

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031221\
 Data File : PQ052559.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2021 11:10
 Operator : DD\AJ
 Sample : M1458-03
 Misc : AR1248 MDL 25 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 02:09:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031021.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 11 04:11:59 2021
 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...	5.227	4.245	473.3E6	167.8E6	18.635	18.449
2)	SA Decachlor...	11.412	9.585	487.7E6	183.7E6	19.563	18.937
Target Compounds							
3)	L1 AR-1016-1	6.550	5.503	15488113	1580862	18.295	4.892 #
4)	L1 AR-1016-2	6.574	5.523	20568174	2229364	16.236	4.719 #
5)	L1 AR-1016-3	6.644	5.717	11198913	2654756	14.984	10.986 #
6)	L1 AR-1016-4	6.748	5.765	13142856	5529830	20.947	30.063 #
7)	L1 AR-1016-5	7.063	5.998	19259341	4560020	33.007	18.774 #
8)	L2 AR-1221-1	5.491f	0.000	23685032	0	94.903	N.D. #
9)	L2 AR-1221-2	5.583	4.597	14314819	4891234	79.027	73.642
10)	L2 AR-1221-3	5.666	0.000	17081396	0	29.651	N.D. #
11)	L3 AR-1232-1	5.666	0.000	17081396	0	35.543	N.D. #
12)	L3 AR-1232-2	6.257	5.523	7859803	2229364	31.777	11.530 #
13)	L3 AR-1232-3	6.574	5.717	20568174	2654756	38.994	27.448 #
14)	L3 AR-1232-4	6.748	5.811	13142856	6941684	51.018	86.055 #
15)	L3 AR-1232-5	6.844	5.998	18814256	4560020	104.466	50.497 #
16)	L4 AR-1242-1	6.550	5.503	15488113	1580862	23.921	6.424 #
17)	L4 AR-1242-2	6.574	5.523	20568174	2229364	21.455	6.346 #
18)	L4 AR-1242-3	6.644	5.717	11198913	2654756	19.533	14.412 #
19)	L4 AR-1242-4	6.748	5.811	13142856	6941684	27.673	41.195 #
20)	L4 AR-1242-5	7.531	6.374	23288726	13965931	44.233	58.731 #
21)	L5 AR-1248-1	6.550	5.503	15488113	1580862	32.004	8.524 #
22)	L5 AR-1248-2	6.844	5.765	18814256	5529830	28.150	22.332
23)	L5 AR-1248-3	7.063	5.811	19259341	6941684	24.878	27.029
24)	L5 AR-1248-4	7.491	5.998	26621059	4560020	28.920	14.631 #
25)	L5 AR-1248-5	7.531	6.419	23288726	10995690	25.487	32.658 #
26)	L6 AR-1254-1	7.462	6.374	30517558	13965931	33.923	27.111
27)	L6 AR-1254-2	7.696	6.534	21655879	7285597	15.327	16.281
28)	L6 AR-1254-3	8.072	6.955	17592869	6619968	11.335	8.952
29)	L6 AR-1254-4	8.365	7.193	6864457	4379115	5.991	8.769 #
30)	L6 AR-1254-5	8.799	7.619	10222259	7983479	8.406	11.694 #
31)	L7 AR-1260-1	0.000	7.103	0	3214528	N.D.	6.895 #
32)	L7 AR-1260-2	8.509	0.000	14686197	0	11.586	N.D. #
33)	L7 AR-1260-3	8.851f	7.444	617040	2686583	0.650	4.870 #
35)	L7 AR-1260-5	9.484f	8.172	1267485	7604908	0.530	5.777 #
36)	L8 AR-1262-1	8.851f	7.619	617040	7983479	0.440	22.225 #
37)	L8 AR-1262-2	9.484f	8.172	1267485	7604908	0.463	5.142 #
38)	L8 AR-1262-3	0.000	8.456	0	43571350	N.D.	75.454 #
39)	L8 AR-1262-4	0.000	8.549f	0	1878473	N.D.	1.827 #
41)	L9 AR-1268-1	0.000	8.456	0	43571350	N.D.	25.479 #
42)	L9 AR-1268-2	0.000	8.549f	0	1878473	N.D.	1.248 #
45)	L9 AR-1268-5	11.052	9.322	3387524	4513114	0.377	1.163 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031221\
Data File : PQ052559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2021 11:10
Operator : DD\AJ
Sample : M1458-03
Misc : AR1248 MDL 25 PPB
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 02:09:18 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031021.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 11 04:11:59 2021
Response via : Initial Calibration
Integrator: ChemStation

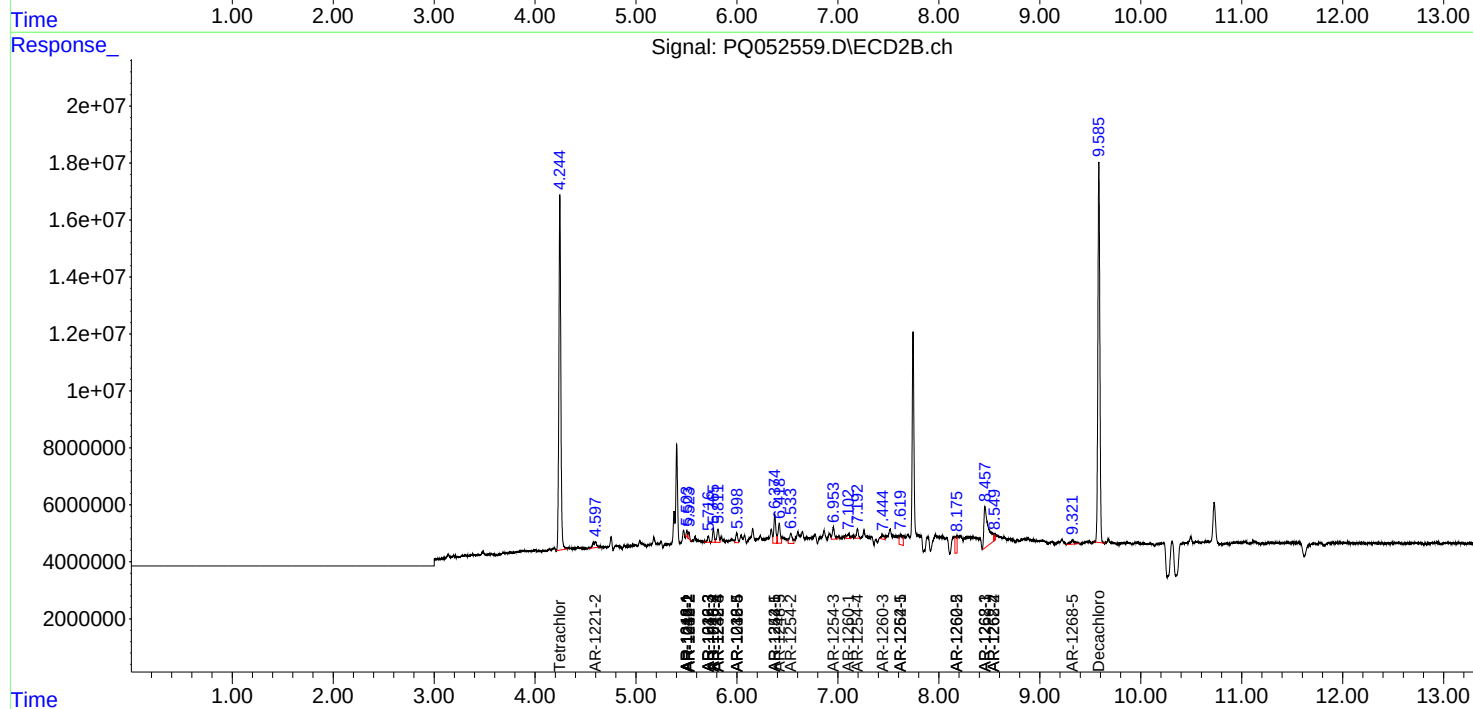
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

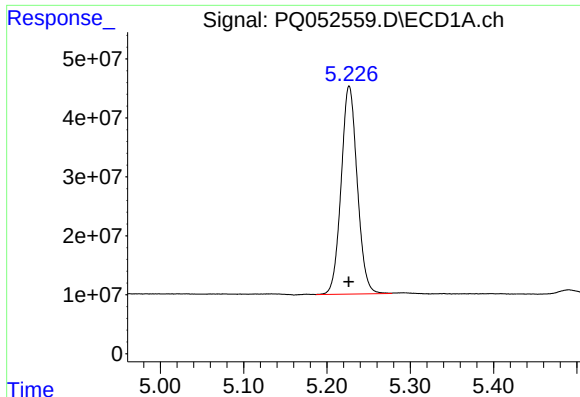
Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

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

Instrument :
ECD_Q
ClientSampleId :

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

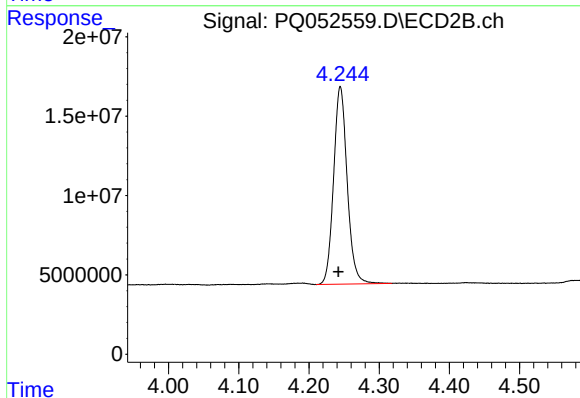




#1 Tetrachloro-m-xylene

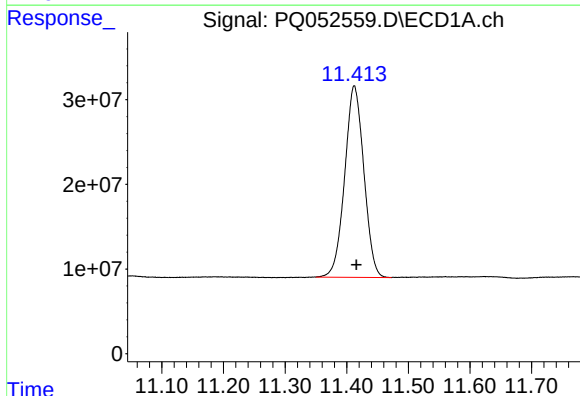
R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 473343225
Conc: 18.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



