

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062922\
 Data File : PQ058434.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2022 19:43
 Operator : YP\AJ
 Sample : N3214-07
 Misc : AR1242 LOD 25 PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 00:23:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ062922.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 29 16:14:42 2022
 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...	4.685	4.045	208.1E6	173.0E6	16.255	15.966
2)	SA Decachlor...	10.603	9.180	238.1E6	146.5E6	19.785	19.530
Target Compounds							
3)	L1 AR-1016-1	5.869	5.148	5499109	4991022	17.055	14.294
4)	L1 AR-1016-2	5.893	5.169	8662714	7319438	15.384	14.588
5)	L1 AR-1016-3	5.955	5.347	5610430	3703030	15.473	14.681
6)	L1 AR-1016-4	6.057	5.386	4606574	3073835	15.123	15.406
7)	L1 AR-1016-5	6.351	5.606	4234471	4476184	17.450	17.216
8)	L2 AR-1221-1	4.889	4.263	465425	536169	4.134	5.717 #
9)	L2 AR-1221-2	4.998	4.351	5996456	3419079	67.023	49.015 #
10)	L2 AR-1221-3	5.064	4.426	3809289	3221962	13.871	14.346
11)	L3 AR-1232-1	5.064	4.426	3809289	3221962	15.470	15.926
12)	L3 AR-1232-2	5.599	5.169	4175628	7319438	36.182	38.075
13)	L3 AR-1232-3	5.893	5.347	8662714	3703030	39.202	39.417
14)	L3 AR-1232-4	6.057	5.430	4606574	3608008	38.075	42.636
15)	L3 AR-1232-5	6.144	5.606	3607718	4476184	49.951	47.659
16)	L4 AR-1242-1	5.869	5.148	5499109	4991022	25.949	22.018
17)	L4 AR-1242-2	5.893	5.169	8662714	7319438	23.795	22.977
18)	L4 AR-1242-3	5.955	5.347	5610430	3703030	23.626	22.888
19)	L4 AR-1242-4	6.057	5.430	4606574	3608008	23.309	22.647
20)	L4 AR-1242-5	6.794	5.957	4594724	3610467	26.885	19.295 #
21)	L5 AR-1248-1	5.869	5.148	5499109	4991022	39.003	33.585
22)	L5 AR-1248-2	6.144	5.386	3607718	3073835	19.184	15.765
23)	L5 AR-1248-3	6.351	5.430	4234471	3608008	18.691	17.940
24)	L5 AR-1248-4	6.755	5.606	3792379	4476184	15.766	18.341
25)	L5 AR-1248-5	6.794	6.001	4594724	3393387	18.077	15.199
26)	L6 AR-1254-1	6.727	5.957	3053076	3610467	10.449	7.909
27)	L6 AR-1254-2	6.954	6.104	4660769	1238412	10.207	3.078 #
28)	L6 AR-1254-3	7.317	6.511	1523561	1539752	2.939	2.347
29)	L6 AR-1254-4	7.606	6.741	1395053	764059	3.704	1.922 #
30)	L6 AR-1254-5	8.020	7.164	972100	192762	2.191	0.342 #
31)	L7 AR-1260-1	7.475	6.651	310124	438389	0.770	0.932
32)	L7 AR-1260-2	7.711f	6.823	1896247	1179283	3.926	2.092 #
33)	L7 AR-1260-3	8.020	6.992	972100	641493	1.512	1.231
34)	L7 AR-1260-4	8.325	7.462	1099798	196180	2.498	0.510 #
35)	L7 AR-1260-5	0.000	7.701	0	108003	N.D.	0.116 #
36)	L8 AR-1262-1	8.112f	7.164	272243	192762	0.525	0.684 #
37)	L8 AR-1262-2	0.000	7.701	0	108003	N.D.	0.104 #
38)	L8 AR-1262-3	8.984	7.977	144441	362178	0.264	0.934 #
39)	L8 AR-1262-4	0.000	8.047	0	260246	N.D.	0.354 #
40)	L8 AR-1262-5	0.000	8.587	0	252044	N.D.	0.775 #
41)	L9 AR-1268-1	8.984f	7.977	144441	362178	0.110	0.337 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062922\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2022 19:43
 Operator : YP\AJ
 Sample : N3214-07
 Misc : AR1242 LOD 25 PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 00:23:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ062922.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 29 16:14:42 2022
 Response via : Initial Calibration
 Integrator: ChemStation

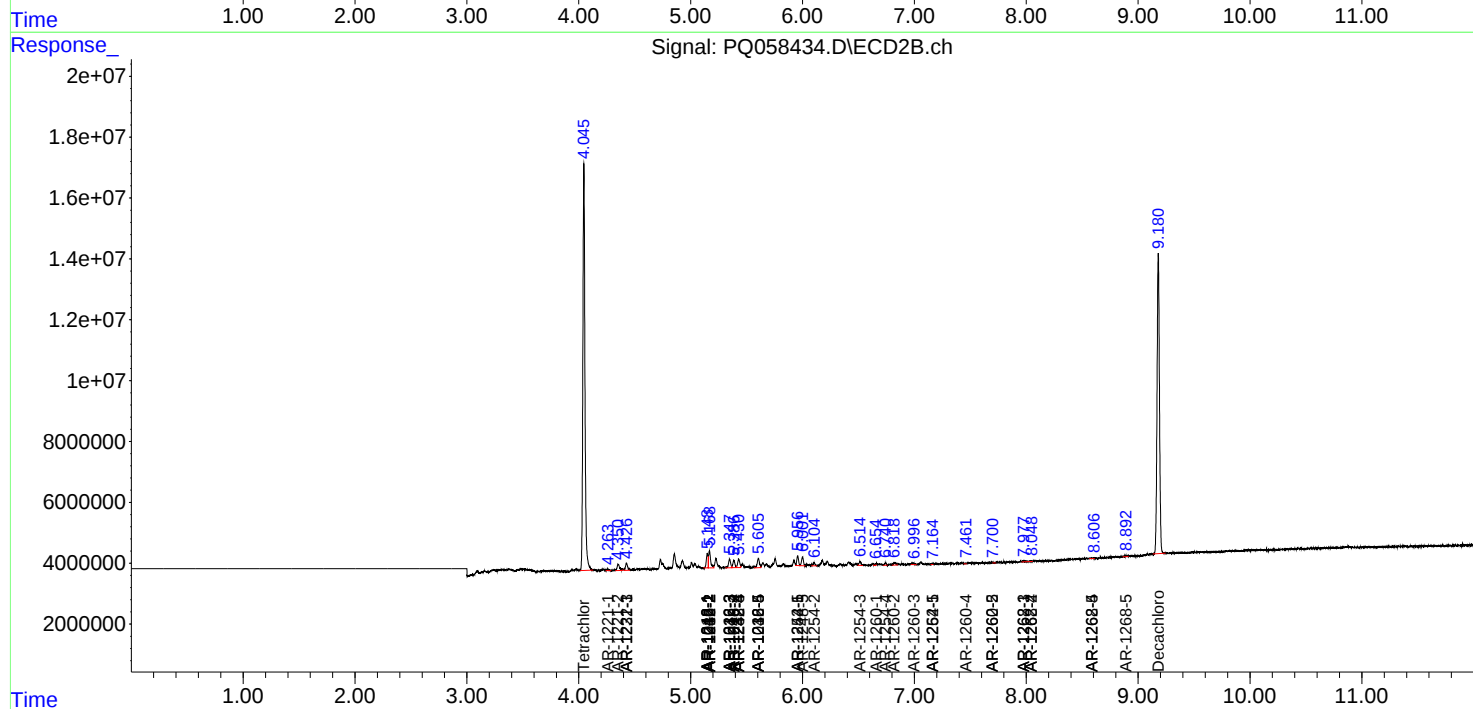
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

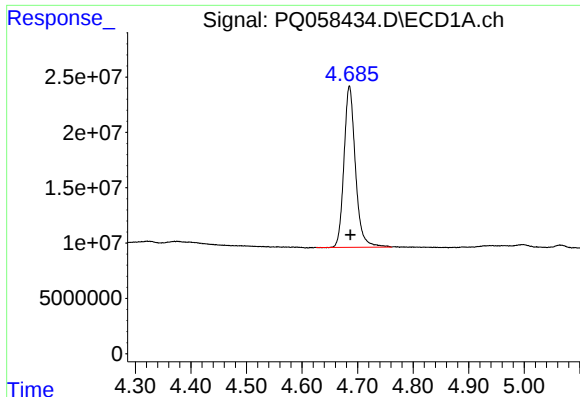
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	8.047	0	260246	N.D.	0.265 #
43) L9	AR-1268-3	9.344	8.262	2016201	-53710	1.619	N.D. #
44) L9	AR-1268-4	0.000	8.587	0	252044	N.D.	0.766 #
45) L9	AR-1268-5	10.248	8.892	1957927	464138	0.497	0.173 #

