

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092719\
 Data File : PR041609.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2019 18:24
 Operator : SM\AJ
 Sample : K5027-07 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 C0AW9

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 28 00:38:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR092319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 24 04:36:18 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.739	4.004	4191617	20369156	3.158	3.367
2)	SA Decachlor...	10.664	9.122	32597984	41127253	10.213	3.812 #
Target Compounds							
3)	L1 AR-1016-1	5.914	5.101	2653369	8543100	41.493	57.978 #
4)	L1 AR-1016-2	5.937	5.122	8802438	18048718	96.664	87.666
5)	L1 AR-1016-3	6.003	5.301	1795586	7830255	32.721	66.169 #
6)	L1 AR-1016-4	6.100	5.338	5541341	94353409	115.530	968.561 #
7)	L1 AR-1016-5	6.393	5.556	33850615	69010896	684.239	496.397 #
10)	L2 AR-1221-3	0.000	4.392	0	355312	N.D.	3.351 #
11)	L3 AR-1232-1	0.000	4.392	0	355312	N.D.	4.408 #
12)	L3 AR-1232-2	5.646	5.122	2113720	18048718	129.201	185.582 #
13)	L3 AR-1232-3	5.937	5.301	8802438	7830255	232.180	174.379
14)	L3 AR-1232-4	6.100	5.382	5541341	37662937	300.316	899.169 #
15)	L3 AR-1232-5	6.186	5.556	39542082	69010896	2861.701	1290.065 #
16)	L4 AR-1242-1	5.914	5.101	2653369	8543100	51.585	76.188 #
17)	L4 AR-1242-2	5.937	5.122	8802438	18048718	120.772	112.883
18)	L4 AR-1242-3	6.003	5.301	1795586	7830255	40.609	86.326 #
19)	L4 AR-1242-4	6.100	5.382	5541341	37662937	151.054	400.221 #
20)	L4 AR-1242-5	6.838	5.910	105.5E6	665.6E6	2057.720	3923.863 #
21)	L5 AR-1248-1	5.914	5.101	2653369	8543100	72.287	101.356 #
22)	L5 AR-1248-2	6.186	5.338	39542082	94353409	717.868	775.749
23)	L5 AR-1248-3	6.393	5.382	33850615	37662937	527.184	297.076 #
24)	L5 AR-1248-4	6.796	5.556	95066345	69010896	1113.933	411.155 #
25)	L5 AR-1248-5	6.838	5.952	105.5E6	147.9E6	1294.415	679.370 #
26)	L6 AR-1254-1	6.770	5.910	194.2E6	665.6E6	2333.490	2052.532
27)	L6 AR-1254-2	6.987	6.057	402.8E6	745.6E6	2866.304	2440.438
28)	L6 AR-1254-3	7.356	6.465	654.0E6	1797.0E6	3859.665	3211.403
29)	L6 AR-1254-4	7.641	6.692	548.7E6	1392.9E6	4042.324	3263.867
30)	L6 AR-1254-5	8.062	7.113	744.1E6	2280.1E6	4838.950	3941.243
31)	L7 AR-1260-1	7.520	6.595	269.4E6	862.9E6	2275.240	2215.558
32)	L7 AR-1260-2	7.773	6.781	385.7E6	921.5E6	2613.519	1709.338 #
33)	L7 AR-1260-3	8.130	6.937	89543889	788.7E6	772.124	1688.461 #
34)	L7 AR-1260-4	8.366	7.412	416.2E6	188.7E6	2914.918	445.287 #
35)	L7 AR-1260-5	8.715	7.651	195.2E6	563.3E6	633.611	462.419 #
36)	L8 AR-1262-1	8.197	7.113	31705520	2280.1E6	411.656	6812.242 #
37)	L8 AR-1262-2	8.715	7.651	195.2E6	563.3E6	514.878	407.887
38)	L8 AR-1262-3	9.069	7.937	137.1E6	61938401	519.950	108.295 #
39)	L8 AR-1262-4	9.122	8.000	47431291	438.4E6	240.199	432.607 #
40)	L8 AR-1262-5	9.850	8.520	29009948	92050757	185.279	164.438
41)	L9 AR-1268-1	9.069	7.937	137.1E6	61938401	285.076	36.601 #
42)	L9 AR-1268-2	9.122	8.000	47431291	438.4E6	107.241	280.232 #
43)	L9 AR-1268-3	0.000	8.219	0	13121389	N.D.	9.917 #

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Integration File signal 1: autoint1.e
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 Quant Time: Sep 28 00:38:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR092319CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	9.850	8.520	29009948	92050757	165.699	153.379
45) L9	AR-1268-5	10.302	8.839	69467842	53789150	49.118	12.202 #

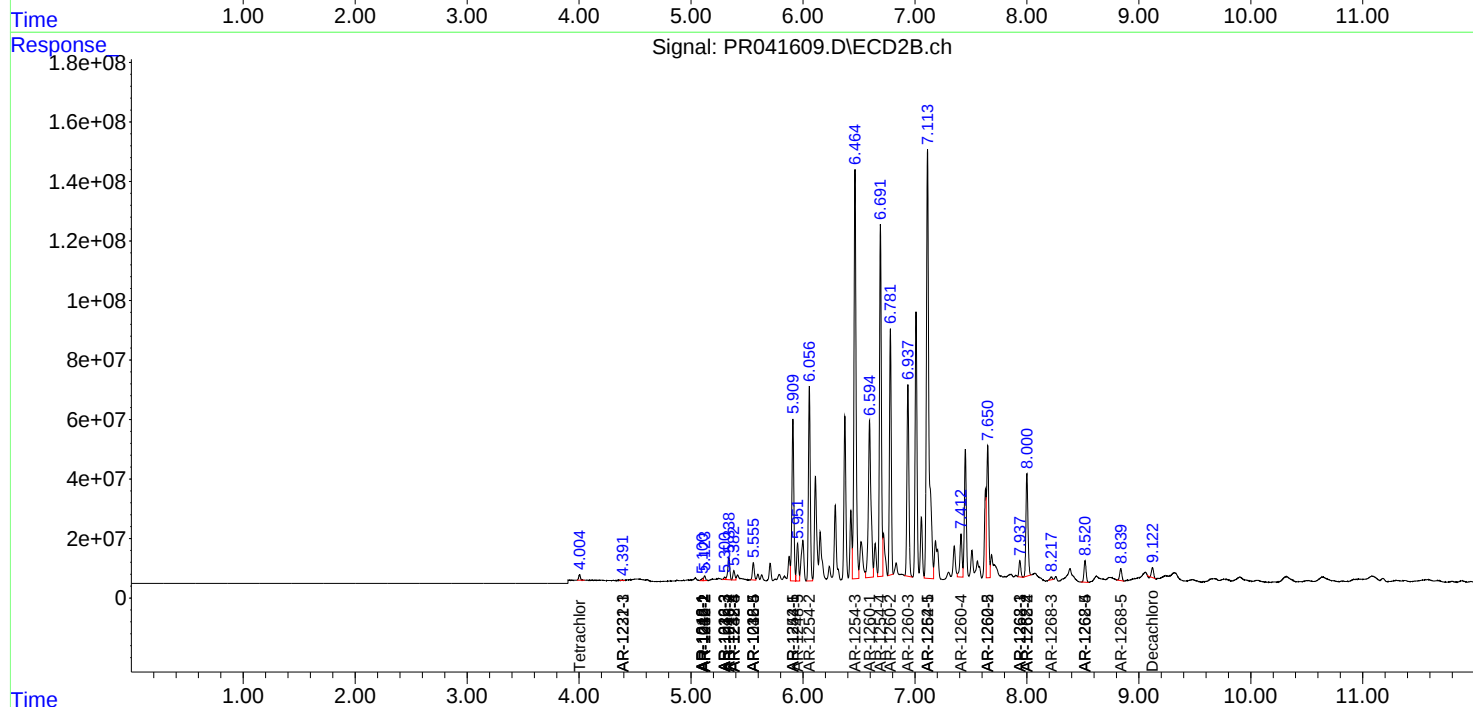
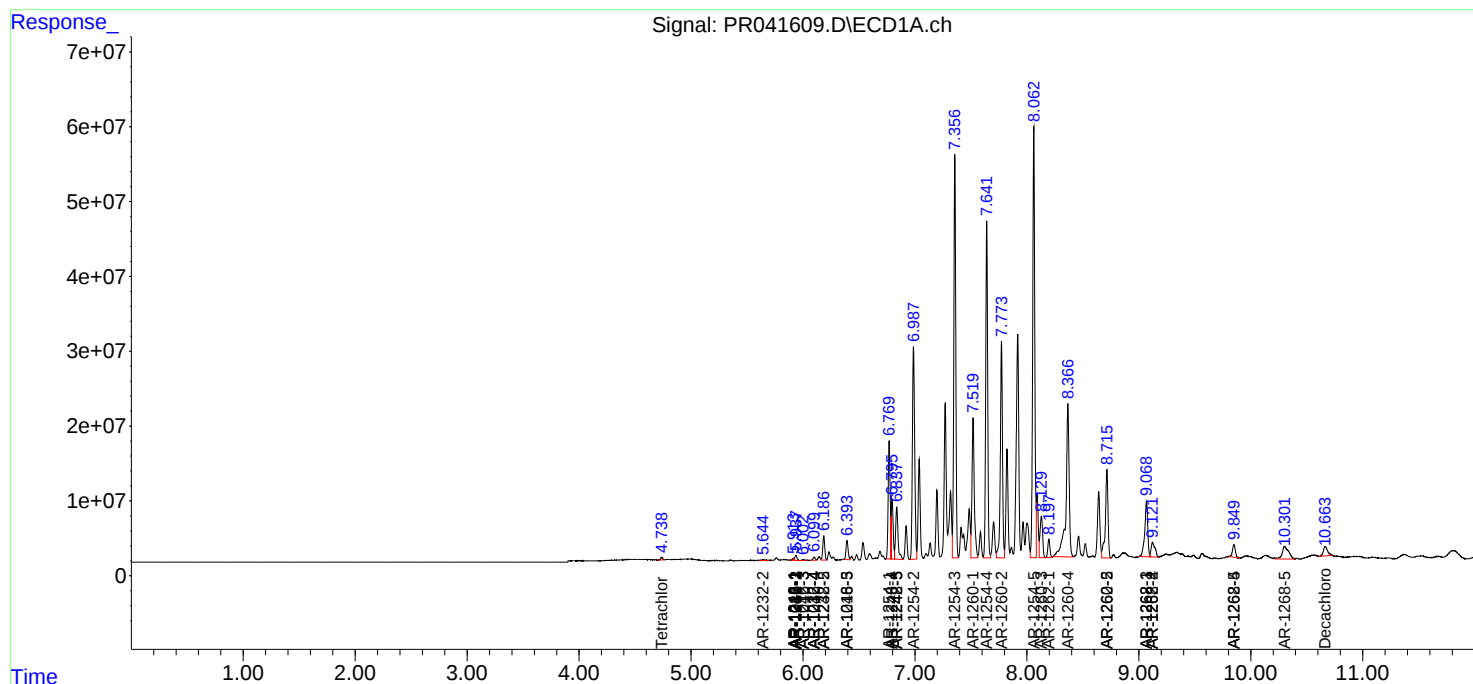
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

