

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
 Data File : PQ041846.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2019 00:53
 Operator : SM\AJ
 Sample : K4015-14
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 04:22:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 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						
Target Compounds						
3) L1 AR-1016-1	7.143	6.208	30509421	29601132	282.275	285.259
4) L1 AR-1016-2	7.168	6.230	44531127	41511499	284.494	289.745
5) L1 AR-1016-3	7.238	6.444	27037267	22172974	279.518	297.336
6) L1 AR-1016-4	7.352	6.499	22259874	18028991	285.331	290.742
7) L1 AR-1016-5	7.685	6.751	17302567	23952921	220.106	294.250 #
8) L2 AR-1221-1	0.000	5.061	0	1749921	N.D.	84.983 #
9) L2 AR-1221-2	0.000	5.181	0	2359678	N.D.	147.760 #
10) L2 AR-1221-3	6.182	5.283	11752672	11550940	190.960	211.820
11) L3 AR-1232-1	6.182	5.283	11752672	11550940	217.175	239.211
12) L3 AR-1232-2	6.826	6.230	18624994	41511499	566.855	727.917 #
13) L3 AR-1232-3	7.168	6.444	44531127	22172974	666.999	743.573
14) L3 AR-1232-4	7.352	6.548	22259874	22373286	693.959	838.055
15) L3 AR-1232-5	7.457	6.751	17423290	23952921	810.752	816.777
16) L4 AR-1242-1	7.143	6.208	30509421	29601132	341.081	361.696
17) L4 AR-1242-2	7.168	6.230	44531127	41511499	346.299	367.561
18) L4 AR-1242-3	7.238	6.444	27037267	22172974	333.438	375.351
19) L4 AR-1242-4	7.352	6.548	22259874	22373286	346.254	377.307
20) L4 AR-1242-5	0.000	7.160	0	20993177	N.D.	236.425 #
21) L5 AR-1248-1	7.143	6.208	30509421	29601132	411.533	446.446
22) L5 AR-1248-2	7.457	6.499	17423290	18028991	188.843	206.784
23) L5 AR-1248-3	7.685	6.548	17302567	22373286	154.430	250.665 #
24) L5 AR-1248-4	8.103	6.751	13911803	23952921	88.974	217.474 #
25) L5 AR-1248-5	0.000	7.206	0	3558663	N.D.	27.764 #
26) L6 AR-1254-1	8.103	7.160	13911803	20993177	100.002	114.789
27) L6 AR-1254-2	8.340	7.327	21846603	21445474	95.449	132.485 #
28) L6 AR-1254-3	8.734	7.792	13326462	40902502	48.739	141.822 #
29) L6 AR-1254-4	9.104	8.024	11378810	5155614	46.222	23.751 #
30) L6 AR-1254-5	9.474	8.470	97114961	92966604	358.562	309.097
31) L7 AR-1260-1	8.907	7.917	54986533	59784609	309.112	329.519
32) L7 AR-1260-2	9.177	8.120	76133590	79797306	301.788	325.258
33) L7 AR-1260-3	9.552	8.284	55780325	70158739	243.440	329.728 #
34) L7 AR-1260-4	9.796	8.783	65072968	55065319	254.846	272.211
35) L7 AR-1260-5	10.144	9.034	152.6E6	152.0E6	226.577	257.563
36) L8 AR-1262-1	9.613	8.565	29129671	31180028	189.529	217.336
37) L8 AR-1262-2	10.144	9.034	152.6E6	152.0E6	174.340	205.131
38) L8 AR-1262-3	10.498	9.328	101.1E6	30950193	159.193	97.829 #
39) L8 AR-1262-4	10.558	9.394	59630606	106.9E6	119.093	190.150 #
40) L8 AR-1262-5	11.288	9.919	45508861	35132384	111.785	123.010
41) L9 AR-1268-1	10.498	9.328	101.1E6	30950193	70.962	27.074 #
42) L9 AR-1268-2	10.558	9.394	59630606	106.9E6	45.211	104.168 #
43) L9 AR-1268-3	0.000	9.610	0	2417651	N.D.	2.782 #

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 Acq On : 31 Jul 2019 00:53
 Operator : SM\AJ
 Sample : K4015-14
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

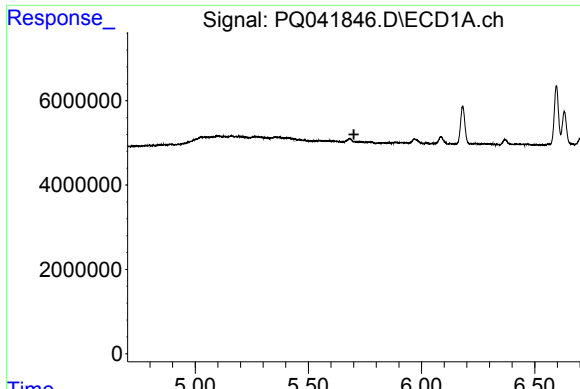
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 04:22:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.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	11.288	9.919	45508861	35132384	83.592	91.331
45) L9	AR-1268-5	0.000	10.234	0	10147345	N.D.	3.907 #

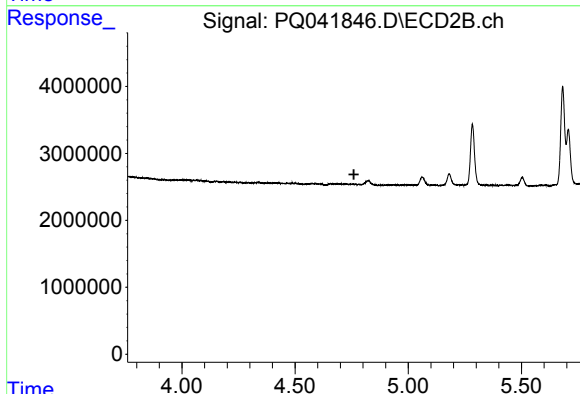
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

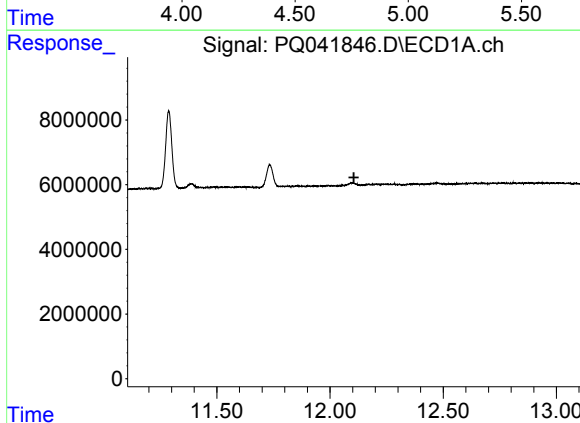
R.T.: 0.000 min
Exp R.T. : 5.701 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



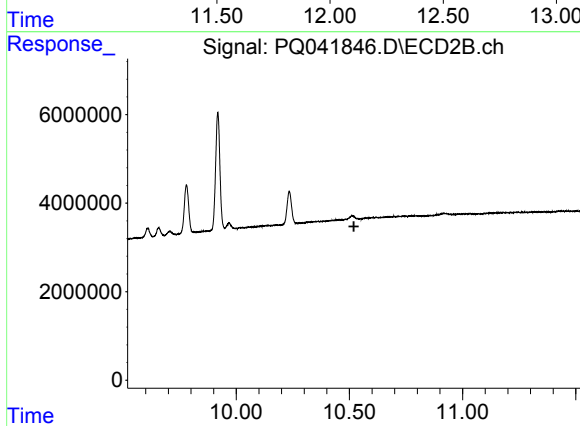
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 4.760 min
Response: 0
Conc: N.D.



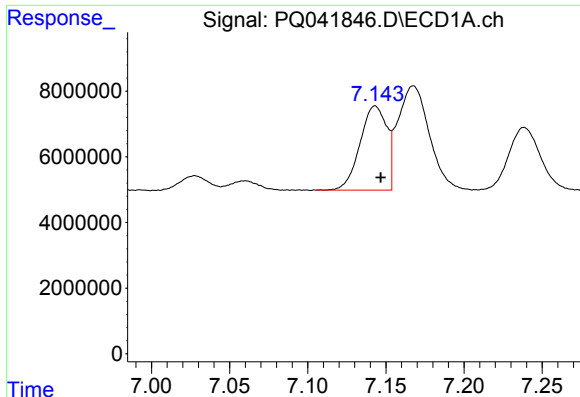
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 12.106 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

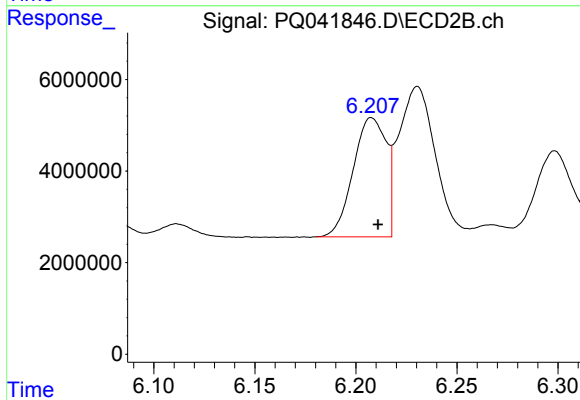
R.T.: 0.000 min
Exp R.T. : 10.520 min
Response: 0
Conc: N.D.



