

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
 Data File : PQ041821.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2019 17:37
 Operator : SM\AJ
 Sample : K3020-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 01:07:37 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...	5.696	4.754	39991945	34302713	17.438	17.799
2)	SA Decachlor...	12.101	10.515	148.4E6	97283310	17.606	20.111
Target Compounds							
3)	L1 AR-1016-1	7.143	6.209	11343524	11316799	104.951	109.057
4)	L1 AR-1016-2	7.169	6.231	16819725	21849018	107.455	152.503 #
5)	L1 AR-1016-3	0.000	6.441	0	10014085	N.D.	134.287 #
6)	L1 AR-1016-4	0.000	6.500	0	16739059	N.D.	269.940 #
7)	L1 AR-1016-5	7.663	6.758	-6362607	28483128	N.D.	349.901 #
10)	L2 AR-1221-3	0.000	5.283	0	3085494	N.D.	56.581 #
11)	L3 AR-1232-1	0.000	5.283	0	3085494	N.D.	63.898 #
12)	L3 AR-1232-2	0.000	6.231	0	21849018	N.D.	383.129 #
13)	L3 AR-1232-3	7.169	6.441	16819725	10014085	251.930	335.823 #
14)	L3 AR-1232-4	0.000	6.548	0	17481908	N.D.	654.834 #
15)	L3 AR-1232-5	7.458	6.758	27926965	28483128	1299.517	971.254 #
16)	L4 AR-1242-1	7.143	6.209	11343524	11316799	126.815	138.280
17)	L4 AR-1242-2	7.169	6.231	16819725	21849018	130.800	193.461 #
18)	L4 AR-1242-3	0.000	6.441	0	10014085	N.D.	169.521 #
19)	L4 AR-1242-4	0.000	6.548	0	17481908	N.D.	294.818 #
20)	L4 AR-1242-5	8.141	7.155	319.7E6	126.8E6	3602.957	1428.317 #
21)	L5 AR-1248-1	7.143	6.209	11343524	11316799	153.009	170.681
22)	L5 AR-1248-2	7.458	6.500	27926965	16739059	302.688	191.989 #
23)	L5 AR-1248-3	7.663	6.548	-6362607	17481908	N.D.	195.863 #
24)	L5 AR-1248-4	8.141	6.758	319.7E6	28483128	2044.506	258.605 #
25)	L5 AR-1248-5	8.141	7.209	319.7E6	36337863	2112.533	283.503 #
26)	L6 AR-1254-1	8.084	7.155	31450994	126.8E6	226.080	693.477 #
27)	L6 AR-1254-2	8.351	7.328	81060640	25466608	354.158	157.326 #
28)	L6 AR-1254-3	8.739	7.776	62362979	44222688	228.079	153.334 #
29)	L6 AR-1254-4	9.039	8.025	25478001	31528016	103.496	145.242 #
30)	L6 AR-1254-5	9.478	8.470	21396094	20772309	78.997	69.064
31)	L7 AR-1260-1	0.000	7.920	0	22719980	N.D.	125.227 #
32)	L7 AR-1260-2	9.178	8.120	47254440	10414103	187.313	42.448 #
33)	L7 AR-1260-3	0.000	8.286	0	9770455	N.D.	45.919 #
34)	L7 AR-1260-4	0.000	8.784	0	6379956	N.D.	31.539 #
35)	L7 AR-1260-5	0.000	9.035	0	19025237	N.D.	32.235 #
36)	L8 AR-1262-1	0.000	8.585	0	14031449	N.D.	97.804 #
37)	L8 AR-1262-2	0.000	9.035	0	19025237	N.D.	25.673 #
38)	L8 AR-1262-3	0.000	9.330	0	5855888	N.D.	18.510 #
39)	L8 AR-1262-4	0.000	9.396	0	10511715	N.D.	18.692 #
40)	L8 AR-1262-5	0.000	9.920	0	4259584	N.D.	14.914 #
41)	L9 AR-1268-1	0.000	9.330	0	5855888	N.D.	5.122 #
42)	L9 AR-1268-2	0.000	9.396	0	10511715	N.D.	10.240 #
43)	L9 AR-1268-3	0.000	9.610	0	7842225	N.D.	9.025 #

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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	0.000	9.920	0	4259584	N.D.	11.073 #
45) L9	AR-1268-5	11.735	10.238	23362628	16627961	5.764	6.402

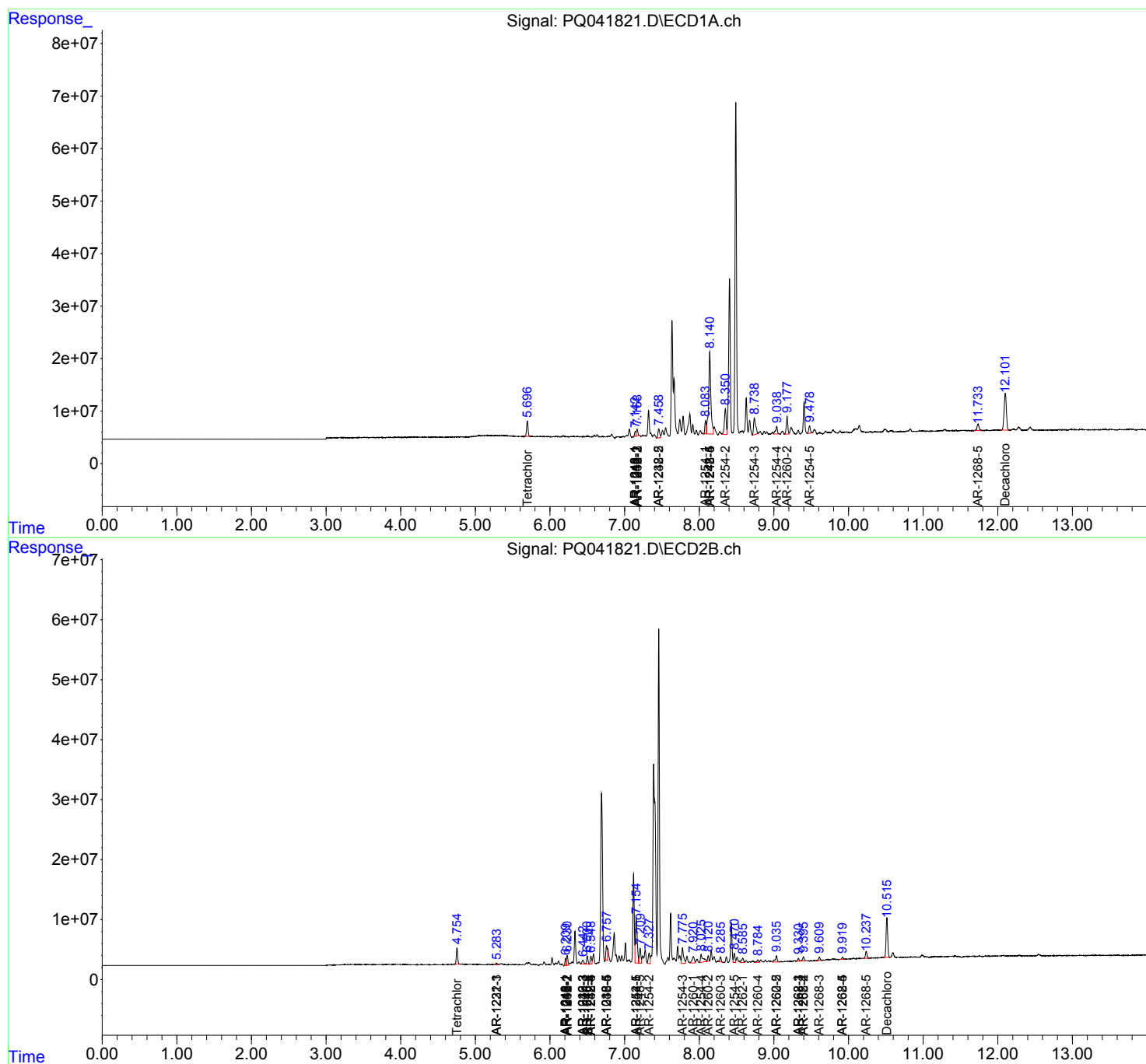
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

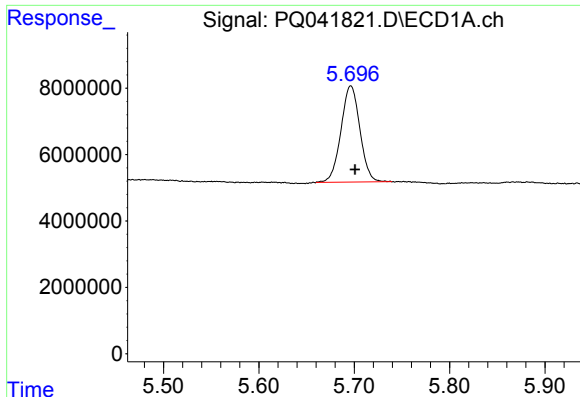
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
Data File : PQ041821.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2019 17:37
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ECD_Q
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:07:37 2019
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Volume Inj. : 1 µl
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

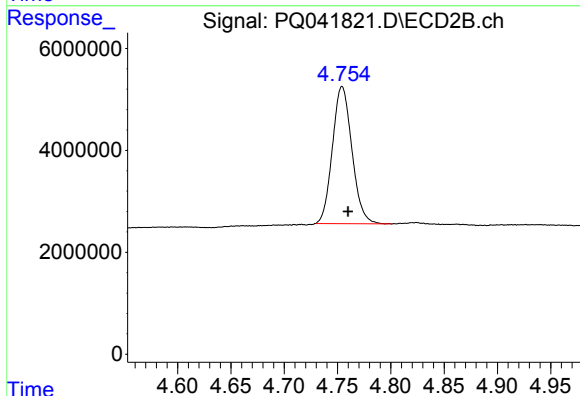




#1 Tetrachloro-m-xylene

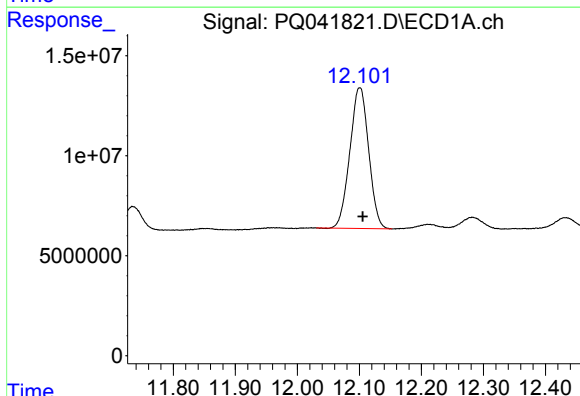
R.T.: 5.696 min
Delta R.T.: -0.005 min
Response: 39991945
Conc: 17.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



