

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
 Data File : PQ041876.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2019 18:44
 Operator : SM\AJ
 Sample : K3962-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BEP05

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 04:23:44 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	34391458	29713482	14.996	15.418
2)	SA Decachlor...	12.094	10.510	223.6E6	128.8E6	26.517	26.631
Target Compounds							
3)	L1 AR-1016-1	7.141	6.206	39166924	36904626	362.375	355.641
4)	L1 AR-1016-2	7.168	6.228	33080071	24515110	211.337	171.112
5)	L1 AR-1016-3	0.000	6.444	0	9982479	N.D.	133.864 #
6)	L1 AR-1016-4	0.000	6.497	0	71907087	N.D.	1159.599 #
7)	L1 AR-1016-5	7.684	6.749	42050792	43046547	534.928	528.805
9)	L2 AR-1221-2	0.000	5.178	0	2258805	N.D.	141.443 #
10)	L2 AR-1221-3	0.000	5.283	0	2457252	N.D.	45.061 #
11)	L3 AR-1232-1	0.000	5.283	0	2457252	N.D.	50.888 #
12)	L3 AR-1232-2	0.000	6.228	0	24515110	N.D.	429.880 #
13)	L3 AR-1232-3	7.168	6.444	33080071	9982479	495.482	334.763 #
14)	L3 AR-1232-4	0.000	6.545	0	74521048	N.D.	2791.397 #
15)	L3 AR-1232-5	7.456	6.749	70543606	43046547	3282.583	1467.856 #
16)	L4 AR-1242-1	7.141	6.206	39166924	36904626	437.868	450.938
17)	L4 AR-1242-2	7.168	6.228	33080071	24515110	257.250	217.067
18)	L4 AR-1242-3	0.000	6.444	0	9982479	N.D.	168.986 #
19)	L4 AR-1242-4	0.000	6.545	0	74521048	N.D.	1256.736 #
20)	L4 AR-1242-5	8.174	7.158	128.8E6	170.0E6	1451.153	1914.933 #
21)	L5 AR-1248-1	7.141	6.206	39166924	36904626	528.311	556.598
22)	L5 AR-1248-2	7.456	6.497	70543606	71907087	764.591	824.739
23)	L5 AR-1248-3	7.684	6.545	42050792	74521048	375.315	834.916 #
24)	L5 AR-1248-4	8.132	6.749	101.1E6	43046547	646.877	390.830 #
25)	L5 AR-1248-5	8.174	7.205	128.8E6	96395307	850.859	752.062
26)	L6 AR-1254-1	8.100	7.158	119.6E6	170.0E6	859.496	929.739
27)	L6 AR-1254-2	8.340	7.326	197.3E6	135.5E6	861.840	836.949
28)	L6 AR-1254-3	8.733	7.774	246.5E6	278.1E6	901.348	964.104
29)	L6 AR-1254-4	9.036	8.022	211.1E6	199.8E6	857.428	920.238
30)	L6 AR-1254-5	9.473	8.468	207.7E6	207.9E6	766.880	691.348
31)	L7 AR-1260-1	8.906	7.915	84985733	120.6E6	477.756	664.980 #
32)	L7 AR-1260-2	9.176	8.118	144.3E6	99798414	571.894	406.783 #
33)	L7 AR-1260-3	9.550	8.282	50122200	85594560	218.746	402.273 #
34)	L7 AR-1260-4	9.786	8.780	155.4E6	42993339	608.775	212.534 #
35)	L7 AR-1260-5	10.141	9.032	107.5E6	127.1E6	159.532	215.384 #
36)	L8 AR-1262-1	9.614	8.562	24070956	37738091	156.615	263.048 #
37)	L8 AR-1262-2	10.141	9.032	107.5E6	127.1E6	122.752	171.539 #
38)	L8 AR-1262-3	10.495	9.326	111.2E6	42186012	175.150	133.343
39)	L8 AR-1262-4	10.577	9.393	84003459	80942662	167.770	143.932
40)	L8 AR-1262-5	11.287	9.916	40499901	33368363	99.482	116.834
41)	L9 AR-1268-1	10.495	9.326	111.2E6	42186012	78.075	36.902 #
42)	L9 AR-1268-2	10.577	9.393	84003459	80942662	63.691	78.849
43)	L9 AR-1268-3	10.823	9.605	22755043	17394528	19.447	20.018

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
 Data File : PQ041876.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2019 18:44
 Operator : SM\AJ
 Sample : K3962-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

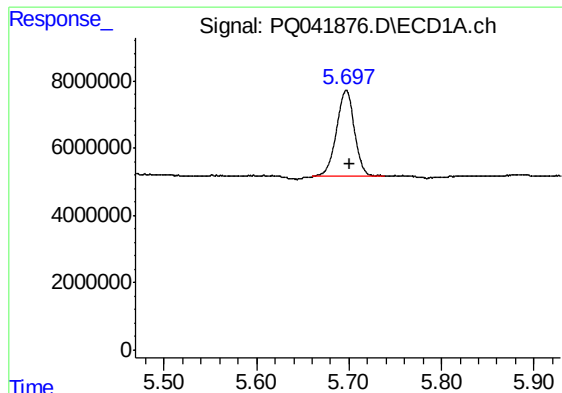
Instrument :
 ECD_Q
 ClientSampleId :
 BEP05

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 04:23:44 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	11.287	9.916	40499901	33368363	74.391	86.746
45) L9	AR-1268-5	11.733	10.233	80084964	55051096	19.759	21.194

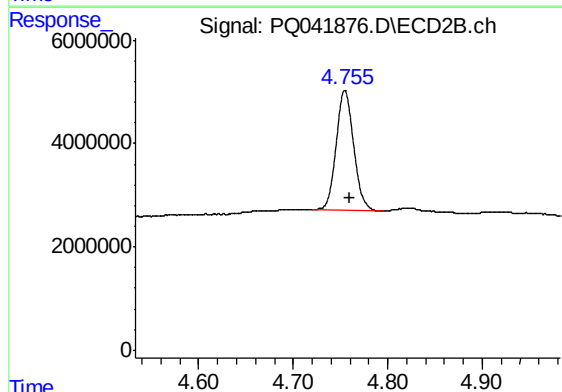
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

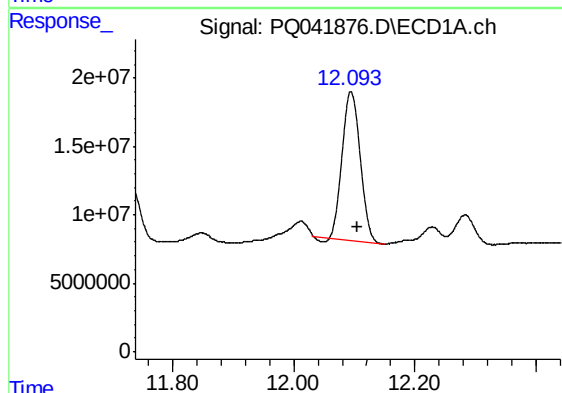
R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 34391458
Conc: 15.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP05



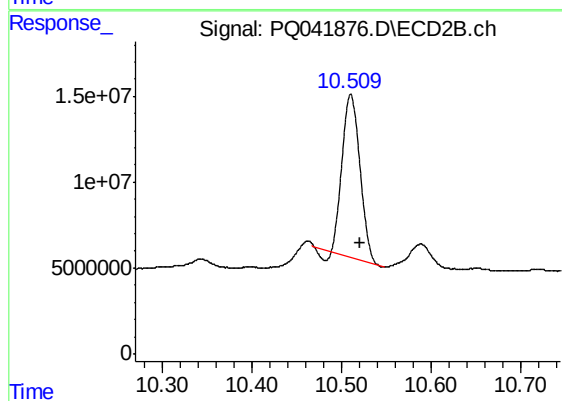
#1 Tetrachloro-m-xylene

R.T.: 4.755 min
Delta R.T.: -0.005 min
Response: 29713482
Conc: 15.42 ng/ml



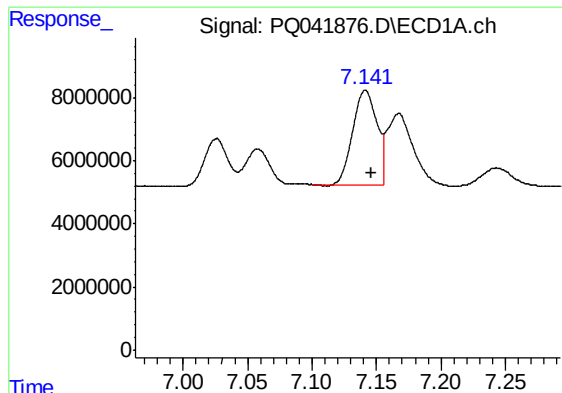
#2 Decachlorobiphenyl

R.T.: 12.094 min
Delta R.T.: -0.012 min
Response: 223572824
Conc: 26.52 ng/ml



#2 Decachlorobiphenyl

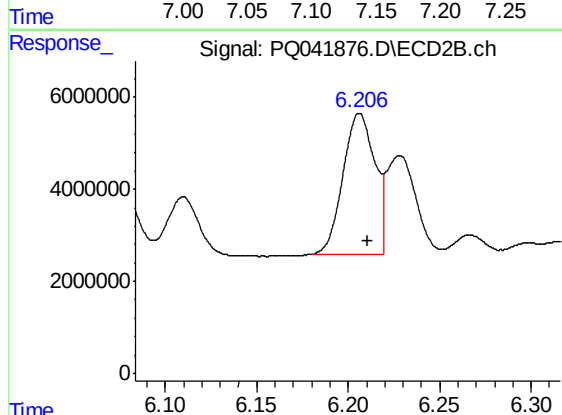
R.T.: 10.510 min
Delta R.T.: -0.010 min
Response: 128823751
Conc: 26.63 ng/ml



#3 AR-1016-1

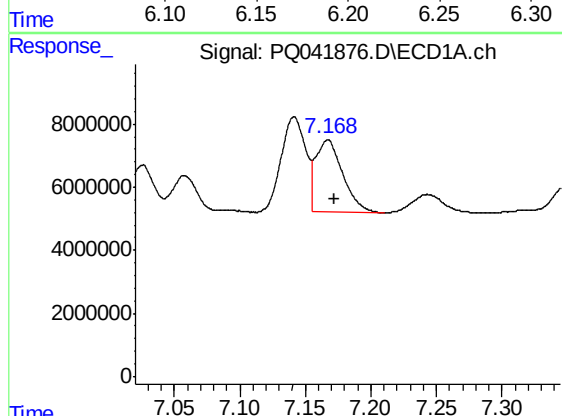
R.T.: 7.141 min
Delta R.T.: -0.005 min
Response: 39166924
Conc: 362.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP05



