Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112619\
Data File : PR043483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2019 13:22
Operator : SM\AJ
Sample : K5959-07RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : ECD_R
ClientSampleId : WS-112019-2-5-COMP-B4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 14:13:26 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112519.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 25 15:13:32 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.712	3.971	63055729	232.6E6	16.470	17.919	
2)	SA Decachlor...	10.621	9.062	119.0E6	248.7E6	21.386	15.823	#
	Target Compounds							
3)	L1 AR-1016-1	5.918	5.060	11229615	-359471	68.780	N.D.	#
4)	L1 AR-1016-2	5.918	5.060	11229615	-359471	48.735	N.D.	#
5)	L1 AR-1016-3	5.983	5.262	2404009	19920293	17.103	62.085	#
6)	L1 AR-1016-4	6.089	5.300	2292417	13344552	19.714	55.119	#
7)	L1 AR-1016-5	6.427	5.535	902092	-1304668	7.606	N.D.	#
8)	L2 AR-1221-1	0.000	4.132	0	5145145	N.D.	35.500	#
9)	L2 AR-1221-2	5.023	4.277	921469	2762406	29.060	25.371	
12)	L3 AR-1232-2	5.607	5.060	12734809	-359471	172.824	N.D.	#
13)	L3 AR-1232-3	5.918	5.262	11229615	19920293	72.388	92.965	#
14)	L3 AR-1232-4	6.089	5.375	2292417	25472829	29.542	150.253	#
15)	L3 AR-1232-5	6.170	5.535	13374935	-1304668	227.210	N.D.	#
16)	L4 AR-1242-1	5.918	5.060	11229615	-359471	103.386	N.D.	#
17)	L4 AR-1242-2	5.918	5.060	11229615	-359471	72.388	N.D.	#
18)	L4 AR-1242-3	5.983	5.262	2404009	19920293	24.752	92.965	#
19)	L4 AR-1242-4	6.089	5.375	2292417	25472829	29.542	150.253	#
20)	L4 AR-1242-5	6.763	5.885	117.3E6	277.1E6	1391.412	1128.732	
21)	L5 AR-1248-1	5.918	5.060	11229615	-359471	103.386	N.D.	#
22)	L5 AR-1248-2	6.170	5.300	13374935	13344552	227.210	98.702	#
23)	L5 AR-1248-3	6.427	5.375	902092	25472829	12.271	150.253	#
24)	L5 AR-1248-4	6.763	5.535	117.3E6	-1304668	1464.185	N.D.	#
25)	L5 AR-1248-5	6.763	5.885	117.3E6	277.1E6	1391.412	1243.812	
26)	L6 AR-1254-1	6.763	5.885	117.3E6	277.1E6	2085.622	1128.732	#
27)	L6 AR-1254-2	6.960	6.038	356.9E6	559.4E6	5067.833	8919.551	#
28)	L6 AR-1254-3	7.341	6.437	373.7E6	681.2E6	14859.900	8187.900	#
29)	L6 AR-1254-4	7.608	6.649	28542603	20471133	1525.972	310.586	#
30)	L6 AR-1254-5	8.038	7.067	50300261	114.7E6	11813.092	6662.377	#
31)	L7 AR-1260-1	7.493	6.551	13625939	43656974	57.927	63.092	
32)	L7 AR-1260-2	7.743	6.741	586.0E6	130.9E6	2021.042	126.962	#
33)	L7 AR-1260-3	8.108	6.894	9590082	55160329	42.476	65.285	#
34)	L7 AR-1260-4	8.342	7.366	19117725	12495636	70.615	16.806	#
35)	L7 AR-1260-5	8.686	7.607	12318019	31047314	21.418	13.981	#
36)	L8 AR-1262-1	8.108	7.102	9590082	16144853	24.508	2395.464	#
37)	L8 AR-1262-2	8.686	7.607	12318019	31047314	3527.060	1949.380	#
38)	L8 AR-1262-3	9.017	7.955	13194498	37345402	25.609	3447.030	#
39)	L8 AR-1262-4	9.116	7.955	7327822	37345402	19.204	3447.030	#
40)	L8 AR-1262-5	9.815	8.471	5446325	9152887	19.049	9.992	#
41)	L9 AR-1268-1	9.017	7.955	13194498	37345402	15.361	3447.030	#
42)	L9 AR-1268-2	9.116	7.955	7327822	37345402	9.247	3447.030	#
43)	L9 AR-1268-3	9.359	8.168	11341469	30471237	2026.189	1706.003	

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112619\
Data File : PR043483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2019 13:22
Operator : SM\AJ
Sample : K5959-07RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : ECD_R
ClientSampleId : WS-112019-2-5-COMP-B4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 14:13:26 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112519.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 25 15:13:32 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44)	L9 AR-1268-4	9.815	8.471	5446325	9152887	18.062	9.506 #
45)	L9 AR-1268-5	10.259	8.785	29497272	73803503	4805.833	4598.353

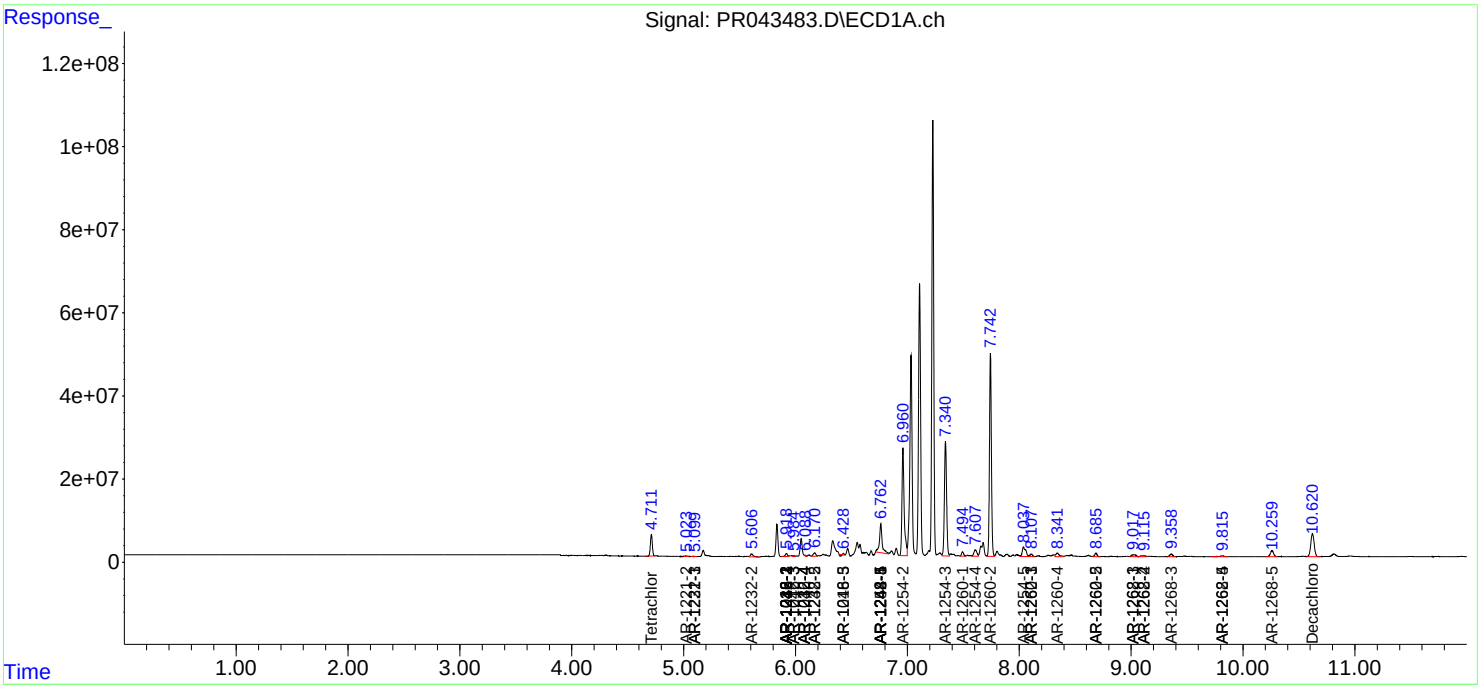
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

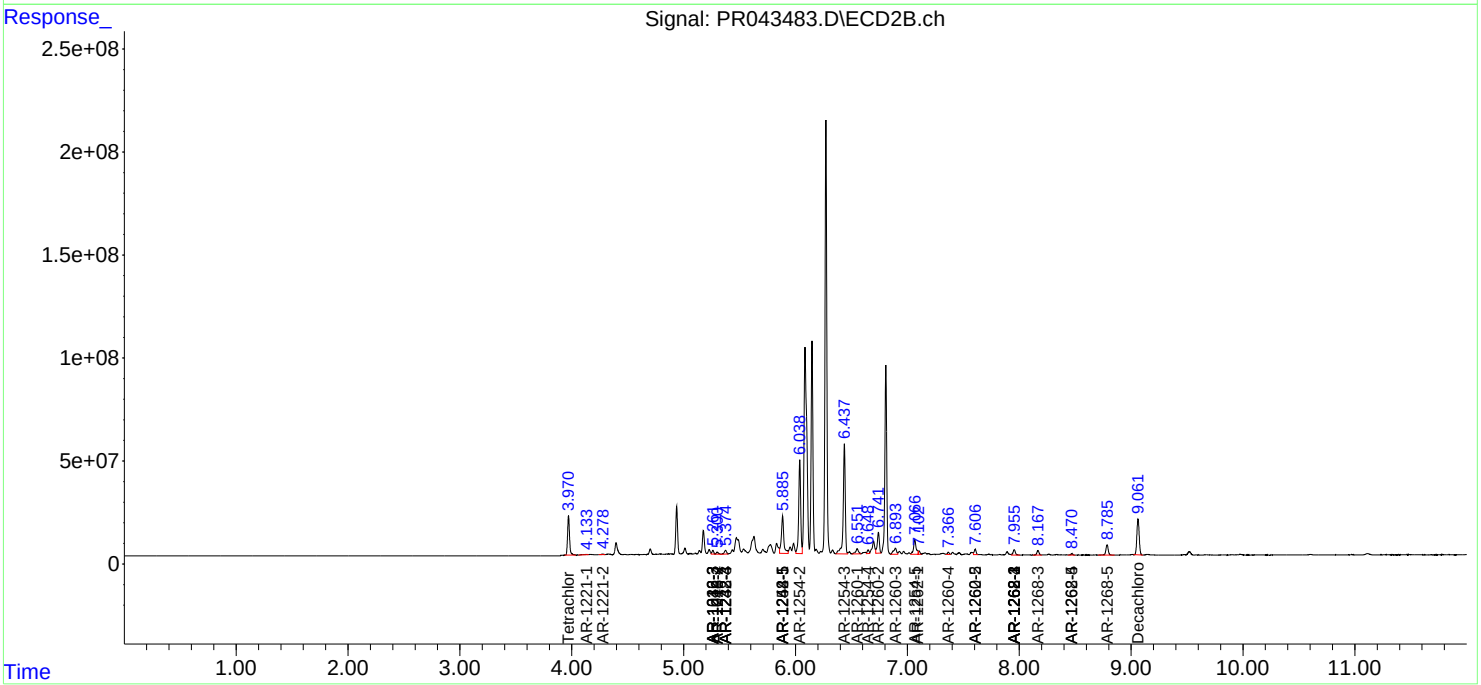
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112619\
Data File : PR043483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2019 13:22
Operator : SM\AJ
Sample : K5959-07RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

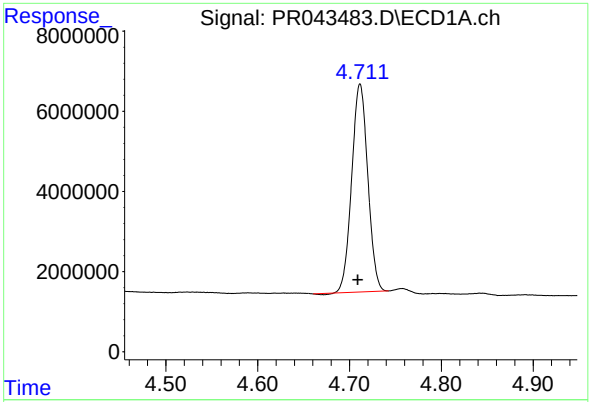
Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 14:13:26 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112519.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 25 15:13:32 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



