

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071619\
 Data File : PQ041222.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2019 11:15
 Operator : SM\AJ
 Sample : K3832-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 S12-01-B

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 11:33:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 13 02:14:45 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...	5.715	4.771	196.1E6	126.6E6	19.303	19.408
2)	SA Decachlor...	12.132	10.544	174.5E6	61714725	13.591	13.201
Target Compounds							
3)	L1 AR-1016-1	7.160	6.227	288.2E6	182.8E6	724.981	728.544
4)	L1 AR-1016-2	7.186	6.250	383.8E6	222.0E6	662.114	622.810
5)	L1 AR-1016-3	7.258	6.464	120.2E6	129.8E6	351.488	698.418 #
6)	L1 AR-1016-4	7.369	6.518	214.3E6	220.2E6	740.619	1444.951 #
7)	L1 AR-1016-5	7.704	6.770	409.6E6	260.9E6	1504.024	1370.200
10)	L2 AR-1221-3	6.200	5.301	11016945	8400699	41.709	48.280
11)	L3 AR-1232-1	6.200	5.301	11016945	8400699	55.457	61.259
12)	L3 AR-1232-2	6.844	6.250	170.8E6	222.0E6	1630.597	1525.013
13)	L3 AR-1232-3	7.186	6.464	383.8E6	129.8E6	1661.998	1743.261
14)	L3 AR-1232-4	7.369	6.566	214.3E6	219.2E6	1910.581	3452.656 #
15)	L3 AR-1232-5	7.475	6.770	330.2E6	260.9E6	4564.052	3804.560
16)	L4 AR-1242-1	7.160	6.227	288.2E6	182.8E6	647.597	635.708
17)	L4 AR-1242-2	7.186	6.250	383.8E6	222.0E6	580.753	535.327
18)	L4 AR-1242-3	7.258	6.464	120.2E6	129.8E6	313.025	608.169 #
19)	L4 AR-1242-4	7.369	6.566	214.3E6	219.2E6	642.945	1109.275 #
20)	L4 AR-1242-5	8.192	7.179	617.9E6	449.5E6	1288.276	1513.445
21)	L5 AR-1248-1	7.160	6.227	288.2E6	182.8E6	944.328	935.792
22)	L5 AR-1248-2	7.475	6.518	330.2E6	220.2E6	856.459	862.251
23)	L5 AR-1248-3	7.704	6.566	409.6E6	219.2E6	834.654	841.166
24)	L5 AR-1248-4	8.151	6.770	515.2E6	260.9E6	865.563	822.204
25)	L5 AR-1248-5	8.192	7.226	617.9E6	336.4E6	1056.601	1007.736
26)	L6 AR-1254-1	8.121	7.179	492.4E6	449.5E6	954.840	1243.265 #
27)	L6 AR-1254-2	8.362	7.347	737.7E6	203.4E6	1143.992	665.523 #
28)	L6 AR-1254-3	8.753	7.796	507.7E6	475.9E6	693.968	959.762 #
29)	L6 AR-1254-4	9.056	8.044	413.5E6	206.2E6	653.745	605.143
30)	L6 AR-1254-5	9.495	8.491	1071.0E6	513.3E6	1854.442	1223.714 #
31)	L7 AR-1260-1	8.927	7.938	379.3E6	289.6E6	717.094	852.373
32)	L7 AR-1260-2	9.196	8.140	688.4E6	275.9E6	918.377	620.524 #
33)	L7 AR-1260-3	9.572	8.306	332.0E6	217.1E6	517.615	582.254
34)	L7 AR-1260-4	9.816	8.805	403.7E6	140.7E6	665.436	467.893 #
35)	L7 AR-1260-5	10.166	9.055	741.5E6	354.7E6	519.619	478.984
36)	L8 AR-1262-1	9.572	8.530	332.0E6	185.4E6	330.407	341.154
37)	L8 AR-1262-2	10.166	9.055	741.5E6	354.7E6	415.899	401.732
38)	L8 AR-1262-3	10.523	9.350	442.1E6	68647646	379.977	196.902 #
39)	L8 AR-1262-4	10.601	9.417	95752411	207.4E6	105.361	338.305 #
40)	L8 AR-1262-5	11.316	9.942	186.4E6	71948218	293.571	274.676
41)	L9 AR-1268-1	10.523	9.350	442.1E6	68647646	216.341	75.447 #
42)	L9 AR-1268-2	10.601	9.417	95752411	207.4E6	52.133	256.714 #
43)	L9 AR-1268-3	0.000	9.633	0	5353005	N.D.	8.202 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071619\
 Data File : PQ041222.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2019 11:15
 Operator : SM\AJ
 Sample : K3832-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

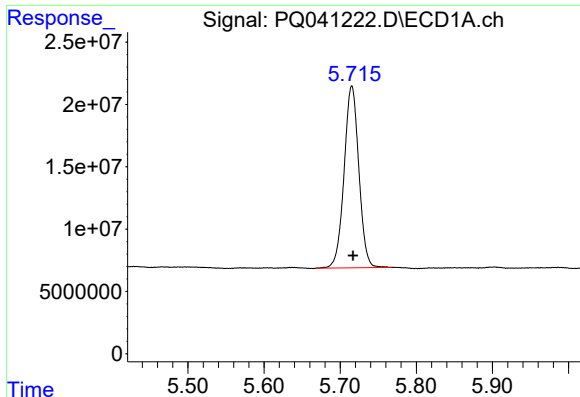
Instrument :
 ECD_Q
 ClientSampleId :
 S12-01-B

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 11:33:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 13 02:14:45 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	11.316	9.942	186.4E6	71948218	283.278	261.204
45) L9	AR-1268-5	11.765	10.263	55596493	20851199	11.279	11.777

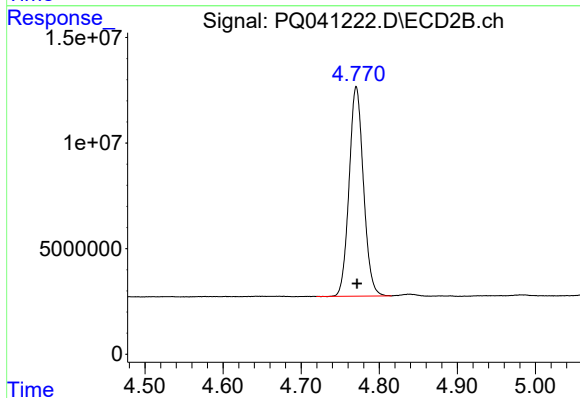
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

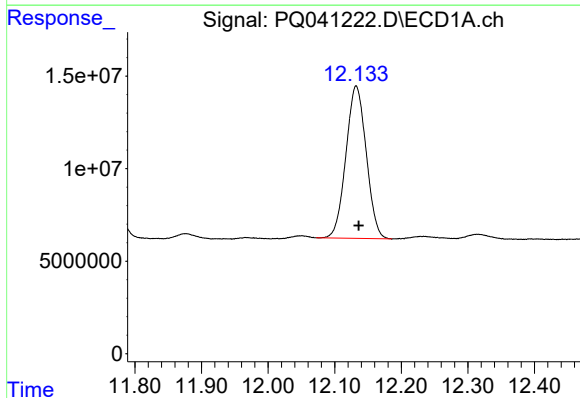
R.T.: 5.715 min
Delta R.T.: -0.002 min
Response: 196076390
Conc: 19.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



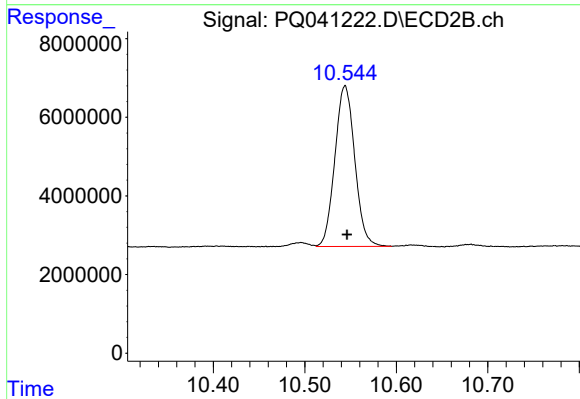
#1 Tetrachloro-m-xylene

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 126559827
Conc: 19.41 ng/ml



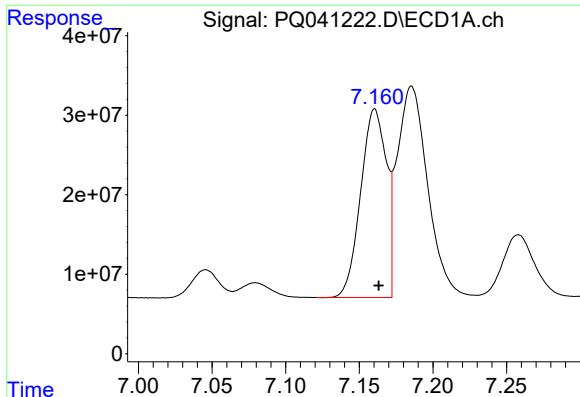
#2 Decachlorobiphenyl

R.T.: 12.132 min
Delta R.T.: -0.004 min
Response: 174541032
Conc: 13.59 ng/ml



#2 Decachlorobiphenyl

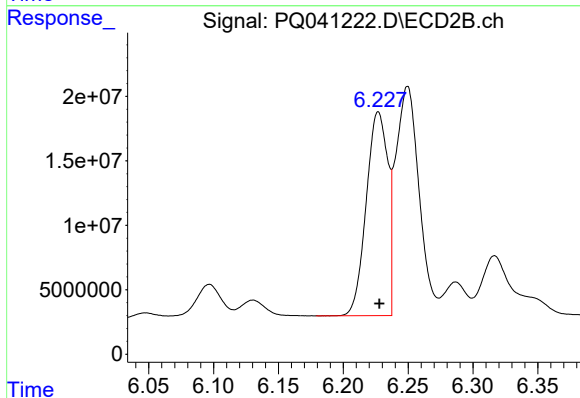
R.T.: 10.544 min
Delta R.T.: -0.002 min
Response: 61714725
Conc: 13.20 ng/ml



