

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
 Data File : PQ041868.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2019 16:25
 Operator : SM\AJ
 Sample : K3962-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BEP33

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 04:16:58 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	38645452	32129037	16.851	16.671
2)	SA Decachlor...	12.093	10.509	236.3E6	145.9E6	28.031	30.171
Target Compounds							
3)	L1 AR-1016-1	7.142	6.207	66035255	58223893	610.962	561.090
4)	L1 AR-1016-2	7.167	6.230	105.5E6	89614801	673.698	625.499
5)	L1 AR-1016-3	7.238	6.443	43430907	39818217	449.000	533.957
6)	L1 AR-1016-4	7.351	6.498	43198142	48523453	553.721	782.506 #
7)	L1 AR-1016-5	7.684	6.750	68194969	63625095	867.508	781.603
9)	L2 AR-1221-2	0.000	5.178	0	2679138	N.D.	167.764 #
10)	L2 AR-1221-3	0.000	5.283	0	7892235	N.D.	144.727 #
11)	L3 AR-1232-1	0.000	5.283	0	7892235	N.D.	163.442 #
12)	L3 AR-1232-2	6.825	6.230	29477112	89614801	897.141	1571.423 #
13)	L3 AR-1232-3	7.167	6.443	105.5E6	39818217	1579.493	1335.307
14)	L3 AR-1232-4	7.351	6.546	43198142	55015636	1346.717	2060.766 #
15)	L3 AR-1232-5	7.456	6.750	53931582	63625095	2509.581	2169.569
16)	L4 AR-1242-1	7.142	6.207	66035255	58223893	738.244	711.438
17)	L4 AR-1242-2	7.167	6.230	105.5E6	89614801	820.058	793.488
18)	L4 AR-1242-3	7.238	6.443	43430907	39818217	535.613	674.055 #
19)	L4 AR-1242-4	7.351	6.546	43198142	55015636	671.951	927.793 #
20)	L4 AR-1242-5	8.173	7.159	88904511	92435059	1002.014	1041.003
21)	L5 AR-1248-1	7.142	6.207	66035255	58223893	890.730	878.137
22)	L5 AR-1248-2	7.456	6.498	53931582	48523453	584.541	556.540
23)	L5 AR-1248-3	7.684	6.546	68194969	55015636	608.659	616.382
24)	L5 AR-1248-4	8.132	6.750	80753630	63625095	516.465	577.667
25)	L5 AR-1248-5	8.173	7.205	88904511	76773670	587.514	598.977
26)	L6 AR-1254-1	8.101	7.159	61462166	92435059	441.809	505.428
27)	L6 AR-1254-2	8.343	7.327	83540964	29005875	364.994	179.191 #
28)	L6 AR-1254-3	8.733	7.774	47078914	44696980	172.181	154.979
29)	L6 AR-1254-4	9.036	8.023	35339600	32680766	143.555	150.552
30)	L6 AR-1254-5	9.474	8.469	14501611	19137489	53.542	63.629
31)	L7 AR-1260-1	8.864	7.913	15194885	15037115	85.420	82.881
32)	L7 AR-1260-2	9.176	8.119	21424857	10842333	84.927	44.194 #
33)	L7 AR-1260-3	0.000	8.283	0	10786149	N.D.	50.692 #
34)	L7 AR-1260-4	0.000	8.780	0	3288330	N.D.	16.256 #
35)	L7 AR-1260-5	10.140	9.032	18887585	11049032	28.040	18.721 #
36)	L8 AR-1262-1	0.000	8.565	0	1714181	N.D.	11.948 #
37)	L8 AR-1262-2	10.140	9.032	18887585	11049032	21.576	14.910 #
38)	L8 AR-1262-3	0.000	9.327	0	9418831	N.D.	29.771 #
39)	L8 AR-1262-4	0.000	9.391	0	16529574	N.D.	29.393 #
40)	L8 AR-1262-5	0.000	9.908	0	9589585	N.D.	33.576 #
41)	L9 AR-1268-1	0.000	9.327	0	9418831	N.D.	8.239 #
42)	L9 AR-1268-2	0.000	9.391	0	16529574	N.D.	16.102 #
43)	L9 AR-1268-3	0.000	9.607	0	3873094	N.D.	4.457 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041868.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2019 16:25
Operator : SM\AJ
Sample : K3962-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

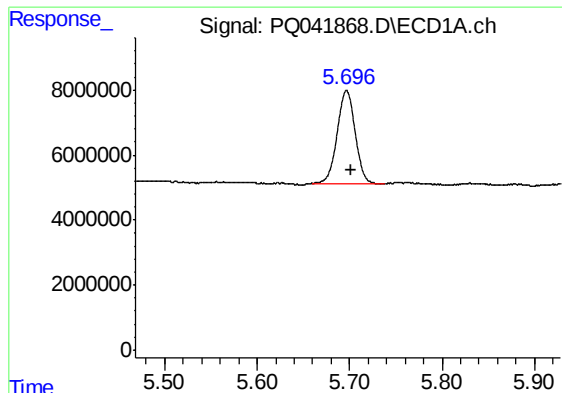
Instrument :
ECD_Q
ClientSampleId :
BEP33

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 04:16:58 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	9.908	0	9589585	N.D.	24.929 #
45)	L9 AR-1268-5	0.000	10.232	0	5760461	N.D.	2.218 #

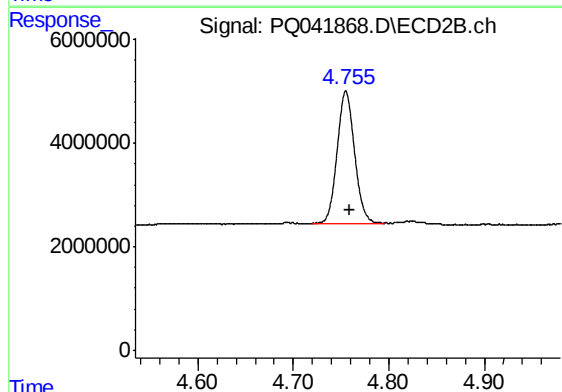
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

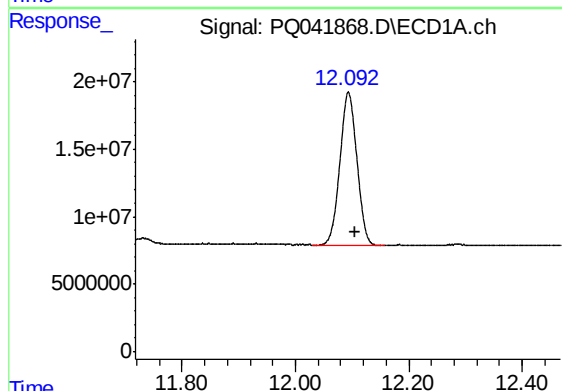
R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 38645452
Conc: 16.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP33



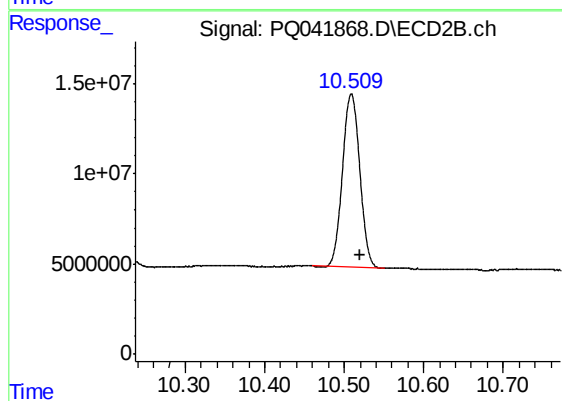
#1 Tetrachloro-m-xylene

R.T.: 4.755 min
Delta R.T.: -0.005 min
Response: 32129037
Conc: 16.67 ng/ml



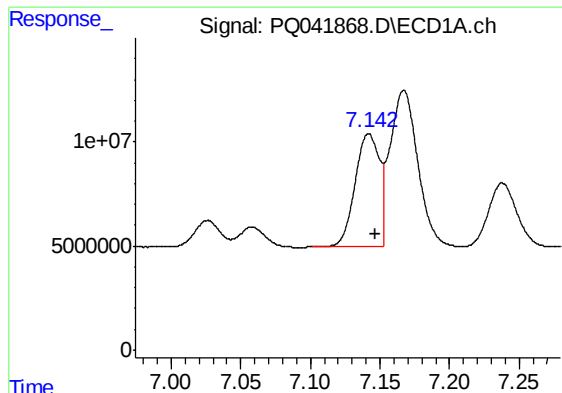
#2 Decachlorobiphenyl

R.T.: 12.093 min
Delta R.T.: -0.012 min
Response: 236339880
Conc: 28.03 ng/ml



#2 Decachlorobiphenyl

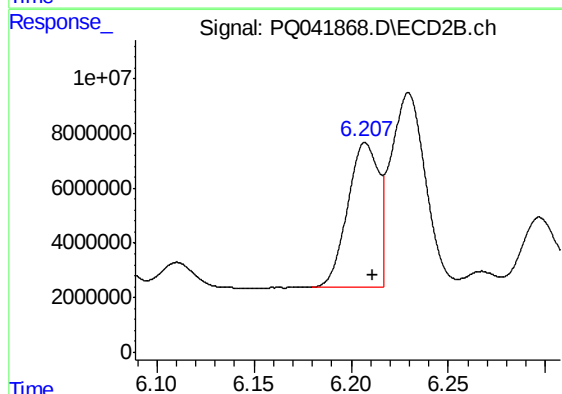
R.T.: 10.509 min
Delta R.T.: -0.011 min
Response: 145946292
Conc: 30.17 ng/ml



#3 AR-1016-1

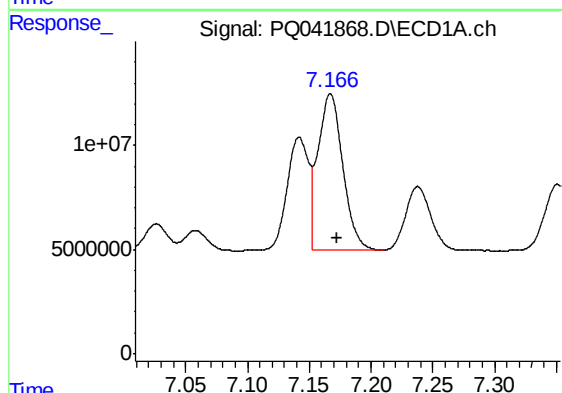
R.T.: 7.142 min
Delta R.T.: -0.005 min
Response: 66035255
Conc: 610.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP33