#3 AR-1016-1

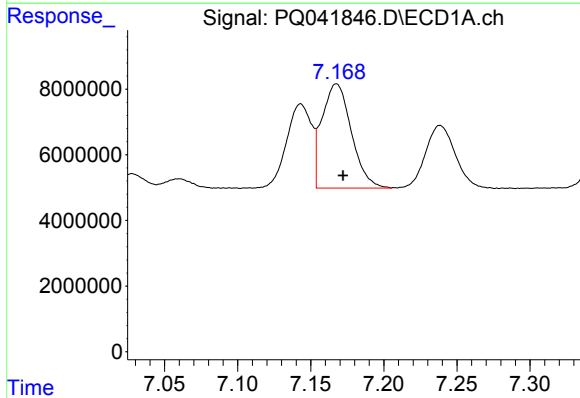
R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 30509421
Conc: 282.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



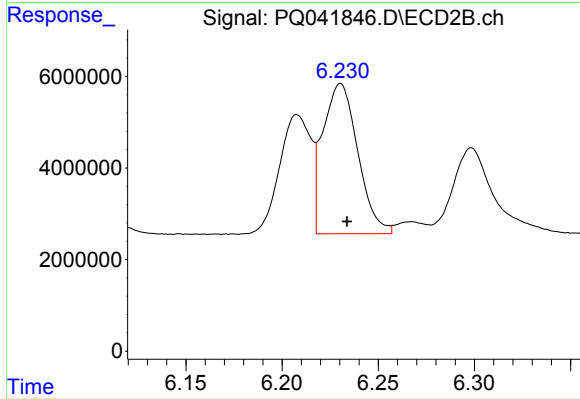
#3 AR-1016-1

R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 29601132
Conc: 285.26 ng/ml



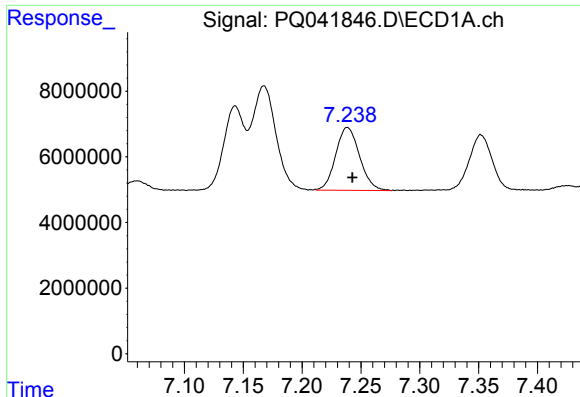
#4 AR-1016-2

R.T.: 7.168 min
Delta R.T.: -0.004 min
Response: 44531127
Conc: 284.49 ng/ml



#4 AR-1016-2

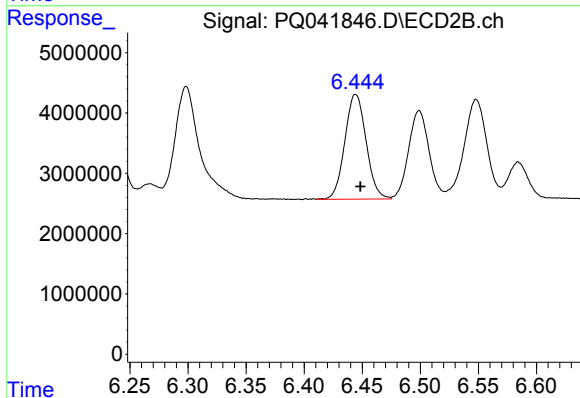
R.T.: 6.230 min
Delta R.T.: -0.003 min
Response: 41511499
Conc: 289.74 ng/ml



#5 AR-1016-3

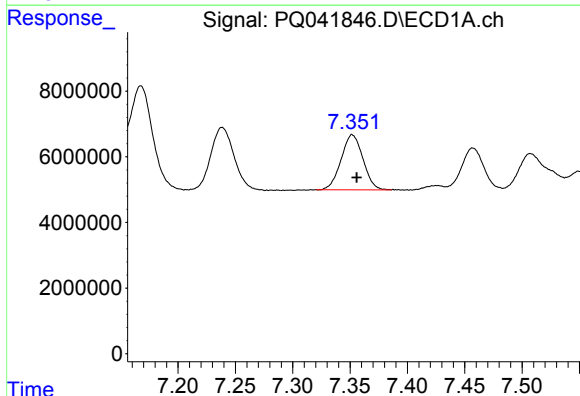
R.T.: 7.238 min
Delta R.T.: -0.004 min
Response: 27037267
Conc: 279.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



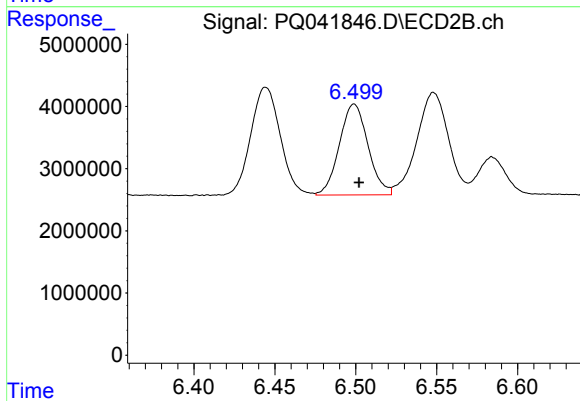
#5 AR-1016-3

R.T.: 6.444 min
Delta R.T.: -0.004 min
Response: 22172974
Conc: 297.34 ng/ml



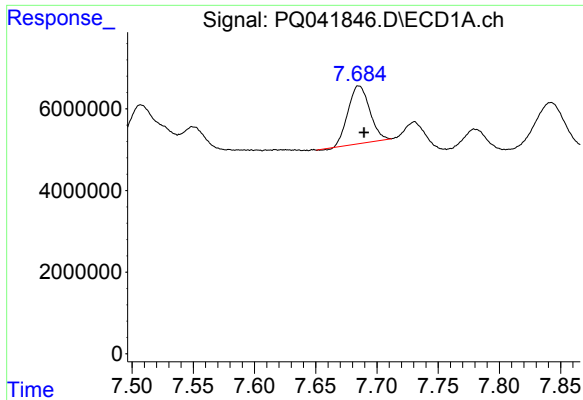
#6 AR-1016-4

R.T.: 7.352 min
Delta R.T.: -0.004 min
Response: 22259874
Conc: 285.33 ng/ml



#6 AR-1016-4

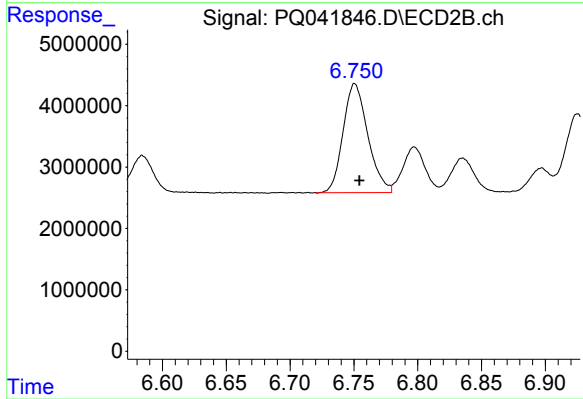
R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 18028991
Conc: 290.74 ng/ml



#7 AR-1016-5

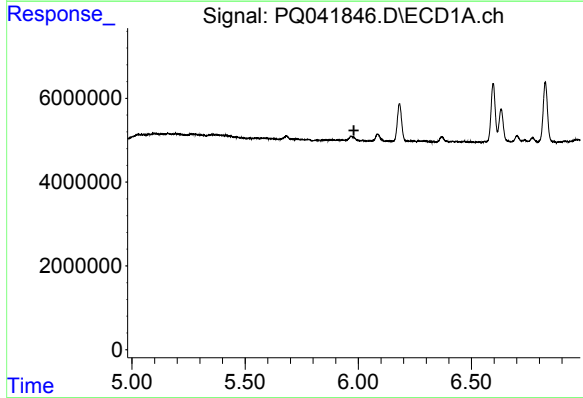
R.T.: 7.685 min
Delta R.T.: -0.004 min
Response: 17302567
Conc: 220.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



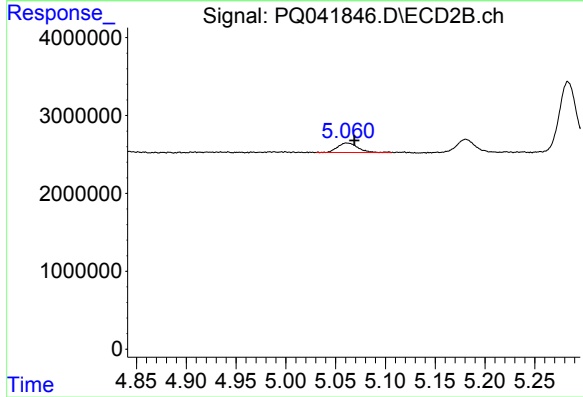
#7 AR-1016-5

R.T.: 6.751 min
Delta R.T.: -0.004 min
Response: 23952921
Conc: 294.25 ng/ml



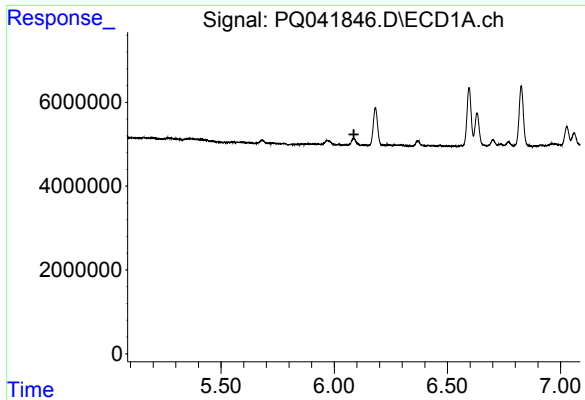
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.980 min
Response: 0
Conc: N.D.



#8 AR-1221-1

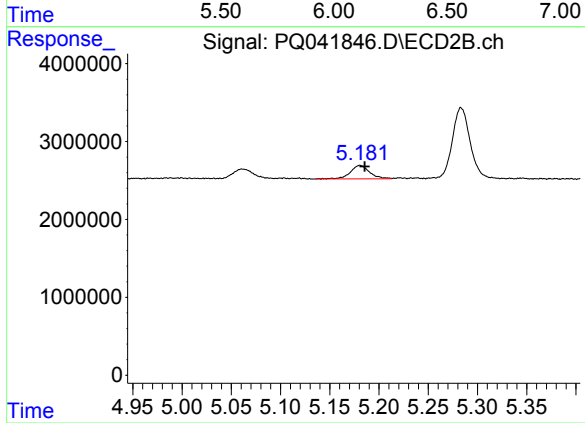
R.T.: 5.061 min
Delta R.T.: -0.008 min
Response: 1749921
Conc: 84.98 ng/ml



#9 AR-1221-2

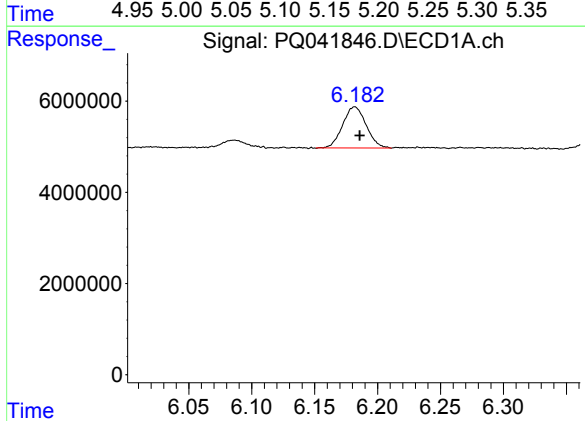
R.T.: 0.000 min
Exp R.T.: 6.087 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