(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

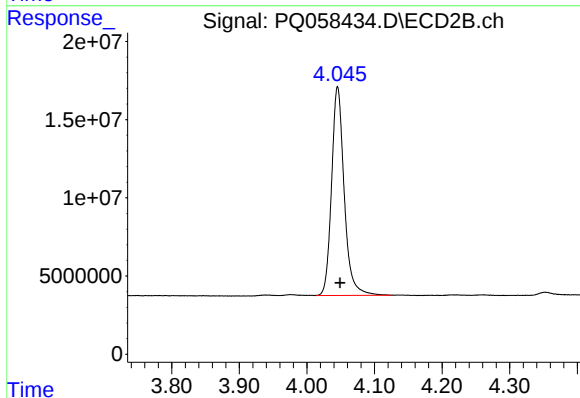




#1 Tetrachloro-m-xylene

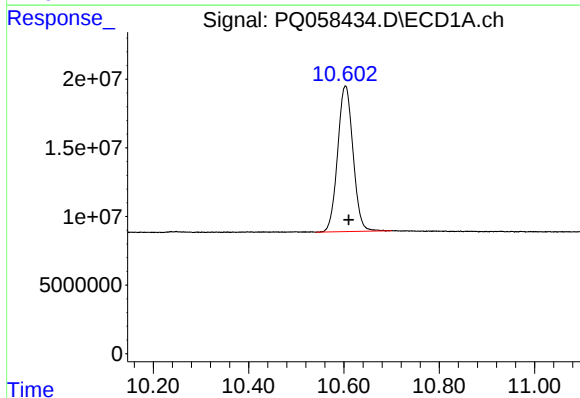
R.T.: 4.685 min
Delta R.T.: -0.002 min
Response: 208087414
Conc: 16.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



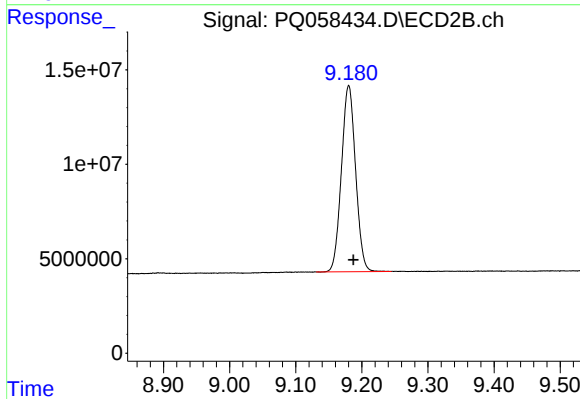
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: -0.003 min
Response: 173038357
Conc: 15.97 ng/ml



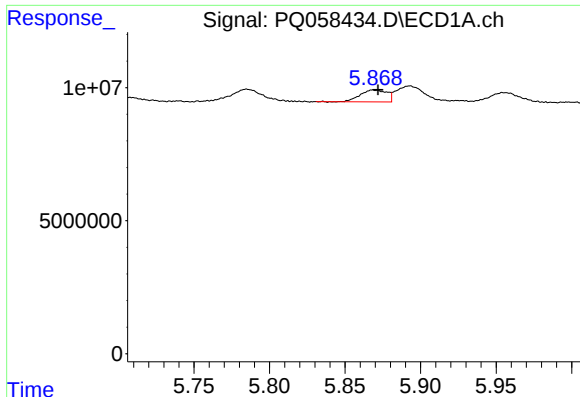
#2 Decachlorobiphenyl

R.T.: 10.603 min
Delta R.T.: -0.007 min
Response: 238055092
Conc: 19.78 ng/ml



#2 Decachlorobiphenyl

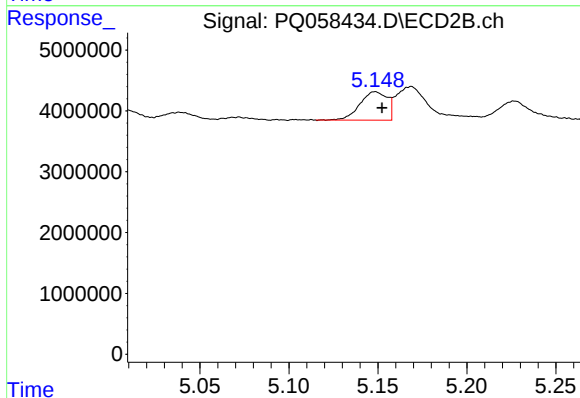
R.T.: 9.180 min
Delta R.T.: -0.007 min
Response: 146454298
Conc: 19.53 ng/ml



#3 AR-1016-1

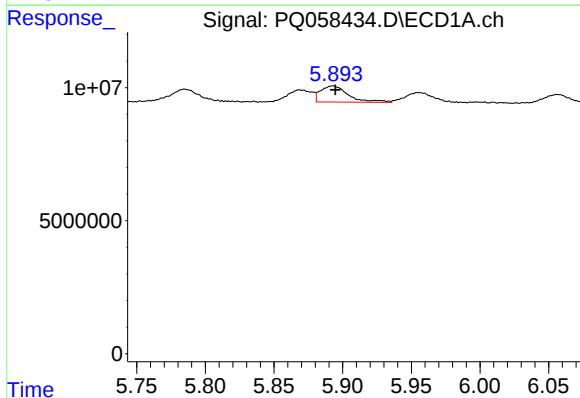
R.T.: 5.869 min
Delta R.T.: -0.003 min
Response: 5499109
Conc: 17.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



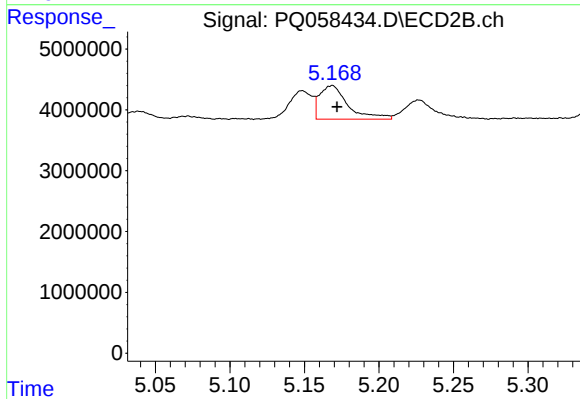
#3 AR-1016-1

R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 4991022
Conc: 14.29 ng/ml



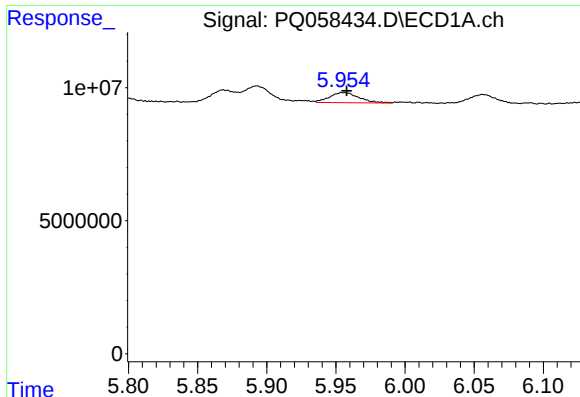
#4 AR-1016-2

R.T.: 5.893 min
Delta R.T.: -0.002 min
Response: 8662714
Conc: 15.38 ng/ml



#4 AR-1016-2

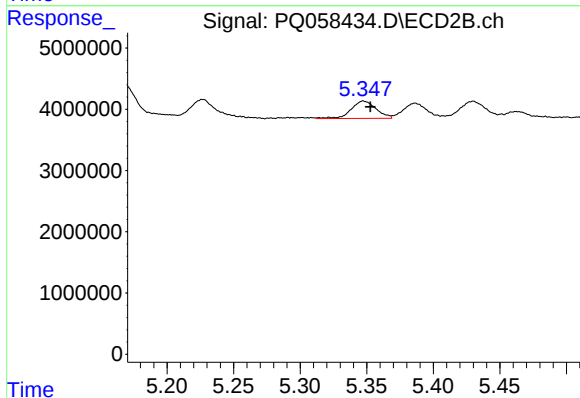
R.T.: 5.169 min
Delta R.T.: -0.003 min
Response: 7319438
Conc: 14.59 ng/ml



#5 AR-1016-3

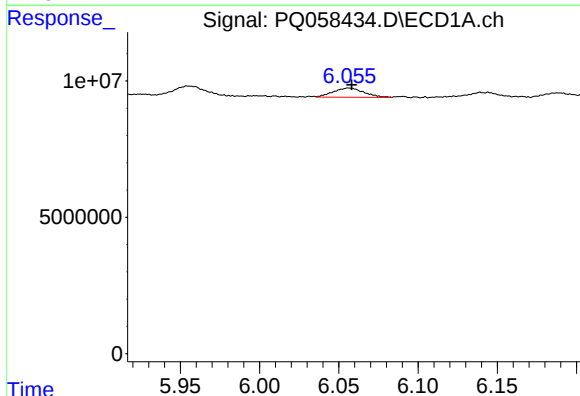
R.T.: 5.955 min
Delta R.T.: -0.002 min
Response: 5610430
Conc: 15.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