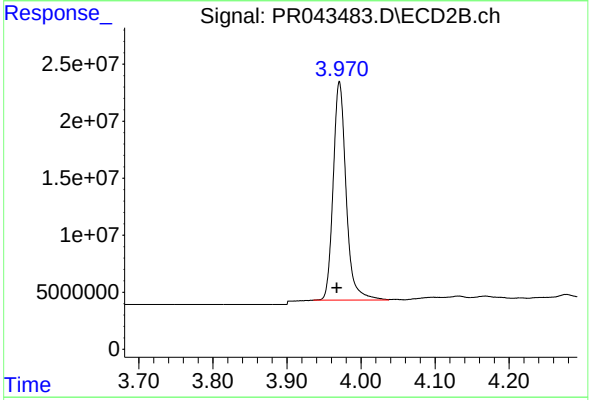




#1 Tetrachloro-m-xylene

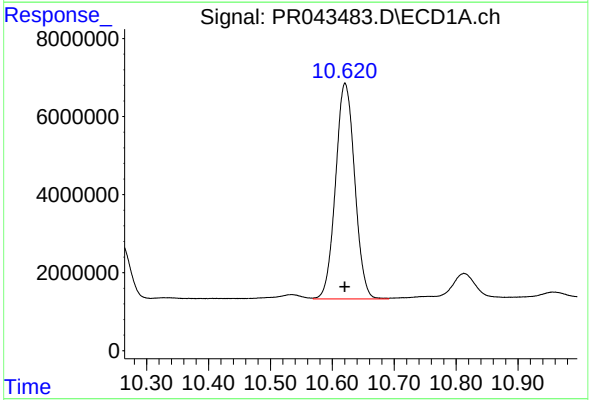
R.T.: 4.712 min
Delta R.T.: 0.003 min
Response: 63055729
Conc: 16.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



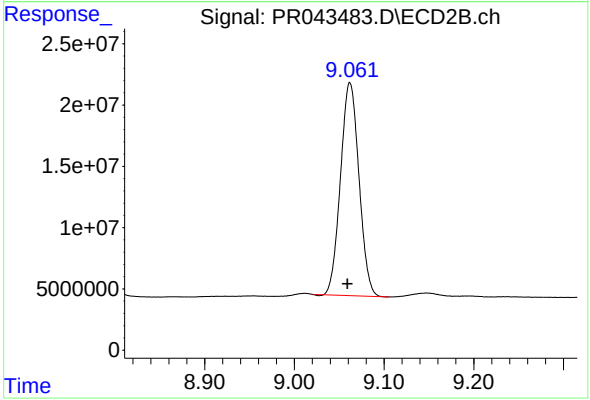
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: 0.004 min
Response: 232604436
Conc: 17.92 ng/ml



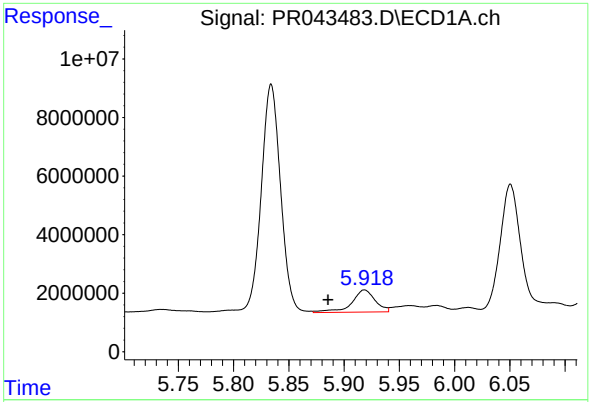
#2 Decachlorobiphenyl

R.T.: 10.621 min
Delta R.T.: 0.000 min
Response: 119002758
Conc: 21.39 ng/ml



#2 Decachlorobiphenyl

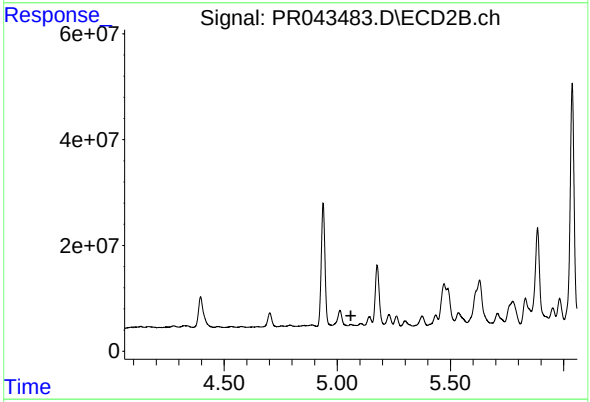
R.T.: 9.062 min
Delta R.T.: 0.003 min
Response: 248681788
Conc: 15.82 ng/ml



#3 AR-1016-1

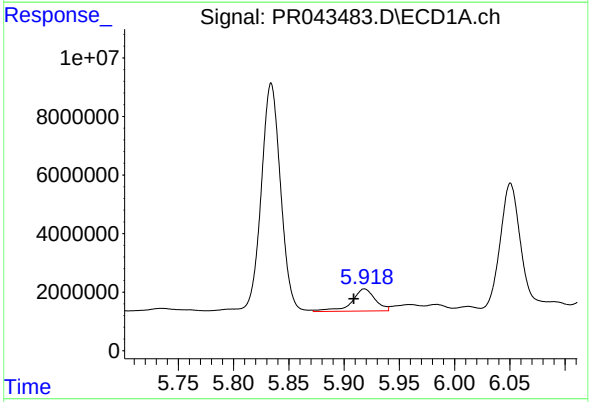
R.T.: 5.918 min
Delta R.T.: 0.033 min
Response: 11229615
Conc: 68.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



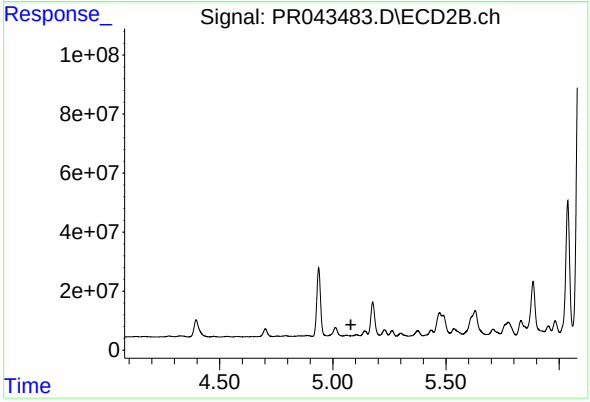
#3 AR-1016-1

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: -359471
Conc: N.D.



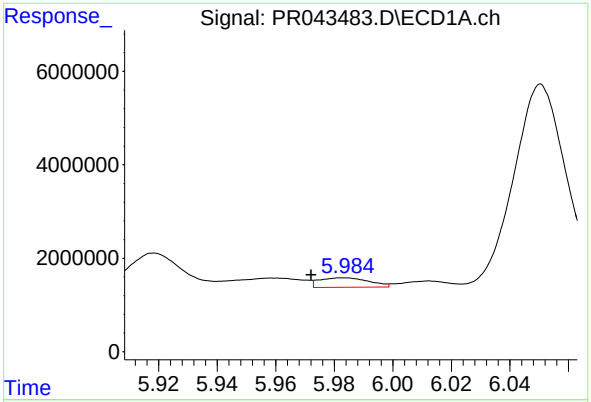
#4 AR-1016-2

R.T.: 5.918 min
Delta R.T.: 0.010 min
Response: 11229615
Conc: 48.73 ng/ml



#4 AR-1016-2

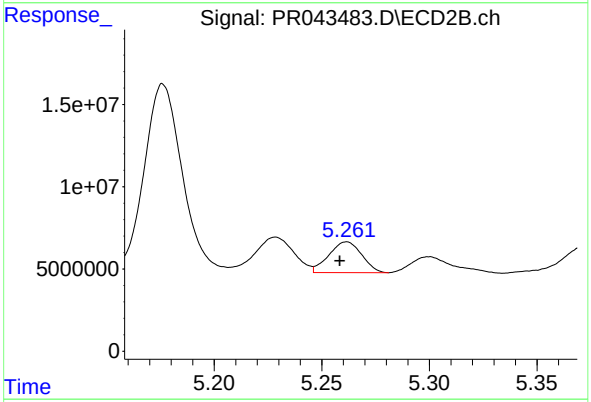
R.T.: 5.060 min
Delta R.T.: -0.020 min
Response: -359471
Conc: N.D.



#5 AR-1016-3

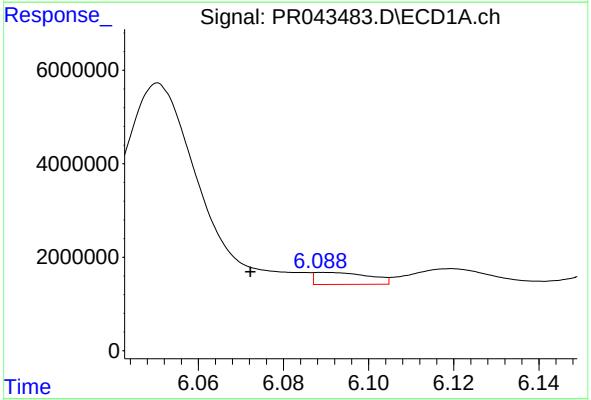
R.T.: 5.983 min
Delta R.T.: 0.011 min
Response: 2404009
Conc: 17.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



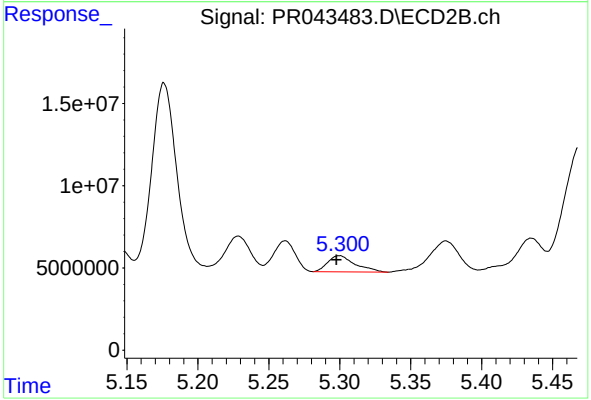
#5 AR-1016-3

R.T.: 5.262 min
Delta R.T.: 0.003 min
Response: 19920293
Conc: 62.08 ng/ml



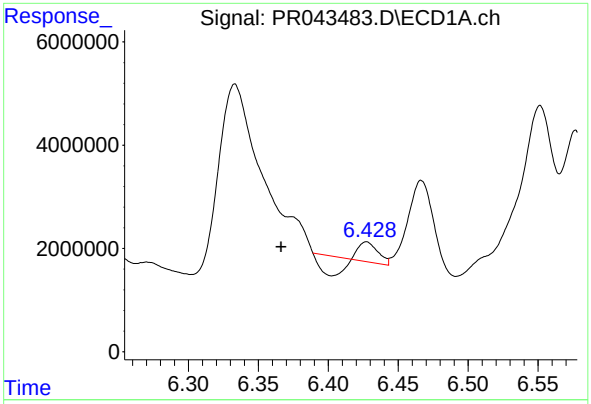
#6 AR-1016-4

R.T.: 6.089 min
Delta R.T.: 0.017 min
Response: 2292417
Conc: 19.71 ng/ml



#6 AR-1016-4

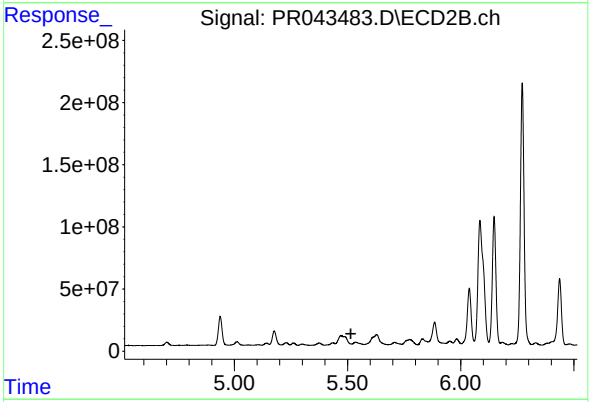
R.T.: 5.300 min
Delta R.T.: 0.002 min
Response: 13344552
Conc: 55.12 ng/ml



