

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042019\
 Data File : PQ039190.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2019 13:30
 Operator : AJ\SJ
 Sample : K2241-08
 Misc : AR1248 LOQ 100 PPB
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

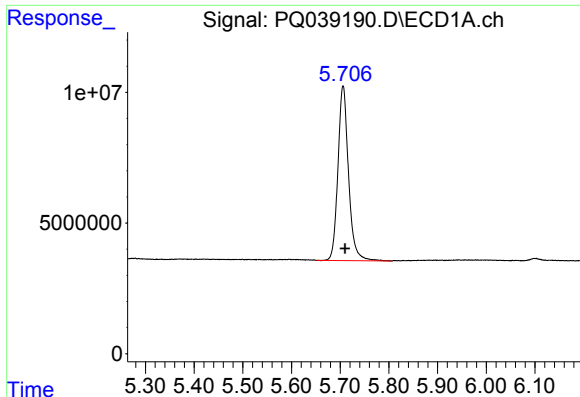
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 00:35:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Apr 20 00:43:12 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	5.706	4.795	100.8E6	59023230	24.364	23.477
2) SA Decachlor...	12.115	10.563	113.2E6	65344344	19.146	18.957
Target Compounds						
5) L1 AR-1016-3	0.000	6.540	0	6012170	N.D.	77.145 #
6) L1 AR-1016-4	0.000	6.540	0	6012170	N.D.	96.789 #
7) L1 AR-1016-5	7.699	6.793	5467719	3758504	46.107	44.786
9) L2 AR-1221-2	0.000	5.217	0	761462	N.D.	37.473 #
13) L3 AR-1232-3	0.000	6.540	0	6012170	N.D.	192.503 #
14) L3 AR-1232-4	0.000	6.588	0	1715075	N.D.	60.403 #
15) L3 AR-1232-5	7.469	6.793	9442619	3758504	280.750	110.697 #
18) L4 AR-1242-3	0.000	6.540	0	6012170	N.D.	87.476 #
19) L4 AR-1242-4	0.000	6.588	0	1715075	N.D.	25.004 #
20) L4 AR-1242-5	8.190	7.202	5217095	16594475	45.453	183.427 #
22) L5 AR-1248-2	7.469	6.540	9442619	6012170	72.617	70.404
23) L5 AR-1248-3	7.699	6.588	5467719	1715075	34.925	19.028 #
24) L5 AR-1248-4	8.145	6.793	8147801	3758504	45.484	33.816 #
25) L5 AR-1248-5	8.190	7.249	5217095	2149282	29.392	18.985 #
26) L6 AR-1254-1	8.116	7.202	18833221	16594475	91.204	80.990
27) L6 AR-1254-2	8.354	7.369	28003482	14642156	85.886	82.634
28) L6 AR-1254-3	8.749	7.818	29730691	23556465	83.695	76.956
29) L6 AR-1254-4	9.052	8.067	19218733	13555228	77.333	73.882
30) L6 AR-1254-5	9.490	8.513	20398121	19741031	72.565	75.451
31) L7 AR-1260-1	8.921	7.958	11751657	10830697	51.889	63.793
32) L7 AR-1260-2	9.191	8.162	12138876	8669858	44.314	42.293
33) L7 AR-1260-3	9.521	8.326	2013041	9146289	9.022	46.898 #
34) L7 AR-1260-4	9.802	8.828	8203961	1070854	30.863	6.459 #
35) L7 AR-1260-5	0.000	9.076	0	1898547	N.D.	4.647 #
36) L8 AR-1262-1	0.000	8.587	0	1539856	N.D.	5.689 #
37) L8 AR-1262-2	0.000	9.076	0	1898547	N.D.	3.738 #
38) L8 AR-1262-3	0.000	9.437	0	2138084	N.D.	11.254 #
39) L8 AR-1262-4	0.000	9.437	0	2138084	N.D.	5.761 #
41) L9 AR-1268-1	0.000	9.437	0	2138084	N.D.	3.718 #
42) L9 AR-1268-2	0.000	9.437	0	2138084	N.D.	3.971 #

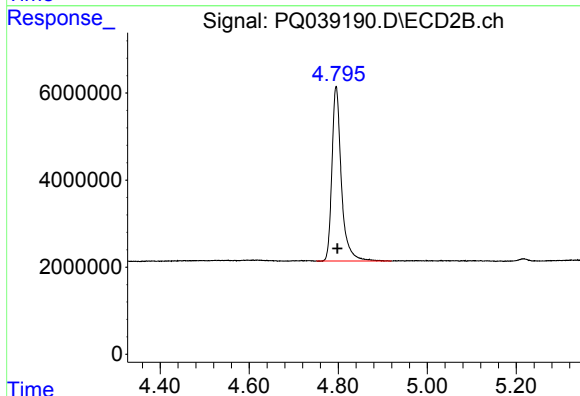
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

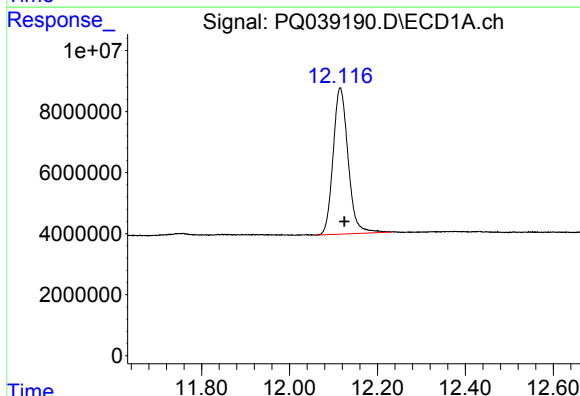
R.T.: 5.706 min
Delta R.T.: -0.004 min
Response: 100796401
Conc: 24.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



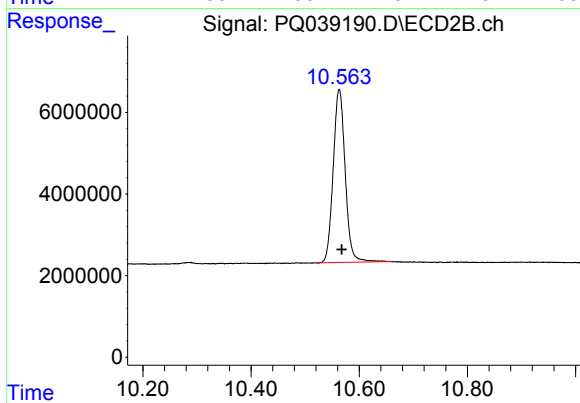
#1 Tetrachloro-m-xylene

R.T.: 4.795 min
Delta R.T.: -0.002 min
Response: 59023230
Conc: 23.48 ng/ml



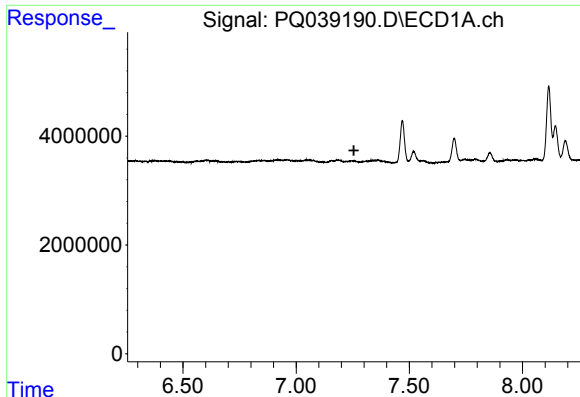
#2 Decachlorobiphenyl

R.T.: 12.115 min
Delta R.T.: -0.009 min
Response: 113234892
Conc: 19.15 ng/ml



#2 Decachlorobiphenyl

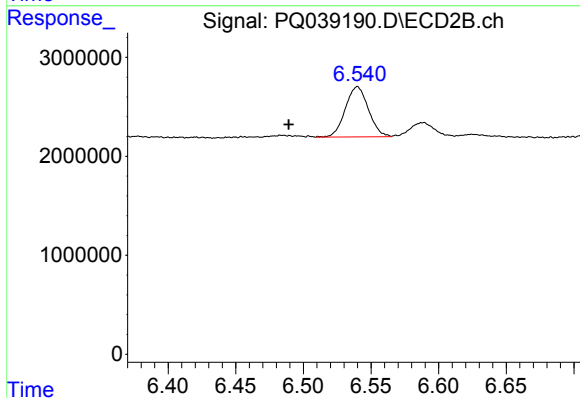
R.T.: 10.563 min
Delta R.T.: -0.005 min
Response: 65344344
Conc: 18.96 ng/ml



