

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
 Data File : PQ041894.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2019 00:33
 Operator : SM\AJ
 Sample : K4029-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BENQ8

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 05:49:00 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	36137768	30623437	15.757	15.890
2) SA Decachlor...	12.087	10.506	151.2E6	96006750	17.933	19.847
Target Compounds						
3) L1 AR-1016-1	0.000	6.206	0	1661471	N.D.	16.011 #
4) L1 AR-1016-2	0.000	6.228	0	1630847	N.D.	11.383 #
5) L1 AR-1016-3	0.000	6.497	0	2481377	N.D.	33.275 #
6) L1 AR-1016-4	0.000	6.497	0	2481377	N.D.	40.016 #
7) L1 AR-1016-5	0.000	6.750	0	1760898	N.D.	21.632 #
10) L2 AR-1221-3	0.000	5.352	0	2784482	N.D.	51.061 #
11) L3 AR-1232-1	0.000	5.352	0	2784482	N.D.	57.664 #
12) L3 AR-1232-2	0.000	6.228	0	1630847	N.D.	28.597 #
13) L3 AR-1232-3	0.000	6.497	0	2481377	N.D.	83.213 #
14) L3 AR-1232-4	0.000	6.544	0	2236419	N.D.	83.771 #
15) L3 AR-1232-5	0.000	6.750	0	1760898	N.D.	60.045 #
16) L4 AR-1242-1	0.000	6.206	0	1661471	N.D.	20.302 #
17) L4 AR-1242-2	0.000	6.228	0	1630847	N.D.	14.440 #
18) L4 AR-1242-3	0.000	6.497	0	2481377	N.D.	42.005 #
19) L4 AR-1242-4	0.000	6.544	0	2236419	N.D.	37.715 #
20) L4 AR-1242-5	0.000	7.157	0	4362810	N.D.	49.134 #
21) L5 AR-1248-1	0.000	6.206	0	1661471	N.D.	25.058 #
22) L5 AR-1248-2	0.000	6.497	0	2481377	N.D.	28.460 #
23) L5 AR-1248-3	0.000	6.544	0	2236419	N.D.	25.056 #
24) L5 AR-1248-4	0.000	6.750	0	1760898	N.D.	15.988 #
25) L5 AR-1248-5	0.000	7.205	0	2608465	N.D.	20.351 #
26) L6 AR-1254-1	0.000	7.157	0	4362810	N.D.	23.856 #
27) L6 AR-1254-2	8.339	7.327	5615932	2299242	24.536	14.204 #
28) L6 AR-1254-3	8.733	7.772	8259884	6012176	30.209	20.846 #
29) L6 AR-1254-4	9.033	8.021	6851985	6950603	27.834	32.020
30) L6 AR-1254-5	9.470	8.466	13189728	12410637	48.698	41.263
31) L7 AR-1260-1	0.000	7.913	0	5996895	N.D.	33.054 #
32) L7 AR-1260-2	9.173	8.117	6408536	6990045	25.403	28.492
33) L7 AR-1260-3	9.549	8.281	4127795	3772926	18.015	17.732
34) L7 AR-1260-4	9.809	8.778	357649	2171083	1.401	10.733 #
35) L7 AR-1260-5	10.138	9.029	7790319	10395401	11.565	17.613 #
36) L8 AR-1262-1	9.549	8.565	4127795	1893899	26.857	13.201 #
37) L8 AR-1262-2	10.138	9.029	7790319	10395401	8.899	14.028 #
38) L8 AR-1262-3	10.492	9.322	5985934	3499764	9.427	11.062
39) L8 AR-1262-4	0.000	9.391	0	4293723	N.D.	7.635 #
40) L8 AR-1262-5	0.000	9.927	0	14961409	N.D.	52.385 #
41) L9 AR-1268-1	10.492	9.322	5985934	3499764	4.202	3.061 #
42) L9 AR-1268-2	0.000	9.391	0	4293723	N.D.	4.183 #
43) L9 AR-1268-3	0.000	9.602	0	2942865	N.D.	3.387 #
44) L9 AR-1268-4	0.000	9.927	0	14961409	N.D.	38.894 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 00:33
Operator : SM\AJ
Sample : K4029-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

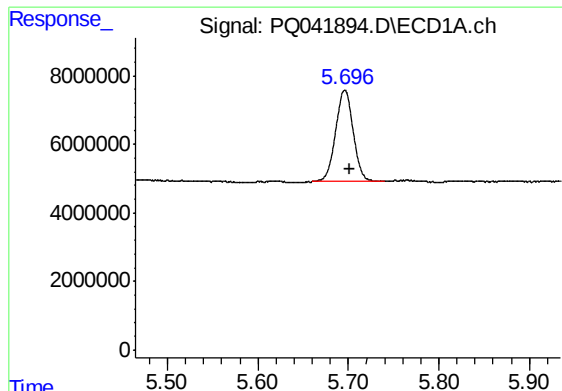
Instrument :
ECD_Q
ClientSampleId :
BENQ8

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 05:49:00 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
45) L9	AR-1268-5	11.728	10.229	6970319	4346351	1.720	1.673

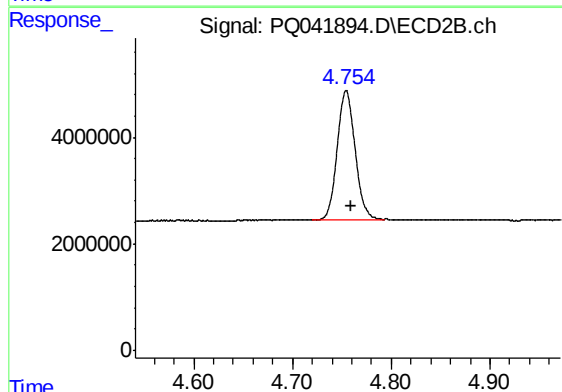
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

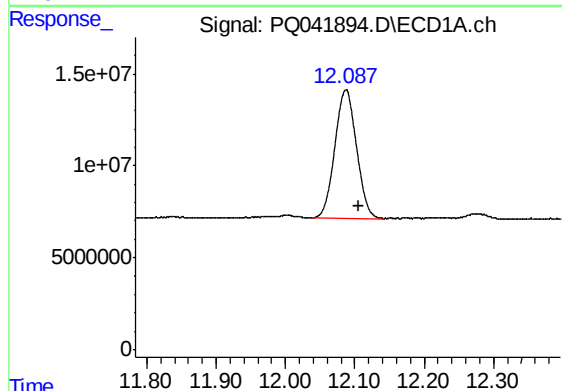
R.T.: 5.696 min
Delta R.T.: -0.005 min
Response: 36137768
Conc: 15.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENQ8



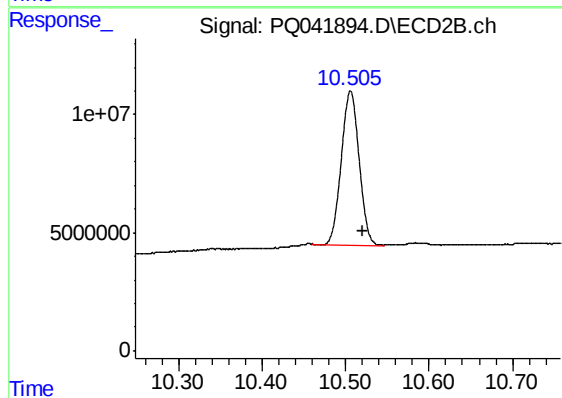
#1 Tetrachloro-m-xylene

R.T.: 4.754 min
Delta R.T.: -0.005 min
Response: 30623437
Conc: 15.89 ng/ml



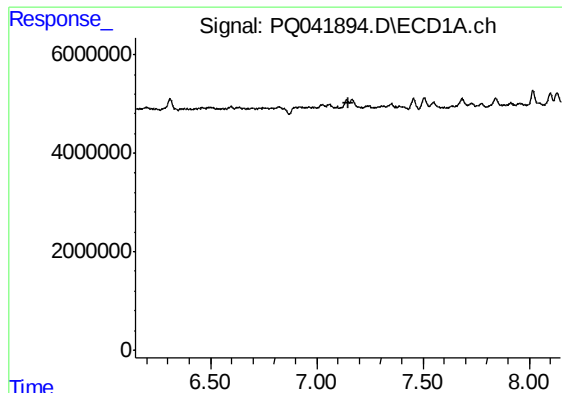
#2 Decachlorobiphenyl

R.T.: 12.087 min
Delta R.T.: -0.018 min
Response: 151194980
Conc: 17.93 ng/ml



#2 Decachlorobiphenyl

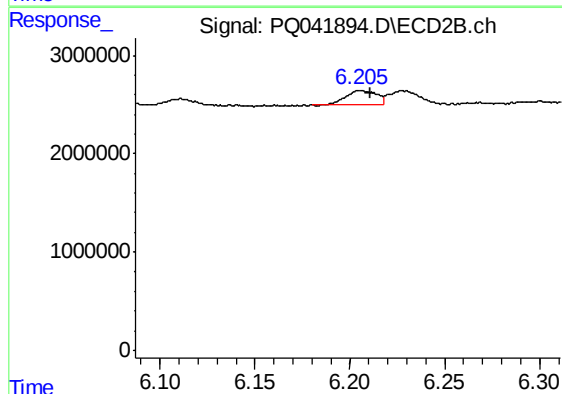
R.T.: 10.506 min
Delta R.T.: -0.014 min
Response: 96006750
Conc: 19.85 ng/ml



#3 AR-1016-1

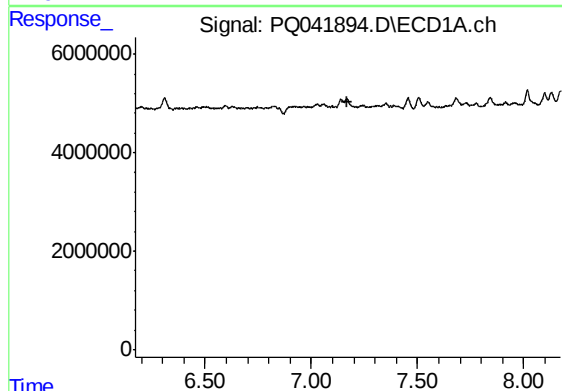
R.T.: 0.000 min
Exp R.T. : 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENQ8