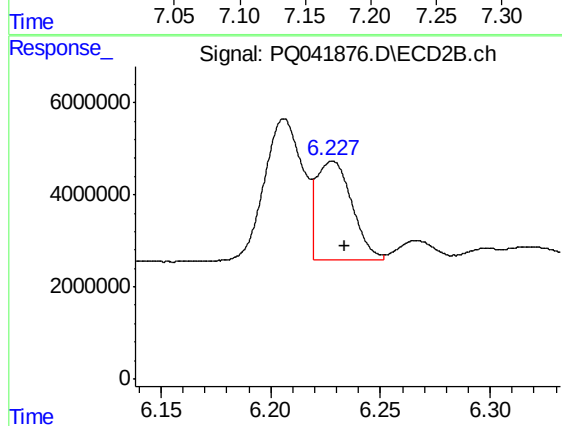
#3 AR-1016-1

R.T.: 6.206 min
Delta R.T.: -0.005 min
Response: 36904626
Conc: 355.64 ng/ml



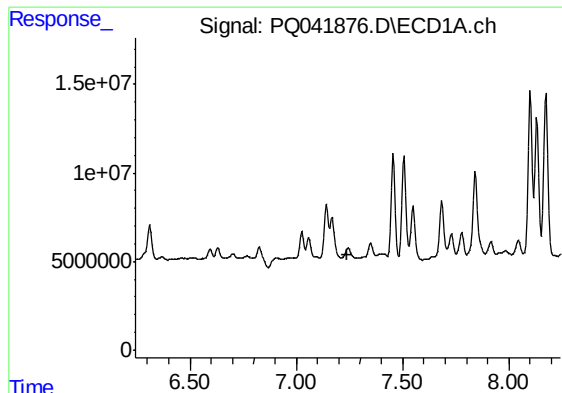
#4 AR-1016-2

R.T.: 7.168 min
Delta R.T.: -0.004 min
Response: 33080071
Conc: 211.34 ng/ml



#4 AR-1016-2

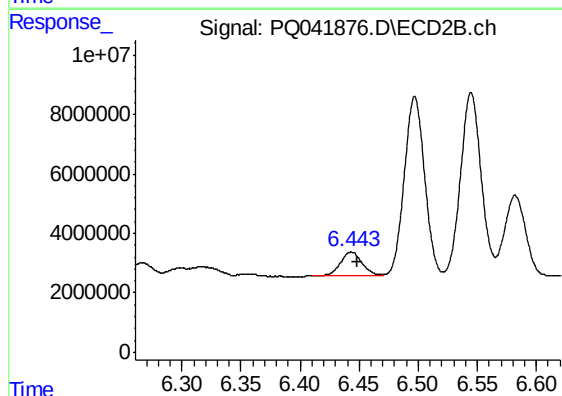
R.T.: 6.228 min
Delta R.T.: -0.006 min
Response: 24515110
Conc: 171.11 ng/ml



#5 AR-1016-3

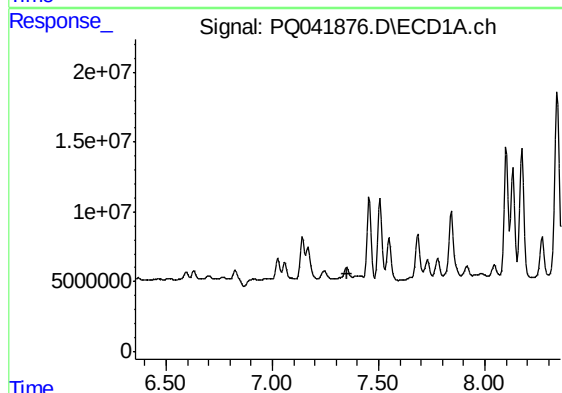
R.T.: 0.000 min
Exp R.T.: 7.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEP05



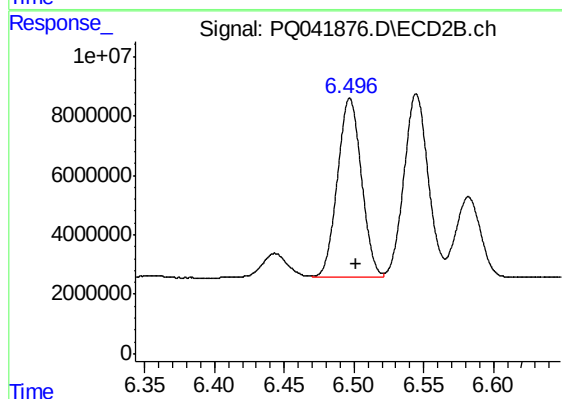
#5 AR-1016-3

R.T.: 6.444 min
Delta R.T.: -0.005 min
Response: 9982479
Conc: 133.86 ng/ml



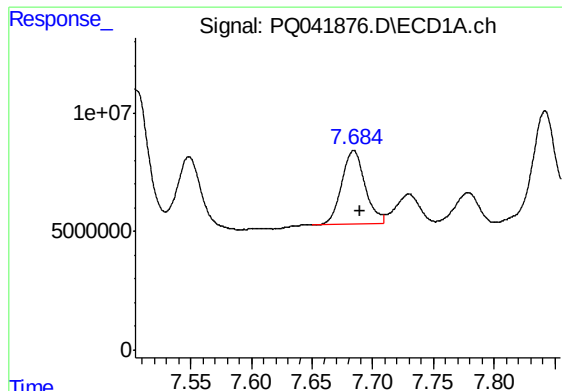
#6 AR-1016-4

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



#6 AR-1016-4

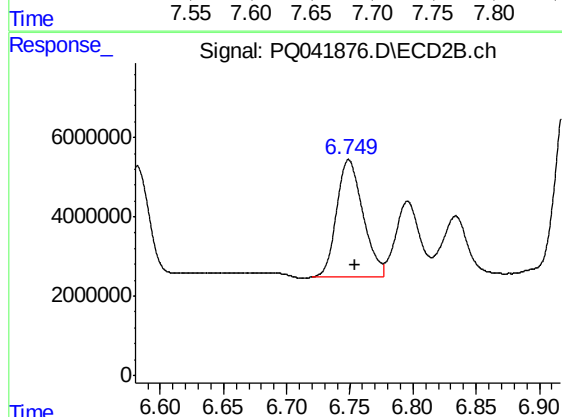
R.T.: 6.497 min
Delta R.T.: -0.005 min
Response: 71907087
Conc: 1159.60 ng/ml



#7 AR-1016-5

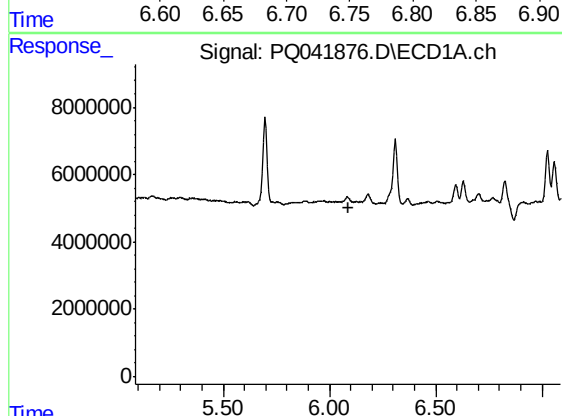
R.T.: 7.684 min
Delta R.T.: -0.005 min
Response: 42050792
Conc: 534.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP05



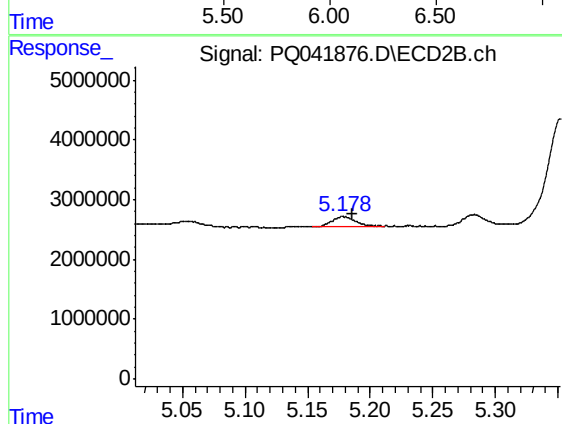
#7 AR-1016-5

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 43046547
Conc: 528.81 ng/ml



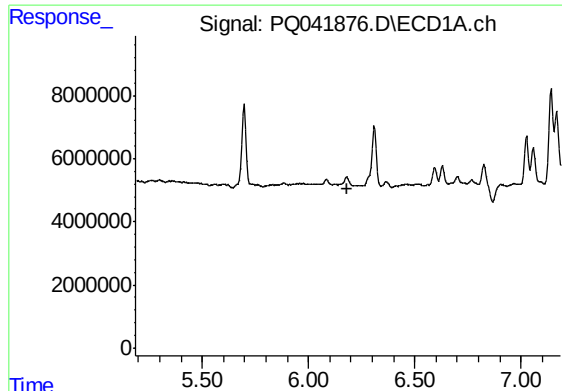
#9 AR-1221-2

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



#9 AR-1221-2

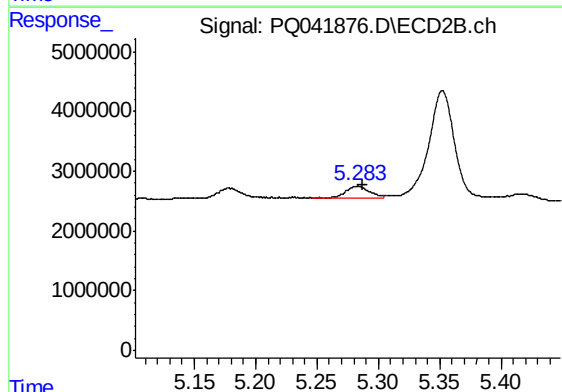
R.T.: 5.178 min
Delta R.T.: -0.008 min
Response: 2258805
Conc: 141.44 ng/ml



#10 AR-1221-3

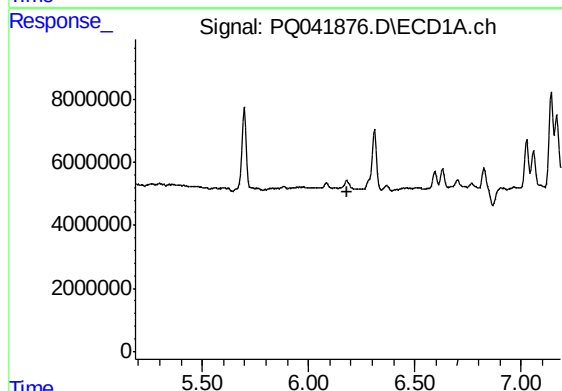
R.T.: 0.000 min
Exp R.T. : 6.186 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEP05