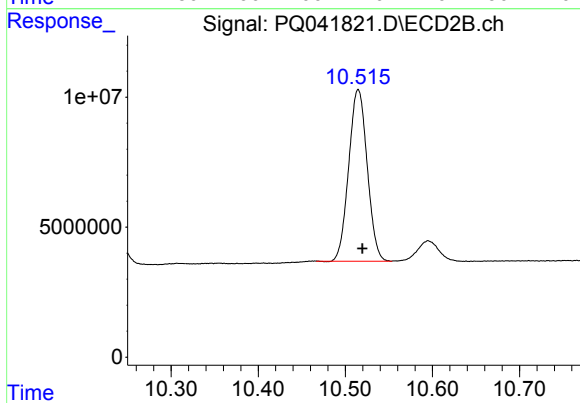
#1 Tetrachloro-m-xylene

R.T.: 4.754 min
Delta R.T.: -0.005 min
Response: 34302713
Conc: 17.80 ng/ml



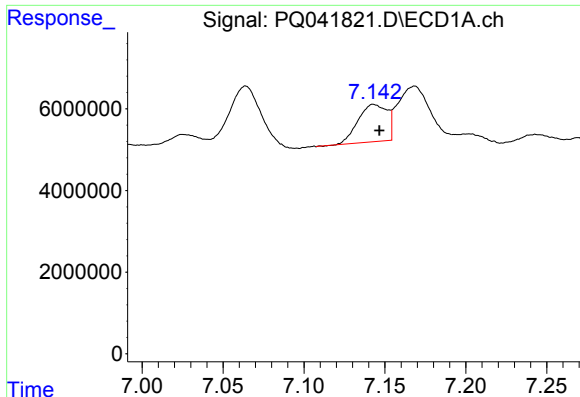
#2 Decachlorobiphenyl

R.T.: 12.101 min
Delta R.T.: -0.005 min
Response: 148439472
Conc: 17.61 ng/ml



#2 Decachlorobiphenyl

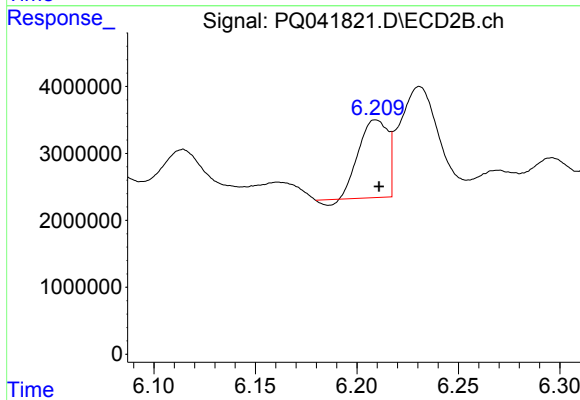
R.T.: 10.515 min
Delta R.T.: -0.005 min
Response: 97283310
Conc: 20.11 ng/ml



#3 AR-1016-1

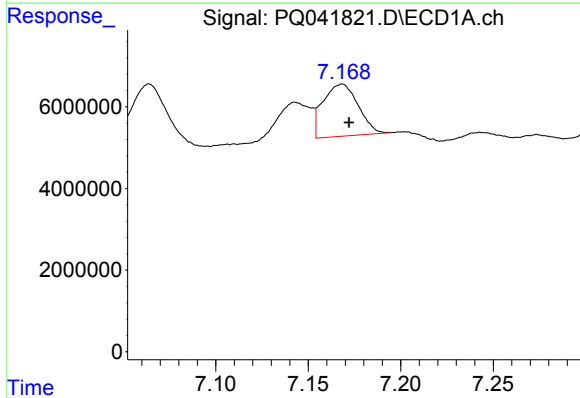
R.T.: 7.143 min
Delta R.T.: -0.004 min
Response: 11343524
Conc: 104.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



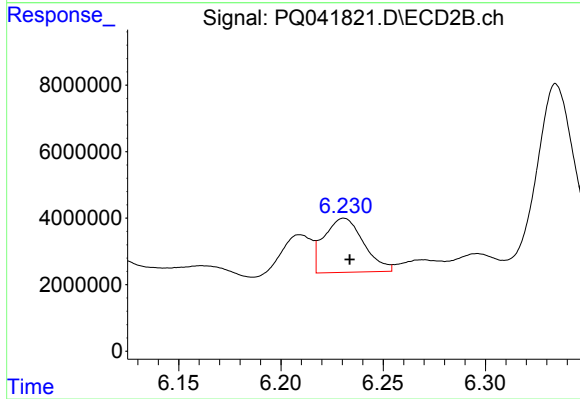
#3 AR-1016-1

R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 11316799
Conc: 109.06 ng/ml



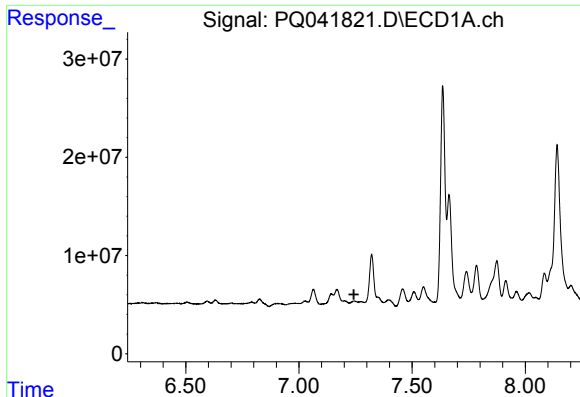
#4 AR-1016-2

R.T.: 7.169 min
Delta R.T.: -0.004 min
Response: 16819725
Conc: 107.46 ng/ml



#4 AR-1016-2

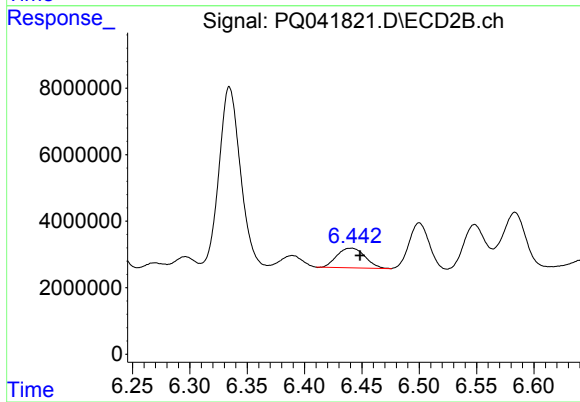
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 21849018
Conc: 152.50 ng/ml



#5 AR-1016-3

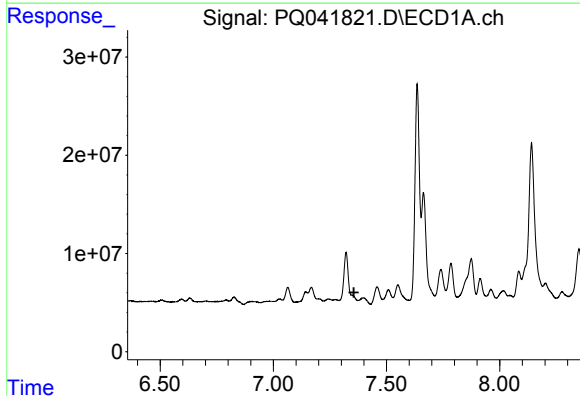
R.T.: 0.000 min
Exp R.T.: 7.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



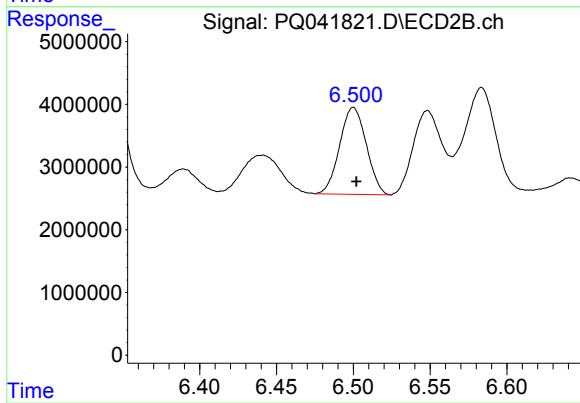
#5 AR-1016-3

R.T.: 6.441 min
Delta R.T.: -0.007 min
Response: 10014085
Conc: 134.29 ng/ml



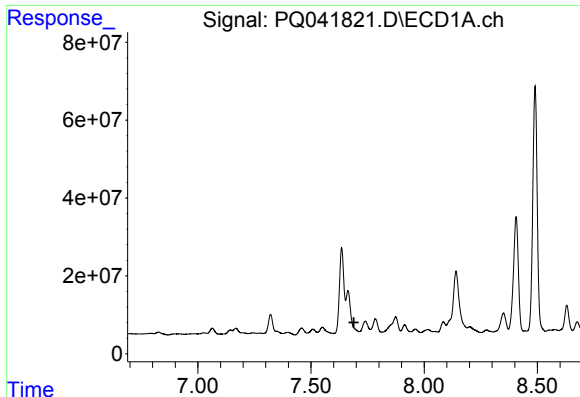
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 7.356 min
Response: 0
Conc: N.D.



