

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
 Data File : PQ041875.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2019 18:27
 Operator : SM\AJ
 Sample : K3962-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BEP04

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 04:22:50 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...	5.696	4.754	32617362	29840427	14.222	15.484
2)	SA Decachlor...	12.090	10.508	188.4E6	114.3E6	22.348	23.632
Target Compounds							
3)	L1 AR-1016-1	7.140	6.207	43547277	40748309	402.902	392.682
4)	L1 AR-1016-2	7.170	6.229	53439164	27849592	341.404	194.386 #
5)	L1 AR-1016-3	7.246	6.446	24033876	25938986	248.469	347.838 #
6)	L1 AR-1016-4	7.346	6.497	28632465	169.4E6	367.016	2732.079 #
7)	L1 AR-1016-5	7.683	6.749	183.0E6	169.0E6	2327.400	2075.939
9)	L2 AR-1221-2	0.000	5.178	0	1262661	N.D.	79.066 #
10)	L2 AR-1221-3	0.000	5.283	0	1915675	N.D.	35.129 #
11)	L3 AR-1232-1	0.000	5.283	0	1915675	N.D.	39.672 #
12)	L3 AR-1232-2	6.825	6.229	25049725	27849592	762.393	488.351 #
13)	L3 AR-1232-3	7.170	6.446	53439164	25938986	800.426	869.866
14)	L3 AR-1232-4	7.346	6.546	28632465	153.6E6	892.627	5752.479 #
15)	L3 AR-1232-5	7.455	6.749	192.2E6	169.0E6	8941.944	5762.384 #
16)	L4 AR-1242-1	7.140	6.207	43547277	40748309	486.838	497.904
17)	L4 AR-1242-2	7.170	6.229	53439164	27849592	415.573	246.592 #
18)	L4 AR-1242-3	7.246	6.446	24033876	25938986	296.398	439.103 #
19)	L4 AR-1242-4	7.346	6.546	28632465	153.6E6	445.380	2589.867 #
20)	L4 AR-1242-5	8.173	7.159	212.0E6	340.8E6	2389.269	3837.895 #
21)	L5 AR-1248-1	7.140	6.207	43547277	40748309	587.397	614.569
22)	L5 AR-1248-2	7.455	6.497	192.2E6	169.4E6	2082.790	1943.130
23)	L5 AR-1248-3	7.683	6.546	183.0E6	153.6E6	1632.945	1720.586
24)	L5 AR-1248-4	8.130	6.749	173.4E6	169.0E6	1108.725	1534.286 #
25)	L5 AR-1248-5	8.173	7.205	212.0E6	143.0E6	1400.907	1115.684
26)	L6 AR-1254-1	8.099	7.159	253.9E6	340.8E6	1825.052	1863.376
27)	L6 AR-1254-2	8.340	7.327	410.0E6	206.2E6	1791.406	1274.095 #
28)	L6 AR-1254-3	8.732	7.773	461.3E6	494.4E6	1687.221	1714.330
29)	L6 AR-1254-4	9.033	8.022	350.7E6	323.7E6	1424.431	1491.276
30)	L6 AR-1254-5	9.472	8.467	201.7E6	206.8E6	744.579	687.549
31)	L7 AR-1260-1	8.905	7.930	77921954	197.0E6	438.046	1085.963 #
32)	L7 AR-1260-2	9.173	8.117	198.7E6	82316269	787.823	335.525 #
33)	L7 AR-1260-3	9.543	8.282	44800169	96797868	195.519	454.925 #
34)	L7 AR-1260-4	9.782	8.779	207.9E6	24175477	814.059	119.509 #
35)	L7 AR-1260-5	10.139	9.030	64302858	47233629	95.463	80.030
36)	L8 AR-1262-1	9.656	8.561	153.3E6	18775704	997.136	130.873 #
37)	L8 AR-1262-2	10.139	9.030	64302858	47233629	73.454	63.738
38)	L8 AR-1262-3	10.476	9.324	52133031	26176636	82.098	82.740
39)	L8 AR-1262-4	10.572	9.390	32217206	43222401	64.343	76.858
40)	L8 AR-1262-5	11.283	9.913	15132354	15126427	37.170	52.963 #
41)	L9 AR-1268-1	10.476	9.324	52133031	26176636	36.596	22.898 #
42)	L9 AR-1268-2	10.572	9.390	32217206	43222401	24.427	42.104 #
43)	L9 AR-1268-3	10.819	9.604	18461825	16269554	15.778	18.723

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
 Data File : PQ041875.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2019 18:27
 Operator : SM\AJ
 Sample : K3962-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

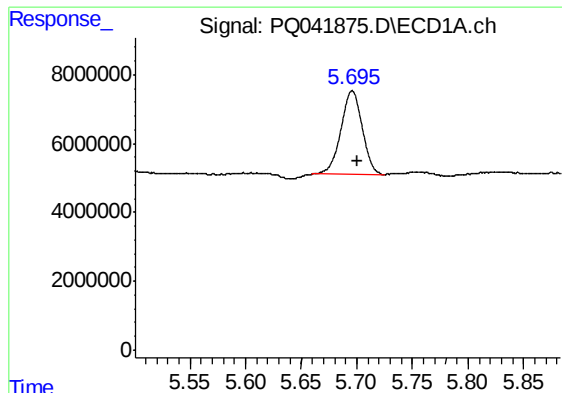
Instrument :
 ECD_Q
 ClientSampleId :
 BEP04

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 04:22:50 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
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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	11.283	9.913	15132354	15126427	27.795	39.323 #
45) L9	AR-1268-5	11.728	10.230	57064863	42517119	14.080	16.369

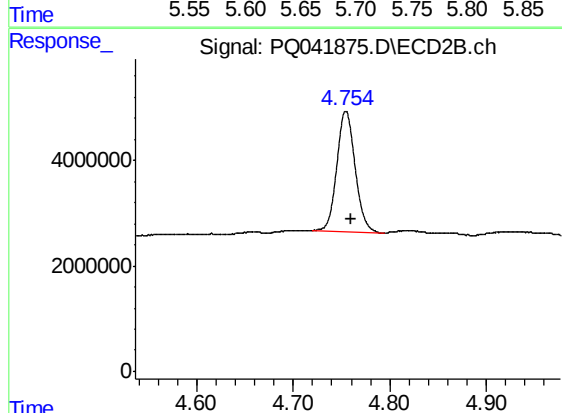
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

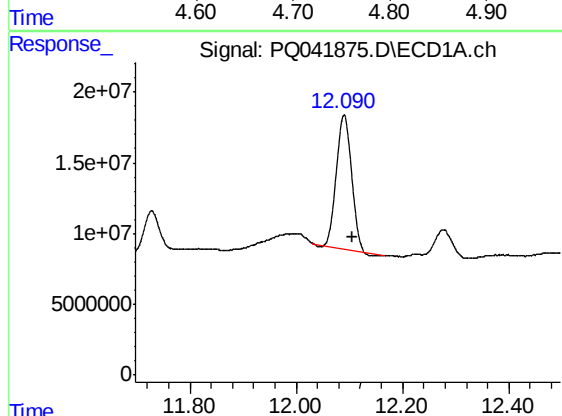
R.T.: 5.696 min
Delta R.T.: -0.005 min
Response: 32617362
Conc: 14.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP04



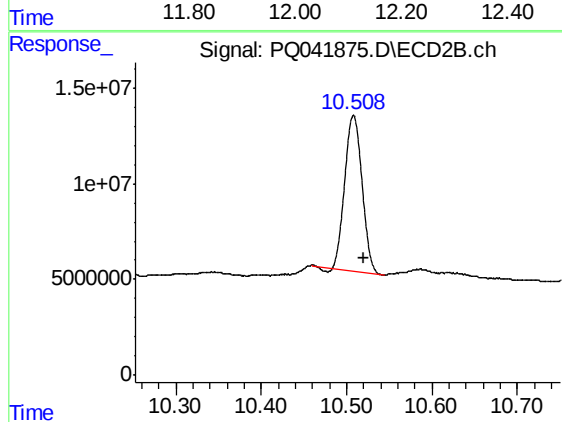
#1 Tetrachloro-m-xylene

R.T.: 4.754 min
Delta R.T.: -0.005 min
Response: 29840427
Conc: 15.48 ng/ml



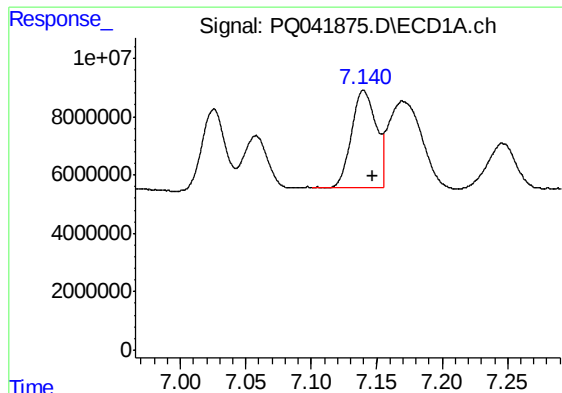
#2 Decachlorobiphenyl

R.T.: 12.090 min
Delta R.T.: -0.016 min
Response: 188426269
Conc: 22.35 ng/ml



#2 Decachlorobiphenyl

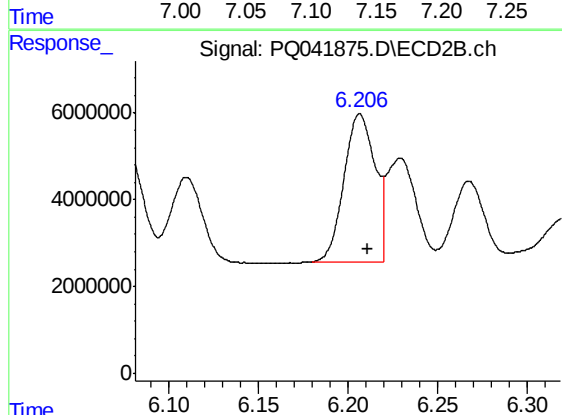
R.T.: 10.508 min
Delta R.T.: -0.012 min
Response: 114314904
Conc: 23.63 ng/ml



#3 AR-1016-1

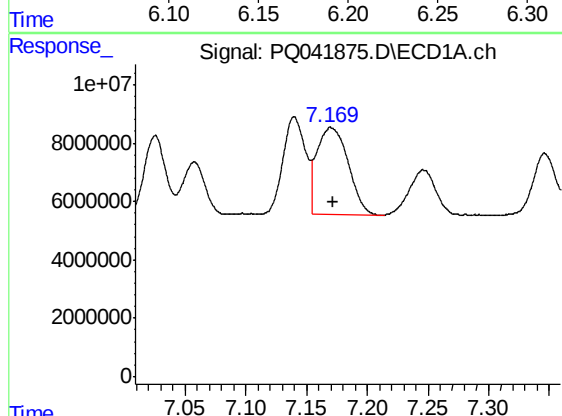
R.T.: 7.140 min
Delta R.T.: -0.007 min
Response: 43547277
Conc: 402.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP04