#5 AR-1016-3

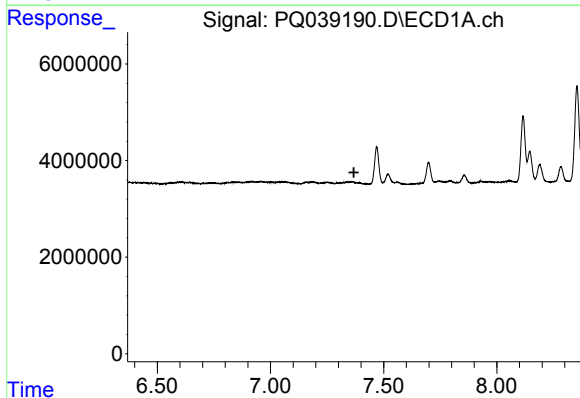
R.T.: 0.000 min
Exp R.T.: 7.255 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



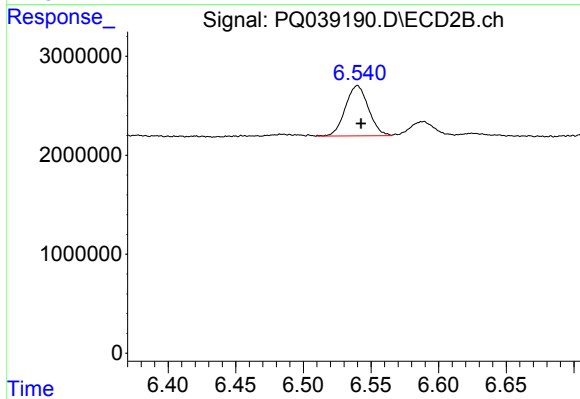
#5 AR-1016-3

R.T.: 6.540 min
Delta R.T.: 0.051 min
Response: 6012170
Conc: 77.14 ng/ml



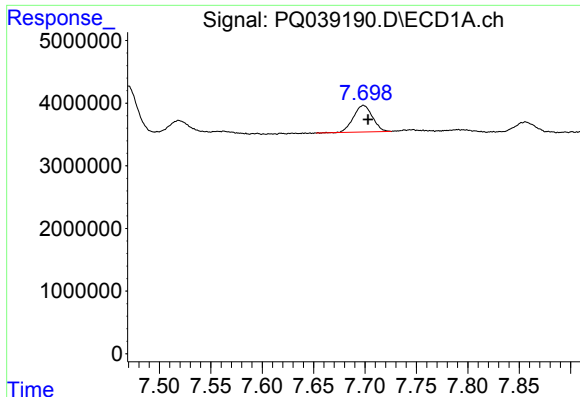
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 7.369 min
Response: 0
Conc: N.D.



#6 AR-1016-4

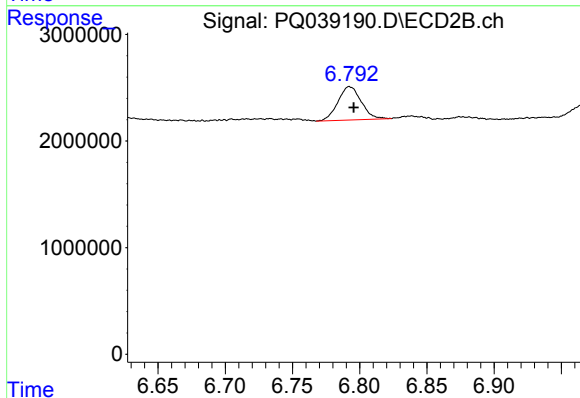
R.T.: 6.540 min
Delta R.T.: -0.003 min
Response: 6012170
Conc: 96.79 ng/ml



#7 AR-1016-5

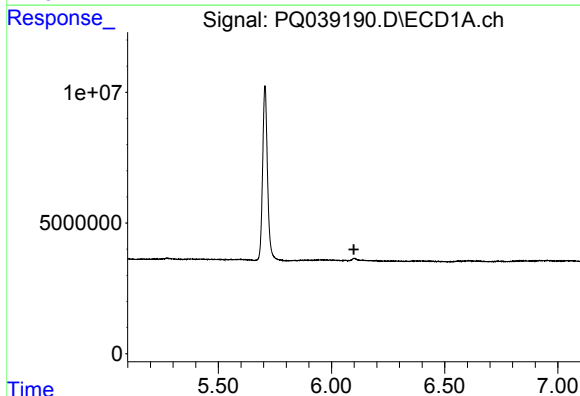
R.T.: 7.699 min
Delta R.T.: -0.004 min
Response: 5467719
Conc: 46.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



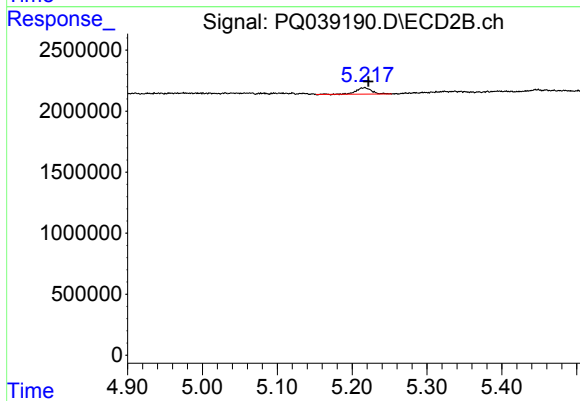
#7 AR-1016-5

R.T.: 6.793 min
Delta R.T.: -0.003 min
Response: 3758504
Conc: 44.79 ng/ml



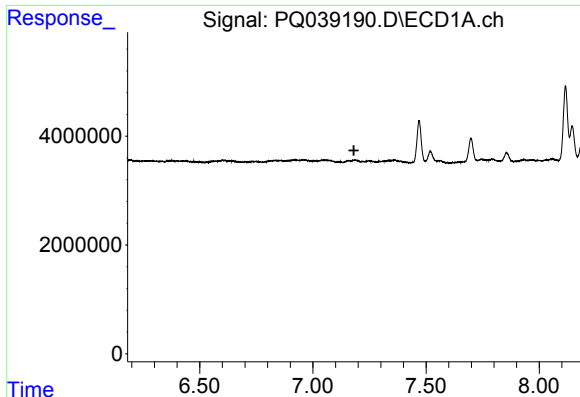
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 6.099 min
Response: 0
Conc: N.D.