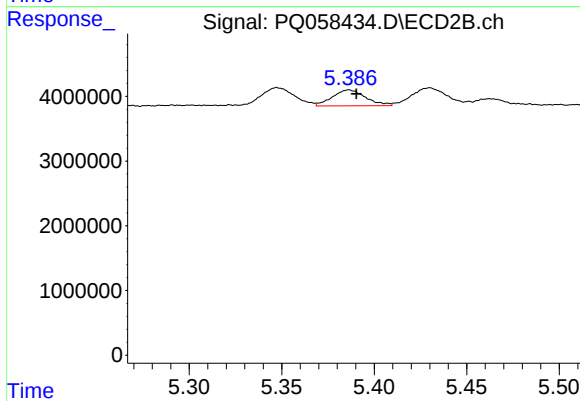
#5 AR-1016-3

R.T.: 5.347 min
Delta R.T.: -0.005 min
Response: 3703030
Conc: 14.68 ng/ml



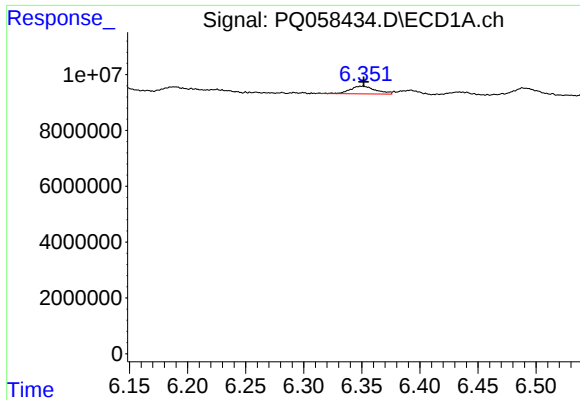
#6 AR-1016-4

R.T.: 6.057 min
Delta R.T.: -0.002 min
Response: 4606574
Conc: 15.12 ng/ml



#6 AR-1016-4

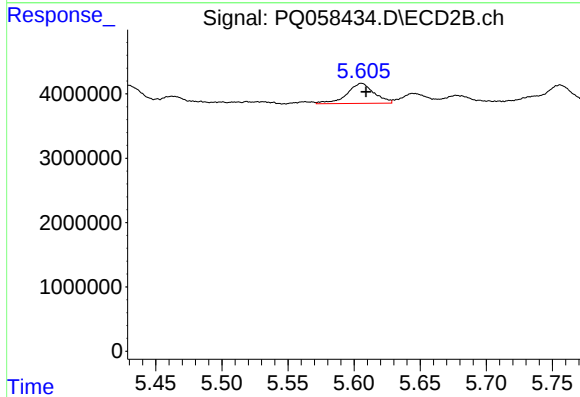
R.T.: 5.386 min
Delta R.T.: -0.004 min
Response: 3073835
Conc: 15.41 ng/ml



#7 AR-1016-5

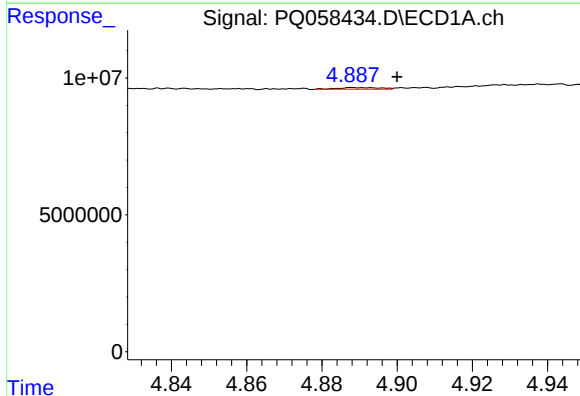
R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 4234471
Conc: 17.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



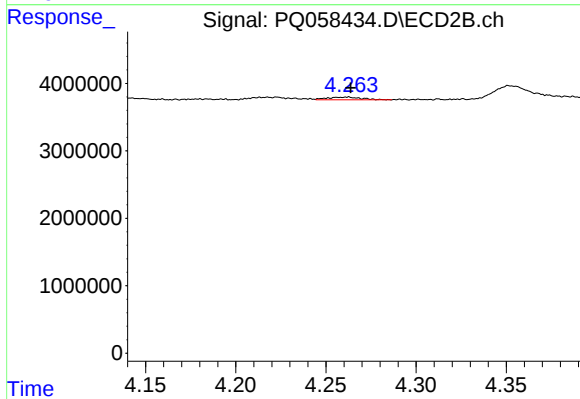
#7 AR-1016-5

R.T.: 5.606 min
Delta R.T.: -0.004 min
Response: 4476184
Conc: 17.22 ng/ml



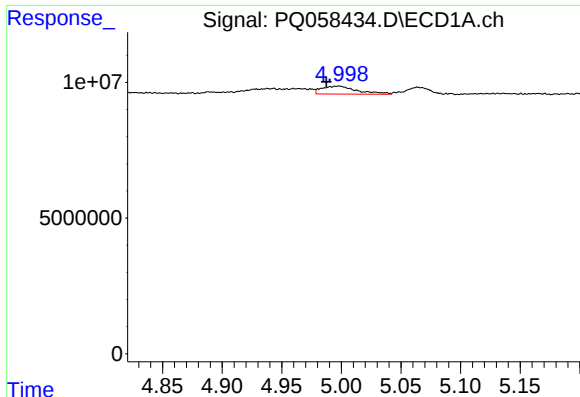
#8 AR-1221-1

R.T.: 4.889 min
Delta R.T.: -0.011 min
Response: 465425
Conc: 4.13 ng/ml



#8 AR-1221-1

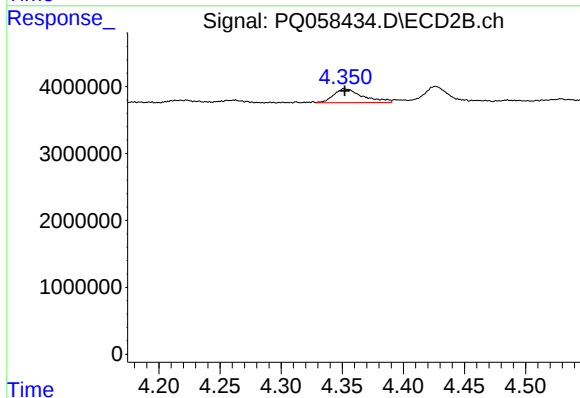
R.T.: 4.263 min
Delta R.T.: -0.001 min
Response: 536169
Conc: 5.72 ng/ml



#9 AR-1221-2

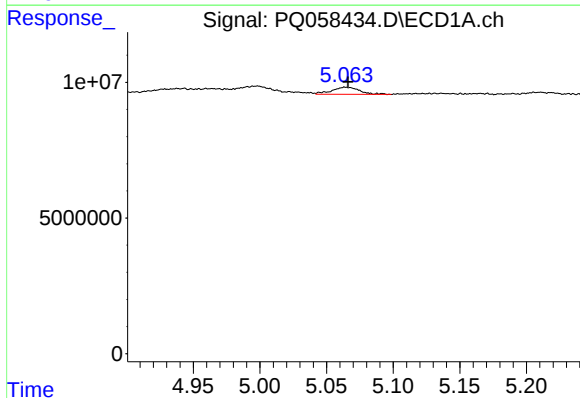
R.T.: 4.998 min
Delta R.T.: 0.010 min
Response: 5996456
Conc: 67.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



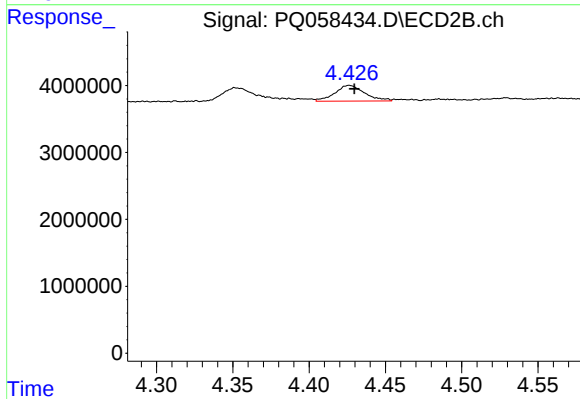
#9 AR-1221-2

R.T.: 4.351 min
Delta R.T.: 0.000 min
Response: 3419079
Conc: 49.01 ng/ml



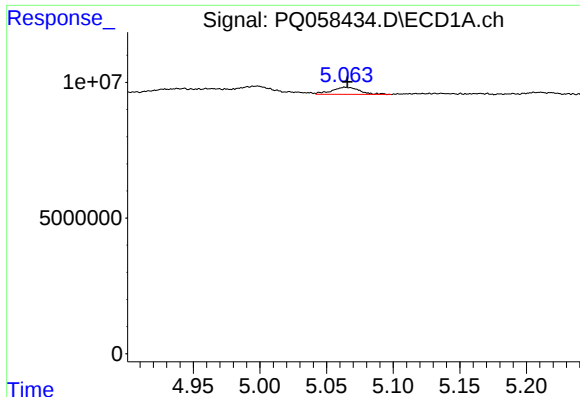
#10 AR-1221-3

R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 3809289
Conc: 13.87 ng/ml



#10 AR-1221-3

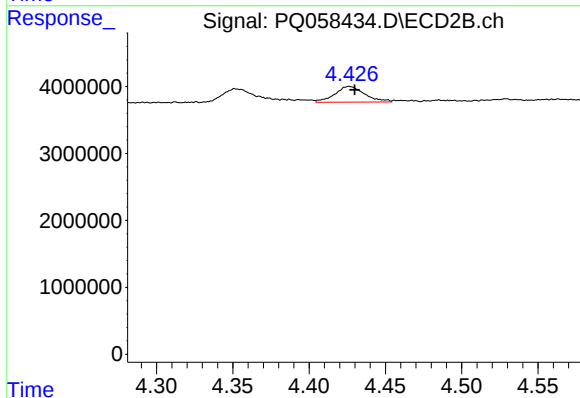
R.T.: 4.426 min
Delta R.T.: -0.003 min
Response: 3221962
Conc: 14.35 ng/ml



