

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112619\
 Data File : PQ045436.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2019 17:58
 Operator : SM\AJ
 Sample : K5985-09DL 40X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 C0B13DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 01:45:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 26 06:05:49 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...	5.099	4.307	1255566	1145970	0.382	0.672 #
2)	SA Decachlor...	11.152	9.717	10434026	8968873	1.599	1.714
Target Compounds							
3)	L1 AR-1016-1	6.435	5.606	134.3E6	67380999	1091.496	968.247
4)	L1 AR-1016-2	6.435	5.606	134.3E6	67380999	688.333	635.403
5)	L1 AR-1016-3	6.507	5.802	12752092	29582146	105.046	557.497 #
6)	L1 AR-1016-4	6.607	5.849	52367235	227.0E6	541.825	4857.000 #
7)	L1 AR-1016-5	6.921	6.084	277.6E6	172.1E6	2732.863	2713.542
12)	L3 AR-1232-2	6.119	5.606	23579929	67380999	589.480	1518.150 #
13)	L3 AR-1232-3	6.435	5.802	134.3E6	29582146	1667.947	1335.772
14)	L3 AR-1232-4	6.607	5.894	52367235	99569715	1324.913	4412.420 #
15)	L3 AR-1232-5	6.705	6.084	405.7E6	172.1E6	12150.590	7086.261 #
16)	L4 AR-1242-1	6.435	5.606	134.3E6	67380999	1299.187	1142.324
17)	L4 AR-1242-2	6.435	5.606	134.3E6	67380999	823.642	768.618
18)	L4 AR-1242-3	6.507	5.802	12752092	29582146	124.680	656.481 #
19)	L4 AR-1242-4	6.607	5.894	52367235	99569715	651.405	2051.360 #
20)	L4 AR-1242-5	7.389	6.465	350.1E6	594.4E6	3730.303	8564.787 #
21)	L5 AR-1248-1	6.435	5.606	134.3E6	67380999	1658.048	1456.101
22)	L5 AR-1248-2	6.705	5.849	405.7E6	227.0E6	3192.030	3368.247
23)	L5 AR-1248-3	6.921	5.894	277.6E6	99569715	1993.610	1402.129 #
24)	L5 AR-1248-4	7.347	6.084	255.8E6	172.1E6	1575.326	1978.594 #
25)	L5 AR-1248-5	7.389	6.509	350.1E6	131.6E6	2234.722	1392.376 #
26)	L6 AR-1254-1	7.318	6.465	808.9E6	594.4E6	4917.006	4095.578
27)	L6 AR-1254-2	7.547	6.623	1371.5E6	681.4E6	5232.423	5093.162
28)	L6 AR-1254-3	7.928	7.050	1722.0E6	1388.2E6	6023.251	5791.334
29)	L6 AR-1254-4	8.222	7.289	1358.2E6	1085.0E6	6268.009	6497.838
30)	L6 AR-1254-5	8.652	7.722	1512.6E6	1597.7E6	6146.716	6200.419
31)	L7 AR-1260-1	8.095	7.186	608.0E6	620.9E6	2845.918	4056.433 #
32)	L7 AR-1260-2	8.358	7.381	792.4E6	596.3E6	3251.935	2985.262
33)	L7 AR-1260-3	8.714	7.541	186.8E6	568.3E6	942.527	3088.891 #
34)	L7 AR-1260-4	8.950	8.027	585.5E6	71522648	2561.028	394.217 #
35)	L7 AR-1260-5	9.291	8.274	240.4E6	216.4E6	461.962	422.914
36)	L8 AR-1262-1	8.784	7.722	56962075	1597.7E6	411.960	10952.523 #
37)	L8 AR-1262-2	9.291	8.274	240.4E6	216.4E6	370.859	332.561
38)	L8 AR-1262-3	9.631	8.562	197.3E6	19429508	431.163	72.936 #
39)	L8 AR-1262-4	9.683	8.628	65766696	236.2E6	180.389	451.270 #
40)	L8 AR-1262-5	10.383	9.141	32680071	29826324	114.659	108.454
41)	L9 AR-1268-1	9.631	8.562	197.3E6	19429508	233.451	24.194 #
42)	L9 AR-1268-2	9.683	8.628	65766696	236.2E6	79.508	310.593 #
43)	L9 AR-1268-3	9.940	8.836	1826219	2055562	2.601	3.289 #
44)	L9 AR-1268-4	10.383	9.141	32680071	29826324	99.412	93.720
45)	L9 AR-1268-5	10.806	9.448	13589195	11684114	5.047	4.842

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Sample : K5985-09DL 40X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0B13DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 27 01:45:11 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112519CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 26 06:05:49 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

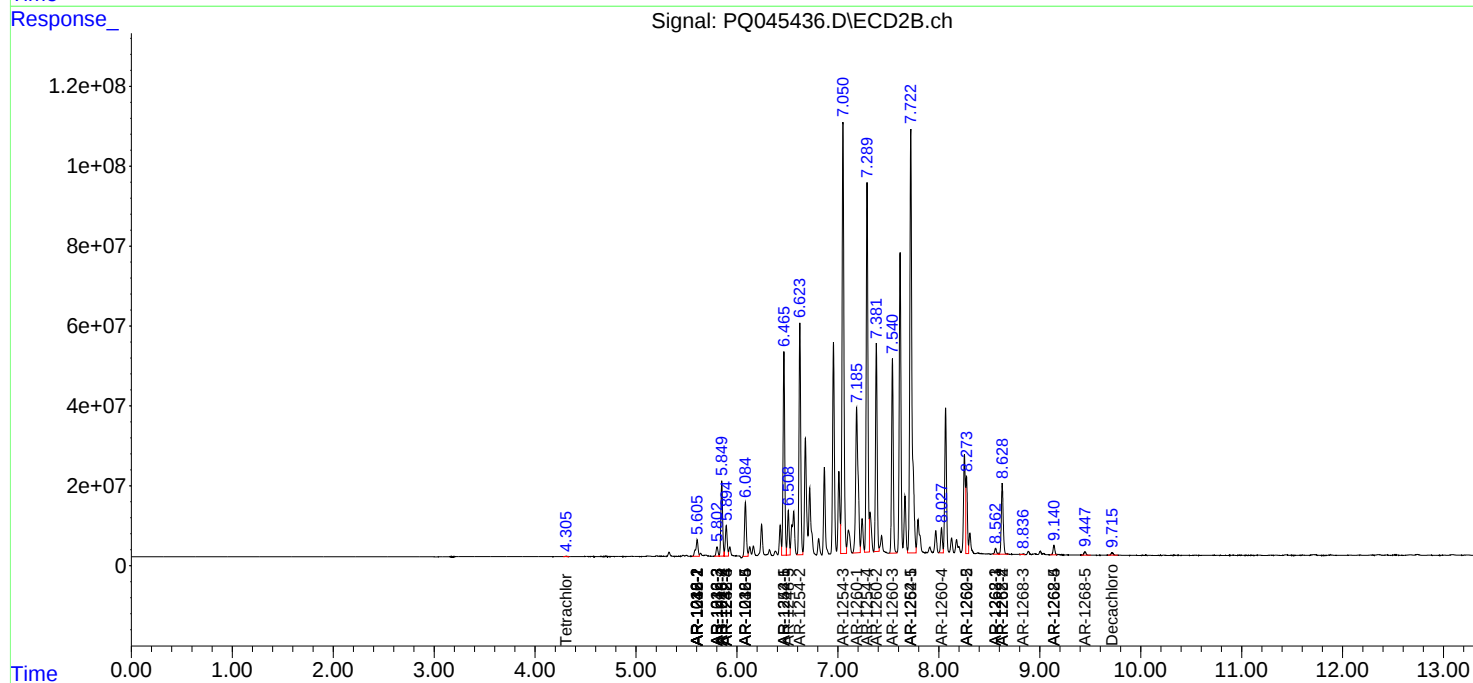
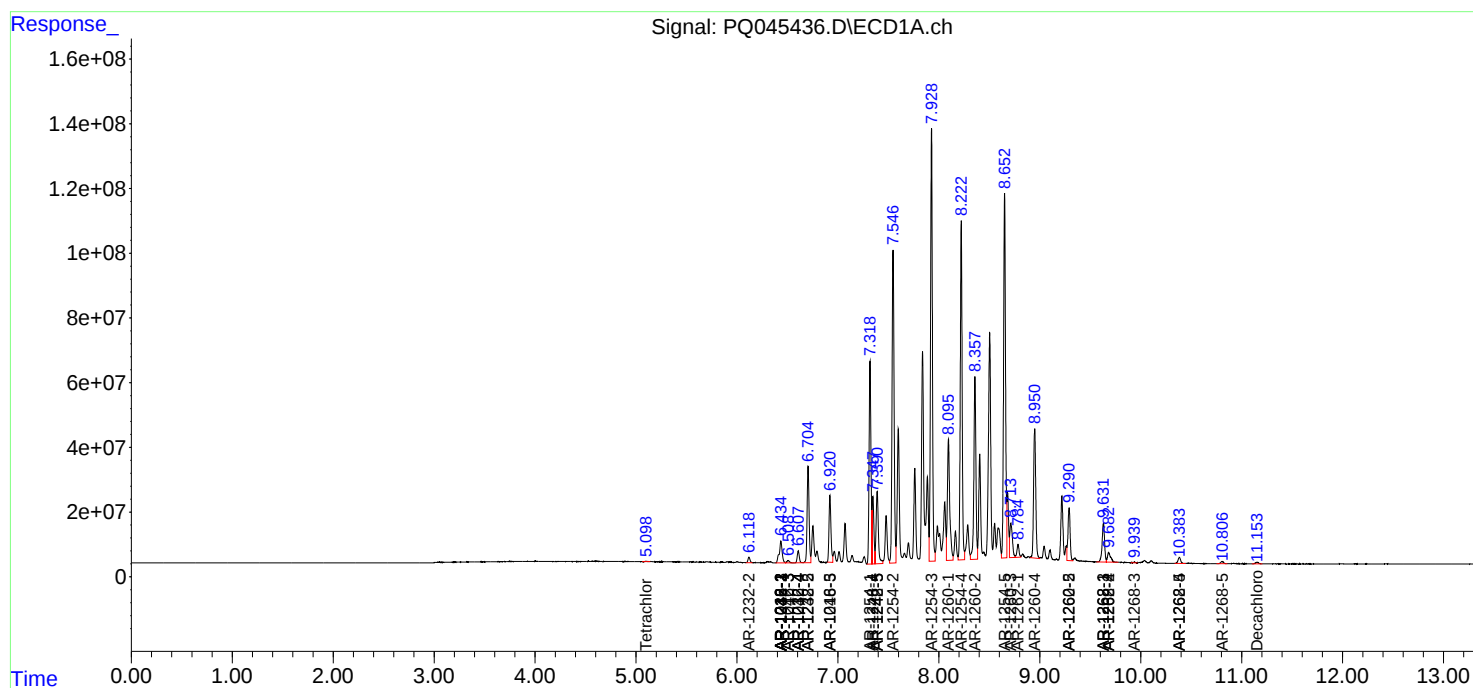
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