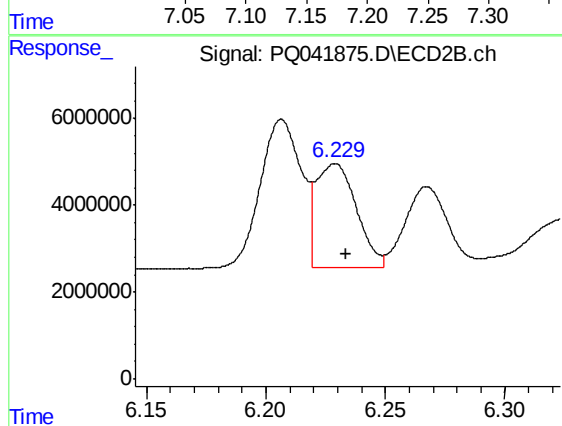
#3 AR-1016-1

R.T.: 6.207 min
Delta R.T.: -0.004 min
Response: 40748309
Conc: 392.68 ng/ml



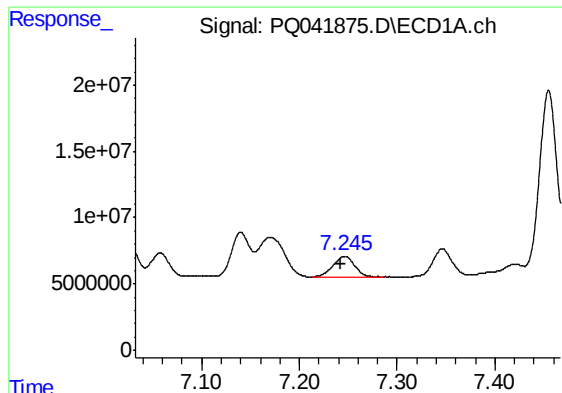
#4 AR-1016-2

R.T.: 7.170 min
Delta R.T.: -0.002 min
Response: 53439164
Conc: 341.40 ng/ml



#4 AR-1016-2

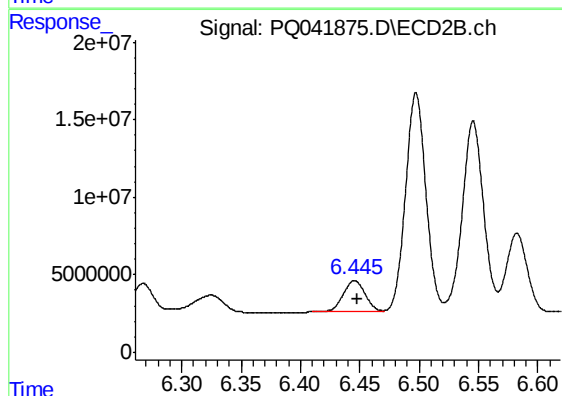
R.T.: 6.229 min
Delta R.T.: -0.005 min
Response: 27849592
Conc: 194.39 ng/ml



#5 AR-1016-3

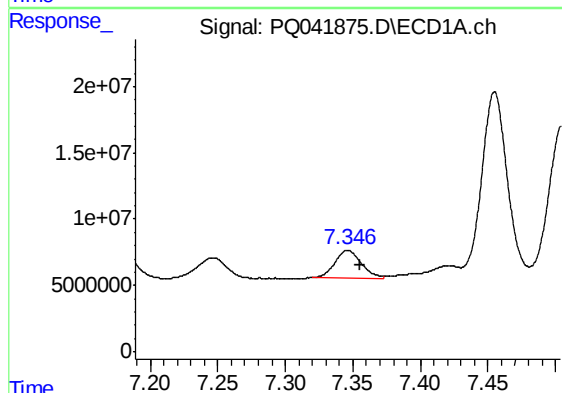
R.T.: 7.246 min
Delta R.T.: 0.004 min
Response: 24033876
Conc: 248.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP04



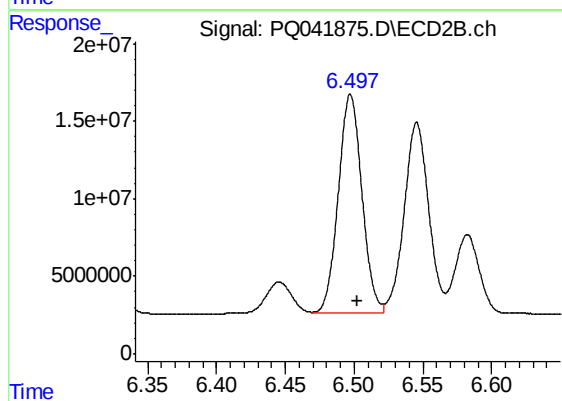
#5 AR-1016-3

R.T.: 6.446 min
Delta R.T.: -0.003 min
Response: 25938986
Conc: 347.84 ng/ml



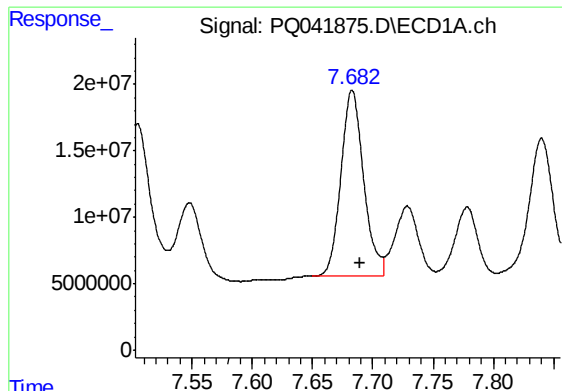
#6 AR-1016-4

R.T.: 7.346 min
Delta R.T.: -0.010 min
Response: 28632465
Conc: 367.02 ng/ml



#6 AR-1016-4

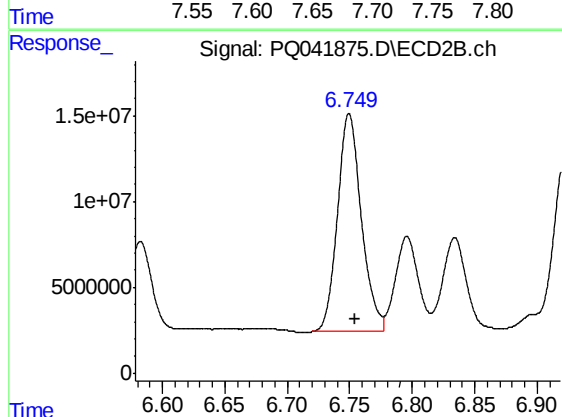
R.T.: 6.497 min
Delta R.T.: -0.005 min
Response: 169417064
Conc: 2732.08 ng/ml



#7 AR-1016-5

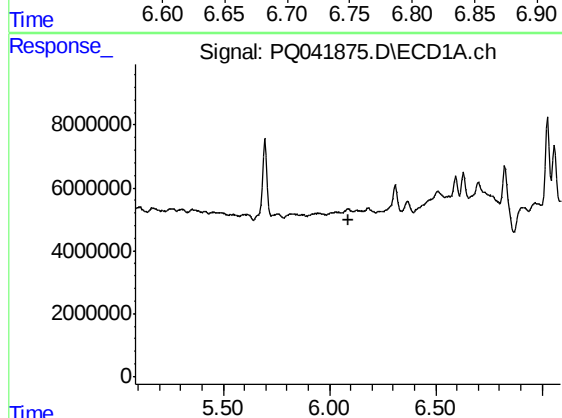
R.T.: 7.683 min
Delta R.T.: -0.006 min
Response: 182957330
Conc: 2327.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP04



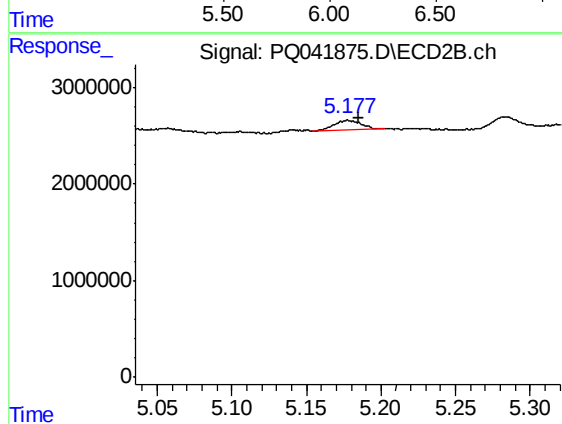
#7 AR-1016-5

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 168988491
Conc: 2075.94 ng/ml



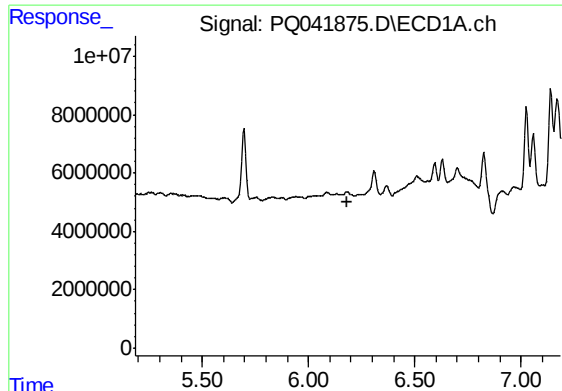
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 6.087 min
Response: 0
Conc: N.D.



