

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
 Data File : PQ041838.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2019 22:33
 Operator : SM\AJ
 Sample : K3020-24
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 01:16:15 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...	5.697	4.754	42256629	38433345	18.425	19.942
2)	SA Decachlor...	12.093	10.511	181.9E6	122.1E6	21.572	25.248
Target Compounds							
3)	L1 AR-1016-1	0.000	6.228	0	7609971	N.D.	73.335 #
4)	L1 AR-1016-2	0.000	6.228	0	7609971	N.D.	53.117 #
5)	L1 AR-1016-3	0.000	6.435	0	4691176	N.D.	62.908 #
6)	L1 AR-1016-4	0.000	6.500	0	6390568	N.D.	103.057 #
7)	L1 AR-1016-5	7.739	6.756	19238695	7641680	244.735	93.874 #
10)	L2 AR-1221-3	0.000	5.353	0	5177537	N.D.	94.945 #
11)	L3 AR-1232-1	0.000	5.353	0	5177537	N.D.	107.223 #
12)	L3 AR-1232-2	0.000	6.228	0	7609971	N.D.	133.443 #
13)	L3 AR-1232-3	0.000	6.435	0	4691176	N.D.	157.319 #
14)	L3 AR-1232-4	0.000	6.547	0	3438647	N.D.	128.804 #
15)	L3 AR-1232-5	0.000	6.756	0	7641680	N.D.	260.576 #
16)	L4 AR-1242-1	0.000	6.228	0	7609971	N.D.	92.986 #
17)	L4 AR-1242-2	0.000	6.228	0	7609971	N.D.	67.382 #
18)	L4 AR-1242-3	0.000	6.435	0	4691176	N.D.	79.414 #
19)	L4 AR-1242-4	0.000	6.547	0	3438647	N.D.	57.990 #
20)	L4 AR-1242-5	8.199	7.152	22398519	80867643	252.446	910.731 #
21)	L5 AR-1248-1	0.000	6.228	0	7609971	N.D.	114.774 #
22)	L5 AR-1248-2	0.000	6.500	0	6390568	N.D.	73.297 #
23)	L5 AR-1248-3	7.739	6.547	19238695	3438647	171.711	38.526 #
24)	L5 AR-1248-4	8.139	6.756	209.6E6	7641680	1340.679	69.381 #
25)	L5 AR-1248-5	8.199	7.210	22398519	18003543	148.018	140.461
26)	L6 AR-1254-1	8.082	7.152	12894566	80867643	92.690	442.178 #
27)	L6 AR-1254-2	8.344	7.324	55261659	14974608	241.441	92.509 #
28)	L6 AR-1254-3	8.759	7.794	81938229	38477673	299.672	133.415 #
29)	L6 AR-1254-4	9.077	8.025	23128367	26682005	93.951	122.917 #
30)	L6 AR-1254-5	9.494	8.468	36965853	31359725	136.483	104.265
31)	L7 AR-1260-1	0.000	7.931	0	26234675	N.D.	144.600 #
32)	L7 AR-1260-2	9.172	8.119	49001402	8471537	194.238	34.530 #
33)	L7 AR-1260-3	9.494	8.283	36965853	7465344	161.328	35.085 #
34)	L7 AR-1260-4	0.000	8.782	0	2226543	N.D.	11.007 #
35)	L7 AR-1260-5	0.000	9.032	0	6011488	N.D.	10.186 #
36)	L8 AR-1262-1	0.000	8.582	0	2514038	N.D.	17.524 #
37)	L8 AR-1262-2	0.000	9.032	0	6011488	N.D.	8.112 #
38)	L8 AR-1262-3	0.000	9.362	0	9721954	N.D.	30.730 #
39)	L8 AR-1262-4	0.000	9.390	0	13124050	N.D.	23.337 #
40)	L8 AR-1262-5	0.000	9.916	0	1536574	N.D.	5.380 #
41)	L9 AR-1268-1	0.000	9.362	0	9721954	N.D.	8.504 #
42)	L9 AR-1268-2	0.000	9.390	0	13124050	N.D.	12.785 #
43)	L9 AR-1268-3	0.000	9.608	0	1426634	N.D.	1.642 #

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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	9.916	0	1536574	N.D.	3.995 #
45) L9	AR-1268-5	0.000	10.235	0	2312778	N.D.	0.890 #

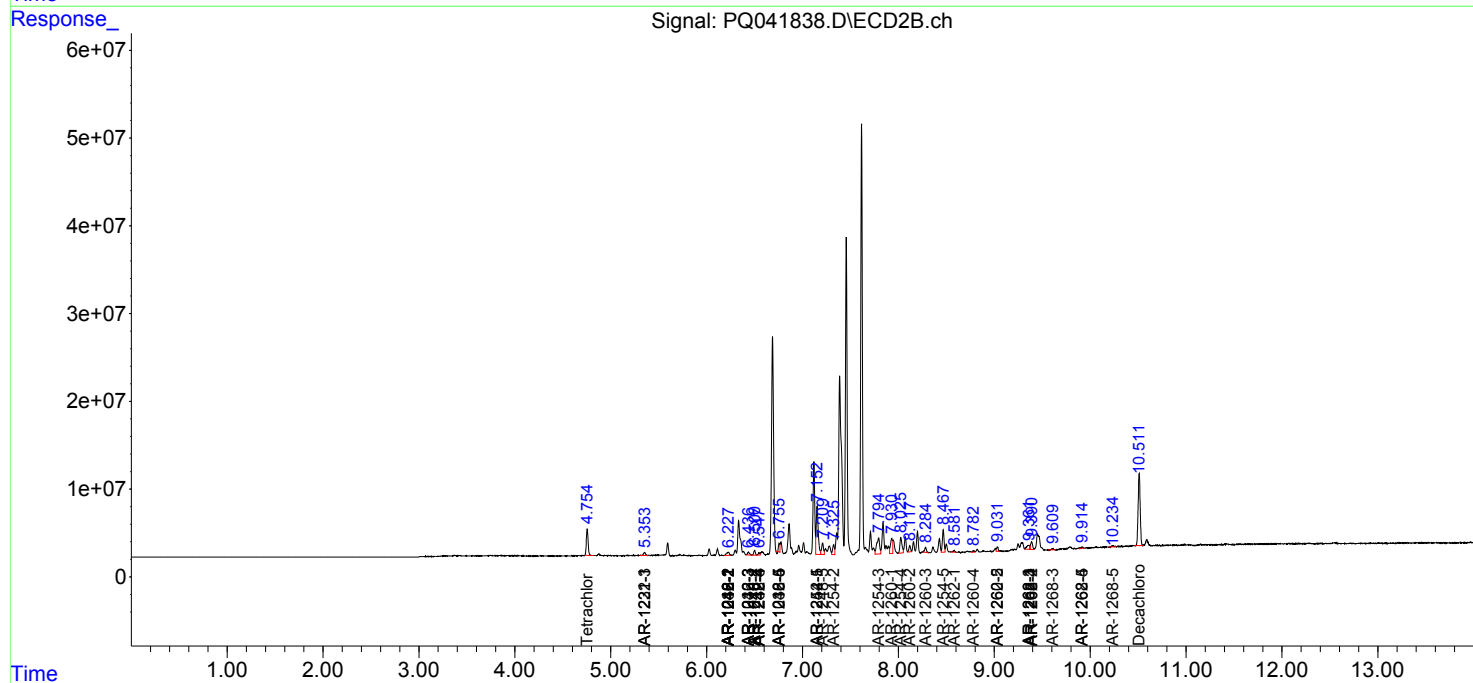
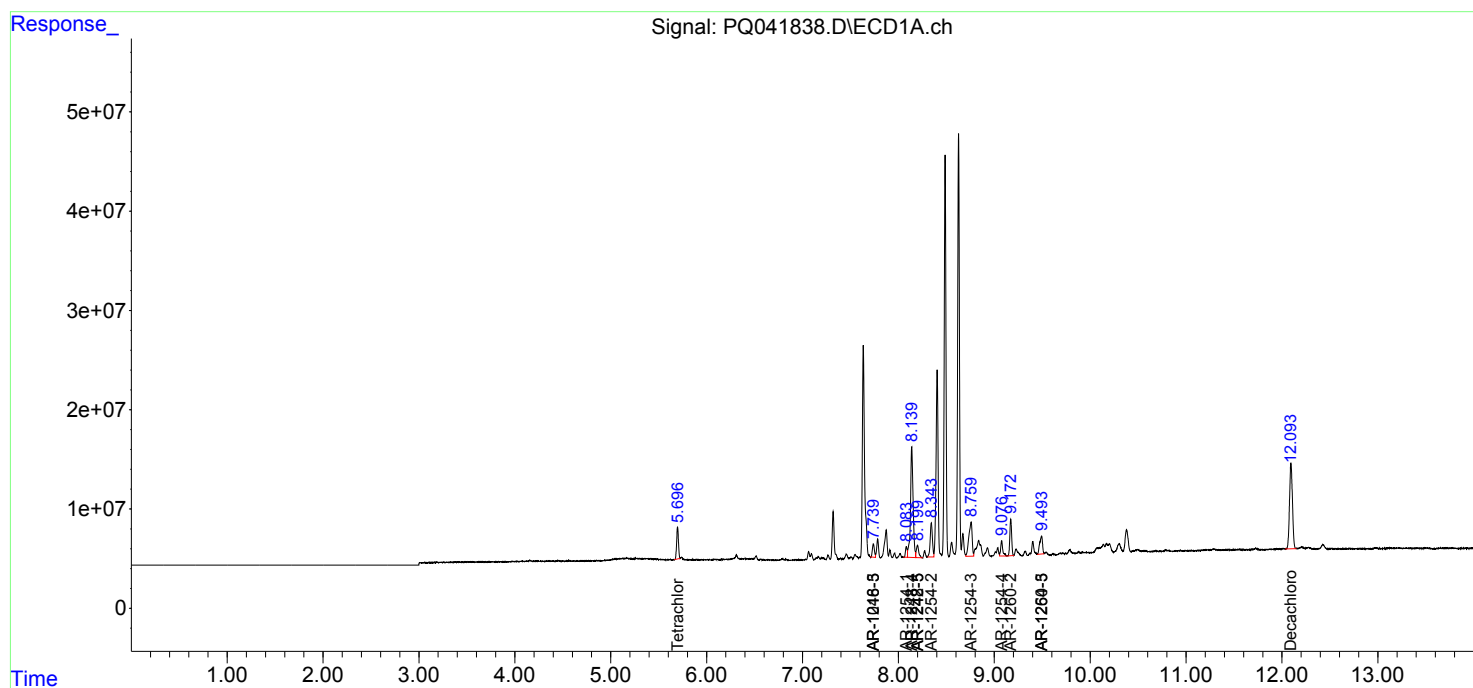
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