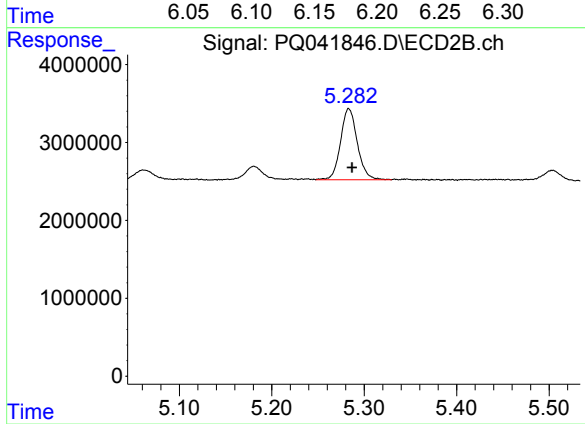
#9 AR-1221-2

R.T.: 5.181 min
Delta R.T.: -0.005 min
Response: 2359678
Conc: 147.76 ng/ml



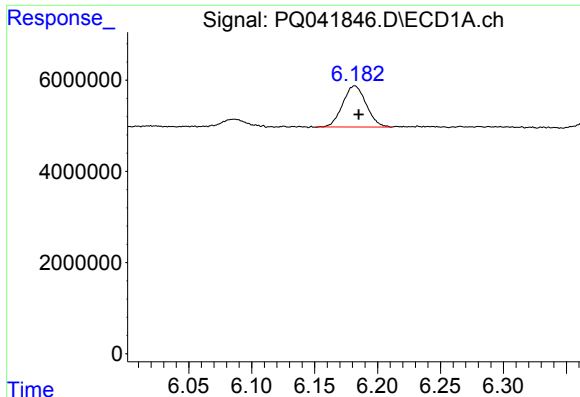
#10 AR-1221-3

R.T.: 6.182 min
Delta R.T.: -0.004 min
Response: 11752672
Conc: 190.96 ng/ml



#10 AR-1221-3

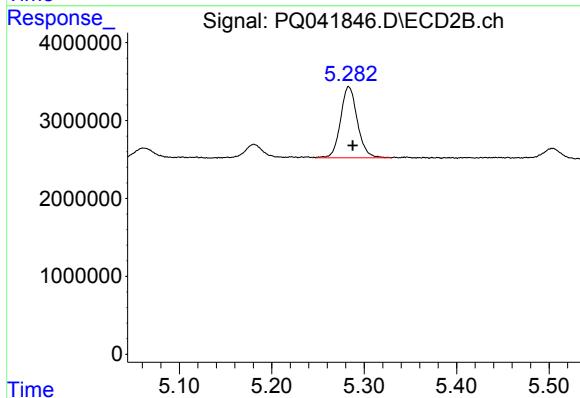
R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 11550940
Conc: 211.82 ng/ml



#11 AR-1232-1

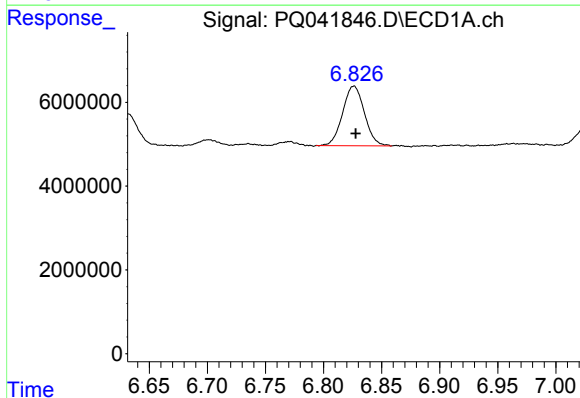
R.T.: 6.182 min
Delta R.T.: -0.003 min
Response: 11752672
Conc: 217.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



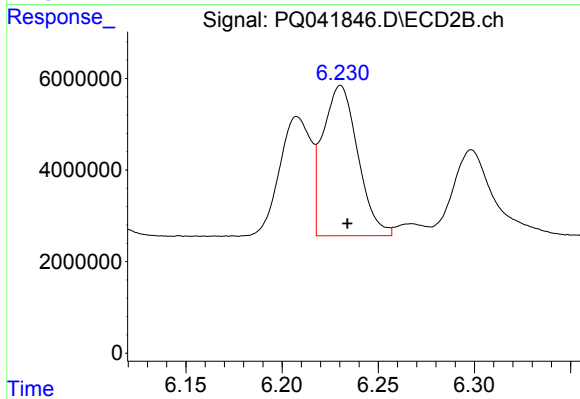
#11 AR-1232-1

R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 11550940
Conc: 239.21 ng/ml



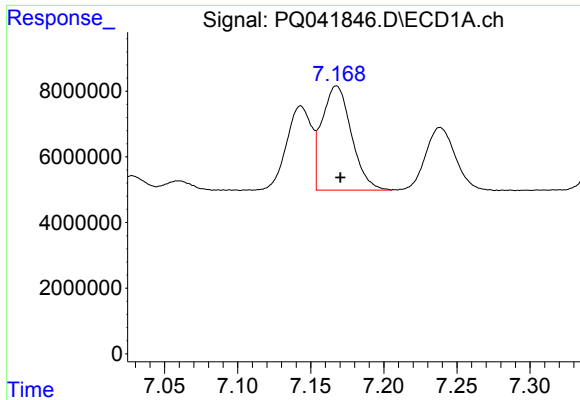
#12 AR-1232-2

R.T.: 6.826 min
Delta R.T.: -0.001 min
Response: 18624994
Conc: 566.86 ng/ml



#12 AR-1232-2

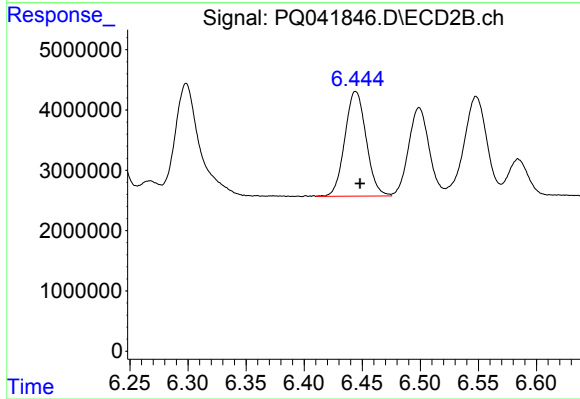
R.T.: 6.230 min
Delta R.T.: -0.004 min
Response: 41511499
Conc: 727.92 ng/ml



#13 AR-1232-3

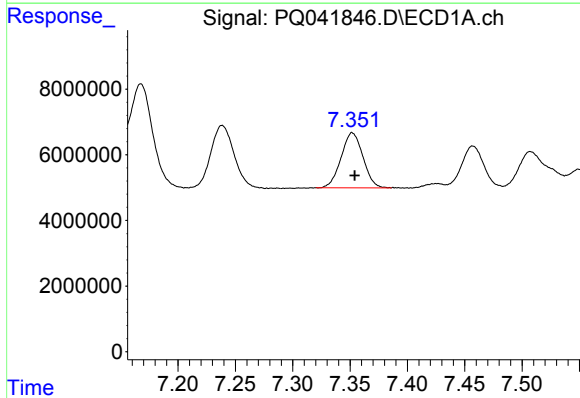
R.T.: 7.168 min
Delta R.T.: -0.003 min
Response: 44531127
Conc: 667.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



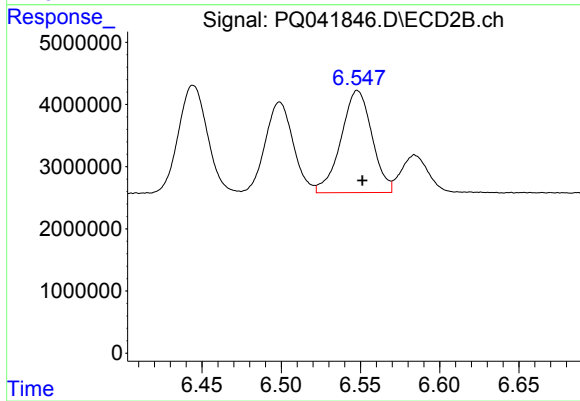
#13 AR-1232-3

R.T.: 6.444 min
Delta R.T.: -0.004 min
Response: 22172974
Conc: 743.57 ng/ml



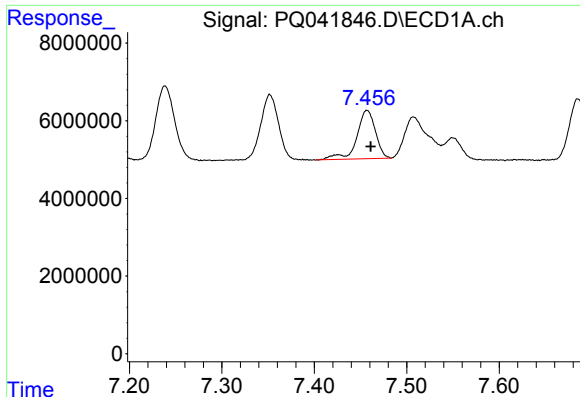
#14 AR-1232-4

R.T.: 7.352 min
Delta R.T.: -0.002 min
Response: 22259874
Conc: 693.96 ng/ml



#14 AR-1232-4

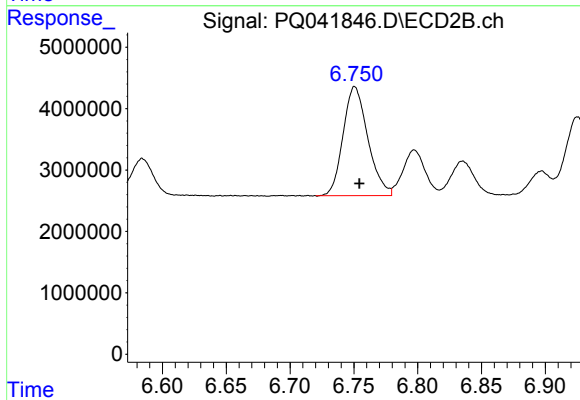
R.T.: 6.548 min
Delta R.T.: -0.003 min
Response: 22373286
Conc: 838.05 ng/ml



#15 AR-1232-5

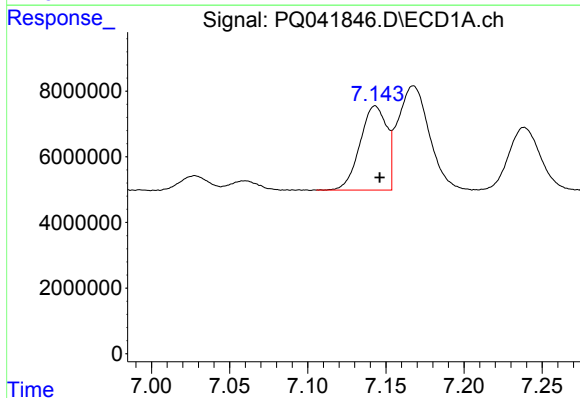
R.T.: 7.457 min
Delta R.T.: -0.004 min
Response: 17423290
Conc: 810.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