#9 AR-1221-2

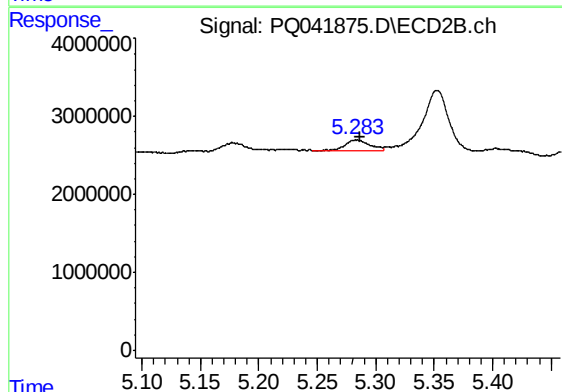
R.T.: 5.178 min
Delta R.T.: -0.008 min
Response: 1262661
Conc: 79.07 ng/ml



#10 AR-1221-3

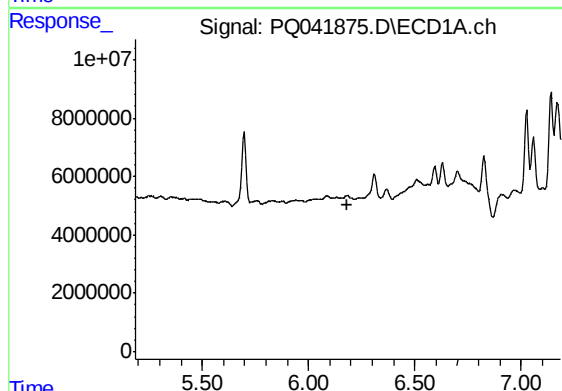
R.T.: 0.000 min
Exp R.T. : 6.186 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEP04



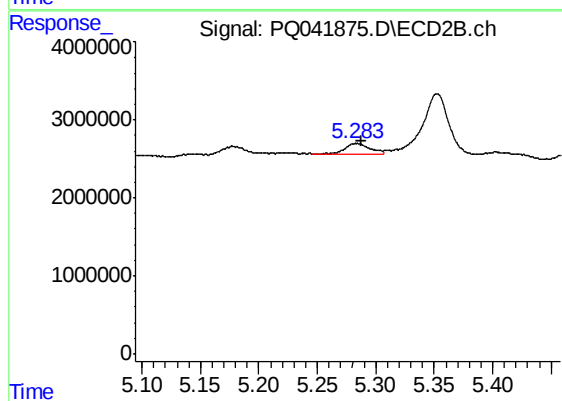
#10 AR-1221-3

R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 1915675
Conc: 35.13 ng/ml



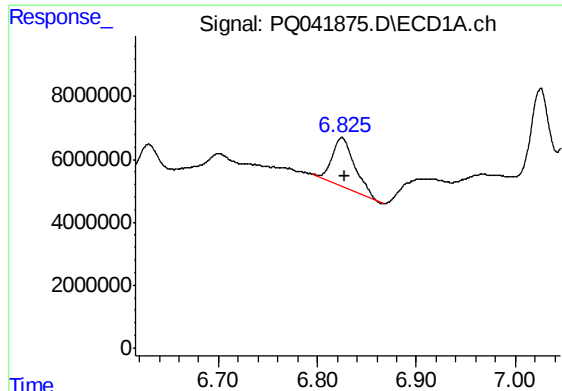
#11 AR-1232-1

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



#11 AR-1232-1

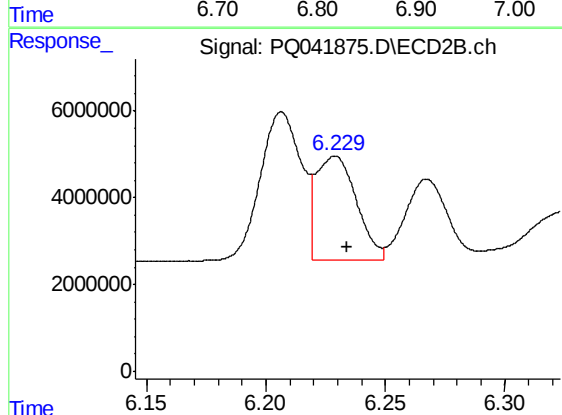
R.T.: 5.283 min
Delta R.T.: -0.005 min
Response: 1915675
Conc: 39.67 ng/ml



#12 AR-1232-2

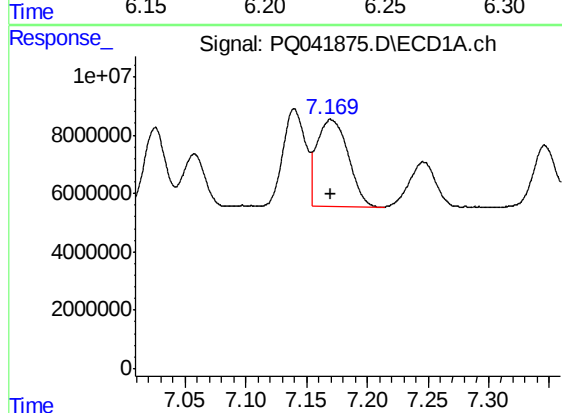
R.T.: 6.825 min
Delta R.T.: -0.003 min
Response: 25049725
Conc: 762.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP04



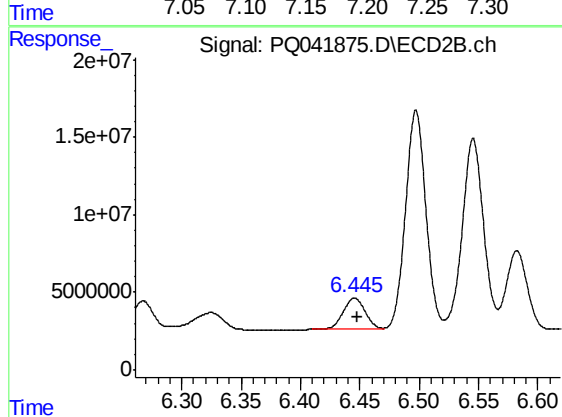
#12 AR-1232-2

R.T.: 6.229 min
Delta R.T.: -0.005 min
Response: 27849592
Conc: 488.35 ng/ml



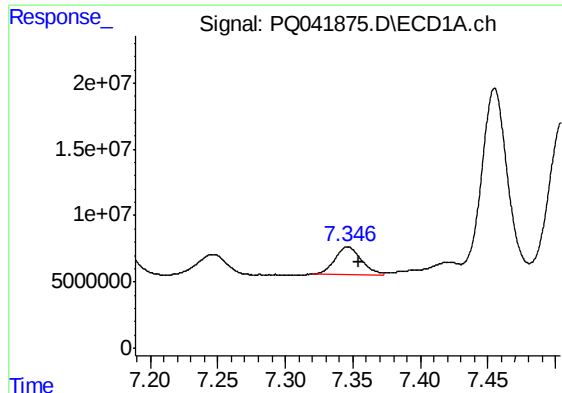
#13 AR-1232-3

R.T.: 7.170 min
Delta R.T.: 0.000 min
Response: 53439164
Conc: 800.43 ng/ml



#13 AR-1232-3

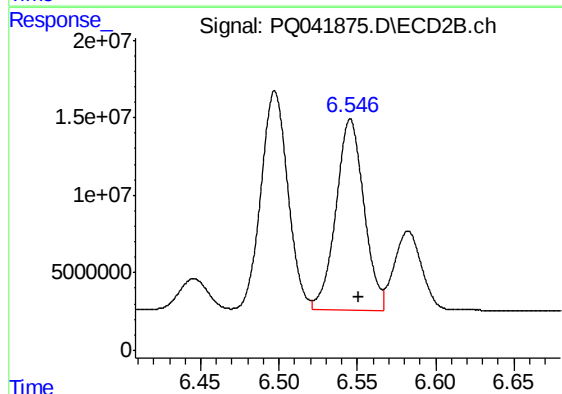
R.T.: 6.446 min
Delta R.T.: -0.002 min
Response: 25938986
Conc: 869.87 ng/ml



#14 AR-1232-4

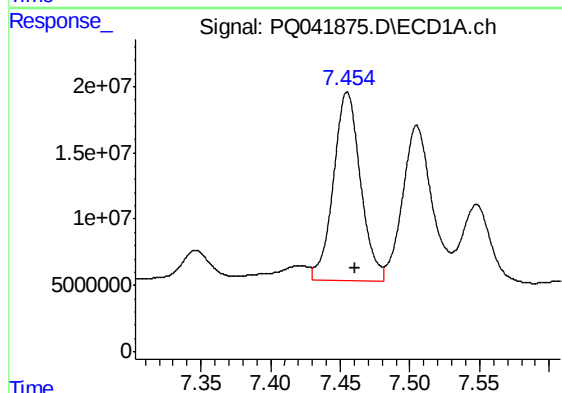
R.T.: 7.346 min
Delta R.T.: -0.008 min
Response: 28632465
Conc: 892.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP04



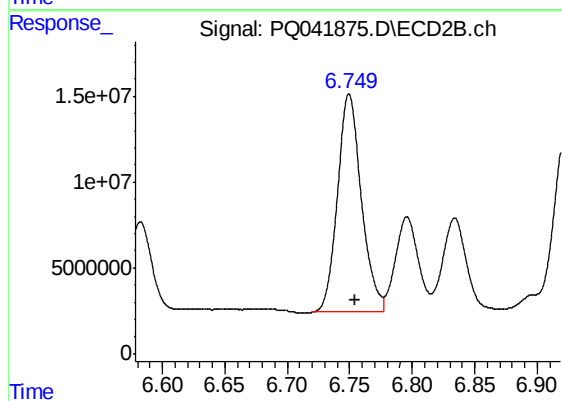
#14 AR-1232-4

R.T.: 6.546 min
Delta R.T.: -0.006 min
Response: 153572132
Conc: 5752.48 ng/ml



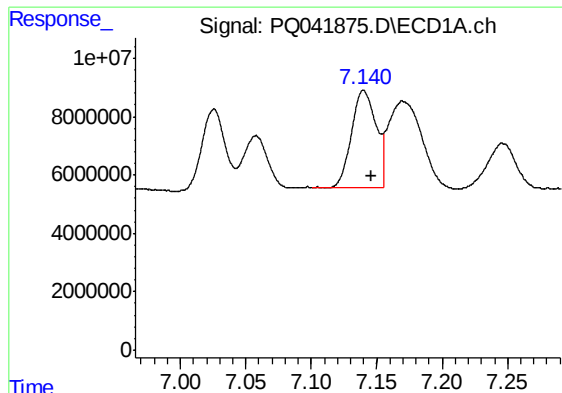
#15 AR-1232-5

R.T.: 7.455 min
Delta R.T.: -0.006 min
Response: 192164797
Conc: 8941.94 ng/ml



#15 AR-1232-5

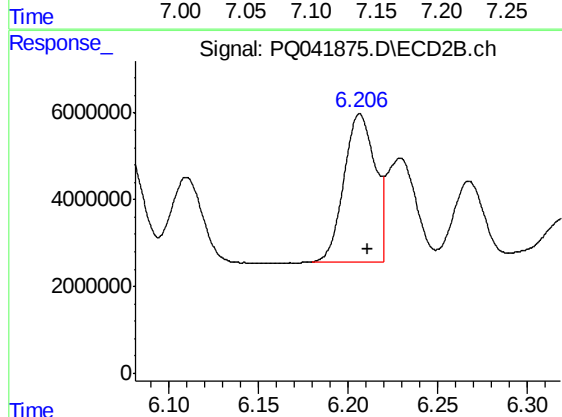
R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 168988491
Conc: 5762.38 ng/ml