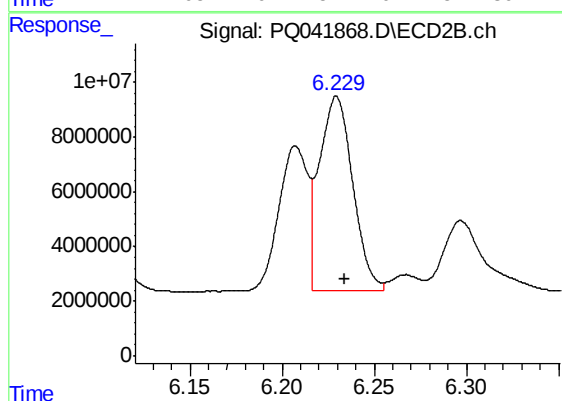
#3 AR-1016-1

R.T.: 6.207 min
Delta R.T.: -0.004 min
Response: 58223893
Conc: 561.09 ng/ml



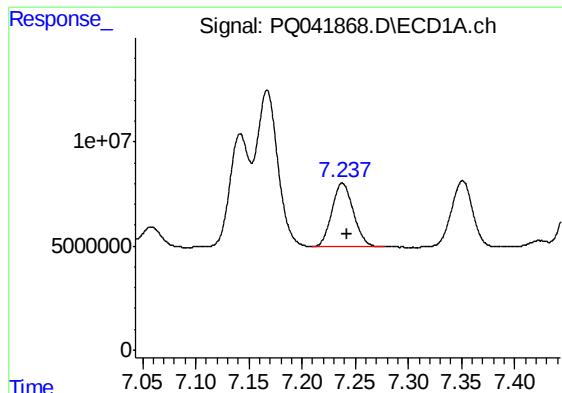
#4 AR-1016-2

R.T.: 7.167 min
Delta R.T.: -0.005 min
Response: 105452382
Conc: 673.70 ng/ml



#4 AR-1016-2

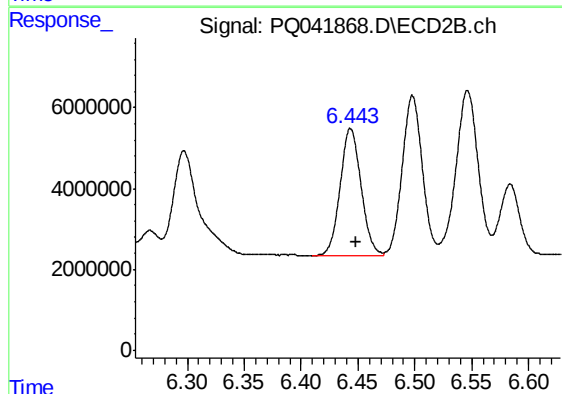
R.T.: 6.230 min
Delta R.T.: -0.004 min
Response: 89614801
Conc: 625.50 ng/ml



#5 AR-1016-3

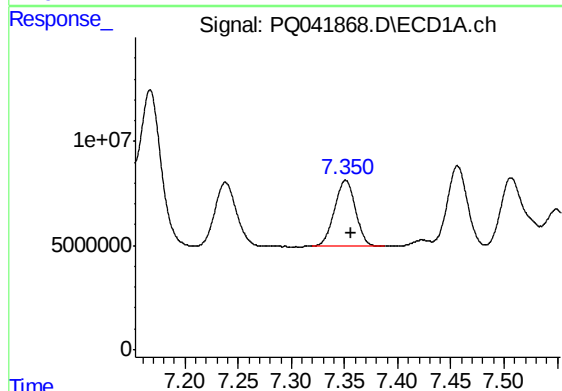
R.T.: 7.238 min
Delta R.T.: -0.005 min
Response: 43430907
Conc: 449.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP33



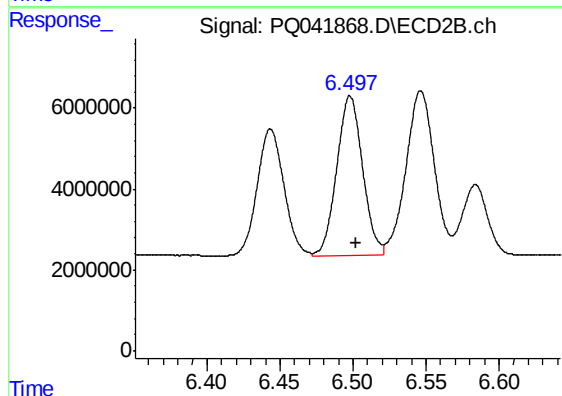
#5 AR-1016-3

R.T.: 6.443 min
Delta R.T.: -0.005 min
Response: 39818217
Conc: 533.96 ng/ml



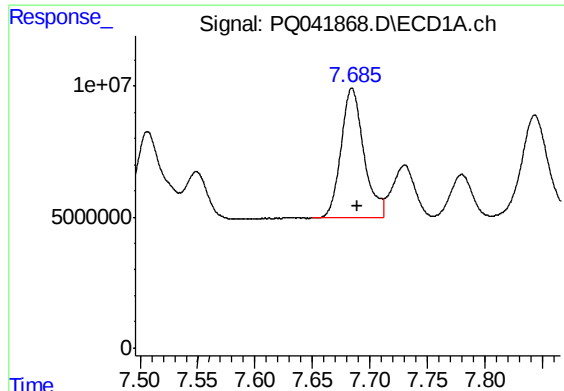
#6 AR-1016-4

R.T.: 7.351 min
Delta R.T.: -0.005 min
Response: 43198142
Conc: 553.72 ng/ml



#6 AR-1016-4

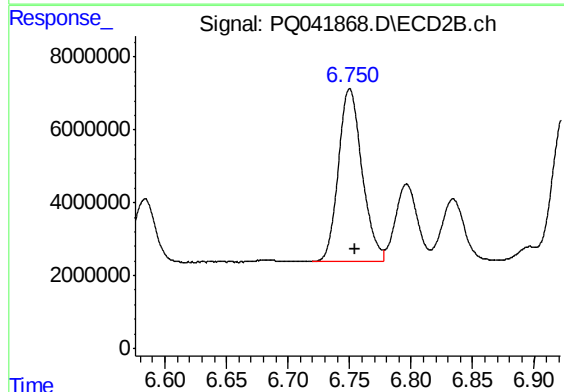
R.T.: 6.498 min
Delta R.T.: -0.004 min
Response: 48523453
Conc: 782.51 ng/ml



#7 AR-1016-5

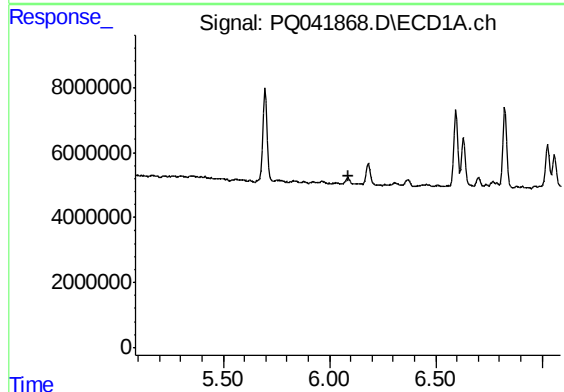
R.T.: 7.684 min
Delta R.T.: -0.005 min
Response: 68194969
Conc: 867.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP33



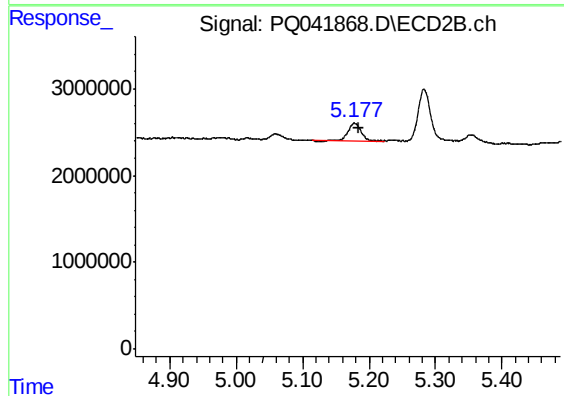
#7 AR-1016-5

R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 63625095
Conc: 781.60 ng/ml



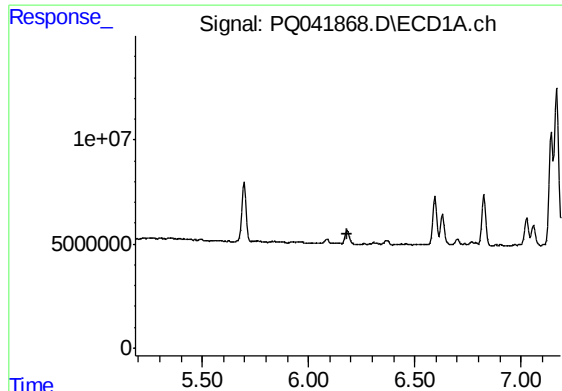
#9 AR-1221-2

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



#9 AR-1221-2

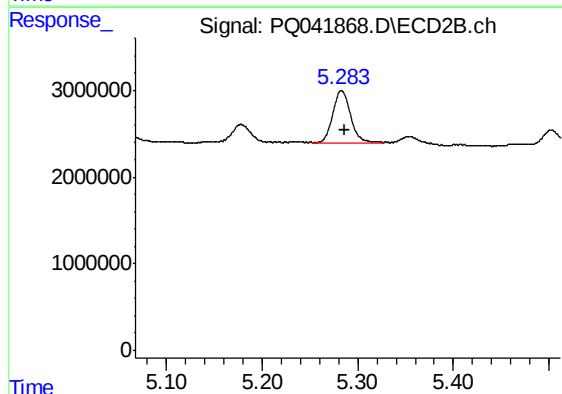
R.T.: 5.178 min
Delta R.T.: -0.008 min
Response: 2679138
Conc: 167.76 ng/ml