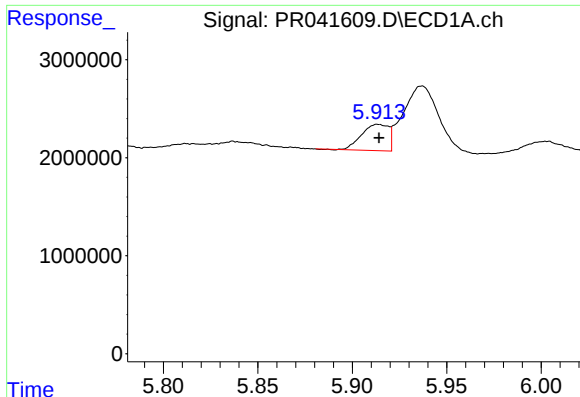
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092719\
Data File : PR041609.D
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

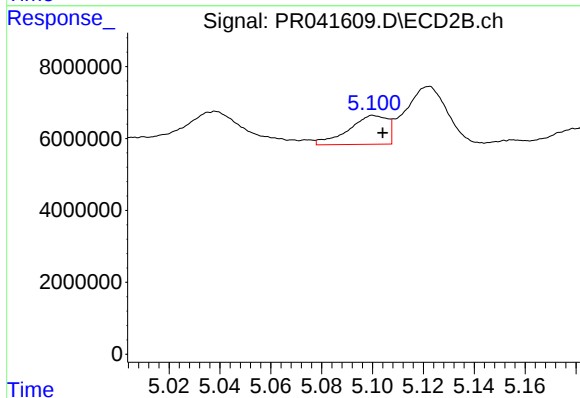




#3 AR-1016-1

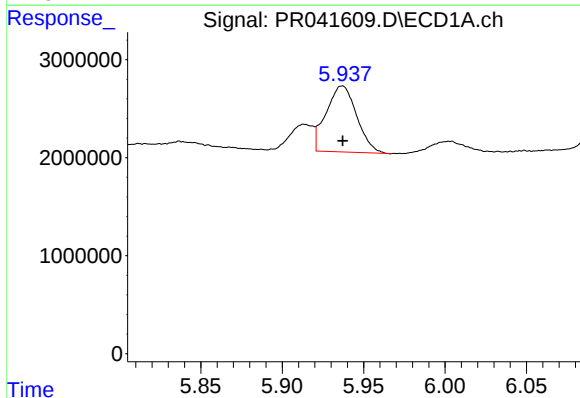
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 2653369
Conc: 41.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW9



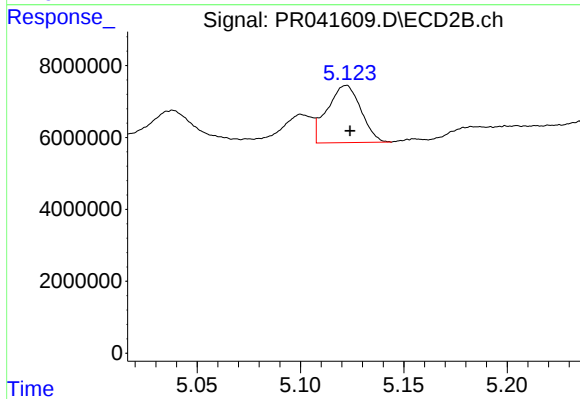
#3 AR-1016-1

R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 8543100
Conc: 57.98 ng/ml



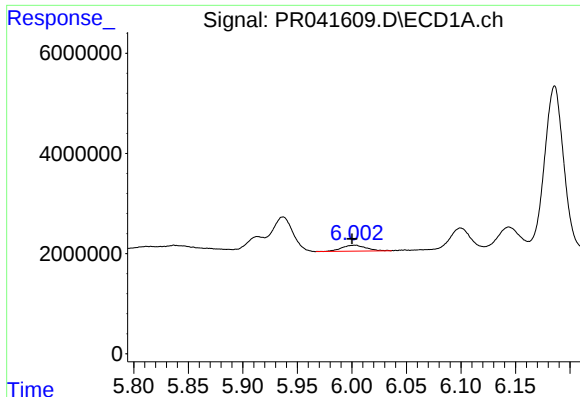
#4 AR-1016-2

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 8802438
Conc: 96.66 ng/ml



#4 AR-1016-2

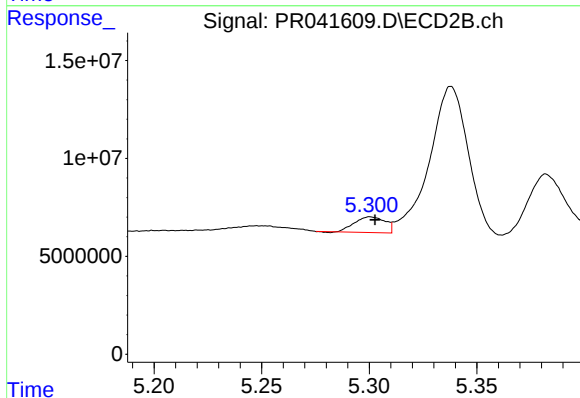
R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 18048718
Conc: 87.67 ng/ml



#5 AR-1016-3

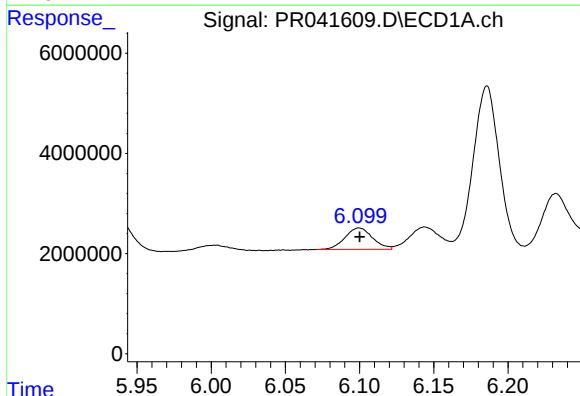
R.T.: 6.003 min
Delta R.T.: 0.003 min
Response: 1795586
Conc: 32.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW9



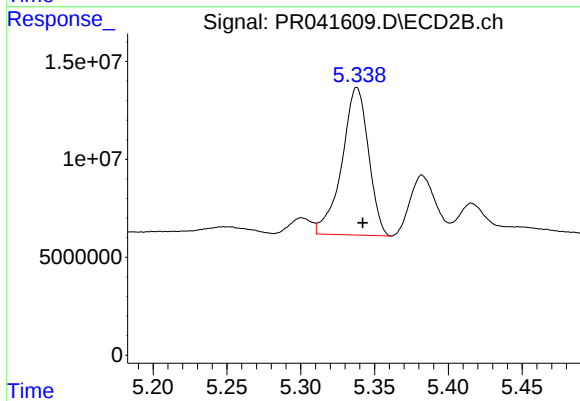
#5 AR-1016-3

R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 7830255
Conc: 66.17 ng/ml



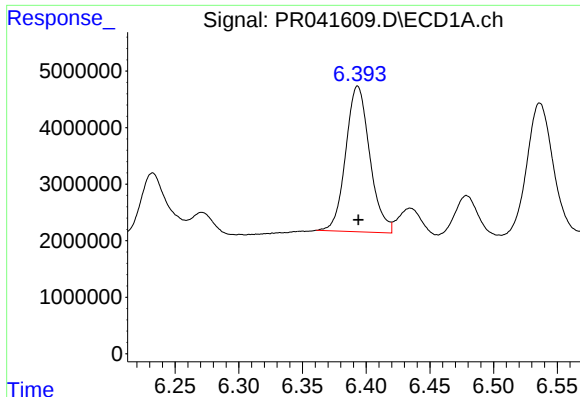
#6 AR-1016-4

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 5541341
Conc: 115.53 ng/ml



#6 AR-1016-4

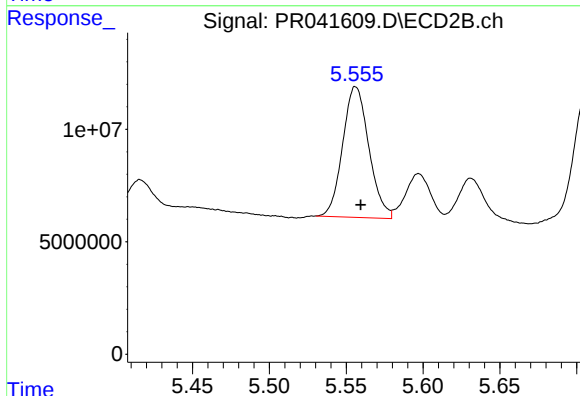
R.T.: 5.338 min
Delta R.T.: -0.004 min
Response: 94353409
Conc: 968.56 ng/ml



#7 AR-1016-5

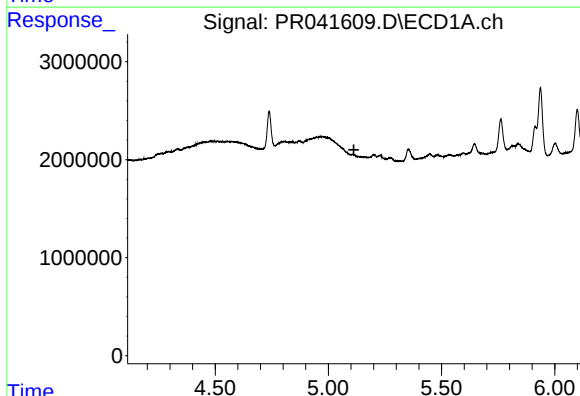
R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 33850615
Conc: 684.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW9



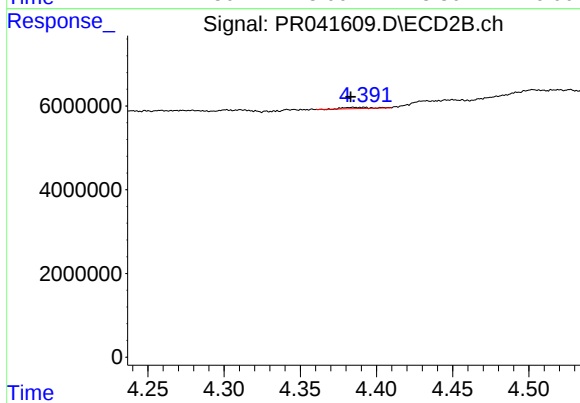
#7 AR-1016-5

R.T.: 5.556 min
Delta R.T.: -0.003 min
Response: 69010896
Conc: 496.40 ng/ml



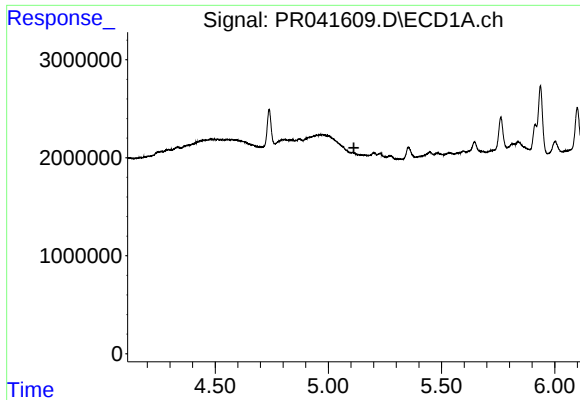
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.113 min
Response: 0
Conc: N.D.