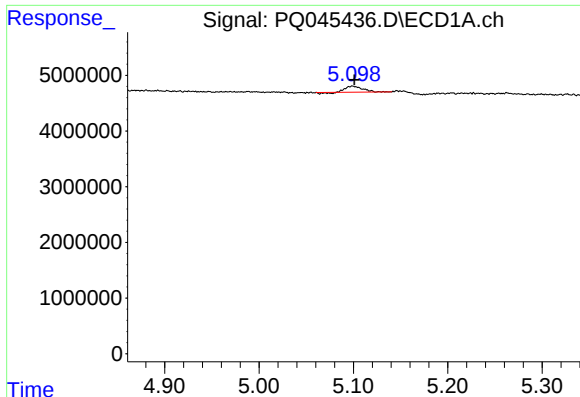
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112619\
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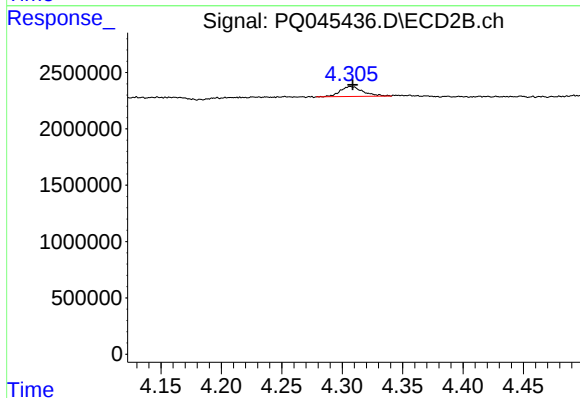




#1 Tetrachloro-m-xylene

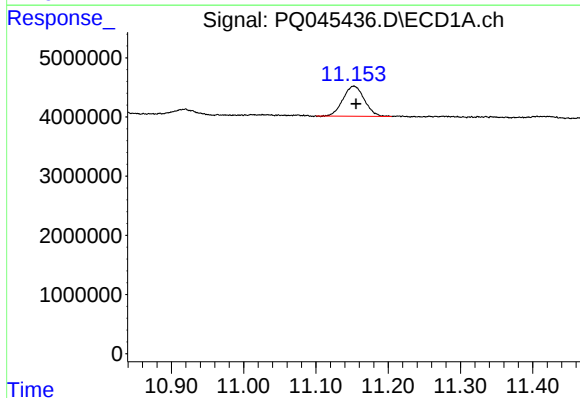
R.T.: 5.099 min
Delta R.T.: -0.002 min
Response: 1255566
Conc: 0.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0B13DL



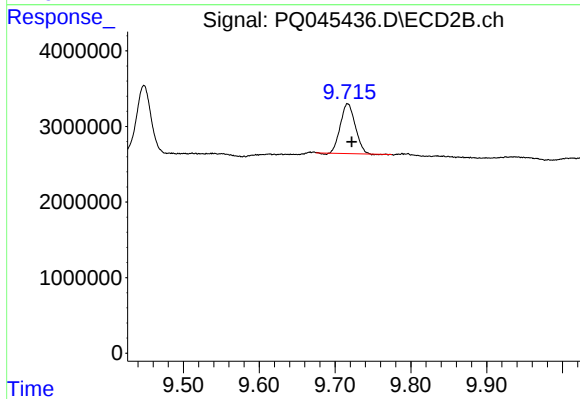
#1 Tetrachloro-m-xylene

R.T.: 4.307 min
Delta R.T.: -0.002 min
Response: 1145970
Conc: 0.67 ng/ml



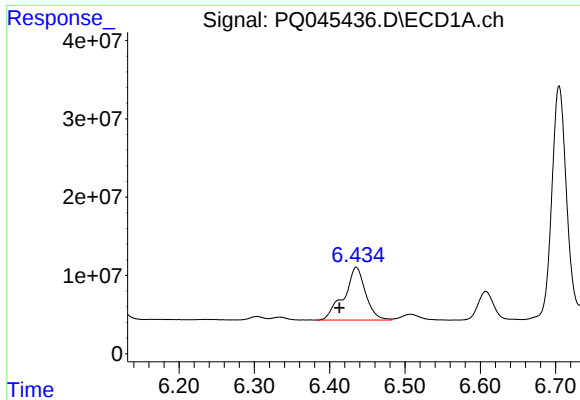
#2 Decachlorobiphenyl

R.T.: 11.152 min
Delta R.T.: -0.003 min
Response: 10434026
Conc: 1.60 ng/ml



#2 Decachlorobiphenyl

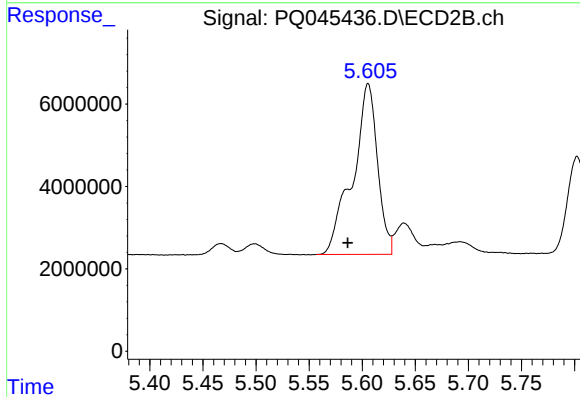
R.T.: 9.717 min
Delta R.T.: -0.005 min
Response: 8968873
Conc: 1.71 ng/ml



#3 AR-1016-1

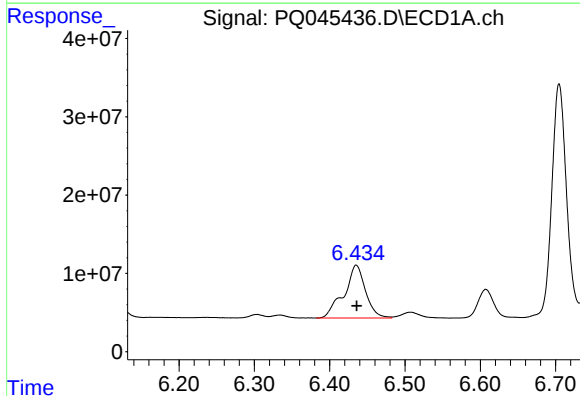
R.T.: 6.435 min
Delta R.T.: 0.022 min
Response: 134348102
Conc: 1091.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0B13DL



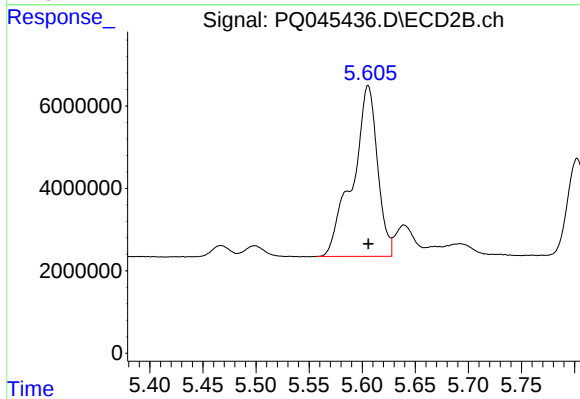
#3 AR-1016-1

R.T.: 5.606 min
Delta R.T.: 0.019 min
Response: 67380999
Conc: 968.25 ng/ml



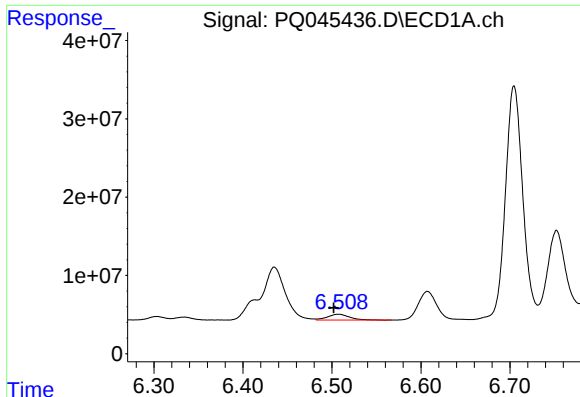
#4 AR-1016-2

R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 134348102
Conc: 688.33 ng/ml



#4 AR-1016-2

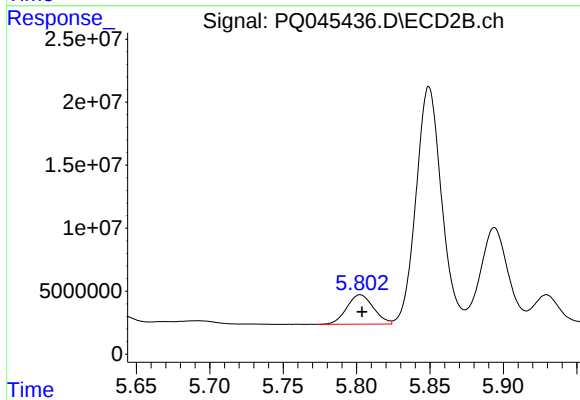
R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 67380999
Conc: 635.40 ng/ml



#5 AR-1016-3

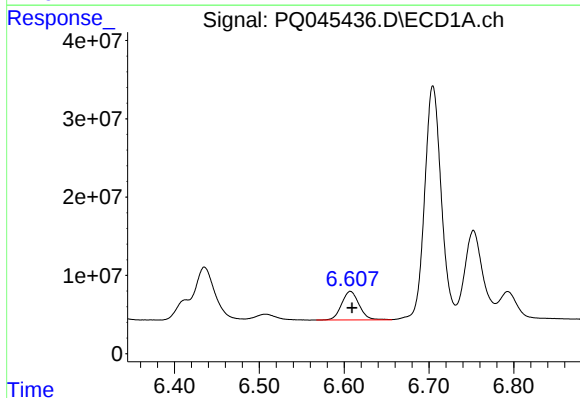
R.T.: 6.507 min
Delta R.T.: 0.005 min
Response: 12752092
Conc: 105.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0B13DL



