

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072919\
 Data File : PQ041776.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2019 19:07
 Operator : SM\AJ
 Sample : K3850-12DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 00:59:00 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						
1) SA Tetrachlo...	0.000	4.757	0	5028062	N.D.	2.609 #
2) SA Decachlor...	12.097	10.512	23711496	19817889	2.812	4.097 #
Target Compounds						
3) L1 AR-1016-1	0.000	6.210	0	1828774	N.D.	17.623 #
4) L1 AR-1016-2	0.000	6.232	0	2511884	N.D.	17.533 #
5) L1 AR-1016-3	0.000	6.448	0	11454118	N.D.	153.598 #
6) L1 AR-1016-4	7.348	6.500	11197173	97726350	143.527	1575.970 #
7) L1 AR-1016-5	7.686	6.751	88680075	88671550	1128.099	1089.286
10) L2 AR-1221-3	0.000	5.354	0	34192787	N.D.	627.023 #
11) L3 AR-1232-1	0.000	5.354	0	34192787	N.D.	708.106 #
12) L3 AR-1232-2	0.000	6.232	0	2511884	N.D.	44.047 #
13) L3 AR-1232-3	0.000	6.448	0	11454118	N.D.	384.115 #
14) L3 AR-1232-4	7.348	6.547	11197173	61932539	349.076	2319.858 #
15) L3 AR-1232-5	7.457	6.751	98751726	88671550	4595.183	3023.635 #
16) L4 AR-1242-1	0.000	6.210	0	1828774	N.D.	22.346 #
17) L4 AR-1242-2	0.000	6.232	0	2511884	N.D.	22.241 #
18) L4 AR-1242-3	0.000	6.448	0	11454118	N.D.	193.899 #
19) L4 AR-1242-4	7.348	6.547	11197173	61932539	174.173	1044.441 #
20) L4 AR-1242-5	8.176	7.160	106.1E6	113.6E6	1195.255	1279.630
21) L5 AR-1248-1	0.000	6.210	0	1828774	N.D.	27.582 #
22) L5 AR-1248-2	7.457	6.500	98751726	97726350	1070.326	1120.873
23) L5 AR-1248-3	7.686	6.547	88680075	61932539	791.495	693.878
24) L5 AR-1248-4	8.133	6.751	23527964	88671550	150.475	805.070 #
25) L5 AR-1248-5	8.176	7.206	106.1E6	83172899	700.818	648.903
26) L6 AR-1254-1	8.103	7.160	93148930	113.6E6	669.584	621.287
27) L6 AR-1254-2	8.341	7.328	177.9E6	119.6E6	777.165	738.691
28) L6 AR-1254-3	8.734	7.776	222.8E6	254.7E6	814.773	883.062
29) L6 AR-1254-4	9.036	8.023	133.2E6	127.5E6	541.184	587.548
30) L6 AR-1254-5	9.474	8.470	133.1E6	134.4E6	491.592	446.751
31) L7 AR-1260-1	8.906	7.918	55603610	66196356	312.581	364.860
32) L7 AR-1260-2	9.176	8.120	80900636	70600103	320.684	287.769
33) L7 AR-1260-3	9.549	8.284	40335602	70496538	176.035	331.316 #
34) L7 AR-1260-4	9.787	8.782	93595297	33818793	366.548	167.180 #
35) L7 AR-1260-5	10.142	9.033	99328038	123.9E6	147.460	209.980 #
36) L8 AR-1262-1	9.609	8.565	22379897	34178608	145.612	238.237 #
37) L8 AR-1262-2	10.142	9.033	99328038	123.9E6	113.464	167.235 #
38) L8 AR-1262-3	10.496	9.328	78789875	21582539	124.077	68.219 #
39) L8 AR-1262-4	10.556	9.393	48686967	67300312	97.236	119.673
40) L8 AR-1262-5	11.286	9.917	30341297	27598805	74.529	96.633 #
41) L9 AR-1268-1	10.496	9.328	78789875	21582539	55.308	18.879 #
42) L9 AR-1268-2	10.556	9.393	48686967	67300312	36.914	65.559 #
43) L9 AR-1268-3	10.873	9.600	27895187	4295546	23.840	4.943 #

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 Acq On : 29 Jul 2019 19:07
 Operator : SM\AJ
 Sample : K3850-12DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 00:59:00 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
44) L9	AR-1268-4	11.286	9.917	30341297	27598805	55.732	71.747 #
45) L9	AR-1268-5	0.000	10.233	0	6335734	N.D.	2.439 #

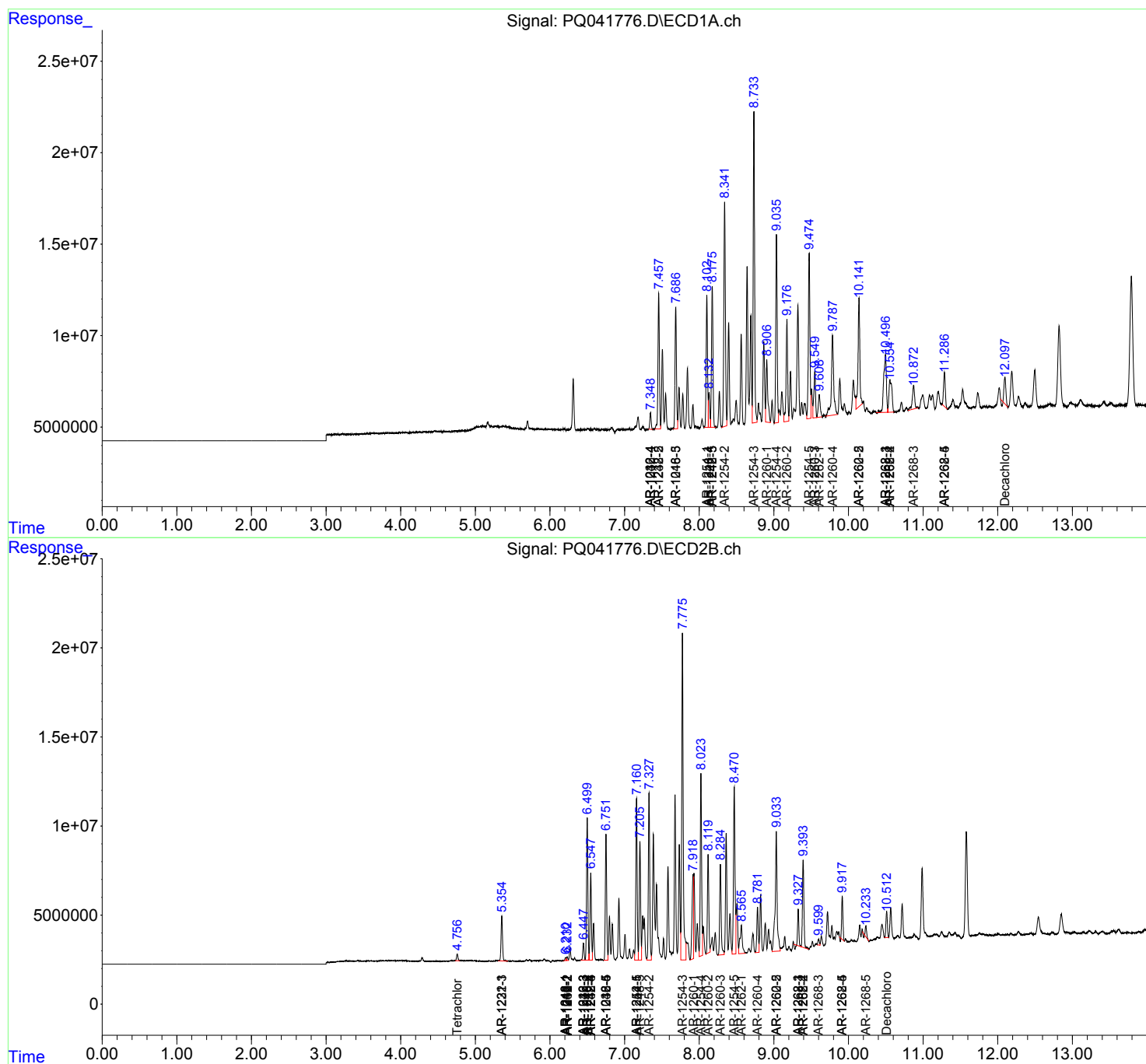
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

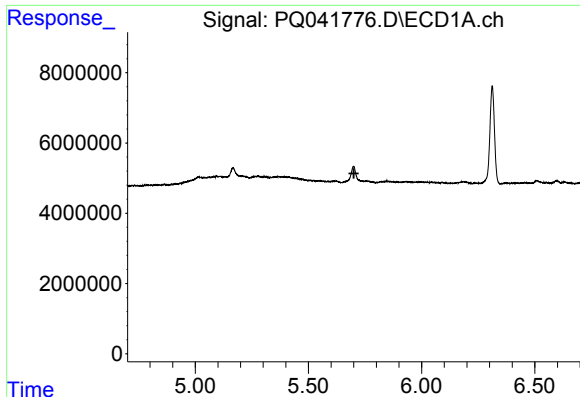
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072919\
Data File : PQ041776.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2019 19:07
Operator : SM\AJ
Sample : K3850-12DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 00:59:00 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

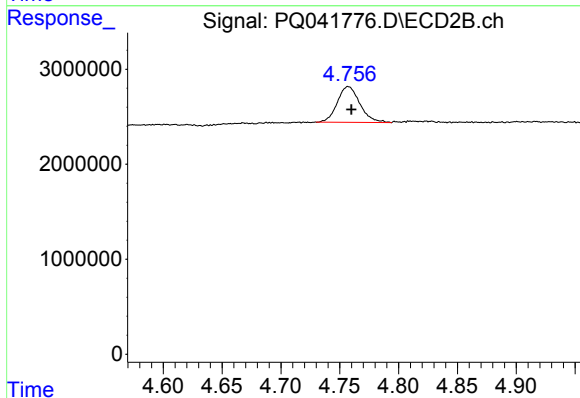




#1 Tetrachloro-m-xylene

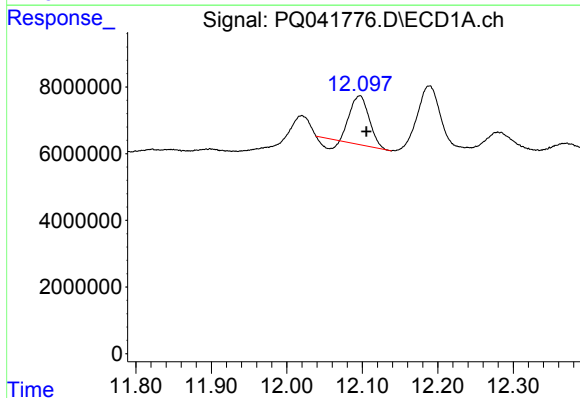
R.T.: 0.000 min
Exp R.T.: 5.701 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



