

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072419\
 Data File : PQ041498.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2019 23:26
 Operator : SM\AJ
 Sample : K3893-17
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BEP21

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 00:51:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 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...	5.703	4.760	20314295	16972634	5.307	5.646
2)	SA Decachlor...	12.107	10.522	71471709	45073704	6.910	9.892 #
Target Compounds							
3)	L1 AR-1016-1	7.149	6.213	12815308	6598440	73.427	45.098 #
4)	L1 AR-1016-2	7.185	6.236	28922344	7296269	109.670	35.054 #
5)	L1 AR-1016-3	7.245	6.454	11535084	19743585	71.304	174.867 #
6)	L1 AR-1016-4	7.354	6.505	31191952	217.9E6	231.448	2390.381 #
7)	L1 AR-1016-5	7.691	6.757	164.1E6	146.7E6	1233.554	1220.921
10)	L2 AR-1221-3	0.000	5.357	0	59417216	N.D.	560.835 #
11)	L3 AR-1232-1	0.000	5.357	0	59417216	N.D.	783.216 #
12)	L3 AR-1232-2	6.831	6.236	12721244	7296269	257.621	78.101 #
13)	L3 AR-1232-3	7.185	6.454	28922344	19743585	255.540	410.188 #
14)	L3 AR-1232-4	7.354	6.552	31191952	113.1E6	527.712	2624.042 #
15)	L3 AR-1232-5	7.463	6.757	258.1E6	146.7E6	6993.413	3033.415 #
16)	L4 AR-1242-1	7.149	6.213	12815308	6598440	102.310	62.522 #
17)	L4 AR-1242-2	7.185	6.236	28922344	7296269	151.876	47.052 #
18)	L4 AR-1242-3	7.245	6.454	11535084	19743585	97.562	236.584 #
19)	L4 AR-1242-4	7.354	6.552	31191952	113.1E6	318.227	1389.010 #
20)	L4 AR-1242-5	8.181	7.166	302.5E6	280.3E6	2281.758	2245.181
21)	L5 AR-1248-1	7.149	6.213	12815308	6598440	138.158	82.154 #
22)	L5 AR-1248-2	7.463	6.505	258.1E6	217.9E6	2097.313	1945.451
23)	L5 AR-1248-3	7.691	6.552	164.1E6	113.1E6	1045.298	980.136
24)	L5 AR-1248-4	8.138	6.757	70176039	146.7E6	324.875	1013.645 #
25)	L5 AR-1248-5	8.181	7.212	302.5E6	194.9E6	1420.495	1158.247
26)	L6 AR-1254-1	8.109	7.166	275.3E6	280.3E6	1358.345	1102.082
27)	L6 AR-1254-2	8.347	7.334	509.4E6	285.9E6	1474.810	1249.545
28)	L6 AR-1254-3	8.740	7.782	733.7E6	703.9E6	1770.695	1734.335
29)	L6 AR-1254-4	9.043	8.030	467.4E6	341.6E6	1291.311	1250.274
30)	L6 AR-1254-5	9.481	8.477	579.8E6	405.5E6	1443.891	1015.552 #
31)	L7 AR-1260-1	8.913	7.925	200.9E6	268.6E6	664.877	1009.817 #
32)	L7 AR-1260-2	9.184	8.126	311.6E6	202.0E6	679.769	556.740
33)	L7 AR-1260-3	9.558	8.291	171.9E6	193.2E6	404.972	615.309 #
34)	L7 AR-1260-4	9.795	8.790	388.5E6	105.6E6	922.799	371.107 #
35)	L7 AR-1260-5	10.150	9.041	469.8E6	396.6E6	439.604	533.373
36)	L8 AR-1262-1	9.618	8.572	108.2E6	106.7E6	440.745	554.747 #
37)	L8 AR-1262-2	10.150	9.041	469.8E6	396.6E6	386.809	472.066
38)	L8 AR-1262-3	10.504	9.335	332.9E6	108.2E6	399.487	307.576
39)	L8 AR-1262-4	10.565	9.401	227.7E6	220.3E6	349.458	374.813
40)	L8 AR-1262-5	11.296	9.926	172.8E6	109.3E6	377.996	455.647
41)	L9 AR-1268-1	10.504	9.335	332.9E6	108.2E6	184.486	94.680 #
42)	L9 AR-1268-2	10.565	9.401	227.7E6	220.3E6	142.677	226.685 #
43)	L9 AR-1268-3	10.830	9.609	35355062	20546842	25.150	25.740

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072419\
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 Acq On : 24 Jul 2019 23:26
 Operator : SM\AJ
 Sample : K3893-17
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

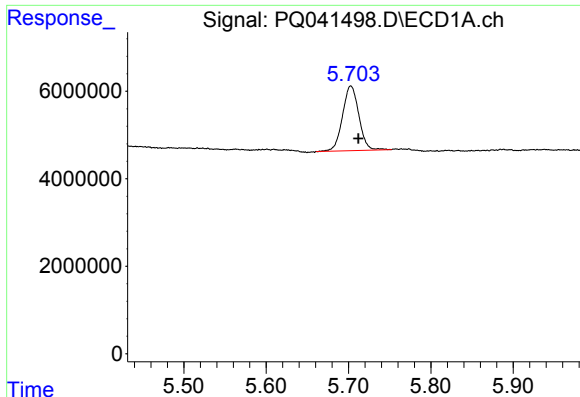
Instrument :
 ECD_Q
 ClientSampleId :
 BEP21

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 00:51:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
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 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	11.296	9.926	172.8E6	109.3E6	304.398	356.285
45) L9	AR-1268-5	11.745	10.243	63969074	44558740	14.767	22.553 #

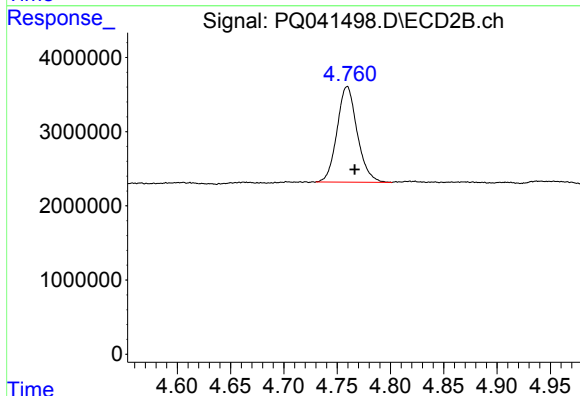
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

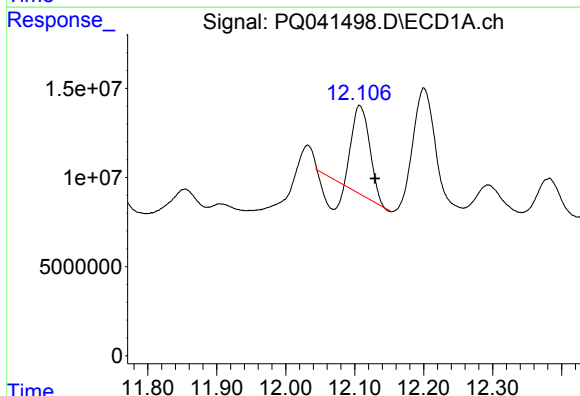
R.T.: 5.703 min
Delta R.T.: -0.009 min
Response: 20314295
Conc: 5.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP21



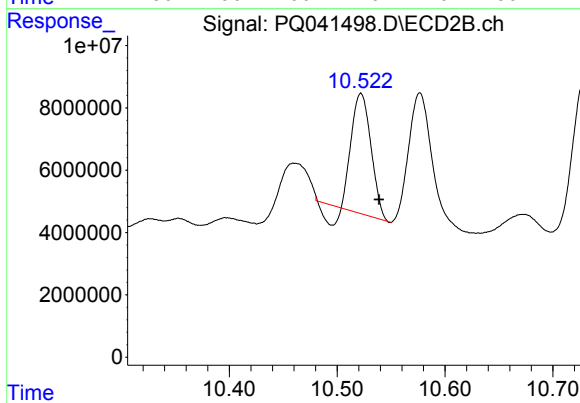
#1 Tetrachloro-m-xylene

R.T.: 4.760 min
Delta R.T.: -0.007 min
Response: 16972634
Conc: 5.65 ng/ml



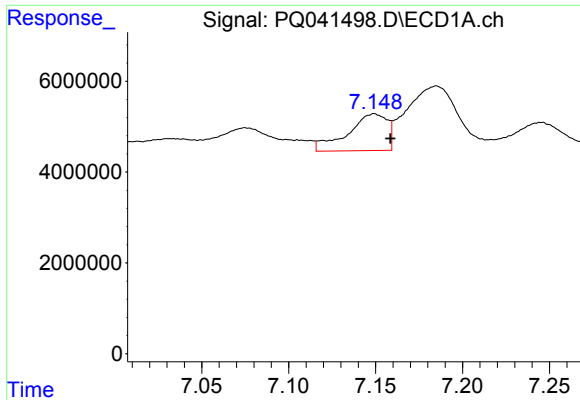
#2 Decachlorobiphenyl

R.T.: 12.107 min
Delta R.T.: -0.022 min
Response: 71471709
Conc: 6.91 ng/ml



#2 Decachlorobiphenyl

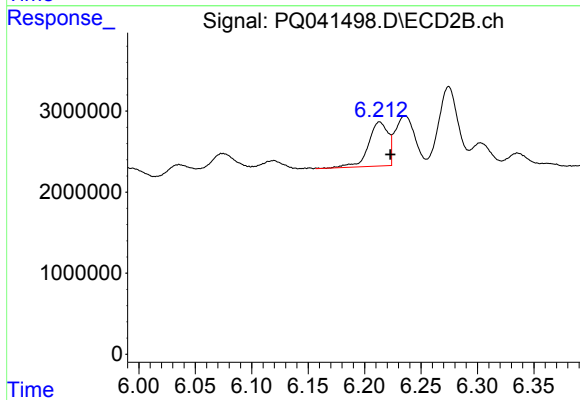
R.T.: 10.522 min
Delta R.T.: -0.017 min
Response: 45073704
Conc: 9.89 ng/ml



#3 AR-1016-1

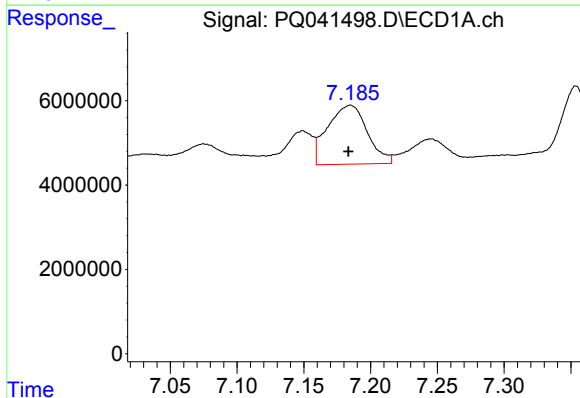
R.T.: 7.149 min
Delta R.T.: -0.009 min
Response: 12815308
Conc: 73.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP21