#7 AR-1016-5

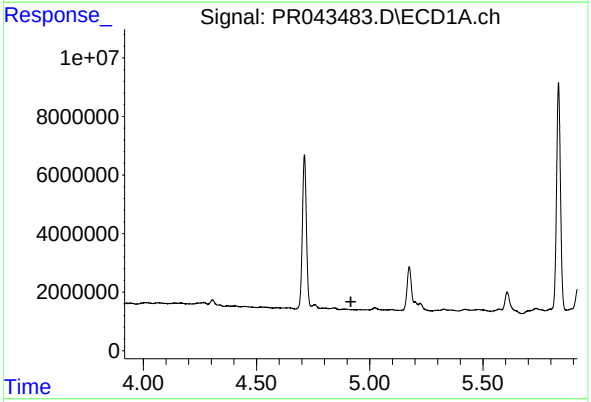
R.T.: 6.427 min
Delta R.T.: 0.061 min
Response: 902092
Conc: 7.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



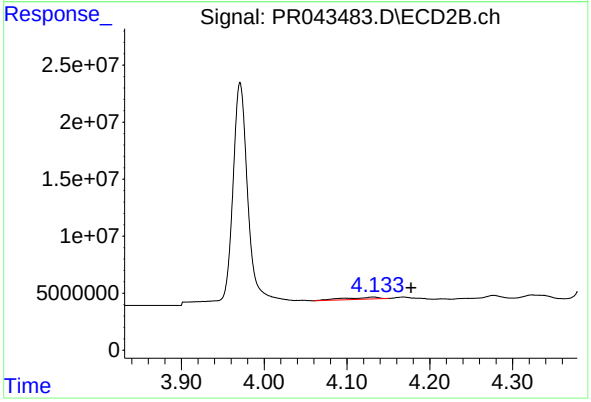
#7 AR-1016-5

R.T.: 5.535 min
Delta R.T.: 0.021 min
Response: -1304668
Conc: N.D.



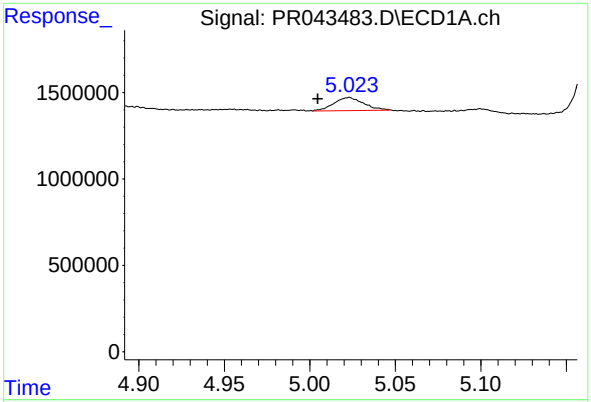
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.917 min
Response: 0
Conc: N.D.



#8 AR-1221-1

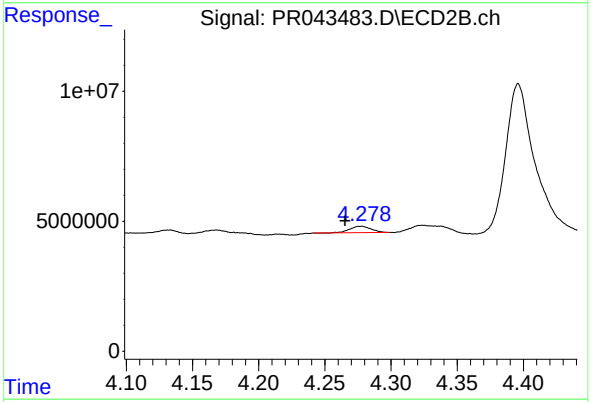
R.T.: 4.132 min
Delta R.T.: -0.045 min
Response: 5145145
Conc: 35.50 ng/ml



#9 AR-1221-2

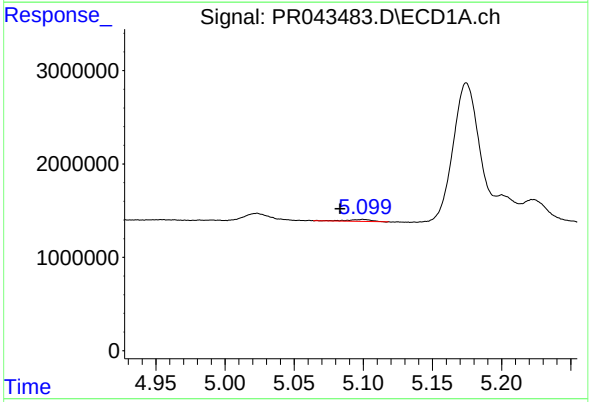
R.T.: 5.023 min
Delta R.T.: 0.018 min
Response: 921469
Conc: 29.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



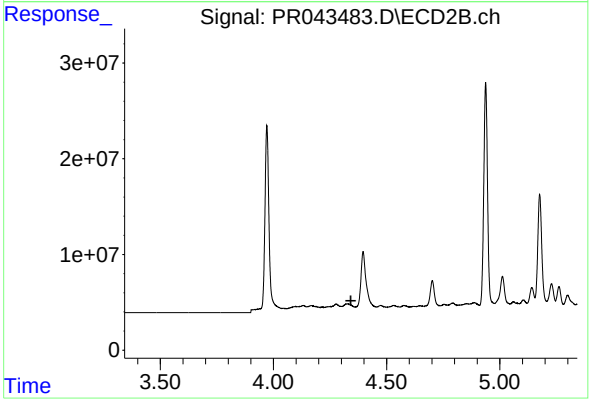
#9 AR-1221-2

R.T.: 4.277 min
Delta R.T.: 0.012 min
Response: 2762406
Conc: 25.37 ng/ml



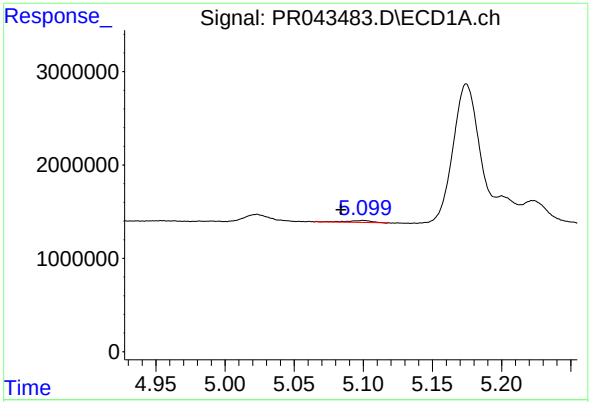
#10 AR-1221-3

R.T.: 5.100 min
Delta R.T.: 0.017 min
Response: 223836
Conc: 2.20 ng/ml



#10 AR-1221-3

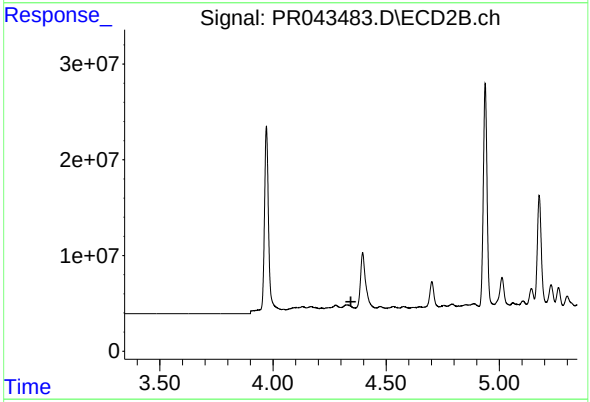
R.T.: 4.396 min
Delta R.T.: 0.054 min
Response: -4414044
Conc: N.D.



#11 AR-1232-1

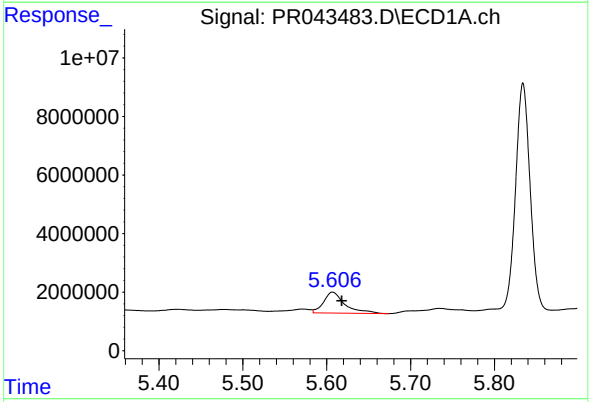
R.T.: 5.100 min
Delta R.T.: 0.016 min
Response: 223836
Conc: 1.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



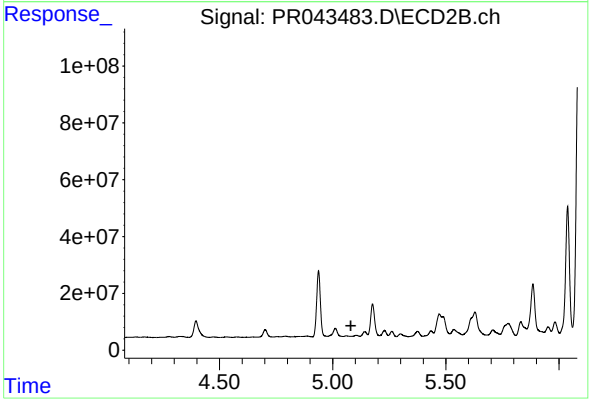
#11 AR-1232-1

R.T.: 4.396 min
Delta R.T.: 0.052 min
Response: -4414044
Conc: N.D.



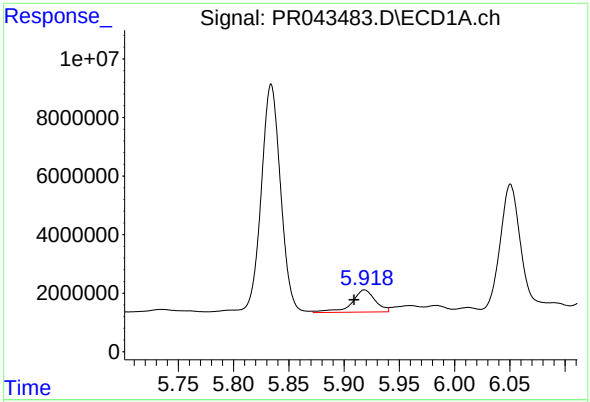
#12 AR-1232-2

R.T.: 5.607 min
Delta R.T.: -0.011 min
Response: 12734809
Conc: 172.82 ng/ml



#12 AR-1232-2

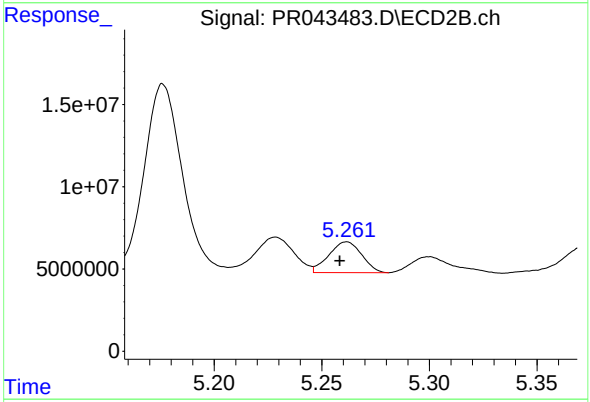
R.T.: 5.060 min
Delta R.T.: -0.021 min
Response: -359471
Conc: N.D.