#10 AR-1221-3

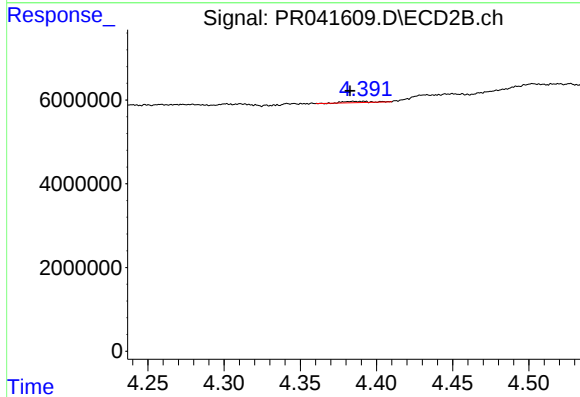
R.T.: 4.392 min
Delta R.T.: 0.009 min
Response: 355312
Conc: 3.35 ng/ml



#11 AR-1232-1

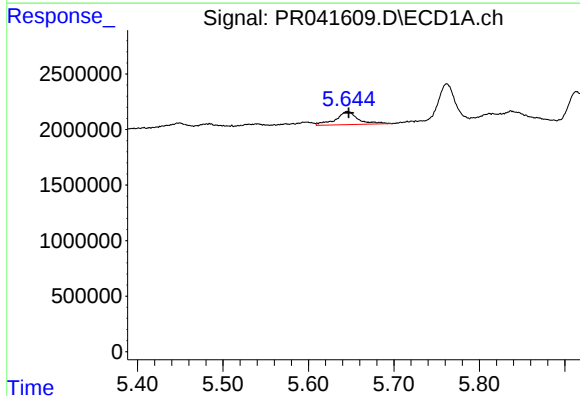
R.T.: 0.000 min
Exp R.T.: 5.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0AW9



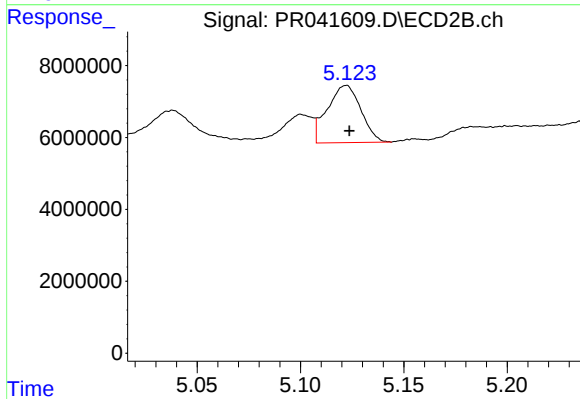
#11 AR-1232-1

R.T.: 4.392 min
Delta R.T.: 0.009 min
Response: 355312
Conc: 4.41 ng/ml



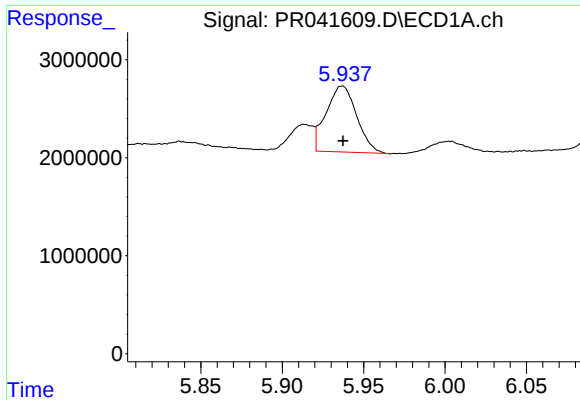
#12 AR-1232-2

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 2113720
Conc: 129.20 ng/ml



#12 AR-1232-2

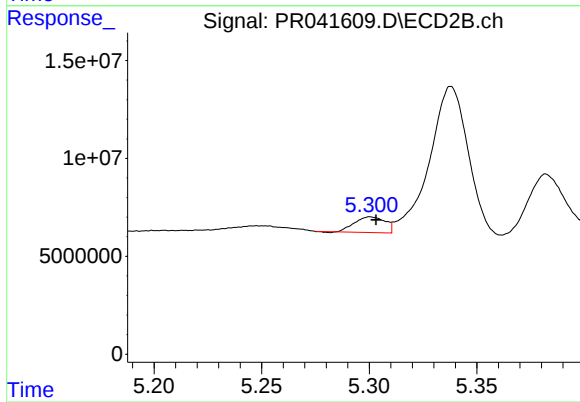
R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 18048718
Conc: 185.58 ng/ml



#13 AR-1232-3

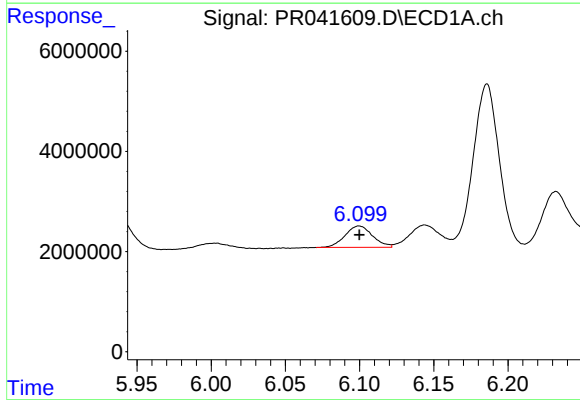
R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 8802438
Conc: 232.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW9



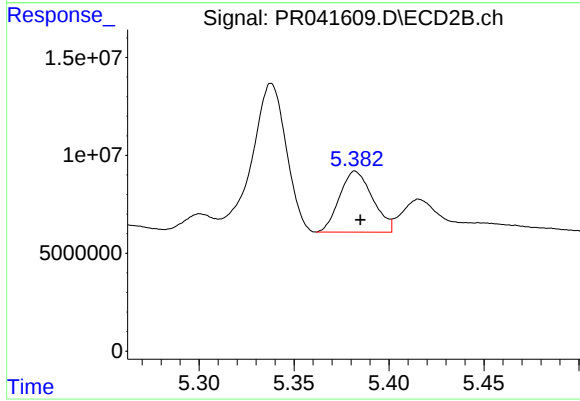
#13 AR-1232-3

R.T.: 5.301 min
Delta R.T.: -0.003 min
Response: 7830255
Conc: 174.38 ng/ml



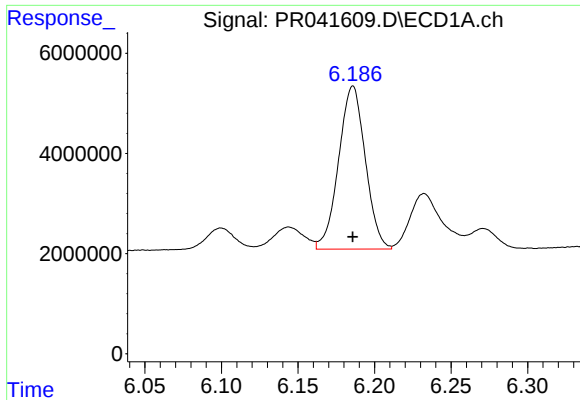
#14 AR-1232-4

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 5541341
Conc: 300.32 ng/ml



#14 AR-1232-4

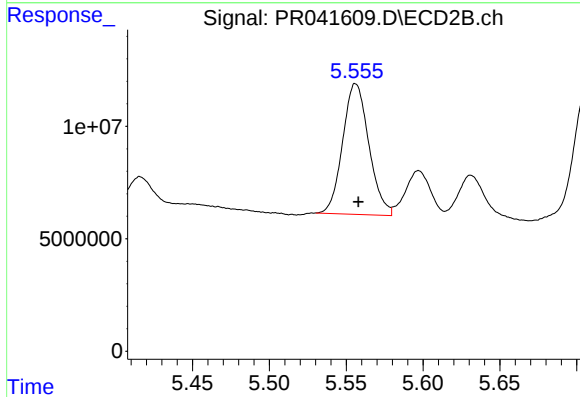
R.T.: 5.382 min
Delta R.T.: -0.003 min
Response: 37662937
Conc: 899.17 ng/ml



#15 AR-1232-5

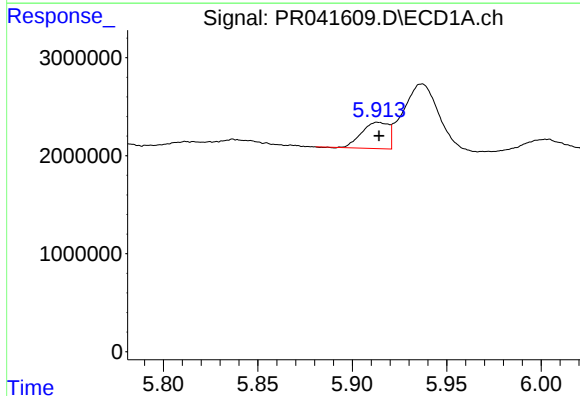
R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 39542082
Conc: 2861.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW9