#6 AR-1016-4

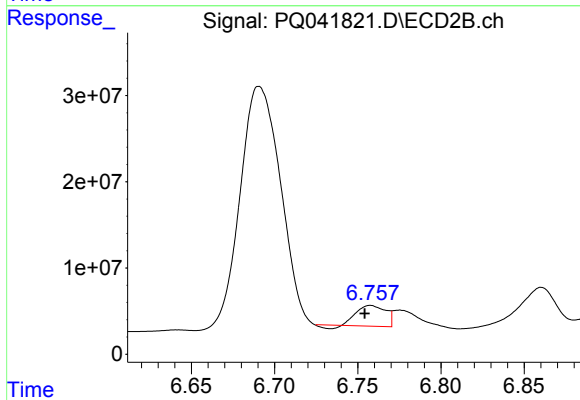
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 16739059
Conc: 269.94 ng/ml



#7 AR-1016-5

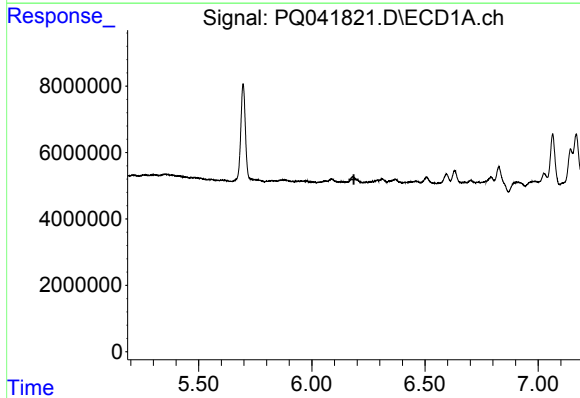
R.T.: 7.663 min
Delta R.T.: -0.026 min
Response: -6362607
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



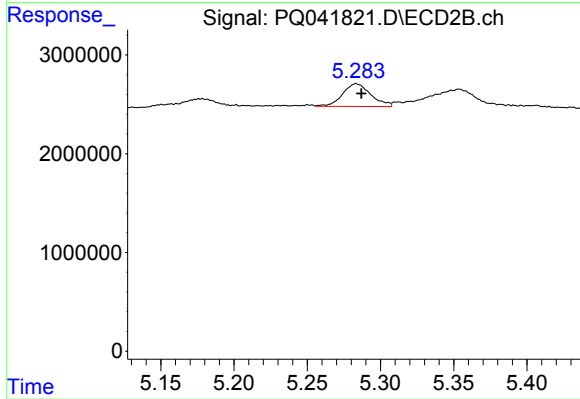
#7 AR-1016-5

R.T.: 6.758 min
Delta R.T.: 0.003 min
Response: 28483128
Conc: 349.90 ng/ml



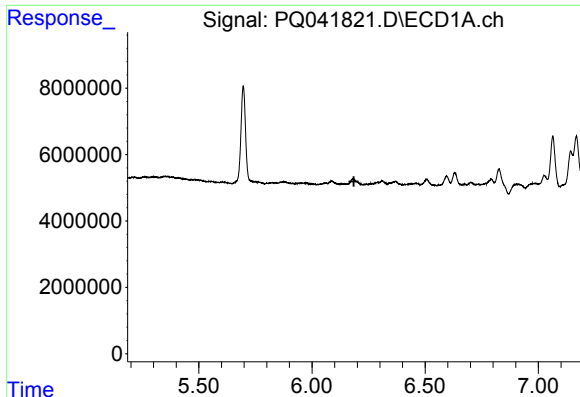
#10 AR-1221-3

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



#10 AR-1221-3

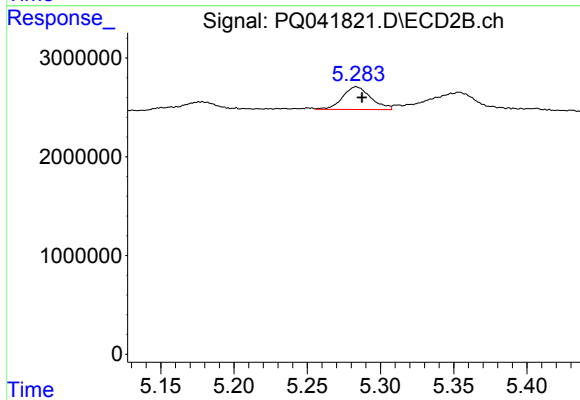
R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 3085494
Conc: 56.58 ng/ml



#11 AR-1232-1

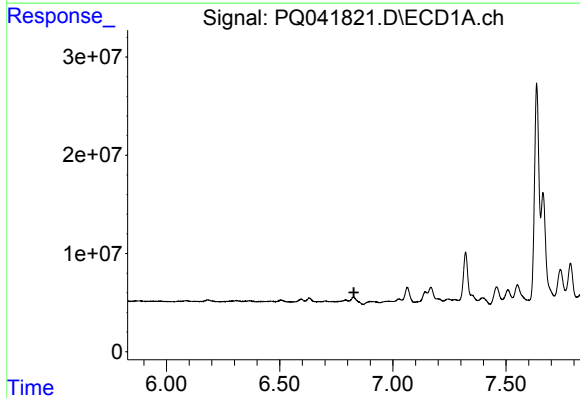
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



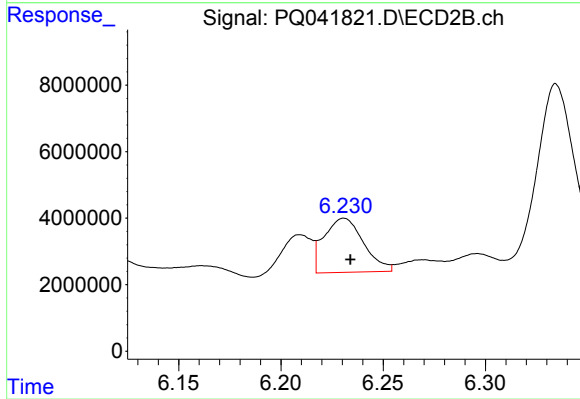
#11 AR-1232-1

R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 3085494
Conc: 63.90 ng/ml



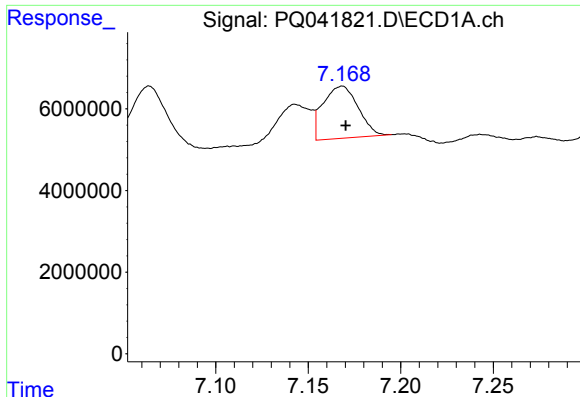
#12 AR-1232-2

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



#12 AR-1232-2

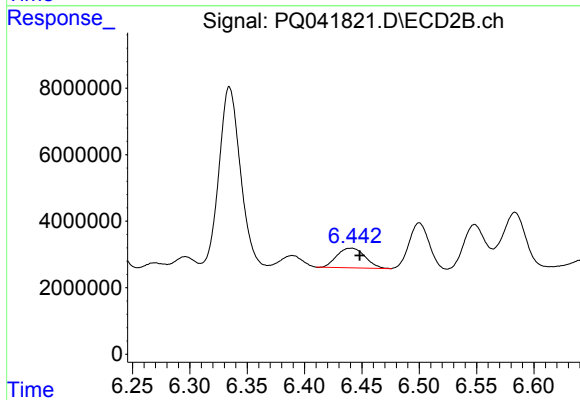
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 21849018
Conc: 383.13 ng/ml



#13 AR-1232-3

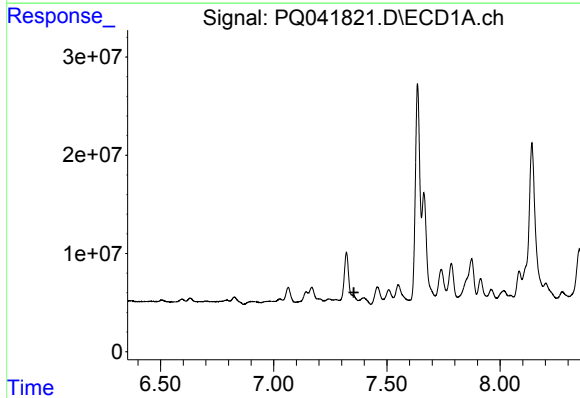
R.T.: 7.169 min
Delta R.T.: -0.002 min
Response: 16819725
Conc: 251.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



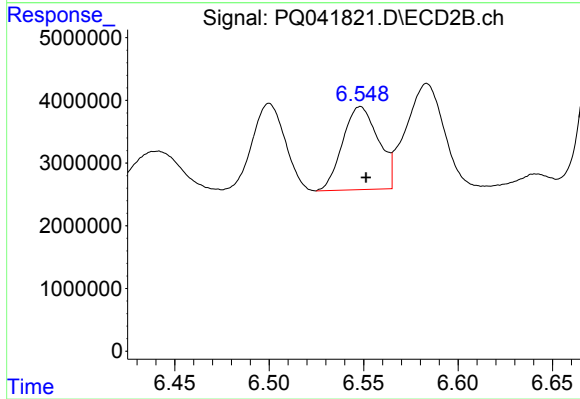
#13 AR-1232-3

R.T.: 6.441 min
Delta R.T.: -0.007 min
Response: 10014085
Conc: 335.82 ng/ml



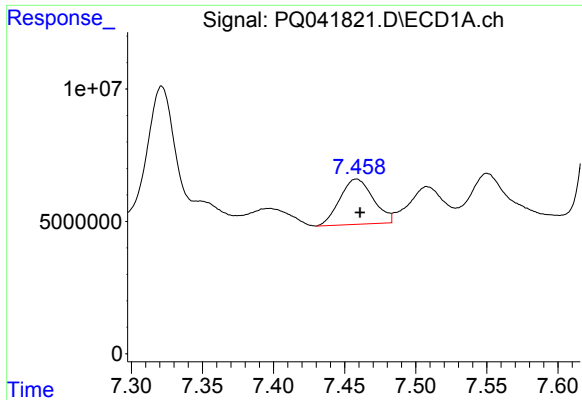
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 7.354 min
Response: 0
Conc: N.D.



#14 AR-1232-4

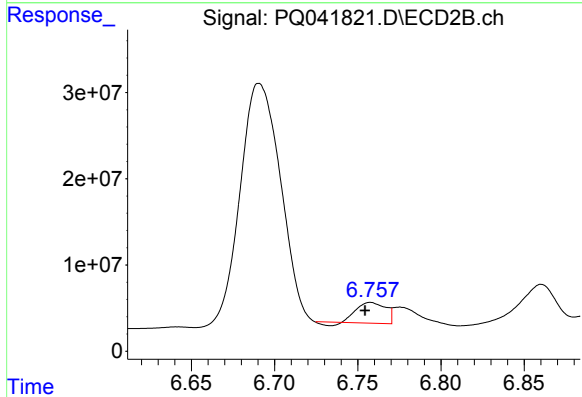
R.T.: 6.548 min
Delta R.T.: -0.003 min
Response: 17481908
Conc: 654.83 ng/ml



#15 AR-1232-5

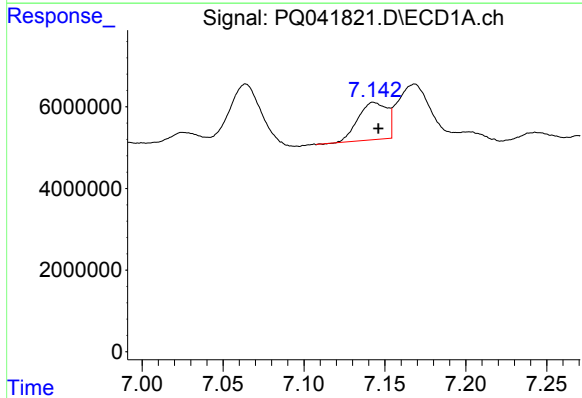
R.T.: 7.458 min
Delta R.T.: -0.002 min
Response: 27926965
Conc: 1299.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