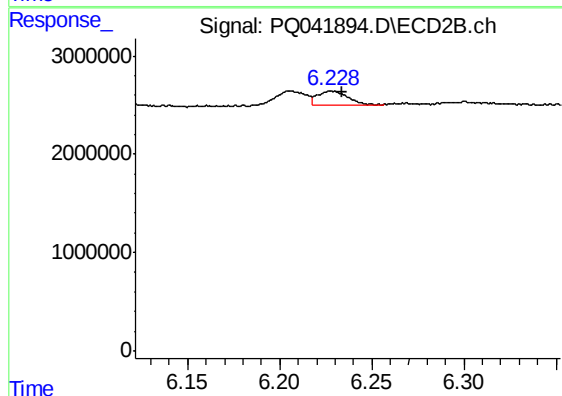
#3 AR-1016-1

R.T.: 6.206 min
Delta R.T.: -0.005 min
Response: 1661471
Conc: 16.01 ng/ml



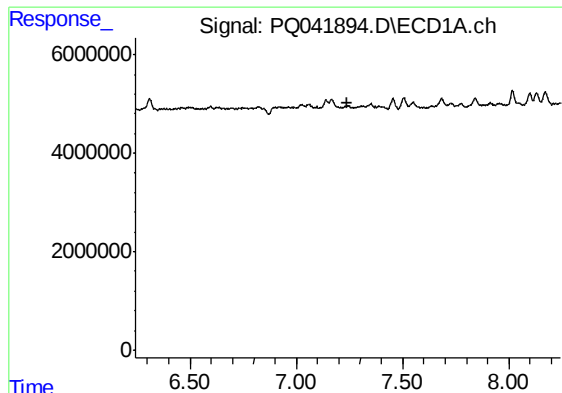
#4 AR-1016-2

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



#4 AR-1016-2

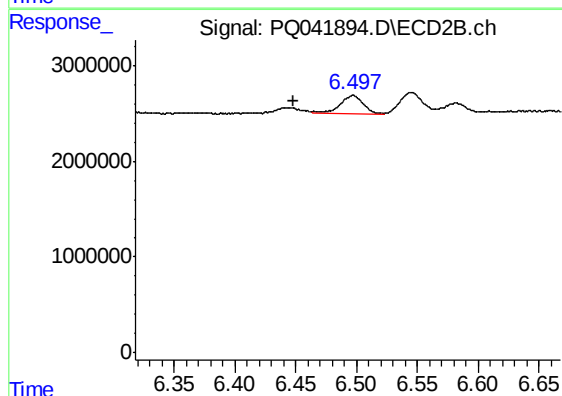
R.T.: 6.228 min
Delta R.T.: -0.006 min
Response: 1630847
Conc: 11.38 ng/ml



#5 AR-1016-3

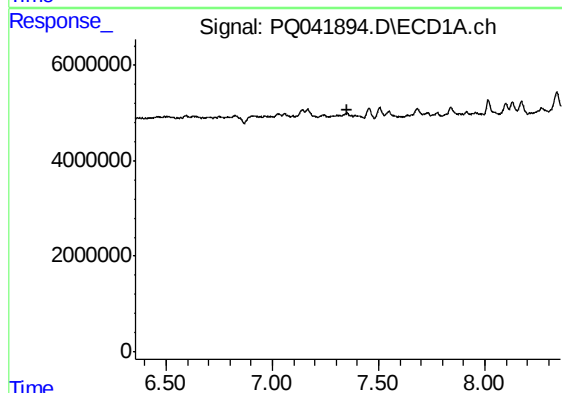
R.T.: 0.000 min
Exp R.T. : 7.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENQ8



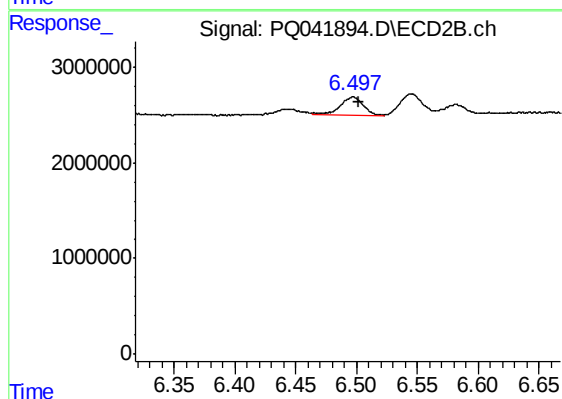
#5 AR-1016-3

R.T.: 6.497 min
Delta R.T.: 0.049 min
Response: 2481377
Conc: 33.27 ng/ml



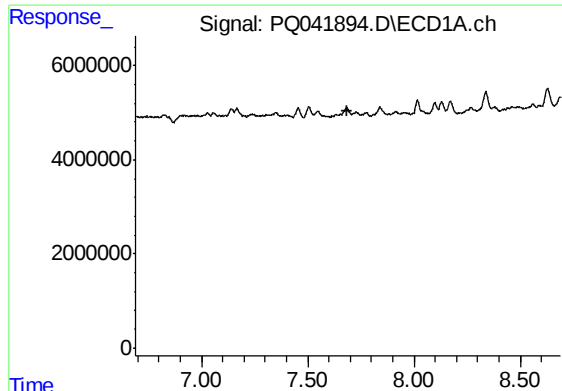
#6 AR-1016-4

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



#6 AR-1016-4

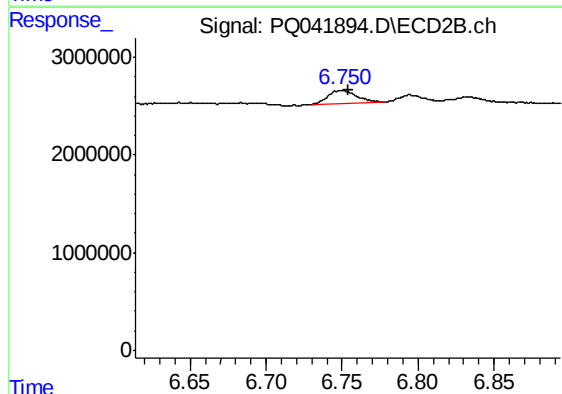
R.T.: 6.497 min
Delta R.T.: -0.005 min
Response: 2481377
Conc: 40.02 ng/ml



#7 AR-1016-5

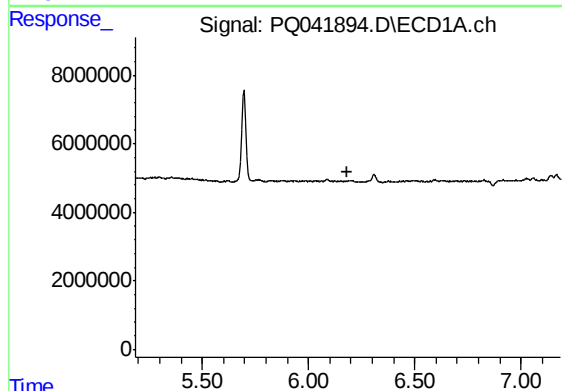
R.T.: 0.000 min
Exp R.T. : 7.689 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENQ8



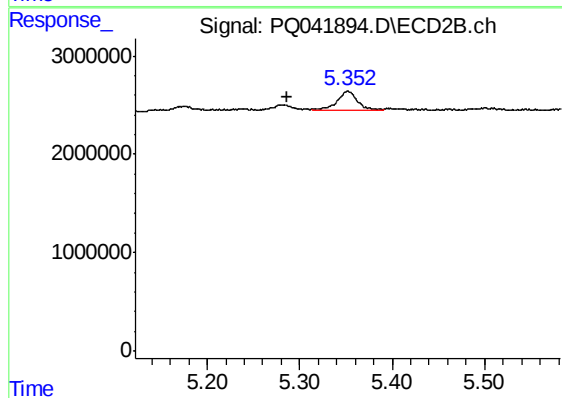
#7 AR-1016-5

R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 1760898
Conc: 21.63 ng/ml



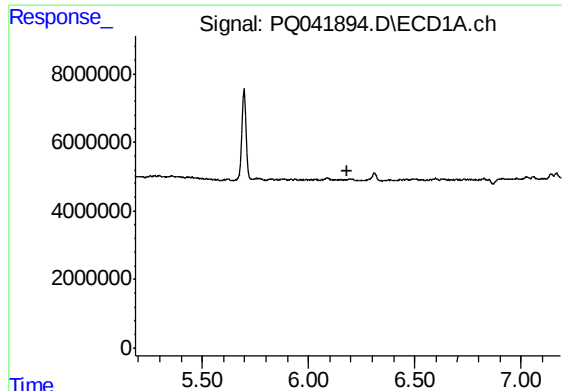
#10 AR-1221-3

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



#10 AR-1221-3

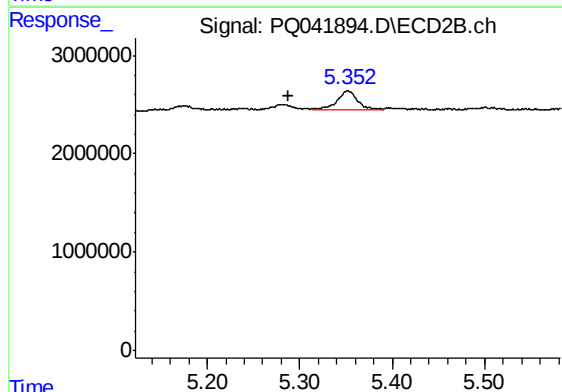
R.T.: 5.352 min
Delta R.T.: 0.065 min
Response: 2784482
Conc: 51.06 ng/ml