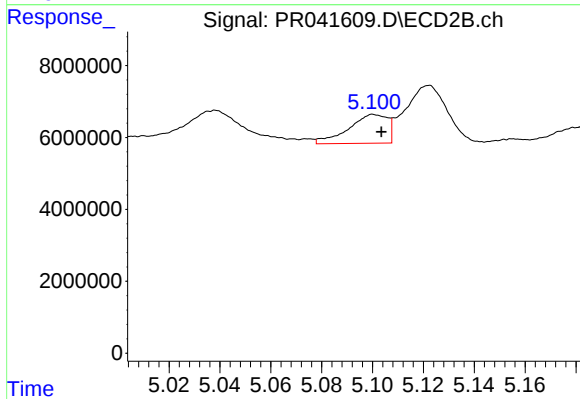
#15 AR-1232-5

R.T.: 5.556 min
Delta R.T.: -0.002 min
Response: 69010896
Conc: 1290.06 ng/ml



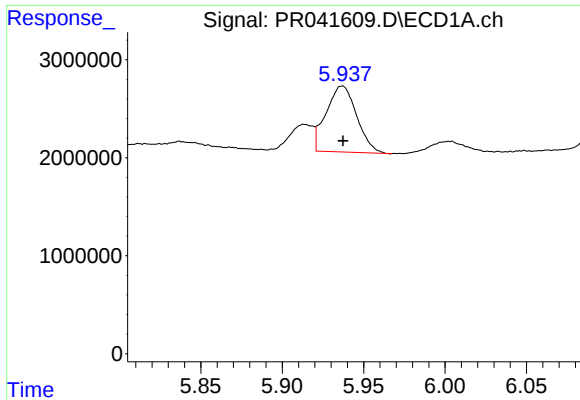
#16 AR-1242-1

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 2653369
Conc: 51.59 ng/ml



#16 AR-1242-1

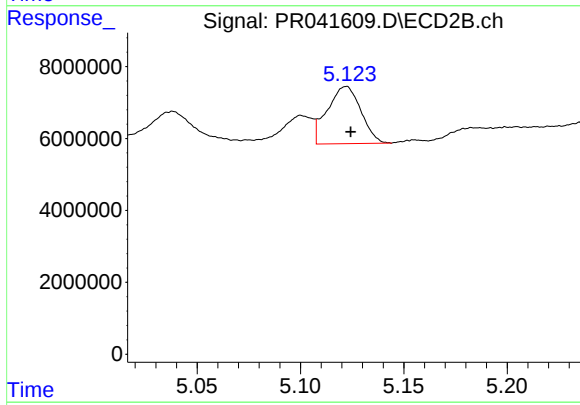
R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 8543100
Conc: 76.19 ng/ml



#17 AR-1242-2

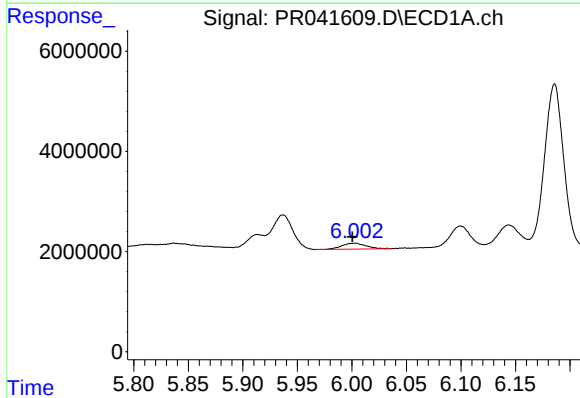
R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 8802438
Conc: 120.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW9



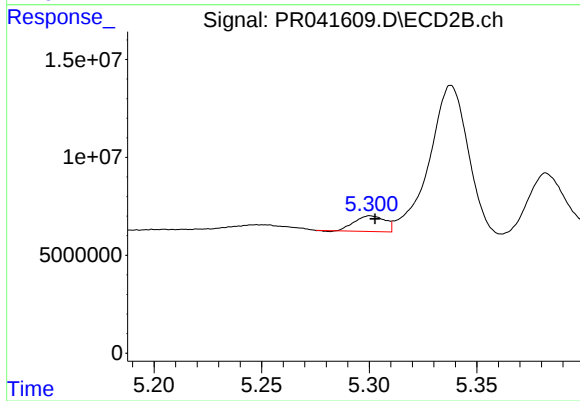
#17 AR-1242-2

R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 18048718
Conc: 112.88 ng/ml



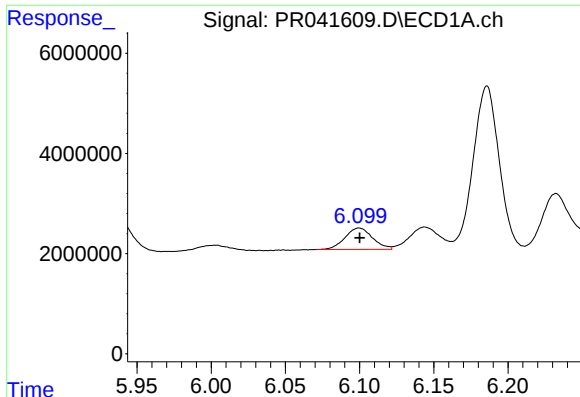
#18 AR-1242-3

R.T.: 6.003 min
Delta R.T.: 0.002 min
Response: 1795586
Conc: 40.61 ng/ml



#18 AR-1242-3

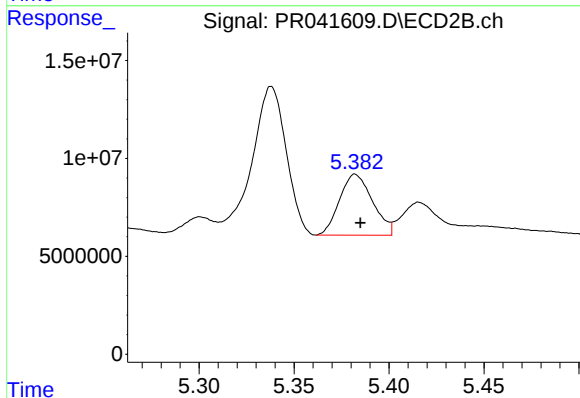
R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 7830255
Conc: 86.33 ng/ml



#19 AR-1242-4

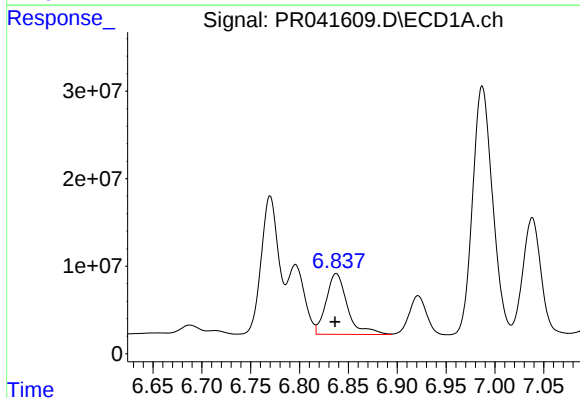
R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 5541341
Conc: 151.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW9



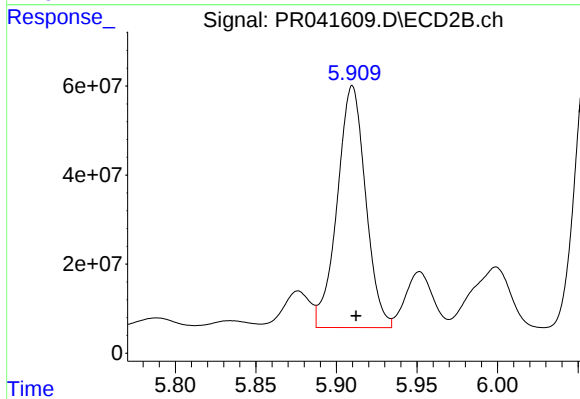
#19 AR-1242-4

R.T.: 5.382 min
Delta R.T.: -0.003 min
Response: 37662937
Conc: 400.22 ng/ml



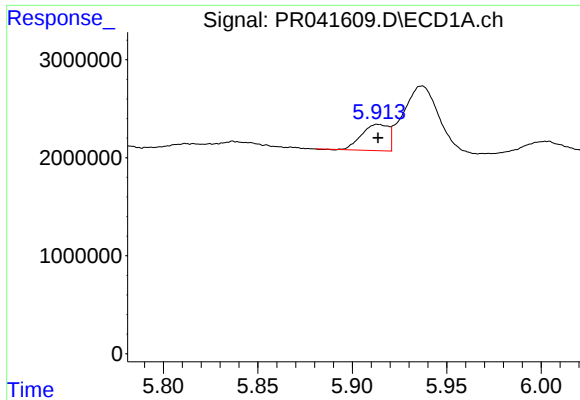
#20 AR-1242-5

R.T.: 6.838 min
Delta R.T.: 0.001 min
Response: 105474920
Conc: 2057.72 ng/ml



#20 AR-1242-5

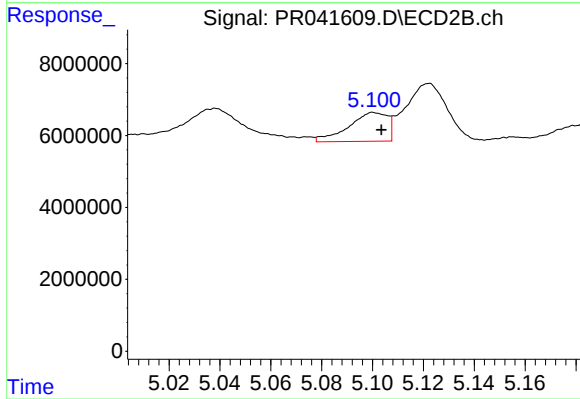
R.T.: 5.910 min
Delta R.T.: -0.002 min
Response: 665635965
Conc: 3923.86 ng/ml



#21 AR-1248-1

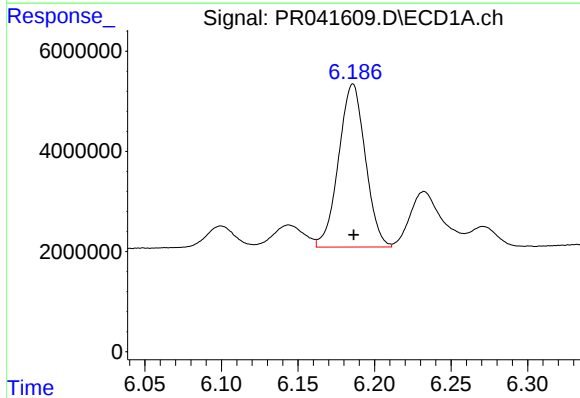
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 2653369
Conc: 72.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW9



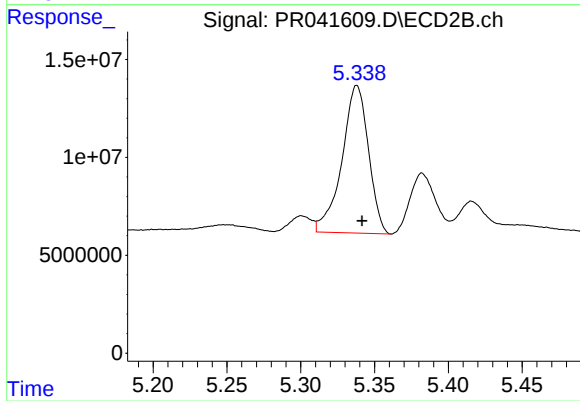
#21 AR-1248-1

R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 8543100
Conc: 101.36 ng/ml