#3 AR-1016-1

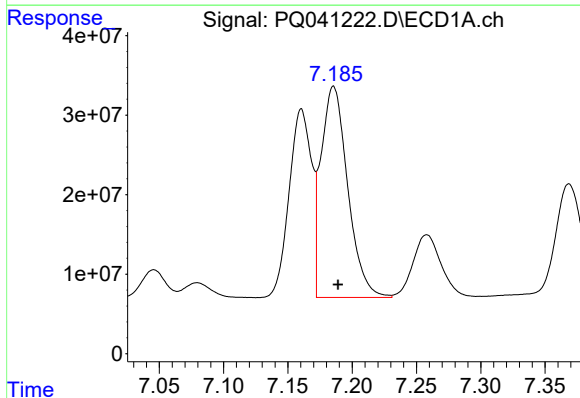
R.T.: 7.160 min
Delta R.T.: -0.003 min
Response: 288211324
Conc: 724.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



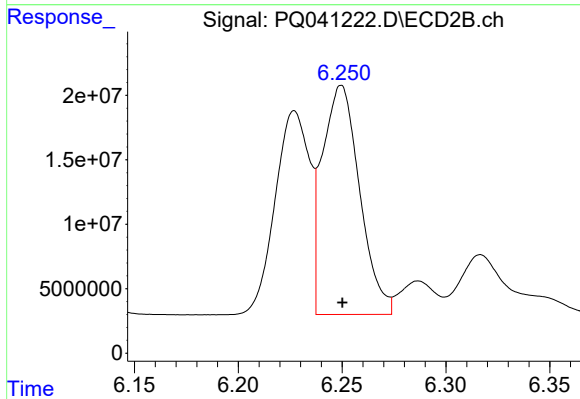
#3 AR-1016-1

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 182825479
Conc: 728.54 ng/ml



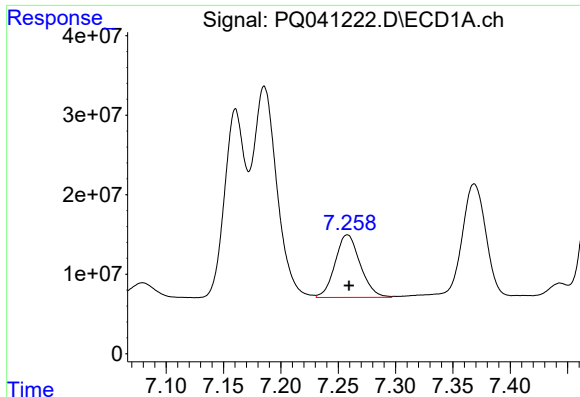
#4 AR-1016-2

R.T.: 7.186 min
Delta R.T.: -0.004 min
Response: 383847818
Conc: 662.11 ng/ml



#4 AR-1016-2

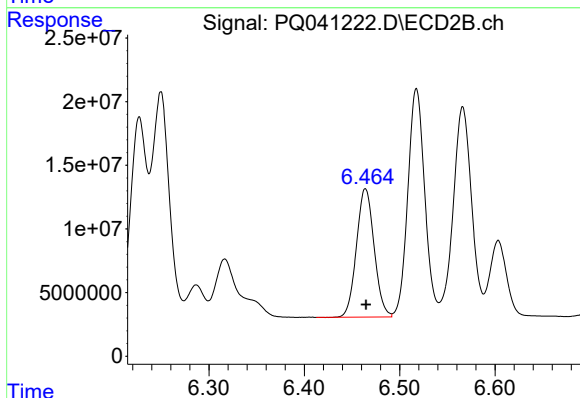
R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 222010211
Conc: 622.81 ng/ml



#5 AR-1016-3

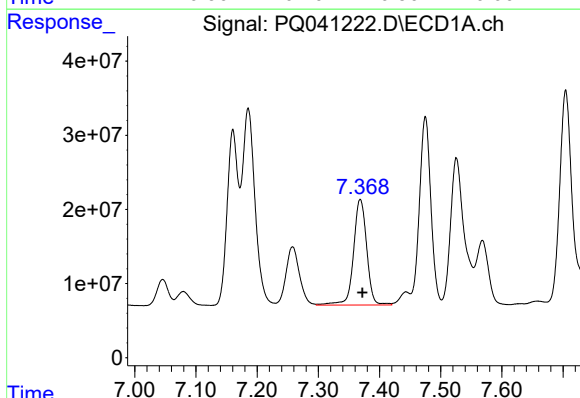
R.T.: 7.258 min
Delta R.T.: -0.001 min
Response: 120154528
Conc: 351.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



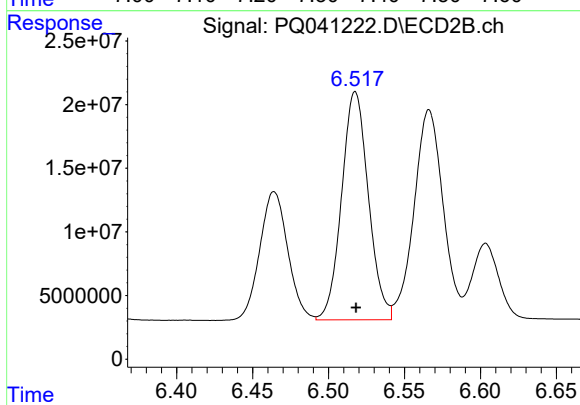
#5 AR-1016-3

R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 129790937
Conc: 698.42 ng/ml



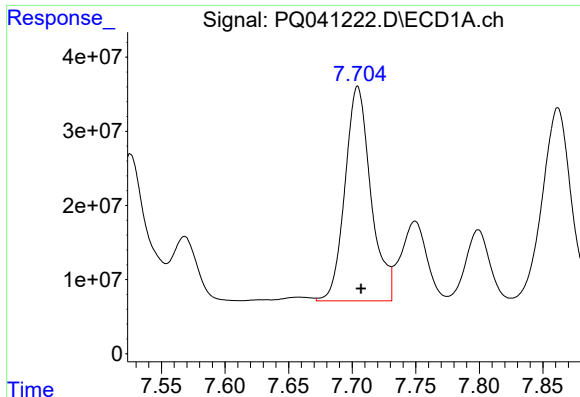
#6 AR-1016-4

R.T.: 7.369 min
Delta R.T.: -0.004 min
Response: 214347293
Conc: 740.62 ng/ml



#6 AR-1016-4

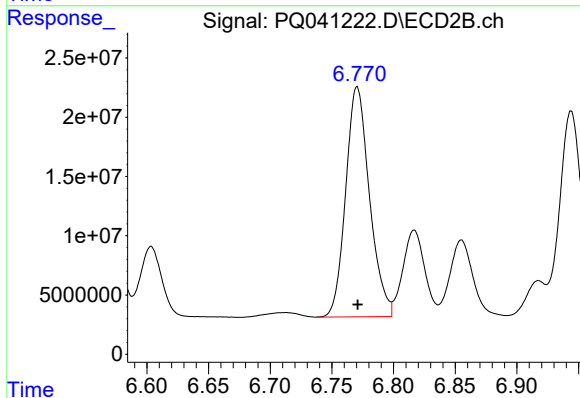
R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 220237946
Conc: 1444.95 ng/ml



#7 AR-1016-5

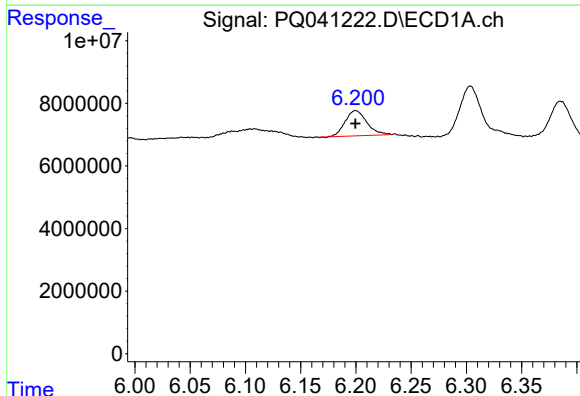
R.T.: 7.704 min
Delta R.T.: -0.003 min
Response: 409601020
Conc: 1504.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



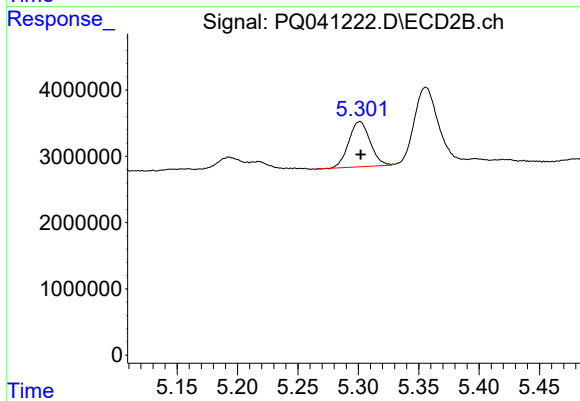
#7 AR-1016-5

R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 260904514
Conc: 1370.20 ng/ml



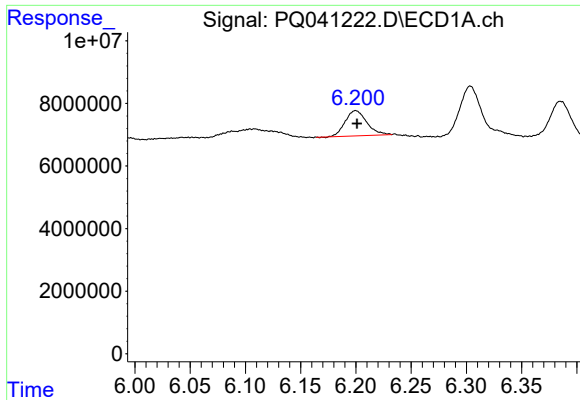
#10 AR-1221-3

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 11016945
Conc: 41.71 ng/ml



#10 AR-1221-3

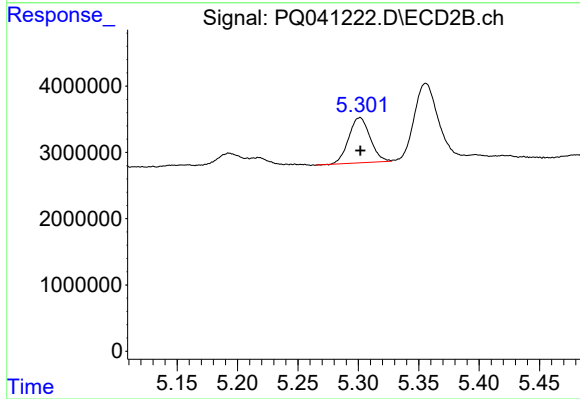
R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 8400699
Conc: 48.28 ng/ml