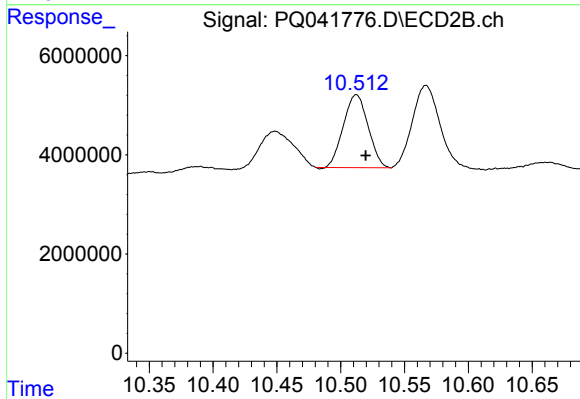
#1 Tetrachloro-m-xylene

R.T.: 4.757 min
Delta R.T.: -0.003 min
Response: 5028062
Conc: 2.61 ng/ml



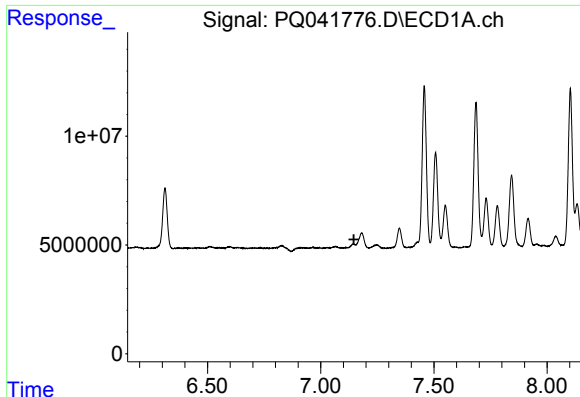
#2 Decachlorobiphenyl

R.T.: 12.097 min
Delta R.T.: -0.009 min
Response: 23711496
Conc: 2.81 ng/ml



#2 Decachlorobiphenyl

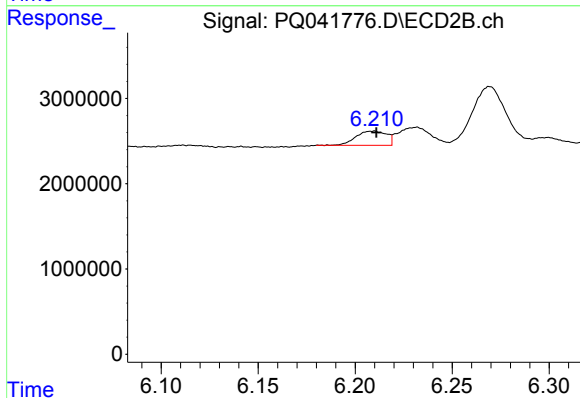
R.T.: 10.512 min
Delta R.T.: -0.008 min
Response: 19817889
Conc: 4.10 ng/ml



#3 AR-1016-1

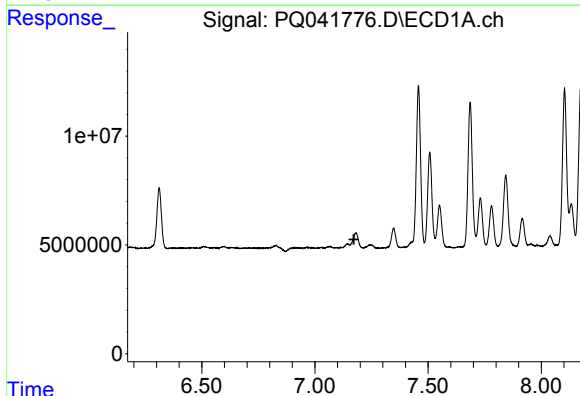
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



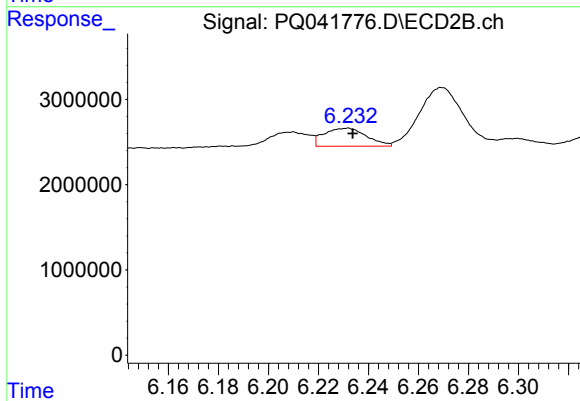
#3 AR-1016-1

R.T.: 6.210 min
Delta R.T.: -0.001 min
Response: 1828774
Conc: 17.62 ng/ml



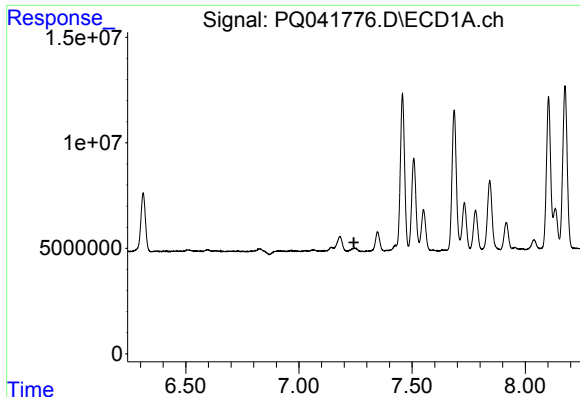
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 7.172 min
Response: 0
Conc: N.D.



#4 AR-1016-2

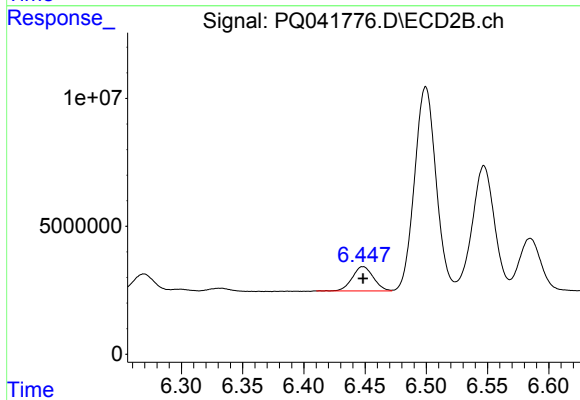
R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 2511884
Conc: 17.53 ng/ml



#5 AR-1016-3

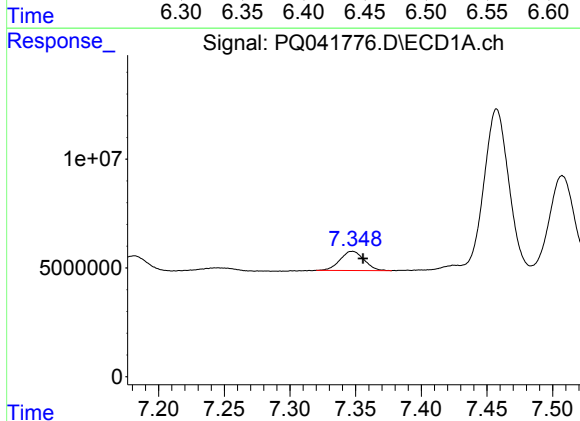
R.T.: 0.000 min
Exp R.T.: 7.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



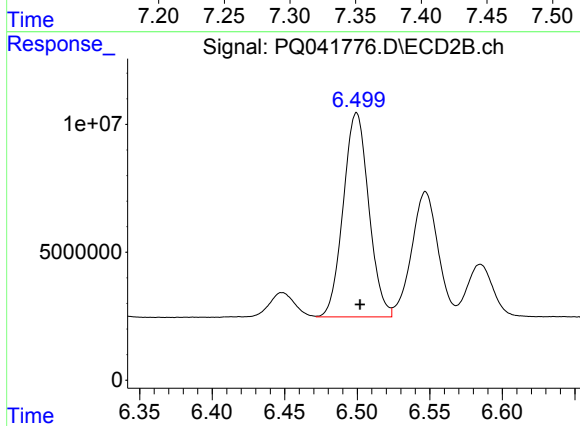
#5 AR-1016-3

R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 11454118
Conc: 153.60 ng/ml



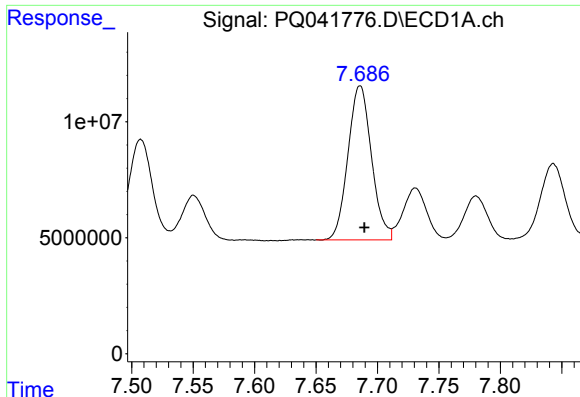
#6 AR-1016-4

R.T.: 7.348 min
Delta R.T.: -0.008 min
Response: 11197173
Conc: 143.53 ng/ml



#6 AR-1016-4

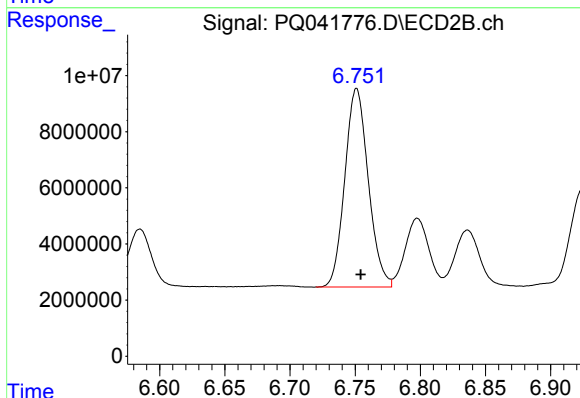
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 97726350
Conc: 1575.97 ng/ml



#7 AR-1016-5

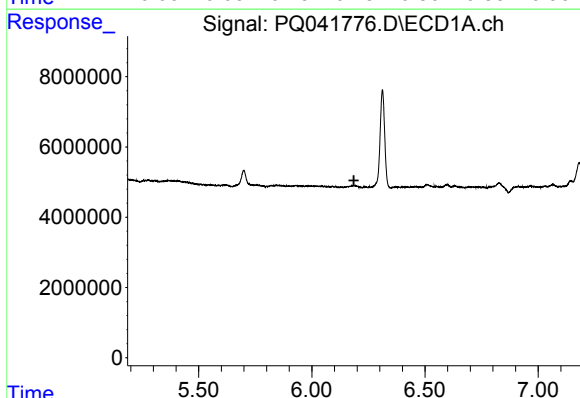
R.T.: 7.686 min
Delta R.T.: -0.003 min
Response: 88680075
Conc: 1128.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



