

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
 Data File : PQ041827.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2019 19:21
 Operator : SM\AJ
 Sample : K3020-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 01:10:59 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	33553880	29160772	14.631	15.131
2)	SA Decachlor...	12.099	10.515	210.4E6	137.2E6	24.960	28.370
Target Compounds							
3)	L1 AR-1016-1	7.169	6.208	13495039	7692887	124.857	74.135 #
4)	L1 AR-1016-2	7.169	6.231	13495039	11445805	86.215	79.890
5)	L1 AR-1016-3	0.000	6.443	0	3990111	N.D.	53.507 #
6)	L1 AR-1016-4	0.000	6.499	0	9801592	N.D.	158.064 #
7)	L1 AR-1016-5	7.635	6.753	16337228	10173845	207.826	124.981 #
10)	L2 AR-1221-3	0.000	5.283	0	1855124	N.D.	34.019 #
11)	L3 AR-1232-1	0.000	5.283	0	1855124	N.D.	38.418 #
12)	L3 AR-1232-2	0.000	6.231	0	11445805	N.D.	200.706 #
13)	L3 AR-1232-3	7.169	6.443	13495039	3990111	202.132	133.809 #
14)	L3 AR-1232-4	0.000	6.547	0	10229553	N.D.	383.177 #
15)	L3 AR-1232-5	7.458	6.753	11174547	10173845	519.982	346.921 #
16)	L4 AR-1242-1	7.169	6.208	13495039	7692887	150.868	93.999 #
17)	L4 AR-1242-2	7.169	6.231	13495039	11445805	104.945	101.346
18)	L4 AR-1242-3	0.000	6.443	0	3990111	N.D.	67.546 #
19)	L4 AR-1242-4	0.000	6.547	0	10229553	N.D.	172.513 #
20)	L4 AR-1242-5	8.139	7.158	42584913	33128704	479.961	373.095
21)	L5 AR-1248-1	7.169	6.208	13495039	7692887	182.031	116.025 #
22)	L5 AR-1248-2	7.458	6.499	11174547	9801592	121.116	112.419
23)	L5 AR-1248-3	7.635	6.547	16337228	10229553	145.814	114.609
24)	L5 AR-1248-4	8.139	6.753	42584913	10173845	272.355	92.371 #
25)	L5 AR-1248-5	8.139	7.207	42584913	13684231	281.417	106.762 #
26)	L6 AR-1254-1	8.106	7.158	10899900	33128704	78.352	181.145 #
27)	L6 AR-1254-2	8.345	7.328	30497159	14871553	133.244	91.873 #
28)	L6 AR-1254-3	8.737	7.775	31825705	34285946	116.396	118.880
29)	L6 AR-1254-4	9.038	8.024	15283847	13928635	62.085	64.166
30)	L6 AR-1254-5	9.477	8.470	19074737	17920824	70.427	59.584
31)	L7 AR-1260-1	0.000	7.917	0	16163312	N.D.	89.089 #
32)	L7 AR-1260-2	9.177	8.120	21299356	11293311	84.429	46.032 #
33)	L7 AR-1260-3	0.000	8.285	0	8403732	N.D.	39.495 #
34)	L7 AR-1260-4	0.000	8.782	0	6064502	N.D.	29.979 #
35)	L7 AR-1260-5	10.144	9.035	29843156	14877223	44.305	25.207 #
36)	L8 AR-1262-1	0.000	8.569	0	5205233	N.D.	36.282 #
37)	L8 AR-1262-2	10.144	9.035	29843156	14877223	34.090	20.076 #
38)	L8 AR-1262-3	10.481	9.329	19290969	12758439	30.379	40.327 #
39)	L8 AR-1262-4	0.000	9.396	0	12467393	N.D.	22.169 #
40)	L8 AR-1262-5	0.000	9.920	0	4200865	N.D.	14.709 #
41)	L9 AR-1268-1	10.481	9.329	19290969	12758439	13.542	11.160
42)	L9 AR-1268-2	0.000	9.396	0	12467393	N.D.	12.145 #
43)	L9 AR-1268-3	10.827	9.609	33943096	28122638	29.008	32.364

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Sample : K3020-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:10:59 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	9.920	0	4200865	N.D.	10.921 #
45)	L9 AR-1268-5	11.735	10.236	98870812	68564569	24.394	26.397

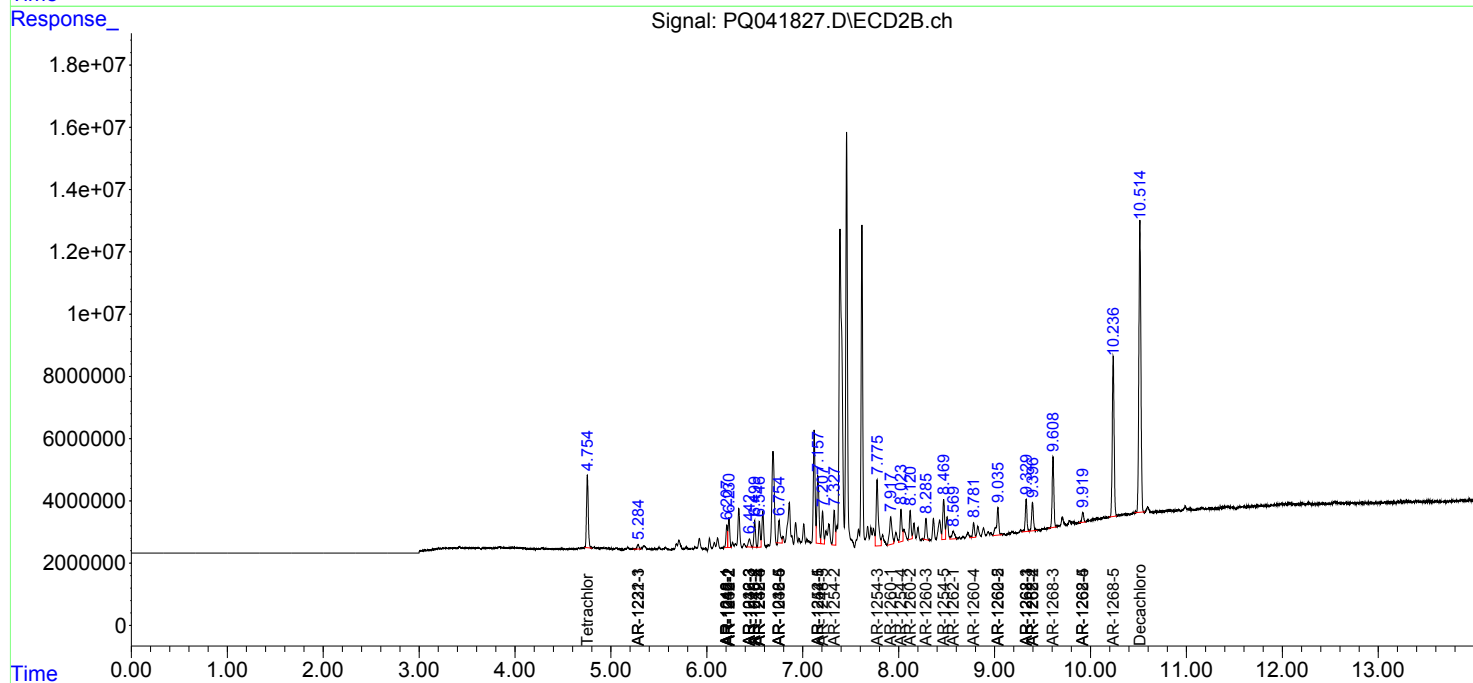
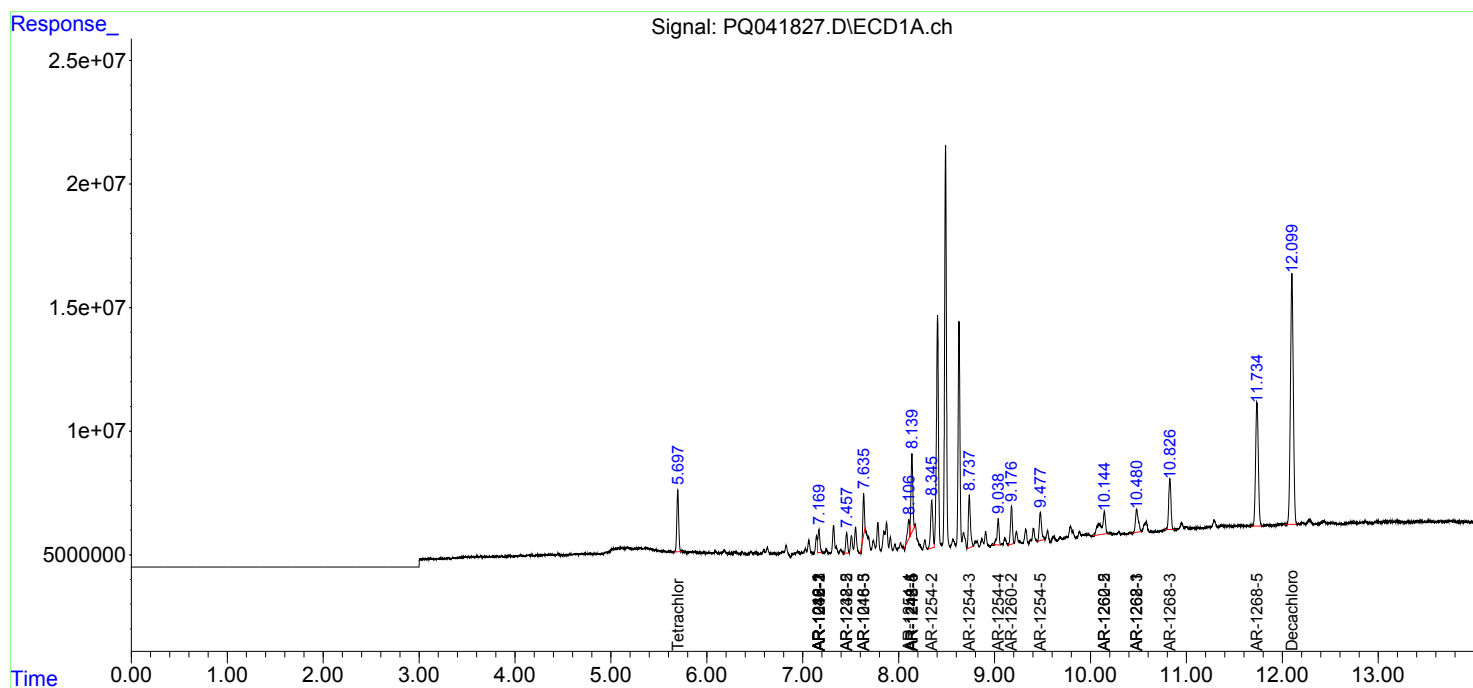
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

