

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
 Data File : PQ041882.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2019 20:29
 Operator : SM\AJ
 Sample : K3962-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BENZ4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 04:27:29 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	4.755	33215441	30654548	14.483	15.906
2) SA Decachlor...	12.095	10.509	167.2E6	135.6E6	19.827	28.022 #
Target Compounds						
3) L1 AR-1016-1	0.000	6.206	0	1601997	N.D.	15.438 #
4) L1 AR-1016-2	0.000	6.229	0	1441360	N.D.	10.060 #
5) L1 AR-1016-3	0.000	6.497	0	6787652	N.D.	91.021 #
6) L1 AR-1016-4	0.000	6.497	0	6787652	N.D.	109.460 #
7) L1 AR-1016-5	0.000	6.750	0	3475708	N.D.	42.697 #
10) L2 AR-1221-3	0.000	5.352	0	6300258	N.D.	115.533 #
11) L3 AR-1232-1	0.000	5.352	0	6300258	N.D.	130.473 #
12) L3 AR-1232-2	0.000	6.229	0	1441360	N.D.	25.275 #
13) L3 AR-1232-3	0.000	6.497	0	6787652	N.D.	227.624 #
14) L3 AR-1232-4	0.000	6.546	0	4407497	N.D.	165.095 #
15) L3 AR-1232-5	0.000	6.750	0	3475708	N.D.	118.519 #
16) L4 AR-1242-1	0.000	6.206	0	1601997	N.D.	19.575 #
17) L4 AR-1242-2	0.000	6.229	0	1441360	N.D.	12.762 #
18) L4 AR-1242-3	0.000	6.497	0	6787652	N.D.	114.903 #
19) L4 AR-1242-4	0.000	6.546	0	4407497	N.D.	74.329 #
20) L4 AR-1242-5	0.000	7.158	0	11059072	N.D.	124.547 #
21) L5 AR-1248-1	0.000	6.206	0	1601997	N.D.	24.161 #
22) L5 AR-1248-2	0.000	6.497	0	6787652	N.D.	77.851 #
23) L5 AR-1248-3	0.000	6.546	0	4407497	N.D.	49.381 #
24) L5 AR-1248-4	0.000	6.750	0	3475708	N.D.	31.557 #
25) L5 AR-1248-5	0.000	7.205	0	5656106	N.D.	44.128 #
26) L6 AR-1254-1	0.000	7.158	0	11059072	N.D.	60.470 #
27) L6 AR-1254-2	8.332	7.327	27599381	9446034	120.583	58.355 #
28) L6 AR-1254-3	8.734	7.773	15114605	29991100	55.278	103.989 #
29) L6 AR-1254-4	0.000	8.022	0	13467575	N.D.	62.042 #
30) L6 AR-1254-5	9.474	8.468	9768856	14615700	36.068	48.595 #
31) L7 AR-1260-1	0.000	7.915	0	18135063	N.D.	99.956 #
32) L7 AR-1260-2	0.000	8.118	0	9566977	N.D.	38.995 #
33) L7 AR-1260-3	0.000	8.282	0	7225682	N.D.	33.959 #
34) L7 AR-1260-4	0.000	8.781	0	5167048	N.D.	25.543 #
35) L7 AR-1260-5	0.000	9.031	0	14182914	N.D.	24.031 #
36) L8 AR-1262-1	0.000	8.564	0	1148123	N.D.	8.003 #
37) L8 AR-1262-2	0.000	9.031	0	14182914	N.D.	19.139 #
38) L8 AR-1262-3	0.000	9.326	0	7430916	N.D.	23.488 #
39) L8 AR-1262-4	0.000	9.369	0	35319234	N.D.	62.805 #
40) L8 AR-1262-5	0.000	9.916	0	4171820	N.D.	14.607 #
41) L9 AR-1268-1	0.000	9.326	0	7430916	N.D.	6.500 #
42) L9 AR-1268-2	0.000	9.369	0	35319234	N.D.	34.405 #
43) L9 AR-1268-3	0.000	9.605	0	2050614	N.D.	2.360 #
44) L9 AR-1268-4	0.000	9.916	0	4171820	N.D.	10.845 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
 Data File : PQ041882.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2019 20:29
 Operator : SM\AJ
 Sample : K3962-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

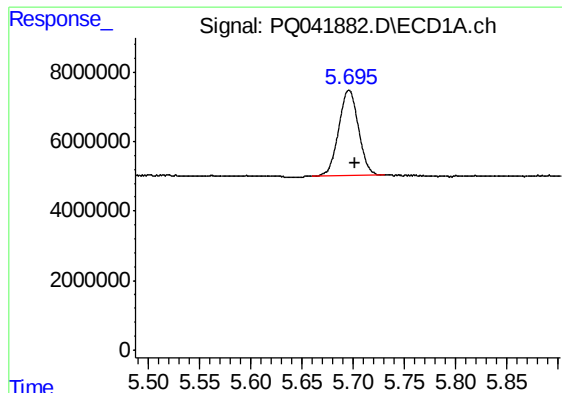
Instrument :
 ECD_Q
 ClientSampleId :
 BENZ4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 04:27:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 2019
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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
45) L9	AR-1268-5	0.000	10.226	0	11055980	N.D.	4.256 #

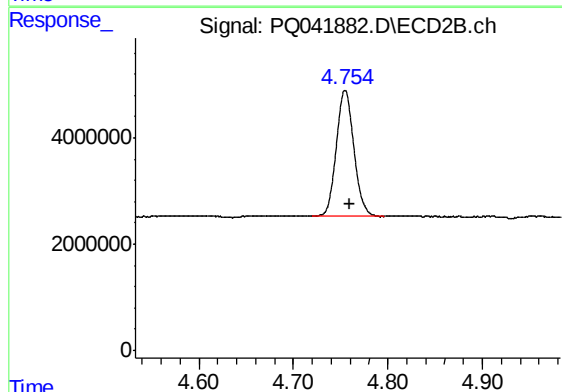
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

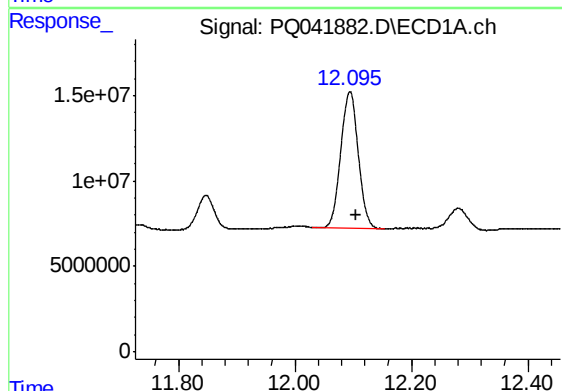
R.T.: 5.696 min
Delta R.T.: -0.005 min
Response: 33215441
Conc: 14.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENZ4



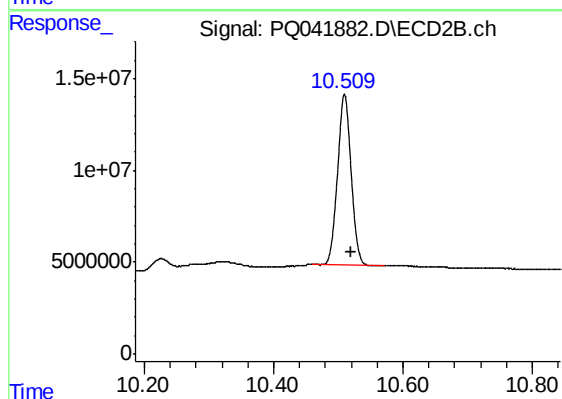
#1 Tetrachloro-m-xylene

R.T.: 4.755 min
Delta R.T.: -0.005 min
Response: 30654548
Conc: 15.91 ng/ml



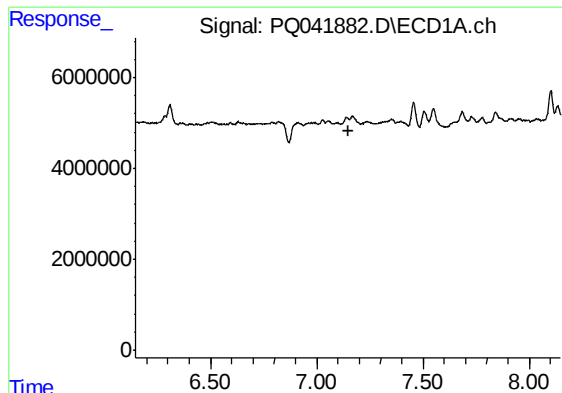
#2 Decachlorobiphenyl

R.T.: 12.095 min
Delta R.T.: -0.011 min
Response: 167163382
Conc: 19.83 ng/ml



#2 Decachlorobiphenyl

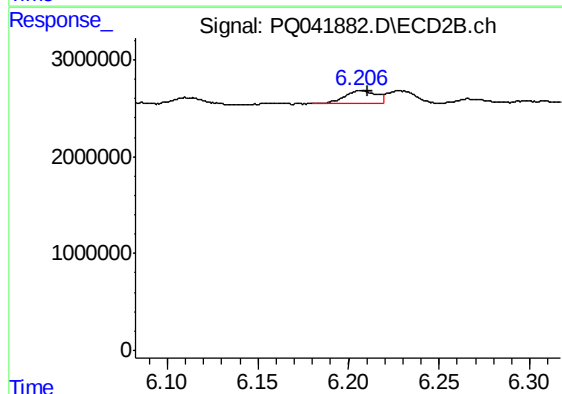
R.T.: 10.509 min
Delta R.T.: -0.010 min
Response: 135552475
Conc: 28.02 ng/ml