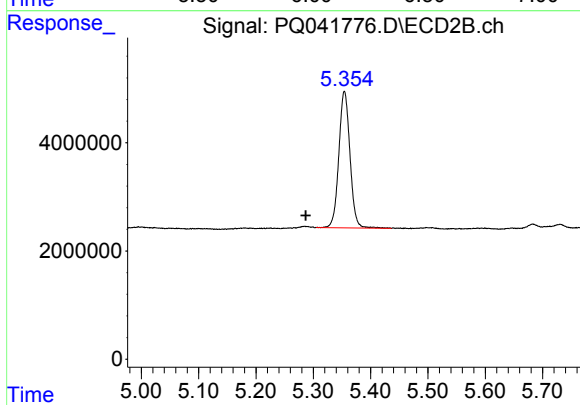
#7 AR-1016-5

R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 88671550
Conc: 1089.29 ng/ml



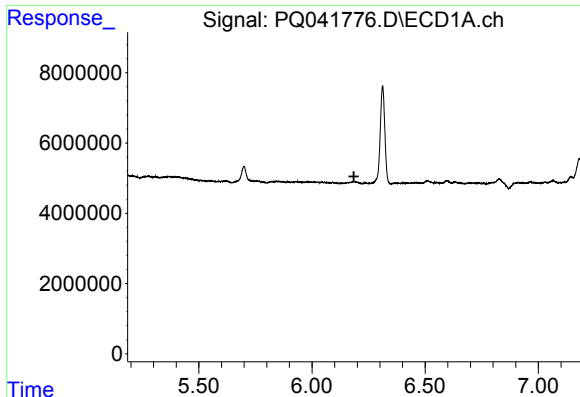
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.186 min
Response: 0
Conc: N.D.



#10 AR-1221-3

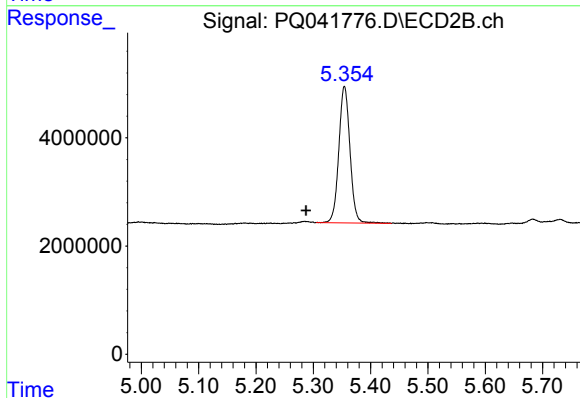
R.T.: 5.354 min
Delta R.T.: 0.067 min
Response: 34192787
Conc: 627.02 ng/ml



#11 AR-1232-1

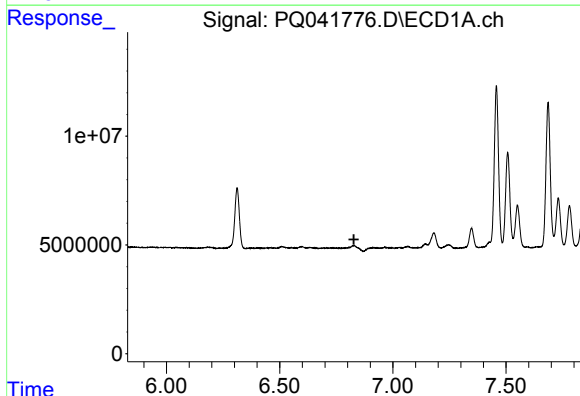
R.T.: 0.000 min
Exp R.T. : 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



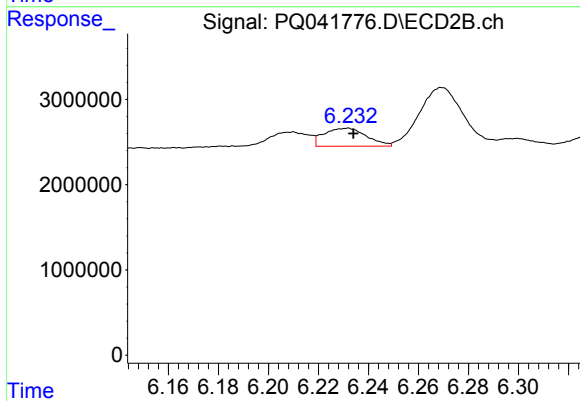
#11 AR-1232-1

R.T.: 5.354 min
Delta R.T.: 0.067 min
Response: 34192787
Conc: 708.11 ng/ml



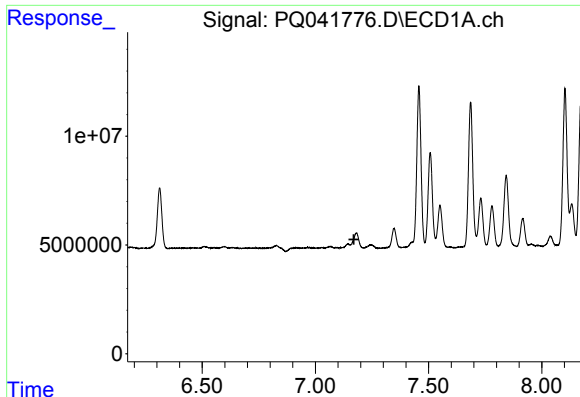
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.828 min
Response: 0
Conc: N.D.



#12 AR-1232-2

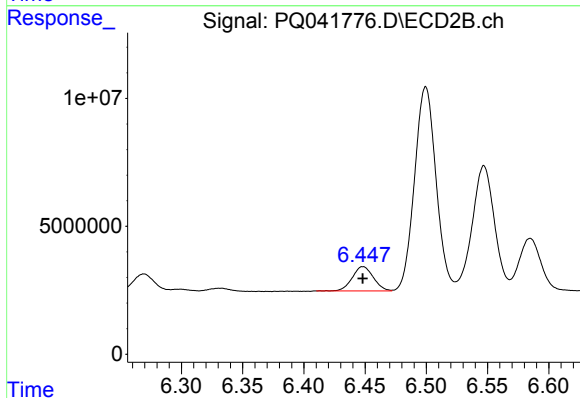
R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 2511884
Conc: 44.05 ng/ml



#13 AR-1232-3

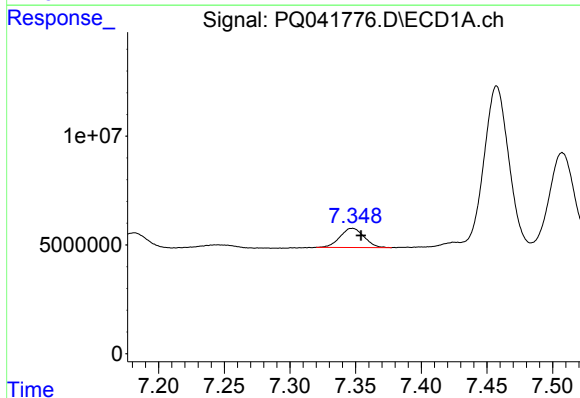
R.T.: 0.000 min
Exp R.T.: 7.170 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



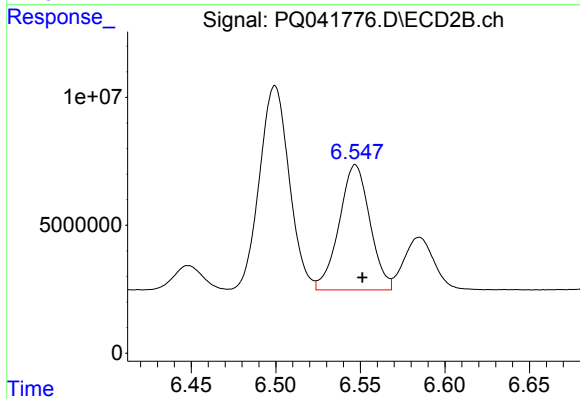
#13 AR-1232-3

R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 11454118
Conc: 384.11 ng/ml



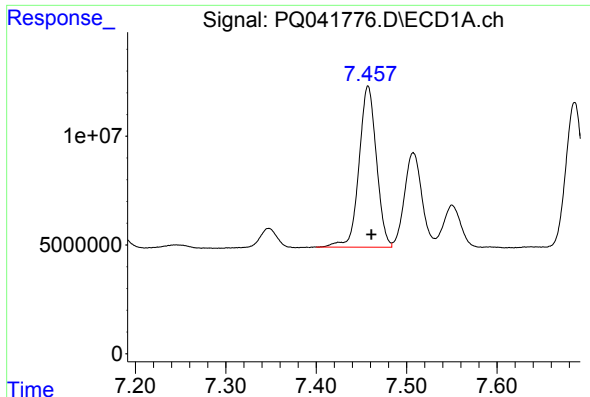
#14 AR-1232-4

R.T.: 7.348 min
Delta R.T.: -0.006 min
Response: 11197173
Conc: 349.08 ng/ml



#14 AR-1232-4

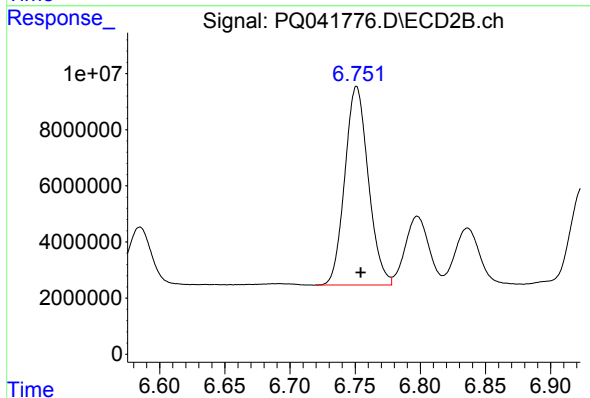
R.T.: 6.547 min
Delta R.T.: -0.004 min
Response: 61932539
Conc: 2319.86 ng/ml



#15 AR-1232-5

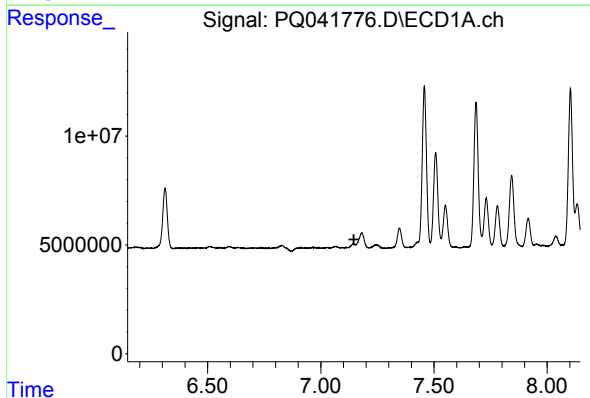
R.T.: 7.457 min
Delta R.T.: -0.004 min
Response: 98751726
Conc: 4595.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



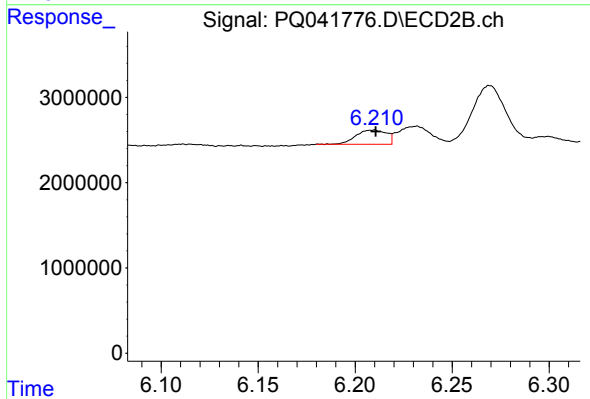
#15 AR-1232-5

R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 88671550
Conc: 3023.64 ng/ml



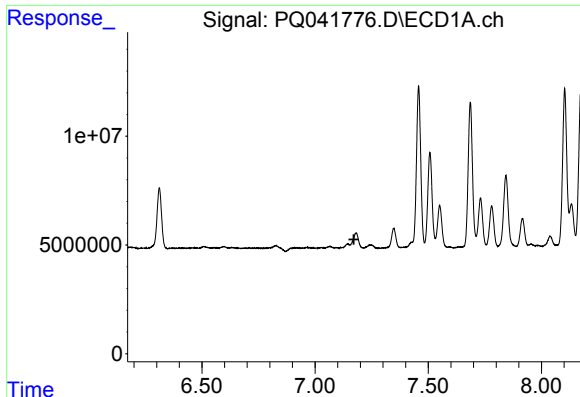
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 7.146 min
Response: 0
Conc: N.D.