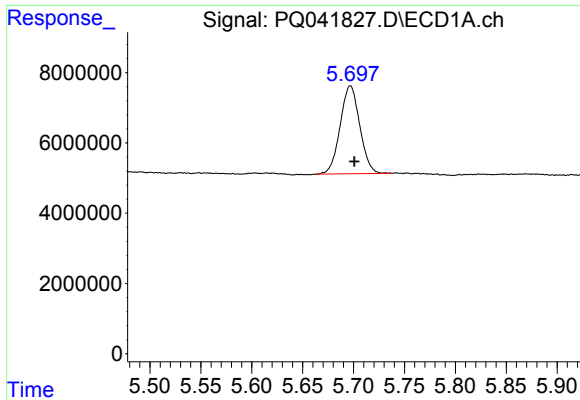
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
Data File : PQ041827.D
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Quant Time: Jul 31 01:10:59 2019
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

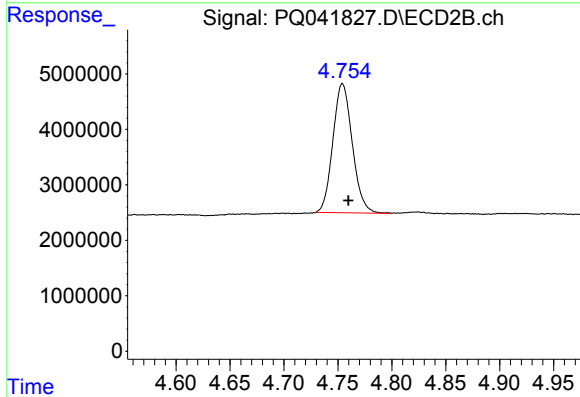




#1 Tetrachloro-m-xylene

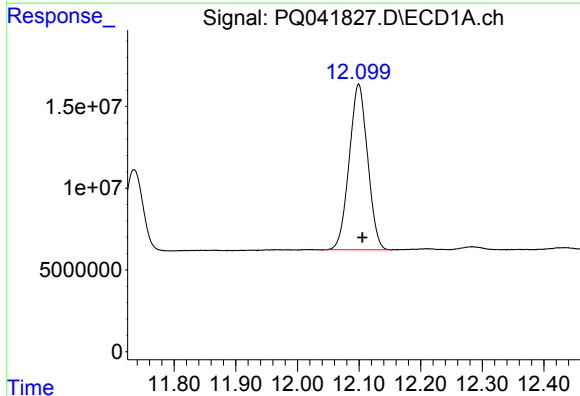
R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 33553880
Conc: 14.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



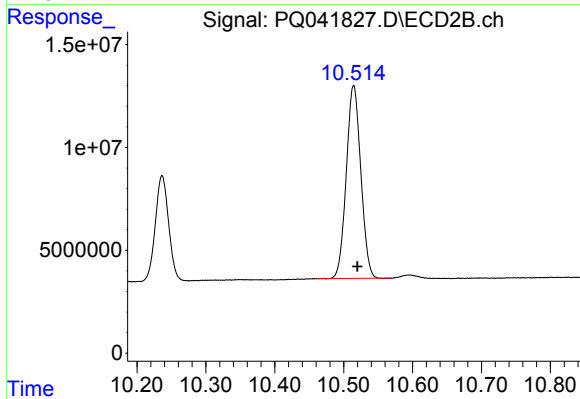
#1 Tetrachloro-m-xylene

R.T.: 4.754 min
Delta R.T.: -0.006 min
Response: 29160772
Conc: 15.13 ng/ml



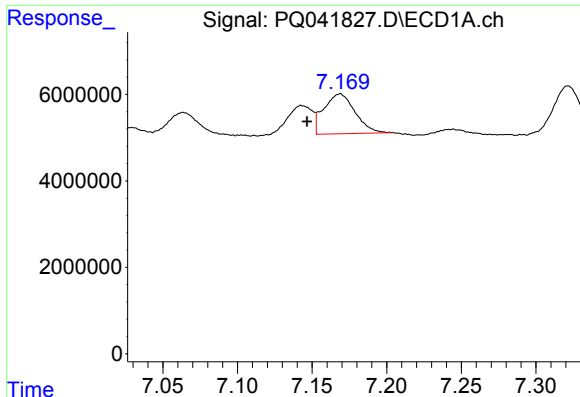
#2 Decachlorobiphenyl

R.T.: 12.099 min
Delta R.T.: -0.006 min
Response: 210444165
Conc: 24.96 ng/ml



#2 Decachlorobiphenyl

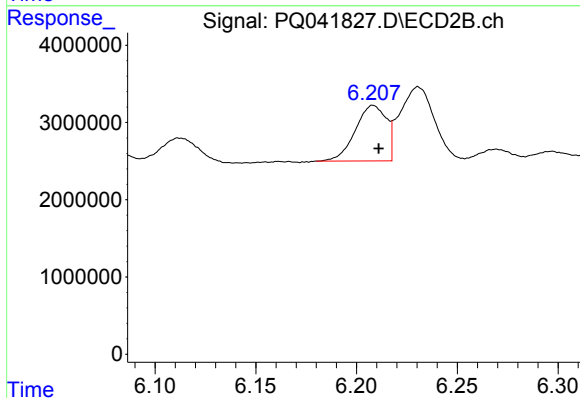
R.T.: 10.515 min
Delta R.T.: -0.005 min
Response: 137237444
Conc: 28.37 ng/ml



#3 AR-1016-1

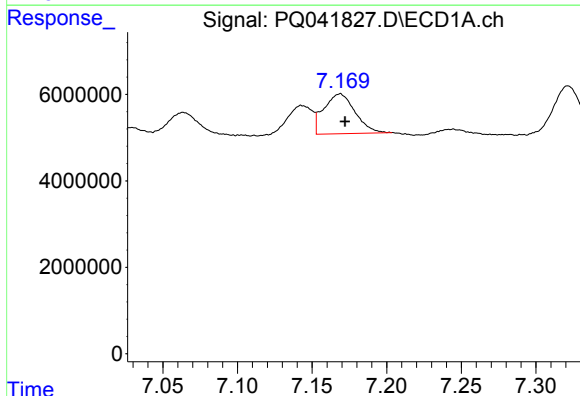
R.T.: 7.169 min
Delta R.T.: 0.022 min
Response: 13495039
Conc: 124.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



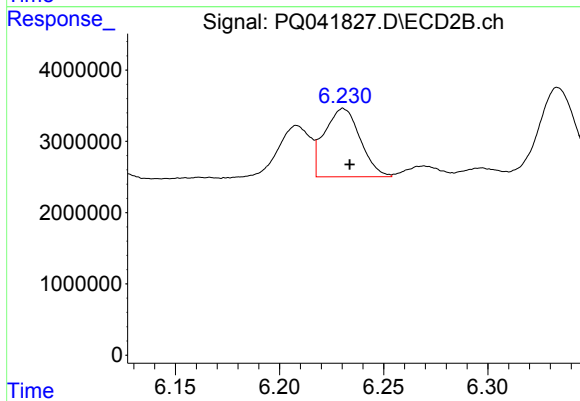
#3 AR-1016-1

R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 7692887
Conc: 74.13 ng/ml



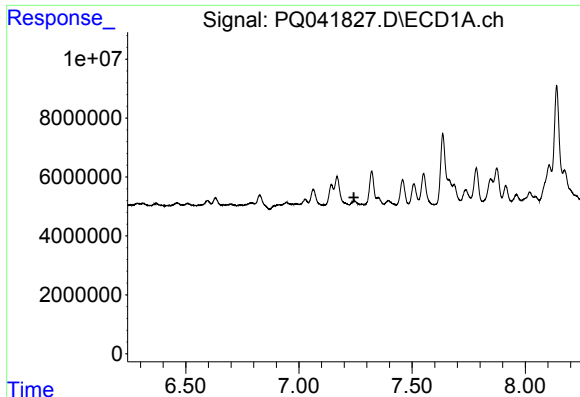
#4 AR-1016-2

R.T.: 7.169 min
Delta R.T.: -0.003 min
Response: 13495039
Conc: 86.22 ng/ml



#4 AR-1016-2

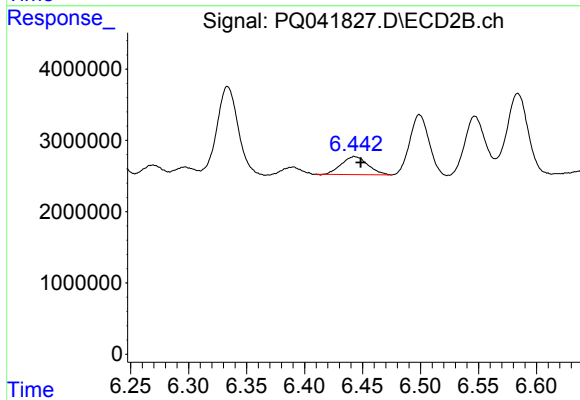
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 11445805
Conc: 79.89 ng/ml



#5 AR-1016-3

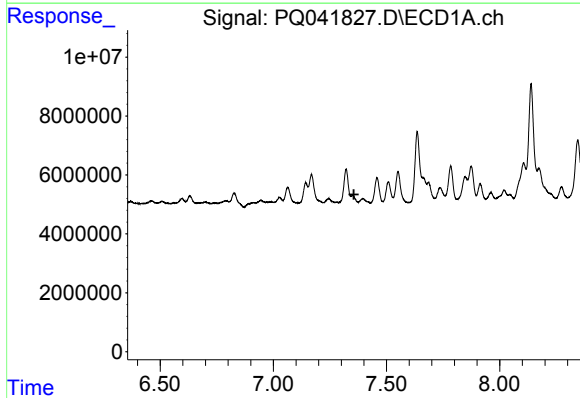
R.T.: 0.000 min
Exp R.T.: 7.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



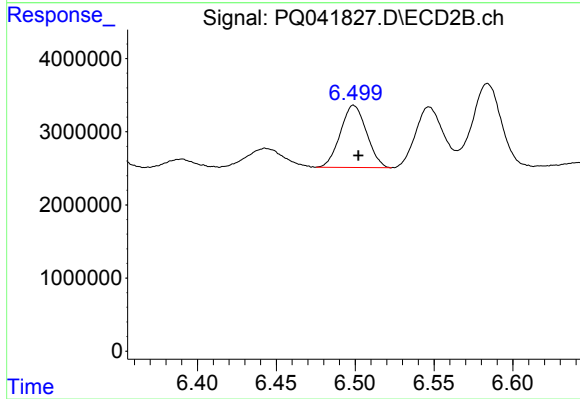
#5 AR-1016-3

R.T.: 6.443 min
Delta R.T.: -0.006 min
Response: 3990111
Conc: 53.51 ng/ml



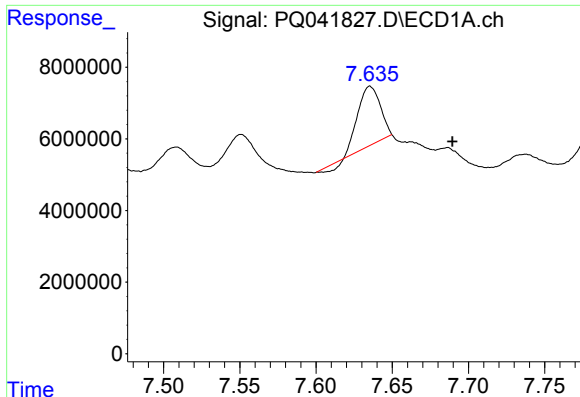
#6 AR-1016-4

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



#6 AR-1016-4

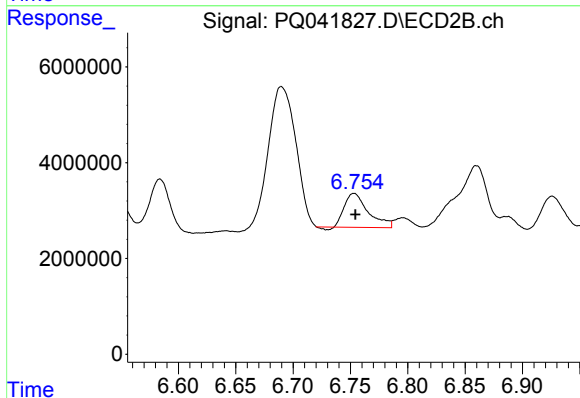
R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 9801592
Conc: 158.06 ng/ml