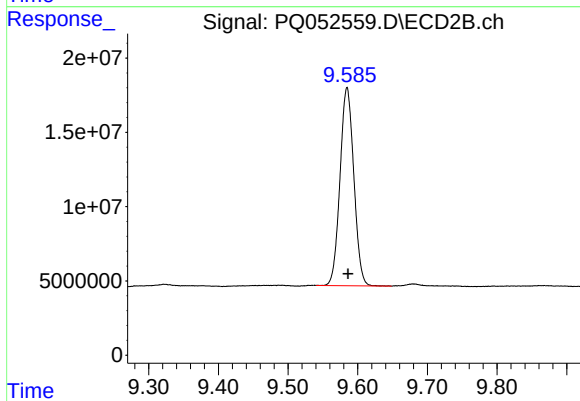
#1 Tetrachloro-m-xylene

R.T.: 4.245 min
Delta R.T.: 0.003 min
Response: 167824328
Conc: 18.45 ng/ml



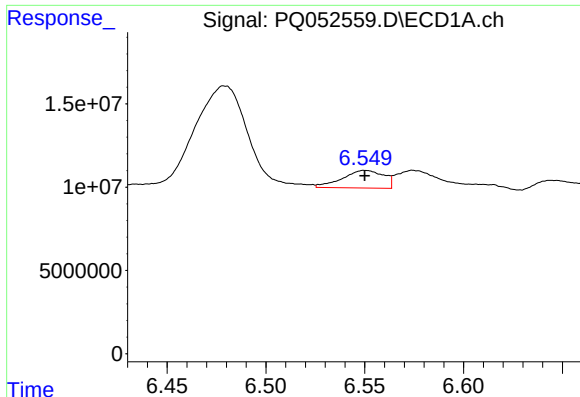
#2 Decachlorobiphenyl

R.T.: 11.412 min
Delta R.T.: -0.003 min
Response: 487707364
Conc: 19.56 ng/ml



#2 Decachlorobiphenyl

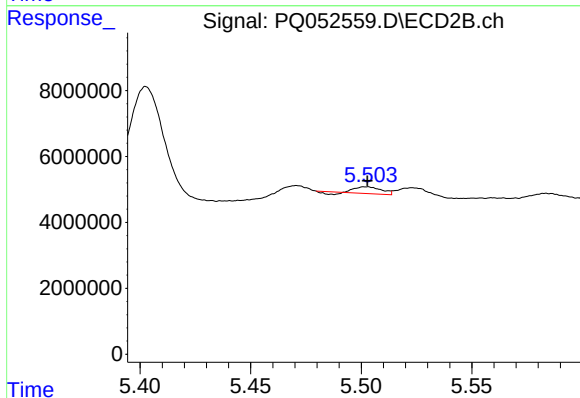
R.T.: 9.585 min
Delta R.T.: -0.002 min
Response: 183679108
Conc: 18.94 ng/ml



#3 AR-1016-1

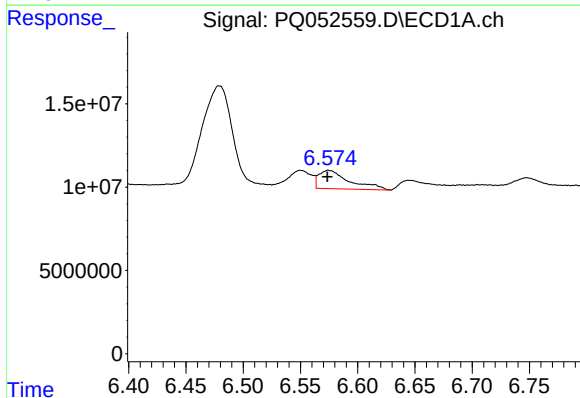
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 15488113
Conc: 18.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



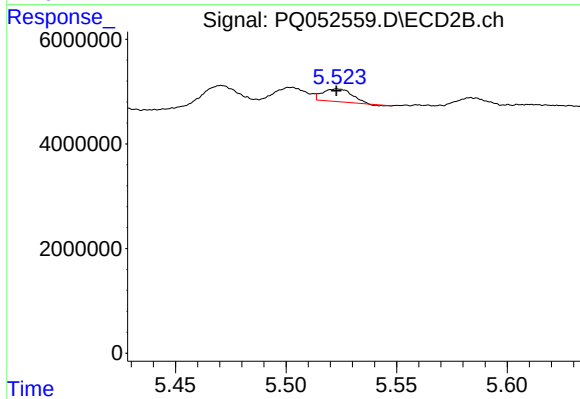
#3 AR-1016-1

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 1580862
Conc: 4.89 ng/ml



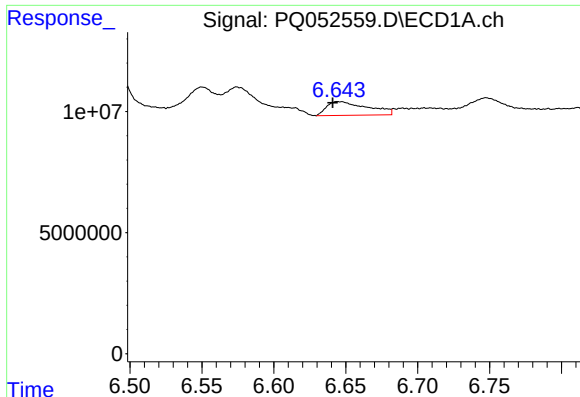
#4 AR-1016-2

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 20568174
Conc: 16.24 ng/ml



#4 AR-1016-2

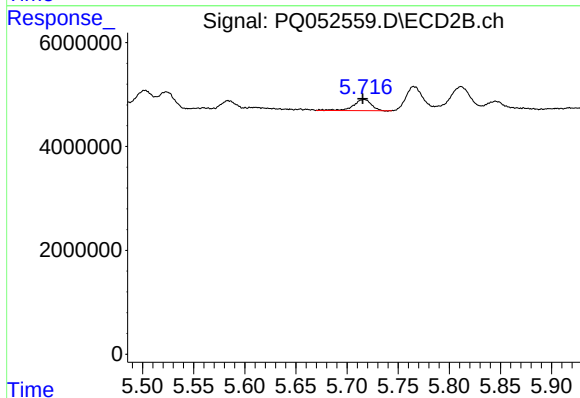
R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 2229364
Conc: 4.72 ng/ml



#5 AR-1016-3

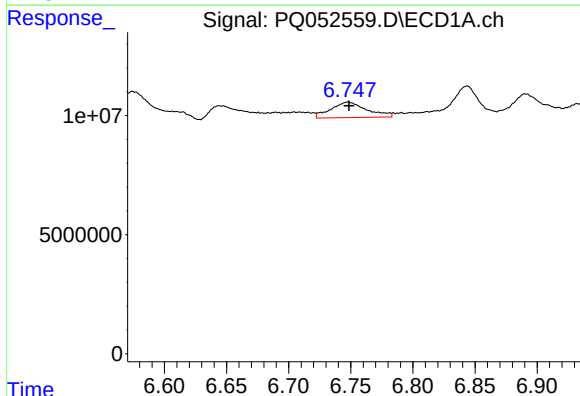
R.T.: 6.644 min
Delta R.T.: 0.003 min
Response: 11198913
Conc: 14.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



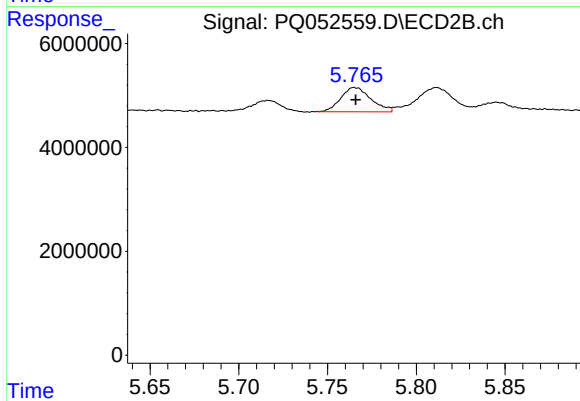
#5 AR-1016-3

R.T.: 5.717 min
Delta R.T.: 0.001 min
Response: 2654756
Conc: 10.99 ng/ml



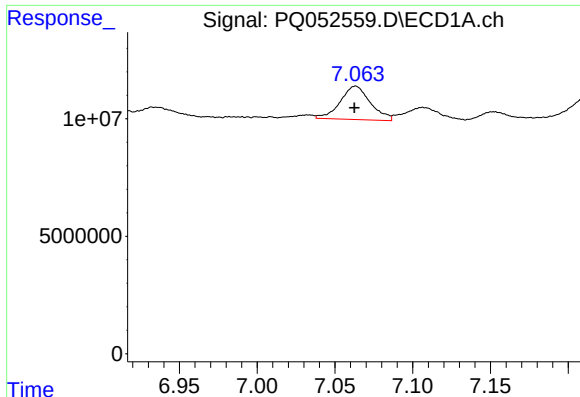
#6 AR-1016-4

R.T.: 6.748 min
Delta R.T.: -0.001 min
Response: 13142856
Conc: 20.95 ng/ml



#6 AR-1016-4

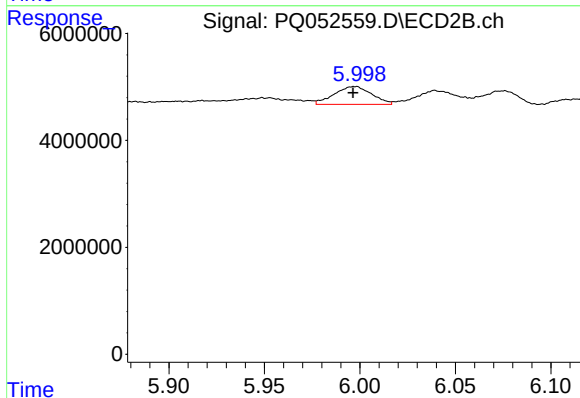
R.T.: 5.765 min
Delta R.T.: -0.001 min
Response: 5529830
Conc: 30.06 ng/ml