#16 AR-1242-1

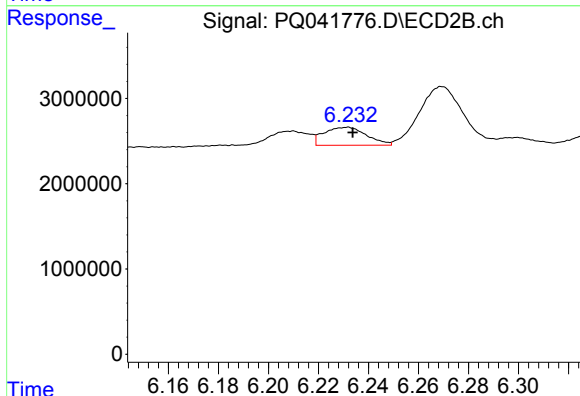
R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 1828774
Conc: 22.35 ng/ml



#17 AR-1242-2

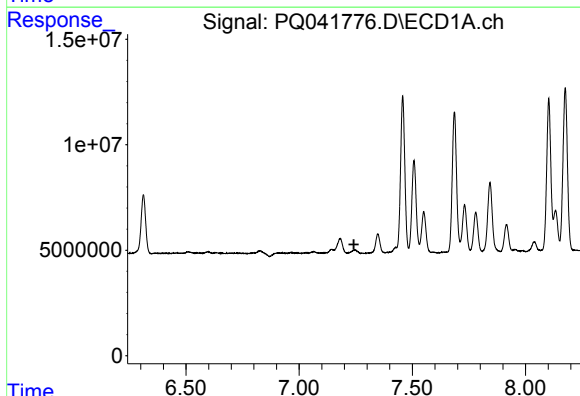
R.T.: 0.000 min
Exp R.T.: 7.171 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



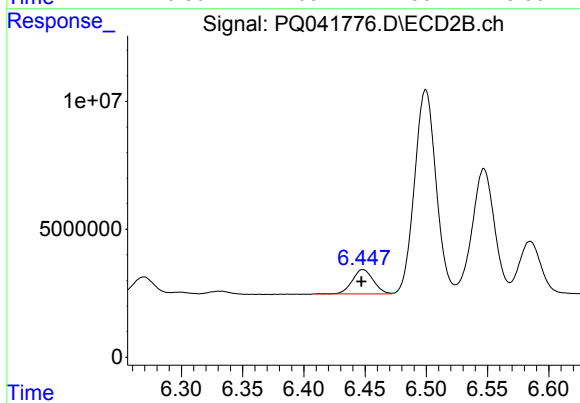
#17 AR-1242-2

R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 2511884
Conc: 22.24 ng/ml



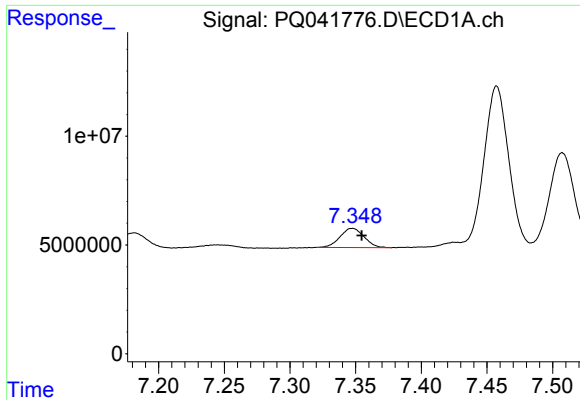
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 7.242 min
Response: 0
Conc: N.D.



#18 AR-1242-3

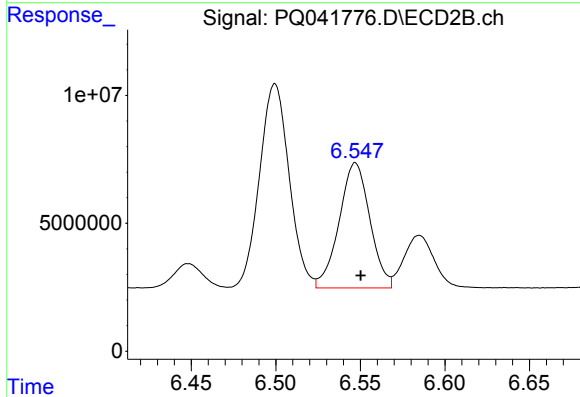
R.T.: 6.448 min
Delta R.T.: 0.001 min
Response: 11454118
Conc: 193.90 ng/ml



#19 AR-1242-4

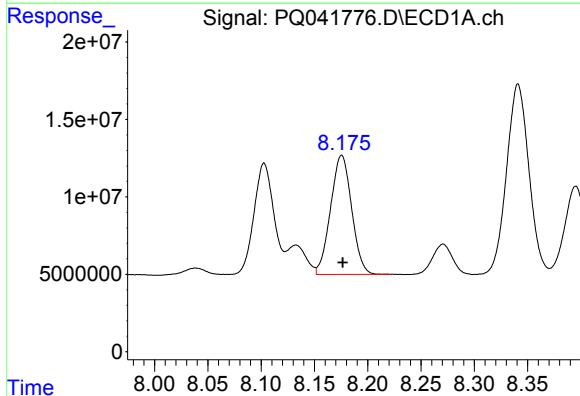
R.T.: 7.348 min
Delta R.T.: -0.007 min
Response: 11197173
Conc: 174.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



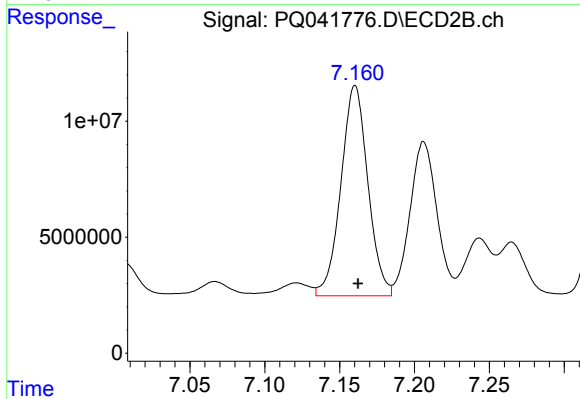
#19 AR-1242-4

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 61932539
Conc: 1044.44 ng/ml



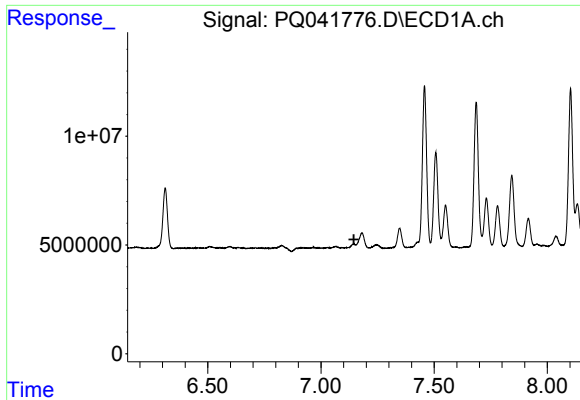
#20 AR-1242-5

R.T.: 8.176 min
Delta R.T.: -0.001 min
Response: 106050017
Conc: 1195.26 ng/ml



#20 AR-1242-5

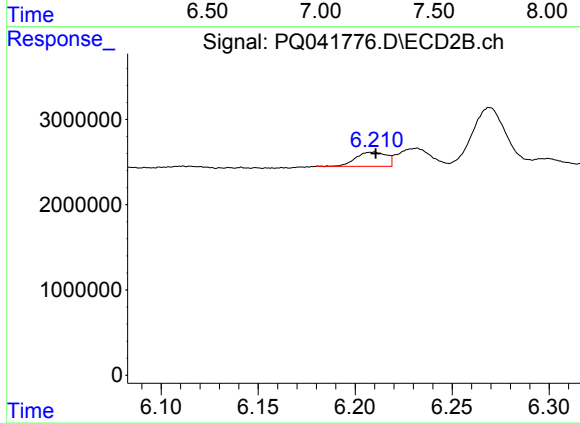
R.T.: 7.160 min
Delta R.T.: -0.002 min
Response: 113623805
Conc: 1279.63 ng/ml



#21 AR-1248-1

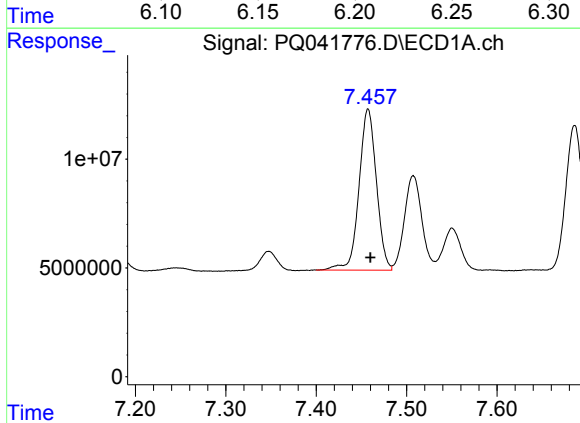
R.T.: 0.000 min
Exp R.T.: 7.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