#7 AR-1016-5

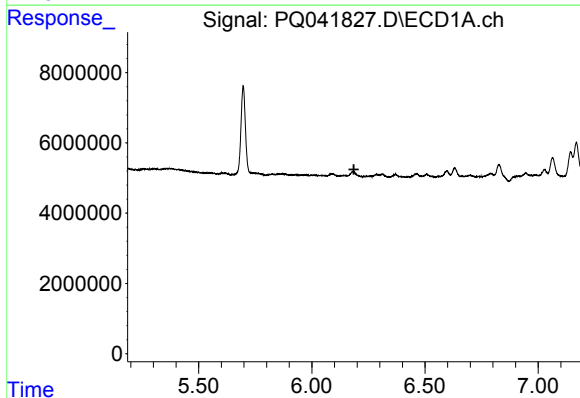
R.T.: 7.635 min
Delta R.T.: -0.054 min
Response: 16337228
Conc: 207.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



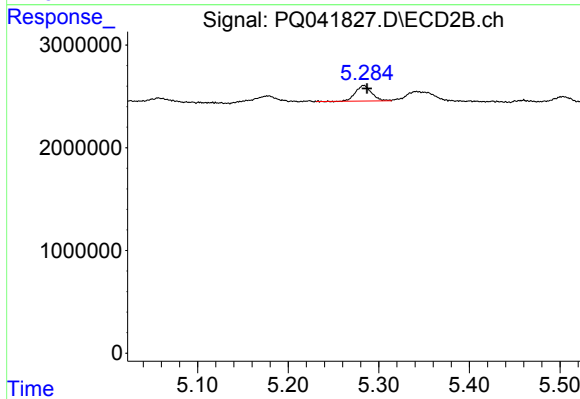
#7 AR-1016-5

R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 10173845
Conc: 124.98 ng/ml



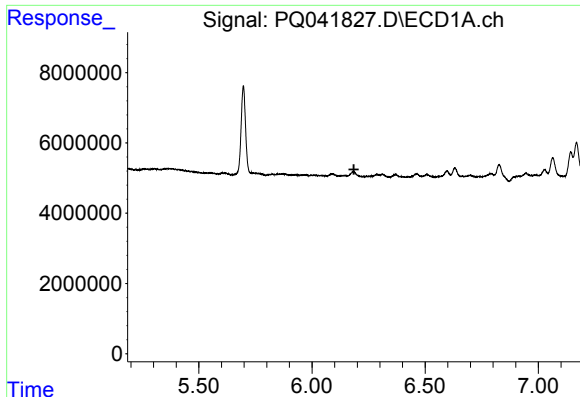
#10 AR-1221-3

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



#10 AR-1221-3

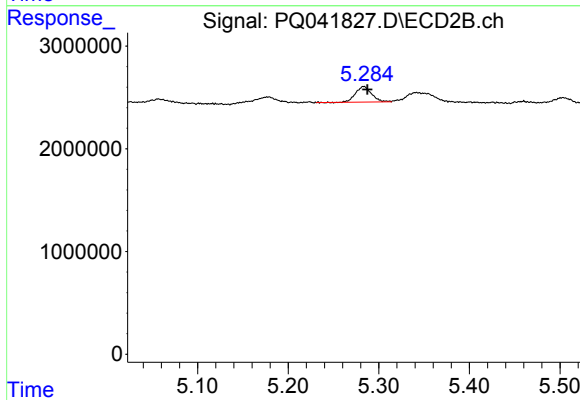
R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 1855124
Conc: 34.02 ng/ml



#11 AR-1232-1

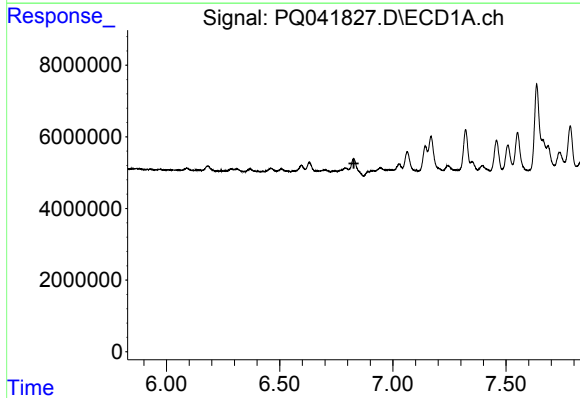
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



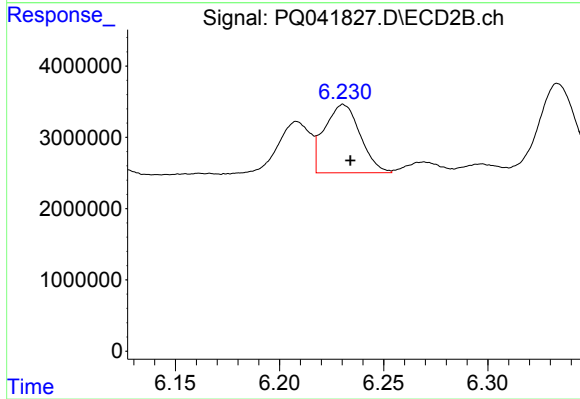
#11 AR-1232-1

R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 1855124
Conc: 38.42 ng/ml



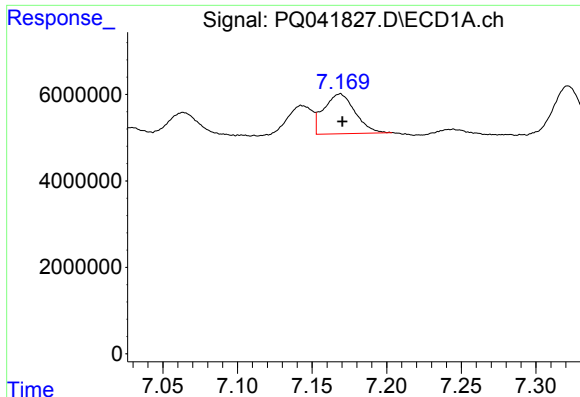
#12 AR-1232-2

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



#12 AR-1232-2

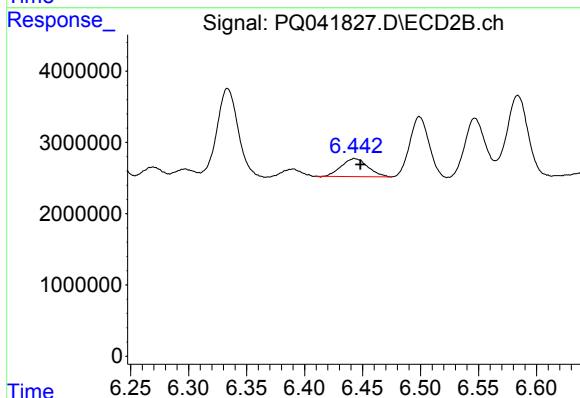
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 11445805
Conc: 200.71 ng/ml



#13 AR-1232-3

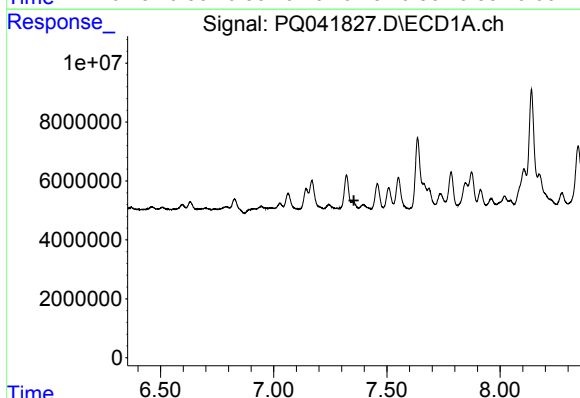
R.T.: 7.169 min
Delta R.T.: -0.001 min
Response: 13495039
Conc: 202.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



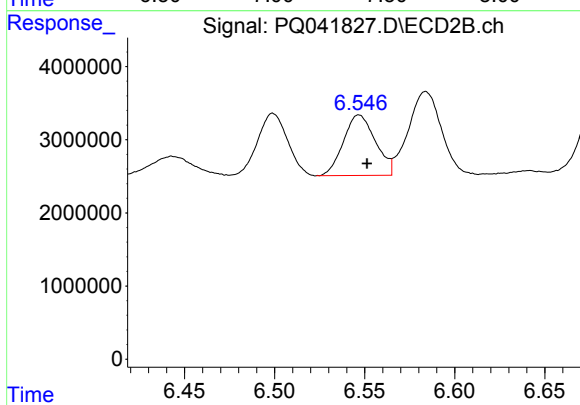
#13 AR-1232-3

R.T.: 6.443 min
Delta R.T.: -0.005 min
Response: 3990111
Conc: 133.81 ng/ml



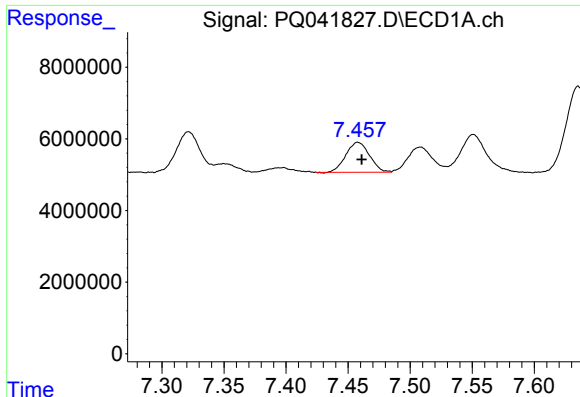
#14 AR-1232-4

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



#14 AR-1232-4

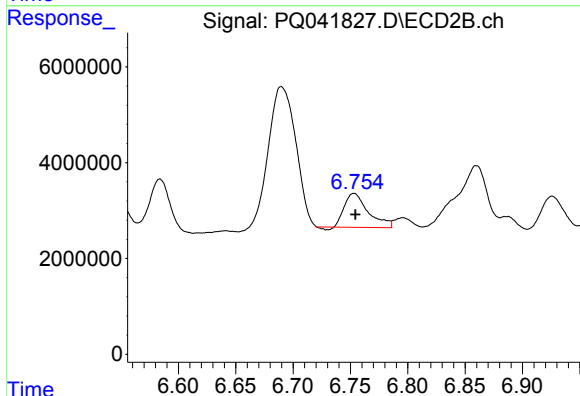
R.T.: 6.547 min
Delta R.T.: -0.004 min
Response: 10229553
Conc: 383.18 ng/ml



