

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072419\
 Data File : PR039696.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2019 23:10
 Operator : SM\AJ
 Sample : K3984-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 01:45:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 22 14:03:19 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...	3.756	4.602	37398735	152.2E6	15.583	15.181
2)	SA Decachlor...	8.692	10.333	38345490	142.0E6	15.433	15.129
Target Compounds							
3)	L1 AR-1016-1	4.820	0.000	544669	0	6.195	N.D. #
4)	L1 AR-1016-2	4.849	0.000	187798	0	1.297	N.D. #
5)	L1 AR-1016-3	5.056	0.000	757716	0	10.909	N.D. #
6)	L1 AR-1016-4	5.056	0.000	757716	0	13.461	N.D. #
7)	L1 AR-1016-5	5.257	6.234	1232374	6434292	16.431	25.610 #
9)	L2 AR-1221-2	4.051	0.000	424671	0	17.454	N.D. #
10)	L2 AR-1221-3	4.169	0.000	661939	0	8.452	N.D. #
11)	L3 AR-1232-1	4.169	0.000	661939	0	8.470	N.D. #
12)	L3 AR-1232-2	4.849	0.000	187798	0	1.998	N.D. #
13)	L3 AR-1232-3	5.056	0.000	757716	0	17.925	N.D. #
14)	L3 AR-1232-4	5.098	0.000	382444	0	9.609	N.D. #
15)	L3 AR-1232-5	5.257	0.000	1232374	0	29.120	N.D. #
16)	L4 AR-1242-1	4.820	0.000	544669	0	5.966	N.D. #
17)	L4 AR-1242-2	4.849	0.000	187798	0	1.310	N.D. #
18)	L4 AR-1242-3	5.056	0.000	757716	0	10.721	N.D. #
19)	L4 AR-1242-4	5.098	0.000	382444	0	5.467	N.D. #
20)	L4 AR-1242-5	5.609	0.000	3124893	0	31.460	N.D. #
21)	L5 AR-1248-1	4.820	0.000	544669	0	7.527	N.D. #
22)	L5 AR-1248-2	5.056	0.000	757716	0	9.685	N.D. #
23)	L5 AR-1248-3	5.098	6.234	382444	6434292	3.581	14.762 #
24)	L5 AR-1248-4	5.257	6.579	1232374	18281975	9.309	35.197 #
25)	L5 AR-1248-5	5.652	0.000	1668642	0	11.513	N.D. #
26)	L6 AR-1254-1	5.609	6.579	3124893	18281975	20.261	50.191 #
27)	L6 AR-1254-2	5.778	6.813	57139536	162.0E6	436.404	283.641 #
28)	L6 AR-1254-3	6.169	7.189	44118384	103.7E6	197.460	166.382
29)	L6 AR-1254-4	6.376	7.461	8991333	17119917	61.831	37.801 #
30)	L6 AR-1254-5	6.786	7.896	98586862	314.0E6	517.745	661.347 #
31)	L7 AR-1260-1	6.278	7.339	7522256	11874835	51.617	26.762 #
32)	L7 AR-1260-2	6.469	7.587	22408056	200.4E6	121.708	365.590 #
33)	L7 AR-1260-3	6.615	7.896	11850403	314.0E6	71.531	748.998 #
34)	L7 AR-1260-4	7.078	8.170	2751101	14225812	19.791	29.484 #
35)	L7 AR-1260-5	7.317	8.502	4343190	9476363	12.589	9.239 #
36)	L8 AR-1262-1	6.873	7.896	2053690	314.0E6	13.987	302.476 #
37)	L8 AR-1262-2	7.317	8.502	4343190	9476363	6.426	4.704 #
38)	L8 AR-1262-3	7.597	0.000	1286231	0	5.415	N.D. #
39)	L8 AR-1262-4	7.661	0.000	2983063	0	6.442	N.D. #
40)	L8 AR-1262-5	8.156	0.000	2154822	0	11.082	N.D. #
41)	L9 AR-1268-1	7.597	0.000	1286231	0	1.678	N.D. #
42)	L9 AR-1268-2	7.661	0.000	2983063	0	4.249	N.D. #

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Instrument :
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 Quant Time: Jul 25 01:45:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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	
43)	L9 AR-1268-3	7.865	0.000	662592	0	1.192	N.D.	#
44)	L9 AR-1268-4	8.156	0.000	2154822	0	9.353	N.D.	#
45)	L9 AR-1268-5	8.440	0.000	839565	0	0.493	N.D.	#

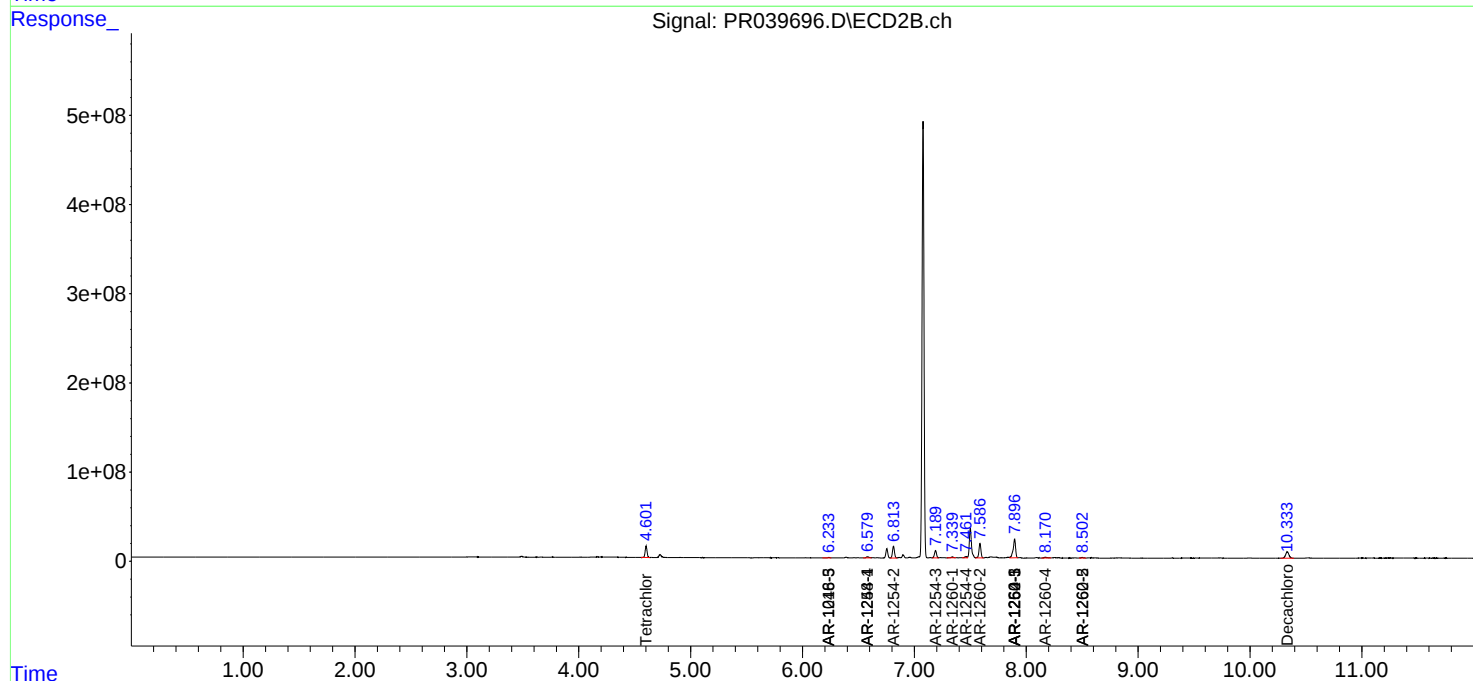
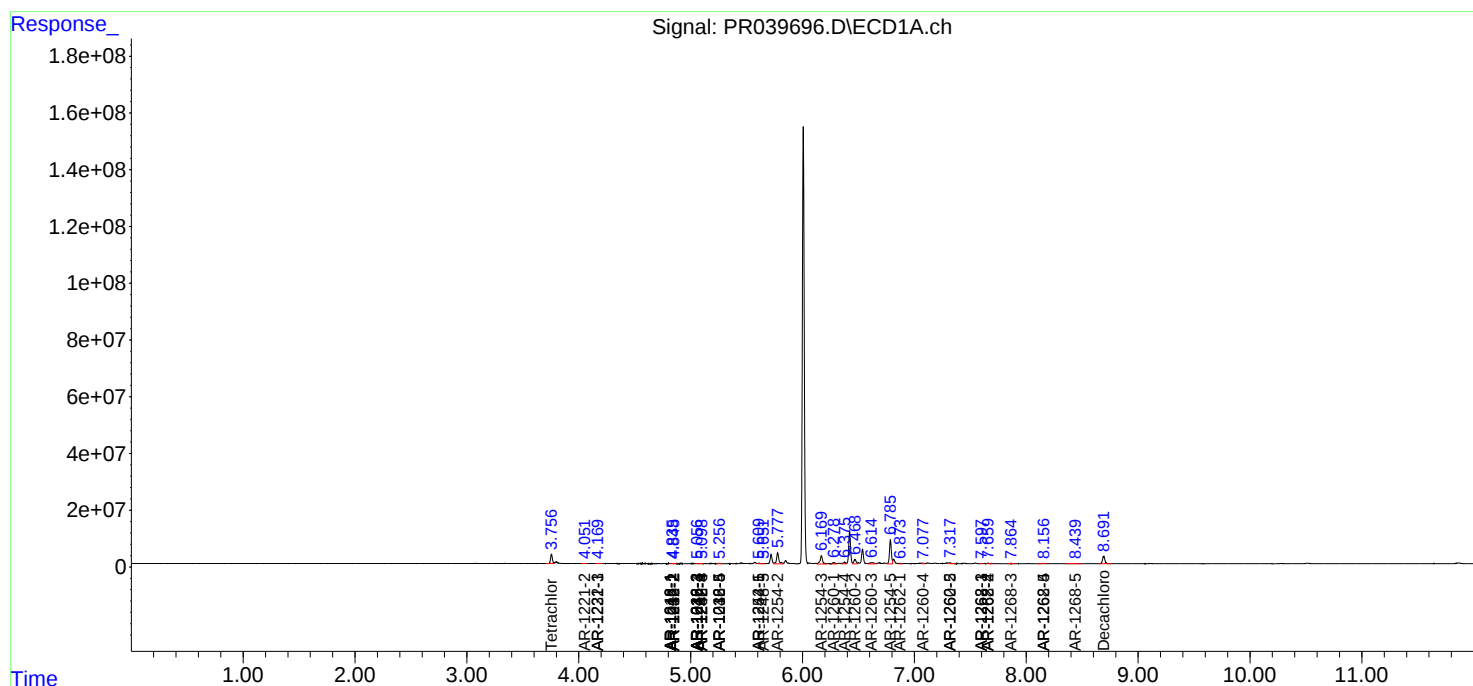
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

