

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
 Data File : PQ041823.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2019 18:12
 Operator : SM\AJ
 Sample : K3020-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 01:08:50 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	4.755	31121032	27444549	13.570	14.240
2)	SA Decachlor...	12.099	10.514	138.5E6	92682141	16.425	19.160
Target Compounds							
3)	L1 AR-1016-1	0.000	6.208	0	4211121	N.D.	40.582 #
4)	L1 AR-1016-2	0.000	6.231	0	7034312	N.D.	49.099 #
5)	L1 AR-1016-3	0.000	6.448	0	5073105	N.D.	68.030 #
6)	L1 AR-1016-4	0.000	6.498	0	5348226	N.D.	86.247 #
7)	L1 AR-1016-5	7.635	6.753	6742453	4133894	85.771	50.783 #
10)	L2 AR-1221-3	0.000	5.284	0	1181587	N.D.	21.668 #
11)	L3 AR-1232-1	0.000	5.284	0	1181587	N.D.	24.470 #
12)	L3 AR-1232-2	0.000	6.231	0	7034312	N.D.	123.349 #
13)	L3 AR-1232-3	0.000	6.448	0	5073105	N.D.	170.127 #
14)	L3 AR-1232-4	0.000	6.547	0	5890462	N.D.	220.644 #
15)	L3 AR-1232-5	0.000	6.753	0	4133894	N.D.	140.963 #
16)	L4 AR-1242-1	0.000	6.208	0	4211121	N.D.	51.456 #
17)	L4 AR-1242-2	0.000	6.231	0	7034312	N.D.	62.285 #
18)	L4 AR-1242-3	0.000	6.448	0	5073105	N.D.	85.879 #
19)	L4 AR-1242-4	0.000	6.547	0	5890462	N.D.	99.338 #
20)	L4 AR-1242-5	8.138	7.162	22487242	21122479	253.446	237.881
21)	L5 AR-1248-1	0.000	6.208	0	4211121	N.D.	63.512 #
22)	L5 AR-1248-2	0.000	6.498	0	5348226	N.D.	61.342 #
23)	L5 AR-1248-3	7.635	6.547	6742453	5890462	60.178	65.995
24)	L5 AR-1248-4	8.138	6.753	22487242	4133894	143.819	37.533 #
25)	L5 AR-1248-5	8.138	7.207	22487242	8981167	148.604	70.070 #
26)	L6 AR-1254-1	8.138	7.162	22487242	21122479	161.645	115.496 #
27)	L6 AR-1254-2	8.344	7.329	30761187	7189250	134.397	44.413 #
28)	L6 AR-1254-3	8.738	7.776	7562492	22385851	27.658	77.619 #
29)	L6 AR-1254-4	0.000	8.025	0	7479880	N.D.	34.458 #
30)	L6 AR-1254-5	0.000	8.470	0	8916138	N.D.	29.645 #
31)	L7 AR-1260-1	0.000	7.918	0	8338113	N.D.	45.958 #
32)	L7 AR-1260-2	9.175	8.120	24524533	5968177	97.213	24.327 #
33)	L7 AR-1260-3	0.000	8.285	0	3452619	N.D.	16.226 #
34)	L7 AR-1260-4	0.000	8.782	0	4111634	N.D.	20.326 #
35)	L7 AR-1260-5	10.143	9.035	34112986	8698527	50.643	14.738 #
36)	L8 AR-1262-1	0.000	8.566	0	3824876	N.D.	26.661 #
37)	L8 AR-1262-2	10.143	9.035	34112986	8698527	38.968	11.738 #
38)	L8 AR-1262-3	0.000	9.329	0	3418728	N.D.	10.806 #
39)	L8 AR-1262-4	0.000	9.395	0	5901155	N.D.	10.493 #
40)	L8 AR-1262-5	0.000	9.919	0	2150647	N.D.	7.530 #
41)	L9 AR-1268-1	0.000	9.329	0	3418728	N.D.	2.991 #
42)	L9 AR-1268-2	0.000	9.395	0	5901155	N.D.	5.748 #
43)	L9 AR-1268-3	0.000	9.609	0	5563102	N.D.	6.402 #

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Sample : K3020-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:08:50 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	0.000	9.919	0	2150647	N.D.	5.591 #
45)	L9 AR-1268-5	0.000	10.236	0	11972454	N.D.	4.609 #

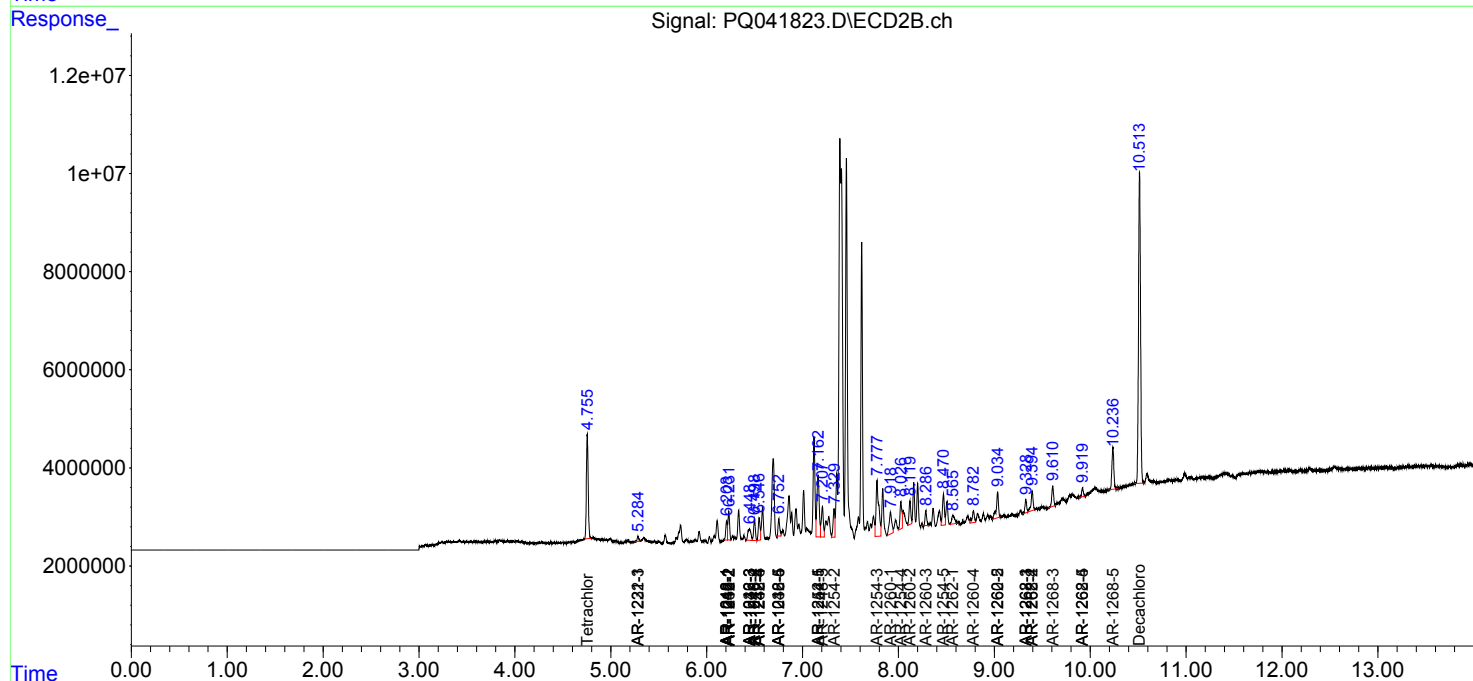
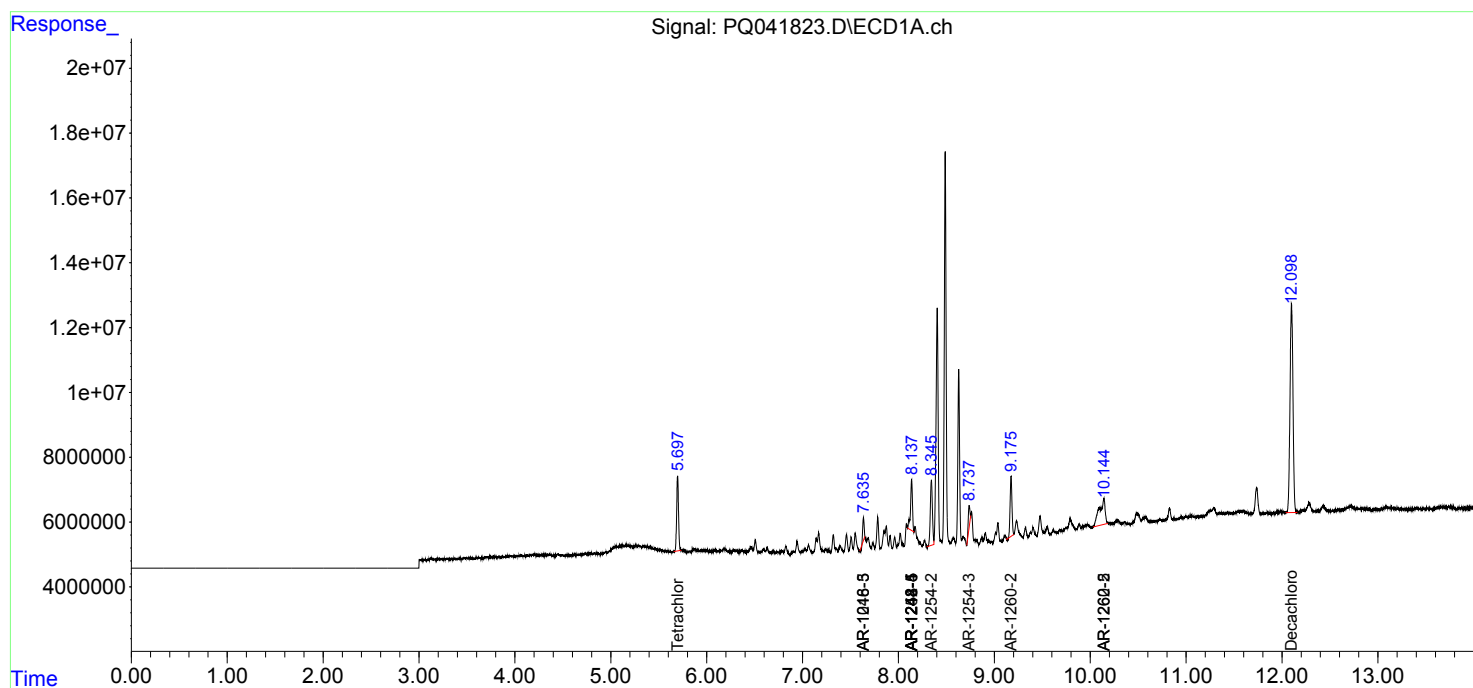
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