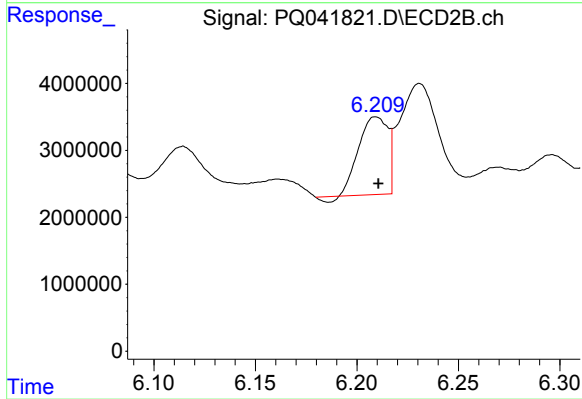
#15 AR-1232-5

R.T.: 6.758 min
Delta R.T.: 0.003 min
Response: 28483128
Conc: 971.25 ng/ml



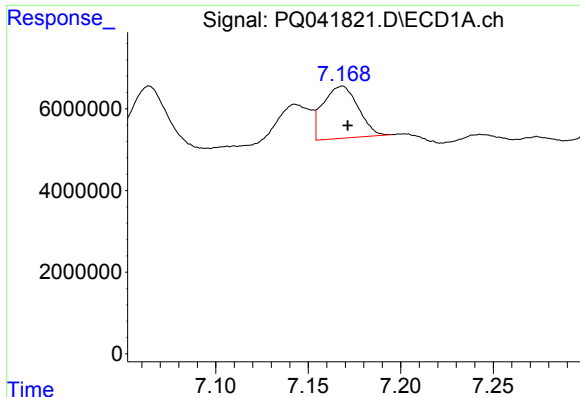
#16 AR-1242-1

R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 11343524
Conc: 126.82 ng/ml



#16 AR-1242-1

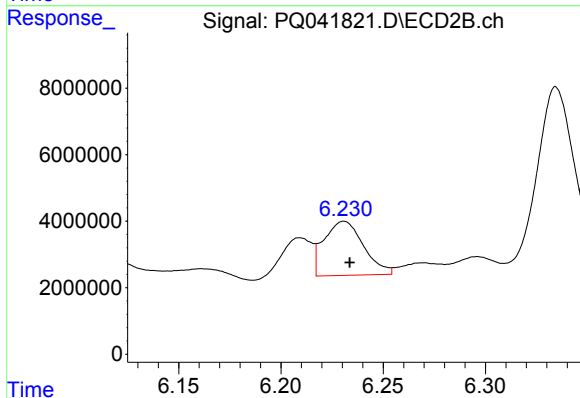
R.T.: 6.209 min
Delta R.T.: -0.001 min
Response: 11316799
Conc: 138.28 ng/ml



#17 AR-1242-2

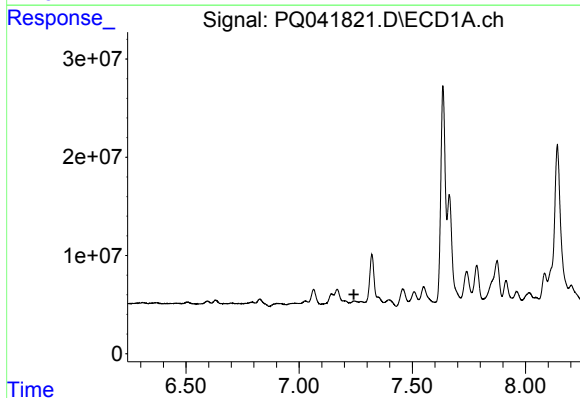
R.T.: 7.169 min
Delta R.T.: -0.003 min
Response: 16819725
Conc: 130.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



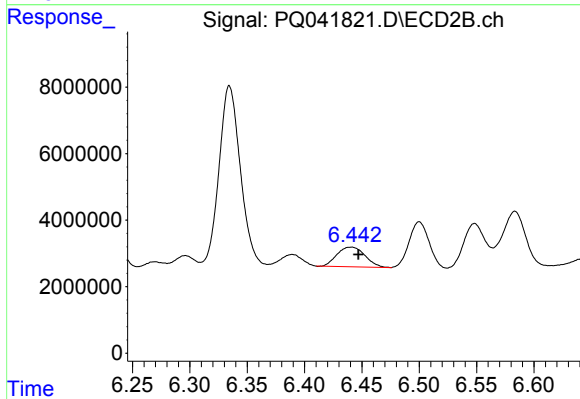
#17 AR-1242-2

R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 21849018
Conc: 193.46 ng/ml



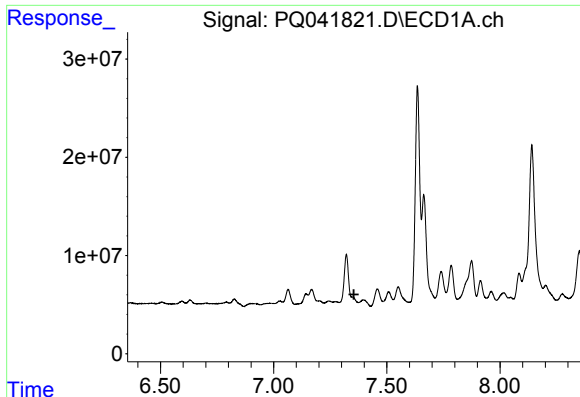
#18 AR-1242-3

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



#18 AR-1242-3

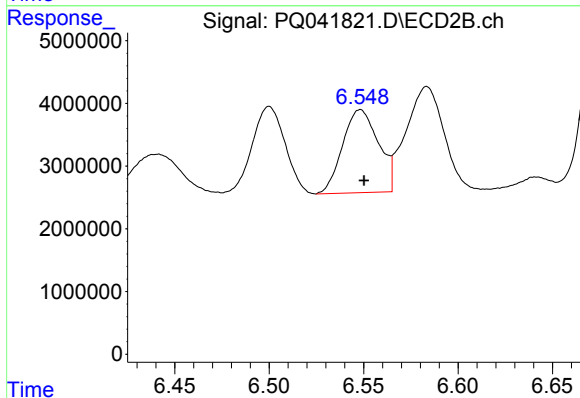
R.T.: 6.441 min
Delta R.T.: -0.006 min
Response: 10014085
Conc: 169.52 ng/ml



#19 AR-1242-4

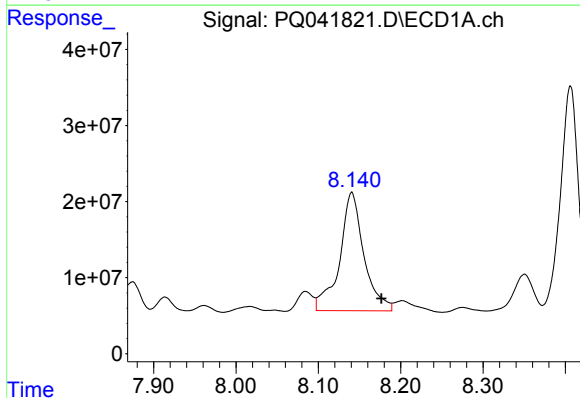
R.T.: 0.000 min
Exp R.T.: 7.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



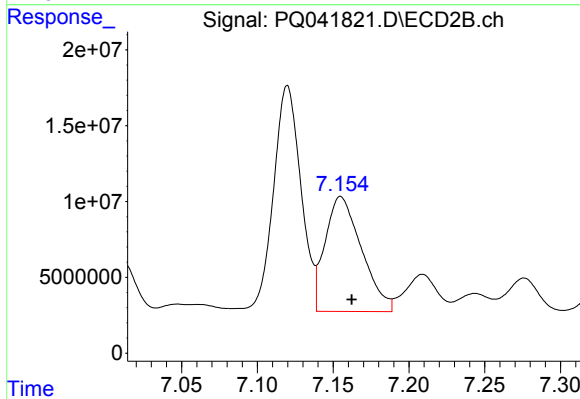
#19 AR-1242-4

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 17481908
Conc: 294.82 ng/ml



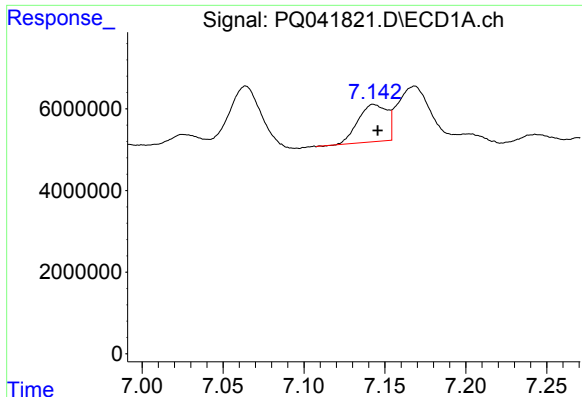
#20 AR-1242-5

R.T.: 8.141 min
Delta R.T.: -0.036 min
Response: 319675340
Conc: 3602.96 ng/ml



#20 AR-1242-5

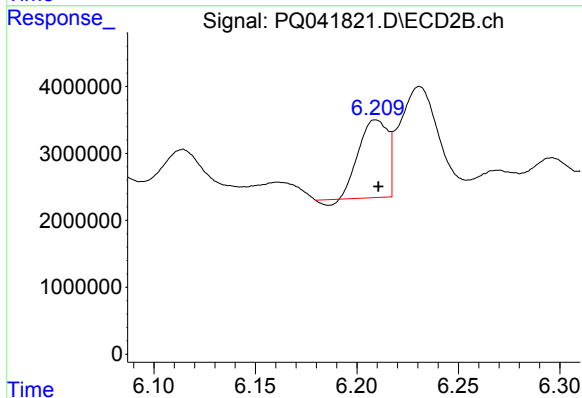
R.T.: 7.155 min
Delta R.T.: -0.007 min
Response: 126826308
Conc: 1428.32 ng/ml



#21 AR-1248-1

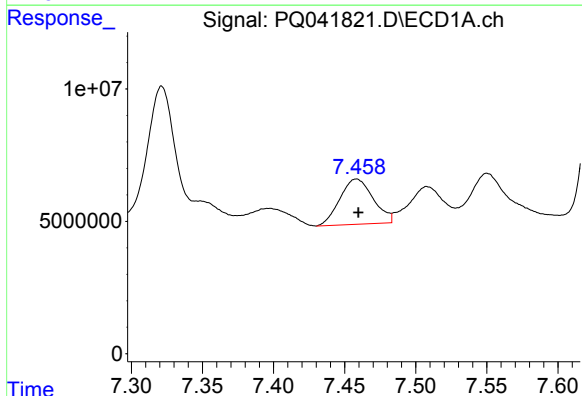
R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 11343524
Conc: 153.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