#13 AR-1232-3

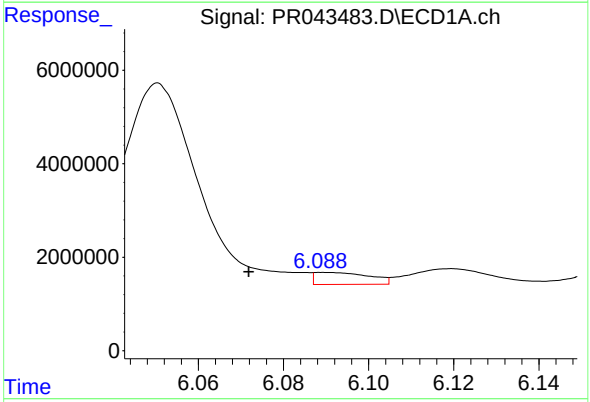
R.T.: 5.918 min
Delta R.T.: 0.009 min
Response: 11229615
Conc: 72.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



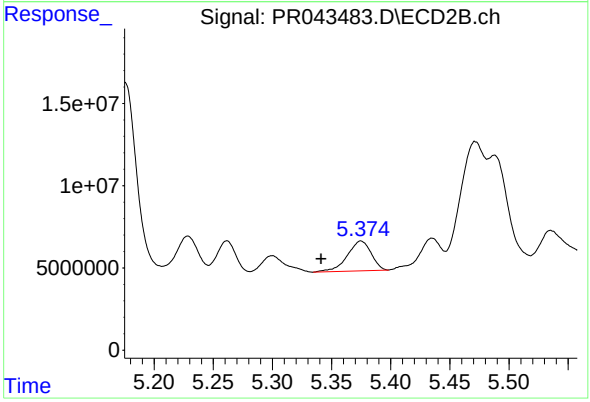
#13 AR-1232-3

R.T.: 5.262 min
Delta R.T.: 0.003 min
Response: 19920293
Conc: 92.97 ng/ml



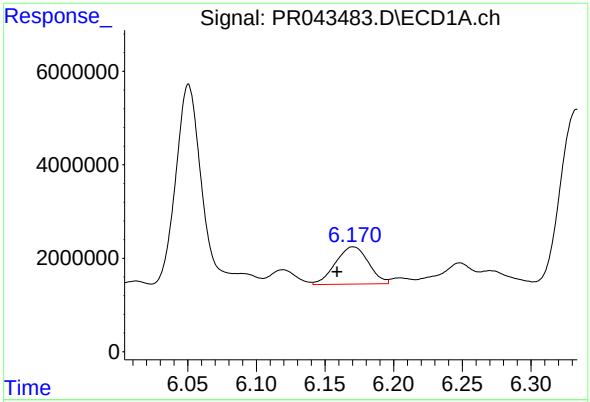
#14 AR-1232-4

R.T.: 6.089 min
Delta R.T.: 0.017 min
Response: 2292417
Conc: 29.54 ng/ml



#14 AR-1232-4

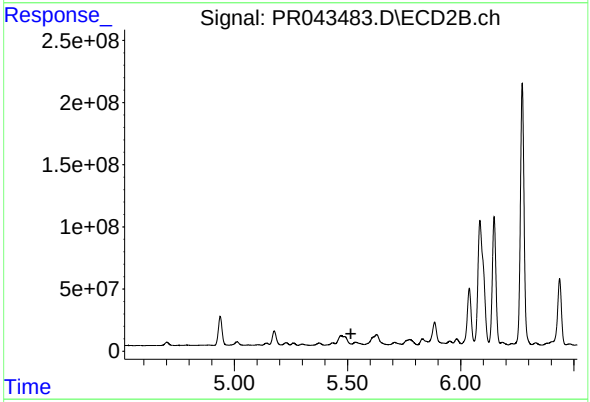
R.T.: 5.375 min
Delta R.T.: 0.034 min
Response: 25472829
Conc: 150.25 ng/ml



#15 AR-1232-5

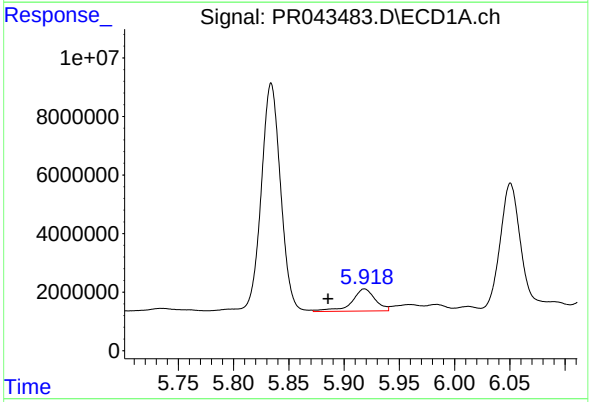
R.T.: 6.170 min
Delta R.T.: 0.012 min
Response: 13374935
Conc: 227.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



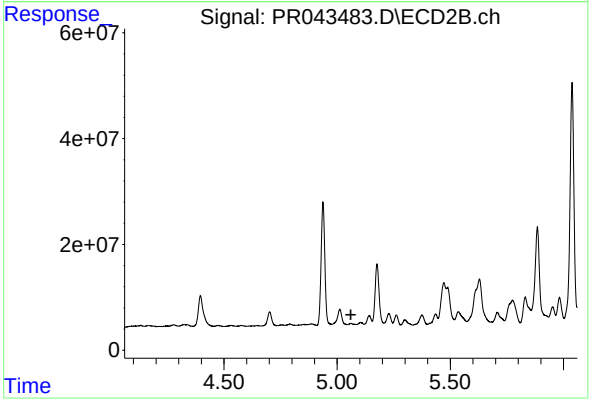
#15 AR-1232-5

R.T.: 5.535 min
Delta R.T.: 0.021 min
Response: -1304668
Conc: N.D.



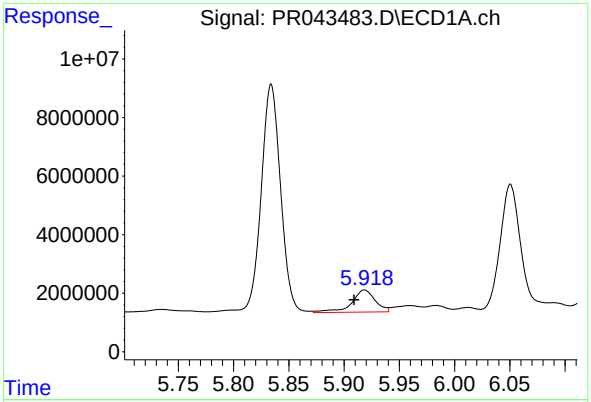
#16 AR-1242-1

R.T.: 5.918 min
Delta R.T.: 0.033 min
Response: 11229615
Conc: 103.39 ng/ml



#16 AR-1242-1

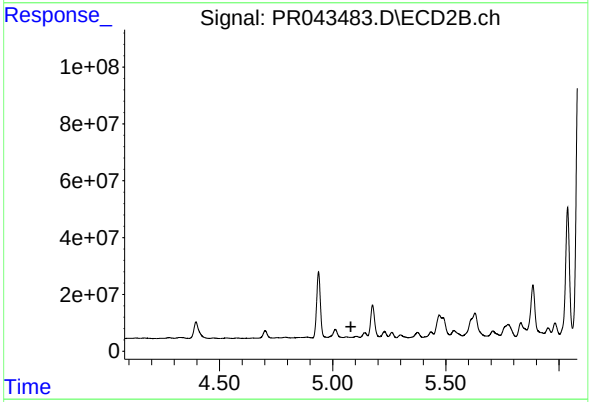
R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: -359471
Conc: N.D.



#17 AR-1242-2

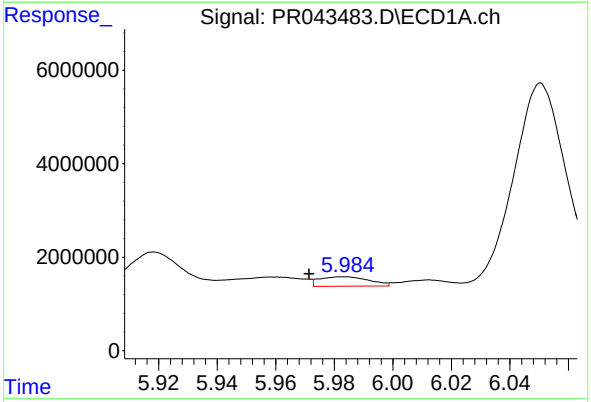
R.T.: 5.918 min
Delta R.T.: 0.009 min
Response: 11229615
Conc: 72.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



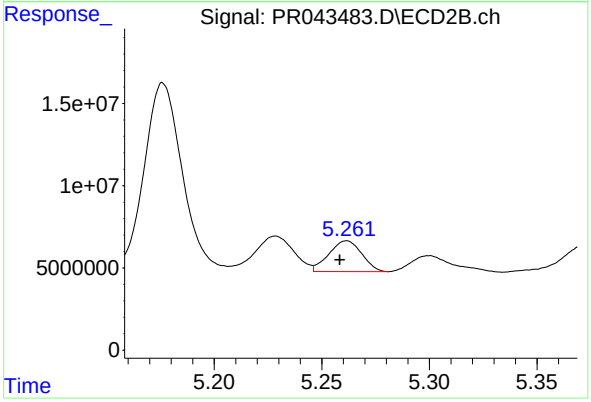
#17 AR-1242-2

R.T.: 5.060 min
Delta R.T.: -0.021 min
Response: -359471
Conc: N.D.



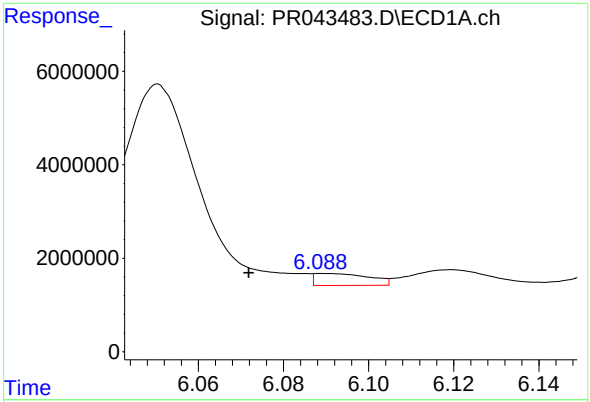
#18 AR-1242-3

R.T.: 5.983 min
Delta R.T.: 0.012 min
Response: 2404009
Conc: 24.75 ng/ml



#18 AR-1242-3

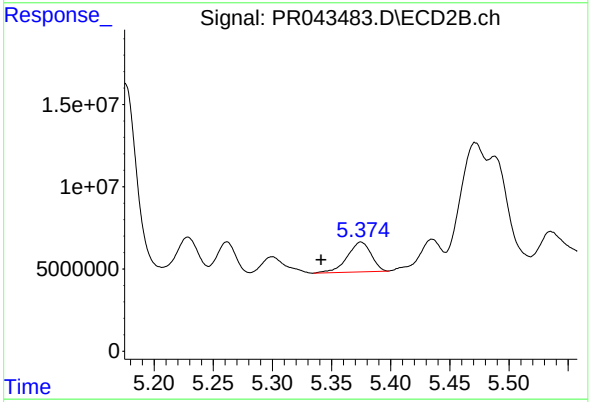
R.T.: 5.262 min
Delta R.T.: 0.003 min
Response: 19920293
Conc: 92.97 ng/ml



#19 AR-1242-4

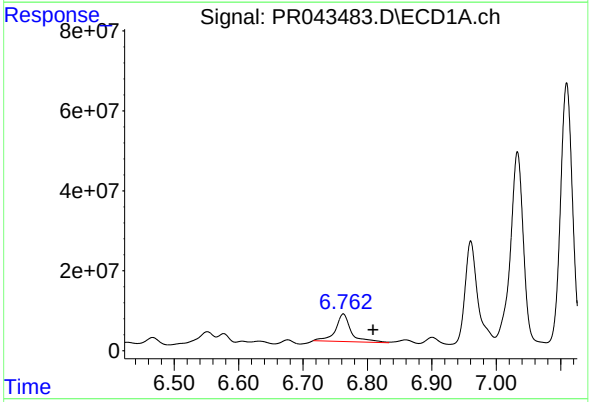
R.T.: 6.089 min
Delta R.T.: 0.017 min
Response: 2292417
Conc: 29.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