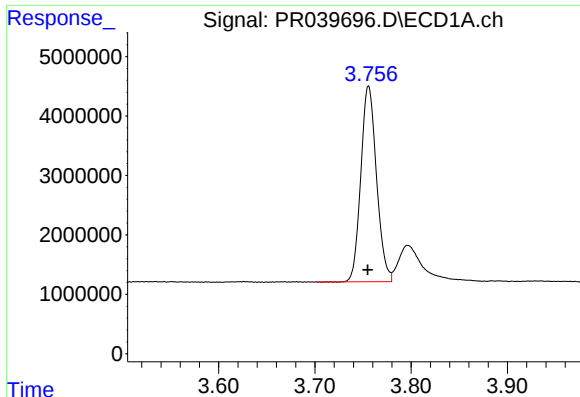
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

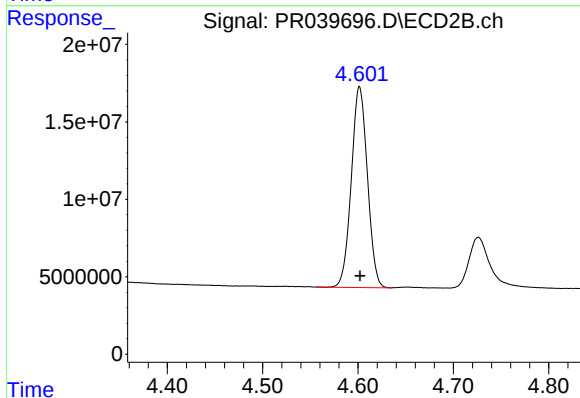




#1 Tetrachloro-m-xylene

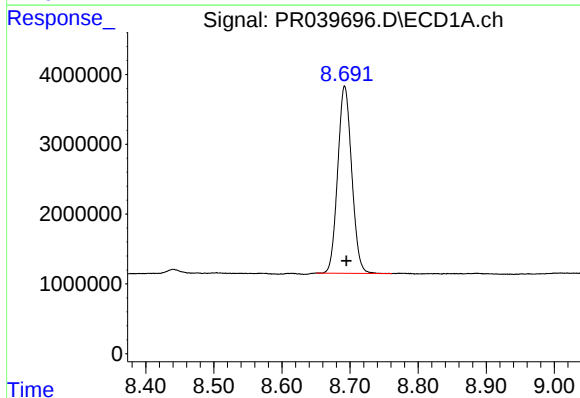
R.T.: 3.756 min
Delta R.T.: 0.000 min
Response: 37398735
Conc: 15.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



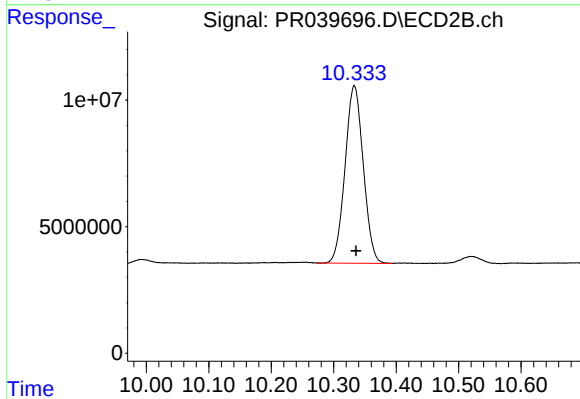
#1 Tetrachloro-m-xylene

R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 152176322
Conc: 15.18 ng/ml



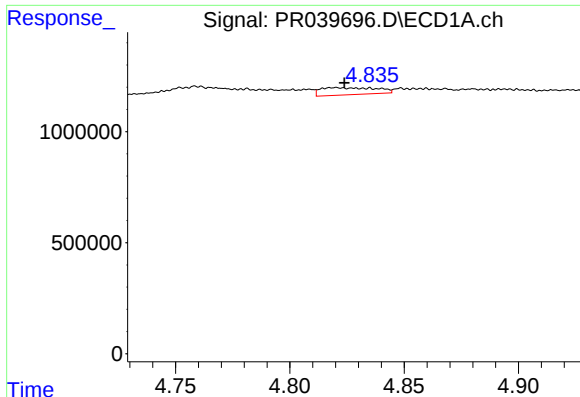
#2 Decachlorobiphenyl

R.T.: 8.692 min
Delta R.T.: -0.003 min
Response: 38345490
Conc: 15.43 ng/ml



#2 Decachlorobiphenyl

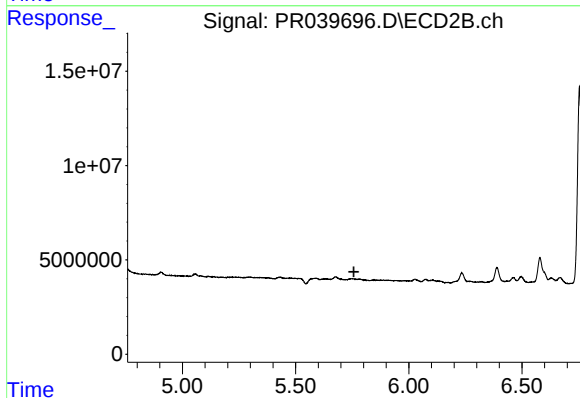
R.T.: 10.333 min
Delta R.T.: -0.003 min
Response: 142025830
Conc: 15.13 ng/ml



#3 AR-1016-1

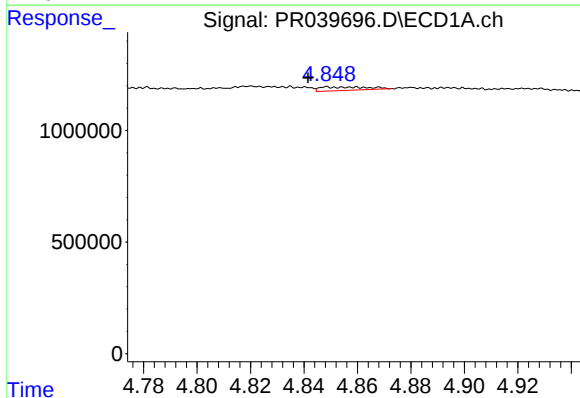
R.T.: 4.820 min
Delta R.T.: -0.003 min
Response: 544669
Conc: 6.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



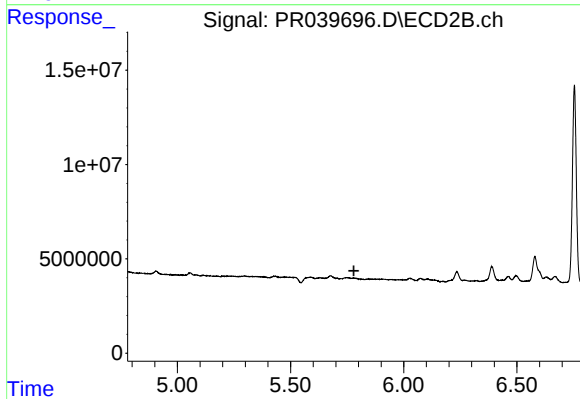
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.757 min
Response: 0
Conc: N.D.



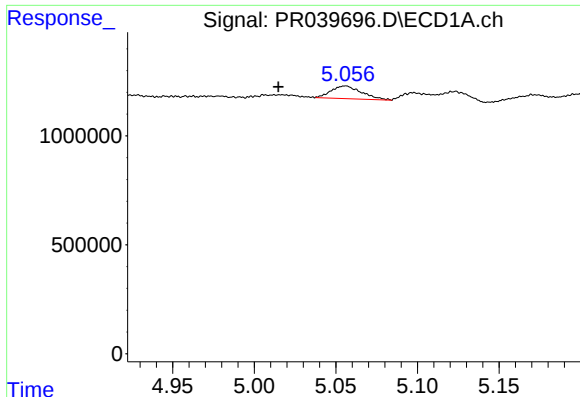
#4 AR-1016-2

R.T.: 4.849 min
Delta R.T.: 0.007 min
Response: 187798
Conc: 1.30 ng/ml



#4 AR-1016-2

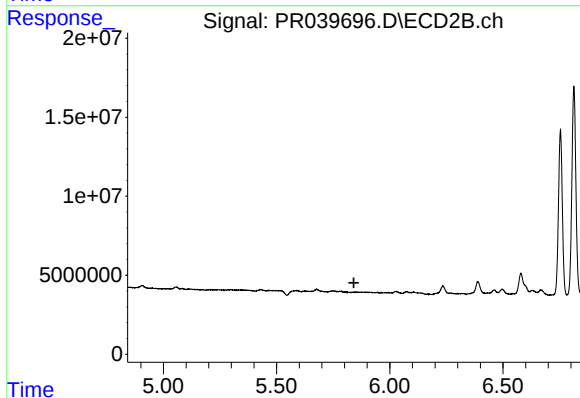
R.T.: 0.000 min
Exp R.T. : 5.780 min
Response: 0
Conc: N.D.



#5 AR-1016-3

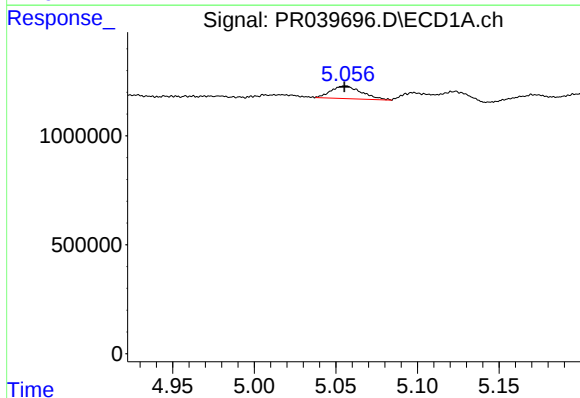
R.T.: 5.056 min
Delta R.T.: 0.041 min
Response: 757716
Conc: 10.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



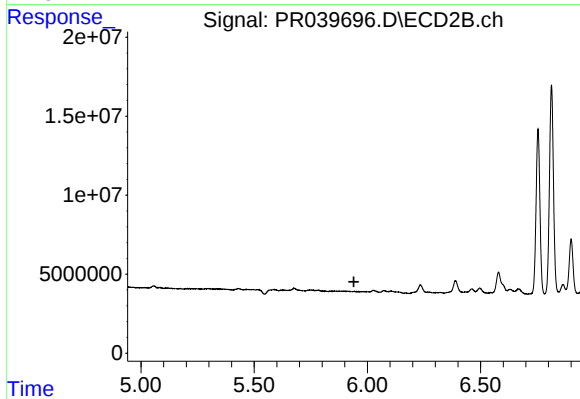
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.842 min
Response: 0
Conc: N.D.



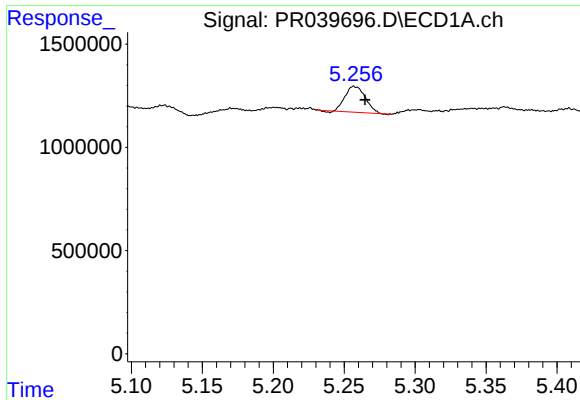
#6 AR-1016-4

R.T.: 5.056 min
Delta R.T.: 0.001 min
Response: 757716
Conc: 13.46 ng/ml



#6 AR-1016-4

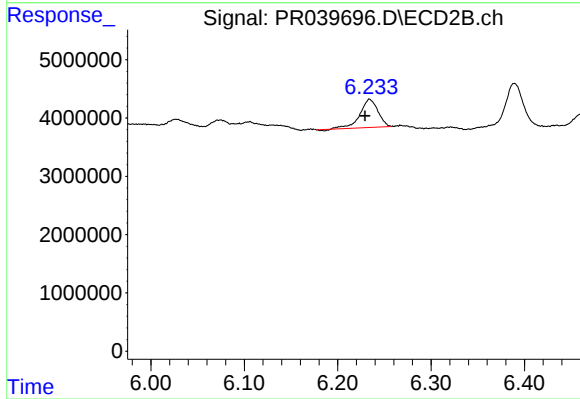
R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.