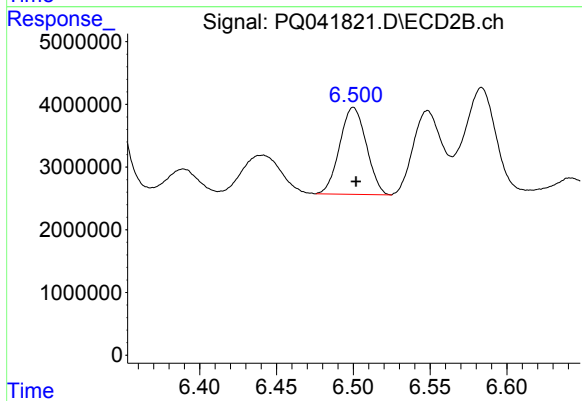
#21 AR-1248-1

R.T.: 6.209 min
Delta R.T.: -0.001 min
Response: 11316799
Conc: 170.68 ng/ml



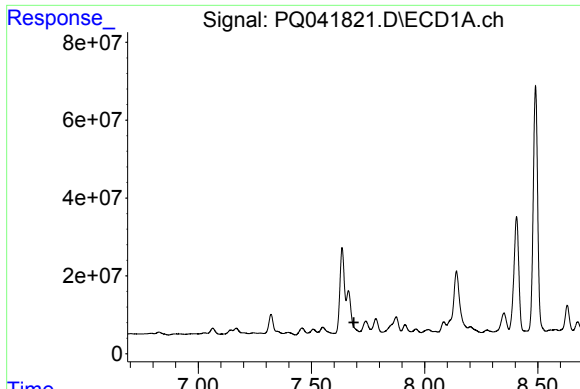
#22 AR-1248-2

R.T.: 7.458 min
Delta R.T.: -0.001 min
Response: 27926965
Conc: 302.69 ng/ml



#22 AR-1248-2

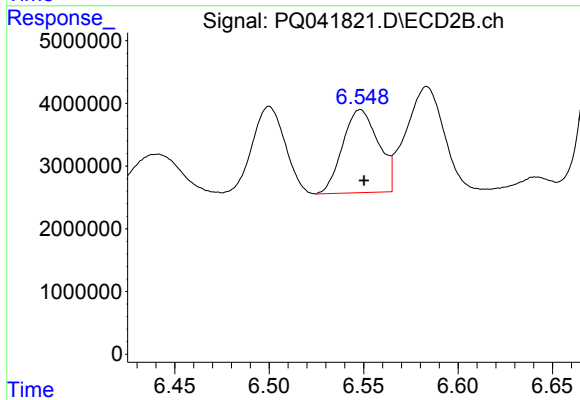
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 16739059
Conc: 191.99 ng/ml



#23 AR-1248-3

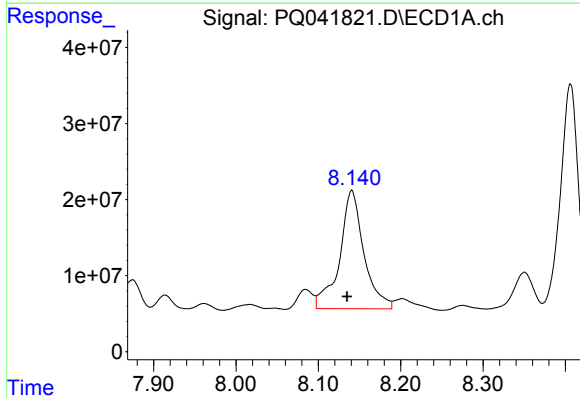
R.T.: 7.663 min
Delta R.T.: -0.024 min
Response: -6362607
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



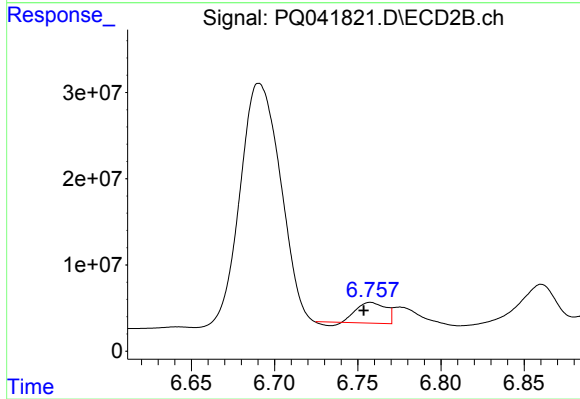
#23 AR-1248-3

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 17481908
Conc: 195.86 ng/ml



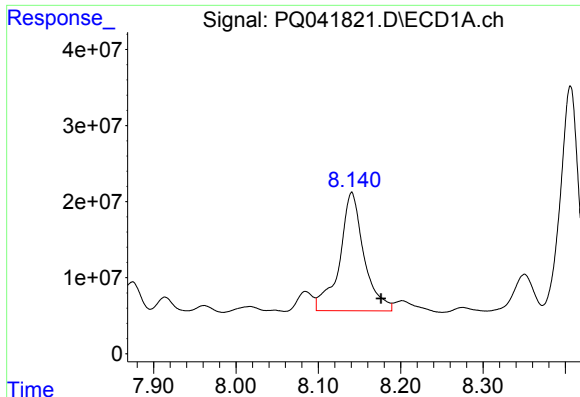
#24 AR-1248-4

R.T.: 8.141 min
Delta R.T.: 0.005 min
Response: 319675340
Conc: 2044.51 ng/ml



#24 AR-1248-4

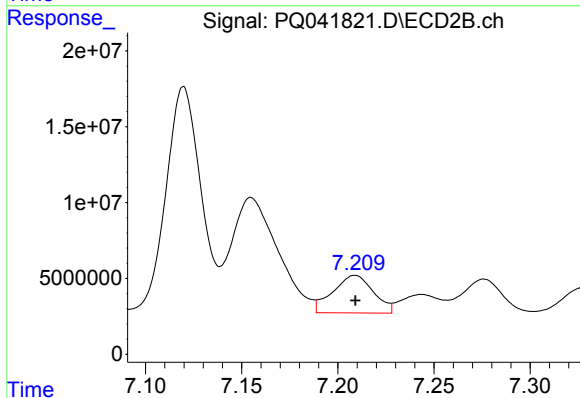
R.T.: 6.758 min
Delta R.T.: 0.004 min
Response: 28483128
Conc: 258.61 ng/ml



#25 AR-1248-5

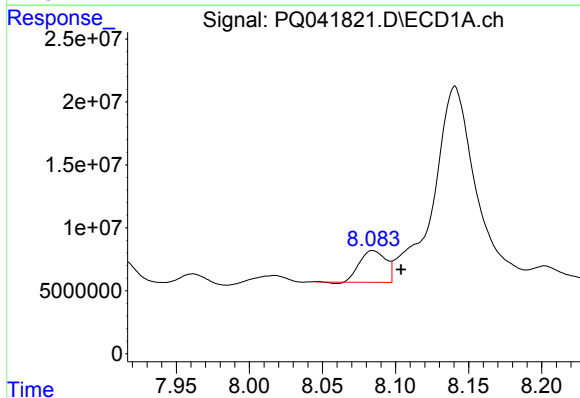
R.T.: 8.141 min
Delta R.T.: -0.036 min
Response: 319675340
Conc: 2112.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



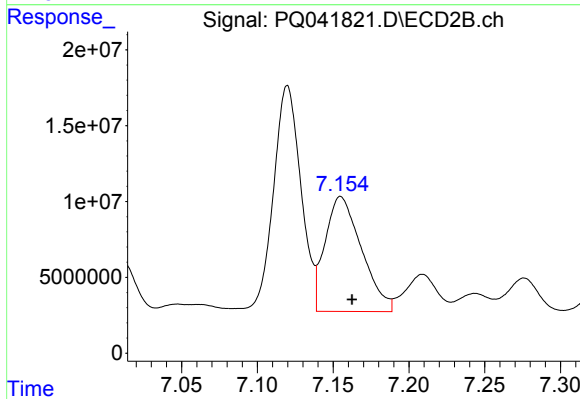
#25 AR-1248-5

R.T.: 7.209 min
Delta R.T.: 0.000 min
Response: 36337863
Conc: 283.50 ng/ml



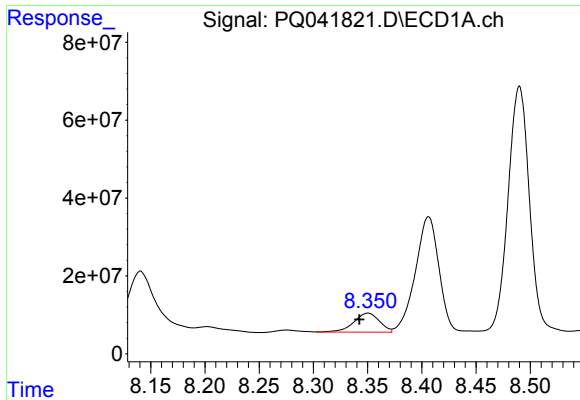
#26 AR-1254-1

R.T.: 8.084 min
Delta R.T.: -0.019 min
Response: 31450994
Conc: 226.08 ng/ml



#26 AR-1254-1

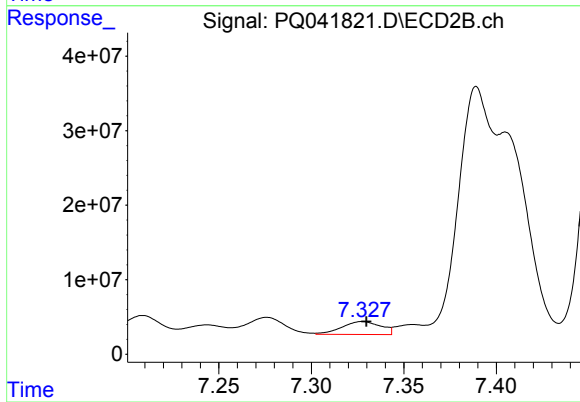
R.T.: 7.155 min
Delta R.T.: -0.007 min
Response: 126826308
Conc: 693.48 ng/ml



#27 AR-1254-2

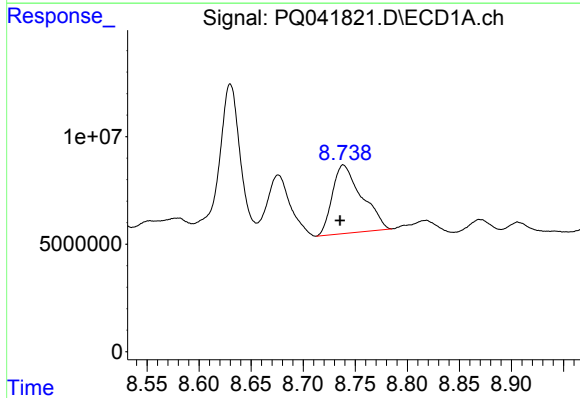
R.T.: 8.351 min
Delta R.T.: 0.008 min
Response: 81060640
Conc: 354.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



