

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
 Data File : PQ041822.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2019 17:54
 Operator : SM\AJ
 Sample : K3020-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 01:08:13 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	37797628	33354077	16.481	17.307
2)	SA Decachlor...	12.099	10.514	189.8E6	122.9E6	22.509	25.409
Target Compounds							
3)	L1 AR-1016-1	7.142	6.208	18036479	17378110	166.874	167.469
4)	L1 AR-1016-2	7.168	6.231	34221493	25216503	218.629	176.008
5)	L1 AR-1016-3	0.000	6.445	0	8211255	N.D.	110.112 #
6)	L1 AR-1016-4	0.000	6.500	0	27027481	N.D.	435.855 #
7)	L1 AR-1016-5	7.663	6.756	12519116	48289988	159.256	593.218 #
10)	L2 AR-1221-3	0.000	5.283	0	2798323	N.D.	51.315 #
11)	L3 AR-1232-1	0.000	5.283	0	2798323	N.D.	57.951 #
12)	L3 AR-1232-2	0.000	6.231	0	25216503	N.D.	442.179 #
13)	L3 AR-1232-3	7.168	6.445	34221493	8211255	512.578	275.365 #
14)	L3 AR-1232-4	0.000	6.547	0	25029833	N.D.	937.563 #
15)	L3 AR-1232-5	7.457	6.756	26001142	48289988	1209.903	1646.653 #
16)	L4 AR-1242-1	7.142	6.208	18036479	17378110	201.640	212.343
17)	L4 AR-1242-2	7.168	6.231	34221493	25216503	266.126	223.278
18)	L4 AR-1242-3	0.000	6.445	0	8211255	N.D.	139.003 #
19)	L4 AR-1242-4	0.000	6.547	0	25029833	N.D.	422.107 #
20)	L4 AR-1242-5	8.138	7.156	284.3E6	104.1E6	3203.856	1172.661 #
21)	L5 AR-1248-1	7.142	6.208	18036479	17378110	243.289	262.098
22)	L5 AR-1248-2	7.457	6.500	26001142	27027481	281.815	309.992
23)	L5 AR-1248-3	7.663	6.547	12519116	25029833	111.737	280.428 #
24)	L5 AR-1248-4	8.138	6.756	284.3E6	48289988	1818.035	438.436 #
25)	L5 AR-1248-5	8.138	7.208	284.3E6	38282612	1878.527	298.675 #
26)	L6 AR-1254-1	8.106	7.156	36422276	104.1E6	261.815	569.351 #
27)	L6 AR-1254-2	8.345	7.328	63287088	30741415	276.504	189.913 #
28)	L6 AR-1254-3	8.736	7.776	59892485	61770767	219.044	214.179
29)	L6 AR-1254-4	9.036	8.024	33139227	24188768	134.617	111.432
30)	L6 AR-1254-5	9.476	8.470	30280031	30134427	111.798	100.192
31)	L7 AR-1260-1	8.907	7.918	14625141	29271300	82.217	161.337 #
32)	L7 AR-1260-2	9.177	8.120	32789568	17299790	129.975	70.515 #
33)	L7 AR-1260-3	0.000	8.285	0	15899594	N.D.	74.724 #
34)	L7 AR-1260-4	0.000	8.783	0	6822417	N.D.	33.726 #
35)	L7 AR-1260-5	10.144	9.035	54095826	22173320	80.310	37.569 #
36)	L8 AR-1262-1	0.000	8.573	0	11511691	N.D.	80.241 #
37)	L8 AR-1262-2	10.144	9.035	54095826	22173320	61.794	29.921 #
38)	L8 AR-1262-3	0.000	9.328	0	6818749	N.D.	21.553 #
39)	L8 AR-1262-4	0.000	9.395	0	14292150	N.D.	25.414 #
40)	L8 AR-1262-5	0.000	9.919	0	5667608	N.D.	19.844 #
41)	L9 AR-1268-1	0.000	9.328	0	6818749	N.D.	5.965 #
42)	L9 AR-1268-2	0.000	9.395	0	14292150	N.D.	13.922 #
43)	L9 AR-1268-3	0.000	9.608	0	7748661	N.D.	8.917 #

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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	9.919	0	5667608	N.D.	14.734 #
45) L9	AR-1268-5	11.733	10.236	25606724	18452551	6.318	7.104

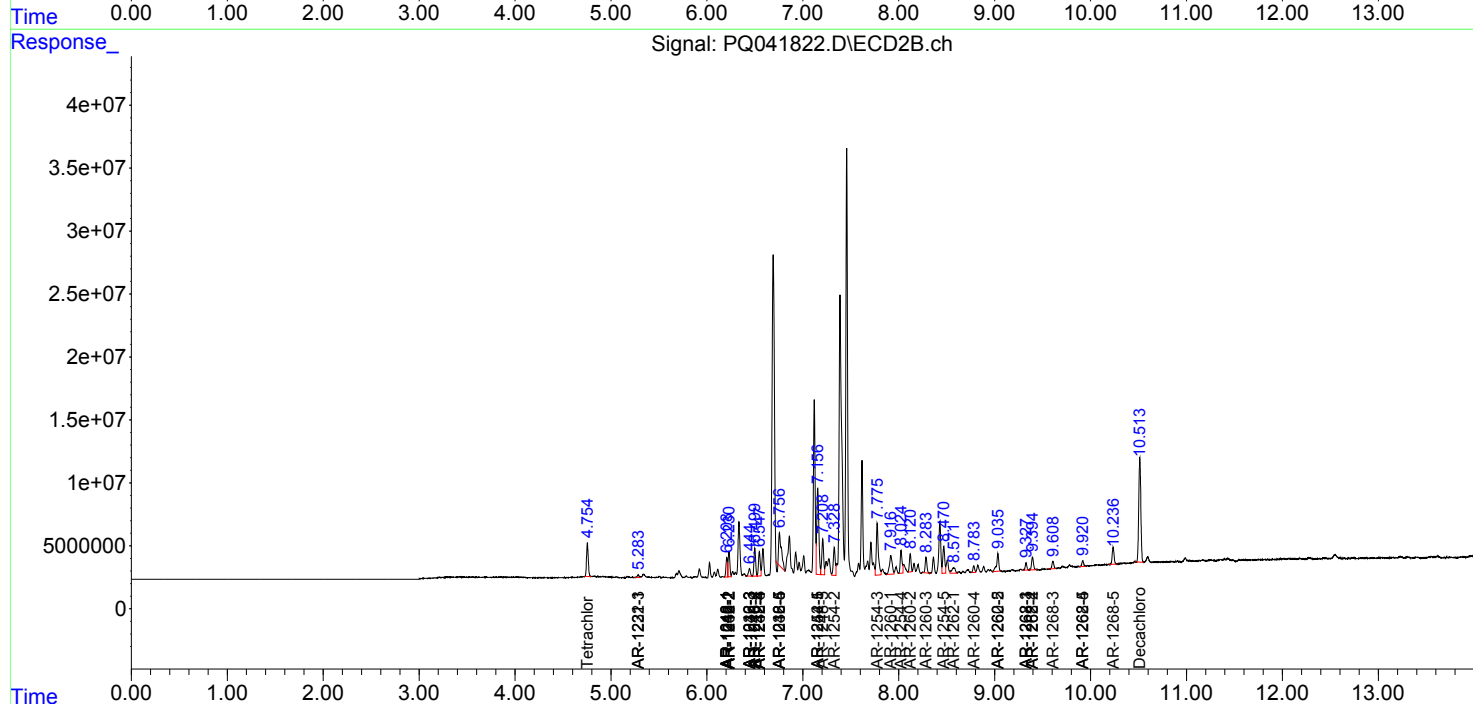
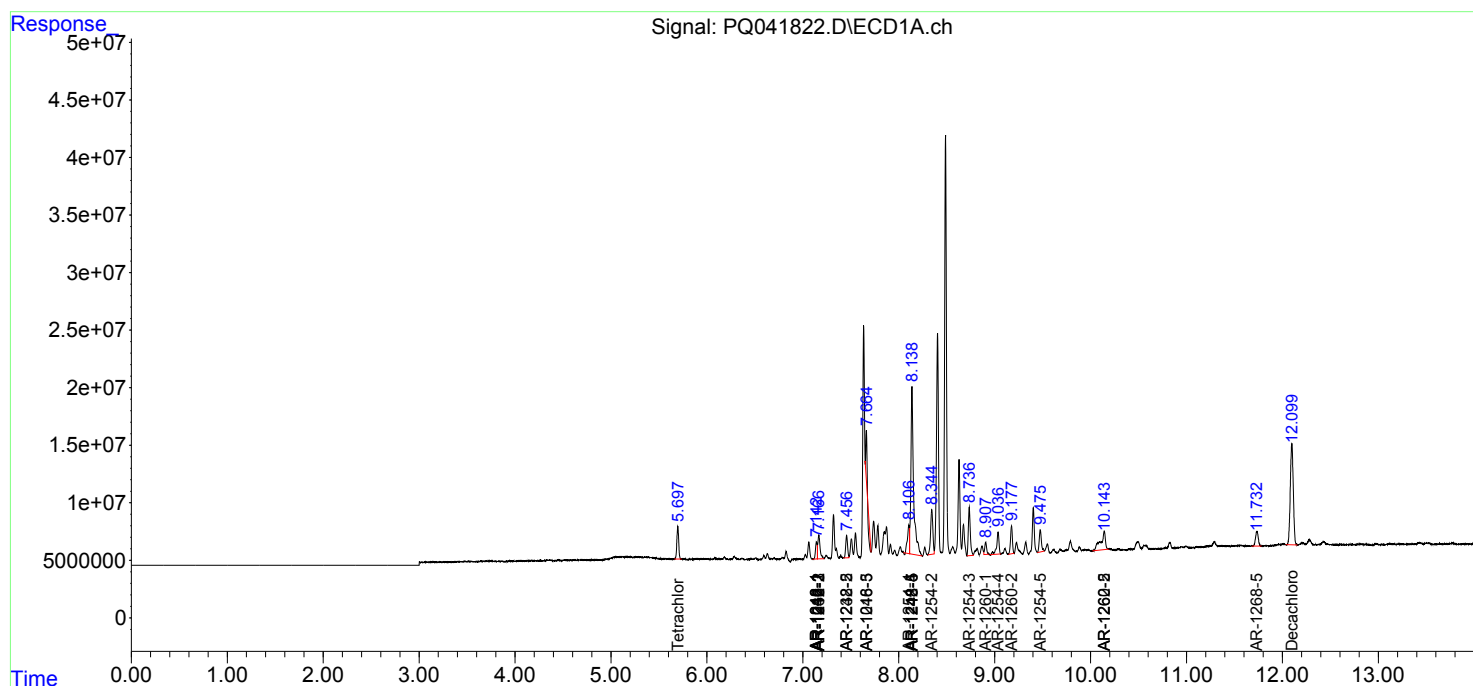
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