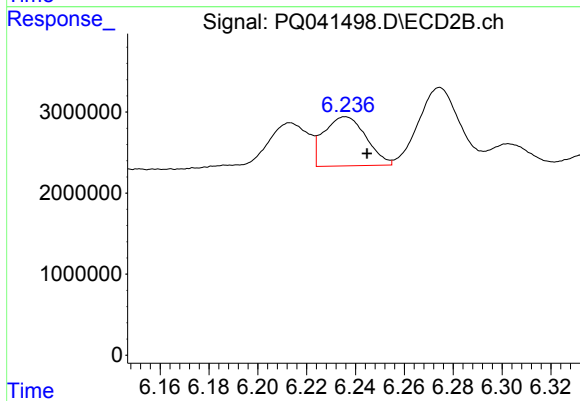
#3 AR-1016-1

R.T.: 6.213 min
Delta R.T.: -0.010 min
Response: 6598440
Conc: 45.10 ng/ml



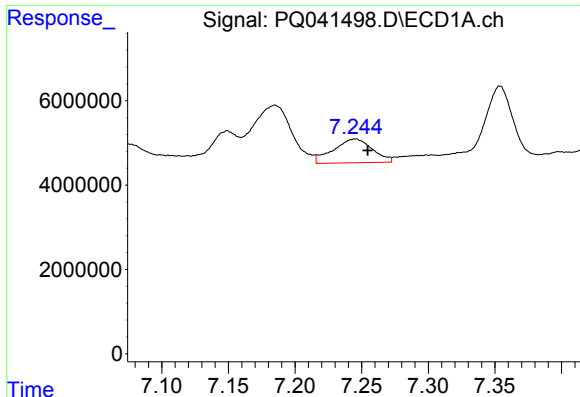
#4 AR-1016-2

R.T.: 7.185 min
Delta R.T.: 0.001 min
Response: 28922344
Conc: 109.67 ng/ml



#4 AR-1016-2

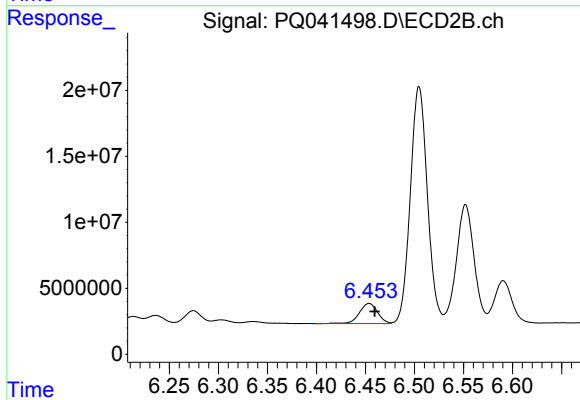
R.T.: 6.236 min
Delta R.T.: -0.009 min
Response: 7296269
Conc: 35.05 ng/ml



#5 AR-1016-3

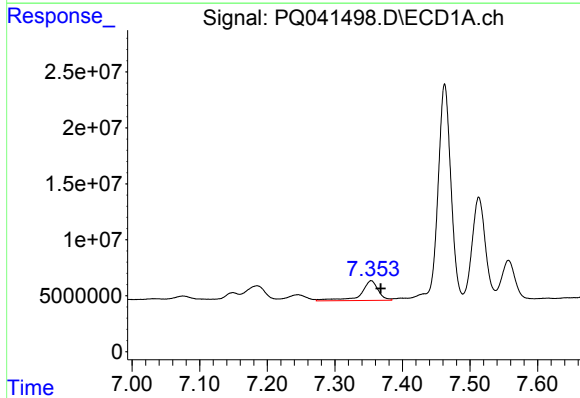
R.T.: 7.245 min
Delta R.T.: -0.010 min
Response: 11535084
Conc: 71.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP21



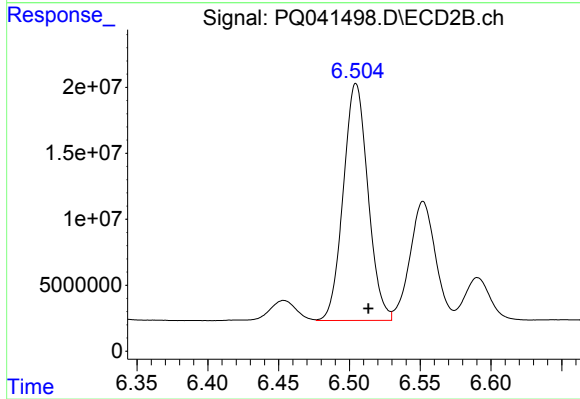
#5 AR-1016-3

R.T.: 6.454 min
Delta R.T.: -0.006 min
Response: 19743585
Conc: 174.87 ng/ml



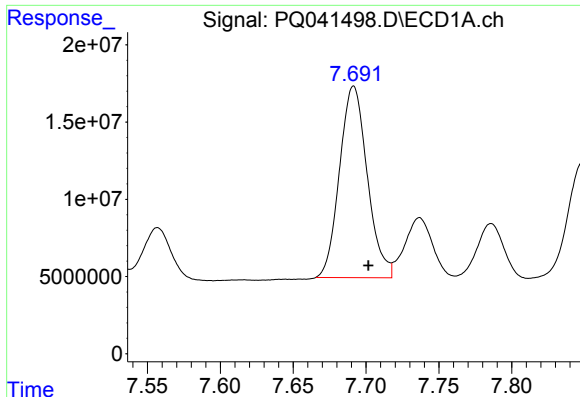
#6 AR-1016-4

R.T.: 7.354 min
Delta R.T.: -0.014 min
Response: 31191952
Conc: 231.45 ng/ml



#6 AR-1016-4

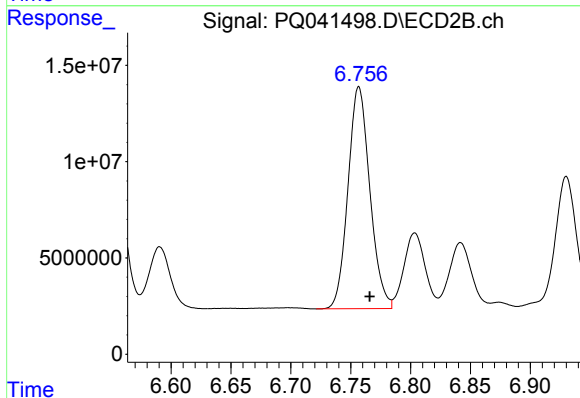
R.T.: 6.505 min
Delta R.T.: -0.009 min
Response: 217919660
Conc: 2390.38 ng/ml



#7 AR-1016-5

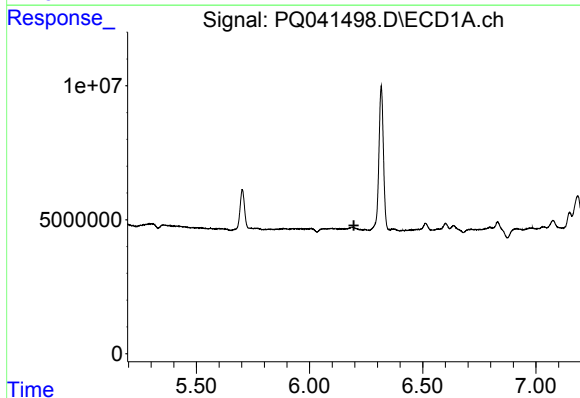
R.T.: 7.691 min
Delta R.T.: -0.010 min
Response: 164148961
Conc: 1233.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP21



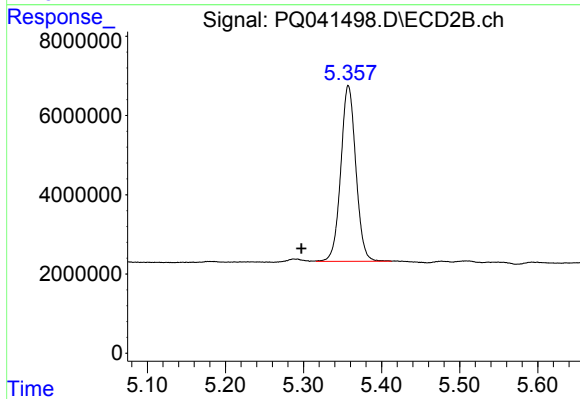
#7 AR-1016-5

R.T.: 6.757 min
Delta R.T.: -0.009 min
Response: 146731080
Conc: 1220.92 ng/ml



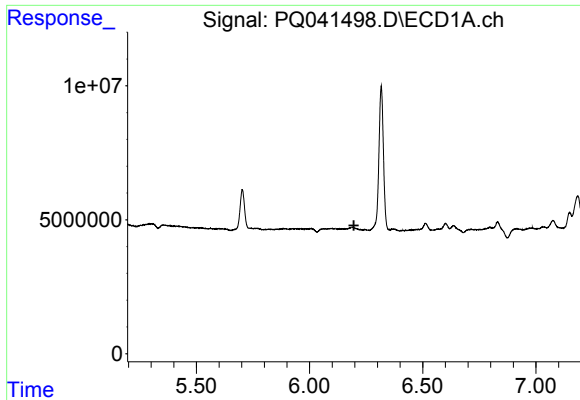
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.196 min
Response: 0
Conc: N.D.