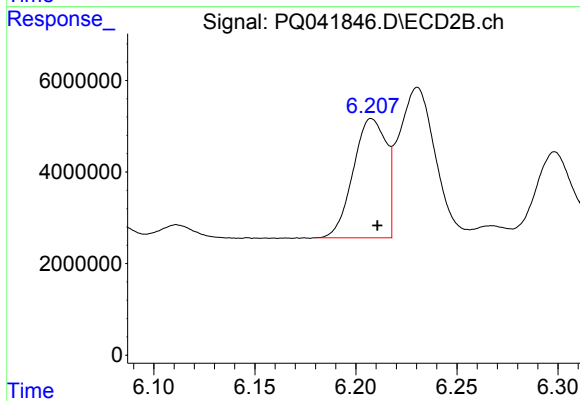
#15 AR-1232-5

R.T.: 6.751 min
Delta R.T.: -0.004 min
Response: 23952921
Conc: 816.78 ng/ml



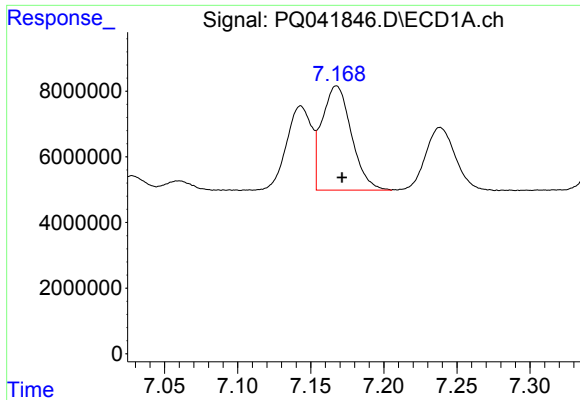
#16 AR-1242-1

R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 30509421
Conc: 341.08 ng/ml



#16 AR-1242-1

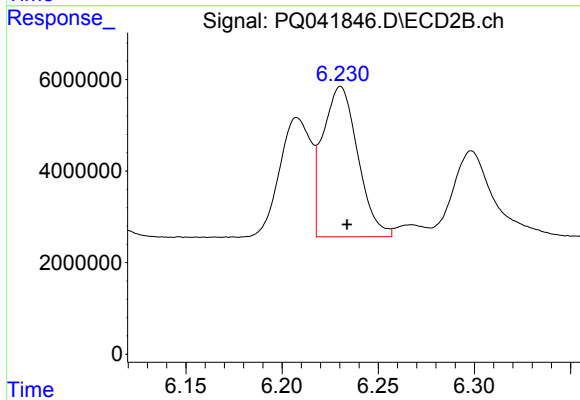
R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 29601132
Conc: 361.70 ng/ml



#17 AR-1242-2

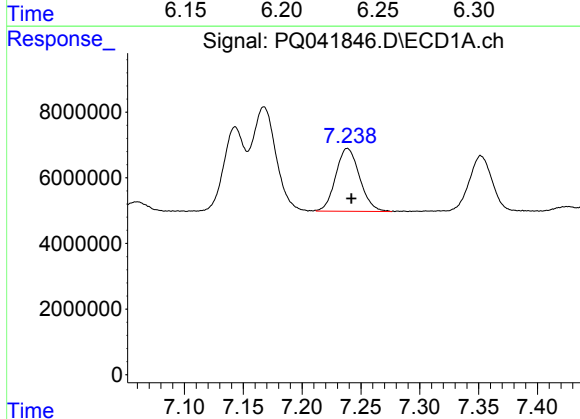
R.T.: 7.168 min
Delta R.T.: -0.004 min
Response: 44531127
Conc: 346.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



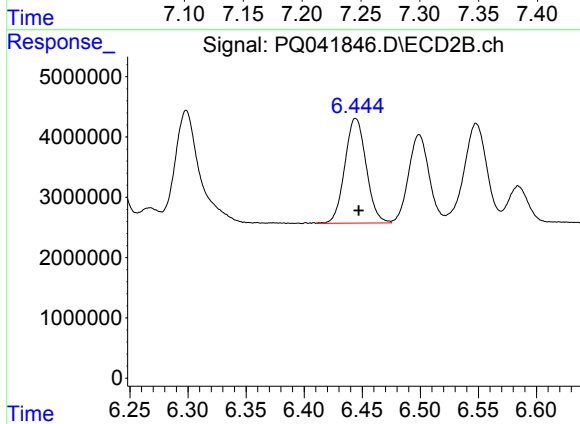
#17 AR-1242-2

R.T.: 6.230 min
Delta R.T.: -0.003 min
Response: 41511499
Conc: 367.56 ng/ml



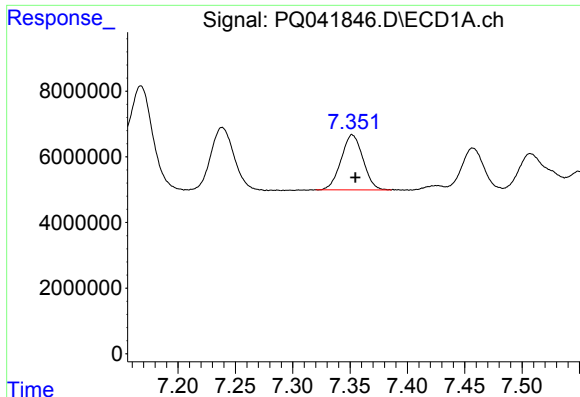
#18 AR-1242-3

R.T.: 7.238 min
Delta R.T.: -0.004 min
Response: 27037267
Conc: 333.44 ng/ml



#18 AR-1242-3

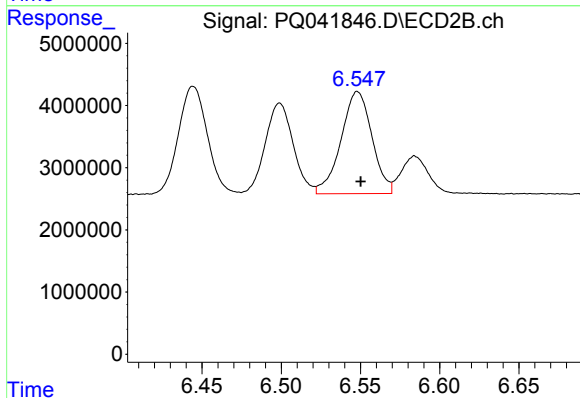
R.T.: 6.444 min
Delta R.T.: -0.003 min
Response: 22172974
Conc: 375.35 ng/ml



#19 AR-1242-4

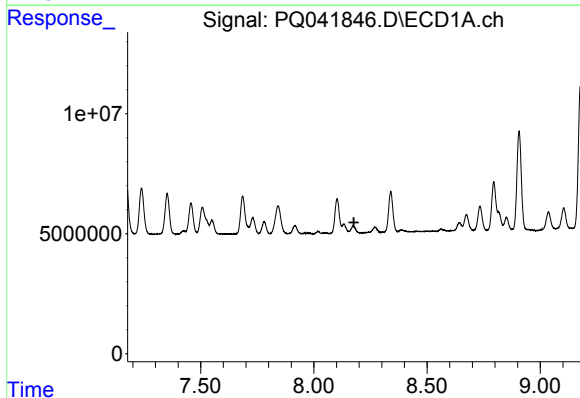
R.T.: 7.352 min
Delta R.T.: -0.003 min
Response: 22259874
Conc: 346.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



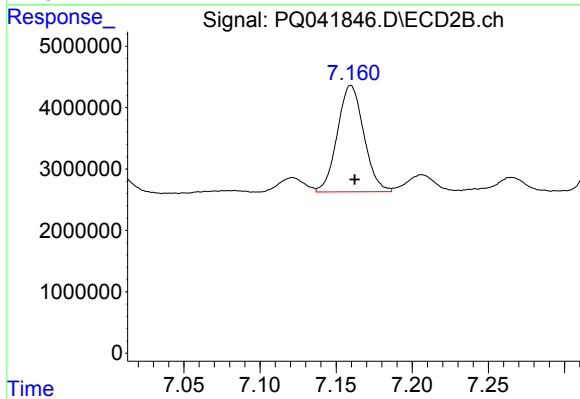
#19 AR-1242-4

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 22373286
Conc: 377.31 ng/ml



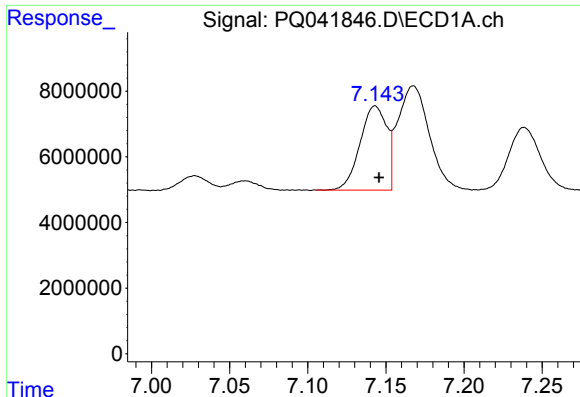
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 8.177 min
Response: 0
Conc: N.D.



#20 AR-1242-5

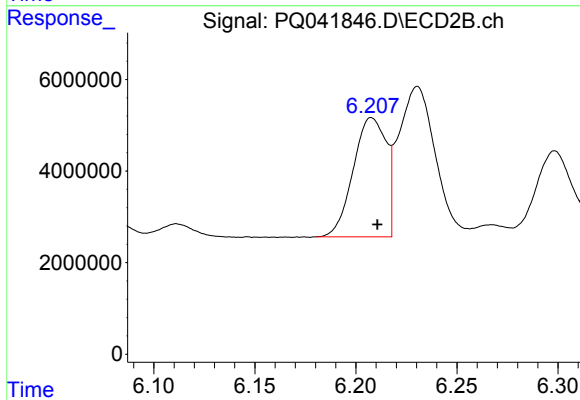
R.T.: 7.160 min
Delta R.T.: -0.003 min
Response: 20993177
Conc: 236.42 ng/ml



#21 AR-1248-1

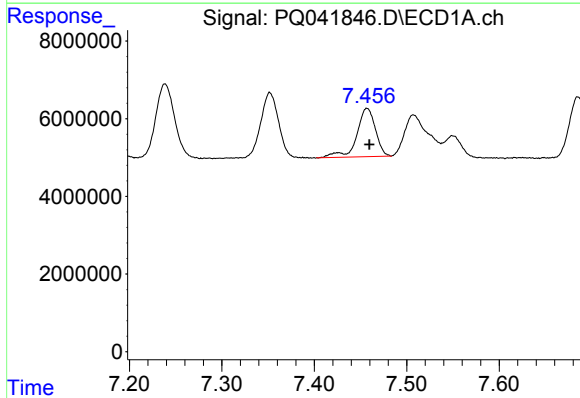
R.T.: 7.143 min
Delta R.T.: -0.002 min
Response: 30509421
Conc: 411.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