#15 AR-1232-5

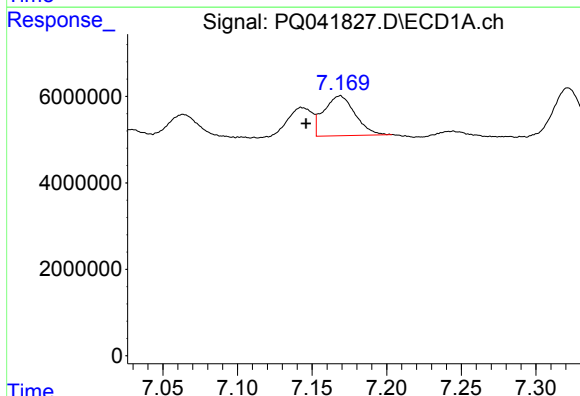
R.T.: 7.458 min
Delta R.T.: -0.003 min
Response: 11174547
Conc: 519.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



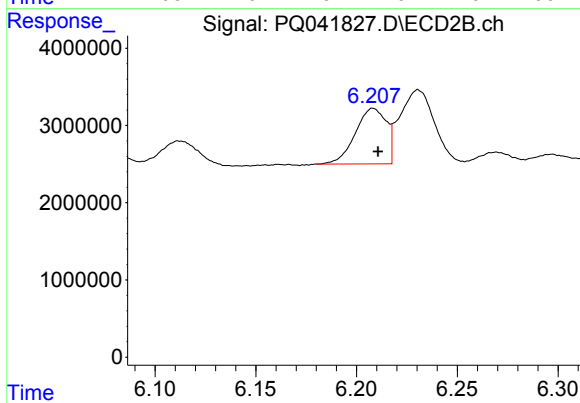
#15 AR-1232-5

R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 10173845
Conc: 346.92 ng/ml



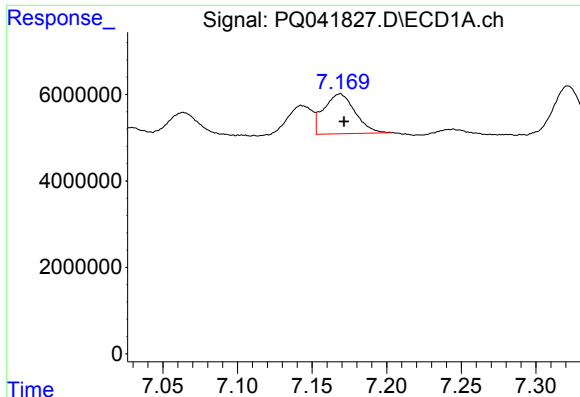
#16 AR-1242-1

R.T.: 7.169 min
Delta R.T.: 0.023 min
Response: 13495039
Conc: 150.87 ng/ml



#16 AR-1242-1

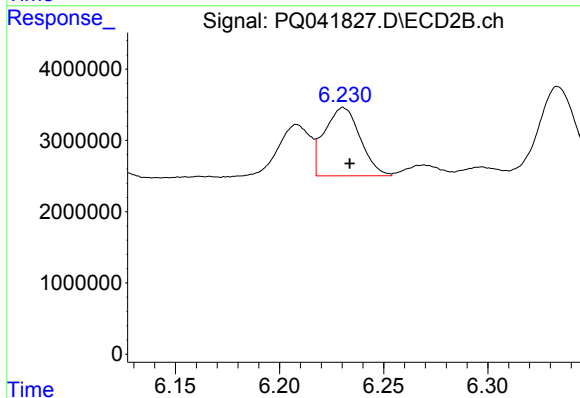
R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 7692887
Conc: 94.00 ng/ml



#17 AR-1242-2

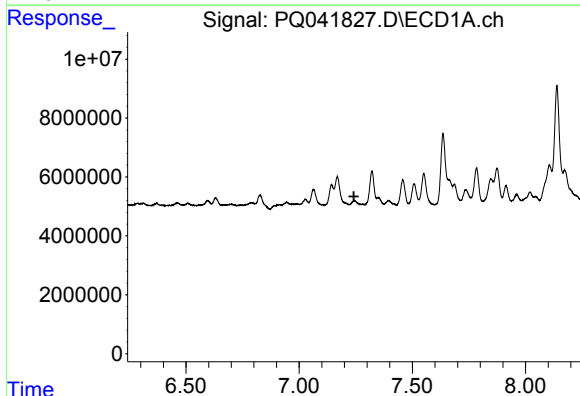
R.T.: 7.169 min
Delta R.T.: -0.002 min
Response: 13495039
Conc: 104.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



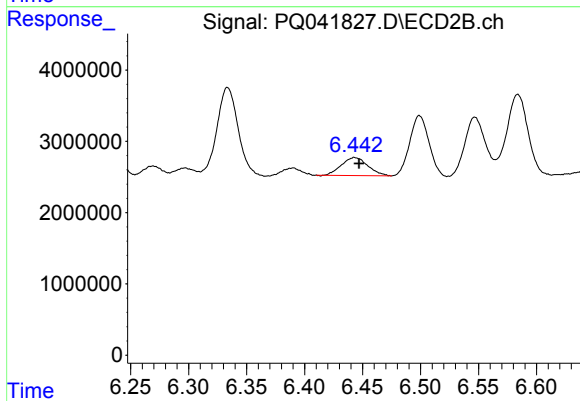
#17 AR-1242-2

R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 11445805
Conc: 101.35 ng/ml



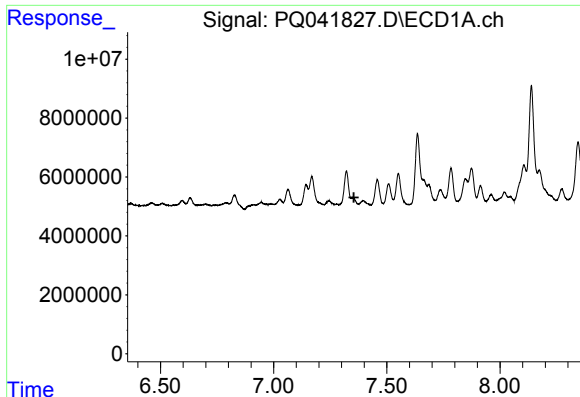
#18 AR-1242-3

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



#18 AR-1242-3

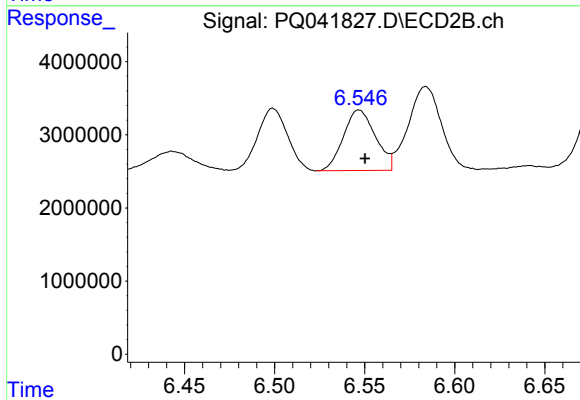
R.T.: 6.443 min
Delta R.T.: -0.004 min
Response: 3990111
Conc: 67.55 ng/ml



#19 AR-1242-4

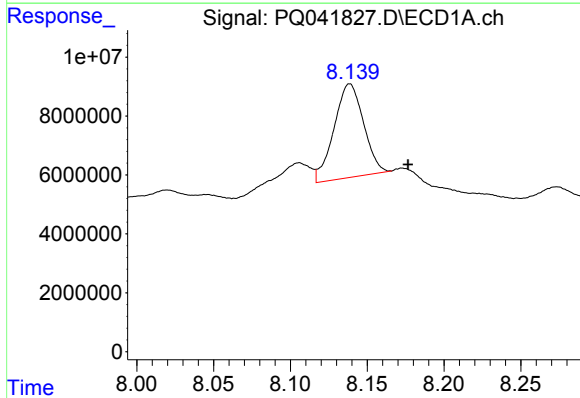
R.T.: 0.000 min
Exp R.T.: 7.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



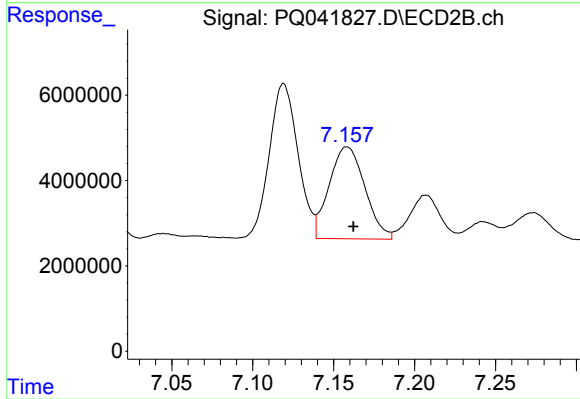
#19 AR-1242-4

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 10229553
Conc: 172.51 ng/ml



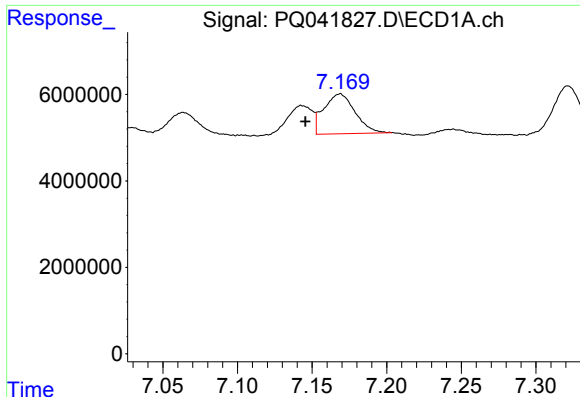
#20 AR-1242-5

R.T.: 8.139 min
Delta R.T.: -0.038 min
Response: 42584913
Conc: 479.96 ng/ml



#20 AR-1242-5

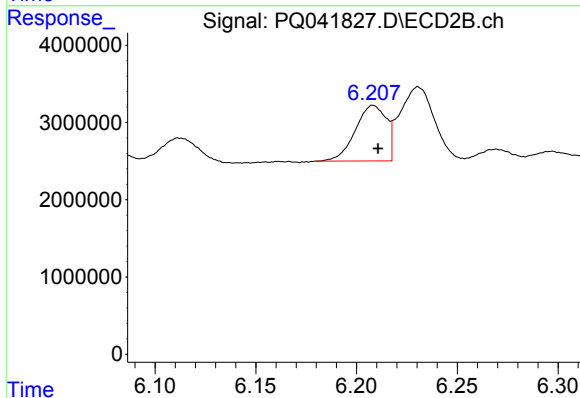
R.T.: 7.158 min
Delta R.T.: -0.004 min
Response: 33128704
Conc: 373.10 ng/ml