#10 AR-1221-3

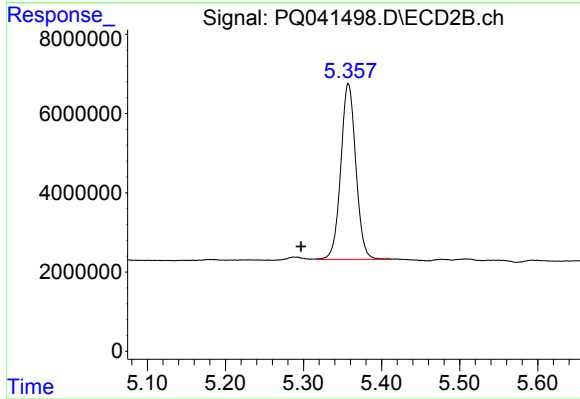
R.T.: 5.357 min
Delta R.T.: 0.060 min
Response: 59417216
Conc: 560.83 ng/ml



#11 AR-1232-1

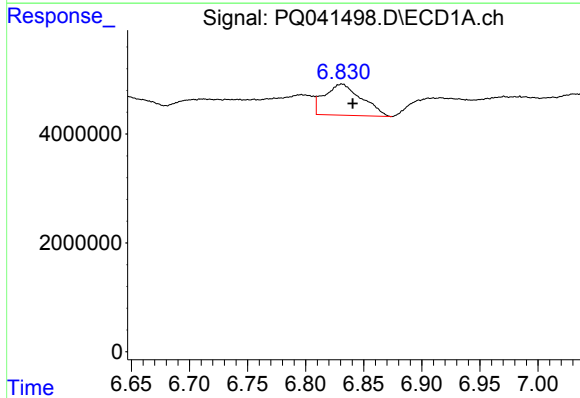
R.T.: 0.000 min
Exp R.T.: 6.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEP21



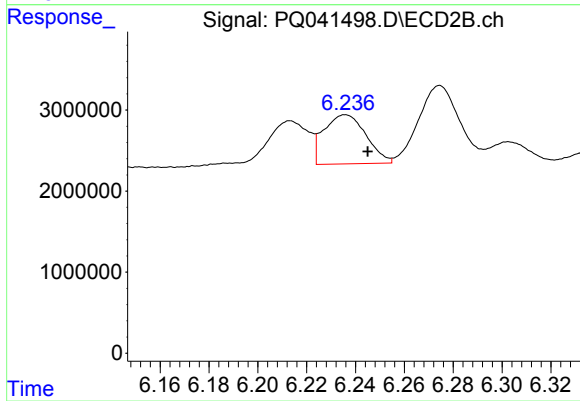
#11 AR-1232-1

R.T.: 5.357 min
Delta R.T.: 0.060 min
Response: 59417216
Conc: 783.22 ng/ml



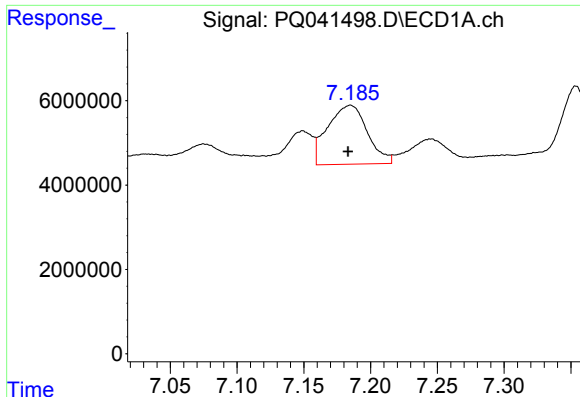
#12 AR-1232-2

R.T.: 6.831 min
Delta R.T.: -0.010 min
Response: 12721244
Conc: 257.62 ng/ml



#12 AR-1232-2

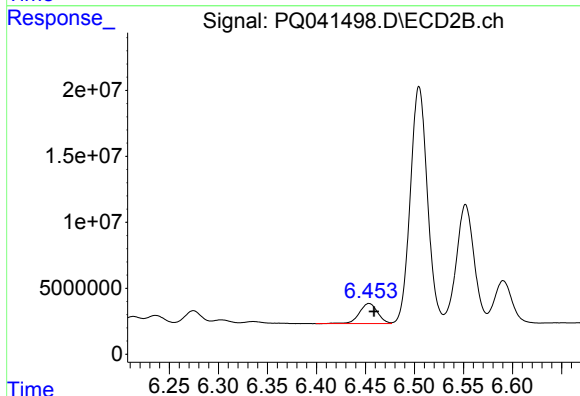
R.T.: 6.236 min
Delta R.T.: -0.009 min
Response: 7296269
Conc: 78.10 ng/ml



#13 AR-1232-3

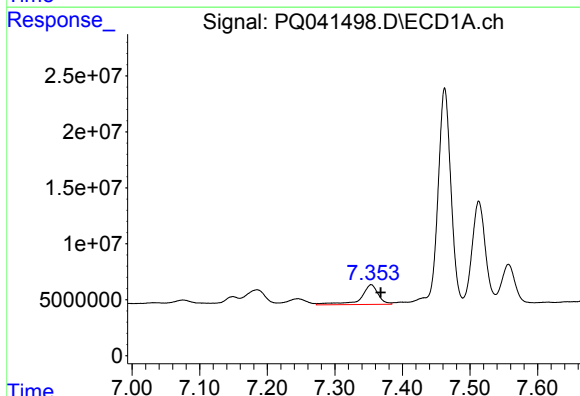
R.T.: 7.185 min
Delta R.T.: 0.001 min
Response: 28922344
Conc: 255.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP21



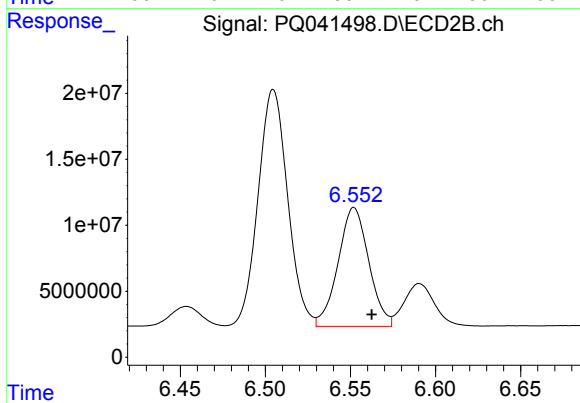
#13 AR-1232-3

R.T.: 6.454 min
Delta R.T.: -0.005 min
Response: 19743585
Conc: 410.19 ng/ml



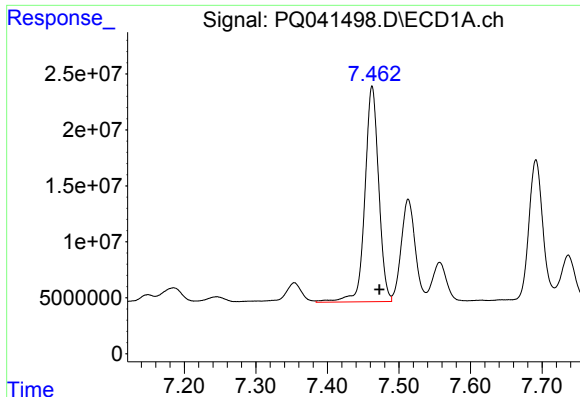
#14 AR-1232-4

R.T.: 7.354 min
Delta R.T.: -0.014 min
Response: 31191952
Conc: 527.71 ng/ml



#14 AR-1232-4

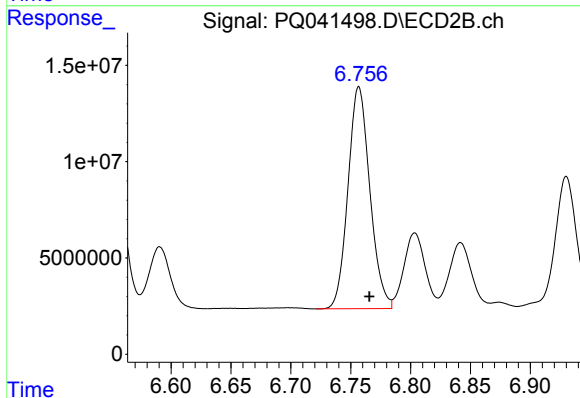
R.T.: 6.552 min
Delta R.T.: -0.010 min
Response: 113134705
Conc: 2624.04 ng/ml



#15 AR-1232-5

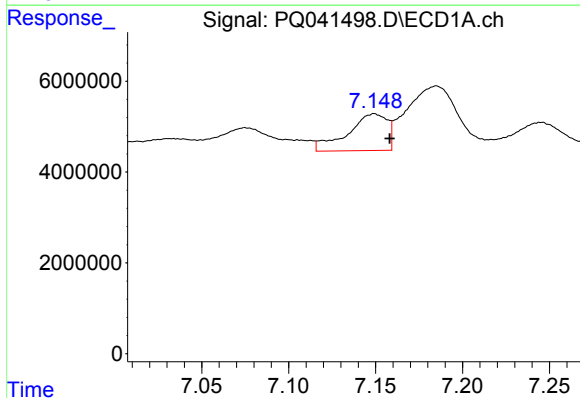
R.T.: 7.463 min
Delta R.T.: -0.010 min
Response: 258091181
Conc: 6993.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP21



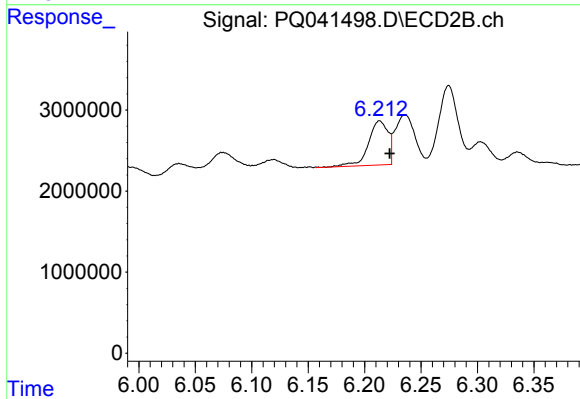
#15 AR-1232-5

R.T.: 6.757 min
Delta R.T.: -0.009 min
Response: 146731080
Conc: 3033.41 ng/ml



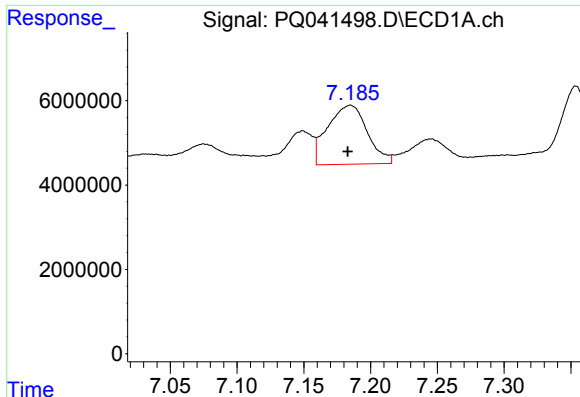
#16 AR-1242-1

R.T.: 7.149 min
Delta R.T.: -0.009 min
Response: 12815308
Conc: 102.31 ng/ml



#16 AR-1242-1

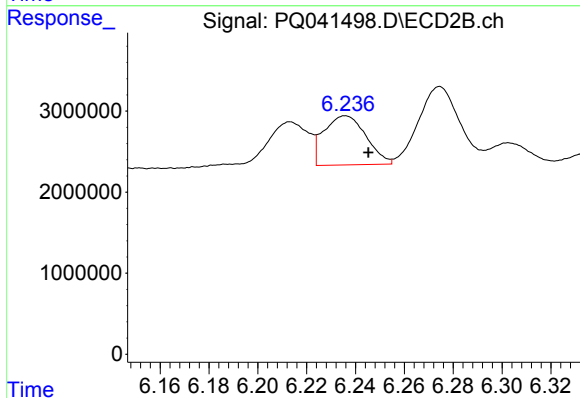
R.T.: 6.213 min
Delta R.T.: -0.009 min
Response: 6598440
Conc: 62.52 ng/ml