#11 AR-1232-1

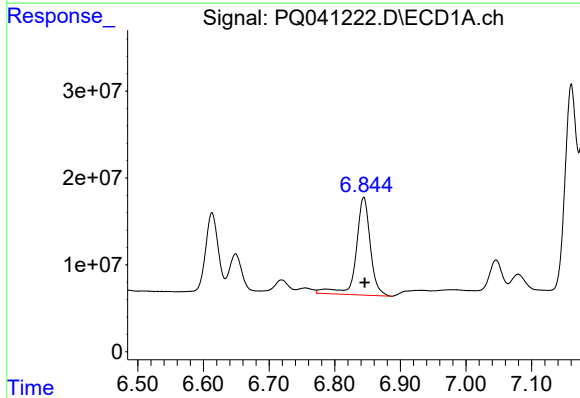
R.T.: 6.200 min
Delta R.T.: -0.001 min
Response: 11016945
Conc: 55.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



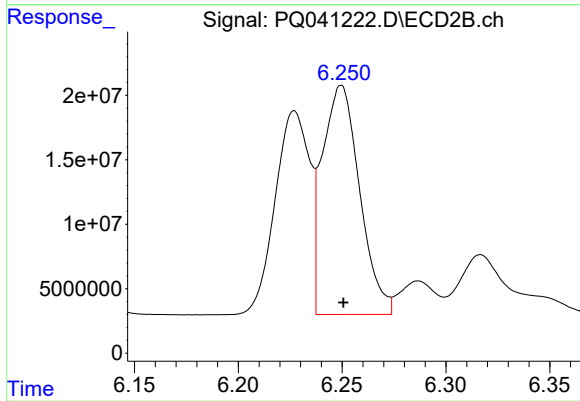
#11 AR-1232-1

R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 8400699
Conc: 61.26 ng/ml



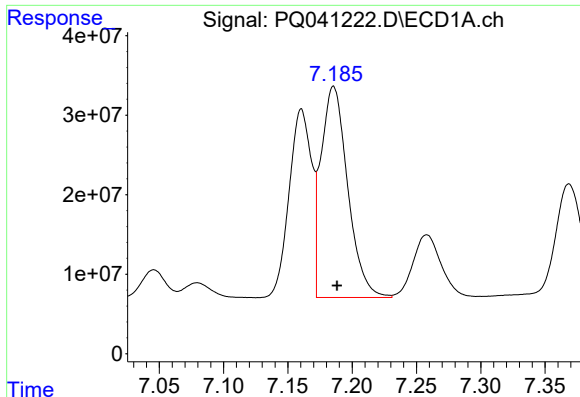
#12 AR-1232-2

R.T.: 6.844 min
Delta R.T.: -0.001 min
Response: 170791996
Conc: 1630.60 ng/ml



#12 AR-1232-2

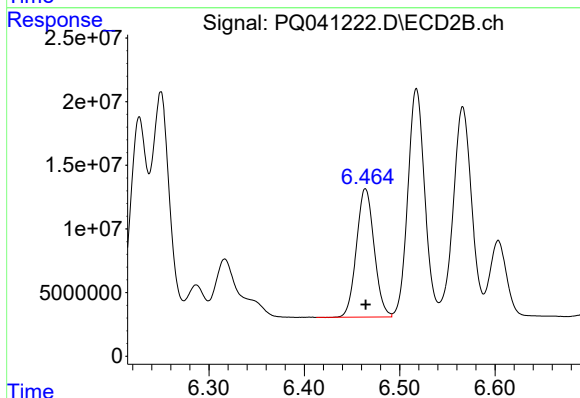
R.T.: 6.250 min
Delta R.T.: -0.001 min
Response: 222010211
Conc: 1525.01 ng/ml



#13 AR-1232-3

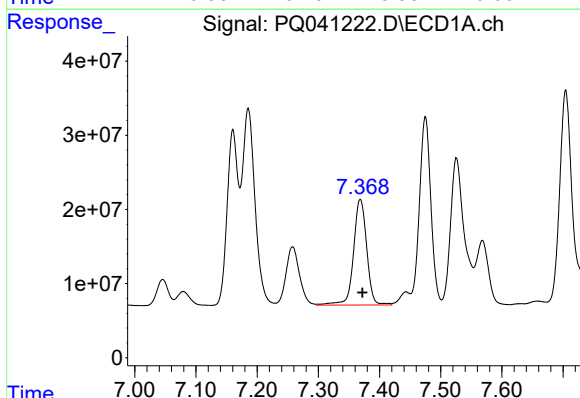
R.T.: 7.186 min
Delta R.T.: -0.003 min
Response: 383847818
Conc: 1662.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



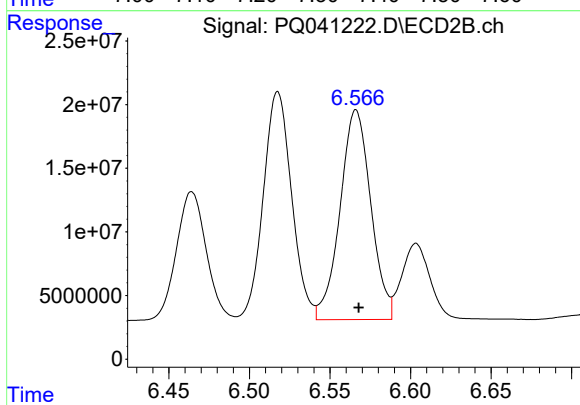
#13 AR-1232-3

R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 129790937
Conc: 1743.26 ng/ml



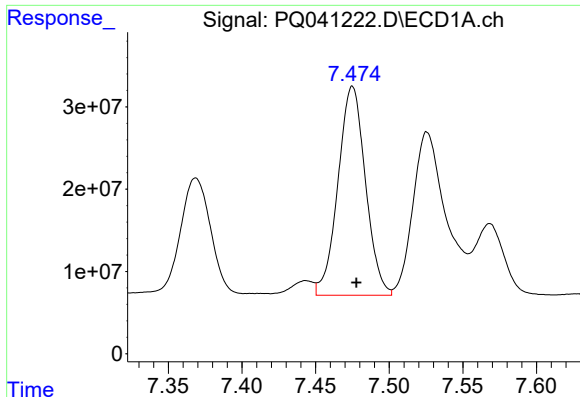
#14 AR-1232-4

R.T.: 7.369 min
Delta R.T.: -0.004 min
Response: 214347293
Conc: 1910.58 ng/ml



#14 AR-1232-4

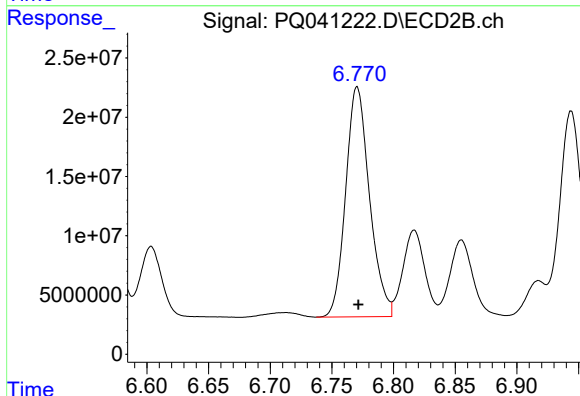
R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 219233214
Conc: 3452.66 ng/ml



#15 AR-1232-5

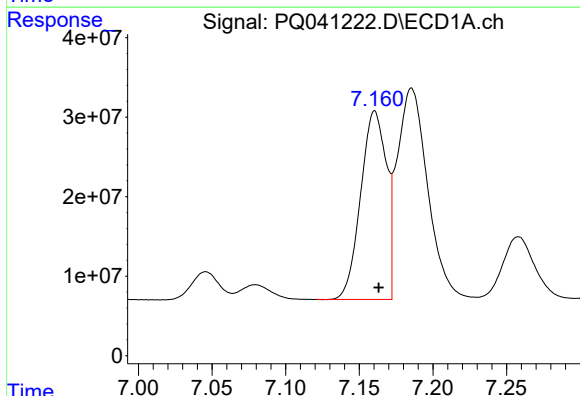
R.T.: 7.475 min
Delta R.T.: -0.003 min
Response: 330195869
Conc: 4564.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



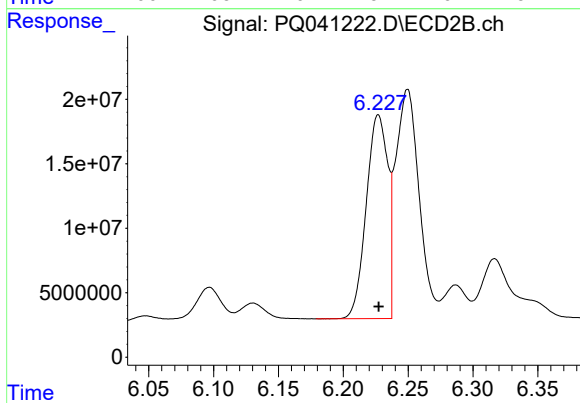
#15 AR-1232-5

R.T.: 6.770 min
Delta R.T.: -0.001 min
Response: 260904514
Conc: 3804.56 ng/ml



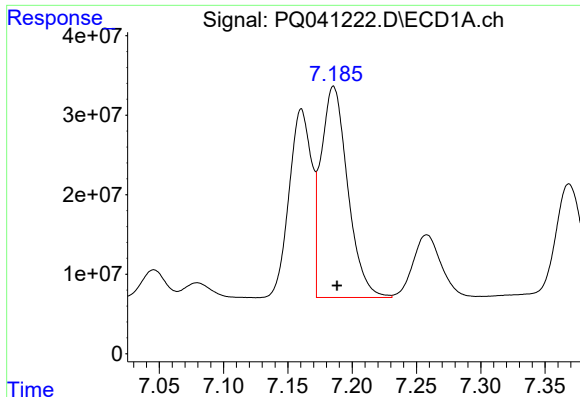
#16 AR-1242-1

R.T.: 7.160 min
Delta R.T.: -0.003 min
Response: 288211324
Conc: 647.60 ng/ml



#16 AR-1242-1

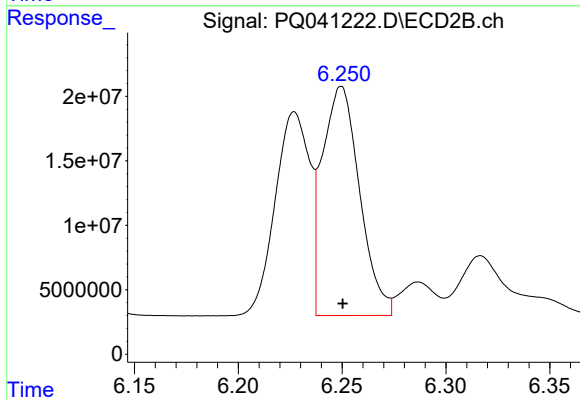
R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 182825479
Conc: 635.71 ng/ml