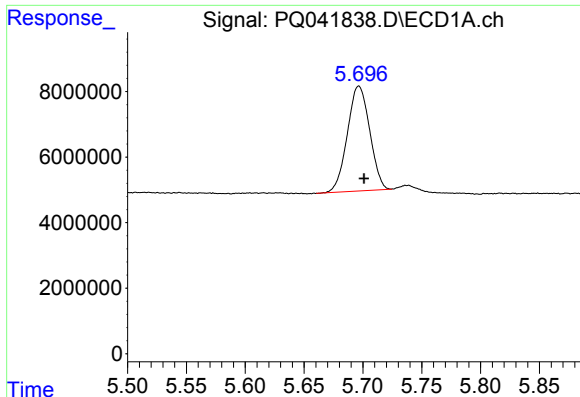
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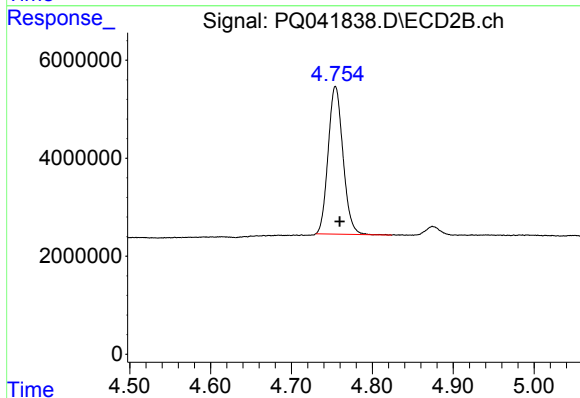




#1 Tetrachloro-m-xylene

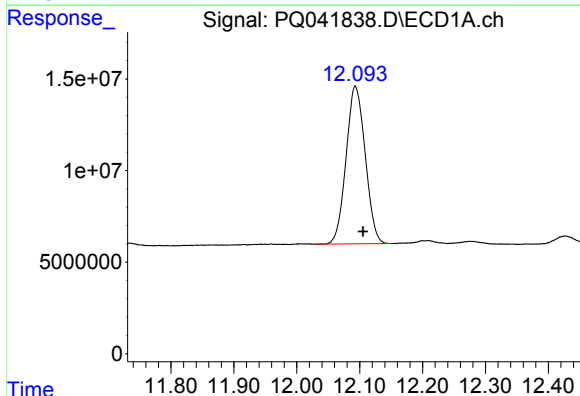
R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 42256629
Conc: 18.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



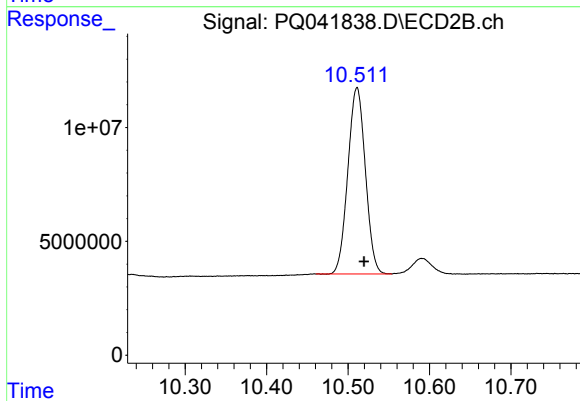
#1 Tetrachloro-m-xylene

R.T.: 4.754 min
Delta R.T.: -0.005 min
Response: 38433345
Conc: 19.94 ng/ml



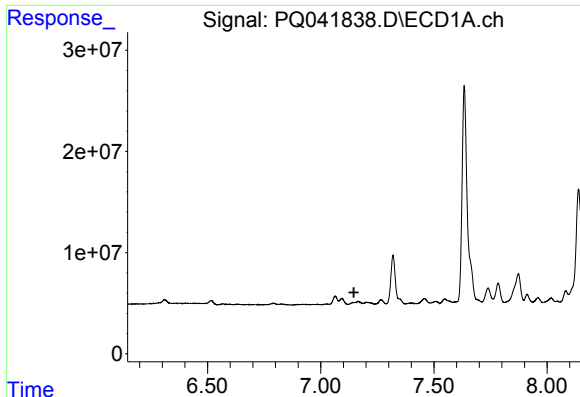
#2 Decachlorobiphenyl

R.T.: 12.093 min
Delta R.T.: -0.013 min
Response: 181880577
Conc: 21.57 ng/ml



#2 Decachlorobiphenyl

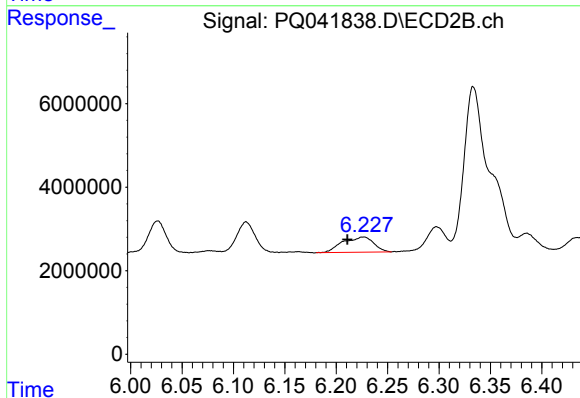
R.T.: 10.511 min
Delta R.T.: -0.009 min
Response: 122133355
Conc: 25.25 ng/ml



#3 AR-1016-1

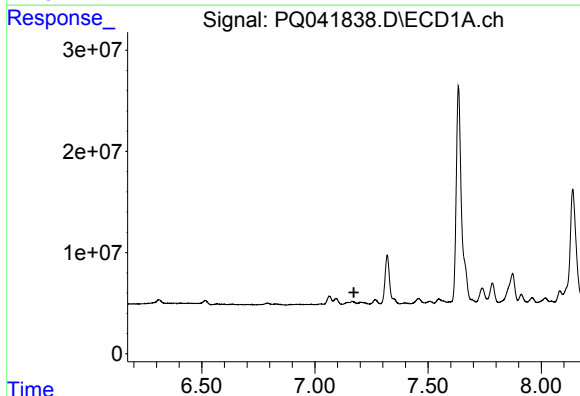
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



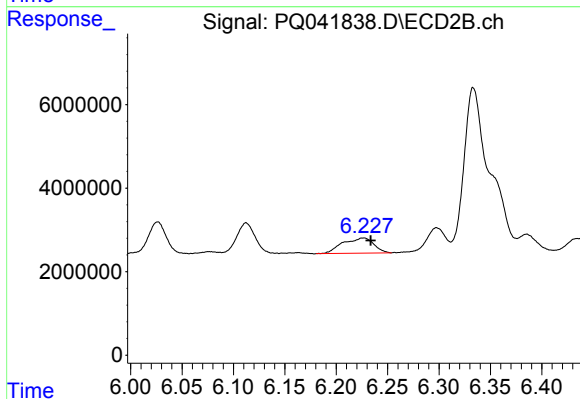
#3 AR-1016-1

R.T.: 6.228 min
Delta R.T.: 0.017 min
Response: 7609971
Conc: 73.34 ng/ml



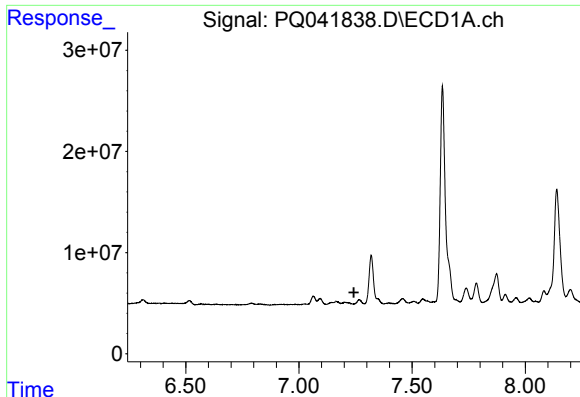
#4 AR-1016-2

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



#4 AR-1016-2

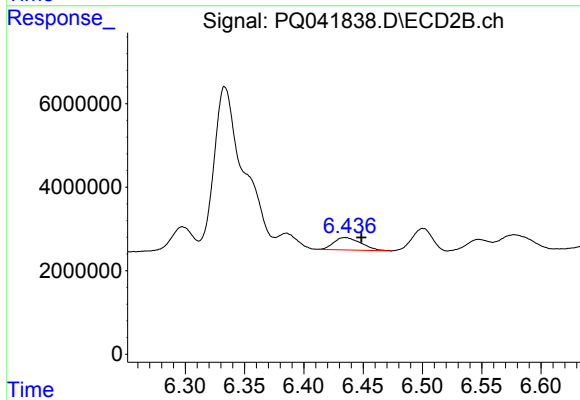
R.T.: 6.228 min
Delta R.T.: -0.006 min
Response: 7609971
Conc: 53.12 ng/ml



#5 AR-1016-3

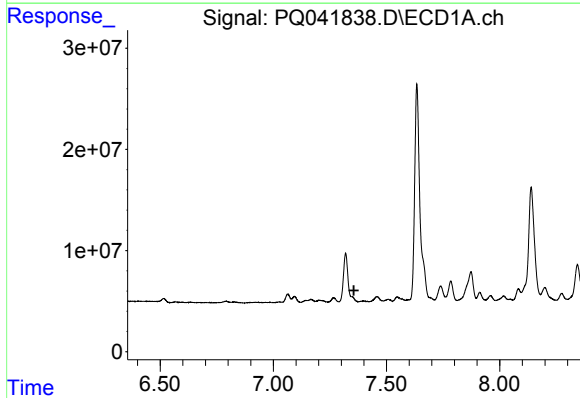
R.T.: 0.000 min
Exp R.T.: 7.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



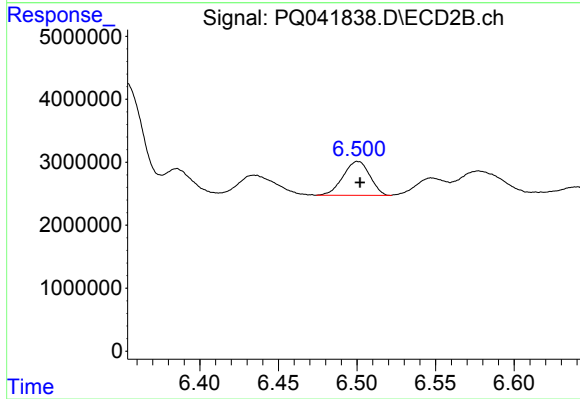
#5 AR-1016-3

R.T.: 6.435 min
Delta R.T.: -0.014 min
Response: 4691176
Conc: 62.91 ng/ml



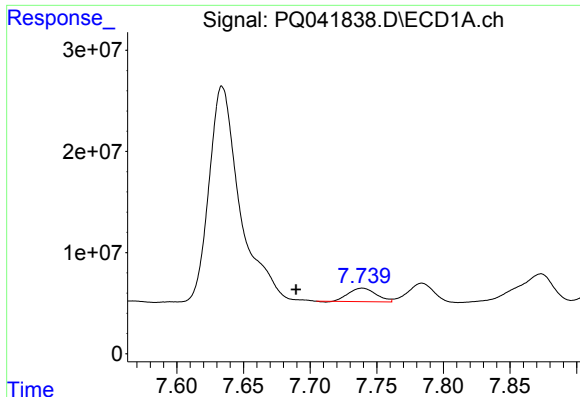
#6 AR-1016-4

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



#6 AR-1016-4

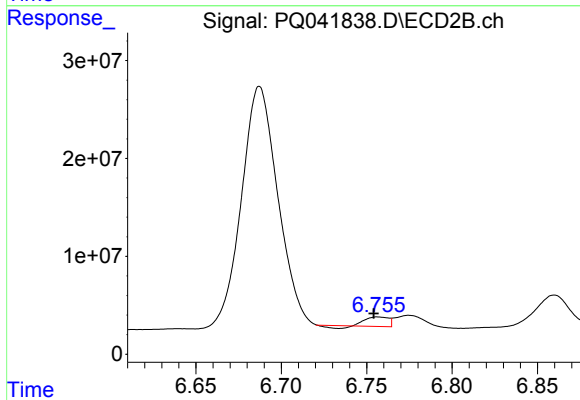
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 6390568
Conc: 103.06 ng/ml



