

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122420\
 Data File : PQ051570.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Dec 2020 14:49
 Operator : DD\AJ
 Sample : L5184-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 DUP-34

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 25 07:44:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122220.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 23 04:30:42 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	5.237	4.258	568.5E6	147.2E6	23.179	20.476
2)	SA Decachlor...	11.433	9.607	336.7E6	93538232	16.963	14.942
Target Compounds							
3)	L1 AR-1016-1	0.000	5.516	0	945767	N.D.	3.623 #
4)	L1 AR-1016-2	0.000	5.547	0	2567752	N.D.	7.117 #
5)	L1 AR-1016-3	0.000	5.726	0	449895	N.D.	2.432 #
6)	L1 AR-1016-4	6.767	5.774	2074466	244184	3.383	1.686 #
7)	L1 AR-1016-5	0.000	5.998	0	439974	N.D.	2.406 #
8)	L2 AR-1221-1	5.498	4.503	11068399	1145568	44.205	15.372 #
9)	L2 AR-1221-2	5.593	4.613	6010786	3026630	31.947	55.670 #
10)	L2 AR-1221-3	5.691f	4.701	2157673	579425	3.691	3.329
11)	L3 AR-1232-1	5.691f	4.701	2157673	579425	4.358	3.899
12)	L3 AR-1232-2	0.000	5.547	0	2567752	N.D.	16.814 #
13)	L3 AR-1232-3	0.000	5.726	0	449895	N.D.	5.890 #
14)	L3 AR-1232-4	6.767	5.827	2074466	856609	7.856	13.072 #
15)	L3 AR-1232-5	6.857	5.998	1220587	439974	6.478	6.143
16)	L4 AR-1242-1	0.000	5.516	0	945767	N.D.	4.705 #
17)	L4 AR-1242-2	0.000	5.547	0	2567752	N.D.	9.228 #
18)	L4 AR-1242-3	0.000	5.726	0	449895	N.D.	3.048 #
19)	L4 AR-1242-4	6.767	5.827	2074466	856609	4.266	6.186 #
20)	L4 AR-1242-5	0.000	6.390	0	3392905	N.D.	18.653 #
21)	L5 AR-1248-1	0.000	5.516	0	945767	N.D.	6.259 #
22)	L5 AR-1248-2	6.857	5.774	1220587	244184	1.757	1.216 #
23)	L5 AR-1248-3	0.000	5.827	0	856609	N.D.	4.104 #
24)	L5 AR-1248-4	7.471f	5.998	2036319	439974	2.196	1.773
26)	L6 AR-1254-1	7.471	6.390	2036319	3392905	2.288	8.721 #
27)	L6 AR-1254-2	7.695	6.546	11815167	5407748	8.491	16.171 #
28)	L6 AR-1254-3	8.081	6.969	15944327	8038409	10.536	14.419 #
29)	L6 AR-1254-4	8.377	7.207	6624583	4672124	6.107	13.707 #
30)	L6 AR-1254-5	8.803	7.637	25904442	13331106	22.264	27.526
31)	L7 AR-1260-1	8.247	7.105	8655469	8029443	8.291	23.029 #
32)	L7 AR-1260-2	8.509	7.302	25759763	6804790	20.563	15.930
33)	L7 AR-1260-3	8.878	7.458	28047703	6404083	30.545	15.669 #
34)	L7 AR-1260-4	9.138f	7.942	41147397	14490614	38.669	42.227
35)	L7 AR-1260-5	9.467	8.186	15116855	8754862	6.799	10.443 #
36)	L8 AR-1262-1	8.878	7.637	28047703	13331106	19.847	50.308 #
37)	L8 AR-1262-2	9.467	8.186	15116855	8754862	5.740	9.129 #
38)	L8 AR-1262-3	9.799	8.476	138.4E6	45769837	123.856	129.471
39)	L8 AR-1262-4	9.903	8.541	101.3E6	32745969	79.823	47.333 #
40)	L8 AR-1262-5	10.618	9.043	30261695	9319957	33.686	30.916
41)	L9 AR-1268-1	9.799	8.476	138.4E6	45769837	49.577	46.776
42)	L9 AR-1268-2	9.903	8.541	101.3E6	32745969	39.932	36.225
43)	L9 AR-1268-3	10.148	8.751	99959300	31606514	46.228	41.800

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122420\
Data File : PQ051570.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Dec 2020 14:49
Operator : DD\AJ
Sample : L5184-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

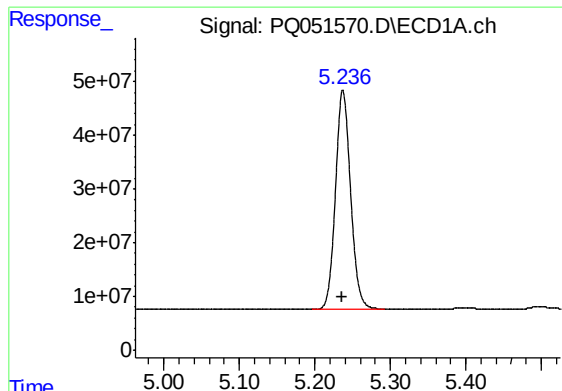
Instrument :
ECD_Q
ClientSampleId :
DUP-34

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 25 07:44:14 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122220.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Dec 23 04:30:42 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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	10.618	9.043	30261695	9319957	33.175	30.032
45)	L9 AR-1268-5	11.066	9.344	293.5E6	83981903	41.403	35.082

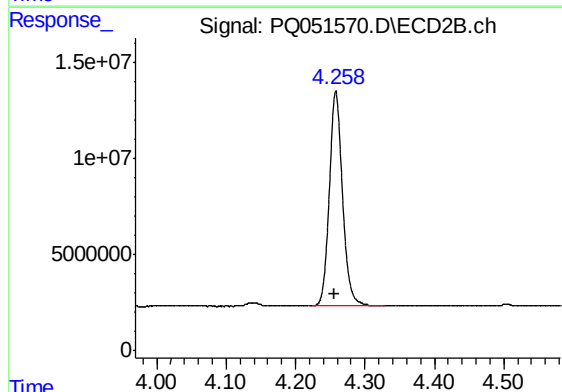
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

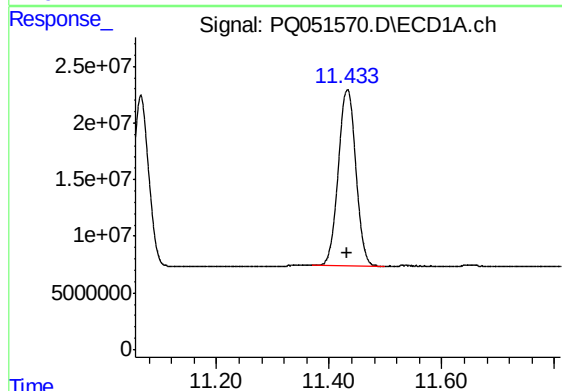
R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 568487681
Conc: 23.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-34



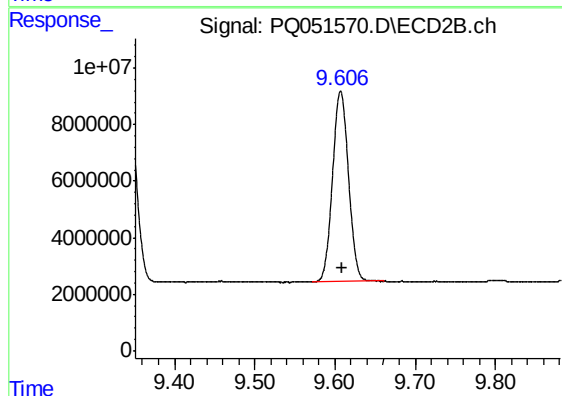
#1 Tetrachloro-m-xylene

R.T.: 4.258 min
Delta R.T.: 0.003 min
Response: 147195858
Conc: 20.48 ng/ml



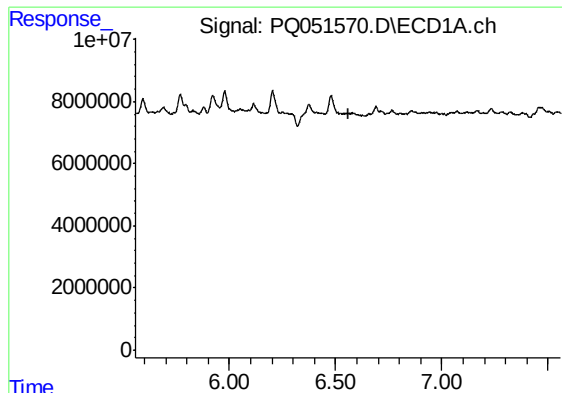
#2 Decachlorobiphenyl

R.T.: 11.433 min
Delta R.T.: 0.000 min
Response: 336743370
Conc: 16.96 ng/ml



#2 Decachlorobiphenyl

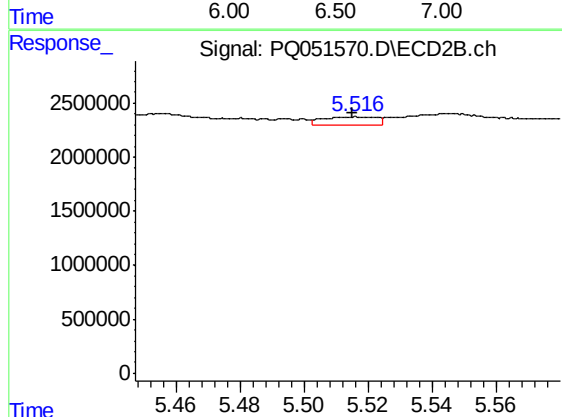
R.T.: 9.607 min
Delta R.T.: -0.001 min
Response: 93538232
Conc: 14.94 ng/ml



#3 AR-1016-1

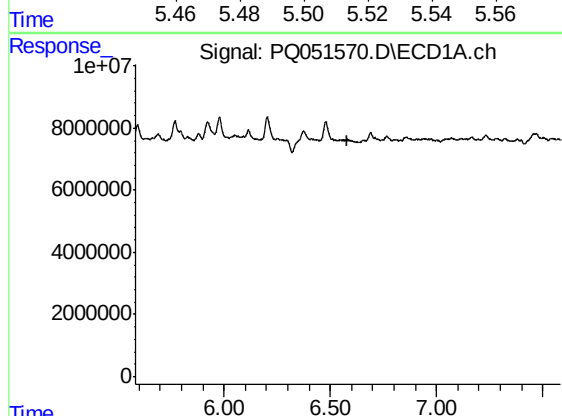
R.T.: 0.000 min
Exp R.T.: 6.558 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
DUP-34