#7 AR-1016-5

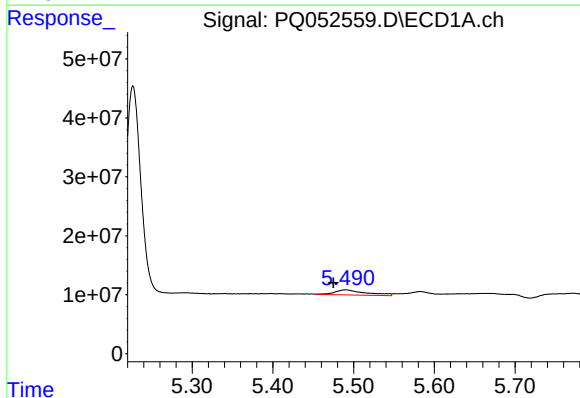
R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 19259341
Conc: 33.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



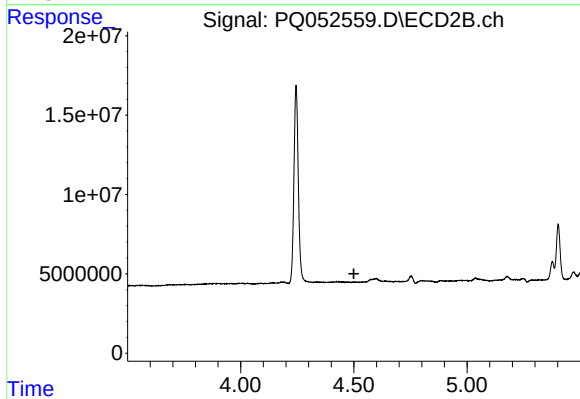
#7 AR-1016-5

R.T.: 5.998 min
Delta R.T.: 0.002 min
Response: 4560020
Conc: 18.77 ng/ml



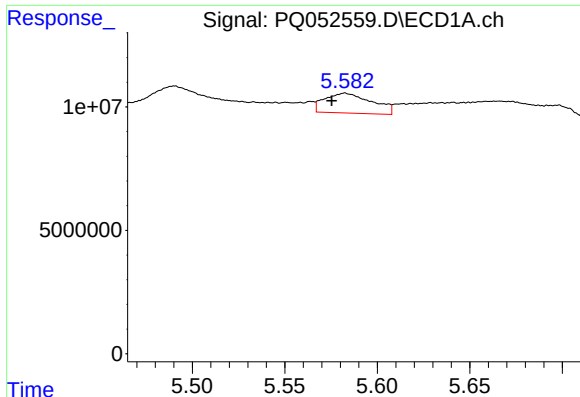
#8 AR-1221-1

R.T.: 5.491 min
Delta R.T.: 0.016 min
Response: 23685032
Conc: 94.90 ng/ml



#8 AR-1221-1

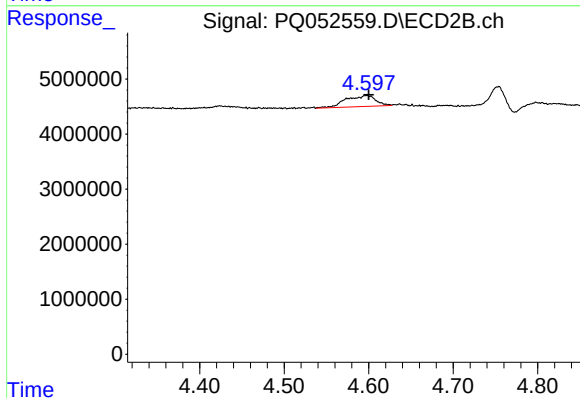
R.T.: 0.000 min
Exp R.T. : 4.500 min
Response: 0
Conc: N.D.



#9 AR-1221-2

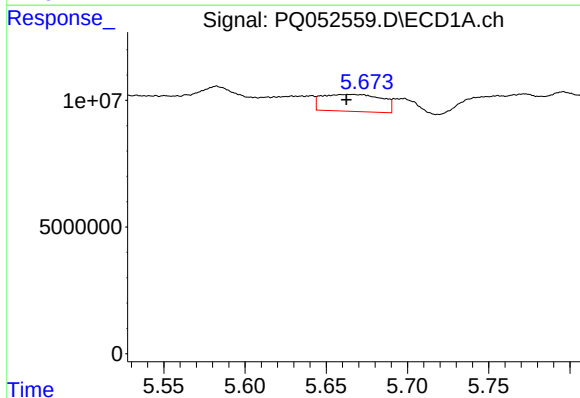
R.T.: 5.583 min
Delta R.T.: 0.007 min
Response: 14314819
Conc: 79.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



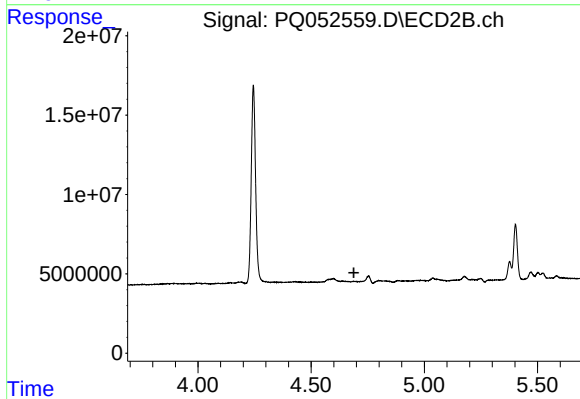
#9 AR-1221-2

R.T.: 4.597 min
Delta R.T.: -0.003 min
Response: 4891234
Conc: 73.64 ng/ml



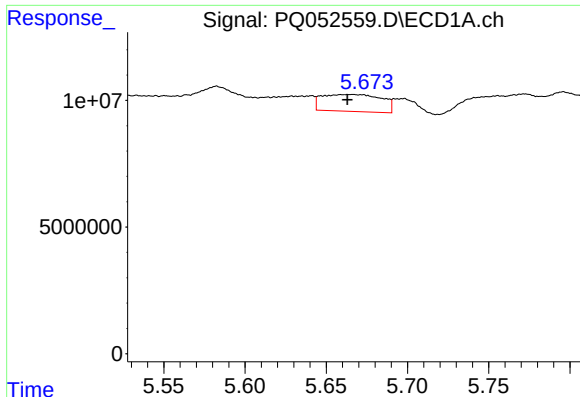
#10 AR-1221-3

R.T.: 5.666 min
Delta R.T.: 0.004 min
Response: 17081396
Conc: 29.65 ng/ml



#10 AR-1221-3

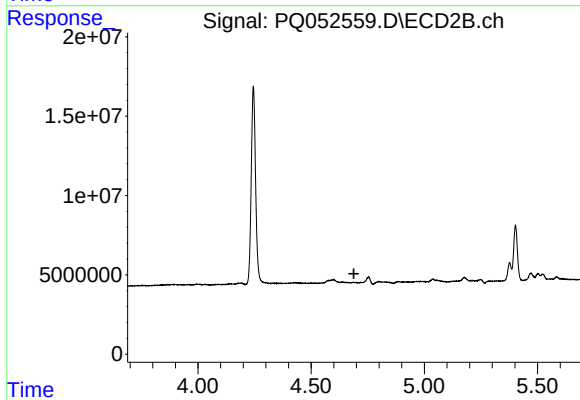
R.T.: 0.000 min
Exp R.T.: 4.689 min
Response: 0
Conc: N.D.



#11 AR-1232-1

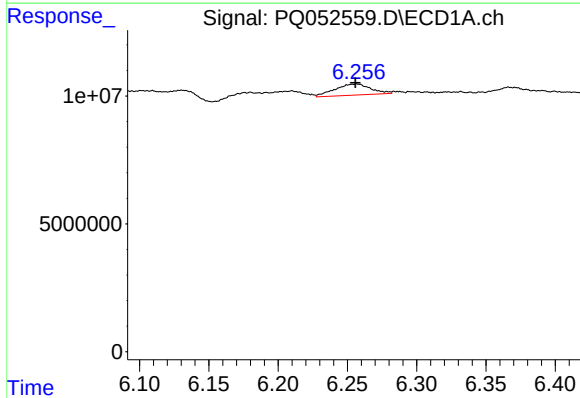
R.T.: 5.666 min
Delta R.T.: 0.003 min
Response: 17081396
Conc: 35.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



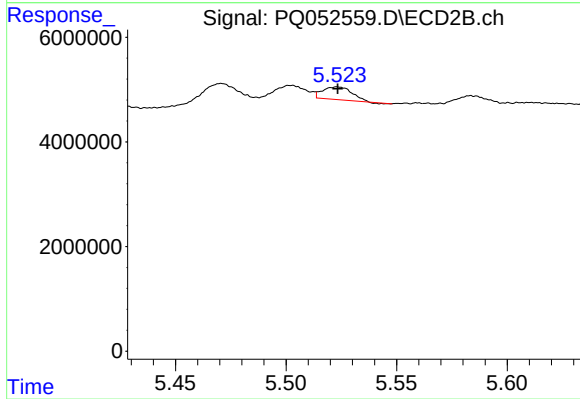
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.689 min
Response: 0
Conc: N.D.