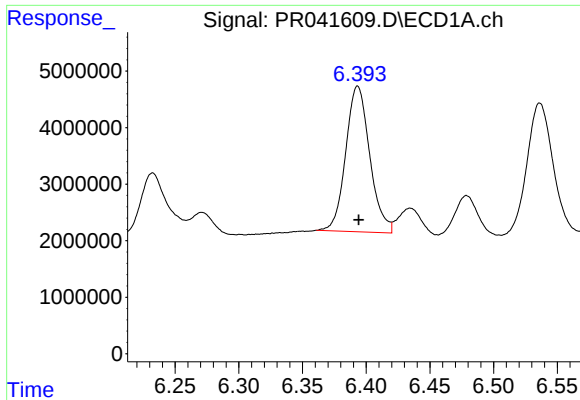
#22 AR-1248-2

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 39542082
Conc: 717.87 ng/ml



#22 AR-1248-2

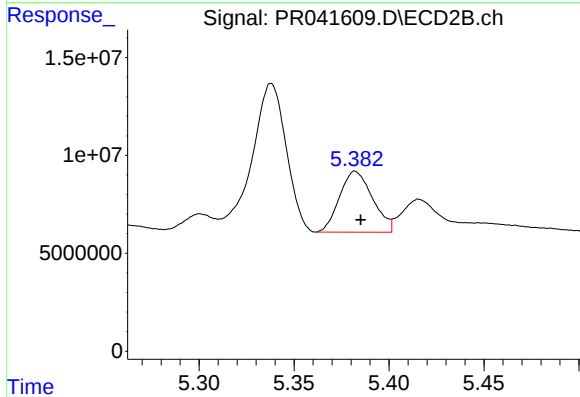
R.T.: 5.338 min
Delta R.T.: -0.003 min
Response: 94353409
Conc: 775.75 ng/ml



#23 AR-1248-3

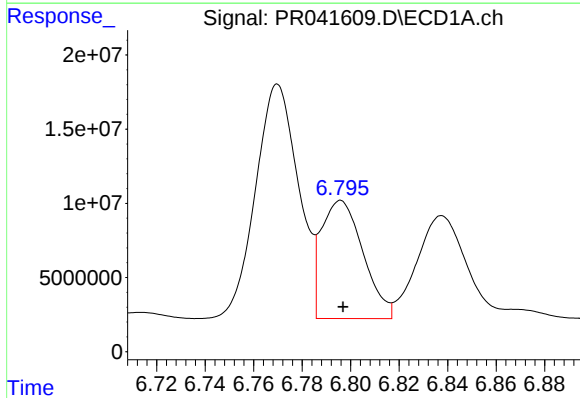
R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 33850615
Conc: 527.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW9



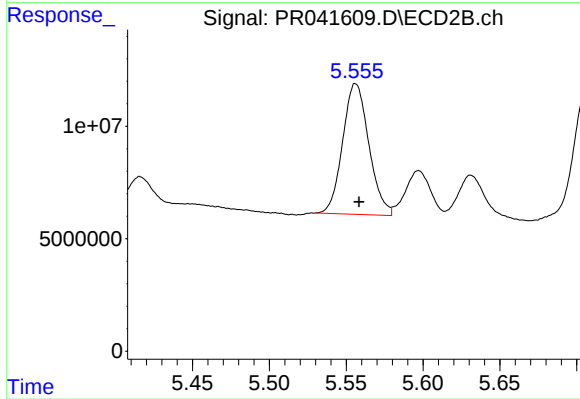
#23 AR-1248-3

R.T.: 5.382 min
Delta R.T.: -0.003 min
Response: 37662937
Conc: 297.08 ng/ml



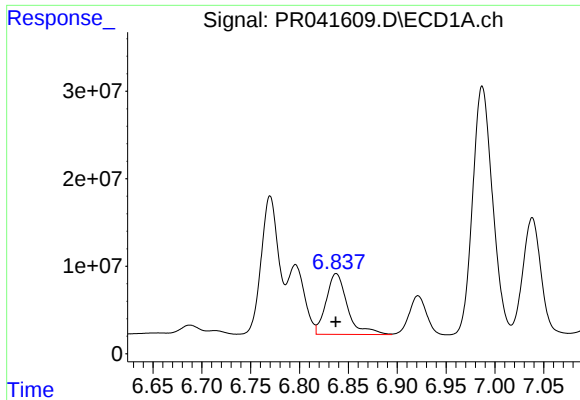
#24 AR-1248-4

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 95066345
Conc: 1113.93 ng/ml



#24 AR-1248-4

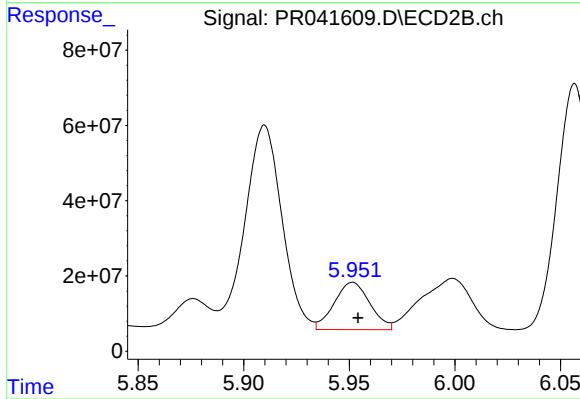
R.T.: 5.556 min
Delta R.T.: -0.002 min
Response: 69010896
Conc: 411.15 ng/ml



#25 AR-1248-5

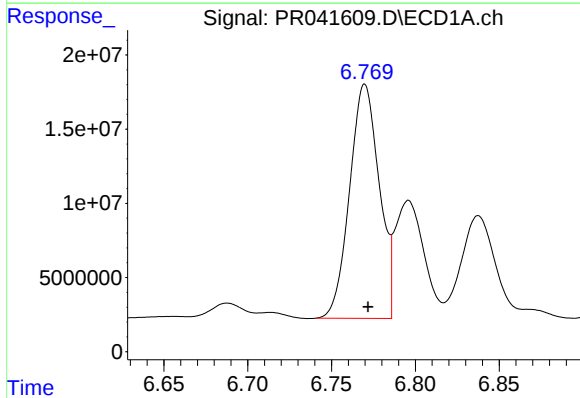
R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 105474920
Conc: 1294.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW9



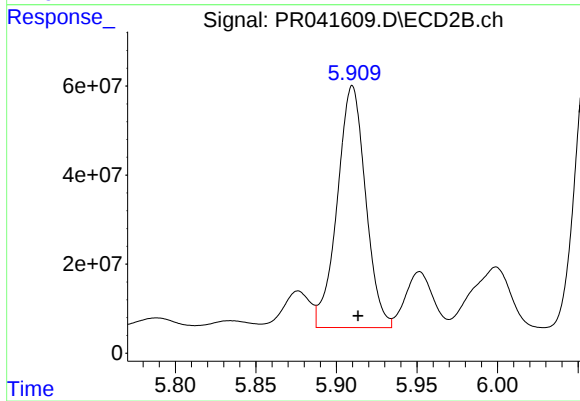
#25 AR-1248-5

R.T.: 5.952 min
Delta R.T.: -0.003 min
Response: 147920466
Conc: 679.37 ng/ml



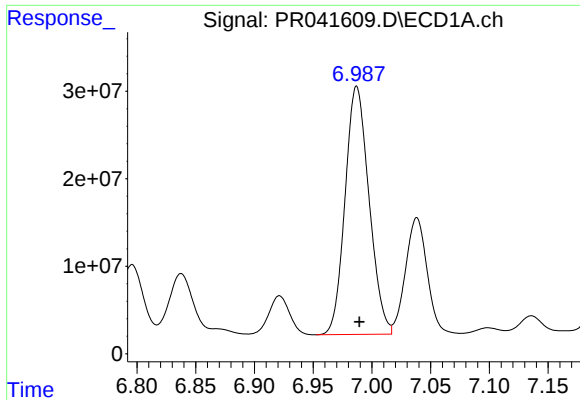
#26 AR-1254-1

R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 194186360
Conc: 2333.49 ng/ml



#26 AR-1254-1

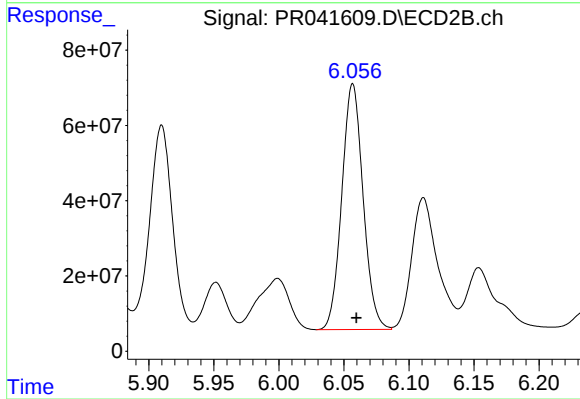
R.T.: 5.910 min
Delta R.T.: -0.004 min
Response: 665635965
Conc: 2052.53 ng/ml



#27 AR-1254-2

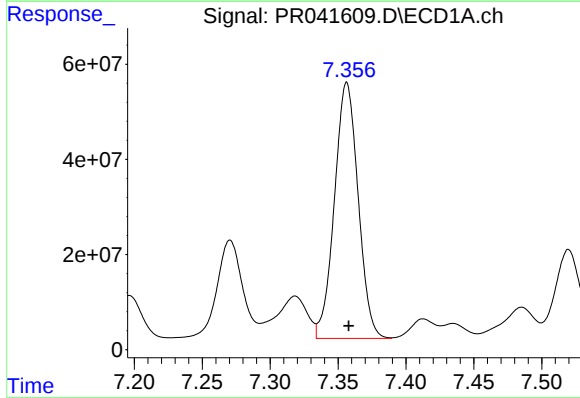
R.T.: 6.987 min
Delta R.T.: -0.002 min
Response: 402758327
Conc: 2866.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW9