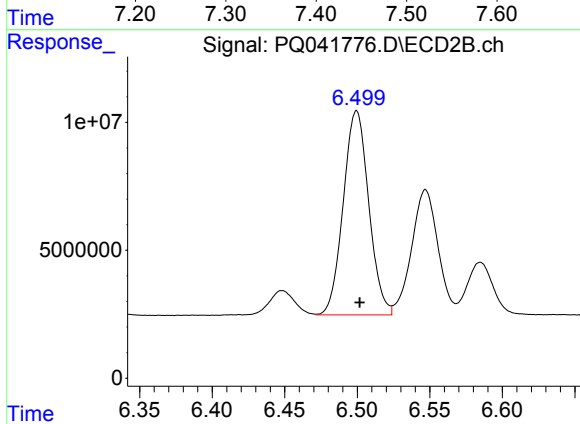
#21 AR-1248-1

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 1828774
Conc: 27.58 ng/ml



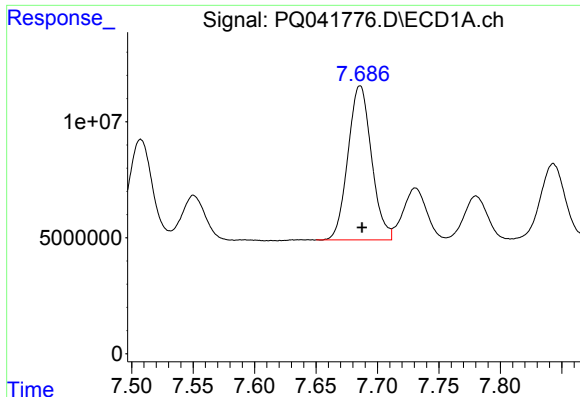
#22 AR-1248-2

R.T.: 7.457 min
Delta R.T.: -0.002 min
Response: 98751726
Conc: 1070.33 ng/ml



#22 AR-1248-2

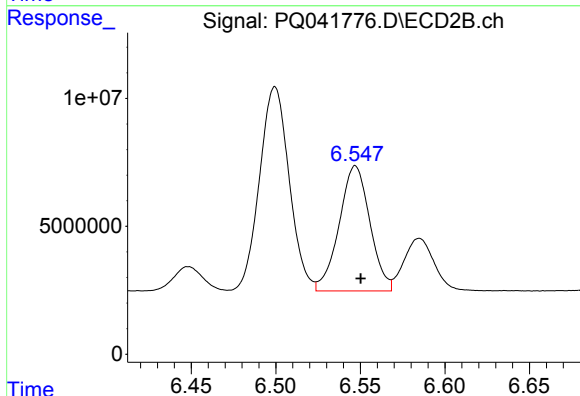
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 97726350
Conc: 1120.87 ng/ml



#23 AR-1248-3

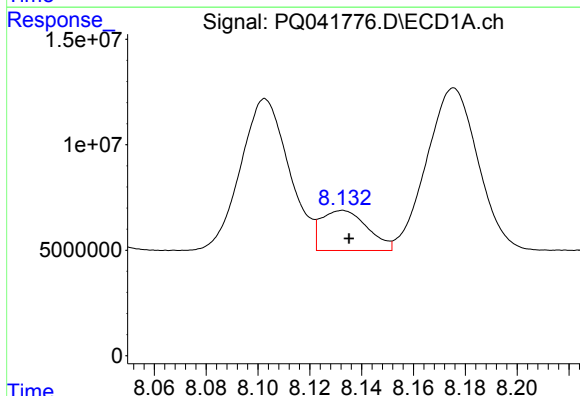
R.T.: 7.686 min
Delta R.T.: -0.002 min
Response: 88680075
Conc: 791.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



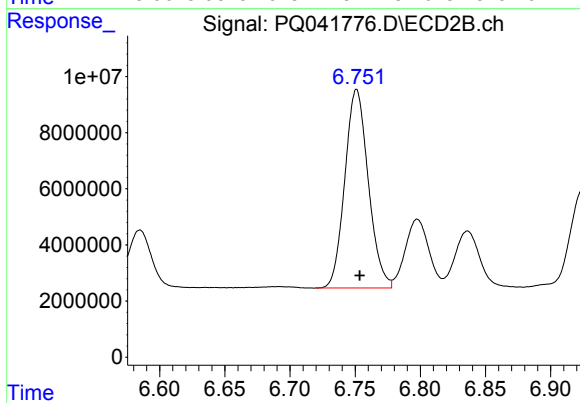
#23 AR-1248-3

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 61932539
Conc: 693.88 ng/ml



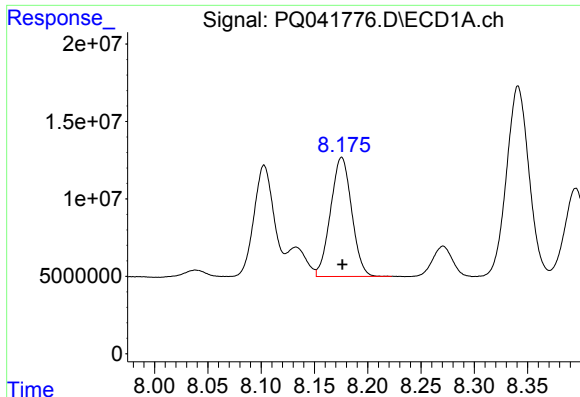
#24 AR-1248-4

R.T.: 8.133 min
Delta R.T.: -0.002 min
Response: 23527964
Conc: 150.47 ng/ml



#24 AR-1248-4

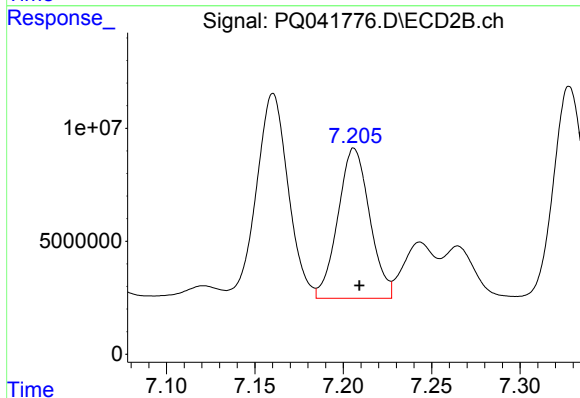
R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 88671550
Conc: 805.07 ng/ml



#25 AR-1248-5

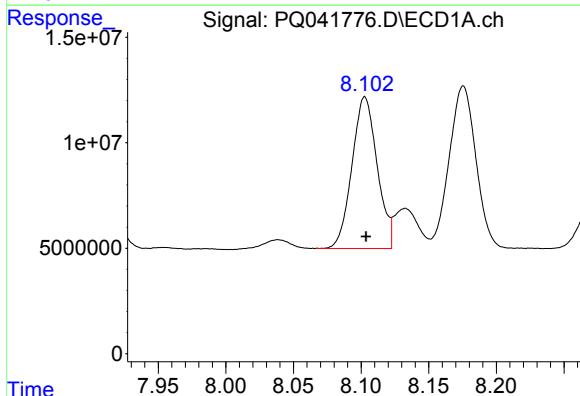
R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 106050017
Conc: 700.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



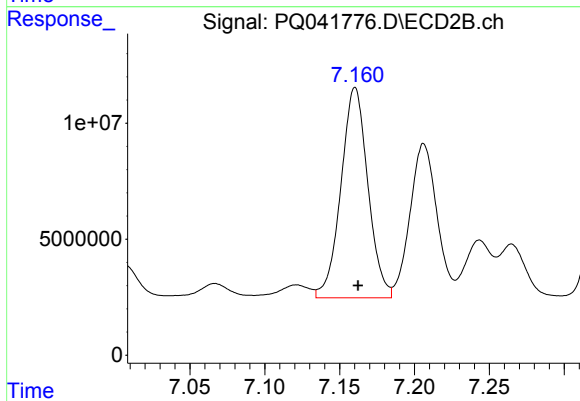
#25 AR-1248-5

R.T.: 7.206 min
Delta R.T.: -0.003 min
Response: 83172899
Conc: 648.90 ng/ml



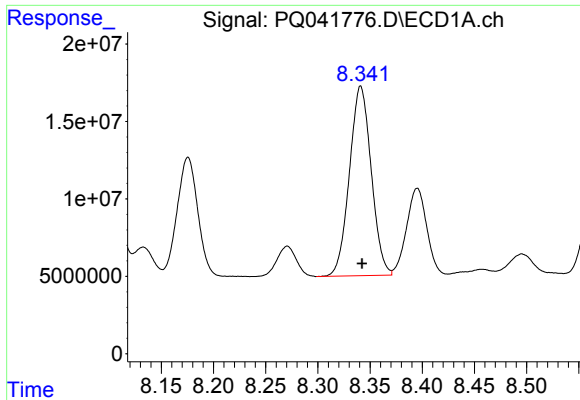
#26 AR-1254-1

R.T.: 8.103 min
Delta R.T.: -0.001 min
Response: 93148930
Conc: 669.58 ng/ml



#26 AR-1254-1

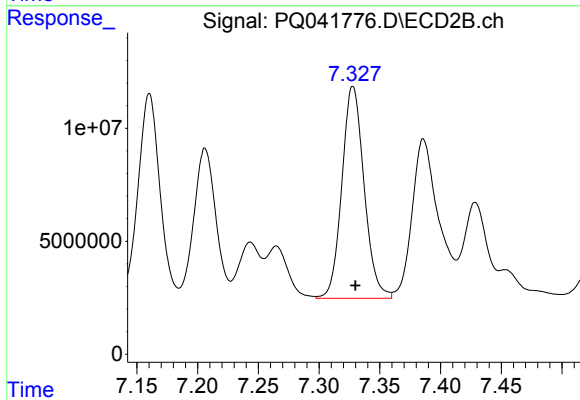
R.T.: 7.160 min
Delta R.T.: -0.002 min
Response: 113623805
Conc: 621.29 ng/ml



#27 AR-1254-2

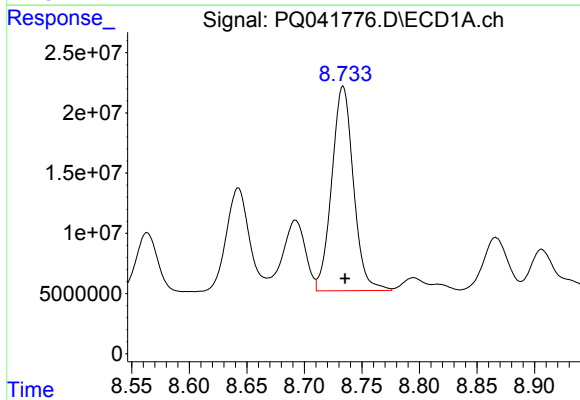
R.T.: 8.341 min
Delta R.T.: -0.001 min
Response: 177879850
Conc: 777.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