#11 AR-1232-1

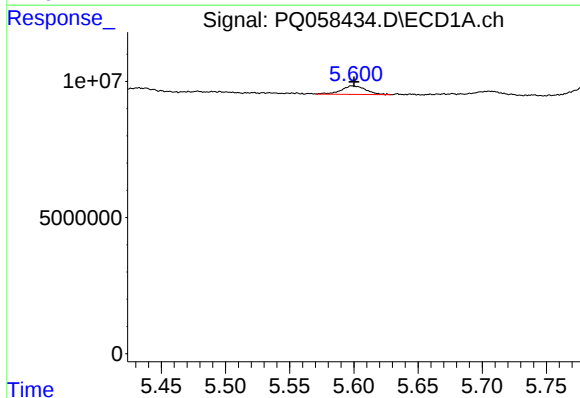
R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 3809289
Conc: 15.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



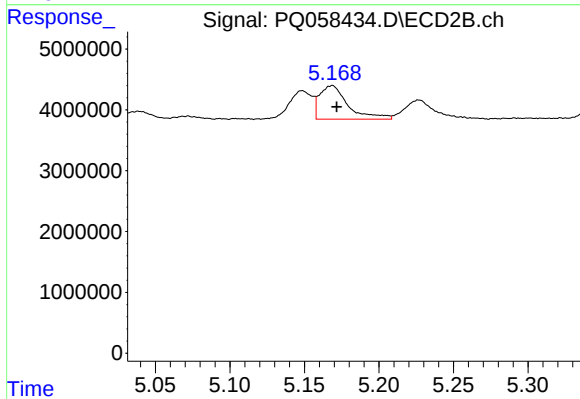
#11 AR-1232-1

R.T.: 4.426 min
Delta R.T.: -0.004 min
Response: 3221962
Conc: 15.93 ng/ml



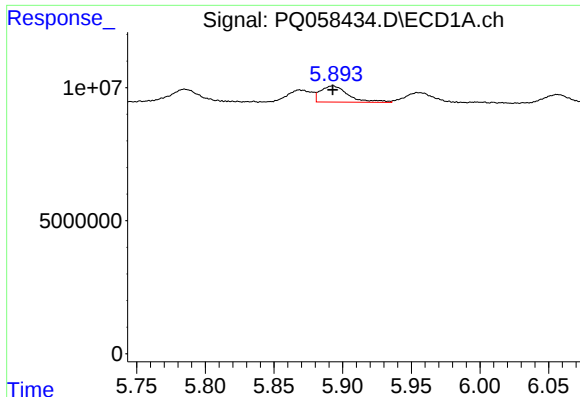
#12 AR-1232-2

R.T.: 5.599 min
Delta R.T.: -0.001 min
Response: 4175628
Conc: 36.18 ng/ml



#12 AR-1232-2

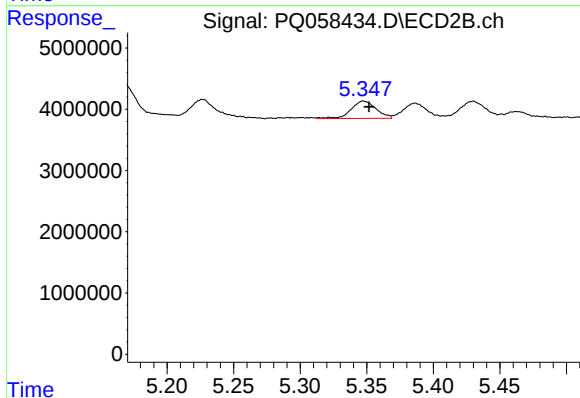
R.T.: 5.169 min
Delta R.T.: -0.003 min
Response: 7319438
Conc: 38.07 ng/ml



#13 AR-1232-3

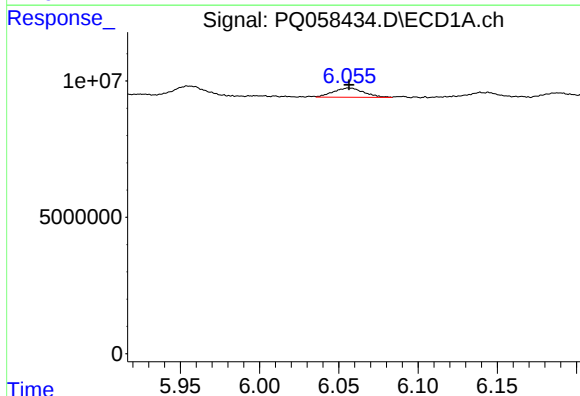
R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 8662714
Conc: 39.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



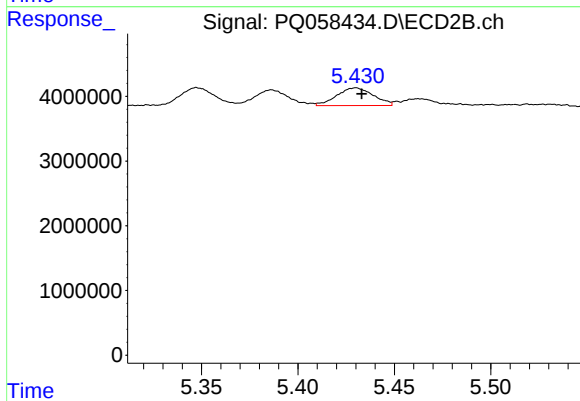
#13 AR-1232-3

R.T.: 5.347 min
Delta R.T.: -0.004 min
Response: 3703030
Conc: 39.42 ng/ml



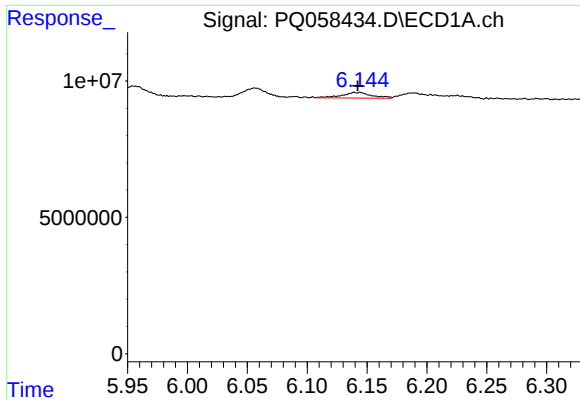
#14 AR-1232-4

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 4606574
Conc: 38.07 ng/ml



#14 AR-1232-4

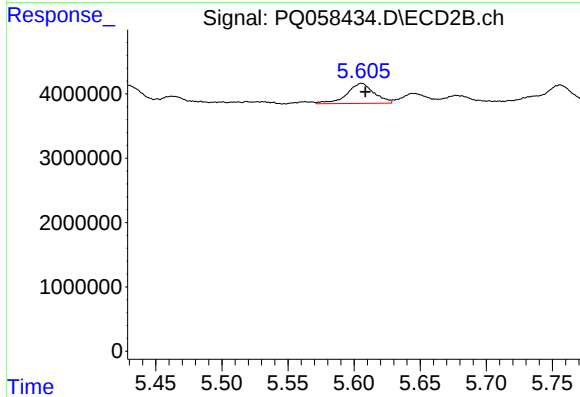
R.T.: 5.430 min
Delta R.T.: -0.003 min
Response: 3608008
Conc: 42.64 ng/ml



#15 AR-1232-5

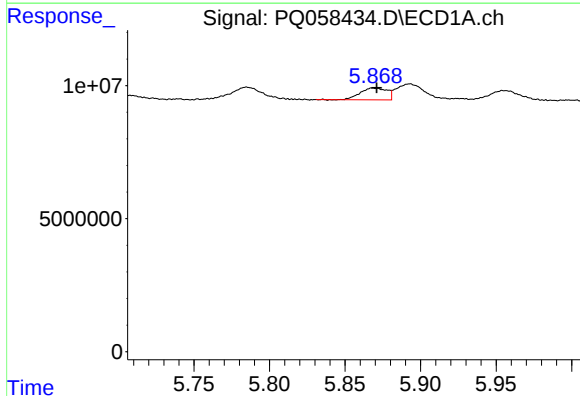
R.T.: 6.144 min
Delta R.T.: 0.002 min
Response: 3607718
Conc: 49.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