#16 AR-1242-1

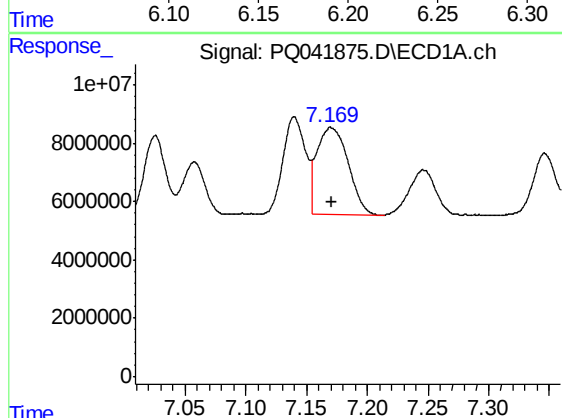
R.T.: 7.140 min
Delta R.T.: -0.006 min
Response: 43547277
Conc: 486.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP04



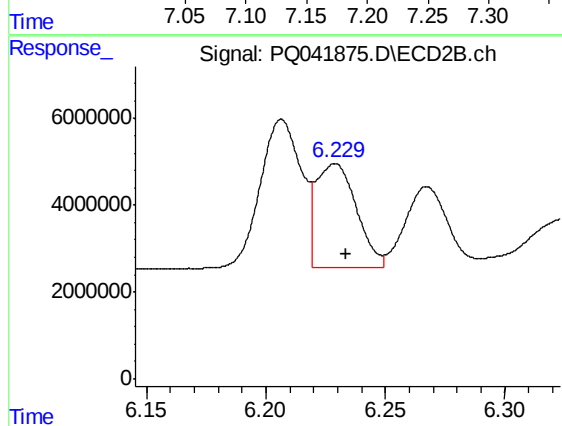
#16 AR-1242-1

R.T.: 6.207 min
Delta R.T.: -0.004 min
Response: 40748309
Conc: 497.90 ng/ml



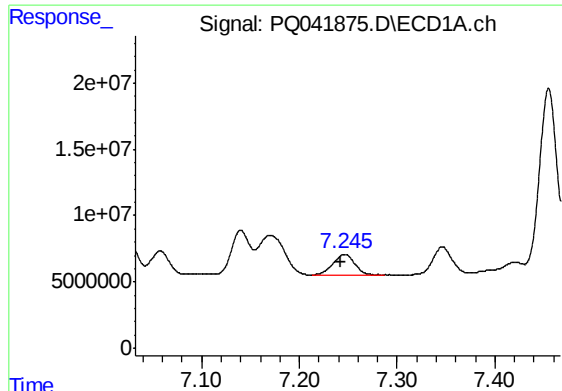
#17 AR-1242-2

R.T.: 7.170 min
Delta R.T.: -0.001 min
Response: 53439164
Conc: 415.57 ng/ml



#17 AR-1242-2

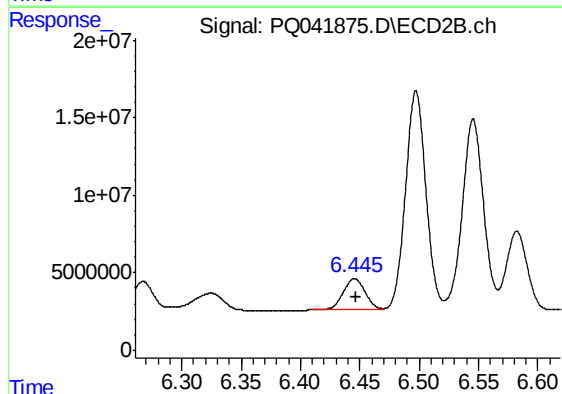
R.T.: 6.229 min
Delta R.T.: -0.005 min
Response: 27849592
Conc: 246.59 ng/ml



#18 AR-1242-3

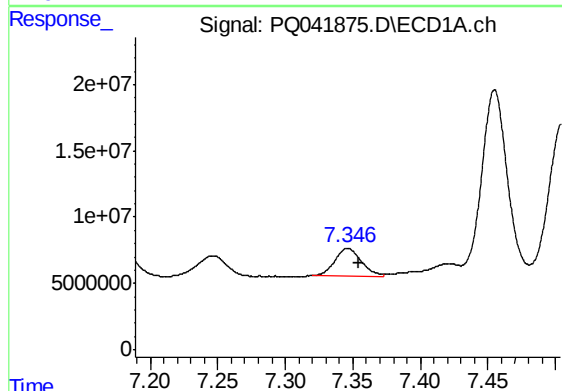
R.T.: 7.246 min
Delta R.T.: 0.004 min
Response: 24033876
Conc: 296.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP04



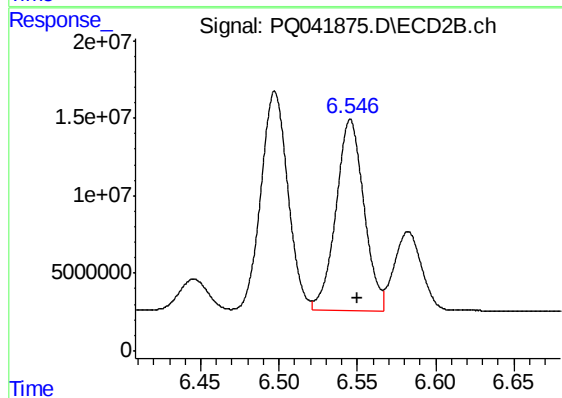
#18 AR-1242-3

R.T.: 6.446 min
Delta R.T.: -0.002 min
Response: 25938986
Conc: 439.10 ng/ml



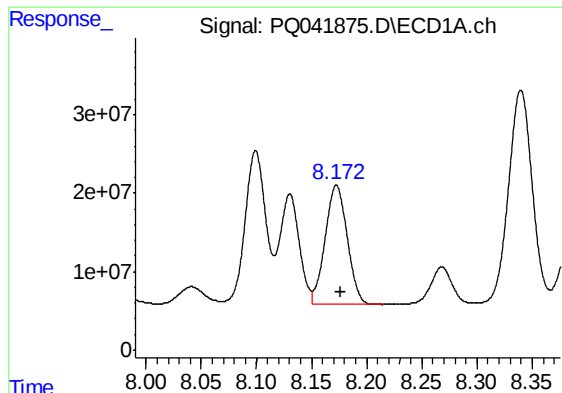
#19 AR-1242-4

R.T.: 7.346 min
Delta R.T.: -0.009 min
Response: 28632465
Conc: 445.38 ng/ml



#19 AR-1242-4

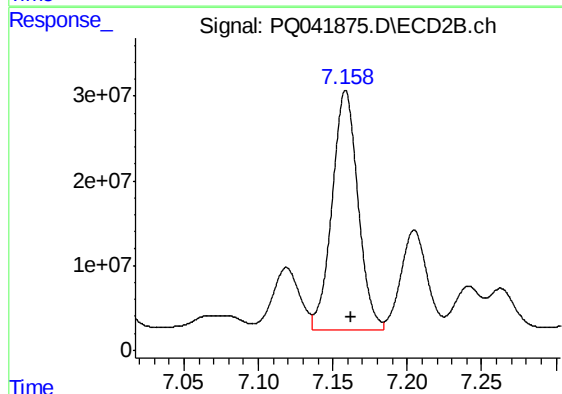
R.T.: 6.546 min
Delta R.T.: -0.005 min
Response: 153572132
Conc: 2589.87 ng/ml



#20 AR-1242-5

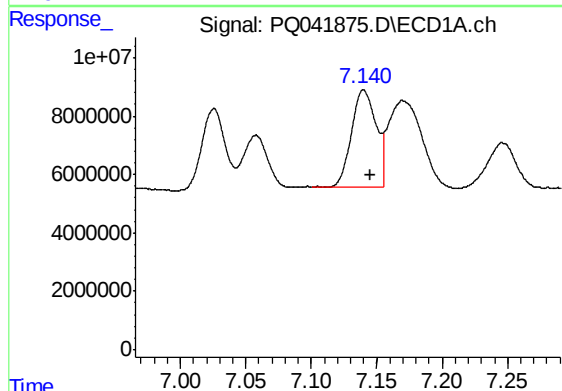
R.T.: 8.173 min
Delta R.T.: -0.004 min
Response: 211989853
Conc: 2389.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP04



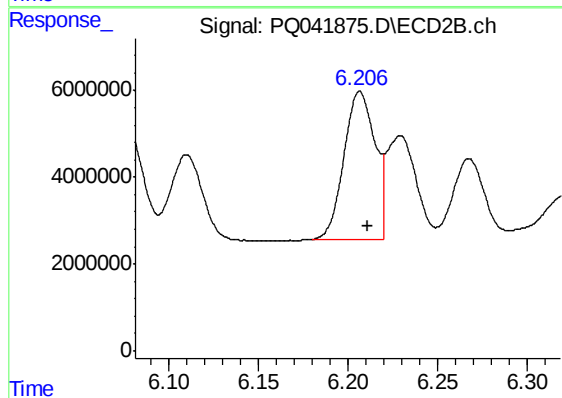
#20 AR-1242-5

R.T.: 7.159 min
Delta R.T.: -0.004 min
Response: 340782965
Conc: 3837.90 ng/ml



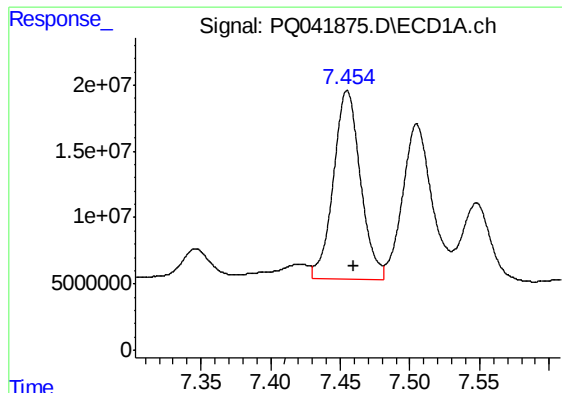
#21 AR-1248-1

R.T.: 7.140 min
Delta R.T.: -0.006 min
Response: 43547277
Conc: 587.40 ng/ml



#21 AR-1248-1

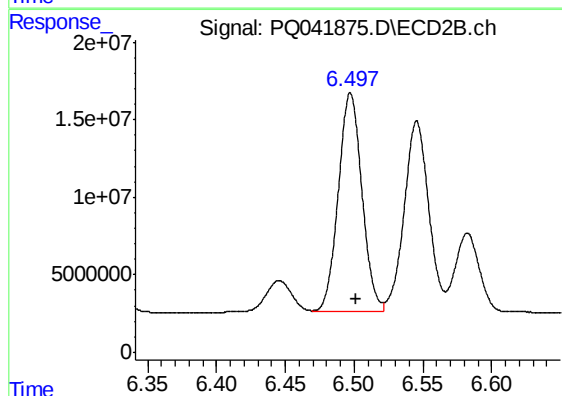
R.T.: 6.207 min
Delta R.T.: -0.004 min
Response: 40748309
Conc: 614.57 ng/ml