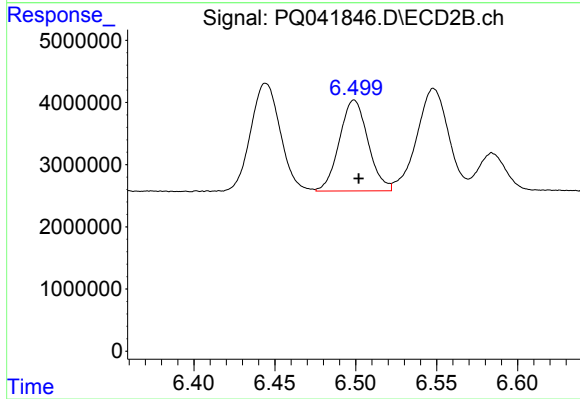
#21 AR-1248-1

R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 29601132
Conc: 446.45 ng/ml



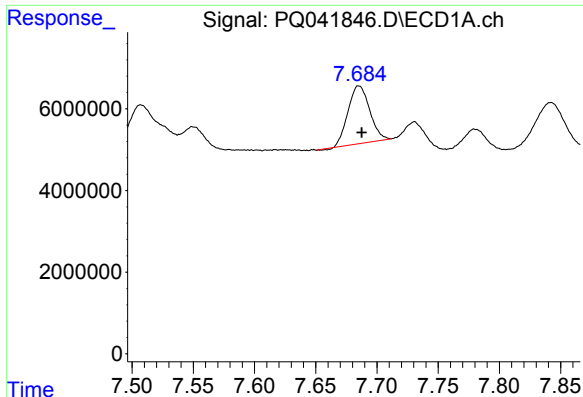
#22 AR-1248-2

R.T.: 7.457 min
Delta R.T.: -0.003 min
Response: 17423290
Conc: 188.84 ng/ml



#22 AR-1248-2

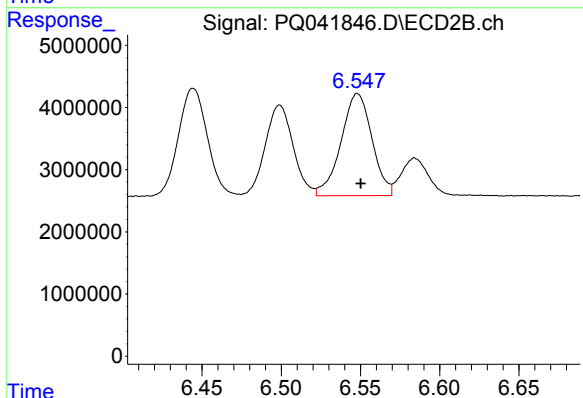
R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 18028991
Conc: 206.78 ng/ml



#23 AR-1248-3

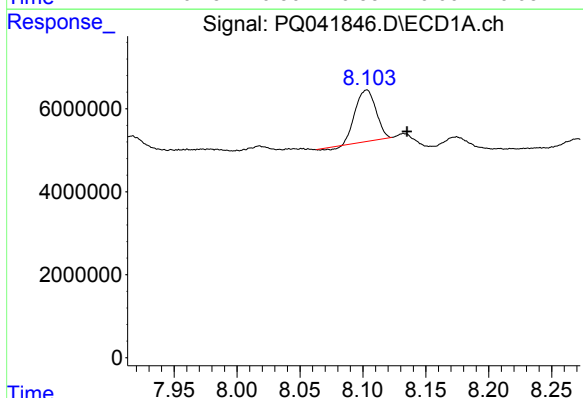
R.T.: 7.685 min
Delta R.T.: -0.002 min
Response: 17302567
Conc: 154.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



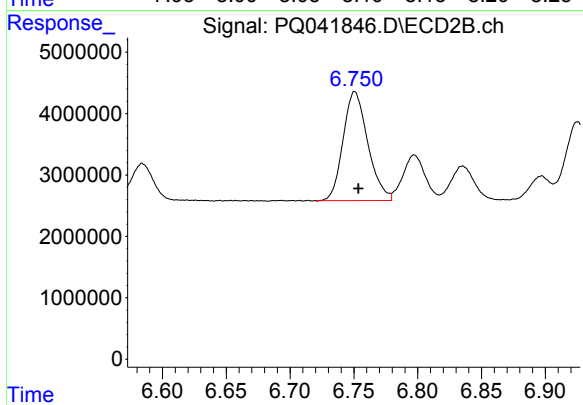
#23 AR-1248-3

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 22373286
Conc: 250.67 ng/ml



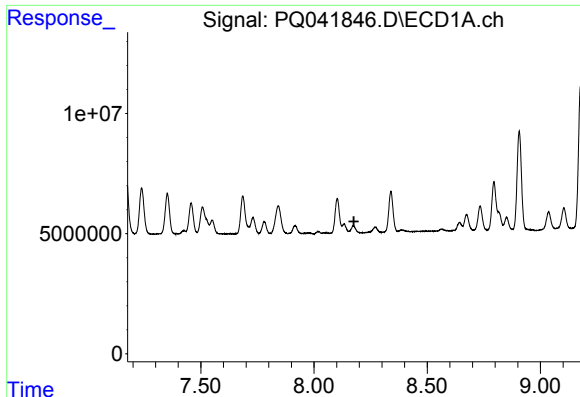
#24 AR-1248-4

R.T.: 8.103 min
Delta R.T.: -0.032 min
Response: 13911803
Conc: 88.97 ng/ml



#24 AR-1248-4

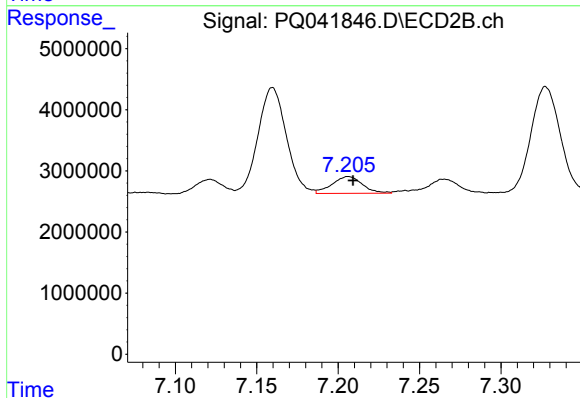
R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 23952921
Conc: 217.47 ng/ml



#25 AR-1248-5

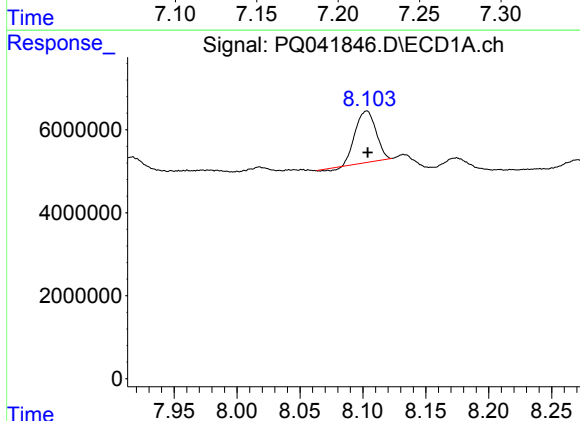
R.T.: 0.000 min
Exp R.T.: 8.176 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



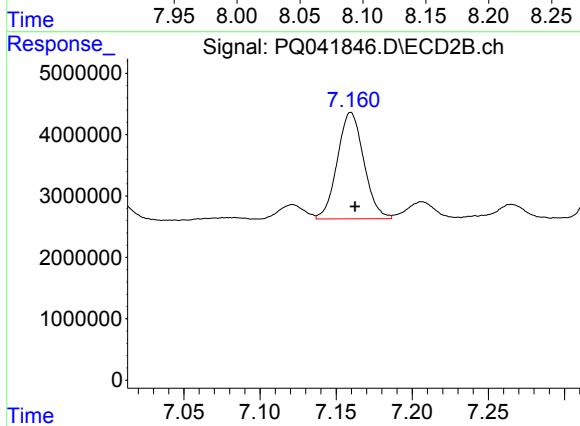
#25 AR-1248-5

R.T.: 7.206 min
Delta R.T.: -0.003 min
Response: 3558663
Conc: 27.76 ng/ml



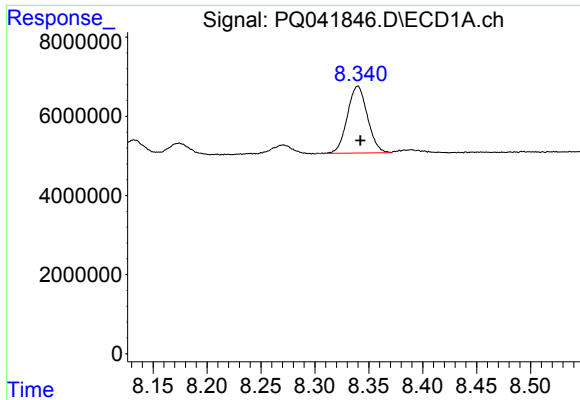
#26 AR-1254-1

R.T.: 8.103 min
Delta R.T.: 0.000 min
Response: 13911803
Conc: 100.00 ng/ml



#26 AR-1254-1

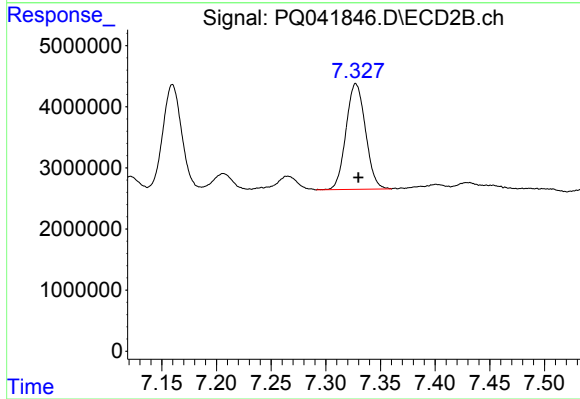
R.T.: 7.160 min
Delta R.T.: -0.003 min
Response: 20993177
Conc: 114.79 ng/ml



#27 AR-1254-2

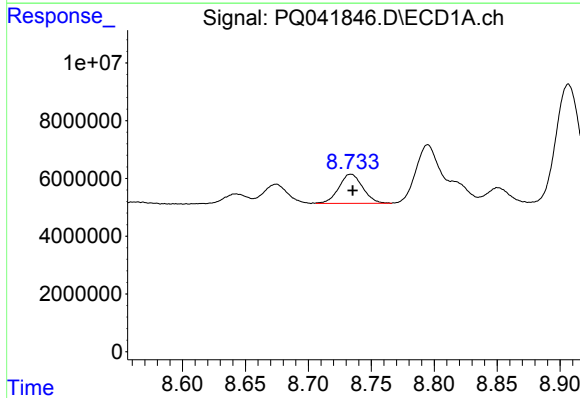
R.T.: 8.340 min
Delta R.T.: -0.002 min
Response: 21846603
Conc: 95.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