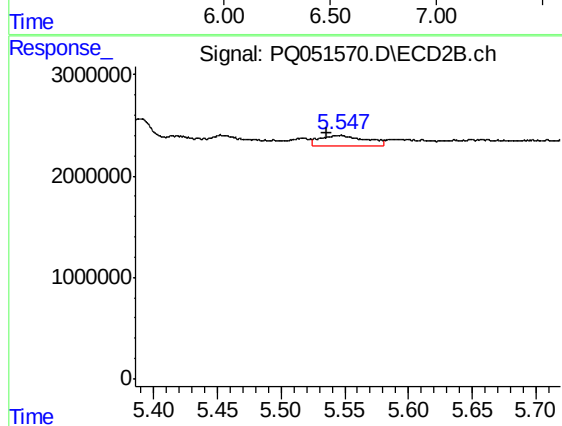
#3 AR-1016-1

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 945767
Conc: 3.62 ng/ml



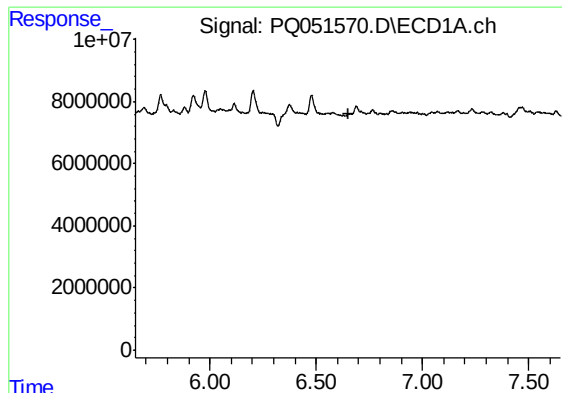
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.583 min
Response: 0
Conc: N.D.



#4 AR-1016-2

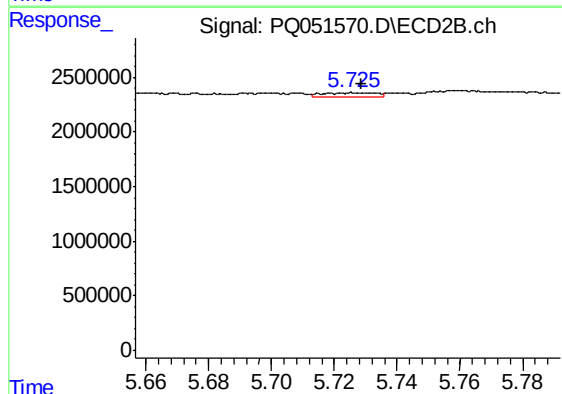
R.T.: 5.547 min
Delta R.T.: 0.011 min
Response: 2567752
Conc: 7.12 ng/ml



#5 AR-1016-3

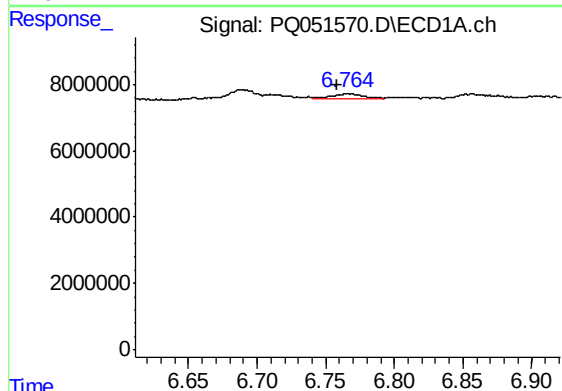
R.T.: 0.000 min
Exp R.T.: 6.650 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
DUP-34



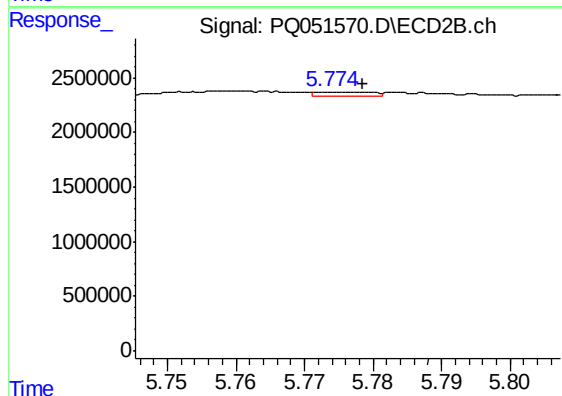
#5 AR-1016-3

R.T.: 5.726 min
Delta R.T.: -0.002 min
Response: 449895
Conc: 2.43 ng/ml



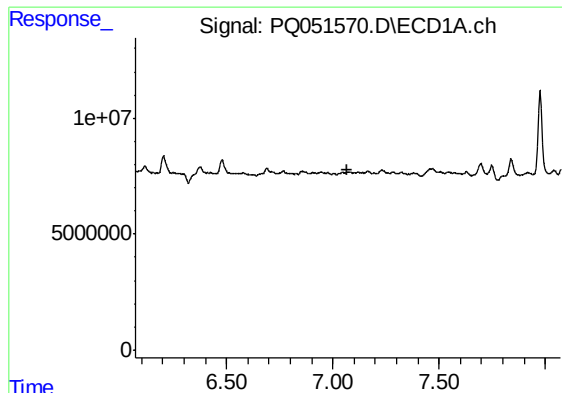
#6 AR-1016-4

R.T.: 6.767 min
Delta R.T.: 0.008 min
Response: 2074466
Conc: 3.38 ng/ml



#6 AR-1016-4

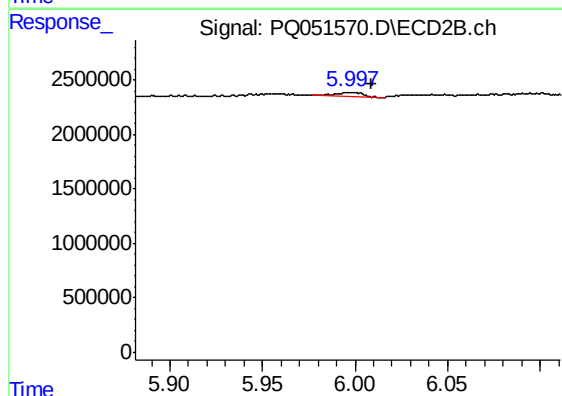
R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 244184
Conc: 1.69 ng/ml



#7 AR-1016-5

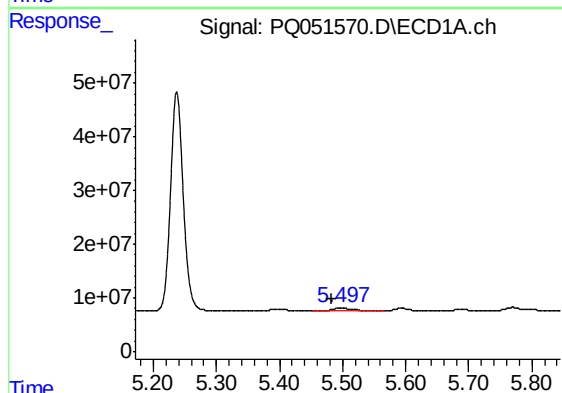
R.T.: 0.000 min
Exp R.T.: 7.072 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
DUP-34



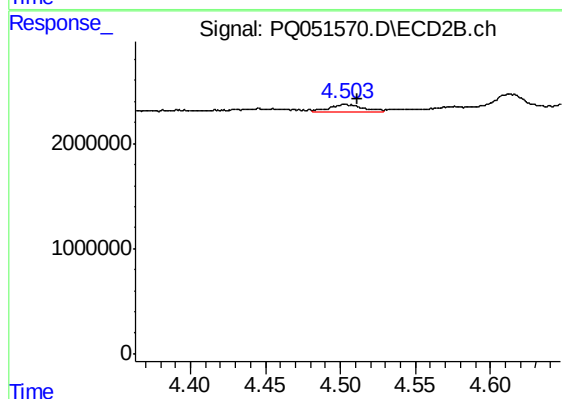
#7 AR-1016-5

R.T.: 5.998 min
Delta R.T.: -0.011 min
Response: 439974
Conc: 2.41 ng/ml



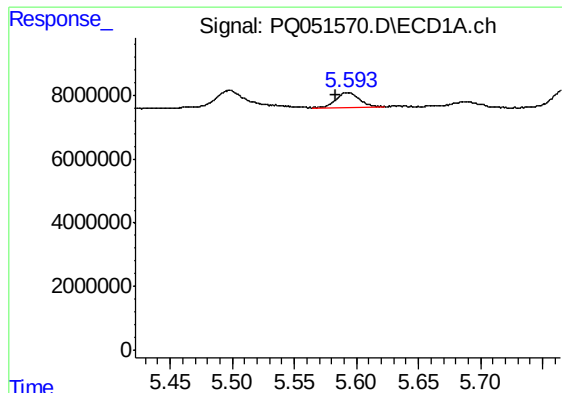
#8 AR-1221-1

R.T.: 5.498 min
Delta R.T.: 0.014 min
Response: 11068399
Conc: 44.20 ng/ml



#8 AR-1221-1

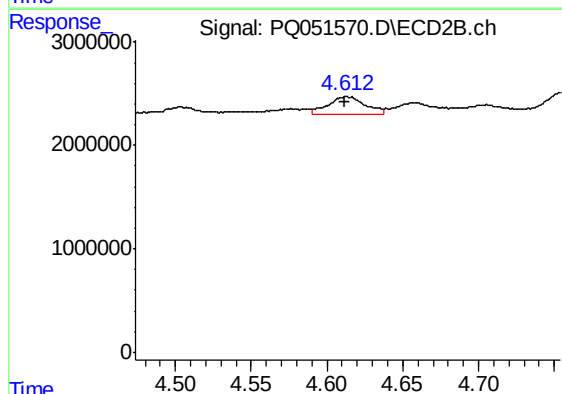
R.T.: 4.503 min
Delta R.T.: -0.008 min
Response: 1145568
Conc: 15.37 ng/ml