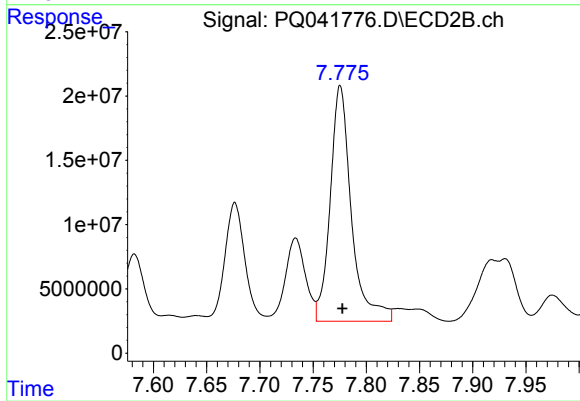
#27 AR-1254-2

R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 119572899
Conc: 738.69 ng/ml



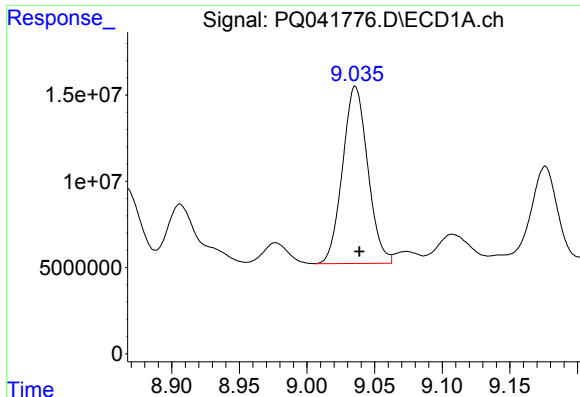
#28 AR-1254-3

R.T.: 8.734 min
Delta R.T.: -0.002 min
Response: 222780650
Conc: 814.77 ng/ml



#28 AR-1254-3

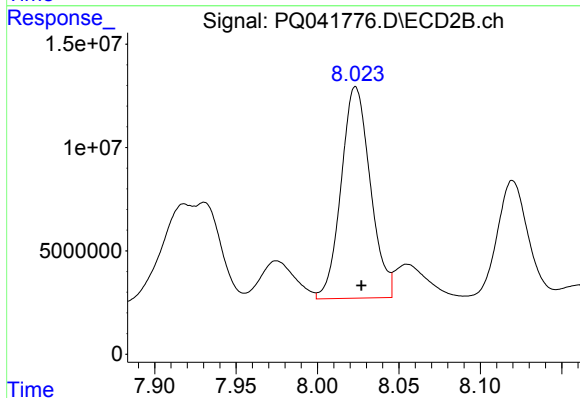
R.T.: 7.776 min
Delta R.T.: -0.002 min
Response: 254681219
Conc: 883.06 ng/ml



#29 AR-1254-4

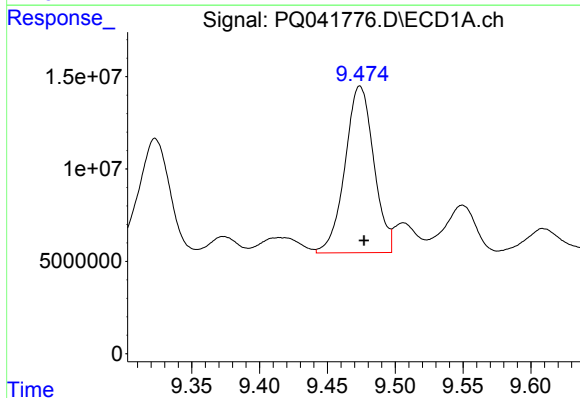
R.T.: 9.036 min
Delta R.T.: -0.003 min
Response: 133225998
Conc: 541.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



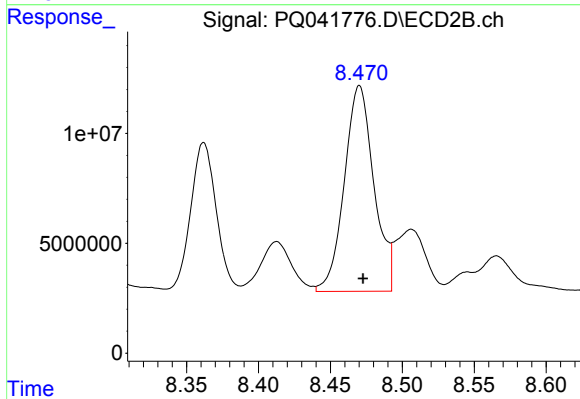
#29 AR-1254-4

R.T.: 8.023 min
Delta R.T.: -0.003 min
Response: 127540564
Conc: 587.55 ng/ml



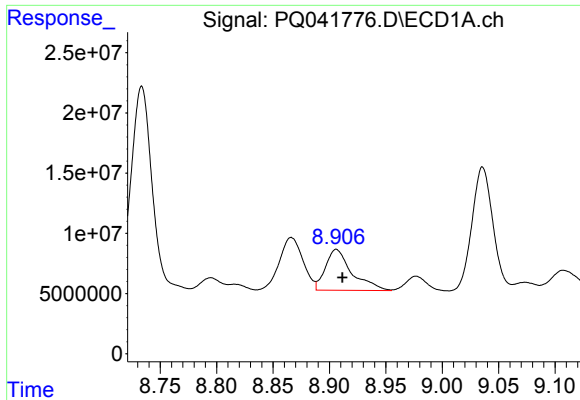
#30 AR-1254-5

R.T.: 9.474 min
Delta R.T.: -0.003 min
Response: 133145368
Conc: 491.59 ng/ml



#30 AR-1254-5

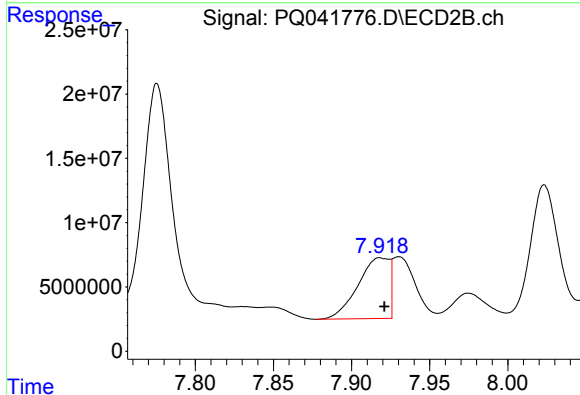
R.T.: 8.470 min
Delta R.T.: -0.002 min
Response: 134368605
Conc: 446.75 ng/ml



#31 AR-1260-1

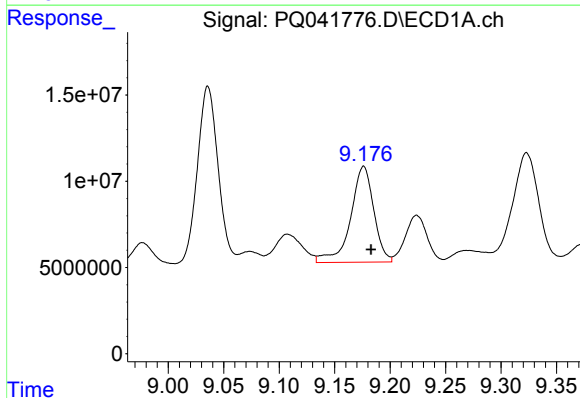
R.T.: 8.906 min
Delta R.T.: -0.005 min
Response: 55603610
Conc: 312.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



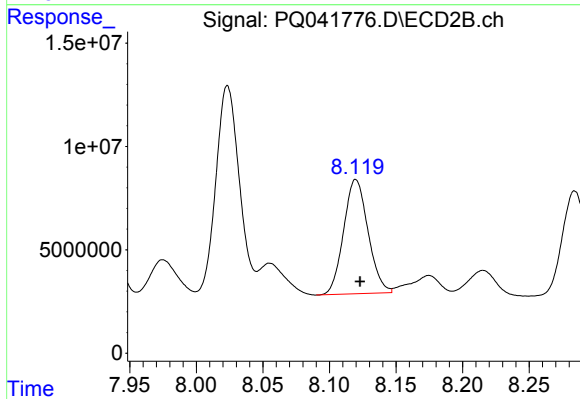
#31 AR-1260-1

R.T.: 7.918 min
Delta R.T.: -0.003 min
Response: 66196356
Conc: 364.86 ng/ml



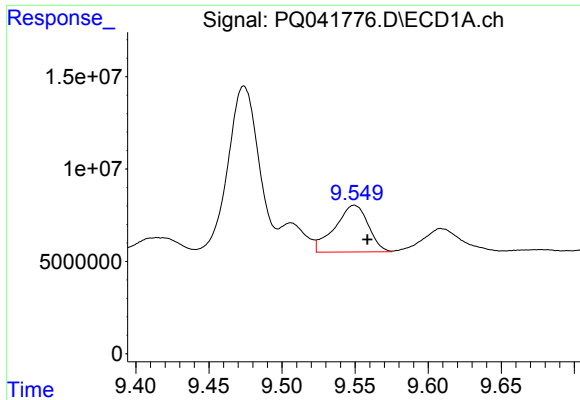
#32 AR-1260-2

R.T.: 9.176 min
Delta R.T.: -0.007 min
Response: 80900636
Conc: 320.68 ng/ml



#32 AR-1260-2

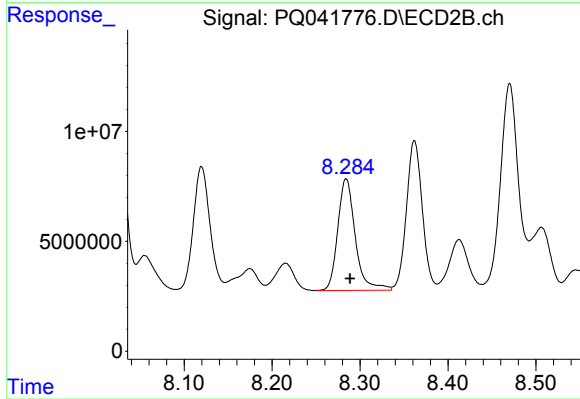
R.T.: 8.120 min
Delta R.T.: -0.003 min
Response: 70600103
Conc: 287.77 ng/ml



#33 AR-1260-3

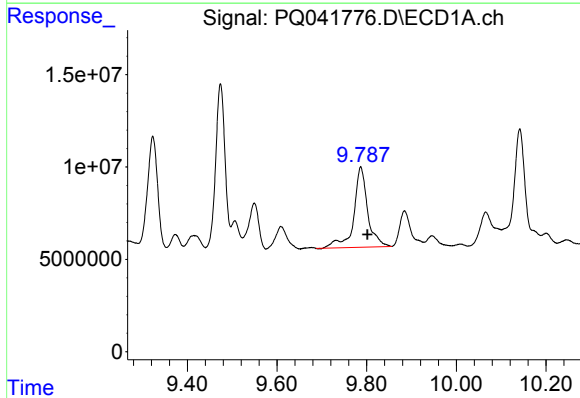
R.T.: 9.549 min
Delta R.T.: -0.009 min
Response: 40335602
Conc: 176.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