#9 AR-1221-2

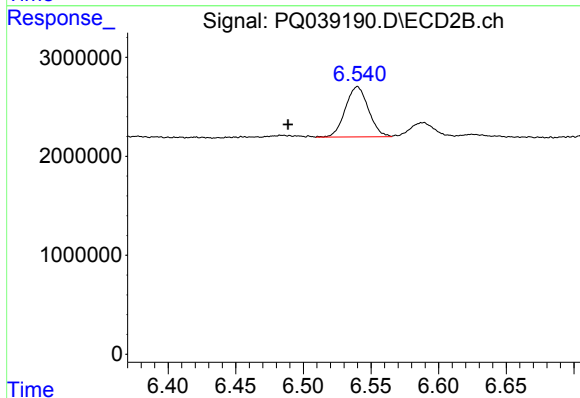
R.T.: 5.217 min
Delta R.T.: -0.005 min
Response: 761462
Conc: 37.47 ng/ml



#13 AR-1232-3

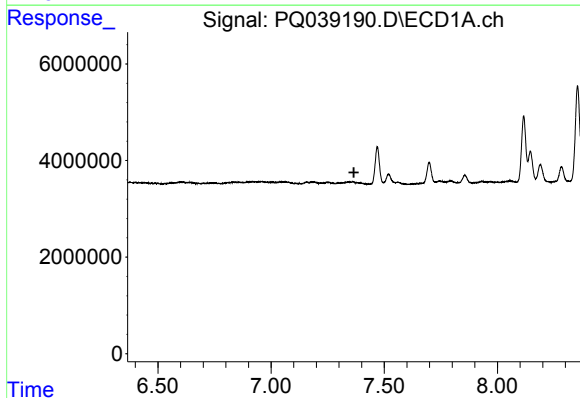
R.T.: 0.000 min
Exp R.T.: 7.181 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



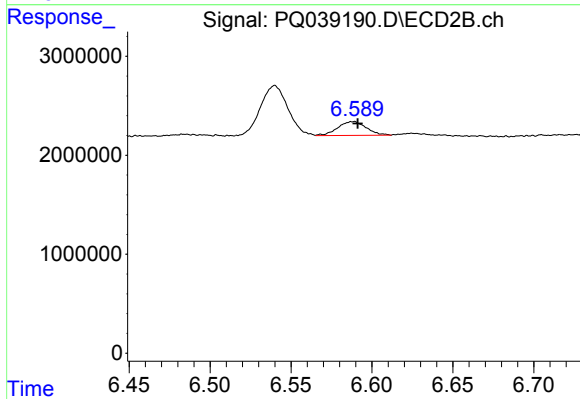
#13 AR-1232-3

R.T.: 6.540 min
Delta R.T.: 0.051 min
Response: 6012170
Conc: 192.50 ng/ml



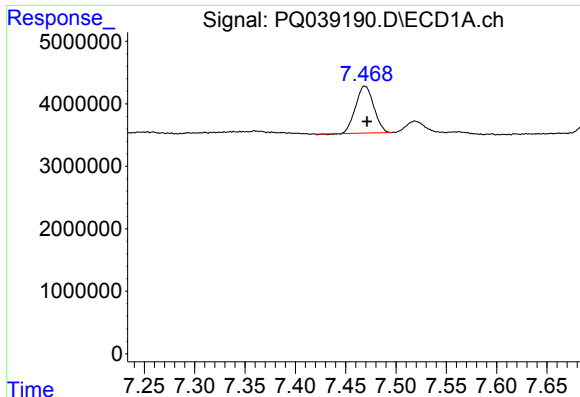
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 7.366 min
Response: 0
Conc: N.D.



#14 AR-1232-4

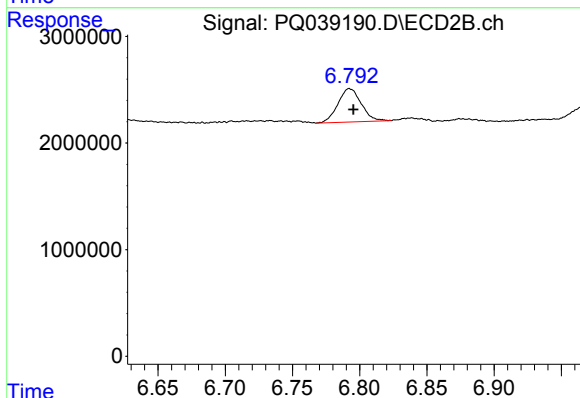
R.T.: 6.588 min
Delta R.T.: -0.003 min
Response: 1715075
Conc: 60.40 ng/ml



#15 AR-1232-5

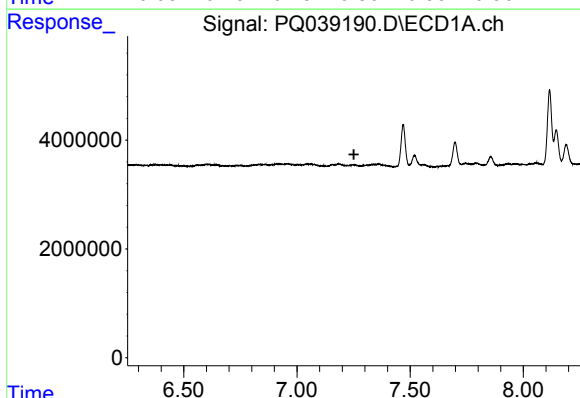
R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 9442619
Conc: 280.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



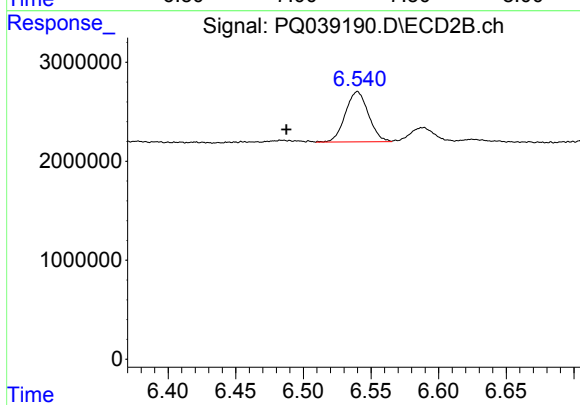
#15 AR-1232-5

R.T.: 6.793 min
Delta R.T.: -0.003 min
Response: 3758504
Conc: 110.70 ng/ml



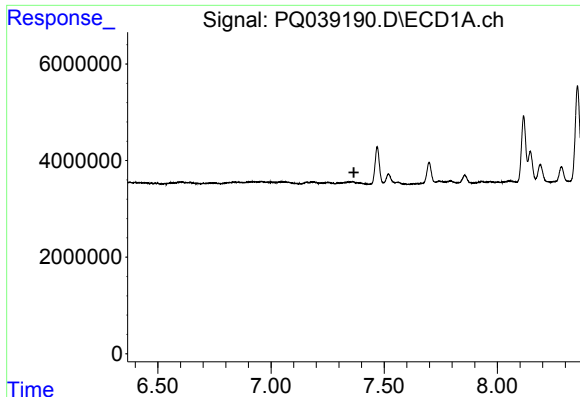
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 7.252 min
Response: 0
Conc: N.D.