#10 AR-1221-3

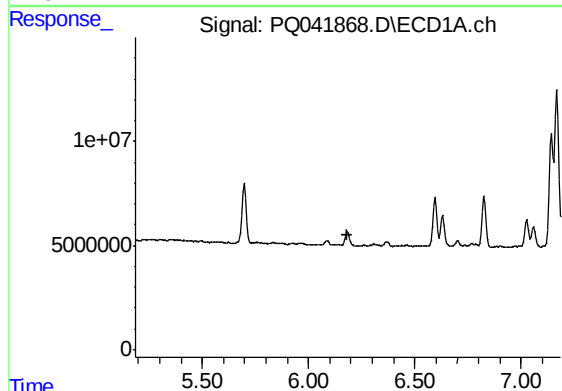
R.T.: 0.000 min
Exp R.T. : 6.186 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEP33



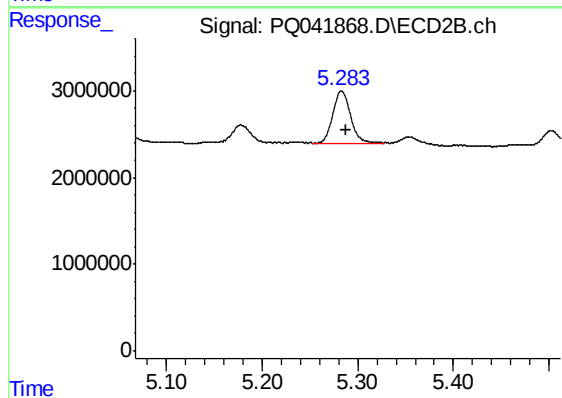
#10 AR-1221-3

R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 7892235
Conc: 144.73 ng/ml



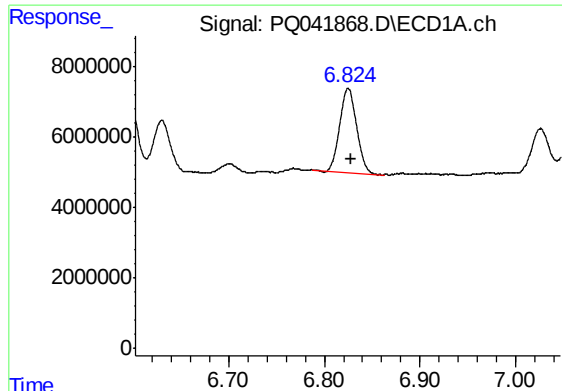
#11 AR-1232-1

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



#11 AR-1232-1

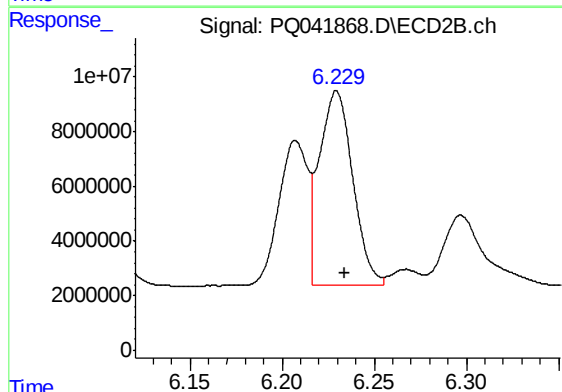
R.T.: 5.283 min
Delta R.T.: -0.005 min
Response: 7892235
Conc: 163.44 ng/ml



#12 AR-1232-2

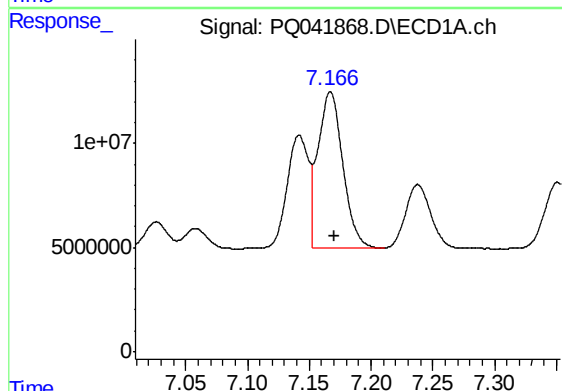
R.T.: 6.825 min
Delta R.T.: -0.003 min
Response: 29477112
Conc: 897.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP33



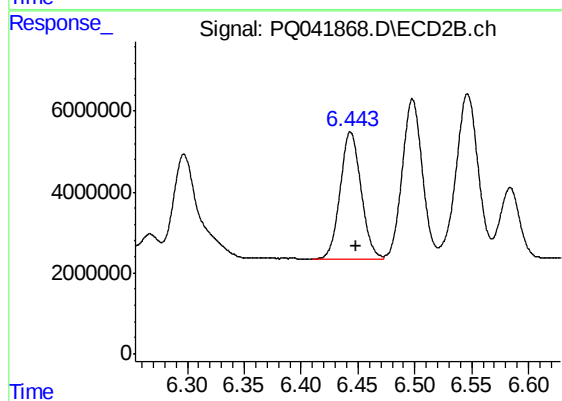
#12 AR-1232-2

R.T.: 6.230 min
Delta R.T.: -0.004 min
Response: 89614801
Conc: 1571.42 ng/ml



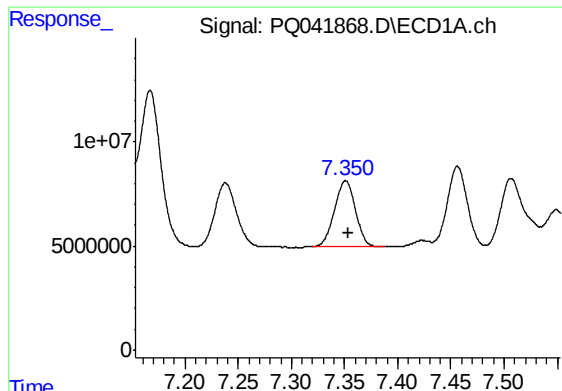
#13 AR-1232-3

R.T.: 7.167 min
Delta R.T.: -0.003 min
Response: 105452382
Conc: 1579.49 ng/ml



#13 AR-1232-3

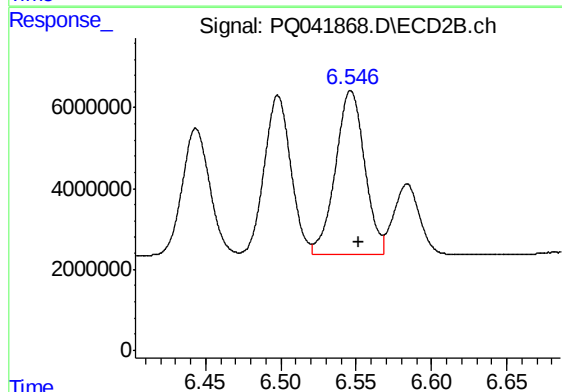
R.T.: 6.443 min
Delta R.T.: -0.005 min
Response: 39818217
Conc: 1335.31 ng/ml



#14 AR-1232-4

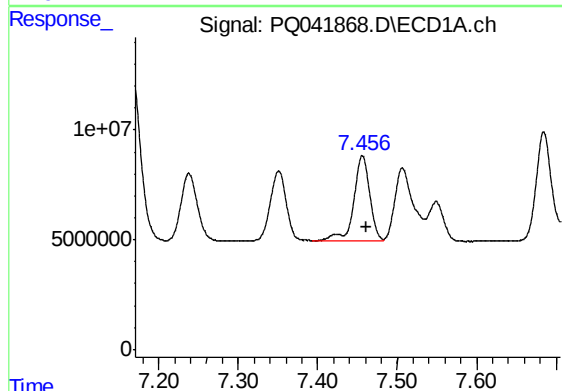
R.T.: 7.351 min
Delta R.T.: -0.003 min
Response: 43198142
Conc: 1346.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP33



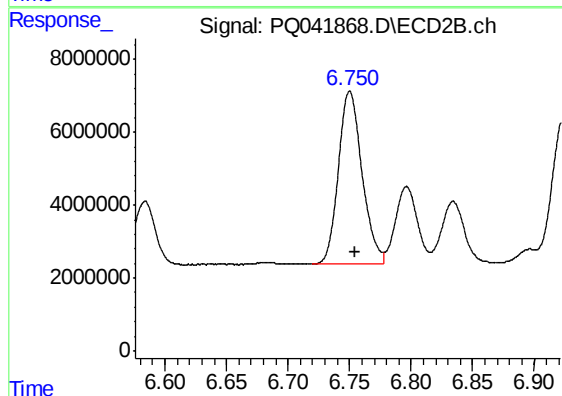
#14 AR-1232-4

R.T.: 6.546 min
Delta R.T.: -0.005 min
Response: 55015636
Conc: 2060.77 ng/ml



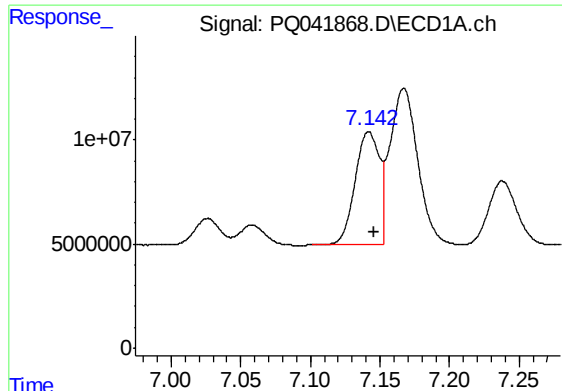
#15 AR-1232-5

R.T.: 7.456 min
Delta R.T.: -0.005 min
Response: 53931582
Conc: 2509.58 ng/ml



#15 AR-1232-5

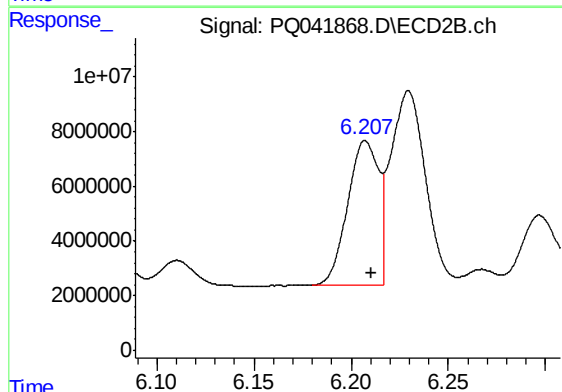
R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 63625095
Conc: 2169.57 ng/ml