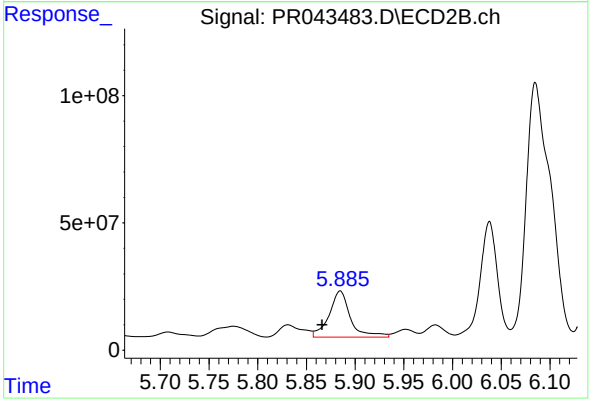
#19 AR-1242-4

R.T.: 5.375 min
Delta R.T.: 0.034 min
Response: 25472829
Conc: 150.25 ng/ml



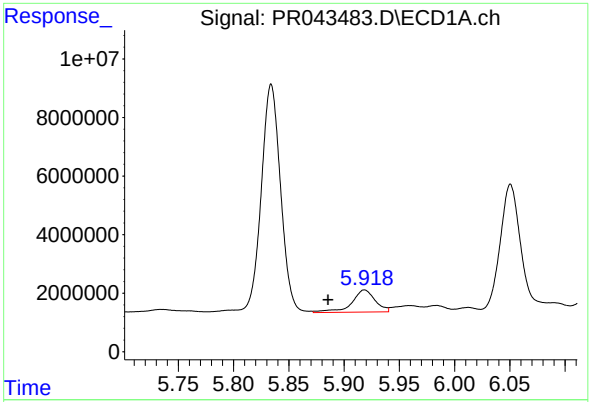
#20 AR-1242-5

R.T.: 6.763 min
Delta R.T.: -0.046 min
Response: 117258983
Conc: 1391.41 ng/ml



#20 AR-1242-5

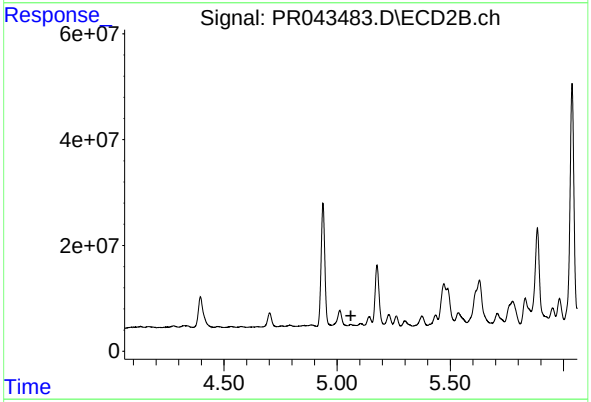
R.T.: 5.885 min
Delta R.T.: 0.019 min
Response: 277090248
Conc: 1128.73 ng/ml



#21 AR-1248-1

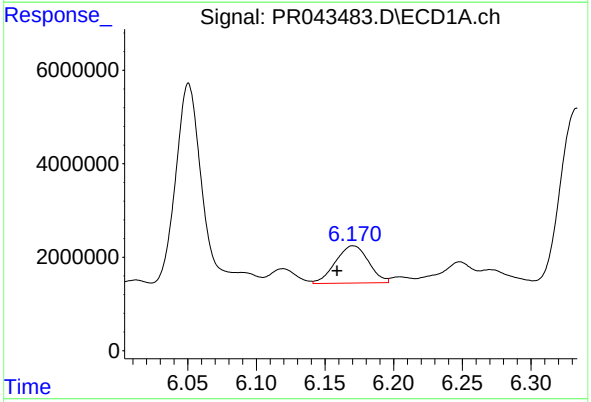
R.T.: 5.918 min
Delta R.T.: 0.033 min
Response: 11229615
Conc: 103.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



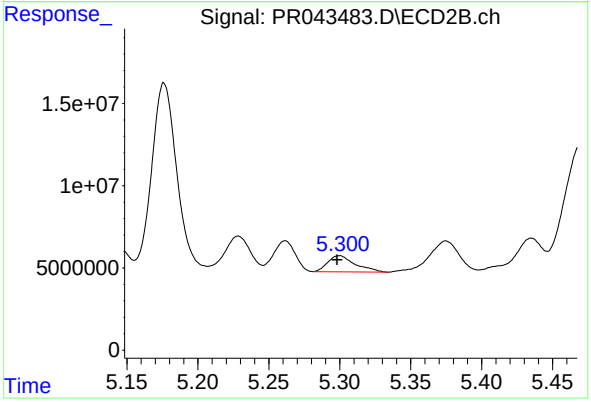
#21 AR-1248-1

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: -359471
Conc: N.D.



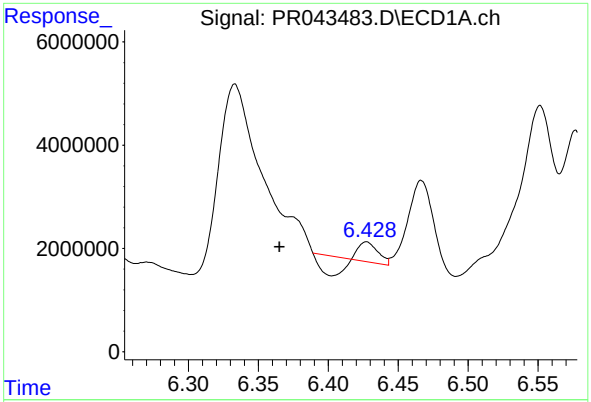
#22 AR-1248-2

R.T.: 6.170 min
Delta R.T.: 0.012 min
Response: 13374935
Conc: 227.21 ng/ml



#22 AR-1248-2

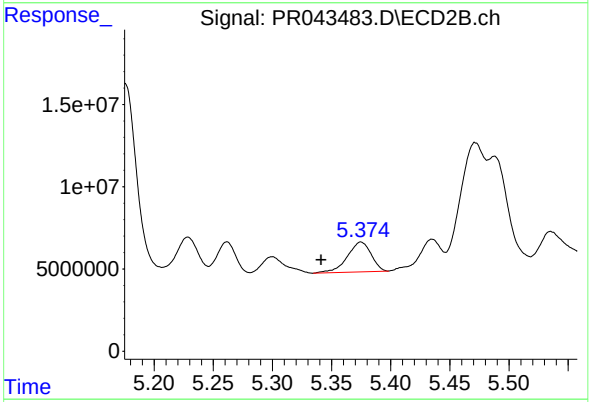
R.T.: 5.300 min
Delta R.T.: 0.002 min
Response: 13344552
Conc: 98.70 ng/ml



#23 AR-1248-3

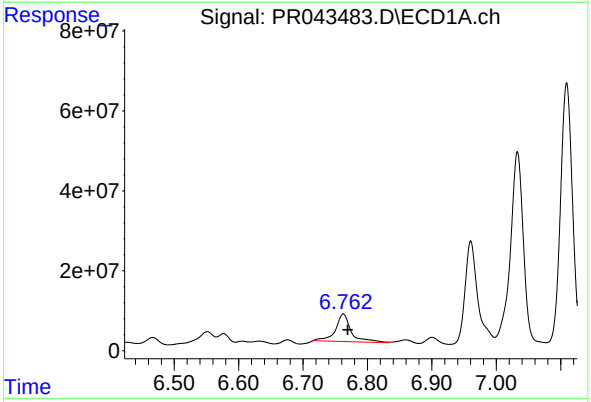
R.T.: 6.427 min
Delta R.T.: 0.062 min
Response: 902092
Conc: 12.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



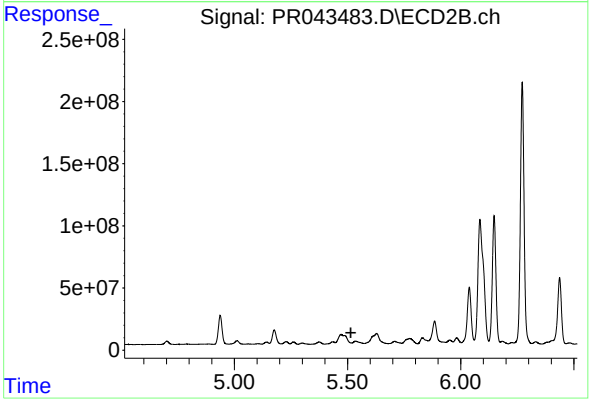
#23 AR-1248-3

R.T.: 5.375 min
Delta R.T.: 0.034 min
Response: 25472829
Conc: 150.25 ng/ml



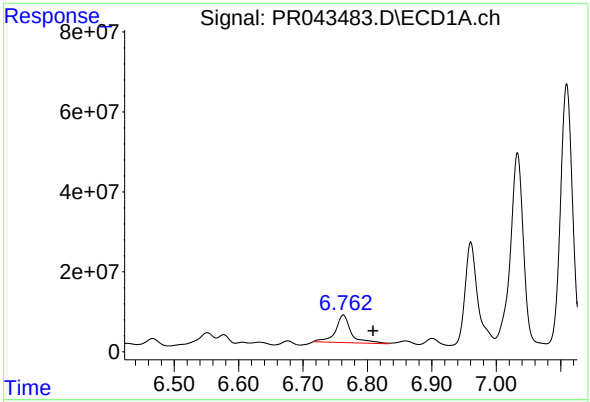
#24 AR-1248-4

R.T.: 6.763 min
Delta R.T.: -0.007 min
Response: 117258983
Conc: 1464.18 ng/ml



#24 AR-1248-4

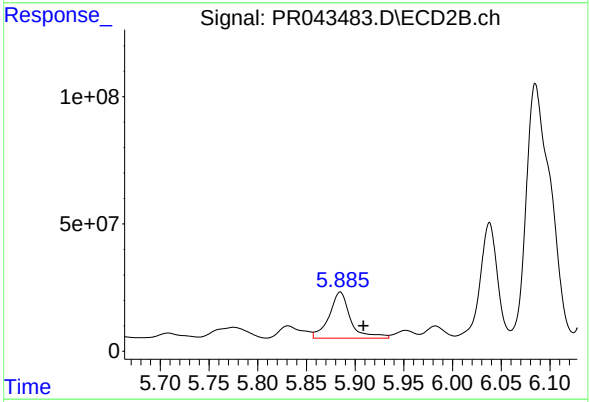
R.T.: 5.535 min
Delta R.T.: 0.021 min
Response: -1304668
Conc: N.D.



#25 AR-1248-5

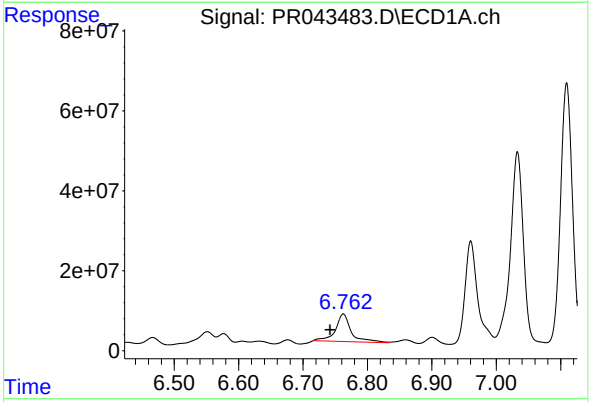
R.T.: 6.763 min
Delta R.T.: -0.046 min
Response: 117258983
Conc: 1391.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