#7 AR-1016-5

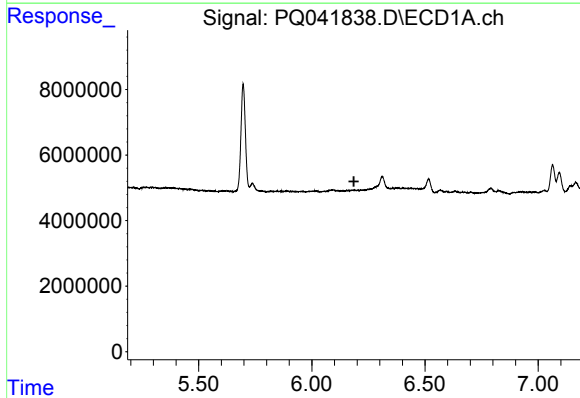
R.T.: 7.739 min
Delta R.T.: 0.050 min
Response: 19238695
Conc: 244.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



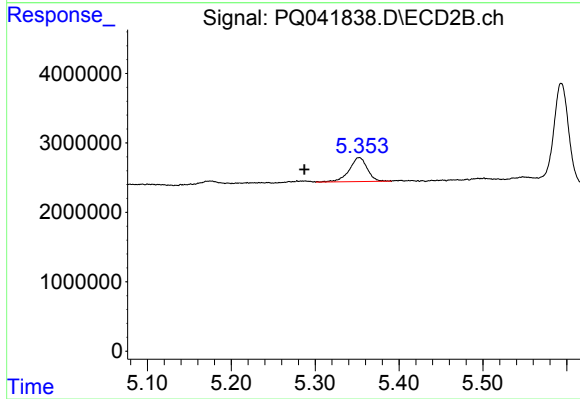
#7 AR-1016-5

R.T.: 6.756 min
Delta R.T.: 0.002 min
Response: 7641680
Conc: 93.87 ng/ml



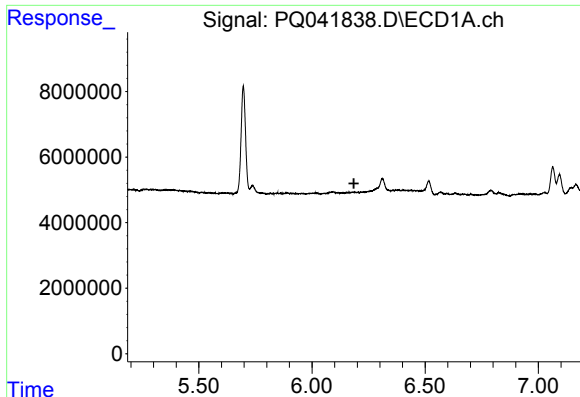
#10 AR-1221-3

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



#10 AR-1221-3

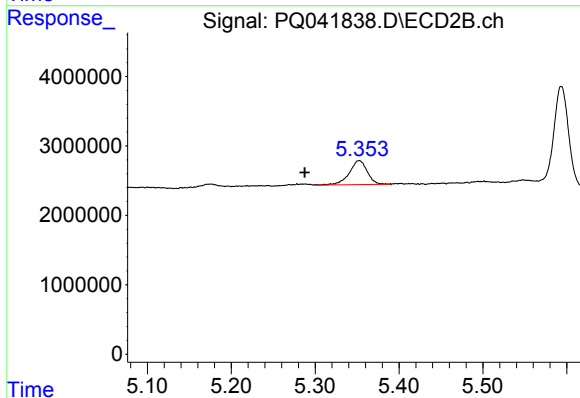
R.T.: 5.353 min
Delta R.T.: 0.066 min
Response: 5177537
Conc: 94.94 ng/ml



#11 AR-1232-1

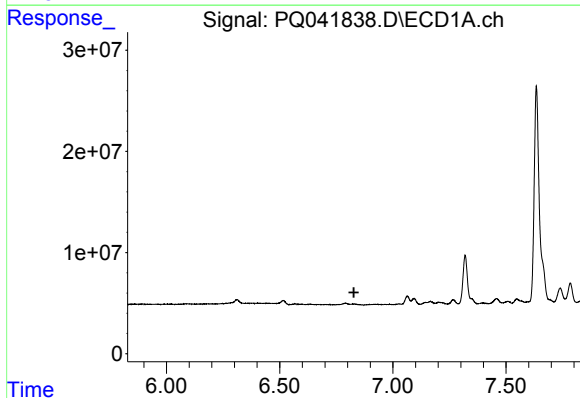
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



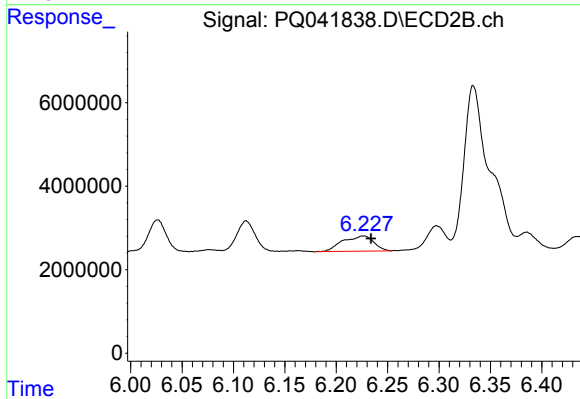
#11 AR-1232-1

R.T.: 5.353 min
Delta R.T.: 0.065 min
Response: 5177537
Conc: 107.22 ng/ml



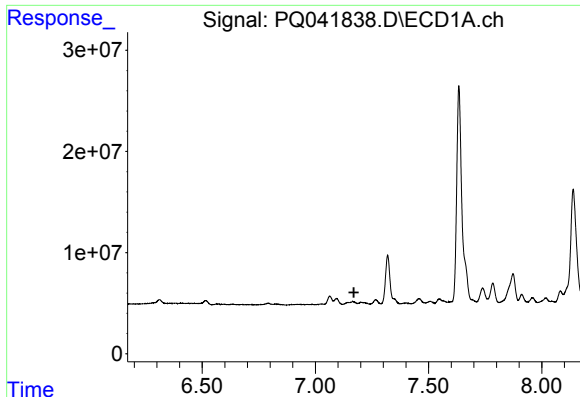
#12 AR-1232-2

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



#12 AR-1232-2

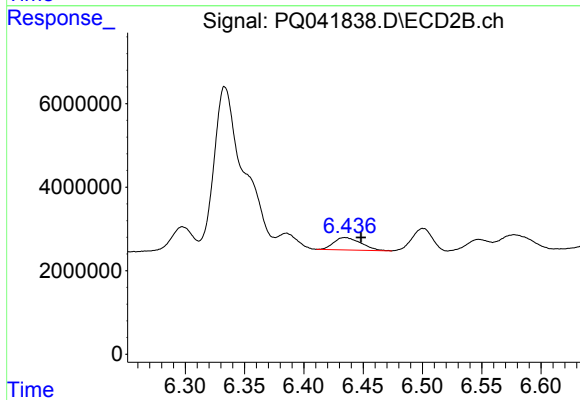
R.T.: 6.228 min
Delta R.T.: -0.006 min
Response: 7609971
Conc: 133.44 ng/ml



#13 AR-1232-3

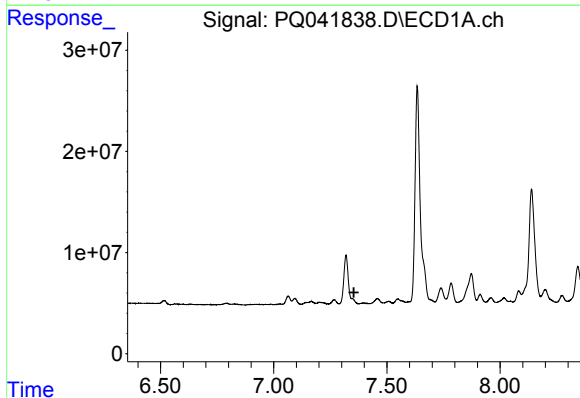
R.T.: 0.000 min
Exp R.T.: 7.170 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



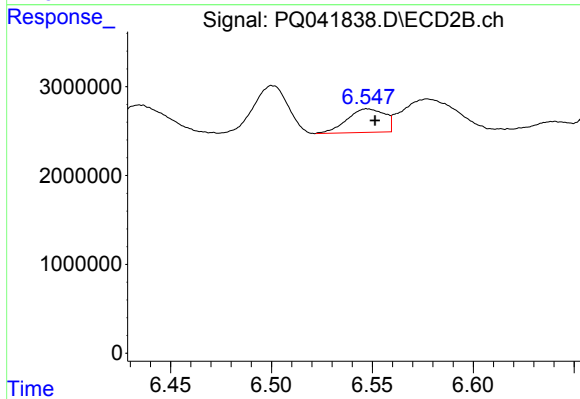
#13 AR-1232-3

R.T.: 6.435 min
Delta R.T.: -0.014 min
Response: 4691176
Conc: 157.32 ng/ml



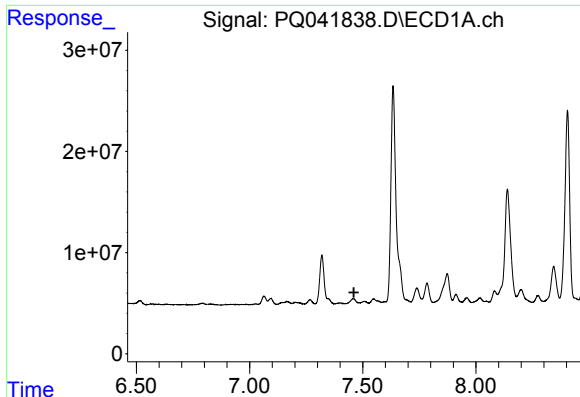
#14 AR-1232-4

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



#14 AR-1232-4

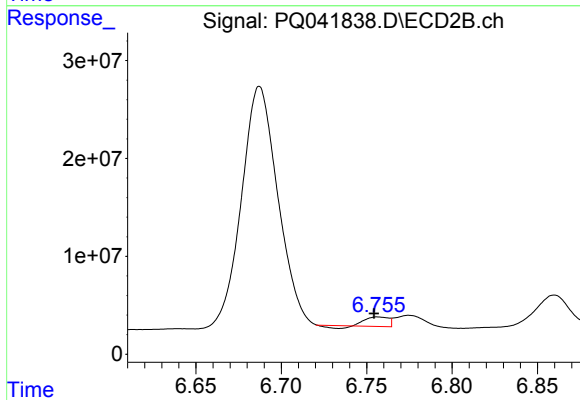
R.T.: 6.547 min
Delta R.T.: -0.004 min
Response: 3438647
Conc: 128.80 ng/ml