#7 AR-1016-5

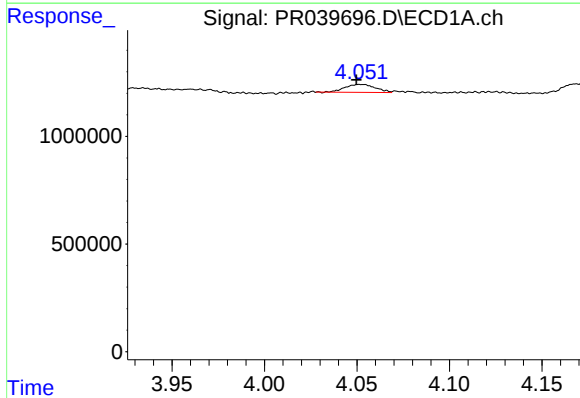
R.T.: 5.257 min
Delta R.T.: -0.008 min
Response: 1232374
Conc: 16.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



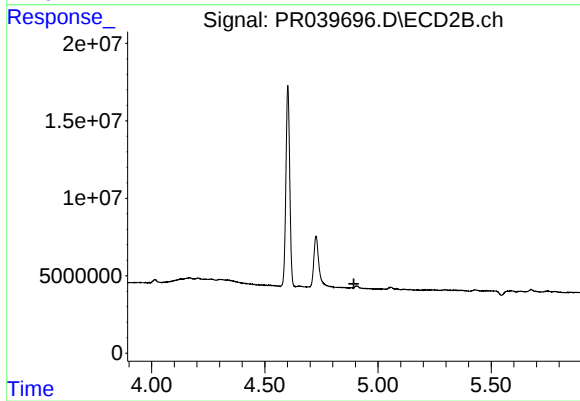
#7 AR-1016-5

R.T.: 6.234 min
Delta R.T.: 0.005 min
Response: 6434292
Conc: 25.61 ng/ml



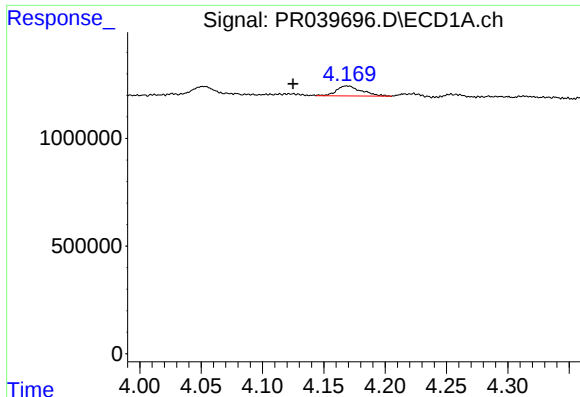
#9 AR-1221-2

R.T.: 4.051 min
Delta R.T.: 0.002 min
Response: 424671
Conc: 17.45 ng/ml



#9 AR-1221-2

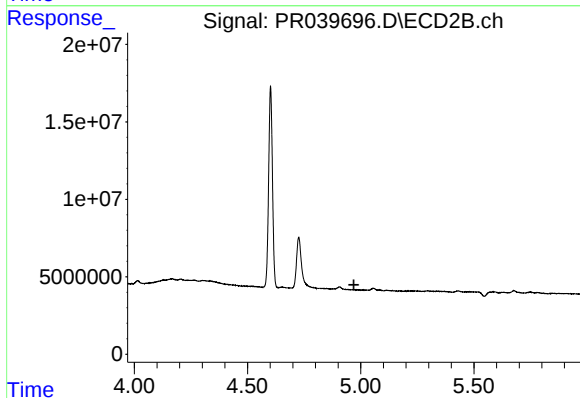
R.T.: 0.000 min
Exp R.T.: 4.893 min
Response: 0
Conc: N.D.



#10 AR-1221-3

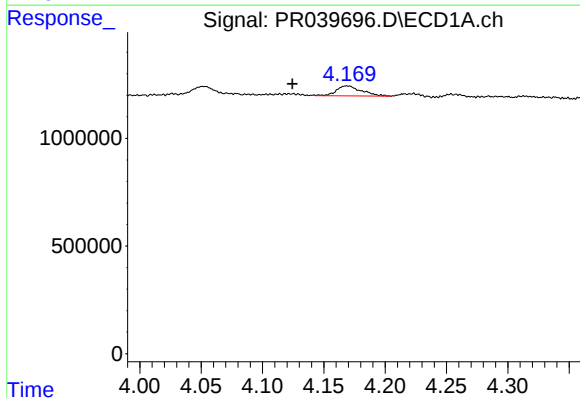
R.T.: 4.169 min
Delta R.T.: 0.044 min
Response: 661939
Conc: 8.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



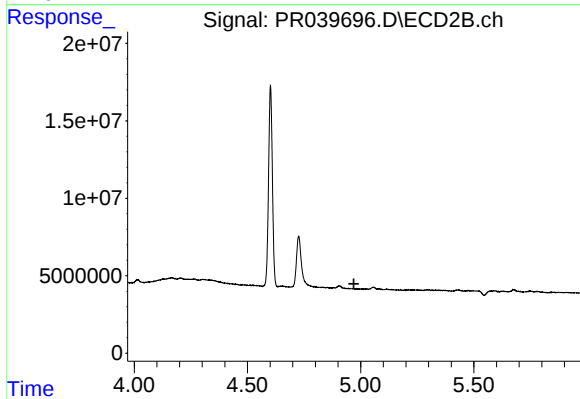
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.970 min
Response: 0
Conc: N.D.



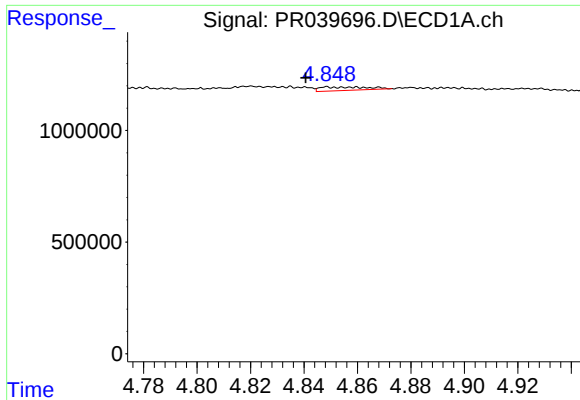
#11 AR-1232-1

R.T.: 4.169 min
Delta R.T.: 0.044 min
Response: 661939
Conc: 8.47 ng/ml



#11 AR-1232-1

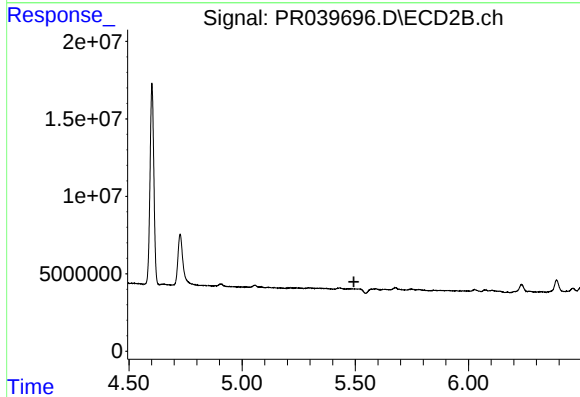
R.T.: 0.000 min
Exp R.T. : 4.970 min
Response: 0
Conc: N.D.



#12 AR-1232-2

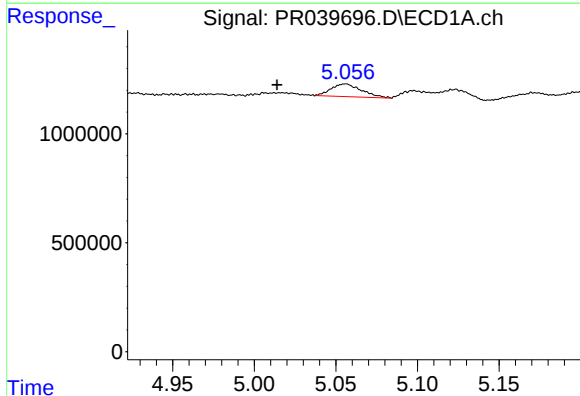
R.T.: 4.849 min
Delta R.T.: 0.008 min
Response: 187798
Conc: 2.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



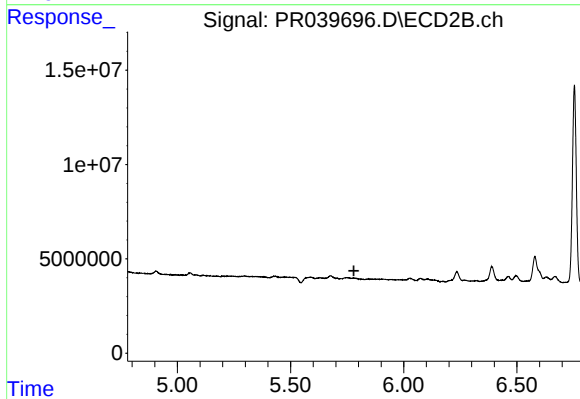
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.494 min
Response: 0
Conc: N.D.



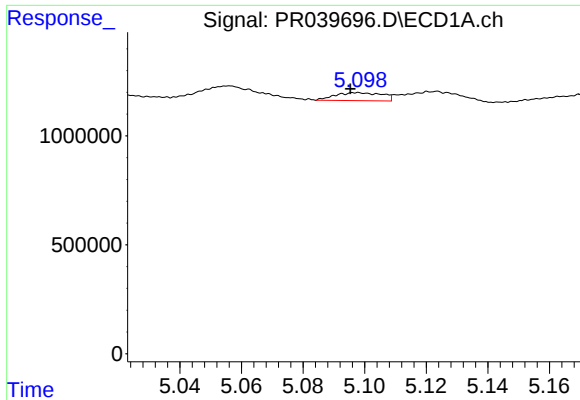
#13 AR-1232-3

R.T.: 5.056 min
Delta R.T.: 0.042 min
Response: 757716
Conc: 17.92 ng/ml



#13 AR-1232-3

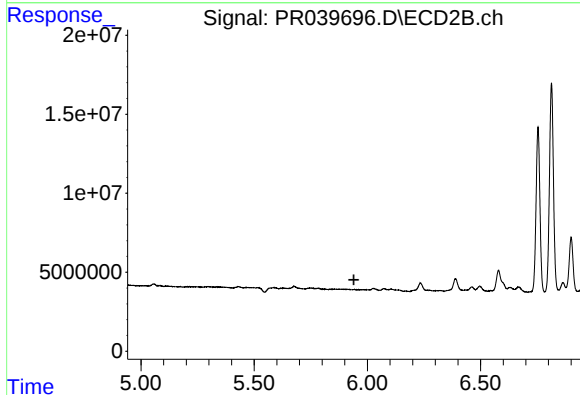
R.T.: 0.000 min
Exp R.T. : 5.780 min
Response: 0
Conc: N.D.