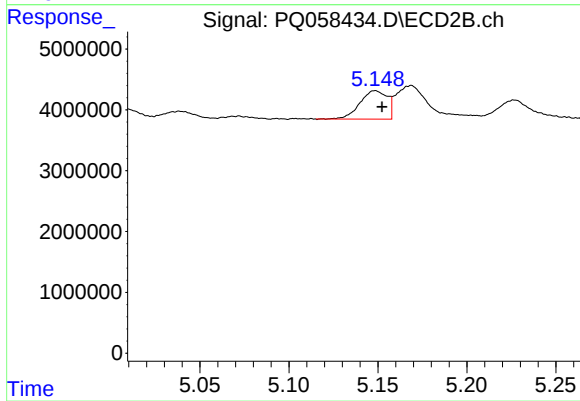
#15 AR-1232-5

R.T.: 5.606 min
Delta R.T.: -0.003 min
Response: 4476184
Conc: 47.66 ng/ml



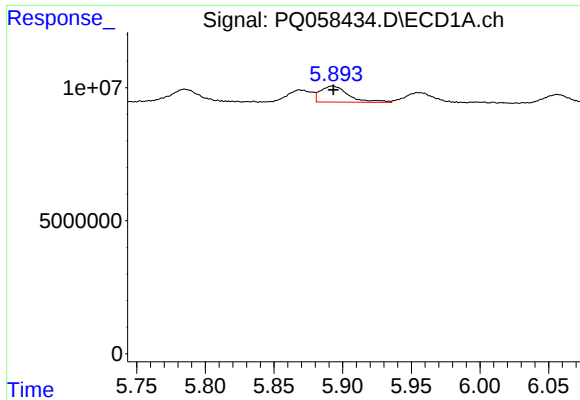
#16 AR-1242-1

R.T.: 5.869 min
Delta R.T.: -0.002 min
Response: 5499109
Conc: 25.95 ng/ml



#16 AR-1242-1

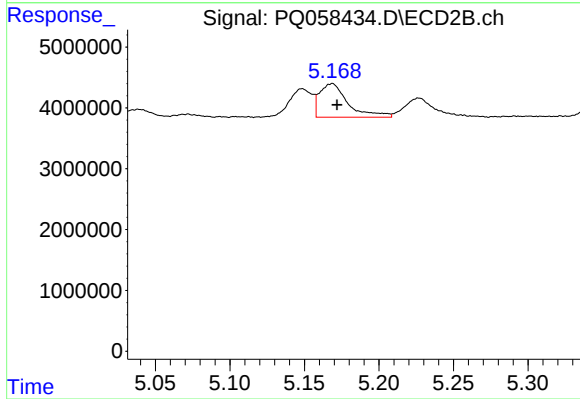
R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 4991022
Conc: 22.02 ng/ml



#17 AR-1242-2

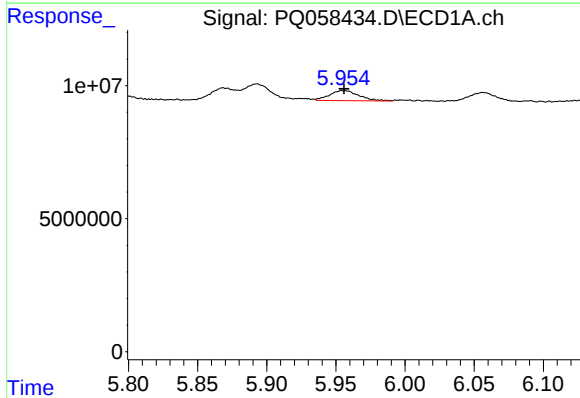
R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 8662714
Conc: 23.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



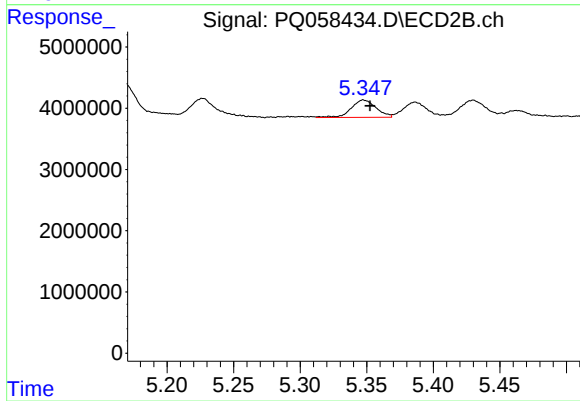
#17 AR-1242-2

R.T.: 5.169 min
Delta R.T.: -0.003 min
Response: 7319438
Conc: 22.98 ng/ml



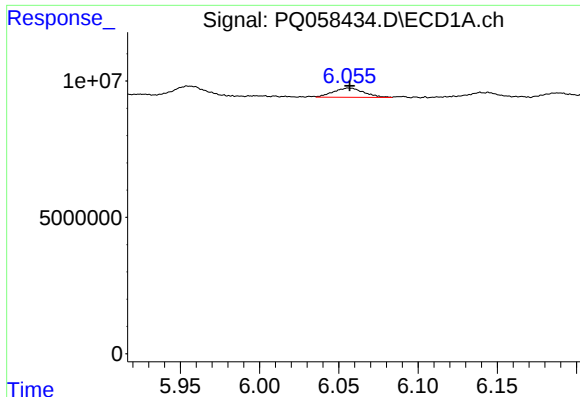
#18 AR-1242-3

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 5610430
Conc: 23.63 ng/ml



#18 AR-1242-3

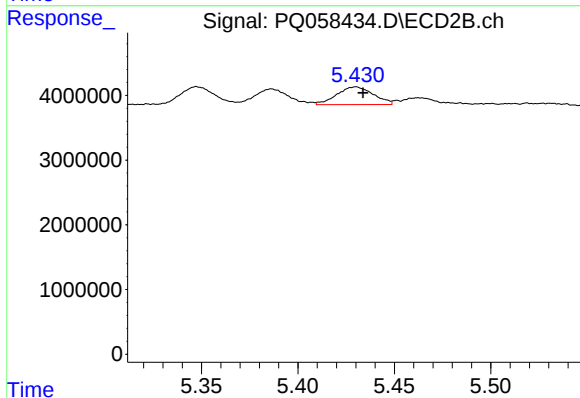
R.T.: 5.347 min
Delta R.T.: -0.005 min
Response: 3703030
Conc: 22.89 ng/ml



#19 AR-1242-4

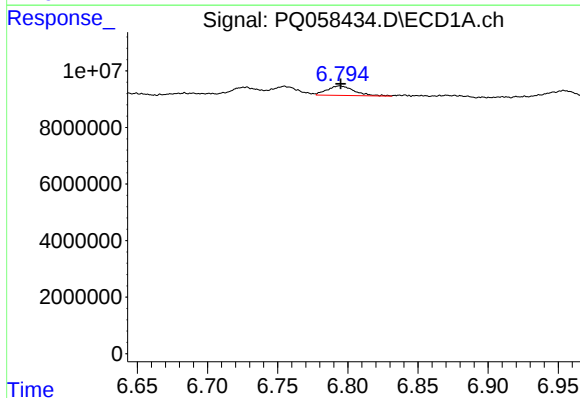
R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 4606574
Conc: 23.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



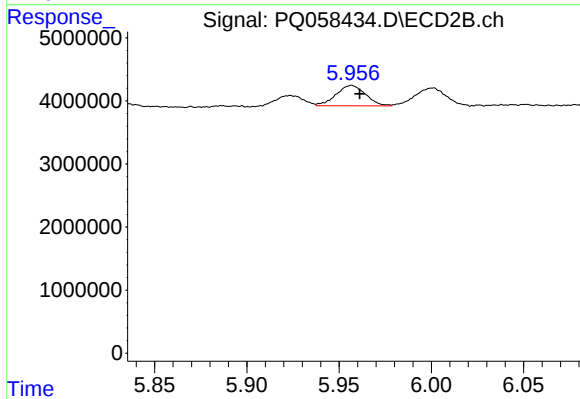
#19 AR-1242-4

R.T.: 5.430 min
Delta R.T.: -0.004 min
Response: 3608008
Conc: 22.65 ng/ml



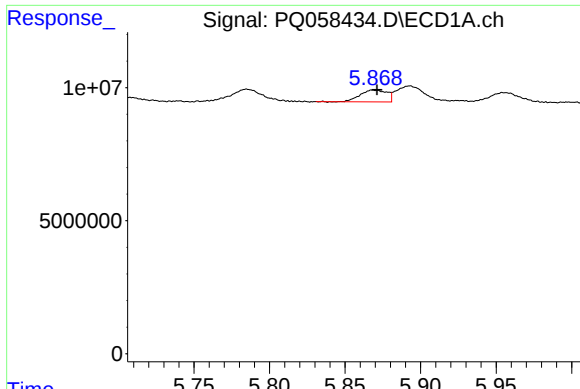
#20 AR-1242-5

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 4594724
Conc: 26.89 ng/ml



#20 AR-1242-5

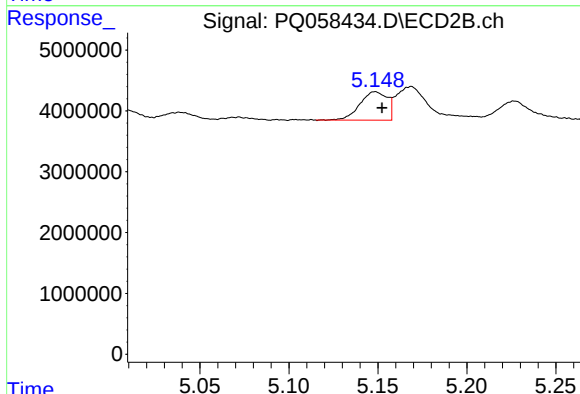
R.T.: 5.957 min
Delta R.T.: -0.004 min
Response: 3610467
Conc: 19.29 ng/ml



#21 AR-1248-1

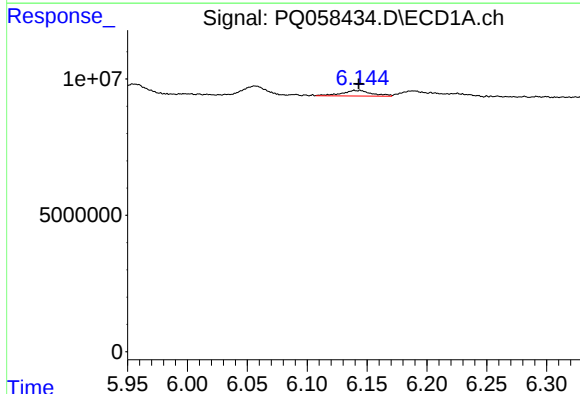
R.T.: 5.869 min
Delta R.T.: -0.002 min
Response: 5499109
Conc: 39.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