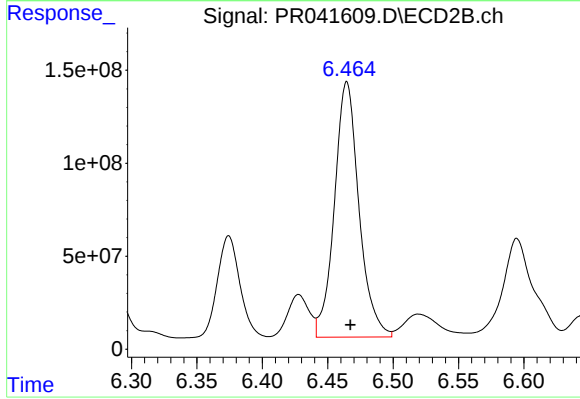
#27 AR-1254-2

R.T.: 6.057 min
Delta R.T.: -0.003 min
Response: 745562342
Conc: 2440.44 ng/ml



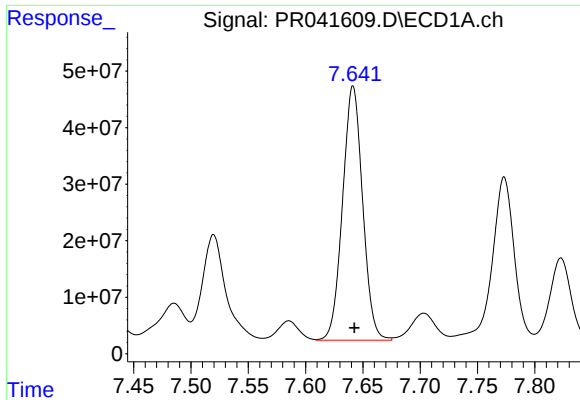
#28 AR-1254-3

R.T.: 7.356 min
Delta R.T.: -0.001 min
Response: 653970859
Conc: 3859.67 ng/ml



#28 AR-1254-3

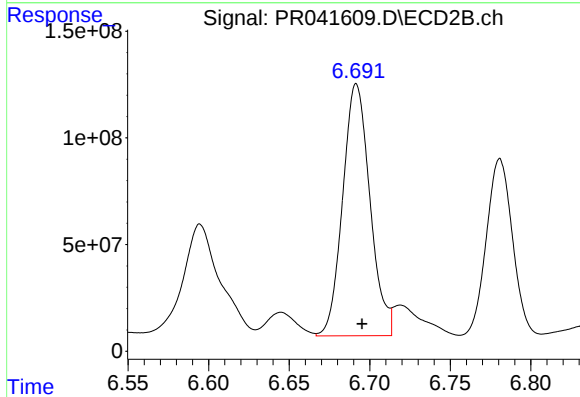
R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 1796977926
Conc: 3211.40 ng/ml



#29 AR-1254-4

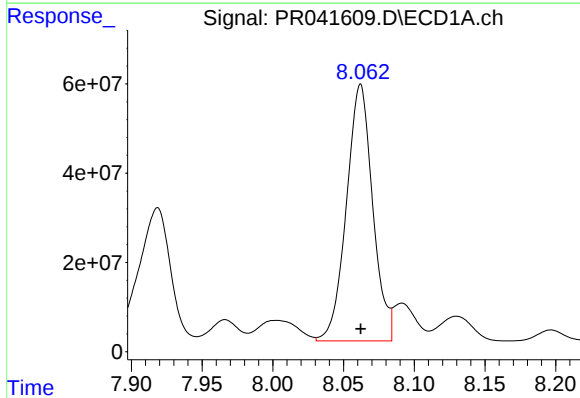
R.T.: 7.641 min
Delta R.T.: -0.001 min
Response: 548722016
Conc: 4042.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW9



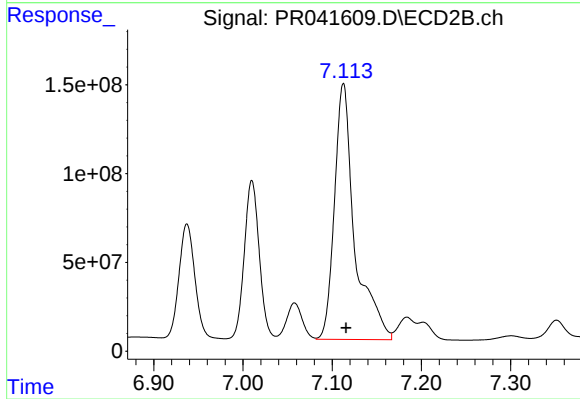
#29 AR-1254-4

R.T.: 6.692 min
Delta R.T.: -0.004 min
Response: 1392876345
Conc: 3263.87 ng/ml



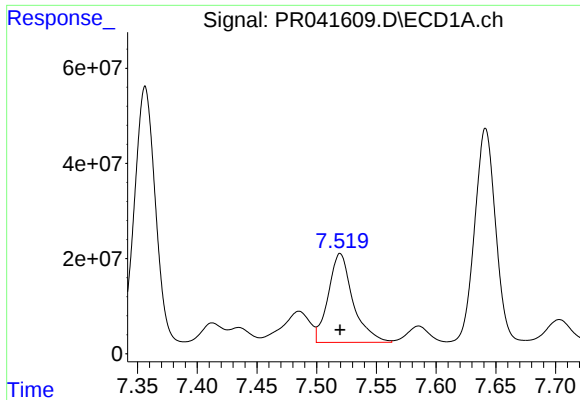
#30 AR-1254-5

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 744079319
Conc: 4838.95 ng/ml



#30 AR-1254-5

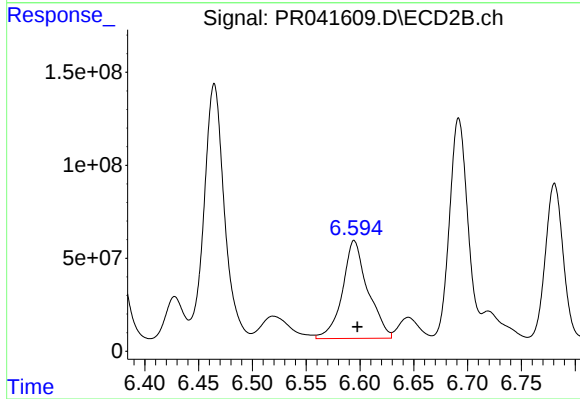
R.T.: 7.113 min
Delta R.T.: -0.003 min
Response: 2280090486
Conc: 3941.24 ng/ml



#31 AR-1260-1

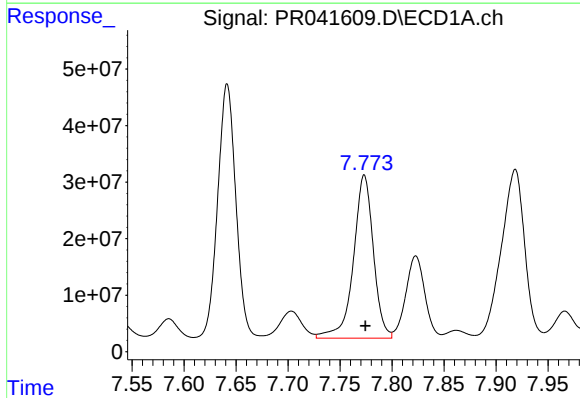
R.T.: 7.520 min
Delta R.T.: 0.000 min
Response: 269430532
Conc: 2275.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW9



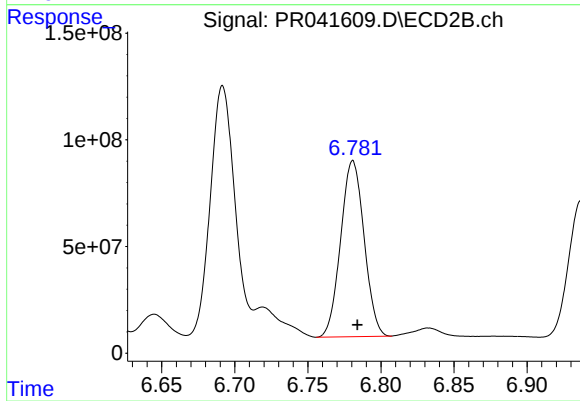
#31 AR-1260-1

R.T.: 6.595 min
Delta R.T.: -0.003 min
Response: 862926572
Conc: 2215.56 ng/ml



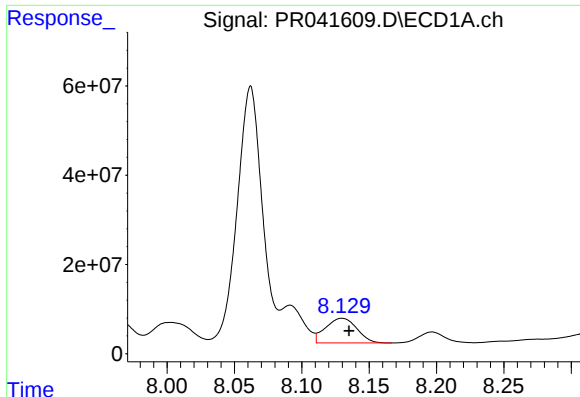
#32 AR-1260-2

R.T.: 7.773 min
Delta R.T.: -0.001 min
Response: 385679041
Conc: 2613.52 ng/ml



#32 AR-1260-2

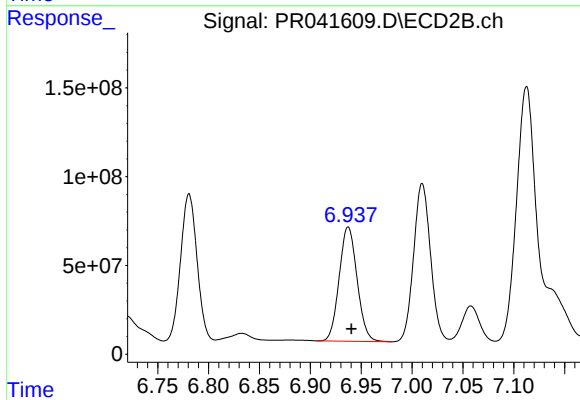
R.T.: 6.781 min
Delta R.T.: -0.003 min
Response: 921486310
Conc: 1709.34 ng/ml



#33 AR-1260-3

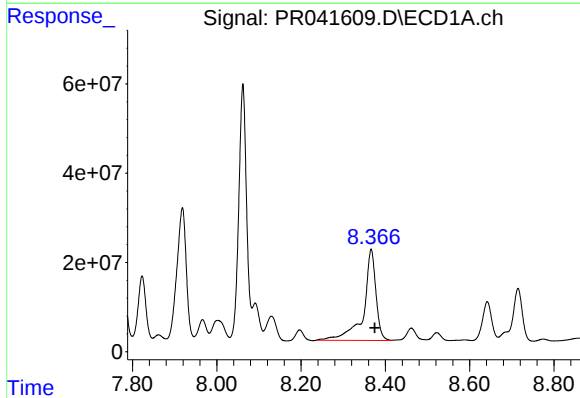
R.T.: 8.130 min
Delta R.T.: -0.005 min
Response: 89543889
Conc: 772.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW9