#21 AR-1248-1

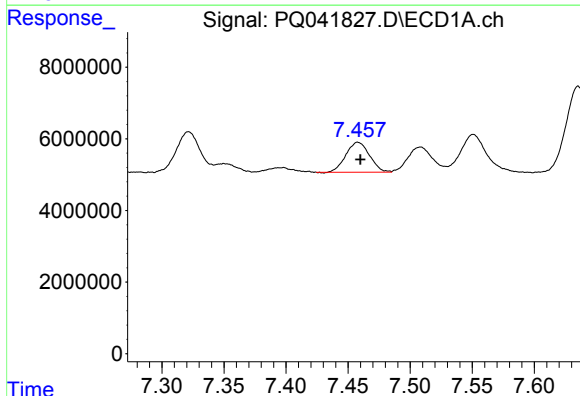
R.T.: 7.169 min
Delta R.T.: 0.023 min
Response: 13495039
Conc: 182.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



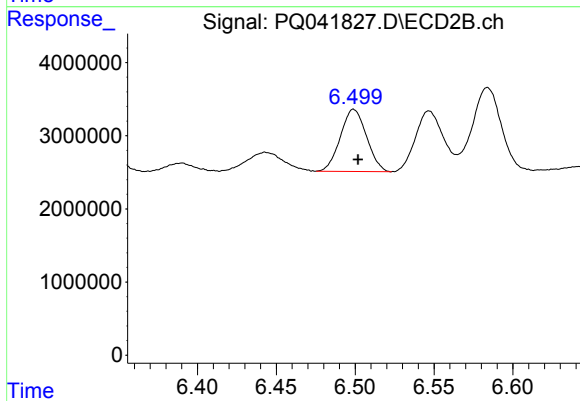
#21 AR-1248-1

R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 7692887
Conc: 116.02 ng/ml



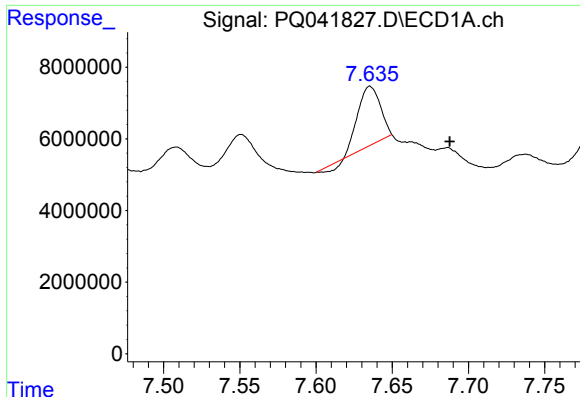
#22 AR-1248-2

R.T.: 7.458 min
Delta R.T.: -0.002 min
Response: 11174547
Conc: 121.12 ng/ml



#22 AR-1248-2

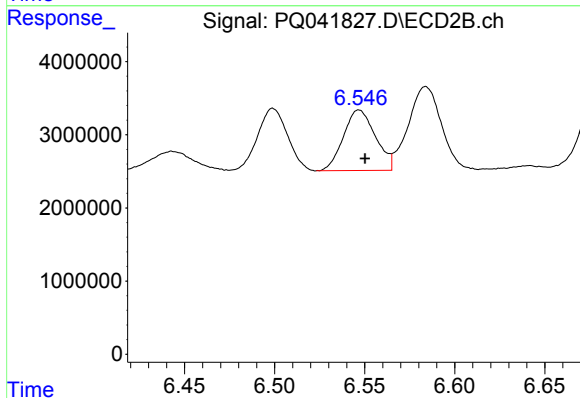
R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 9801592
Conc: 112.42 ng/ml



#23 AR-1248-3

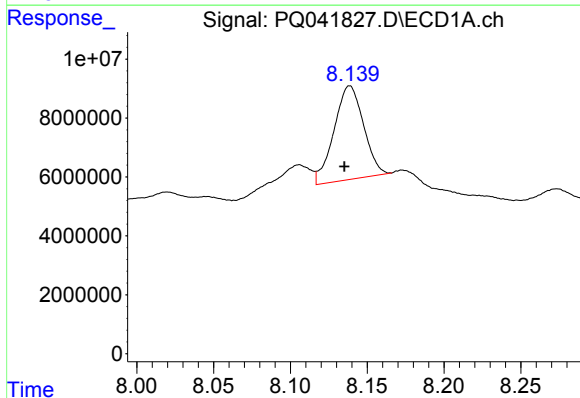
R.T.: 7.635 min
Delta R.T.: -0.052 min
Response: 16337228
Conc: 145.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



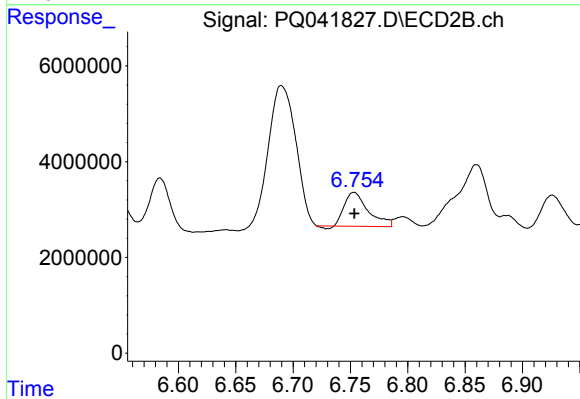
#23 AR-1248-3

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 10229553
Conc: 114.61 ng/ml



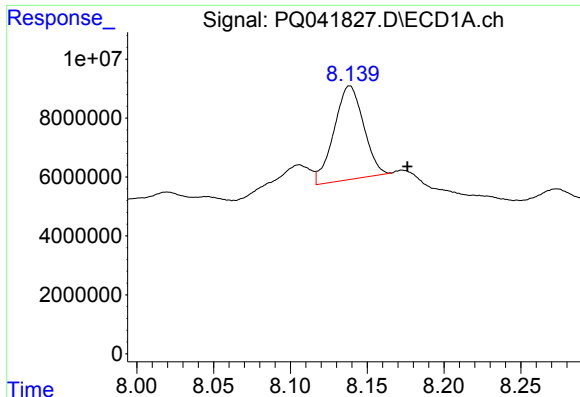
#24 AR-1248-4

R.T.: 8.139 min
Delta R.T.: 0.004 min
Response: 42584913
Conc: 272.35 ng/ml



#24 AR-1248-4

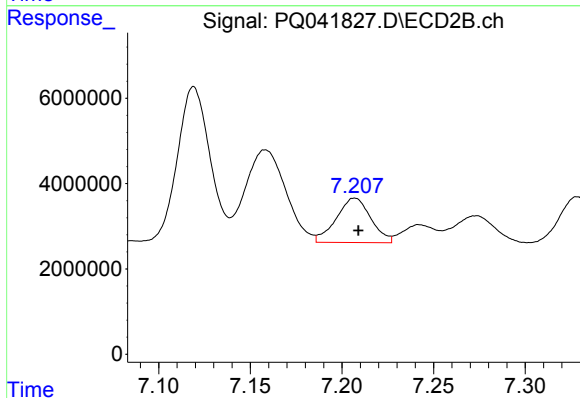
R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 10173845
Conc: 92.37 ng/ml



#25 AR-1248-5

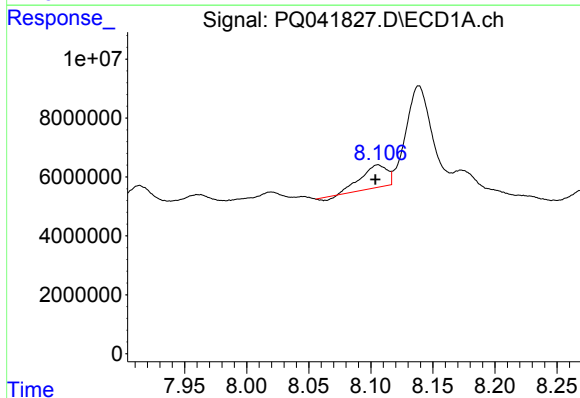
R.T.: 8.139 min
Delta R.T.: -0.038 min
Response: 42584913
Conc: 281.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



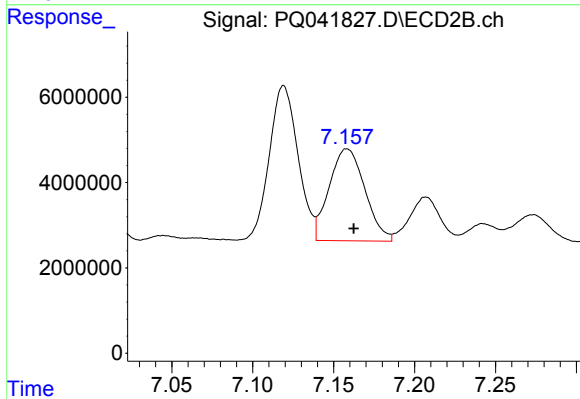
#25 AR-1248-5

R.T.: 7.207 min
Delta R.T.: -0.002 min
Response: 13684231
Conc: 106.76 ng/ml



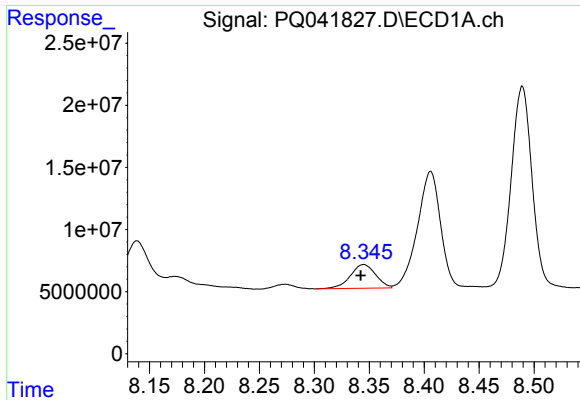
#26 AR-1254-1

R.T.: 8.106 min
Delta R.T.: 0.002 min
Response: 10899900
Conc: 78.35 ng/ml



#26 AR-1254-1

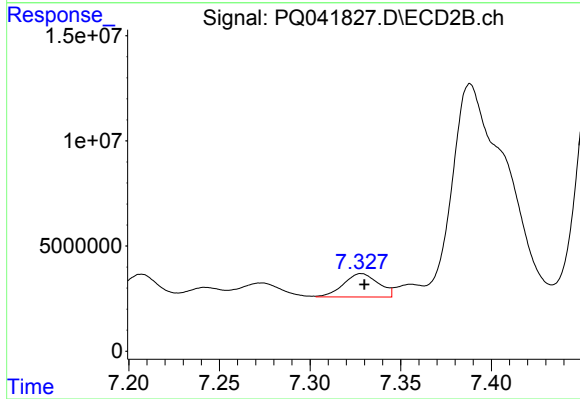
R.T.: 7.158 min
Delta R.T.: -0.004 min
Response: 33128704
Conc: 181.15 ng/ml