#22 AR-1248-2

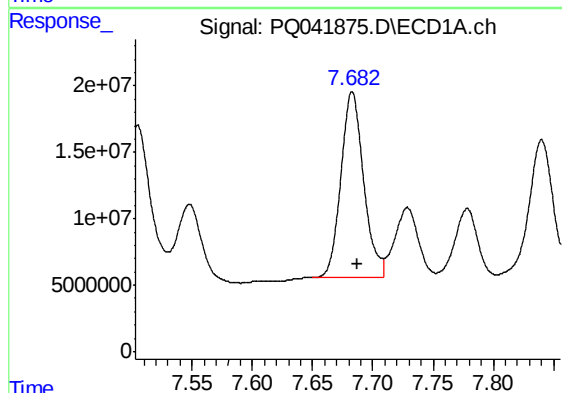
R.T.: 7.455 min
Delta R.T.: -0.005 min
Response: 192164797
Conc: 2082.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP04



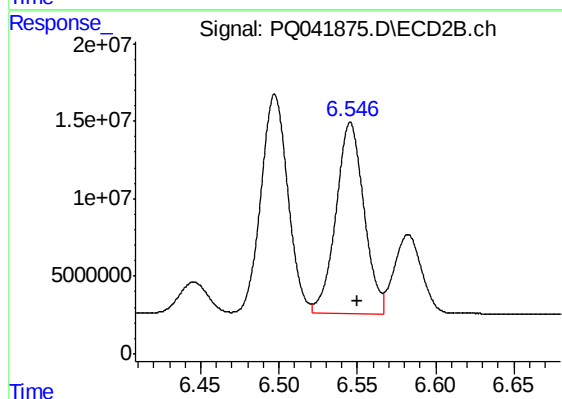
#22 AR-1248-2

R.T.: 6.497 min
Delta R.T.: -0.004 min
Response: 169417064
Conc: 1943.13 ng/ml



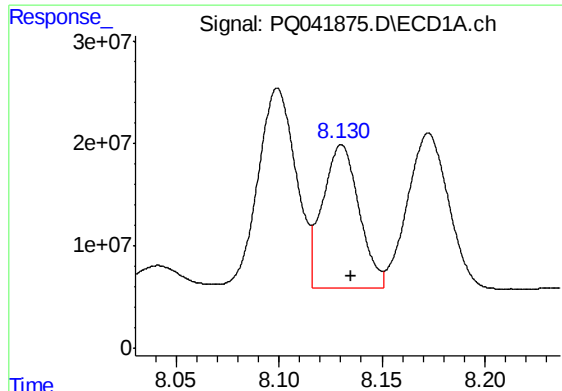
#23 AR-1248-3

R.T.: 7.683 min
Delta R.T.: -0.005 min
Response: 182957330
Conc: 1632.95 ng/ml



#23 AR-1248-3

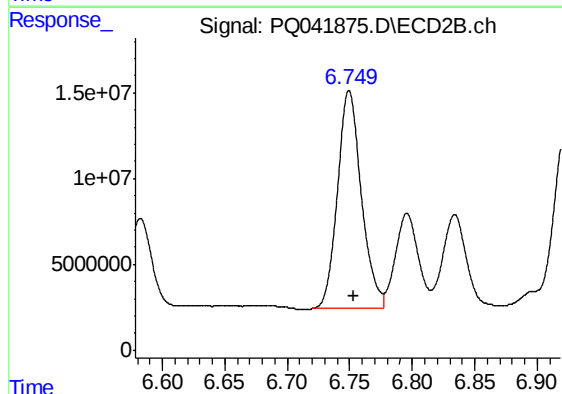
R.T.: 6.546 min
Delta R.T.: -0.005 min
Response: 153572132
Conc: 1720.59 ng/ml



#24 AR-1248-4

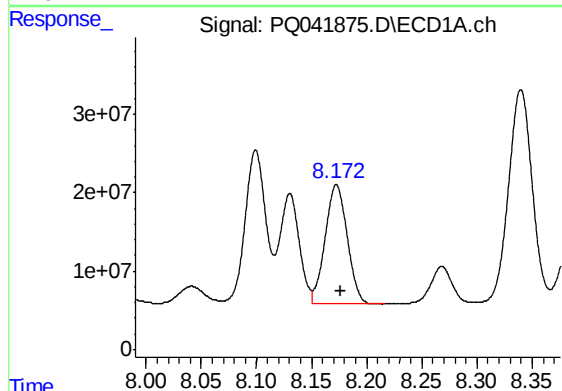
R.T.: 8.130 min
Delta R.T.: -0.005 min
Response: 173358250
Conc: 1108.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP04



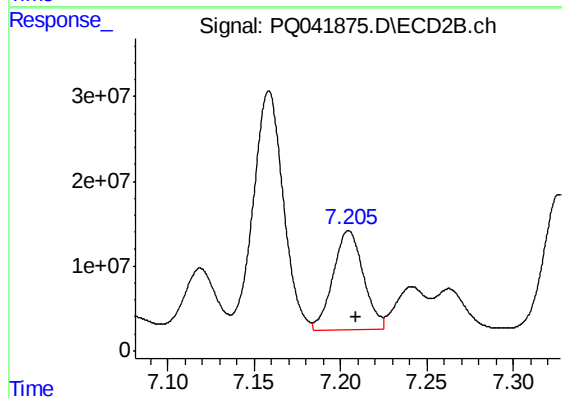
#24 AR-1248-4

R.T.: 6.749 min
Delta R.T.: -0.004 min
Response: 168988491
Conc: 1534.29 ng/ml



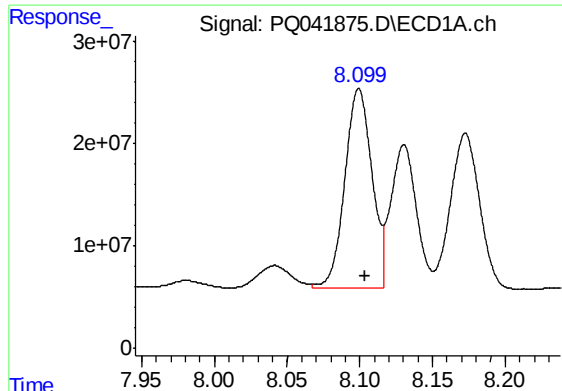
#25 AR-1248-5

R.T.: 8.173 min
Delta R.T.: -0.004 min
Response: 211989853
Conc: 1400.91 ng/ml



#25 AR-1248-5

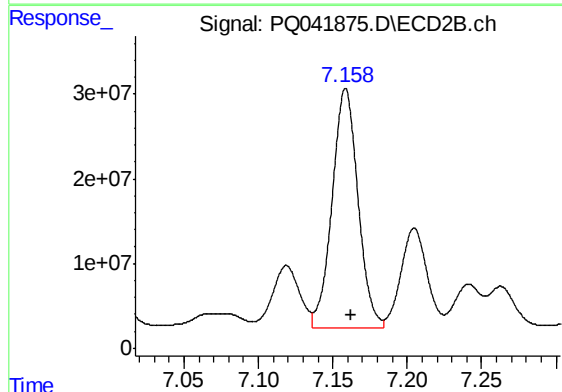
R.T.: 7.205 min
Delta R.T.: -0.004 min
Response: 143002378
Conc: 1115.68 ng/ml



#26 AR-1254-1

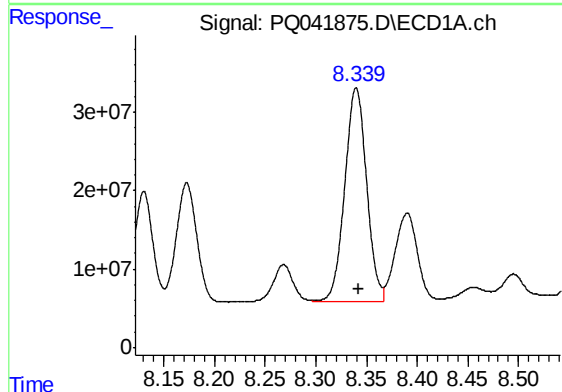
R.T.: 8.099 min
Delta R.T.: -0.004 min
Response: 253891618
Conc: 1825.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP04



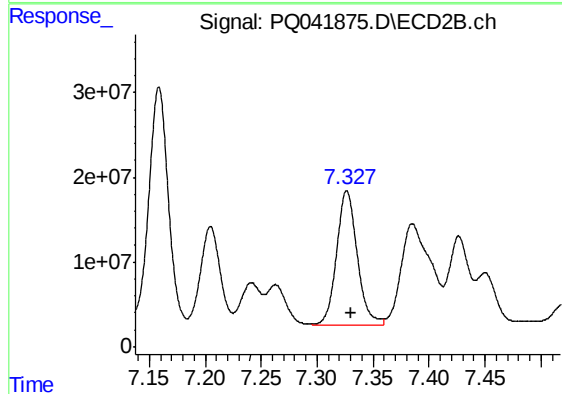
#26 AR-1254-1

R.T.: 7.159 min
Delta R.T.: -0.004 min
Response: 340782965
Conc: 1863.38 ng/ml



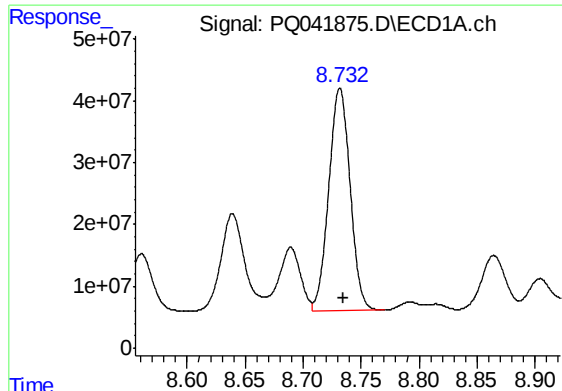
#27 AR-1254-2

R.T.: 8.340 min
Delta R.T.: -0.002 min
Response: 410022205
Conc: 1791.41 ng/ml



#27 AR-1254-2

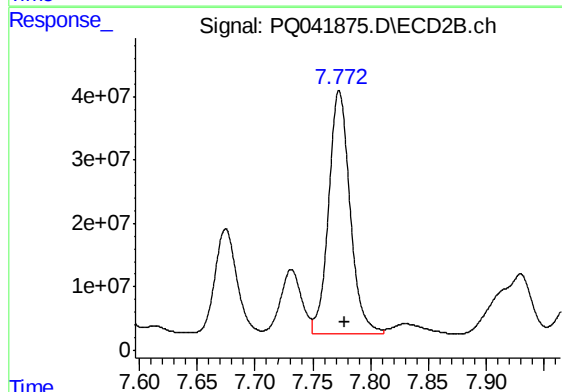
R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 206239411
Conc: 1274.09 ng/ml