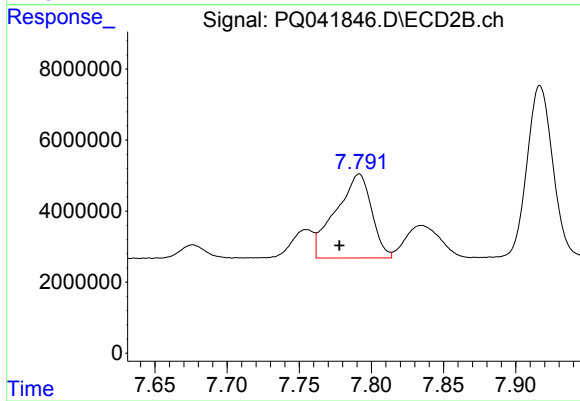
#27 AR-1254-2

R.T.: 7.327 min
Delta R.T.: -0.002 min
Response: 21445474
Conc: 132.48 ng/ml



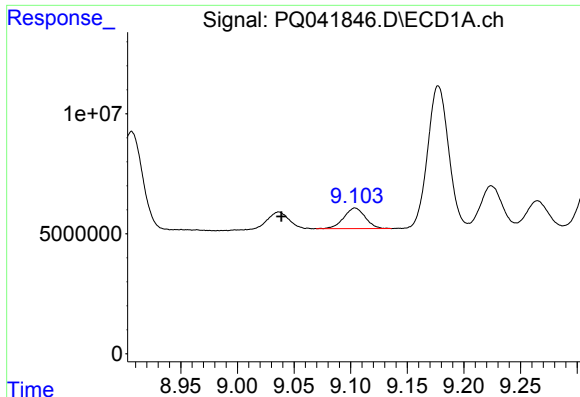
#28 AR-1254-3

R.T.: 8.734 min
Delta R.T.: -0.002 min
Response: 13326462
Conc: 48.74 ng/ml



#28 AR-1254-3

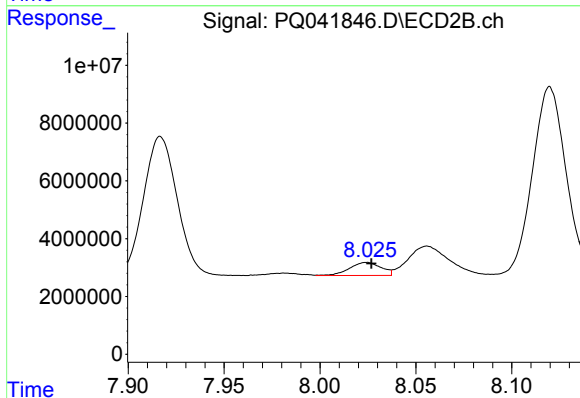
R.T.: 7.792 min
Delta R.T.: 0.014 min
Response: 40902502
Conc: 141.82 ng/ml



#29 AR-1254-4

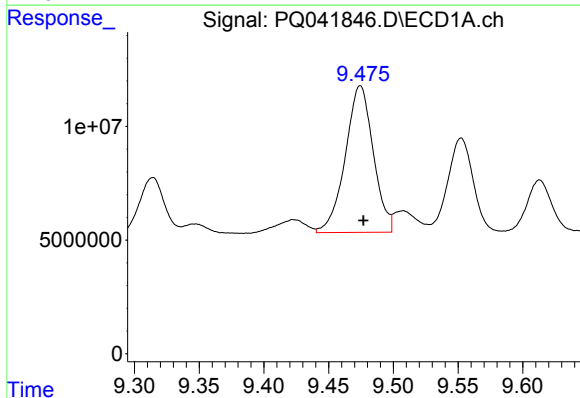
R.T.: 9.104 min
Delta R.T.: 0.065 min
Response: 11378810
Conc: 46.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



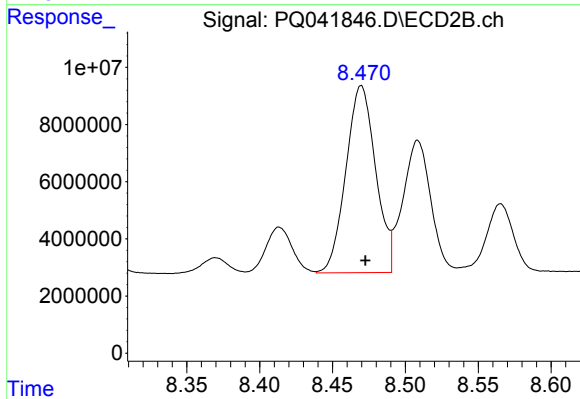
#29 AR-1254-4

R.T.: 8.024 min
Delta R.T.: -0.002 min
Response: 5155614
Conc: 23.75 ng/ml



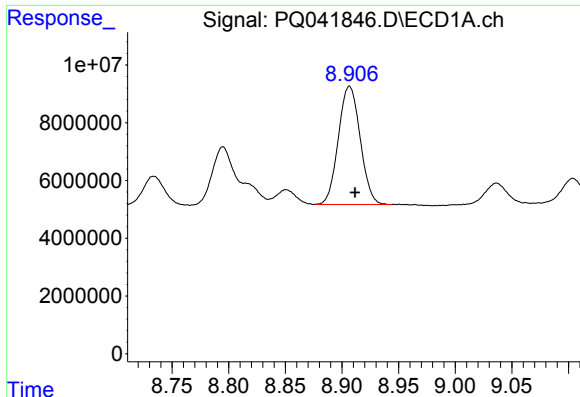
#30 AR-1254-5

R.T.: 9.474 min
Delta R.T.: -0.003 min
Response: 97114961
Conc: 358.56 ng/ml



#30 AR-1254-5

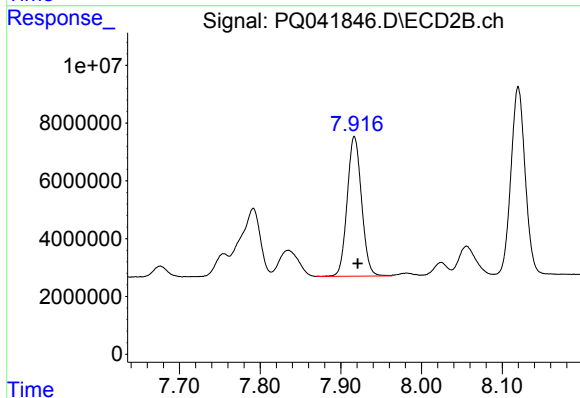
R.T.: 8.470 min
Delta R.T.: -0.003 min
Response: 92966604
Conc: 309.10 ng/ml



#31 AR-1260-1

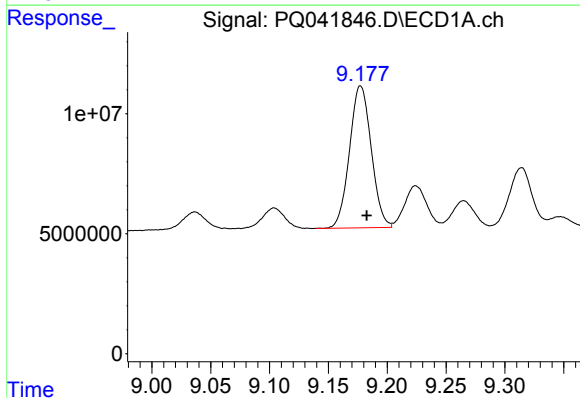
R.T.: 8.907 min
Delta R.T.: -0.005 min
Response: 54986533
Conc: 309.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



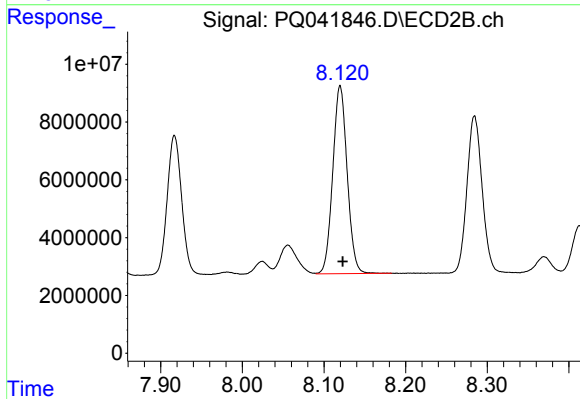
#31 AR-1260-1

R.T.: 7.917 min
Delta R.T.: -0.004 min
Response: 59784609
Conc: 329.52 ng/ml



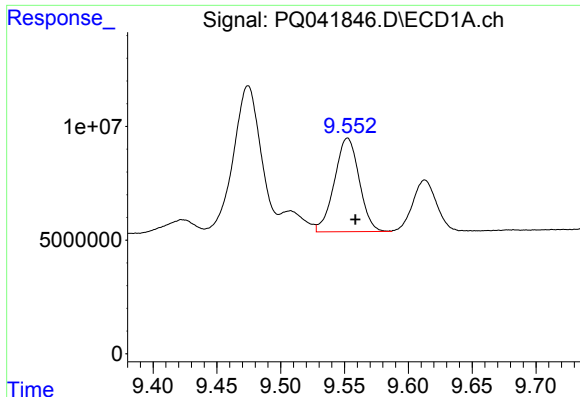
#32 AR-1260-2

R.T.: 9.177 min
Delta R.T.: -0.005 min
Response: 76133590
Conc: 301.79 ng/ml



#32 AR-1260-2

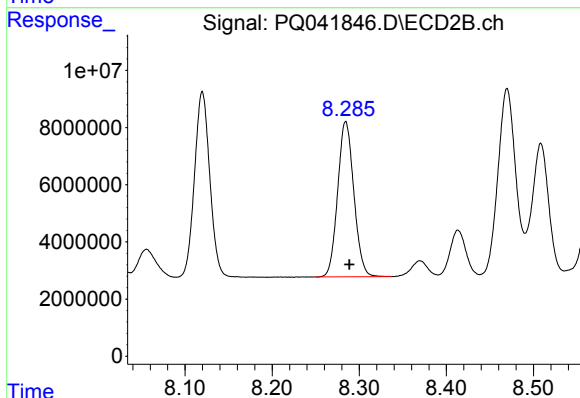
R.T.: 8.120 min
Delta R.T.: -0.003 min
Response: 79797306
Conc: 325.26 ng/ml



#33 AR-1260-3

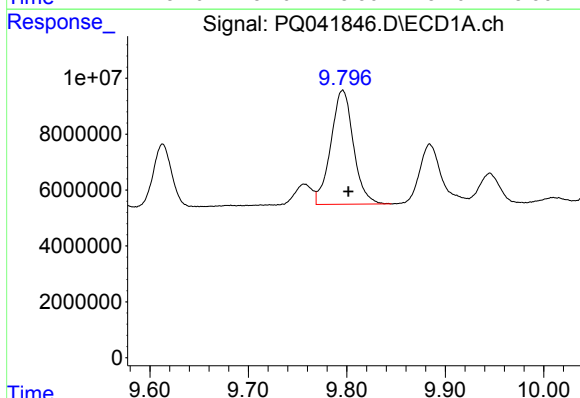
R.T.: 9.552 min
Delta R.T.: -0.006 min
Response: 55780325
Conc: 243.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