#9 AR-1221-2

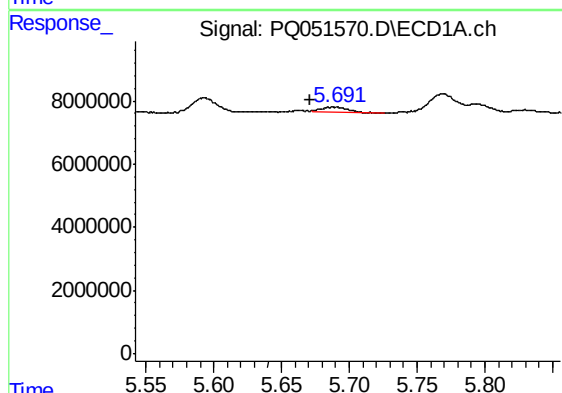
R.T.: 5.593 min
Delta R.T.: 0.010 min
Response: 6010786
Conc: 31.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-34



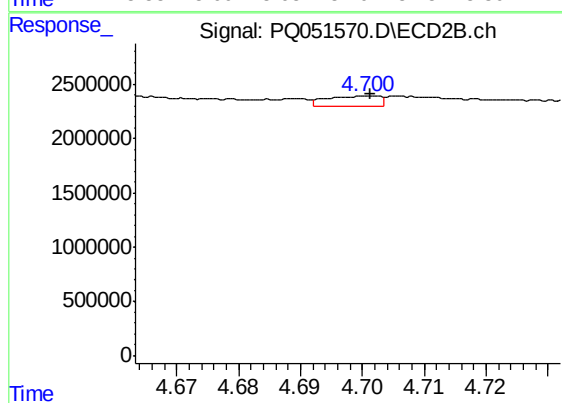
#9 AR-1221-2

R.T.: 4.613 min
Delta R.T.: 0.001 min
Response: 3026630
Conc: 55.67 ng/ml



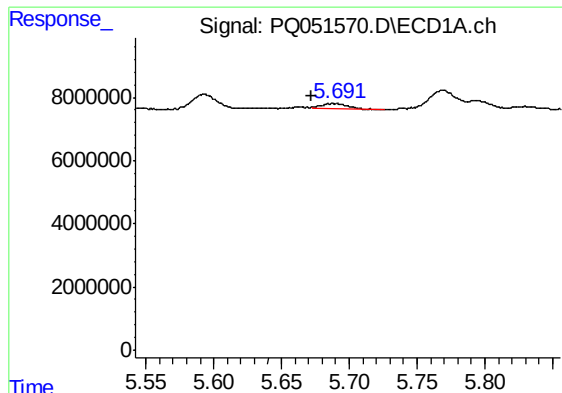
#10 AR-1221-3

R.T.: 5.691 min
Delta R.T.: 0.020 min
Response: 2157673
Conc: 3.69 ng/ml



#10 AR-1221-3

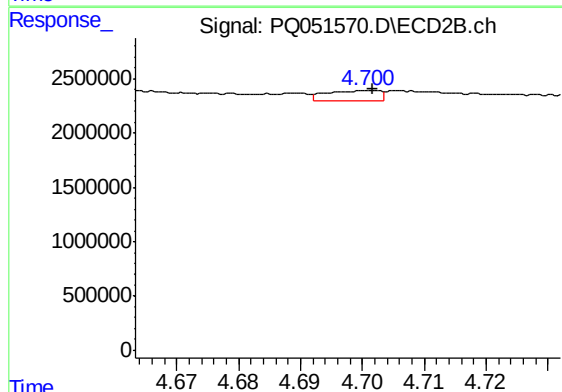
R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 579425
Conc: 3.33 ng/ml



#11 AR-1232-1

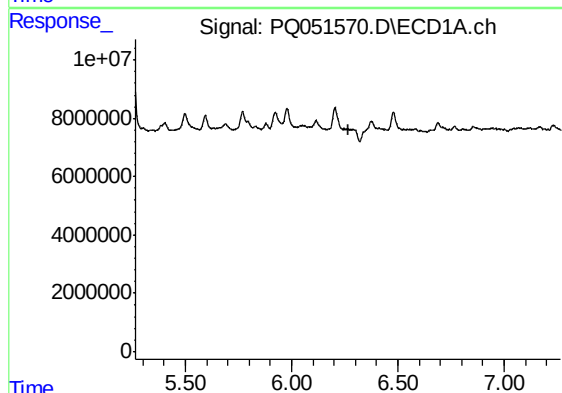
R.T.: 5.691 min
Delta R.T.: 0.019 min
Response: 2157673
Conc: 4.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-34



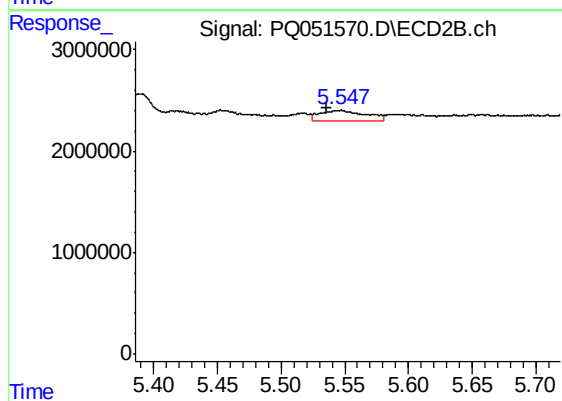
#11 AR-1232-1

R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 579425
Conc: 3.90 ng/ml



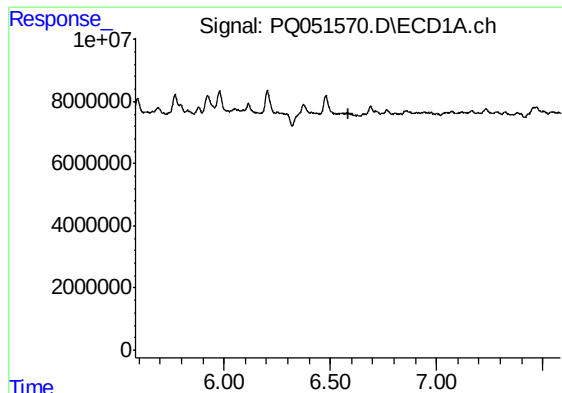
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.265 min
Response: 0
Conc: N.D.



#12 AR-1232-2

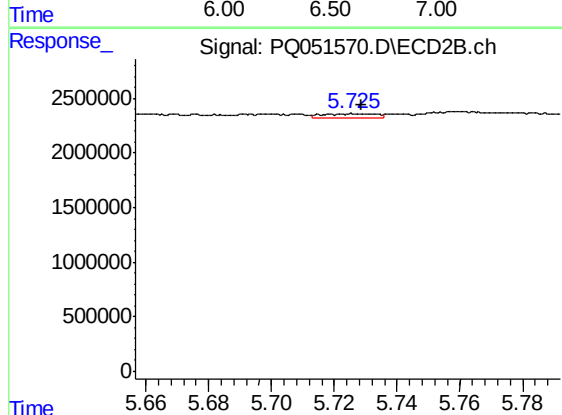
R.T.: 5.547 min
Delta R.T.: 0.011 min
Response: 2567752
Conc: 16.81 ng/ml



#13 AR-1232-3

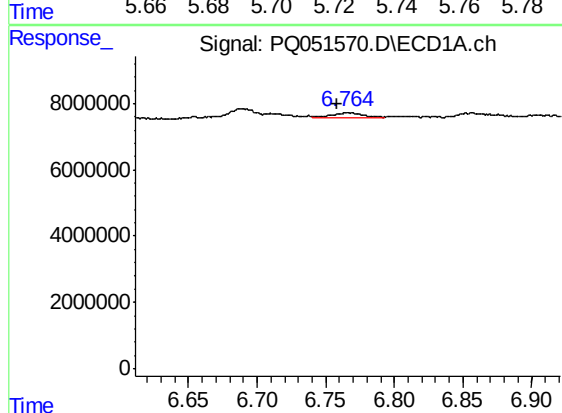
R.T.: 0.000 min
Exp R.T.: 6.583 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
DUP-34



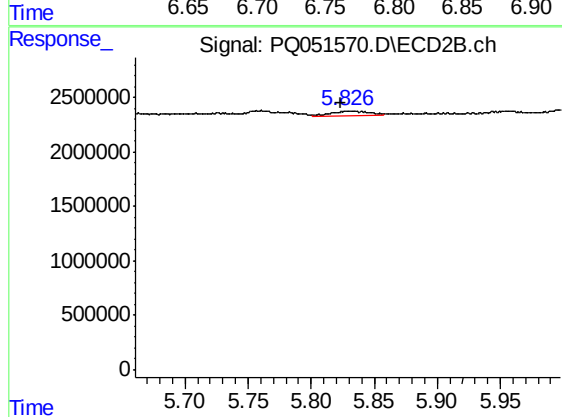
#13 AR-1232-3

R.T.: 5.726 min
Delta R.T.: -0.003 min
Response: 449895
Conc: 5.89 ng/ml



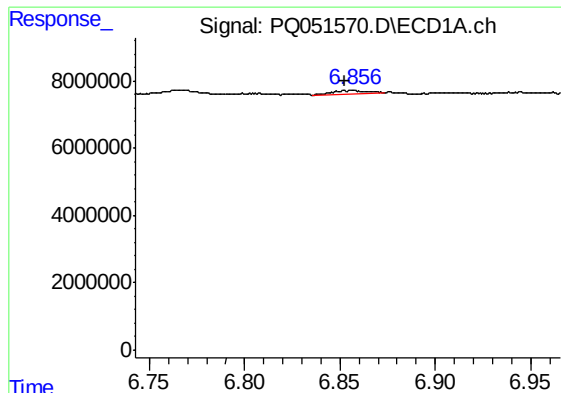
#14 AR-1232-4

R.T.: 6.767 min
Delta R.T.: 0.008 min
Response: 2074466
Conc: 7.86 ng/ml



#14 AR-1232-4

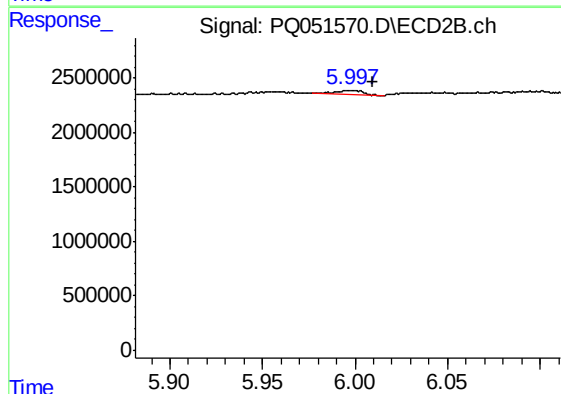
R.T.: 5.827 min
Delta R.T.: 0.003 min
Response: 856609
Conc: 13.07 ng/ml