#11 AR-1232-1

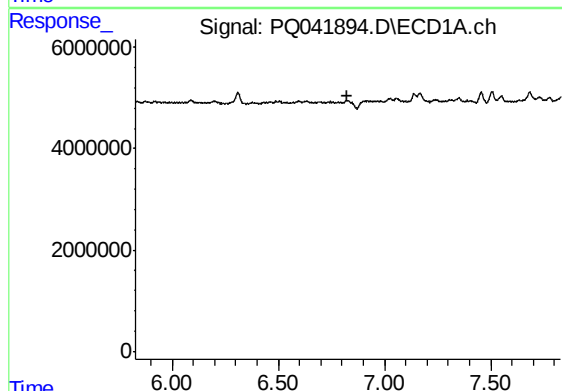
R.T.: 0.000 min
Exp R.T. : 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENQ8



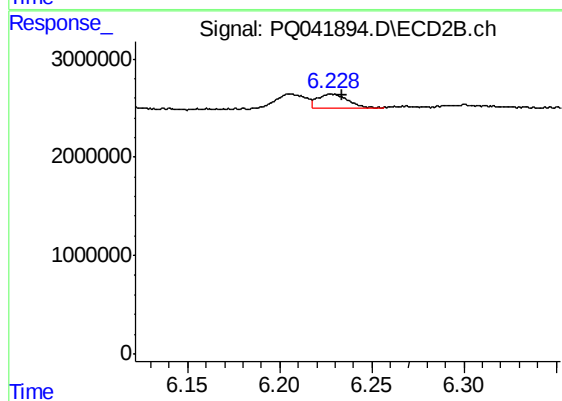
#11 AR-1232-1

R.T.: 5.352 min
Delta R.T.: 0.065 min
Response: 2784482
Conc: 57.66 ng/ml



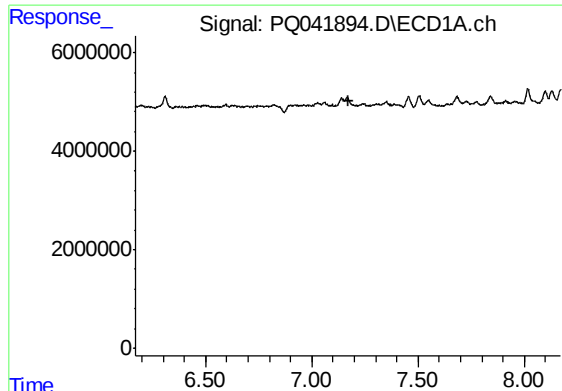
#12 AR-1232-2

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



#12 AR-1232-2

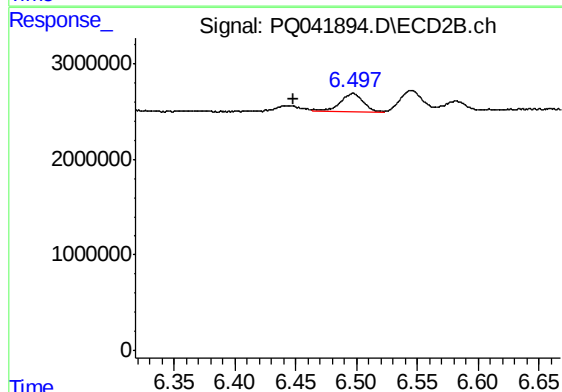
R.T.: 6.228 min
Delta R.T.: -0.006 min
Response: 1630847
Conc: 28.60 ng/ml



#13 AR-1232-3

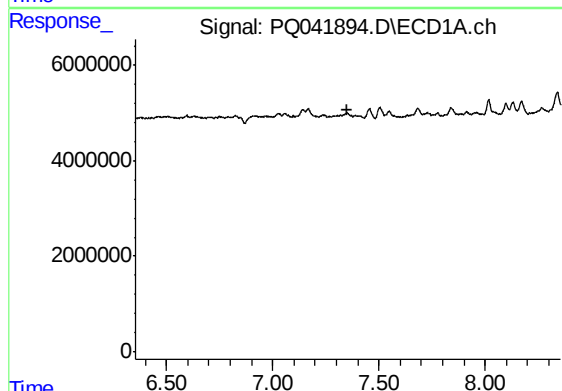
R.T.: 0.000 min
Exp R.T. : 7.170 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENQ8



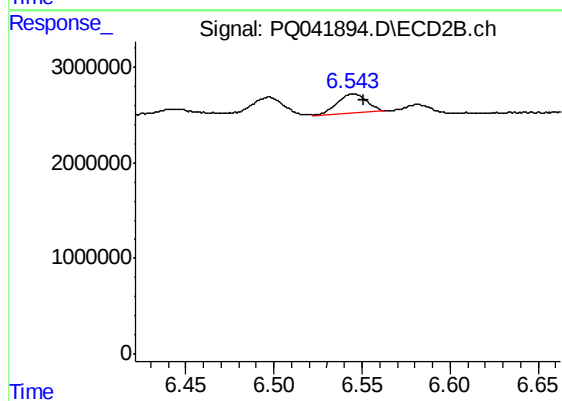
#13 AR-1232-3

R.T.: 6.497 min
Delta R.T.: 0.049 min
Response: 2481377
Conc: 83.21 ng/ml



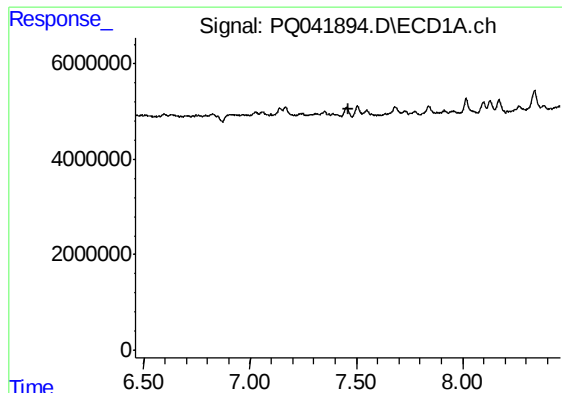
#14 AR-1232-4

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



#14 AR-1232-4

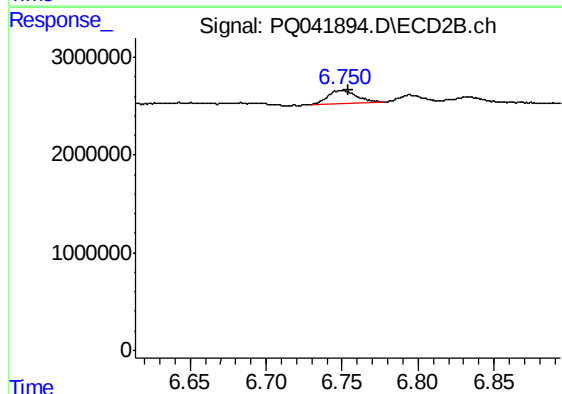
R.T.: 6.544 min
Delta R.T.: -0.007 min
Response: 2236419
Conc: 83.77 ng/ml



#15 AR-1232-5

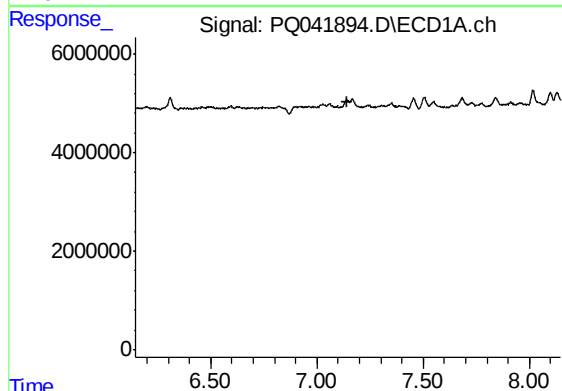
R.T.: 0.000 min
Exp R.T.: 7.461 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENQ8



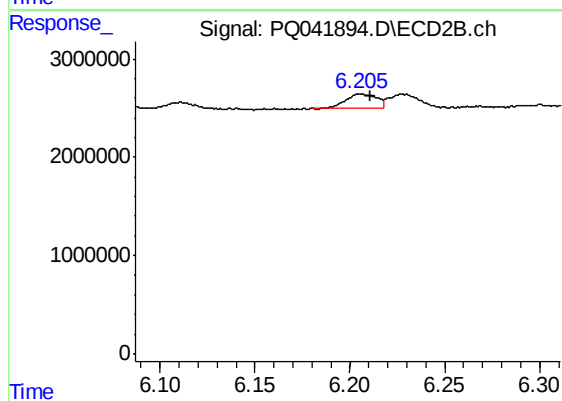
#15 AR-1232-5

R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 1760898
Conc: 60.05 ng/ml



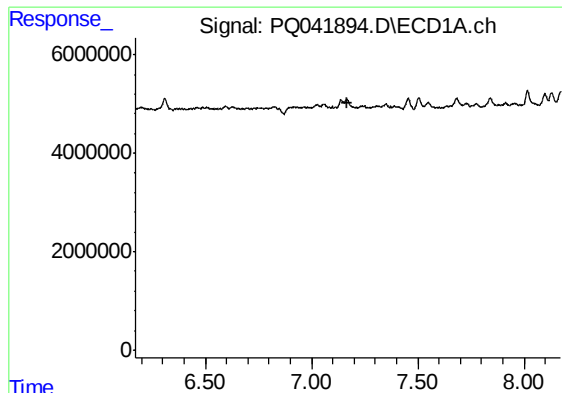
#16 AR-1242-1

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



#16 AR-1242-1

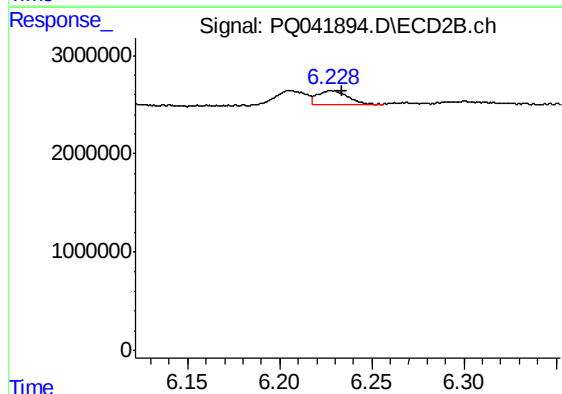
R.T.: 6.206 min
Delta R.T.: -0.005 min
Response: 1661471
Conc: 20.30 ng/ml