#16 AR-1242-1

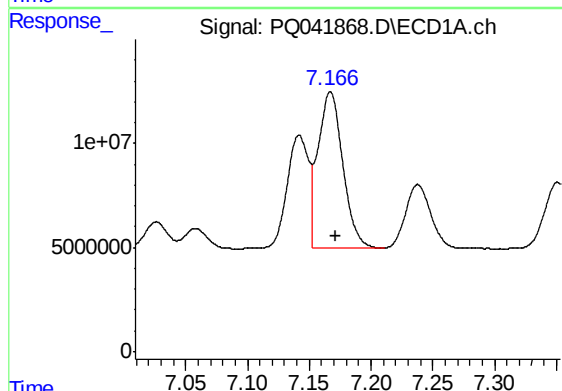
R.T.: 7.142 min
Delta R.T.: -0.004 min
Response: 66035255
Conc: 738.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP33



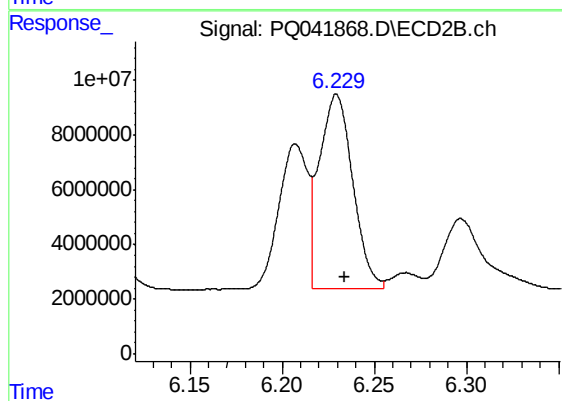
#16 AR-1242-1

R.T.: 6.207 min
Delta R.T.: -0.003 min
Response: 58223893
Conc: 711.44 ng/ml



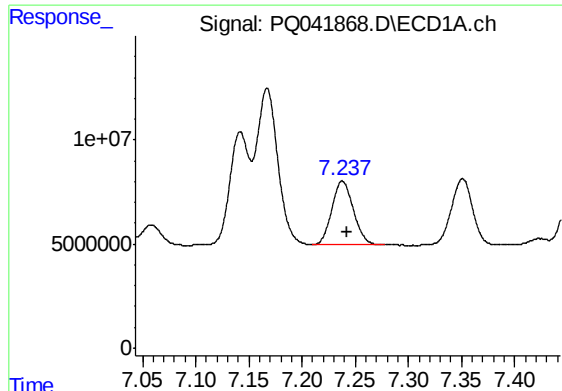
#17 AR-1242-2

R.T.: 7.167 min
Delta R.T.: -0.004 min
Response: 105452382
Conc: 820.06 ng/ml



#17 AR-1242-2

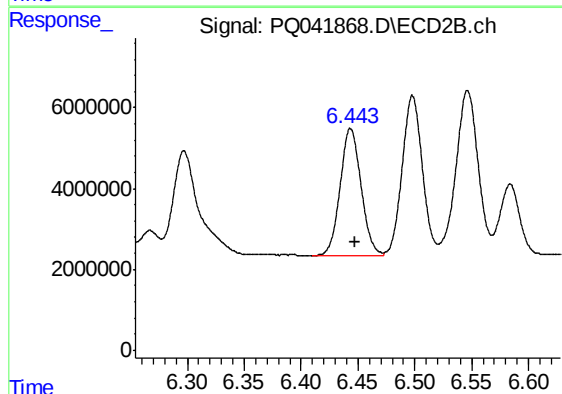
R.T.: 6.230 min
Delta R.T.: -0.004 min
Response: 89614801
Conc: 793.49 ng/ml



#18 AR-1242-3

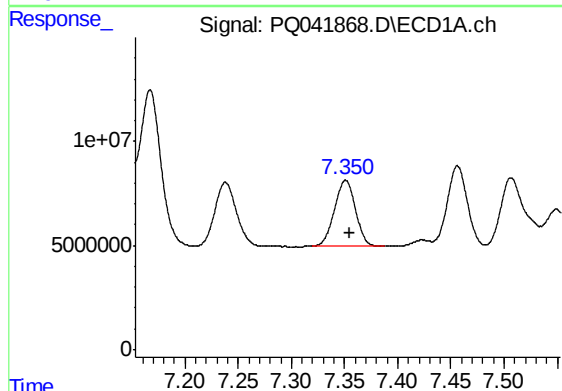
R.T.: 7.238 min
Delta R.T.: -0.004 min
Response: 43430907
Conc: 535.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP33



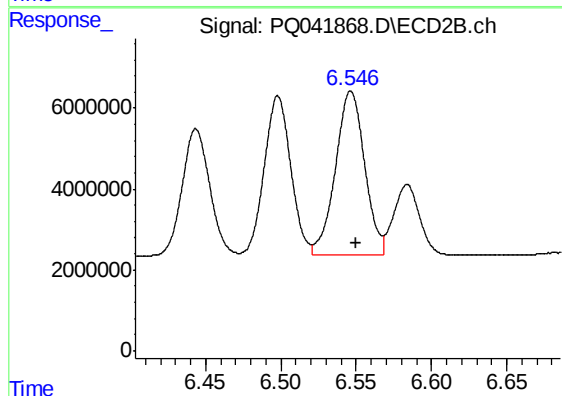
#18 AR-1242-3

R.T.: 6.443 min
Delta R.T.: -0.004 min
Response: 39818217
Conc: 674.05 ng/ml



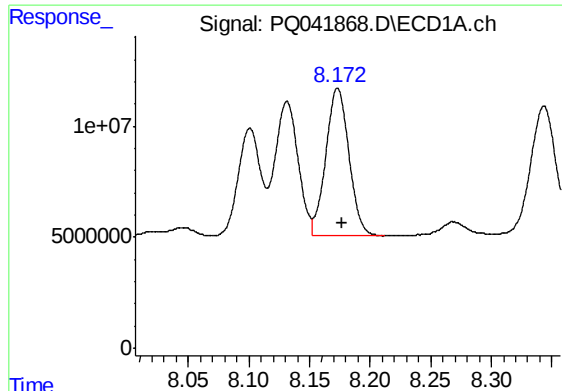
#19 AR-1242-4

R.T.: 7.351 min
Delta R.T.: -0.004 min
Response: 43198142
Conc: 671.95 ng/ml



#19 AR-1242-4

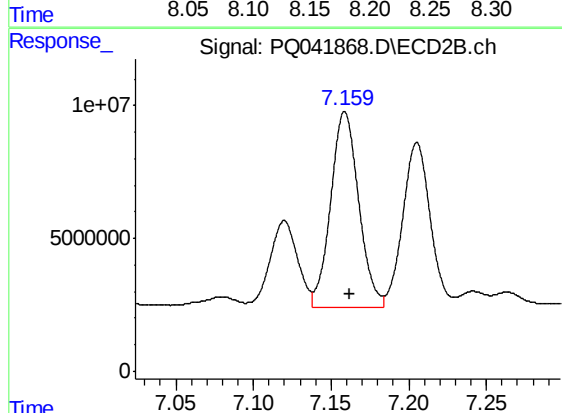
R.T.: 6.546 min
Delta R.T.: -0.004 min
Response: 55015636
Conc: 927.79 ng/ml



#20 AR-1242-5

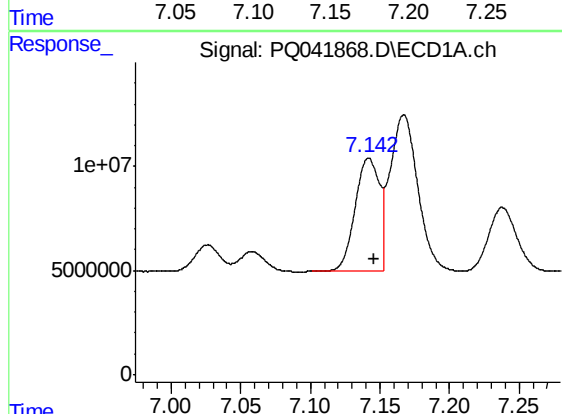
R.T.: 8.173 min
Delta R.T.: -0.004 min
Response: 88904511
Conc: 1002.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP33



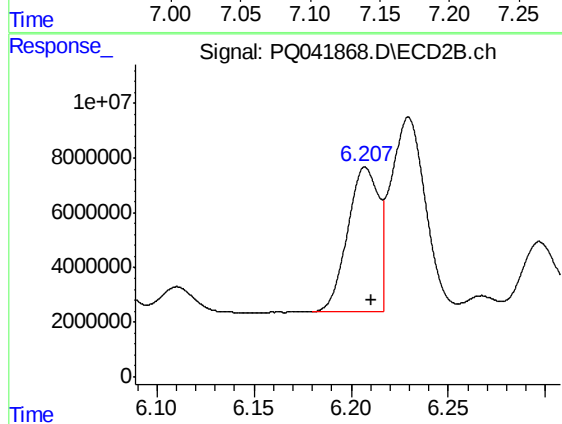
#20 AR-1242-5

R.T.: 7.159 min
Delta R.T.: -0.003 min
Response: 92435059
Conc: 1041.00 ng/ml



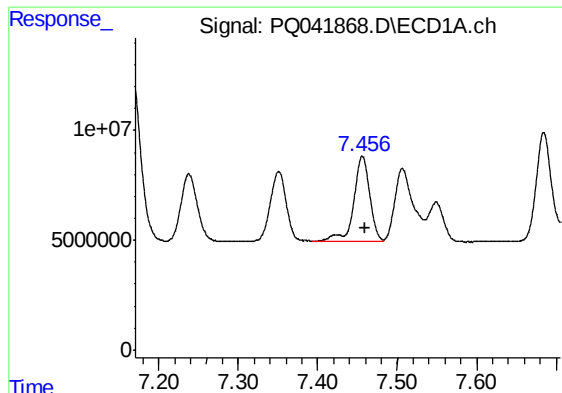
#21 AR-1248-1

R.T.: 7.142 min
Delta R.T.: -0.004 min
Response: 66035255
Conc: 890.73 ng/ml



#21 AR-1248-1

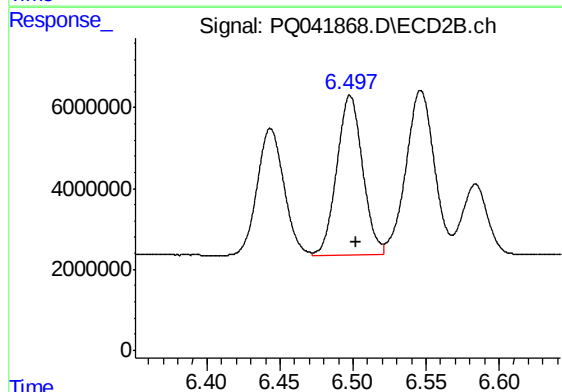
R.T.: 6.207 min
Delta R.T.: -0.003 min
Response: 58223893
Conc: 878.14 ng/ml