#17 AR-1242-2

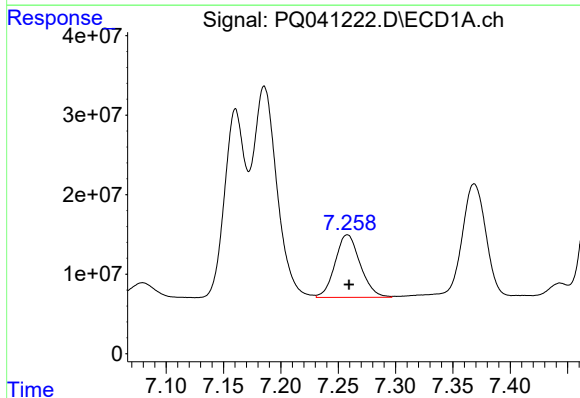
R.T.: 7.186 min
Delta R.T.: -0.003 min
Response: 383847818
Conc: 580.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



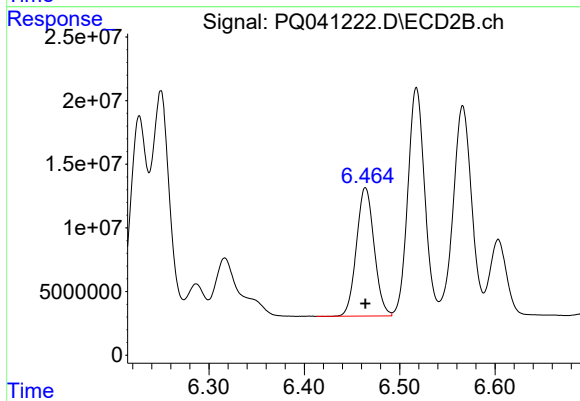
#17 AR-1242-2

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 222010211
Conc: 535.33 ng/ml



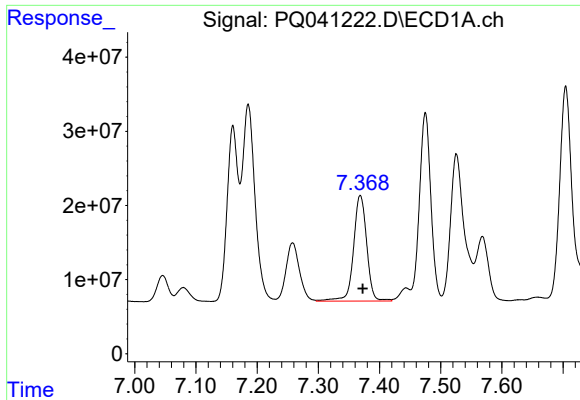
#18 AR-1242-3

R.T.: 7.258 min
Delta R.T.: -0.001 min
Response: 120154528
Conc: 313.03 ng/ml



#18 AR-1242-3

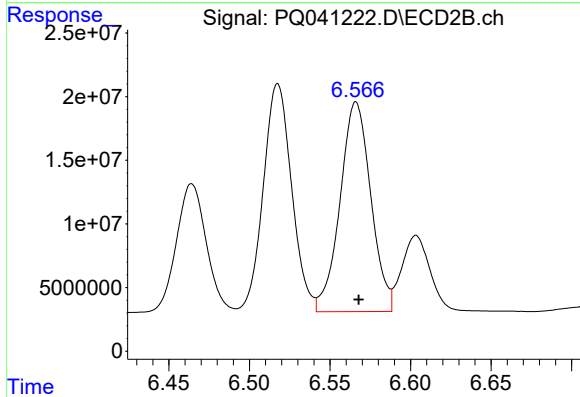
R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 129790937
Conc: 608.17 ng/ml



#19 AR-1242-4

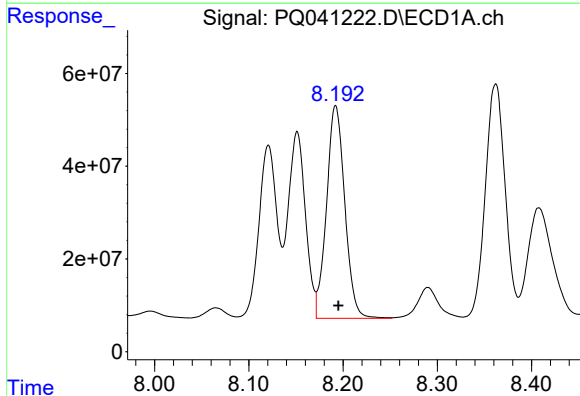
R.T.: 7.369 min
Delta R.T.: -0.004 min
Response: 214347293
Conc: 642.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



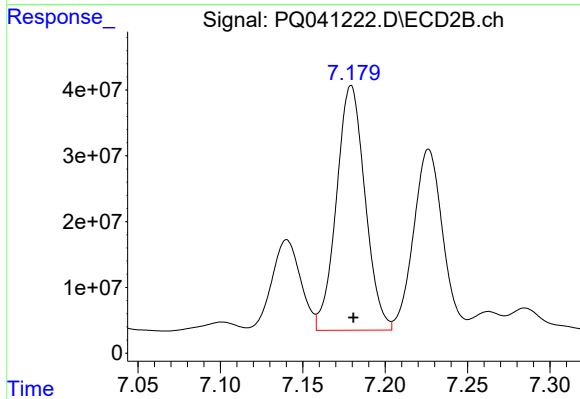
#19 AR-1242-4

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 219233214
Conc: 1109.28 ng/ml



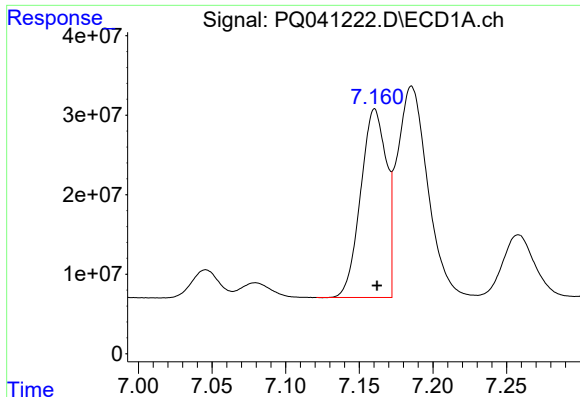
#20 AR-1242-5

R.T.: 8.192 min
Delta R.T.: -0.003 min
Response: 617922557
Conc: 1288.28 ng/ml



#20 AR-1242-5

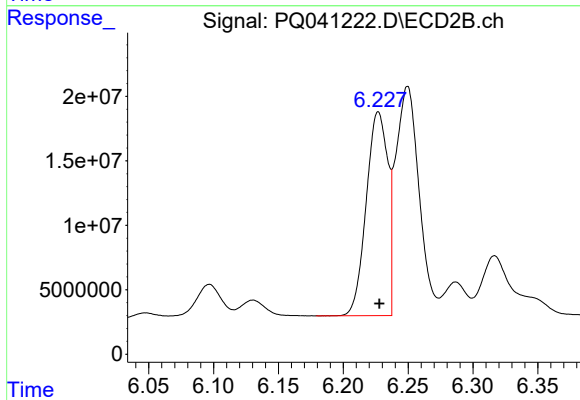
R.T.: 7.179 min
Delta R.T.: -0.001 min
Response: 449453275
Conc: 1513.44 ng/ml



#21 AR-1248-1

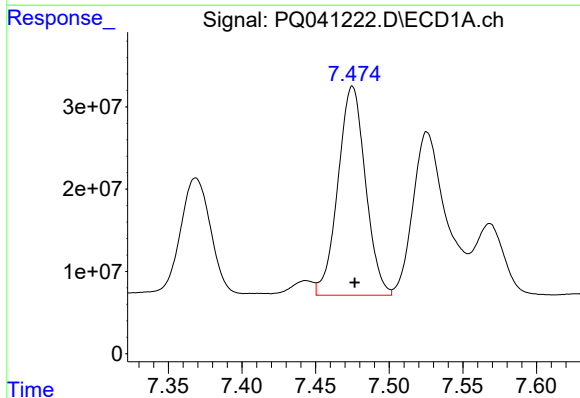
R.T.: 7.160 min
Delta R.T.: -0.002 min
Response: 288211324
Conc: 944.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



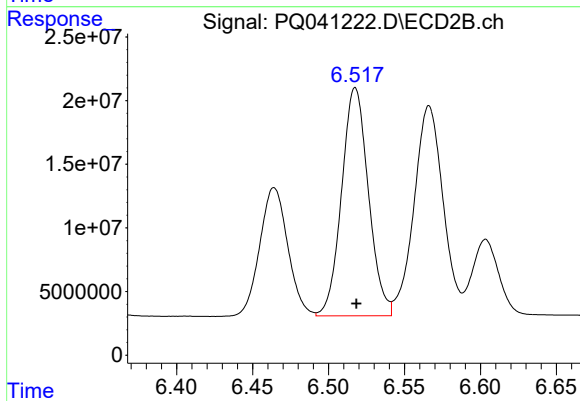
#21 AR-1248-1

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 182825479
Conc: 935.79 ng/ml



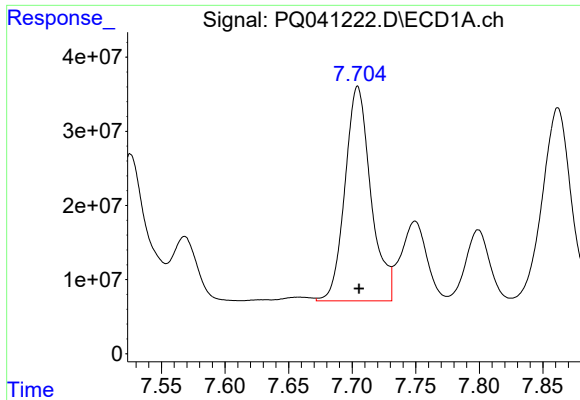
#22 AR-1248-2

R.T.: 7.475 min
Delta R.T.: -0.002 min
Response: 330195869
Conc: 856.46 ng/ml



#22 AR-1248-2

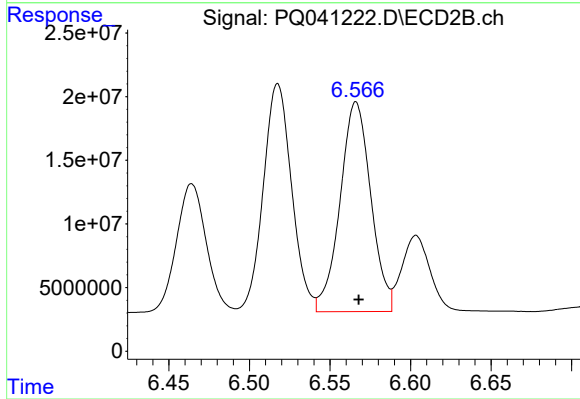
R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 220237946
Conc: 862.25 ng/ml