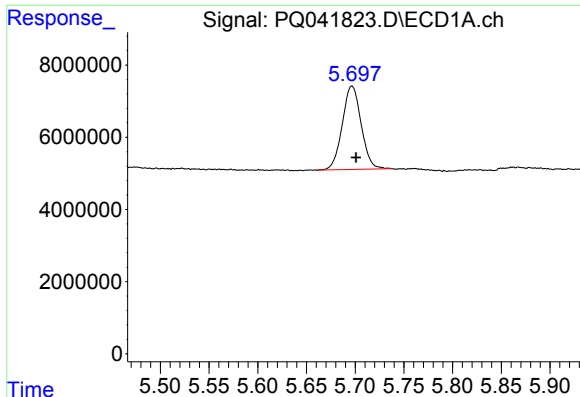
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

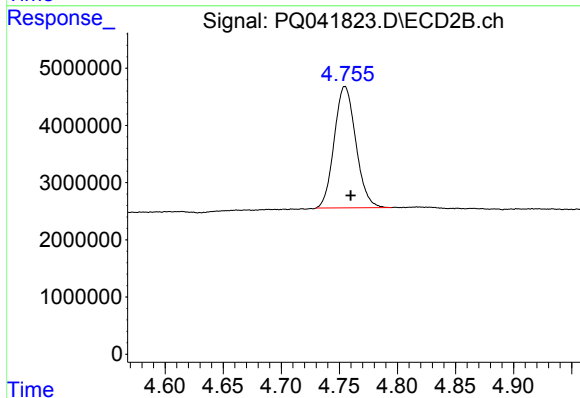




#1 Tetrachloro-m-xylene

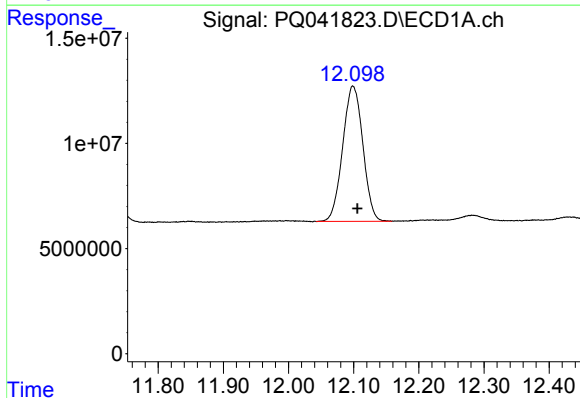
R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 31121032
Conc: 13.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



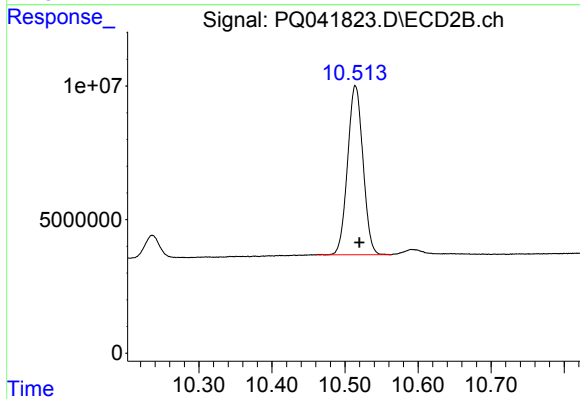
#1 Tetrachloro-m-xylene

R.T.: 4.755 min
Delta R.T.: -0.005 min
Response: 27444549
Conc: 14.24 ng/ml



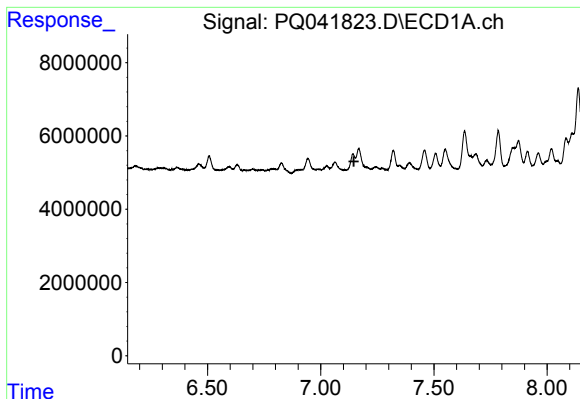
#2 Decachlorobiphenyl

R.T.: 12.099 min
Delta R.T.: -0.007 min
Response: 138487580
Conc: 16.43 ng/ml



#2 Decachlorobiphenyl

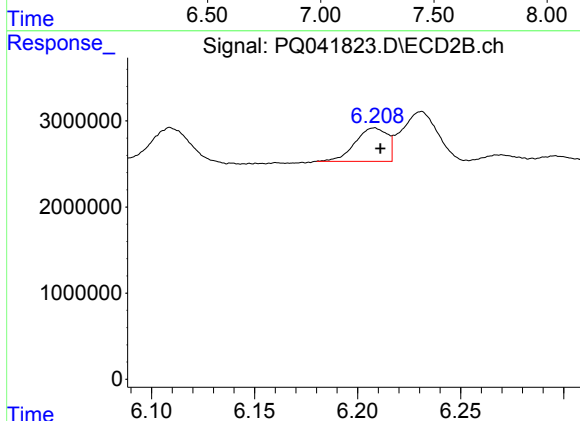
R.T.: 10.514 min
Delta R.T.: -0.005 min
Response: 92682141
Conc: 19.16 ng/ml



#3 AR-1016-1

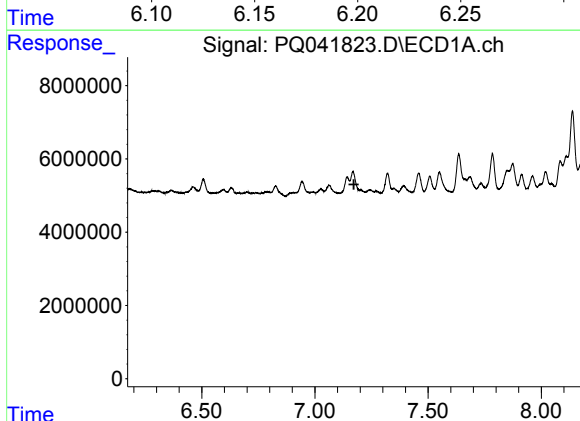
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



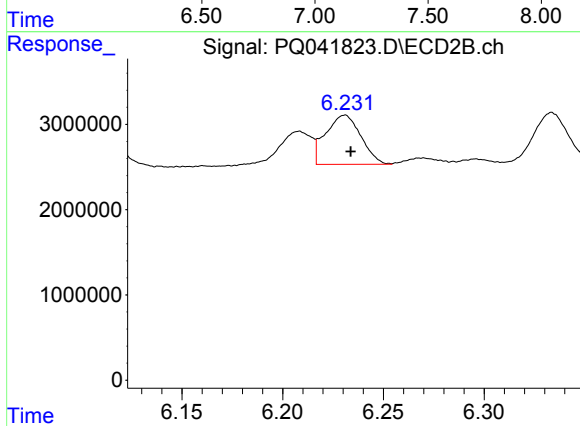
#3 AR-1016-1

R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 4211121
Conc: 40.58 ng/ml



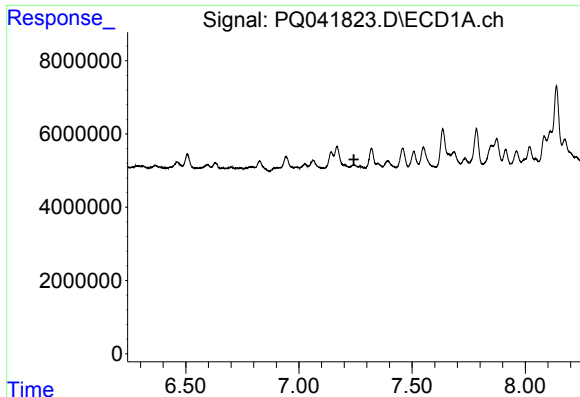
#4 AR-1016-2

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



#4 AR-1016-2

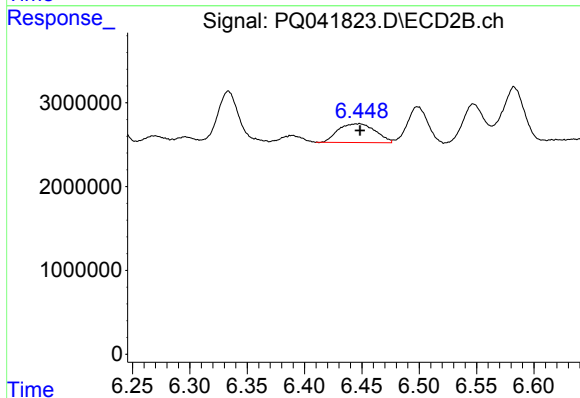
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 7034312
Conc: 49.10 ng/ml



#5 AR-1016-3

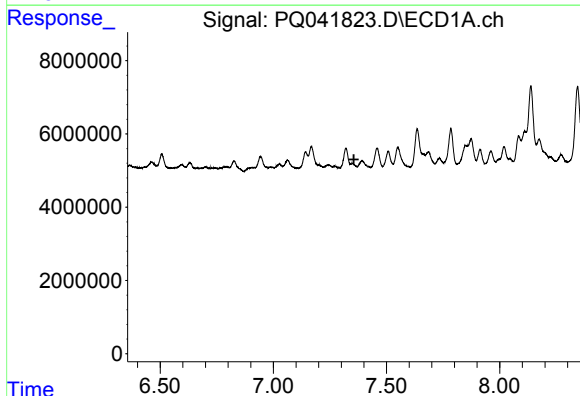
R.T.: 0.000 min
Exp R.T.: 7.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



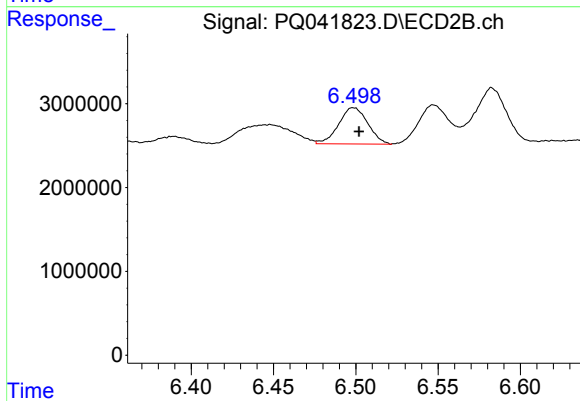
#5 AR-1016-3

R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 5073105
Conc: 68.03 ng/ml



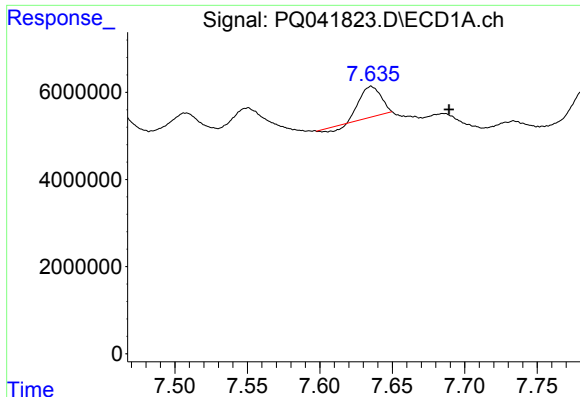
#6 AR-1016-4

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



#6 AR-1016-4

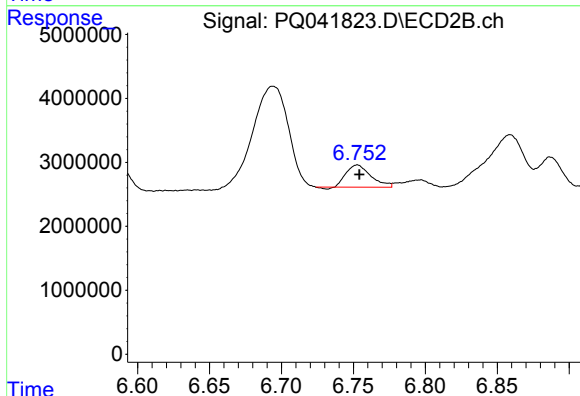
R.T.: 6.498 min
Delta R.T.: -0.004 min
Response: 5348226
Conc: 86.25 ng/ml