#15 AR-1232-5

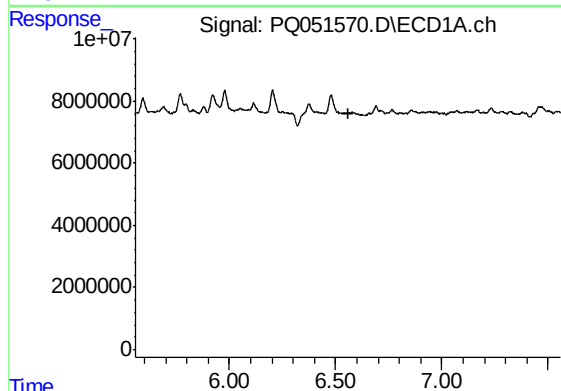
R.T.: 6.857 min
Delta R.T.: 0.004 min
Response: 1220587
Conc: 6.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-34



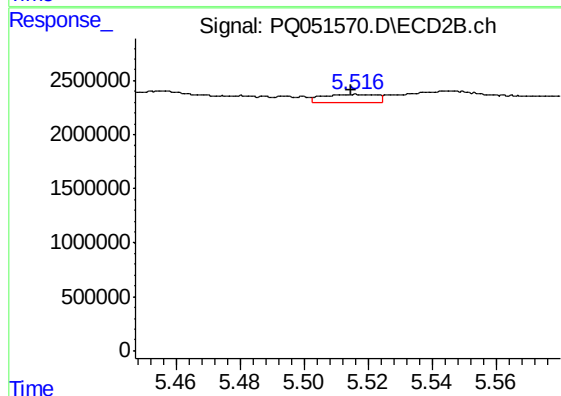
#15 AR-1232-5

R.T.: 5.998 min
Delta R.T.: -0.012 min
Response: 439974
Conc: 6.14 ng/ml



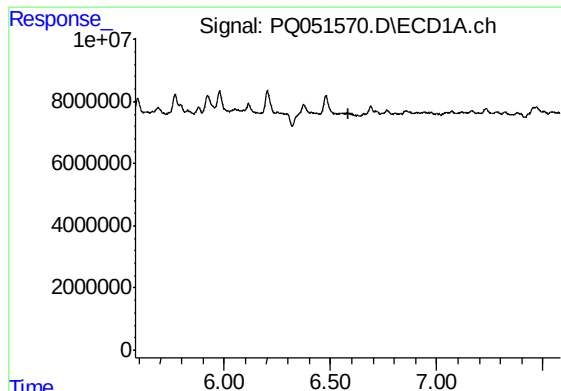
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.558 min
Response: 0
Conc: N.D.



#16 AR-1242-1

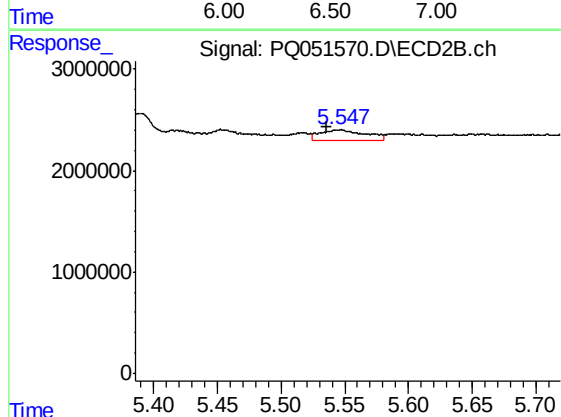
R.T.: 5.516 min
Delta R.T.: 0.001 min
Response: 945767
Conc: 4.71 ng/ml



#17 AR-1242-2

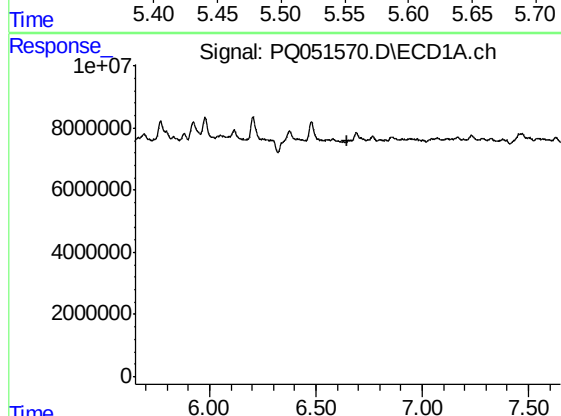
R.T.: 0.000 min
Exp R.T.: 6.583 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
DUP-34



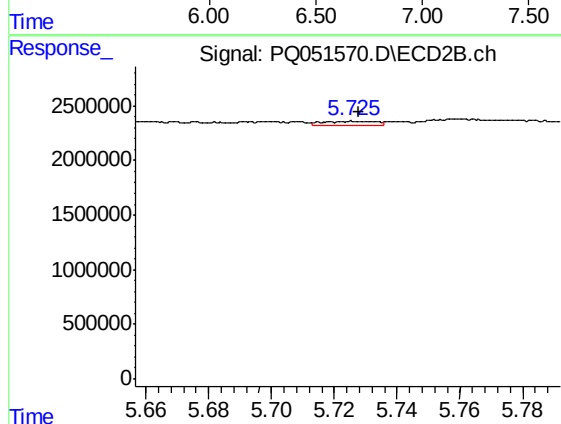
#17 AR-1242-2

R.T.: 5.547 min
Delta R.T.: 0.011 min
Response: 2567752
Conc: 9.23 ng/ml



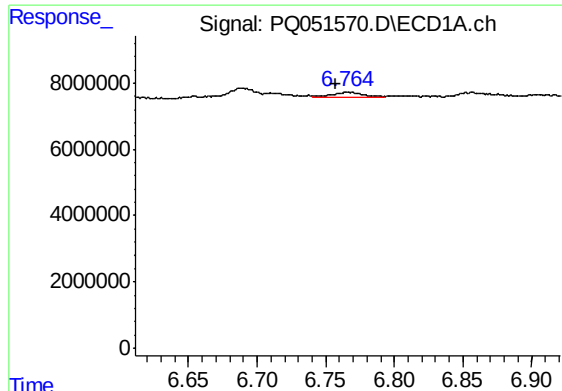
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.650 min
Response: 0
Conc: N.D.



#18 AR-1242-3

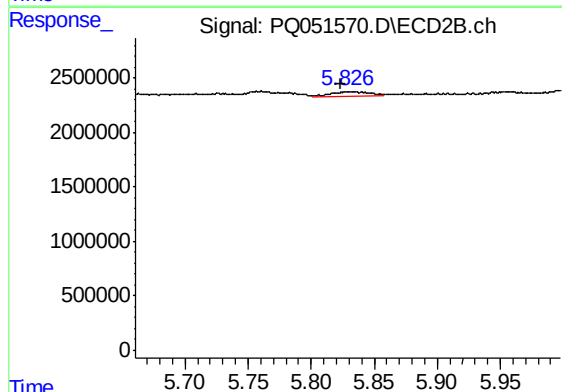
R.T.: 5.726 min
Delta R.T.: -0.002 min
Response: 449895
Conc: 3.05 ng/ml



#19 AR-1242-4

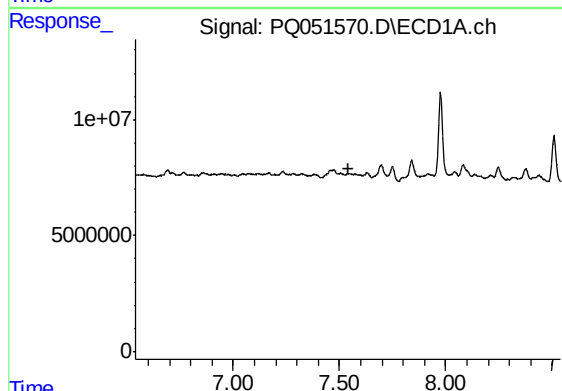
R.T.: 6.767 min
Delta R.T.: 0.009 min
Response: 2074466
Conc: 4.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-34



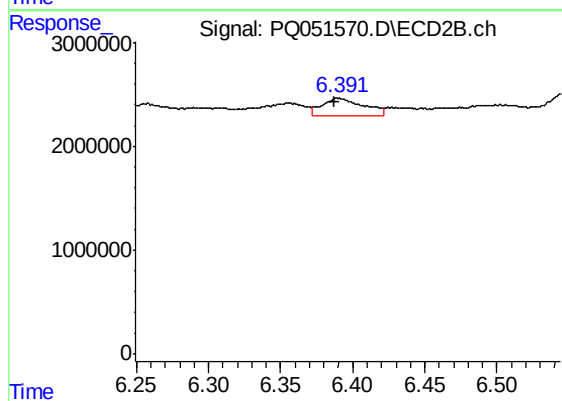
#19 AR-1242-4

R.T.: 5.827 min
Delta R.T.: 0.003 min
Response: 856609
Conc: 6.19 ng/ml



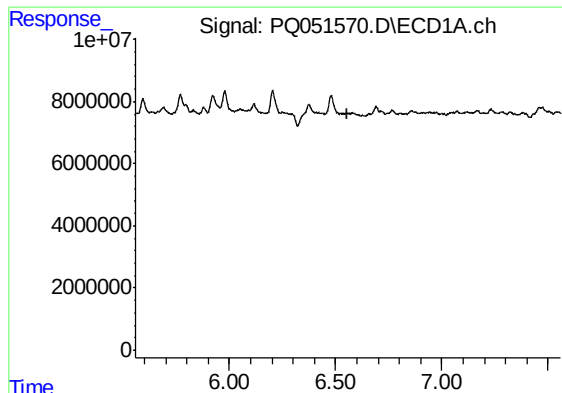
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 7.540 min
Response: 0
Conc: N.D.