#23 AR-1248-3

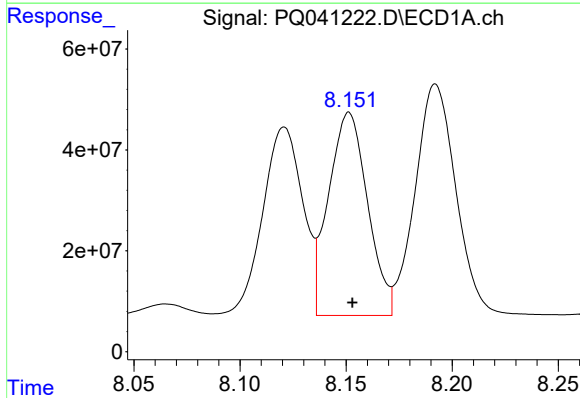
R.T.: 7.704 min
Delta R.T.: -0.001 min
Response: 409601020
Conc: 834.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



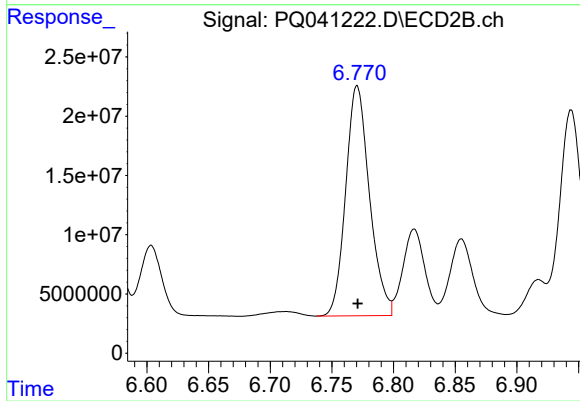
#23 AR-1248-3

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 219233214
Conc: 841.17 ng/ml



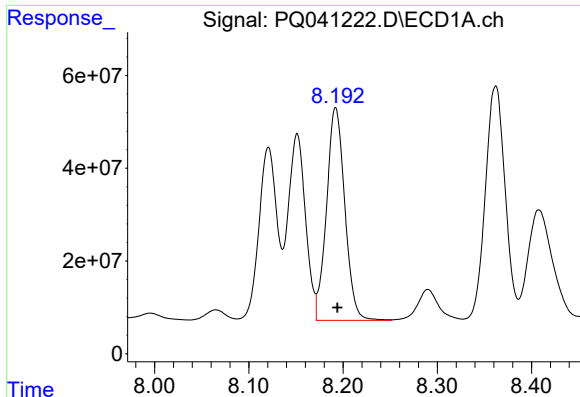
#24 AR-1248-4

R.T.: 8.151 min
Delta R.T.: -0.002 min
Response: 515198304
Conc: 865.56 ng/ml



#24 AR-1248-4

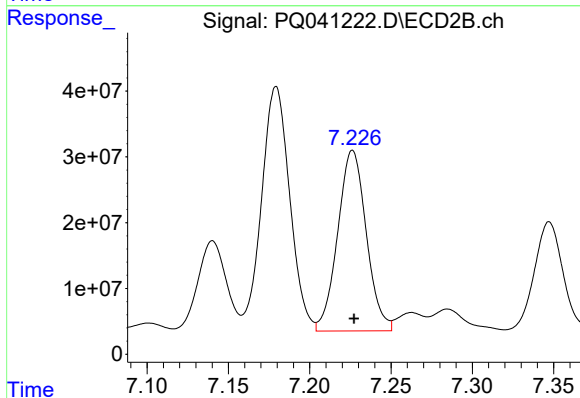
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 260904514
Conc: 822.20 ng/ml



#25 AR-1248-5

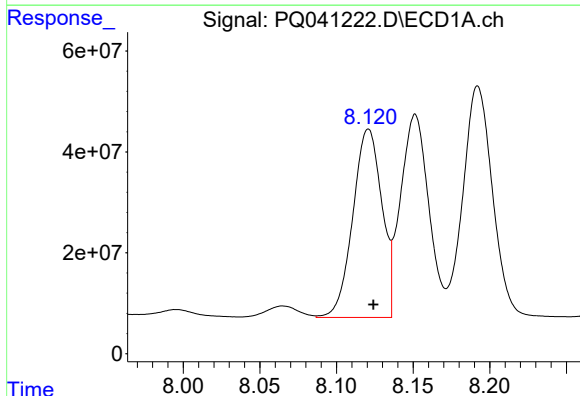
R.T.: 8.192 min
Delta R.T.: -0.002 min
Response: 617922557
Conc: 1056.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



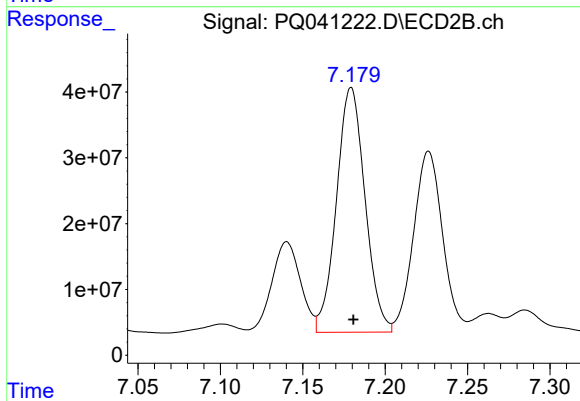
#25 AR-1248-5

R.T.: 7.226 min
Delta R.T.: -0.001 min
Response: 336407504
Conc: 1007.74 ng/ml



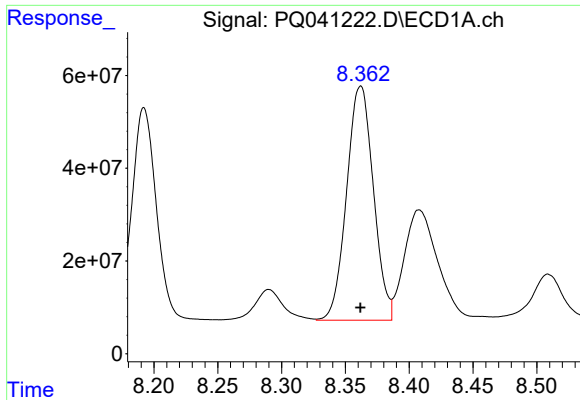
#26 AR-1254-1

R.T.: 8.121 min
Delta R.T.: -0.003 min
Response: 492439162
Conc: 954.84 ng/ml



#26 AR-1254-1

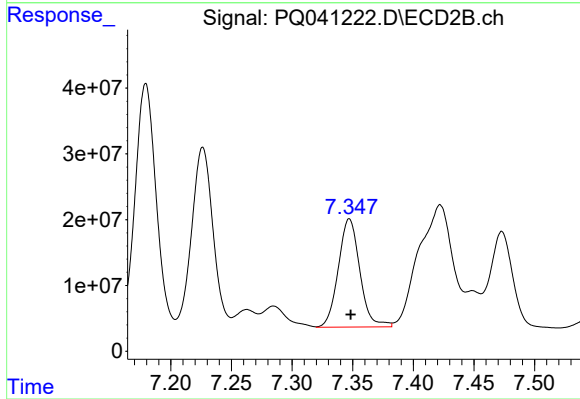
R.T.: 7.179 min
Delta R.T.: -0.001 min
Response: 449453275
Conc: 1243.26 ng/ml



#27 AR-1254-2

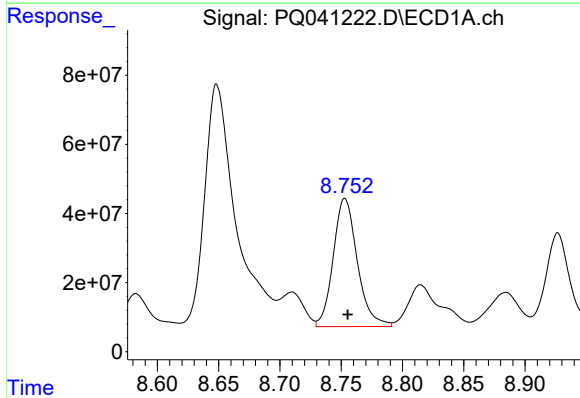
R.T.: 8.362 min
Delta R.T.: 0.000 min
Response: 737736077
Conc: 1143.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



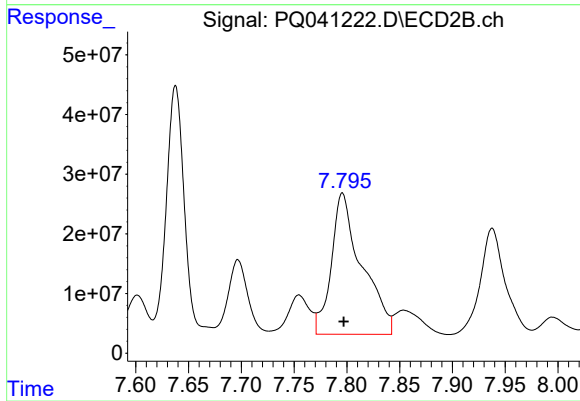
#27 AR-1254-2

R.T.: 7.347 min
Delta R.T.: -0.001 min
Response: 203372601
Conc: 665.52 ng/ml



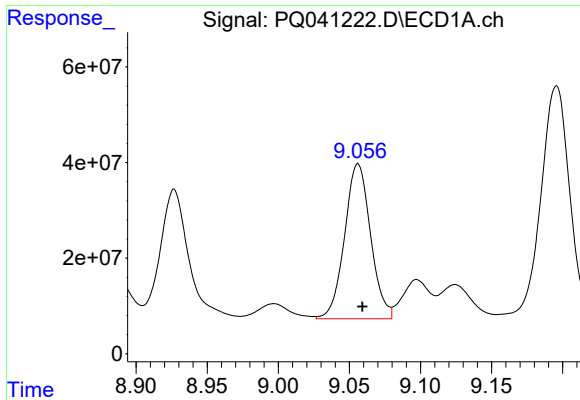
#28 AR-1254-3

R.T.: 8.753 min
Delta R.T.: -0.002 min
Response: 507664200
Conc: 693.97 ng/ml



#28 AR-1254-3

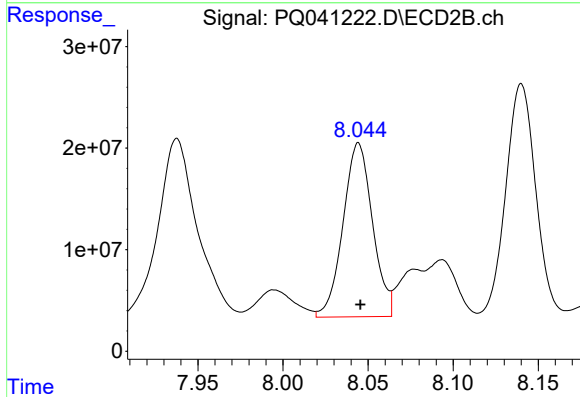
R.T.: 7.796 min
Delta R.T.: -0.001 min
Response: 475850978
Conc: 959.76 ng/ml