#28 AR-1254-3

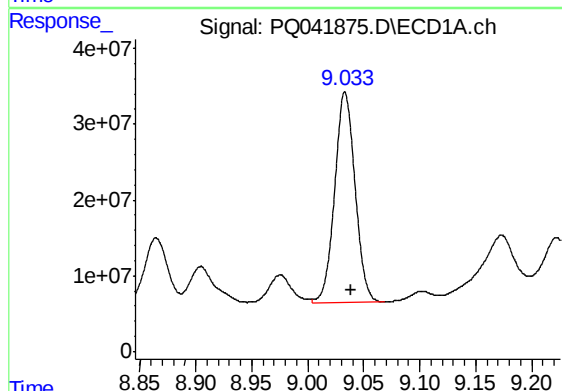
R.T.: 8.732 min
Delta R.T.: -0.004 min
Response: 461331381
Conc: 1687.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP04



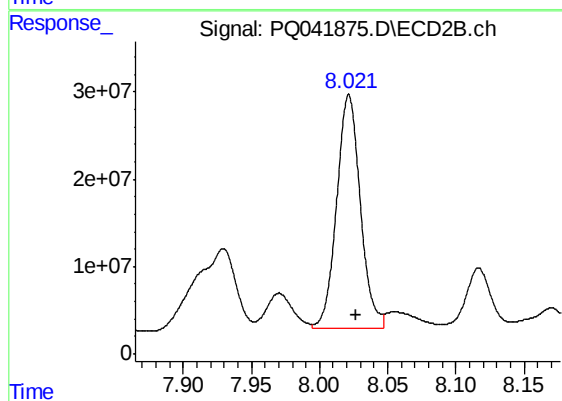
#28 AR-1254-3

R.T.: 7.773 min
Delta R.T.: -0.005 min
Response: 494424694
Conc: 1714.33 ng/ml



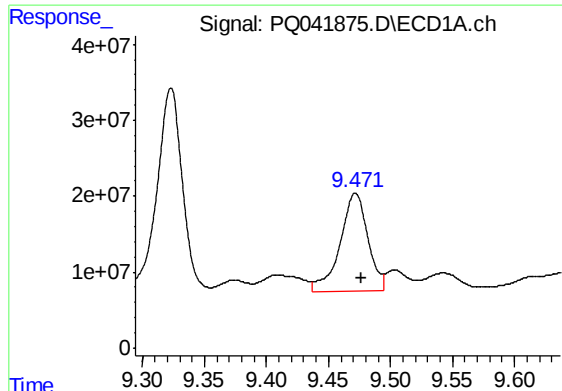
#29 AR-1254-4

R.T.: 9.033 min
Delta R.T.: -0.006 min
Response: 350659116
Conc: 1424.43 ng/ml



#29 AR-1254-4

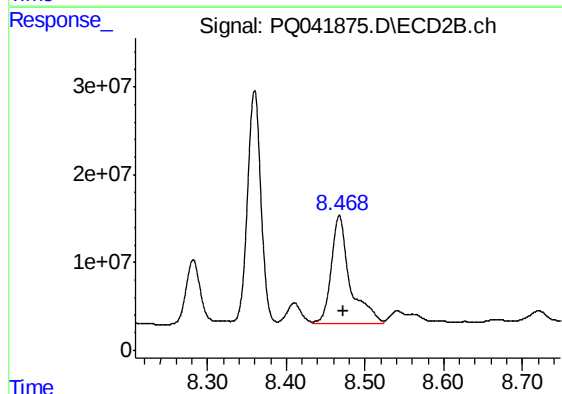
R.T.: 8.022 min
Delta R.T.: -0.005 min
Response: 323715208
Conc: 1491.28 ng/ml



#30 AR-1254-5

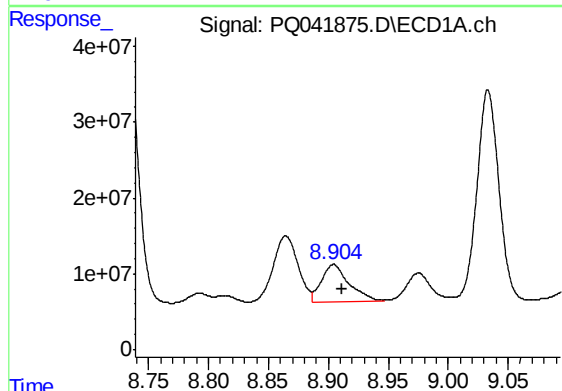
R.T.: 9.472 min
Delta R.T.: -0.005 min
Response: 201665919
Conc: 744.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP04



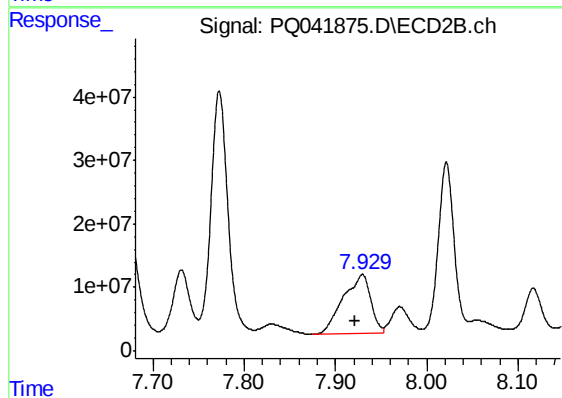
#30 AR-1254-5

R.T.: 8.467 min
Delta R.T.: -0.005 min
Response: 206792763
Conc: 687.55 ng/ml



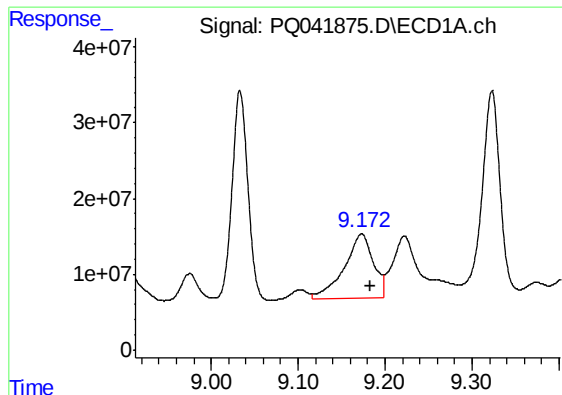
#31 AR-1260-1

R.T.: 8.905 min
Delta R.T.: -0.007 min
Response: 77921954
Conc: 438.05 ng/ml



#31 AR-1260-1

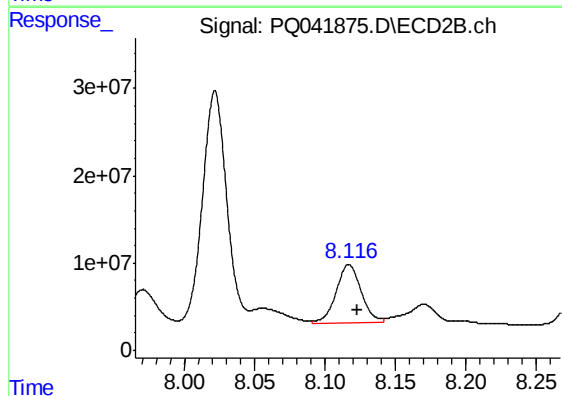
R.T.: 7.930 min
Delta R.T.: 0.009 min
Response: 197025869
Conc: 1085.96 ng/ml



#32 AR-1260-2

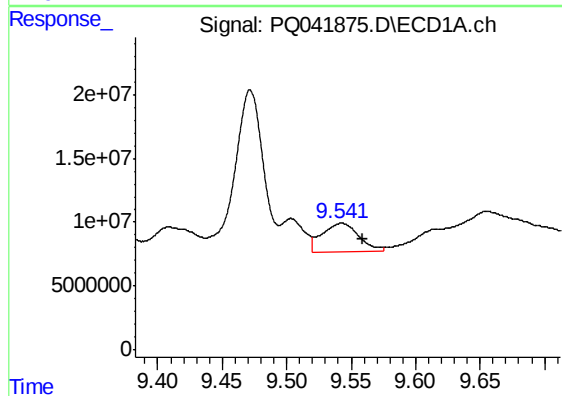
R.T.: 9.173 min
Delta R.T.: -0.010 min
Response: 198748133
Conc: 787.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP04



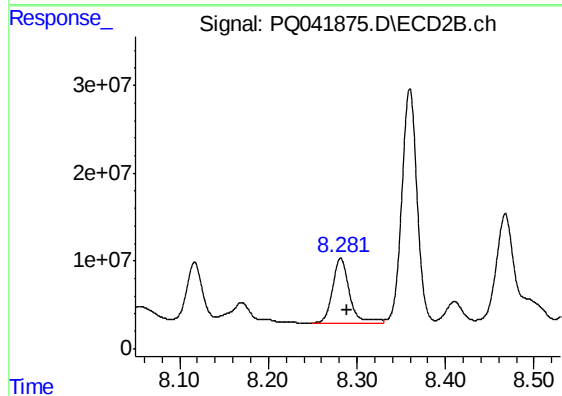
#32 AR-1260-2

R.T.: 8.117 min
Delta R.T.: -0.006 min
Response: 82316269
Conc: 335.53 ng/ml



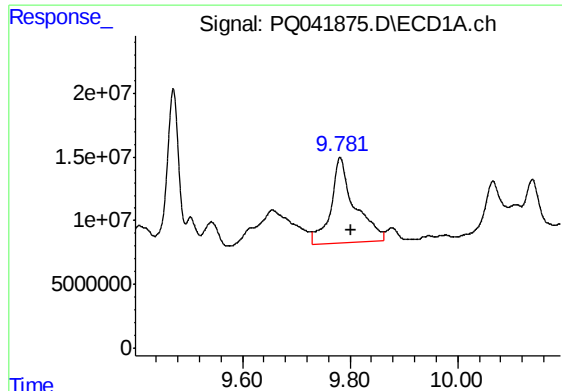
#33 AR-1260-3

R.T.: 9.543 min
Delta R.T.: -0.016 min
Response: 44800169
Conc: 195.52 ng/ml



#33 AR-1260-3

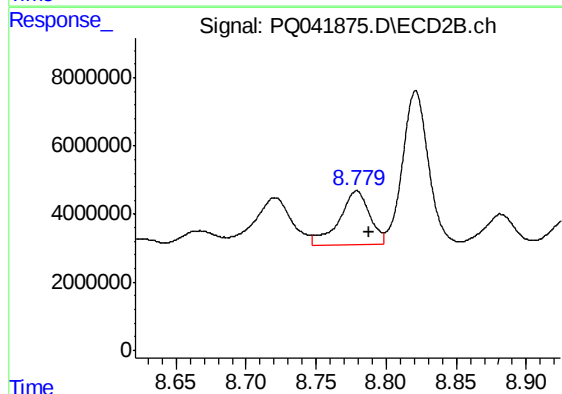
R.T.: 8.282 min
Delta R.T.: -0.007 min
Response: 96797868
Conc: 454.93 ng/ml