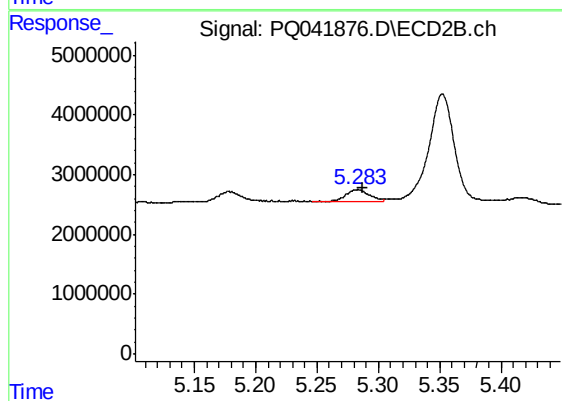
#10 AR-1221-3

R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 2457252
Conc: 45.06 ng/ml



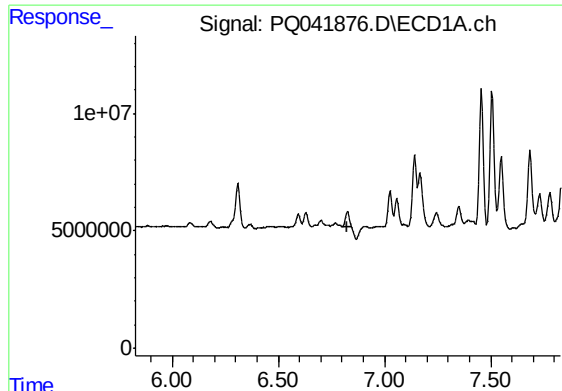
#11 AR-1232-1

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



#11 AR-1232-1

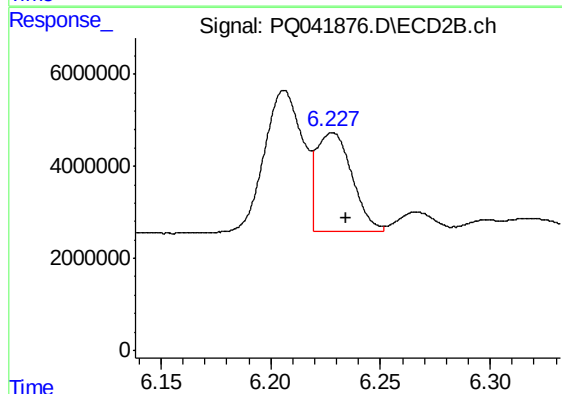
R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 2457252
Conc: 50.89 ng/ml



#12 AR-1232-2

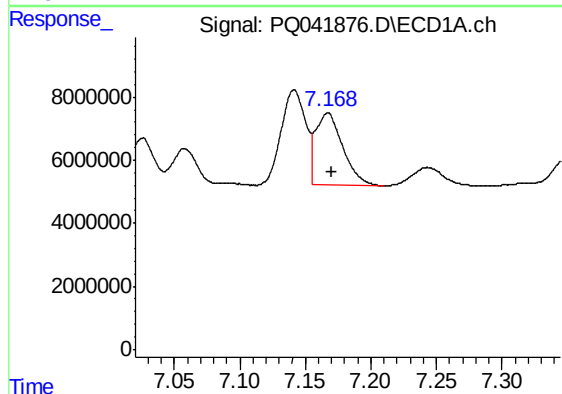
R.T.: 0.000 min
Exp R.T.: 6.828 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEP05



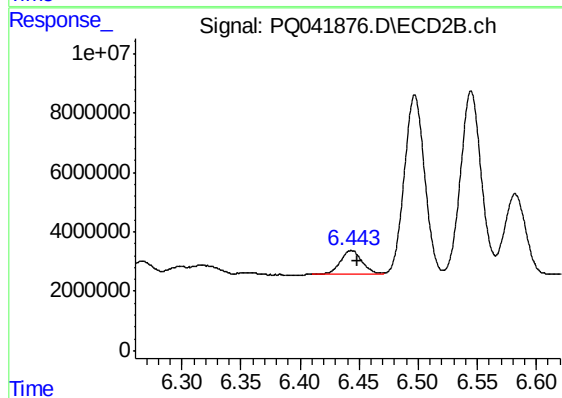
#12 AR-1232-2

R.T.: 6.228 min
Delta R.T.: -0.006 min
Response: 24515110
Conc: 429.88 ng/ml



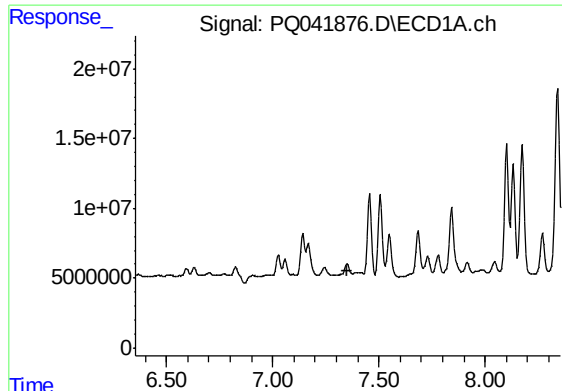
#13 AR-1232-3

R.T.: 7.168 min
Delta R.T.: -0.003 min
Response: 33080071
Conc: 495.48 ng/ml



#13 AR-1232-3

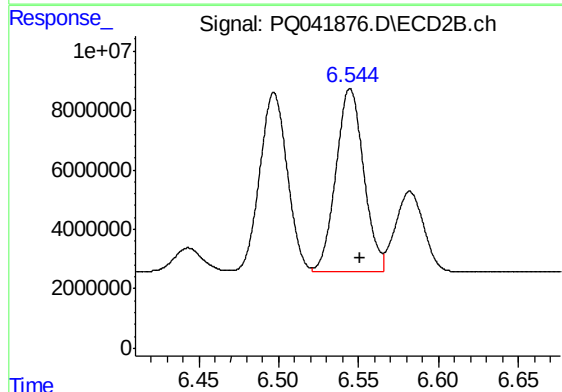
R.T.: 6.444 min
Delta R.T.: -0.004 min
Response: 9982479
Conc: 334.76 ng/ml



#14 AR-1232-4

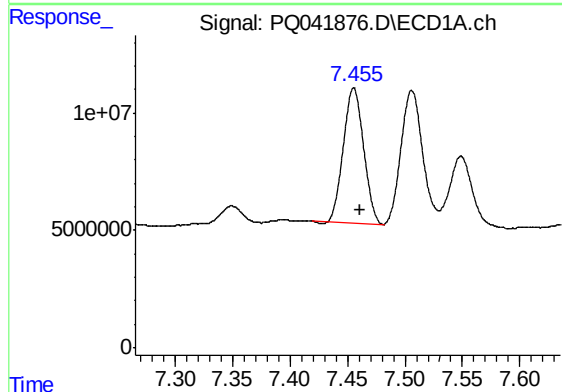
R.T.: 0.000 min
Exp R.T.: 7.354 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEP05



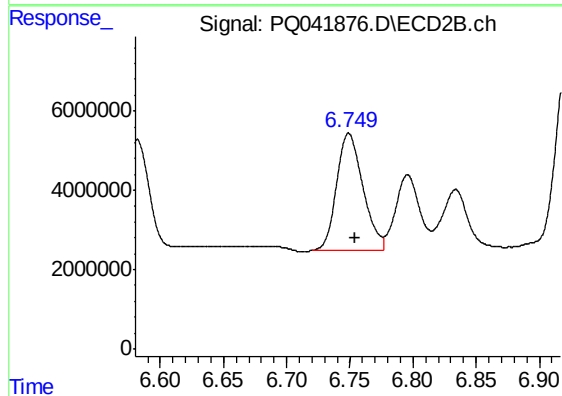
#14 AR-1232-4

R.T.: 6.545 min
Delta R.T.: -0.007 min
Response: 74521048
Conc: 2791.40 ng/ml



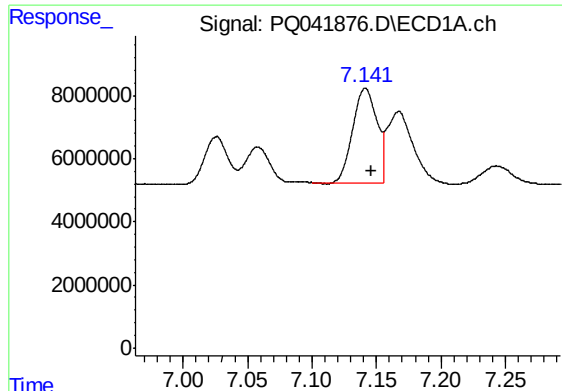
#15 AR-1232-5

R.T.: 7.456 min
Delta R.T.: -0.005 min
Response: 70543606
Conc: 3282.58 ng/ml



#15 AR-1232-5

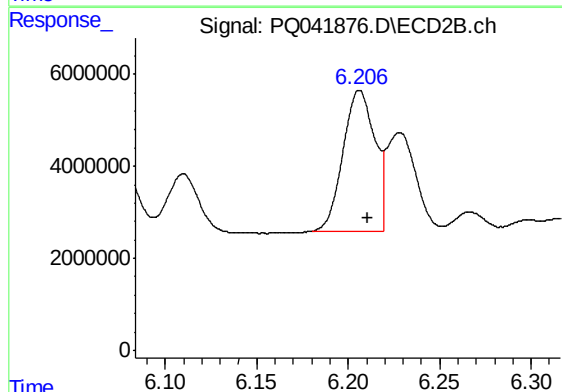
R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 43046547
Conc: 1467.86 ng/ml



#16 AR-1242-1

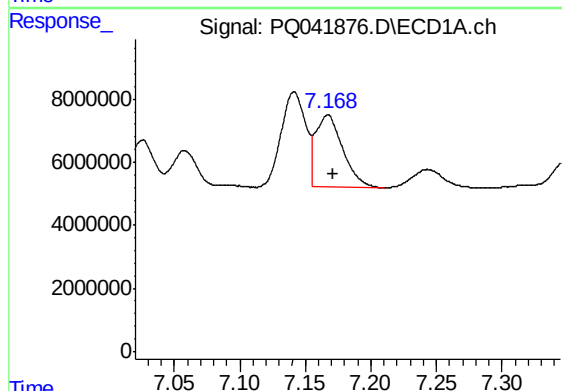
R.T.: 7.141 min
Delta R.T.: -0.005 min
Response: 39166924
Conc: 437.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP05