#29 AR-1254-4

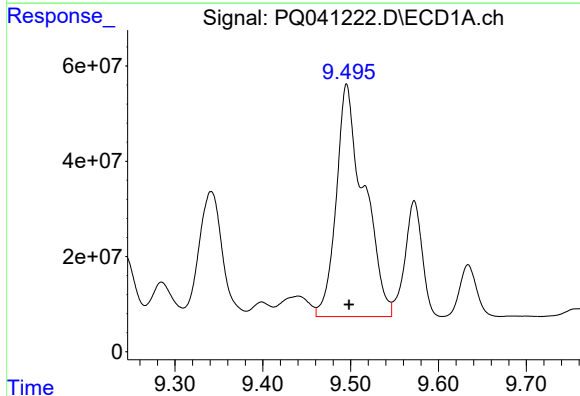
R.T.: 9.056 min
Delta R.T.: -0.003 min
Response: 413529210
Conc: 653.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



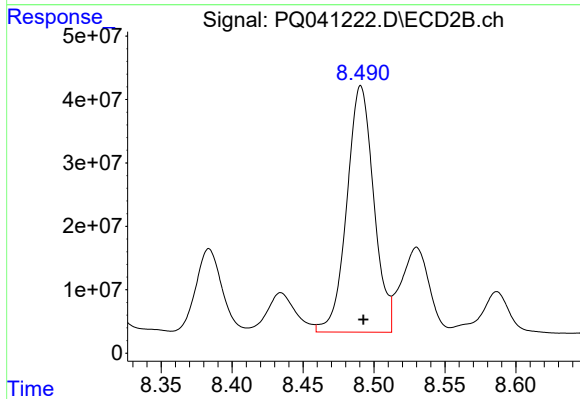
#29 AR-1254-4

R.T.: 8.044 min
Delta R.T.: -0.001 min
Response: 206232732
Conc: 605.14 ng/ml



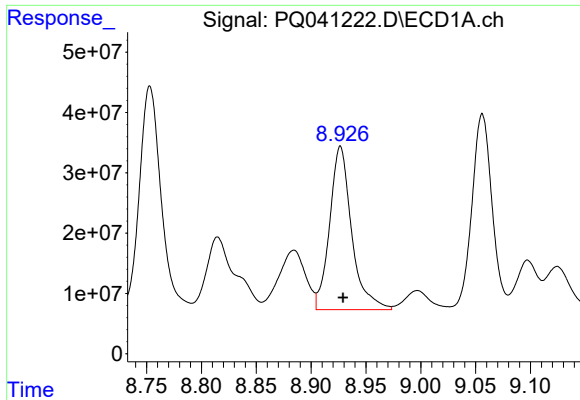
#30 AR-1254-5

R.T.: 9.495 min
Delta R.T.: -0.003 min
Response: 1070966420
Conc: 1854.44 ng/ml



#30 AR-1254-5

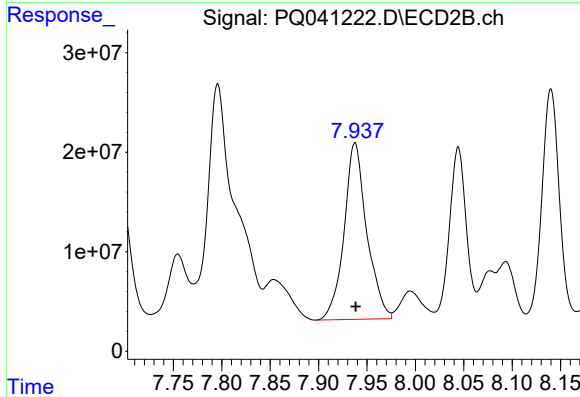
R.T.: 8.491 min
Delta R.T.: -0.002 min
Response: 513258364
Conc: 1223.71 ng/ml



#31 AR-1260-1

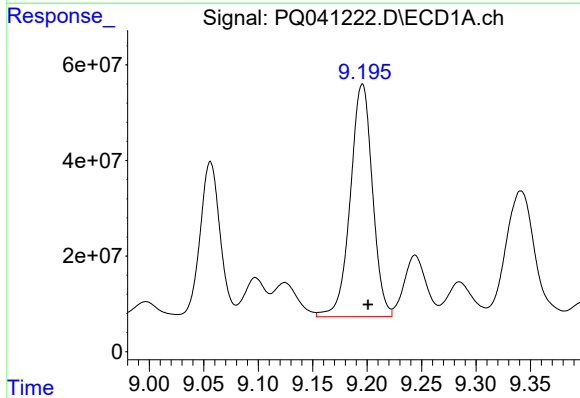
R.T.: 8.927 min
Delta R.T.: -0.002 min
Response: 379254398
Conc: 717.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



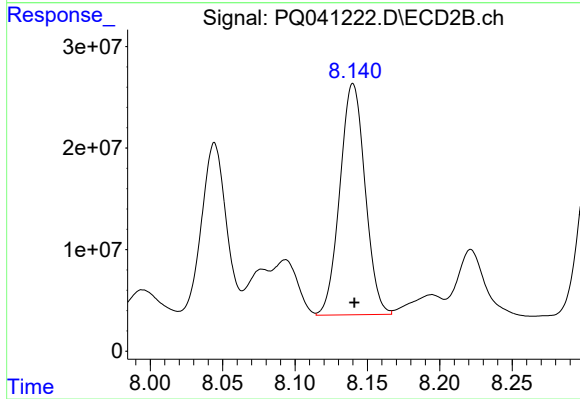
#31 AR-1260-1

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 289618655
Conc: 852.37 ng/ml



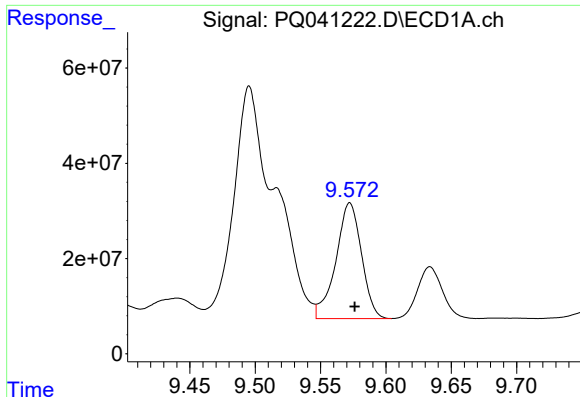
#32 AR-1260-2

R.T.: 9.196 min
Delta R.T.: -0.005 min
Response: 688353962
Conc: 918.38 ng/ml



#32 AR-1260-2

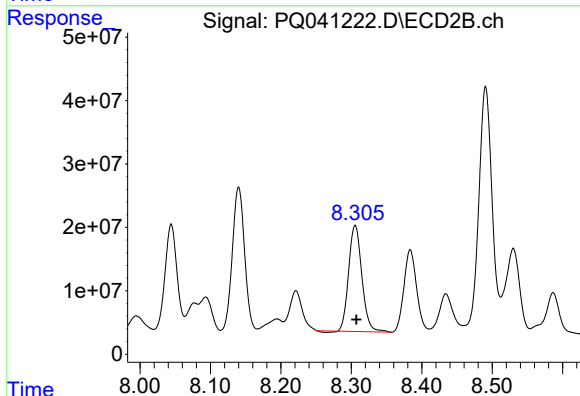
R.T.: 8.140 min
Delta R.T.: 0.000 min
Response: 275947450
Conc: 620.52 ng/ml



#33 AR-1260-3

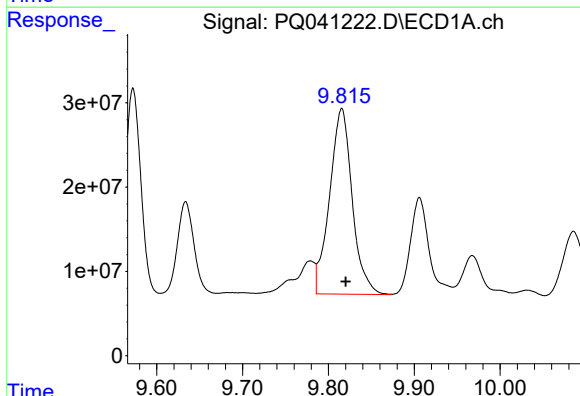
R.T.: 9.572 min
Delta R.T.: -0.004 min
Response: 332038550
Conc: 517.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