#17 AR-1242-2

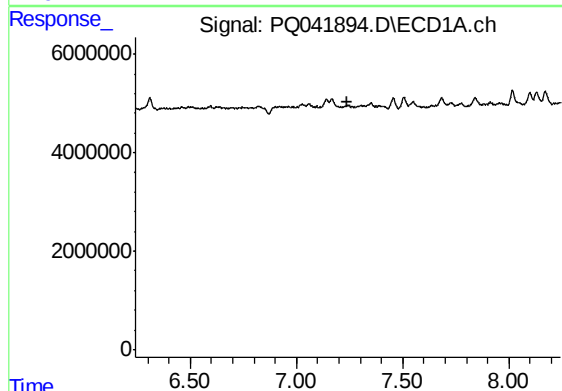
R.T.: 0.000 min
Exp R.T. : 7.171 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENQ8



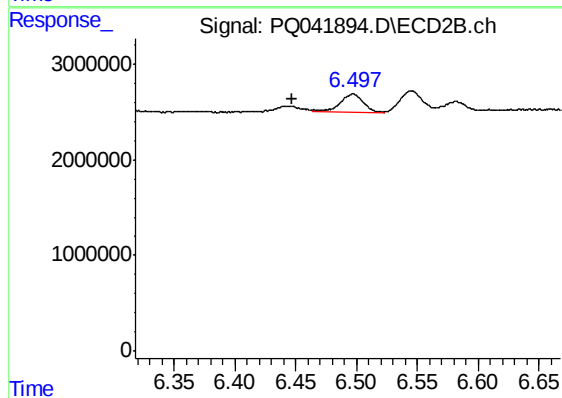
#17 AR-1242-2

R.T.: 6.228 min
Delta R.T.: -0.006 min
Response: 1630847
Conc: 14.44 ng/ml



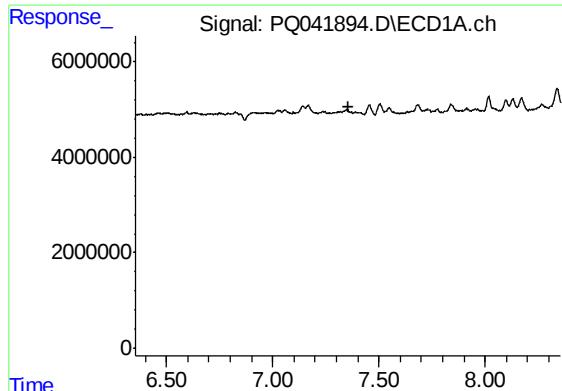
#18 AR-1242-3

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



#18 AR-1242-3

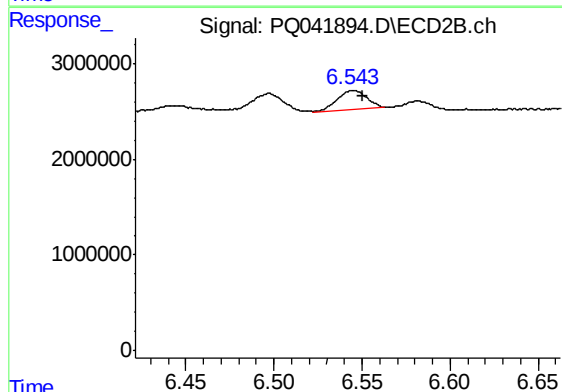
R.T.: 6.497 min
Delta R.T.: 0.050 min
Response: 2481377
Conc: 42.01 ng/ml



#19 AR-1242-4

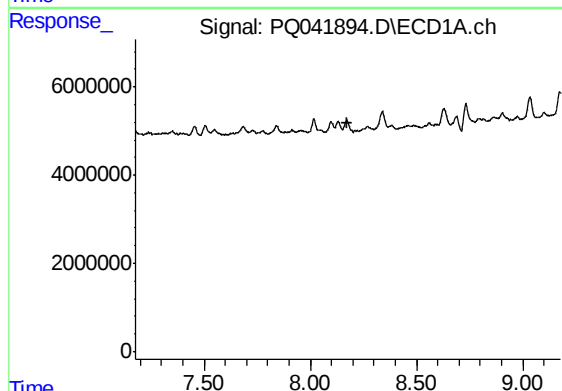
R.T.: 0.000 min
Exp R.T. : 7.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENQ8



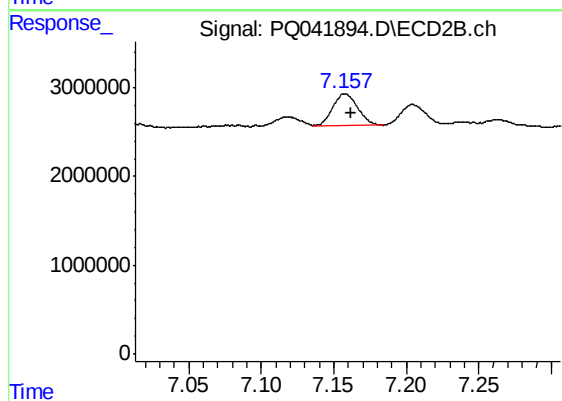
#19 AR-1242-4

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 2236419
Conc: 37.72 ng/ml



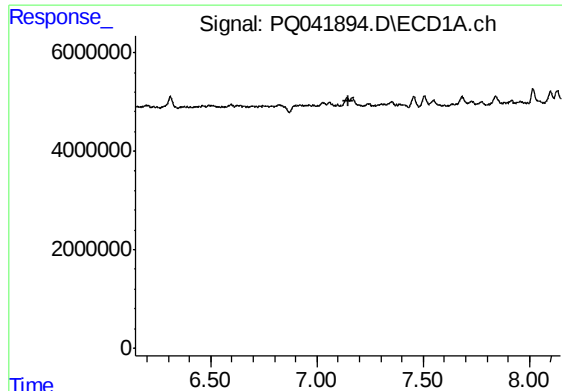
#20 AR-1242-5

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



#20 AR-1242-5

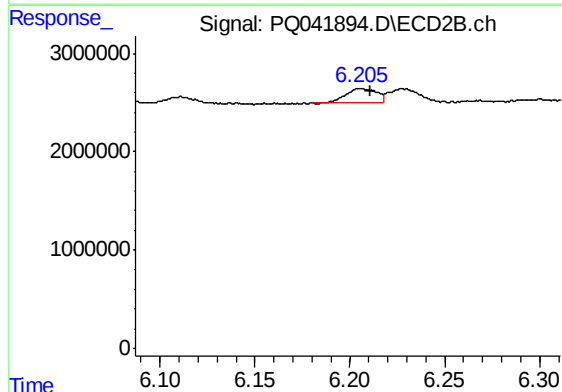
R.T.: 7.157 min
Delta R.T.: -0.005 min
Response: 4362810
Conc: 49.13 ng/ml



#21 AR-1248-1

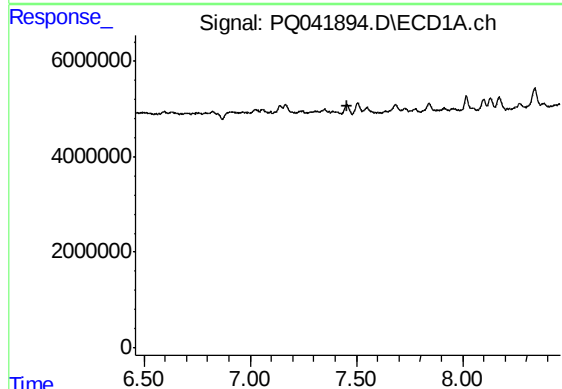
R.T.: 0.000 min
Exp R.T. : 7.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENQ8



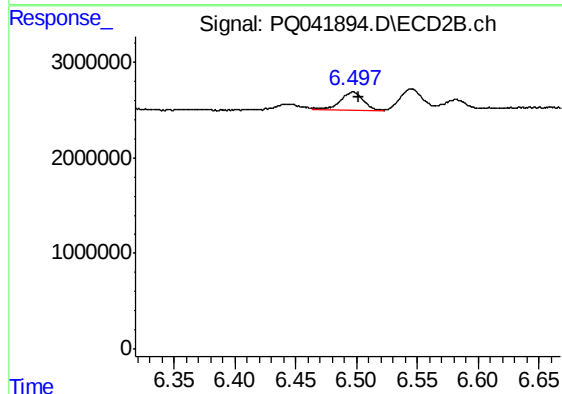
#21 AR-1248-1

R.T.: 6.206 min
Delta R.T.: -0.005 min
Response: 1661471
Conc: 25.06 ng/ml



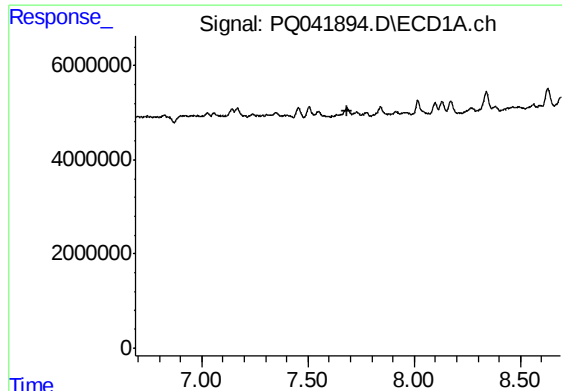
#22 AR-1248-2

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



#22 AR-1248-2

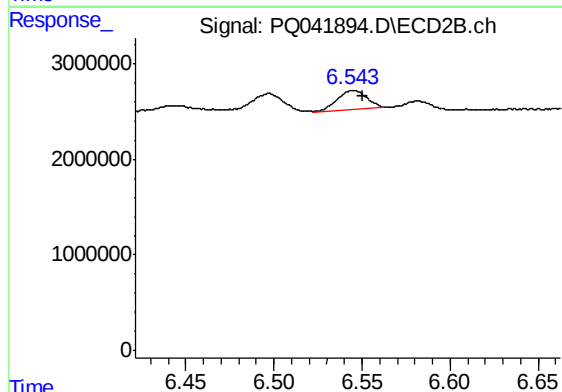
R.T.: 6.497 min
Delta R.T.: -0.004 min
Response: 2481377
Conc: 28.46 ng/ml