#22 AR-1248-2

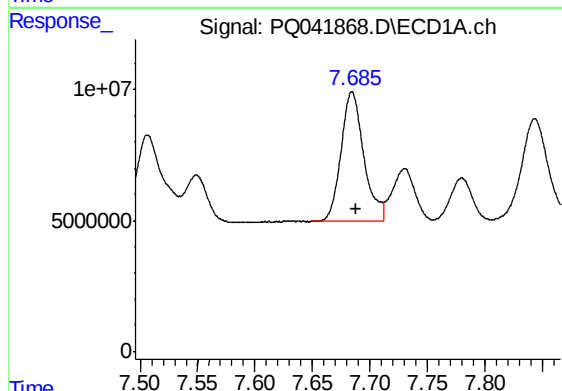
R.T.: 7.456 min
Delta R.T.: -0.004 min
Response: 53931582
Conc: 584.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP33



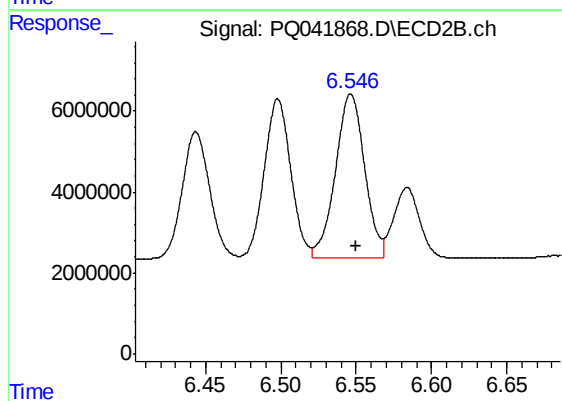
#22 AR-1248-2

R.T.: 6.498 min
Delta R.T.: -0.004 min
Response: 48523453
Conc: 556.54 ng/ml



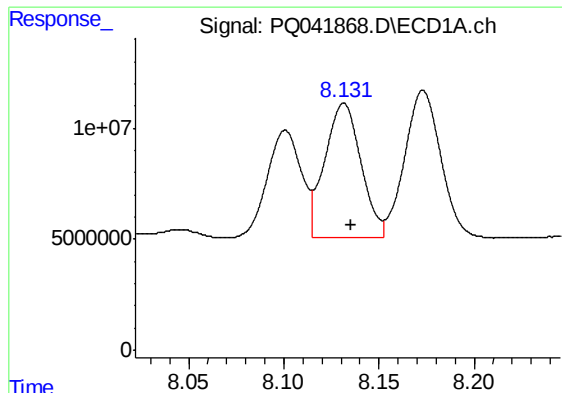
#23 AR-1248-3

R.T.: 7.684 min
Delta R.T.: -0.003 min
Response: 68194969
Conc: 608.66 ng/ml



#23 AR-1248-3

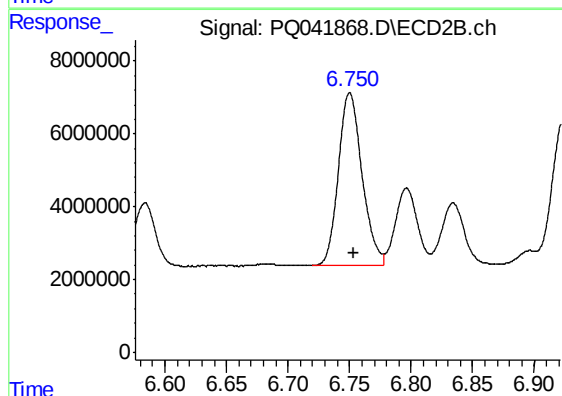
R.T.: 6.546 min
Delta R.T.: -0.004 min
Response: 55015636
Conc: 616.38 ng/ml



#24 AR-1248-4

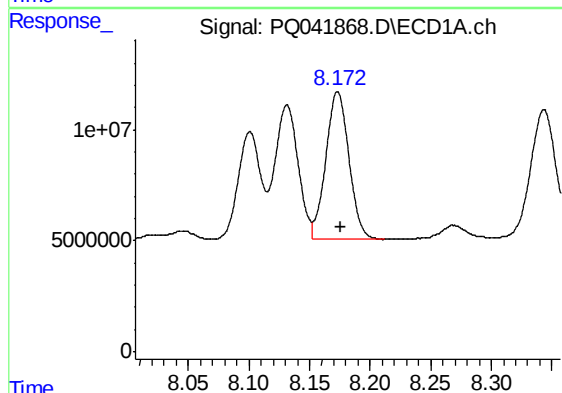
R.T.: 8.132 min
Delta R.T.: -0.004 min
Response: 80753630
Conc: 516.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP33



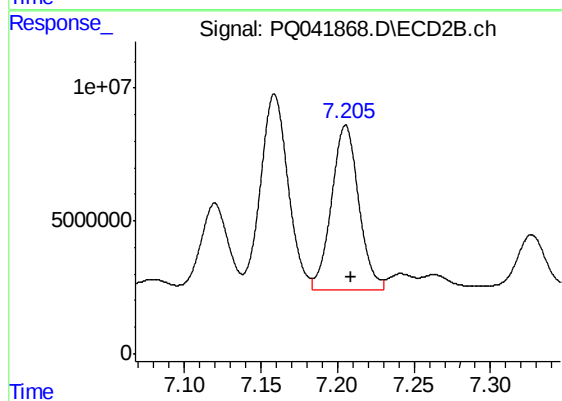
#24 AR-1248-4

R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 63625095
Conc: 577.67 ng/ml



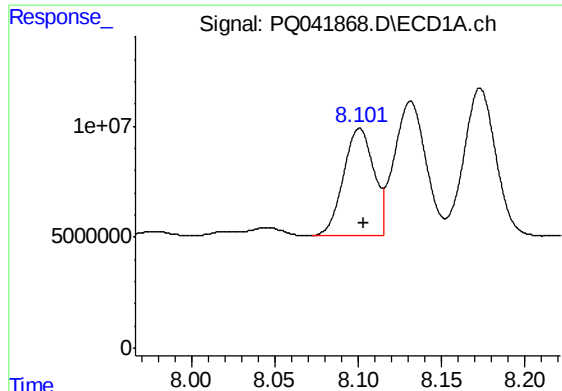
#25 AR-1248-5

R.T.: 8.173 min
Delta R.T.: -0.003 min
Response: 88904511
Conc: 587.51 ng/ml



#25 AR-1248-5

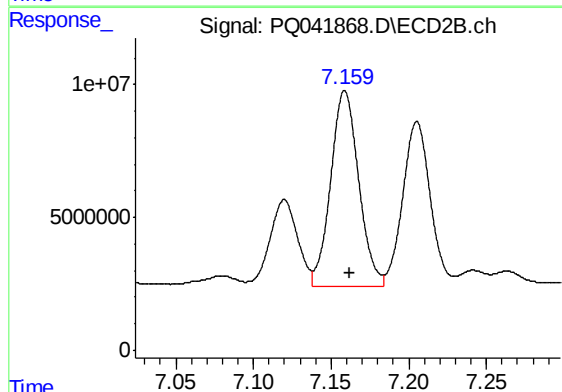
R.T.: 7.205 min
Delta R.T.: -0.004 min
Response: 76773670
Conc: 598.98 ng/ml



#26 AR-1254-1

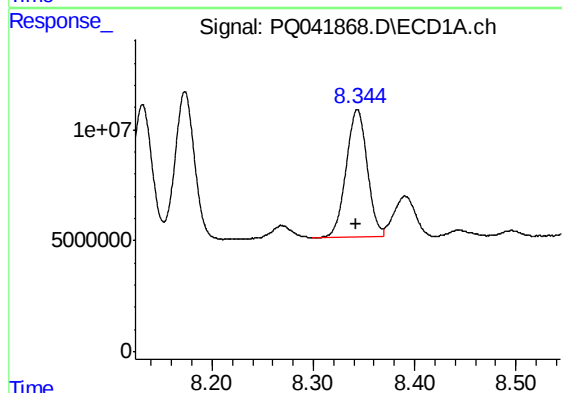
R.T.: 8.101 min
Delta R.T.: -0.003 min
Response: 61462166
Conc: 441.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP33



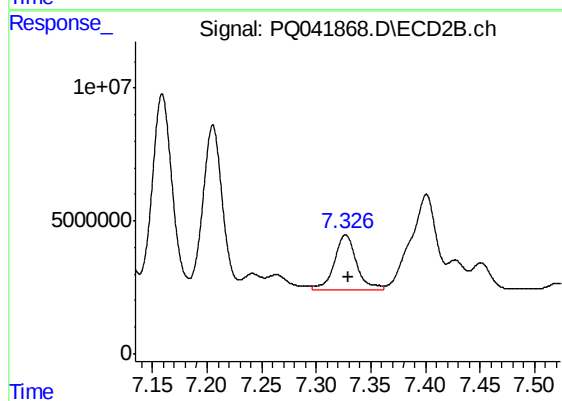
#26 AR-1254-1

R.T.: 7.159 min
Delta R.T.: -0.004 min
Response: 92435059
Conc: 505.43 ng/ml



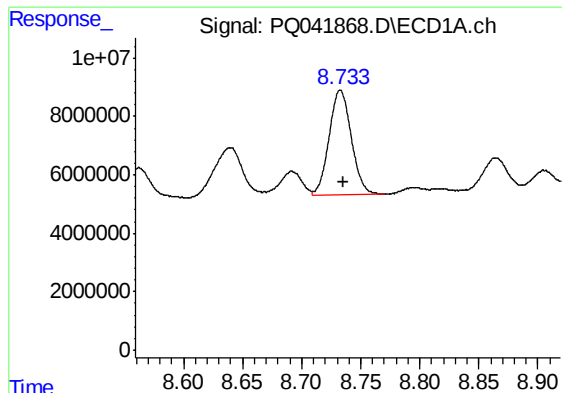
#27 AR-1254-2

R.T.: 8.343 min
Delta R.T.: 0.001 min
Response: 83540964
Conc: 364.99 ng/ml



#27 AR-1254-2

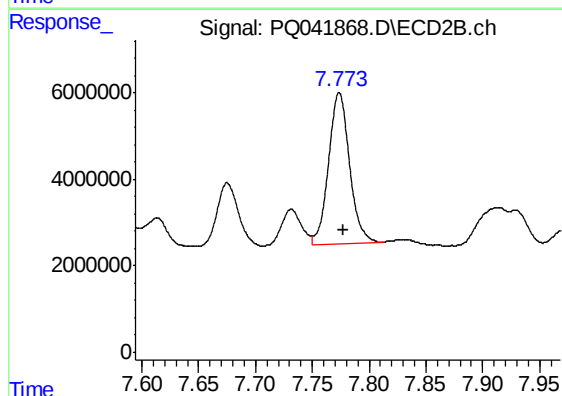
R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 29005875
Conc: 179.19 ng/ml