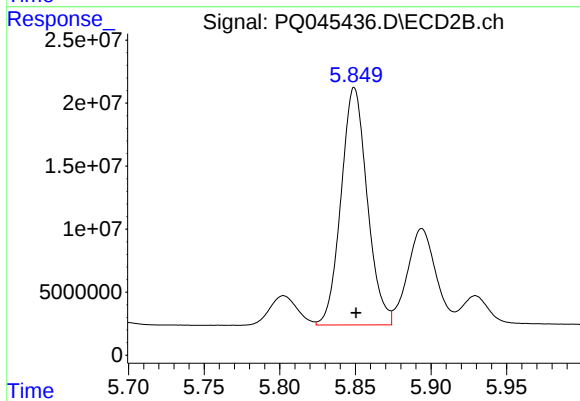
#5 AR-1016-3

R.T.: 5.802 min
Delta R.T.: -0.001 min
Response: 29582146
Conc: 557.50 ng/ml



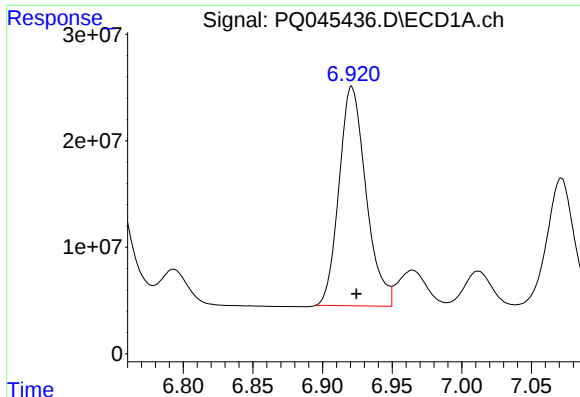
#6 AR-1016-4

R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 52367235
Conc: 541.83 ng/ml



#6 AR-1016-4

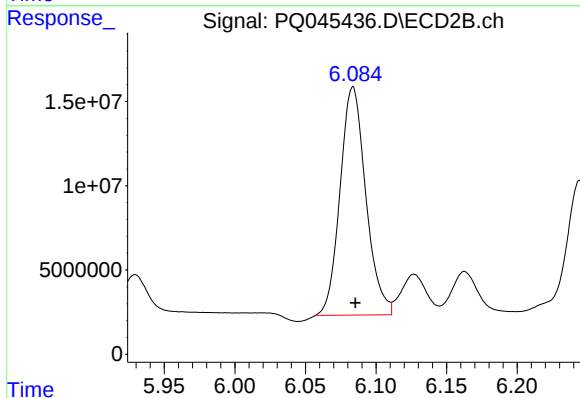
R.T.: 5.849 min
Delta R.T.: -0.001 min
Response: 227043185
Conc: 4857.00 ng/ml



#7 AR-1016-5

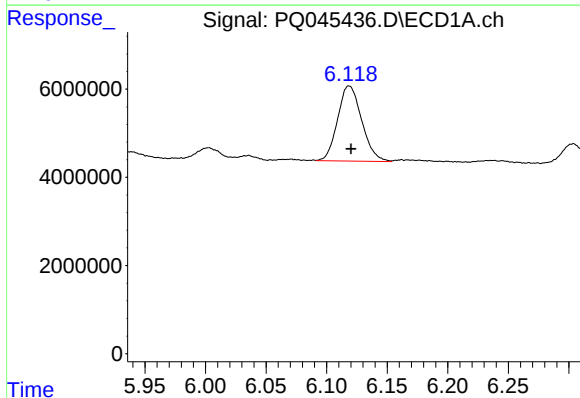
R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 277626772
Conc: 2732.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0B13DL



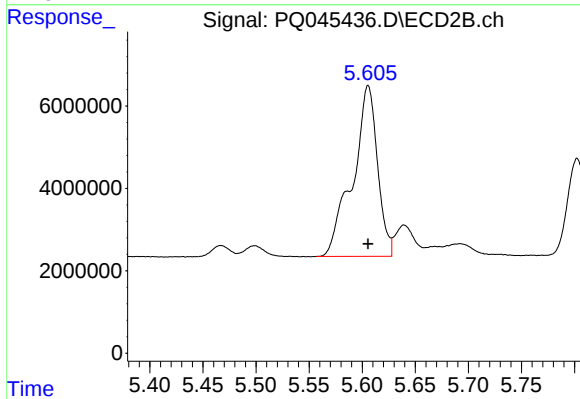
#7 AR-1016-5

R.T.: 6.084 min
Delta R.T.: -0.002 min
Response: 172087915
Conc: 2713.54 ng/ml



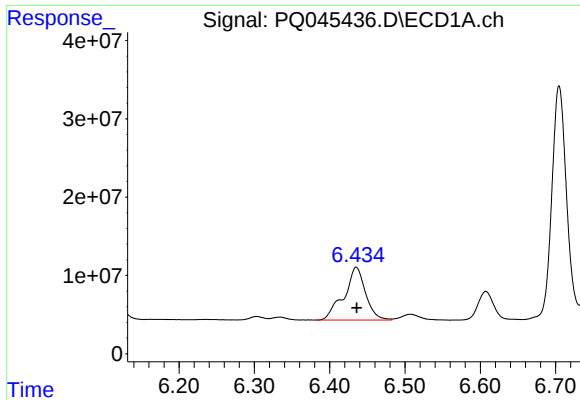
#12 AR-1232-2

R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 23579929
Conc: 589.48 ng/ml



#12 AR-1232-2

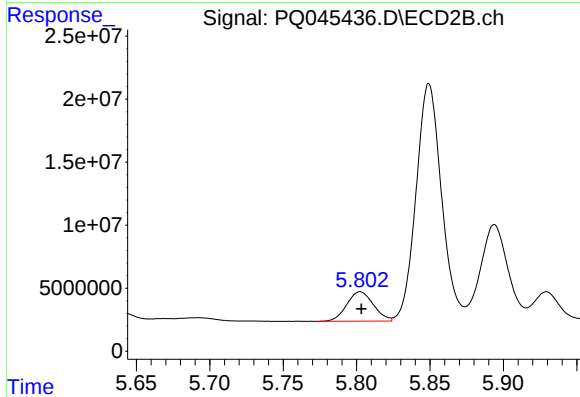
R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 67380999
Conc: 1518.15 ng/ml



#13 AR-1232-3

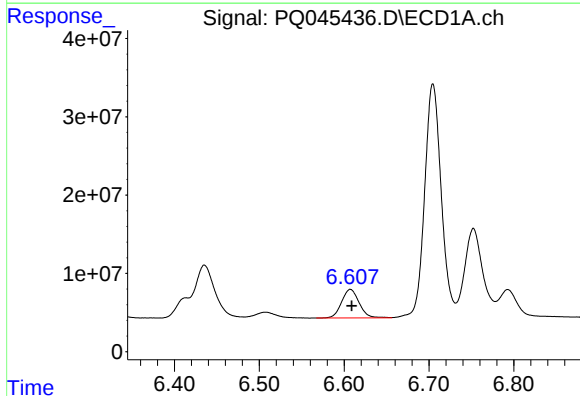
R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 134348102
Conc: 1667.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0B13DL



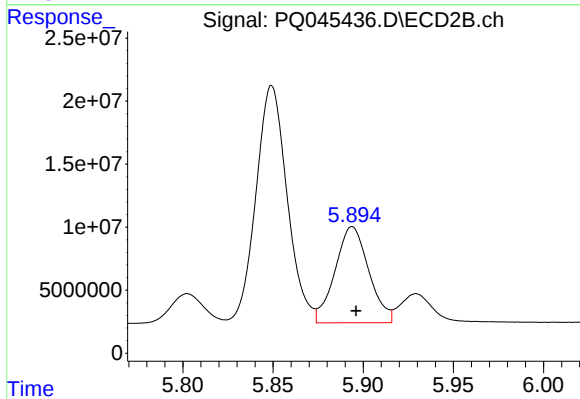
#13 AR-1232-3

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 29582146
Conc: 1335.77 ng/ml



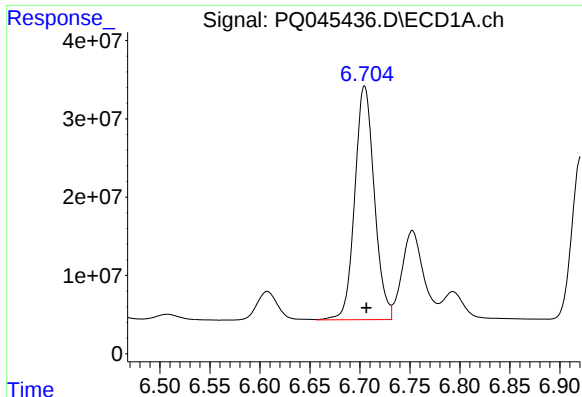
#14 AR-1232-4

R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 52367235
Conc: 1324.91 ng/ml



#14 AR-1232-4

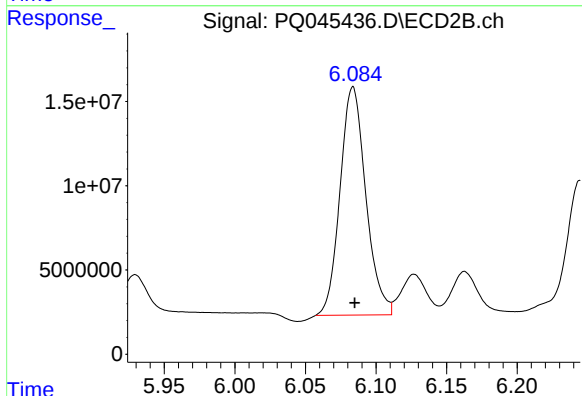
R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 99569715
Conc: 4412.42 ng/ml



#15 AR-1232-5

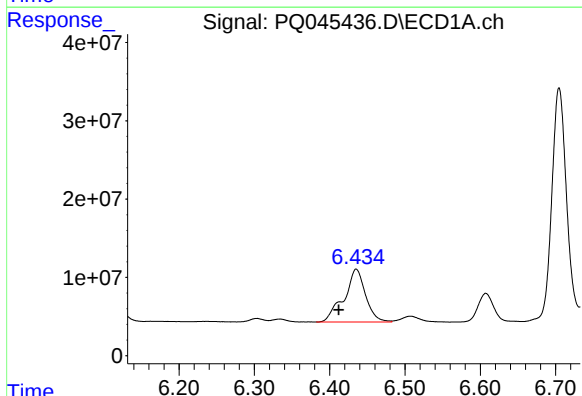
R.T.: 6.705 min
Delta R.T.: -0.002 min
Response: 405664273
Conc: 12150.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0B13DL