#3 AR-1016-1

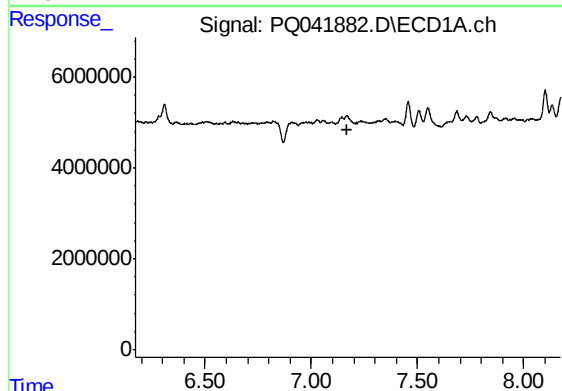
R.T.: 0.000 min
Exp R.T. : 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENZ4



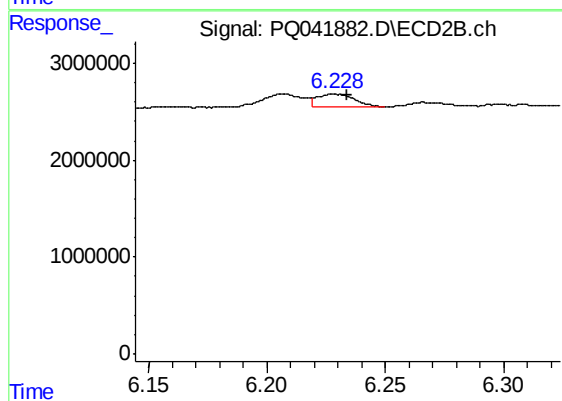
#3 AR-1016-1

R.T.: 6.206 min
Delta R.T.: -0.005 min
Response: 1601997
Conc: 15.44 ng/ml



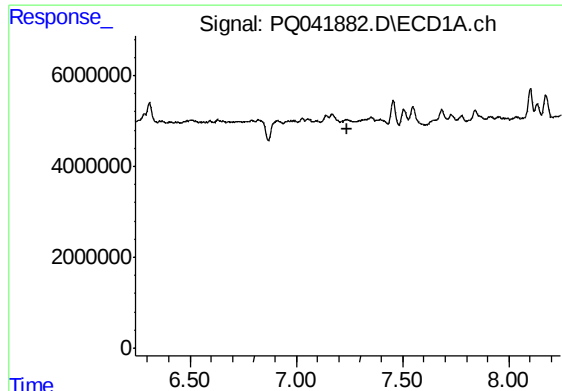
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 7.172 min
Response: 0
Conc: N.D.



#4 AR-1016-2

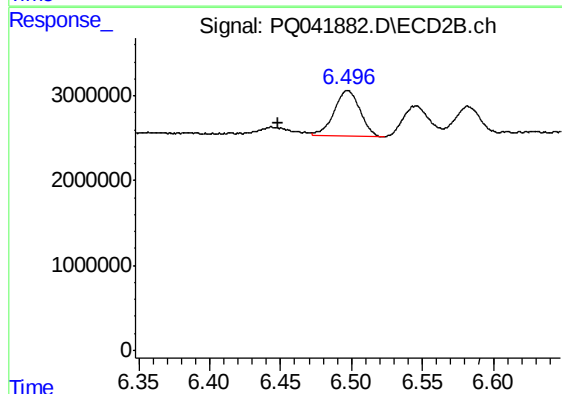
R.T.: 6.229 min
Delta R.T.: -0.005 min
Response: 1441360
Conc: 10.06 ng/ml



#5 AR-1016-3

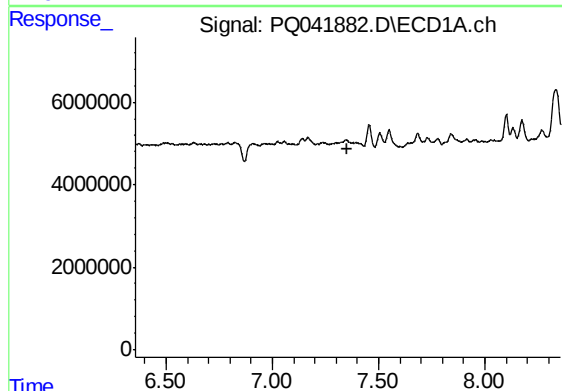
R.T.: 0.000 min
Exp R.T. : 7.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENZ4



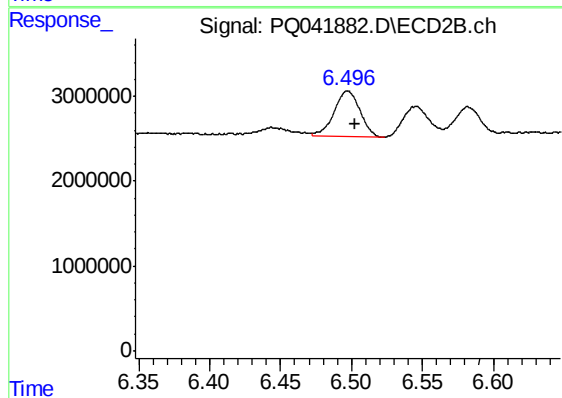
#5 AR-1016-3

R.T.: 6.497 min
Delta R.T.: 0.049 min
Response: 6787652
Conc: 91.02 ng/ml



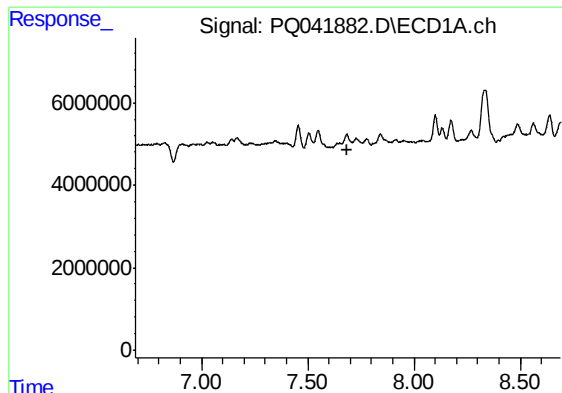
#6 AR-1016-4

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



#6 AR-1016-4

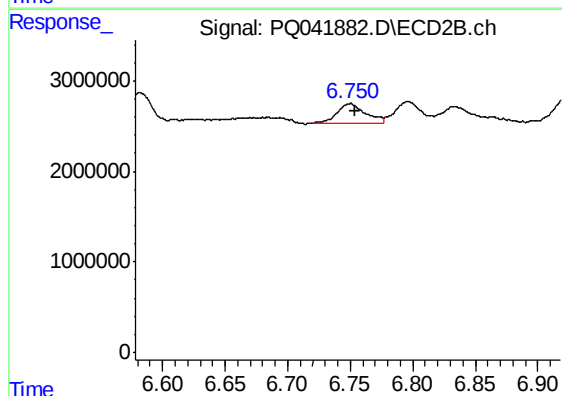
R.T.: 6.497 min
Delta R.T.: -0.005 min
Response: 6787652
Conc: 109.46 ng/ml



#7 AR-1016-5

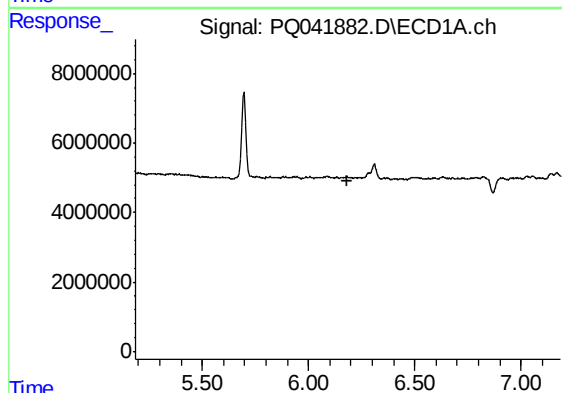
R.T.: 0.000 min
Exp R.T. : 7.689 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENZ4



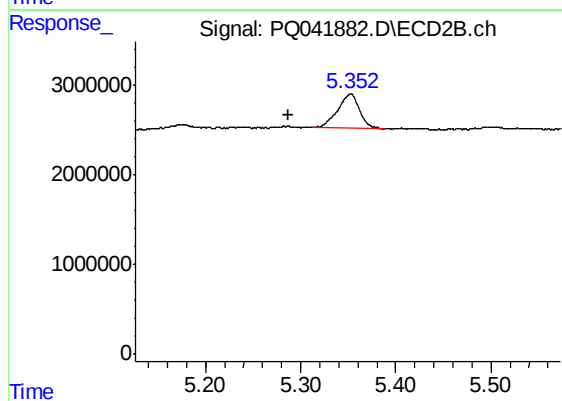
#7 AR-1016-5

R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 3475708
Conc: 42.70 ng/ml



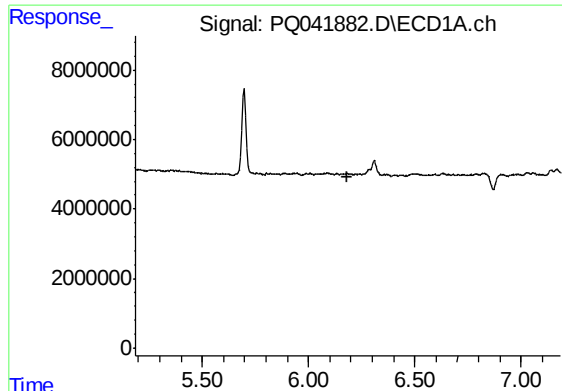
#10 AR-1221-3

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



#10 AR-1221-3

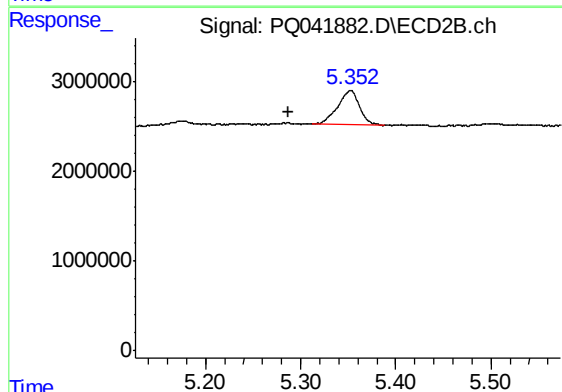
R.T.: 5.352 min
Delta R.T.: 0.065 min
Response: 6300258
Conc: 115.53 ng/ml