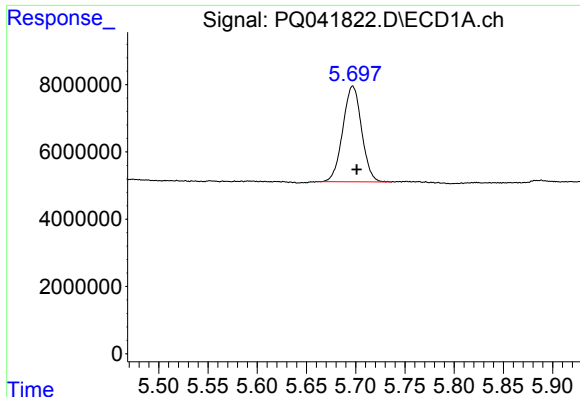
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Volume Inj. : 1 µl
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

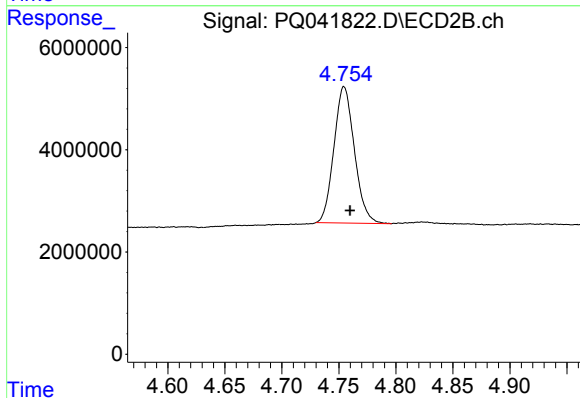




#1 Tetrachloro-m-xylene

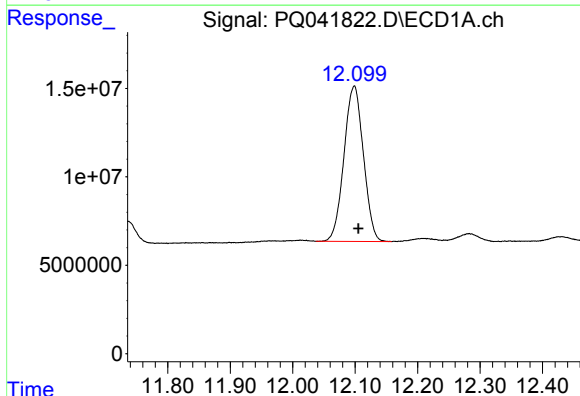
R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 37797628
Conc: 16.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



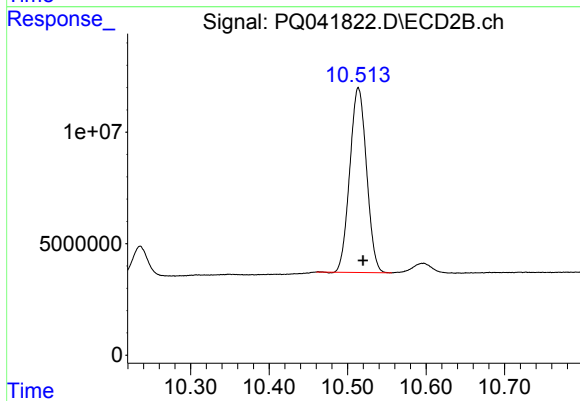
#1 Tetrachloro-m-xylene

R.T.: 4.755 min
Delta R.T.: -0.005 min
Response: 33354077
Conc: 17.31 ng/ml



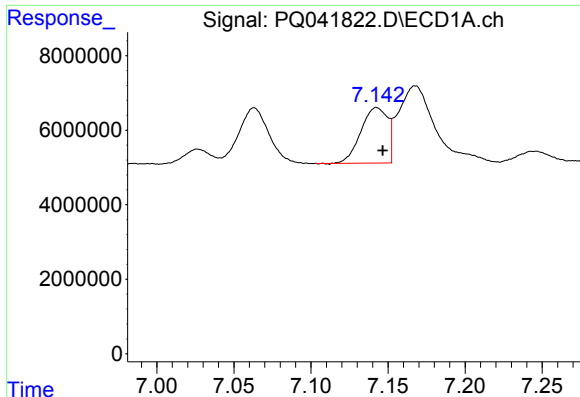
#2 Decachlorobiphenyl

R.T.: 12.099 min
Delta R.T.: -0.007 min
Response: 189779557
Conc: 22.51 ng/ml



#2 Decachlorobiphenyl

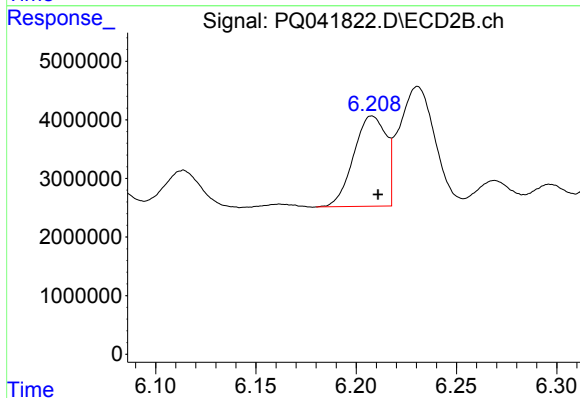
R.T.: 10.514 min
Delta R.T.: -0.006 min
Response: 122912092
Conc: 25.41 ng/ml



#3 AR-1016-1

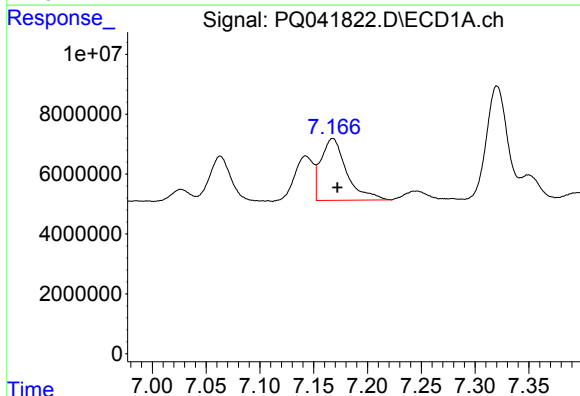
R.T.: 7.142 min
Delta R.T.: -0.004 min
Response: 18036479
Conc: 166.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



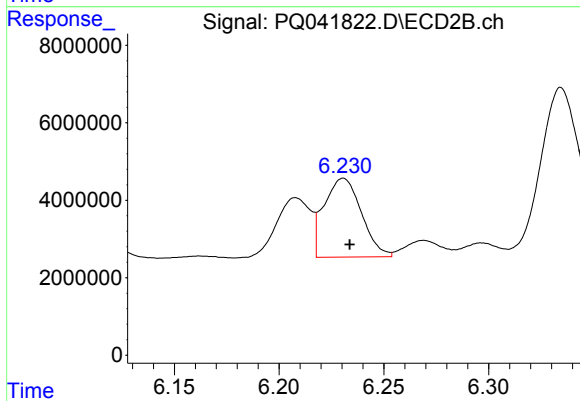
#3 AR-1016-1

R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 17378110
Conc: 167.47 ng/ml



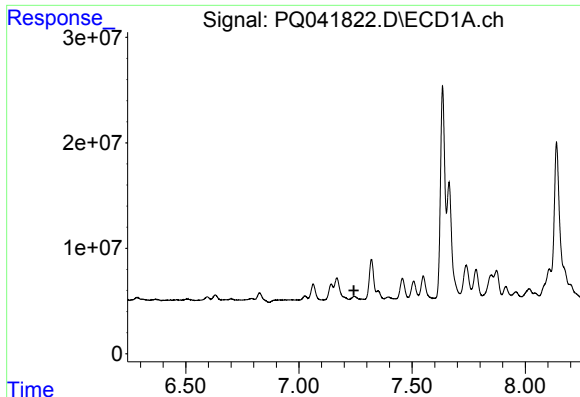
#4 AR-1016-2

R.T.: 7.168 min
Delta R.T.: -0.004 min
Response: 34221493
Conc: 218.63 ng/ml



#4 AR-1016-2

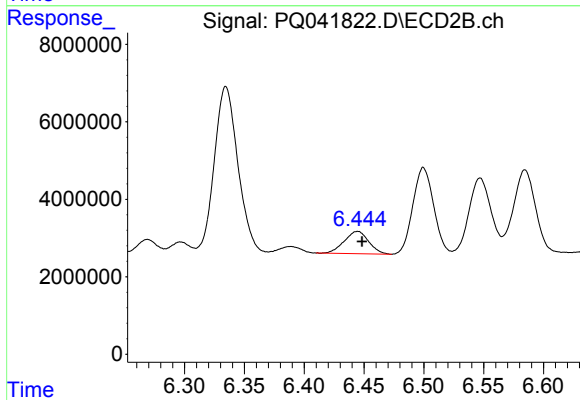
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 25216503
Conc: 176.01 ng/ml



#5 AR-1016-3

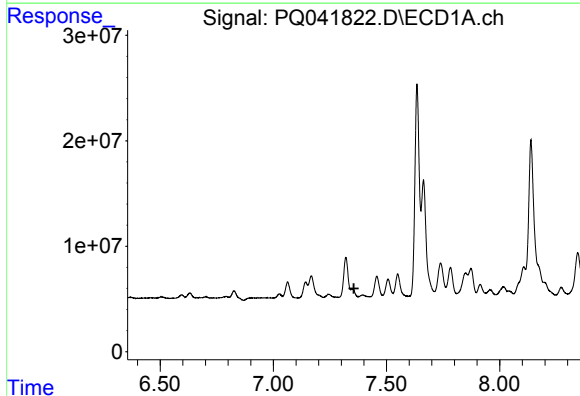
R.T.: 0.000 min
Exp R.T.: 7.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



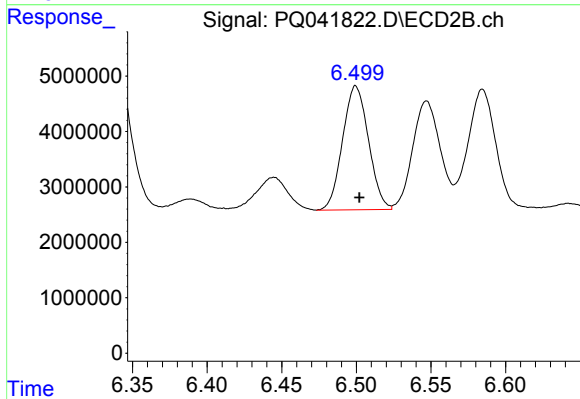
#5 AR-1016-3

R.T.: 6.445 min
Delta R.T.: -0.004 min
Response: 8211255
Conc: 110.11 ng/ml



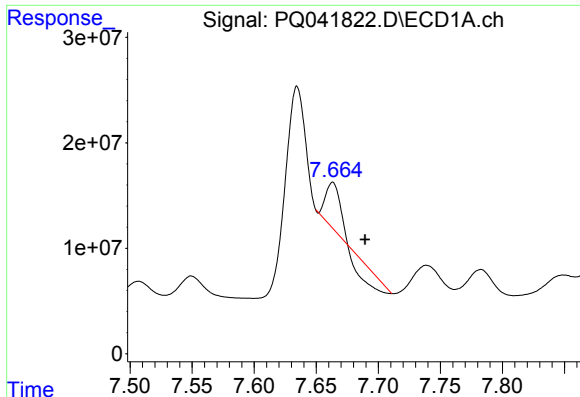
#6 AR-1016-4

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



#6 AR-1016-4

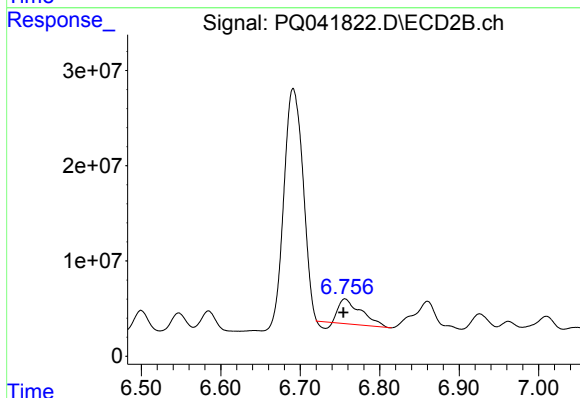
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 27027481
Conc: 435.85 ng/ml