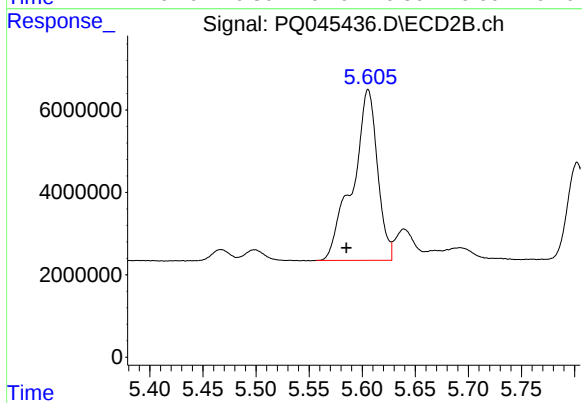
#15 AR-1232-5

R.T.: 6.084 min
Delta R.T.: -0.001 min
Response: 172087915
Conc: 7086.26 ng/ml



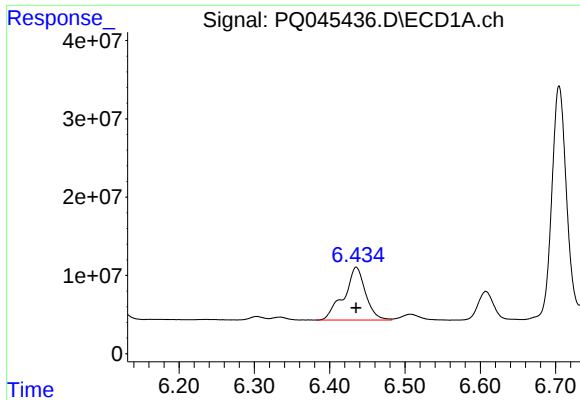
#16 AR-1242-1

R.T.: 6.435 min
Delta R.T.: 0.023 min
Response: 134348102
Conc: 1299.19 ng/ml



#16 AR-1242-1

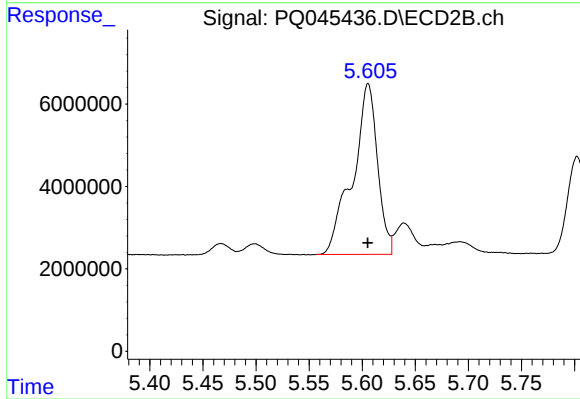
R.T.: 5.606 min
Delta R.T.: 0.021 min
Response: 67380999
Conc: 1142.32 ng/ml



#17 AR-1242-2

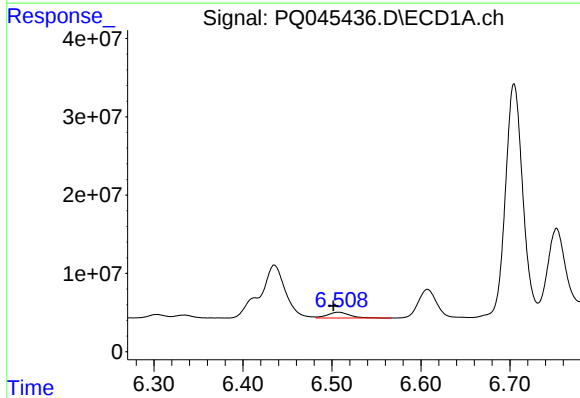
R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 134348102
Conc: 823.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0B13DL



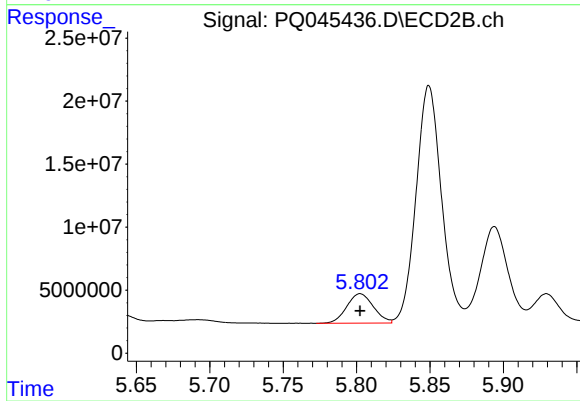
#17 AR-1242-2

R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 67380999
Conc: 768.62 ng/ml



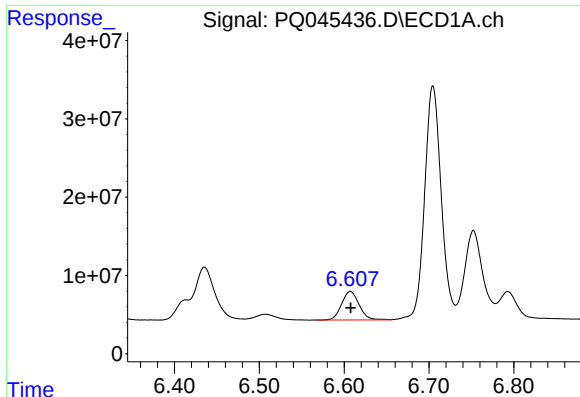
#18 AR-1242-3

R.T.: 6.507 min
Delta R.T.: 0.006 min
Response: 12752092
Conc: 124.68 ng/ml



#18 AR-1242-3

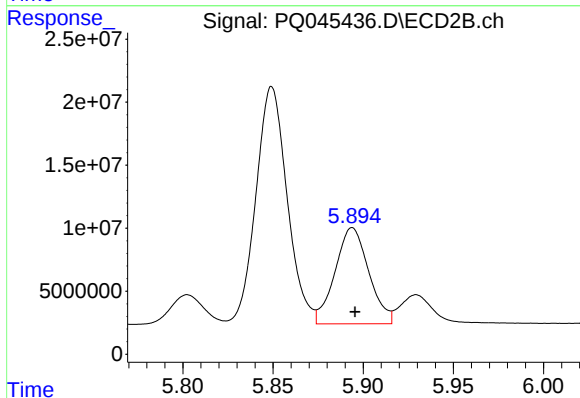
R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 29582146
Conc: 656.48 ng/ml



#19 AR-1242-4

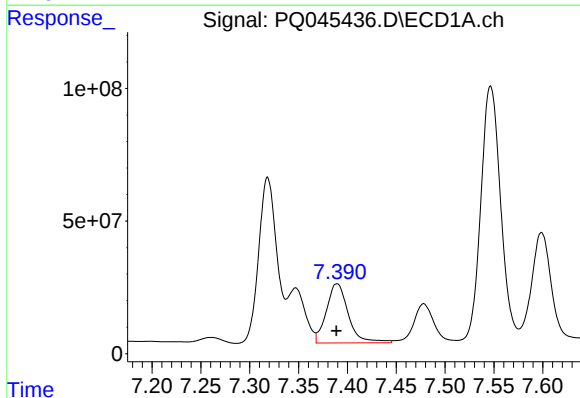
R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 52367235
Conc: 651.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0B13DL



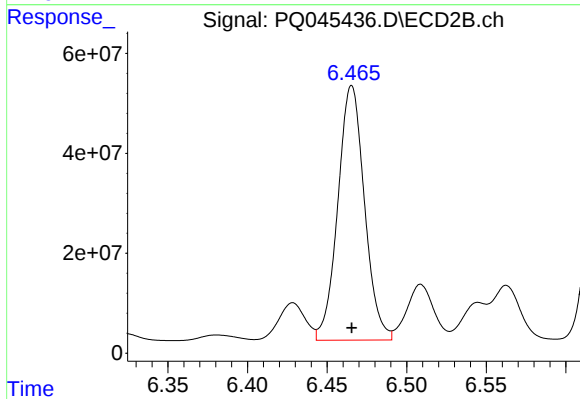
#19 AR-1242-4

R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 99569715
Conc: 2051.36 ng/ml



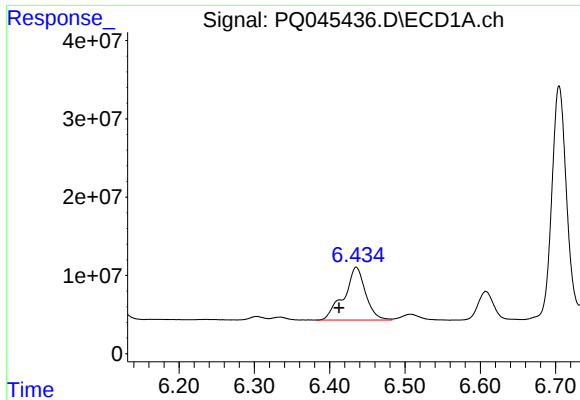
#20 AR-1242-5

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 350062525
Conc: 3730.30 ng/ml



#20 AR-1242-5

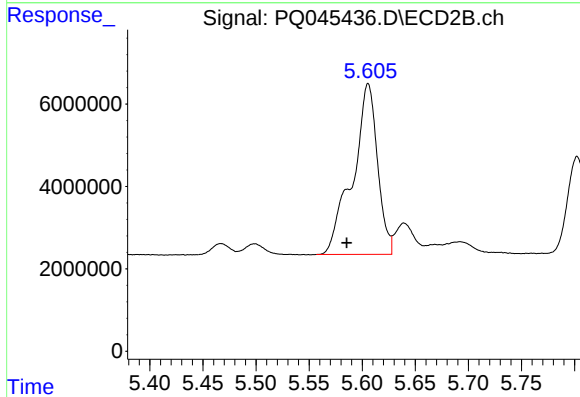
R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 594365163
Conc: 8564.79 ng/ml



#21 AR-1248-1

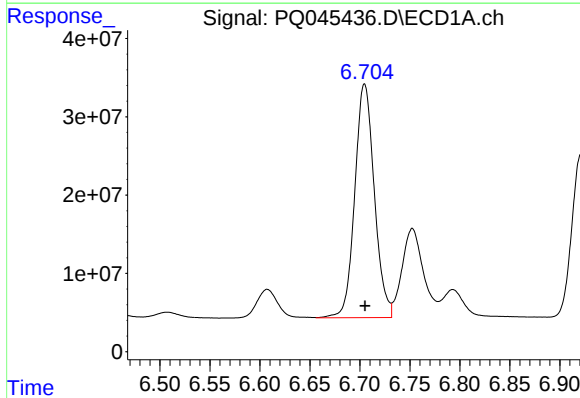
R.T.: 6.435 min
Delta R.T.: 0.023 min
Response: 134348102
Conc: 1658.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0B13DL