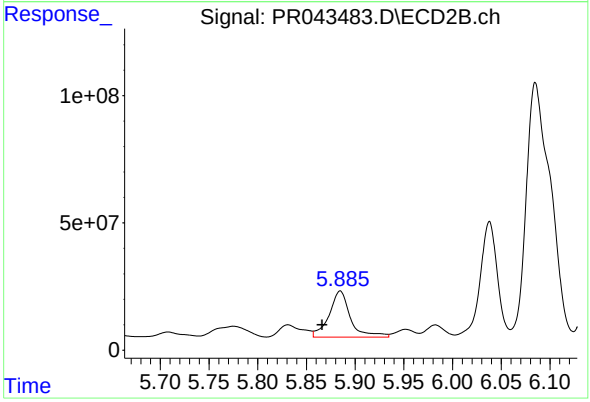
#25 AR-1248-5

R.T.: 5.885 min
Delta R.T.: -0.024 min
Response: 277090248
Conc: 1243.81 ng/ml



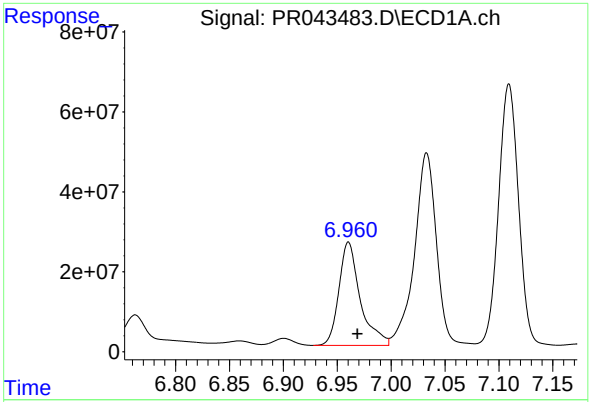
#26 AR-1254-1

R.T.: 6.763 min
Delta R.T.: 0.021 min
Response: 117258983
Conc: 2085.62 ng/ml



#26 AR-1254-1

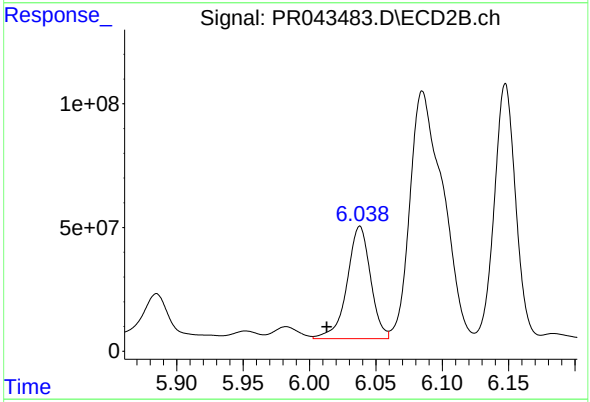
R.T.: 5.885 min
Delta R.T.: 0.019 min
Response: 277090248
Conc: 1128.73 ng/ml



#27 AR-1254-2

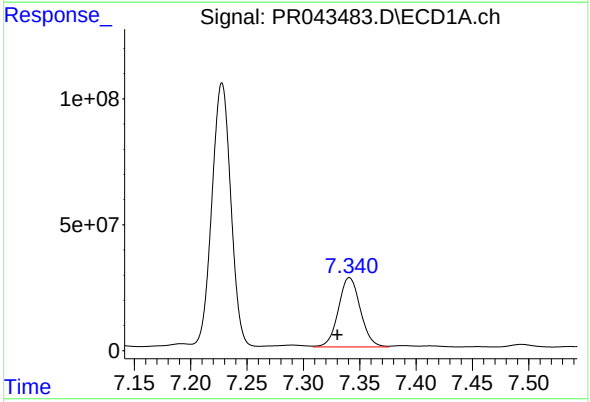
R.T.: 6.960 min
Delta R.T.: -0.008 min
Response: 356867147
Conc: 5067.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



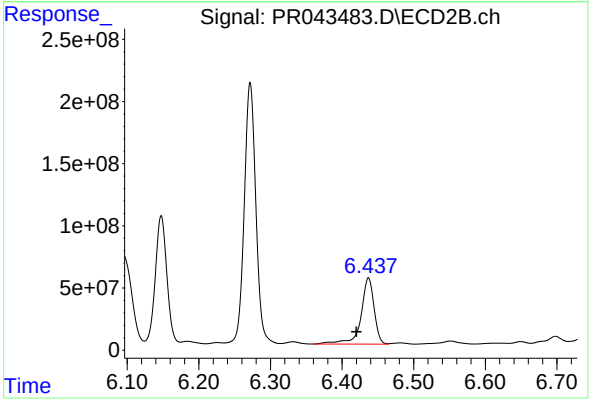
#27 AR-1254-2

R.T.: 6.038 min
Delta R.T.: 0.025 min
Response: 559382195
Conc: 8919.55 ng/ml



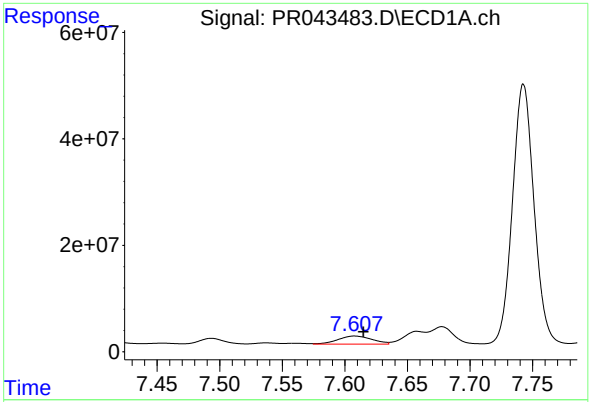
#28 AR-1254-3

R.T.: 7.341 min
Delta R.T.: 0.011 min
Response: 373713042
Conc: 14859.90 ng/ml



#28 AR-1254-3

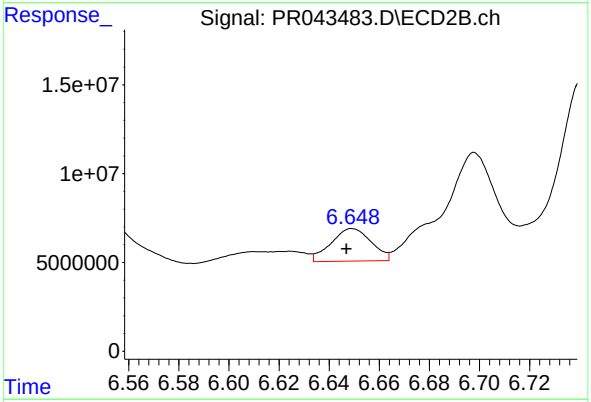
R.T.: 6.437 min
Delta R.T.: 0.017 min
Response: 681153804
Conc: 8187.90 ng/ml



#29 AR-1254-4

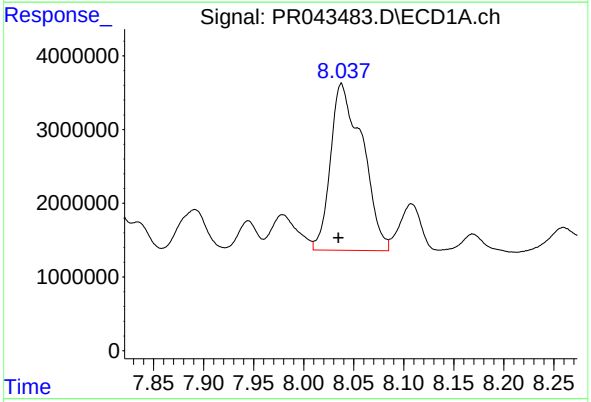
R.T.: 7.608 min
Delta R.T.: -0.007 min
Response: 28542603
Conc: 1525.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



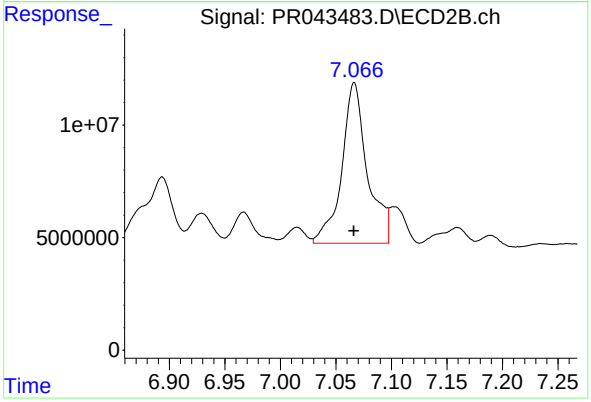
#29 AR-1254-4

R.T.: 6.649 min
Delta R.T.: 0.002 min
Response: 20471133
Conc: 310.59 ng/ml



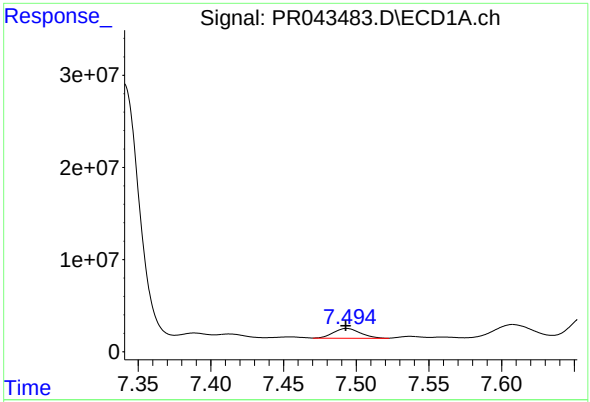
#30 AR-1254-5

R.T.: 8.038 min
Delta R.T.: 0.003 min
Response: 50300261
Conc: 11813.09 ng/ml



#30 AR-1254-5

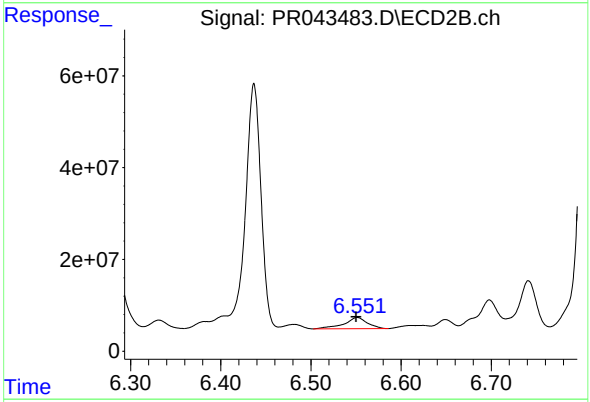
R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 114730300
Conc: 6662.38 ng/ml



#31 AR-1260-1

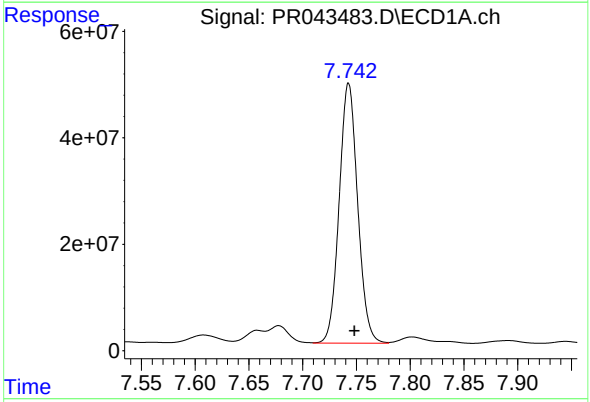
R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 13625939
Conc: 57.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



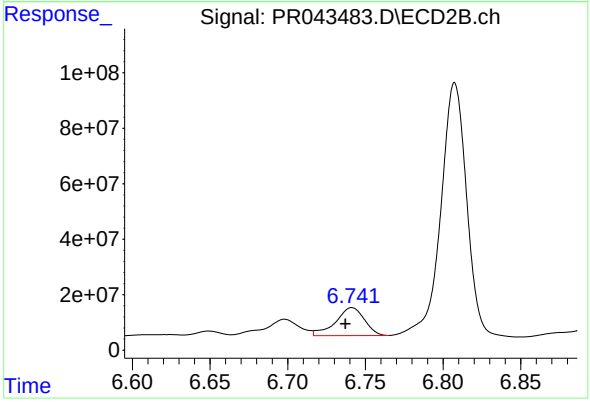
#31 AR-1260-1

R.T.: 6.551 min
Delta R.T.: 0.001 min
Response: 43656974
Conc: 63.09 ng/ml



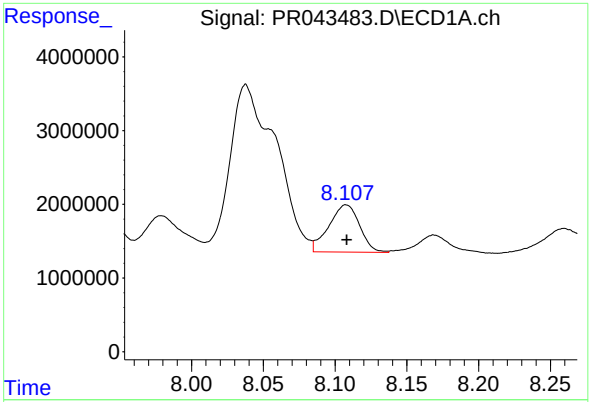
#32 AR-1260-2

R.T.: 7.743 min
Delta R.T.: -0.005 min
Response: 586007983
Conc: 2021.04 ng/ml



#32 AR-1260-2

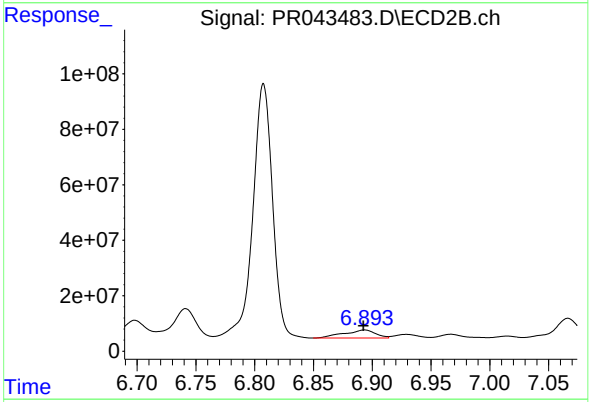
R.T.: 6.741 min
Delta R.T.: 0.004 min
Response: 130931703
Conc: 126.96 ng/ml