#17 AR-1242-2

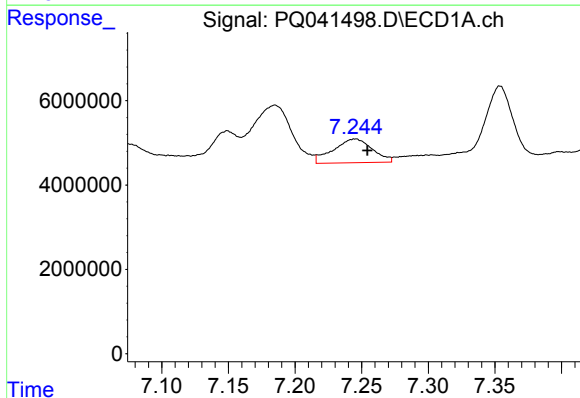
R.T.: 7.185 min
Delta R.T.: 0.002 min
Response: 28922344
Conc: 151.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP21



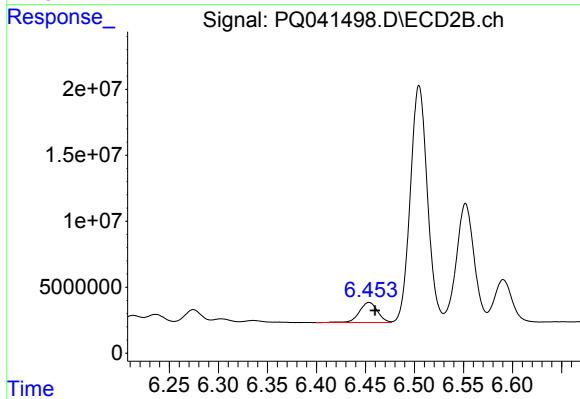
#17 AR-1242-2

R.T.: 6.236 min
Delta R.T.: -0.009 min
Response: 7296269
Conc: 47.05 ng/ml



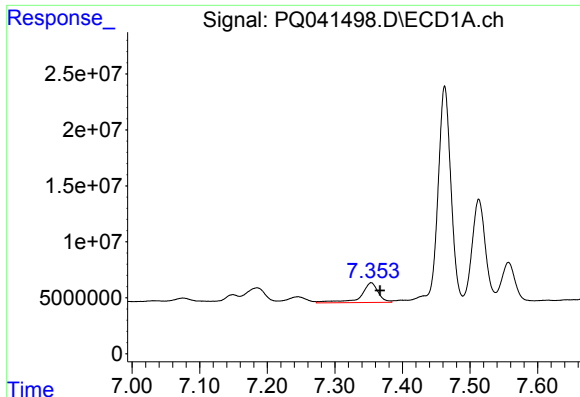
#18 AR-1242-3

R.T.: 7.245 min
Delta R.T.: -0.009 min
Response: 11535084
Conc: 97.56 ng/ml



#18 AR-1242-3

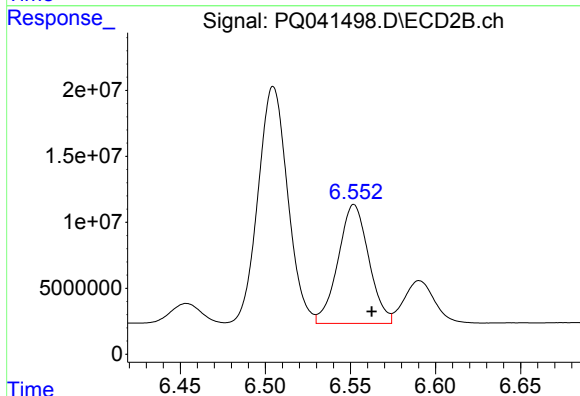
R.T.: 6.454 min
Delta R.T.: -0.006 min
Response: 19743585
Conc: 236.58 ng/ml



#19 AR-1242-4

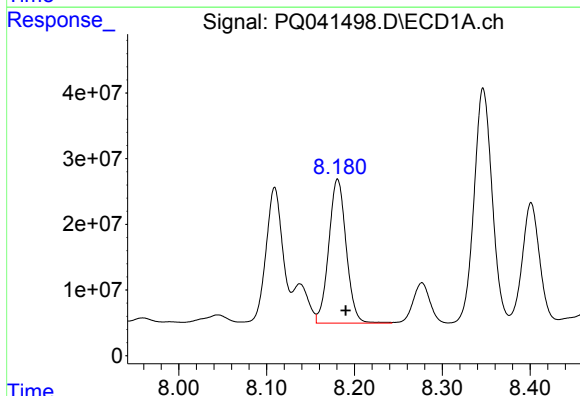
R.T.: 7.354 min
Delta R.T.: -0.013 min
Response: 31191952
Conc: 318.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP21



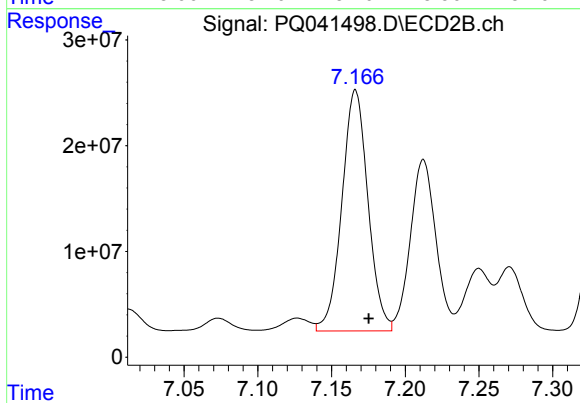
#19 AR-1242-4

R.T.: 6.552 min
Delta R.T.: -0.010 min
Response: 113134705
Conc: 1389.01 ng/ml



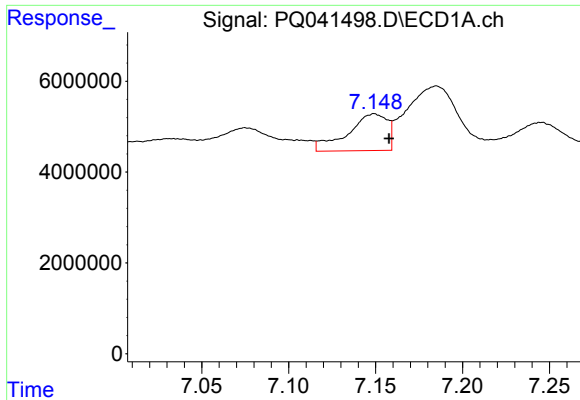
#20 AR-1242-5

R.T.: 8.181 min
Delta R.T.: -0.009 min
Response: 302507653
Conc: 2281.76 ng/ml



#20 AR-1242-5

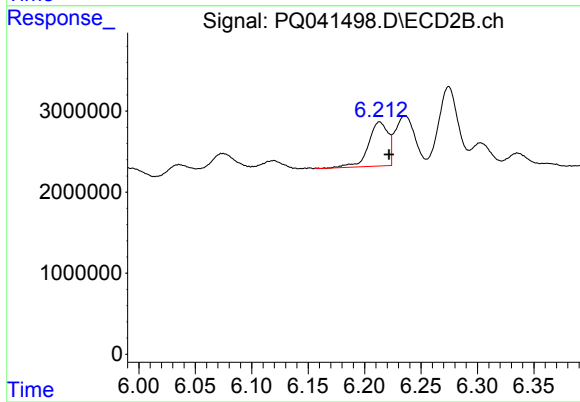
R.T.: 7.166 min
Delta R.T.: -0.009 min
Response: 280265019
Conc: 2245.18 ng/ml



#21 AR-1248-1

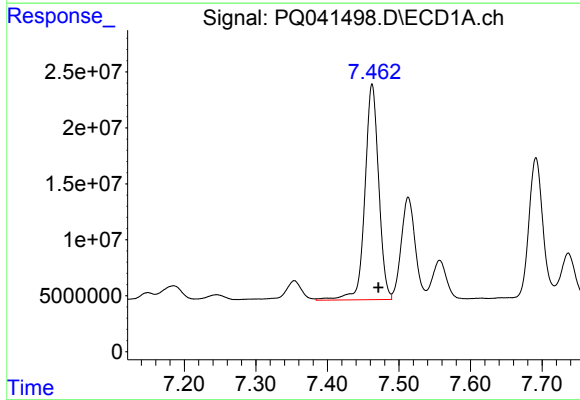
R.T.: 7.149 min
Delta R.T.: -0.009 min
Response: 12815308
Conc: 138.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP21



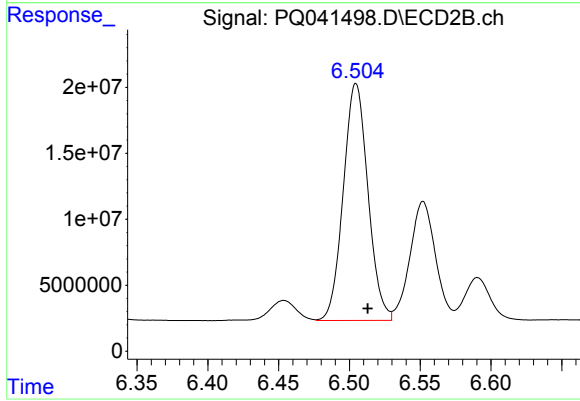
#21 AR-1248-1

R.T.: 6.213 min
Delta R.T.: -0.008 min
Response: 6598440
Conc: 82.15 ng/ml



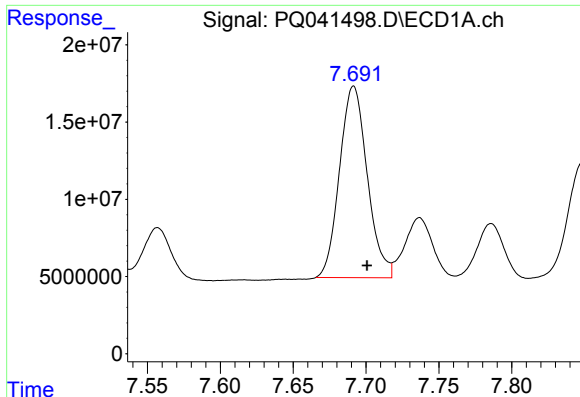
#22 AR-1248-2

R.T.: 7.463 min
Delta R.T.: -0.009 min
Response: 258091181
Conc: 2097.31 ng/ml



#22 AR-1248-2

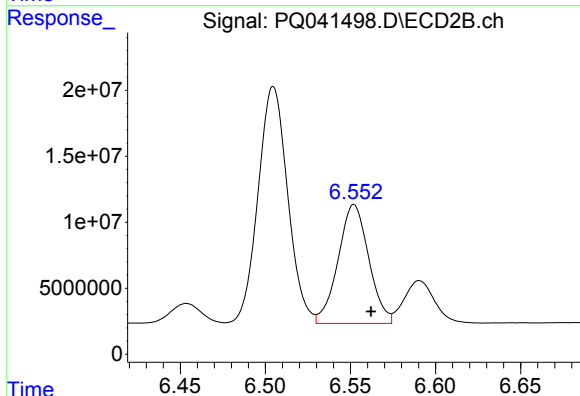
R.T.: 6.505 min
Delta R.T.: -0.008 min
Response: 217919660
Conc: 1945.45 ng/ml