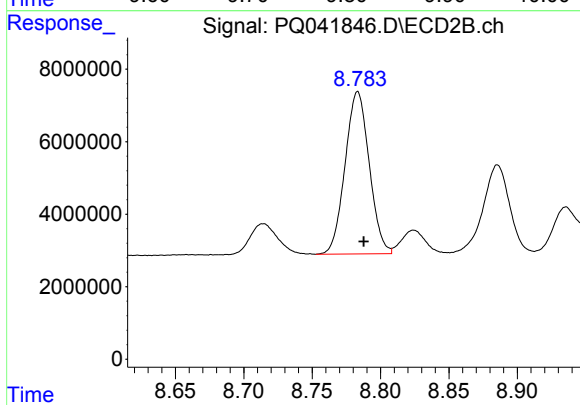
#33 AR-1260-3

R.T.: 8.284 min
Delta R.T.: -0.004 min
Response: 70158739
Conc: 329.73 ng/ml



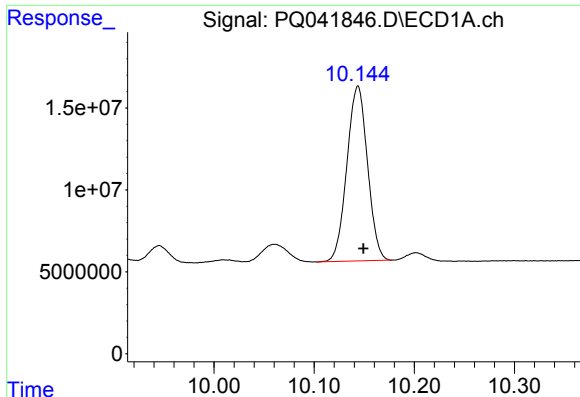
#34 AR-1260-4

R.T.: 9.796 min
Delta R.T.: -0.006 min
Response: 65072968
Conc: 254.85 ng/ml



#34 AR-1260-4

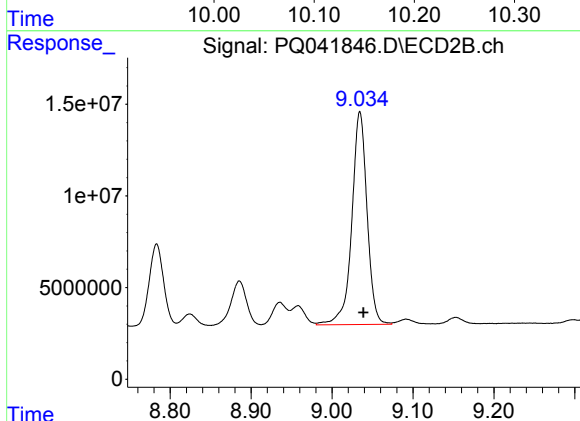
R.T.: 8.783 min
Delta R.T.: -0.004 min
Response: 55065319
Conc: 272.21 ng/ml



#35 AR-1260-5

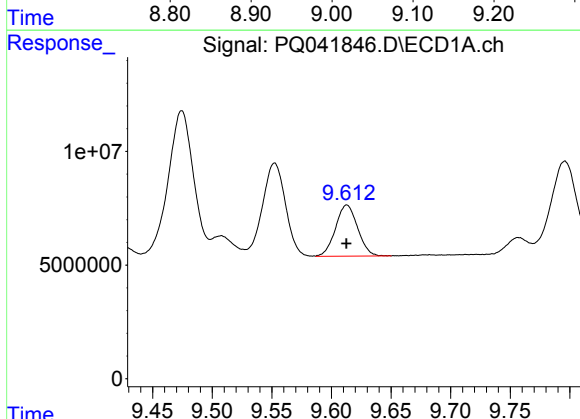
R.T.: 10.144 min
Delta R.T.: -0.006 min
Response: 152620656
Conc: 226.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



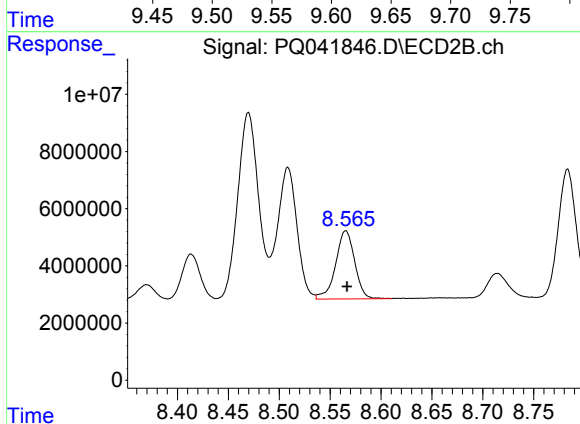
#35 AR-1260-5

R.T.: 9.034 min
Delta R.T.: -0.004 min
Response: 152013453
Conc: 257.56 ng/ml



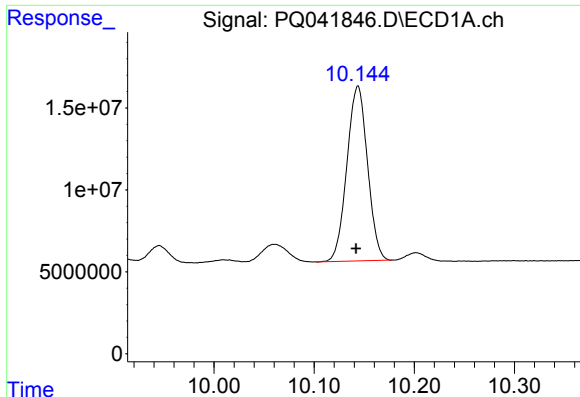
#36 AR-1262-1

R.T.: 9.613 min
Delta R.T.: 0.000 min
Response: 29129671
Conc: 189.53 ng/ml



#36 AR-1262-1

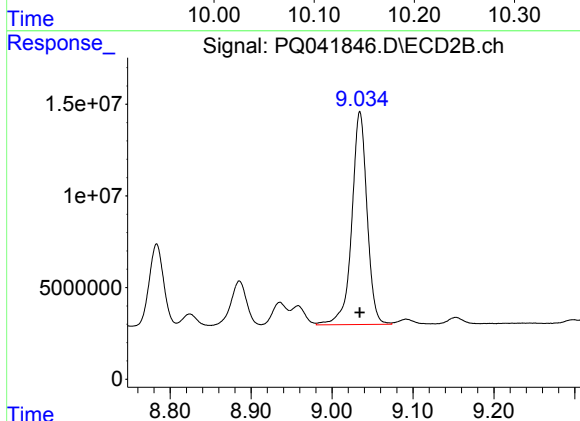
R.T.: 8.565 min
Delta R.T.: -0.001 min
Response: 31180028
Conc: 217.34 ng/ml



#37 AR-1262-2

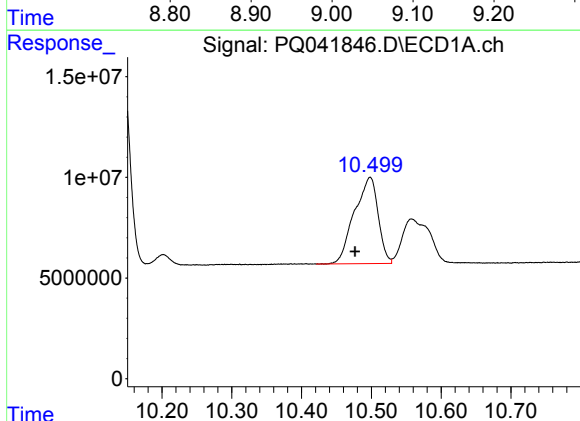
R.T.: 10.144 min
Delta R.T.: 0.002 min
Response: 152620656
Conc: 174.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



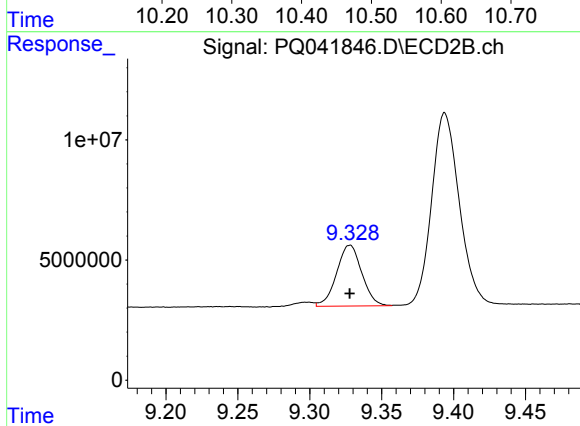
#37 AR-1262-2

R.T.: 9.034 min
Delta R.T.: 0.000 min
Response: 152013453
Conc: 205.13 ng/ml



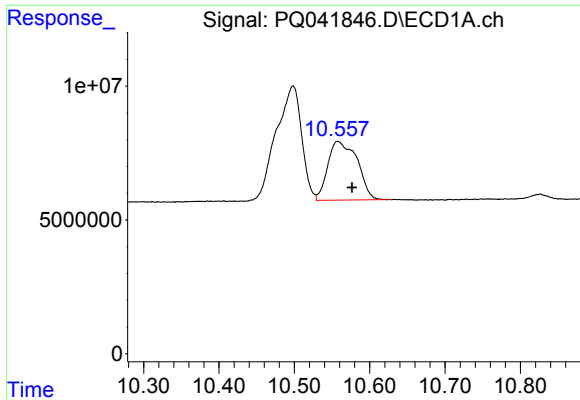
#38 AR-1262-3

R.T.: 10.498 min
Delta R.T.: 0.022 min
Response: 101089125
Conc: 159.19 ng/ml



#38 AR-1262-3

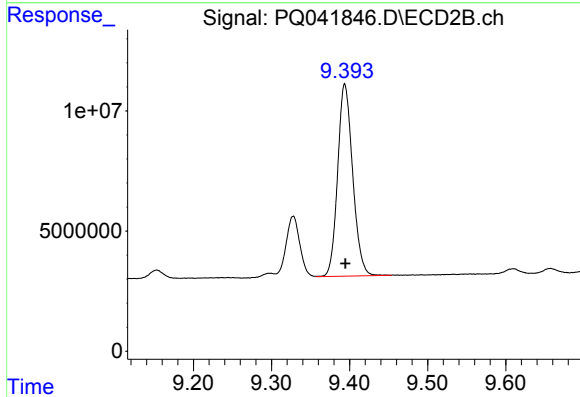
R.T.: 9.328 min
Delta R.T.: 0.000 min
Response: 30950193
Conc: 97.83 ng/ml