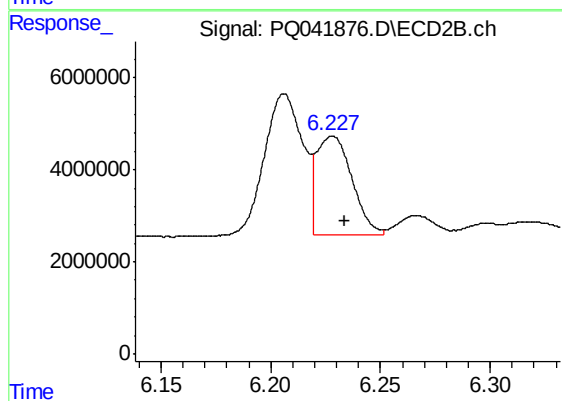
#16 AR-1242-1

R.T.: 6.206 min
Delta R.T.: -0.004 min
Response: 36904626
Conc: 450.94 ng/ml



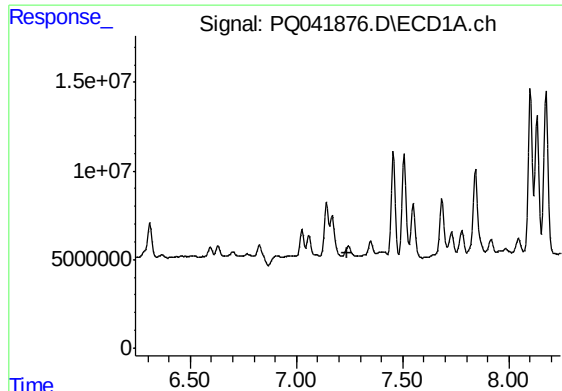
#17 AR-1242-2

R.T.: 7.168 min
Delta R.T.: -0.004 min
Response: 33080071
Conc: 257.25 ng/ml



#17 AR-1242-2

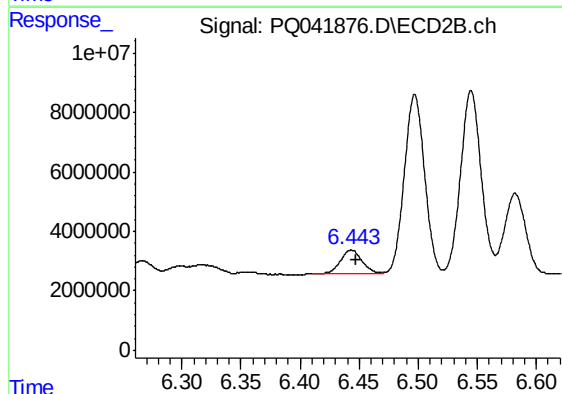
R.T.: 6.228 min
Delta R.T.: -0.006 min
Response: 24515110
Conc: 217.07 ng/ml



#18 AR-1242-3

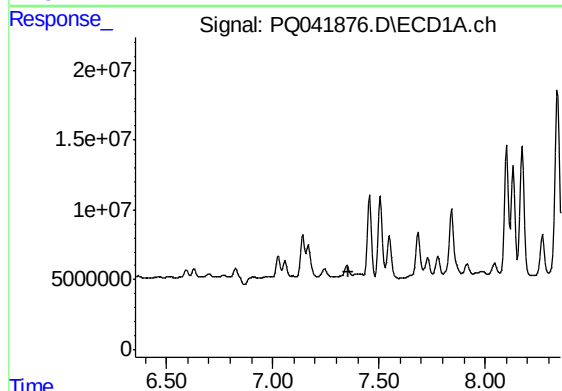
R.T.: 0.000 min
Exp R.T. : 7.242 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEP05



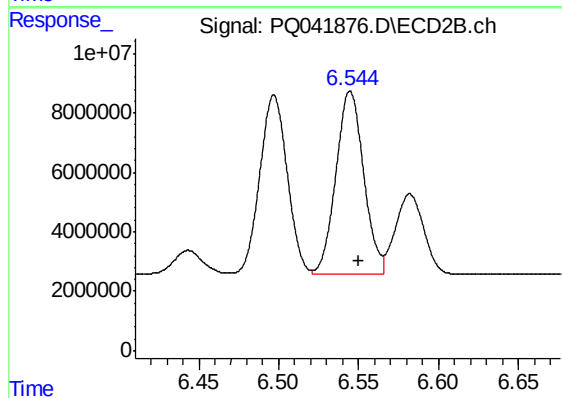
#18 AR-1242-3

R.T.: 6.444 min
Delta R.T.: -0.003 min
Response: 9982479
Conc: 168.99 ng/ml



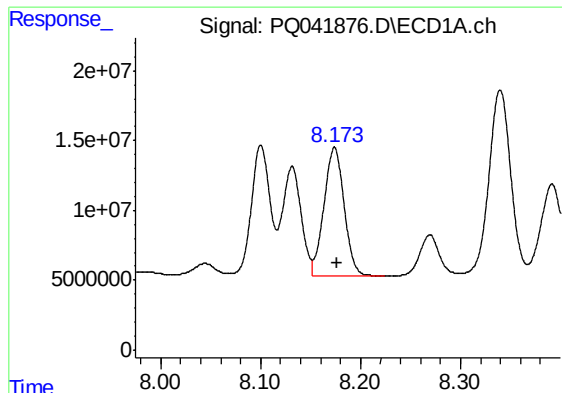
#19 AR-1242-4

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



#19 AR-1242-4

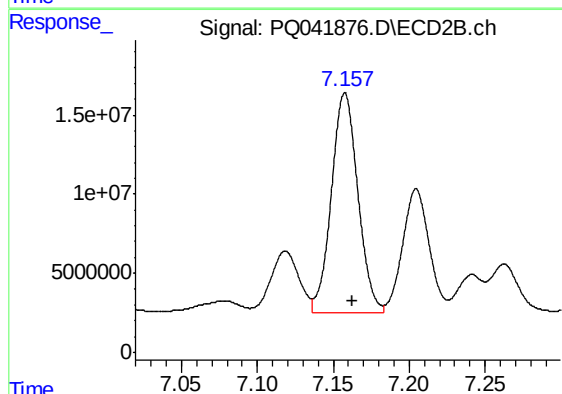
R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 74521048
Conc: 1256.74 ng/ml



#20 AR-1242-5

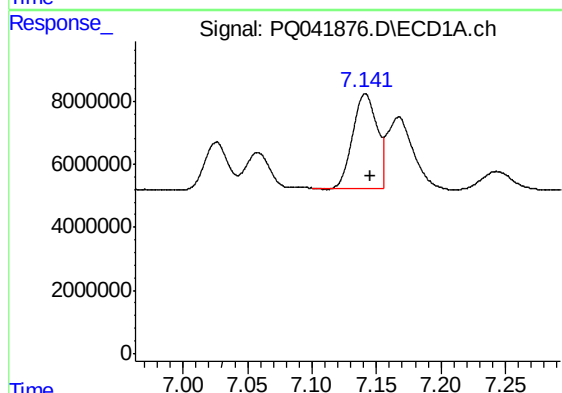
R.T.: 8.174 min
Delta R.T.: -0.003 min
Response: 128754802
Conc: 1451.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP05



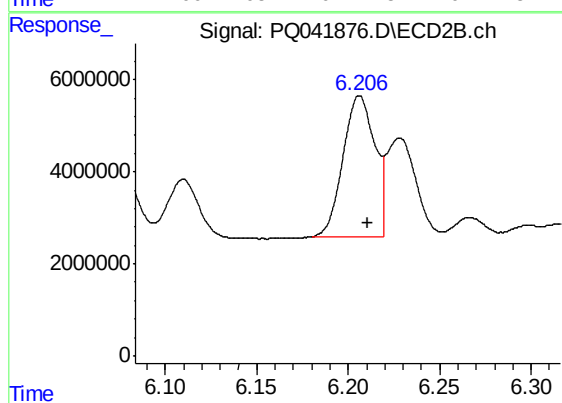
#20 AR-1242-5

R.T.: 7.158 min
Delta R.T.: -0.005 min
Response: 170035061
Conc: 1914.93 ng/ml



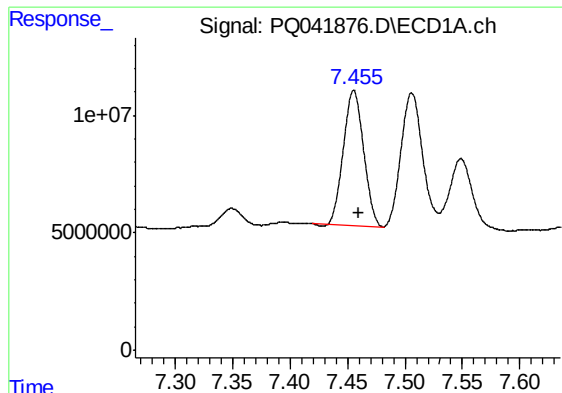
#21 AR-1248-1

R.T.: 7.141 min
Delta R.T.: -0.004 min
Response: 39166924
Conc: 528.31 ng/ml



#21 AR-1248-1

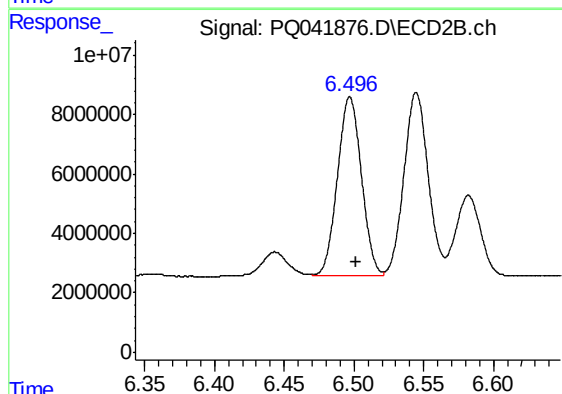
R.T.: 6.206 min
Delta R.T.: -0.004 min
Response: 36904626
Conc: 556.60 ng/ml