#7 AR-1016-5

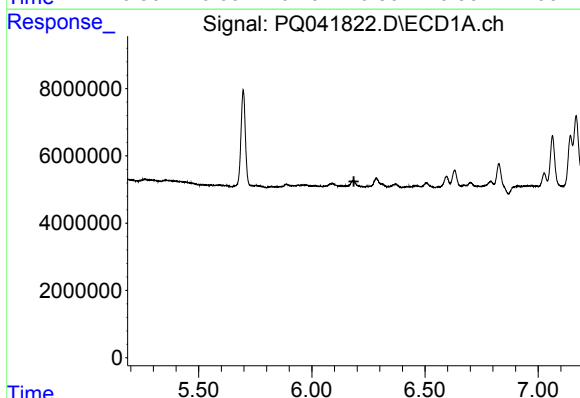
R.T.: 7.663 min
Delta R.T.: -0.026 min
Response: 12519116
Conc: 159.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



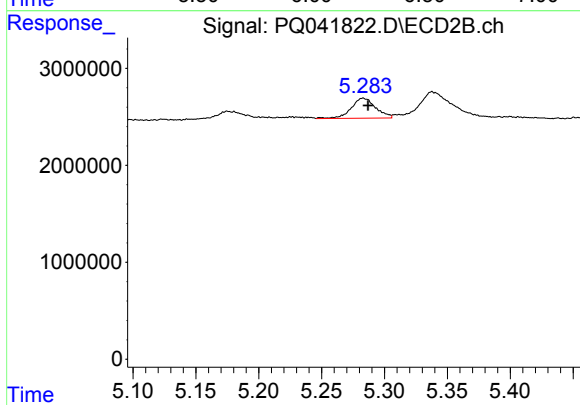
#7 AR-1016-5

R.T.: 6.756 min
Delta R.T.: 0.002 min
Response: 48289988
Conc: 593.22 ng/ml



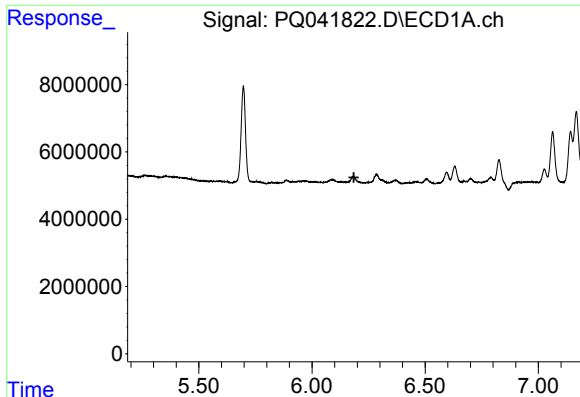
#10 AR-1221-3

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



#10 AR-1221-3

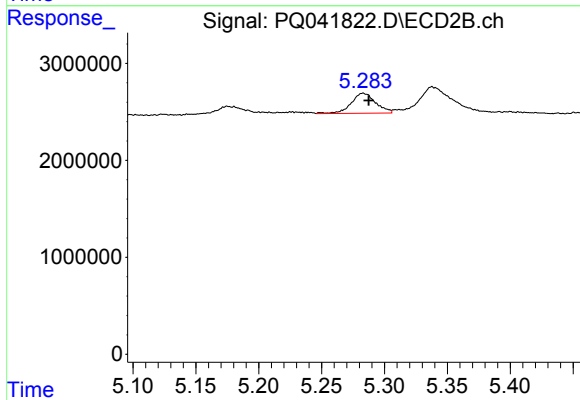
R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 2798323
Conc: 51.32 ng/ml



#11 AR-1232-1

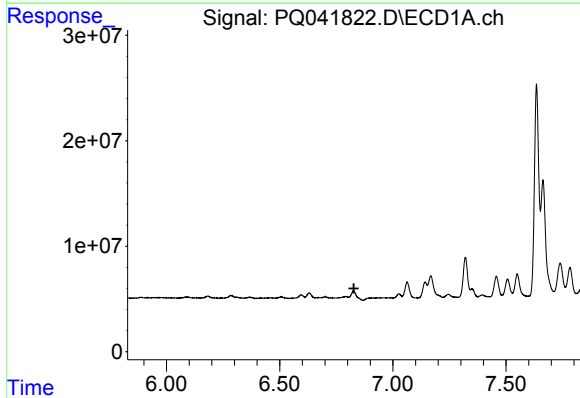
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



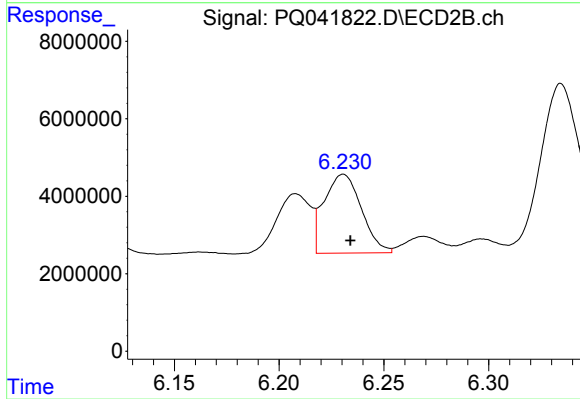
#11 AR-1232-1

R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 2798323
Conc: 57.95 ng/ml



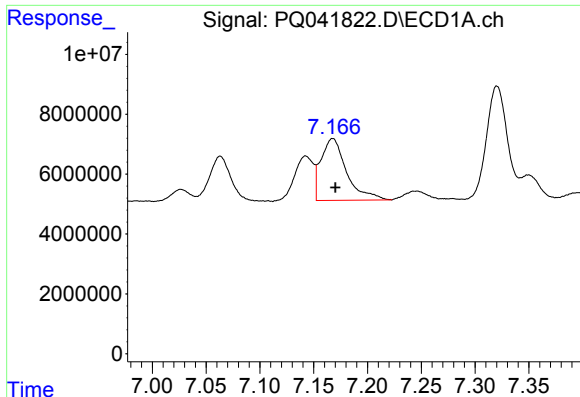
#12 AR-1232-2

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



#12 AR-1232-2

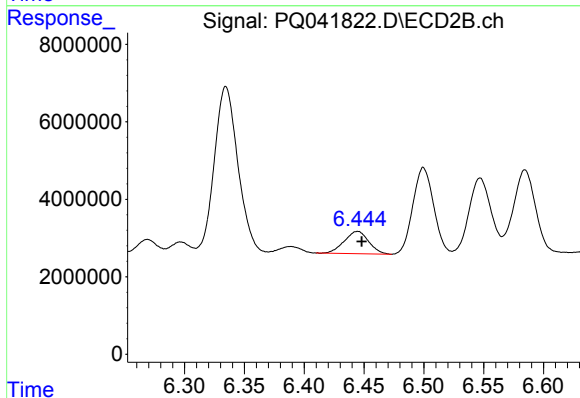
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 25216503
Conc: 442.18 ng/ml



#13 AR-1232-3

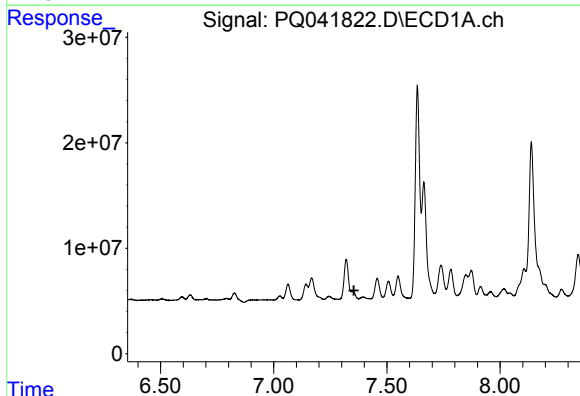
R.T.: 7.168 min
Delta R.T.: -0.002 min
Response: 34221493
Conc: 512.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



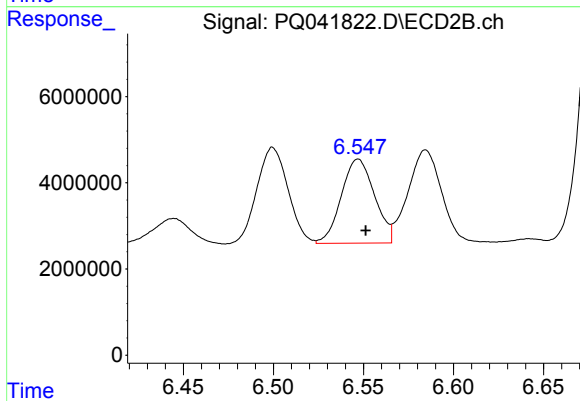
#13 AR-1232-3

R.T.: 6.445 min
Delta R.T.: -0.003 min
Response: 8211255
Conc: 275.37 ng/ml



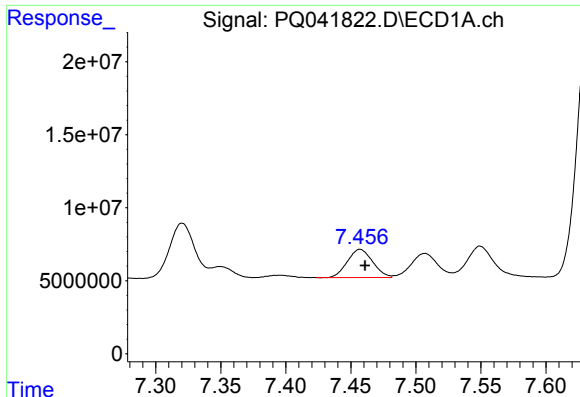
#14 AR-1232-4

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



#14 AR-1232-4

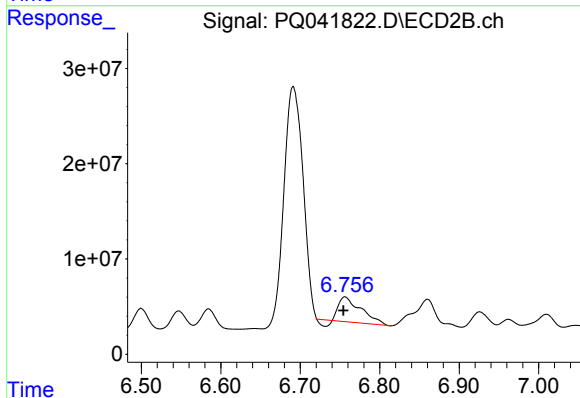
R.T.: 6.547 min
Delta R.T.: -0.004 min
Response: 25029833
Conc: 937.56 ng/ml