#7 AR-1016-5

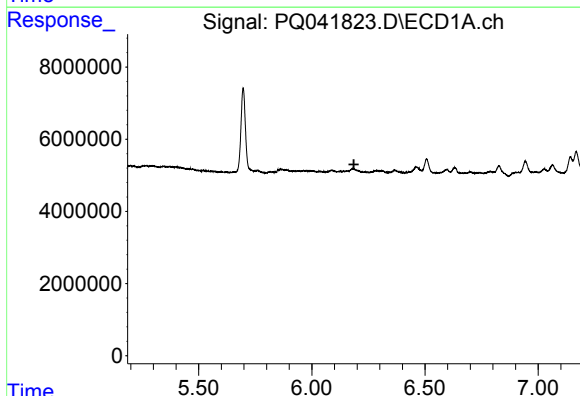
R.T.: 7.635 min
Delta R.T.: -0.054 min
Response: 6742453
Conc: 85.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



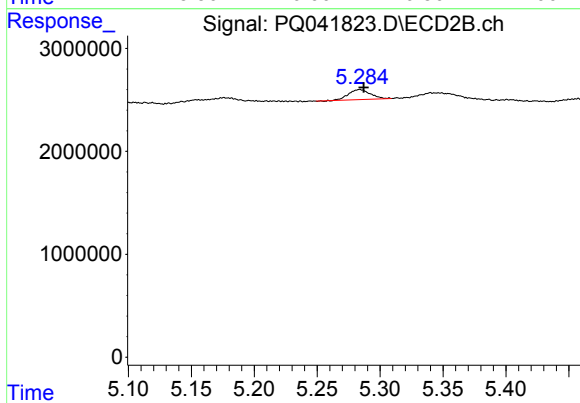
#7 AR-1016-5

R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 4133894
Conc: 50.78 ng/ml



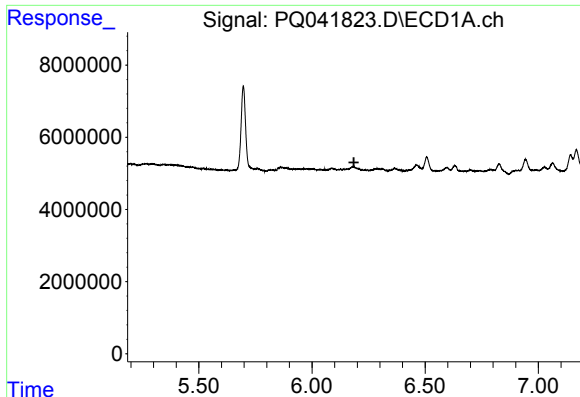
#10 AR-1221-3

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



#10 AR-1221-3

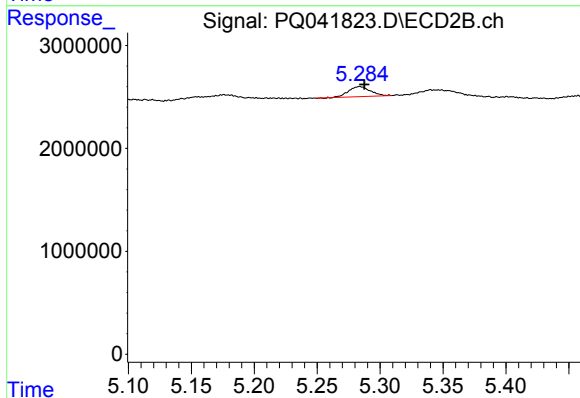
R.T.: 5.284 min
Delta R.T.: -0.003 min
Response: 1181587
Conc: 21.67 ng/ml



#11 AR-1232-1

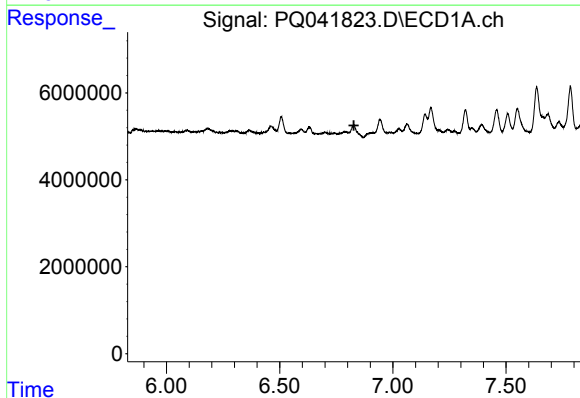
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



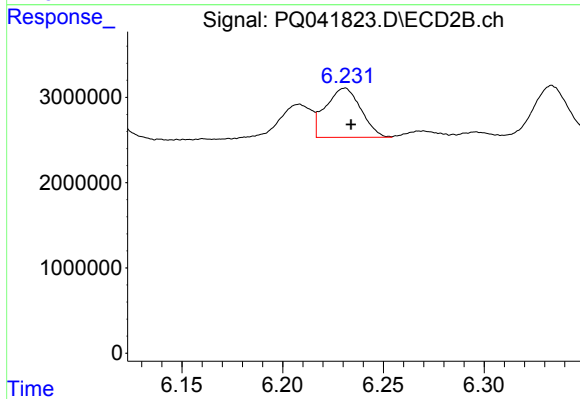
#11 AR-1232-1

R.T.: 5.284 min
Delta R.T.: -0.004 min
Response: 1181587
Conc: 24.47 ng/ml



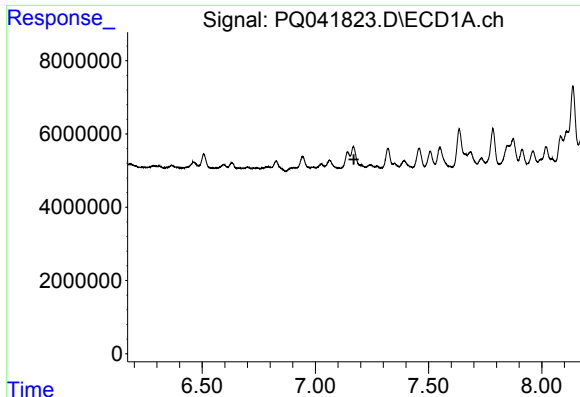
#12 AR-1232-2

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



#12 AR-1232-2

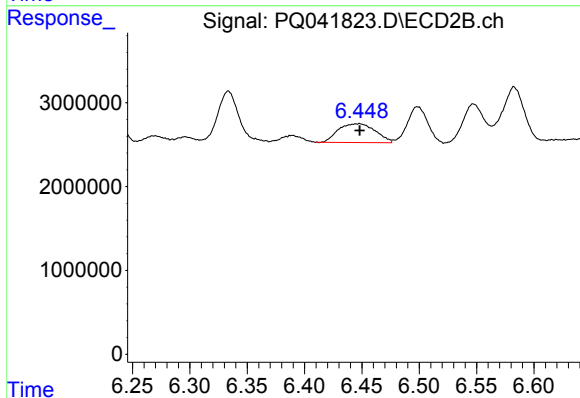
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 7034312
Conc: 123.35 ng/ml



#13 AR-1232-3

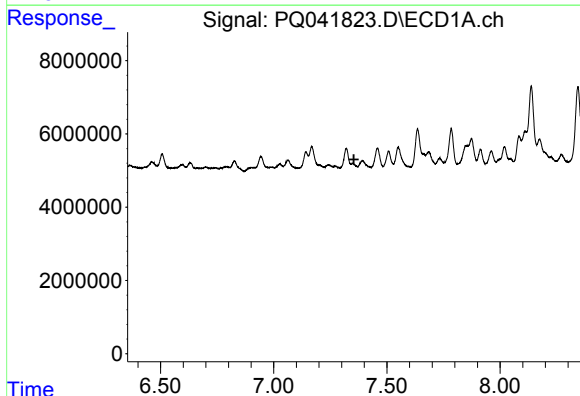
R.T.: 0.000 min
Exp R.T.: 7.170 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



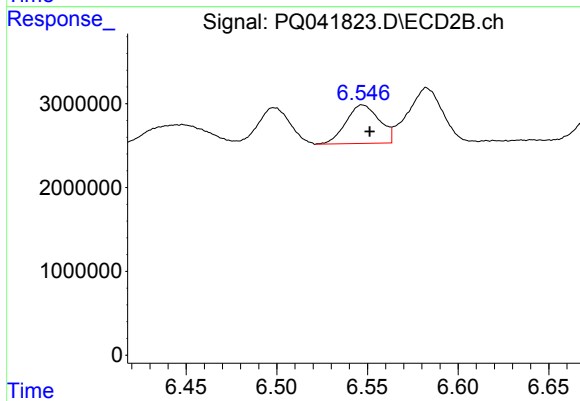
#13 AR-1232-3

R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 5073105
Conc: 170.13 ng/ml



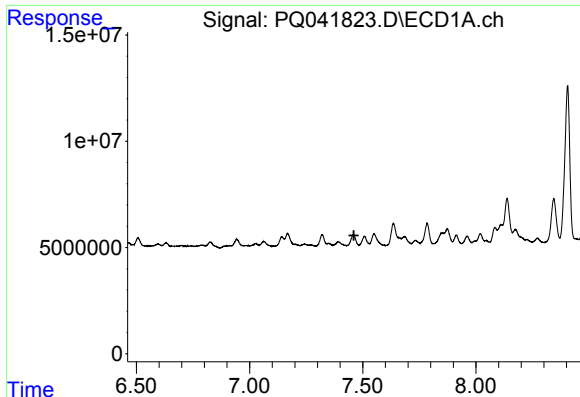
#14 AR-1232-4

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



#14 AR-1232-4

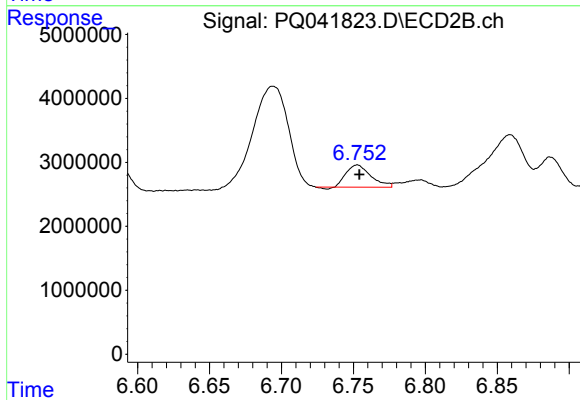
R.T.: 6.547 min
Delta R.T.: -0.004 min
Response: 5890462
Conc: 220.64 ng/ml