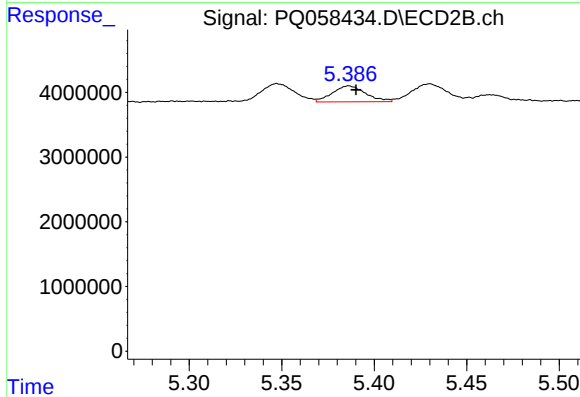
#21 AR-1248-1

R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 4991022
Conc: 33.59 ng/ml



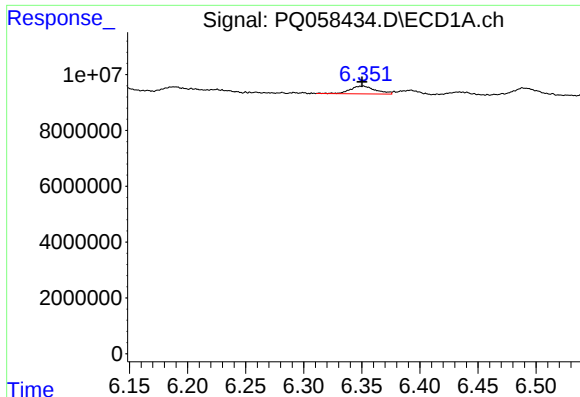
#22 AR-1248-2

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 3607718
Conc: 19.18 ng/ml



#22 AR-1248-2

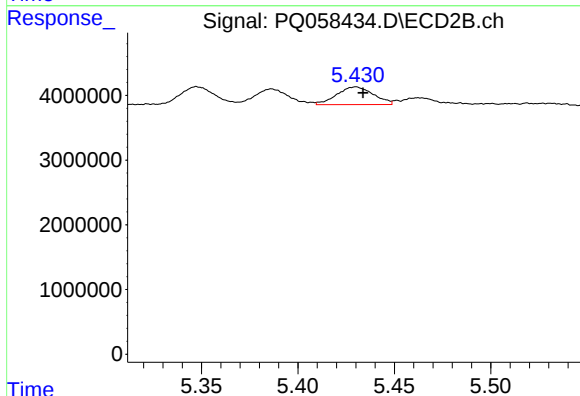
R.T.: 5.386 min
Delta R.T.: -0.004 min
Response: 3073835
Conc: 15.77 ng/ml



#23 AR-1248-3

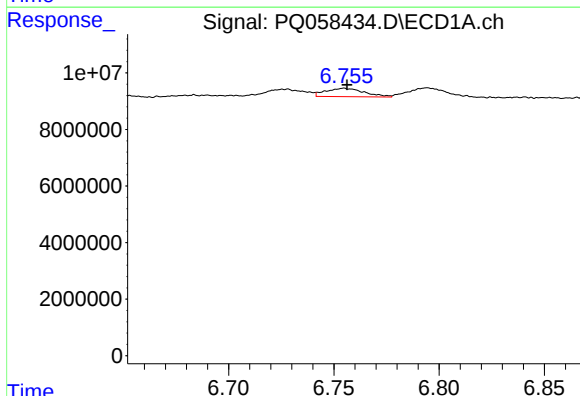
R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 4234471
Conc: 18.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



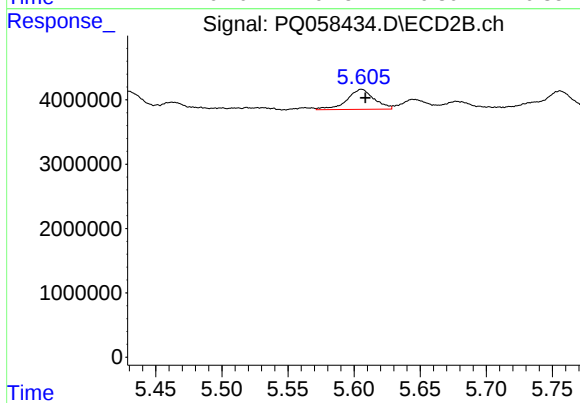
#23 AR-1248-3

R.T.: 5.430 min
Delta R.T.: -0.004 min
Response: 3608008
Conc: 17.94 ng/ml



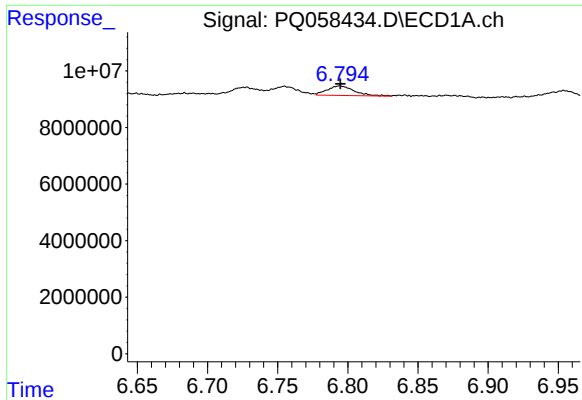
#24 AR-1248-4

R.T.: 6.755 min
Delta R.T.: -0.001 min
Response: 3792379
Conc: 15.77 ng/ml



#24 AR-1248-4

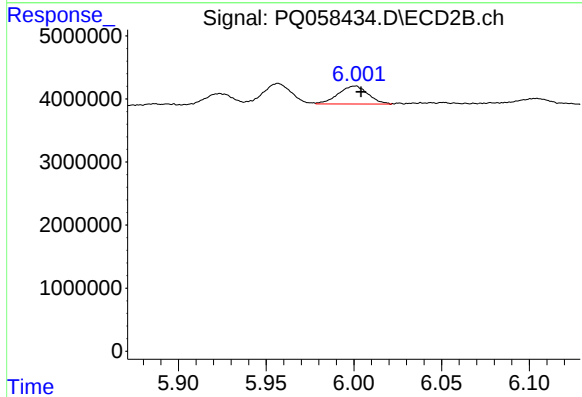
R.T.: 5.606 min
Delta R.T.: -0.003 min
Response: 4476184
Conc: 18.34 ng/ml



#25 AR-1248-5

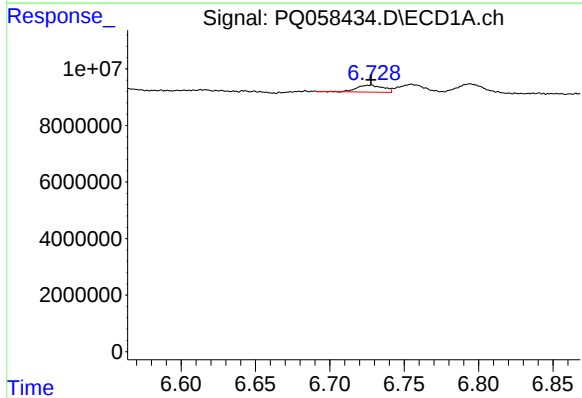
R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 4594724
Conc: 18.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



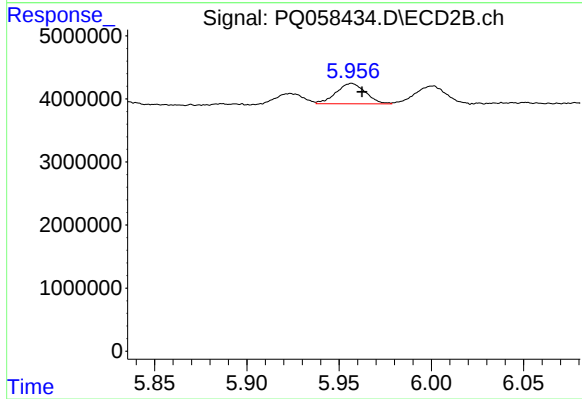
#25 AR-1248-5

R.T.: 6.001 min
Delta R.T.: -0.003 min
Response: 3393387
Conc: 15.20 ng/ml



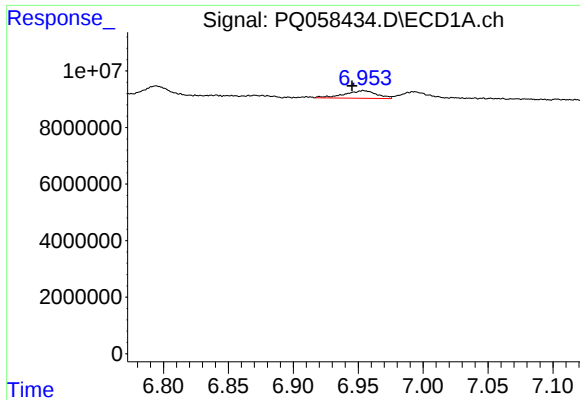
#26 AR-1254-1

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 3053076
Conc: 10.45 ng/ml



#26 AR-1254-1

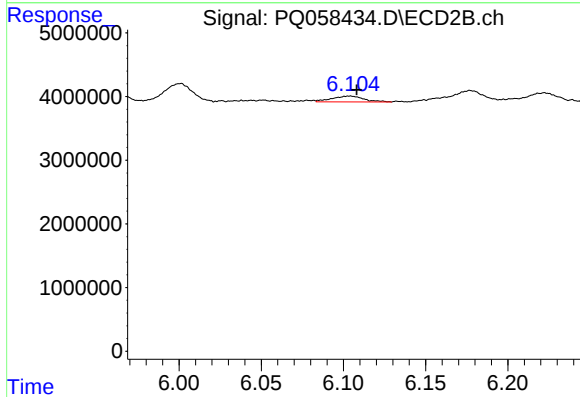
R.T.: 5.957 min
Delta R.T.: -0.006 min
Response: 3610467
Conc: 7.91 ng/ml