#22 AR-1248-2

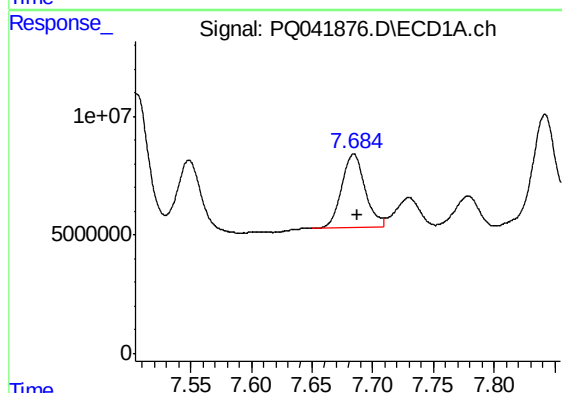
R.T.: 7.456 min
Delta R.T.: -0.004 min
Response: 70543606
Conc: 764.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP05



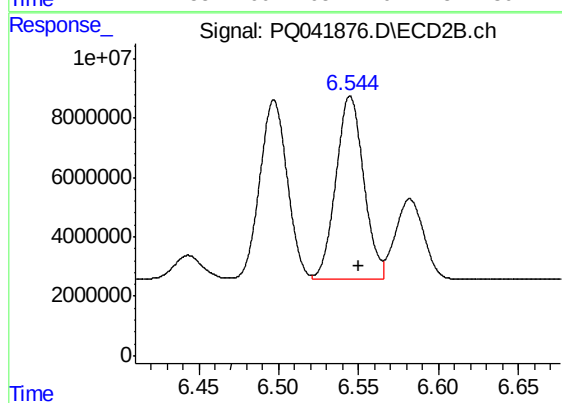
#22 AR-1248-2

R.T.: 6.497 min
Delta R.T.: -0.005 min
Response: 71907087
Conc: 824.74 ng/ml



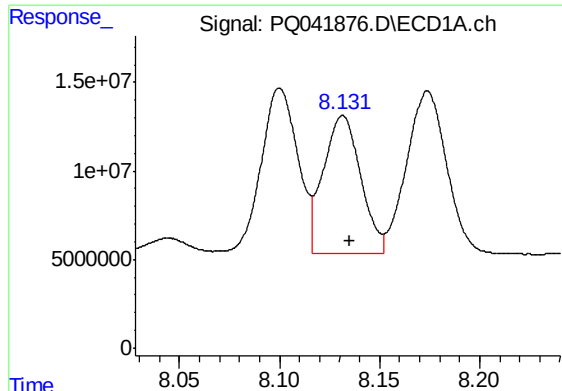
#23 AR-1248-3

R.T.: 7.684 min
Delta R.T.: -0.003 min
Response: 42050792
Conc: 375.32 ng/ml



#23 AR-1248-3

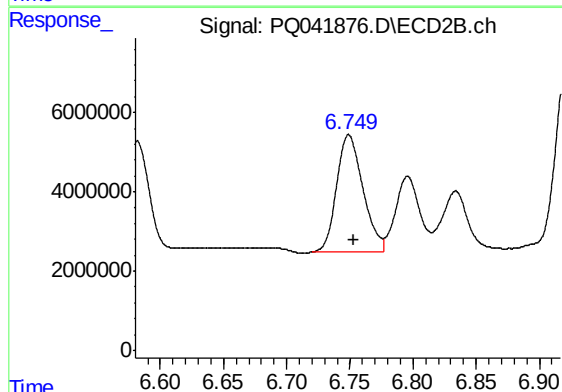
R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 74521048
Conc: 834.92 ng/ml



#24 AR-1248-4

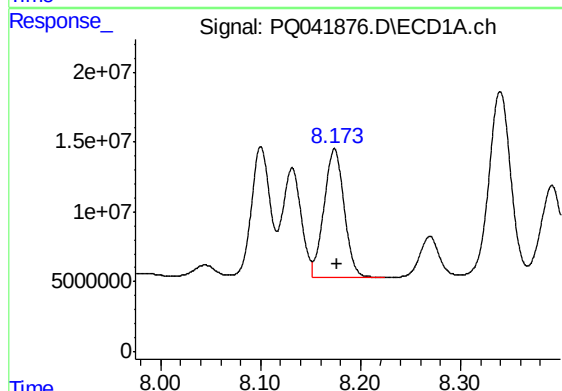
R.T.: 8.132 min
Delta R.T.: -0.003 min
Response: 101144546
Conc: 646.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP05



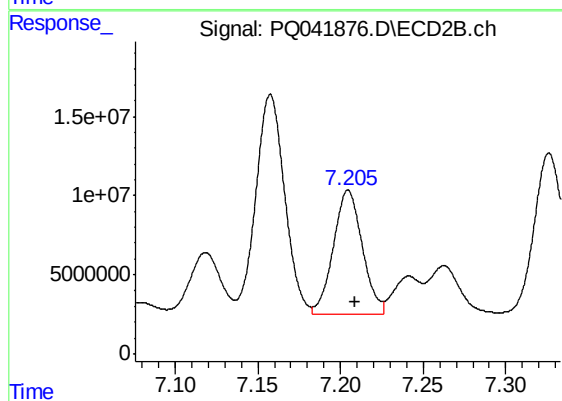
#24 AR-1248-4

R.T.: 6.749 min
Delta R.T.: -0.004 min
Response: 43046547
Conc: 390.83 ng/ml



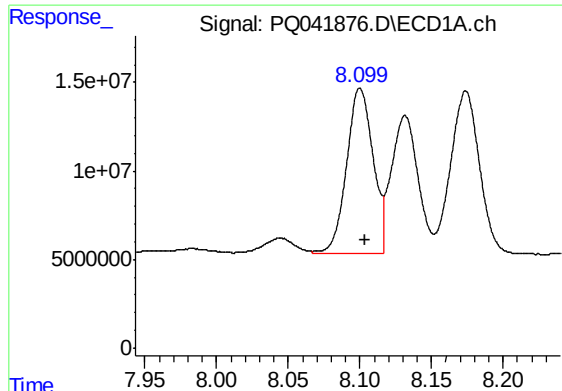
#25 AR-1248-5

R.T.: 8.174 min
Delta R.T.: -0.002 min
Response: 128754802
Conc: 850.86 ng/ml



#25 AR-1248-5

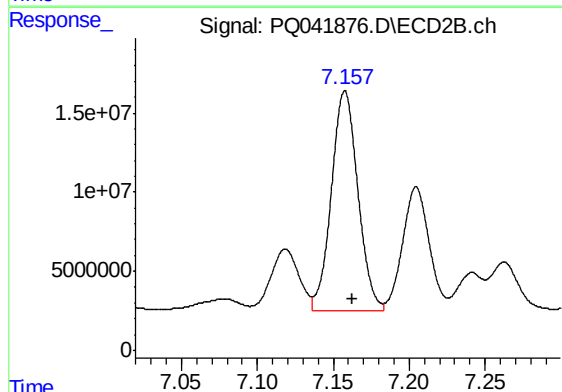
R.T.: 7.205 min
Delta R.T.: -0.004 min
Response: 96395307
Conc: 752.06 ng/ml



#26 AR-1254-1

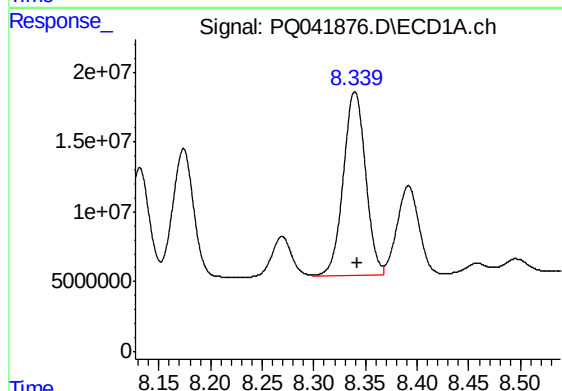
R.T.: 8.100 min
Delta R.T.: -0.004 min
Response: 119568496
Conc: 859.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP05



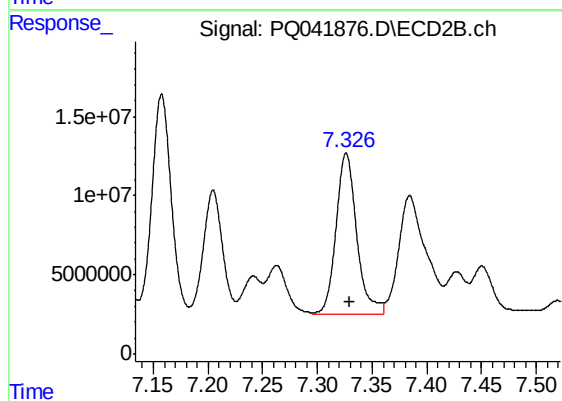
#26 AR-1254-1

R.T.: 7.158 min
Delta R.T.: -0.005 min
Response: 170035061
Conc: 929.74 ng/ml



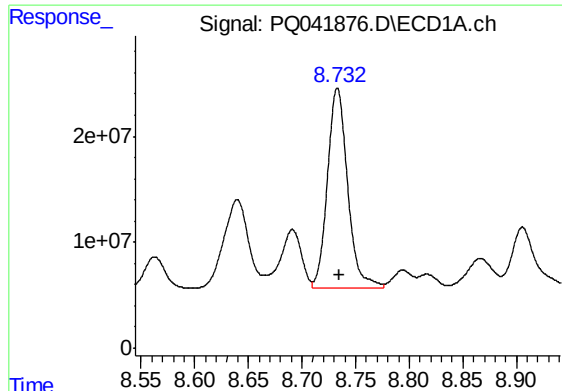
#27 AR-1254-2

R.T.: 8.340 min
Delta R.T.: -0.003 min
Response: 197260411
Conc: 861.84 ng/ml



#27 AR-1254-2

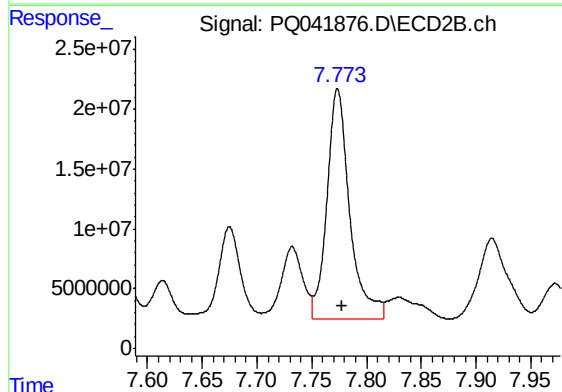
R.T.: 7.326 min
Delta R.T.: -0.004 min
Response: 135478024
Conc: 836.95 ng/ml