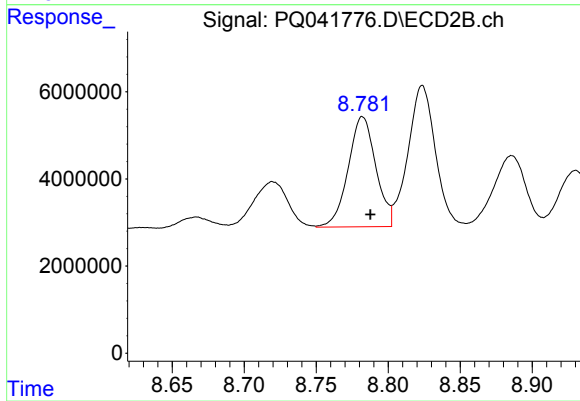
#33 AR-1260-3

R.T.: 8.284 min
Delta R.T.: -0.005 min
Response: 70496538
Conc: 331.32 ng/ml



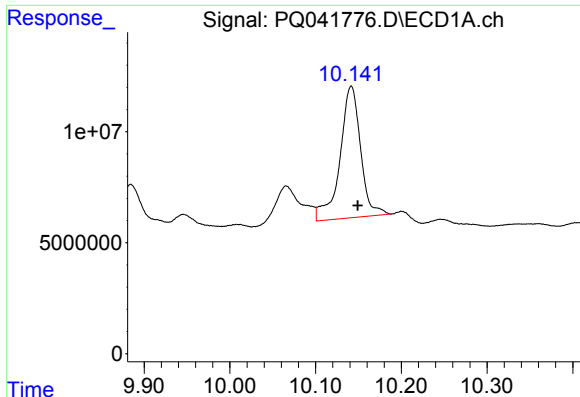
#34 AR-1260-4

R.T.: 9.787 min
Delta R.T.: -0.015 min
Response: 93595297
Conc: 366.55 ng/ml



#34 AR-1260-4

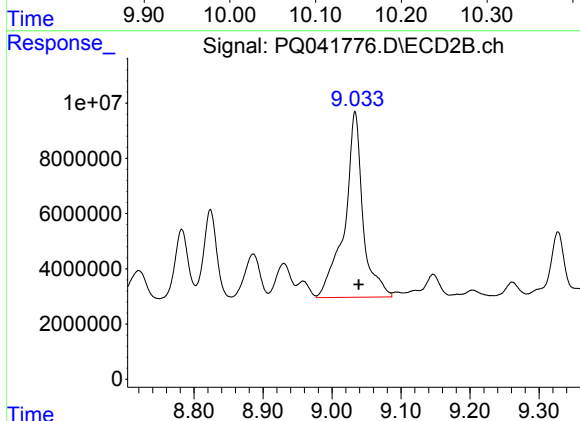
R.T.: 8.782 min
Delta R.T.: -0.006 min
Response: 33818793
Conc: 167.18 ng/ml



#35 AR-1260-5

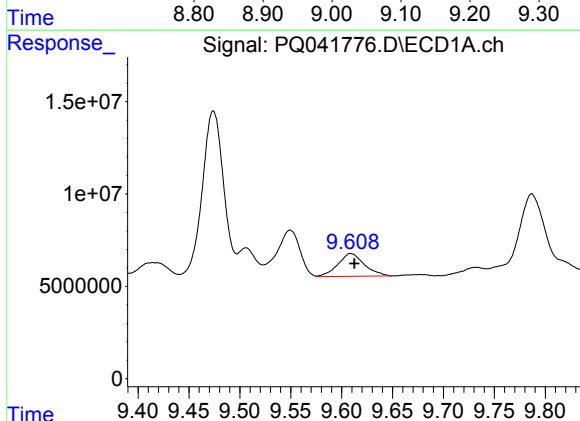
R.T.: 10.142 min
Delta R.T.: -0.008 min
Response: 99328038
Conc: 147.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



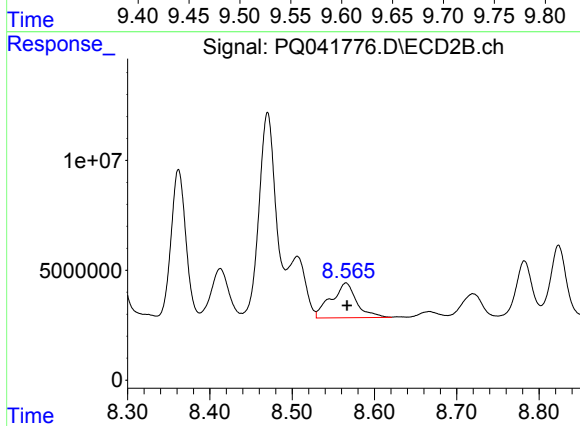
#35 AR-1260-5

R.T.: 9.033 min
Delta R.T.: -0.005 min
Response: 123930367
Conc: 209.98 ng/ml



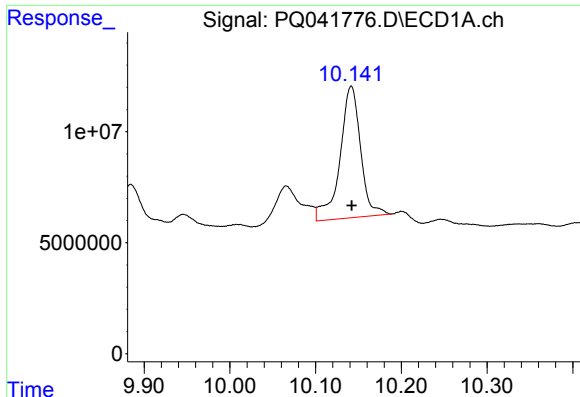
#36 AR-1262-1

R.T.: 9.609 min
Delta R.T.: -0.004 min
Response: 22379897
Conc: 145.61 ng/ml



#36 AR-1262-1

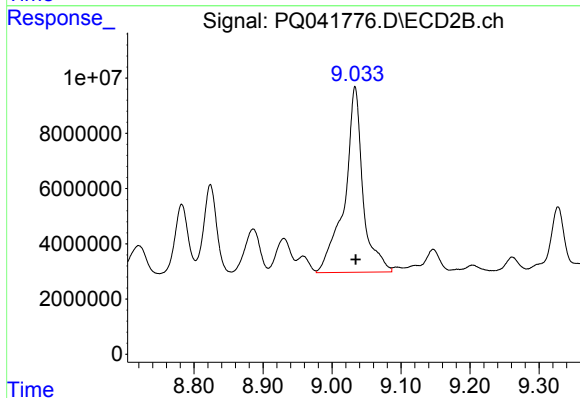
R.T.: 8.565 min
Delta R.T.: -0.001 min
Response: 34178608
Conc: 238.24 ng/ml



#37 AR-1262-2

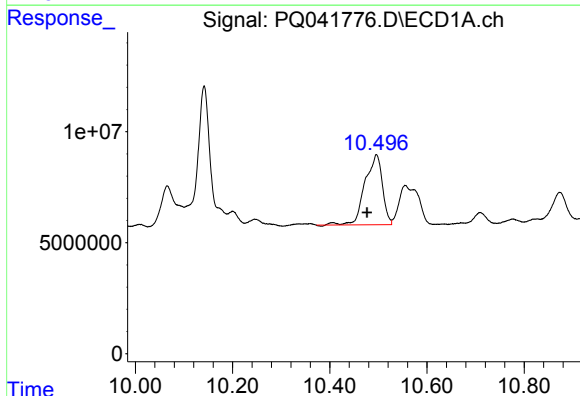
R.T.: 10.142 min
Delta R.T.: 0.000 min
Response: 99328038
Conc: 113.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



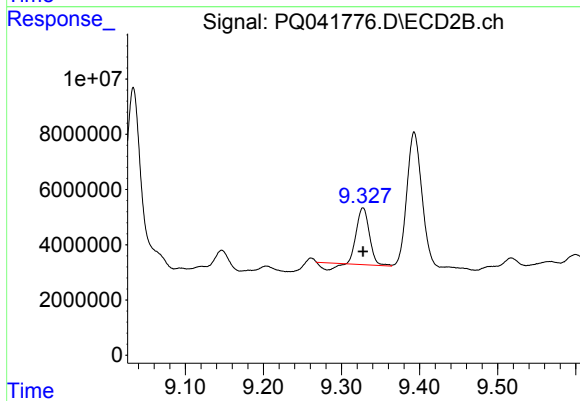
#37 AR-1262-2

R.T.: 9.033 min
Delta R.T.: 0.000 min
Response: 123930367
Conc: 167.24 ng/ml



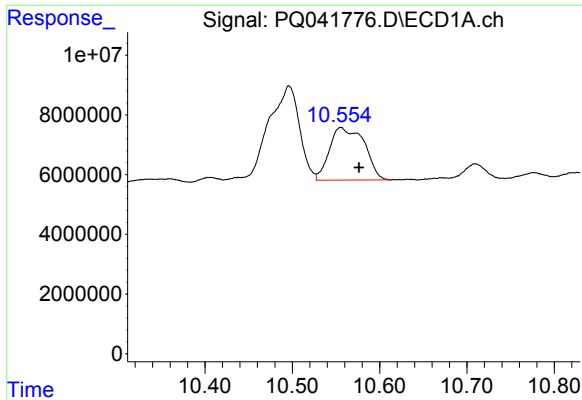
#38 AR-1262-3

R.T.: 10.496 min
Delta R.T.: 0.020 min
Response: 78789875
Conc: 124.08 ng/ml



#38 AR-1262-3

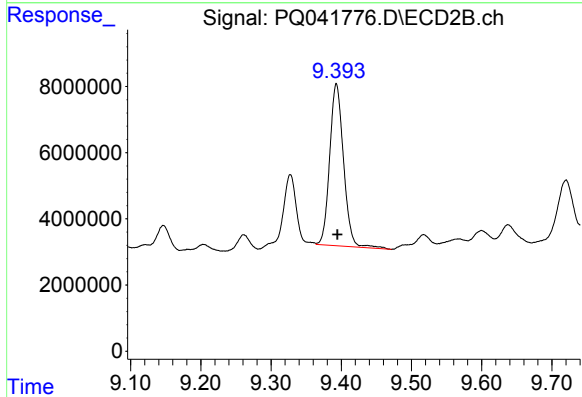
R.T.: 9.328 min
Delta R.T.: 0.000 min
Response: 21582539
Conc: 68.22 ng/ml



#39 AR-1262-4

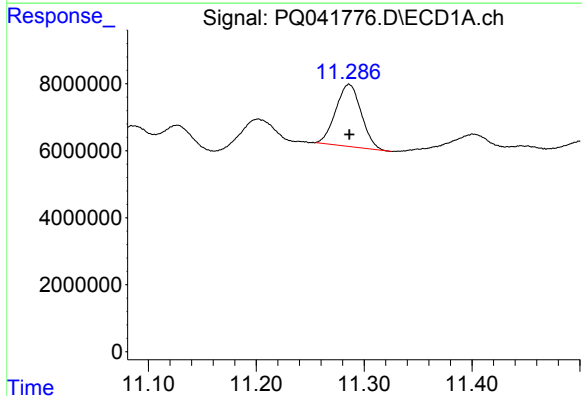
R.T.: 10.556 min
Delta R.T.: -0.021 min
Response: 48686967
Conc: 97.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