#15 AR-1232-5

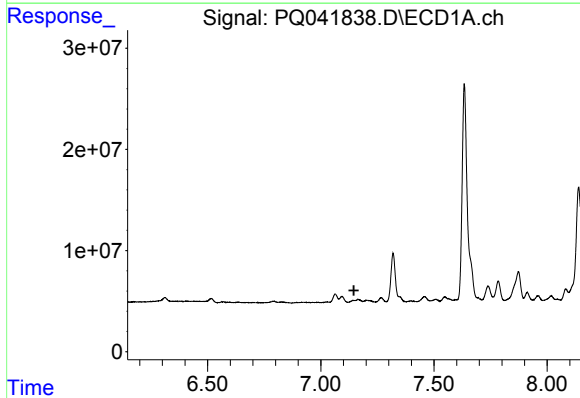
R.T.: 0.000 min
Exp R.T.: 7.461 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



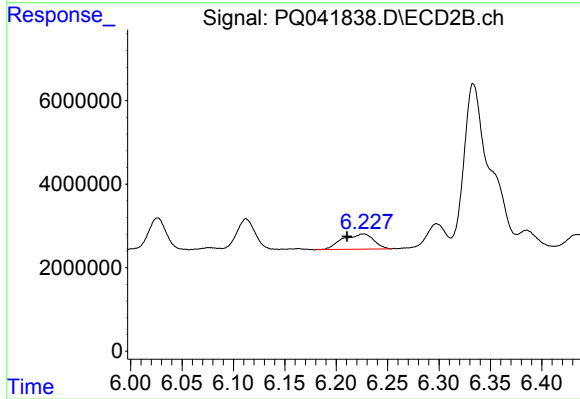
#15 AR-1232-5

R.T.: 6.756 min
Delta R.T.: 0.002 min
Response: 7641680
Conc: 260.58 ng/ml



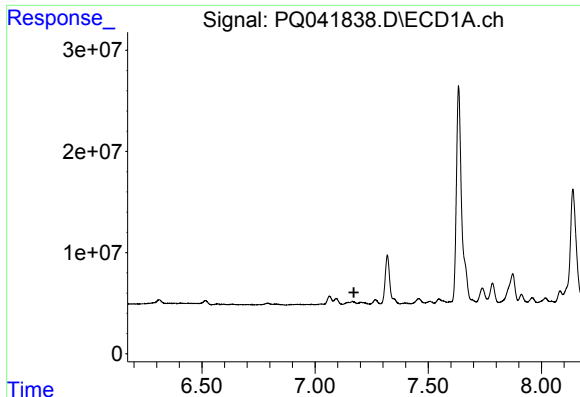
#16 AR-1242-1

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



#16 AR-1242-1

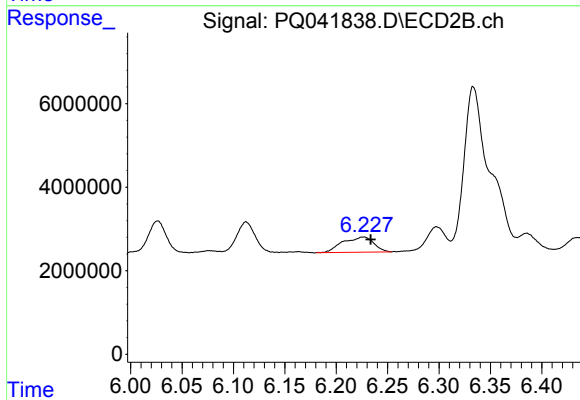
R.T.: 6.228 min
Delta R.T.: 0.017 min
Response: 7609971
Conc: 92.99 ng/ml



#17 AR-1242-2

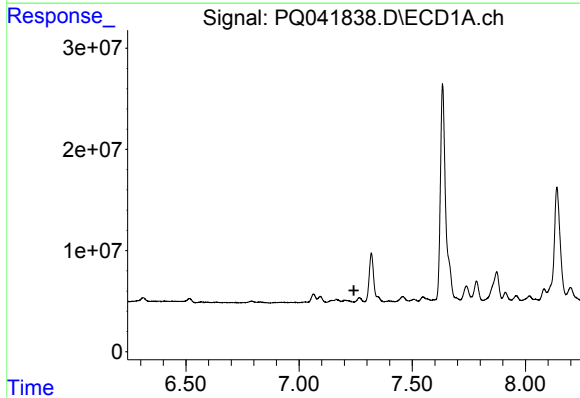
R.T.: 0.000 min
Exp R.T.: 7.171 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



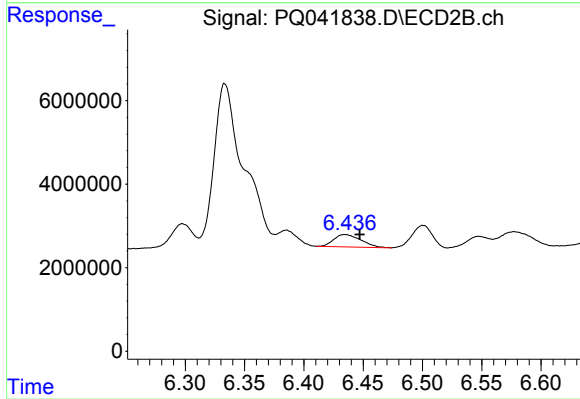
#17 AR-1242-2

R.T.: 6.228 min
Delta R.T.: -0.006 min
Response: 7609971
Conc: 67.38 ng/ml



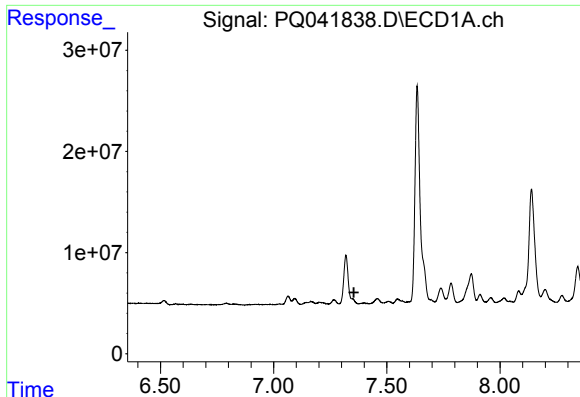
#18 AR-1242-3

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



#18 AR-1242-3

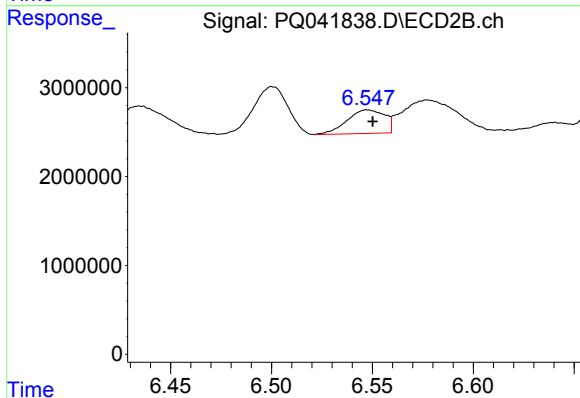
R.T.: 6.435 min
Delta R.T.: -0.013 min
Response: 4691176
Conc: 79.41 ng/ml



#19 AR-1242-4

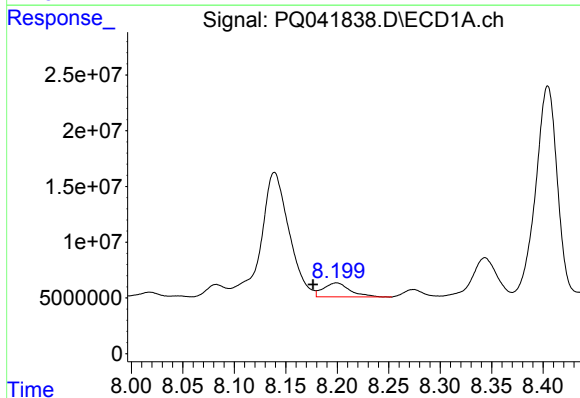
R.T.: 0.000 min
Exp R.T.: 7.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



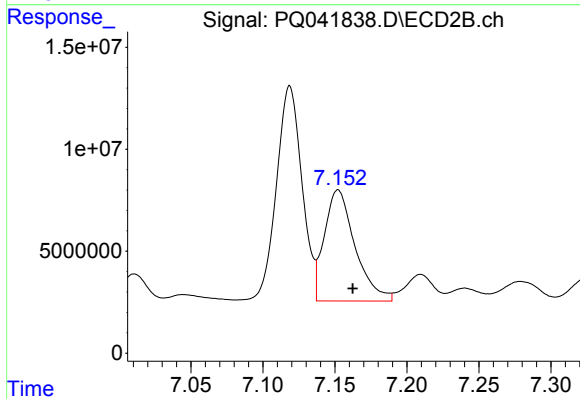
#19 AR-1242-4

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 3438647
Conc: 57.99 ng/ml



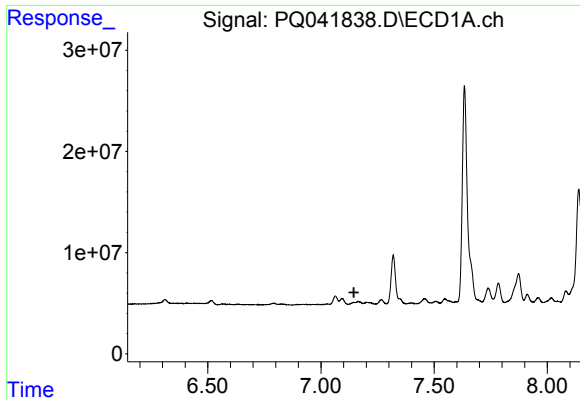
#20 AR-1242-5

R.T.: 8.199 min
Delta R.T.: 0.023 min
Response: 22398519
Conc: 252.45 ng/ml



#20 AR-1242-5

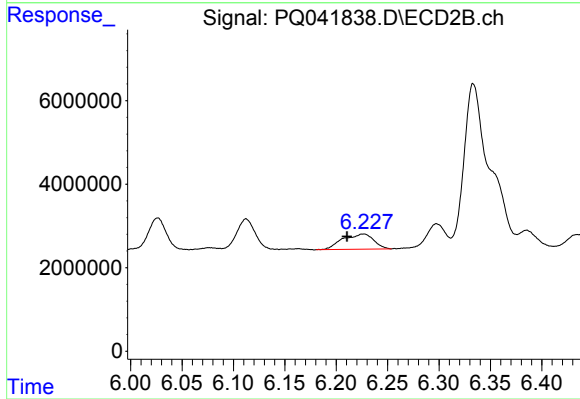
R.T.: 7.152 min
Delta R.T.: -0.010 min
Response: 80867643
Conc: 910.73 ng/ml