#18 AR-1242-3

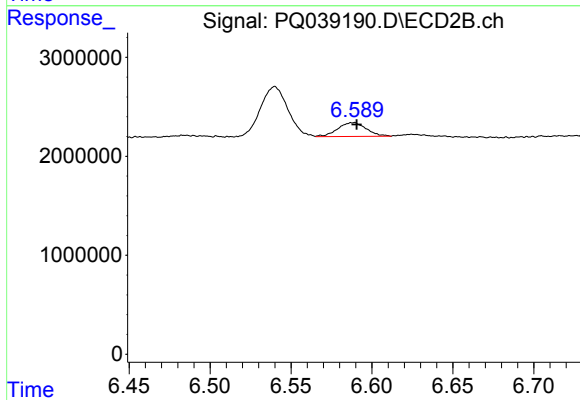
R.T.: 6.540 min
Delta R.T.: 0.052 min
Response: 6012170
Conc: 87.48 ng/ml



#19 AR-1242-4

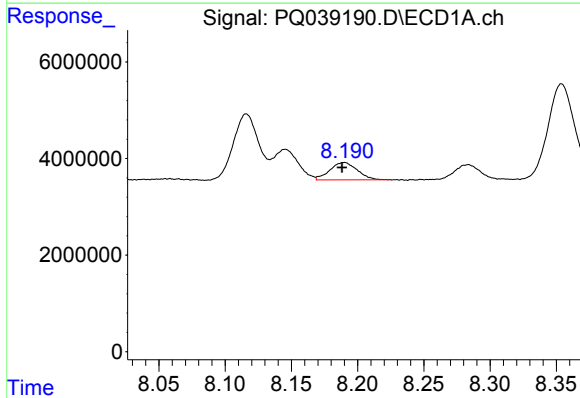
R.T.: 0.000 min
Exp R.T.: 7.366 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



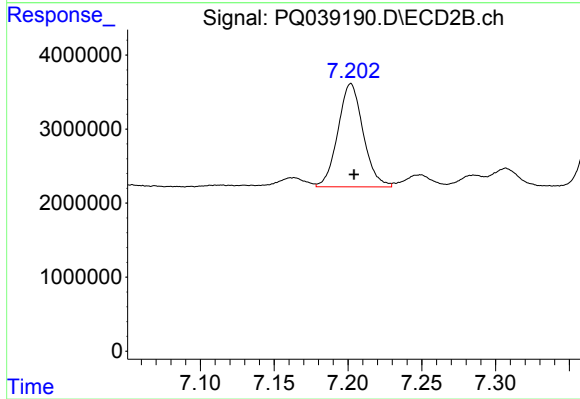
#19 AR-1242-4

R.T.: 6.588 min
Delta R.T.: -0.002 min
Response: 1715075
Conc: 25.00 ng/ml



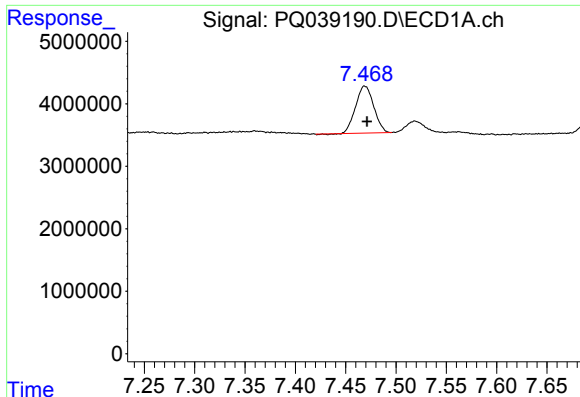
#20 AR-1242-5

R.T.: 8.190 min
Delta R.T.: 0.002 min
Response: 5217095
Conc: 45.45 ng/ml



#20 AR-1242-5

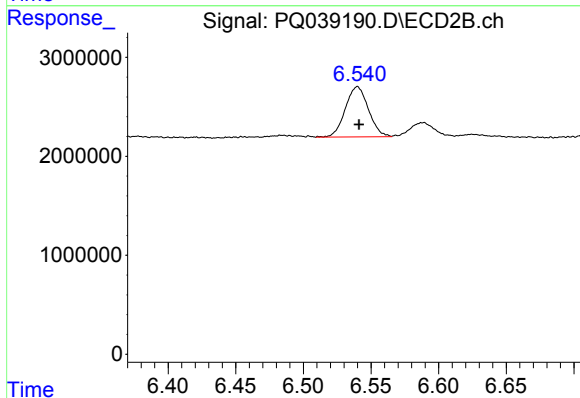
R.T.: 7.202 min
Delta R.T.: -0.002 min
Response: 16594475
Conc: 183.43 ng/ml



#22 AR-1248-2

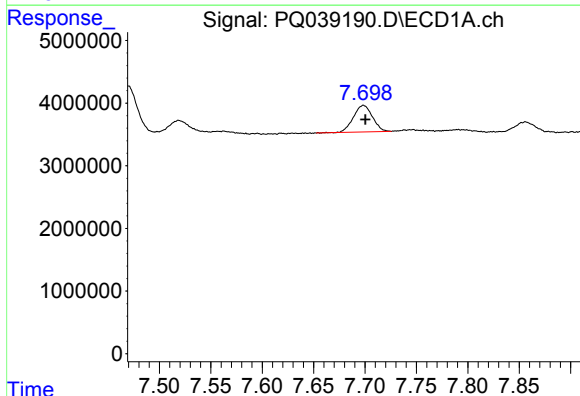
R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 9442619
Conc: 72.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



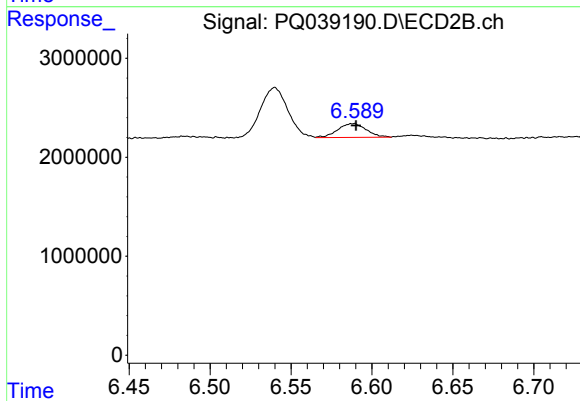
#22 AR-1248-2

R.T.: 6.540 min
Delta R.T.: -0.001 min
Response: 6012170
Conc: 70.40 ng/ml



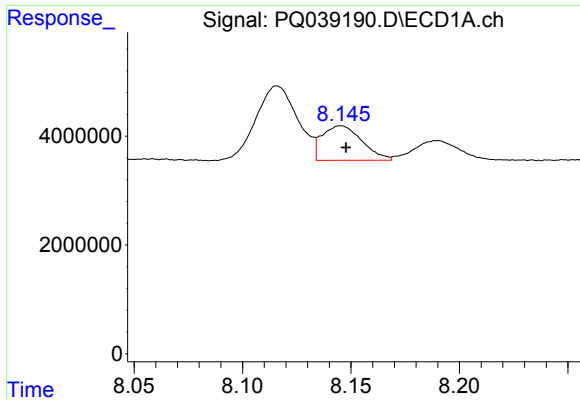
#23 AR-1248-3

R.T.: 7.699 min
Delta R.T.: -0.002 min
Response: 5467719
Conc: 34.92 ng/ml



#23 AR-1248-3

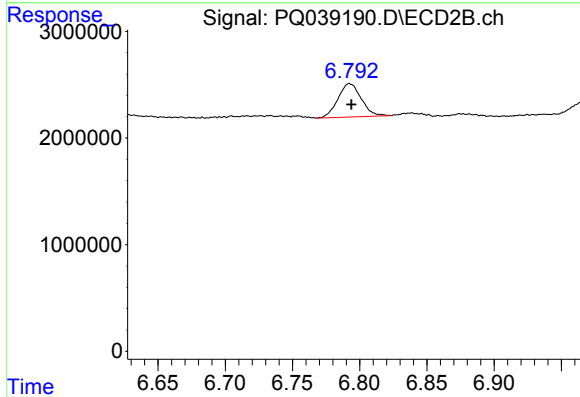
R.T.: 6.588 min
Delta R.T.: -0.002 min
Response: 1715075
Conc: 19.03 ng/ml



#24 AR-1248-4

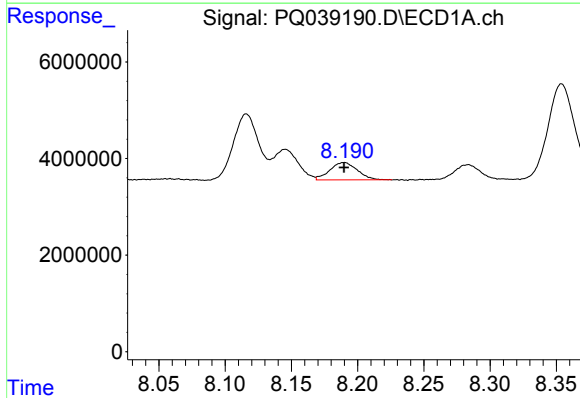
R.T.: 8.145 min
Delta R.T.: -0.002 min
Response: 8147801
Conc: 45.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