#28 AR-1254-3

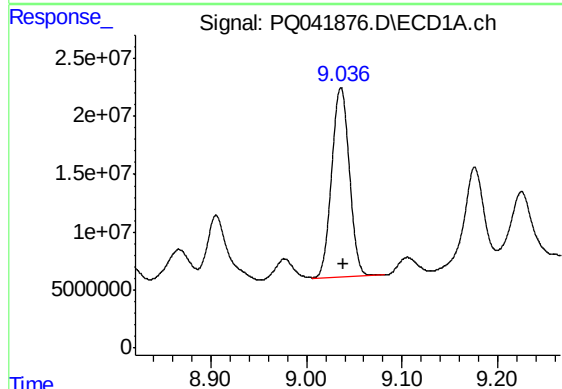
R.T.: 8.733 min
Delta R.T.: -0.002 min
Response: 246452590
Conc: 901.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP05



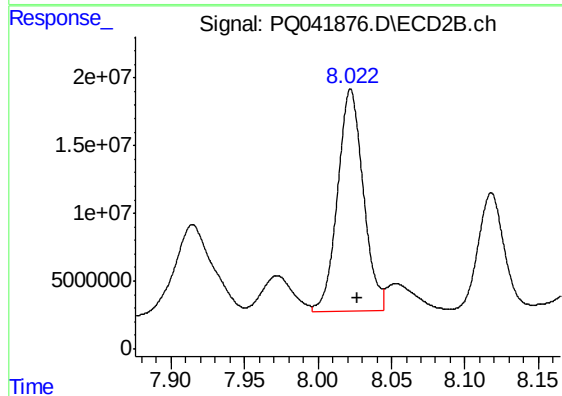
#28 AR-1254-3

R.T.: 7.774 min
Delta R.T.: -0.004 min
Response: 278054334
Conc: 964.10 ng/ml



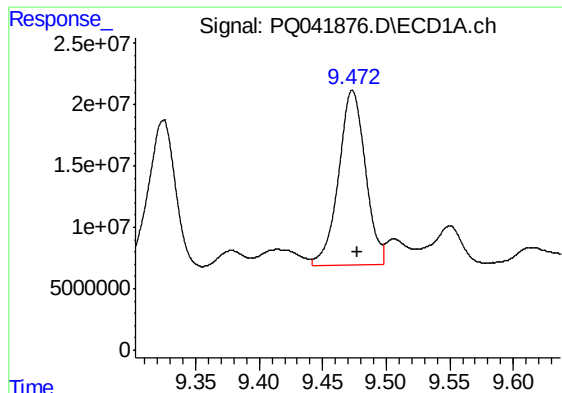
#29 AR-1254-4

R.T.: 9.036 min
Delta R.T.: -0.003 min
Response: 211077279
Conc: 857.43 ng/ml



#29 AR-1254-4

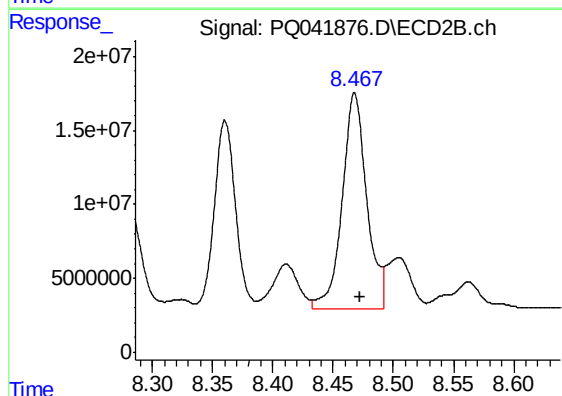
R.T.: 8.022 min
Delta R.T.: -0.005 min
Response: 199758531
Conc: 920.24 ng/ml



#30 AR-1254-5

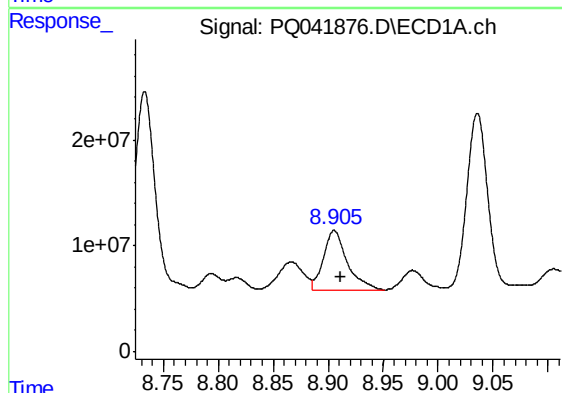
R.T.: 9.473 min
Delta R.T.: -0.004 min
Response: 207705862
Conc: 766.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP05



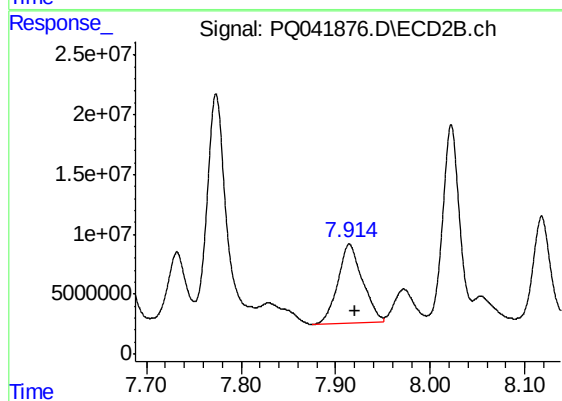
#30 AR-1254-5

R.T.: 8.468 min
Delta R.T.: -0.005 min
Response: 207935491
Conc: 691.35 ng/ml



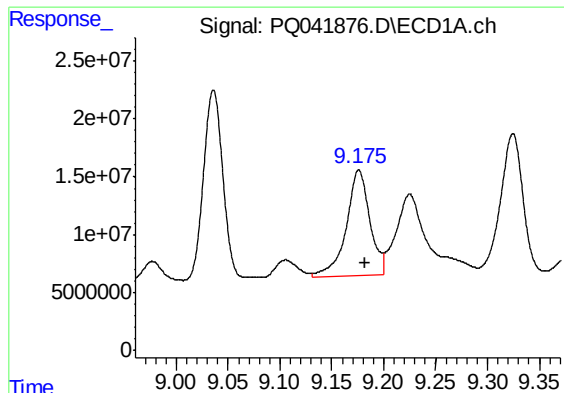
#31 AR-1260-1

R.T.: 8.906 min
Delta R.T.: -0.006 min
Response: 84985733
Conc: 477.76 ng/ml



#31 AR-1260-1

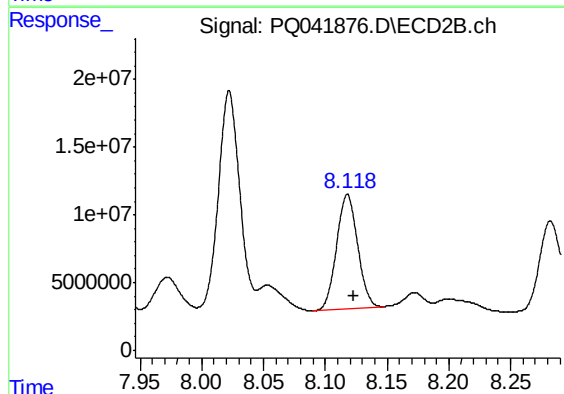
R.T.: 7.915 min
Delta R.T.: -0.006 min
Response: 120647038
Conc: 664.98 ng/ml



#32 AR-1260-2

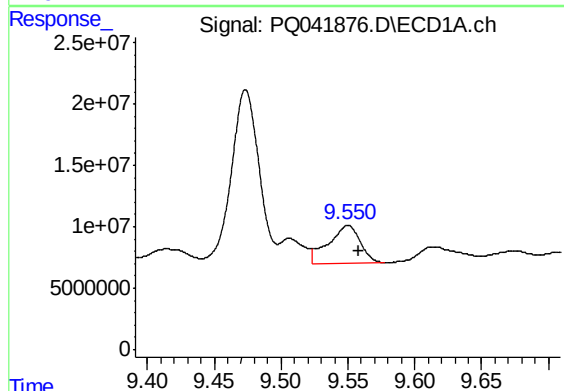
R.T.: 9.176 min
Delta R.T.: -0.007 min
Response: 144274749
Conc: 571.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP05



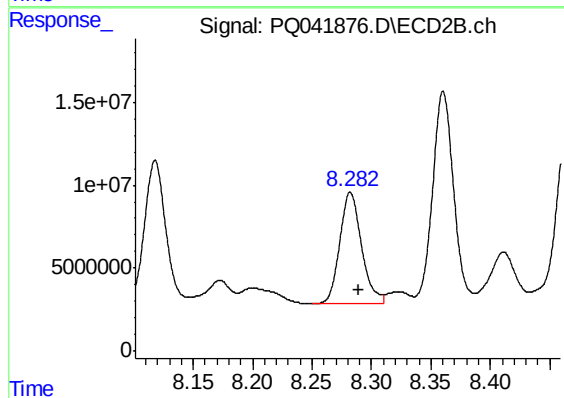
#32 AR-1260-2

R.T.: 8.118 min
Delta R.T.: -0.005 min
Response: 99798414
Conc: 406.78 ng/ml



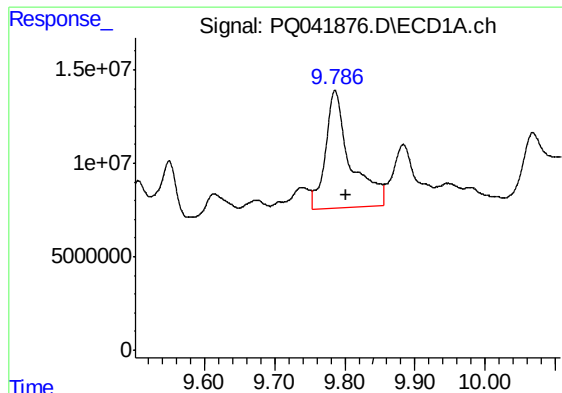
#33 AR-1260-3

R.T.: 9.550 min
Delta R.T.: -0.008 min
Response: 50122200
Conc: 218.75 ng/ml



#33 AR-1260-3

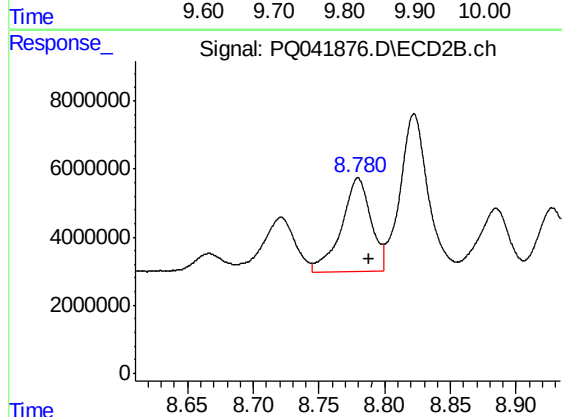
R.T.: 8.282 min
Delta R.T.: -0.007 min
Response: 85594560
Conc: 402.27 ng/ml