#20 AR-1242-5

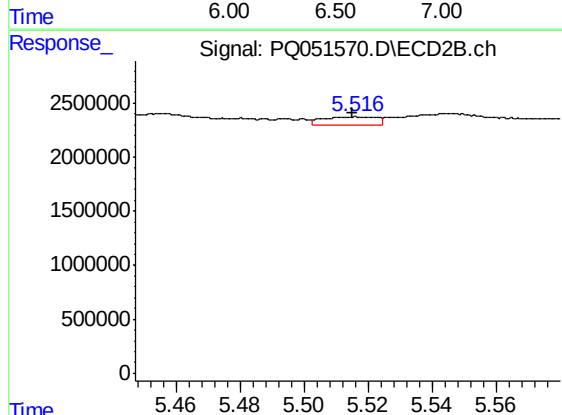
R.T.: 6.390 min
Delta R.T.: 0.003 min
Response: 3392905
Conc: 18.65 ng/ml



#21 AR-1248-1

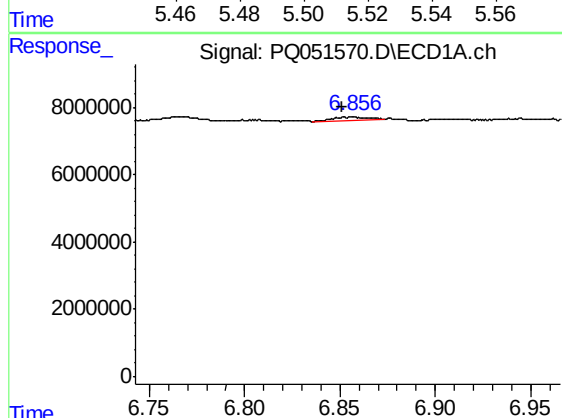
R.T.: 0.000 min
Exp R.T.: 6.558 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
DUP-34



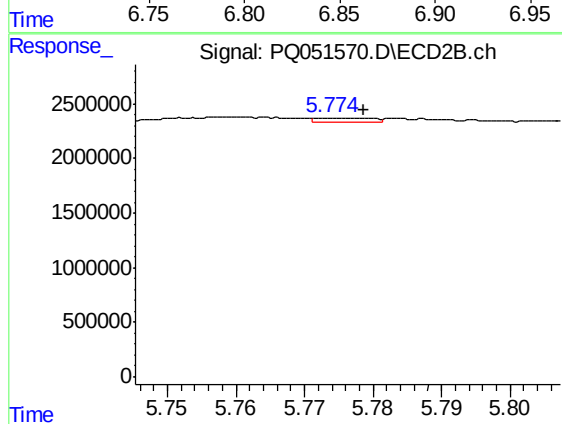
#21 AR-1248-1

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 945767
Conc: 6.26 ng/ml



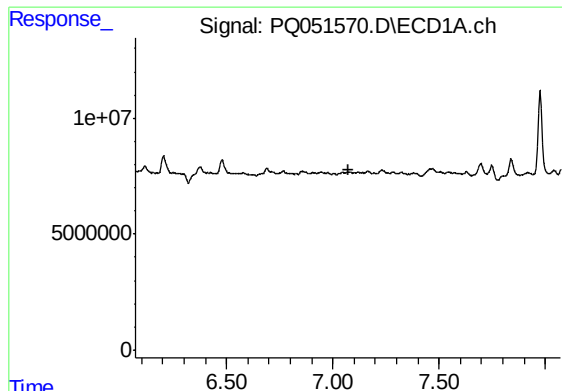
#22 AR-1248-2

R.T.: 6.857 min
Delta R.T.: 0.005 min
Response: 1220587
Conc: 1.76 ng/ml



#22 AR-1248-2

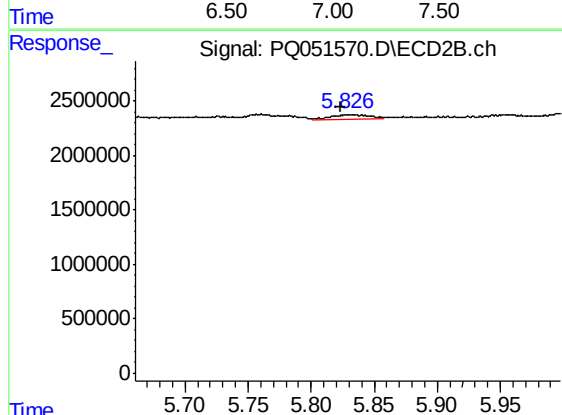
R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 244184
Conc: 1.22 ng/ml



#23 AR-1248-3

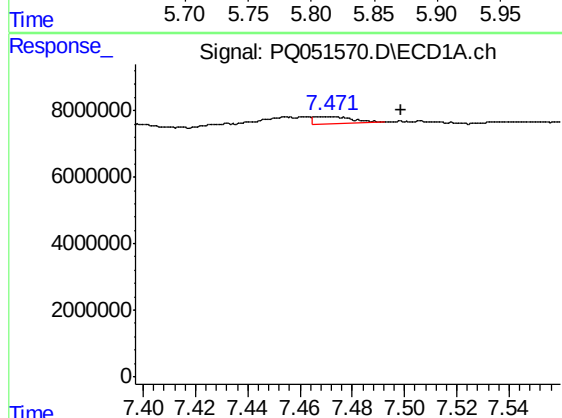
R.T.: 0.000 min
Exp R.T.: 7.072 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
DUP-34



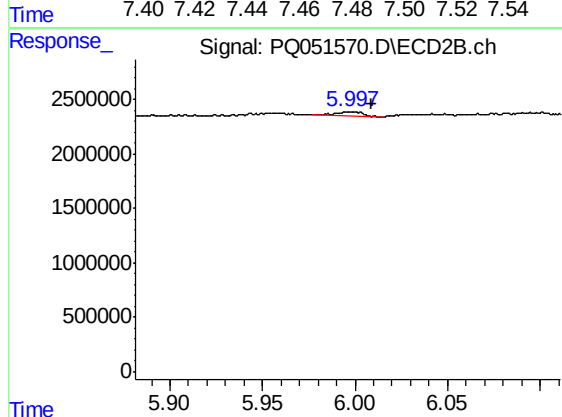
#23 AR-1248-3

R.T.: 5.827 min
Delta R.T.: 0.004 min
Response: 856609
Conc: 4.10 ng/ml



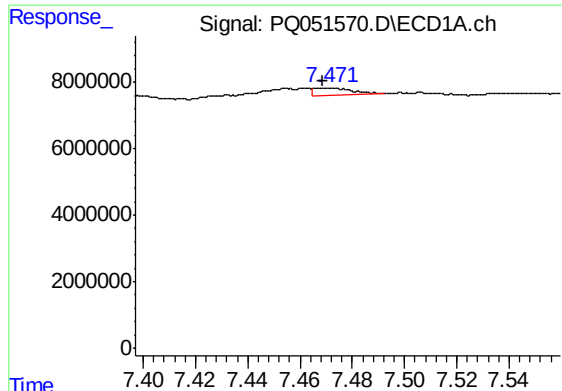
#24 AR-1248-4

R.T.: 7.471 min
Delta R.T.: -0.027 min
Response: 2036319
Conc: 2.20 ng/ml



#24 AR-1248-4

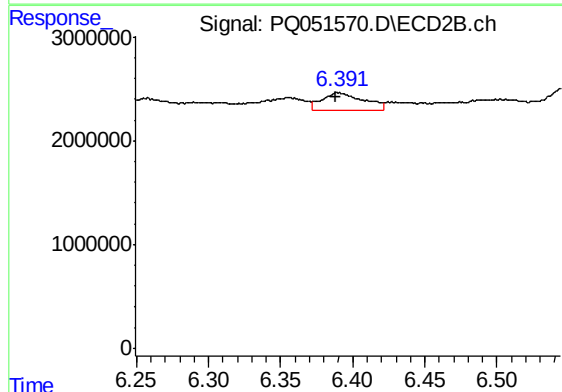
R.T.: 5.998 min
Delta R.T.: -0.011 min
Response: 439974
Conc: 1.77 ng/ml



#26 AR-1254-1

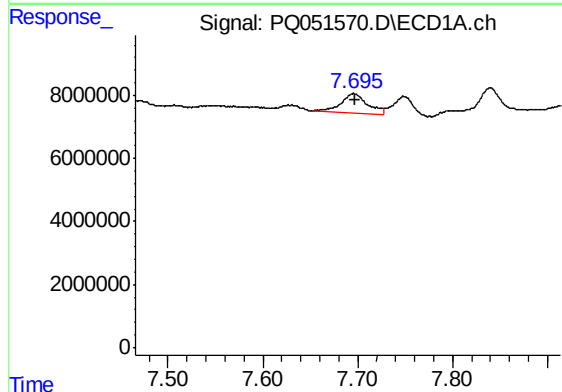
R.T.: 7.471 min
Delta R.T.: 0.003 min
Response: 2036319
Conc: 2.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-34



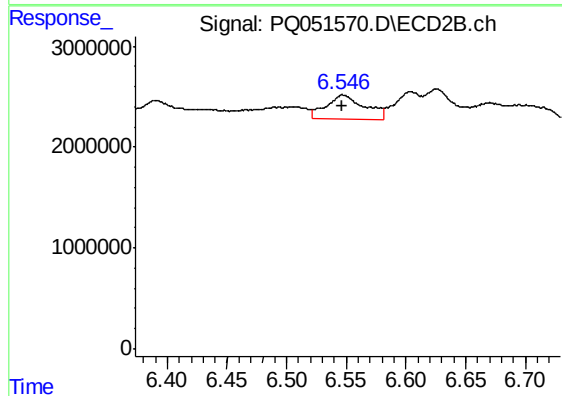
#26 AR-1254-1

R.T.: 6.390 min
Delta R.T.: 0.002 min
Response: 3392905
Conc: 8.72 ng/ml



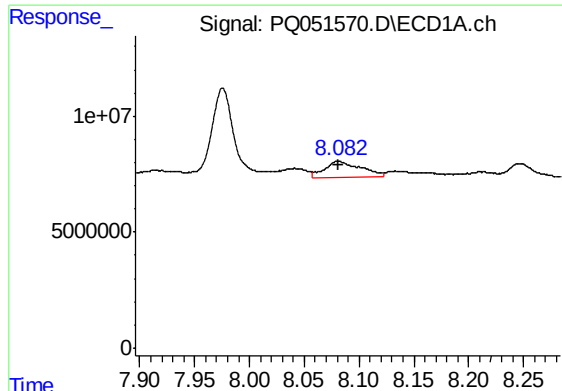
#27 AR-1254-2

R.T.: 7.695 min
Delta R.T.: -0.002 min
Response: 11815167
Conc: 8.49 ng/ml



#27 AR-1254-2

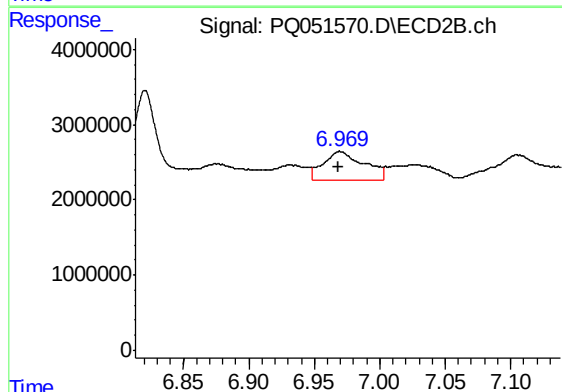
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 5407748
Conc: 16.17 ng/ml