#27 AR-1254-2

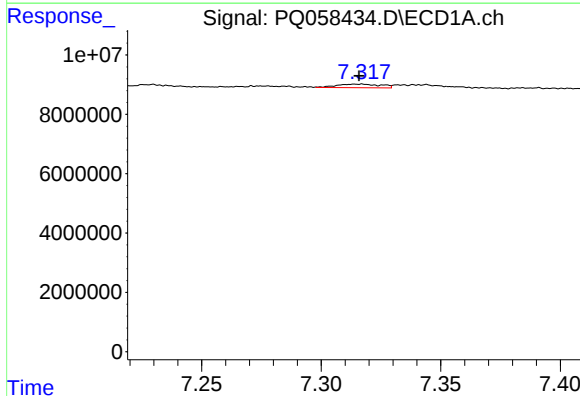
R.T.: 6.954 min
Delta R.T.: 0.009 min
Response: 4660769
Conc: 10.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



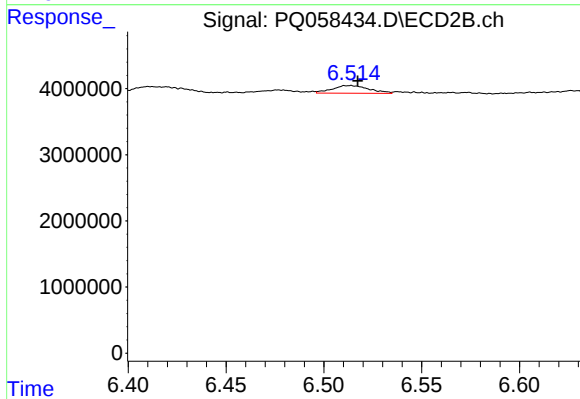
#27 AR-1254-2

R.T.: 6.104 min
Delta R.T.: -0.004 min
Response: 1238412
Conc: 3.08 ng/ml



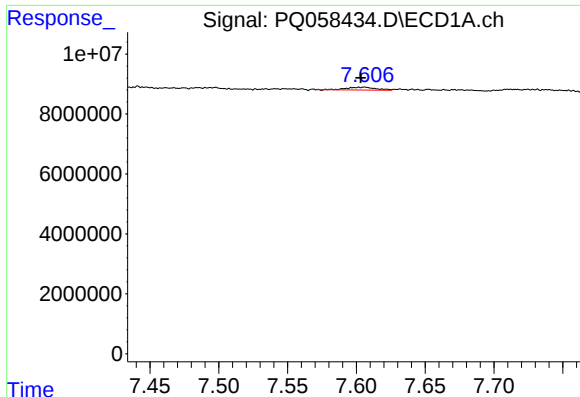
#28 AR-1254-3

R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 1523561
Conc: 2.94 ng/ml



#28 AR-1254-3

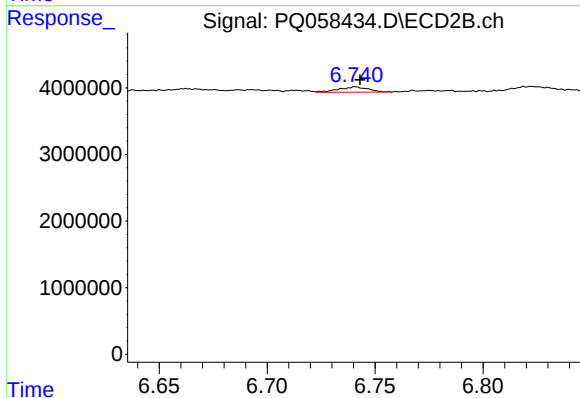
R.T.: 6.511 min
Delta R.T.: -0.007 min
Response: 1539752
Conc: 2.35 ng/ml



#29 AR-1254-4

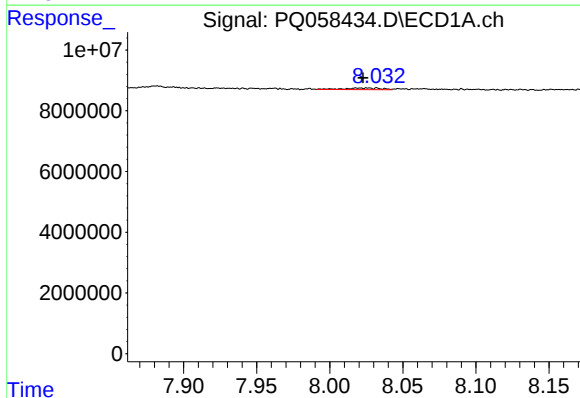
R.T.: 7.606 min
Delta R.T.: 0.003 min
Response: 1395053
Conc: 3.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



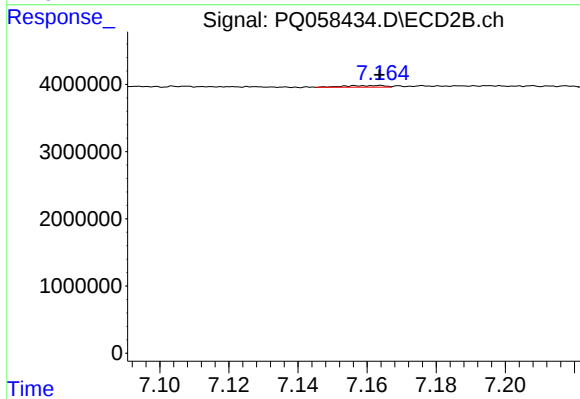
#29 AR-1254-4

R.T.: 6.741 min
Delta R.T.: -0.002 min
Response: 764059
Conc: 1.92 ng/ml



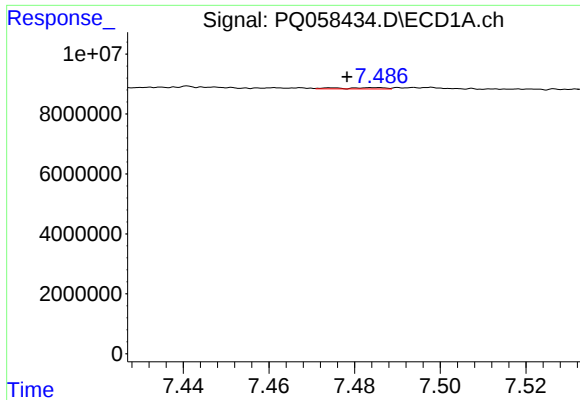
#30 AR-1254-5

R.T.: 8.020 min
Delta R.T.: -0.003 min
Response: 972100
Conc: 2.19 ng/ml



#30 AR-1254-5

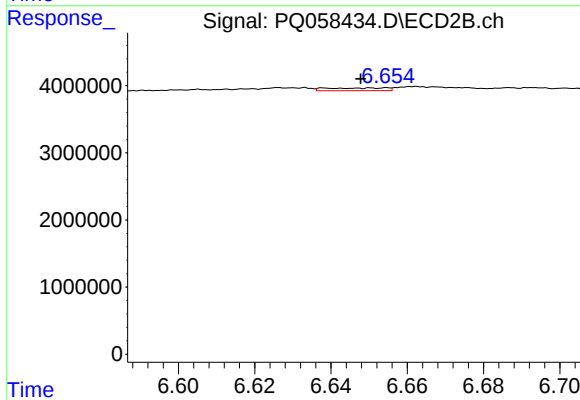
R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 192762
Conc: 0.34 ng/ml



#31 AR-1260-1

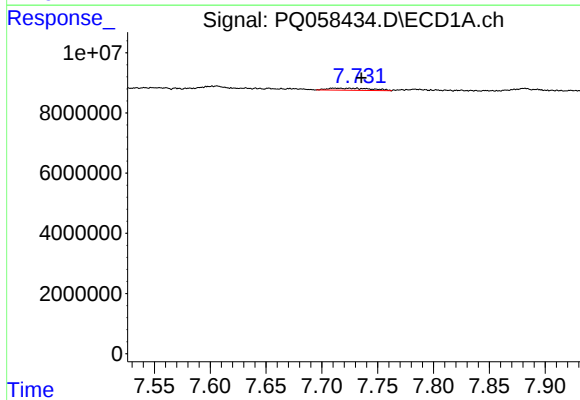
R.T.: 7.475 min
Delta R.T.: -0.004 min
Response: 310124
Conc: 0.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