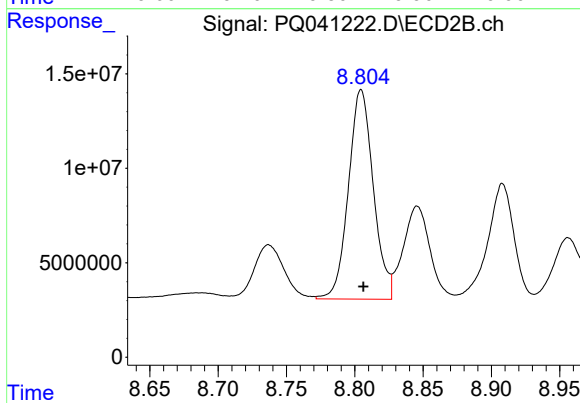
#33 AR-1260-3

R.T.: 8.306 min
Delta R.T.: -0.002 min
Response: 217136047
Conc: 582.25 ng/ml



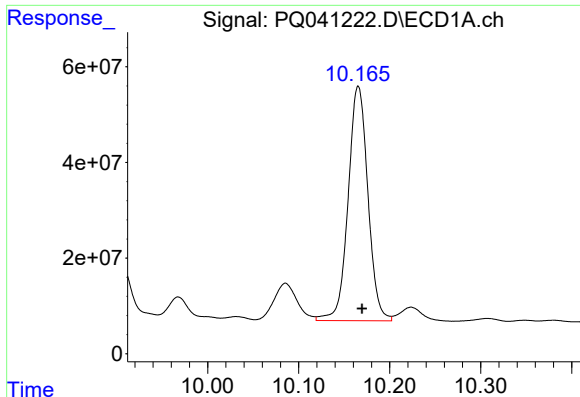
#34 AR-1260-4

R.T.: 9.816 min
Delta R.T.: -0.005 min
Response: 403739791
Conc: 665.44 ng/ml



#34 AR-1260-4

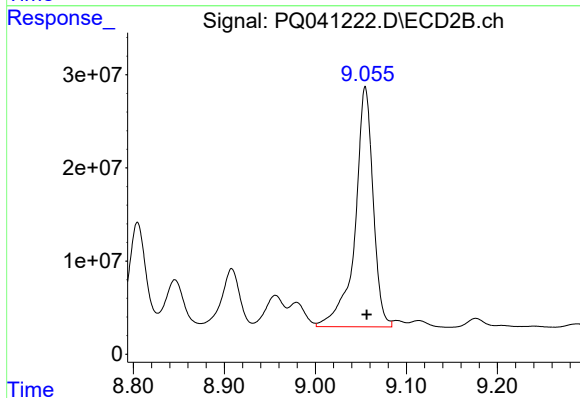
R.T.: 8.805 min
Delta R.T.: -0.002 min
Response: 140709072
Conc: 467.89 ng/ml



#35 AR-1260-5

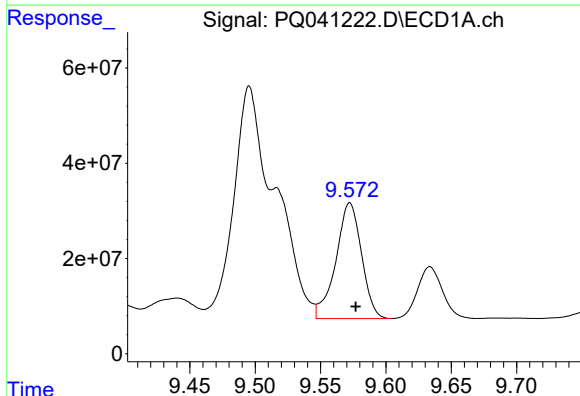
R.T.: 10.166 min
Delta R.T.: -0.004 min
Response: 741541652
Conc: 519.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



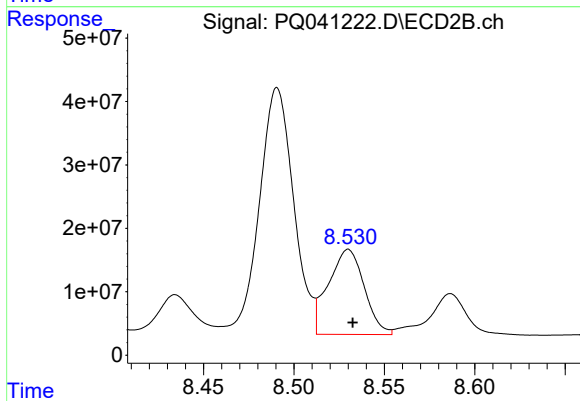
#35 AR-1260-5

R.T.: 9.055 min
Delta R.T.: -0.002 min
Response: 354693446
Conc: 478.98 ng/ml



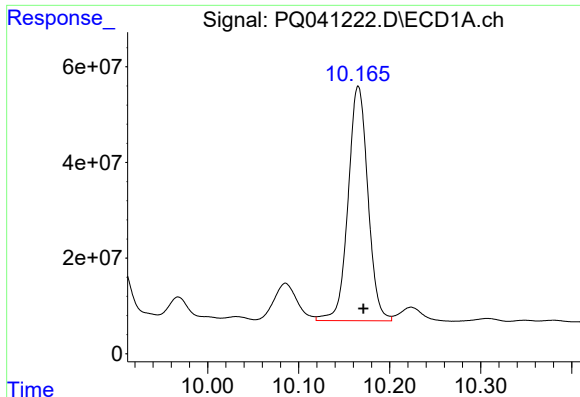
#36 AR-1262-1

R.T.: 9.572 min
Delta R.T.: -0.005 min
Response: 332038550
Conc: 330.41 ng/ml



#36 AR-1262-1

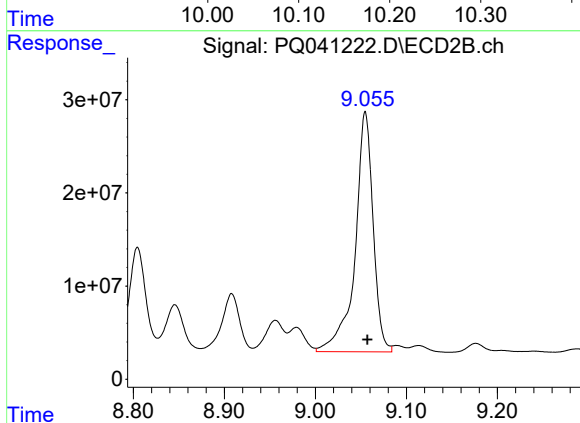
R.T.: 8.530 min
Delta R.T.: -0.002 min
Response: 185395380
Conc: 341.15 ng/ml



#37 AR-1262-2

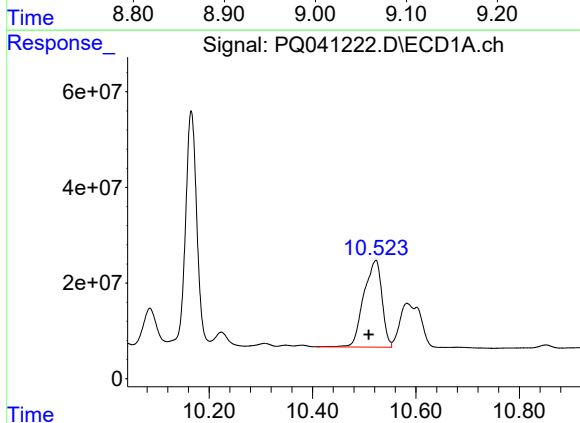
R.T.: 10.166 min
Delta R.T.: -0.006 min
Response: 741541652
Conc: 415.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



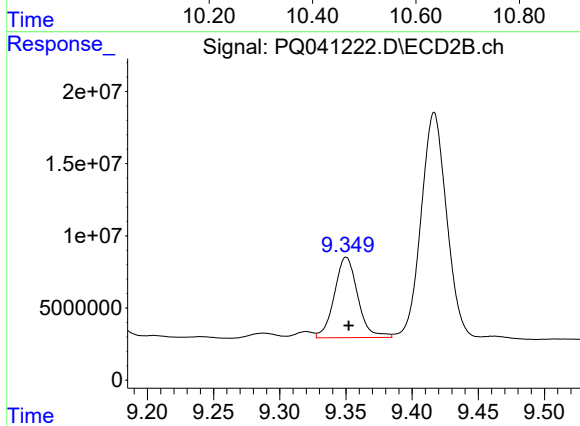
#37 AR-1262-2

R.T.: 9.055 min
Delta R.T.: -0.002 min
Response: 354693446
Conc: 401.73 ng/ml



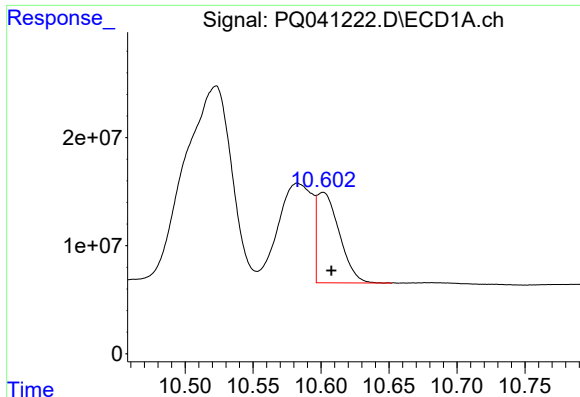
#38 AR-1262-3

R.T.: 10.523 min
Delta R.T.: 0.014 min
Response: 442116062
Conc: 379.98 ng/ml



#38 AR-1262-3

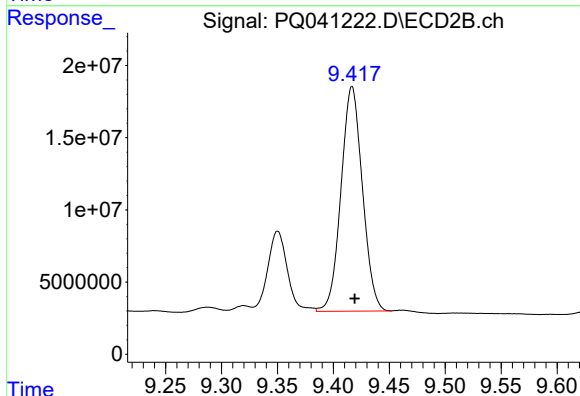
R.T.: 9.350 min
Delta R.T.: -0.002 min
Response: 68647646
Conc: 196.90 ng/ml



#39 AR-1262-4

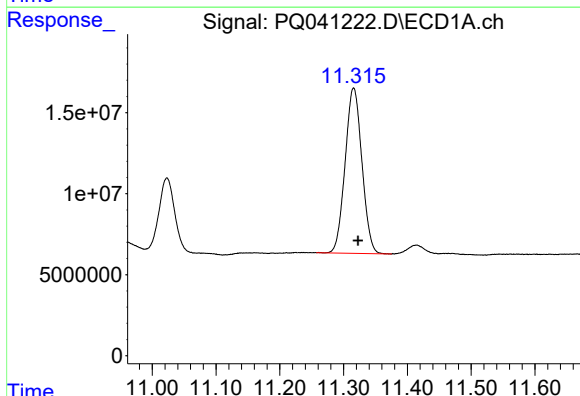
R.T.: 10.601 min
Delta R.T.: -0.006 min
Response: 95752411
Conc: 105.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