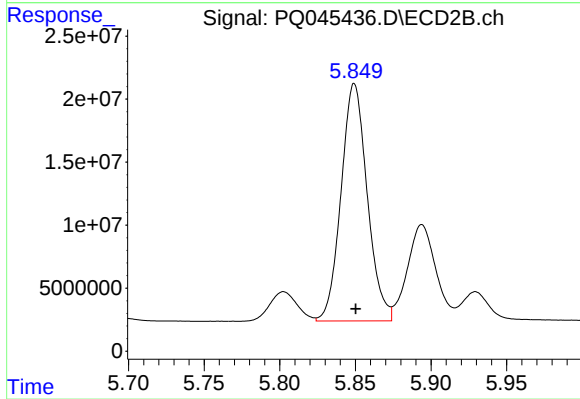
#21 AR-1248-1

R.T.: 5.606 min
Delta R.T.: 0.020 min
Response: 67380999
Conc: 1456.10 ng/ml



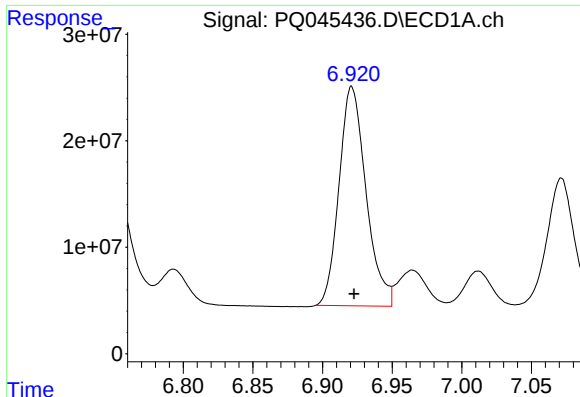
#22 AR-1248-2

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 405664273
Conc: 3192.03 ng/ml



#22 AR-1248-2

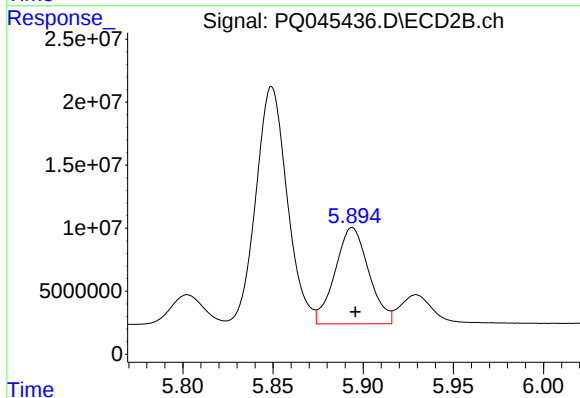
R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 227043185
Conc: 3368.25 ng/ml



#23 AR-1248-3

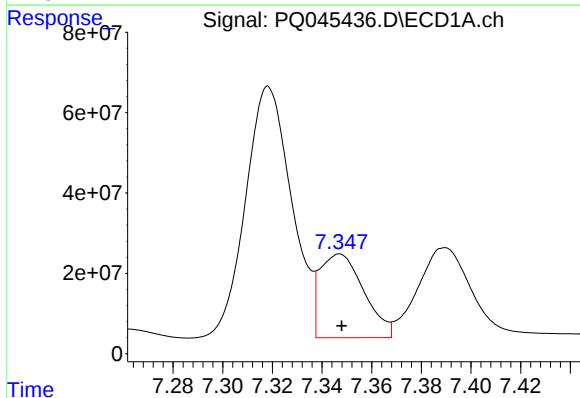
R.T.: 6.921 min
Delta R.T.: -0.002 min
Response: 277626772
Conc: 1993.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0B13DL



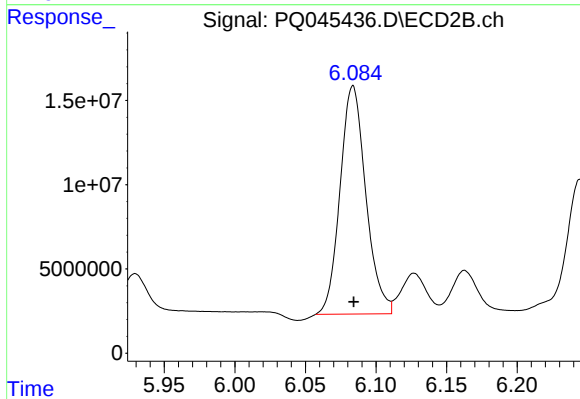
#23 AR-1248-3

R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 99569715
Conc: 1402.13 ng/ml



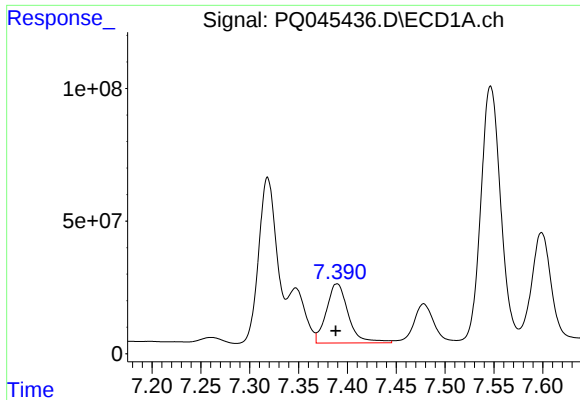
#24 AR-1248-4

R.T.: 7.347 min
Delta R.T.: 0.000 min
Response: 255783270
Conc: 1575.33 ng/ml



#24 AR-1248-4

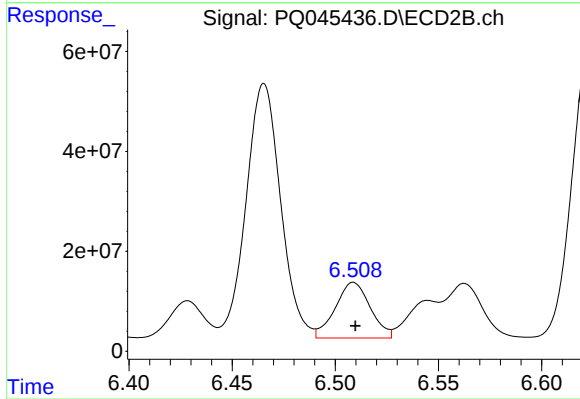
R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 172087915
Conc: 1978.59 ng/ml



#25 AR-1248-5

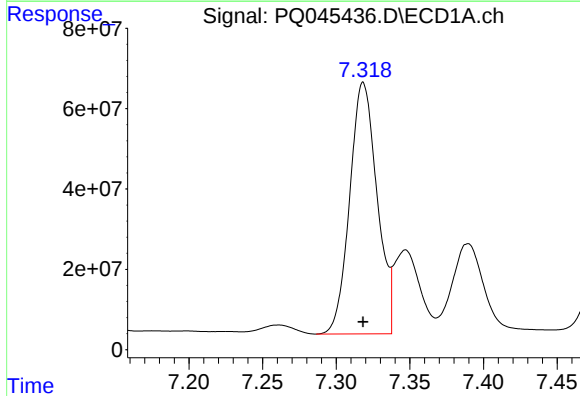
R.T.: 7.389 min
Delta R.T.: 0.001 min
Response: 350062525
Conc: 2234.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0B13DL



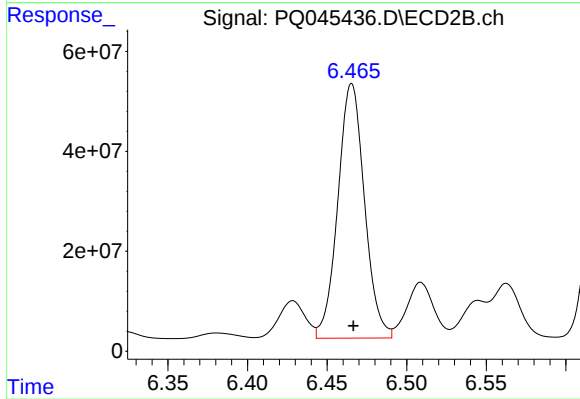
#25 AR-1248-5

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 131634686
Conc: 1392.38 ng/ml



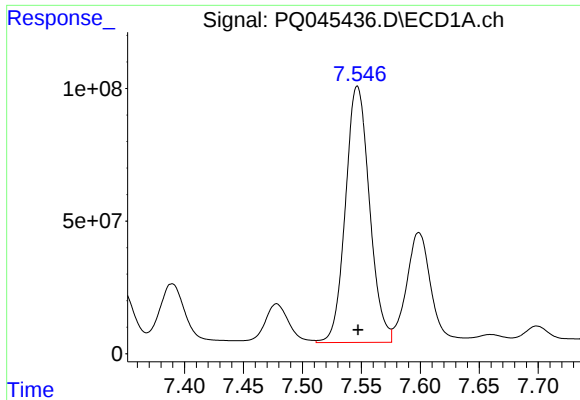
#26 AR-1254-1

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 808921026
Conc: 4917.01 ng/ml



#26 AR-1254-1

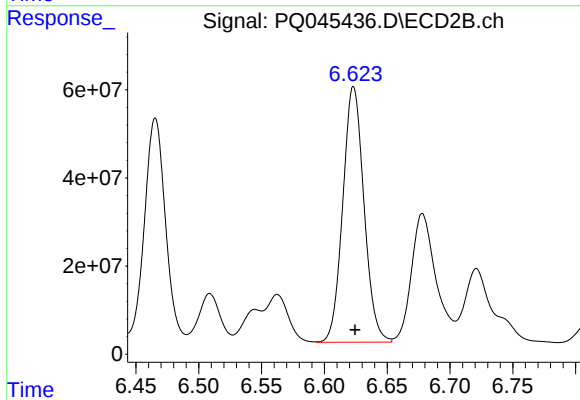
R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 594365163
Conc: 4095.58 ng/ml



#27 AR-1254-2

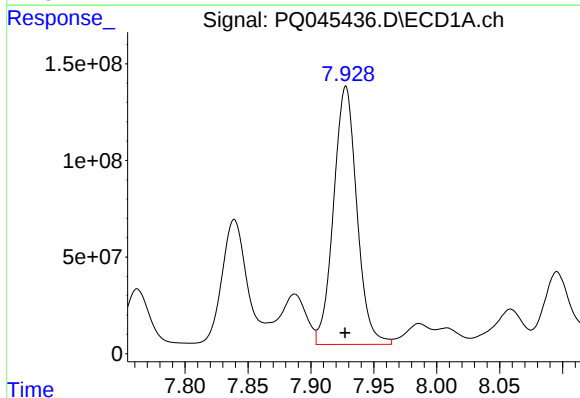
R.T.: 7.547 min
Delta R.T.: 0.000 min
Response: 1371466239
Conc: 5232.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0B13DL