#11 AR-1232-1

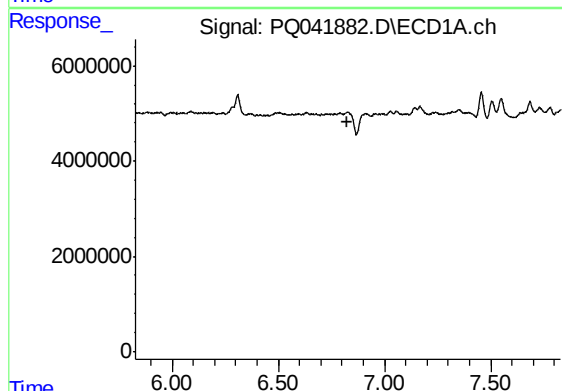
R.T.: 0.000 min
Exp R.T. : 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENZ4



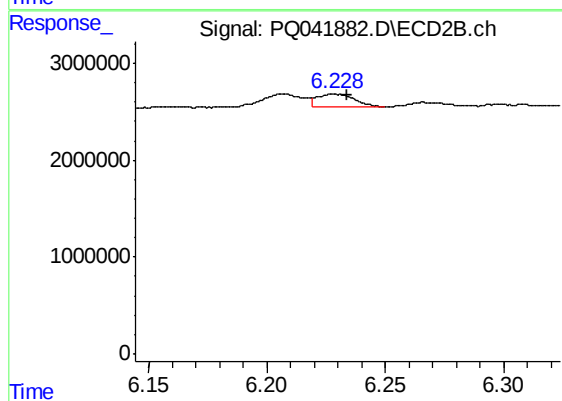
#11 AR-1232-1

R.T.: 5.352 min
Delta R.T.: 0.065 min
Response: 6300258
Conc: 130.47 ng/ml



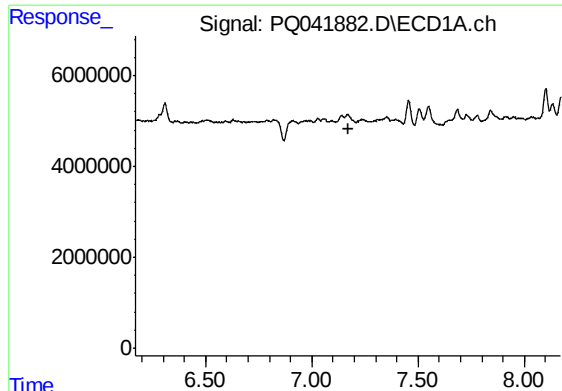
#12 AR-1232-2

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



#12 AR-1232-2

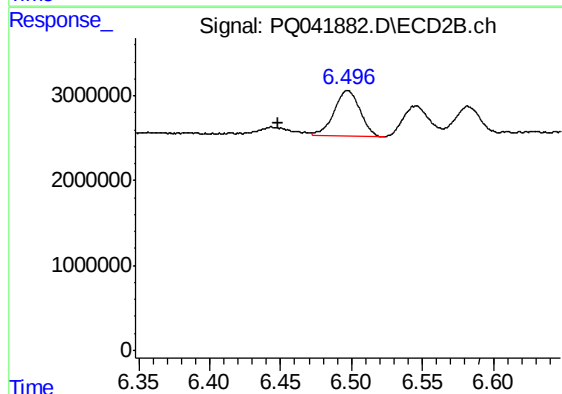
R.T.: 6.229 min
Delta R.T.: -0.005 min
Response: 1441360
Conc: 25.27 ng/ml



#13 AR-1232-3

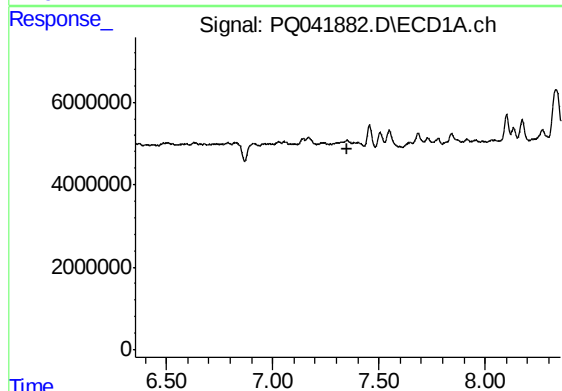
R.T.: 0.000 min
Exp R.T. : 7.170 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENZ4



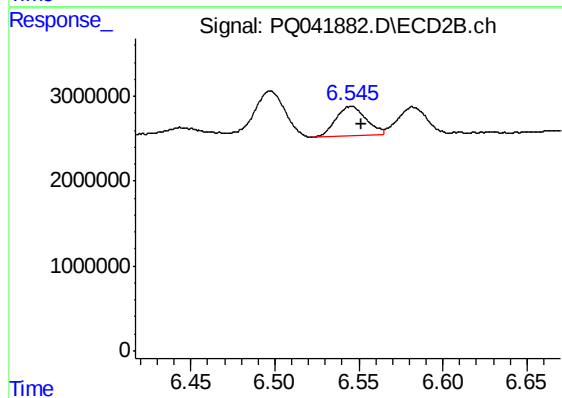
#13 AR-1232-3

R.T.: 6.497 min
Delta R.T.: 0.049 min
Response: 6787652
Conc: 227.62 ng/ml



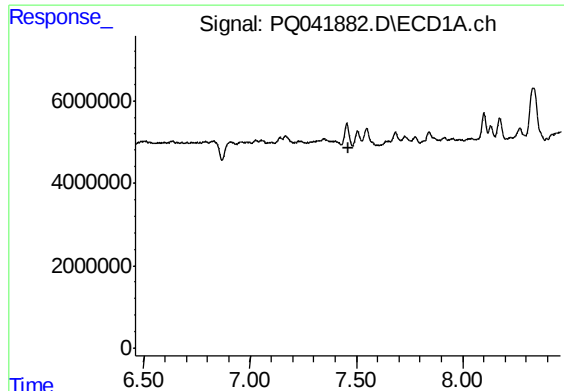
#14 AR-1232-4

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



#14 AR-1232-4

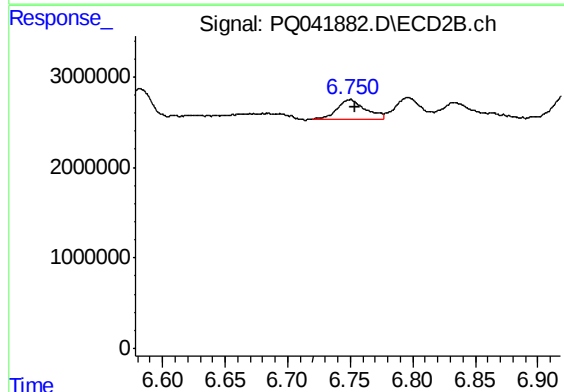
R.T.: 6.546 min
Delta R.T.: -0.006 min
Response: 4407497
Conc: 165.10 ng/ml



#15 AR-1232-5

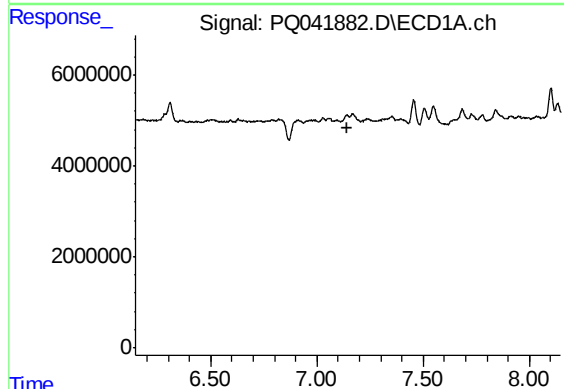
R.T.: 0.000 min
Exp R.T.: 7.461 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENZ4



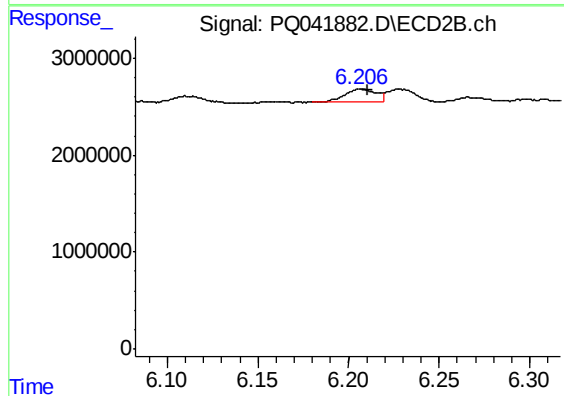
#15 AR-1232-5

R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 3475708
Conc: 118.52 ng/ml



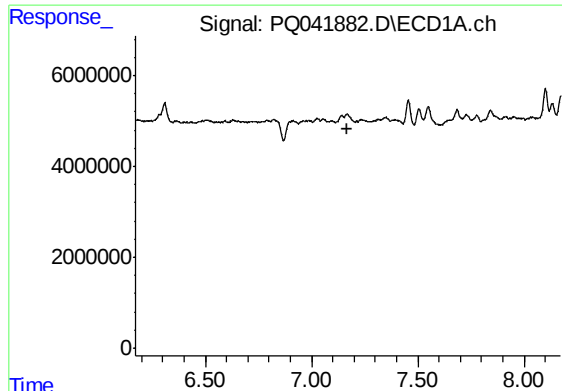
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 7.146 min
Response: 0
Conc: N.D.