#23 AR-1248-3

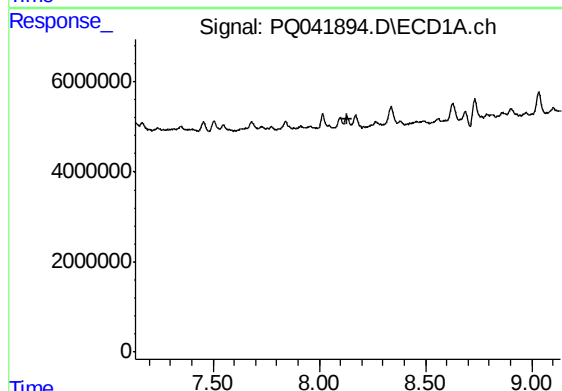
R.T.: 0.000 min
Exp R.T. : 7.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENQ8



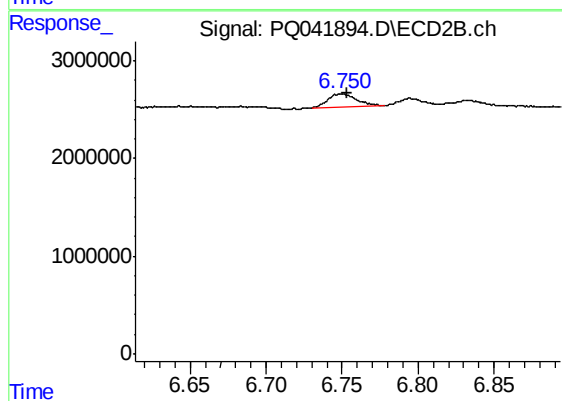
#23 AR-1248-3

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 2236419
Conc: 25.06 ng/ml



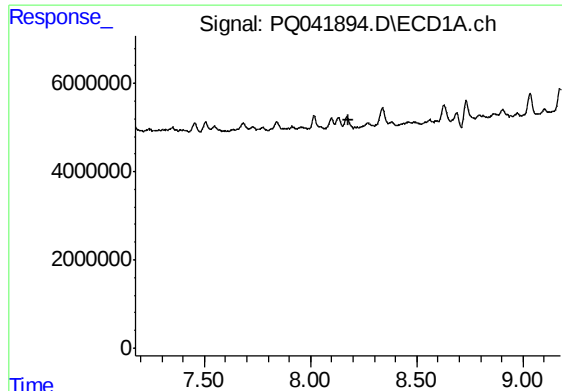
#24 AR-1248-4

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



#24 AR-1248-4

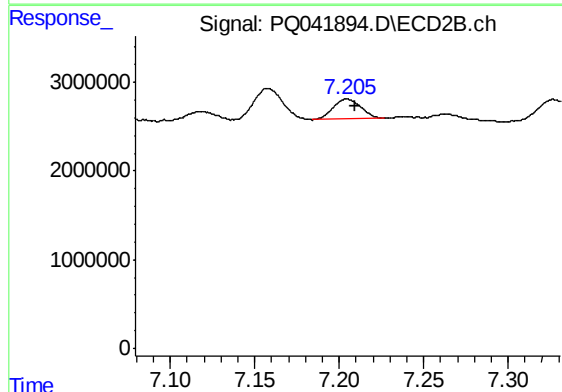
R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 1760898
Conc: 15.99 ng/ml



#25 AR-1248-5

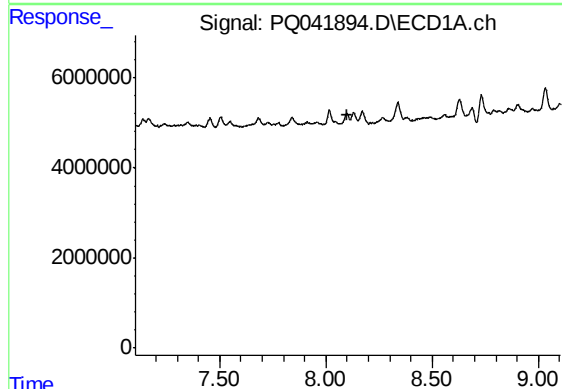
R.T.: 0.000 min
Exp R.T. : 8.176 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENQ8



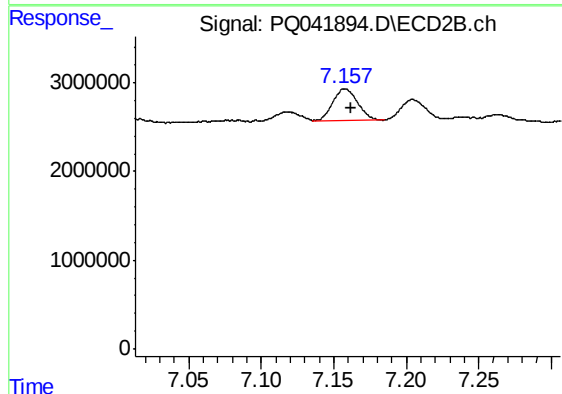
#25 AR-1248-5

R.T.: 7.205 min
Delta R.T.: -0.005 min
Response: 2608465
Conc: 20.35 ng/ml



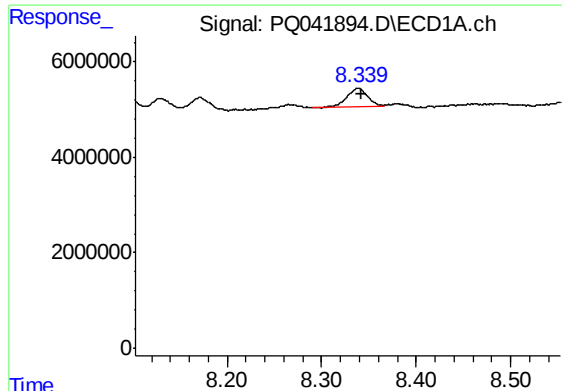
#26 AR-1254-1

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



#26 AR-1254-1

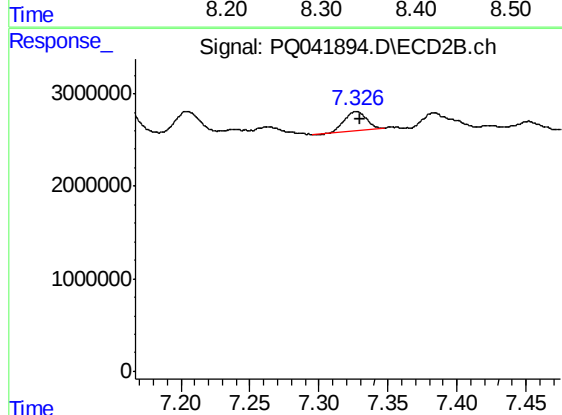
R.T.: 7.157 min
Delta R.T.: -0.005 min
Response: 4362810
Conc: 23.86 ng/ml



#27 AR-1254-2

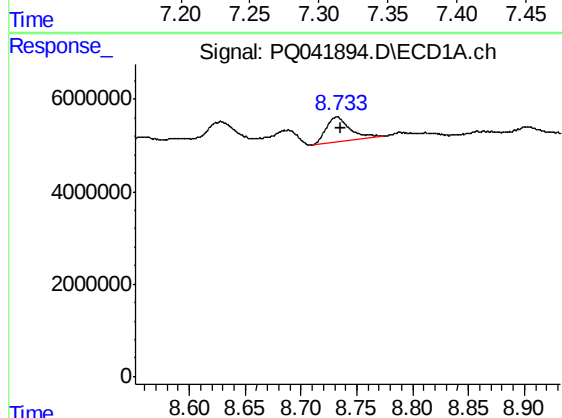
R.T.: 8.339 min
Delta R.T.: -0.003 min
Response: 5615932
Conc: 24.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENQ8



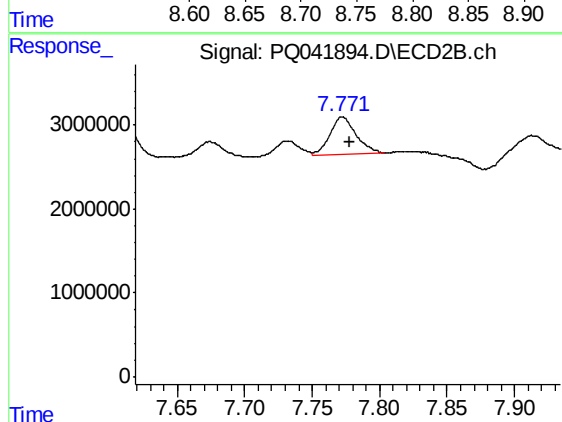
#27 AR-1254-2

R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 2299242
Conc: 14.20 ng/ml



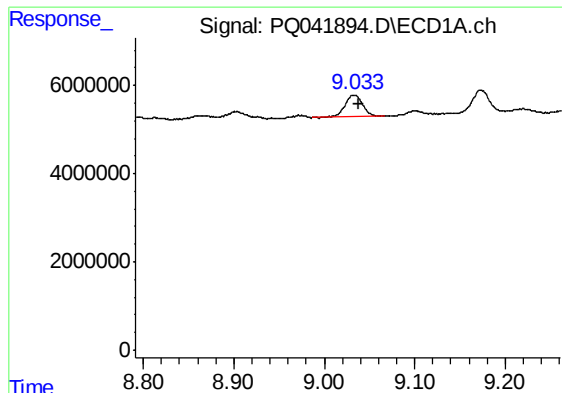
#28 AR-1254-3

R.T.: 8.733 min
Delta R.T.: -0.002 min
Response: 8259884
Conc: 30.21 ng/ml



#28 AR-1254-3

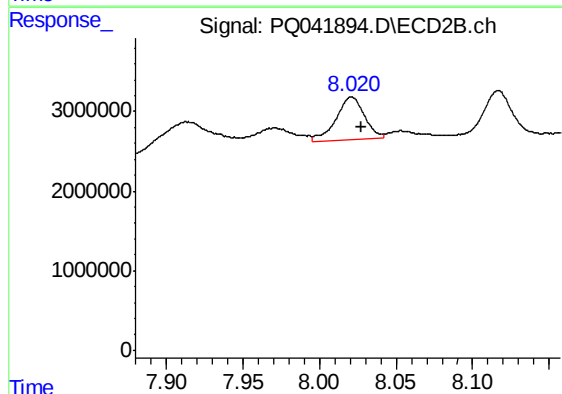
R.T.: 7.772 min
Delta R.T.: -0.006 min
Response: 6012176
Conc: 20.85 ng/ml