#23 AR-1248-3

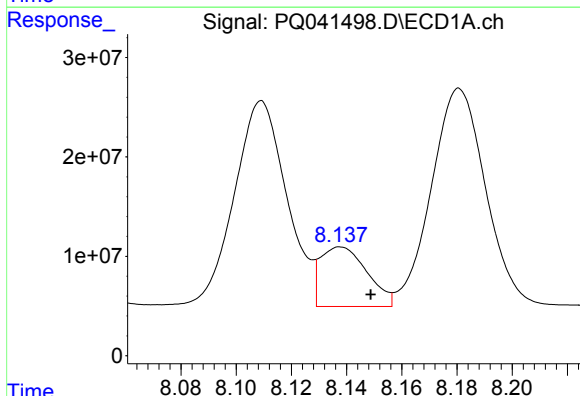
R.T.: 7.691 min
Delta R.T.: -0.009 min
Response: 164148961
Conc: 1045.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP21



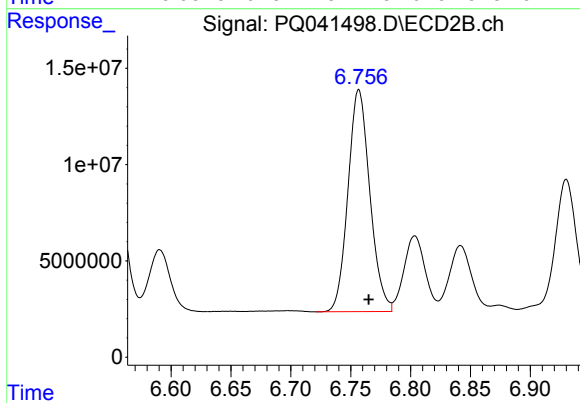
#23 AR-1248-3

R.T.: 6.552 min
Delta R.T.: -0.010 min
Response: 113134705
Conc: 980.14 ng/ml



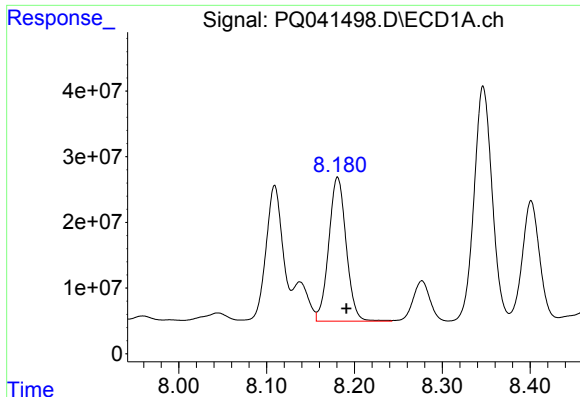
#24 AR-1248-4

R.T.: 8.138 min
Delta R.T.: -0.011 min
Response: 70176039
Conc: 324.88 ng/ml



#24 AR-1248-4

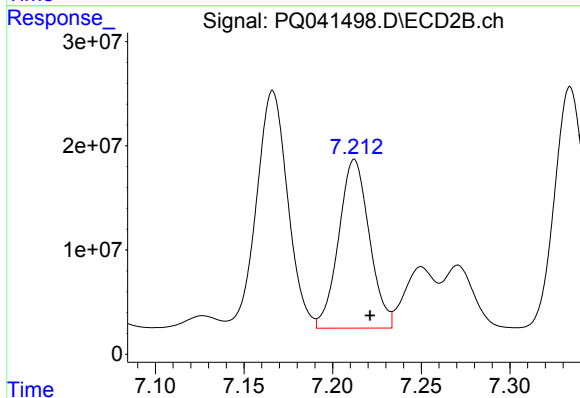
R.T.: 6.757 min
Delta R.T.: -0.008 min
Response: 146731080
Conc: 1013.65 ng/ml



#25 AR-1248-5

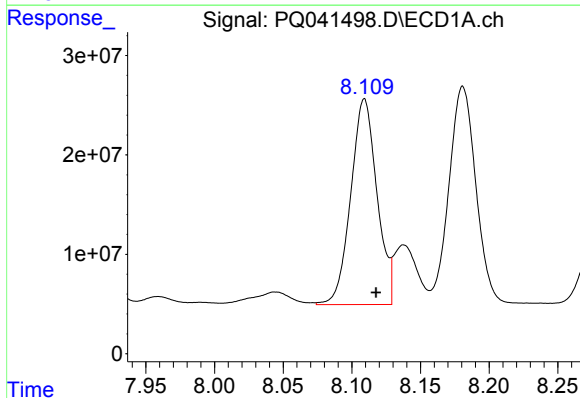
R.T.: 8.181 min
Delta R.T.: -0.010 min
Response: 302507653
Conc: 1420.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP21



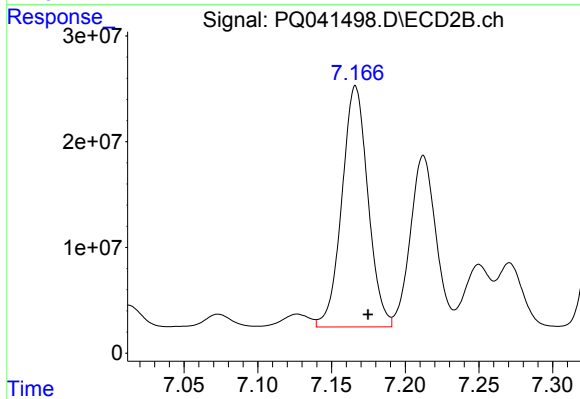
#25 AR-1248-5

R.T.: 7.212 min
Delta R.T.: -0.009 min
Response: 194911889
Conc: 1158.25 ng/ml



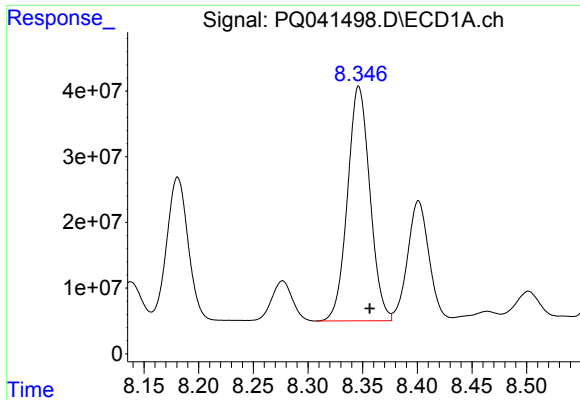
#26 AR-1254-1

R.T.: 8.109 min
Delta R.T.: -0.008 min
Response: 275338740
Conc: 1358.35 ng/ml



#26 AR-1254-1

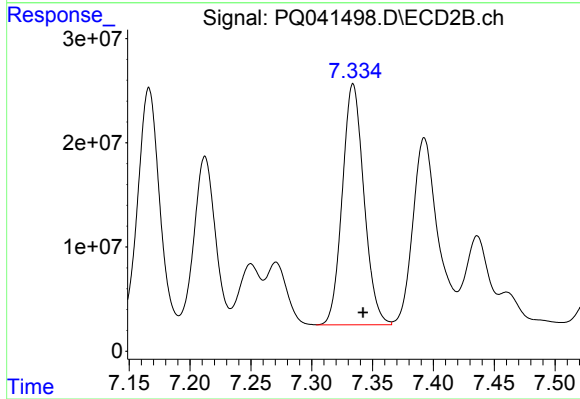
R.T.: 7.166 min
Delta R.T.: -0.008 min
Response: 280265019
Conc: 1102.08 ng/ml



#27 AR-1254-2

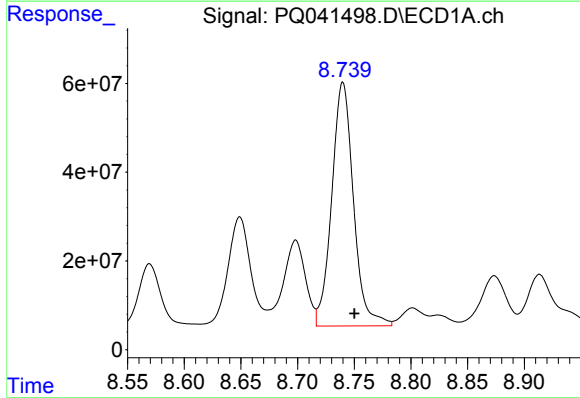
R.T.: 8.347 min
Delta R.T.: -0.010 min
Response: 509390047
Conc: 1474.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP21