#16 AR-1242-1

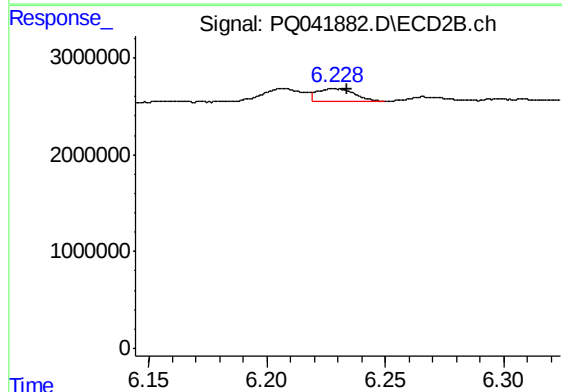
R.T.: 6.206 min
Delta R.T.: -0.005 min
Response: 1601997
Conc: 19.57 ng/ml



#17 AR-1242-2

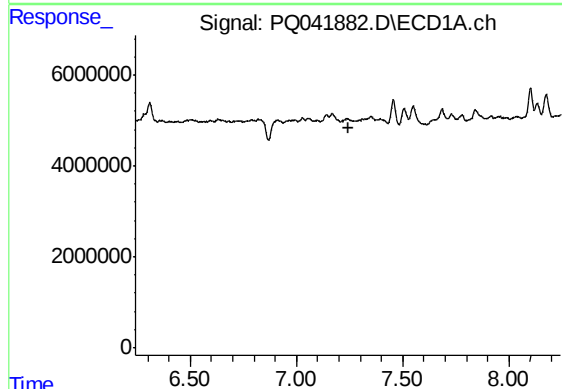
R.T.: 0.000 min
Exp R.T. : 7.171 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENZ4



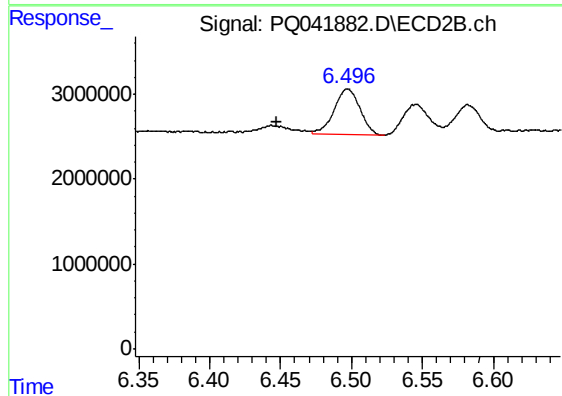
#17 AR-1242-2

R.T.: 6.229 min
Delta R.T.: -0.005 min
Response: 1441360
Conc: 12.76 ng/ml



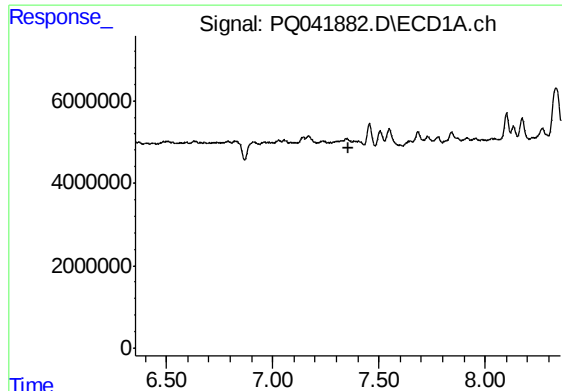
#18 AR-1242-3

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



#18 AR-1242-3

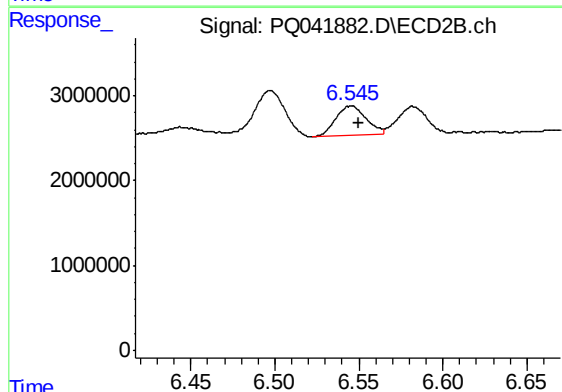
R.T.: 6.497 min
Delta R.T.: 0.050 min
Response: 6787652
Conc: 114.90 ng/ml



#19 AR-1242-4

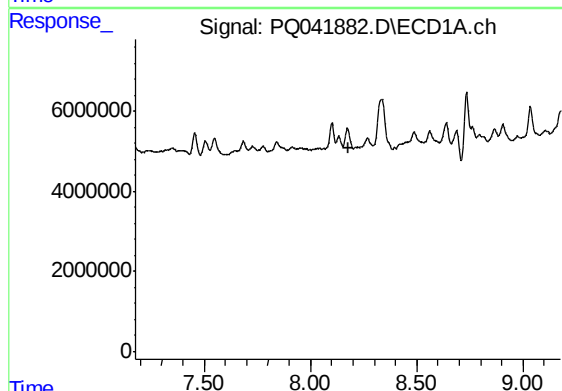
R.T.: 0.000 min
Exp R.T.: 7.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENZ4



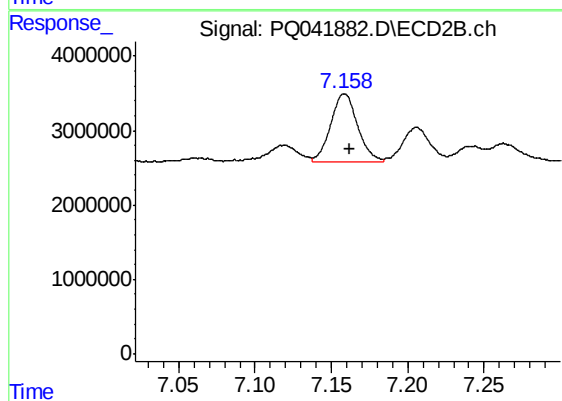
#19 AR-1242-4

R.T.: 6.546 min
Delta R.T.: -0.005 min
Response: 4407497
Conc: 74.33 ng/ml



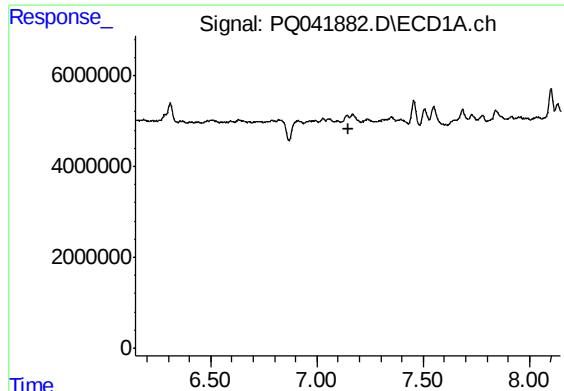
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 8.177 min
Response: 0
Conc: N.D.



#20 AR-1242-5

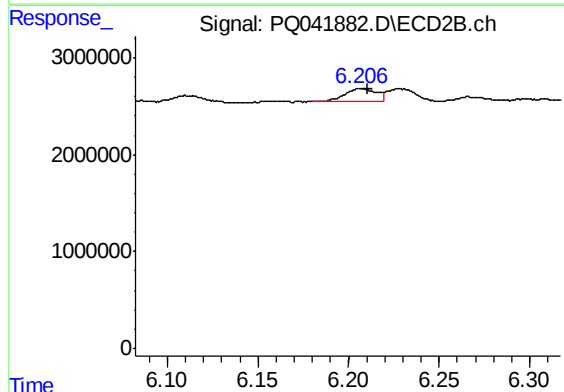
R.T.: 7.158 min
Delta R.T.: -0.004 min
Response: 11059072
Conc: 124.55 ng/ml



#21 AR-1248-1

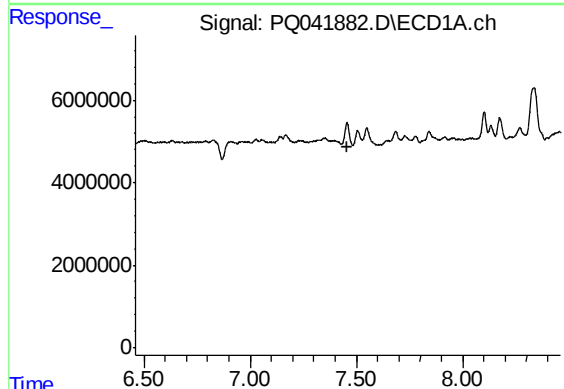
R.T.: 0.000 min
Exp R.T. : 7.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENZ4



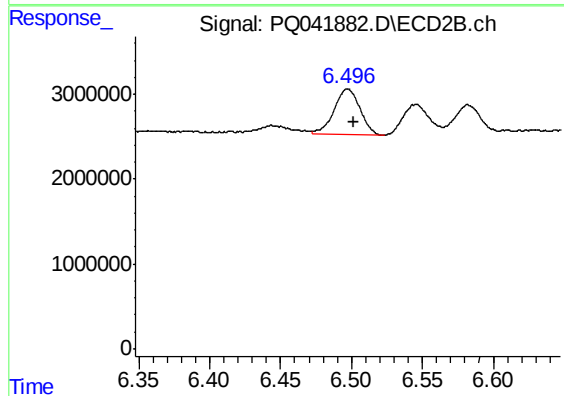
#21 AR-1248-1

R.T.: 6.206 min
Delta R.T.: -0.005 min
Response: 1601997
Conc: 24.16 ng/ml



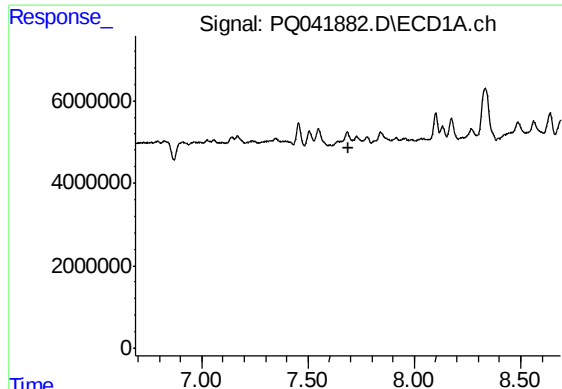
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 7.460 min
Response: 0
Conc: N.D.