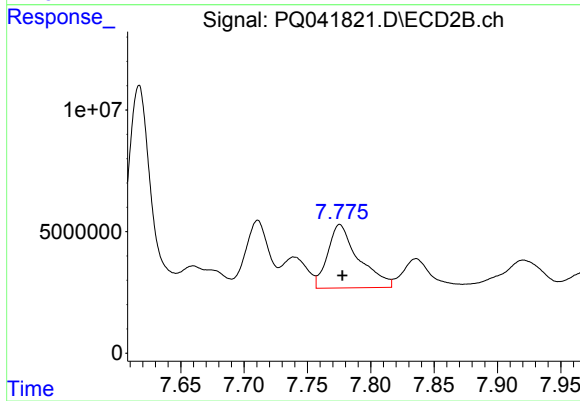
#27 AR-1254-2

R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 25466608
Conc: 157.33 ng/ml



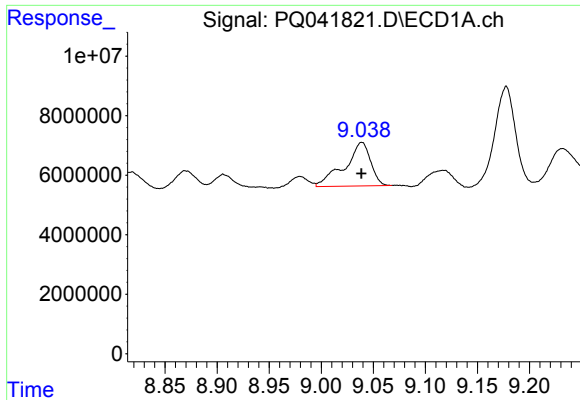
#28 AR-1254-3

R.T.: 8.739 min
Delta R.T.: 0.003 min
Response: 62362979
Conc: 228.08 ng/ml



#28 AR-1254-3

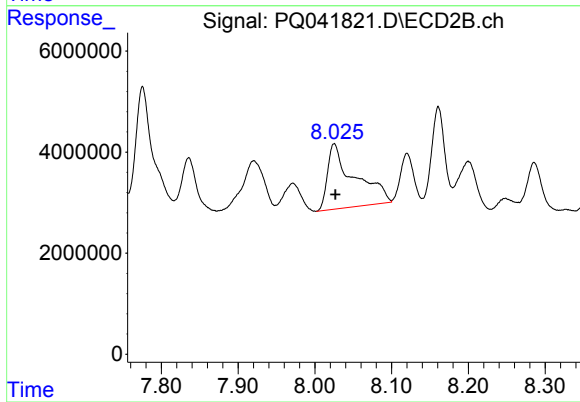
R.T.: 7.776 min
Delta R.T.: -0.002 min
Response: 44222688
Conc: 153.33 ng/ml



#29 AR-1254-4

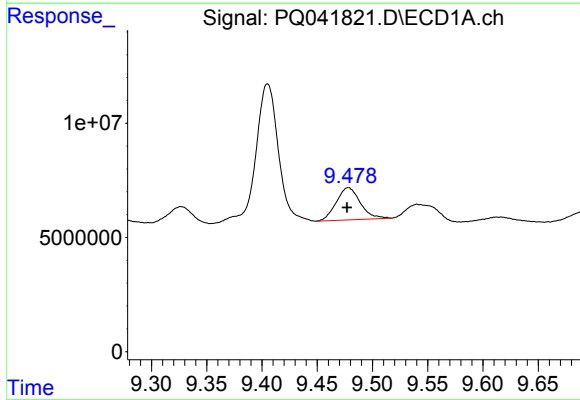
R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 25478001
Conc: 103.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



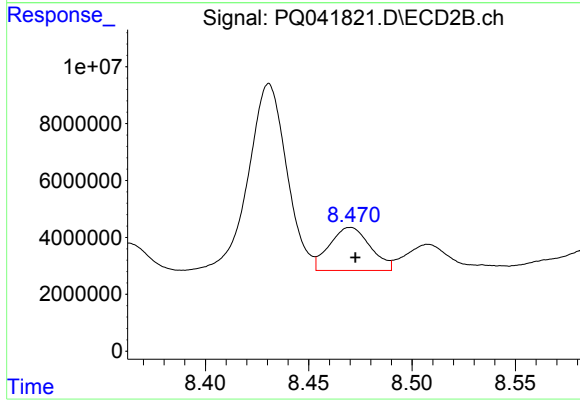
#29 AR-1254-4

R.T.: 8.025 min
Delta R.T.: -0.002 min
Response: 31528016
Conc: 145.24 ng/ml



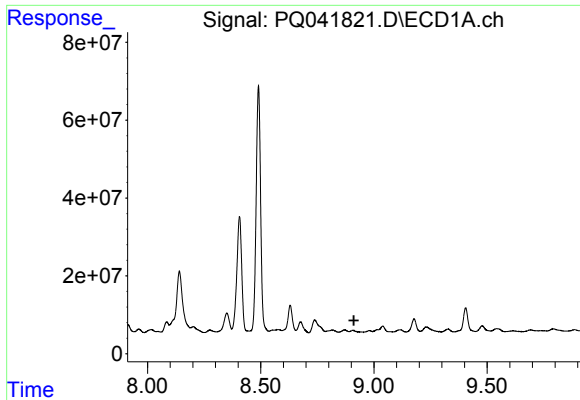
#30 AR-1254-5

R.T.: 9.478 min
Delta R.T.: 0.001 min
Response: 21396094
Conc: 79.00 ng/ml



#30 AR-1254-5

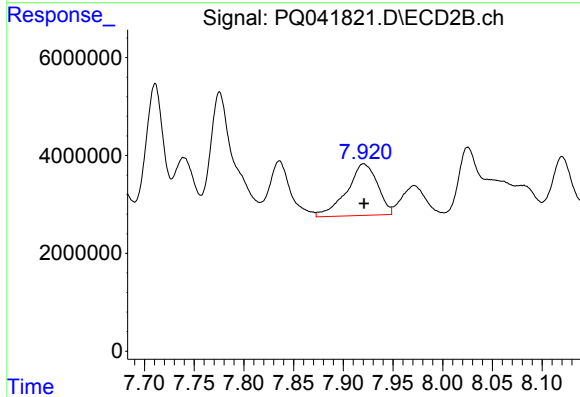
R.T.: 8.470 min
Delta R.T.: -0.003 min
Response: 20772309
Conc: 69.06 ng/ml



#31 AR-1260-1

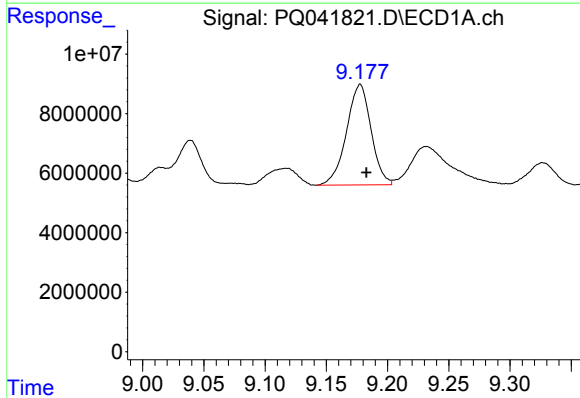
R.T.: 0.000 min
Exp R.T.: 8.912 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



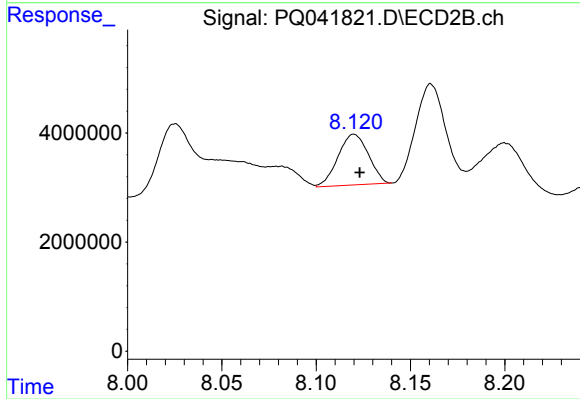
#31 AR-1260-1

R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 22719980
Conc: 125.23 ng/ml



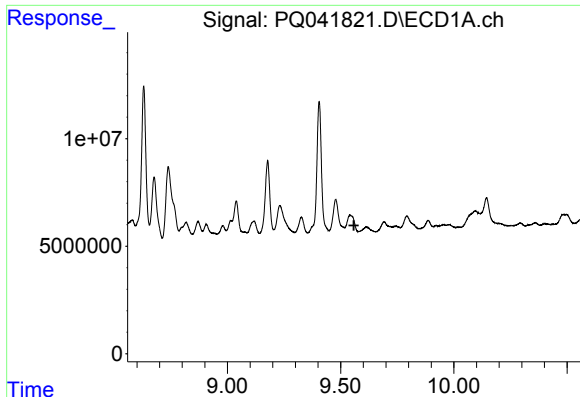
#32 AR-1260-2

R.T.: 9.178 min
Delta R.T.: -0.005 min
Response: 47254440
Conc: 187.31 ng/ml



#32 AR-1260-2

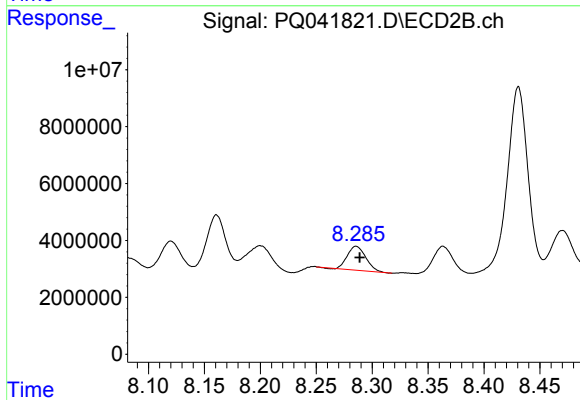
R.T.: 8.120 min
Delta R.T.: -0.003 min
Response: 10414103
Conc: 42.45 ng/ml



#33 AR-1260-3

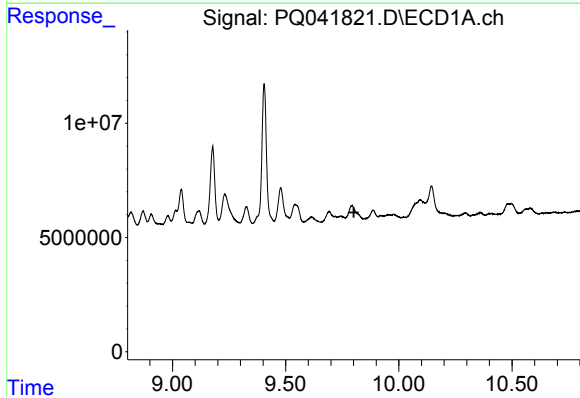
R.T.: 0.000 min
Exp R.T.: 9.558 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