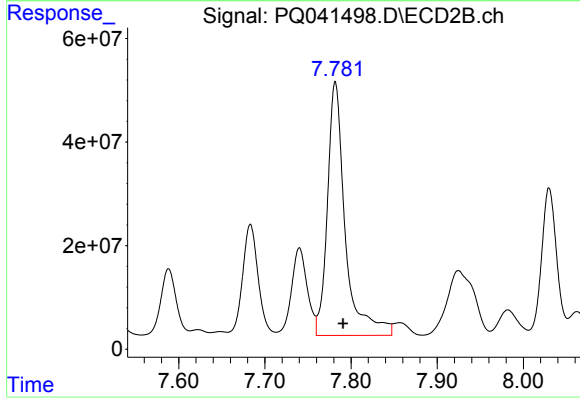
#27 AR-1254-2

R.T.: 7.334 min
Delta R.T.: -0.008 min
Response: 285880542
Conc: 1249.55 ng/ml



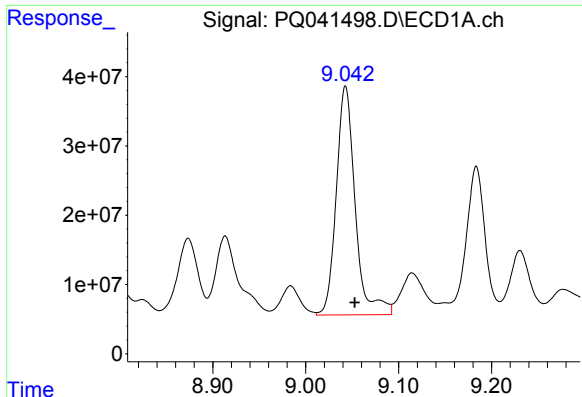
#28 AR-1254-3

R.T.: 8.740 min
Delta R.T.: -0.010 min
Response: 733749756
Conc: 1770.69 ng/ml



#28 AR-1254-3

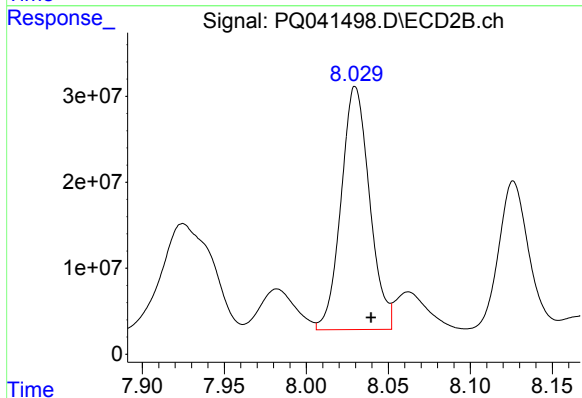
R.T.: 7.782 min
Delta R.T.: -0.009 min
Response: 703948146
Conc: 1734.34 ng/ml



#29 AR-1254-4

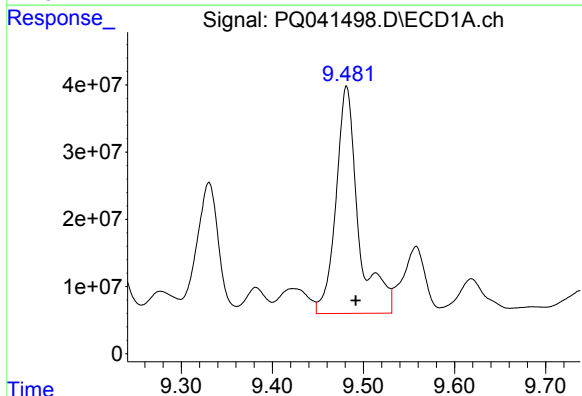
R.T.: 9.043 min
Delta R.T.: -0.010 min
Response: 467359672
Conc: 1291.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP21



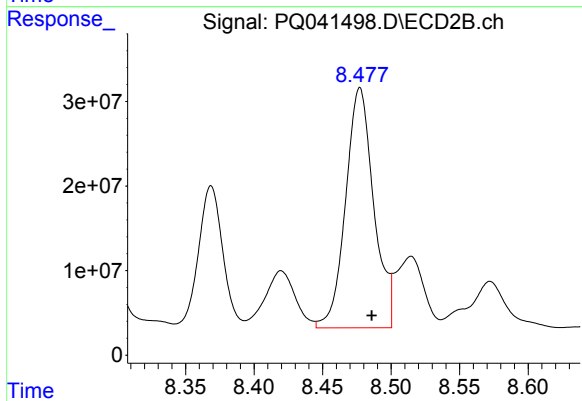
#29 AR-1254-4

R.T.: 8.030 min
Delta R.T.: -0.010 min
Response: 341563797
Conc: 1250.27 ng/ml



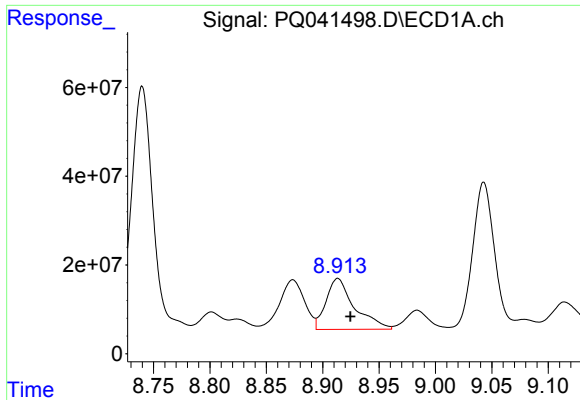
#30 AR-1254-5

R.T.: 9.481 min
Delta R.T.: -0.010 min
Response: 579764837
Conc: 1443.89 ng/ml



#30 AR-1254-5

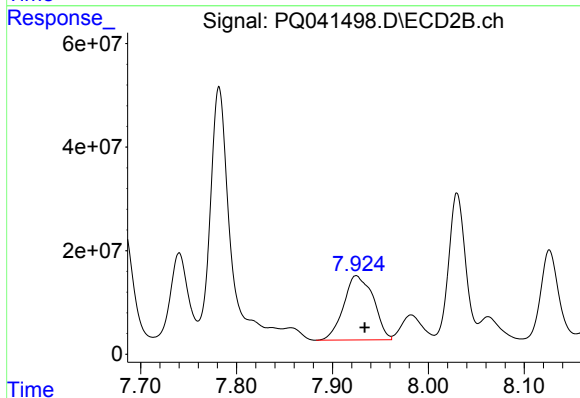
R.T.: 8.477 min
Delta R.T.: -0.009 min
Response: 405482450
Conc: 1015.55 ng/ml



#31 AR-1260-1

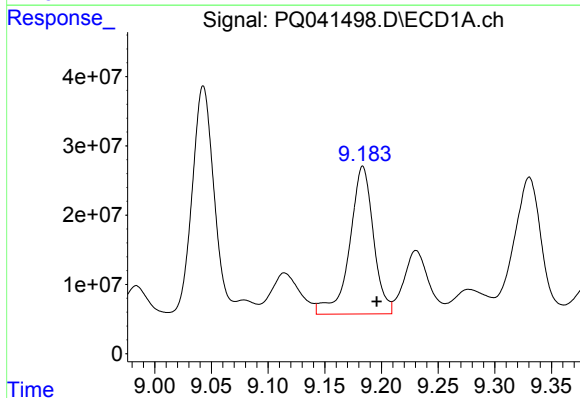
R.T.: 8.913 min
Delta R.T.: -0.011 min
Response: 200867946
Conc: 664.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP21



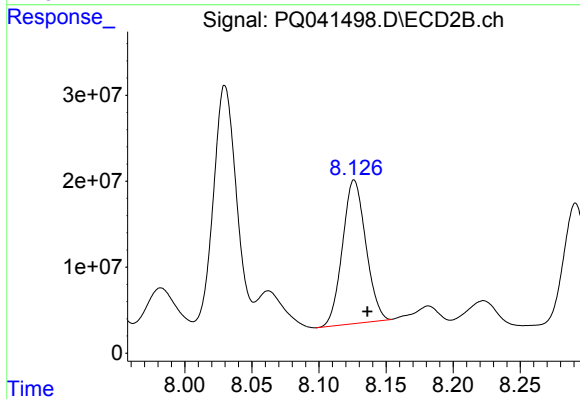
#31 AR-1260-1

R.T.: 7.925 min
Delta R.T.: -0.009 min
Response: 268565434
Conc: 1009.82 ng/ml



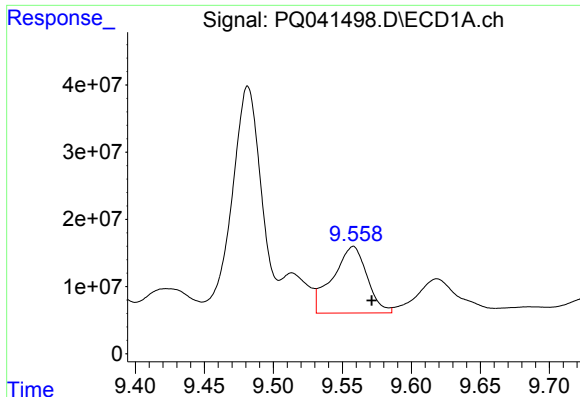
#32 AR-1260-2

R.T.: 9.184 min
Delta R.T.: -0.012 min
Response: 311584761
Conc: 679.77 ng/ml



#32 AR-1260-2

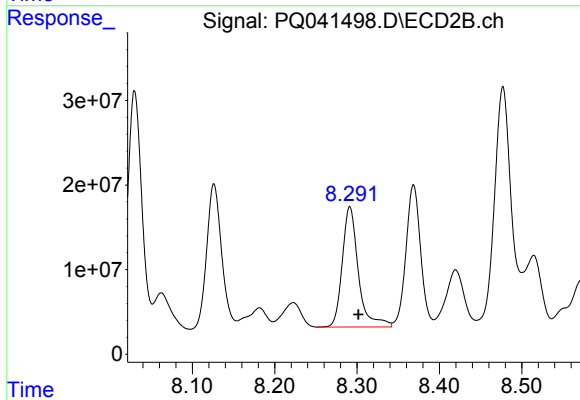
R.T.: 8.126 min
Delta R.T.: -0.010 min
Response: 202013027
Conc: 556.74 ng/ml



#33 AR-1260-3

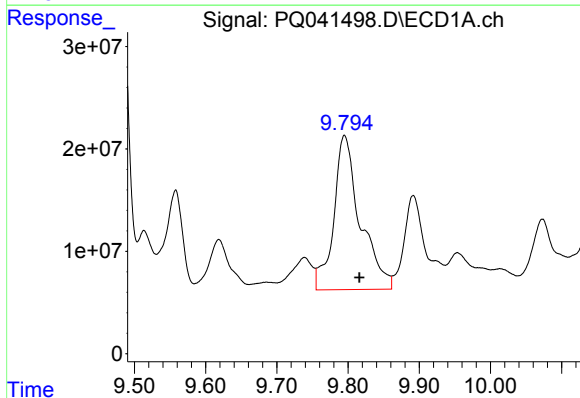
R.T.: 9.558 min
Delta R.T.: -0.014 min
Response: 171946913
Conc: 404.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP21