#14 AR-1232-4

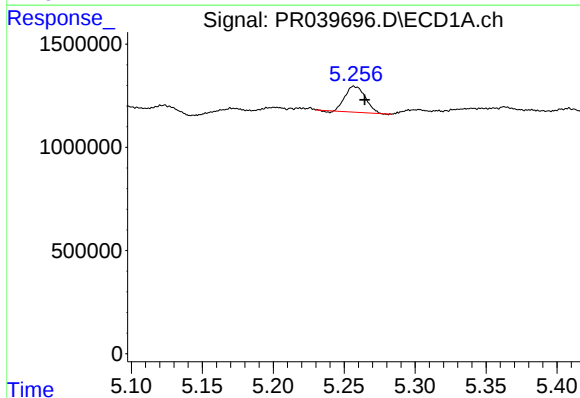
R.T.: 5.098 min
Delta R.T.: 0.002 min
Response: 382444
Conc: 9.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



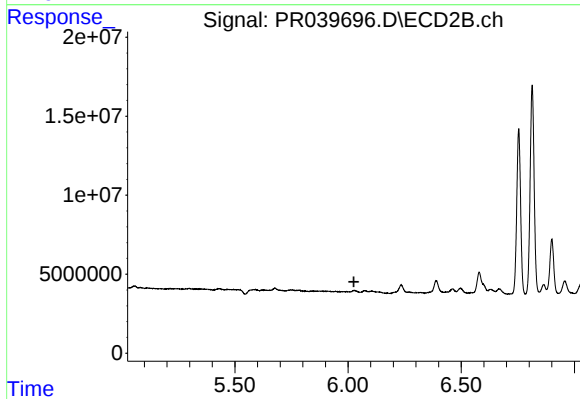
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.940 min
Response: 0
Conc: N.D.



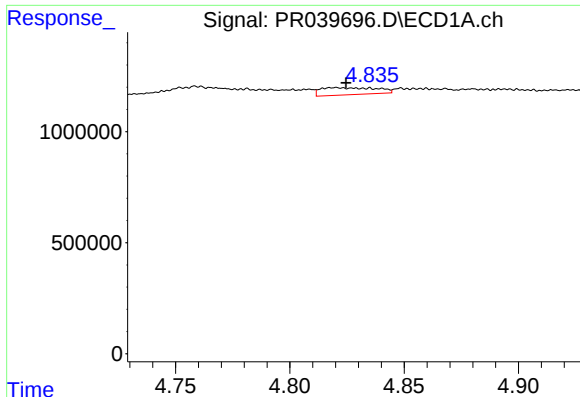
#15 AR-1232-5

R.T.: 5.257 min
Delta R.T.: -0.008 min
Response: 1232374
Conc: 29.12 ng/ml



#15 AR-1232-5

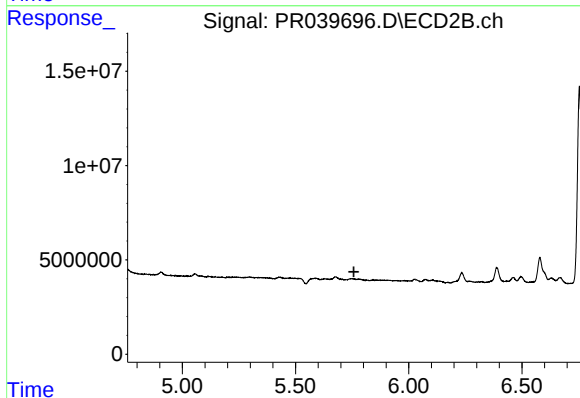
R.T.: 0.000 min
Exp R.T. : 6.026 min
Response: 0
Conc: N.D.



#16 AR-1242-1

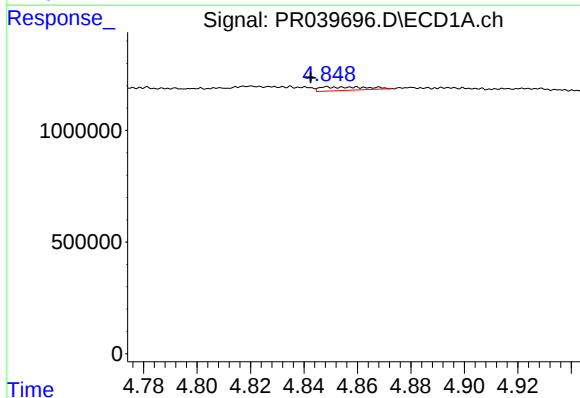
R.T.: 4.820 min
Delta R.T.: -0.004 min
Response: 544669
Conc: 5.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



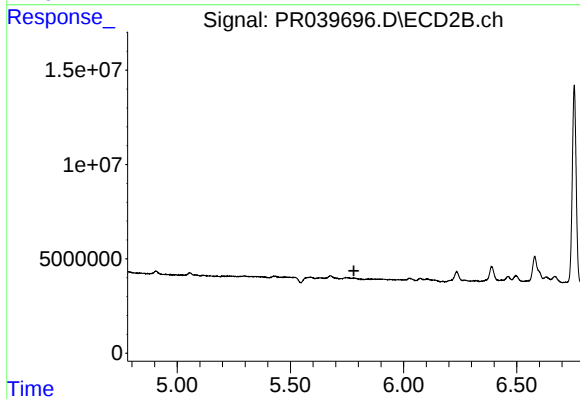
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.758 min
Response: 0
Conc: N.D.



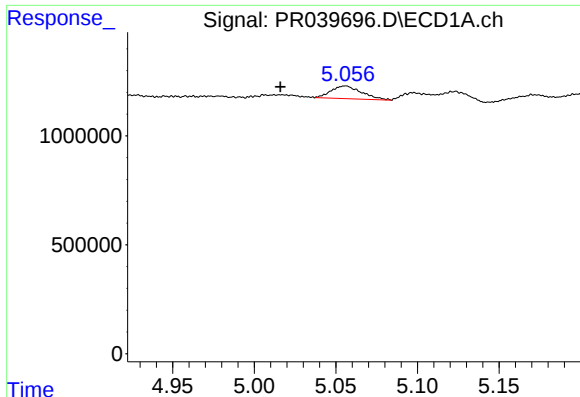
#17 AR-1242-2

R.T.: 4.849 min
Delta R.T.: 0.006 min
Response: 187798
Conc: 1.31 ng/ml



#17 AR-1242-2

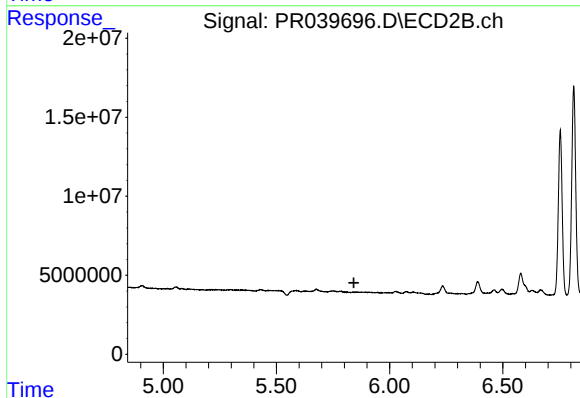
R.T.: 0.000 min
Exp R.T. : 5.780 min
Response: 0
Conc: N.D.



#18 AR-1242-3

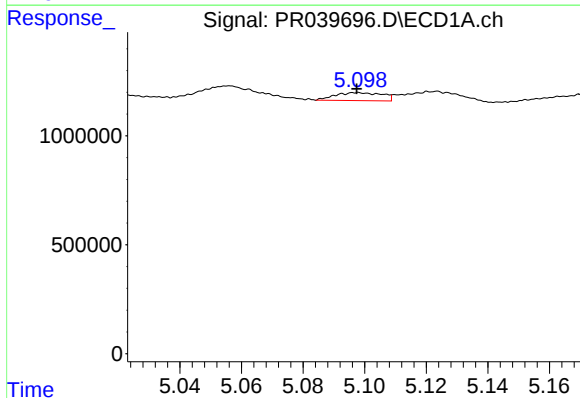
R.T.: 5.056 min
Delta R.T.: 0.040 min
Response: 757716
Conc: 10.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



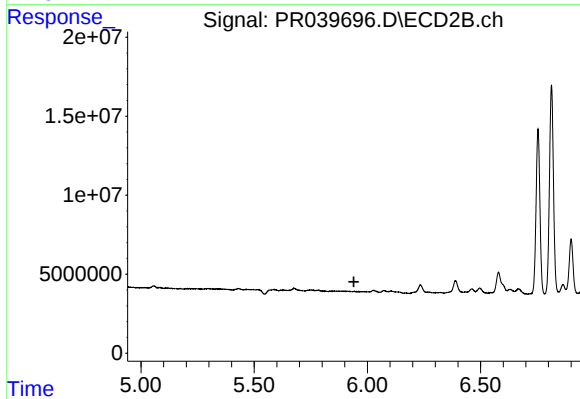
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.842 min
Response: 0
Conc: N.D.



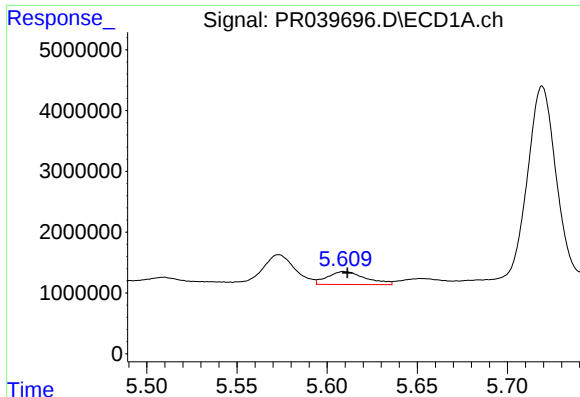
#19 AR-1242-4

R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 382444
Conc: 5.47 ng/ml



#19 AR-1242-4

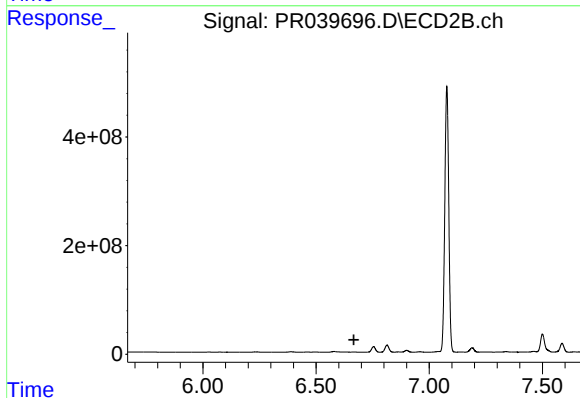
R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.