#29 AR-1254-4

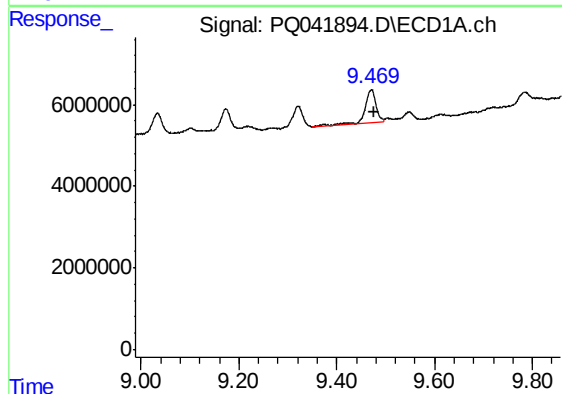
R.T.: 9.033 min
Delta R.T.: -0.005 min
Response: 6851985
Conc: 27.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENQ8



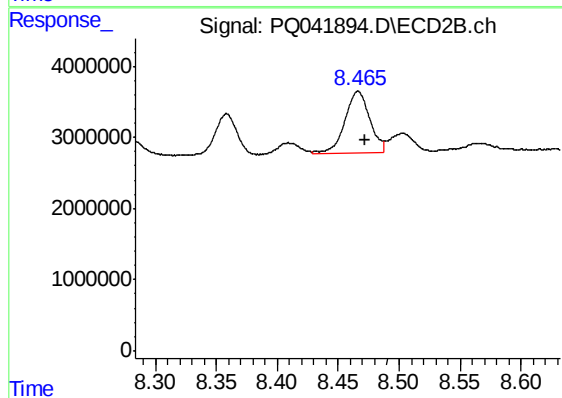
#29 AR-1254-4

R.T.: 8.021 min
Delta R.T.: -0.006 min
Response: 6950603
Conc: 32.02 ng/ml



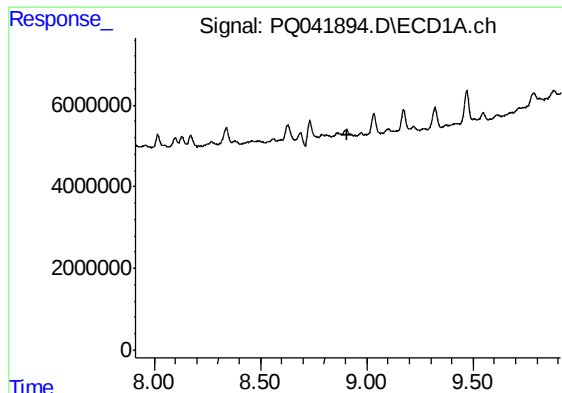
#30 AR-1254-5

R.T.: 9.470 min
Delta R.T.: -0.007 min
Response: 13189728
Conc: 48.70 ng/ml



#30 AR-1254-5

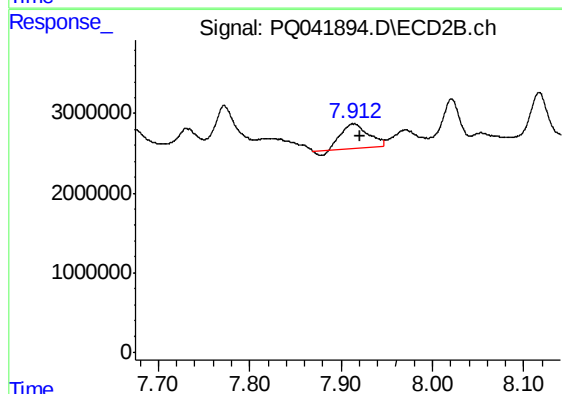
R.T.: 8.466 min
Delta R.T.: -0.006 min
Response: 12410637
Conc: 41.26 ng/ml



#31 AR-1260-1

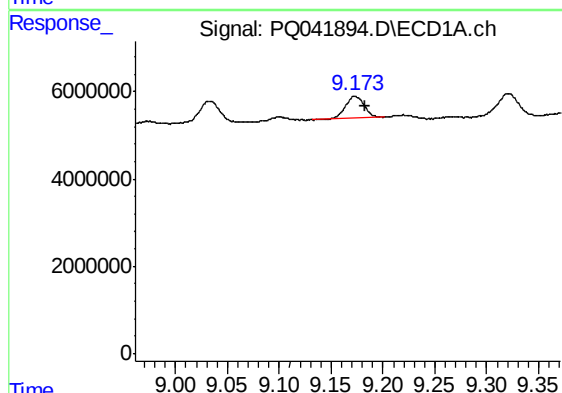
R.T.: 0.000 min
Exp R.T.: 8.912 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENQ8



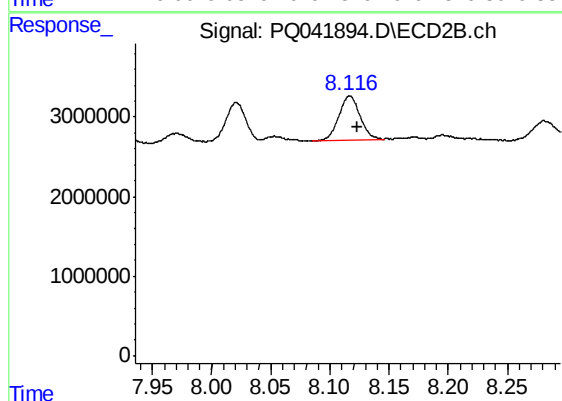
#31 AR-1260-1

R.T.: 7.913 min
Delta R.T.: -0.008 min
Response: 5996895
Conc: 33.05 ng/ml



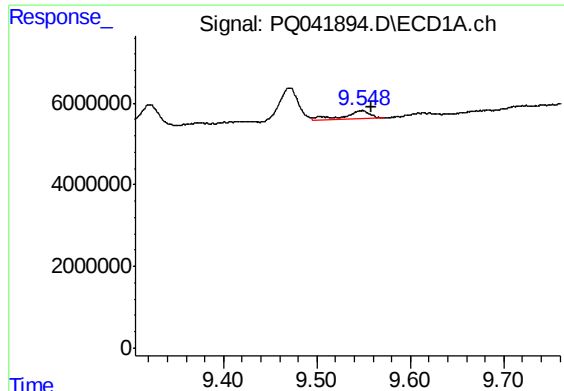
#32 AR-1260-2

R.T.: 9.173 min
Delta R.T.: -0.009 min
Response: 6408536
Conc: 25.40 ng/ml



#32 AR-1260-2

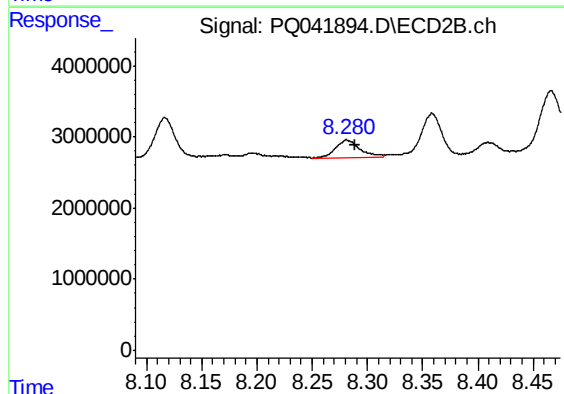
R.T.: 8.117 min
Delta R.T.: -0.006 min
Response: 6990045
Conc: 28.49 ng/ml



#33 AR-1260-3

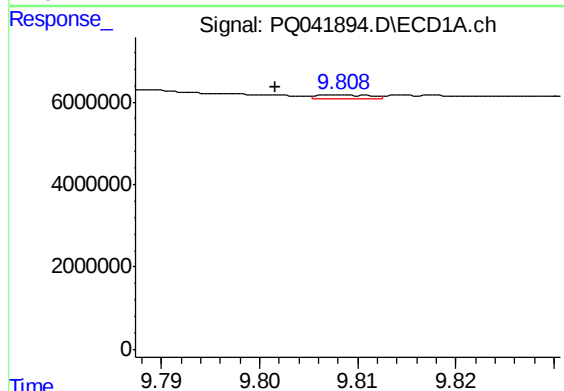
R.T.: 9.549 min
Delta R.T.: -0.010 min
Response: 4127795
Conc: 18.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENQ8