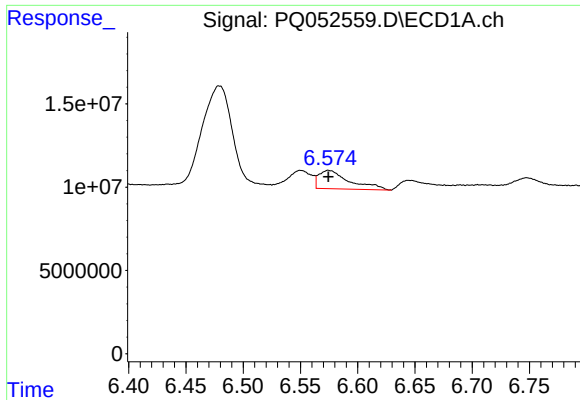
#12 AR-1232-2

R.T.: 6.257 min
Delta R.T.: 0.001 min
Response: 7859803
Conc: 31.78 ng/ml



#12 AR-1232-2

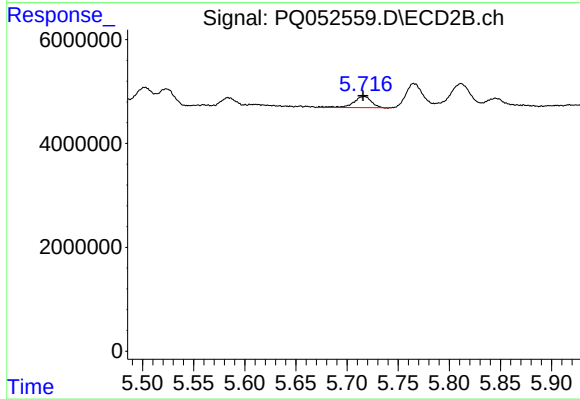
R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 2229364
Conc: 11.53 ng/ml



#13 AR-1232-3

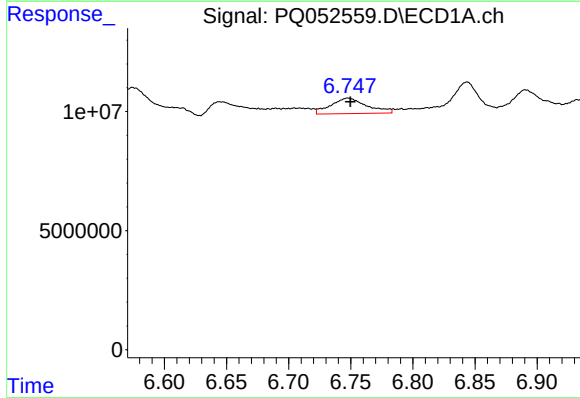
R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 20568174
Conc: 38.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



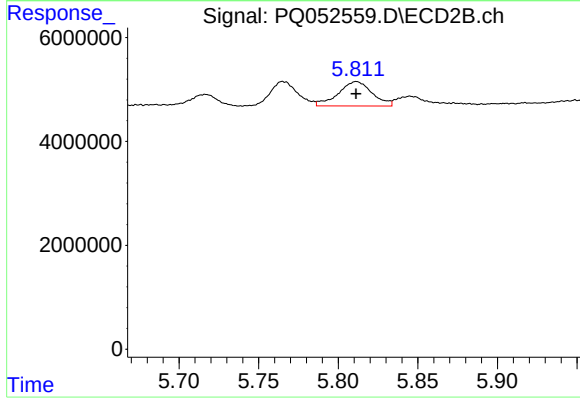
#13 AR-1232-3

R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 2654756
Conc: 27.45 ng/ml



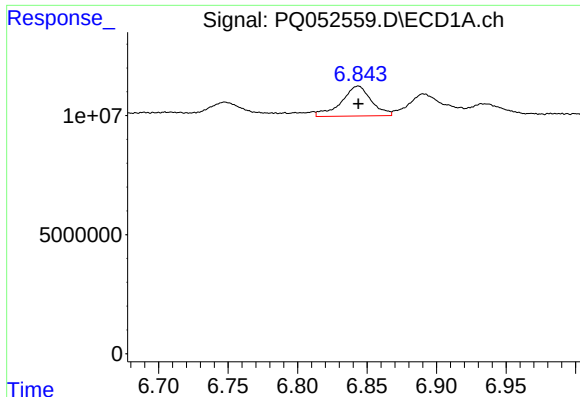
#14 AR-1232-4

R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 13142856
Conc: 51.02 ng/ml



#14 AR-1232-4

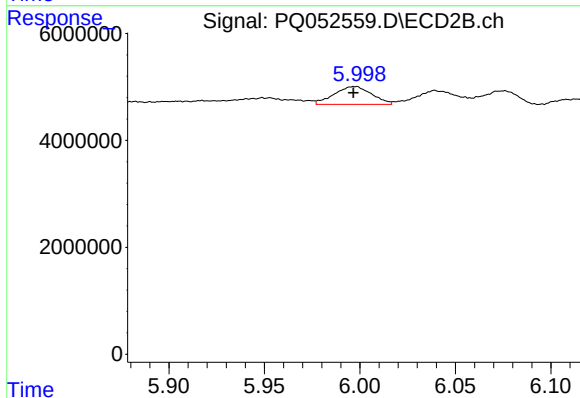
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 6941684
Conc: 86.05 ng/ml



#15 AR-1232-5

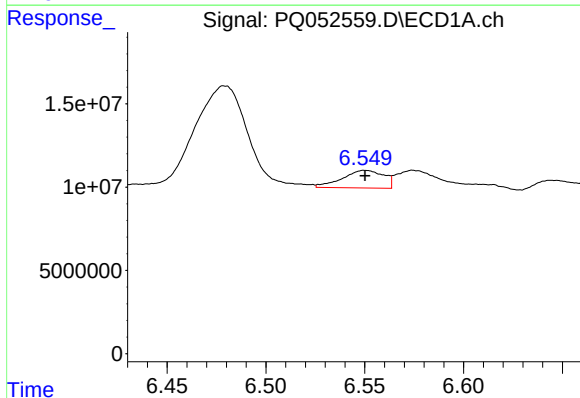
R.T.: 6.844 min
Delta R.T.: 0.000 min
Response: 18814256
Conc: 104.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



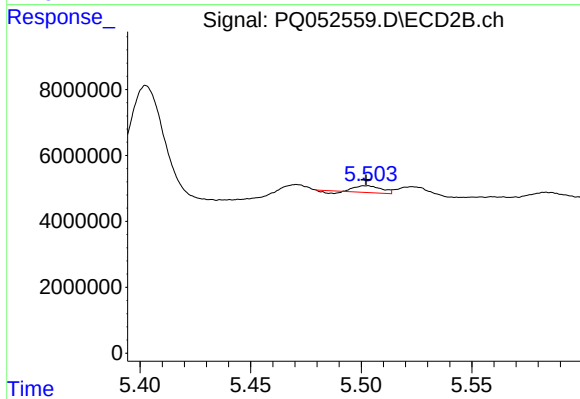
#15 AR-1232-5

R.T.: 5.998 min
Delta R.T.: 0.002 min
Response: 4560020
Conc: 50.50 ng/ml



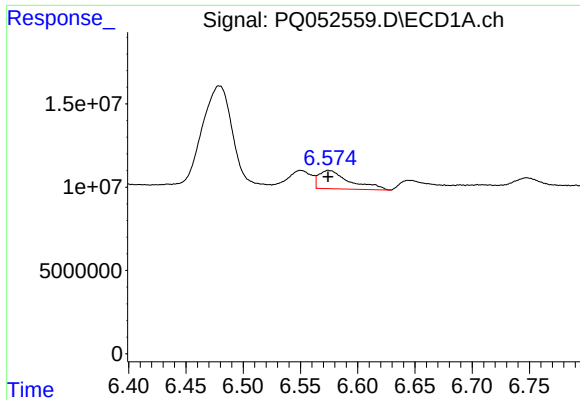
#16 AR-1242-1

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 15488113
Conc: 23.92 ng/ml



#16 AR-1242-1

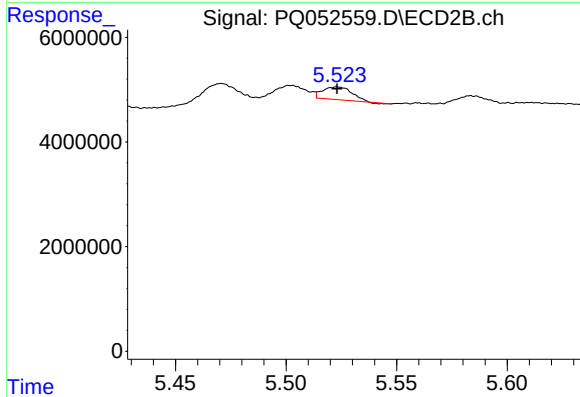
R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 1580862
Conc: 6.42 ng/ml



#17 AR-1242-2

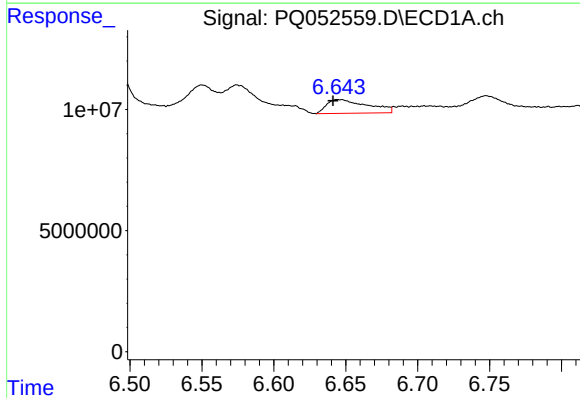
R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 20568174
Conc: 21.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



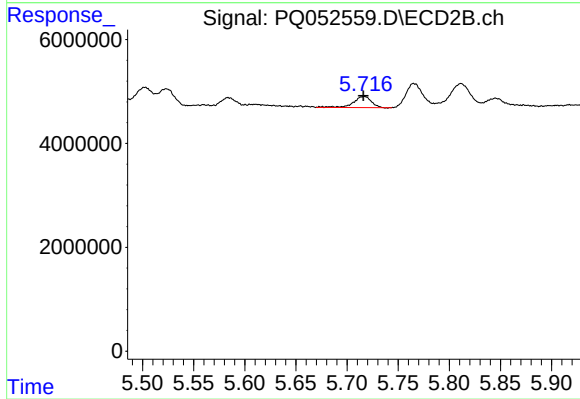
#17 AR-1242-2

R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 2229364
Conc: 6.35 ng/ml



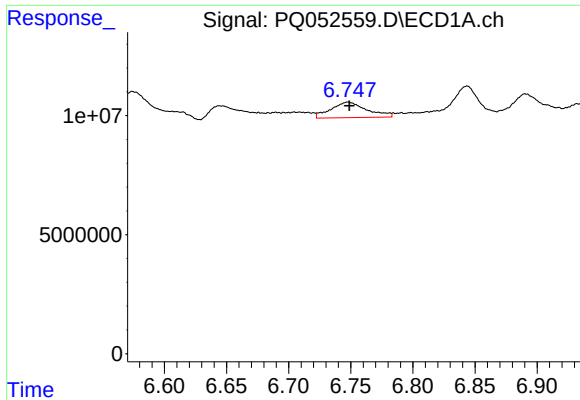
#18 AR-1242-3

R.T.: 6.644 min
Delta R.T.: 0.003 min
Response: 11198913
Conc: 19.53 ng/ml



#18 AR-1242-3

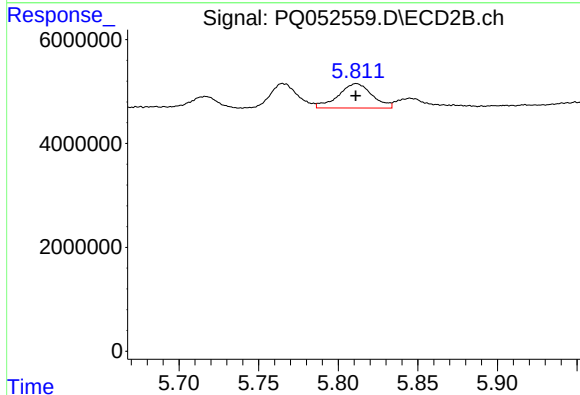
R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 2654756
Conc: 14.41 ng/ml