#20 AR-1242-5

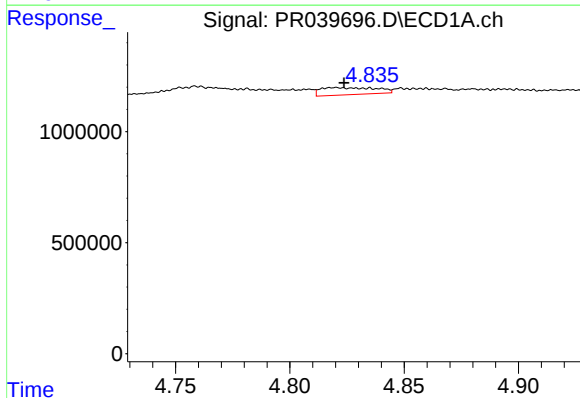
R.T.: 5.609 min
Delta R.T.: -0.002 min
Response: 3124893
Conc: 31.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



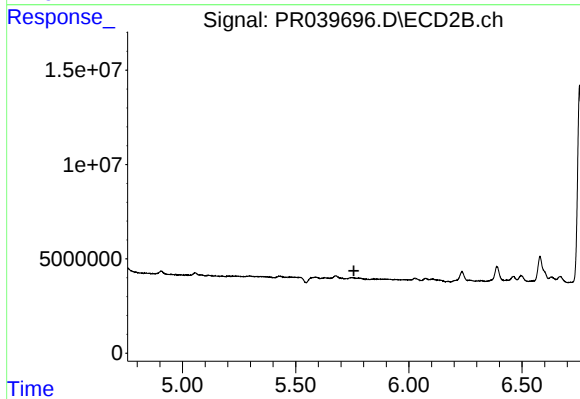
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.667 min
Response: 0
Conc: N.D.



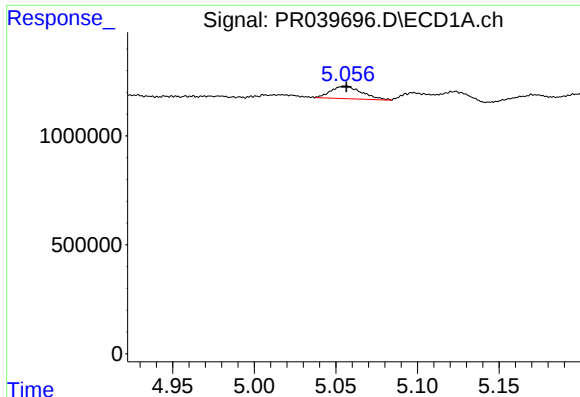
#21 AR-1248-1

R.T.: 4.820 min
Delta R.T.: -0.003 min
Response: 544669
Conc: 7.53 ng/ml



#21 AR-1248-1

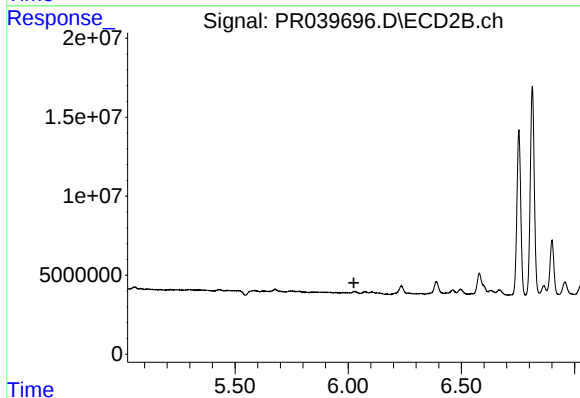
R.T.: 0.000 min
Exp R.T. : 5.757 min
Response: 0
Conc: N.D.



#22 AR-1248-2

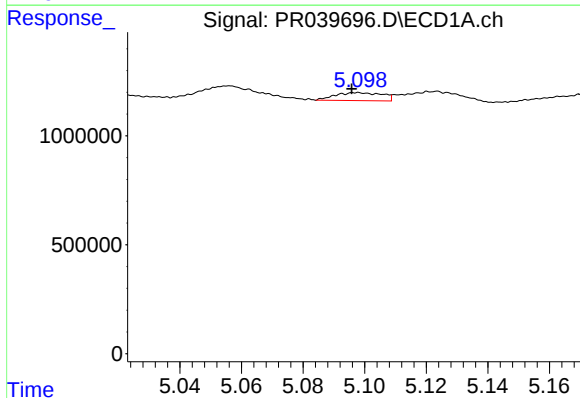
R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 757716
Conc: 9.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



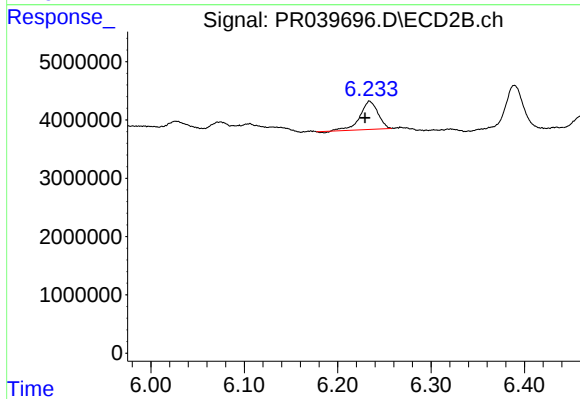
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.025 min
Response: 0
Conc: N.D.



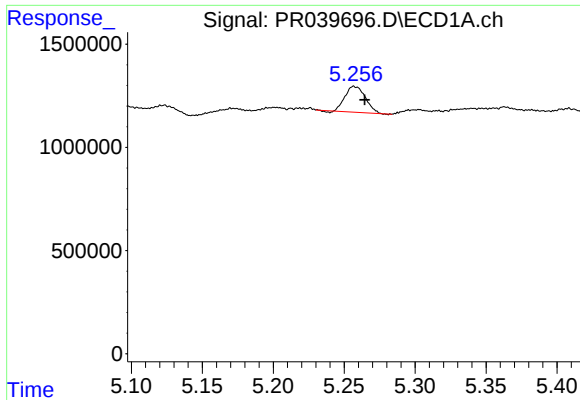
#23 AR-1248-3

R.T.: 5.098 min
Delta R.T.: 0.002 min
Response: 382444
Conc: 3.58 ng/ml



#23 AR-1248-3

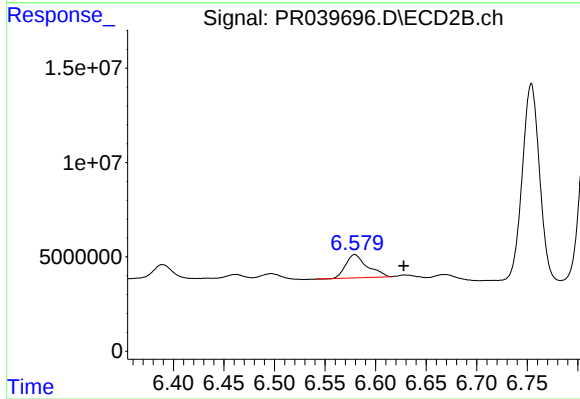
R.T.: 6.234 min
Delta R.T.: 0.005 min
Response: 6434292
Conc: 14.76 ng/ml



#24 AR-1248-4

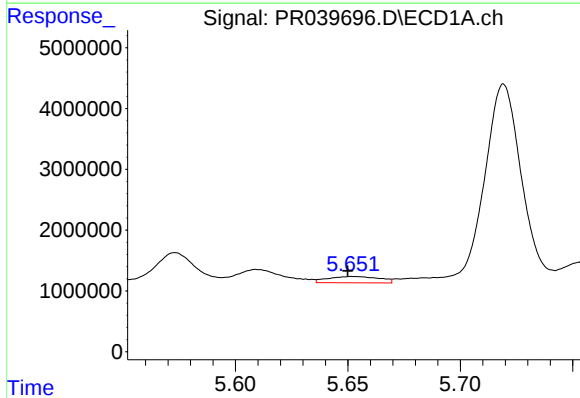
R.T.: 5.257 min
Delta R.T.: -0.008 min
Response: 1232374
Conc: 9.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



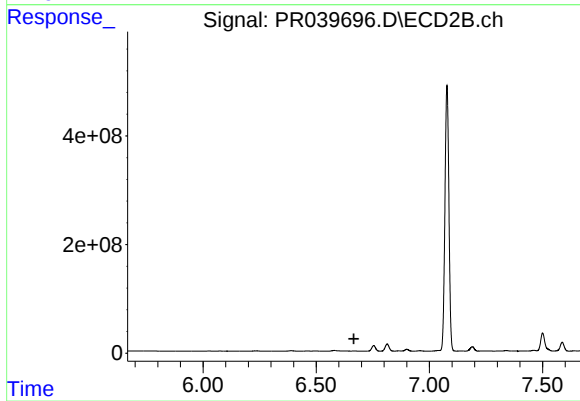
#24 AR-1248-4

R.T.: 6.579 min
Delta R.T.: -0.048 min
Response: 18281975
Conc: 35.20 ng/ml



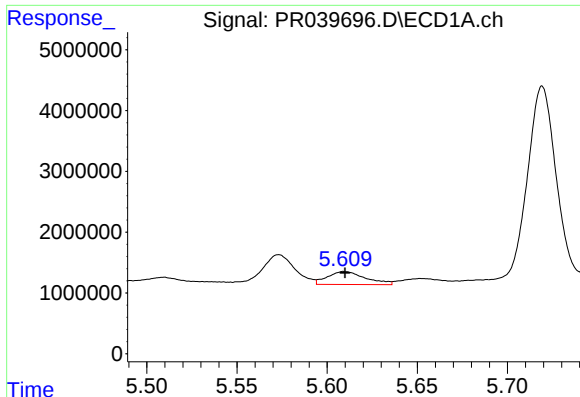
#25 AR-1248-5

R.T.: 5.652 min
Delta R.T.: 0.002 min
Response: 1668642
Conc: 11.51 ng/ml



#25 AR-1248-5

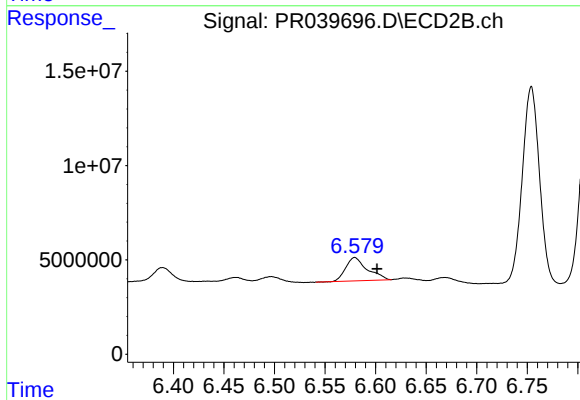
R.T.: 0.000 min
Exp R.T.: 6.666 min
Response: 0
Conc: N.D.