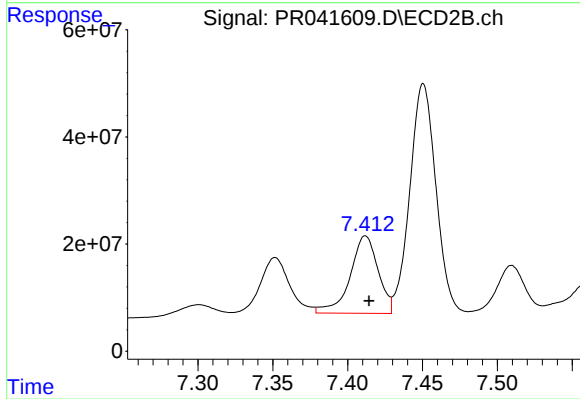
#33 AR-1260-3

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 788703693
Conc: 1688.46 ng/ml



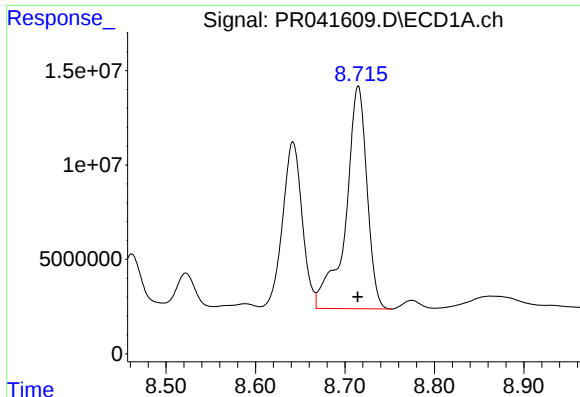
#34 AR-1260-4

R.T.: 8.366 min
Delta R.T.: -0.009 min
Response: 416179884
Conc: 2914.92 ng/ml



#34 AR-1260-4

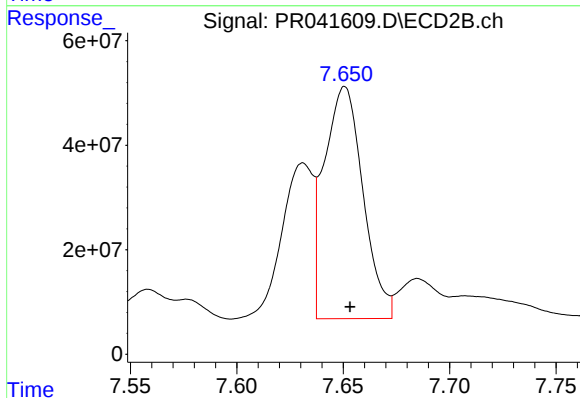
R.T.: 7.412 min
Delta R.T.: -0.002 min
Response: 188720674
Conc: 445.29 ng/ml



#35 AR-1260-5

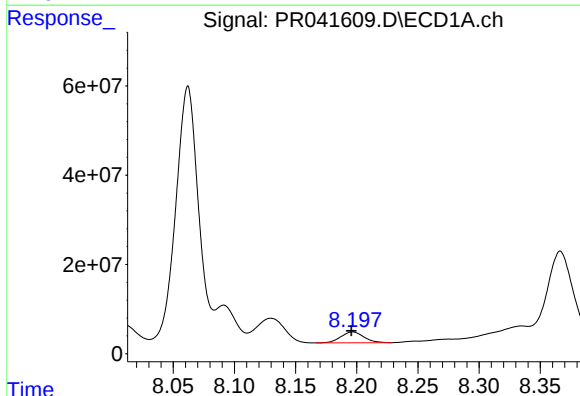
R.T.: 8.715 min
Delta R.T.: 0.000 min
Response: 195208115
Conc: 633.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW9



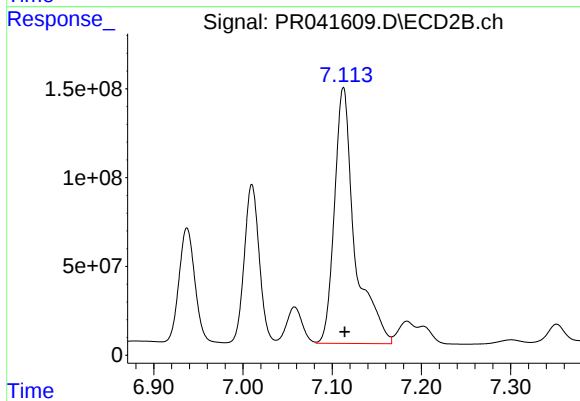
#35 AR-1260-5

R.T.: 7.651 min
Delta R.T.: -0.003 min
Response: 563272273
Conc: 462.42 ng/ml



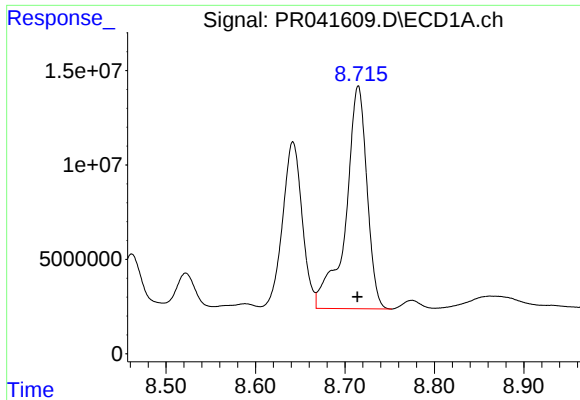
#36 AR-1262-1

R.T.: 8.197 min
Delta R.T.: 0.001 min
Response: 31705520
Conc: 411.66 ng/ml



#36 AR-1262-1

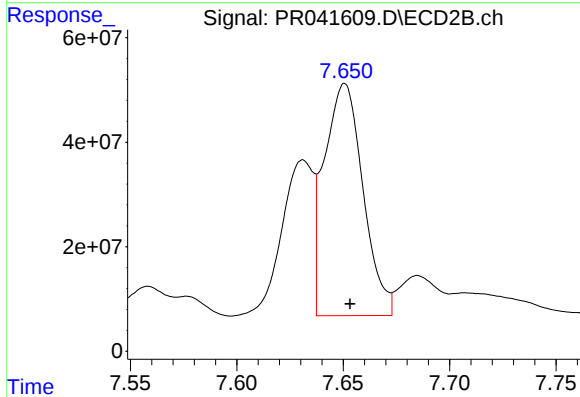
R.T.: 7.113 min
Delta R.T.: -0.001 min
Response: 2280090486
Conc: 6812.24 ng/ml



#37 AR-1262-2

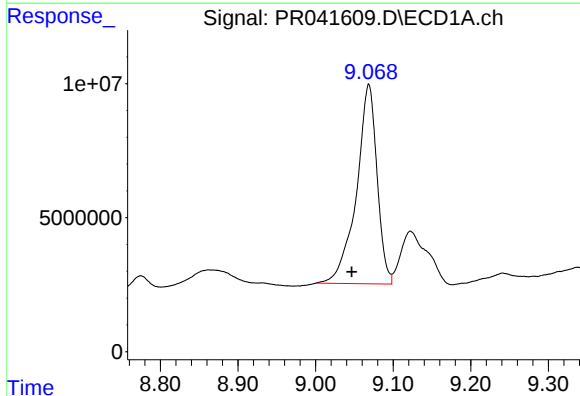
R.T.: 8.715 min
Delta R.T.: 0.001 min
Response: 195208115
Conc: 514.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW9



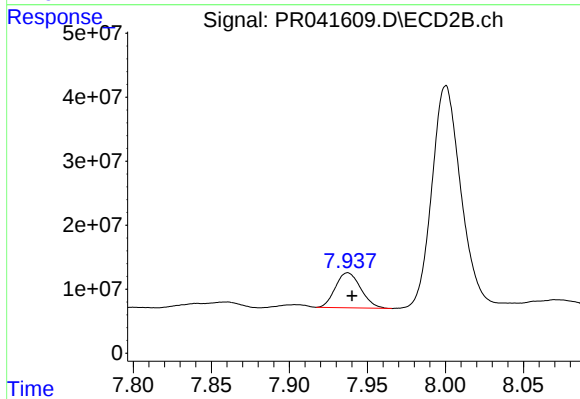
#37 AR-1262-2

R.T.: 7.651 min
Delta R.T.: -0.002 min
Response: 563272273
Conc: 407.89 ng/ml



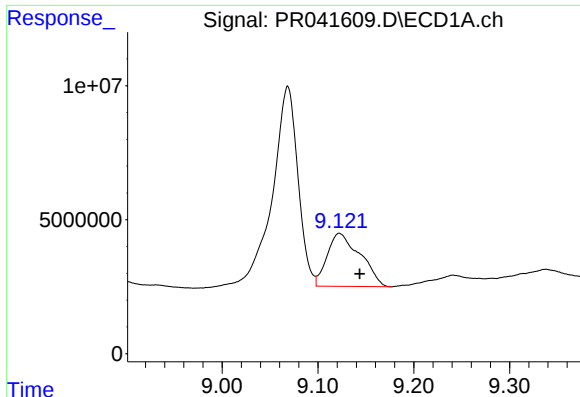
#38 AR-1262-3

R.T.: 9.069 min
Delta R.T.: 0.022 min
Response: 137092338
Conc: 519.95 ng/ml



#38 AR-1262-3

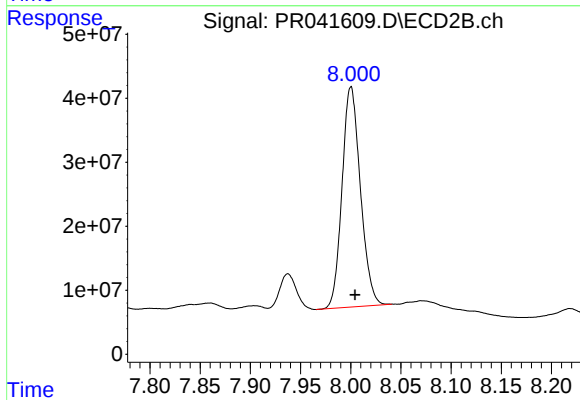
R.T.: 7.937 min
Delta R.T.: -0.003 min
Response: 61938401
Conc: 108.30 ng/ml



#39 AR-1262-4

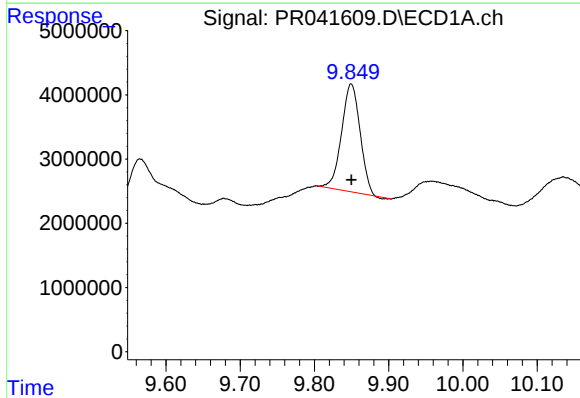
R.T.: 9.122 min
Delta R.T.: -0.021 min
Response: 47431291
Conc: 240.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW9