#34 AR-1260-4

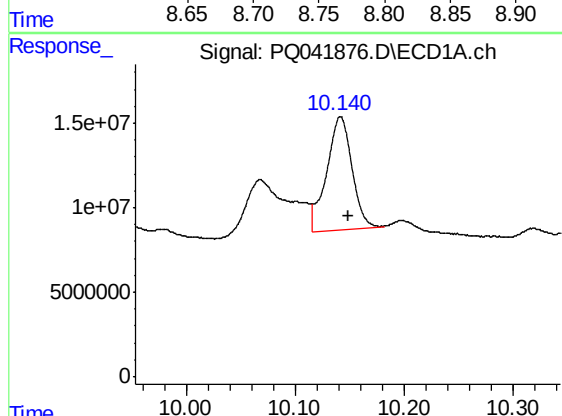
R.T.: 9.786 min
Delta R.T.: -0.015 min
Response: 155445913
Conc: 608.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP05



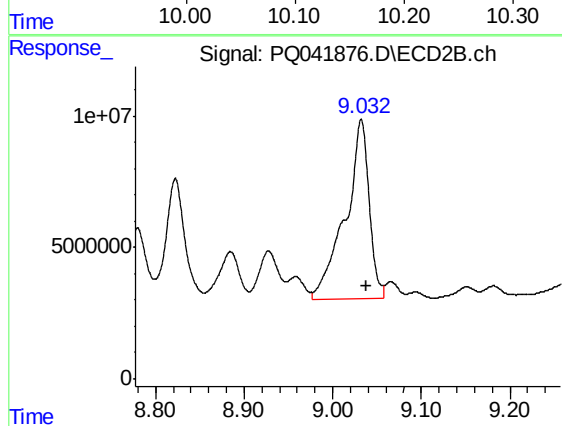
#34 AR-1260-4

R.T.: 8.780 min
Delta R.T.: -0.008 min
Response: 42993339
Conc: 212.53 ng/ml



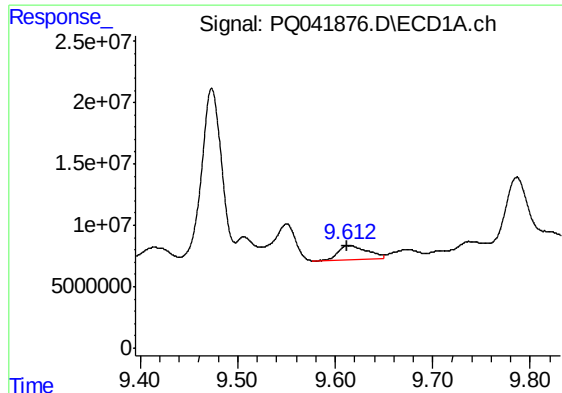
#35 AR-1260-5

R.T.: 10.141 min
Delta R.T.: -0.008 min
Response: 107459278
Conc: 159.53 ng/ml



#35 AR-1260-5

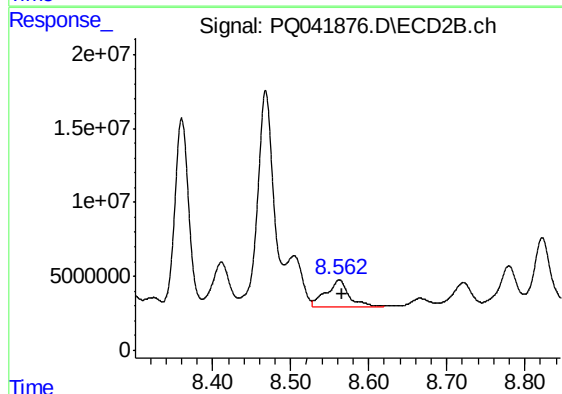
R.T.: 9.032 min
Delta R.T.: -0.006 min
Response: 127119953
Conc: 215.38 ng/ml



#36 AR-1262-1

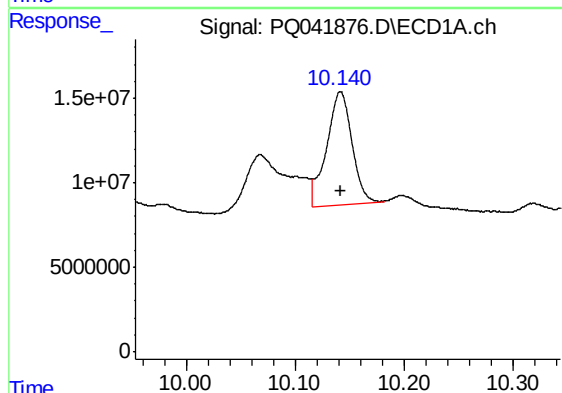
R.T.: 9.614 min
Delta R.T.: 0.001 min
Response: 24070956
Conc: 156.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP05



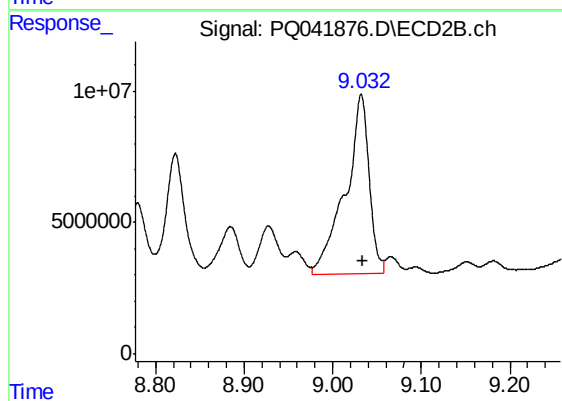
#36 AR-1262-1

R.T.: 8.562 min
Delta R.T.: -0.004 min
Response: 37738091
Conc: 263.05 ng/ml



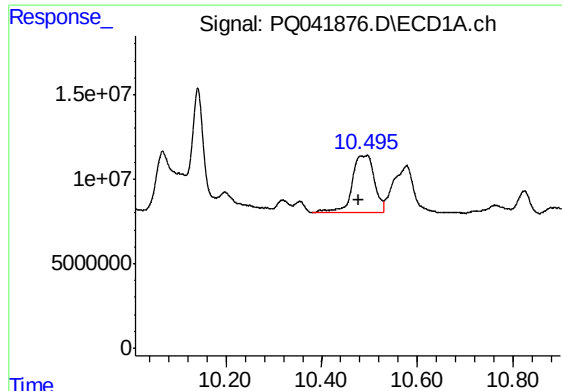
#37 AR-1262-2

R.T.: 10.141 min
Delta R.T.: 0.000 min
Response: 107459278
Conc: 122.75 ng/ml



#37 AR-1262-2

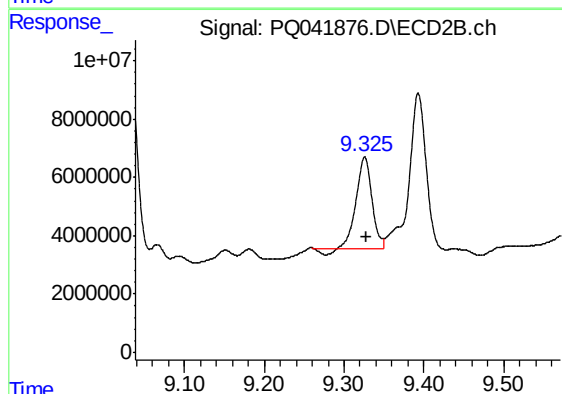
R.T.: 9.032 min
Delta R.T.: -0.002 min
Response: 127119953
Conc: 171.54 ng/ml



#38 AR-1262-3

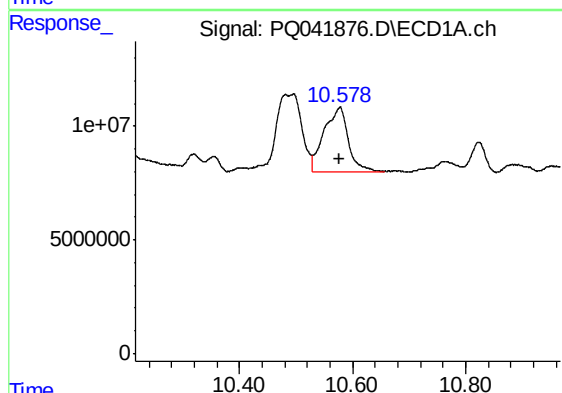
R.T.: 10.495 min
Delta R.T.: 0.018 min
Response: 111222096
Conc: 175.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP05



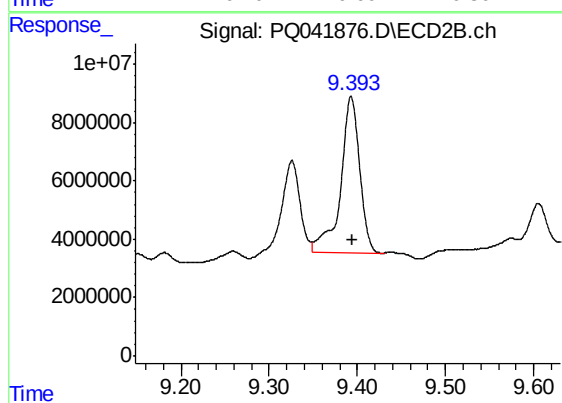
#38 AR-1262-3

R.T.: 9.326 min
Delta R.T.: -0.002 min
Response: 42186012
Conc: 133.34 ng/ml



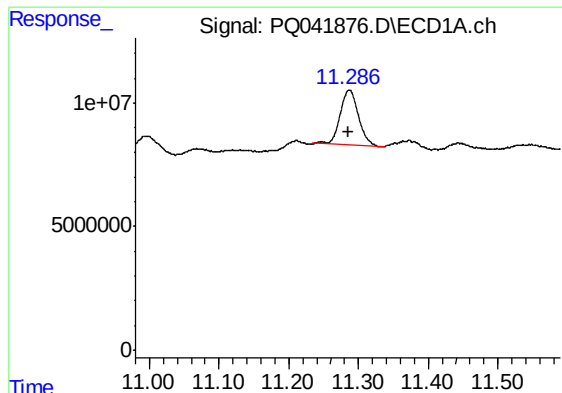
#39 AR-1262-4

R.T.: 10.577 min
Delta R.T.: 0.000 min
Response: 84003459
Conc: 167.77 ng/ml



#39 AR-1262-4

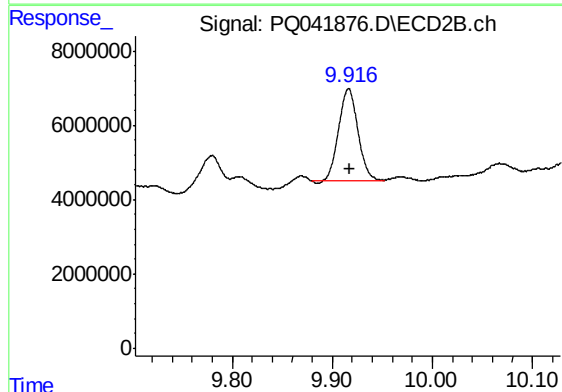
R.T.: 9.393 min
Delta R.T.: -0.002 min
Response: 80942662
Conc: 143.93 ng/ml