#26 AR-1254-1

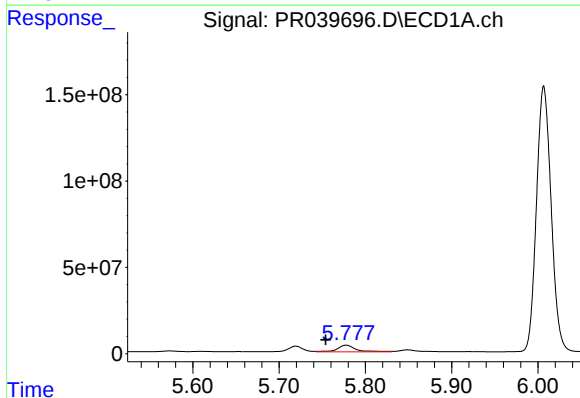
R.T.: 5.609 min
Delta R.T.: 0.000 min
Response: 3124893
Conc: 20.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



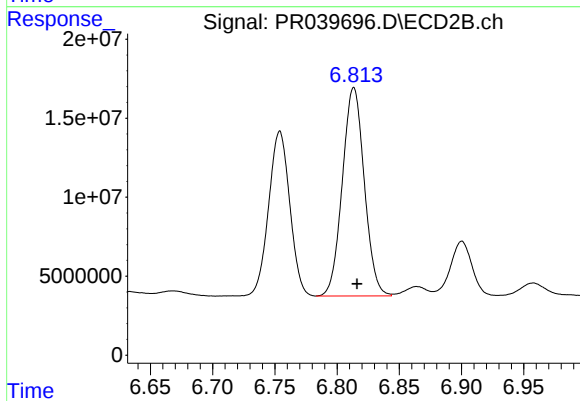
#26 AR-1254-1

R.T.: 6.579 min
Delta R.T.: -0.022 min
Response: 18281975
Conc: 50.19 ng/ml



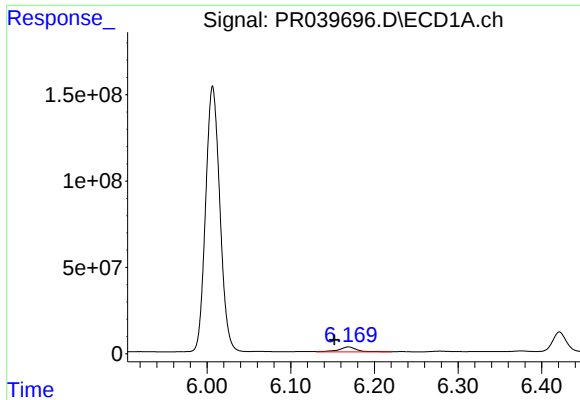
#27 AR-1254-2

R.T.: 5.778 min
Delta R.T.: 0.024 min
Response: 57139536
Conc: 436.40 ng/ml



#27 AR-1254-2

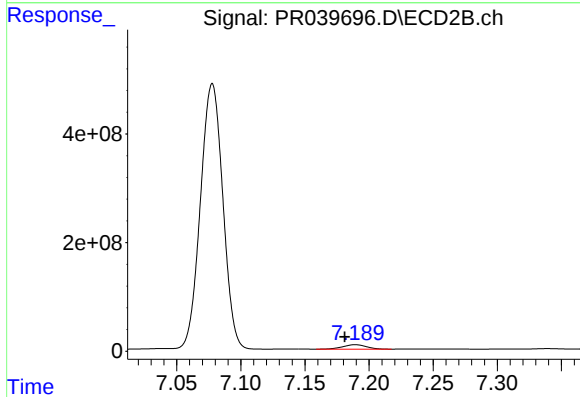
R.T.: 6.813 min
Delta R.T.: -0.003 min
Response: 162011267
Conc: 283.64 ng/ml



#28 AR-1254-3

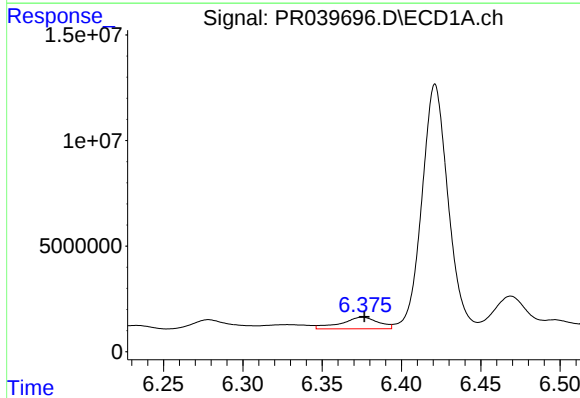
R.T.: 6.169 min
Delta R.T.: 0.017 min
Response: 44118384
Conc: 197.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



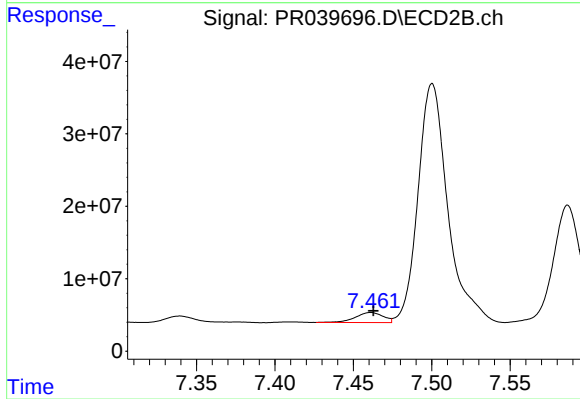
#28 AR-1254-3

R.T.: 7.189 min
Delta R.T.: 0.008 min
Response: 103738499
Conc: 166.38 ng/ml



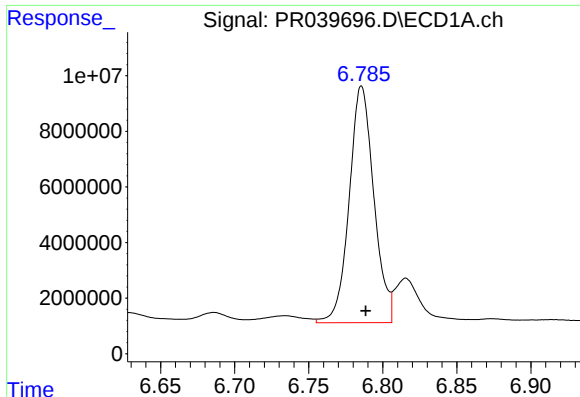
#29 AR-1254-4

R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 8991333
Conc: 61.83 ng/ml



#29 AR-1254-4

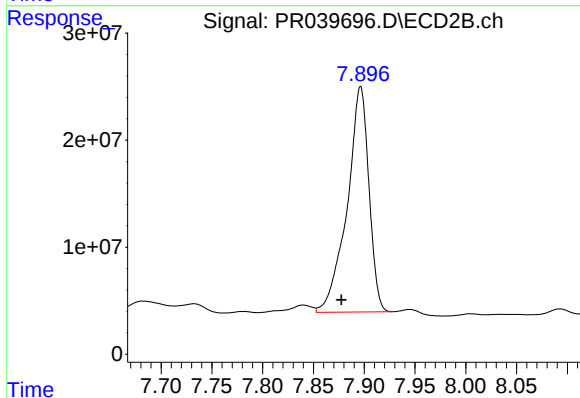
R.T.: 7.461 min
Delta R.T.: -0.002 min
Response: 17119917
Conc: 37.80 ng/ml



#30 AR-1254-5

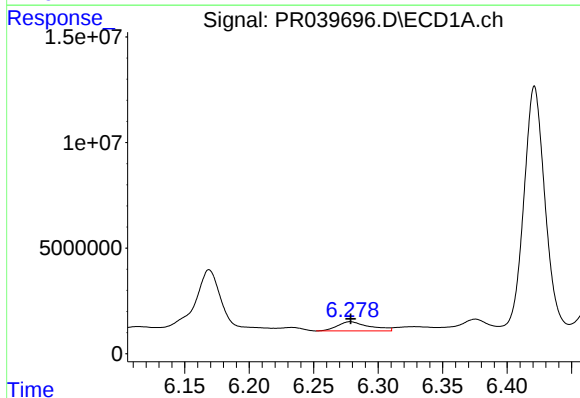
R.T.: 6.786 min
Delta R.T.: -0.003 min
Response: 98586862
Conc: 517.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



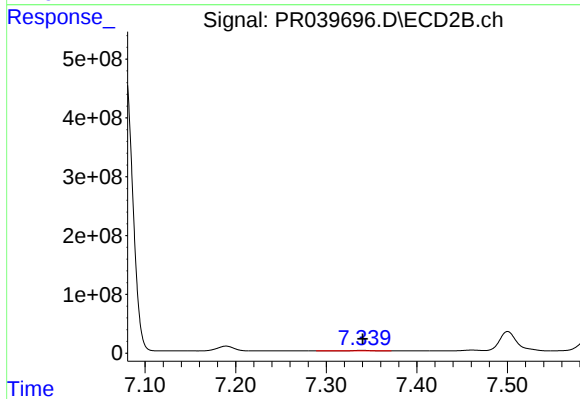
#30 AR-1254-5

R.T.: 7.896 min
Delta R.T.: 0.019 min
Response: 314009226
Conc: 661.35 ng/ml



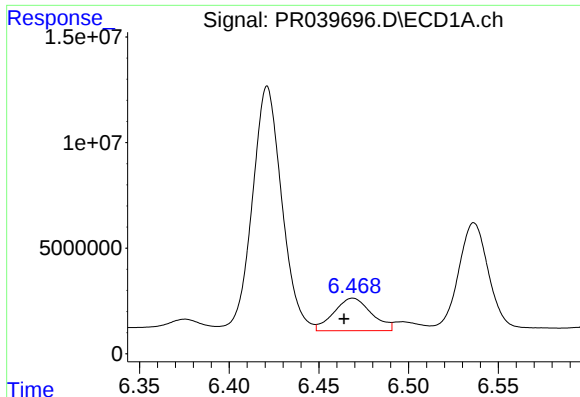
#31 AR-1260-1

R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 7522256
Conc: 51.62 ng/ml



#31 AR-1260-1

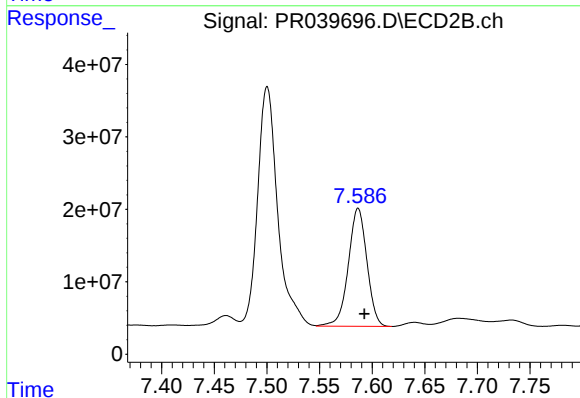
R.T.: 7.339 min
Delta R.T.: -0.001 min
Response: 11874835
Conc: 26.76 ng/ml



#32 AR-1260-2

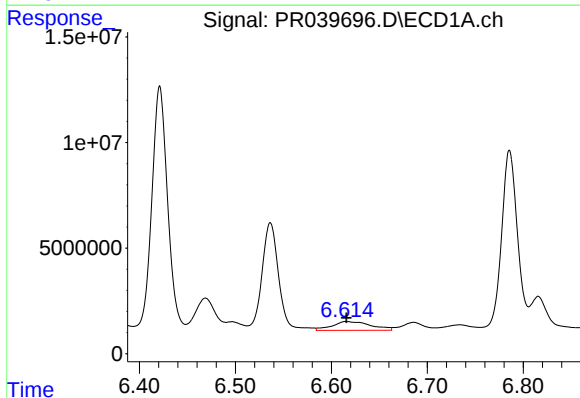
R.T.: 6.469 min
Delta R.T.: 0.005 min
Response: 22408056
Conc: 121.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