#22 AR-1248-2

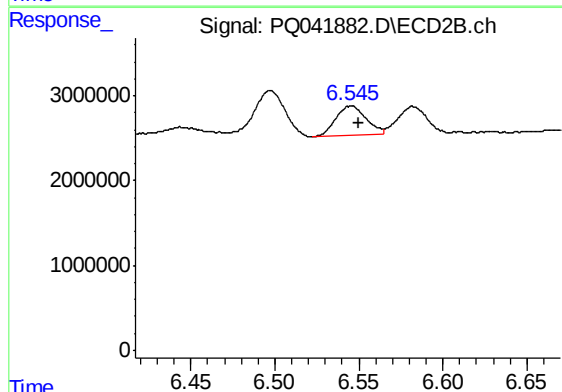
R.T.: 6.497 min
Delta R.T.: -0.005 min
Response: 6787652
Conc: 77.85 ng/ml



#23 AR-1248-3

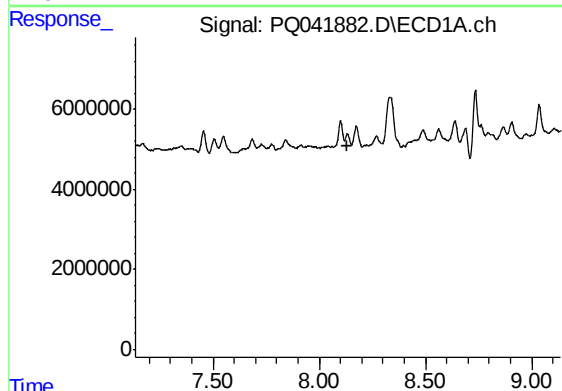
R.T.: 0.000 min
Exp R.T.: 7.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENZ4



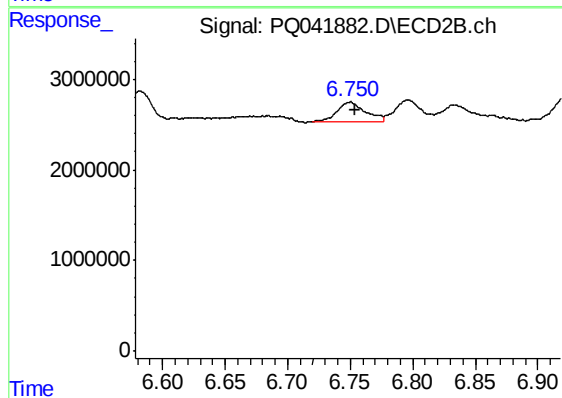
#23 AR-1248-3

R.T.: 6.546 min
Delta R.T.: -0.005 min
Response: 4407497
Conc: 49.38 ng/ml



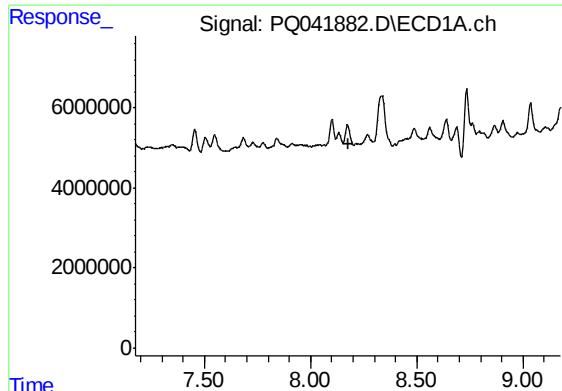
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 8.135 min
Response: 0
Conc: N.D.



#24 AR-1248-4

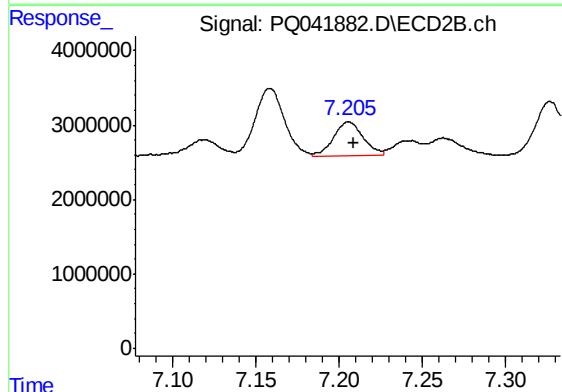
R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 3475708
Conc: 31.56 ng/ml



#25 AR-1248-5

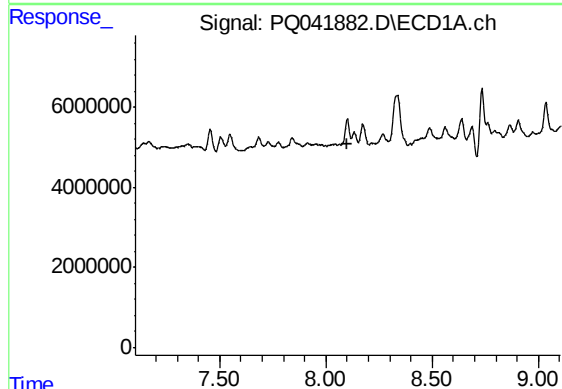
R.T.: 0.000 min
Exp R.T. : 8.176 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENZ4



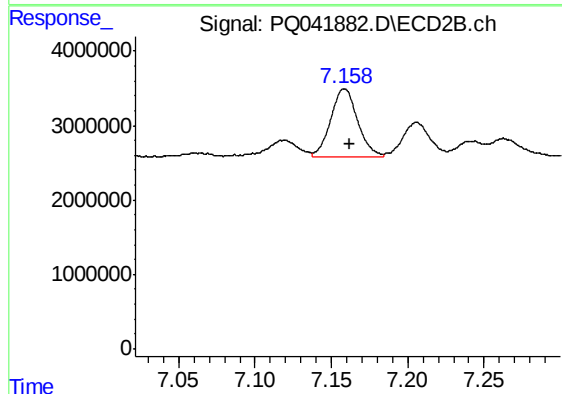
#25 AR-1248-5

R.T.: 7.205 min
Delta R.T.: -0.004 min
Response: 5656106
Conc: 44.13 ng/ml



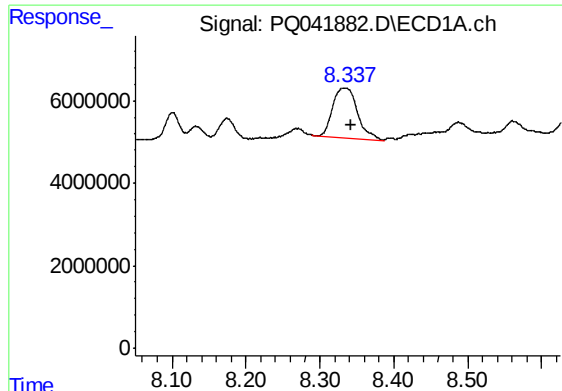
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 8.104 min
Response: 0
Conc: N.D.



#26 AR-1254-1

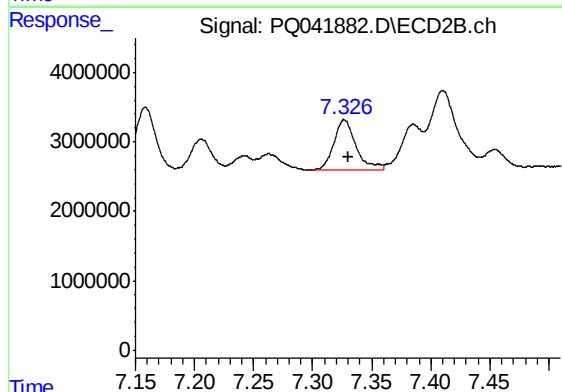
R.T.: 7.158 min
Delta R.T.: -0.004 min
Response: 11059072
Conc: 60.47 ng/ml



#27 AR-1254-2

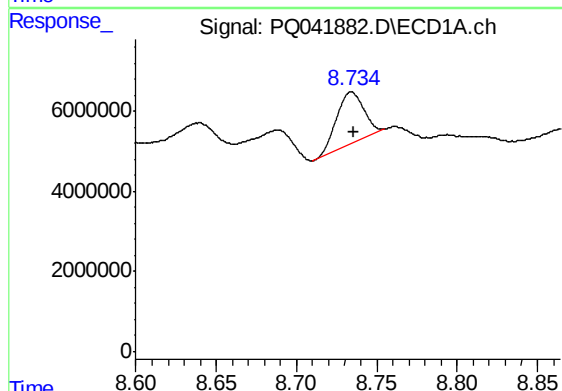
R.T.: 8.332 min
Delta R.T.: -0.010 min
Response: 27599381
Conc: 120.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENZ4