#40 AR-1262-5

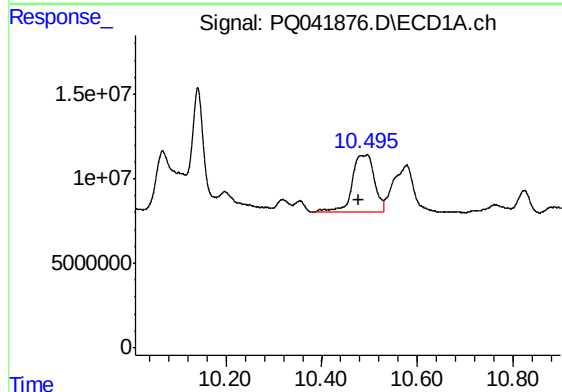
R.T.: 11.287 min
Delta R.T.: 0.000 min
Response: 40499901
Conc: 99.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP05



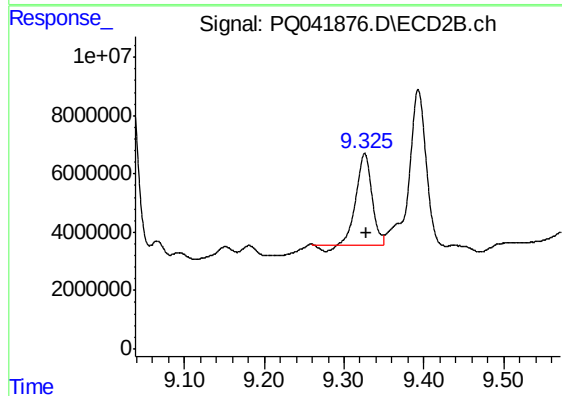
#40 AR-1262-5

R.T.: 9.916 min
Delta R.T.: -0.001 min
Response: 33368363
Conc: 116.83 ng/ml



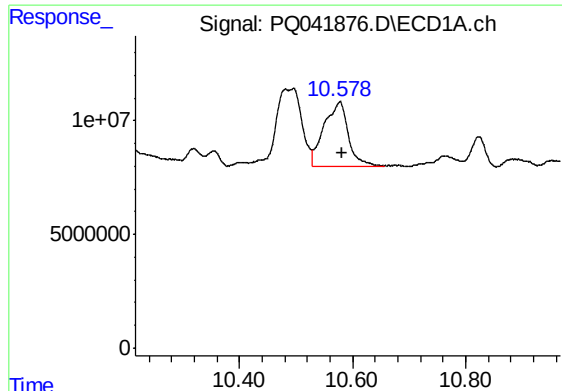
#41 AR-1268-1

R.T.: 10.495 min
Delta R.T.: 0.017 min
Response: 111222096
Conc: 78.08 ng/ml



#41 AR-1268-1

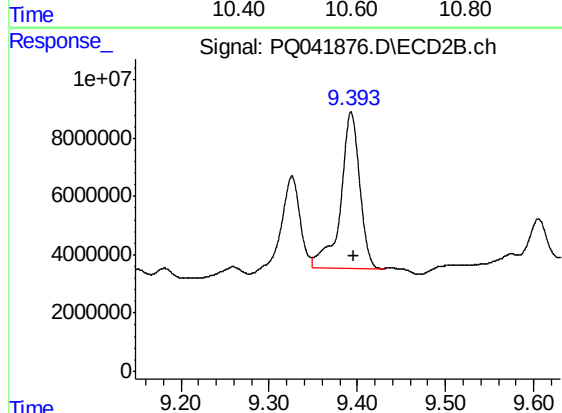
R.T.: 9.326 min
Delta R.T.: -0.003 min
Response: 42186012
Conc: 36.90 ng/ml



#42 AR-1268-2

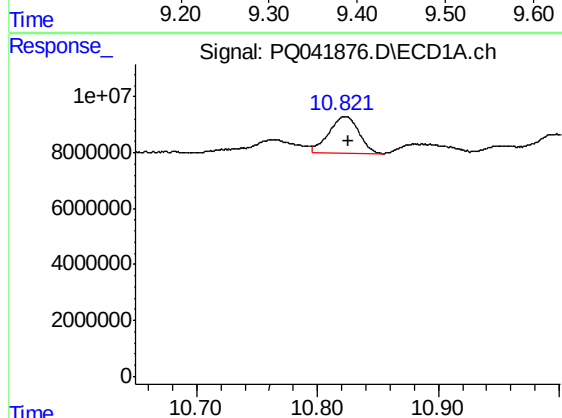
R.T.: 10.577 min
Delta R.T.: -0.004 min
Response: 84003459
Conc: 63.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP05



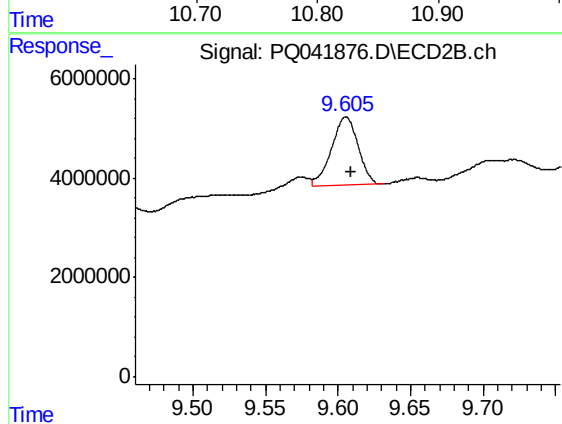
#42 AR-1268-2

R.T.: 9.393 min
Delta R.T.: -0.003 min
Response: 80942662
Conc: 78.85 ng/ml



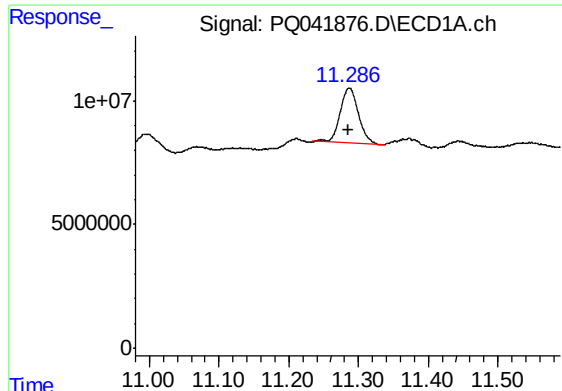
#43 AR-1268-3

R.T.: 10.823 min
Delta R.T.: -0.003 min
Response: 22755043
Conc: 19.45 ng/ml



#43 AR-1268-3

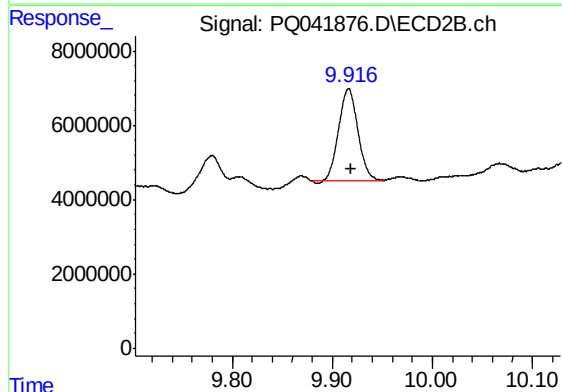
R.T.: 9.605 min
Delta R.T.: -0.004 min
Response: 17394528
Conc: 20.02 ng/ml



#44 AR-1268-4

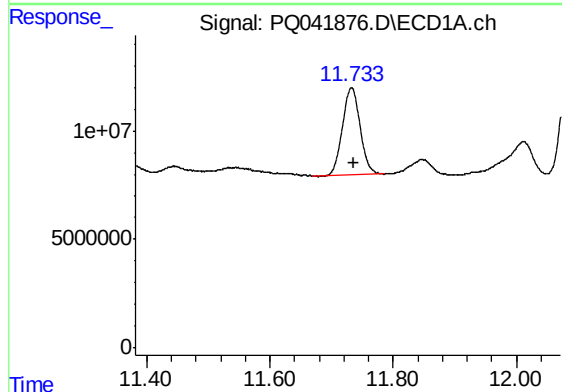
R.T.: 11.287 min
Delta R.T.: 0.000 min
Response: 40499901
Conc: 74.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP05



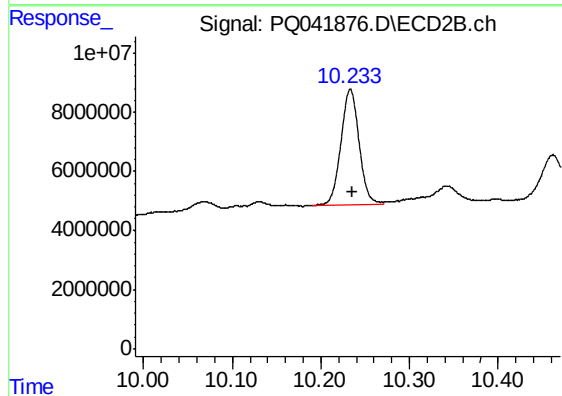
#44 AR-1268-4

R.T.: 9.916 min
Delta R.T.: -0.002 min
Response: 33368363
Conc: 86.75 ng/ml



#45 AR-1268-5

R.T.: 11.733 min
Delta R.T.: -0.002 min
Response: 80084964
Conc: 19.76 ng/ml



#45 AR-1268-5

R.T.: 10.233 min
Delta R.T.: -0.003 min
Response: 55051096
Conc: 21.19 ng/ml