#21 AR-1248-1

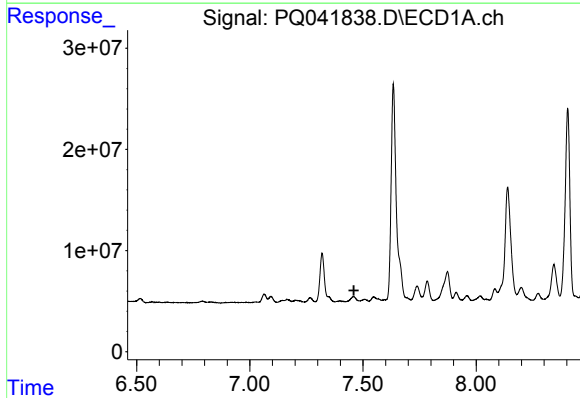
R.T.: 0.000 min
Exp R.T.: 7.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



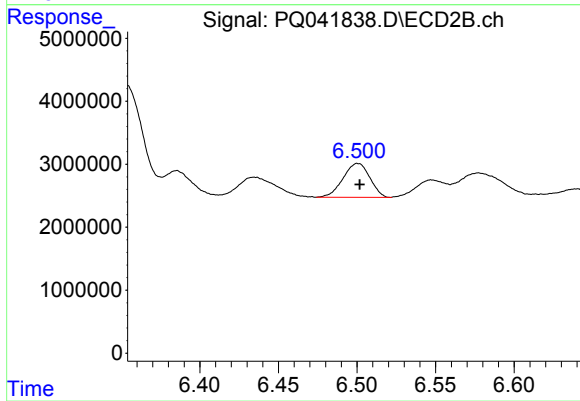
#21 AR-1248-1

R.T.: 6.228 min
Delta R.T.: 0.017 min
Response: 7609971
Conc: 114.77 ng/ml



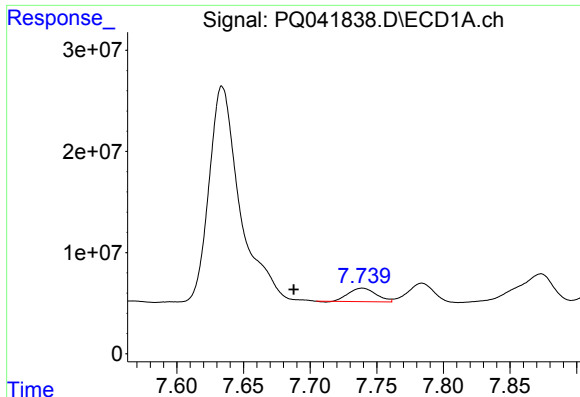
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 7.460 min
Response: 0
Conc: N.D.



#22 AR-1248-2

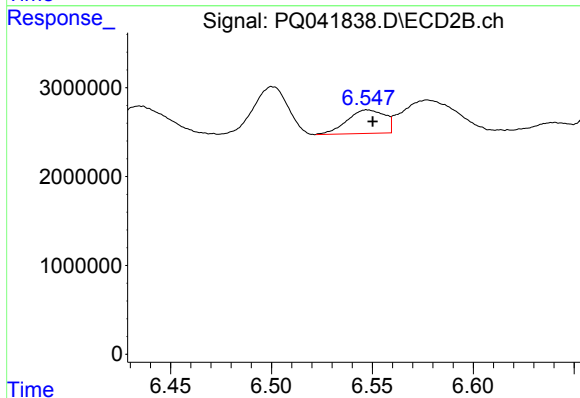
R.T.: 6.500 min
Delta R.T.: -0.001 min
Response: 6390568
Conc: 73.30 ng/ml



#23 AR-1248-3

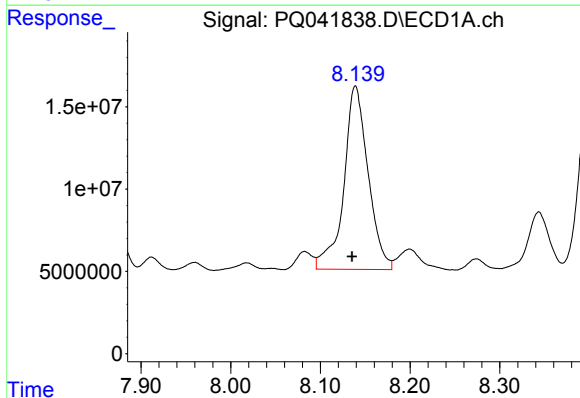
R.T.: 7.739 min
Delta R.T.: 0.052 min
Response: 19238695
Conc: 171.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



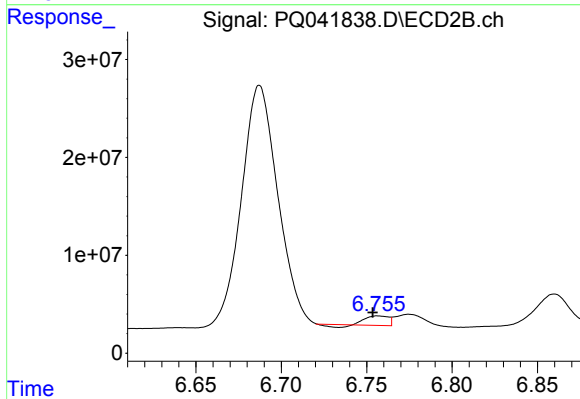
#23 AR-1248-3

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 3438647
Conc: 38.53 ng/ml



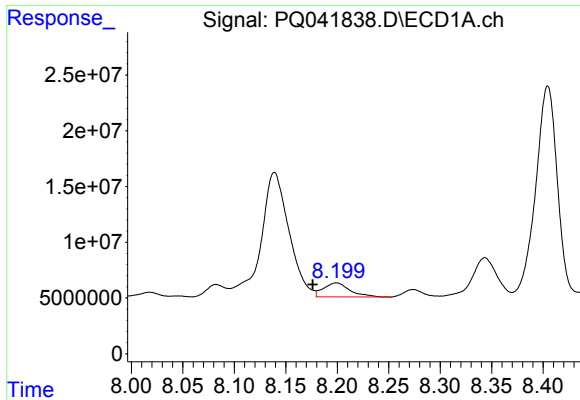
#24 AR-1248-4

R.T.: 8.139 min
Delta R.T.: 0.004 min
Response: 209626130
Conc: 1340.68 ng/ml



#24 AR-1248-4

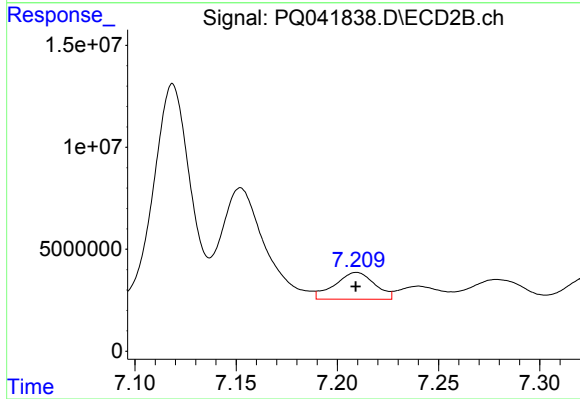
R.T.: 6.756 min
Delta R.T.: 0.003 min
Response: 7641680
Conc: 69.38 ng/ml



#25 AR-1248-5

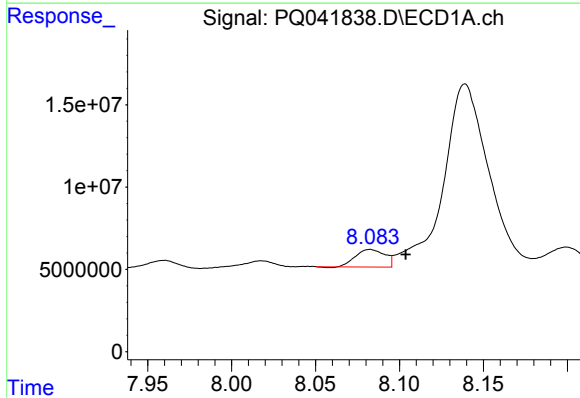
R.T.: 8.199 min
Delta R.T.: 0.023 min
Response: 22398519
Conc: 148.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



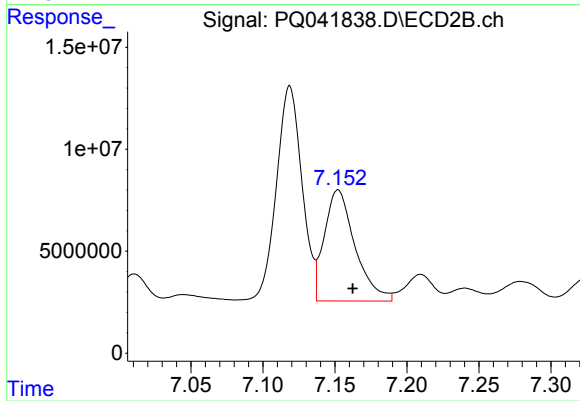
#25 AR-1248-5

R.T.: 7.210 min
Delta R.T.: 0.000 min
Response: 18003543
Conc: 140.46 ng/ml



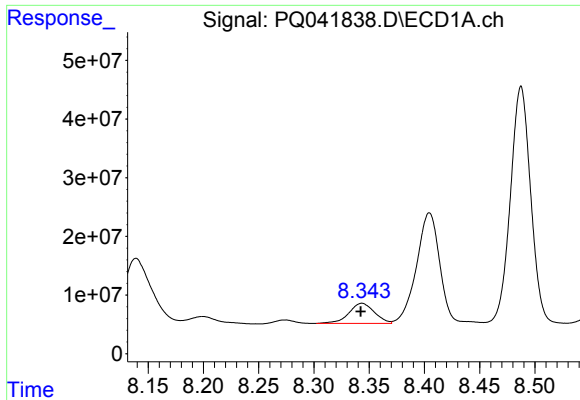
#26 AR-1254-1

R.T.: 8.082 min
Delta R.T.: -0.021 min
Response: 12894566
Conc: 92.69 ng/ml



#26 AR-1254-1

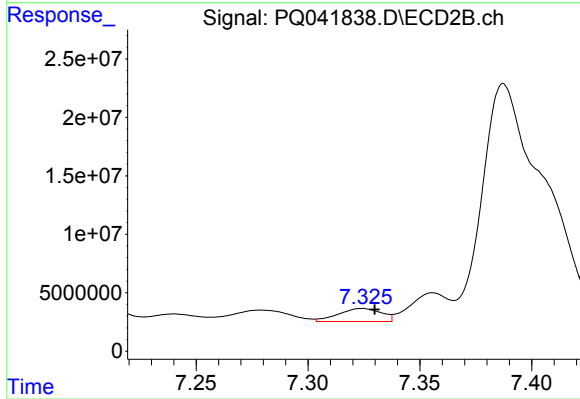
R.T.: 7.152 min
Delta R.T.: -0.010 min
Response: 80867643
Conc: 442.18 ng/ml