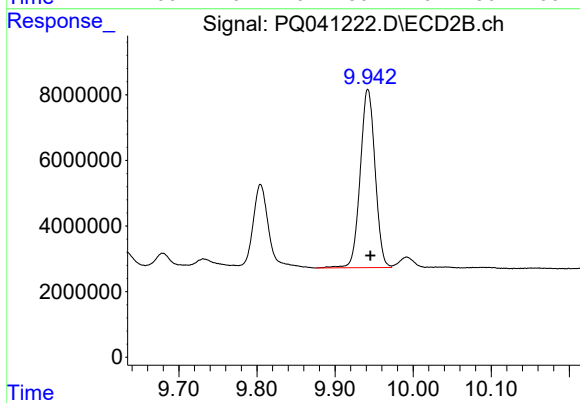
#39 AR-1262-4

R.T.: 9.417 min
Delta R.T.: -0.002 min
Response: 207441946
Conc: 338.30 ng/ml



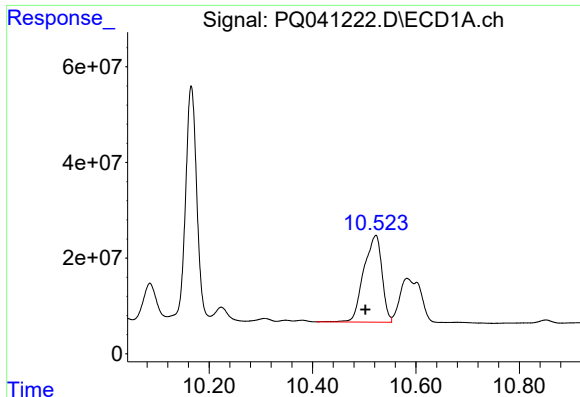
#40 AR-1262-5

R.T.: 11.316 min
Delta R.T.: -0.007 min
Response: 186434491
Conc: 293.57 ng/ml



#40 AR-1262-5

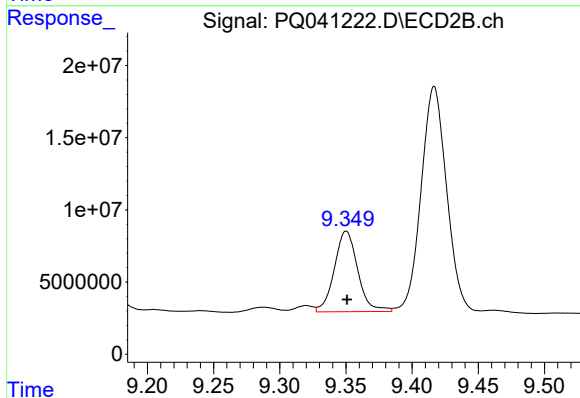
R.T.: 9.942 min
Delta R.T.: -0.003 min
Response: 71948218
Conc: 274.68 ng/ml



#41 AR-1268-1

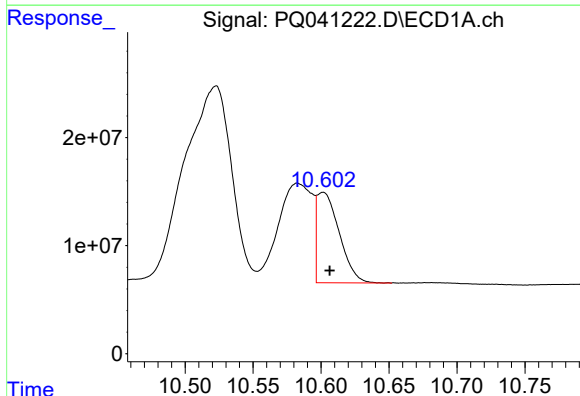
R.T.: 10.523 min
Delta R.T.: 0.020 min
Response: 442116062
Conc: 216.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



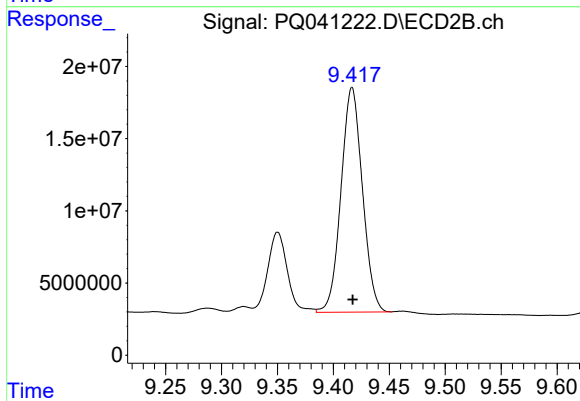
#41 AR-1268-1

R.T.: 9.350 min
Delta R.T.: 0.000 min
Response: 68647646
Conc: 75.45 ng/ml



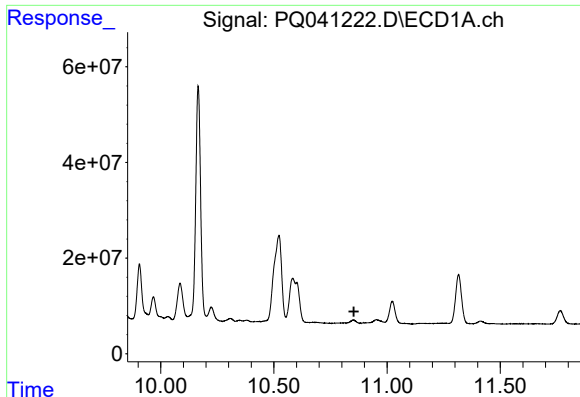
#42 AR-1268-2

R.T.: 10.601 min
Delta R.T.: -0.005 min
Response: 95752411
Conc: 52.13 ng/ml



#42 AR-1268-2

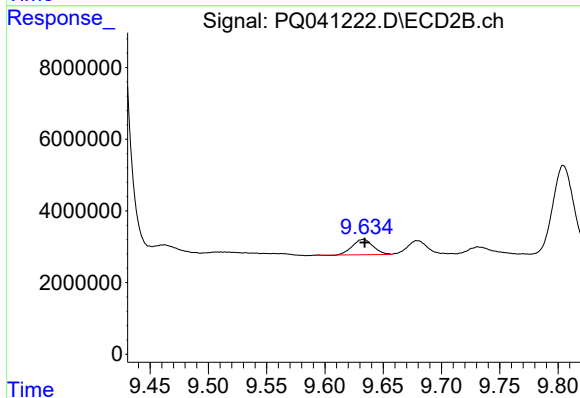
R.T.: 9.417 min
Delta R.T.: 0.000 min
Response: 207441946
Conc: 256.71 ng/ml



#43 AR-1268-3

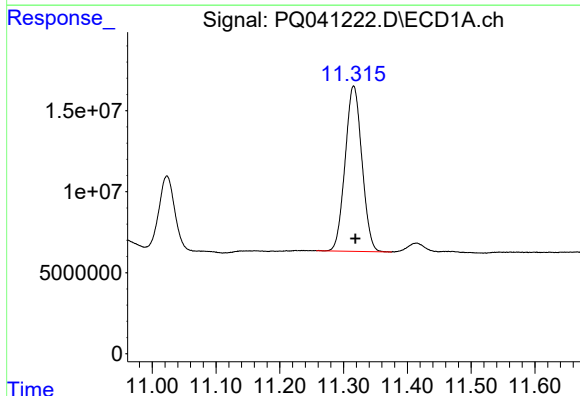
R.T.: 0.000 min
Exp R.T.: 10.853 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



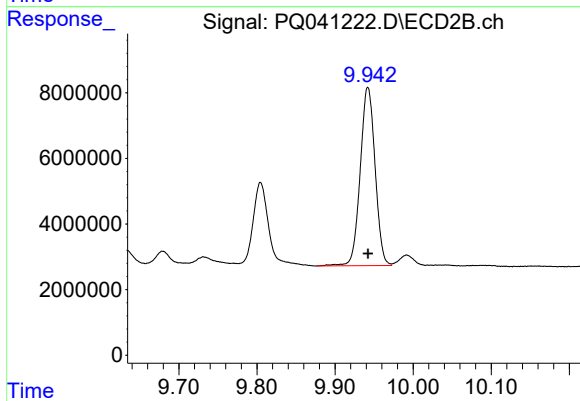
#43 AR-1268-3

R.T.: 9.633 min
Delta R.T.: 0.000 min
Response: 5353005
Conc: 8.20 ng/ml



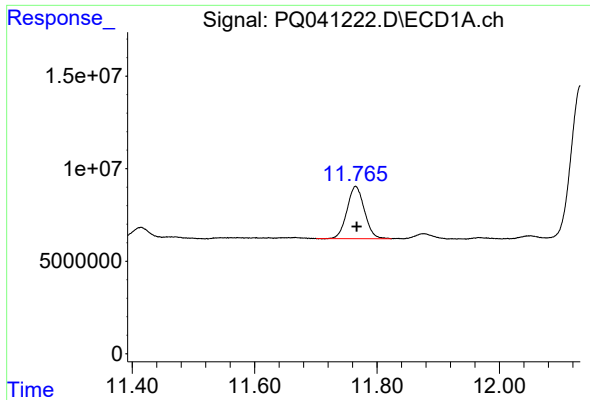
#44 AR-1268-4

R.T.: 11.316 min
Delta R.T.: -0.003 min
Response: 186434491
Conc: 283.28 ng/ml



#44 AR-1268-4

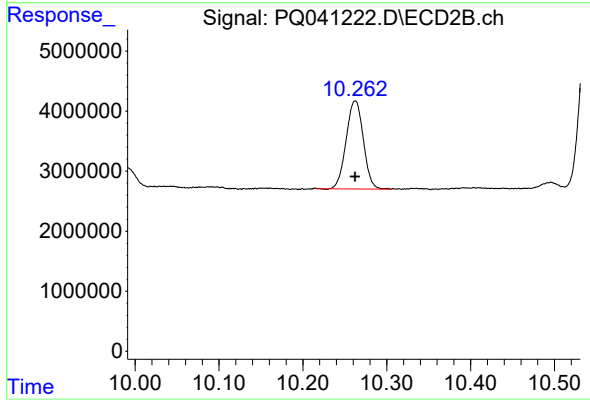
R.T.: 9.942 min
Delta R.T.: 0.000 min
Response: 71948218
Conc: 261.20 ng/ml



#45 AR-1268-5

R.T.: 11.765 min
Delta R.T.: -0.002 min
Response: 55596493
Conc: 11.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S12-01-B



#45 AR-1268-5

R.T.: 10.263 min
Delta R.T.: 0.000 min
Response: 20851199
Conc: 11.78 ng/ml