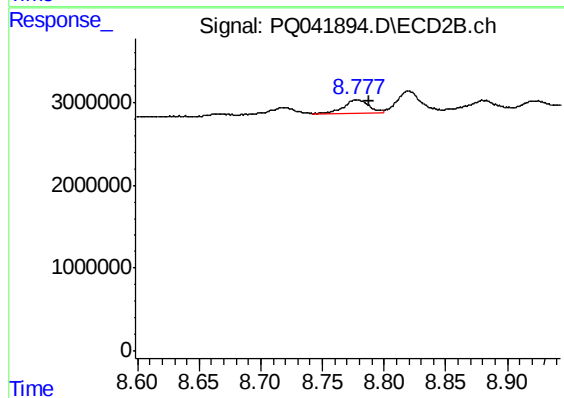
#33 AR-1260-3

R.T.: 8.281 min
Delta R.T.: -0.008 min
Response: 3772926
Conc: 17.73 ng/ml



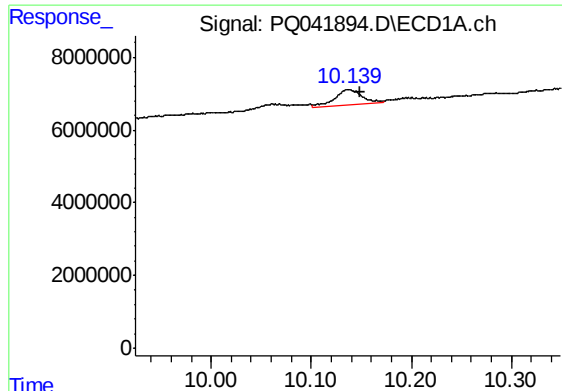
#34 AR-1260-4

R.T.: 9.809 min
Delta R.T.: 0.007 min
Response: 357649
Conc: 1.40 ng/ml



#34 AR-1260-4

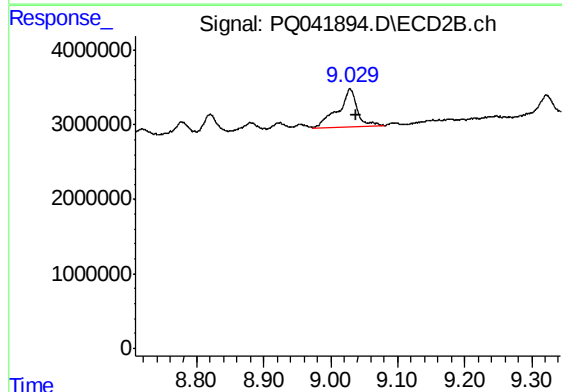
R.T.: 8.778 min
Delta R.T.: -0.010 min
Response: 2171083
Conc: 10.73 ng/ml



#35 AR-1260-5

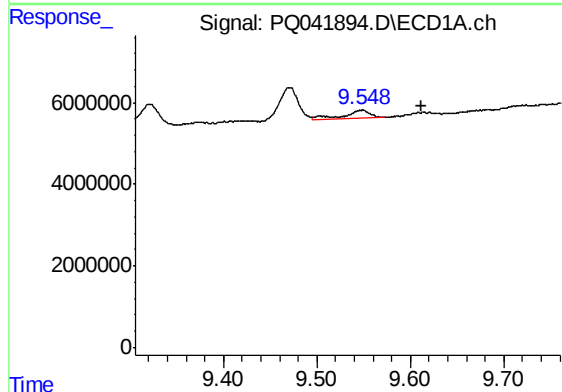
R.T.: 10.138 min
Delta R.T.: -0.011 min
Response: 7790319
Conc: 11.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENQ8



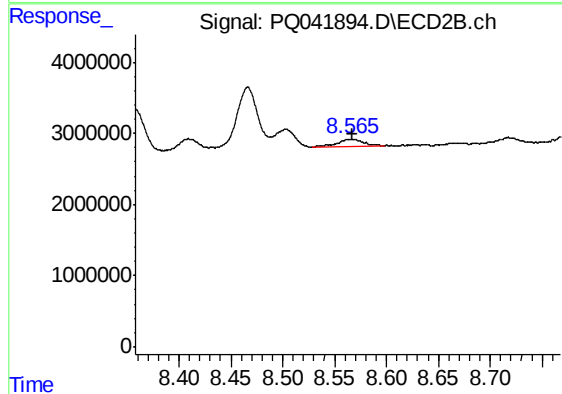
#35 AR-1260-5

R.T.: 9.029 min
Delta R.T.: -0.010 min
Response: 10395401
Conc: 17.61 ng/ml



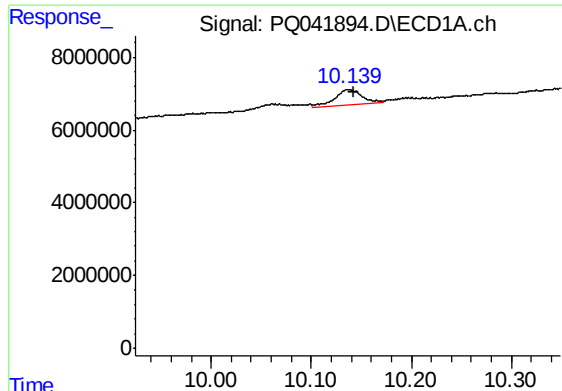
#36 AR-1262-1

R.T.: 9.549 min
Delta R.T.: -0.064 min
Response: 4127795
Conc: 26.86 ng/ml



#36 AR-1262-1

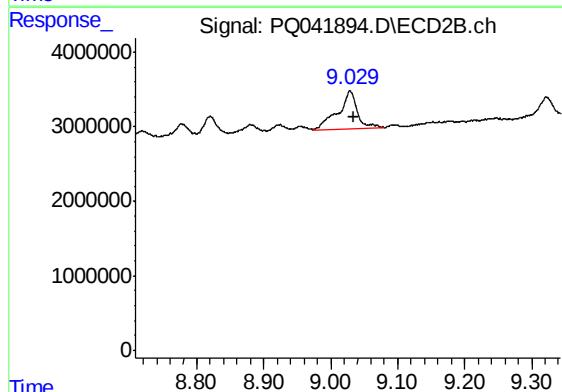
R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 1893899
Conc: 13.20 ng/ml



#37 AR-1262-2

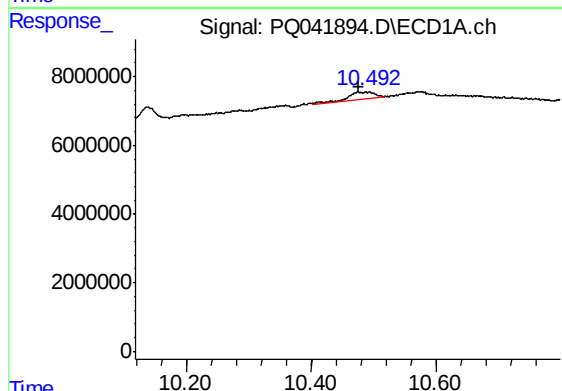
R.T.: 10.138 min
Delta R.T.: -0.004 min
Response: 7790319
Conc: 8.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENQ8



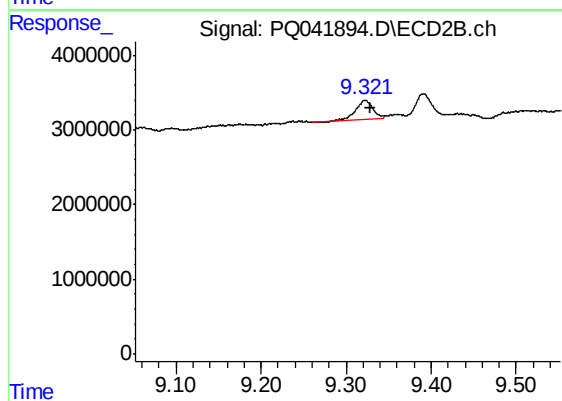
#37 AR-1262-2

R.T.: 9.029 min
Delta R.T.: -0.005 min
Response: 10395401
Conc: 14.03 ng/ml



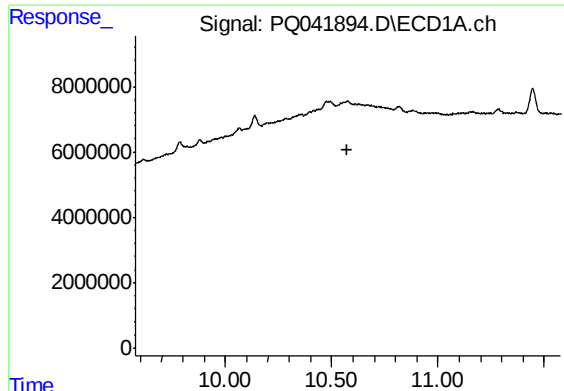
#38 AR-1262-3

R.T.: 10.492 min
Delta R.T.: 0.016 min
Response: 5985934
Conc: 9.43 ng/ml



#38 AR-1262-3

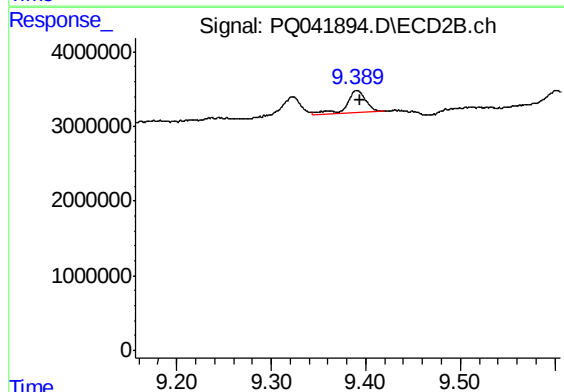
R.T.: 9.322 min
Delta R.T.: -0.005 min
Response: 3499764
Conc: 11.06 ng/ml



#39 AR-1262-4

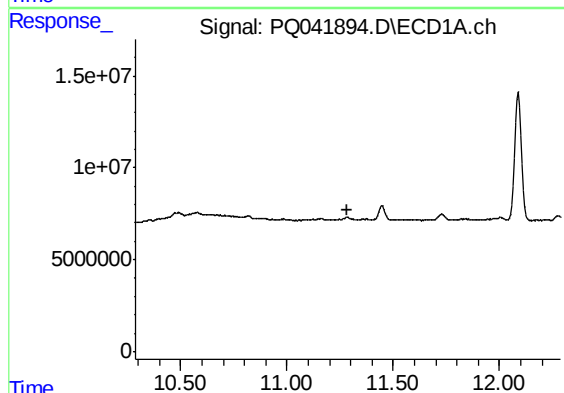
R.T.: 0.000 min
Exp R.T. : 10.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENQ8