#39 AR-1262-4

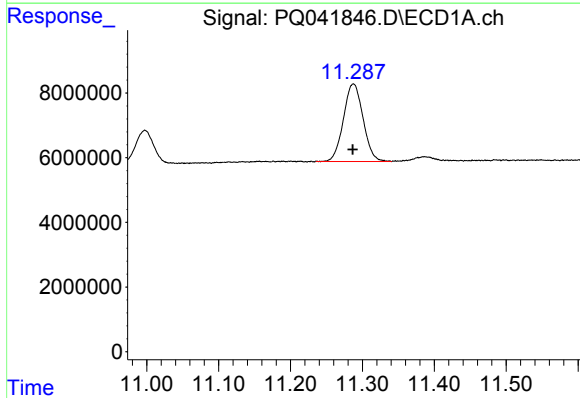
R.T.: 10.558 min
Delta R.T.: -0.019 min
Response: 59630606
Conc: 119.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



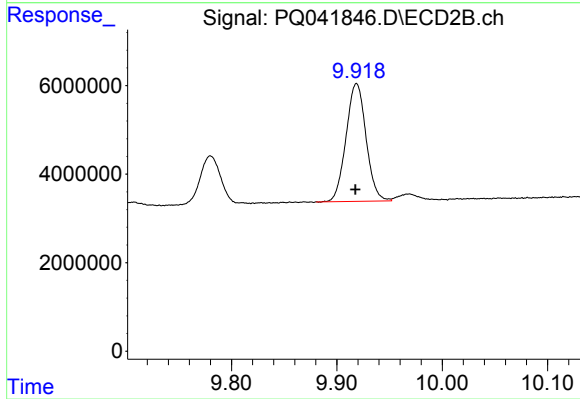
#39 AR-1262-4

R.T.: 9.394 min
Delta R.T.: 0.000 min
Response: 106934173
Conc: 190.15 ng/ml



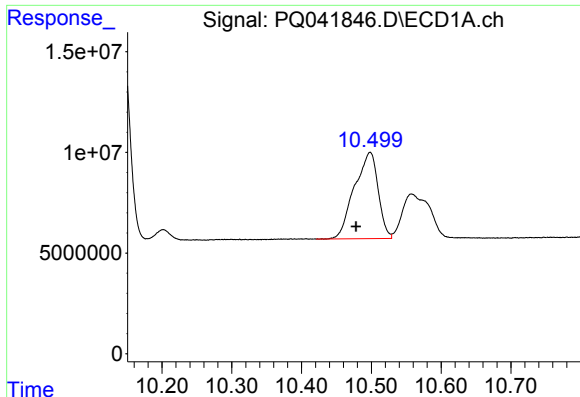
#40 AR-1262-5

R.T.: 11.288 min
Delta R.T.: 0.001 min
Response: 45508861
Conc: 111.79 ng/ml



#40 AR-1262-5

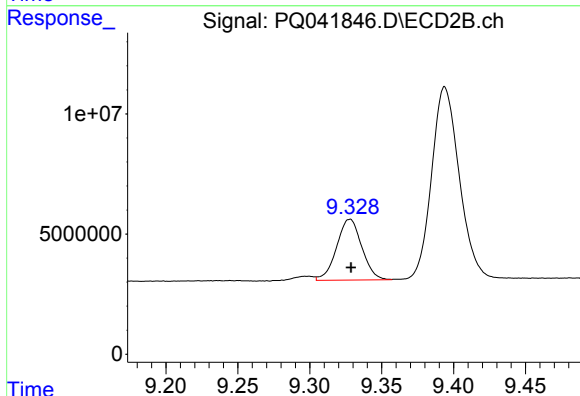
R.T.: 9.919 min
Delta R.T.: 0.001 min
Response: 35132384
Conc: 123.01 ng/ml



#41 AR-1268-1

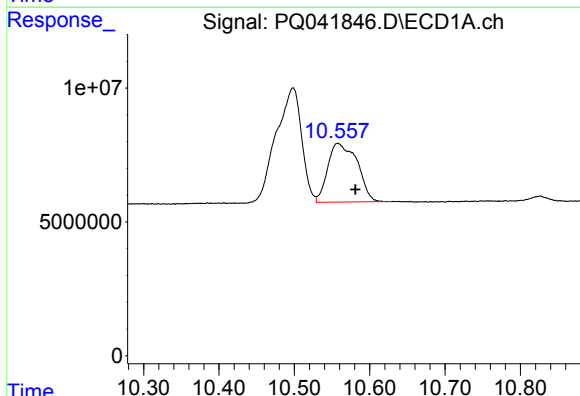
R.T.: 10.498 min
Delta R.T.: 0.020 min
Response: 101089125
Conc: 70.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



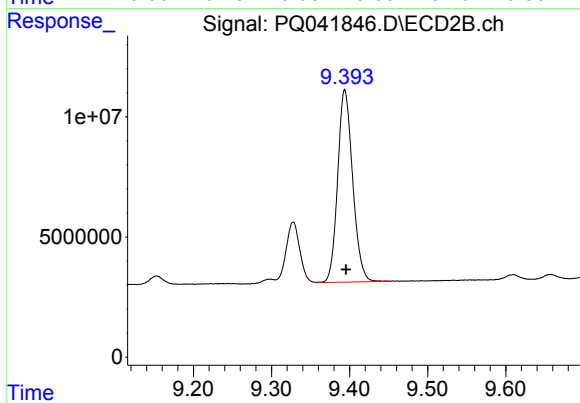
#41 AR-1268-1

R.T.: 9.328 min
Delta R.T.: 0.000 min
Response: 30950193
Conc: 27.07 ng/ml



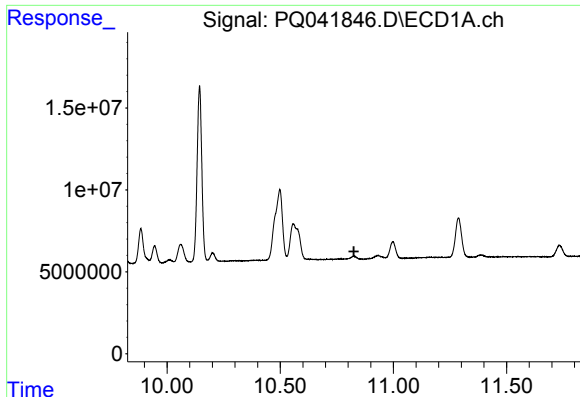
#42 AR-1268-2

R.T.: 10.558 min
Delta R.T.: -0.023 min
Response: 59630606
Conc: 45.21 ng/ml



#42 AR-1268-2

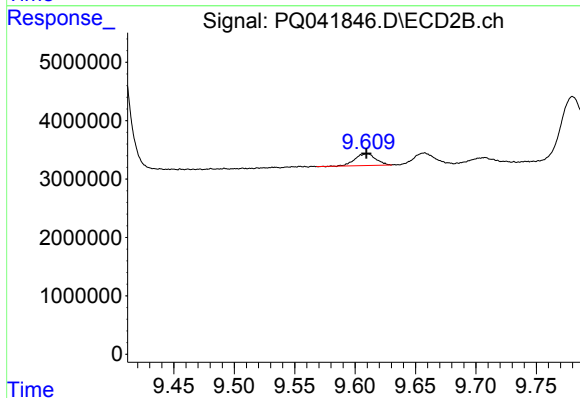
R.T.: 9.394 min
Delta R.T.: -0.002 min
Response: 106934173
Conc: 104.17 ng/ml



#43 AR-1268-3

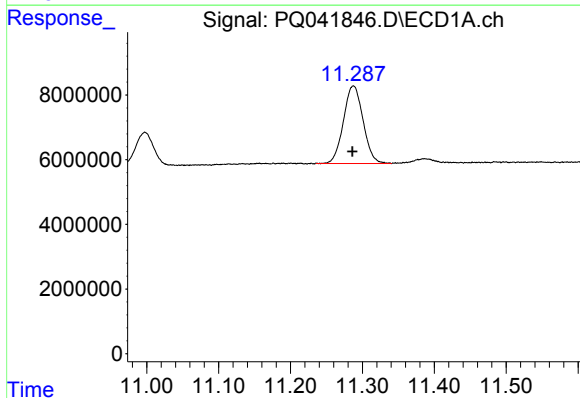
R.T.: 0.000 min
Exp R.T.: 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



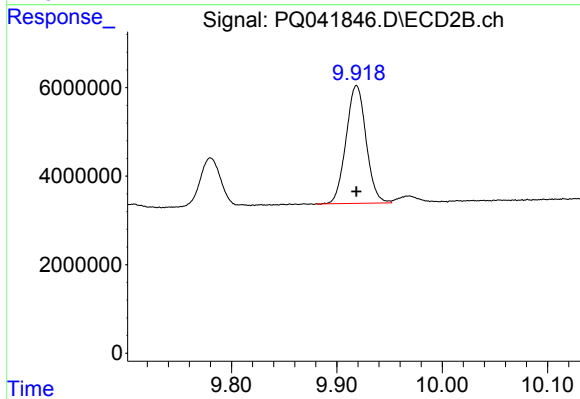
#43 AR-1268-3

R.T.: 9.610 min
Delta R.T.: 0.000 min
Response: 2417651
Conc: 2.78 ng/ml



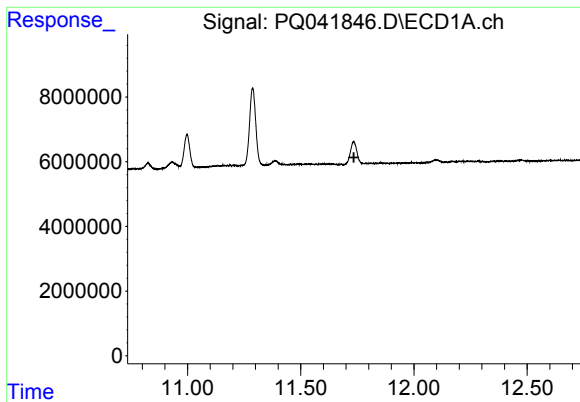
#44 AR-1268-4

R.T.: 11.288 min
Delta R.T.: 0.001 min
Response: 45508861
Conc: 83.59 ng/ml



#44 AR-1268-4

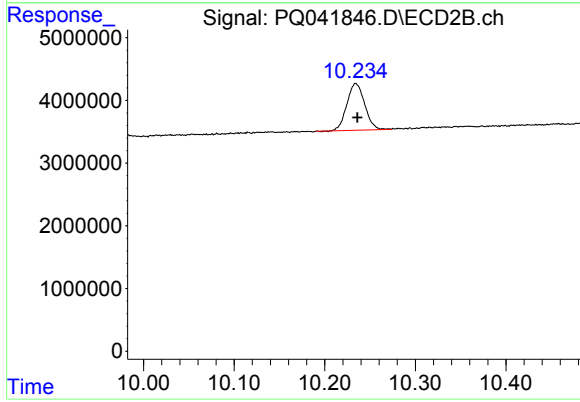
R.T.: 9.919 min
Delta R.T.: 0.000 min
Response: 35132384
Conc: 91.33 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.735 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.234 min
Delta R.T.: -0.002 min
Response: 10147345
Conc: 3.91 ng/ml