#15 AR-1232-5

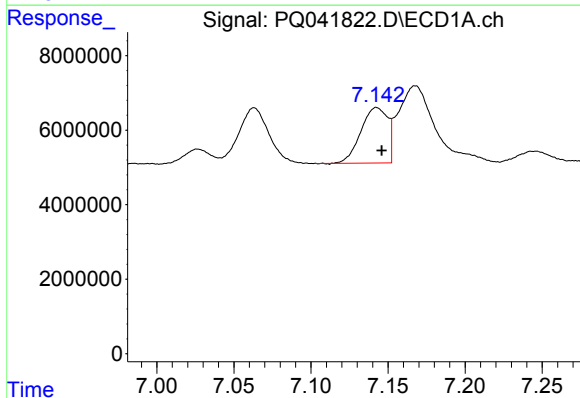
R.T.: 7.457 min
Delta R.T.: -0.004 min
Response: 26001142
Conc: 1209.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



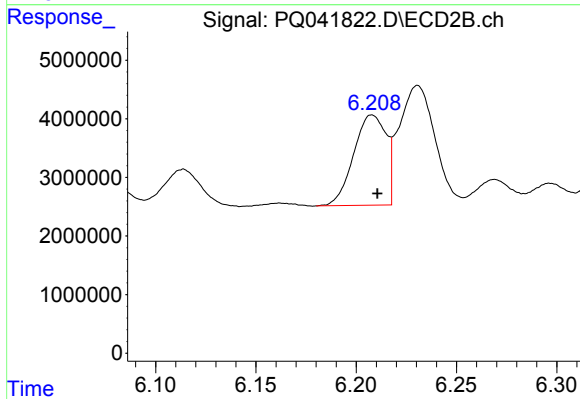
#15 AR-1232-5

R.T.: 6.756 min
Delta R.T.: 0.002 min
Response: 48289988
Conc: 1646.65 ng/ml



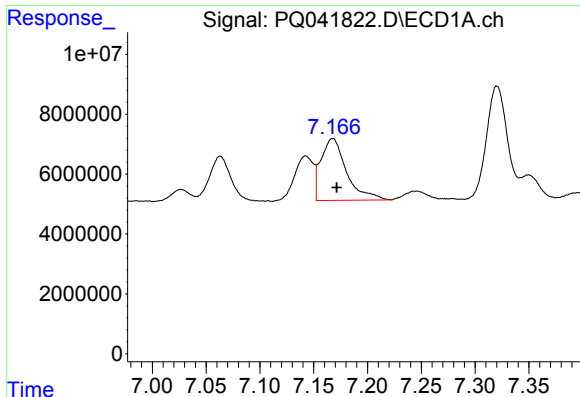
#16 AR-1242-1

R.T.: 7.142 min
Delta R.T.: -0.004 min
Response: 18036479
Conc: 201.64 ng/ml



#16 AR-1242-1

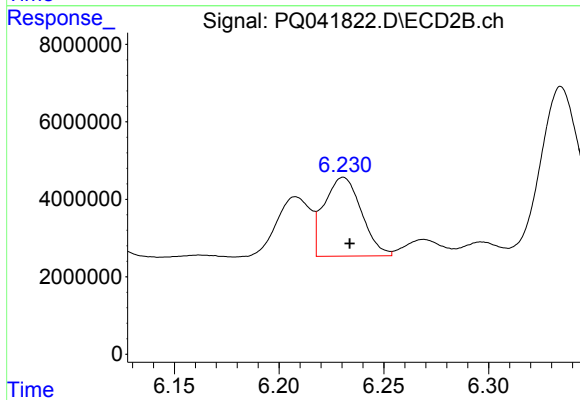
R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 17378110
Conc: 212.34 ng/ml



#17 AR-1242-2

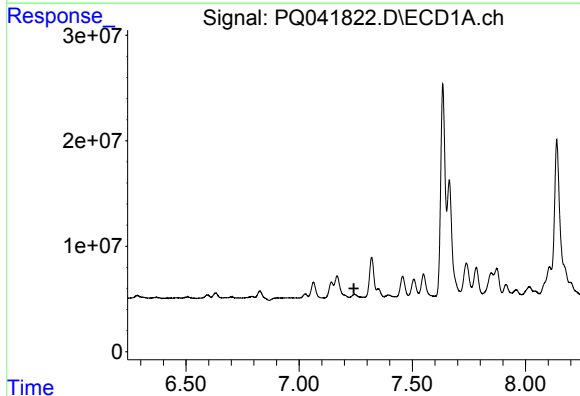
R.T.: 7.168 min
Delta R.T.: -0.004 min
Response: 34221493
Conc: 266.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



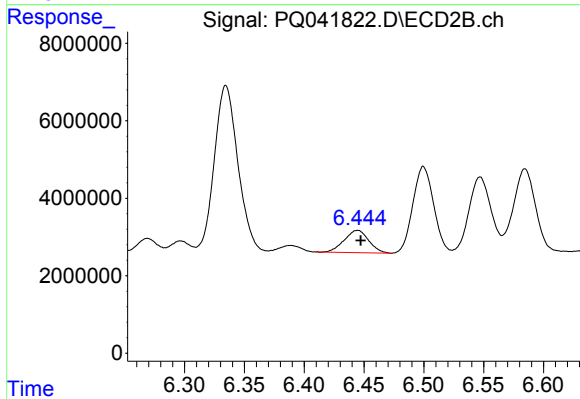
#17 AR-1242-2

R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 25216503
Conc: 223.28 ng/ml



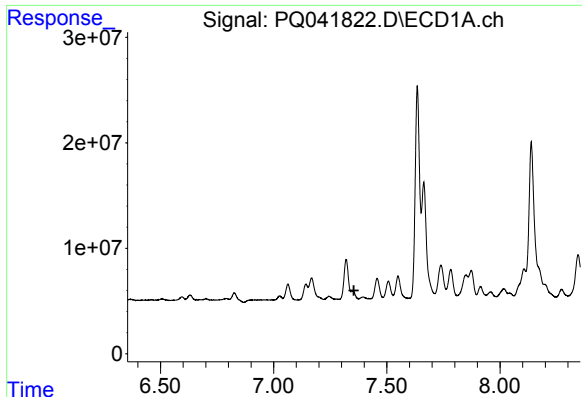
#18 AR-1242-3

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



#18 AR-1242-3

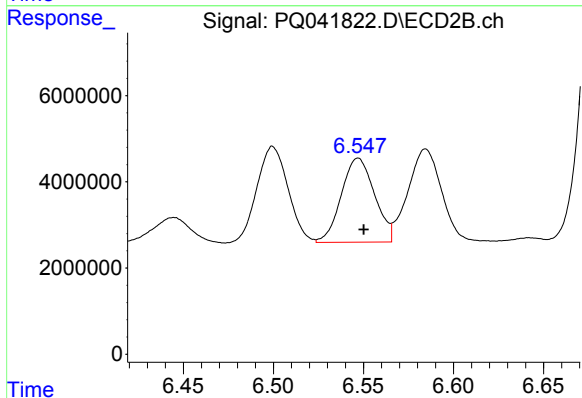
R.T.: 6.445 min
Delta R.T.: -0.002 min
Response: 8211255
Conc: 139.00 ng/ml



#19 AR-1242-4

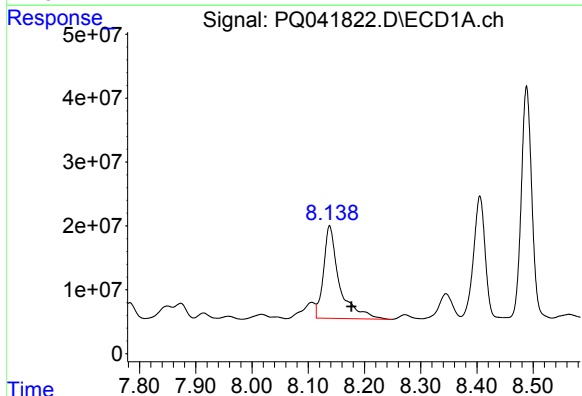
R.T.: 0.000 min
Exp R.T.: 7.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



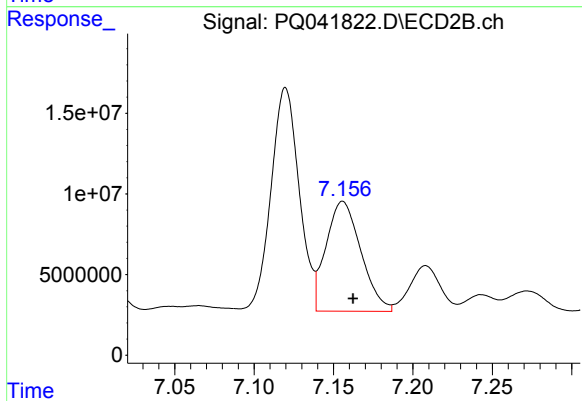
#19 AR-1242-4

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 25029833
Conc: 422.11 ng/ml



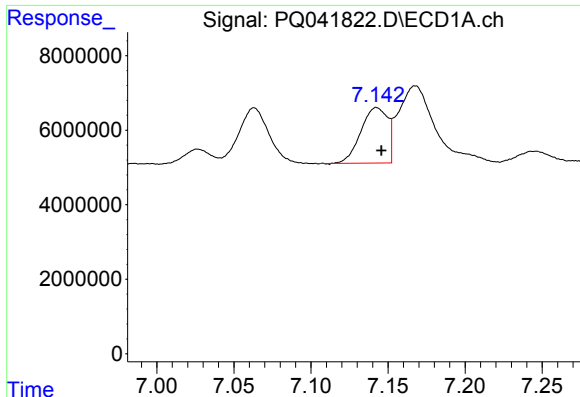
#20 AR-1242-5

R.T.: 8.138 min
Delta R.T.: -0.039 min
Response: 284264782
Conc: 3203.86 ng/ml



#20 AR-1242-5

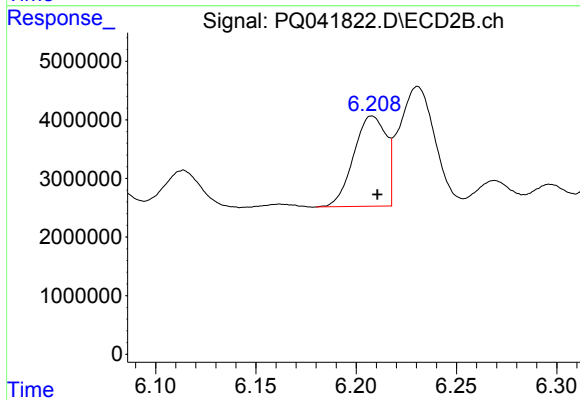
R.T.: 7.156 min
Delta R.T.: -0.006 min
Response: 104125550
Conc: 1172.66 ng/ml