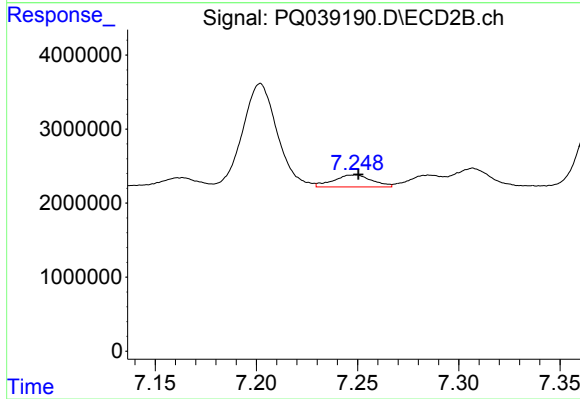
#24 AR-1248-4

R.T.: 6.793 min
Delta R.T.: -0.001 min
Response: 3758504
Conc: 33.82 ng/ml



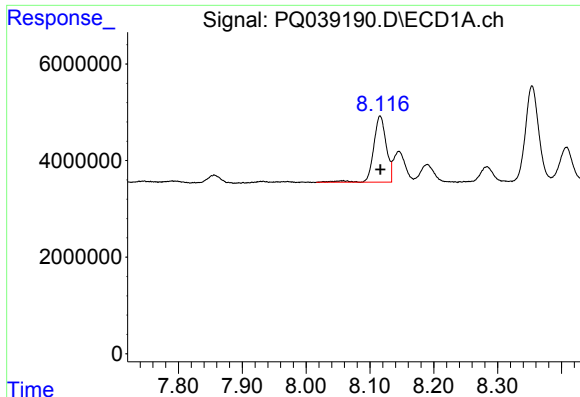
#25 AR-1248-5

R.T.: 8.190 min
Delta R.T.: 0.000 min
Response: 5217095
Conc: 29.39 ng/ml



#25 AR-1248-5

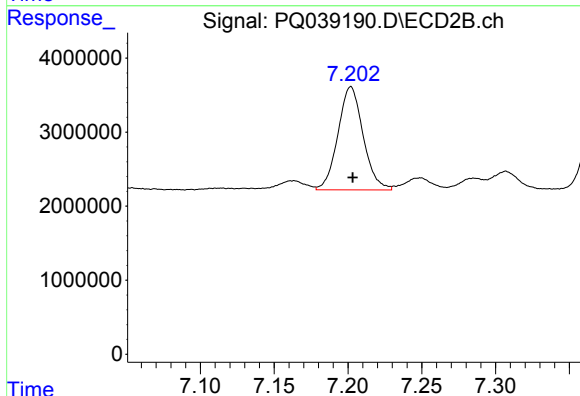
R.T.: 7.249 min
Delta R.T.: -0.002 min
Response: 2149282
Conc: 18.99 ng/ml



#26 AR-1254-1

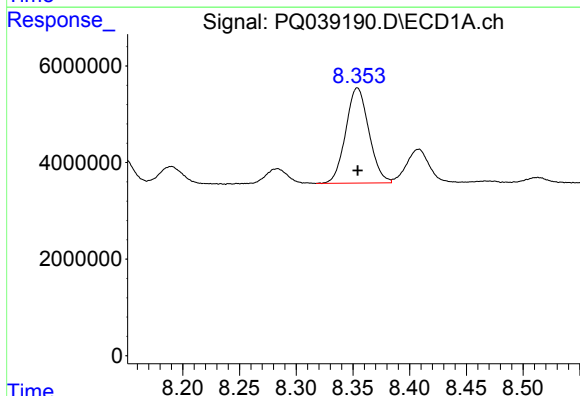
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 18833221
Conc: 91.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



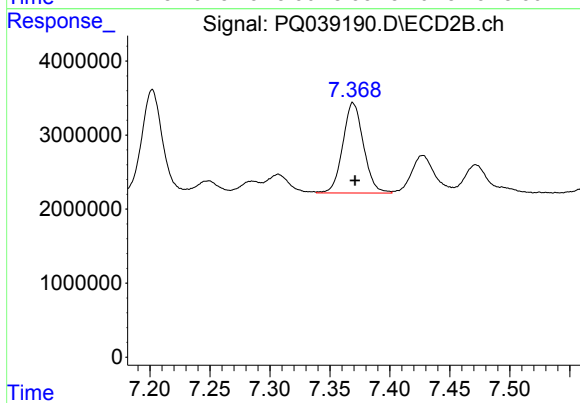
#26 AR-1254-1

R.T.: 7.202 min
Delta R.T.: -0.001 min
Response: 16594475
Conc: 80.99 ng/ml



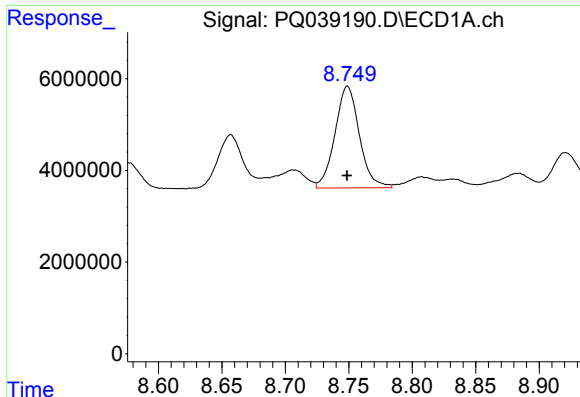
#27 AR-1254-2

R.T.: 8.354 min
Delta R.T.: 0.000 min
Response: 28003482
Conc: 85.89 ng/ml



#27 AR-1254-2

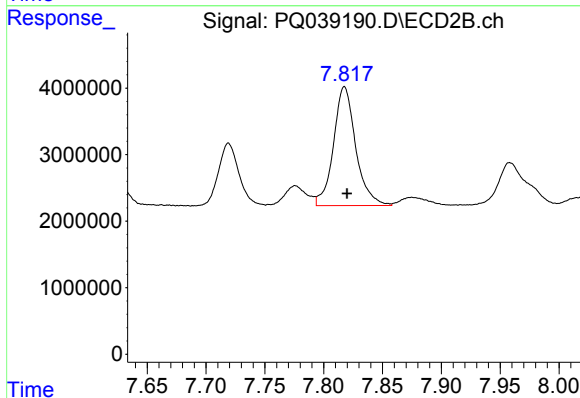
R.T.: 7.369 min
Delta R.T.: -0.002 min
Response: 14642156
Conc: 82.63 ng/ml



#28 AR-1254-3

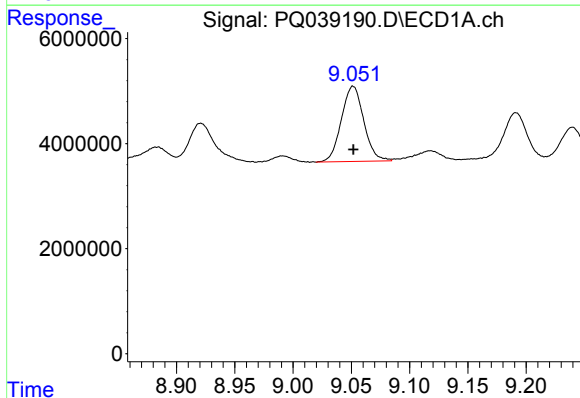
R.T.: 8.749 min
Delta R.T.: 0.000 min
Response: 29730691
Conc: 83.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