#15 AR-1232-5

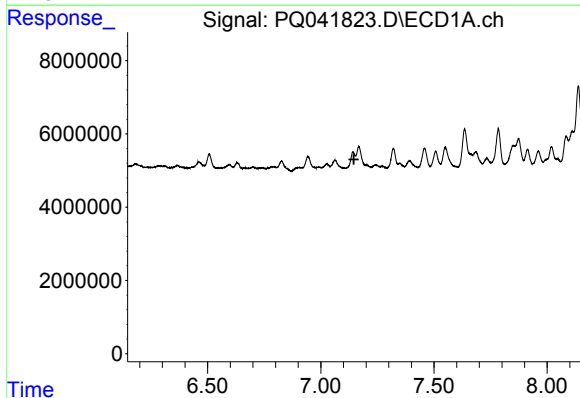
R.T.: 0.000 min
Exp R.T.: 7.461 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



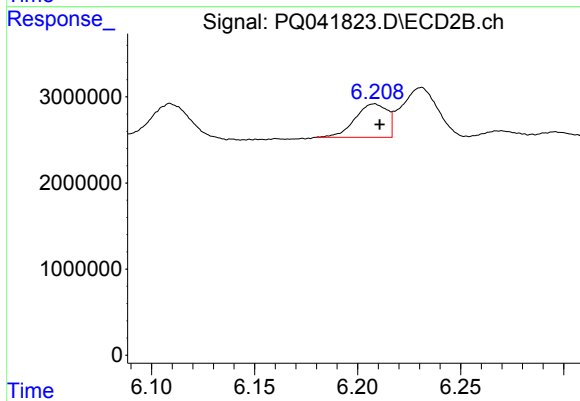
#15 AR-1232-5

R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 4133894
Conc: 140.96 ng/ml



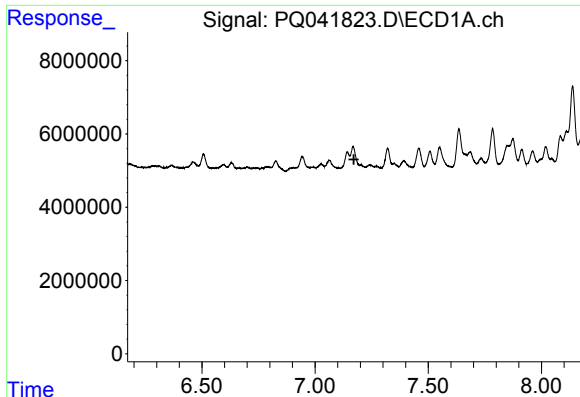
#16 AR-1242-1

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



#16 AR-1242-1

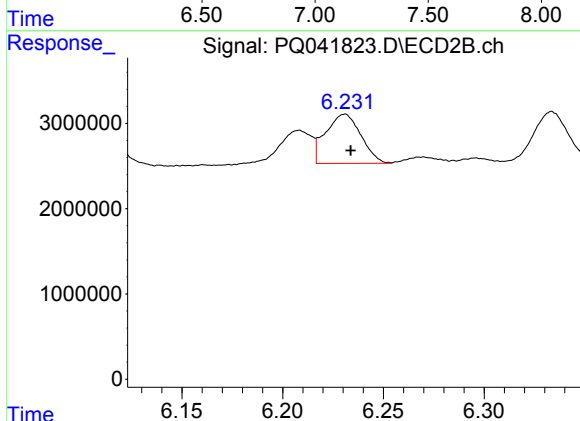
R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 4211121
Conc: 51.46 ng/ml



#17 AR-1242-2

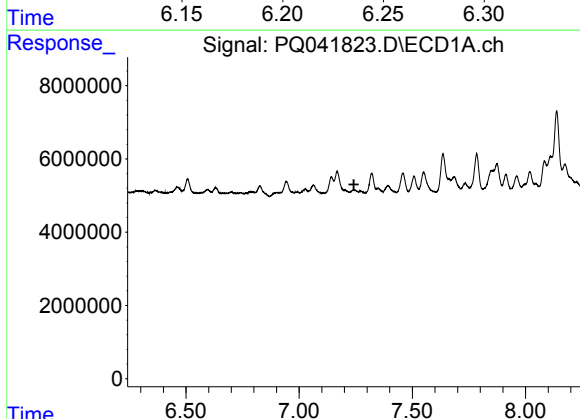
R.T.: 0.000 min
Exp R.T.: 7.171 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



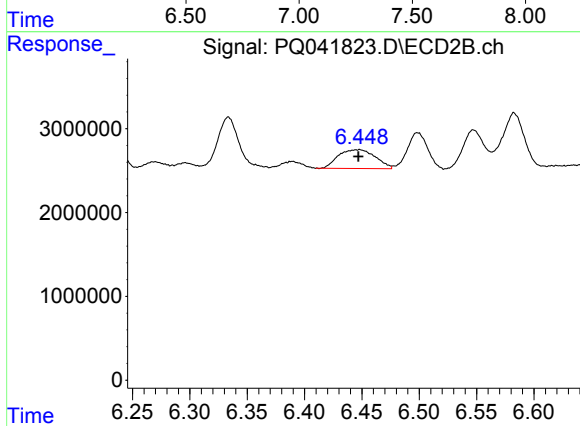
#17 AR-1242-2

R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 7034312
Conc: 62.28 ng/ml



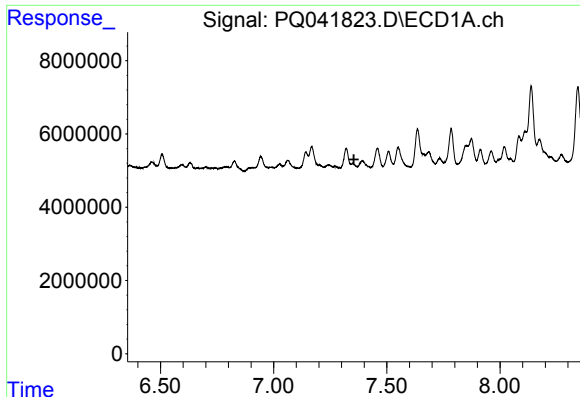
#18 AR-1242-3

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



#18 AR-1242-3

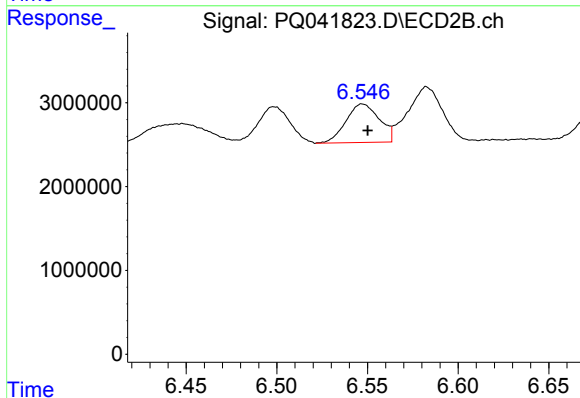
R.T.: 6.448 min
Delta R.T.: 0.001 min
Response: 5073105
Conc: 85.88 ng/ml



#19 AR-1242-4

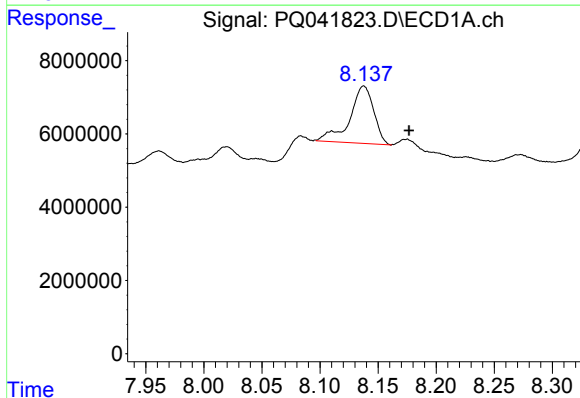
R.T.: 0.000 min
Exp R.T.: 7.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



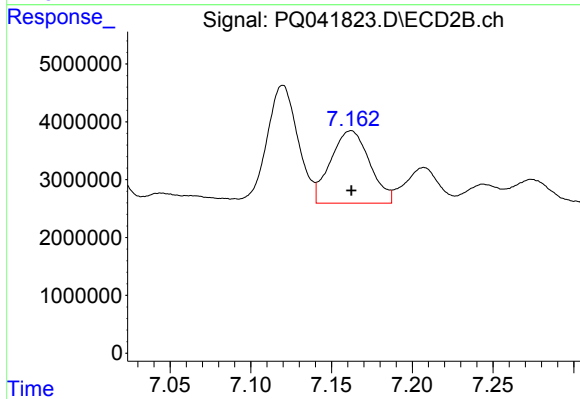
#19 AR-1242-4

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 5890462
Conc: 99.34 ng/ml



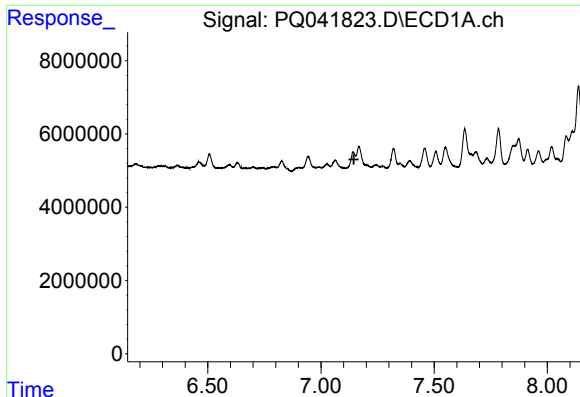
#20 AR-1242-5

R.T.: 8.138 min
Delta R.T.: -0.039 min
Response: 22487242
Conc: 253.45 ng/ml



#20 AR-1242-5

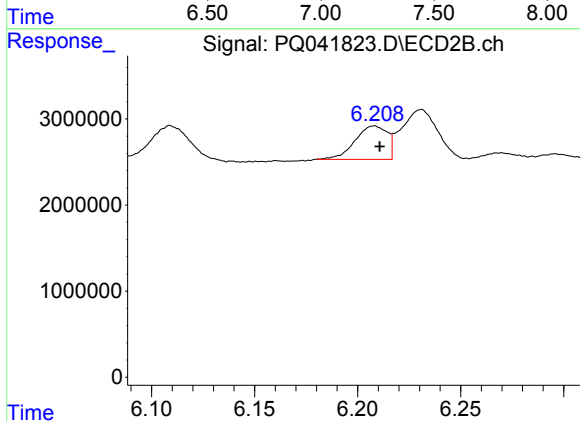
R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 21122479
Conc: 237.88 ng/ml