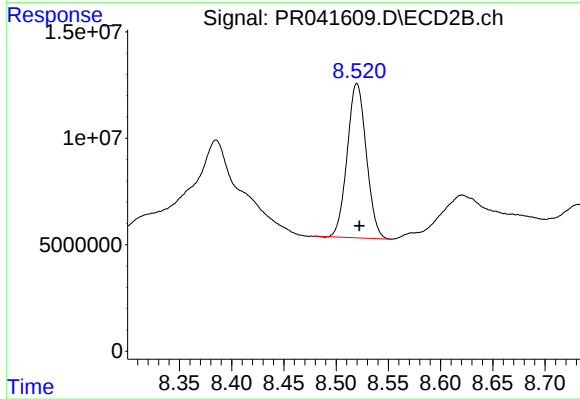
#39 AR-1262-4

R.T.: 8.000 min
Delta R.T.: -0.004 min
Response: 438399774
Conc: 432.61 ng/ml



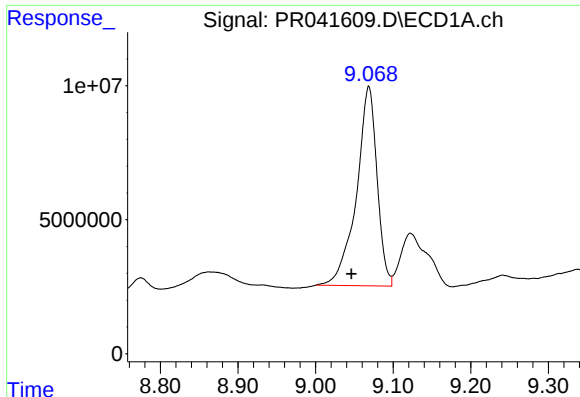
#40 AR-1262-5

R.T.: 9.850 min
Delta R.T.: 0.000 min
Response: 29009948
Conc: 185.28 ng/ml



#40 AR-1262-5

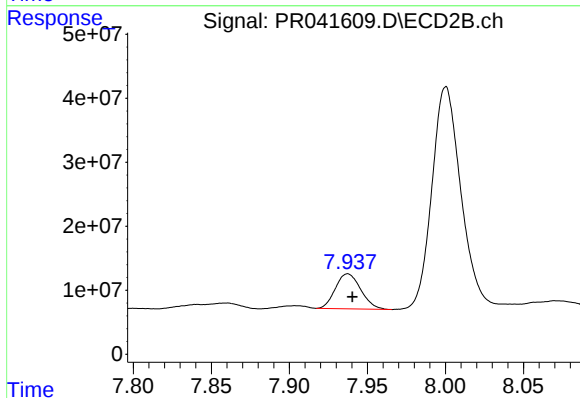
R.T.: 8.520 min
Delta R.T.: -0.003 min
Response: 92050757
Conc: 164.44 ng/ml



#41 AR-1268-1

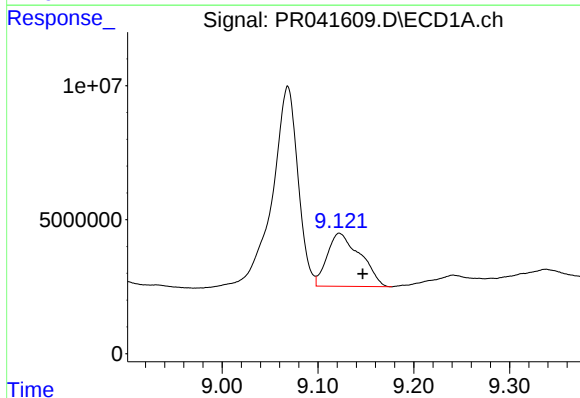
R.T.: 9.069 min
Delta R.T.: 0.023 min
Response: 137092338
Conc: 285.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW9



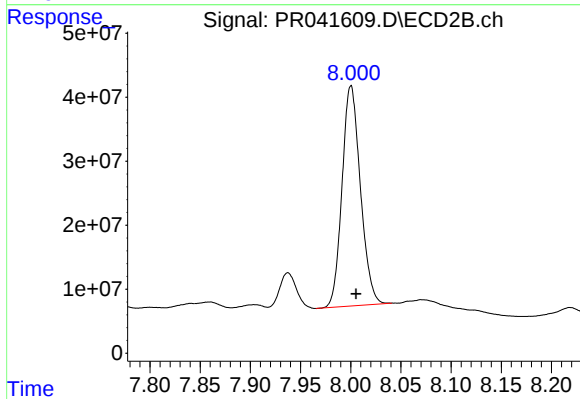
#41 AR-1268-1

R.T.: 7.937 min
Delta R.T.: -0.003 min
Response: 61938401
Conc: 36.60 ng/ml



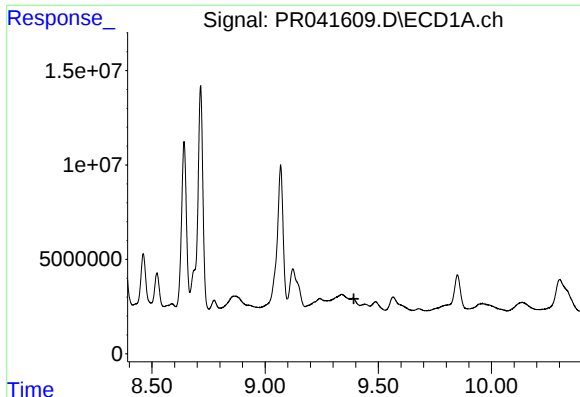
#42 AR-1268-2

R.T.: 9.122 min
Delta R.T.: -0.025 min
Response: 47431291
Conc: 107.24 ng/ml



#42 AR-1268-2

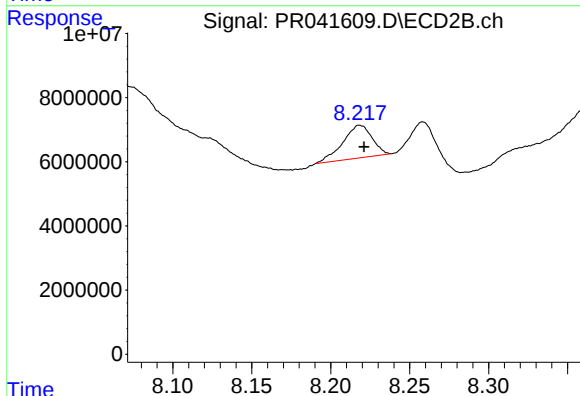
R.T.: 8.000 min
Delta R.T.: -0.005 min
Response: 438399774
Conc: 280.23 ng/ml



#43 AR-1268-3

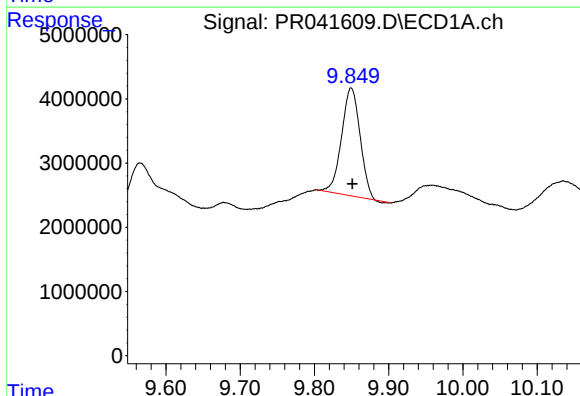
R.T.: 0.000 min
Exp R.T.: 9.392 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0AW9



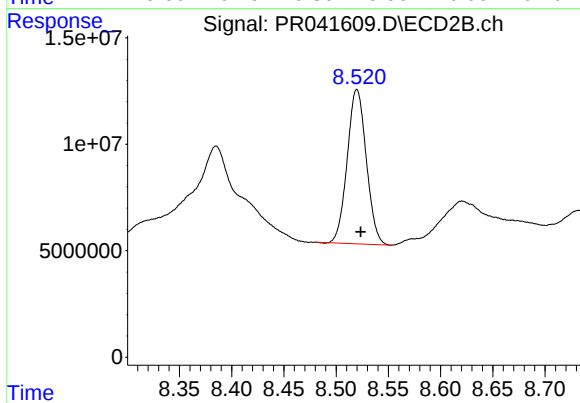
#43 AR-1268-3

R.T.: 8.219 min
Delta R.T.: -0.003 min
Response: 13121389
Conc: 9.92 ng/ml



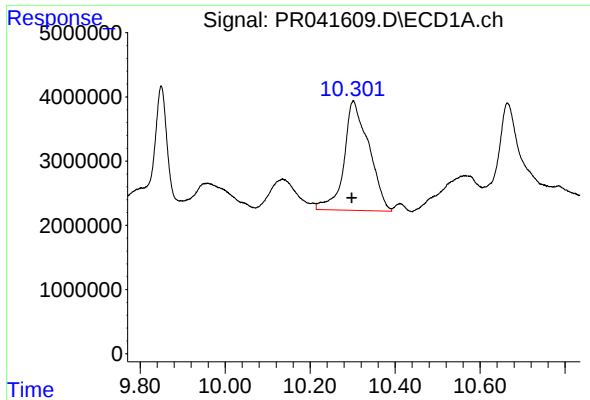
#44 AR-1268-4

R.T.: 9.850 min
Delta R.T.: -0.002 min
Response: 29009948
Conc: 165.70 ng/ml



#44 AR-1268-4

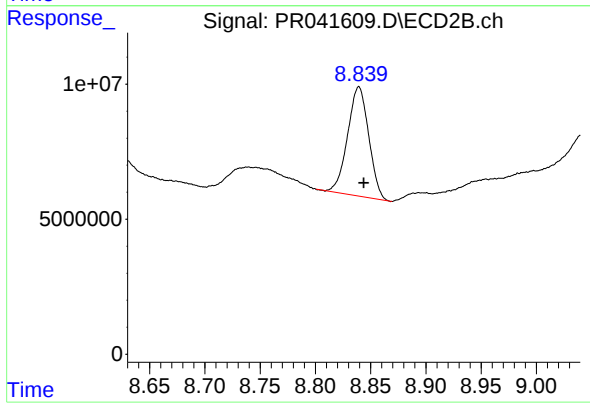
R.T.: 8.520 min
Delta R.T.: -0.004 min
Response: 92050757
Conc: 153.38 ng/ml



#45 AR-1268-5

R.T.: 10.302 min
Delta R.T.: 0.004 min
Response: 69467842
Conc: 49.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW9



#45 AR-1268-5

R.T.: 8.839 min
Delta R.T.: -0.005 min
Response: 53789150
Conc: 12.20 ng/ml