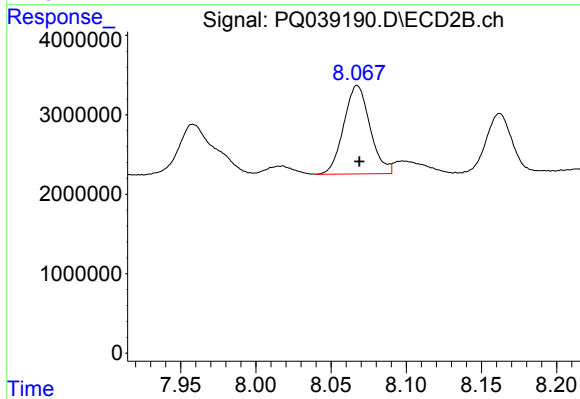
#28 AR-1254-3

R.T.: 7.818 min
Delta R.T.: -0.002 min
Response: 23556465
Conc: 76.96 ng/ml



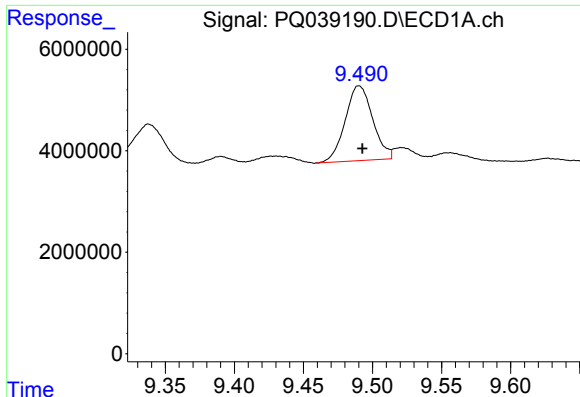
#29 AR-1254-4

R.T.: 9.052 min
Delta R.T.: 0.000 min
Response: 19218733
Conc: 77.33 ng/ml



#29 AR-1254-4

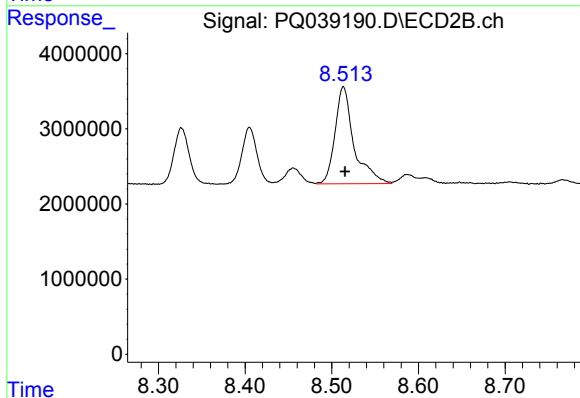
R.T.: 8.067 min
Delta R.T.: -0.001 min
Response: 13555228
Conc: 73.88 ng/ml



#30 AR-1254-5

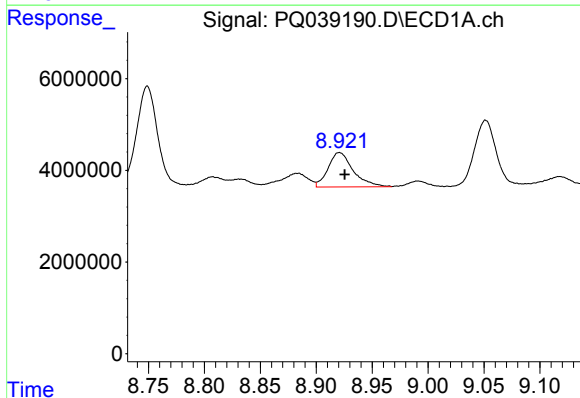
R.T.: 9.490 min
Delta R.T.: -0.002 min
Response: 20398121
Conc: 72.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



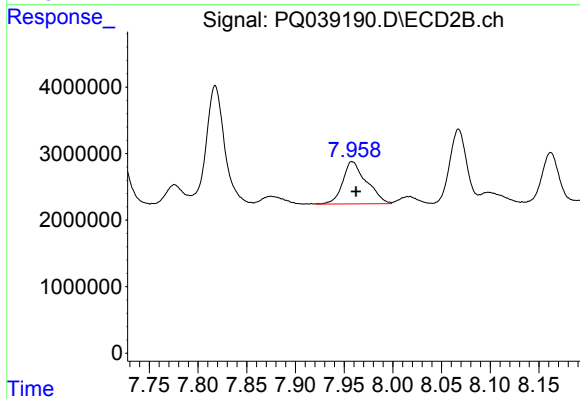
#30 AR-1254-5

R.T.: 8.513 min
Delta R.T.: -0.002 min
Response: 19741031
Conc: 75.45 ng/ml



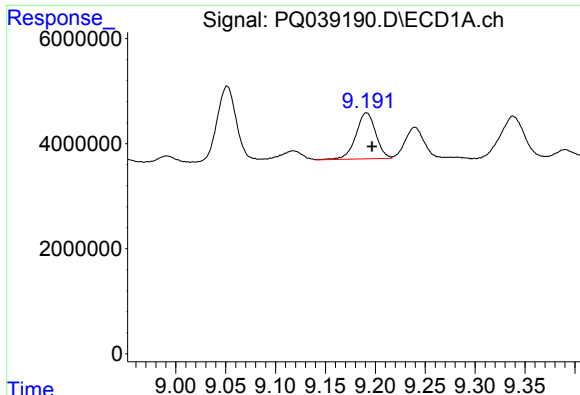
#31 AR-1260-1

R.T.: 8.921 min
Delta R.T.: -0.005 min
Response: 11751657
Conc: 51.89 ng/ml



#31 AR-1260-1

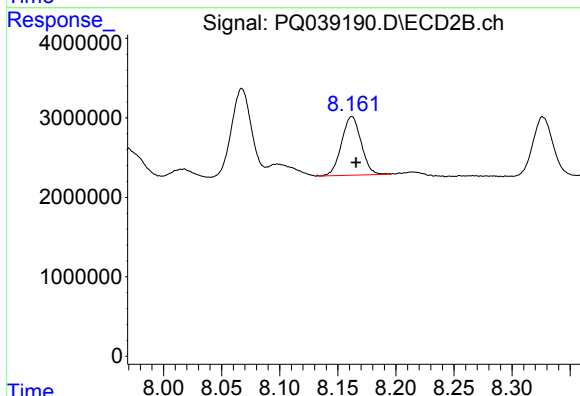
R.T.: 7.958 min
Delta R.T.: -0.004 min
Response: 10830697
Conc: 63.79 ng/ml



#32 AR-1260-2

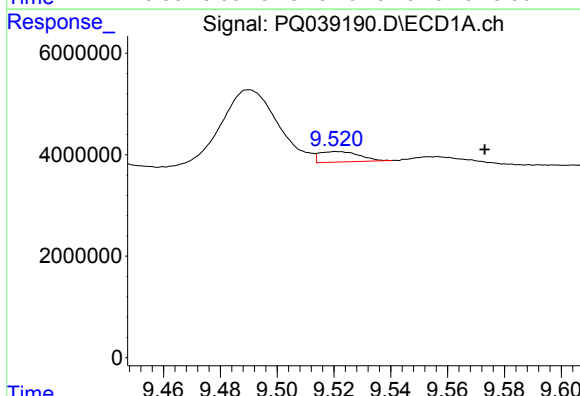
R.T.: 9.191 min
Delta R.T.: -0.005 min
Response: 12138876
Conc: 44.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