#19 AR-1242-4

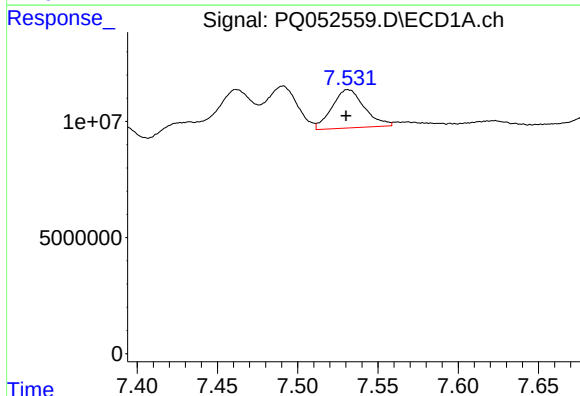
R.T.: 6.748 min
Delta R.T.: -0.001 min
Response: 13142856
Conc: 27.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



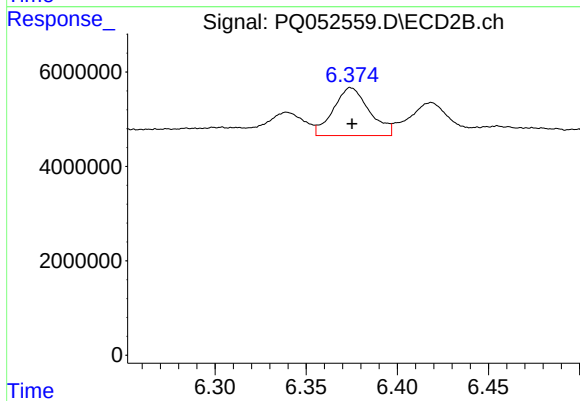
#19 AR-1242-4

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 6941684
Conc: 41.19 ng/ml



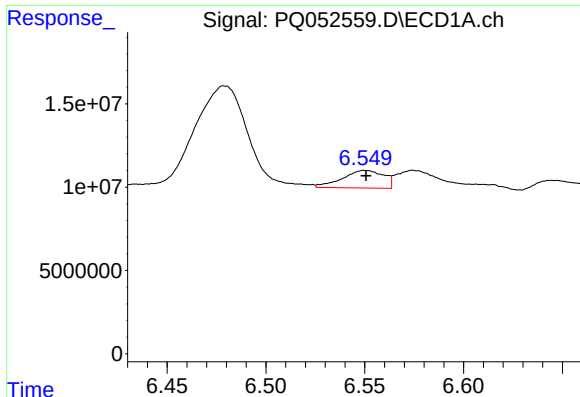
#20 AR-1242-5

R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 23288726
Conc: 44.23 ng/ml



#20 AR-1242-5

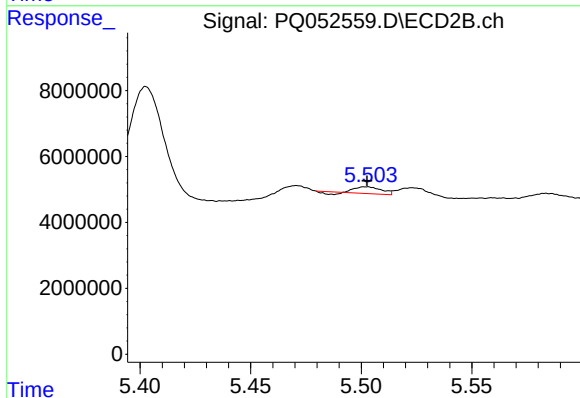
R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 13965931
Conc: 58.73 ng/ml



#21 AR-1248-1

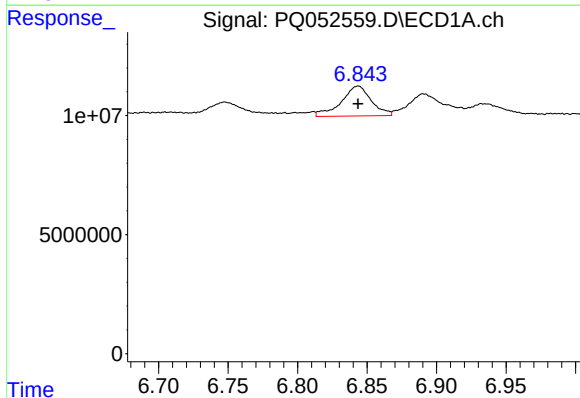
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 15488113
Conc: 32.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



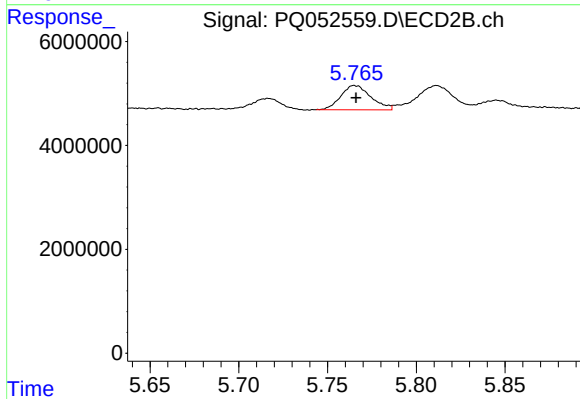
#21 AR-1248-1

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 1580862
Conc: 8.52 ng/ml



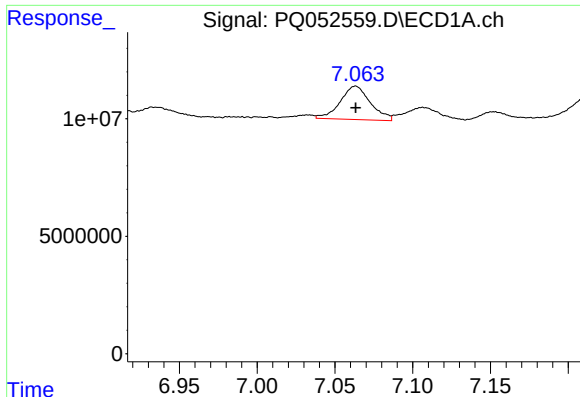
#22 AR-1248-2

R.T.: 6.844 min
Delta R.T.: 0.000 min
Response: 18814256
Conc: 28.15 ng/ml



#22 AR-1248-2

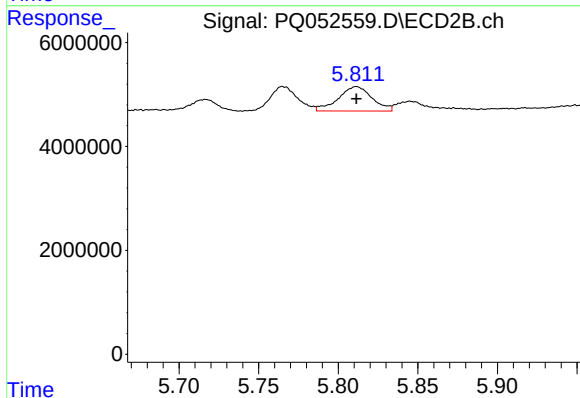
R.T.: 5.765 min
Delta R.T.: -0.001 min
Response: 5529830
Conc: 22.33 ng/ml



#23 AR-1248-3

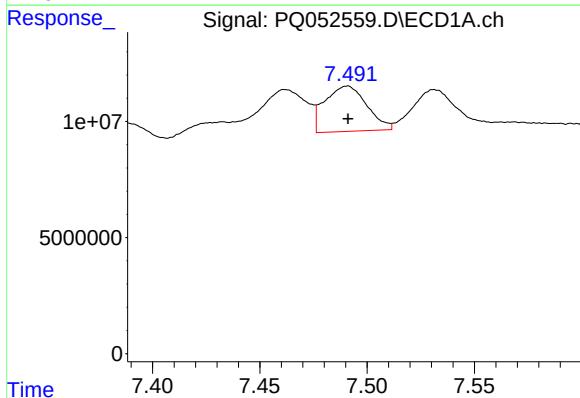
R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 19259341
Conc: 24.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



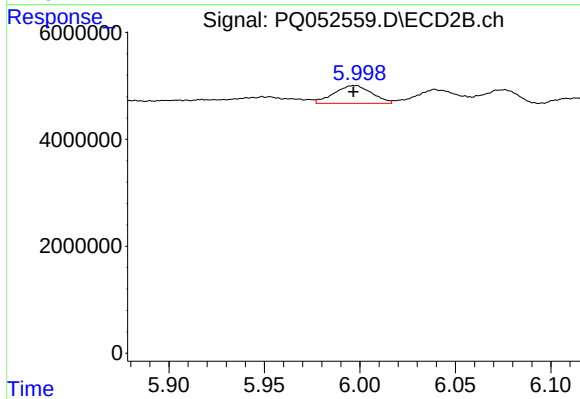
#23 AR-1248-3

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 6941684
Conc: 27.03 ng/ml



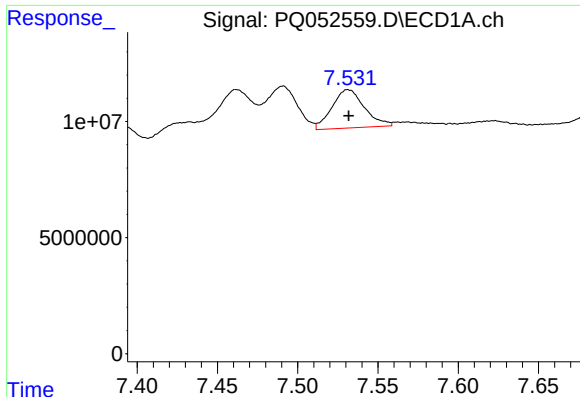
#24 AR-1248-4

R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 26621059
Conc: 28.92 ng/ml