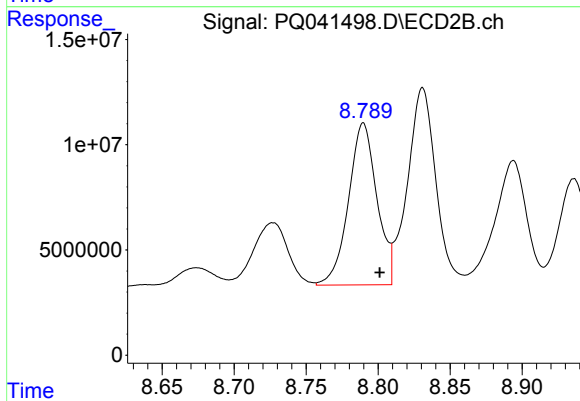
#33 AR-1260-3

R.T.: 8.291 min
Delta R.T.: -0.010 min
Response: 193220367
Conc: 615.31 ng/ml



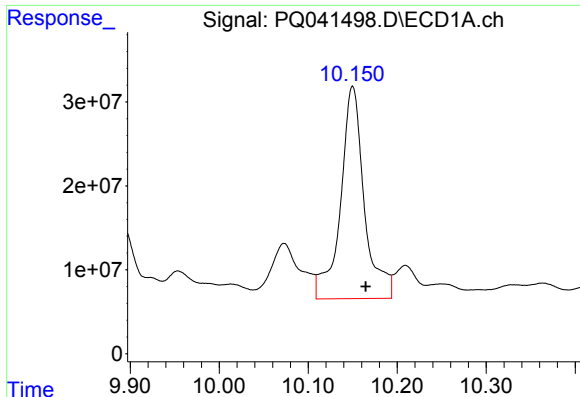
#34 AR-1260-4

R.T.: 9.795 min
Delta R.T.: -0.021 min
Response: 388450212
Conc: 922.80 ng/ml



#34 AR-1260-4

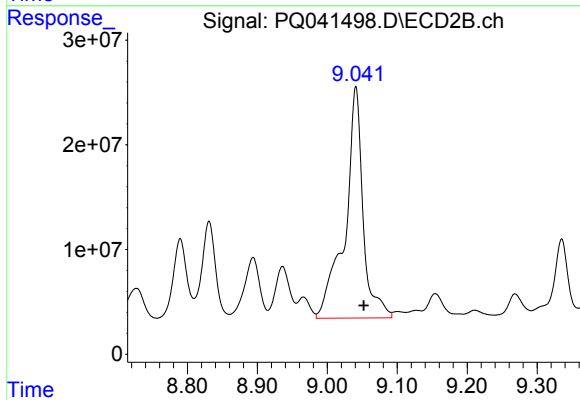
R.T.: 8.790 min
Delta R.T.: -0.011 min
Response: 105646521
Conc: 371.11 ng/ml



#35 AR-1260-5

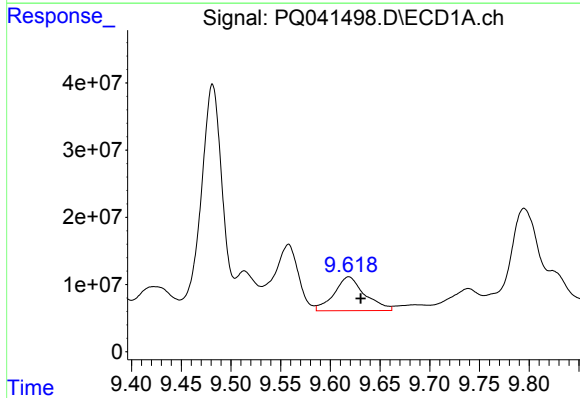
R.T.: 10.150 min
Delta R.T.: -0.015 min
Response: 469753800
Conc: 439.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP21



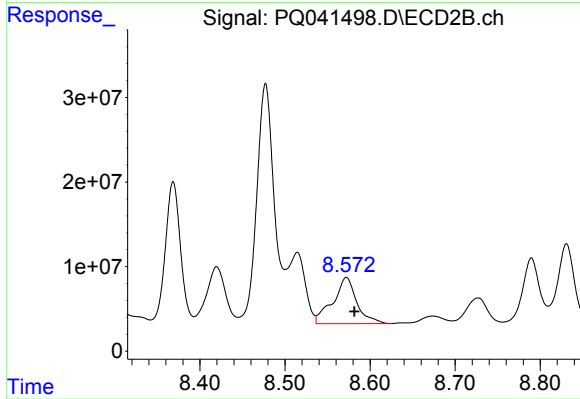
#35 AR-1260-5

R.T.: 9.041 min
Delta R.T.: -0.011 min
Response: 396607321
Conc: 533.37 ng/ml



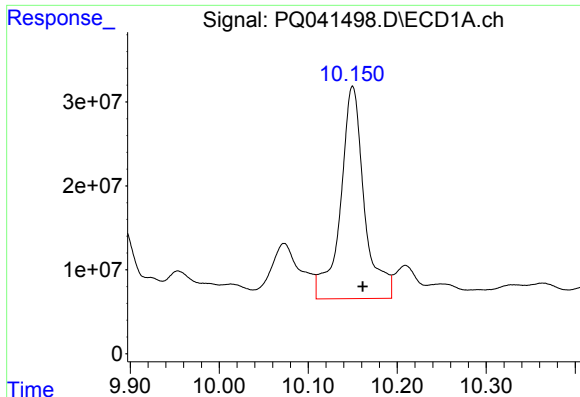
#36 AR-1262-1

R.T.: 9.618 min
Delta R.T.: -0.012 min
Response: 108209762
Conc: 440.75 ng/ml



#36 AR-1262-1

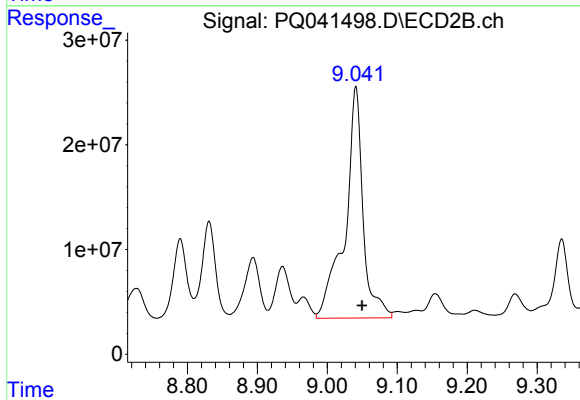
R.T.: 8.572 min
Delta R.T.: -0.009 min
Response: 106699848
Conc: 554.75 ng/ml



#37 AR-1262-2

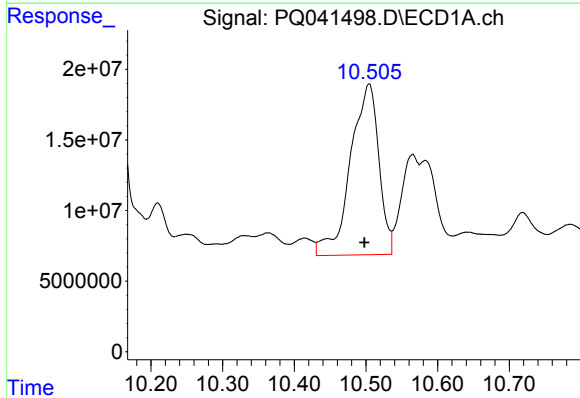
R.T.: 10.150 min
Delta R.T.: -0.011 min
Response: 469753800
Conc: 386.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP21



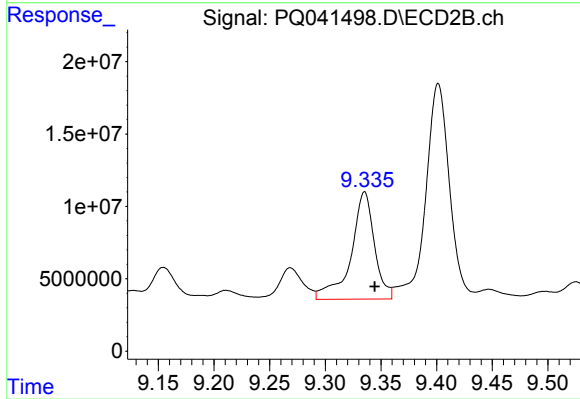
#37 AR-1262-2

R.T.: 9.041 min
Delta R.T.: -0.009 min
Response: 396607321
Conc: 472.07 ng/ml



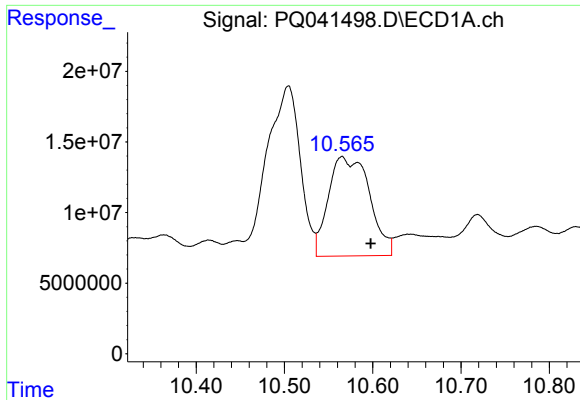
#38 AR-1262-3

R.T.: 10.504 min
Delta R.T.: 0.006 min
Response: 332927511
Conc: 399.49 ng/ml



#38 AR-1262-3

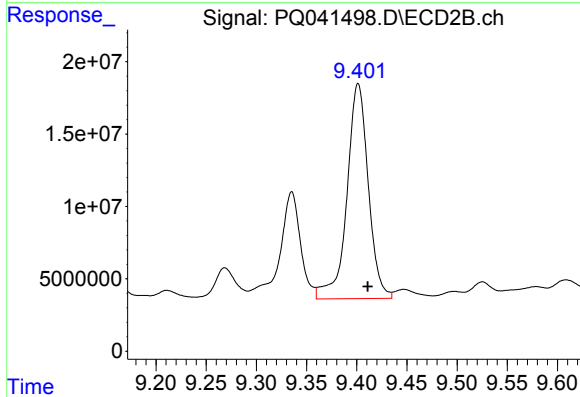
R.T.: 9.335 min
Delta R.T.: -0.009 min
Response: 108180853
Conc: 307.58 ng/ml



#39 AR-1262-4

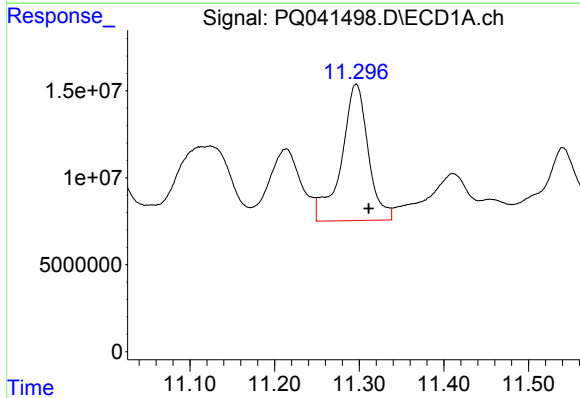
R.T.: 10.565 min
Delta R.T.: -0.033 min
Response: 227660705
Conc: 349.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP21