#21 AR-1248-1

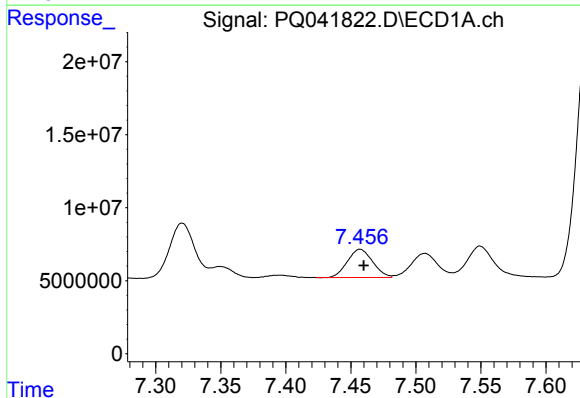
R.T.: 7.142 min
Delta R.T.: -0.003 min
Response: 18036479
Conc: 243.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



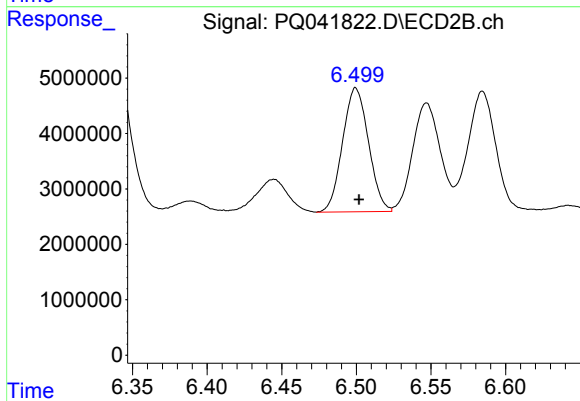
#21 AR-1248-1

R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 17378110
Conc: 262.10 ng/ml



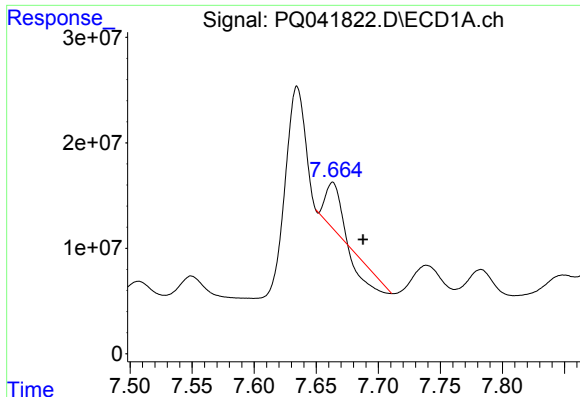
#22 AR-1248-2

R.T.: 7.457 min
Delta R.T.: -0.003 min
Response: 26001142
Conc: 281.81 ng/ml



#22 AR-1248-2

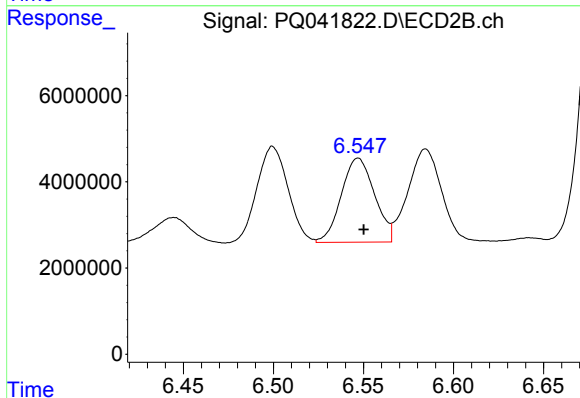
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 27027481
Conc: 309.99 ng/ml



#23 AR-1248-3

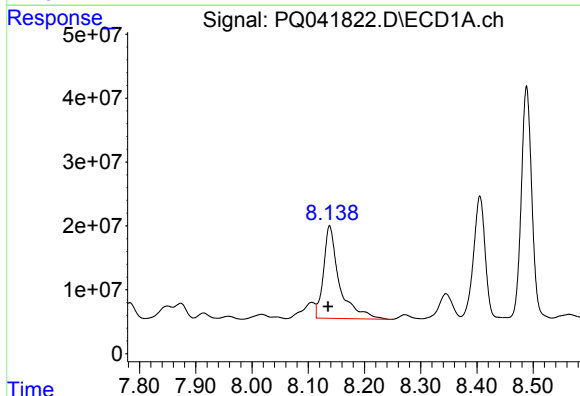
R.T.: 7.663 min
Delta R.T.: -0.024 min
Response: 12519116
Conc: 111.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



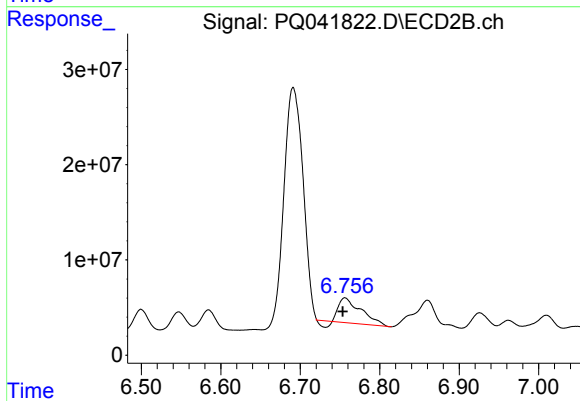
#23 AR-1248-3

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 25029833
Conc: 280.43 ng/ml



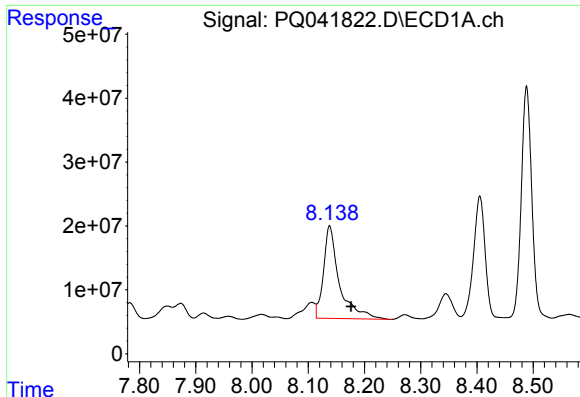
#24 AR-1248-4

R.T.: 8.138 min
Delta R.T.: 0.003 min
Response: 284264782
Conc: 1818.04 ng/ml



#24 AR-1248-4

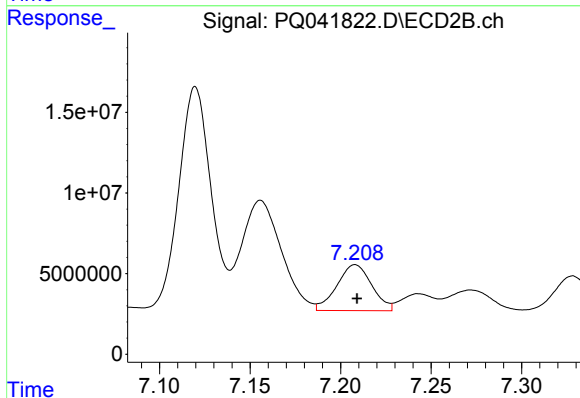
R.T.: 6.756 min
Delta R.T.: 0.003 min
Response: 48289988
Conc: 438.44 ng/ml



#25 AR-1248-5

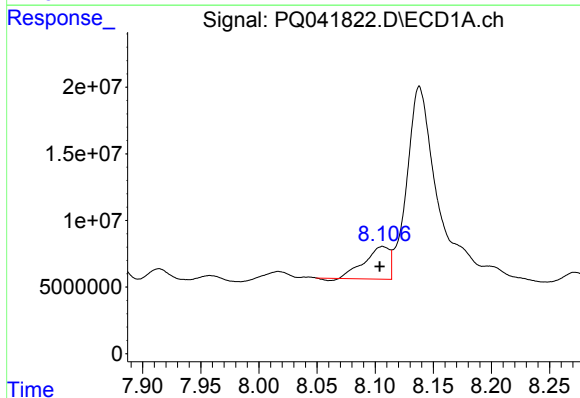
R.T.: 8.138 min
Delta R.T.: -0.038 min
Response: 284264782
Conc: 1878.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



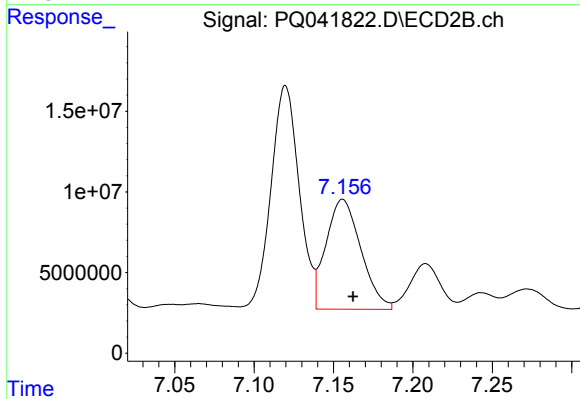
#25 AR-1248-5

R.T.: 7.208 min
Delta R.T.: 0.000 min
Response: 38282612
Conc: 298.68 ng/ml



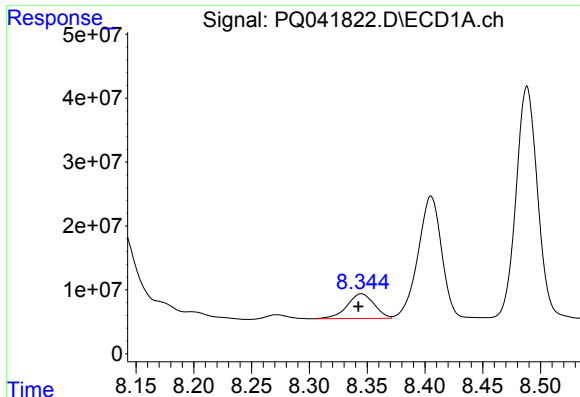
#26 AR-1254-1

R.T.: 8.106 min
Delta R.T.: 0.003 min
Response: 36422276
Conc: 261.81 ng/ml



#26 AR-1254-1

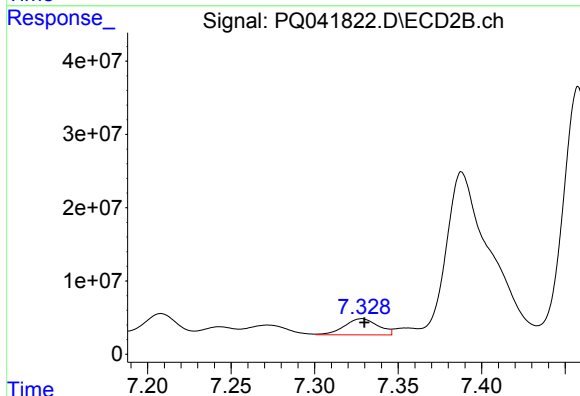
R.T.: 7.156 min
Delta R.T.: -0.007 min
Response: 104125550
Conc: 569.35 ng/ml