#21 AR-1248-1

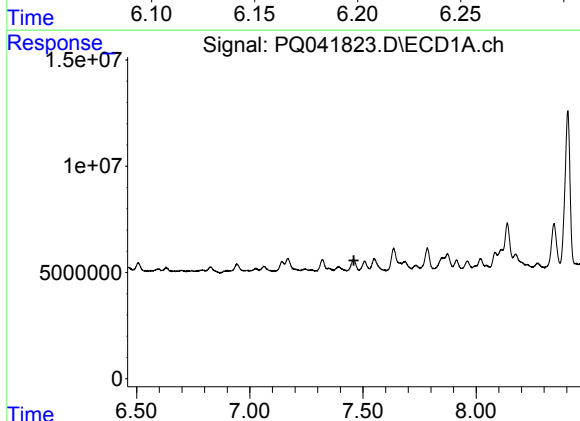
R.T.: 0.000 min
Exp R.T.: 7.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



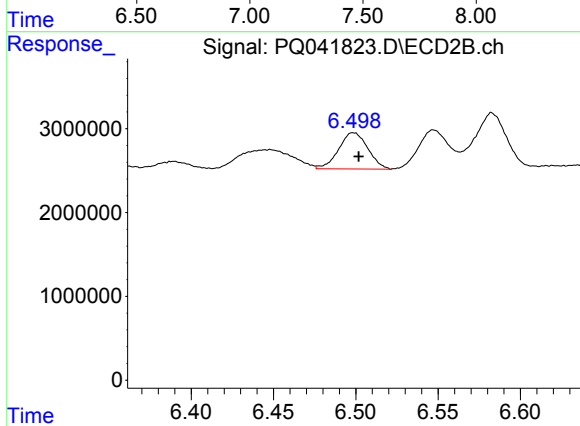
#21 AR-1248-1

R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 4211121
Conc: 63.51 ng/ml



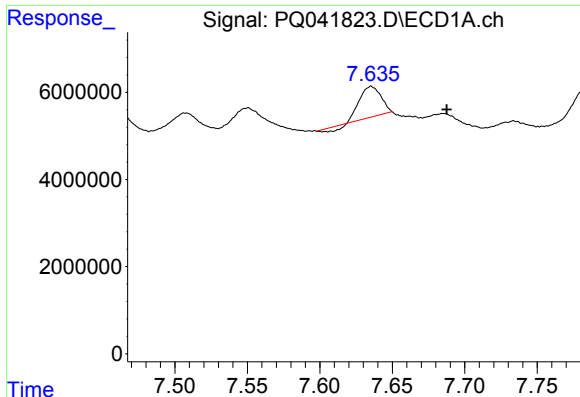
#22 AR-1248-2

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



#22 AR-1248-2

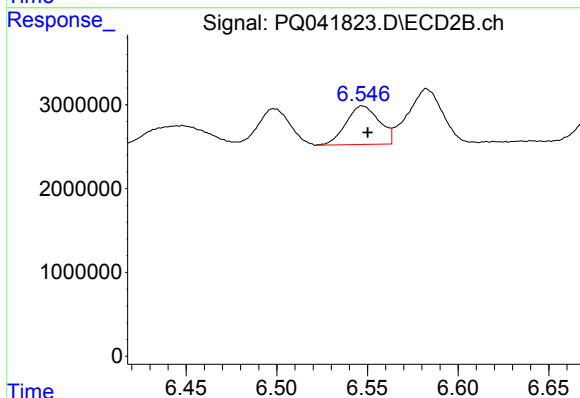
R.T.: 6.498 min
Delta R.T.: -0.003 min
Response: 5348226
Conc: 61.34 ng/ml



#23 AR-1248-3

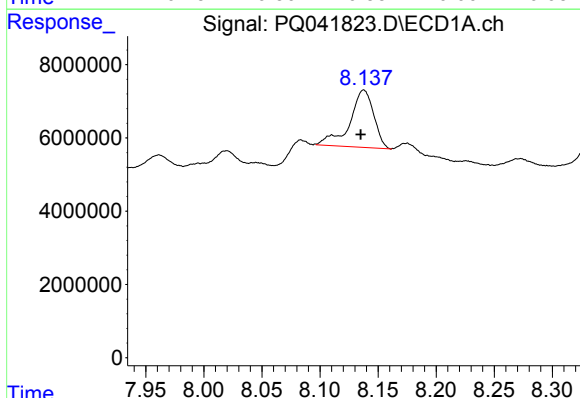
R.T.: 7.635 min
Delta R.T.: -0.052 min
Response: 6742453
Conc: 60.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



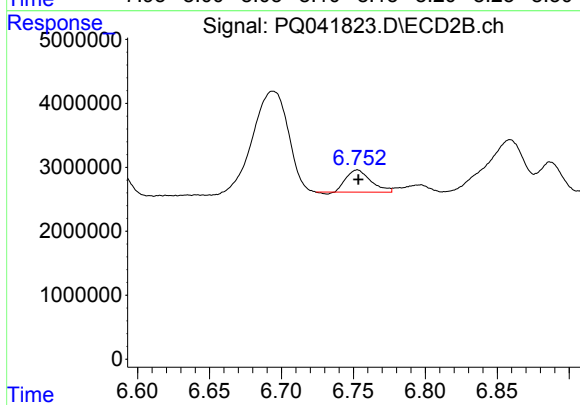
#23 AR-1248-3

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 5890462
Conc: 66.00 ng/ml



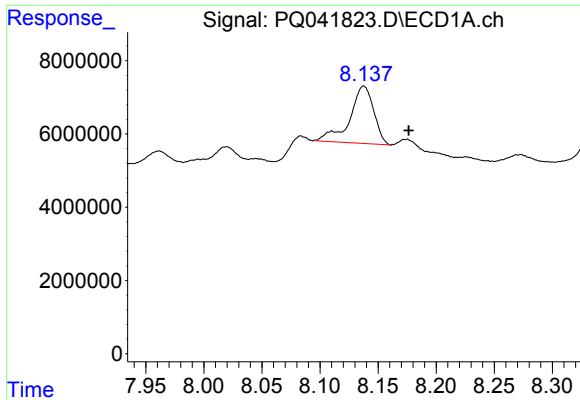
#24 AR-1248-4

R.T.: 8.138 min
Delta R.T.: 0.003 min
Response: 22487242
Conc: 143.82 ng/ml



#24 AR-1248-4

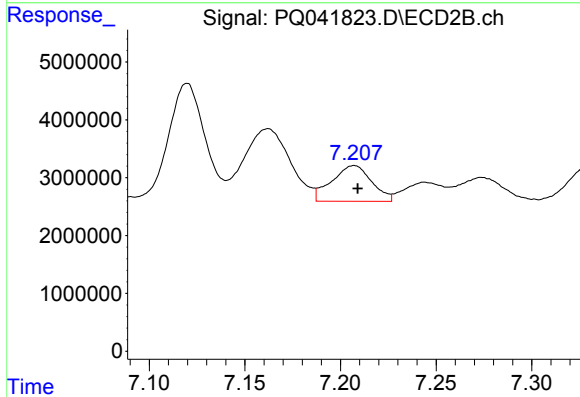
R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 4133894
Conc: 37.53 ng/ml



#25 AR-1248-5

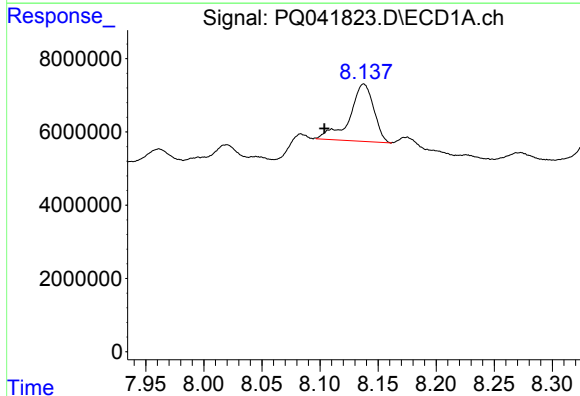
R.T.: 8.138 min
Delta R.T.: -0.039 min
Response: 22487242
Conc: 148.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



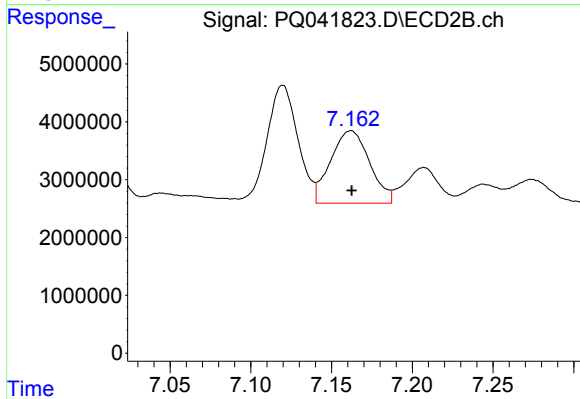
#25 AR-1248-5

R.T.: 7.207 min
Delta R.T.: -0.002 min
Response: 8981167
Conc: 70.07 ng/ml



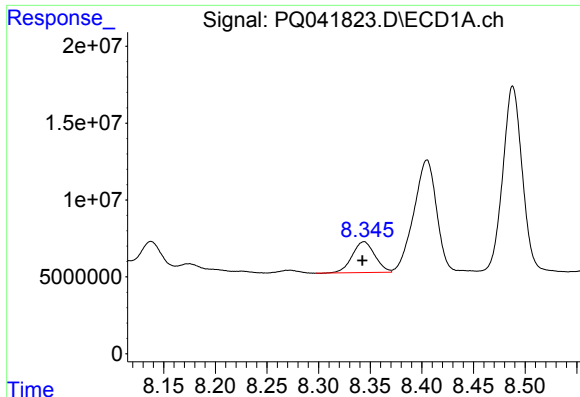
#26 AR-1254-1

R.T.: 8.138 min
Delta R.T.: 0.034 min
Response: 22487242
Conc: 161.65 ng/ml



#26 AR-1254-1

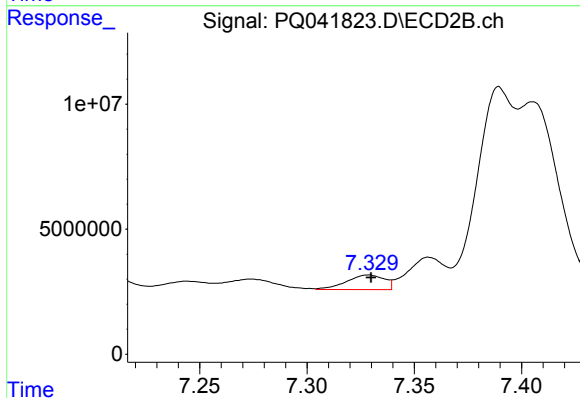
R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 21122479
Conc: 115.50 ng/ml