#24 AR-1248-4

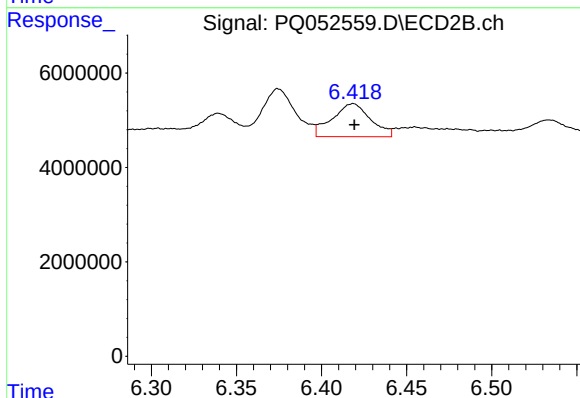
R.T.: 5.998 min
Delta R.T.: 0.002 min
Response: 4560020
Conc: 14.63 ng/ml



#25 AR-1248-5

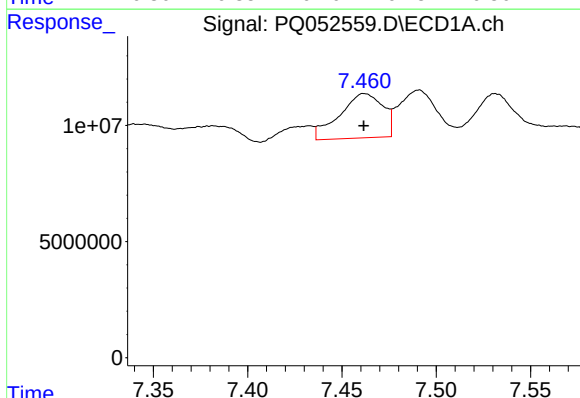
R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 23288726
Conc: 25.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



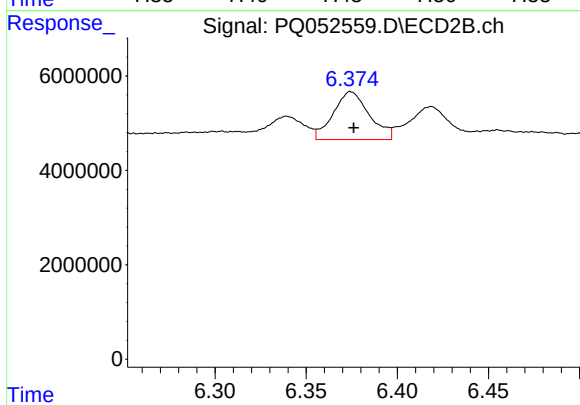
#25 AR-1248-5

R.T.: 6.419 min
Delta R.T.: 0.000 min
Response: 10995690
Conc: 32.66 ng/ml



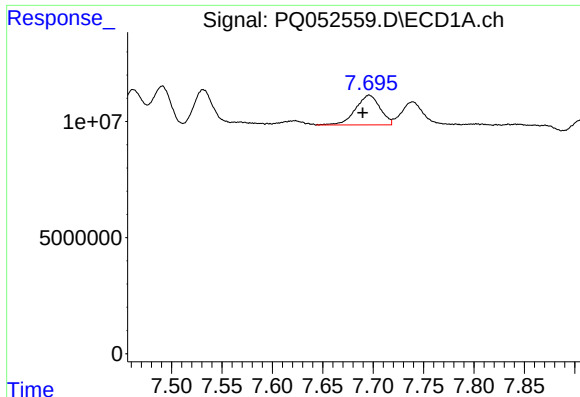
#26 AR-1254-1

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 30517558
Conc: 33.92 ng/ml



#26 AR-1254-1

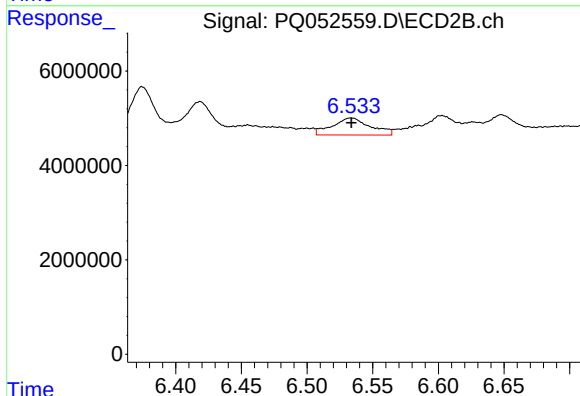
R.T.: 6.374 min
Delta R.T.: -0.002 min
Response: 13965931
Conc: 27.11 ng/ml



#27 AR-1254-2

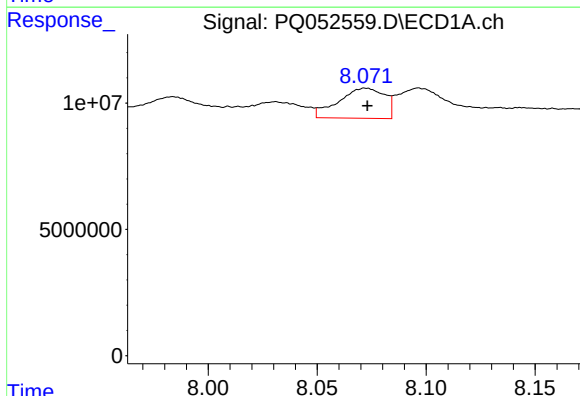
R.T.: 7.696 min
Delta R.T.: 0.006 min
Response: 21655879
Conc: 15.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



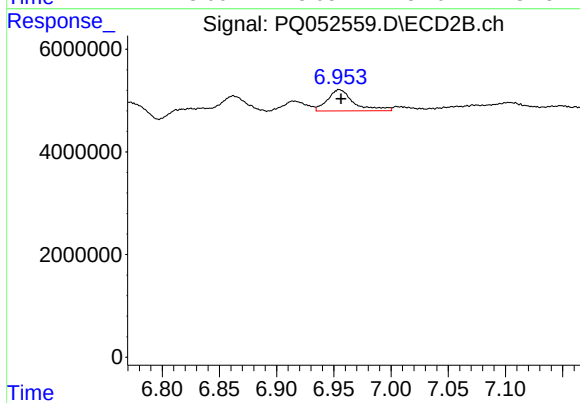
#27 AR-1254-2

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 7285597
Conc: 16.28 ng/ml



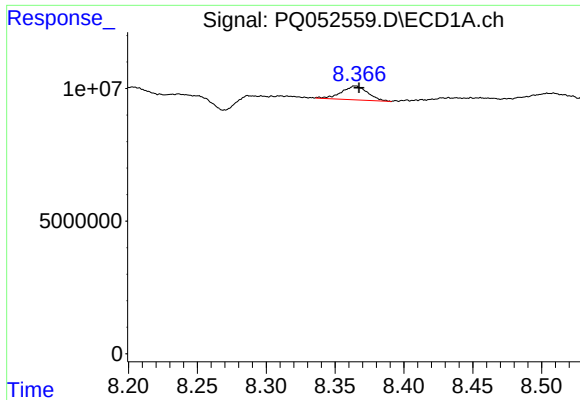
#28 AR-1254-3

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 17592869
Conc: 11.33 ng/ml



#28 AR-1254-3

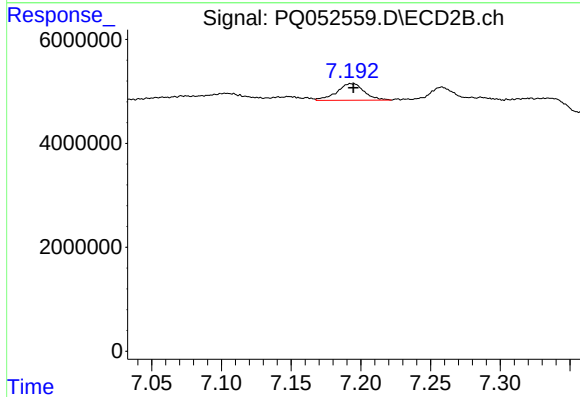
R.T.: 6.955 min
Delta R.T.: -0.002 min
Response: 6619968
Conc: 8.95 ng/ml



#29 AR-1254-4

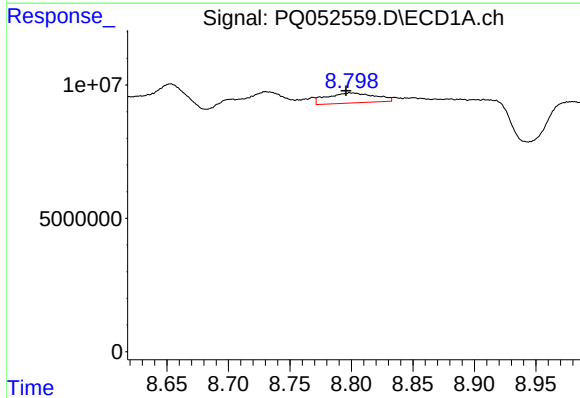
R.T.: 8.365 min
Delta R.T.: -0.002 min
Response: 6864457
Conc: 5.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