#27 AR-1254-2

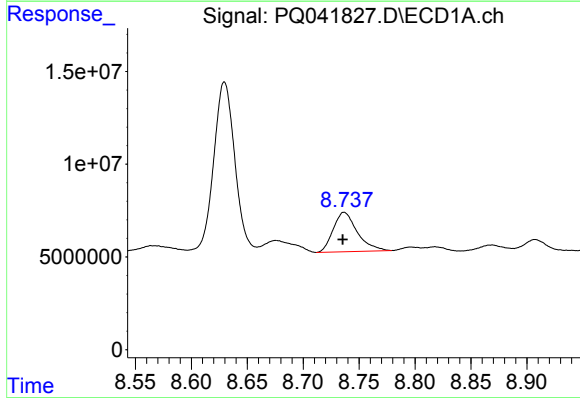
R.T.: 8.345 min
Delta R.T.: 0.003 min
Response: 30497159
Conc: 133.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



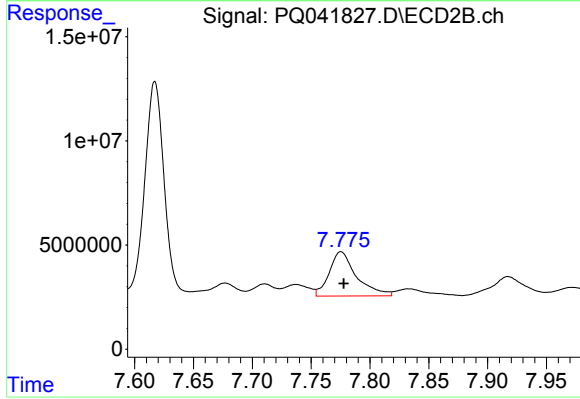
#27 AR-1254-2

R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 14871553
Conc: 91.87 ng/ml



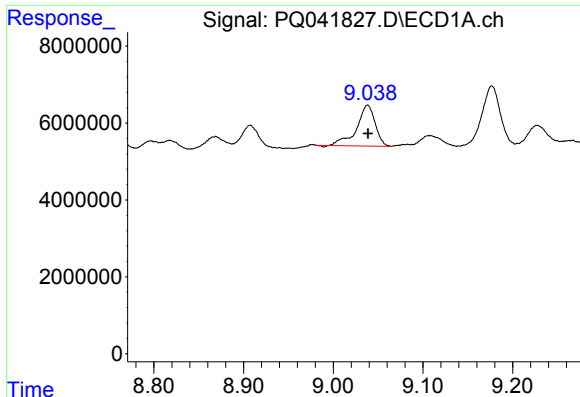
#28 AR-1254-3

R.T.: 8.737 min
Delta R.T.: 0.001 min
Response: 31825705
Conc: 116.40 ng/ml



#28 AR-1254-3

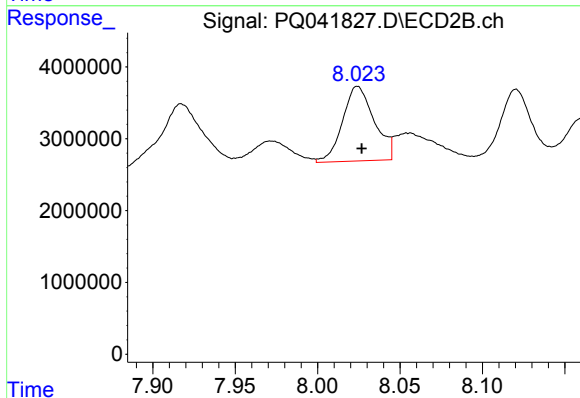
R.T.: 7.775 min
Delta R.T.: -0.002 min
Response: 34285946
Conc: 118.88 ng/ml



#29 AR-1254-4

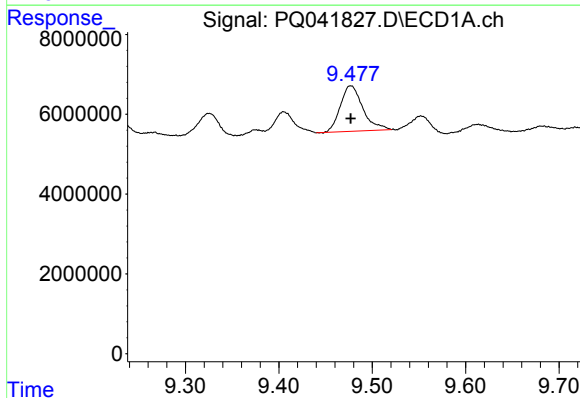
R.T.: 9.038 min
Delta R.T.: 0.000 min
Response: 15283847
Conc: 62.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



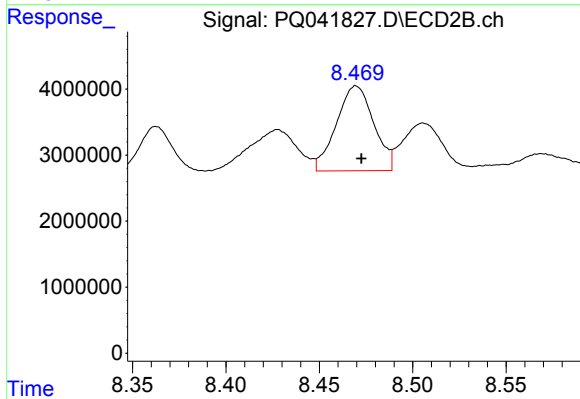
#29 AR-1254-4

R.T.: 8.024 min
Delta R.T.: -0.003 min
Response: 13928635
Conc: 64.17 ng/ml



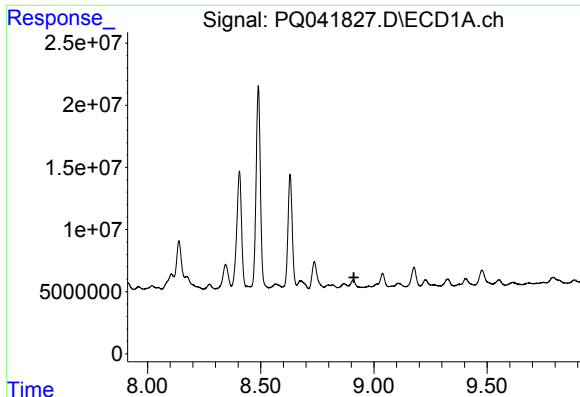
#30 AR-1254-5

R.T.: 9.477 min
Delta R.T.: 0.000 min
Response: 19074737
Conc: 70.43 ng/ml



#30 AR-1254-5

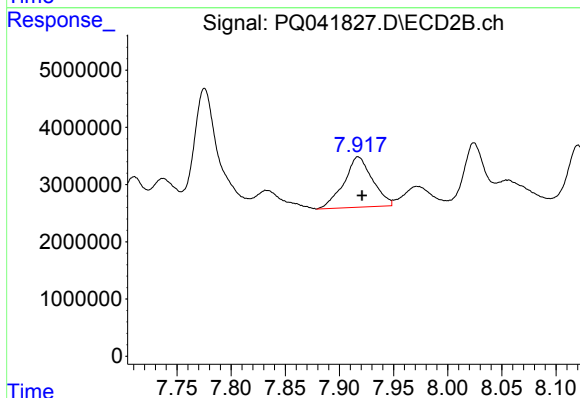
R.T.: 8.470 min
Delta R.T.: -0.003 min
Response: 17920824
Conc: 59.58 ng/ml



#31 AR-1260-1

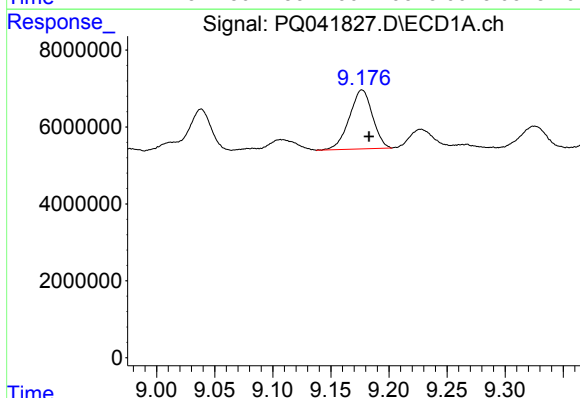
R.T.: 0.000 min
Exp R.T.: 8.912 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



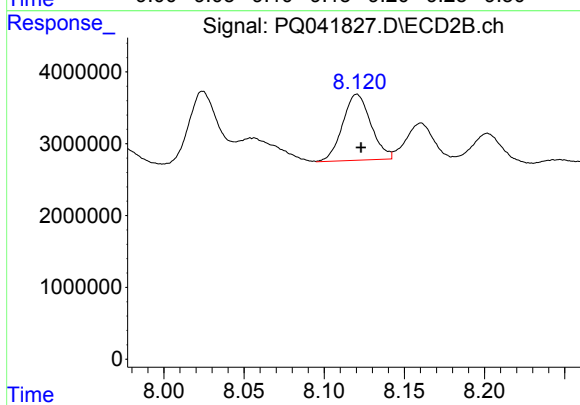
#31 AR-1260-1

R.T.: 7.917 min
Delta R.T.: -0.004 min
Response: 16163312
Conc: 89.09 ng/ml



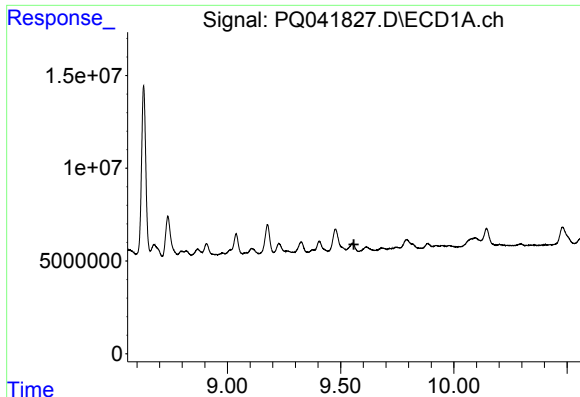
#32 AR-1260-2

R.T.: 9.177 min
Delta R.T.: -0.006 min
Response: 21299356
Conc: 84.43 ng/ml



#32 AR-1260-2

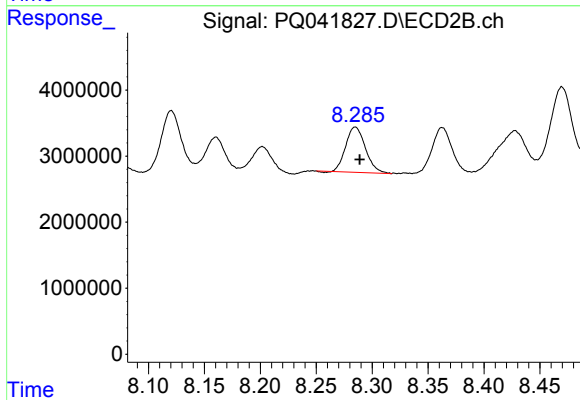
R.T.: 8.120 min
Delta R.T.: -0.003 min
Response: 11293311
Conc: 46.03 ng/ml