#28 AR-1254-3

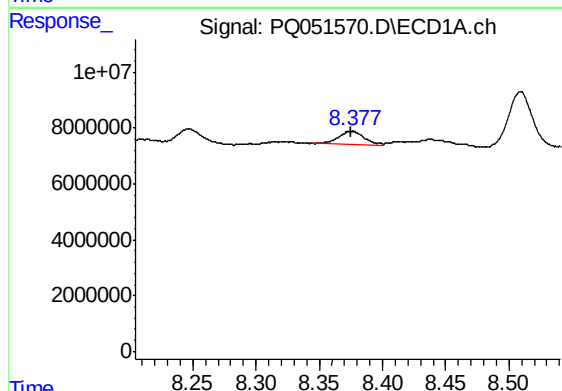
R.T.: 8.081 min
Delta R.T.: 0.000 min
Response: 15944327
Conc: 10.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-34



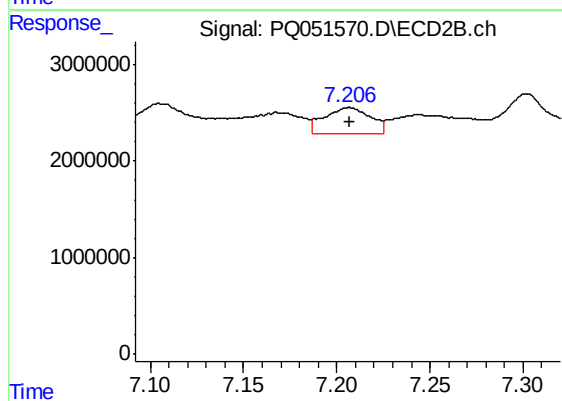
#28 AR-1254-3

R.T.: 6.969 min
Delta R.T.: 0.000 min
Response: 8038409
Conc: 14.42 ng/ml



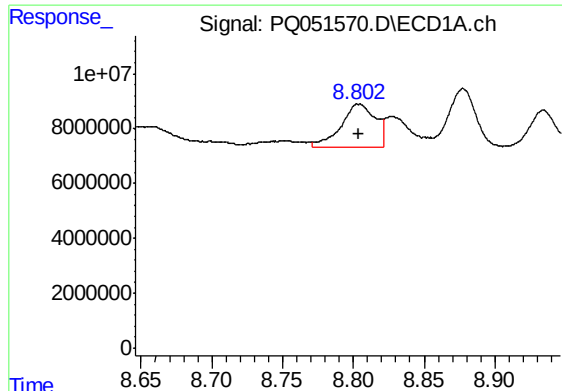
#29 AR-1254-4

R.T.: 8.377 min
Delta R.T.: 0.002 min
Response: 6624583
Conc: 6.11 ng/ml



#29 AR-1254-4

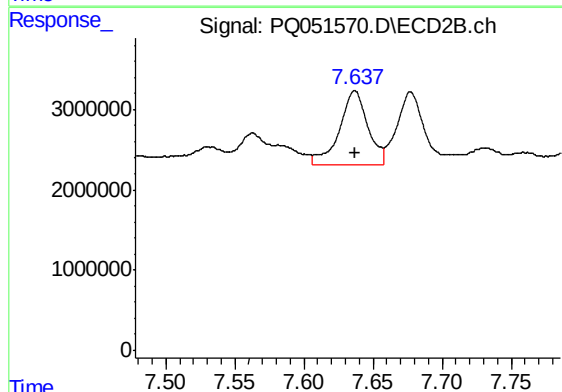
R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 4672124
Conc: 13.71 ng/ml



#30 AR-1254-5

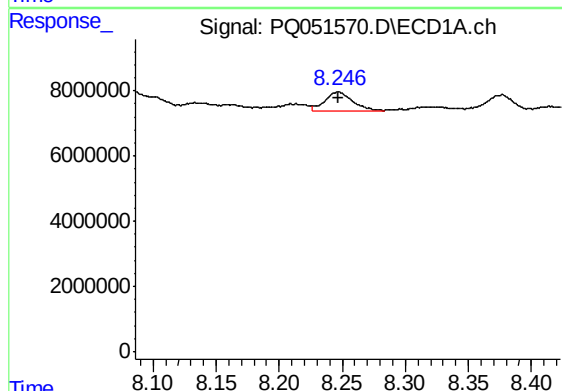
R.T.: 8.803 min
Delta R.T.: -0.001 min
Response: 25904442
Conc: 22.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-34



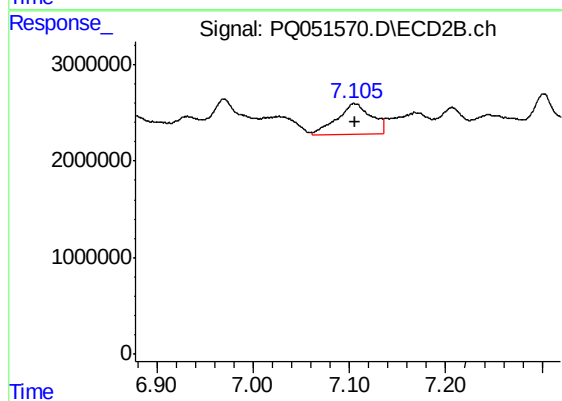
#30 AR-1254-5

R.T.: 7.637 min
Delta R.T.: 0.000 min
Response: 13331106
Conc: 27.53 ng/ml



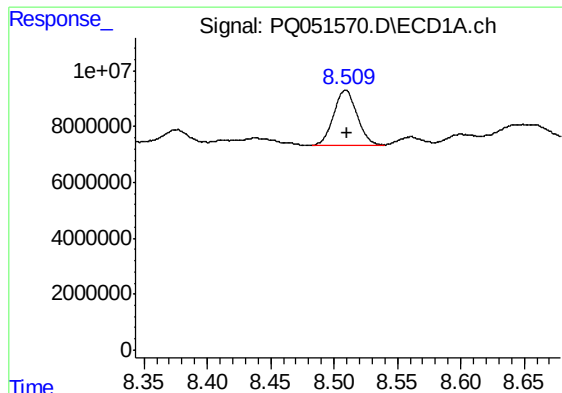
#31 AR-1260-1

R.T.: 8.247 min
Delta R.T.: 0.000 min
Response: 8655469
Conc: 8.29 ng/ml



#31 AR-1260-1

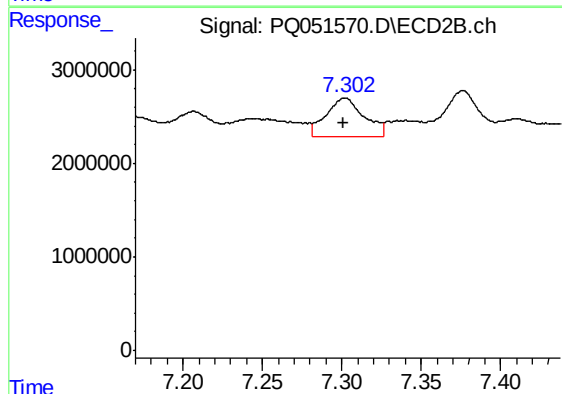
R.T.: 7.105 min
Delta R.T.: -0.001 min
Response: 8029443
Conc: 23.03 ng/ml



#32 AR-1260-2

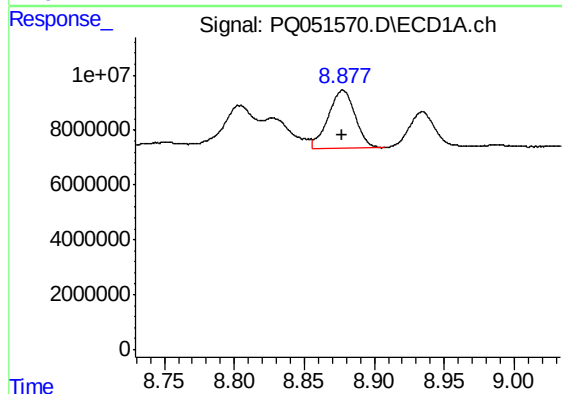
R.T.: 8.509 min
Delta R.T.: -0.001 min
Response: 25759763
Conc: 20.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-34



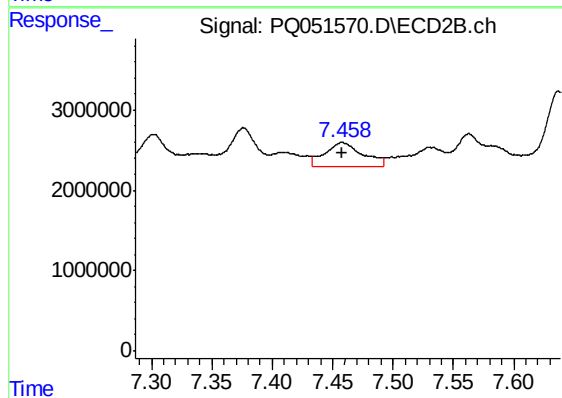
#32 AR-1260-2

R.T.: 7.302 min
Delta R.T.: 0.000 min
Response: 6804790
Conc: 15.93 ng/ml



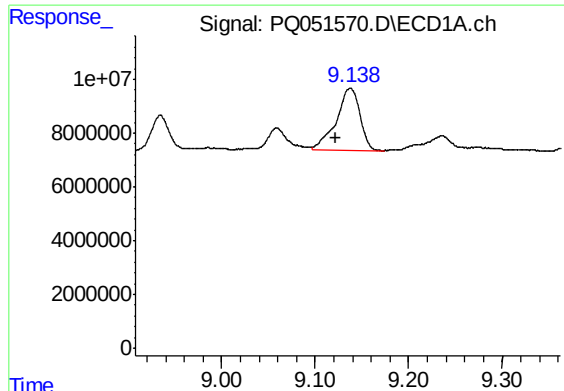
#33 AR-1260-3

R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 28047703
Conc: 30.54 ng/ml