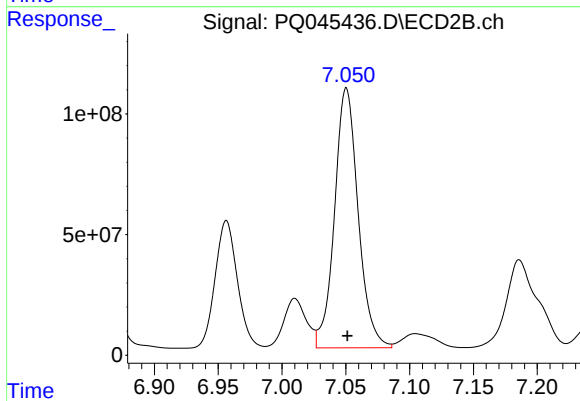
#27 AR-1254-2

R.T.: 6.623 min
Delta R.T.: -0.001 min
Response: 681406556
Conc: 5093.16 ng/ml



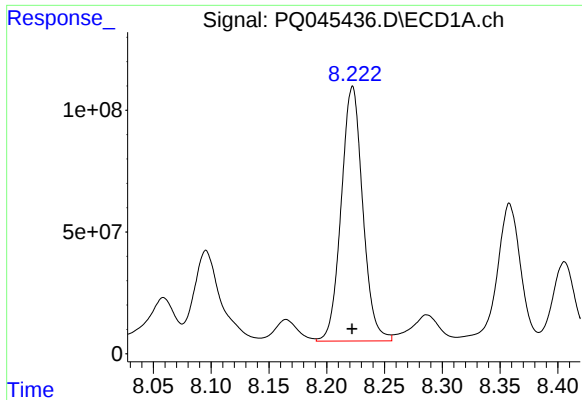
#28 AR-1254-3

R.T.: 7.928 min
Delta R.T.: 0.000 min
Response: 1722045372
Conc: 6023.25 ng/ml



#28 AR-1254-3

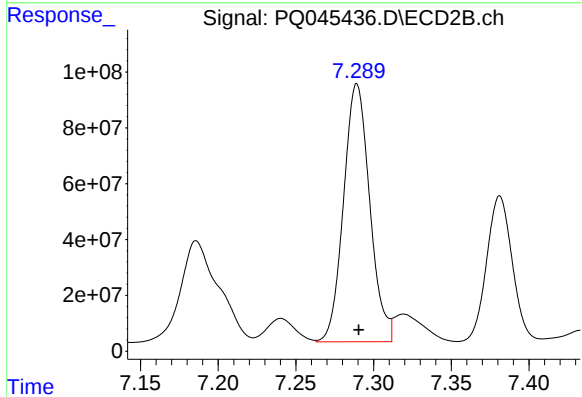
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 1388211235
Conc: 5791.33 ng/ml



#29 AR-1254-4

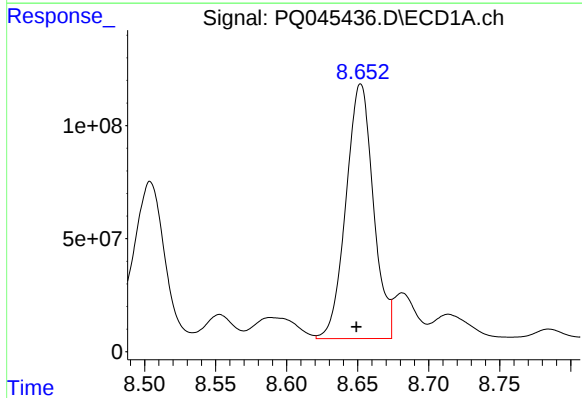
R.T.: 8.222 min
Delta R.T.: 0.000 min
Response: 1358181101
Conc: 6268.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0B13DL



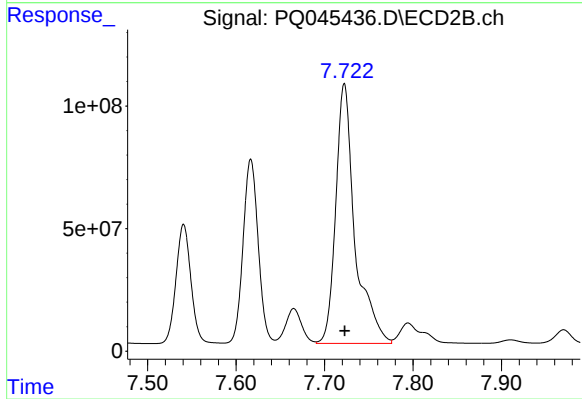
#29 AR-1254-4

R.T.: 7.289 min
Delta R.T.: -0.001 min
Response: 1084962068
Conc: 6497.84 ng/ml



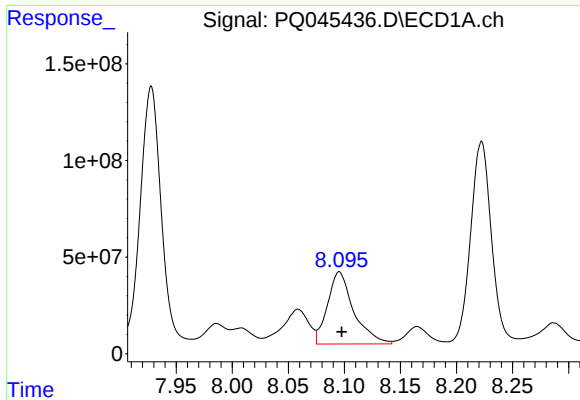
#30 AR-1254-5

R.T.: 8.652 min
Delta R.T.: 0.003 min
Response: 1512556158
Conc: 6146.72 ng/ml



#30 AR-1254-5

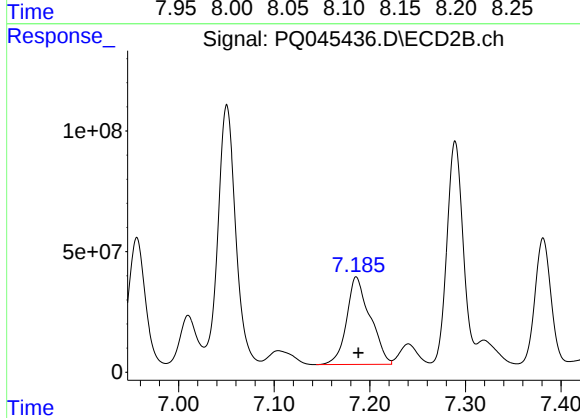
R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 1597731869
Conc: 6200.42 ng/ml



#31 AR-1260-1

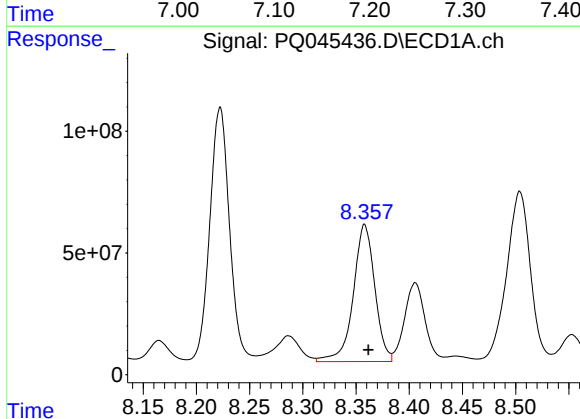
R.T.: 8.095 min
Delta R.T.: -0.002 min
Response: 608002402
Conc: 2845.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0B13DL



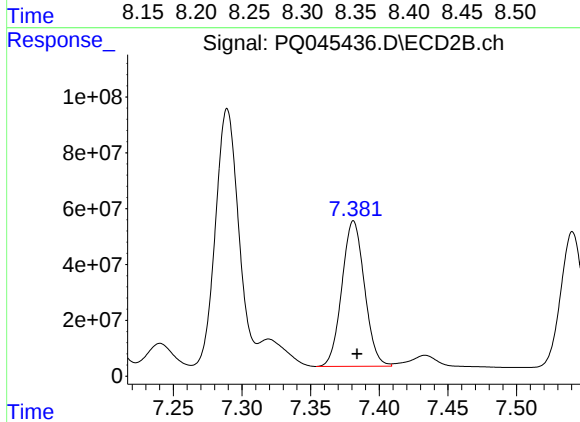
#31 AR-1260-1

R.T.: 7.186 min
Delta R.T.: -0.002 min
Response: 620925978
Conc: 4056.43 ng/ml



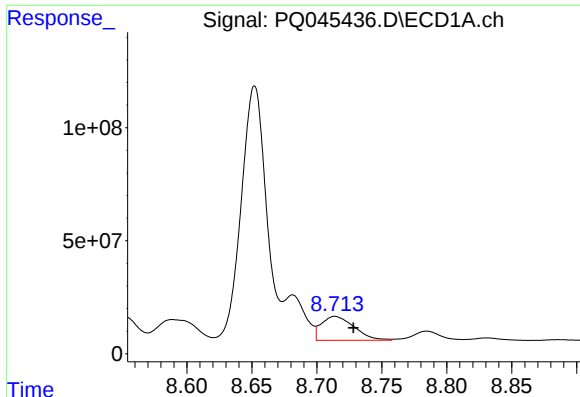
#32 AR-1260-2

R.T.: 8.358 min
Delta R.T.: -0.004 min
Response: 792435713
Conc: 3251.93 ng/ml



#32 AR-1260-2

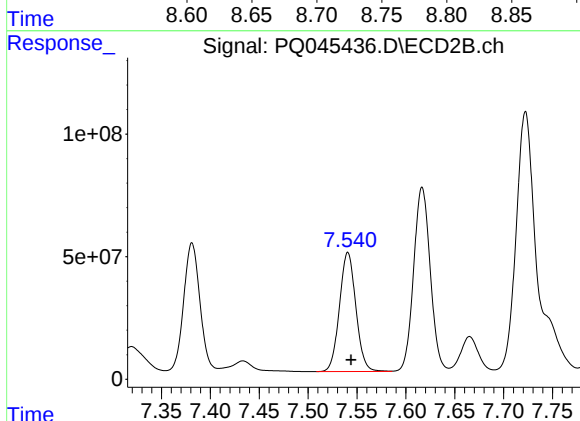
R.T.: 7.381 min
Delta R.T.: -0.003 min
Response: 596340382
Conc: 2985.26 ng/ml



#33 AR-1260-3

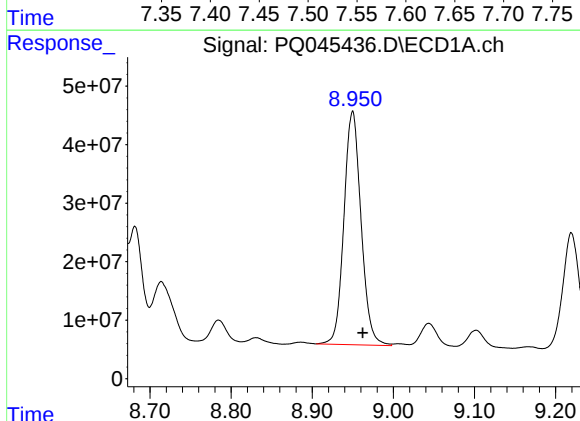
R.T.: 8.714 min
Delta R.T.: -0.014 min
Response: 186844349
Conc: 942.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0B13DL