#27 AR-1254-2

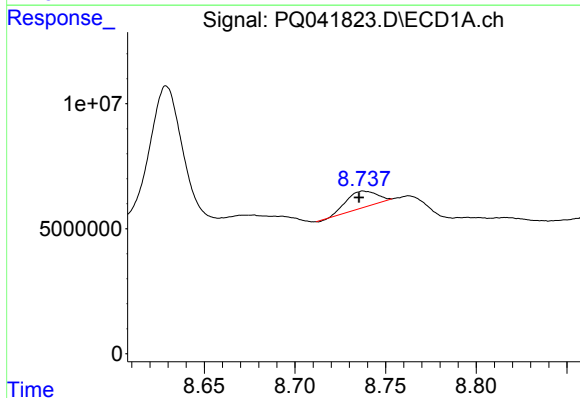
R.T.: 8.344 min
Delta R.T.: 0.002 min
Response: 30761187
Conc: 134.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



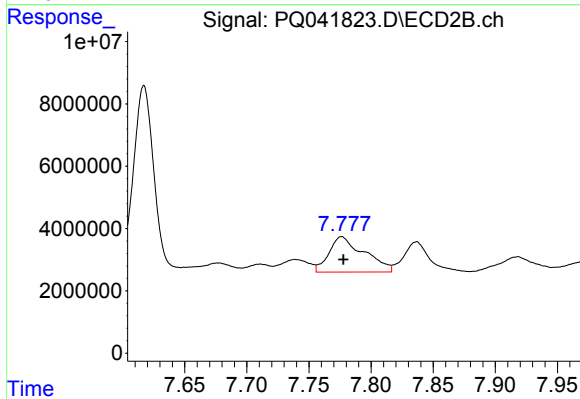
#27 AR-1254-2

R.T.: 7.329 min
Delta R.T.: -0.001 min
Response: 7189250
Conc: 44.41 ng/ml



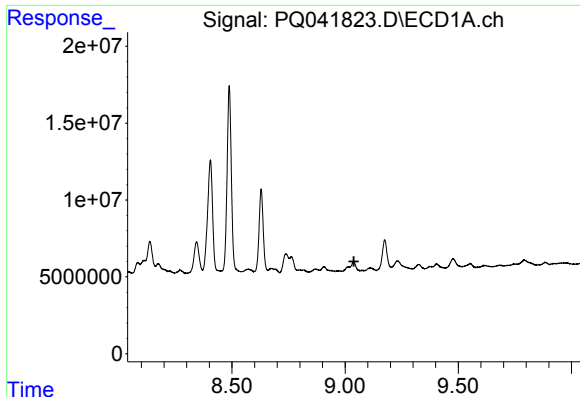
#28 AR-1254-3

R.T.: 8.738 min
Delta R.T.: 0.003 min
Response: 7562492
Conc: 27.66 ng/ml



#28 AR-1254-3

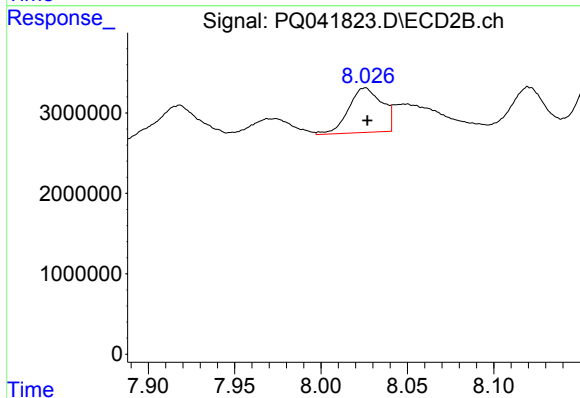
R.T.: 7.776 min
Delta R.T.: -0.001 min
Response: 22385851
Conc: 77.62 ng/ml



#29 AR-1254-4

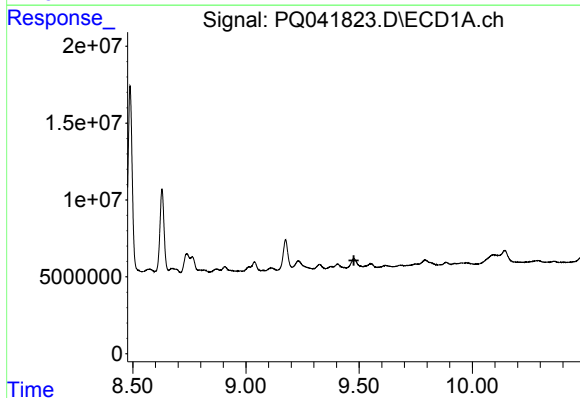
R.T.: 0.000 min
Exp R.T.: 9.039 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



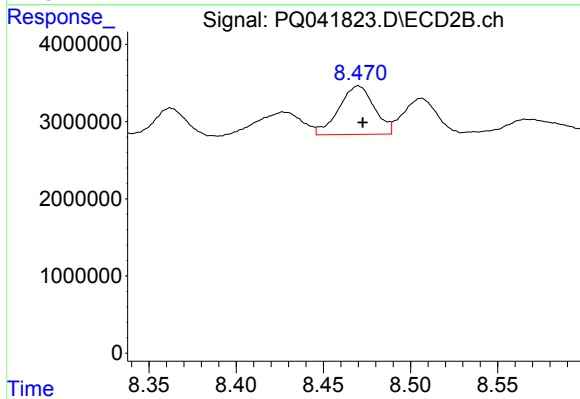
#29 AR-1254-4

R.T.: 8.025 min
Delta R.T.: -0.001 min
Response: 7479880
Conc: 34.46 ng/ml



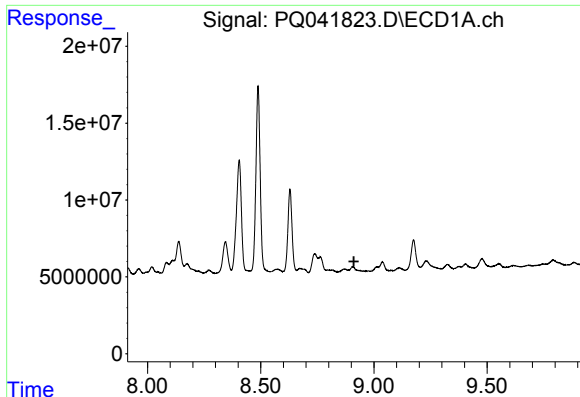
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 9.477 min
Response: 0
Conc: N.D.



#30 AR-1254-5

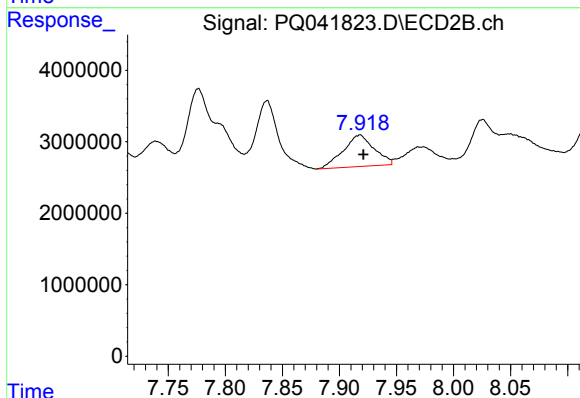
R.T.: 8.470 min
Delta R.T.: -0.003 min
Response: 8916138
Conc: 29.64 ng/ml



#31 AR-1260-1

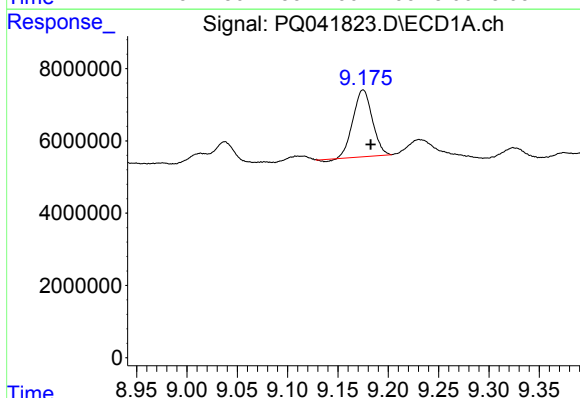
R.T.: 0.000 min
Exp R.T.: 8.912 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



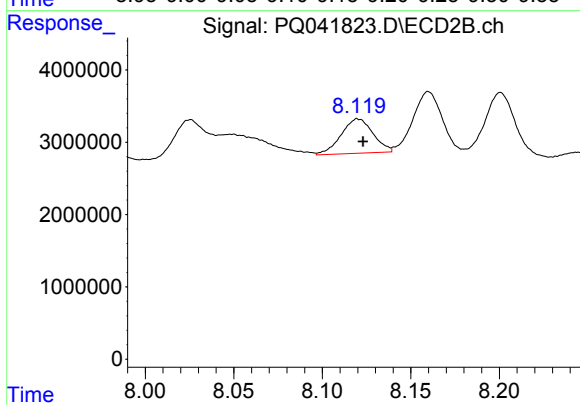
#31 AR-1260-1

R.T.: 7.918 min
Delta R.T.: -0.003 min
Response: 8338113
Conc: 45.96 ng/ml



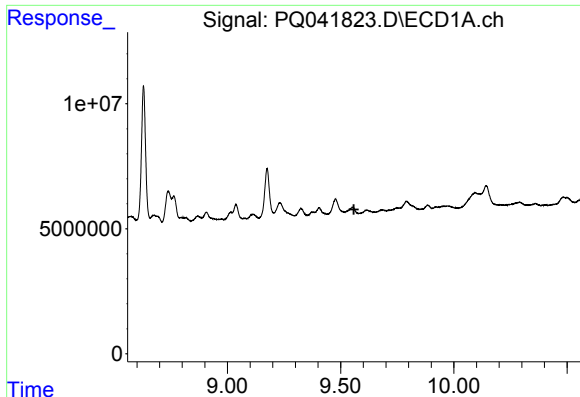
#32 AR-1260-2

R.T.: 9.175 min
Delta R.T.: -0.008 min
Response: 24524533
Conc: 97.21 ng/ml



#32 AR-1260-2

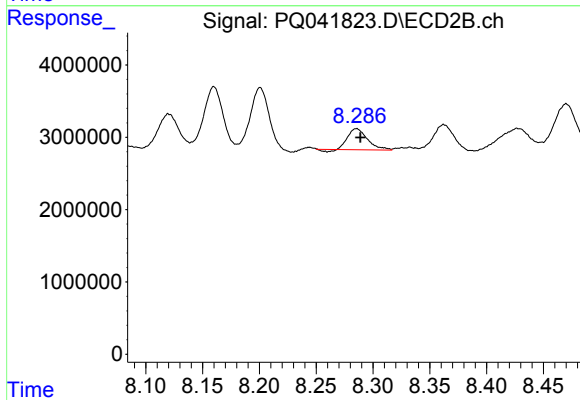
R.T.: 8.120 min
Delta R.T.: -0.003 min
Response: 5968177
Conc: 24.33 ng/ml