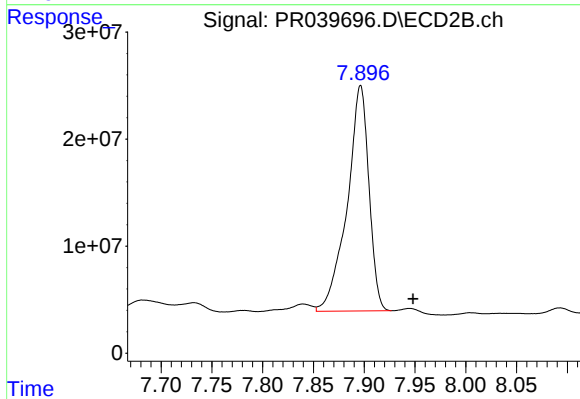
#32 AR-1260-2

R.T.: 7.587 min
Delta R.T.: -0.006 min
Response: 200402351
Conc: 365.59 ng/ml



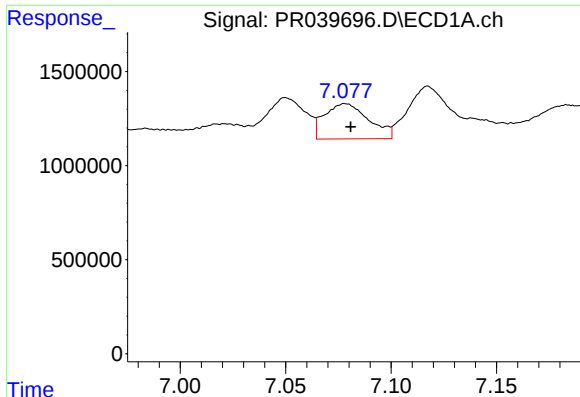
#33 AR-1260-3

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 11850403
Conc: 71.53 ng/ml



#33 AR-1260-3

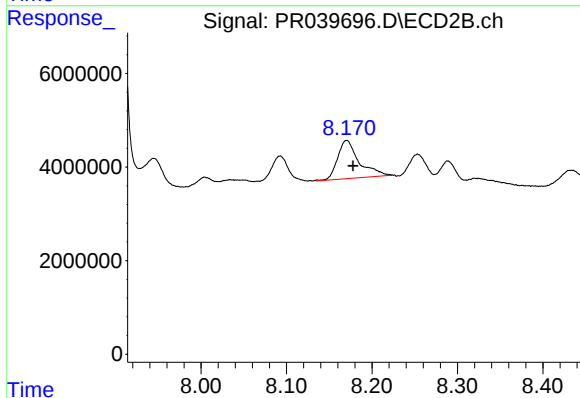
R.T.: 7.896 min
Delta R.T.: -0.052 min
Response: 314009226
Conc: 749.00 ng/ml



#34 AR-1260-4

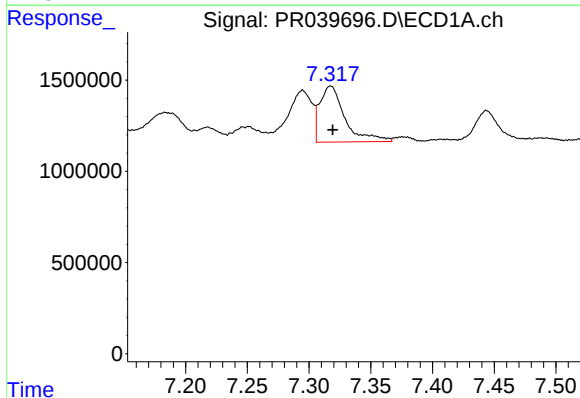
R.T.: 7.078 min
Delta R.T.: -0.003 min
Response: 2751101
Conc: 19.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



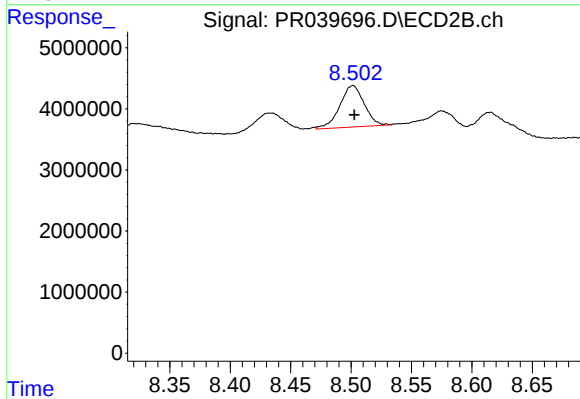
#34 AR-1260-4

R.T.: 8.170 min
Delta R.T.: -0.007 min
Response: 14225812
Conc: 29.48 ng/ml



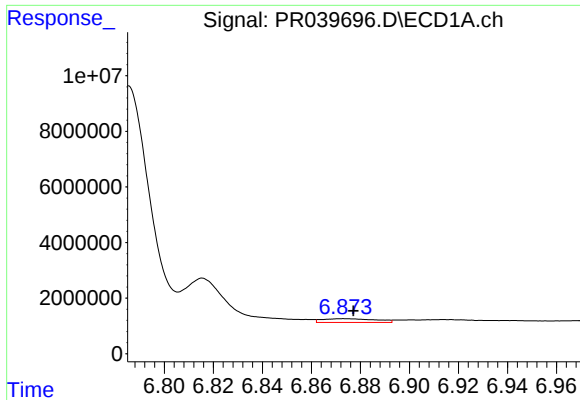
#35 AR-1260-5

R.T.: 7.317 min
Delta R.T.: -0.002 min
Response: 4343190
Conc: 12.59 ng/ml



#35 AR-1260-5

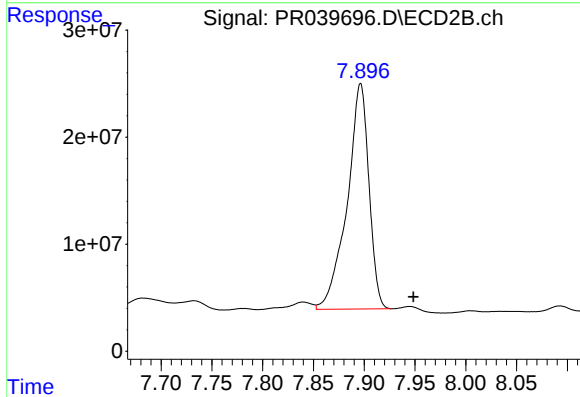
R.T.: 8.502 min
Delta R.T.: -0.001 min
Response: 9476363
Conc: 9.24 ng/ml



#36 AR-1262-1

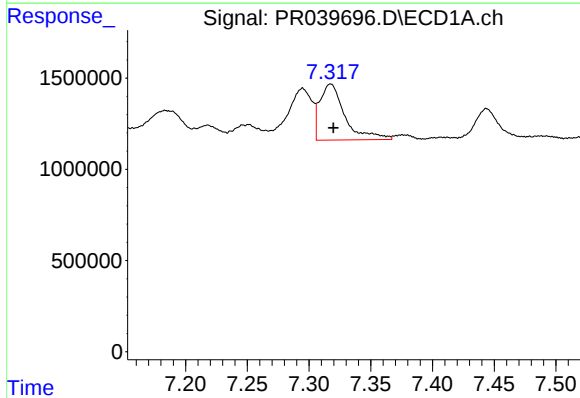
R.T.: 6.873 min
Delta R.T.: -0.004 min
Response: 2053690
Conc: 13.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



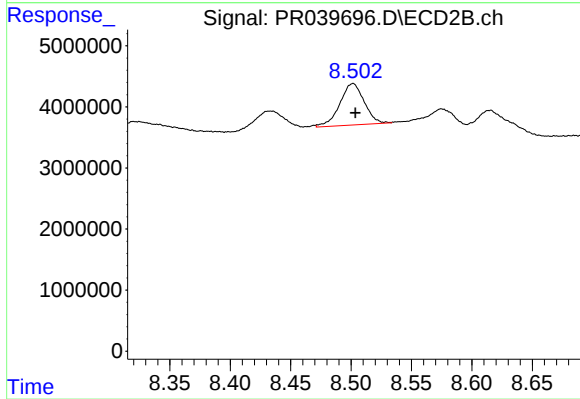
#36 AR-1262-1

R.T.: 7.896 min
Delta R.T.: -0.052 min
Response: 314009226
Conc: 302.48 ng/ml



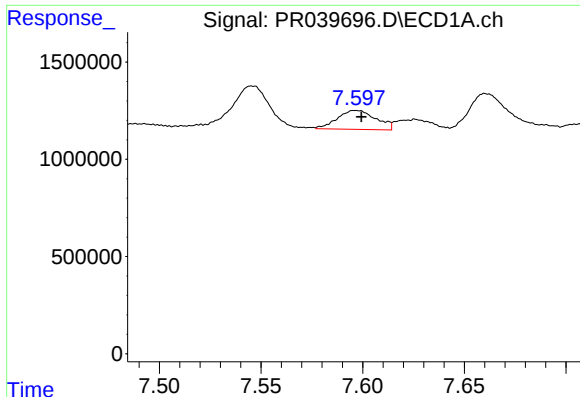
#37 AR-1262-2

R.T.: 7.317 min
Delta R.T.: -0.002 min
Response: 4343190
Conc: 6.43 ng/ml



#37 AR-1262-2

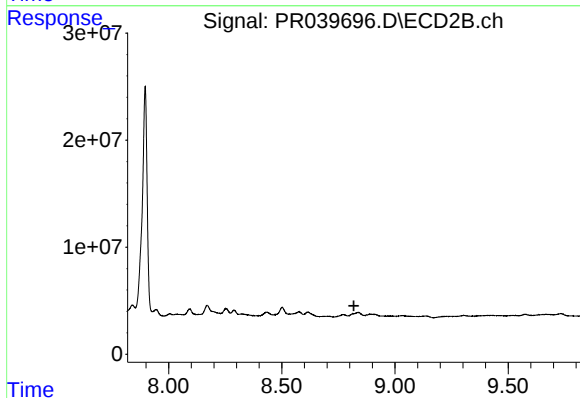
R.T.: 8.502 min
Delta R.T.: -0.002 min
Response: 9476363
Conc: 4.70 ng/ml



#38 AR-1262-3

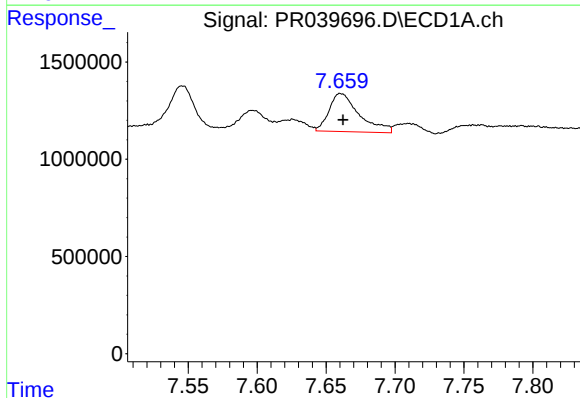
R.T.: 7.597 min
Delta R.T.: -0.002 min
Response: 1286231
Conc: 5.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



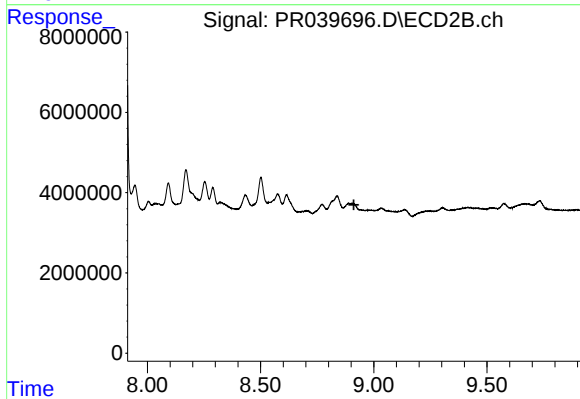
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.819 min
Response: 0
Conc: N.D.