#27 AR-1254-2

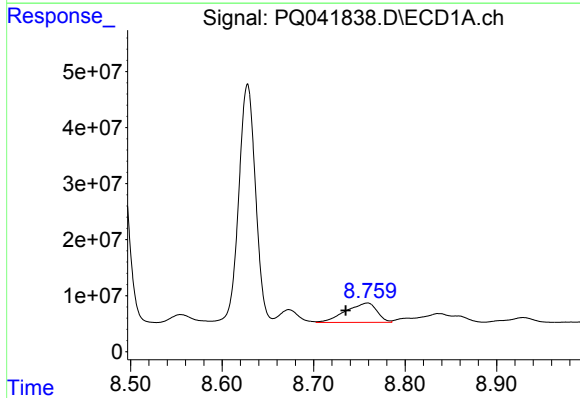
R.T.: 8.344 min
Delta R.T.: 0.001 min
Response: 55261659
Conc: 241.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



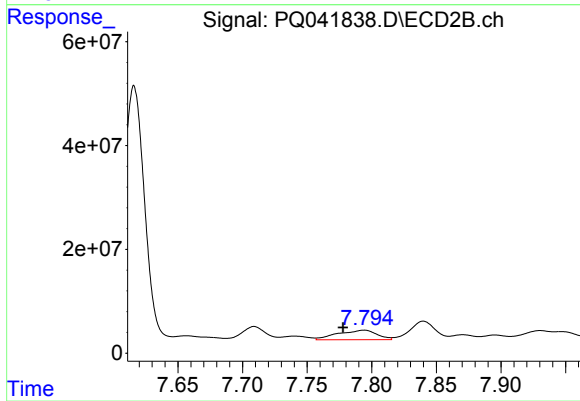
#27 AR-1254-2

R.T.: 7.324 min
Delta R.T.: -0.006 min
Response: 14974608
Conc: 92.51 ng/ml



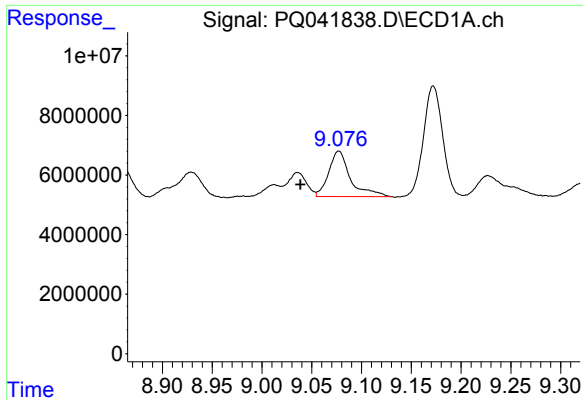
#28 AR-1254-3

R.T.: 8.759 min
Delta R.T.: 0.024 min
Response: 81938229
Conc: 299.67 ng/ml



#28 AR-1254-3

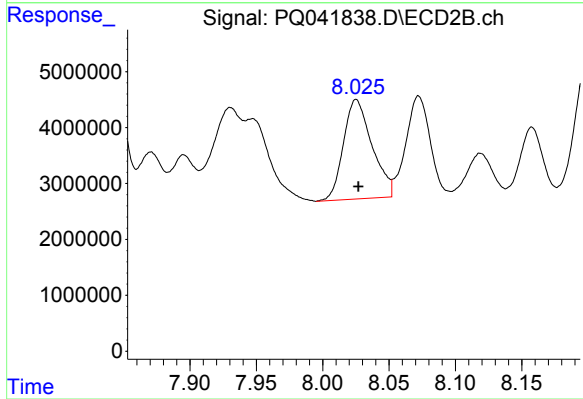
R.T.: 7.794 min
Delta R.T.: 0.016 min
Response: 38477673
Conc: 133.41 ng/ml



#29 AR-1254-4

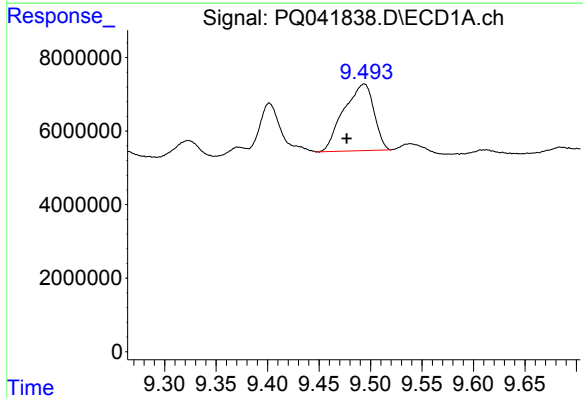
R.T.: 9.077 min
Delta R.T.: 0.038 min
Response: 23128367
Conc: 93.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



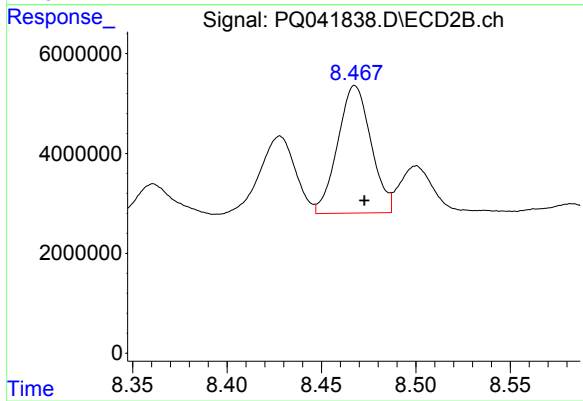
#29 AR-1254-4

R.T.: 8.025 min
Delta R.T.: -0.002 min
Response: 26682005
Conc: 122.92 ng/ml



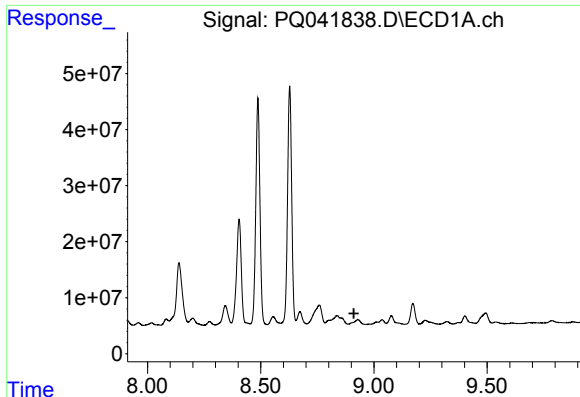
#30 AR-1254-5

R.T.: 9.494 min
Delta R.T.: 0.017 min
Response: 36965853
Conc: 136.48 ng/ml



#30 AR-1254-5

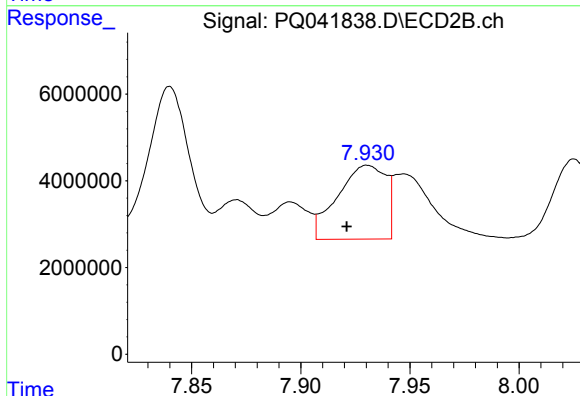
R.T.: 8.468 min
Delta R.T.: -0.005 min
Response: 31359725
Conc: 104.27 ng/ml



#31 AR-1260-1

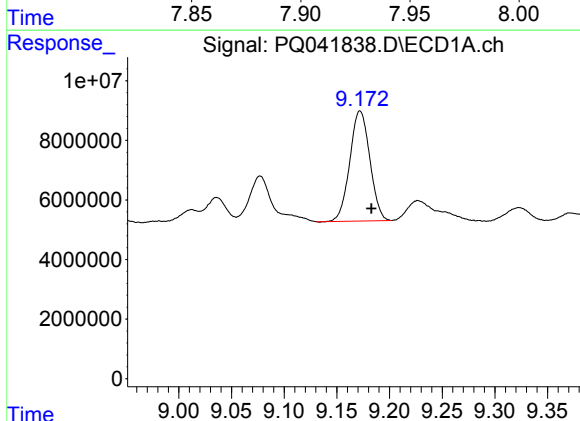
R.T.: 0.000 min
Exp R.T.: 8.912 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



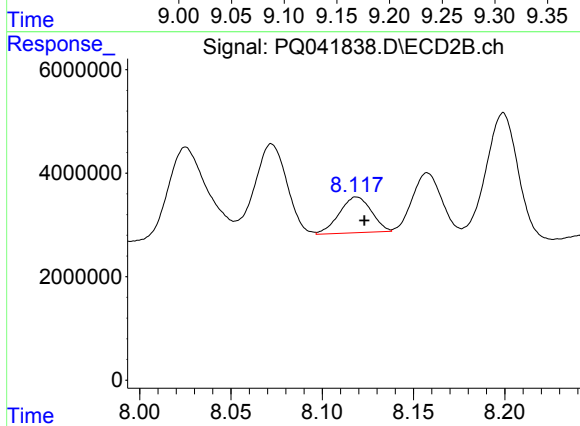
#31 AR-1260-1

R.T.: 7.931 min
Delta R.T.: 0.009 min
Response: 26234675
Conc: 144.60 ng/ml



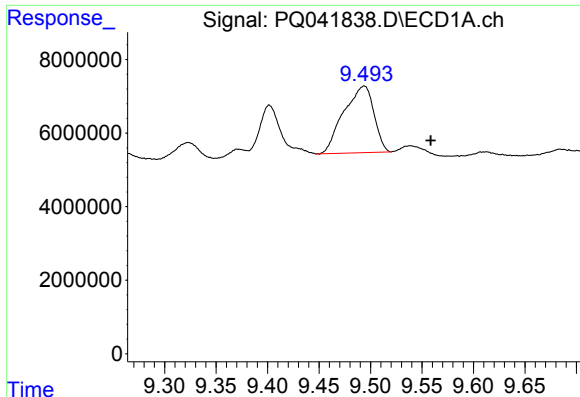
#32 AR-1260-2

R.T.: 9.172 min
Delta R.T.: -0.011 min
Response: 49001402
Conc: 194.24 ng/ml



#32 AR-1260-2

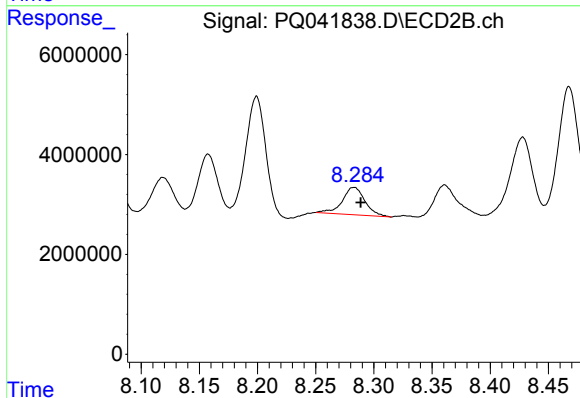
R.T.: 8.119 min
Delta R.T.: -0.004 min
Response: 8471537
Conc: 34.53 ng/ml