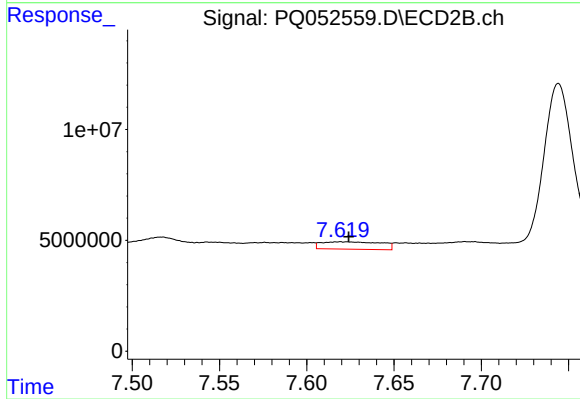
#29 AR-1254-4

R.T.: 7.193 min
Delta R.T.: -0.002 min
Response: 4379115
Conc: 8.77 ng/ml



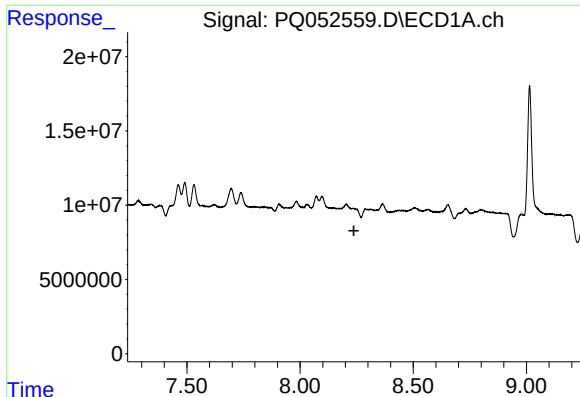
#30 AR-1254-5

R.T.: 8.799 min
Delta R.T.: 0.003 min
Response: 10222259
Conc: 8.41 ng/ml



#30 AR-1254-5

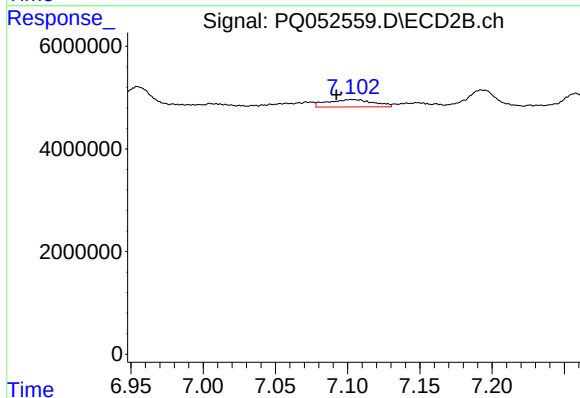
R.T.: 7.619 min
Delta R.T.: -0.005 min
Response: 7983479
Conc: 11.69 ng/ml



#31 AR-1260-1

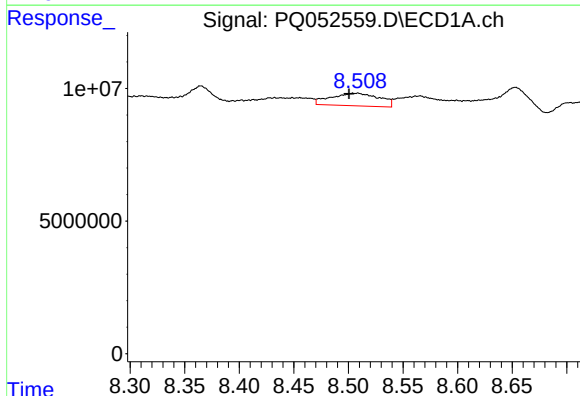
R.T.: 0.000 min
Exp R.T.: 8.238 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



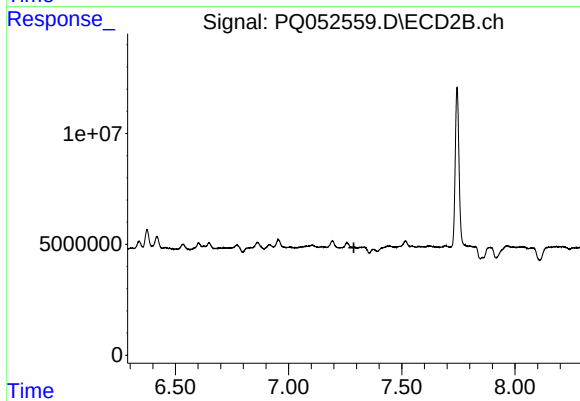
#31 AR-1260-1

R.T.: 7.103 min
Delta R.T.: 0.011 min
Response: 3214528
Conc: 6.90 ng/ml



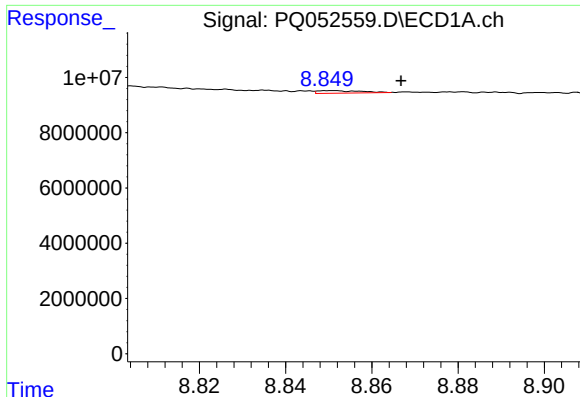
#32 AR-1260-2

R.T.: 8.509 min
Delta R.T.: 0.008 min
Response: 14686197
Conc: 11.59 ng/ml



#32 AR-1260-2

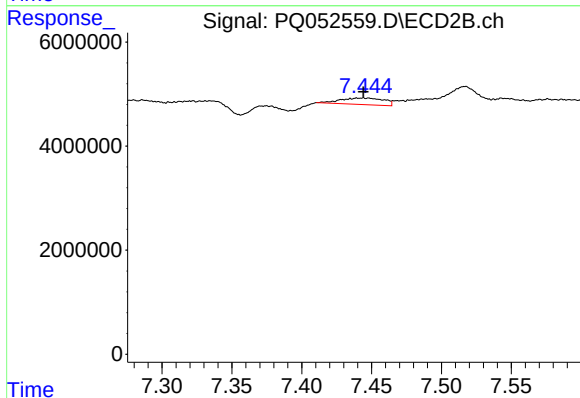
R.T.: 0.000 min
Exp R.T.: 7.289 min
Response: 0
Conc: N.D.



#33 AR-1260-3

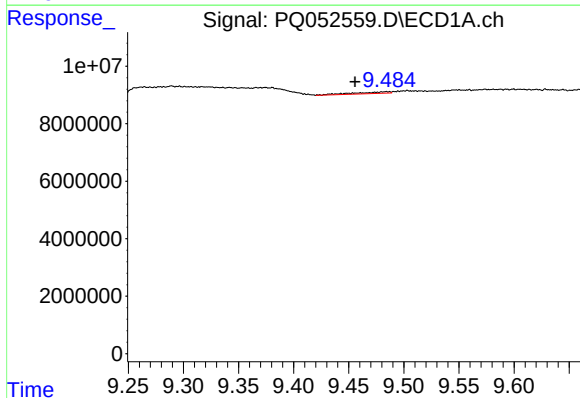
R.T.: 8.851 min
Delta R.T.: -0.015 min
Response: 617040
Conc: 0.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



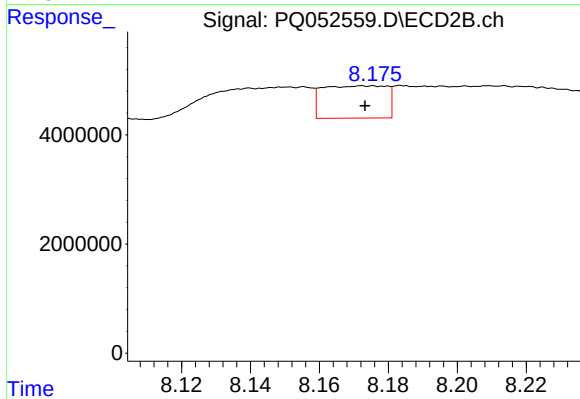
#33 AR-1260-3

R.T.: 7.444 min
Delta R.T.: 0.000 min
Response: 2686583
Conc: 4.87 ng/ml



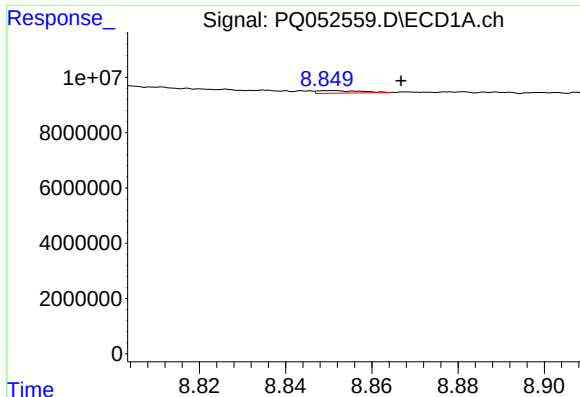
#35 AR-1260-5

R.T.: 9.484 min
Delta R.T.: 0.028 min
Response: 1267485
Conc: 0.53 ng/ml



#35 AR-1260-5

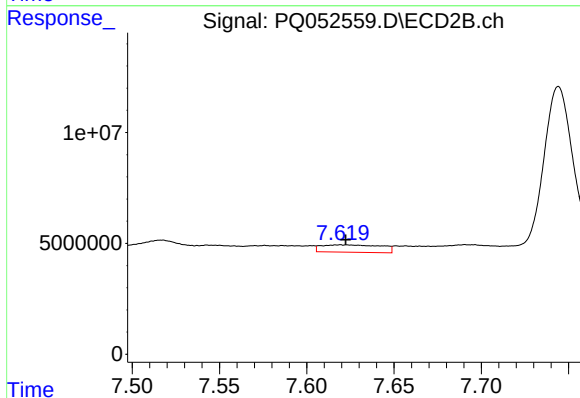
R.T.: 8.172 min
Delta R.T.: 0.000 min
Response: 7604908
Conc: 5.78 ng/ml



#36 AR-1262-1

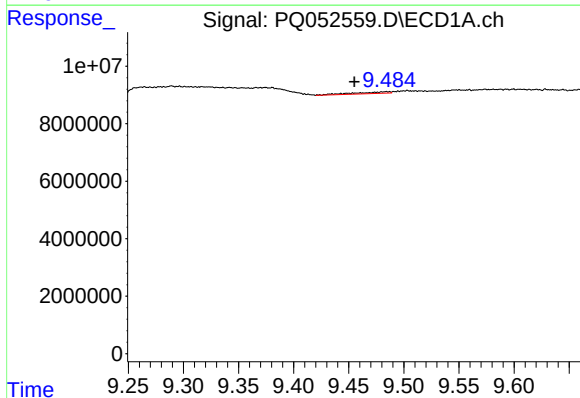
R.T.: 8.851 min
Delta R.T.: -0.016 min
Response: 617040
Conc: 0.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