#33 AR-1260-3

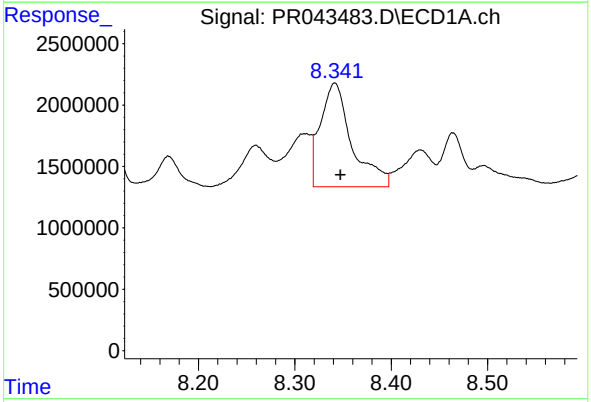
R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 9590082
Conc: 42.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



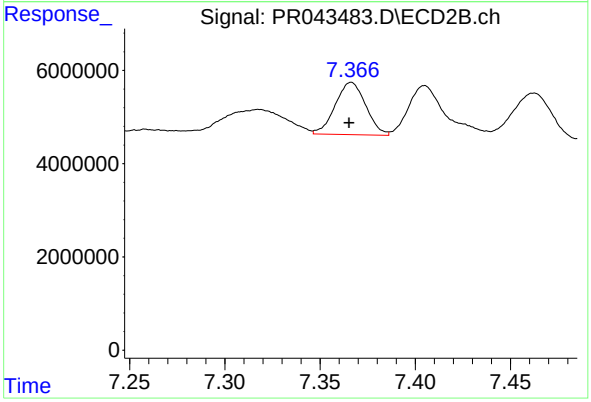
#33 AR-1260-3

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 55160329
Conc: 65.28 ng/ml



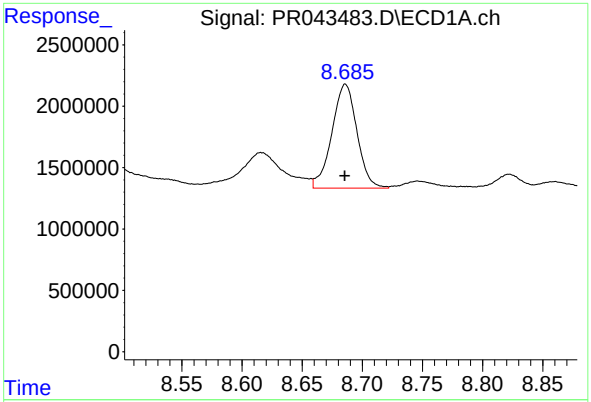
#34 AR-1260-4

R.T.: 8.342 min
Delta R.T.: -0.006 min
Response: 19117725
Conc: 70.62 ng/ml



#34 AR-1260-4

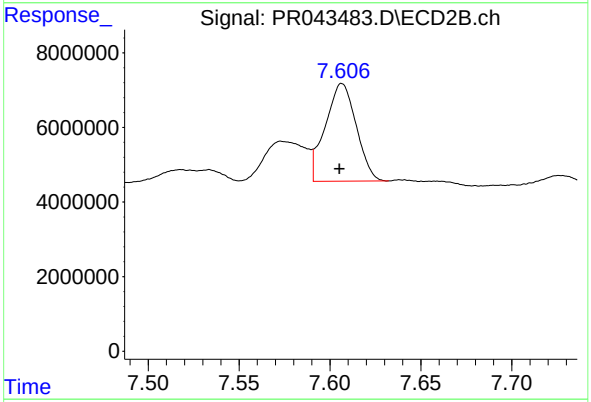
R.T.: 7.366 min
Delta R.T.: 0.001 min
Response: 12495636
Conc: 16.81 ng/ml



#35 AR-1260-5

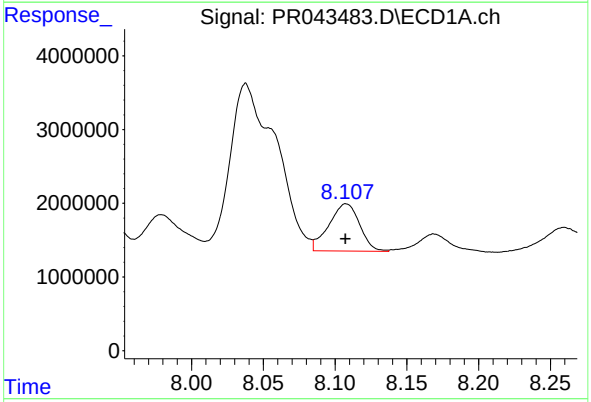
R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 12318019
Conc: 21.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



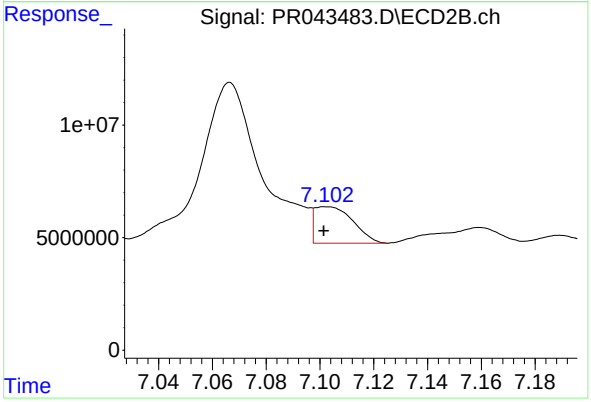
#35 AR-1260-5

R.T.: 7.607 min
Delta R.T.: 0.001 min
Response: 31047314
Conc: 13.98 ng/ml



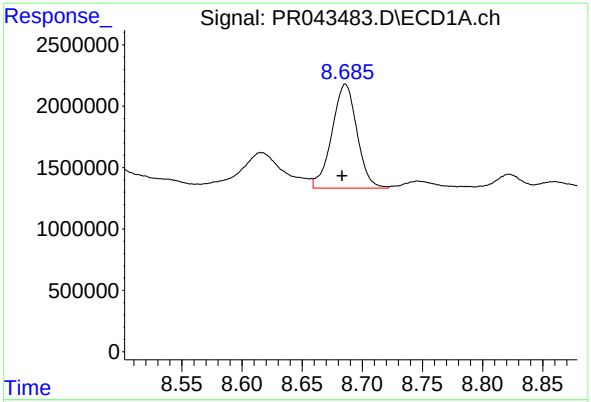
#36 AR-1262-1

R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 9590082
Conc: 24.51 ng/ml



#36 AR-1262-1

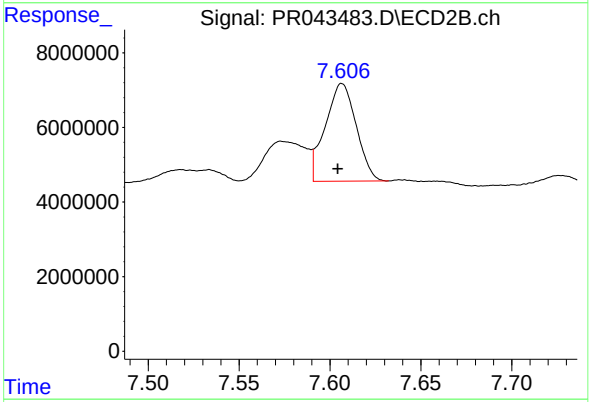
R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 16144853
Conc: 2395.46 ng/ml



#37 AR-1262-2

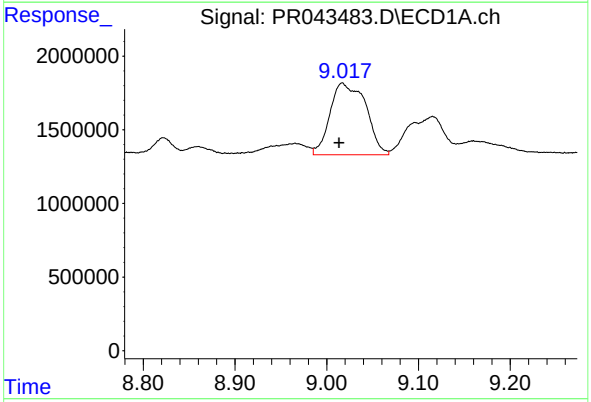
R.T.: 8.686 min
Delta R.T.: 0.003 min
Response: 12318019
Conc: 3527.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



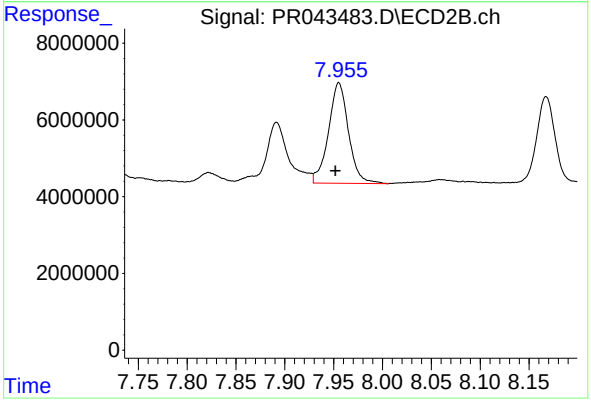
#37 AR-1262-2

R.T.: 7.607 min
Delta R.T.: 0.002 min
Response: 31047314
Conc: 1949.38 ng/ml



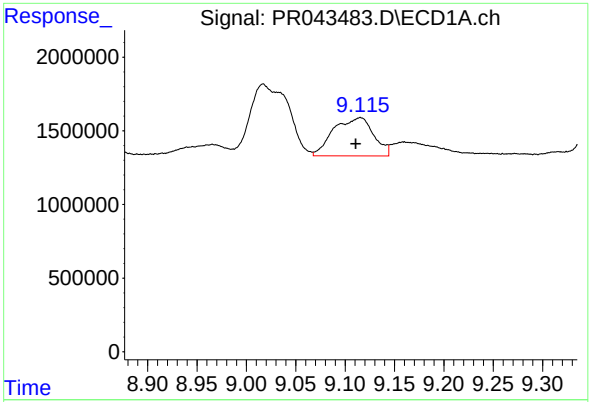
#38 AR-1262-3

R.T.: 9.017 min
Delta R.T.: 0.003 min
Response: 13194498
Conc: 25.61 ng/ml



#38 AR-1262-3

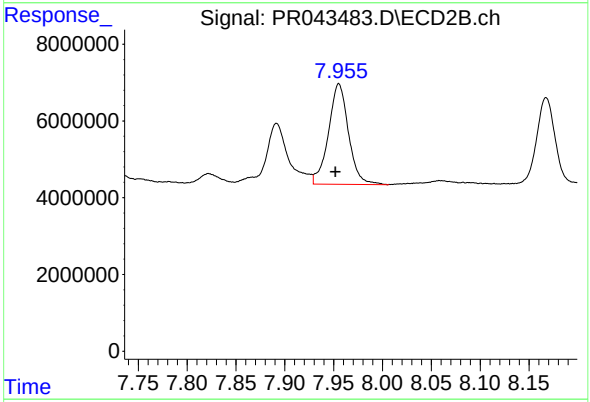
R.T.: 7.955 min
Delta R.T.: 0.004 min
Response: 37345402
Conc: 3447.03 ng/ml