#27 AR-1254-2

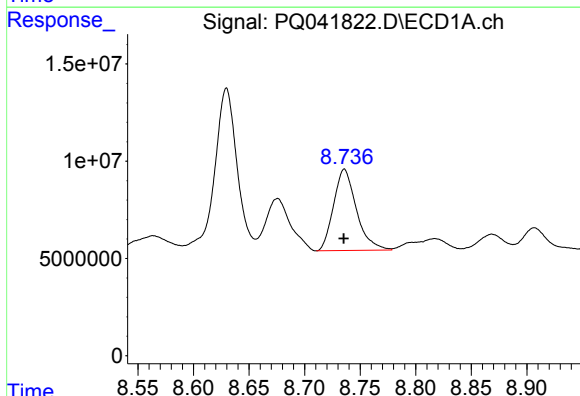
R.T.: 8.345 min
Delta R.T.: 0.003 min
Response: 63287088
Conc: 276.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



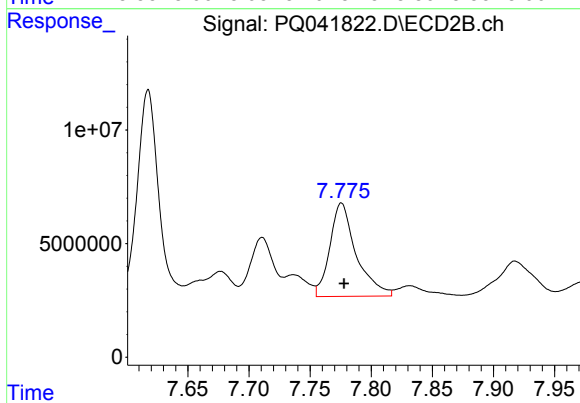
#27 AR-1254-2

R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 30741415
Conc: 189.91 ng/ml



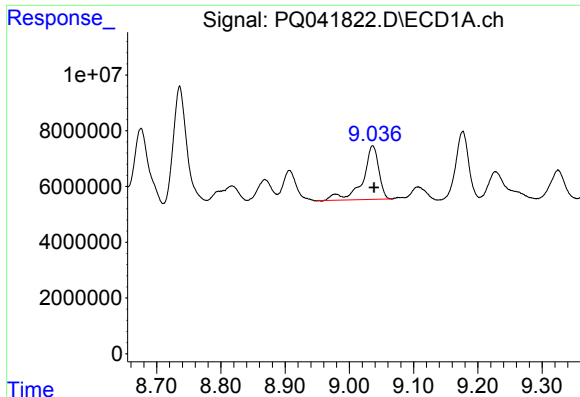
#28 AR-1254-3

R.T.: 8.736 min
Delta R.T.: 0.000 min
Response: 59892485
Conc: 219.04 ng/ml



#28 AR-1254-3

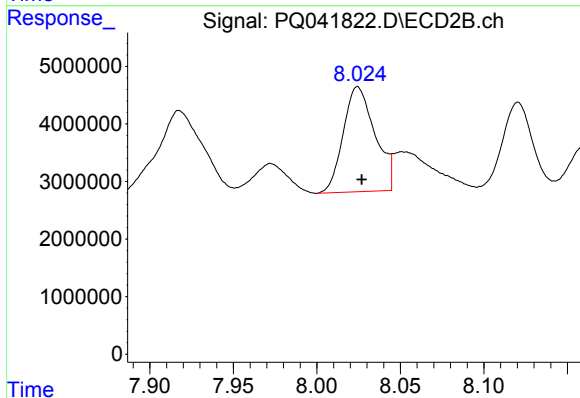
R.T.: 7.776 min
Delta R.T.: -0.002 min
Response: 61770767
Conc: 214.18 ng/ml



#29 AR-1254-4

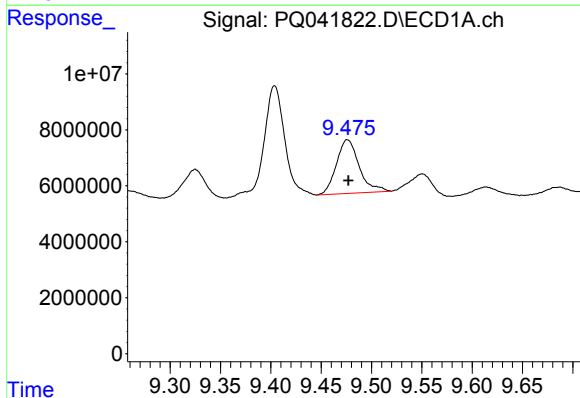
R.T.: 9.036 min
Delta R.T.: -0.002 min
Response: 33139227
Conc: 134.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



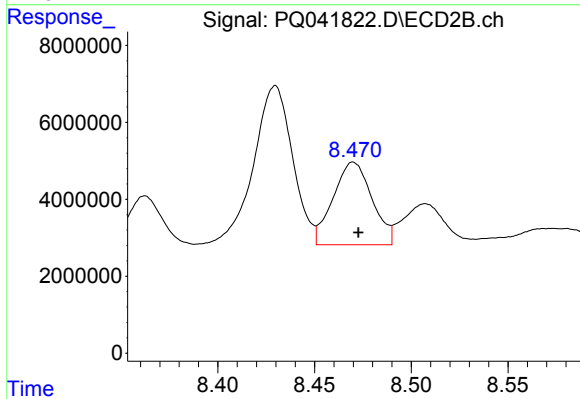
#29 AR-1254-4

R.T.: 8.024 min
Delta R.T.: -0.002 min
Response: 24188768
Conc: 111.43 ng/ml



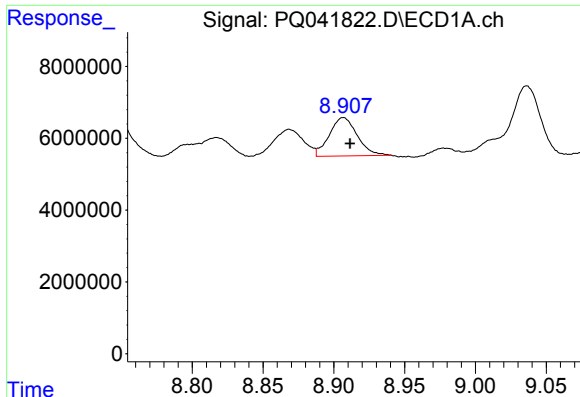
#30 AR-1254-5

R.T.: 9.476 min
Delta R.T.: 0.000 min
Response: 30280031
Conc: 111.80 ng/ml



#30 AR-1254-5

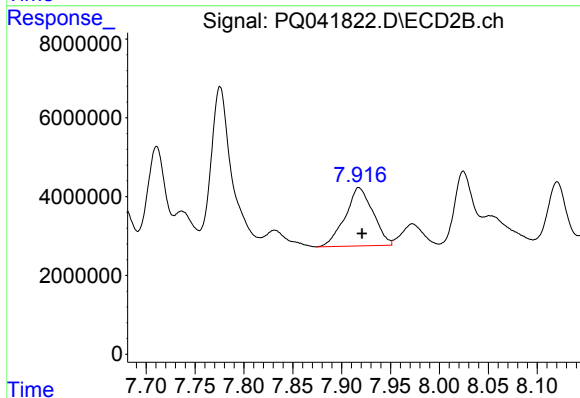
R.T.: 8.470 min
Delta R.T.: -0.003 min
Response: 30134427
Conc: 100.19 ng/ml



#31 AR-1260-1

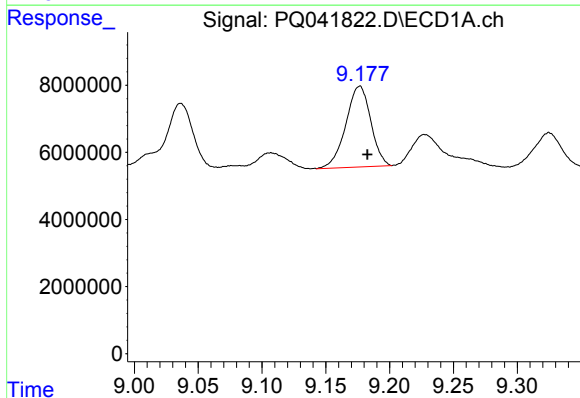
R.T.: 8.907 min
Delta R.T.: -0.005 min
Response: 14625141
Conc: 82.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



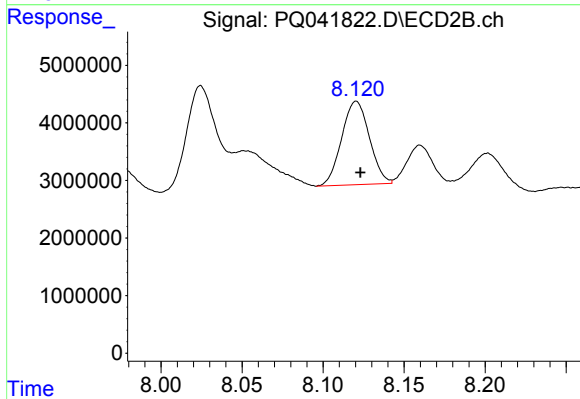
#31 AR-1260-1

R.T.: 7.918 min
Delta R.T.: -0.003 min
Response: 29271300
Conc: 161.34 ng/ml



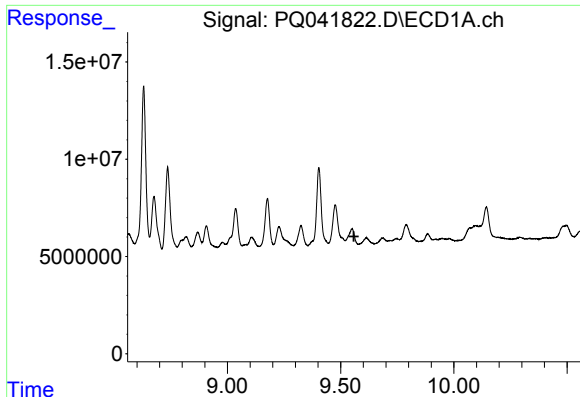
#32 AR-1260-2

R.T.: 9.177 min
Delta R.T.: -0.006 min
Response: 32789568
Conc: 129.98 ng/ml



#32 AR-1260-2

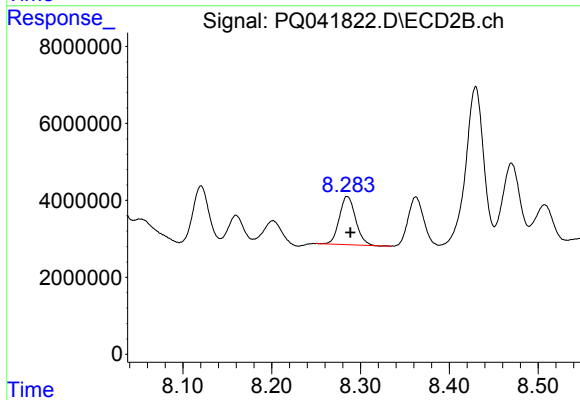
R.T.: 8.120 min
Delta R.T.: -0.003 min
Response: 17299790
Conc: 70.51 ng/ml