#33 AR-1260-3

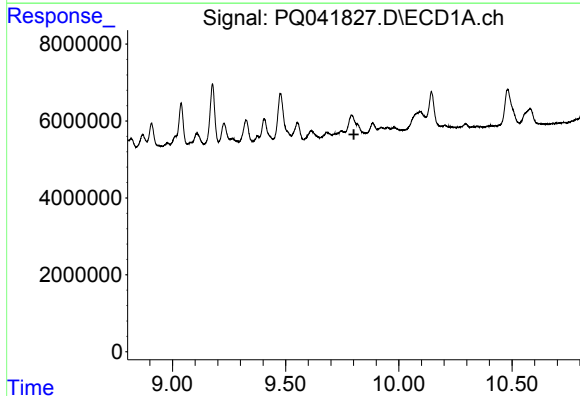
R.T.: 0.000 min
Exp R.T.: 9.558 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



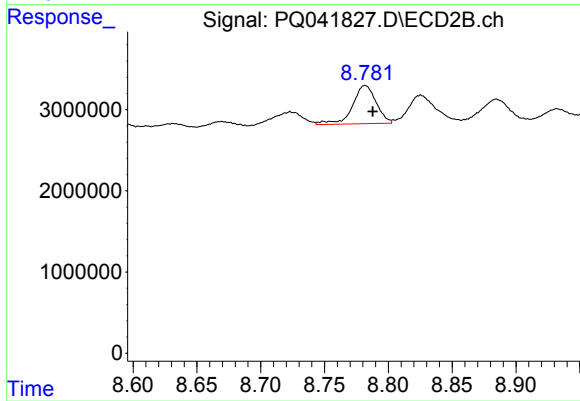
#33 AR-1260-3

R.T.: 8.285 min
Delta R.T.: -0.004 min
Response: 8403732
Conc: 39.50 ng/ml



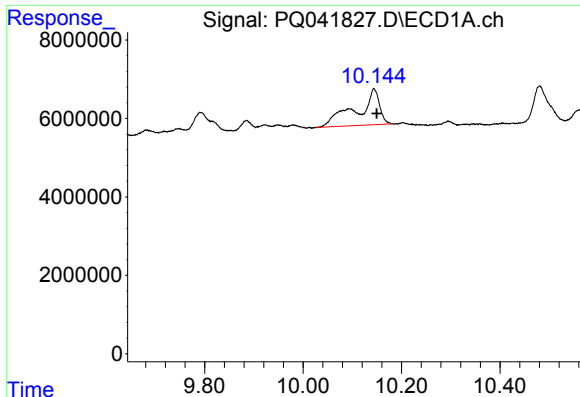
#34 AR-1260-4

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



#34 AR-1260-4

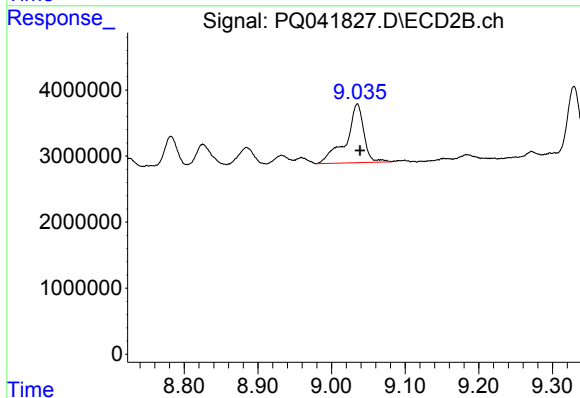
R.T.: 8.782 min
Delta R.T.: -0.006 min
Response: 6064502
Conc: 29.98 ng/ml



#35 AR-1260-5

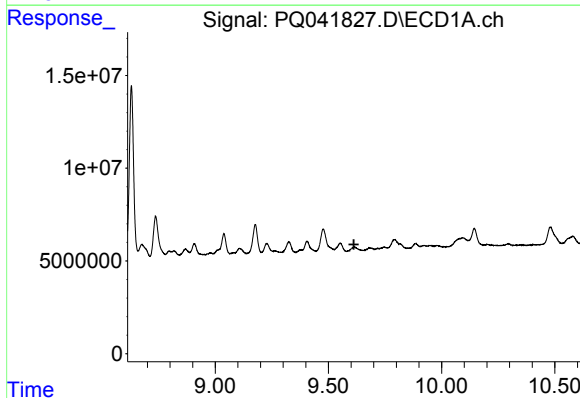
R.T.: 10.144 min
Delta R.T.: -0.005 min
Response: 29843156
Conc: 44.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



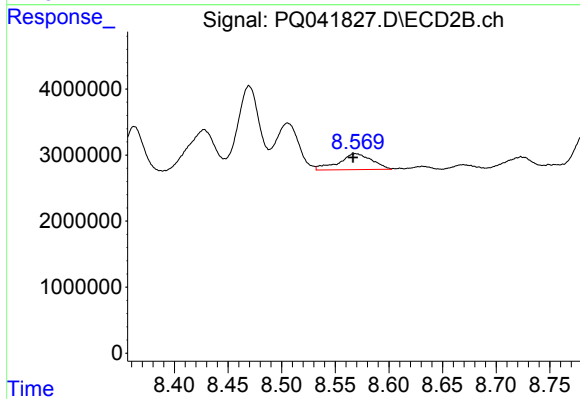
#35 AR-1260-5

R.T.: 9.035 min
Delta R.T.: -0.004 min
Response: 14877223
Conc: 25.21 ng/ml



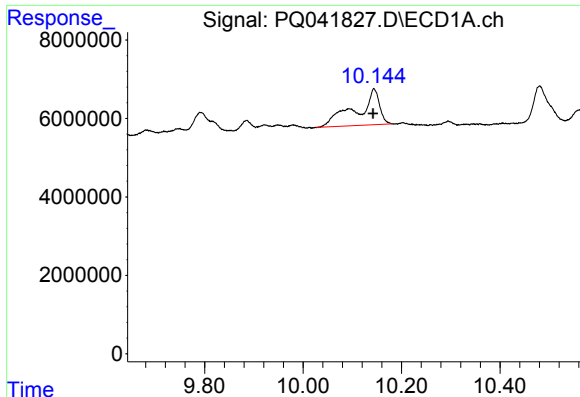
#36 AR-1262-1

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



#36 AR-1262-1

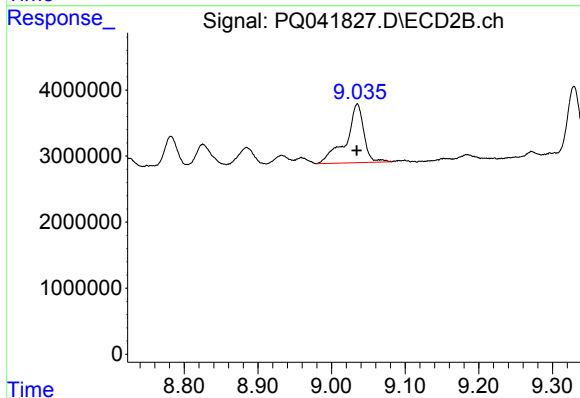
R.T.: 8.569 min
Delta R.T.: 0.002 min
Response: 5205233
Conc: 36.28 ng/ml



#37 AR-1262-2

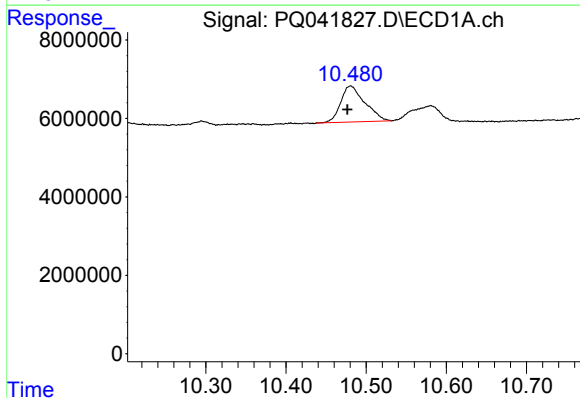
R.T.: 10.144 min
Delta R.T.: 0.002 min
Response: 29843156
Conc: 34.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



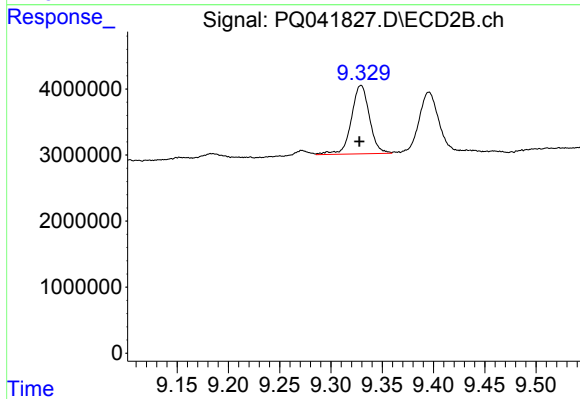
#37 AR-1262-2

R.T.: 9.035 min
Delta R.T.: 0.000 min
Response: 14877223
Conc: 20.08 ng/ml



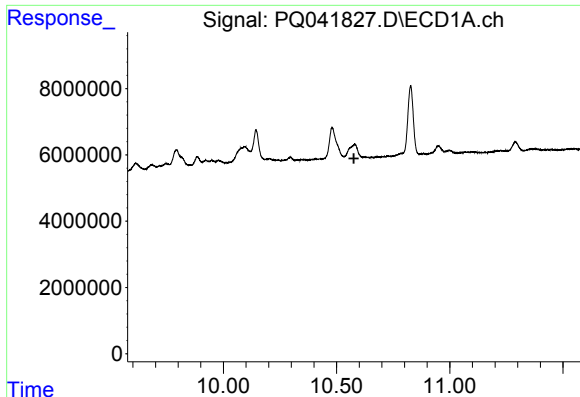
#38 AR-1262-3

R.T.: 10.481 min
Delta R.T.: 0.004 min
Response: 19290969
Conc: 30.38 ng/ml



#38 AR-1262-3

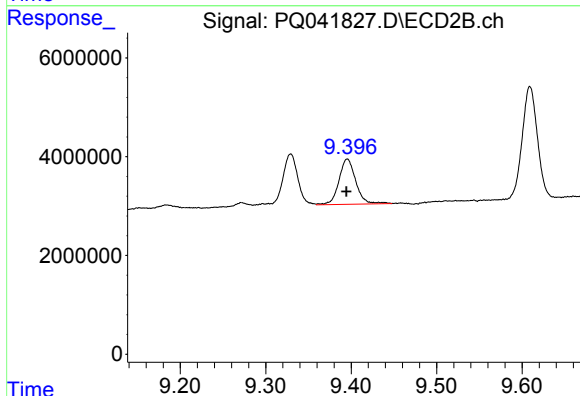
R.T.: 9.329 min
Delta R.T.: 0.001 min
Response: 12758439
Conc: 40.33 ng/ml