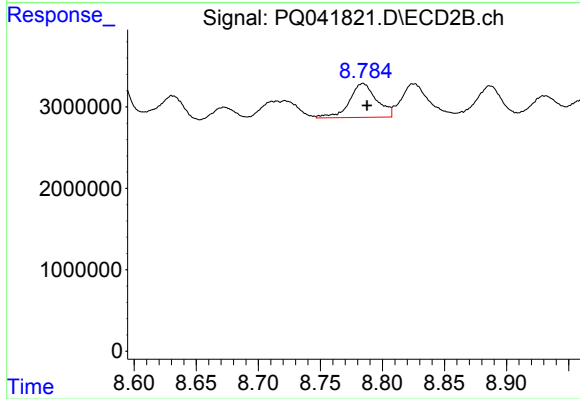
#33 AR-1260-3

R.T.: 8.286 min
Delta R.T.: -0.003 min
Response: 9770455
Conc: 45.92 ng/ml



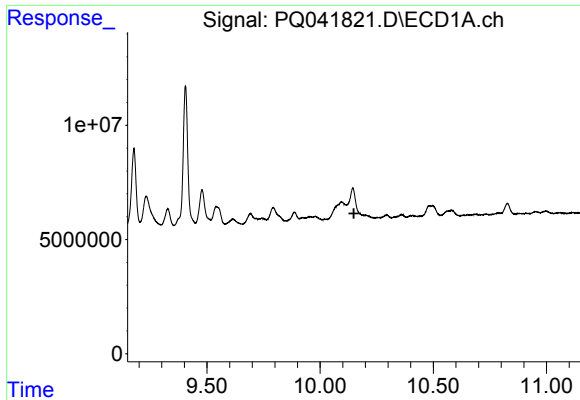
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.802 min
Response: 0
Conc: N.D.



#34 AR-1260-4

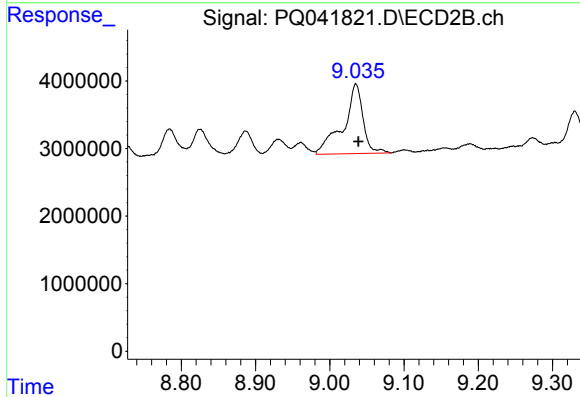
R.T.: 8.784 min
Delta R.T.: -0.003 min
Response: 6379956
Conc: 31.54 ng/ml



#35 AR-1260-5

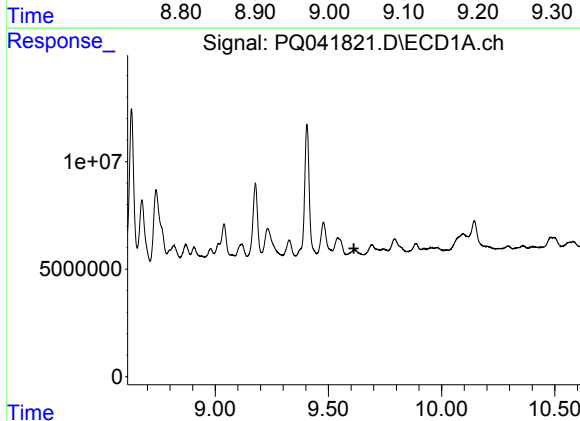
R.T.: 0.000 min
Exp R.T.: 10.149 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



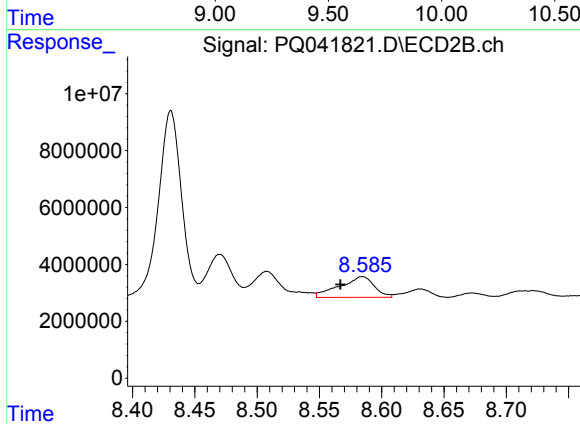
#35 AR-1260-5

R.T.: 9.035 min
Delta R.T.: -0.003 min
Response: 19025237
Conc: 32.24 ng/ml



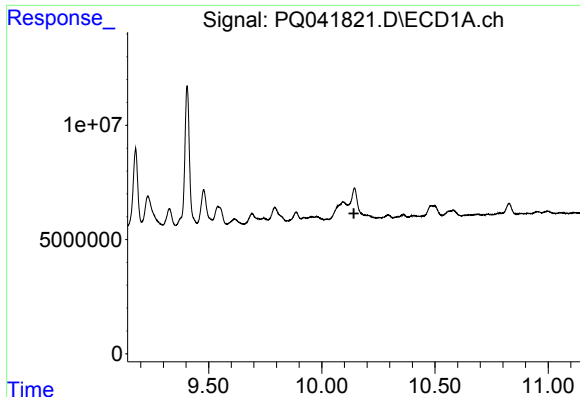
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 9.613 min
Response: 0
Conc: N.D.



#36 AR-1262-1

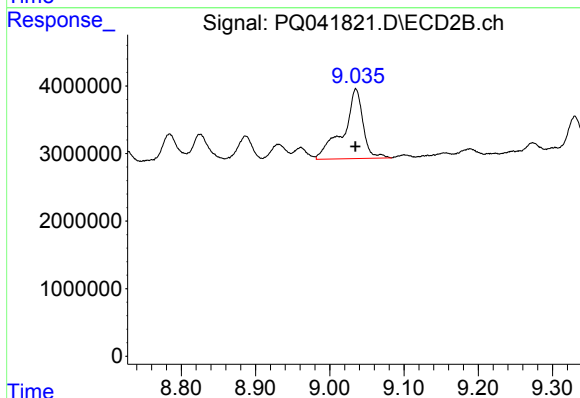
R.T.: 8.585 min
Delta R.T.: 0.018 min
Response: 14031449
Conc: 97.80 ng/ml



#37 AR-1262-2

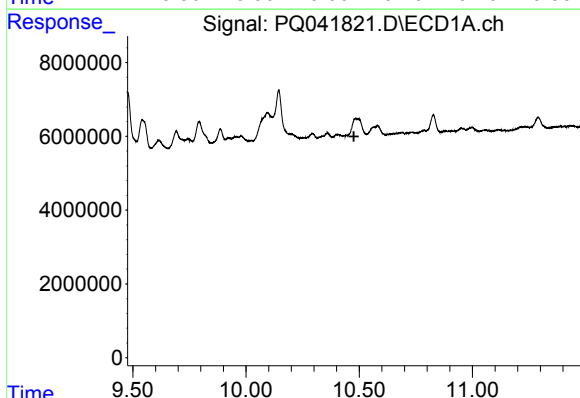
R.T.: 0.000 min
Exp R.T.: 10.142 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



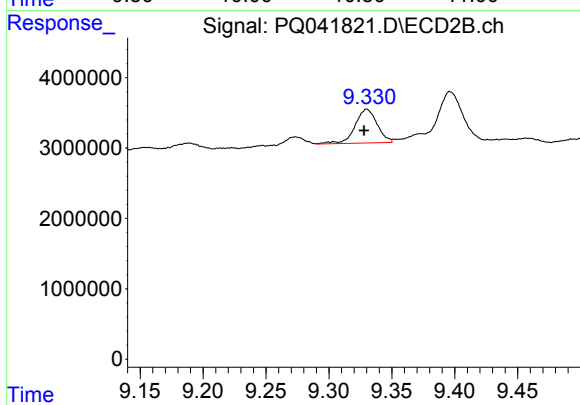
#37 AR-1262-2

R.T.: 9.035 min
Delta R.T.: 0.000 min
Response: 19025237
Conc: 25.67 ng/ml



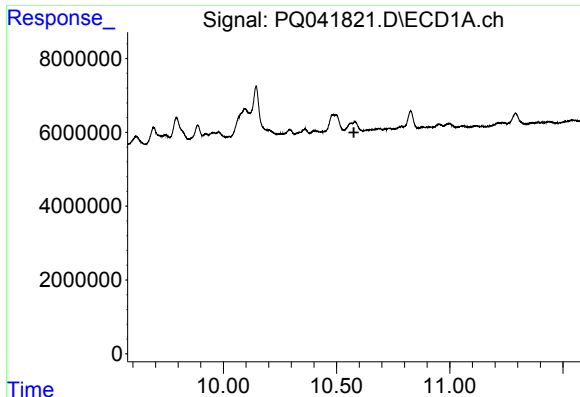
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 10.477 min
Response: 0
Conc: N.D.