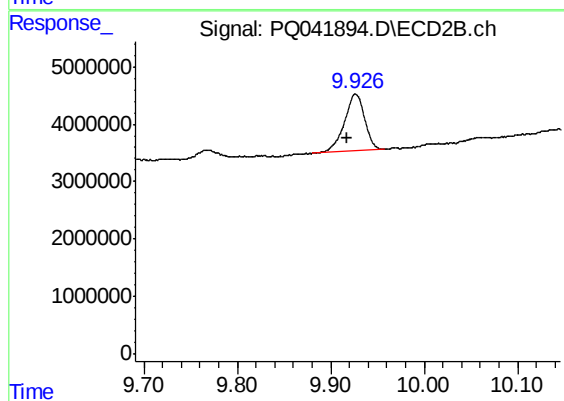
#39 AR-1262-4

R.T.: 9.391 min
Delta R.T.: -0.004 min
Response: 4293723
Conc: 7.64 ng/ml



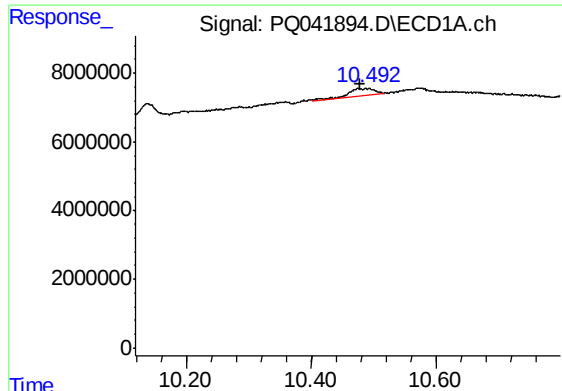
#40 AR-1262-5

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



#40 AR-1262-5

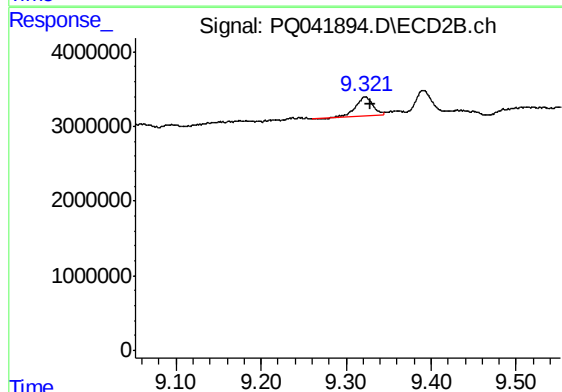
R.T.: 9.927 min
Delta R.T.: 0.009 min
Response: 14961409
Conc: 52.38 ng/ml



#41 AR-1268-1

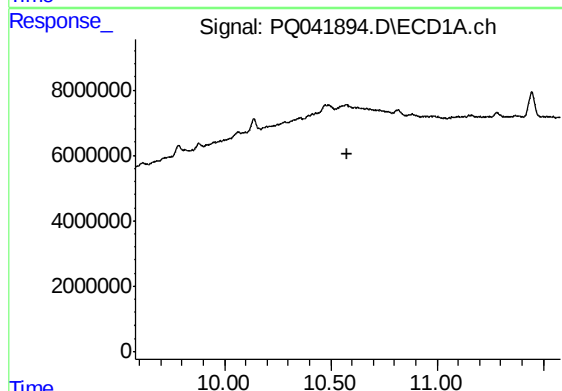
R.T.: 10.492 min
Delta R.T.: 0.014 min
Response: 5985934
Conc: 4.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENQ8



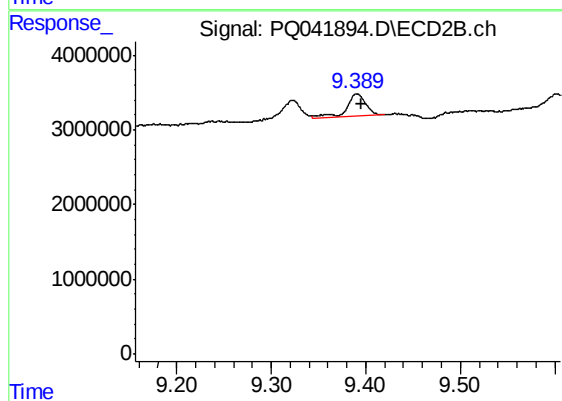
#41 AR-1268-1

R.T.: 9.322 min
Delta R.T.: -0.006 min
Response: 3499764
Conc: 3.06 ng/ml



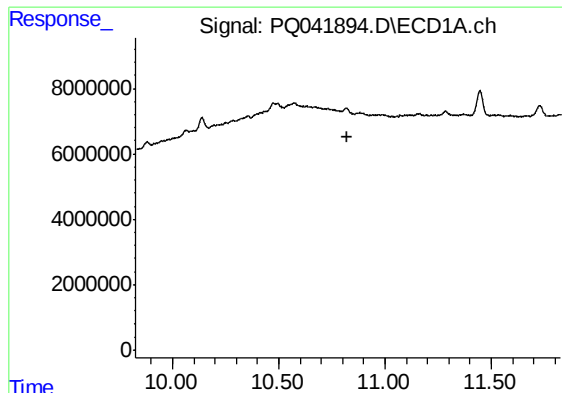
#42 AR-1268-2

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



#42 AR-1268-2

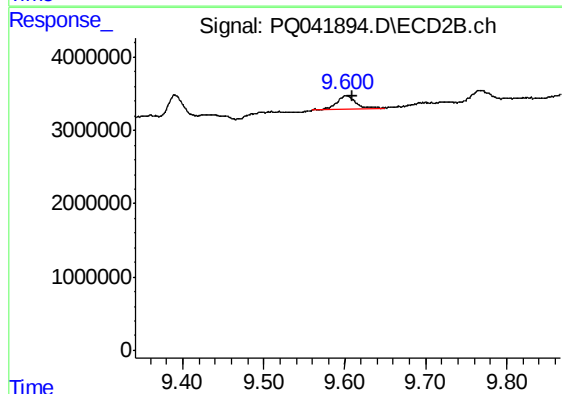
R.T.: 9.391 min
Delta R.T.: -0.005 min
Response: 4293723
Conc: 4.18 ng/ml



#43 AR-1268-3

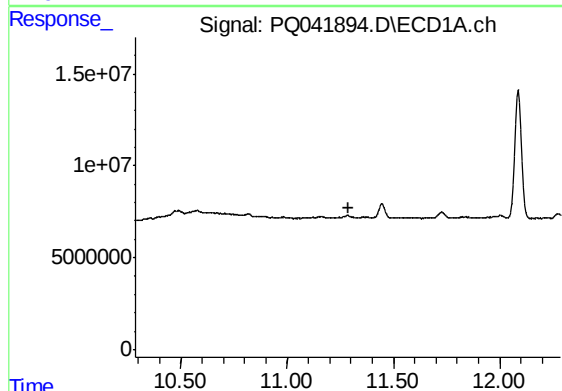
R.T.: 0.000 min
Exp R.T. : 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENQ8



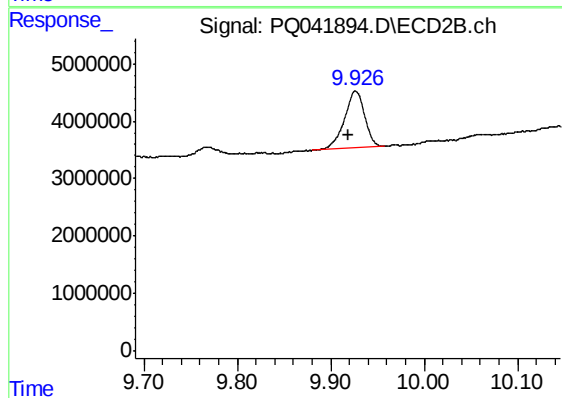
#43 AR-1268-3

R.T.: 9.602 min
Delta R.T.: -0.008 min
Response: 2942865
Conc: 3.39 ng/ml



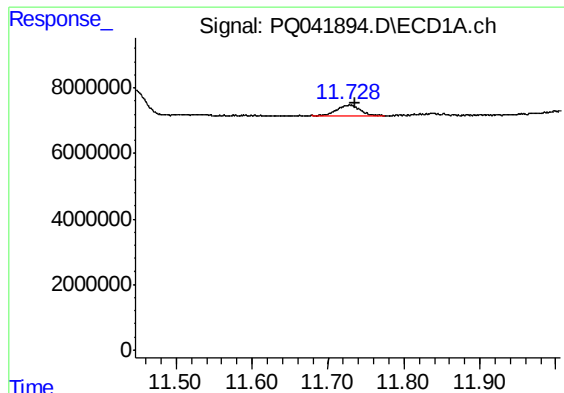
#44 AR-1268-4

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



#44 AR-1268-4

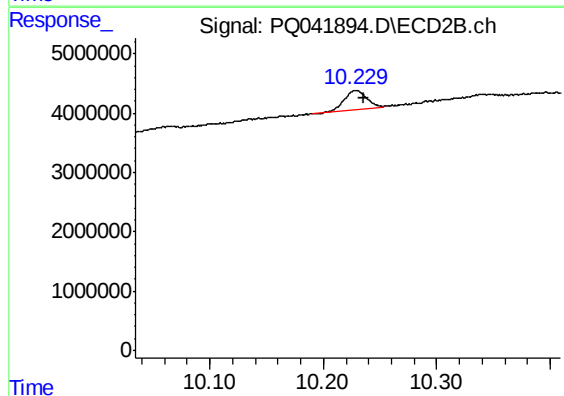
R.T.: 9.927 min
Delta R.T.: 0.008 min
Response: 14961409
Conc: 38.89 ng/ml



#45 AR-1268-5

R.T.: 11.728 min
Delta R.T.: -0.007 min
Response: 6970319
Conc: 1.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENQ8



#45 AR-1268-5

R.T.: 10.229 min
Delta R.T.: -0.007 min
Response: 4346351
Conc: 1.67 ng/ml