#33 AR-1260-3

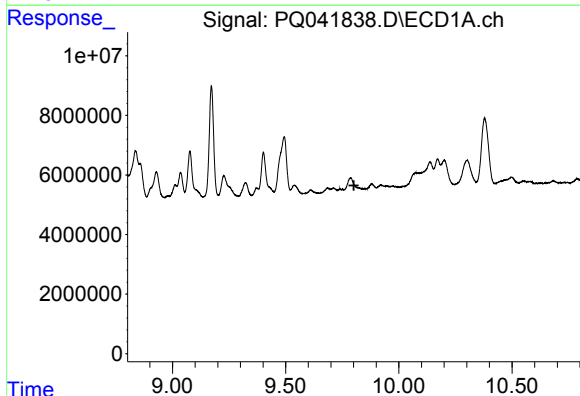
R.T.: 9.494 min
Delta R.T.: -0.065 min
Response: 36965853
Conc: 161.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



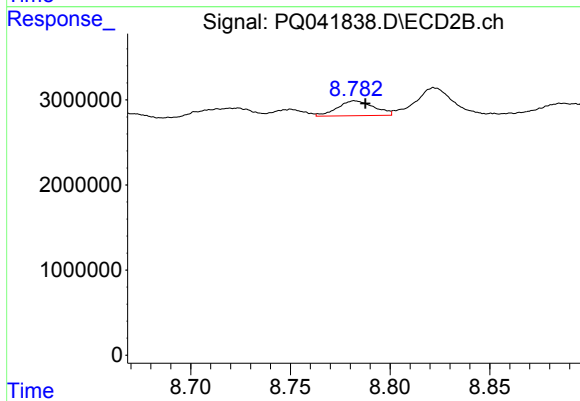
#33 AR-1260-3

R.T.: 8.283 min
Delta R.T.: -0.006 min
Response: 7465344
Conc: 35.09 ng/ml



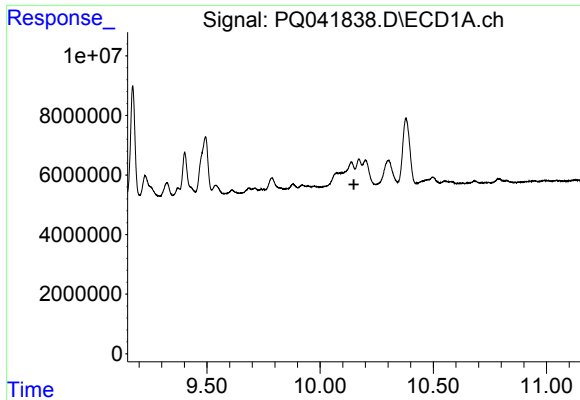
#34 AR-1260-4

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



#34 AR-1260-4

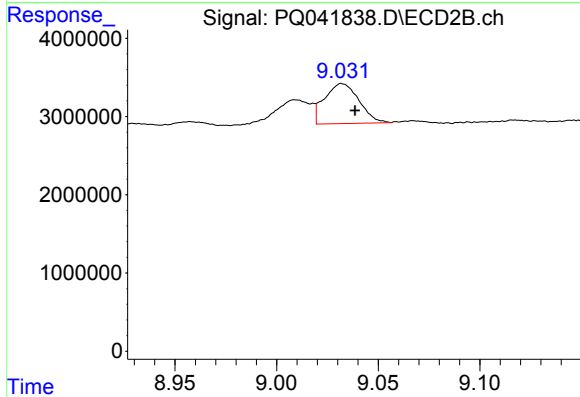
R.T.: 8.782 min
Delta R.T.: -0.005 min
Response: 2226543
Conc: 11.01 ng/ml



#35 AR-1260-5

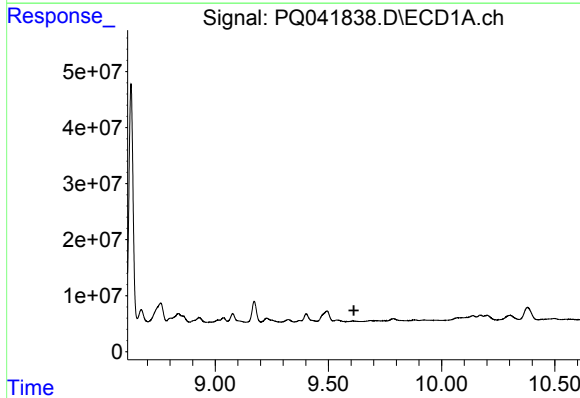
R.T.: 0.000 min
Exp R.T. : 10.149 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



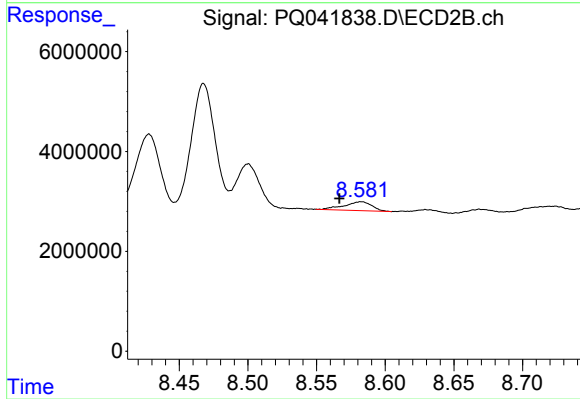
#35 AR-1260-5

R.T.: 9.032 min
Delta R.T.: -0.006 min
Response: 6011488
Conc: 10.19 ng/ml



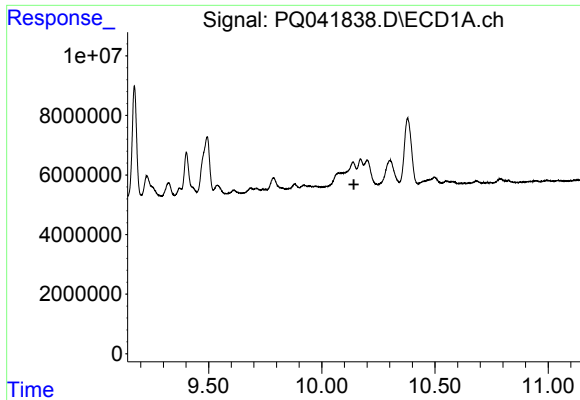
#36 AR-1262-1

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



#36 AR-1262-1

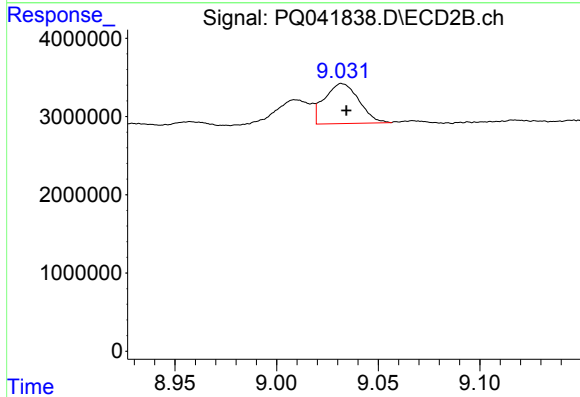
R.T.: 8.582 min
Delta R.T.: 0.016 min
Response: 2514038
Conc: 17.52 ng/ml



#37 AR-1262-2

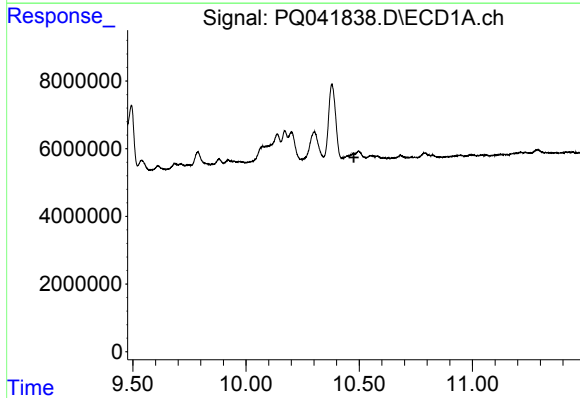
R.T.: 0.000 min
Exp R.T.: 10.142 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



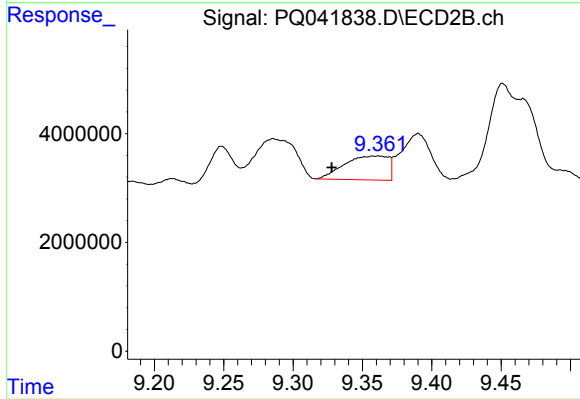
#37 AR-1262-2

R.T.: 9.032 min
Delta R.T.: -0.002 min
Response: 6011488
Conc: 8.11 ng/ml



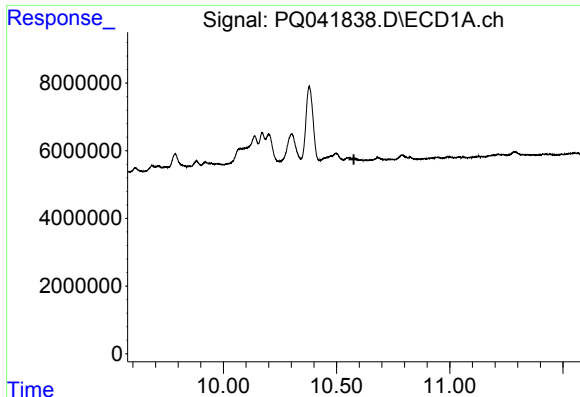
#38 AR-1262-3

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



#38 AR-1262-3

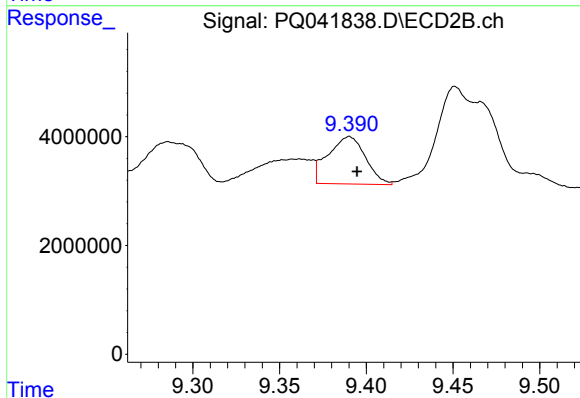
R.T.: 9.362 min
Delta R.T.: 0.034 min
Response: 9721954
Conc: 30.73 ng/ml