#33 AR-1260-3

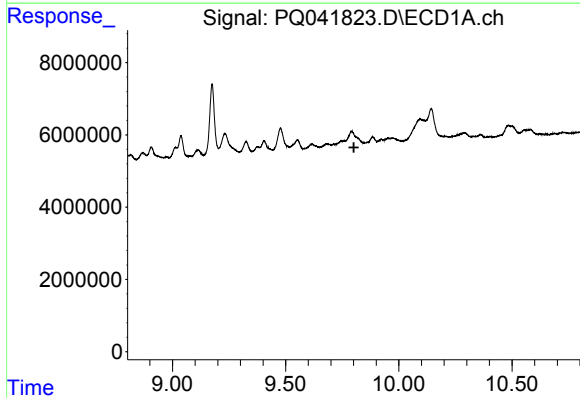
R.T.: 0.000 min
Exp R.T.: 9.558 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



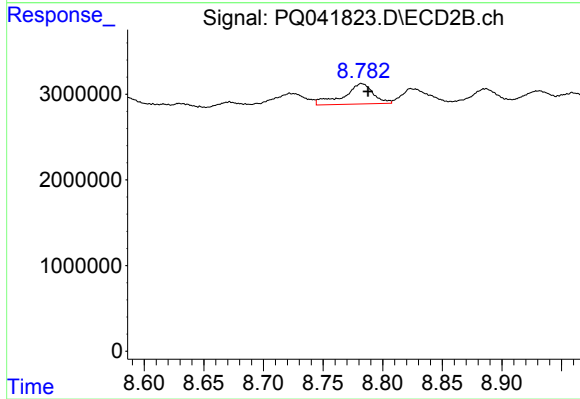
#33 AR-1260-3

R.T.: 8.285 min
Delta R.T.: -0.003 min
Response: 3452619
Conc: 16.23 ng/ml



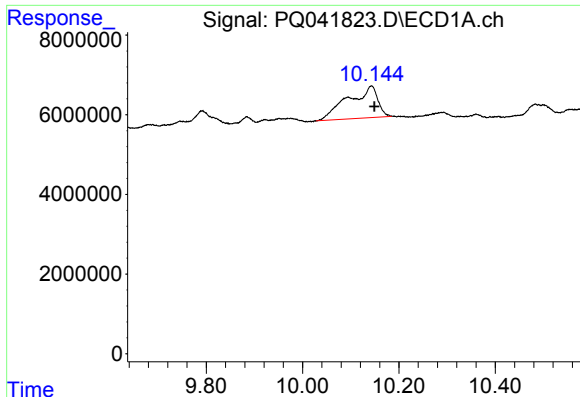
#34 AR-1260-4

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



#34 AR-1260-4

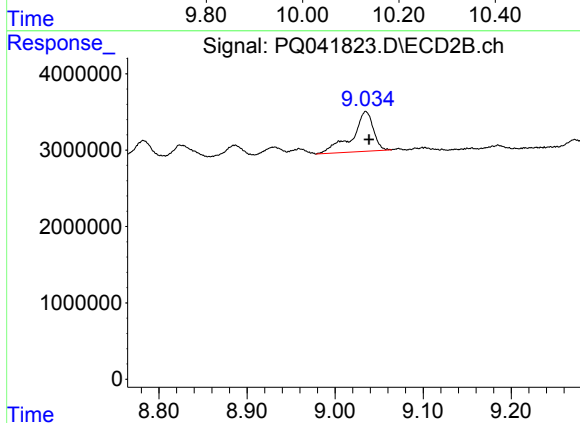
R.T.: 8.782 min
Delta R.T.: -0.005 min
Response: 4111634
Conc: 20.33 ng/ml



#35 AR-1260-5

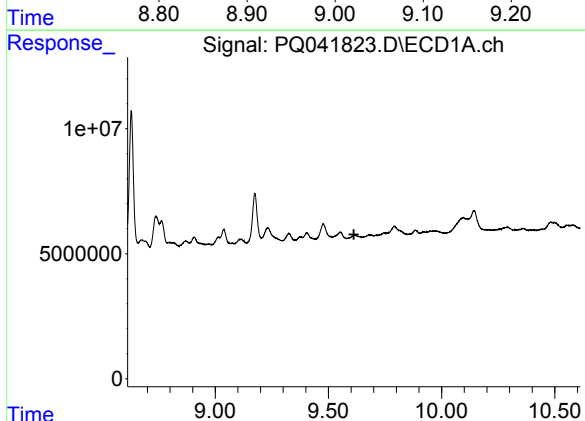
R.T.: 10.143 min
Delta R.T.: -0.006 min
Response: 34112986
Conc: 50.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



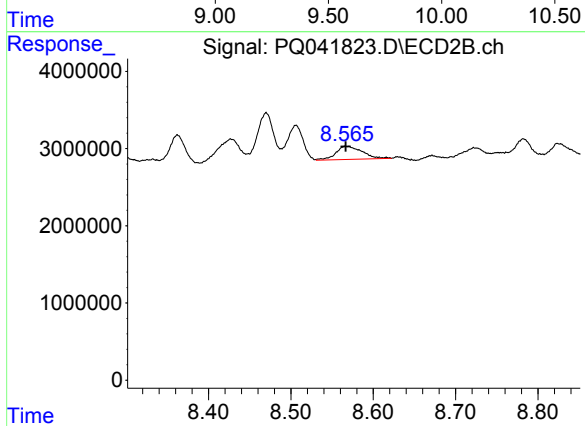
#35 AR-1260-5

R.T.: 9.035 min
Delta R.T.: -0.004 min
Response: 8698527
Conc: 14.74 ng/ml



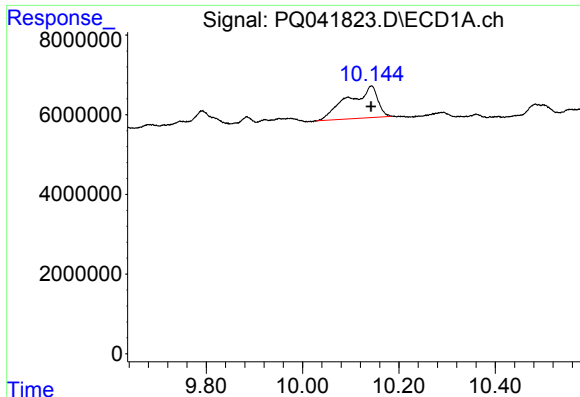
#36 AR-1262-1

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



#36 AR-1262-1

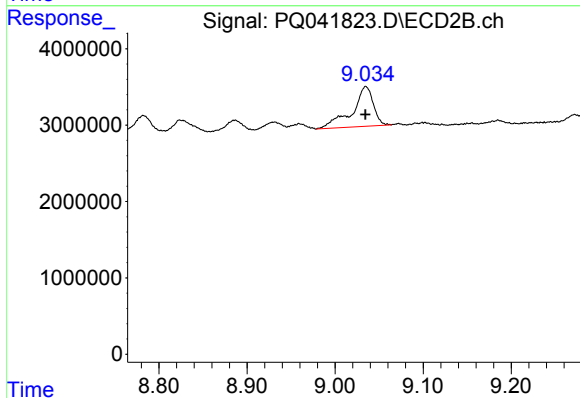
R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 3824876
Conc: 26.66 ng/ml



#37 AR-1262-2

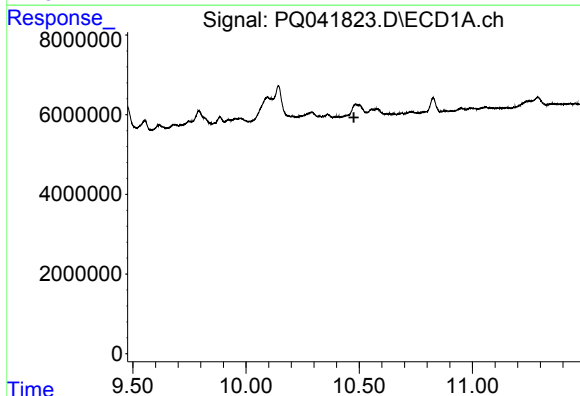
R.T.: 10.143 min
Delta R.T.: 0.001 min
Response: 34112986
Conc: 38.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



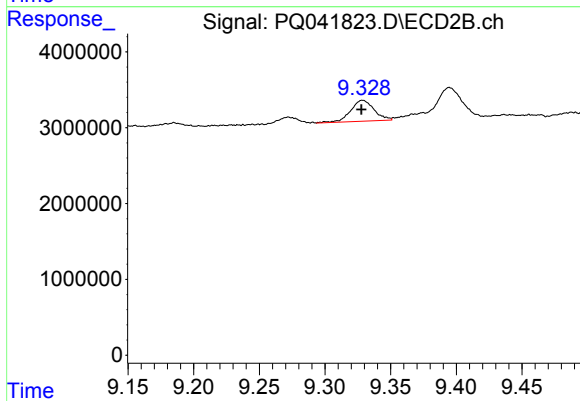
#37 AR-1262-2

R.T.: 9.035 min
Delta R.T.: 0.000 min
Response: 8698527
Conc: 11.74 ng/ml



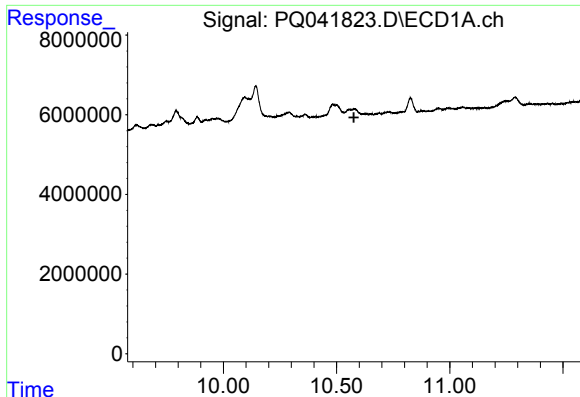
#38 AR-1262-3

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



#38 AR-1262-3

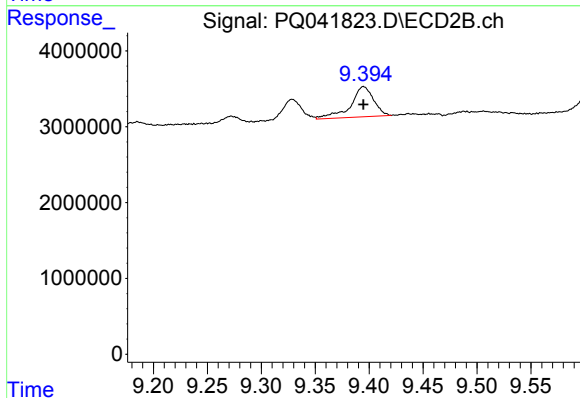
R.T.: 9.329 min
Delta R.T.: 0.000 min
Response: 3418728
Conc: 10.81 ng/ml