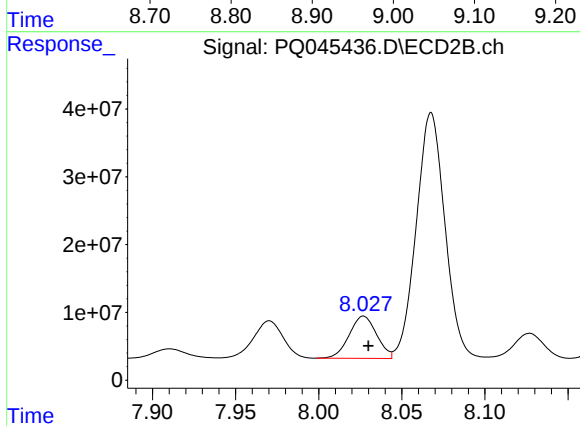
#33 AR-1260-3

R.T.: 7.541 min
Delta R.T.: -0.003 min
Response: 568314254
Conc: 3088.89 ng/ml



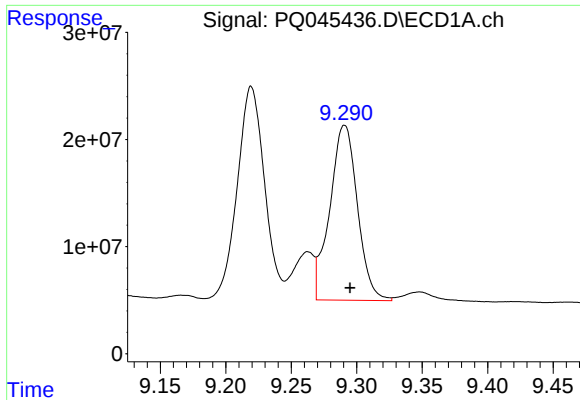
#34 AR-1260-4

R.T.: 8.950 min
Delta R.T.: -0.012 min
Response: 585491246
Conc: 2561.03 ng/ml



#34 AR-1260-4

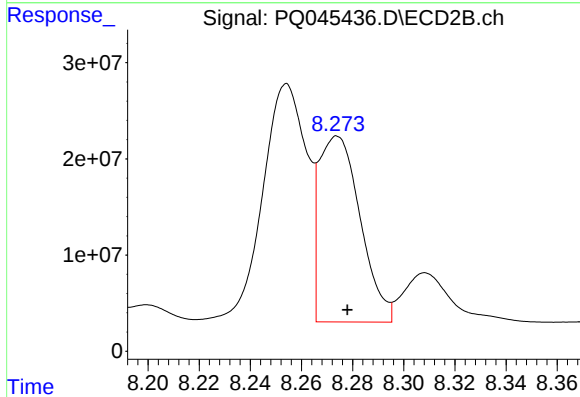
R.T.: 8.027 min
Delta R.T.: -0.003 min
Response: 71522648
Conc: 394.22 ng/ml



#35 AR-1260-5

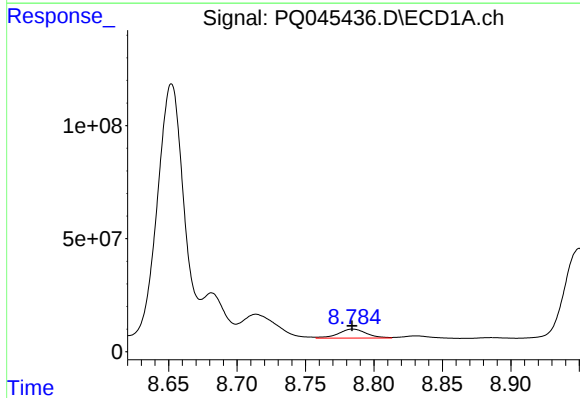
R.T.: 9.291 min
Delta R.T.: -0.004 min
Response: 240398000
Conc: 461.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0B13DL



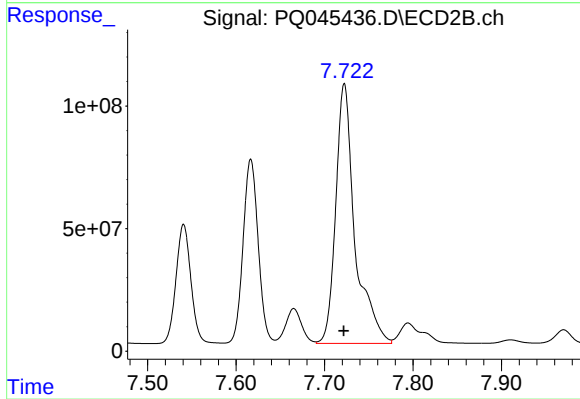
#35 AR-1260-5

R.T.: 8.274 min
Delta R.T.: -0.004 min
Response: 216373456
Conc: 422.91 ng/ml



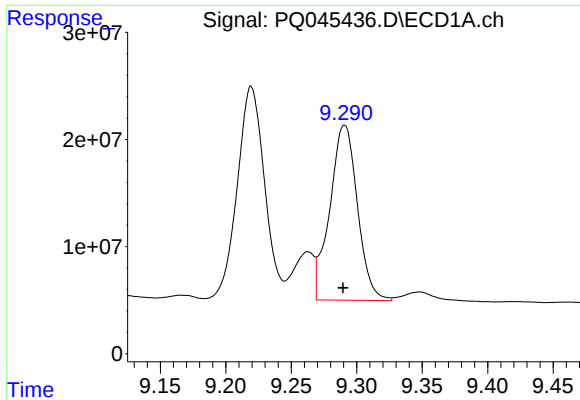
#36 AR-1262-1

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 56962075
Conc: 411.96 ng/ml



#36 AR-1262-1

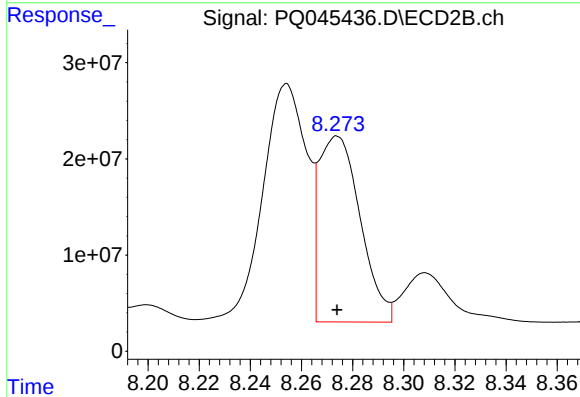
R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 1597731869
Conc: 10952.52 ng/ml



#37 AR-1262-2

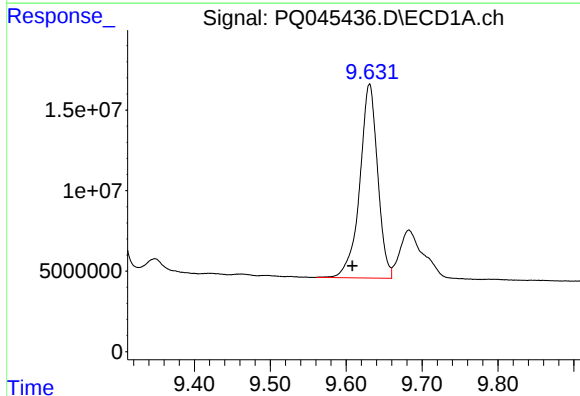
R.T.: 9.291 min
Delta R.T.: 0.001 min
Response: 240398000
Conc: 370.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0B13DL



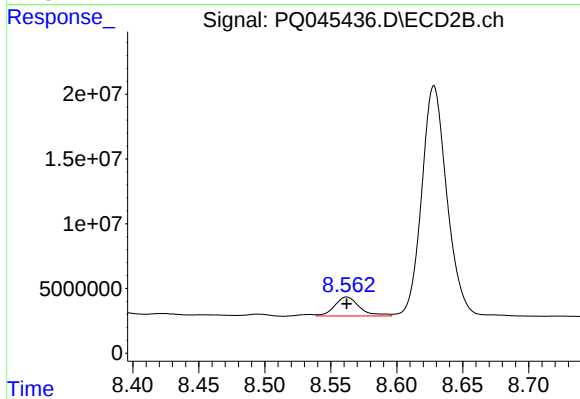
#37 AR-1262-2

R.T.: 8.274 min
Delta R.T.: 0.000 min
Response: 216373456
Conc: 332.56 ng/ml



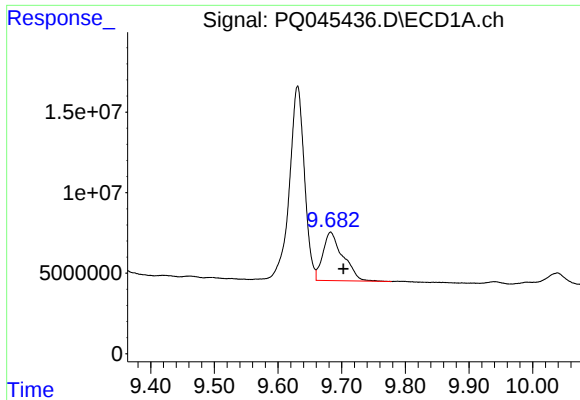
#38 AR-1262-3

R.T.: 9.631 min
Delta R.T.: 0.023 min
Response: 197267601
Conc: 431.16 ng/ml



#38 AR-1262-3

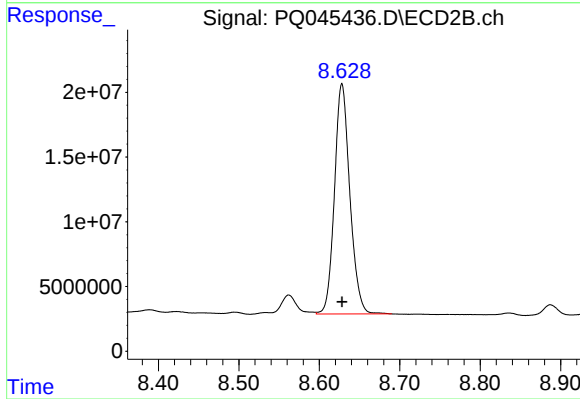
R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 19429508
Conc: 72.94 ng/ml



#39 AR-1262-4

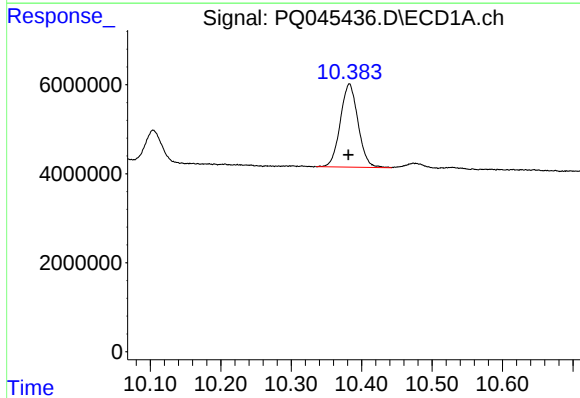
R.T.: 9.683 min
Delta R.T.: -0.020 min
Response: 65766696
Conc: 180.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0B13DL