#28 AR-1254-3

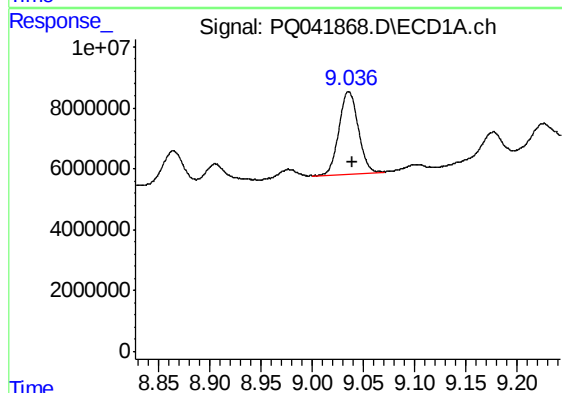
R.T.: 8.733 min
Delta R.T.: -0.003 min
Response: 47078914
Conc: 172.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP33



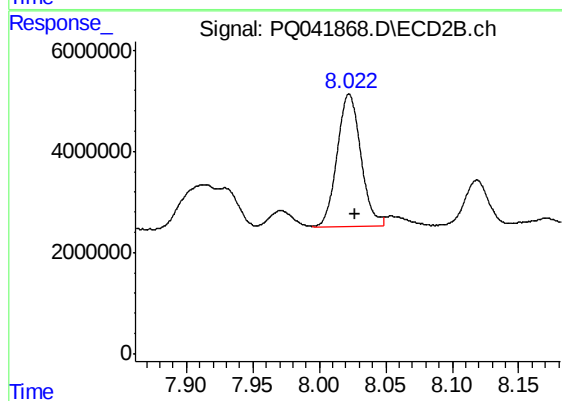
#28 AR-1254-3

R.T.: 7.774 min
Delta R.T.: -0.004 min
Response: 44696980
Conc: 154.98 ng/ml



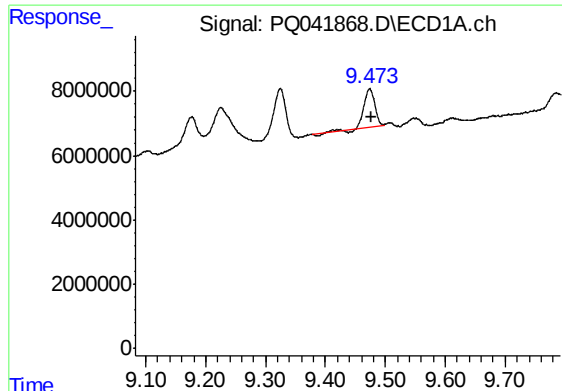
#29 AR-1254-4

R.T.: 9.036 min
Delta R.T.: -0.003 min
Response: 35339600
Conc: 143.55 ng/ml



#29 AR-1254-4

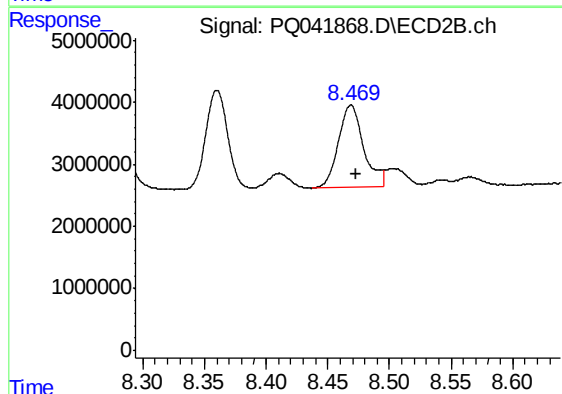
R.T.: 8.023 min
Delta R.T.: -0.004 min
Response: 32680766
Conc: 150.55 ng/ml



#30 AR-1254-5

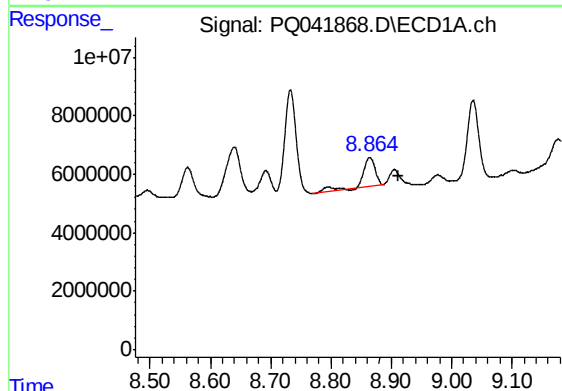
R.T.: 9.474 min
Delta R.T.: -0.003 min
Response: 14501611
Conc: 53.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP33



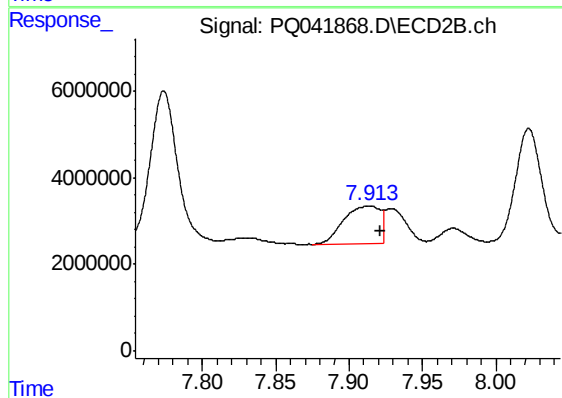
#30 AR-1254-5

R.T.: 8.469 min
Delta R.T.: -0.004 min
Response: 19137489
Conc: 63.63 ng/ml



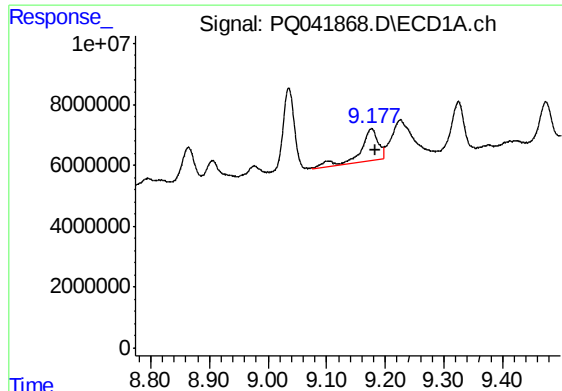
#31 AR-1260-1

R.T.: 8.864 min
Delta R.T.: -0.047 min
Response: 15194885
Conc: 85.42 ng/ml



#31 AR-1260-1

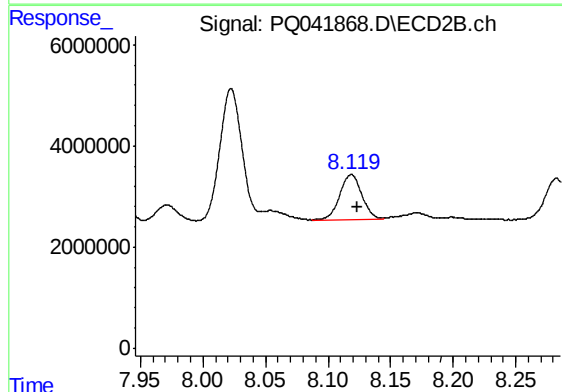
R.T.: 7.913 min
Delta R.T.: -0.008 min
Response: 15037115
Conc: 82.88 ng/ml



#32 AR-1260-2

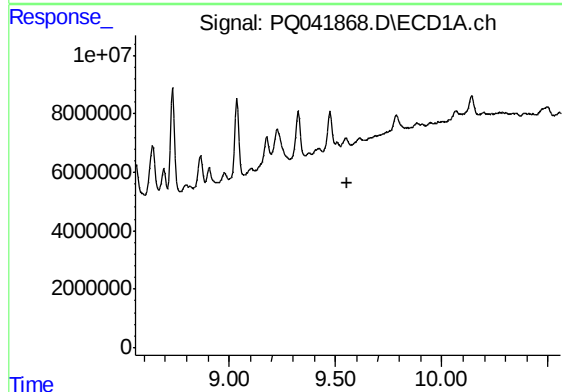
R.T.: 9.176 min
Delta R.T.: -0.006 min
Response: 21424857
Conc: 84.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP33