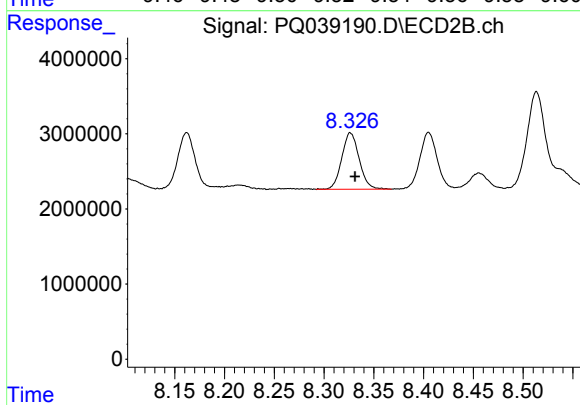
#32 AR-1260-2

R.T.: 8.162 min
Delta R.T.: -0.004 min
Response: 8669858
Conc: 42.29 ng/ml



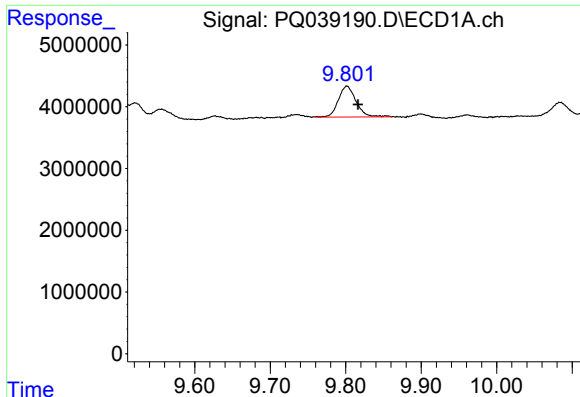
#33 AR-1260-3

R.T.: 9.521 min
Delta R.T.: -0.052 min
Response: 2013041
Conc: 9.02 ng/ml



#33 AR-1260-3

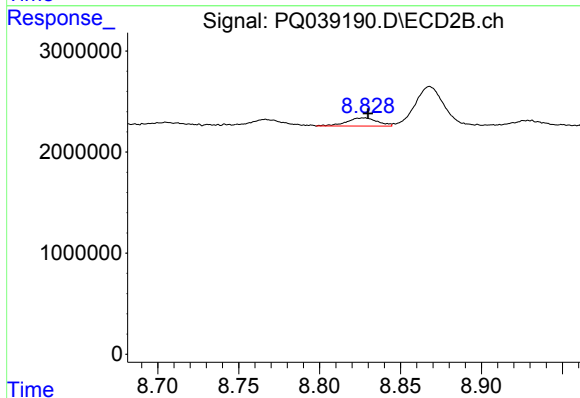
R.T.: 8.326 min
Delta R.T.: -0.005 min
Response: 9146289
Conc: 46.90 ng/ml



#34 AR-1260-4

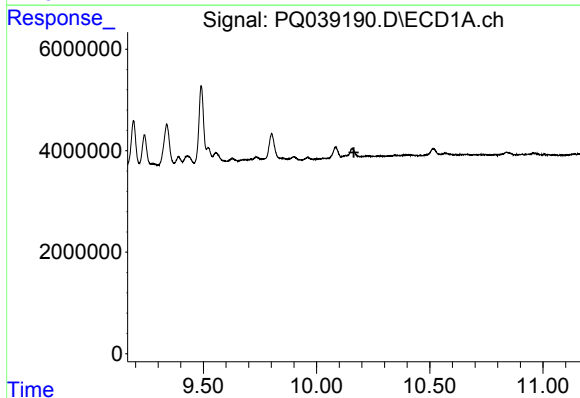
R.T.: 9.802 min
Delta R.T.: -0.015 min
Response: 8203961
Conc: 30.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



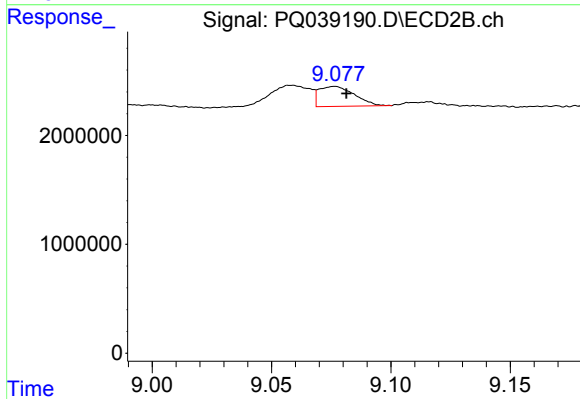
#34 AR-1260-4

R.T.: 8.828 min
Delta R.T.: -0.002 min
Response: 1070854
Conc: 6.46 ng/ml



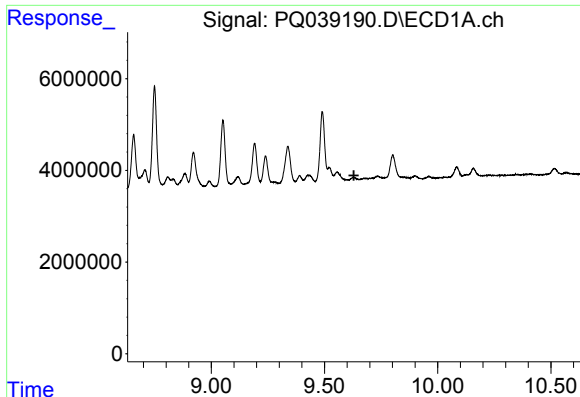
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 10.165 min
Response: 0
Conc: N.D.



#35 AR-1260-5

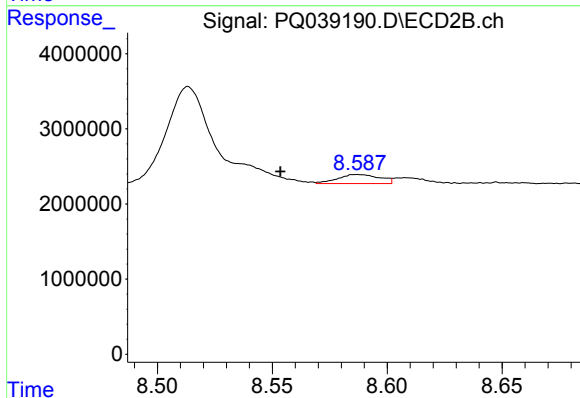
R.T.: 9.076 min
Delta R.T.: -0.005 min
Response: 1898547
Conc: 4.65 ng/ml



#36 AR-1262-1

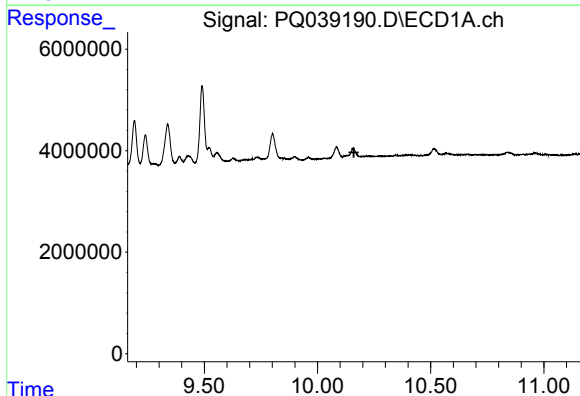
R.T.: 0.000 min
Exp R.T.: 9.630 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