#39 AR-1262-4

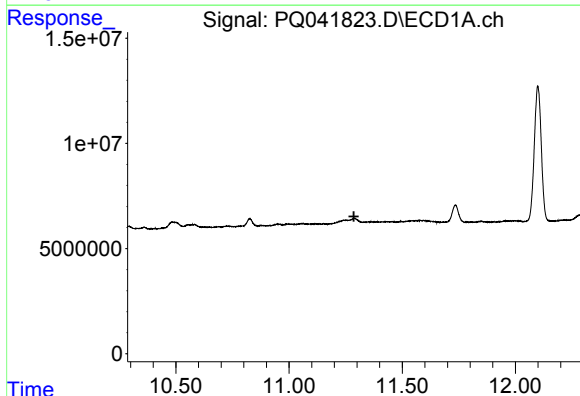
R.T.: 0.000 min
Exp R.T.: 10.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



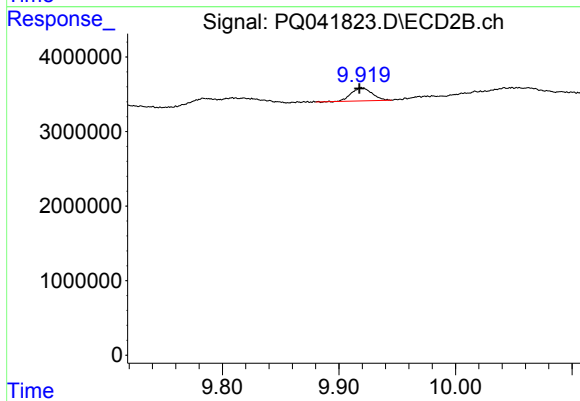
#39 AR-1262-4

R.T.: 9.395 min
Delta R.T.: 0.000 min
Response: 5901155
Conc: 10.49 ng/ml



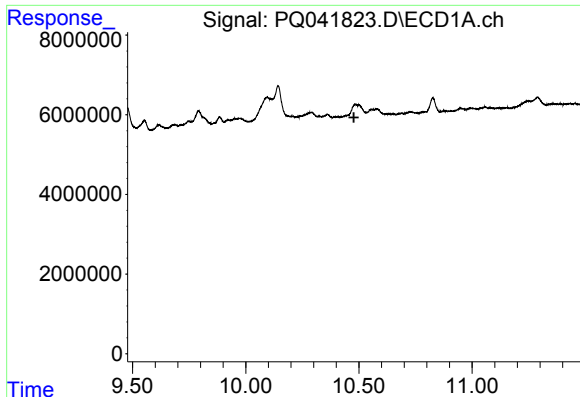
#40 AR-1262-5

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



#40 AR-1262-5

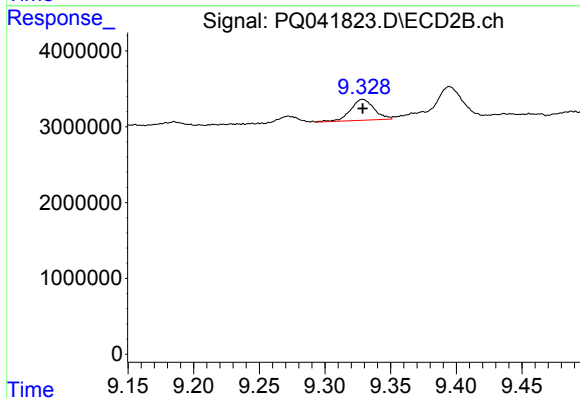
R.T.: 9.919 min
Delta R.T.: 0.002 min
Response: 2150647
Conc: 7.53 ng/ml



#41 AR-1268-1

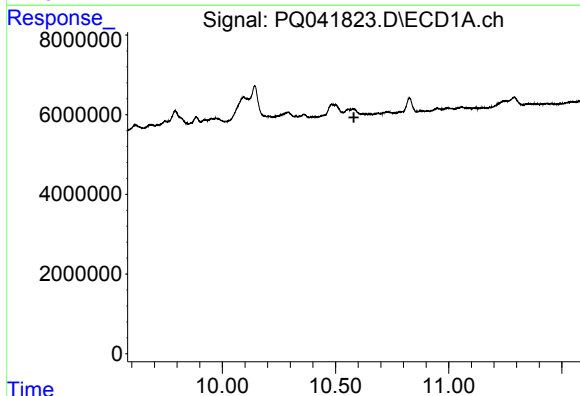
R.T.: 0.000 min
Exp R.T.: 10.478 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



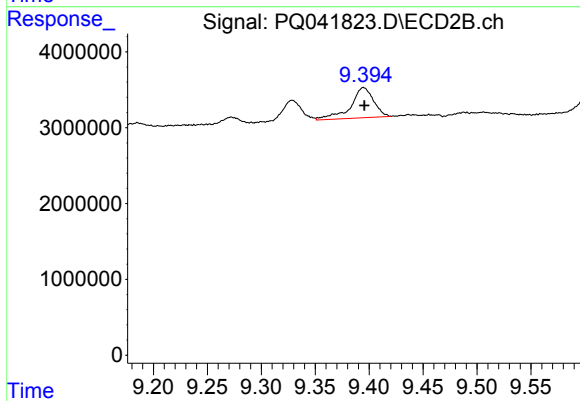
#41 AR-1268-1

R.T.: 9.329 min
Delta R.T.: 0.000 min
Response: 3418728
Conc: 2.99 ng/ml



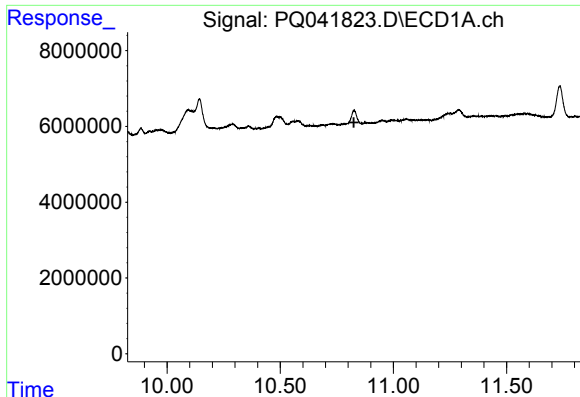
#42 AR-1268-2

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



#42 AR-1268-2

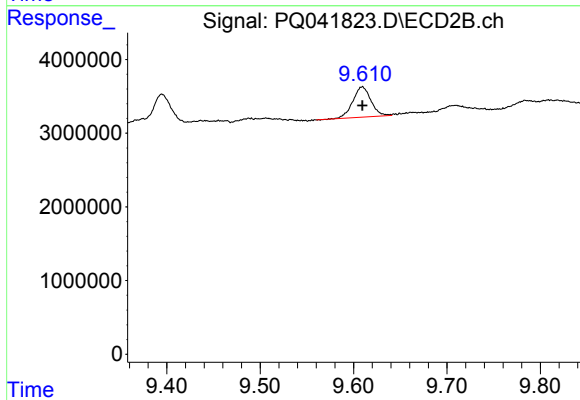
R.T.: 9.395 min
Delta R.T.: 0.000 min
Response: 5901155
Conc: 5.75 ng/ml



#43 AR-1268-3

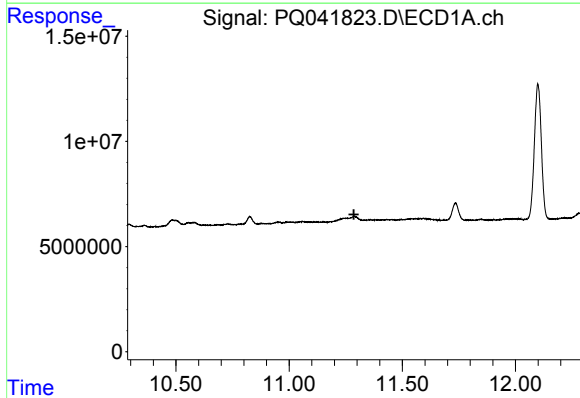
R.T.: 0.000 min
Exp R.T.: 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



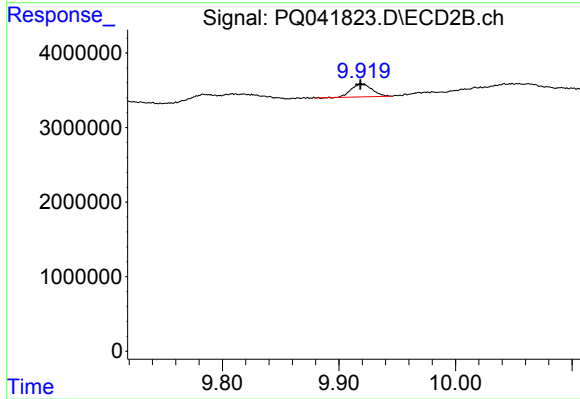
#43 AR-1268-3

R.T.: 9.609 min
Delta R.T.: 0.000 min
Response: 5563102
Conc: 6.40 ng/ml



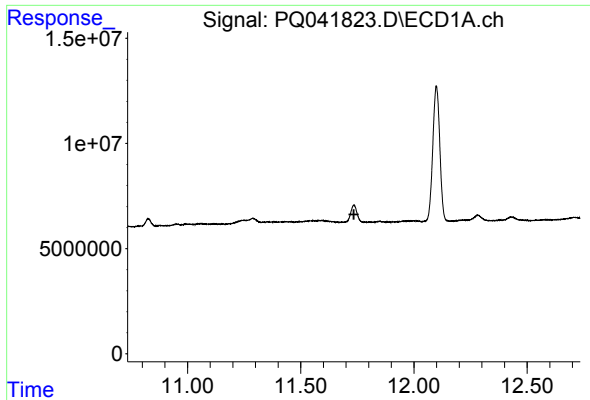
#44 AR-1268-4

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



#44 AR-1268-4

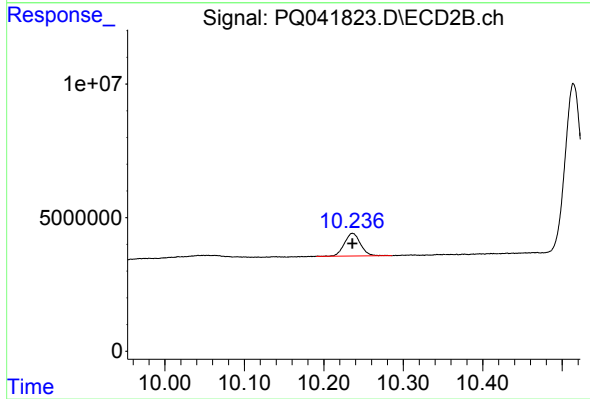
R.T.: 9.919 min
Delta R.T.: 0.000 min
Response: 2150647
Conc: 5.59 ng/ml



#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.: 10.236 min
Delta R.T.: 0.000 min
Response: 11972454
Conc: 4.61 ng/ml