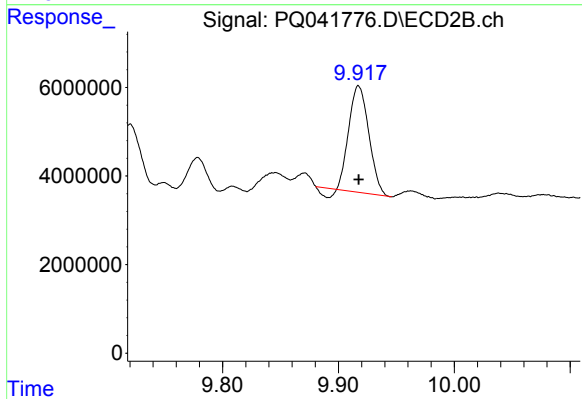
#39 AR-1262-4

R.T.: 9.393 min
Delta R.T.: -0.001 min
Response: 67300312
Conc: 119.67 ng/ml



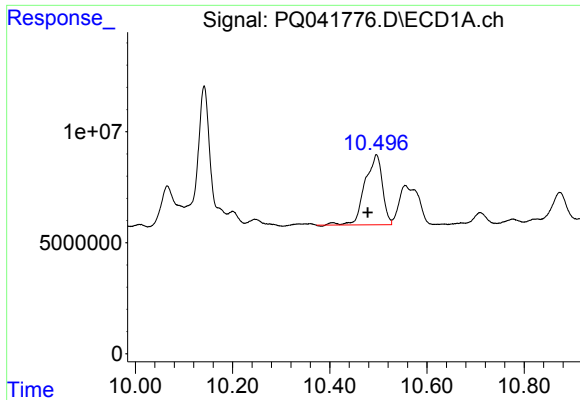
#40 AR-1262-5

R.T.: 11.286 min
Delta R.T.: 0.000 min
Response: 30341297
Conc: 74.53 ng/ml



#40 AR-1262-5

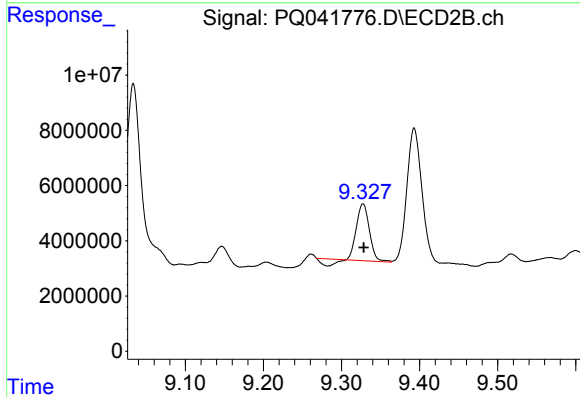
R.T.: 9.917 min
Delta R.T.: 0.000 min
Response: 27598805
Conc: 96.63 ng/ml



#41 AR-1268-1

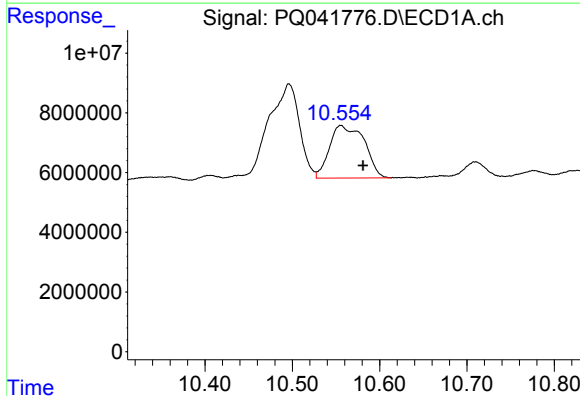
R.T.: 10.496 min
Delta R.T.: 0.018 min
Response: 78789875
Conc: 55.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



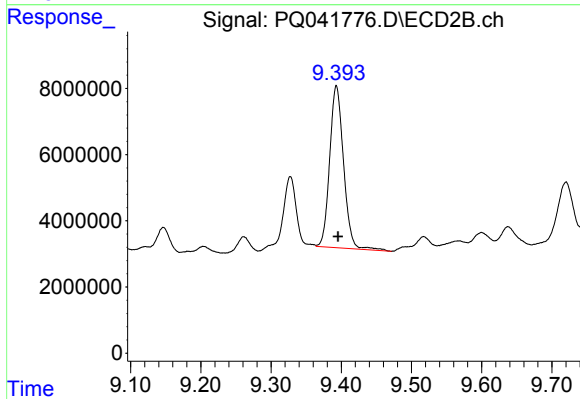
#41 AR-1268-1

R.T.: 9.328 min
Delta R.T.: -0.001 min
Response: 21582539
Conc: 18.88 ng/ml



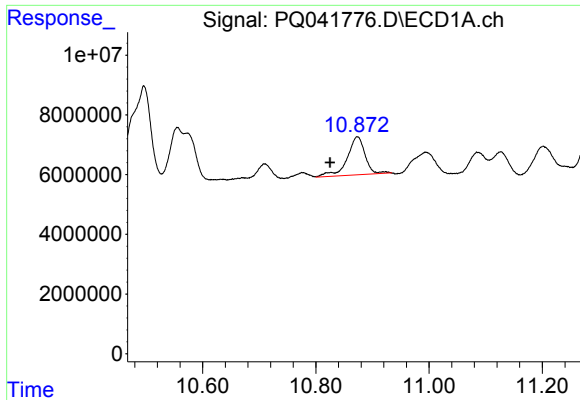
#42 AR-1268-2

R.T.: 10.556 min
Delta R.T.: -0.026 min
Response: 48686967
Conc: 36.91 ng/ml



#42 AR-1268-2

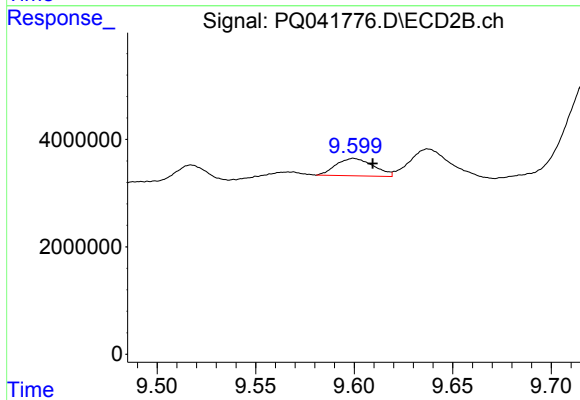
R.T.: 9.393 min
Delta R.T.: -0.003 min
Response: 67300312
Conc: 65.56 ng/ml



#43 AR-1268-3

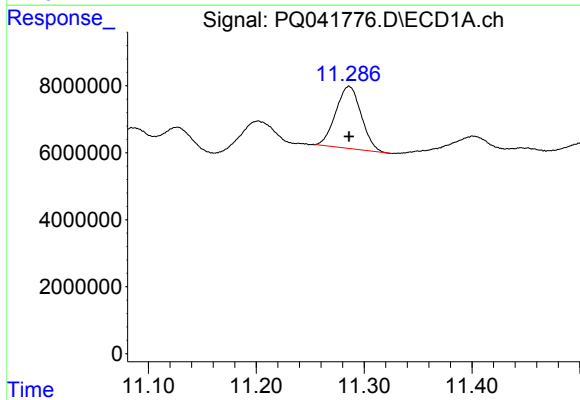
R.T.: 10.873 min
Delta R.T.: 0.048 min
Response: 27895187
Conc: 23.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



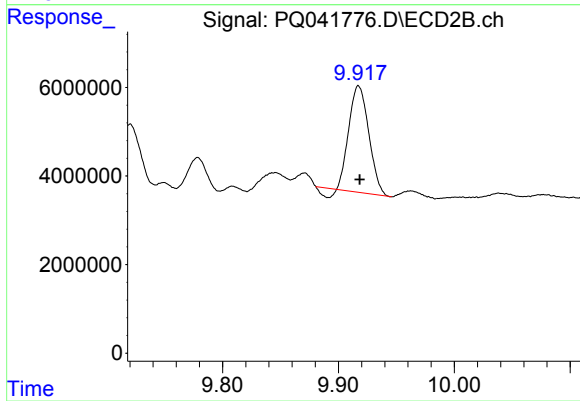
#43 AR-1268-3

R.T.: 9.600 min
Delta R.T.: -0.010 min
Response: 4295546
Conc: 4.94 ng/ml



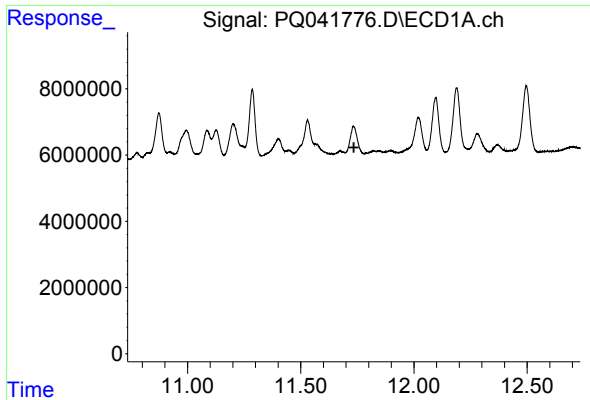
#44 AR-1268-4

R.T.: 11.286 min
Delta R.T.: 0.000 min
Response: 30341297
Conc: 55.73 ng/ml



#44 AR-1268-4

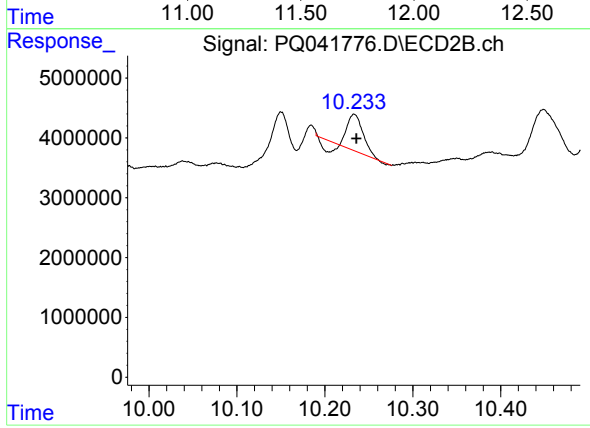
R.T.: 9.917 min
Delta R.T.: -0.001 min
Response: 27598805
Conc: 71.75 ng/ml



#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.: 10.233 min
Delta R.T.: -0.003 min
Response: 6335734
Conc: 2.44 ng/ml