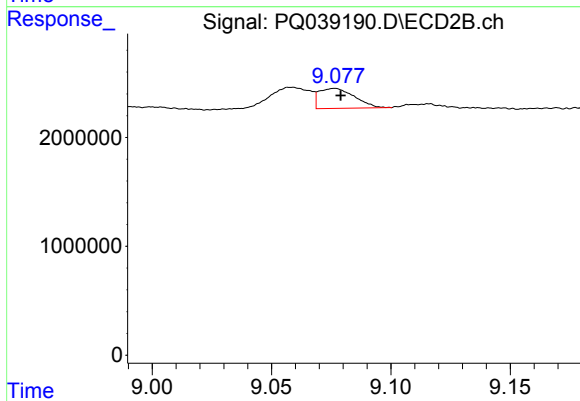
#36 AR-1262-1

R.T.: 8.587 min
Delta R.T.: 0.033 min
Response: 1539856
Conc: 5.69 ng/ml



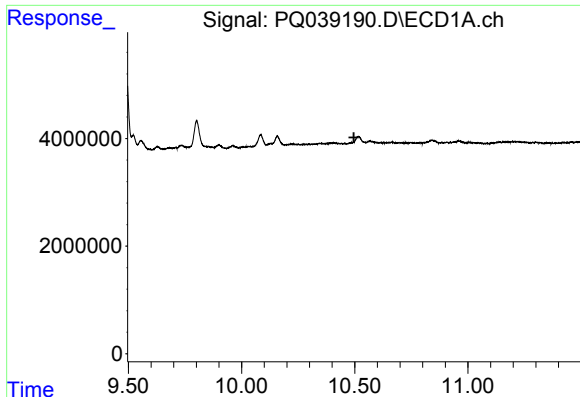
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 10.161 min
Response: 0
Conc: N.D.



#37 AR-1262-2

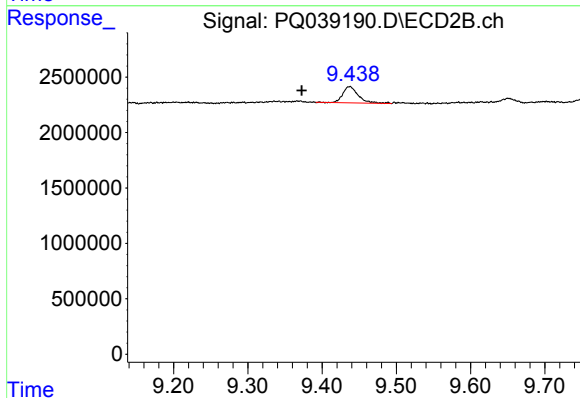
R.T.: 9.076 min
Delta R.T.: -0.003 min
Response: 1898547
Conc: 3.74 ng/ml



#38 AR-1262-3

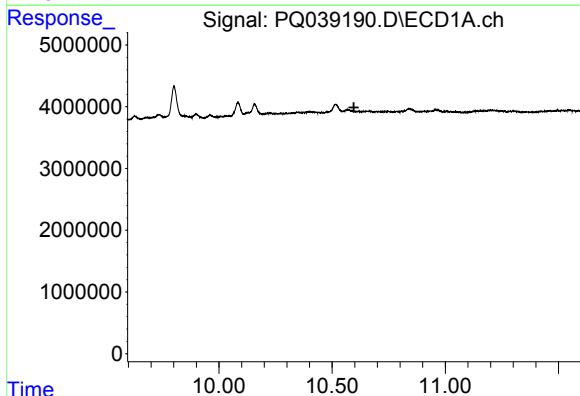
R.T.: 0.000 min
Exp R.T.: 10.496 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



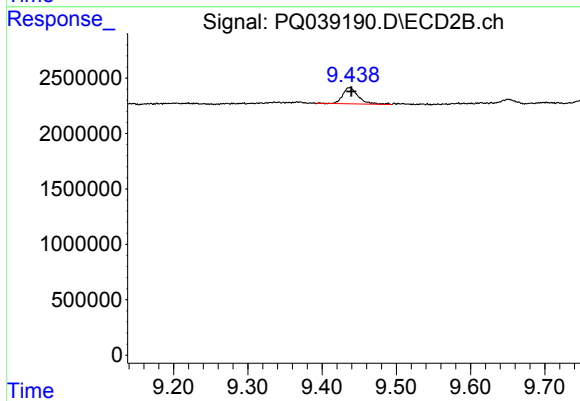
#38 AR-1262-3

R.T.: 9.437 min
Delta R.T.: 0.064 min
Response: 2138084
Conc: 11.25 ng/ml



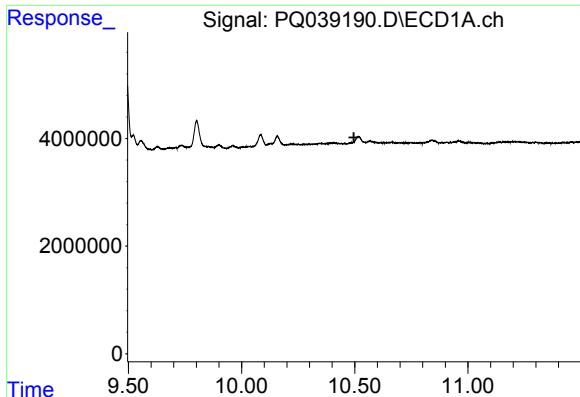
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 10.596 min
Response: 0
Conc: N.D.



#39 AR-1262-4

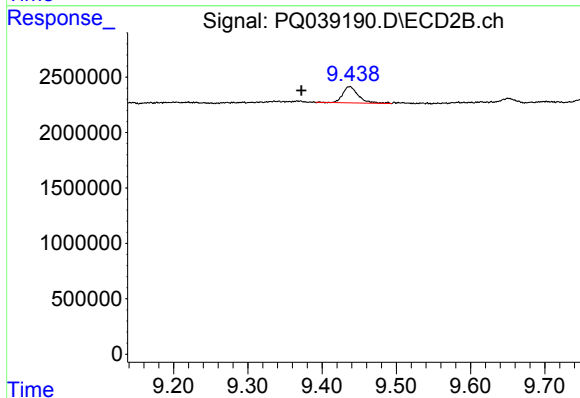
R.T.: 9.437 min
Delta R.T.: -0.002 min
Response: 2138084
Conc: 5.76 ng/ml



#41 AR-1268-1

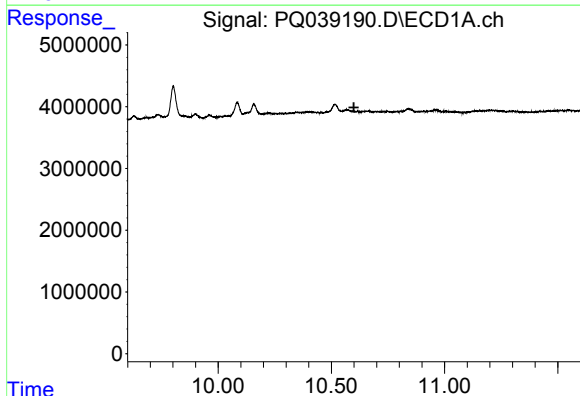
R.T.: 0.000 min
Exp R.T.: 10.496 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



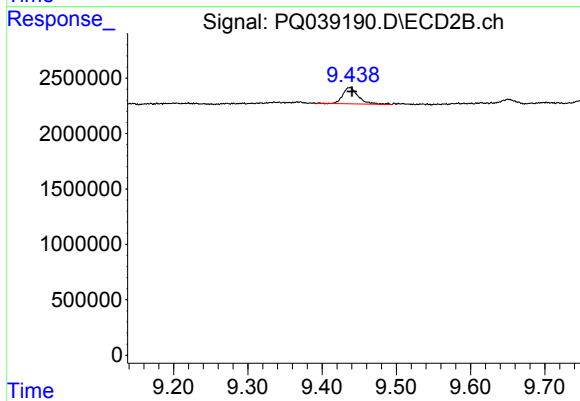
#41 AR-1268-1

R.T.: 9.437 min
Delta R.T.: 0.065 min
Response: 2138084
Conc: 3.72 ng/ml



#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 10.599 min
Response: 0
Conc: N.D.



#42 AR-1268-2

R.T.: 9.437 min
Delta R.T.: -0.003 min
Response: 2138084
Conc: 3.97 ng/ml