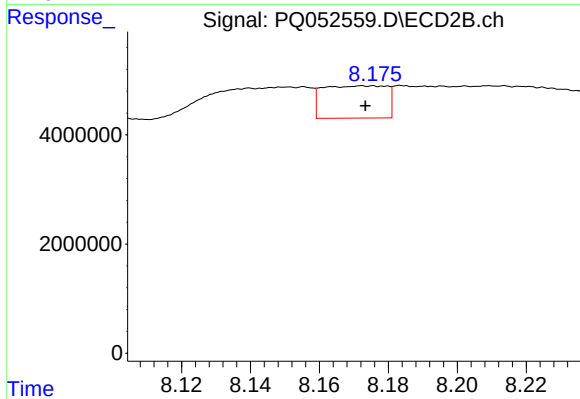
#36 AR-1262-1

R.T.: 7.619 min
Delta R.T.: -0.003 min
Response: 7983479
Conc: 22.23 ng/ml



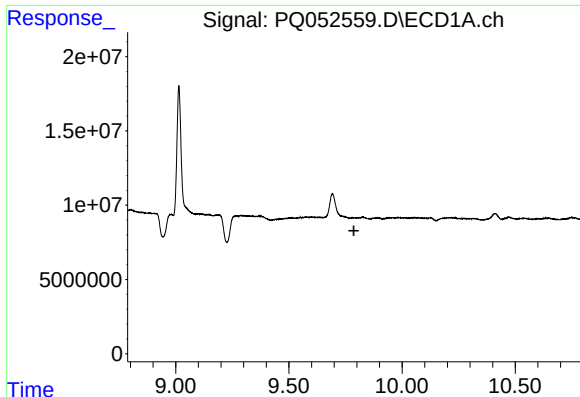
#37 AR-1262-2

R.T.: 9.484 min
Delta R.T.: 0.029 min
Response: 1267485
Conc: 0.46 ng/ml



#37 AR-1262-2

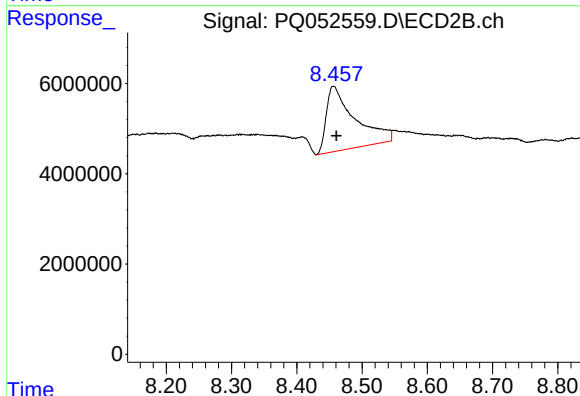
R.T.: 8.172 min
Delta R.T.: -0.001 min
Response: 7604908
Conc: 5.14 ng/ml



#38 AR-1262-3

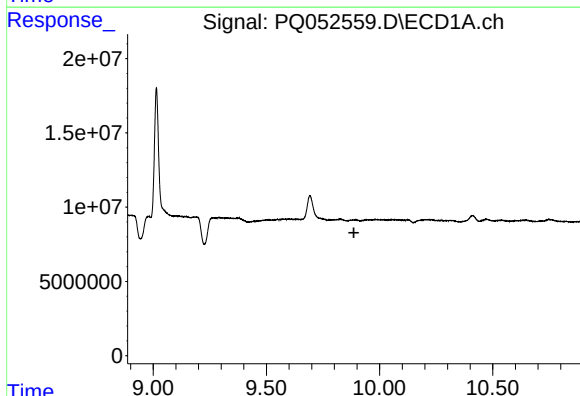
R.T.: 0.000 min
Exp R.T.: 9.787 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



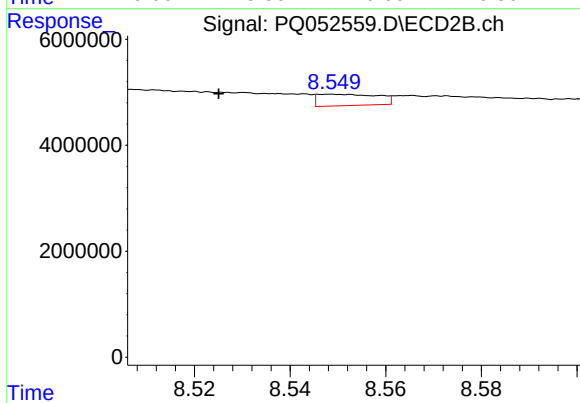
#38 AR-1262-3

R.T.: 8.456 min
Delta R.T.: -0.004 min
Response: 43571350
Conc: 75.45 ng/ml



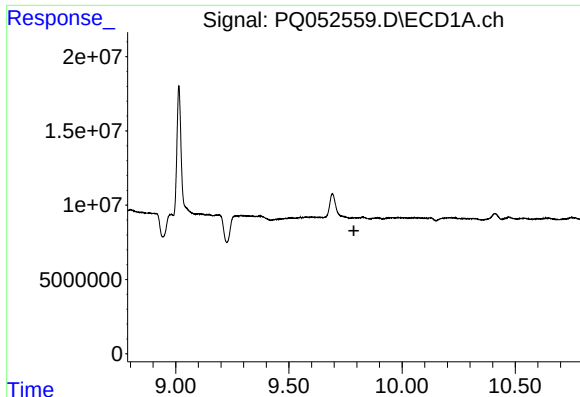
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 9.886 min
Response: 0
Conc: N.D.



#39 AR-1262-4

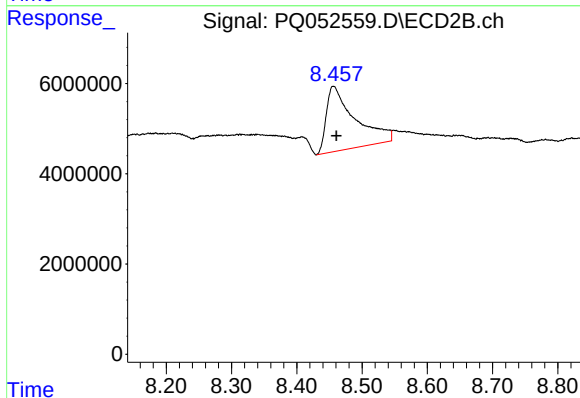
R.T.: 8.549 min
Delta R.T.: 0.024 min
Response: 1878473
Conc: 1.83 ng/ml



#41 AR-1268-1

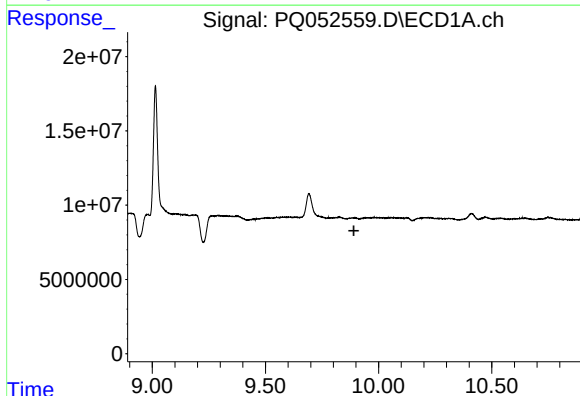
R.T.: 0.000 min
Exp R.T.: 9.787 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



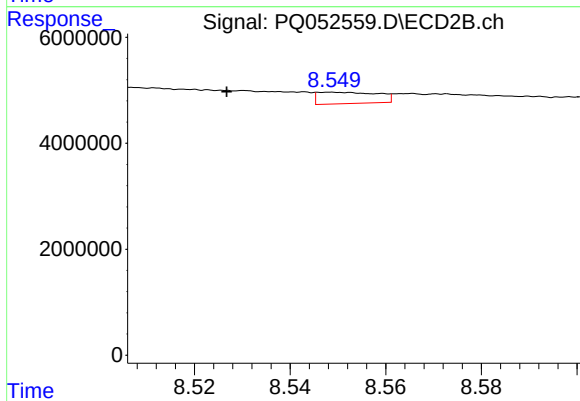
#41 AR-1268-1

R.T.: 8.456 min
Delta R.T.: -0.005 min
Response: 43571350
Conc: 25.48 ng/ml



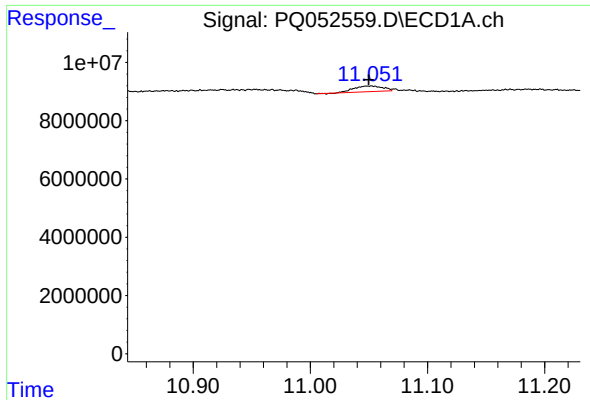
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.891 min
Response: 0
Conc: N.D.



#42 AR-1268-2

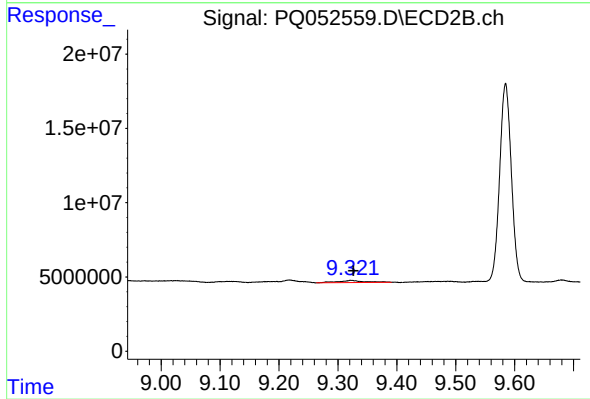
R.T.: 8.549 min
Delta R.T.: 0.022 min
Response: 1878473
Conc: 1.25 ng/ml



#45 AR-1268-5

R.T.: 11.052 min
Delta R.T.: 0.002 min
Response: 3387524
Conc: 0.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.322 min
Delta R.T.: -0.004 min
Response: 4513114
Conc: 1.16 ng/ml