#39 AR-1262-4

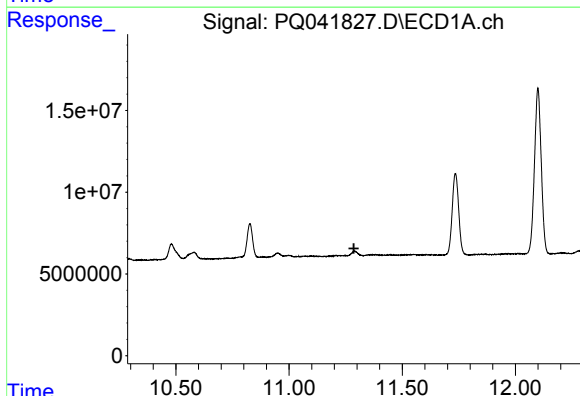
R.T.: 0.000 min
Exp R.T. : 10.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



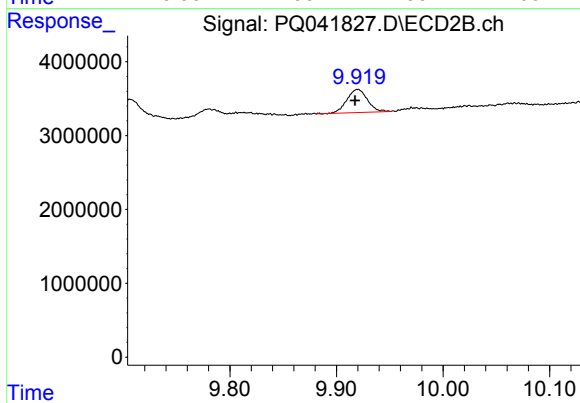
#39 AR-1262-4

R.T.: 9.396 min
Delta R.T.: 0.000 min
Response: 12467393
Conc: 22.17 ng/ml



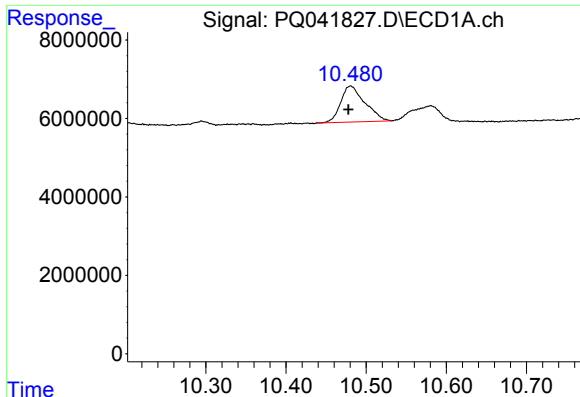
#40 AR-1262-5

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



#40 AR-1262-5

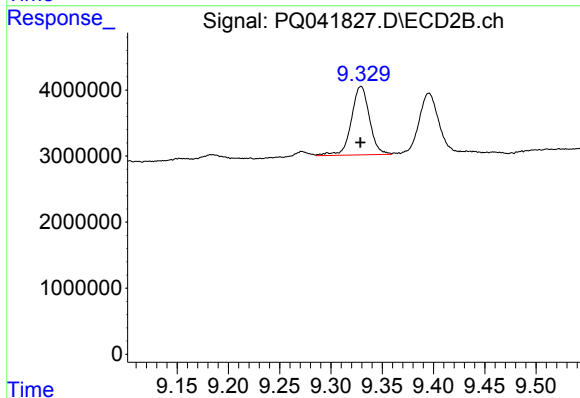
R.T.: 9.920 min
Delta R.T.: 0.002 min
Response: 4200865
Conc: 14.71 ng/ml



#41 AR-1268-1

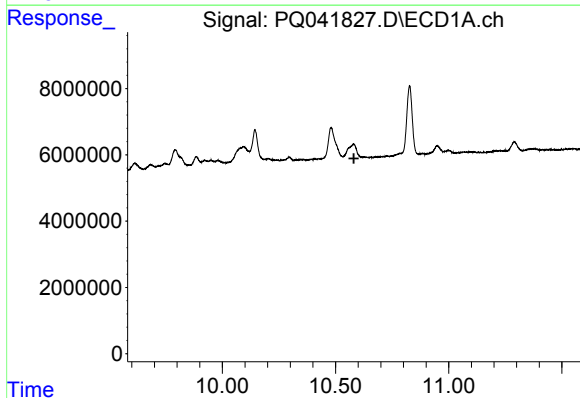
R.T.: 10.481 min
Delta R.T.: 0.003 min
Response: 19290969
Conc: 13.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



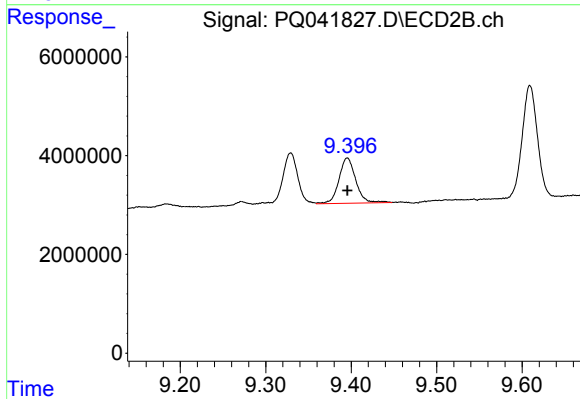
#41 AR-1268-1

R.T.: 9.329 min
Delta R.T.: 0.000 min
Response: 12758439
Conc: 11.16 ng/ml



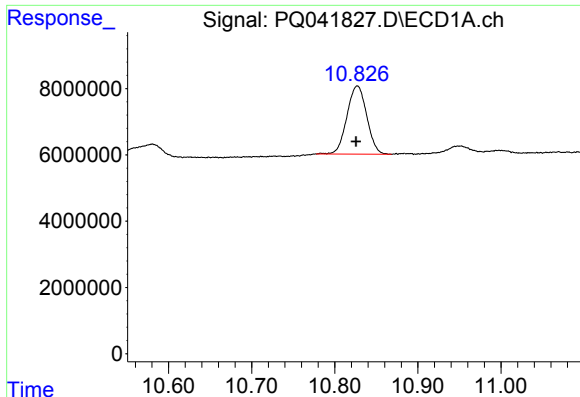
#42 AR-1268-2

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



#42 AR-1268-2

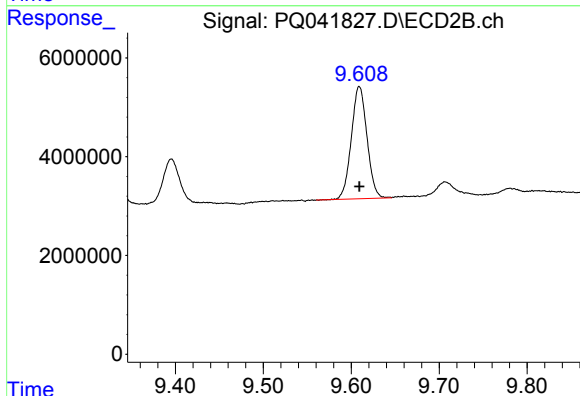
R.T.: 9.396 min
Delta R.T.: 0.000 min
Response: 12467393
Conc: 12.14 ng/ml



#43 AR-1268-3

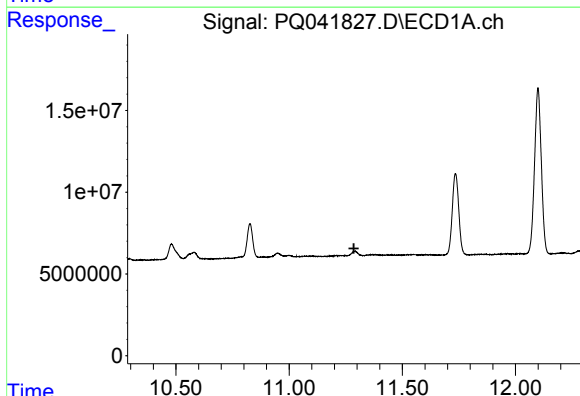
R.T.: 10.827 min
Delta R.T.: 0.002 min
Response: 33943096
Conc: 29.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



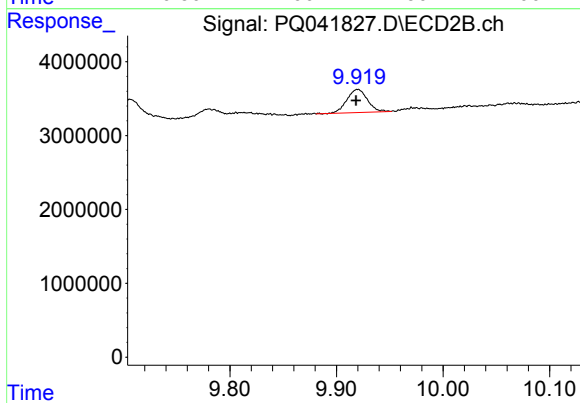
#43 AR-1268-3

R.T.: 9.609 min
Delta R.T.: 0.000 min
Response: 28122638
Conc: 32.36 ng/ml



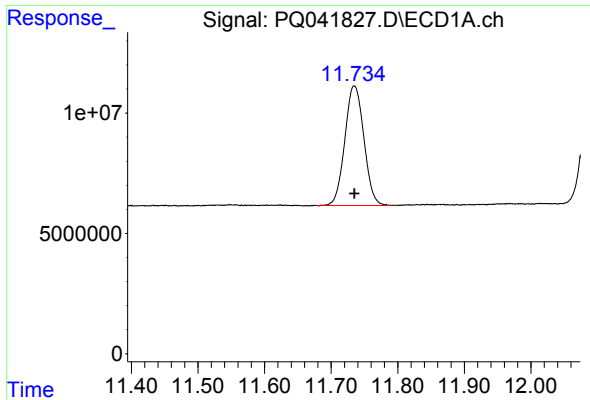
#44 AR-1268-4

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



#44 AR-1268-4

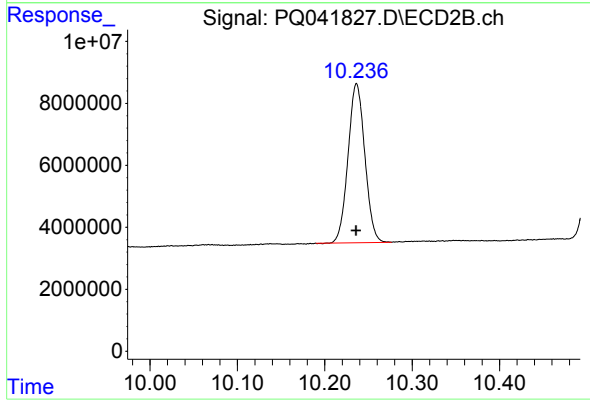
R.T.: 9.920 min
Delta R.T.: 0.002 min
Response: 4200865
Conc: 10.92 ng/ml



#45 AR-1268-5

R.T.: 11.735 min
Delta R.T.: 0.000 min
Response: 98870812
Conc: 24.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 68564569
Conc: 26.40 ng/ml