#34 AR-1260-4

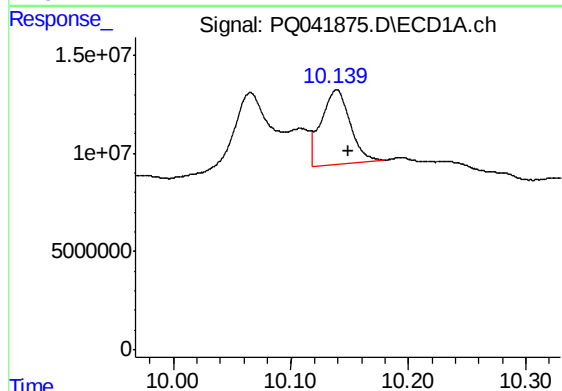
R.T.: 9.782 min
Delta R.T.: -0.020 min
Response: 207863733
Conc: 814.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP04



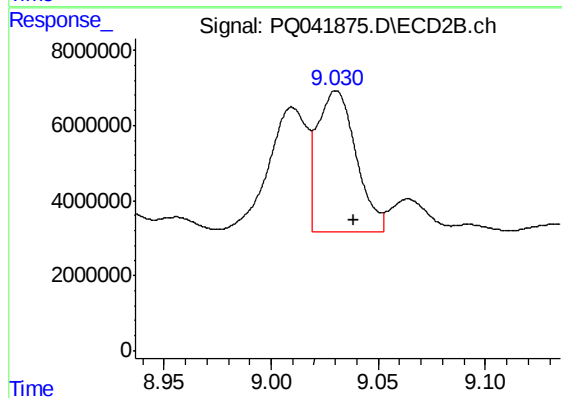
#34 AR-1260-4

R.T.: 8.779 min
Delta R.T.: -0.009 min
Response: 24175477
Conc: 119.51 ng/ml



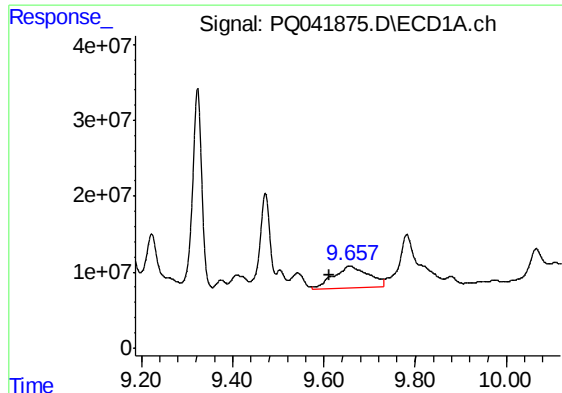
#35 AR-1260-5

R.T.: 10.139 min
Delta R.T.: -0.010 min
Response: 64302858
Conc: 95.46 ng/ml



#35 AR-1260-5

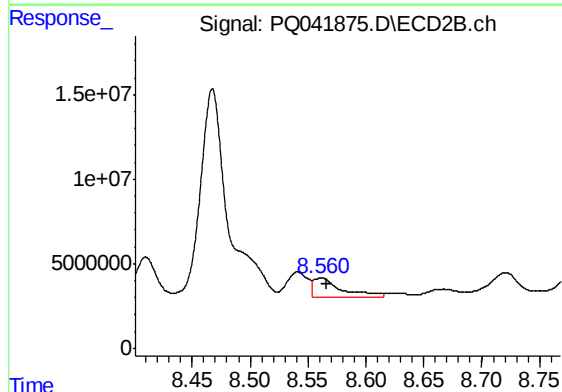
R.T.: 9.030 min
Delta R.T.: -0.008 min
Response: 47233629
Conc: 80.03 ng/ml



#36 AR-1262-1

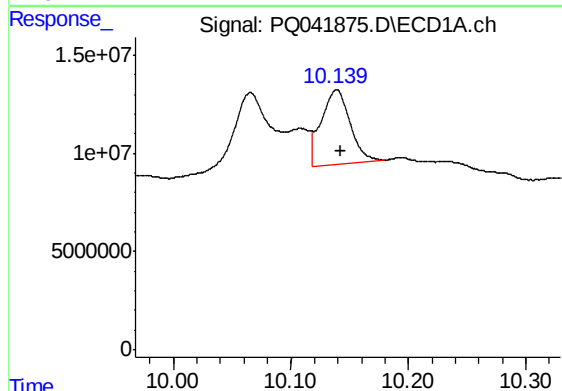
R.T.: 9.656 min
Delta R.T.: 0.044 min
Response: 153254813
Conc: 997.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP04



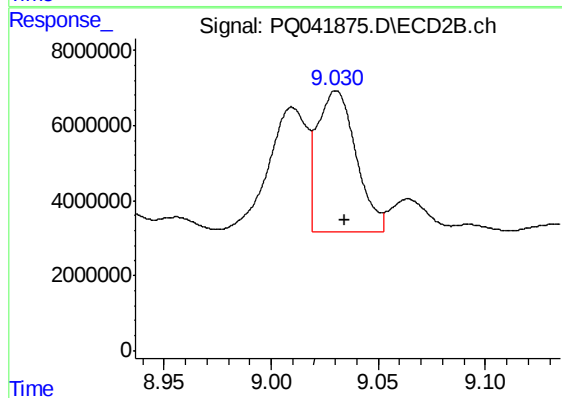
#36 AR-1262-1

R.T.: 8.561 min
Delta R.T.: -0.005 min
Response: 18775704
Conc: 130.87 ng/ml



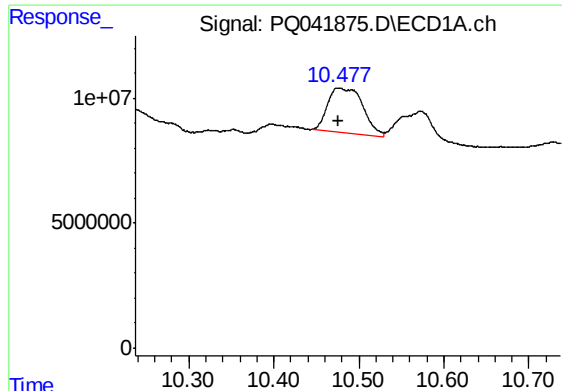
#37 AR-1262-2

R.T.: 10.139 min
Delta R.T.: -0.003 min
Response: 64302858
Conc: 73.45 ng/ml



#37 AR-1262-2

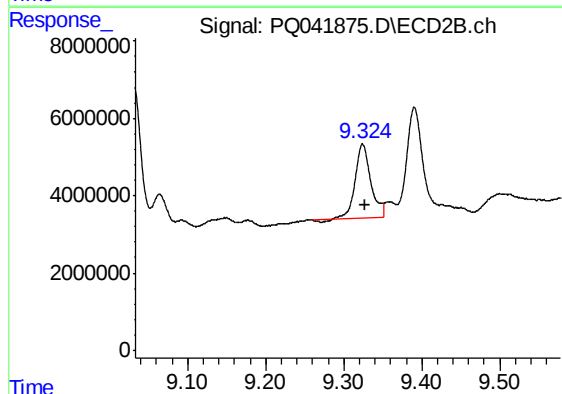
R.T.: 9.030 min
Delta R.T.: -0.004 min
Response: 47233629
Conc: 63.74 ng/ml



#38 AR-1262-3

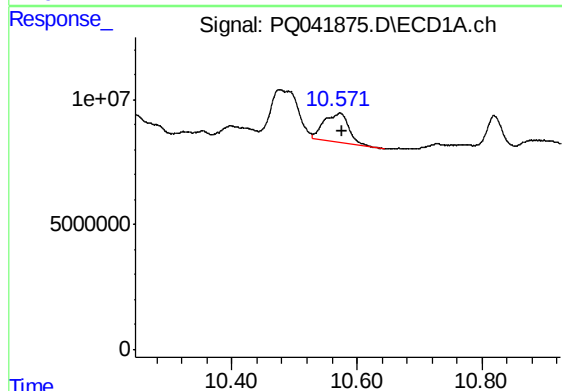
R.T.: 10.476 min
Delta R.T.: 0.000 min
Response: 52133031
Conc: 82.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP04



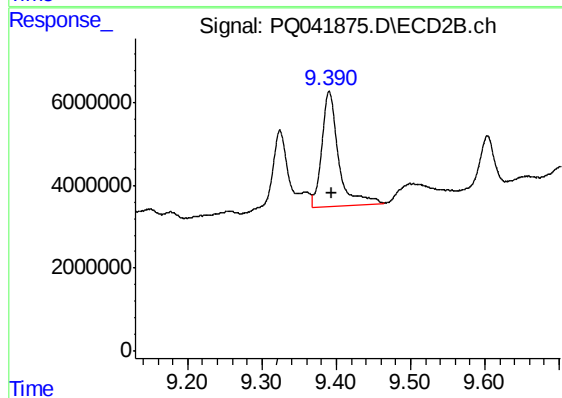
#38 AR-1262-3

R.T.: 9.324 min
Delta R.T.: -0.004 min
Response: 26176636
Conc: 82.74 ng/ml



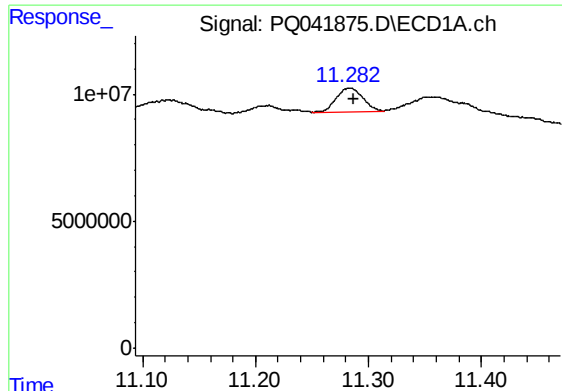
#39 AR-1262-4

R.T.: 10.572 min
Delta R.T.: -0.004 min
Response: 32217206
Conc: 64.34 ng/ml



#39 AR-1262-4

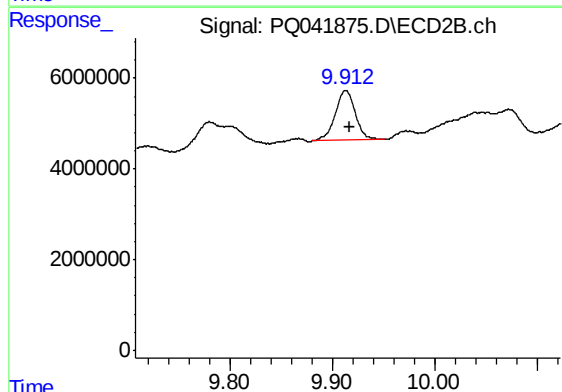
R.T.: 9.390 min
Delta R.T.: -0.004 min
Response: 43222401
Conc: 76.86 ng/ml