#33 AR-1260-3

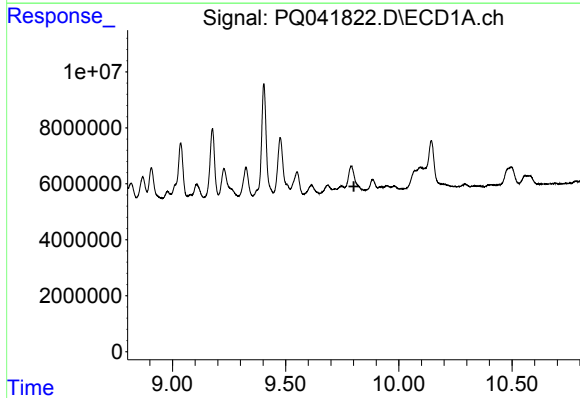
R.T.: 0.000 min
Exp R.T.: 9.558 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



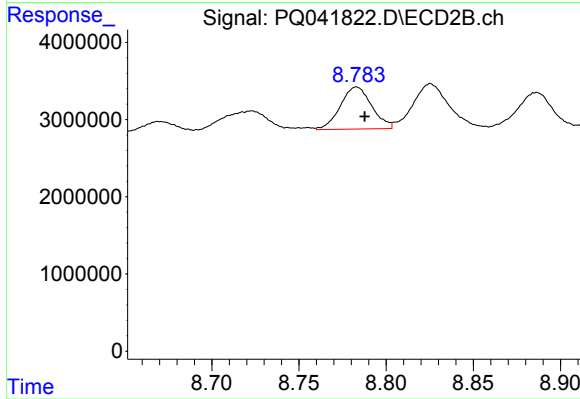
#33 AR-1260-3

R.T.: 8.285 min
Delta R.T.: -0.004 min
Response: 15899594
Conc: 74.72 ng/ml



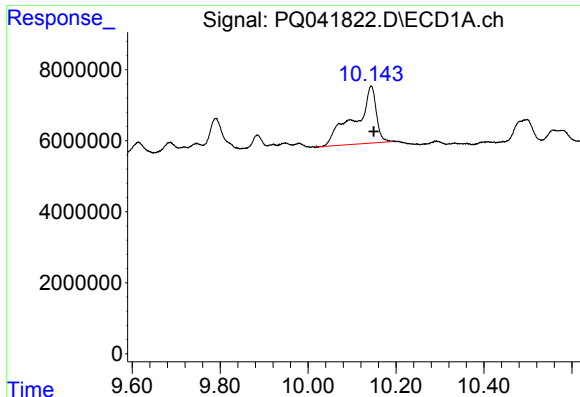
#34 AR-1260-4

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



#34 AR-1260-4

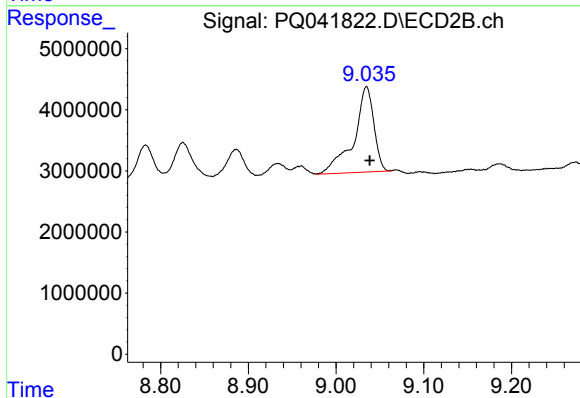
R.T.: 8.783 min
Delta R.T.: -0.005 min
Response: 6822417
Conc: 33.73 ng/ml



#35 AR-1260-5

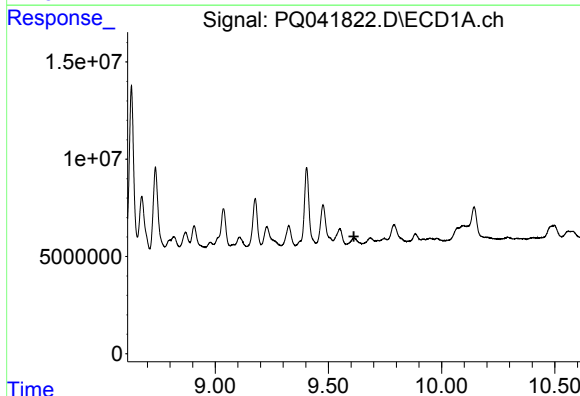
R.T.: 10.144 min
Delta R.T.: -0.006 min
Response: 54095826
Conc: 80.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



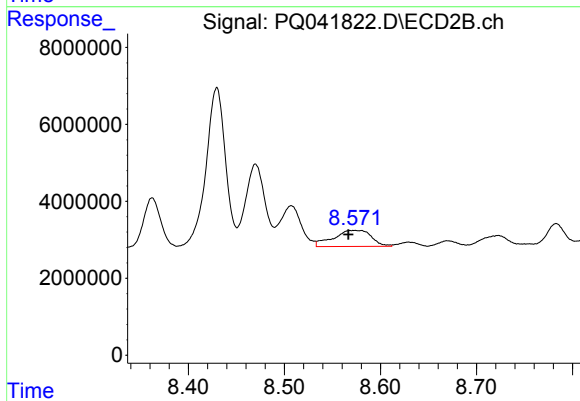
#35 AR-1260-5

R.T.: 9.035 min
Delta R.T.: -0.004 min
Response: 22173320
Conc: 37.57 ng/ml



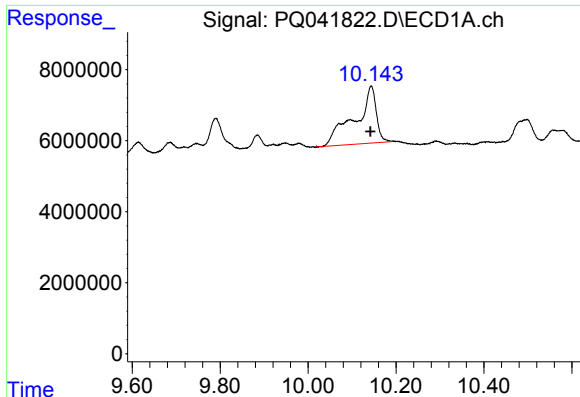
#36 AR-1262-1

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



#36 AR-1262-1

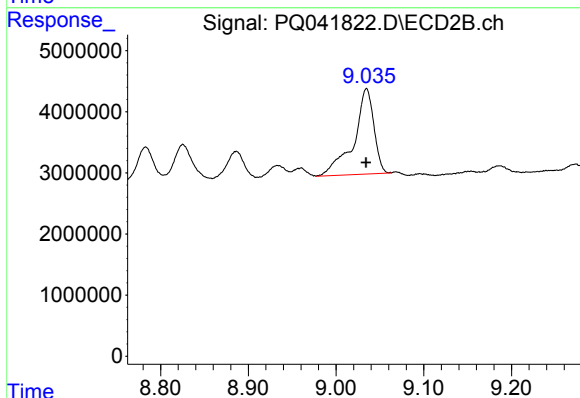
R.T.: 8.573 min
Delta R.T.: 0.006 min
Response: 11511691
Conc: 80.24 ng/ml



#37 AR-1262-2

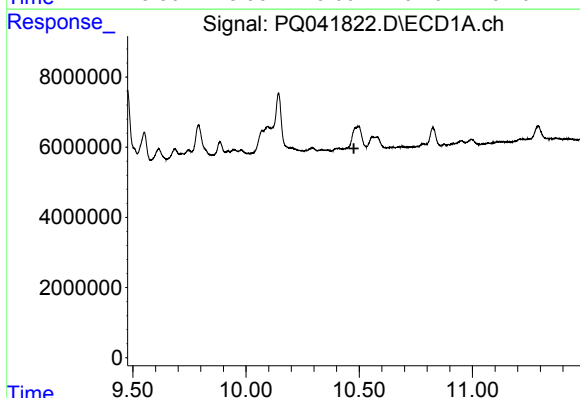
R.T.: 10.144 min
Delta R.T.: 0.002 min
Response: 54095826
Conc: 61.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



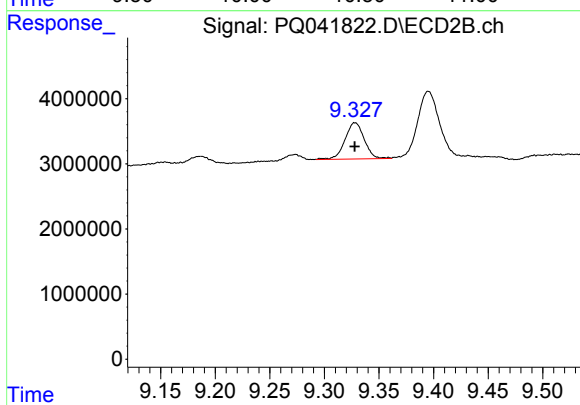
#37 AR-1262-2

R.T.: 9.035 min
Delta R.T.: 0.000 min
Response: 22173320
Conc: 29.92 ng/ml



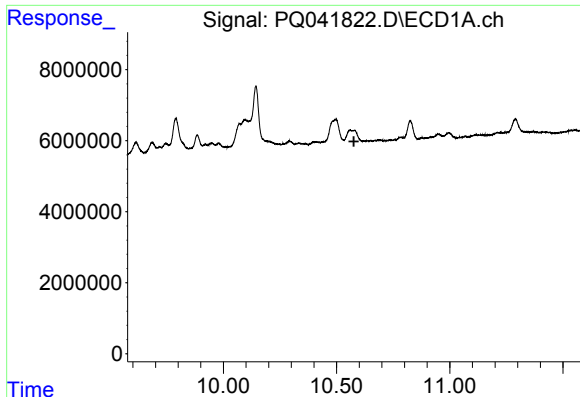
#38 AR-1262-3

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



#38 AR-1262-3

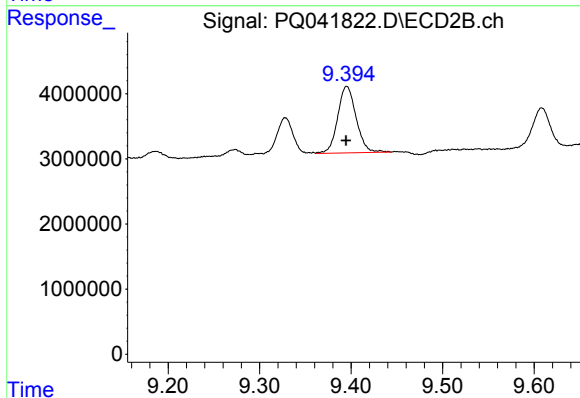
R.T.: 9.328 min
Delta R.T.: 0.000 min
Response: 6818749
Conc: 21.55 ng/ml