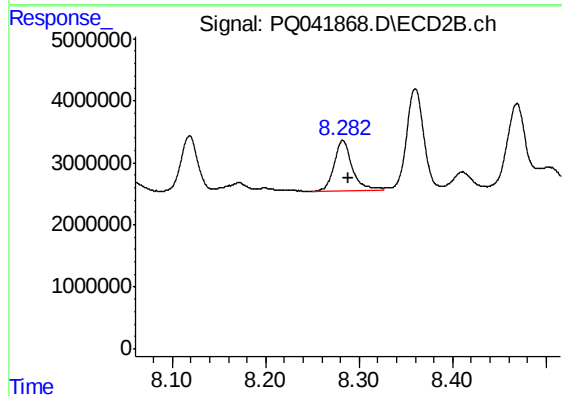
#32 AR-1260-2

R.T.: 8.119 min
Delta R.T.: -0.004 min
Response: 10842333
Conc: 44.19 ng/ml



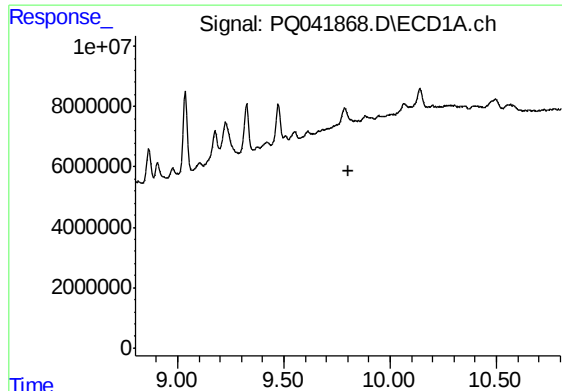
#33 AR-1260-3

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



#33 AR-1260-3

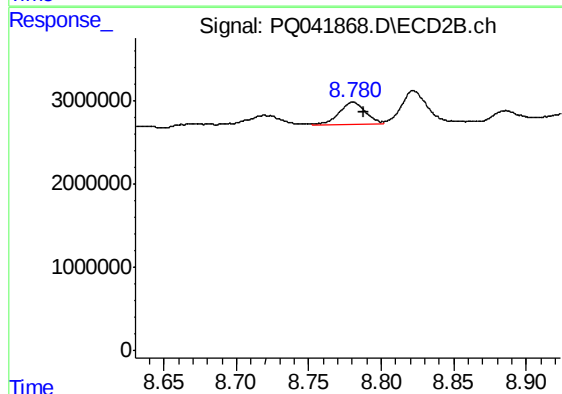
R.T.: 8.283 min
Delta R.T.: -0.006 min
Response: 10786149
Conc: 50.69 ng/ml



#34 AR-1260-4

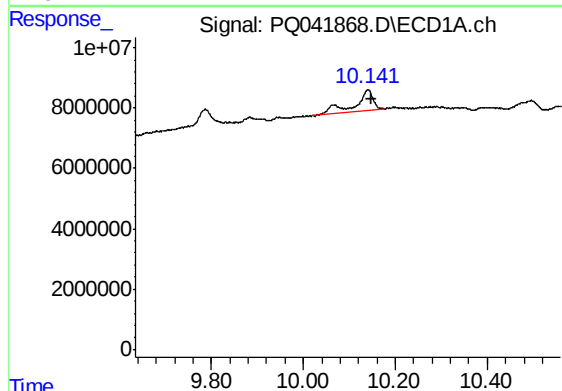
R.T.: 0.000 min
Exp R.T.: 9.802 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEP33



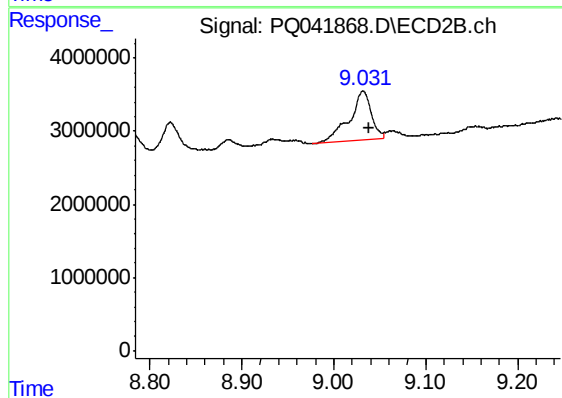
#34 AR-1260-4

R.T.: 8.780 min
Delta R.T.: -0.007 min
Response: 3288330
Conc: 16.26 ng/ml



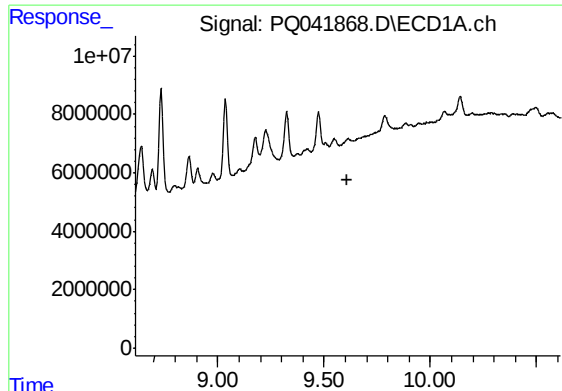
#35 AR-1260-5

R.T.: 10.140 min
Delta R.T.: -0.009 min
Response: 18887585
Conc: 28.04 ng/ml



#35 AR-1260-5

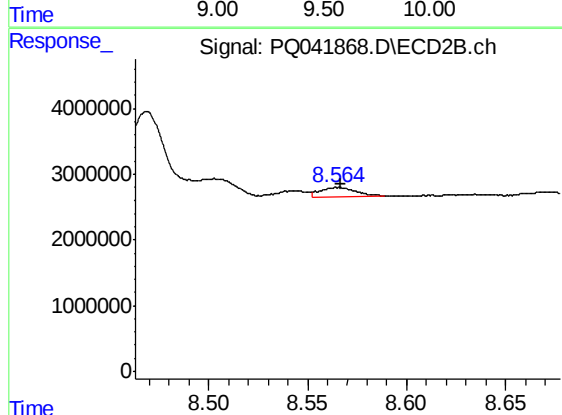
R.T.: 9.032 min
Delta R.T.: -0.007 min
Response: 11049032
Conc: 18.72 ng/ml



#36 AR-1262-1

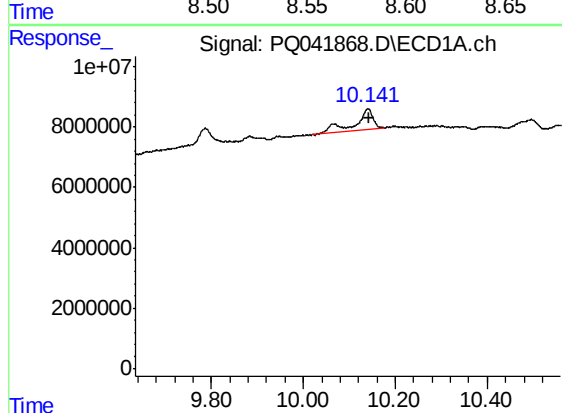
R.T.: 0.000 min
Exp R.T.: 9.613 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEP33



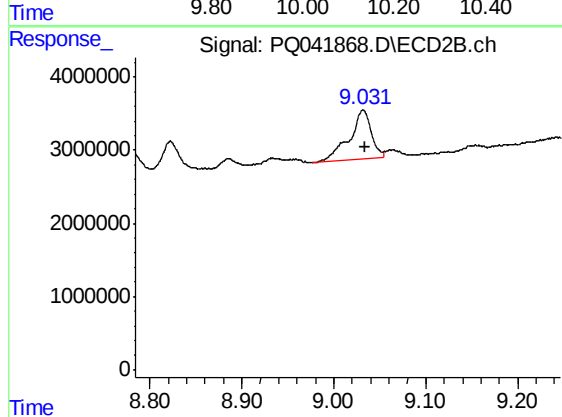
#36 AR-1262-1

R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 1714181
Conc: 11.95 ng/ml



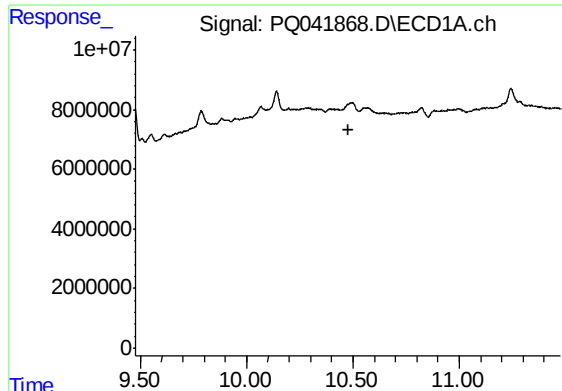
#37 AR-1262-2

R.T.: 10.140 min
Delta R.T.: -0.002 min
Response: 18887585
Conc: 21.58 ng/ml



#37 AR-1262-2

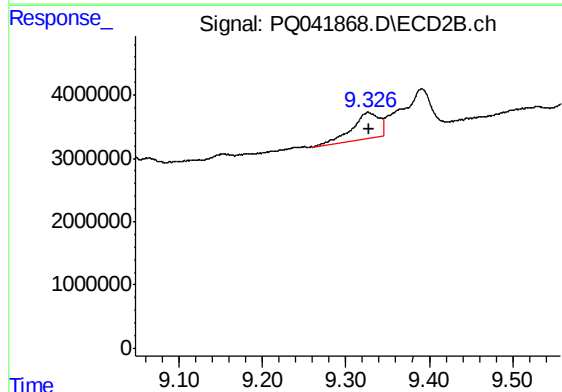
R.T.: 9.032 min
Delta R.T.: -0.003 min
Response: 11049032
Conc: 14.91 ng/ml



#38 AR-1262-3

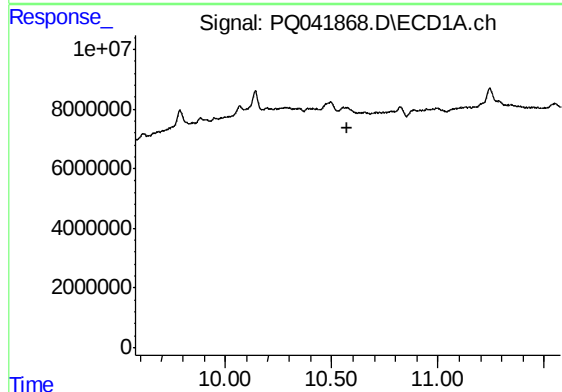
R.T.: 0.000 min
Exp R.T. : 10.477 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEP33