#33 AR-1260-3

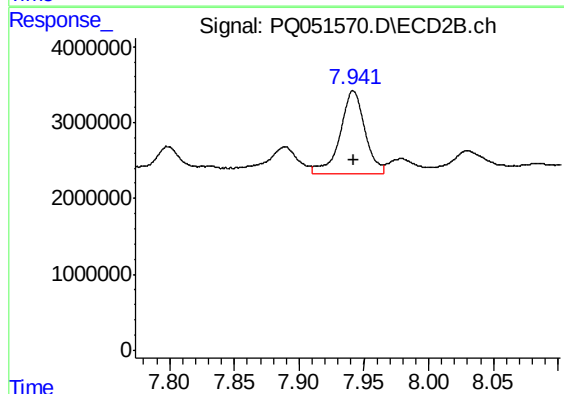
R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 6404083
Conc: 15.67 ng/ml



#34 AR-1260-4

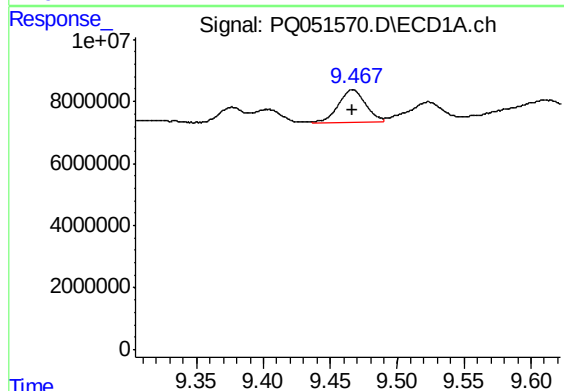
R.T.: 9.138 min
Delta R.T.: 0.016 min
Response: 41147397
Conc: 38.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-34



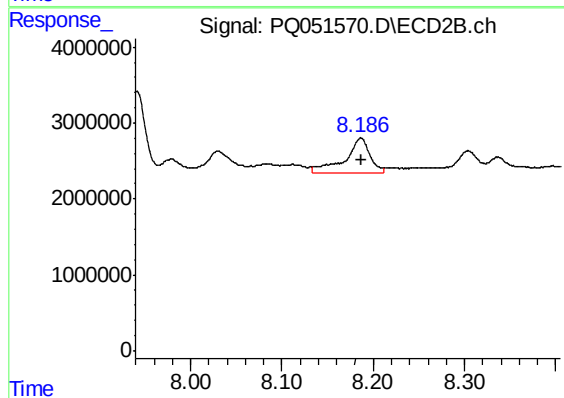
#34 AR-1260-4

R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 14490614
Conc: 42.23 ng/ml



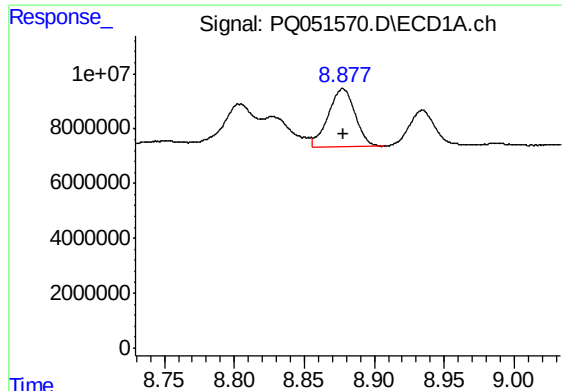
#35 AR-1260-5

R.T.: 9.467 min
Delta R.T.: 0.000 min
Response: 15116855
Conc: 6.80 ng/ml



#35 AR-1260-5

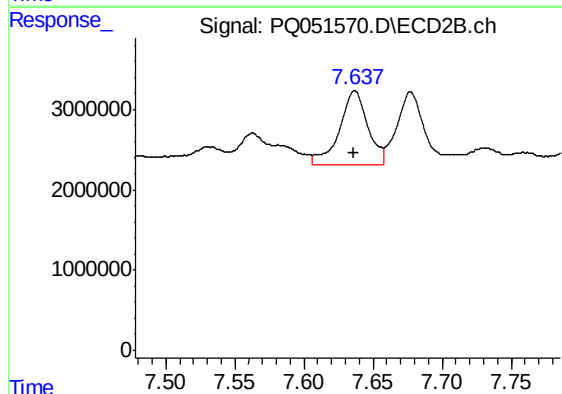
R.T.: 8.186 min
Delta R.T.: -0.001 min
Response: 8754862
Conc: 10.44 ng/ml



#36 AR-1262-1

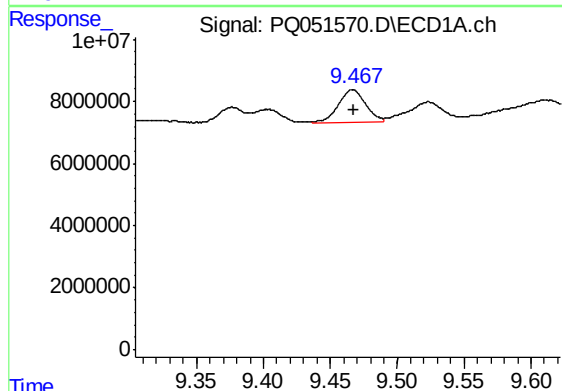
R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 28047703
Conc: 19.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-34



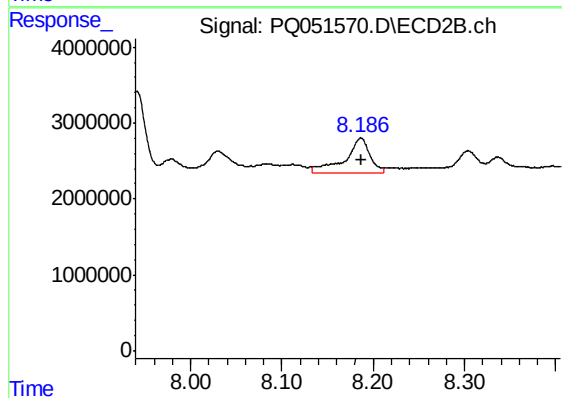
#36 AR-1262-1

R.T.: 7.637 min
Delta R.T.: 0.000 min
Response: 13331106
Conc: 50.31 ng/ml



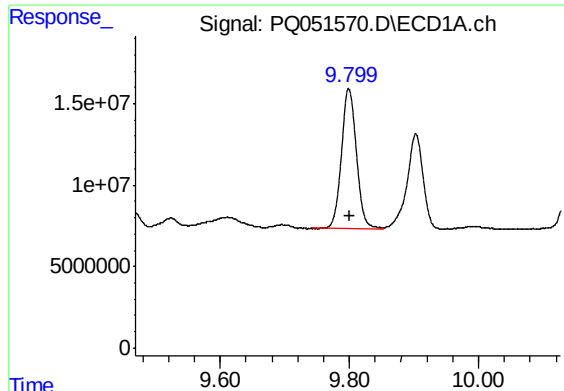
#37 AR-1262-2

R.T.: 9.467 min
Delta R.T.: 0.000 min
Response: 15116855
Conc: 5.74 ng/ml



#37 AR-1262-2

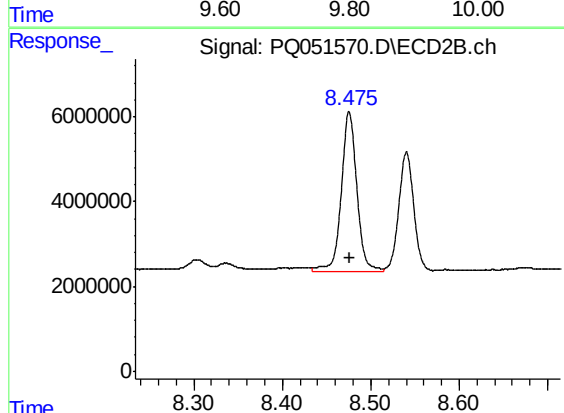
R.T.: 8.186 min
Delta R.T.: -0.001 min
Response: 8754862
Conc: 9.13 ng/ml



#38 AR-1262-3

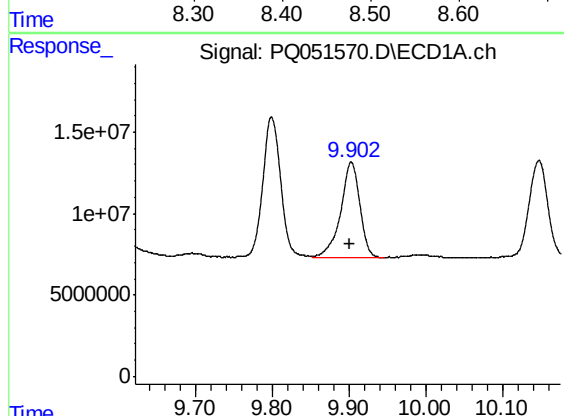
R.T.: 9.799 min
Delta R.T.: -0.002 min
Response: 138395517
Conc: 123.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-34



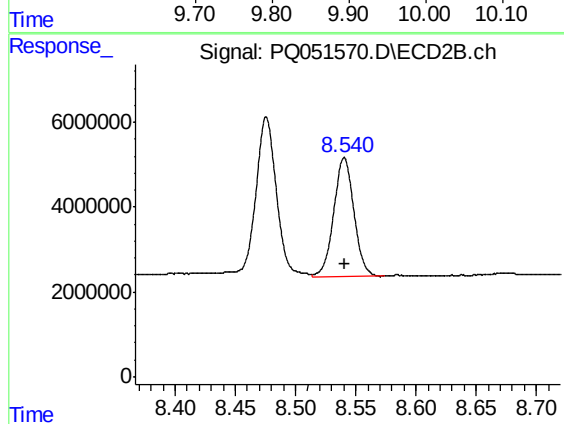
#38 AR-1262-3

R.T.: 8.476 min
Delta R.T.: -0.001 min
Response: 45769837
Conc: 129.47 ng/ml



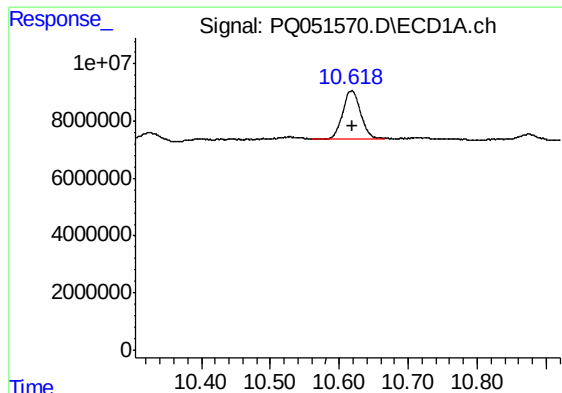
#39 AR-1262-4

R.T.: 9.903 min
Delta R.T.: 0.002 min
Response: 101279231
Conc: 79.82 ng/ml



#39 AR-1262-4

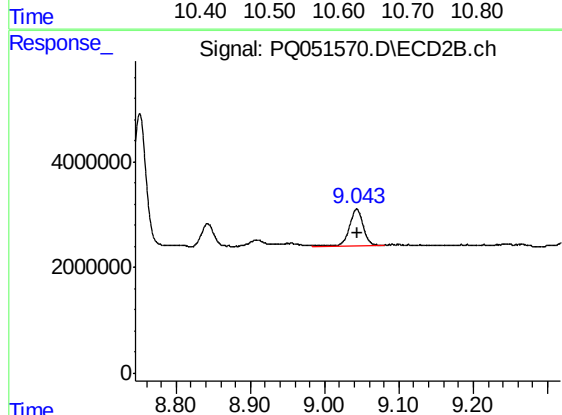
R.T.: 8.541 min
Delta R.T.: 0.000 min
Response: 32745969
Conc: 47.33 ng/ml