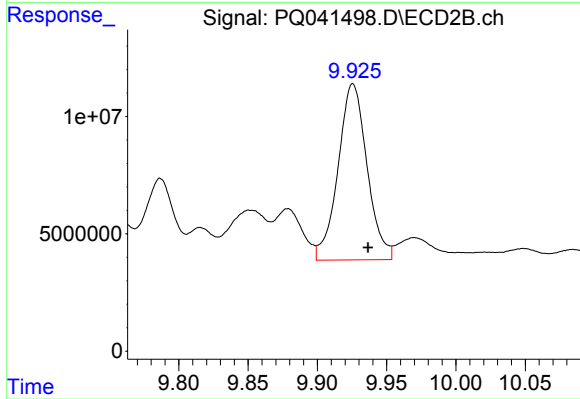
#39 AR-1262-4

R.T.: 9.401 min
Delta R.T.: -0.009 min
Response: 220280177
Conc: 374.81 ng/ml



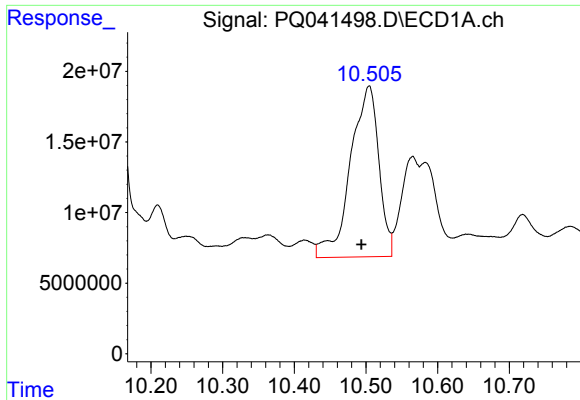
#40 AR-1262-5

R.T.: 11.296 min
Delta R.T.: -0.015 min
Response: 172789925
Conc: 378.00 ng/ml



#40 AR-1262-5

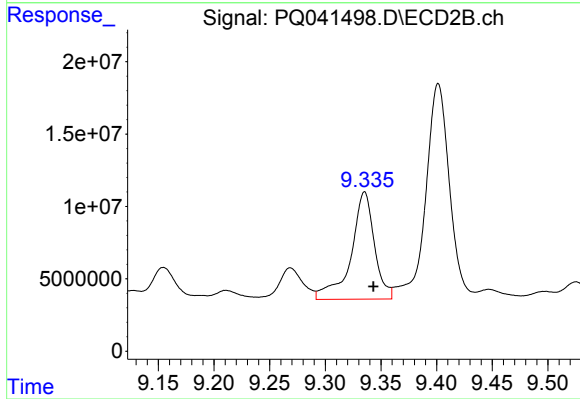
R.T.: 9.926 min
Delta R.T.: -0.011 min
Response: 109334085
Conc: 455.65 ng/ml



#41 AR-1268-1

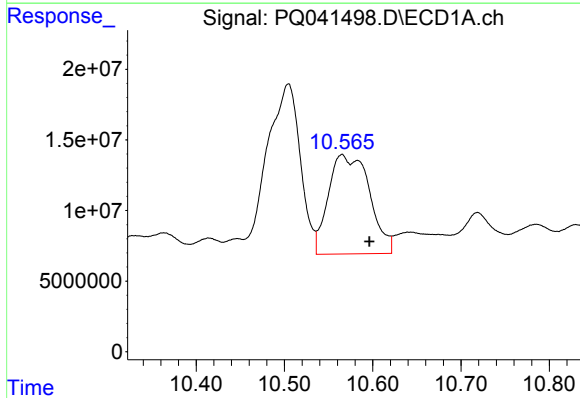
R.T.: 10.504 min
Delta R.T.: 0.010 min
Response: 332927511
Conc: 184.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP21



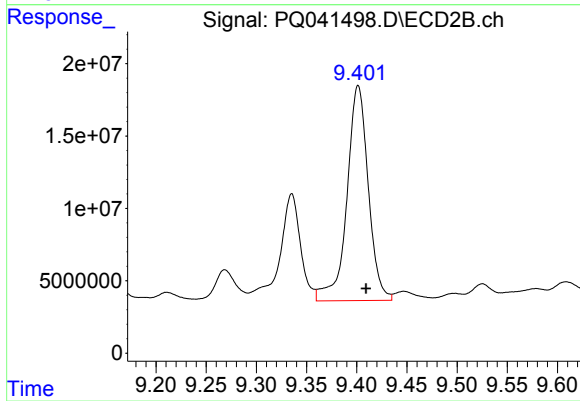
#41 AR-1268-1

R.T.: 9.335 min
Delta R.T.: -0.008 min
Response: 108180853
Conc: 94.68 ng/ml



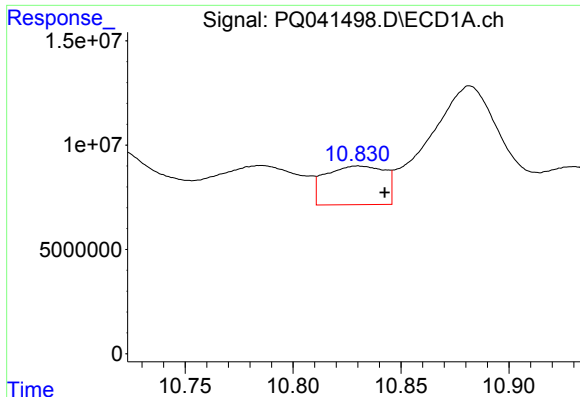
#42 AR-1268-2

R.T.: 10.565 min
Delta R.T.: -0.031 min
Response: 227660705
Conc: 142.68 ng/ml



#42 AR-1268-2

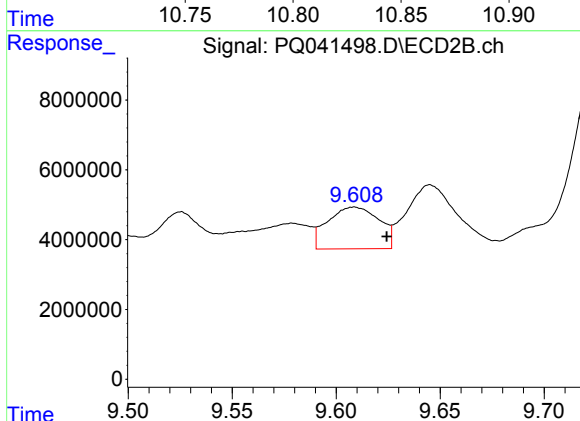
R.T.: 9.401 min
Delta R.T.: -0.008 min
Response: 220280177
Conc: 226.69 ng/ml



#43 AR-1268-3

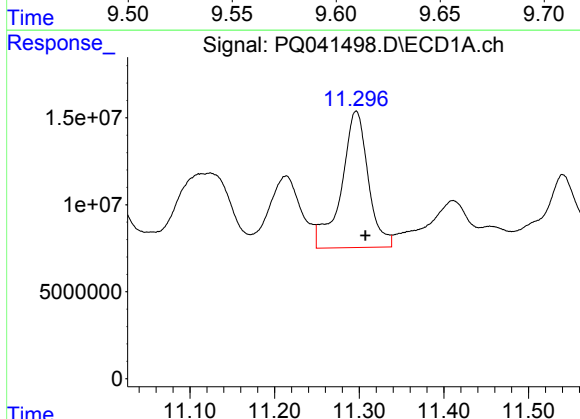
R.T.: 10.830 min
Delta R.T.: -0.012 min
Response: 35355062
Conc: 25.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP21



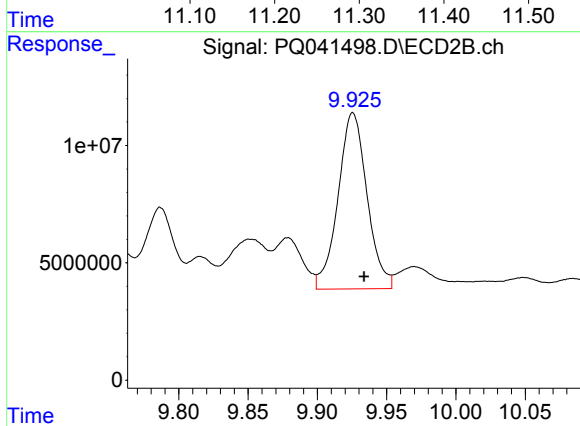
#43 AR-1268-3

R.T.: 9.609 min
Delta R.T.: -0.016 min
Response: 20546842
Conc: 25.74 ng/ml



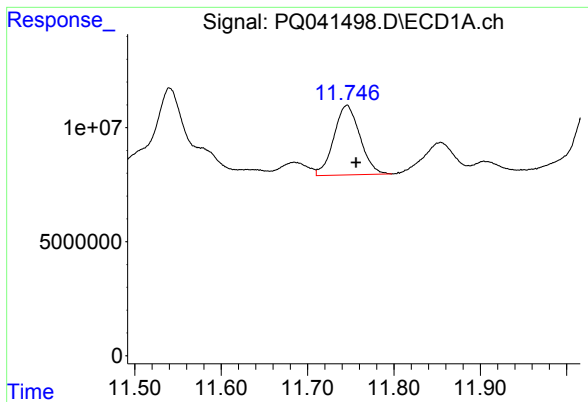
#44 AR-1268-4

R.T.: 11.296 min
Delta R.T.: -0.011 min
Response: 172789925
Conc: 304.40 ng/ml



#44 AR-1268-4

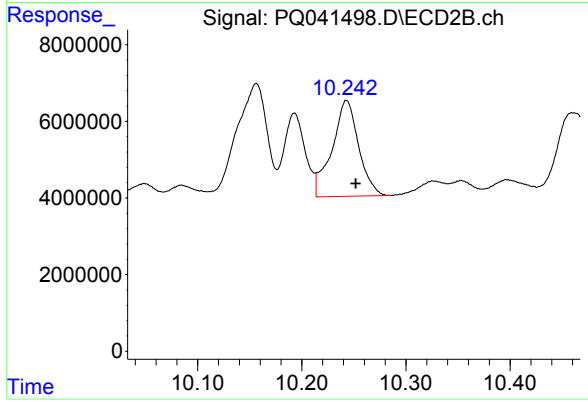
R.T.: 9.926 min
Delta R.T.: -0.008 min
Response: 109334085
Conc: 356.28 ng/ml



#45 AR-1268-5

R.T.: 11.745 min
Delta R.T.: -0.011 min
Response: 63969074
Conc: 14.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP21



#45 AR-1268-5

R.T.: 10.243 min
Delta R.T.: -0.009 min
Response: 44558740
Conc: 22.55 ng/ml