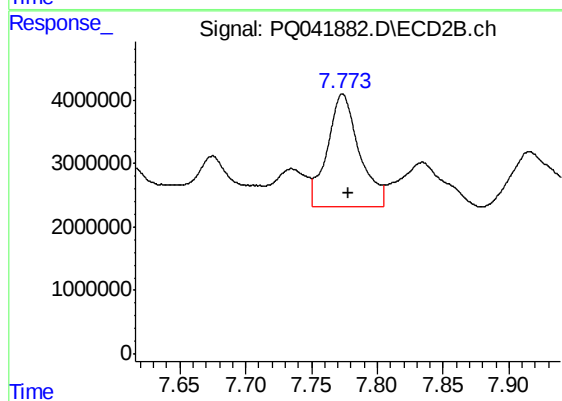
#27 AR-1254-2

R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 9446034
Conc: 58.36 ng/ml



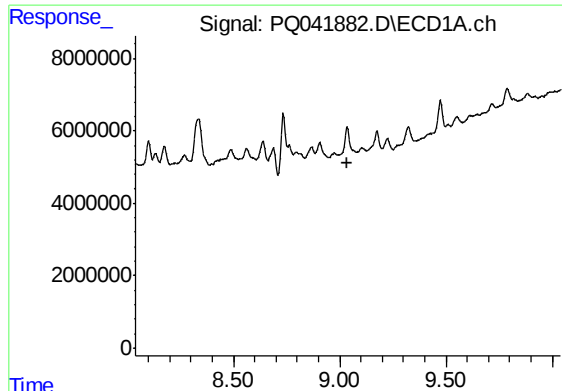
#28 AR-1254-3

R.T.: 8.734 min
Delta R.T.: 0.000 min
Response: 15114605
Conc: 55.28 ng/ml



#28 AR-1254-3

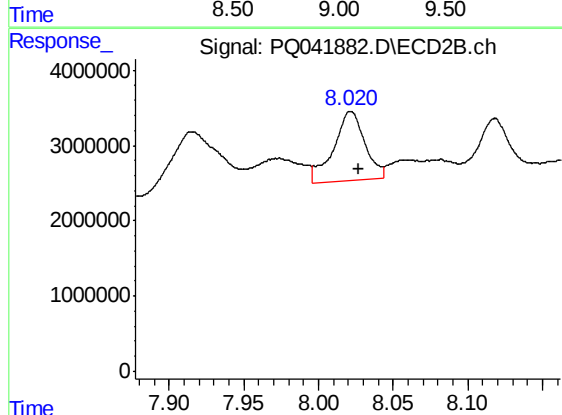
R.T.: 7.773 min
Delta R.T.: -0.004 min
Response: 29991100
Conc: 103.99 ng/ml



#29 AR-1254-4

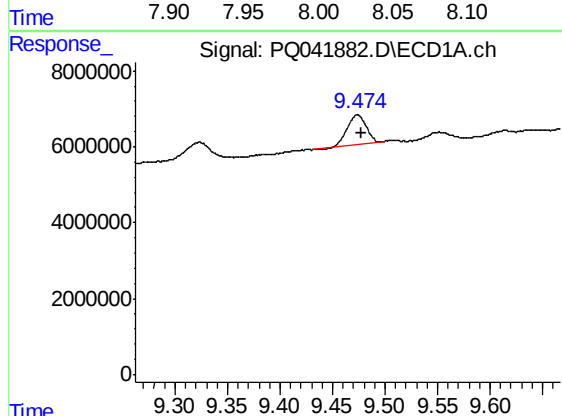
R.T.: 0.000 min
Exp R.T.: 9.039 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENZ4



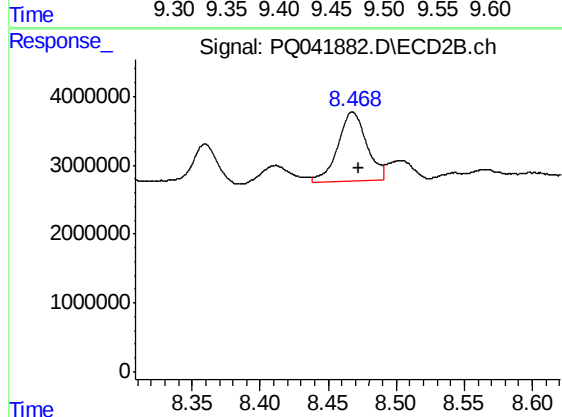
#29 AR-1254-4

R.T.: 8.022 min
Delta R.T.: -0.005 min
Response: 13467575
Conc: 62.04 ng/ml



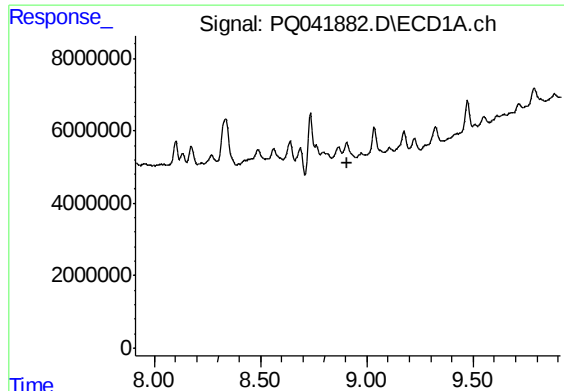
#30 AR-1254-5

R.T.: 9.474 min
Delta R.T.: -0.003 min
Response: 9768856
Conc: 36.07 ng/ml



#30 AR-1254-5

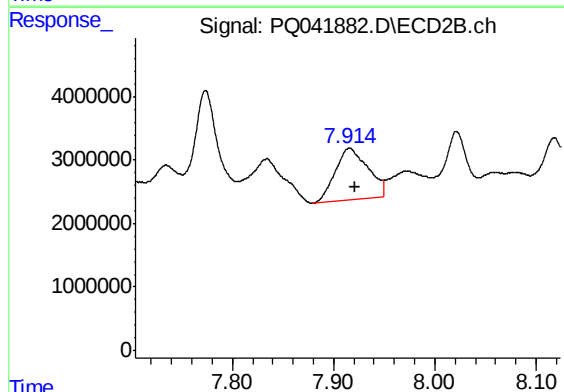
R.T.: 8.468 min
Delta R.T.: -0.005 min
Response: 14615700
Conc: 48.59 ng/ml



#31 AR-1260-1

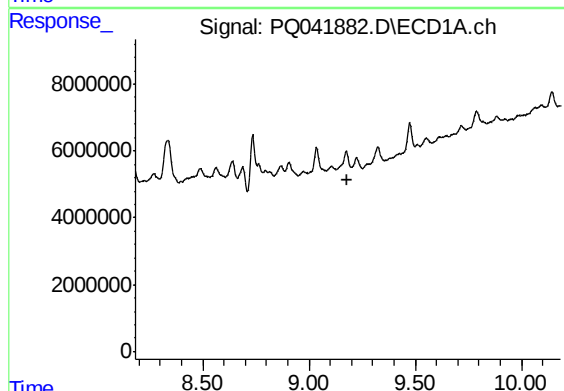
R.T.: 0.000 min
Exp R.T. : 8.912 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENZ4



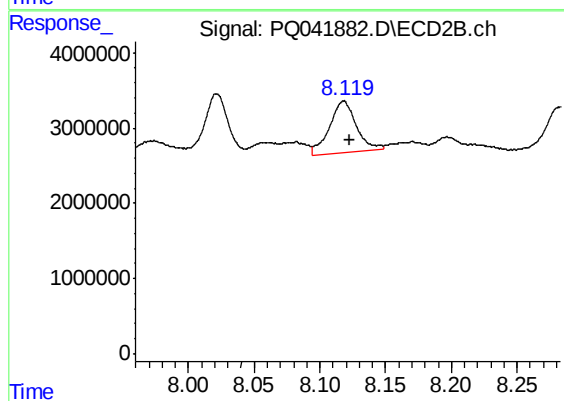
#31 AR-1260-1

R.T.: 7.915 min
Delta R.T.: -0.006 min
Response: 18135063
Conc: 99.96 ng/ml



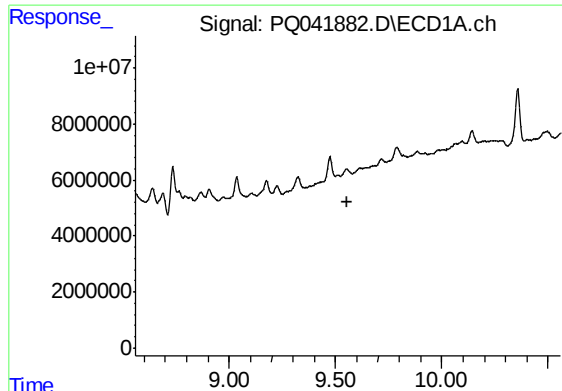
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 9.183 min
Response: 0
Conc: N.D.



#32 AR-1260-2

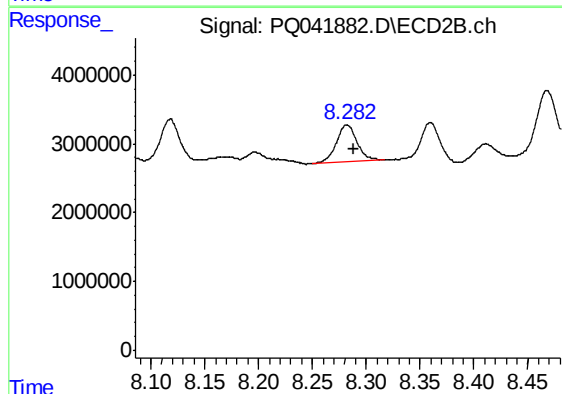
R.T.: 8.118 min
Delta R.T.: -0.005 min
Response: 9566977
Conc: 39.00 ng/ml



#33 AR-1260-3

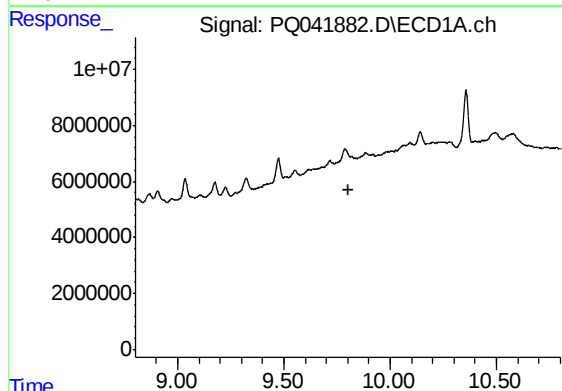
R.T.: 0.000 min
Exp R.T. : 9.558 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENZ4