#38 AR-1262-3

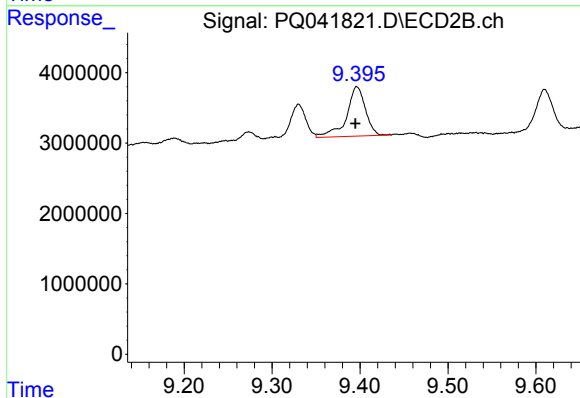
R.T.: 9.330 min
Delta R.T.: 0.002 min
Response: 5855888
Conc: 18.51 ng/ml



#39 AR-1262-4

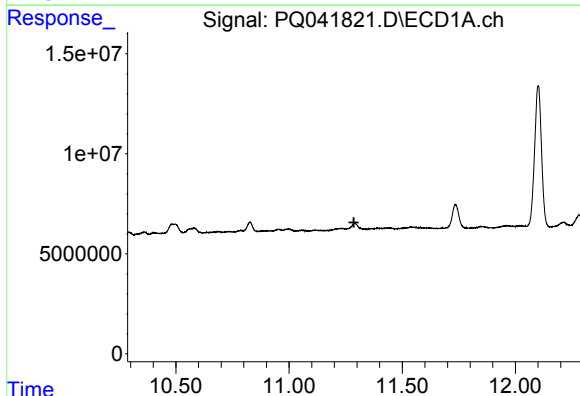
R.T.: 0.000 min
Exp R.T.: 10.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



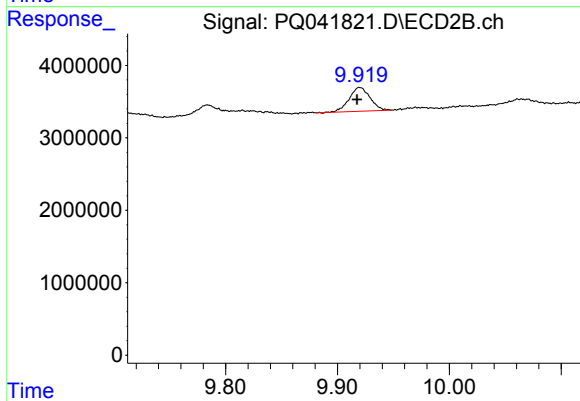
#39 AR-1262-4

R.T.: 9.396 min
Delta R.T.: 0.002 min
Response: 10511715
Conc: 18.69 ng/ml



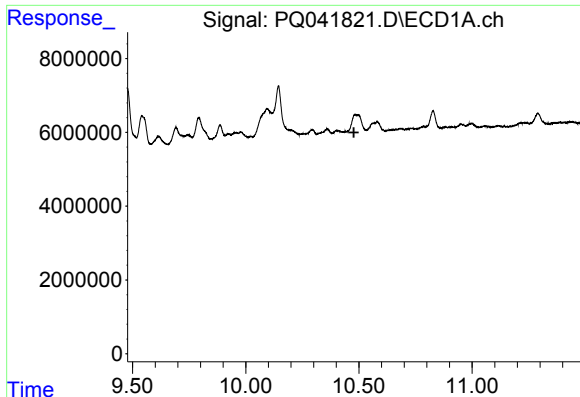
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.286 min
Response: 0
Conc: N.D.



#40 AR-1262-5

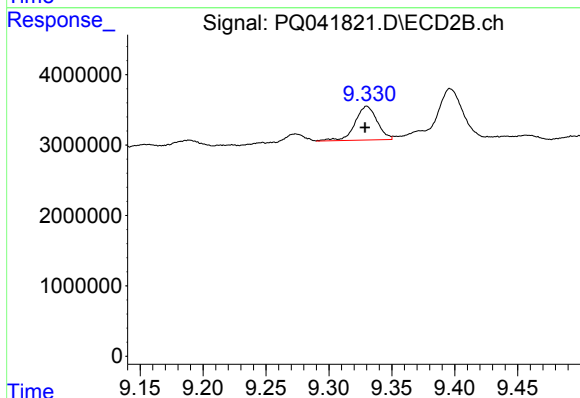
R.T.: 9.920 min
Delta R.T.: 0.002 min
Response: 4259584
Conc: 14.91 ng/ml



#41 AR-1268-1

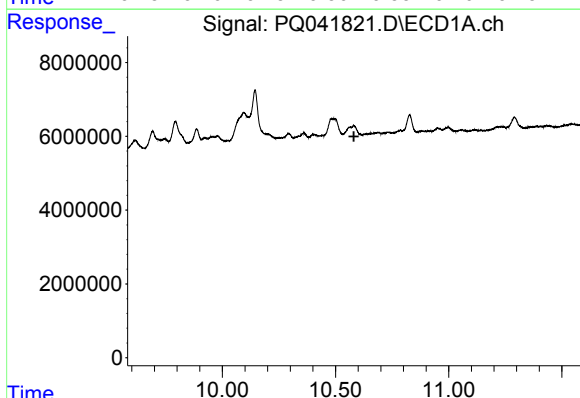
R.T.: 0.000 min
Exp R.T. : 10.478 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



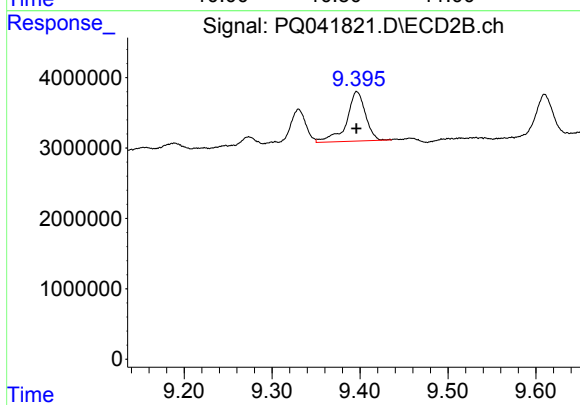
#41 AR-1268-1

R.T.: 9.330 min
Delta R.T.: 0.002 min
Response: 5855888
Conc: 5.12 ng/ml



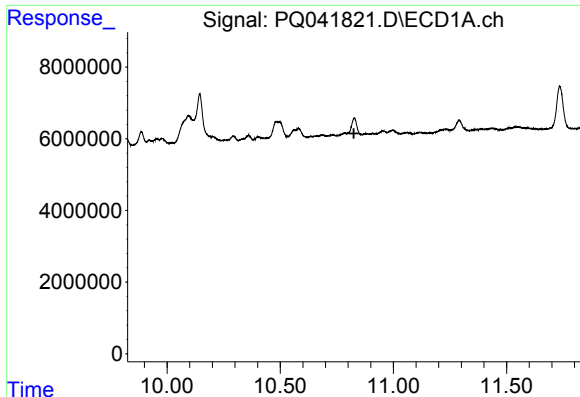
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 10.581 min
Response: 0
Conc: N.D.



#42 AR-1268-2

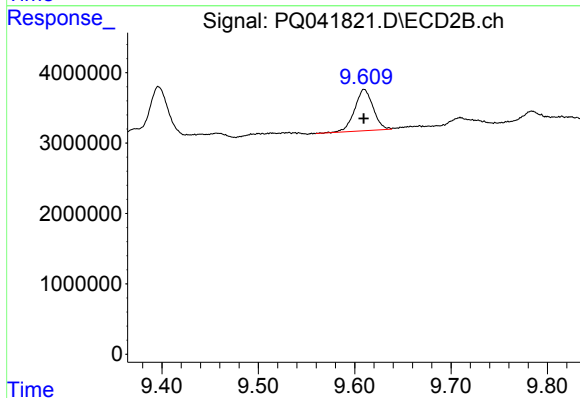
R.T.: 9.396 min
Delta R.T.: 0.000 min
Response: 10511715
Conc: 10.24 ng/ml



#43 AR-1268-3

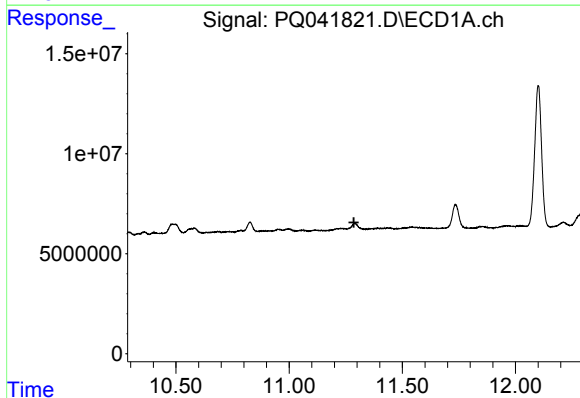
R.T.: 0.000 min
Exp R.T.: 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



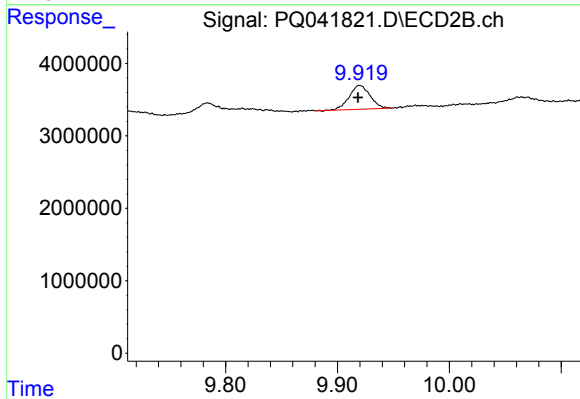
#43 AR-1268-3

R.T.: 9.610 min
Delta R.T.: 0.000 min
Response: 7842225
Conc: 9.02 ng/ml



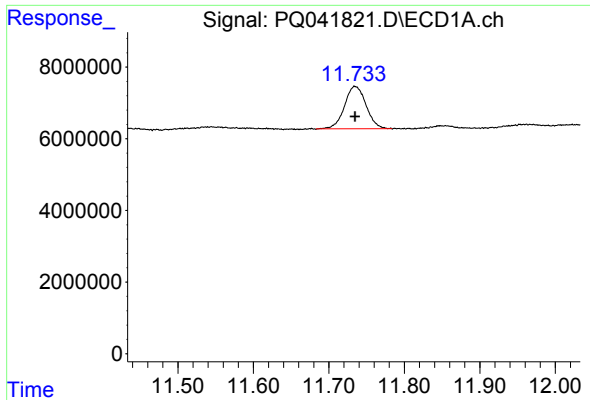
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 11.286 min
Response: 0
Conc: N.D.



#44 AR-1268-4

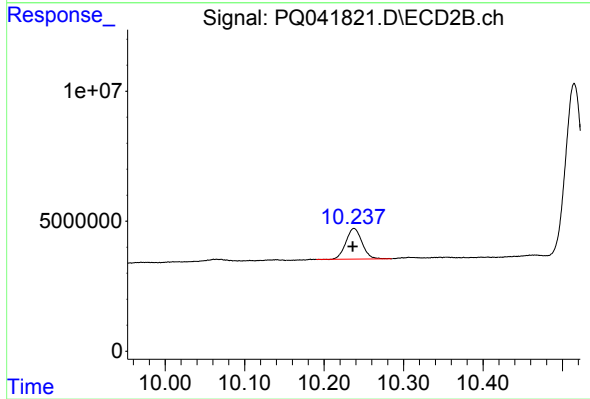
R.T.: 9.920 min
Delta R.T.: 0.002 min
Response: 4259584
Conc: 11.07 ng/ml



#45 AR-1268-5

R.T.: 11.735 min
Delta R.T.: 0.000 min
Response: 23362628
Conc: 5.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.238 min
Delta R.T.: 0.002 min
Response: 16627961
Conc: 6.40 ng/ml