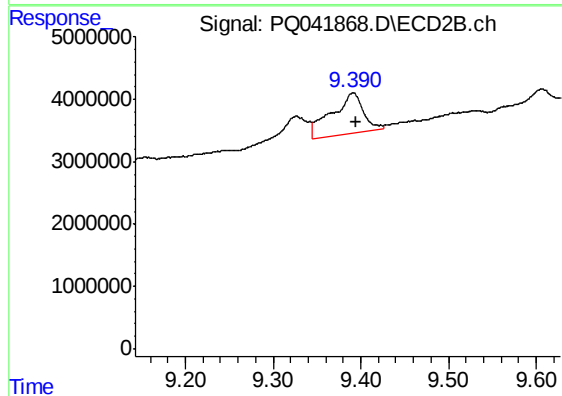
#38 AR-1262-3

R.T.: 9.327 min
Delta R.T.: -0.001 min
Response: 9418831
Conc: 29.77 ng/ml



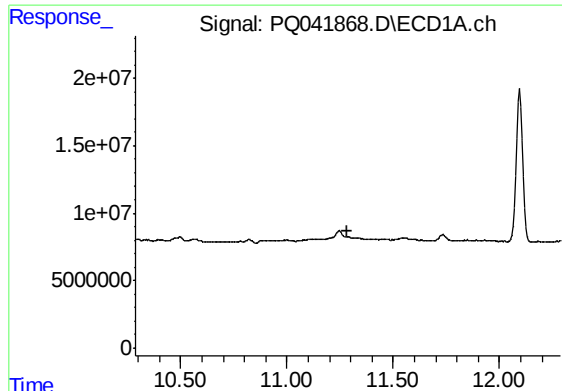
#39 AR-1262-4

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



#39 AR-1262-4

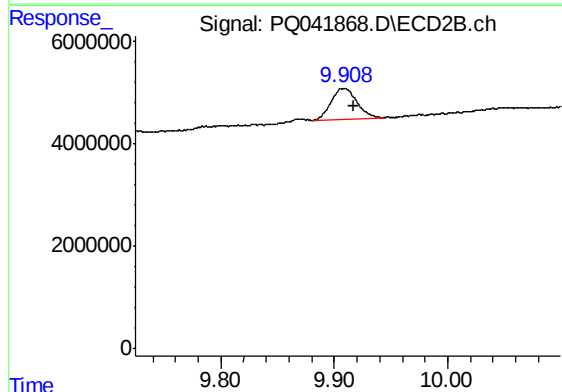
R.T.: 9.391 min
Delta R.T.: -0.003 min
Response: 16529574
Conc: 29.39 ng/ml



#40 AR-1262-5

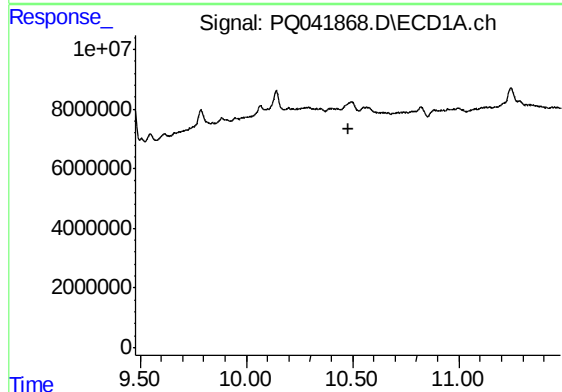
R.T.: 0.000 min
Exp R.T. : 11.286 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEP33



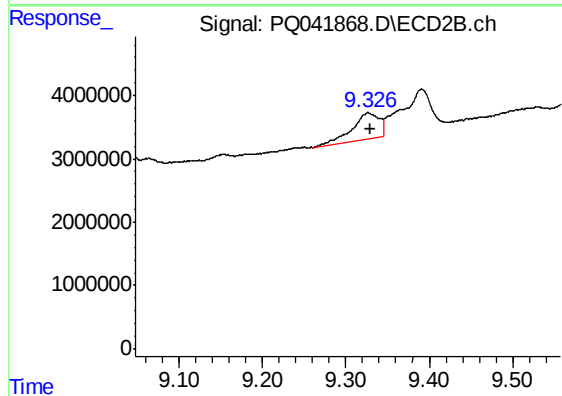
#40 AR-1262-5

R.T.: 9.908 min
Delta R.T.: -0.009 min
Response: 9589585
Conc: 33.58 ng/ml



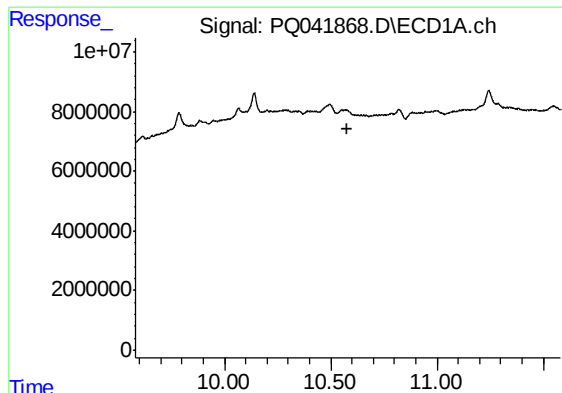
#41 AR-1268-1

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



#41 AR-1268-1

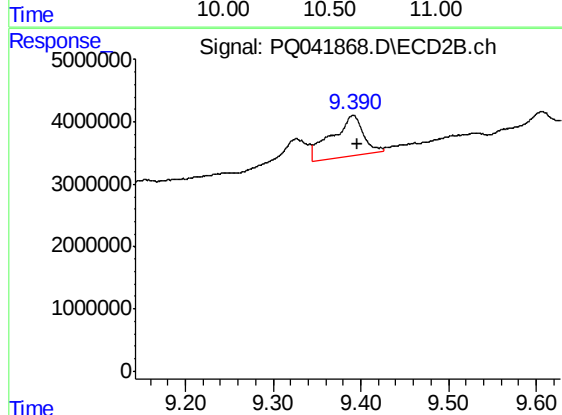
R.T.: 9.327 min
Delta R.T.: -0.002 min
Response: 9418831
Conc: 8.24 ng/ml



#42 AR-1268-2

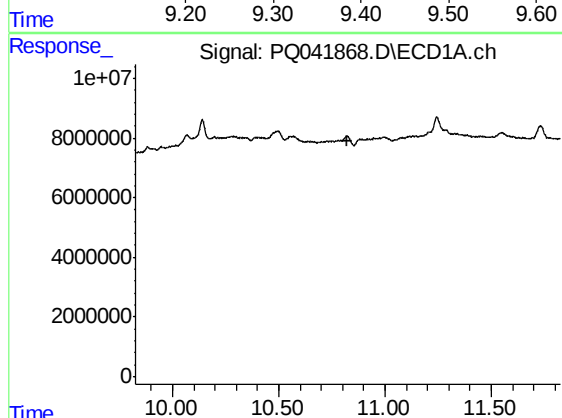
R.T.: 0.000 min
Exp R.T. : 10.581 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEP33



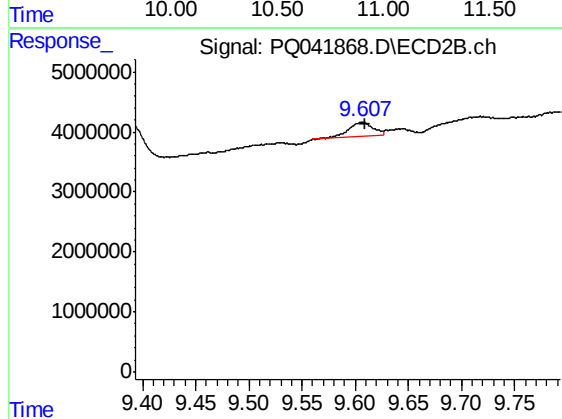
#42 AR-1268-2

R.T.: 9.391 min
Delta R.T.: -0.004 min
Response: 16529574
Conc: 16.10 ng/ml



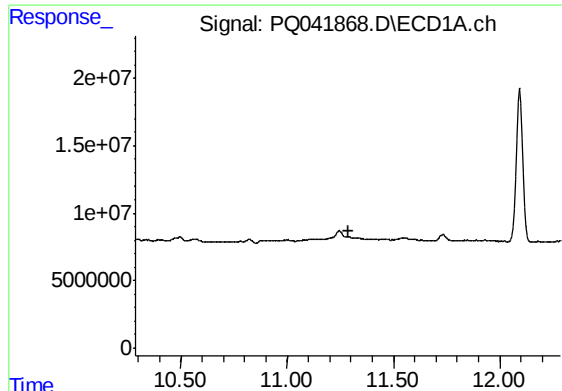
#43 AR-1268-3

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



#43 AR-1268-3

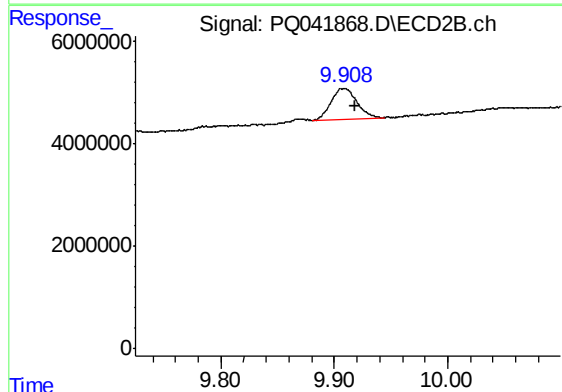
R.T.: 9.607 min
Delta R.T.: -0.003 min
Response: 3873094
Conc: 4.46 ng/ml



#44 AR-1268-4

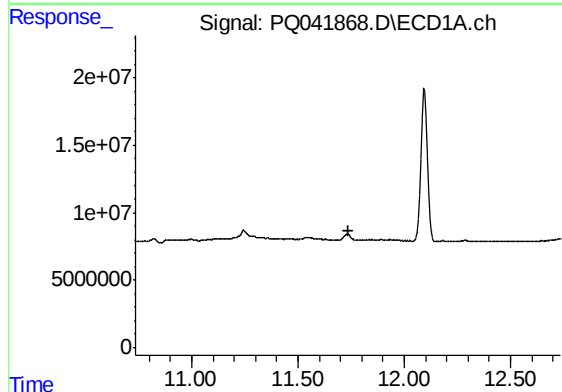
R.T.: 0.000 min
Exp R.T. : 11.286 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEP33



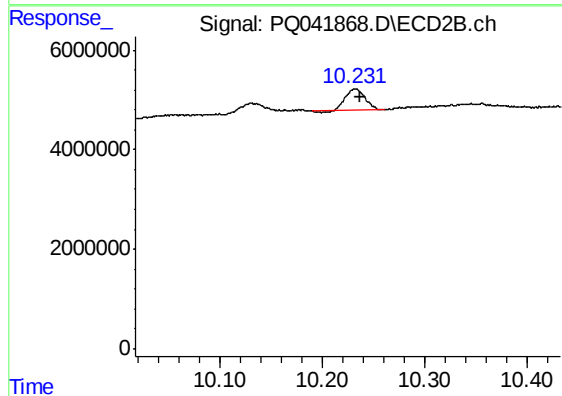
#44 AR-1268-4

R.T.: 9.908 min
Delta R.T.: -0.010 min
Response: 9589585
Conc: 24.93 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.735 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.232 min
Delta R.T.: -0.004 min
Response: 5760461
Conc: 2.22 ng/ml