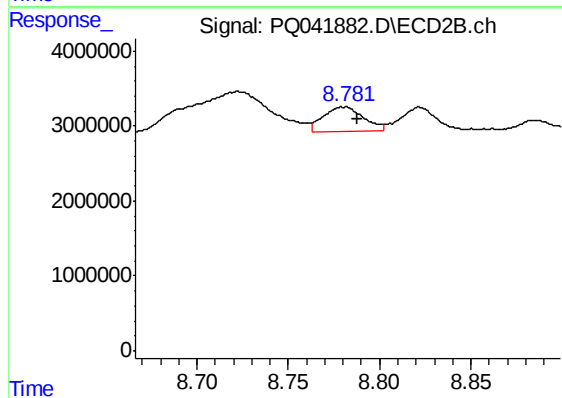
#33 AR-1260-3

R.T.: 8.282 min
Delta R.T.: -0.007 min
Response: 7225682
Conc: 33.96 ng/ml



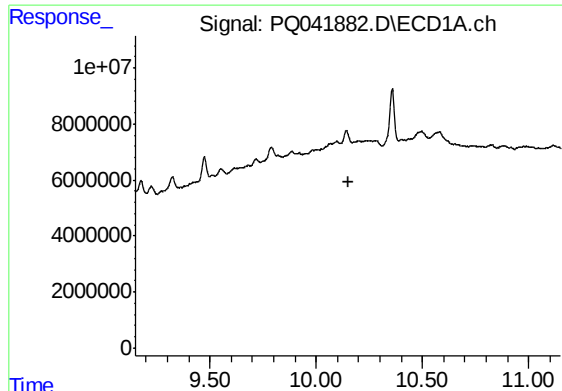
#34 AR-1260-4

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



#34 AR-1260-4

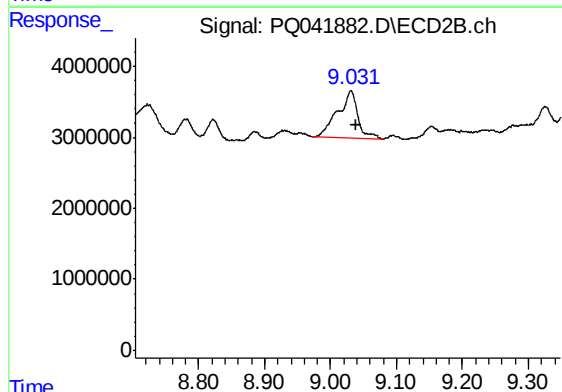
R.T.: 8.781 min
Delta R.T.: -0.007 min
Response: 5167048
Conc: 25.54 ng/ml



#35 AR-1260-5

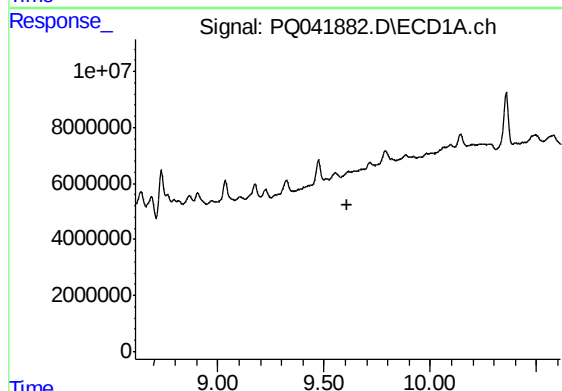
R.T.: 0.000 min
Exp R.T. : 10.149 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENZ4



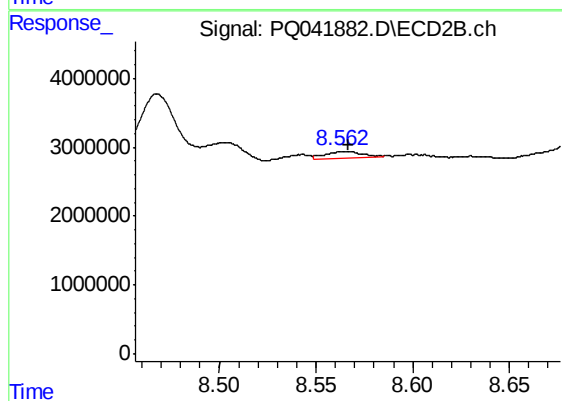
#35 AR-1260-5

R.T.: 9.031 min
Delta R.T.: -0.008 min
Response: 14182914
Conc: 24.03 ng/ml



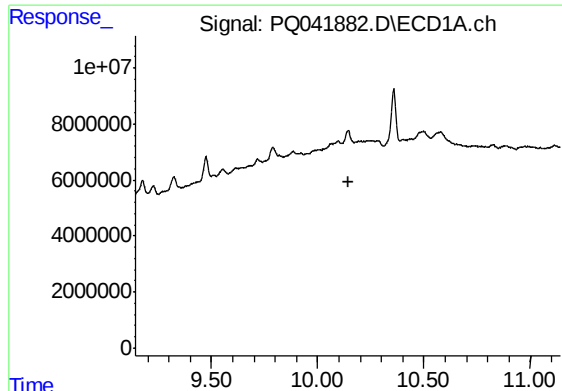
#36 AR-1262-1

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



#36 AR-1262-1

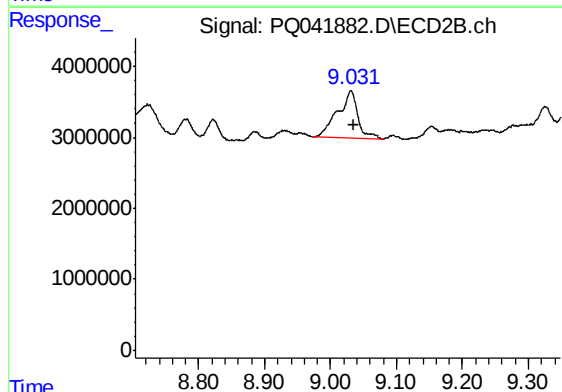
R.T.: 8.564 min
Delta R.T.: -0.003 min
Response: 1148123
Conc: 8.00 ng/ml



#37 AR-1262-2

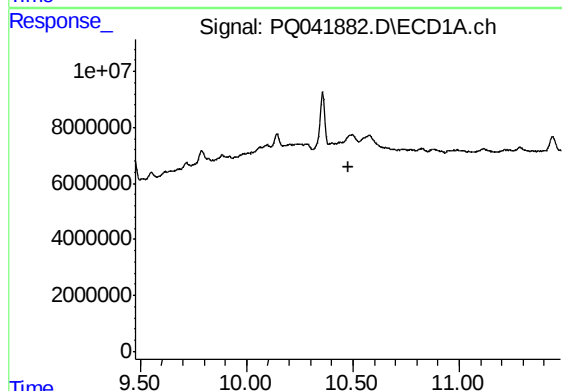
R.T.: 0.000 min
Exp R.T. : 10.142 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENZ4



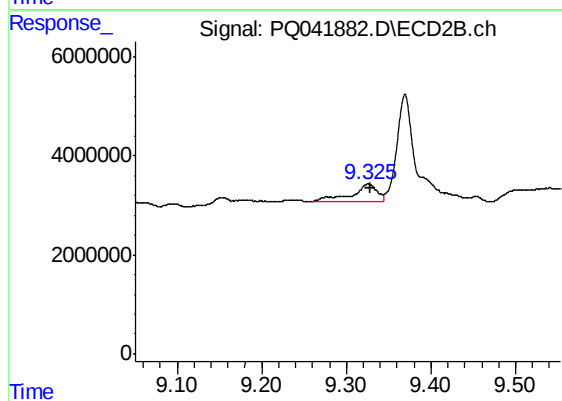
#37 AR-1262-2

R.T.: 9.031 min
Delta R.T.: -0.003 min
Response: 14182914
Conc: 19.14 ng/ml



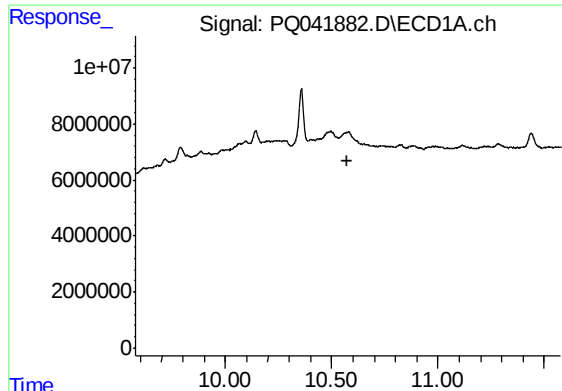
#38 AR-1262-3

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



#38 AR-1262-3

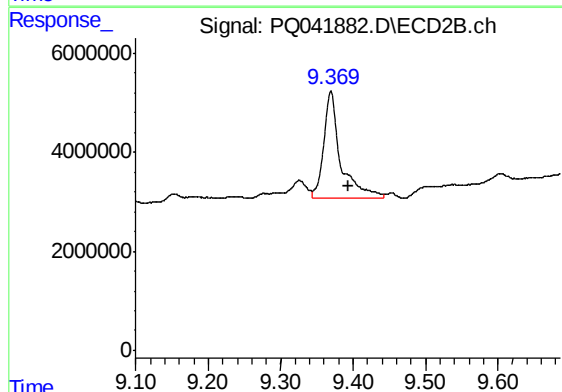
R.T.: 9.326 min
Delta R.T.: -0.002 min
Response: 7430916
Conc: 23.49 ng/ml



#39 AR-1262-4

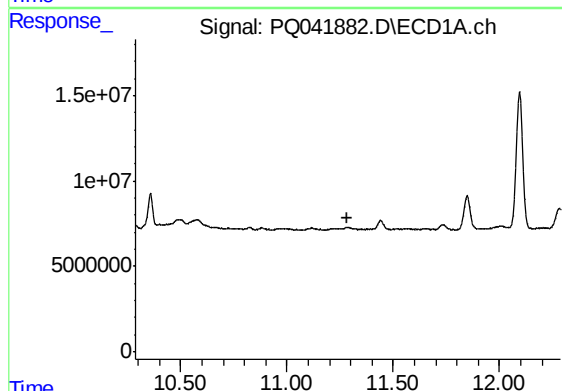
R.T.: 0.000 min
Exp R.T. : 10.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENZ4