#39 AR-1262-4

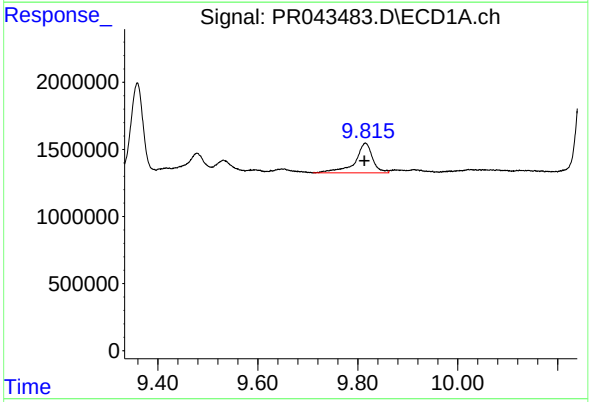
R.T.: 9.116 min
Delta R.T.: 0.005 min
Response: 7327822
Conc: 19.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



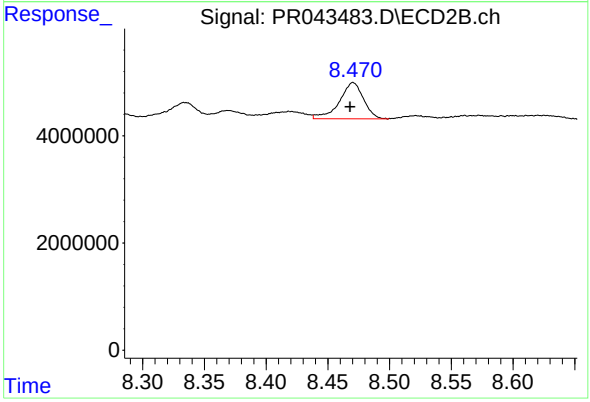
#39 AR-1262-4

R.T.: 7.955 min
Delta R.T.: 0.004 min
Response: 37345402
Conc: 3447.03 ng/ml



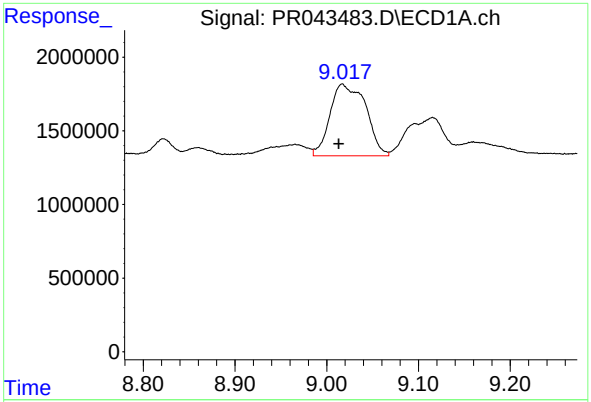
#40 AR-1262-5

R.T.: 9.815 min
Delta R.T.: 0.002 min
Response: 5446325
Conc: 19.05 ng/ml



#40 AR-1262-5

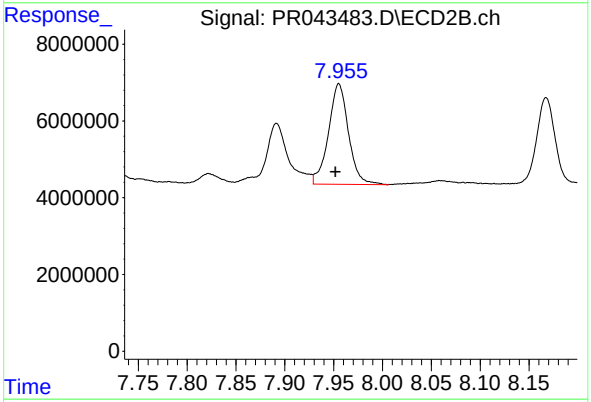
R.T.: 8.471 min
Delta R.T.: 0.002 min
Response: 9152887
Conc: 9.99 ng/ml



#41 AR-1268-1

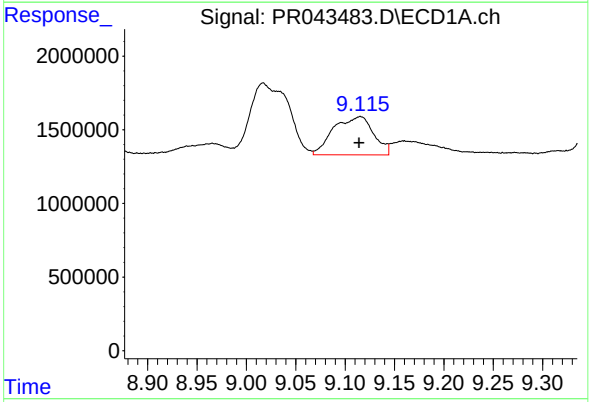
R.T.: 9.017 min
Delta R.T.: 0.004 min
Response: 13194498
Conc: 15.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



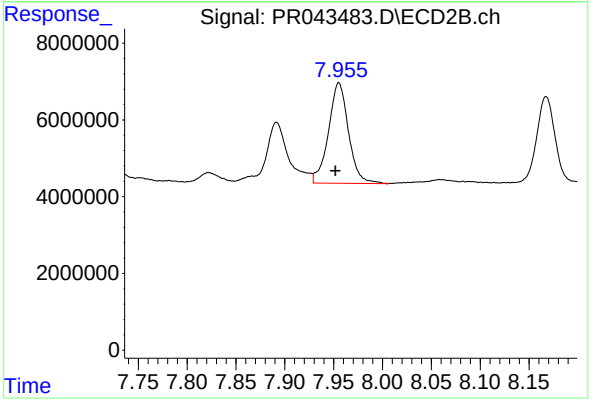
#41 AR-1268-1

R.T.: 7.955 min
Delta R.T.: 0.004 min
Response: 37345402
Conc: 3447.03 ng/ml



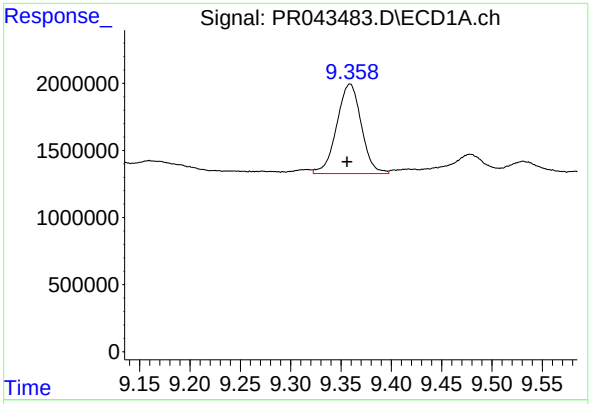
#42 AR-1268-2

R.T.: 9.116 min
Delta R.T.: 0.001 min
Response: 7327822
Conc: 9.25 ng/ml



#42 AR-1268-2

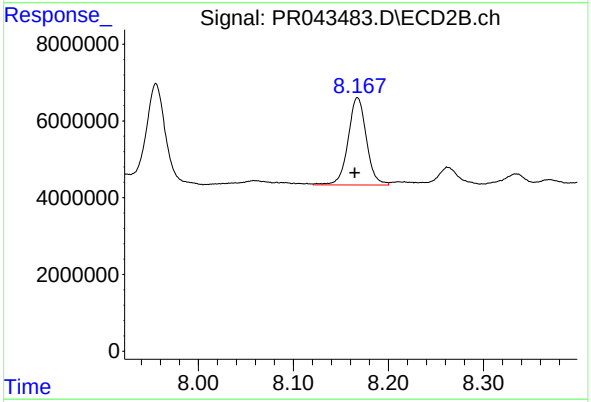
R.T.: 7.955 min
Delta R.T.: 0.004 min
Response: 37345402
Conc: 3447.03 ng/ml



#43 AR-1268-3

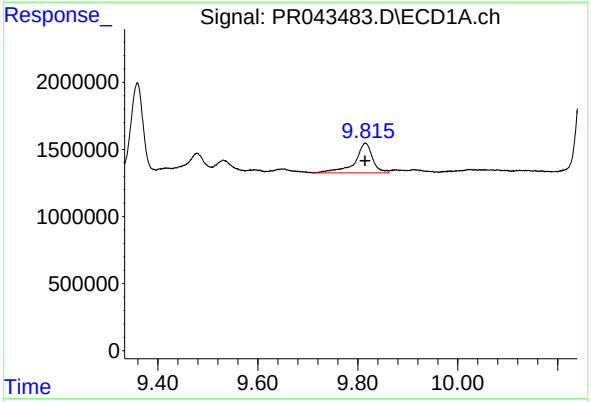
R.T.: 9.359 min
Delta R.T.: 0.003 min
Response: 11341469
Conc: 2026.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



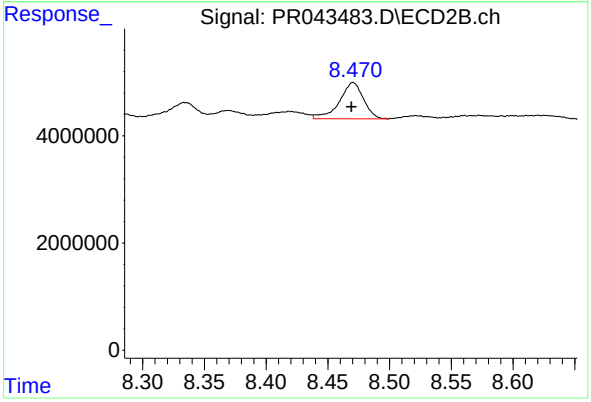
#43 AR-1268-3

R.T.: 8.168 min
Delta R.T.: 0.003 min
Response: 30471237
Conc: 1706.00 ng/ml



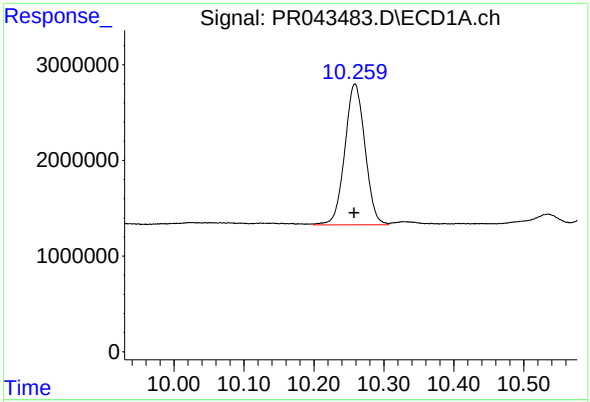
#44 AR-1268-4

R.T.: 9.815 min
Delta R.T.: 0.000 min
Response: 5446325
Conc: 18.06 ng/ml



#44 AR-1268-4

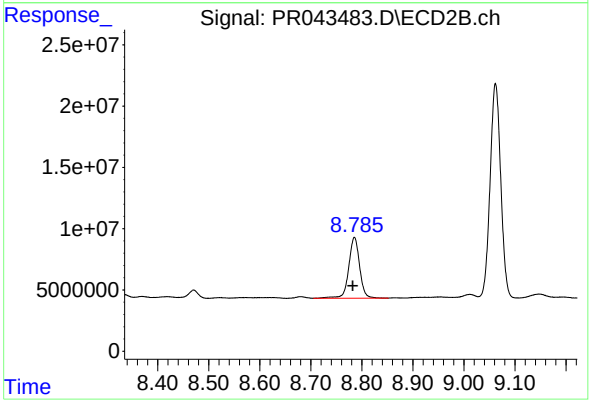
R.T.: 8.471 min
Delta R.T.: 0.001 min
Response: 9152887
Conc: 9.51 ng/ml



#45 AR-1268-5

R.T.: 10.259 min
Delta R.T.: 0.001 min
Response: 29497272
Conc: 4805.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
WS-112019-2-5-COMP-B4



#45 AR-1268-5

R.T.: 8.785 min
Delta R.T.: 0.003 min
Response: 73803503
Conc: 4598.35 ng/ml