#39 AR-1262-4

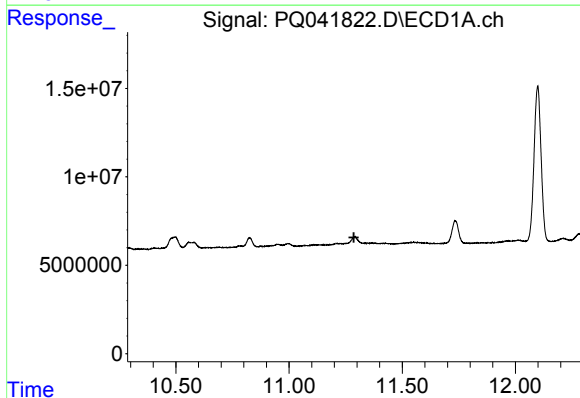
R.T.: 0.000 min
Exp R.T.: 10.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



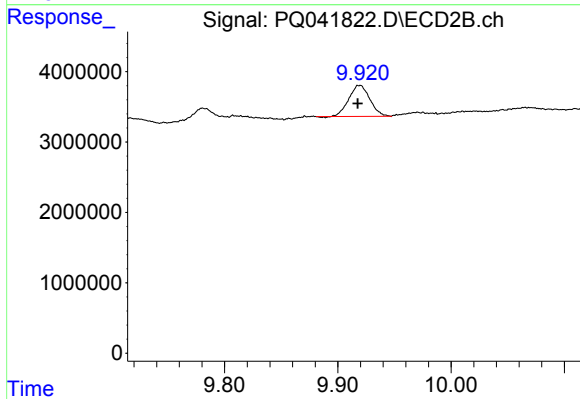
#39 AR-1262-4

R.T.: 9.395 min
Delta R.T.: 0.000 min
Response: 14292150
Conc: 25.41 ng/ml



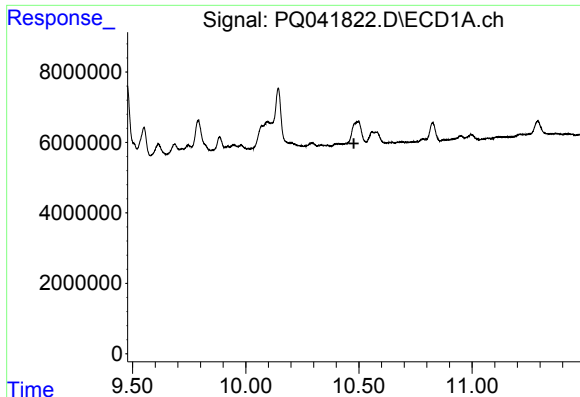
#40 AR-1262-5

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



#40 AR-1262-5

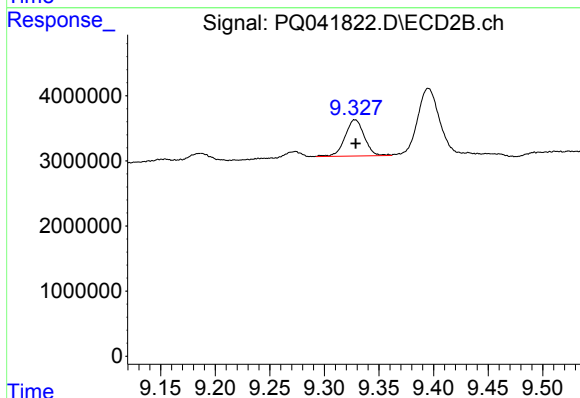
R.T.: 9.919 min
Delta R.T.: 0.002 min
Response: 5667608
Conc: 19.84 ng/ml



#41 AR-1268-1

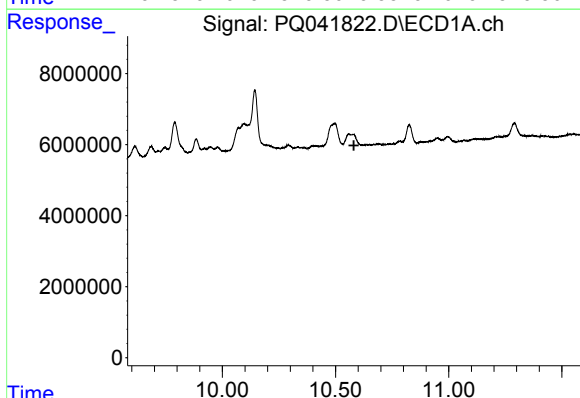
R.T.: 0.000 min
Exp R.T.: 10.478 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



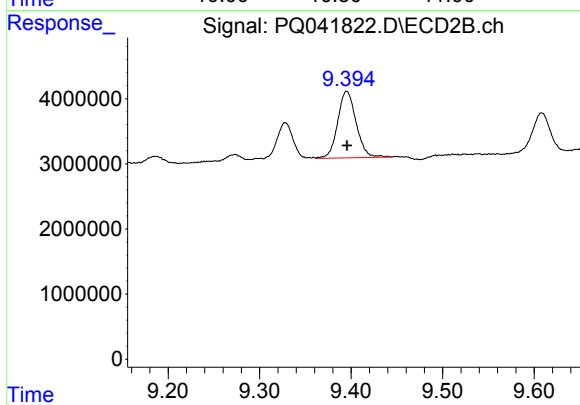
#41 AR-1268-1

R.T.: 9.328 min
Delta R.T.: 0.000 min
Response: 6818749
Conc: 5.96 ng/ml



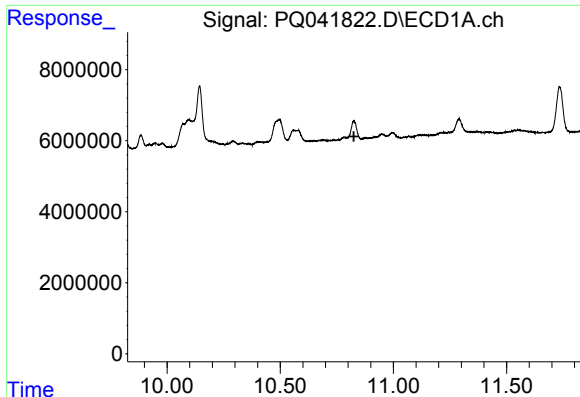
#42 AR-1268-2

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



#42 AR-1268-2

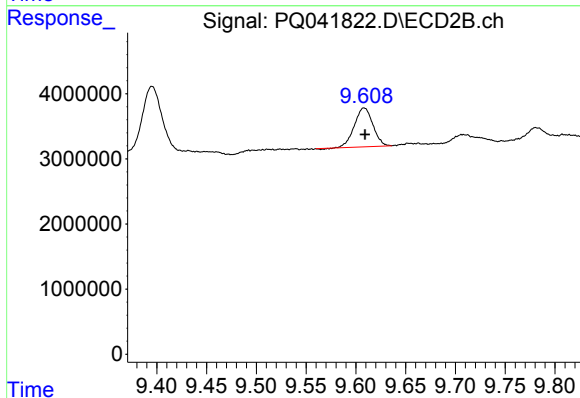
R.T.: 9.395 min
Delta R.T.: 0.000 min
Response: 14292150
Conc: 13.92 ng/ml



#43 AR-1268-3

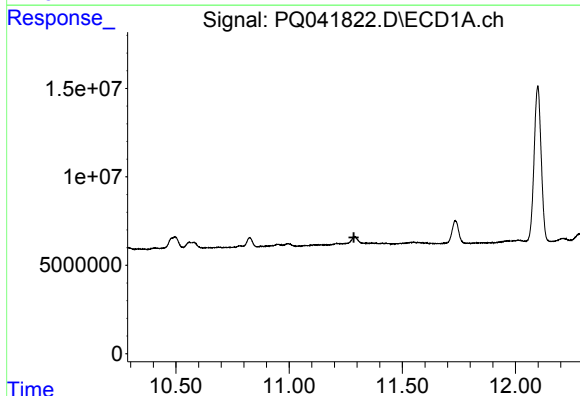
R.T.: 0.000 min
Exp R.T.: 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



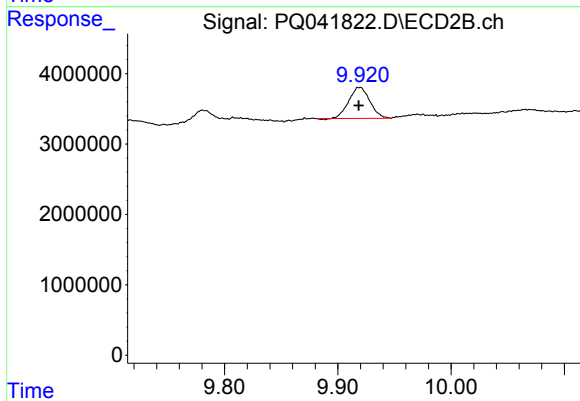
#43 AR-1268-3

R.T.: 9.608 min
Delta R.T.: -0.001 min
Response: 7748661
Conc: 8.92 ng/ml



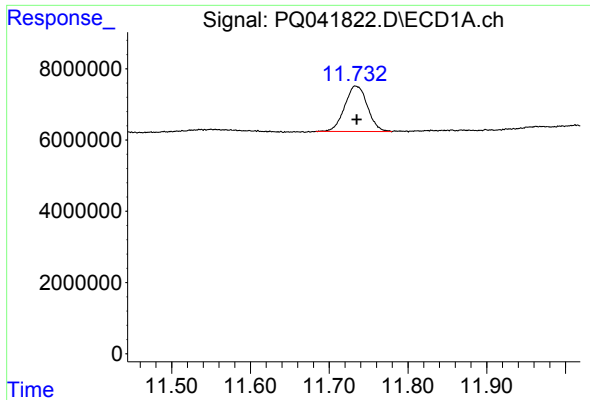
#44 AR-1268-4

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



#44 AR-1268-4

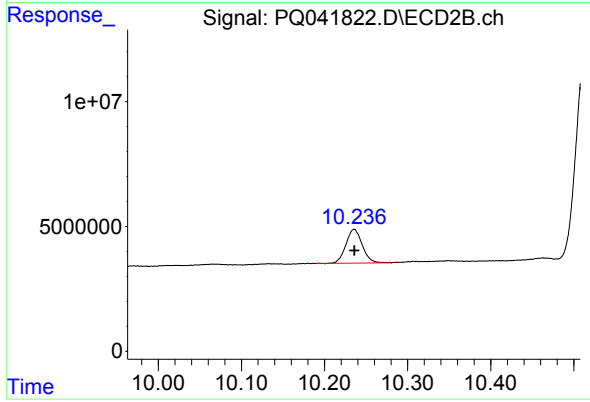
R.T.: 9.919 min
Delta R.T.: 0.000 min
Response: 5667608
Conc: 14.73 ng/ml



#45 AR-1268-5

R.T.: 11.733 min
Delta R.T.: -0.002 min
Response: 25606724
Conc: 6.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 18452551
Conc: 7.10 ng/ml