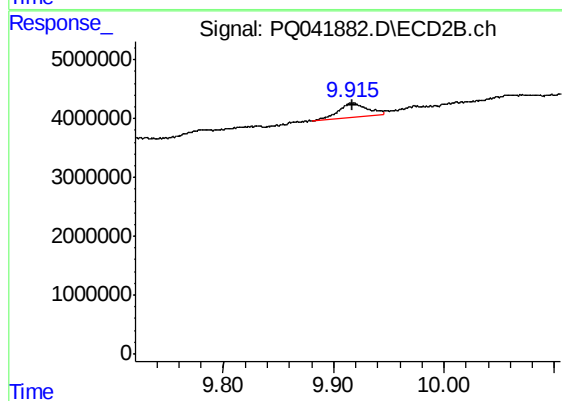
#39 AR-1262-4

R.T.: 9.369 min
Delta R.T.: -0.025 min
Response: 35319234
Conc: 62.80 ng/ml



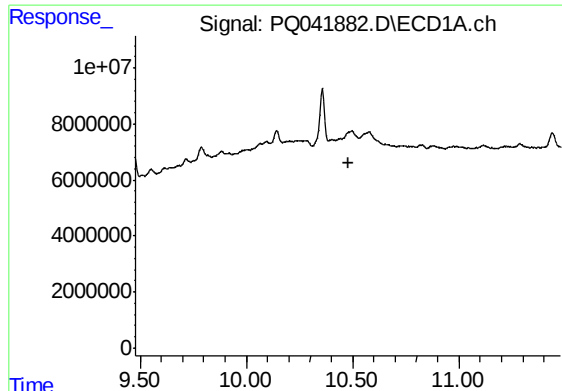
#40 AR-1262-5

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



#40 AR-1262-5

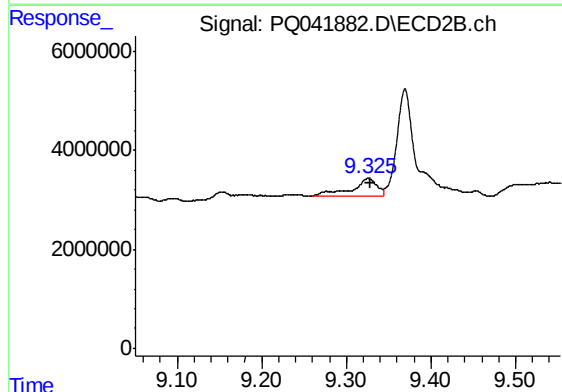
R.T.: 9.916 min
Delta R.T.: -0.001 min
Response: 4171820
Conc: 14.61 ng/ml



#41 AR-1268-1

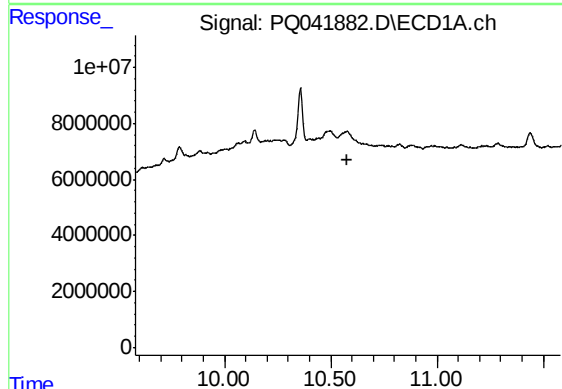
R.T.: 0.000 min
Exp R.T. : 10.478 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENZ4



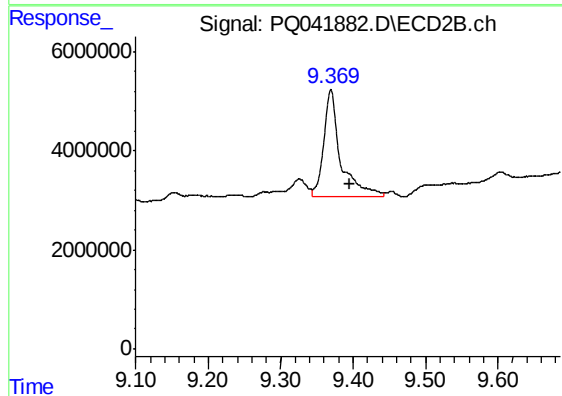
#41 AR-1268-1

R.T.: 9.326 min
Delta R.T.: -0.003 min
Response: 7430916
Conc: 6.50 ng/ml



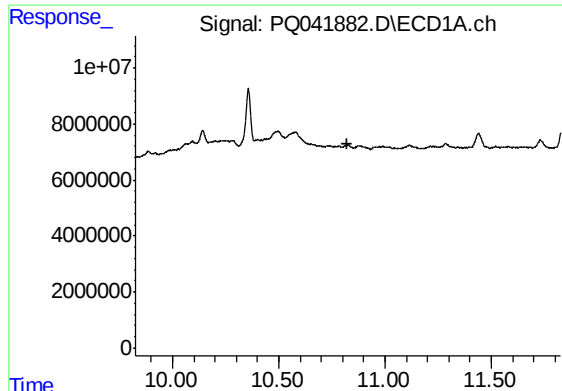
#42 AR-1268-2

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



#42 AR-1268-2

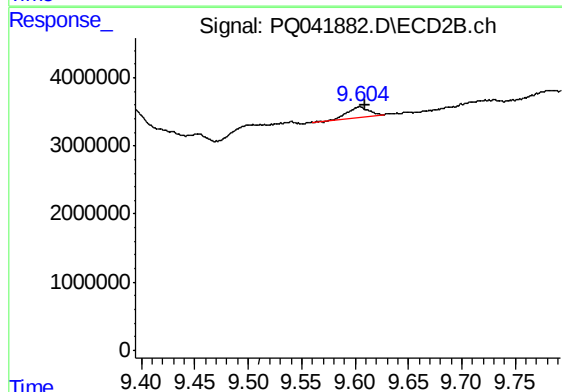
R.T.: 9.369 min
Delta R.T.: -0.026 min
Response: 35319234
Conc: 34.41 ng/ml



#43 AR-1268-3

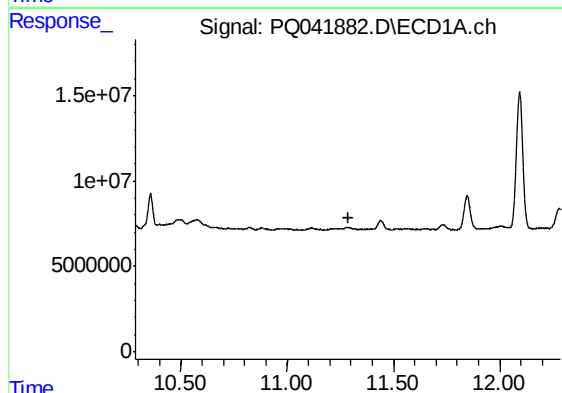
R.T.: 0.000 min
Exp R.T. : 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENZ4



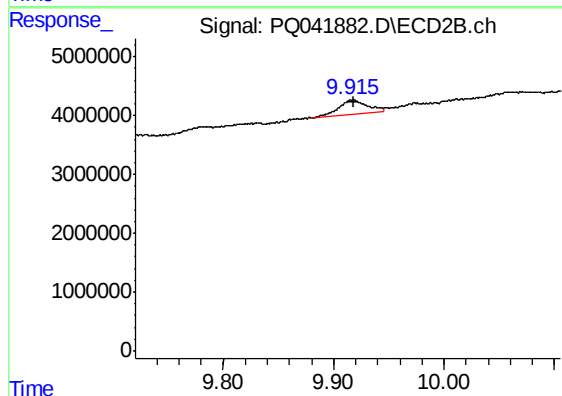
#43 AR-1268-3

R.T.: 9.605 min
Delta R.T.: -0.005 min
Response: 2050614
Conc: 2.36 ng/ml



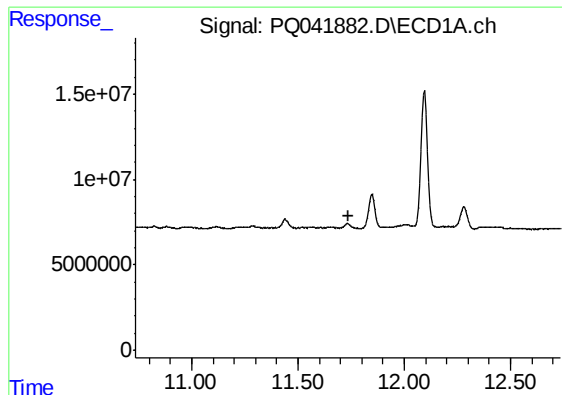
#44 AR-1268-4

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



#44 AR-1268-4

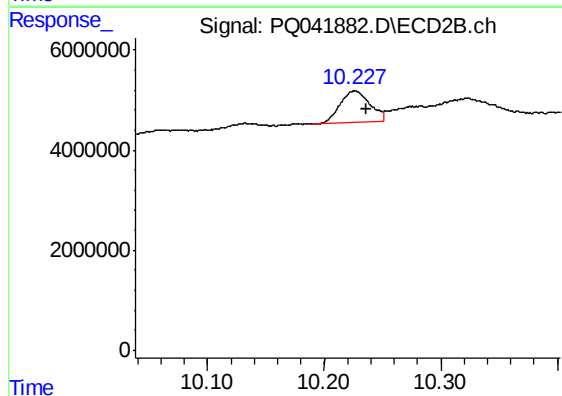
R.T.: 9.916 min
Delta R.T.: -0.002 min
Response: 4171820
Conc: 10.85 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_Q
ClientSampleId :
BENZ4



#45 AR-1268-5

R.T.: 10.226 min
Delta R.T.: -0.010 min
Response: 11055980
Conc: 4.26 ng/ml