#40 AR-1262-5

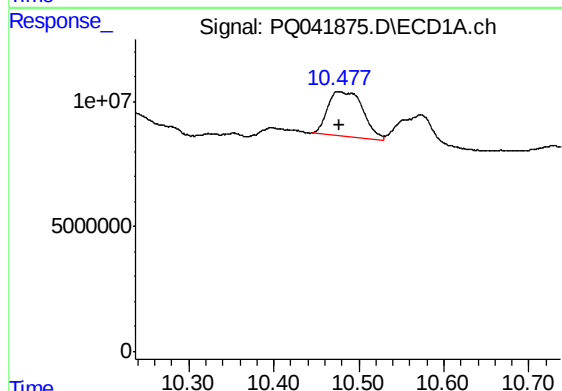
R.T.: 11.283 min
Delta R.T.: -0.003 min
Response: 15132354
Conc: 37.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP04



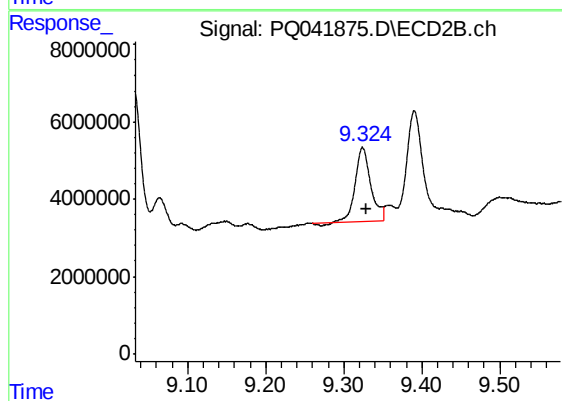
#40 AR-1262-5

R.T.: 9.913 min
Delta R.T.: -0.004 min
Response: 15126427
Conc: 52.96 ng/ml



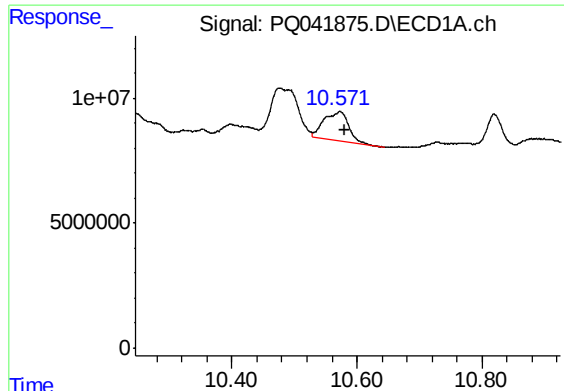
#41 AR-1268-1

R.T.: 10.476 min
Delta R.T.: -0.002 min
Response: 52133031
Conc: 36.60 ng/ml



#41 AR-1268-1

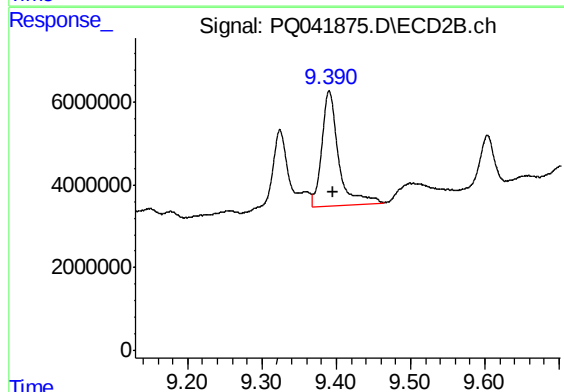
R.T.: 9.324 min
Delta R.T.: -0.004 min
Response: 26176636
Conc: 22.90 ng/ml



#42 AR-1268-2

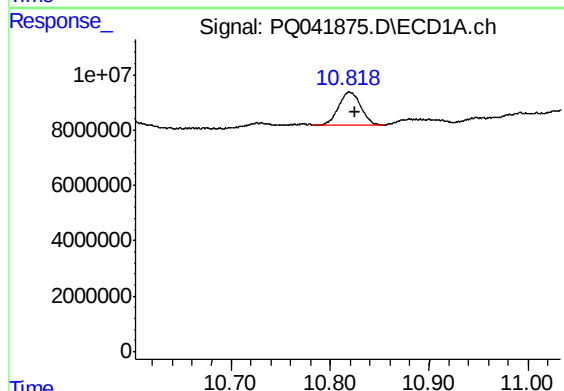
R.T.: 10.572 min
Delta R.T.: -0.009 min
Response: 32217206
Conc: 24.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP04



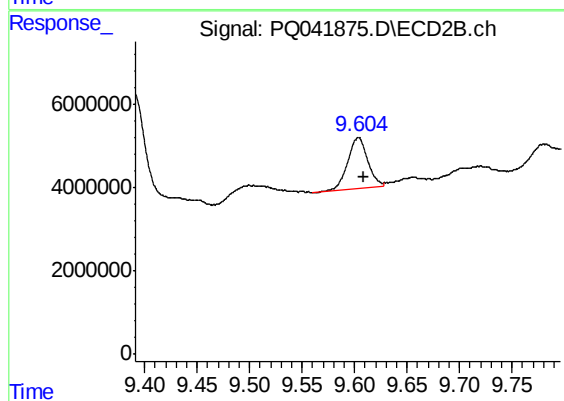
#42 AR-1268-2

R.T.: 9.390 min
Delta R.T.: -0.005 min
Response: 43222401
Conc: 42.10 ng/ml



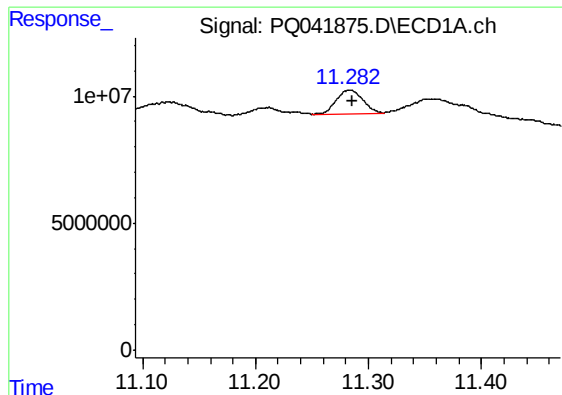
#43 AR-1268-3

R.T.: 10.819 min
Delta R.T.: -0.006 min
Response: 18461825
Conc: 15.78 ng/ml



#43 AR-1268-3

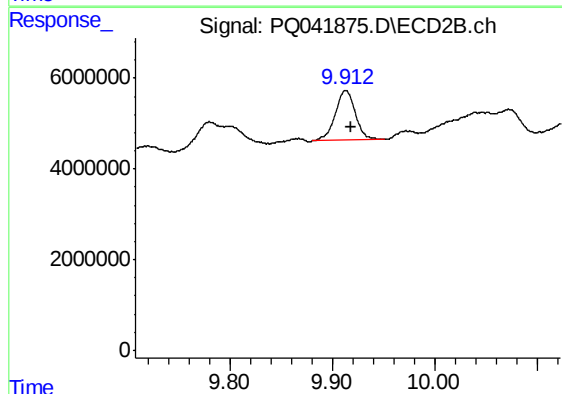
R.T.: 9.604 min
Delta R.T.: -0.006 min
Response: 16269554
Conc: 18.72 ng/ml



#44 AR-1268-4

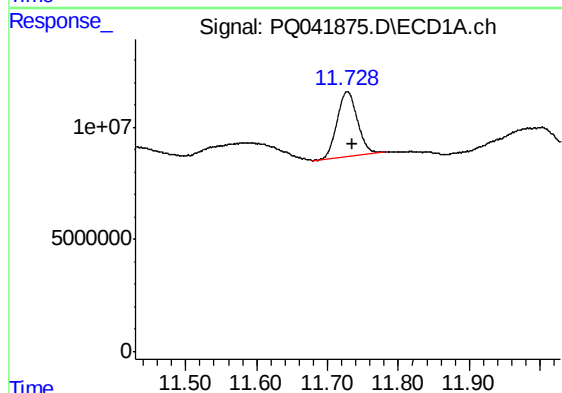
R.T.: 11.283 min
Delta R.T.: -0.003 min
Response: 15132354
Conc: 27.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP04



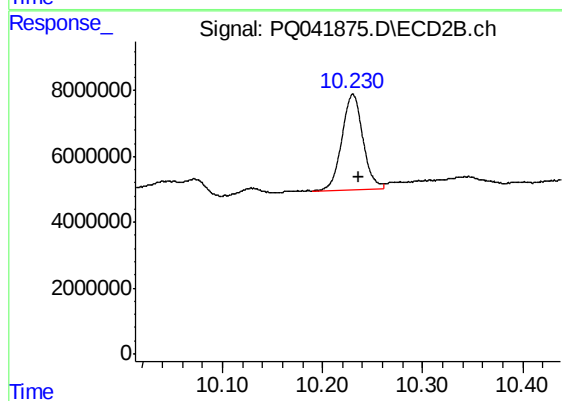
#44 AR-1268-4

R.T.: 9.913 min
Delta R.T.: -0.005 min
Response: 15126427
Conc: 39.32 ng/ml



#45 AR-1268-5

R.T.: 11.728 min
Delta R.T.: -0.007 min
Response: 57064863
Conc: 14.08 ng/ml



#45 AR-1268-5

R.T.: 10.230 min
Delta R.T.: -0.006 min
Response: 42517119
Conc: 16.37 ng/ml