#40 AR-1262-5

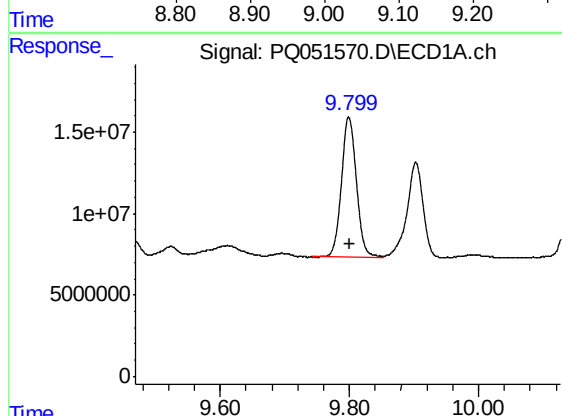
R.T.: 10.618 min
Delta R.T.: 0.000 min
Response: 30261695
Conc: 33.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-34



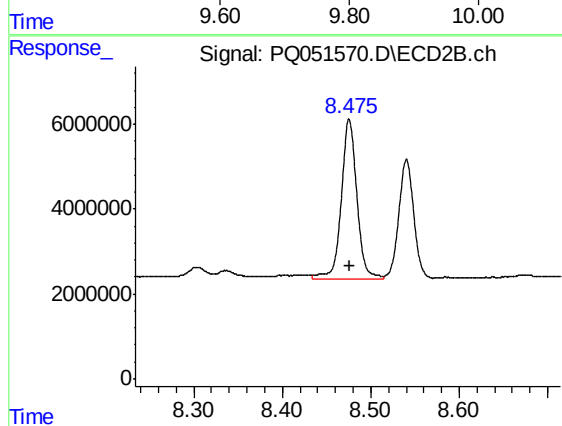
#40 AR-1262-5

R.T.: 9.043 min
Delta R.T.: -0.001 min
Response: 9319957
Conc: 30.92 ng/ml



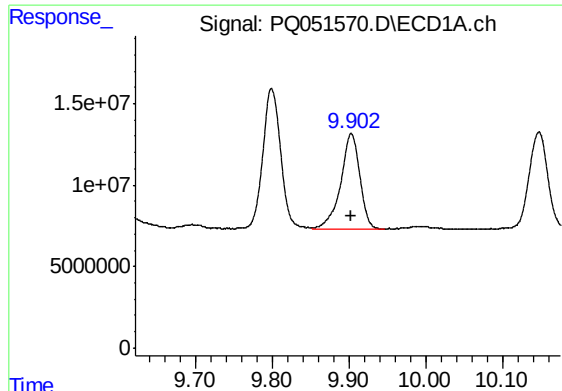
#41 AR-1268-1

R.T.: 9.799 min
Delta R.T.: -0.001 min
Response: 138395517
Conc: 49.58 ng/ml



#41 AR-1268-1

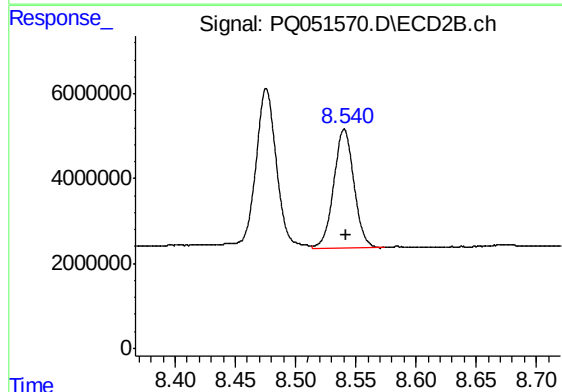
R.T.: 8.476 min
Delta R.T.: -0.001 min
Response: 45769837
Conc: 46.78 ng/ml



#42 AR-1268-2

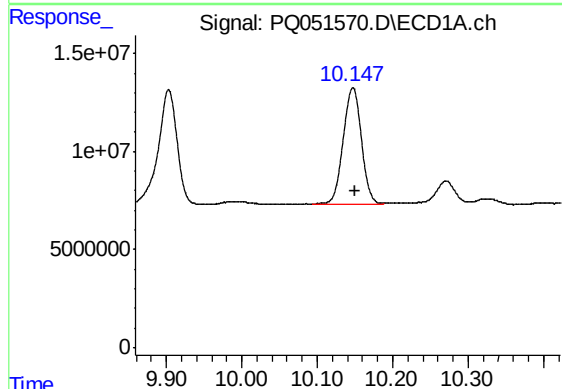
R.T.: 9.903 min
Delta R.T.: 0.000 min
Response: 101279231
Conc: 39.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-34



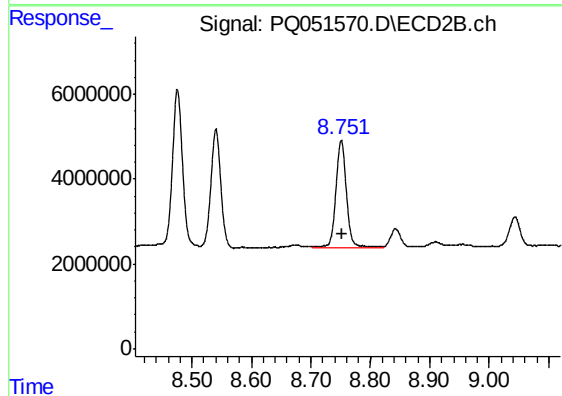
#42 AR-1268-2

R.T.: 8.541 min
Delta R.T.: -0.001 min
Response: 32745969
Conc: 36.23 ng/ml



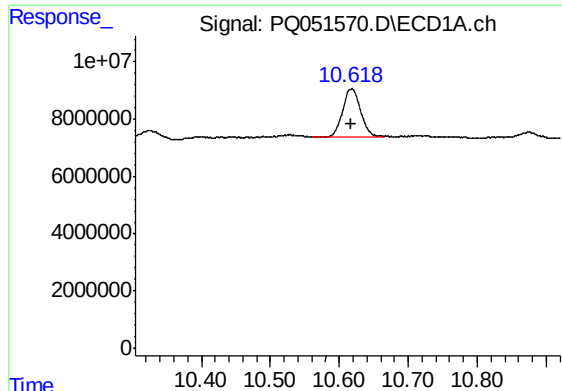
#43 AR-1268-3

R.T.: 10.148 min
Delta R.T.: -0.002 min
Response: 99959300
Conc: 46.23 ng/ml



#43 AR-1268-3

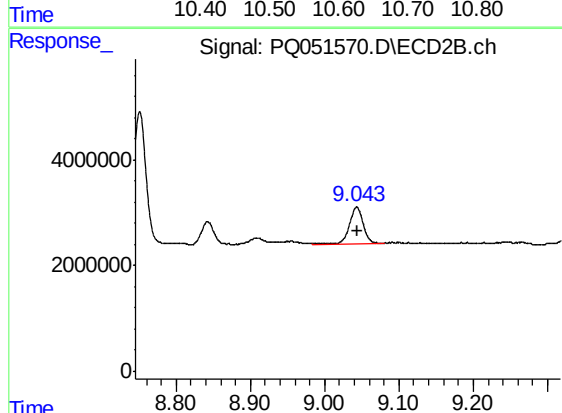
R.T.: 8.751 min
Delta R.T.: -0.002 min
Response: 31606514
Conc: 41.80 ng/ml



#44 AR-1268-4

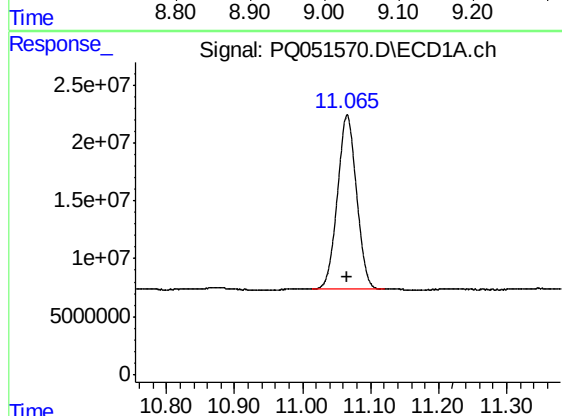
R.T.: 10.618 min
Delta R.T.: 0.000 min
Response: 30261695
Conc: 33.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-34



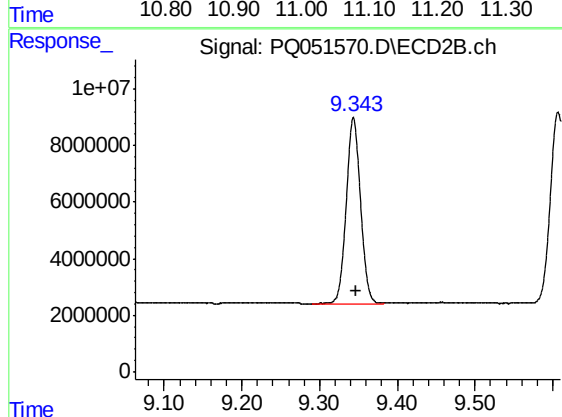
#44 AR-1268-4

R.T.: 9.043 min
Delta R.T.: -0.002 min
Response: 9319957
Conc: 30.03 ng/ml



#45 AR-1268-5

R.T.: 11.066 min
Delta R.T.: 0.000 min
Response: 293510453
Conc: 41.40 ng/ml



#45 AR-1268-5

R.T.: 9.344 min
Delta R.T.: -0.003 min
Response: 83981903
Conc: 35.08 ng/ml