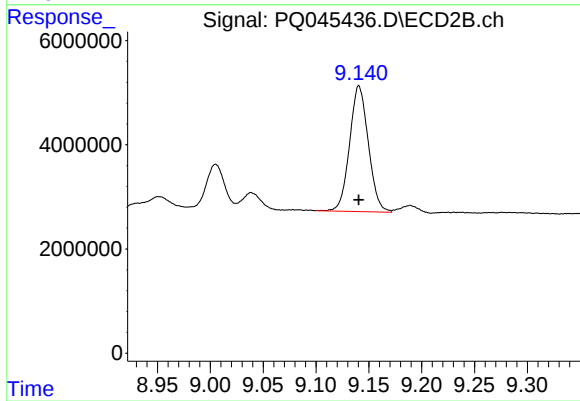
#39 AR-1262-4

R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 236239570
Conc: 451.27 ng/ml



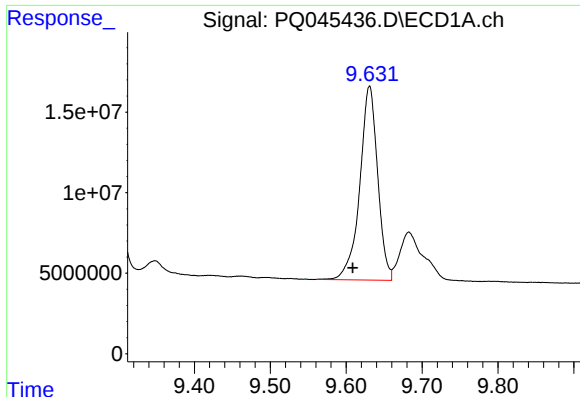
#40 AR-1262-5

R.T.: 10.383 min
Delta R.T.: 0.002 min
Response: 32680071
Conc: 114.66 ng/ml



#40 AR-1262-5

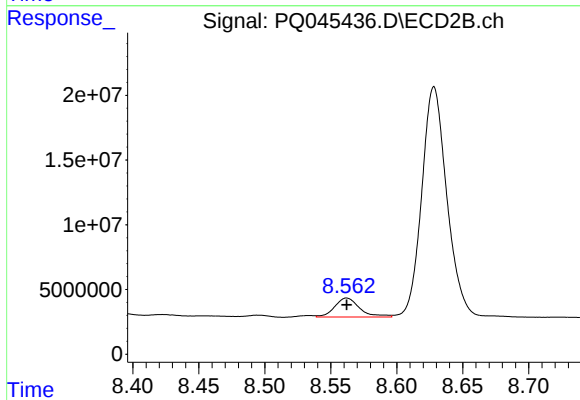
R.T.: 9.141 min
Delta R.T.: 0.000 min
Response: 29826324
Conc: 108.45 ng/ml



#41 AR-1268-1

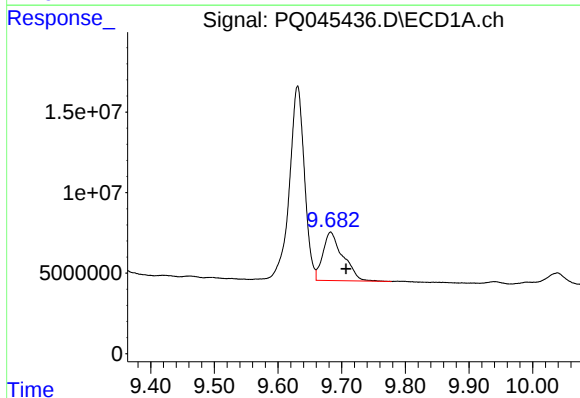
R.T.: 9.631 min
Delta R.T.: 0.022 min
Response: 197267601
Conc: 233.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0B13DL



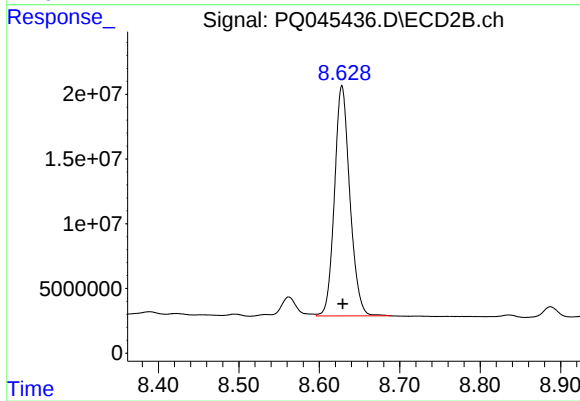
#41 AR-1268-1

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 19429508
Conc: 24.19 ng/ml



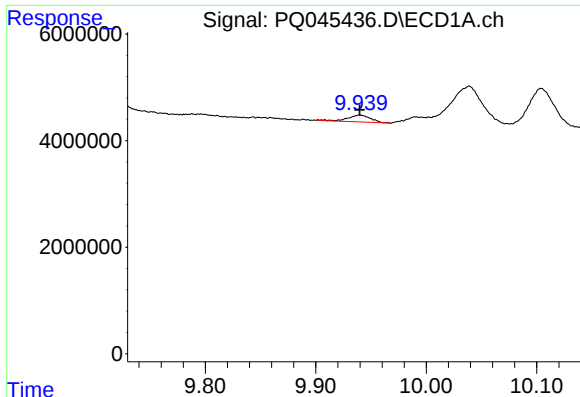
#42 AR-1268-2

R.T.: 9.683 min
Delta R.T.: -0.024 min
Response: 65766696
Conc: 79.51 ng/ml



#42 AR-1268-2

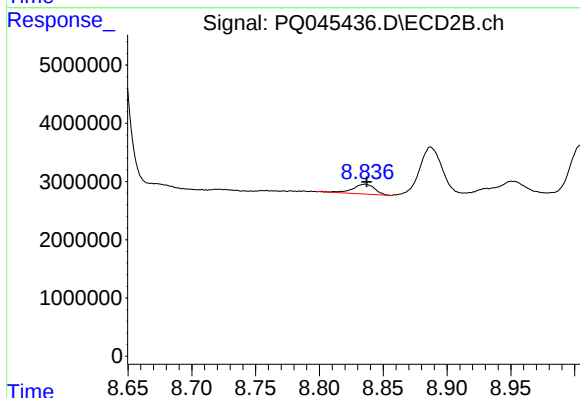
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 236239570
Conc: 310.59 ng/ml



#43 AR-1268-3

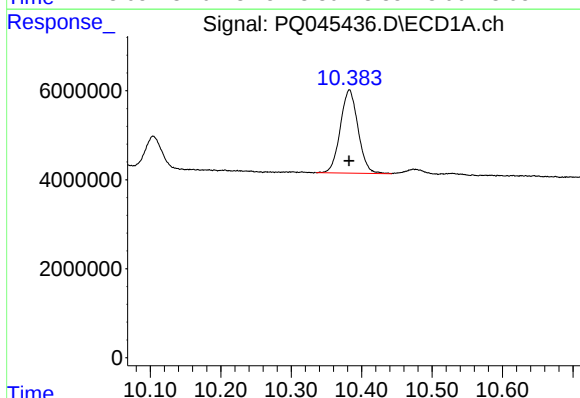
R.T.: 9.940 min
Delta R.T.: 0.000 min
Response: 1826219
Conc: 2.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0B13DL



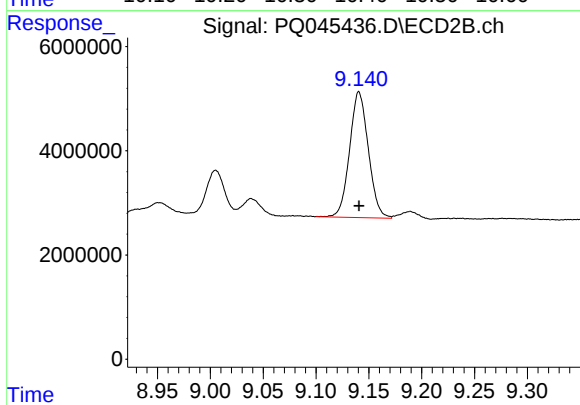
#43 AR-1268-3

R.T.: 8.836 min
Delta R.T.: -0.001 min
Response: 2055562
Conc: 3.29 ng/ml



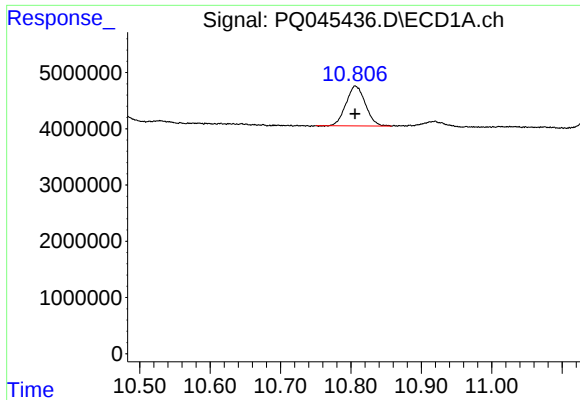
#44 AR-1268-4

R.T.: 10.383 min
Delta R.T.: 0.000 min
Response: 32680071
Conc: 99.41 ng/ml



#44 AR-1268-4

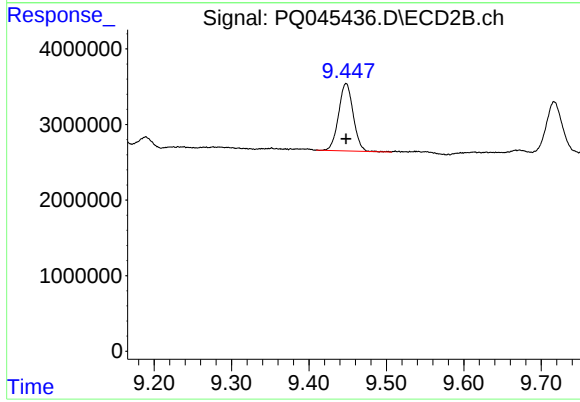
R.T.: 9.141 min
Delta R.T.: 0.000 min
Response: 29826324
Conc: 93.72 ng/ml



#45 AR-1268-5

R.T.: 10.806 min
Delta R.T.: 0.000 min
Response: 13589195
Conc: 5.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0B13DL



#45 AR-1268-5

R.T.: 9.448 min
Delta R.T.: 0.000 min
Response: 11684114
Conc: 4.84 ng/ml