#39 AR-1262-4

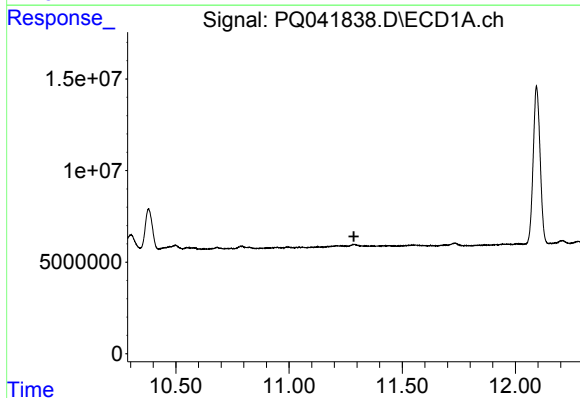
R.T.: 0.000 min
Exp R.T.: 10.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



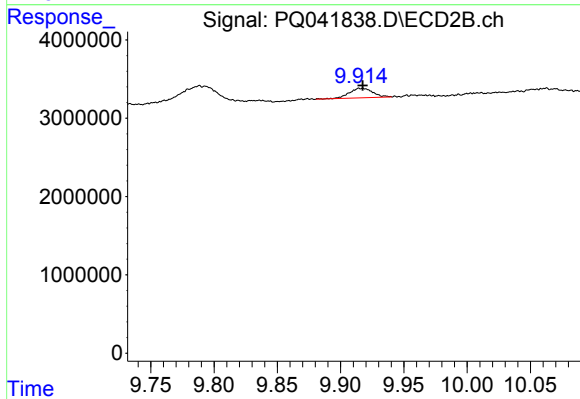
#39 AR-1262-4

R.T.: 9.390 min
Delta R.T.: -0.004 min
Response: 13124050
Conc: 23.34 ng/ml



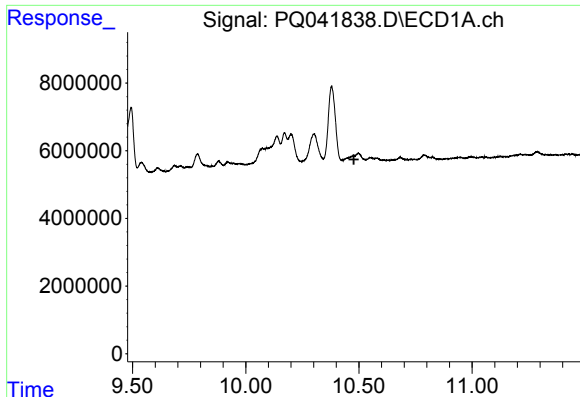
#40 AR-1262-5

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



#40 AR-1262-5

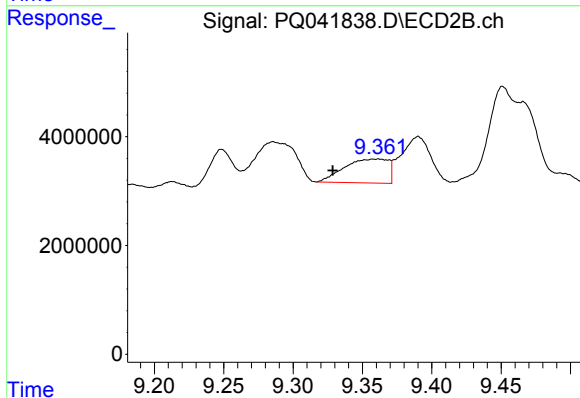
R.T.: 9.916 min
Delta R.T.: -0.001 min
Response: 1536574
Conc: 5.38 ng/ml



#41 AR-1268-1

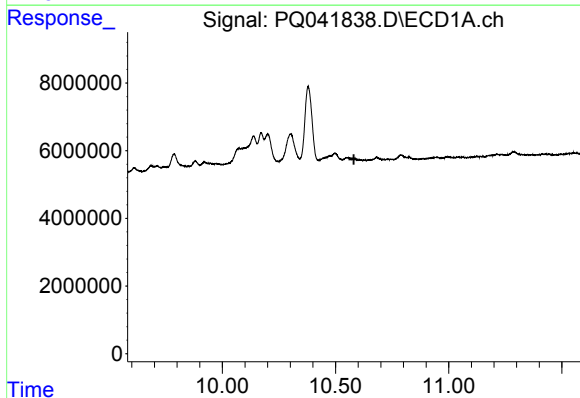
R.T.: 0.000 min
Exp R.T.: 10.478 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



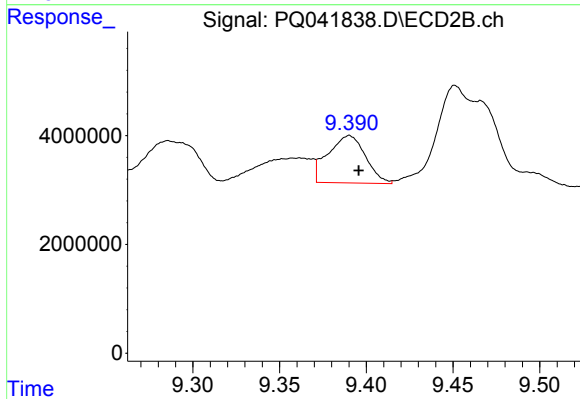
#41 AR-1268-1

R.T.: 9.362 min
Delta R.T.: 0.033 min
Response: 9721954
Conc: 8.50 ng/ml



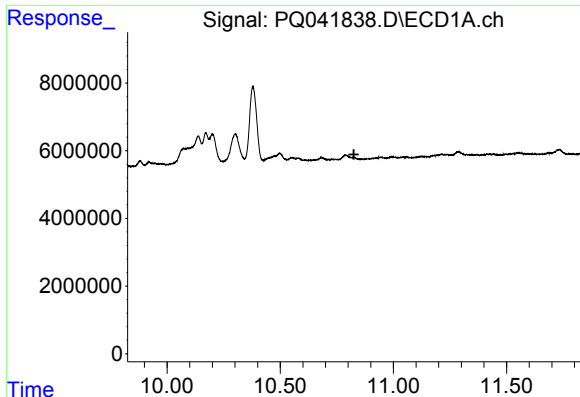
#42 AR-1268-2

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



#42 AR-1268-2

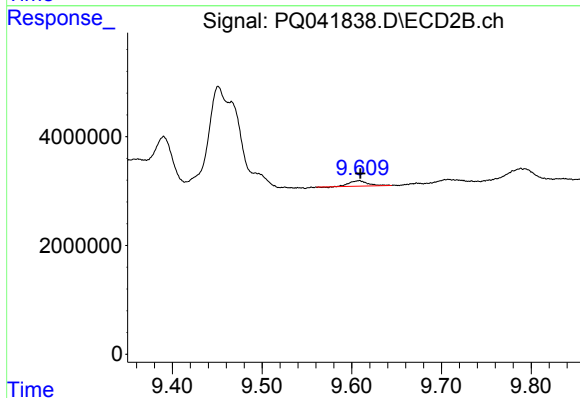
R.T.: 9.390 min
Delta R.T.: -0.005 min
Response: 13124050
Conc: 12.78 ng/ml



#43 AR-1268-3

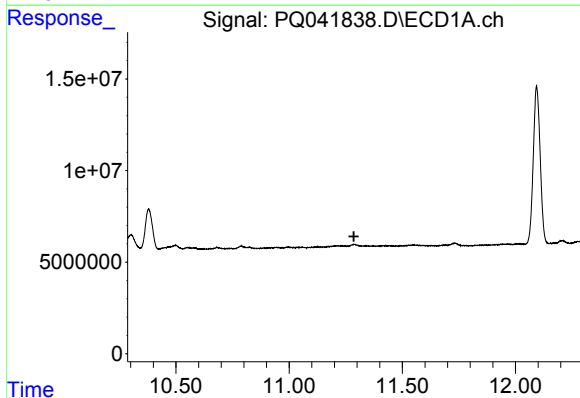
R.T.: 0.000 min
Exp R.T.: 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



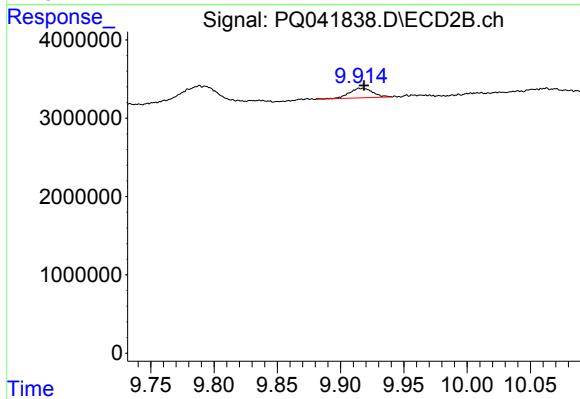
#43 AR-1268-3

R.T.: 9.608 min
Delta R.T.: -0.001 min
Response: 1426634
Conc: 1.64 ng/ml



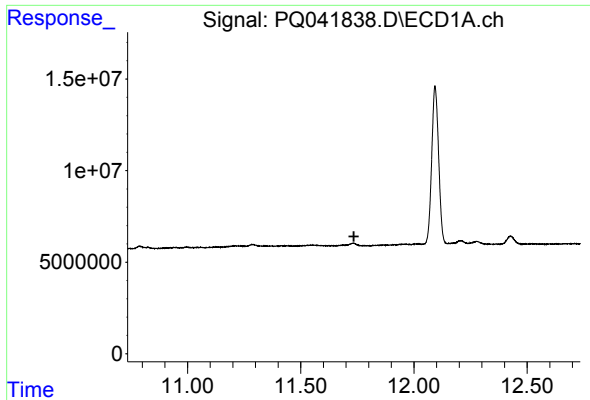
#44 AR-1268-4

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



#44 AR-1268-4

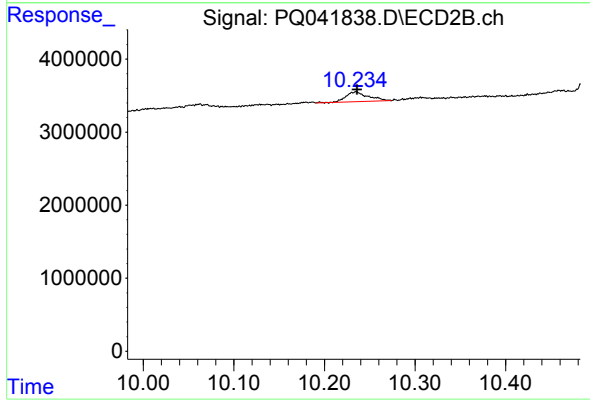
R.T.: 9.916 min
Delta R.T.: -0.002 min
Response: 1536574
Conc: 3.99 ng/ml



#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.: 10.235 min
Delta R.T.: -0.001 min
Response: 2312778
Conc: 0.89 ng/ml