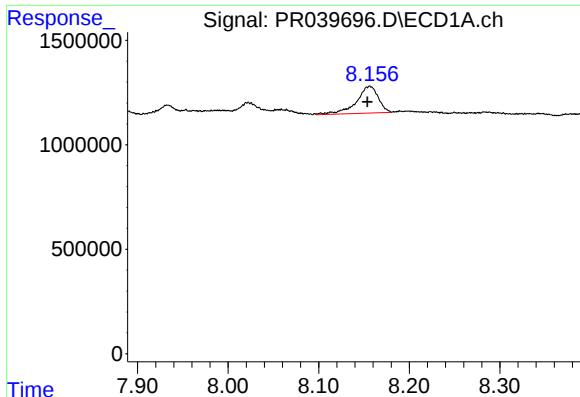
#39 AR-1262-4

R.T.: 7.661 min
Delta R.T.: -0.002 min
Response: 2983063
Conc: 6.44 ng/ml



#39 AR-1262-4

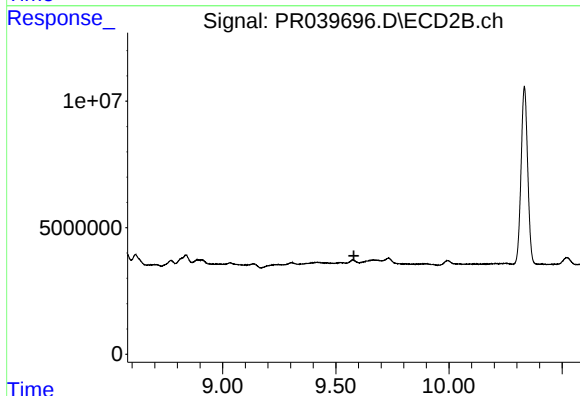
R.T.: 0.000 min
Exp R.T. : 8.912 min
Response: 0
Conc: N.D.



#40 AR-1262-5

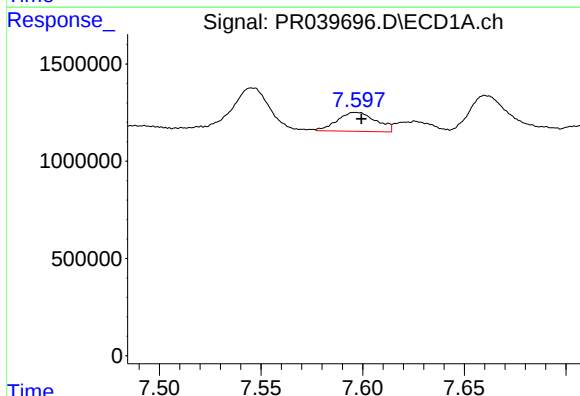
R.T.: 8.156 min
Delta R.T.: 0.003 min
Response: 2154822
Conc: 11.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



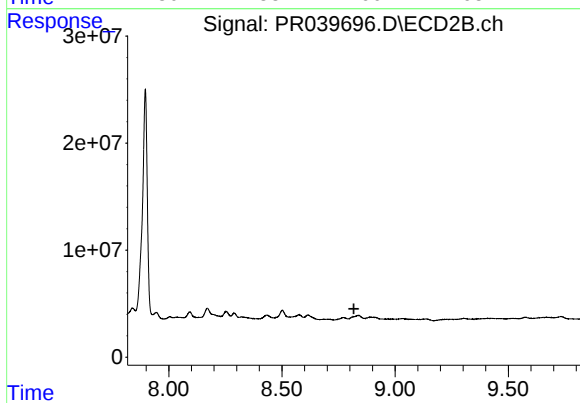
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.580 min
Response: 0
Conc: N.D.



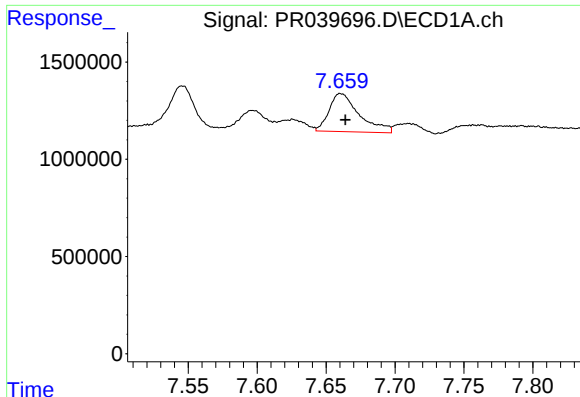
#41 AR-1268-1

R.T.: 7.597 min
Delta R.T.: -0.002 min
Response: 1286231
Conc: 1.68 ng/ml



#41 AR-1268-1

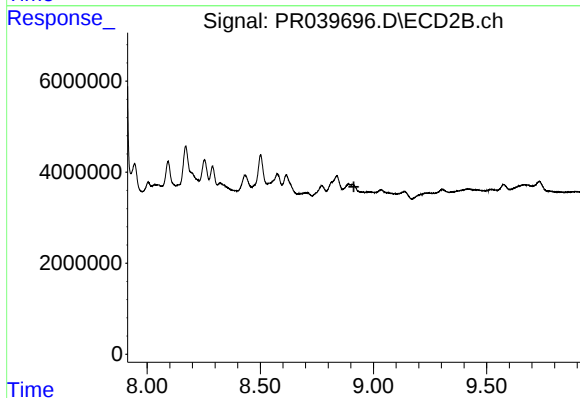
R.T.: 0.000 min
Exp R.T. : 8.818 min
Response: 0
Conc: N.D.



#42 AR-1268-2

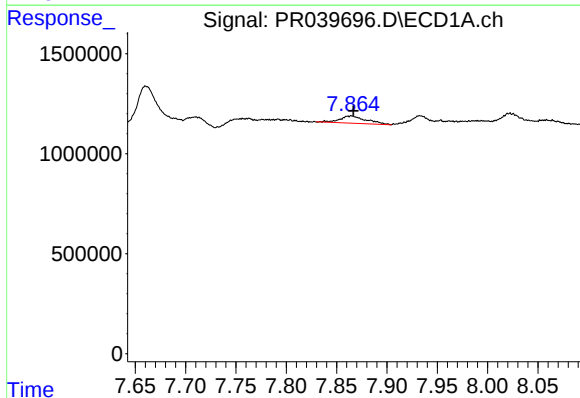
R.T.: 7.661 min
Delta R.T.: -0.003 min
Response: 2983063
Conc: 4.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



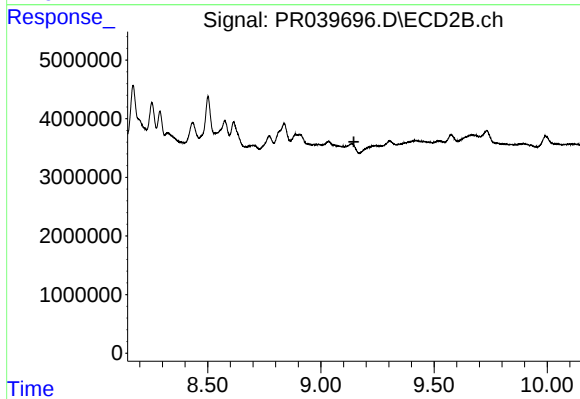
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.913 min
Response: 0
Conc: N.D.



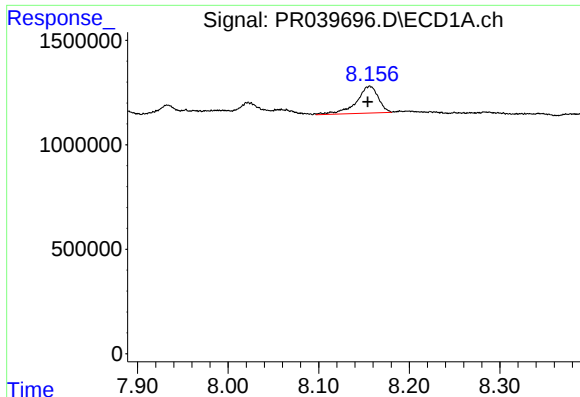
#43 AR-1268-3

R.T.: 7.865 min
Delta R.T.: -0.002 min
Response: 662592
Conc: 1.19 ng/ml



#43 AR-1268-3

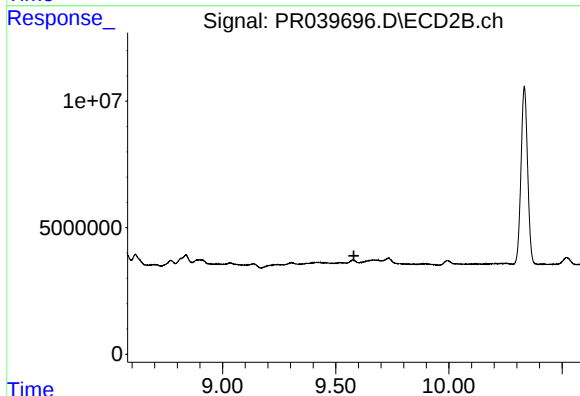
R.T.: 0.000 min
Exp R.T. : 9.146 min
Response: 0
Conc: N.D.



#44 AR-1268-4

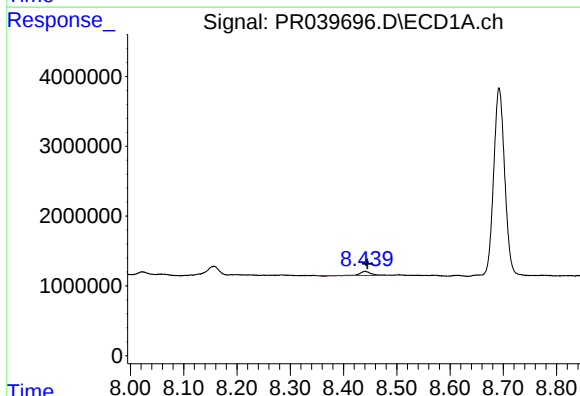
R.T.: 8.156 min
Delta R.T.: 0.002 min
Response: 2154822
Conc: 9.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



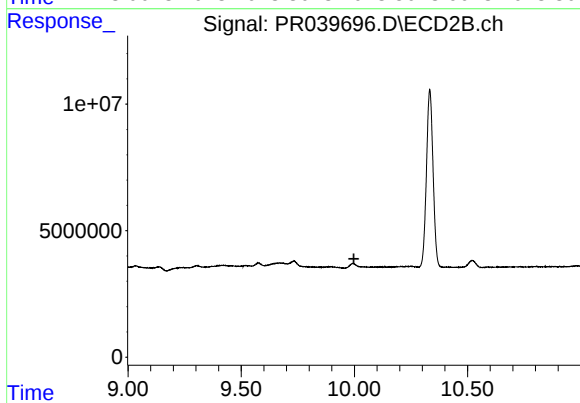
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.580 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.440 min
Delta R.T.: -0.004 min
Response: 839565
Conc: 0.49 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.998 min
Response: 0
Conc: N.D.