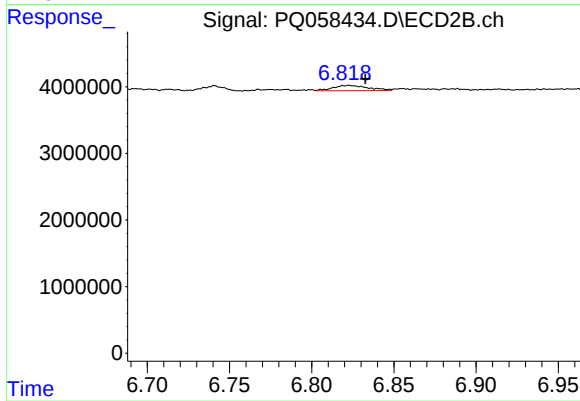
#31 AR-1260-1

R.T.: 6.651 min
Delta R.T.: 0.003 min
Response: 438389
Conc: 0.93 ng/ml



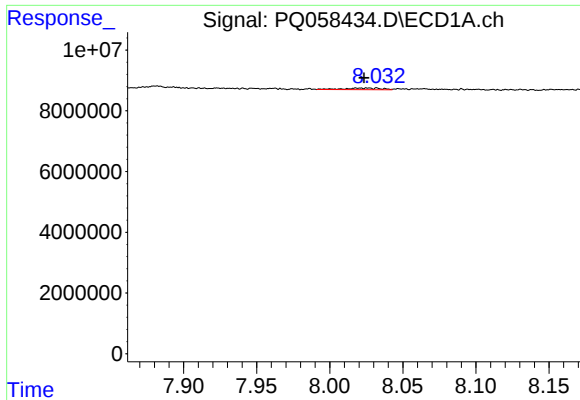
#32 AR-1260-2

R.T.: 7.711 min
Delta R.T.: -0.024 min
Response: 1896247
Conc: 3.93 ng/ml



#32 AR-1260-2

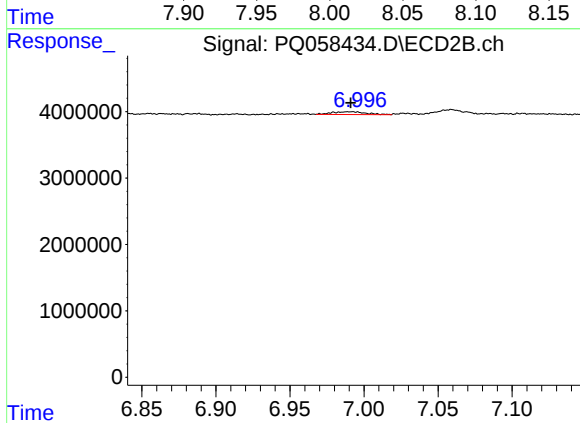
R.T.: 6.823 min
Delta R.T.: -0.010 min
Response: 1179283
Conc: 2.09 ng/ml



#33 AR-1260-3

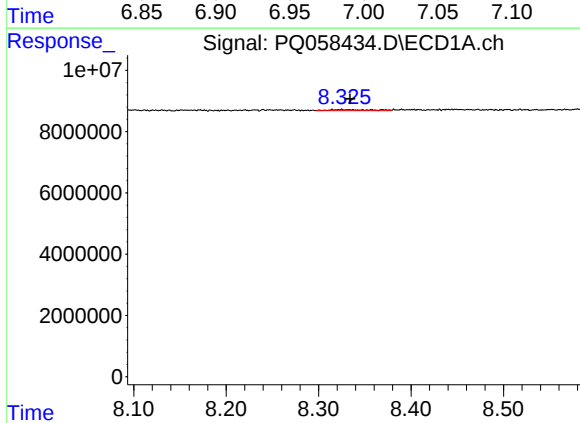
R.T.: 8.020 min
Delta R.T.: -0.004 min
Response: 972100
Conc: 1.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



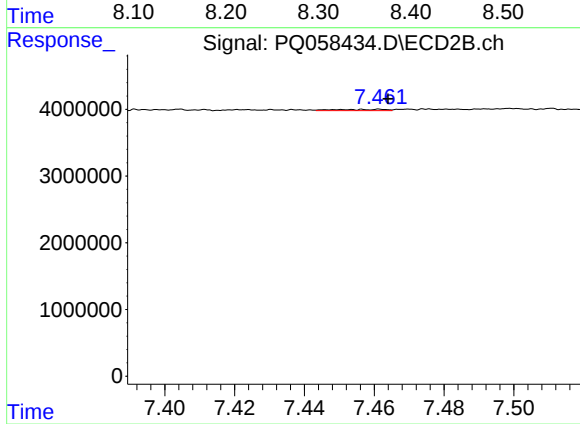
#33 AR-1260-3

R.T.: 6.992 min
Delta R.T.: 0.001 min
Response: 641493
Conc: 1.23 ng/ml



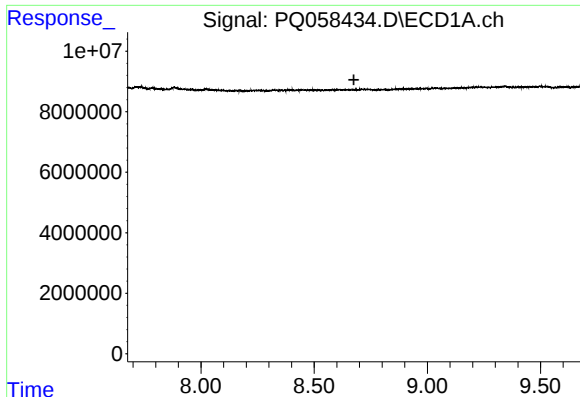
#34 AR-1260-4

R.T.: 8.325 min
Delta R.T.: -0.009 min
Response: 1099798
Conc: 2.50 ng/ml



#34 AR-1260-4

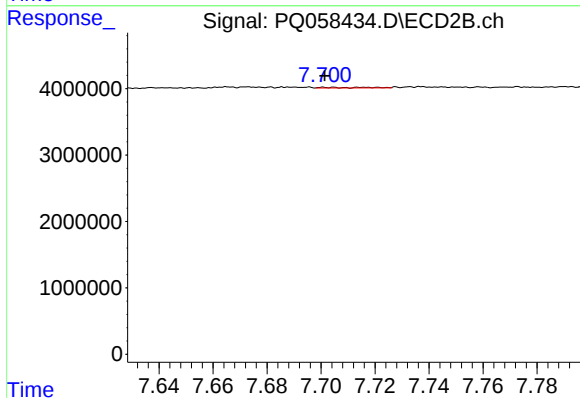
R.T.: 7.462 min
Delta R.T.: -0.002 min
Response: 196180
Conc: 0.51 ng/ml



#35 AR-1260-5

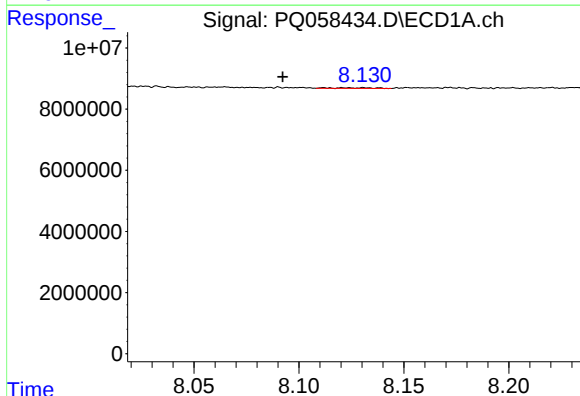
R.T.: 0.000 min
Exp R.T.: 8.675 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



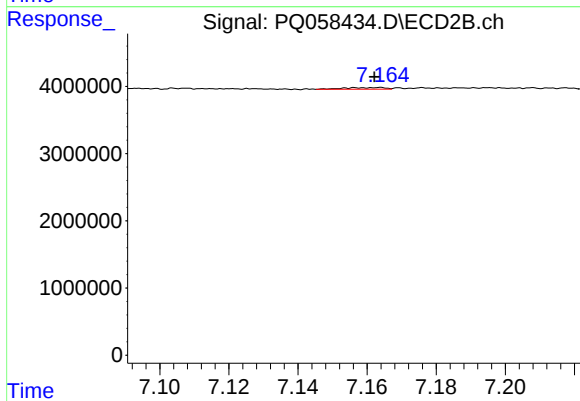
#35 AR-1260-5

R.T.: 7.701 min
Delta R.T.: 0.000 min
Response: 108003
Conc: 0.12 ng/ml



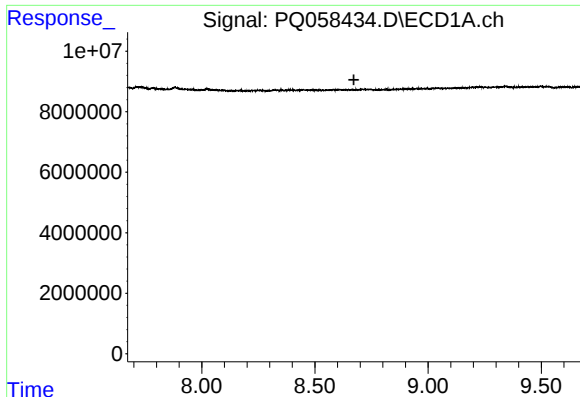
#36 AR-1262-1

R.T.: 8.112 min
Delta R.T.: 0.020 min
Response: 272243
Conc: 0.53 ng/ml



#36 AR-1262-1

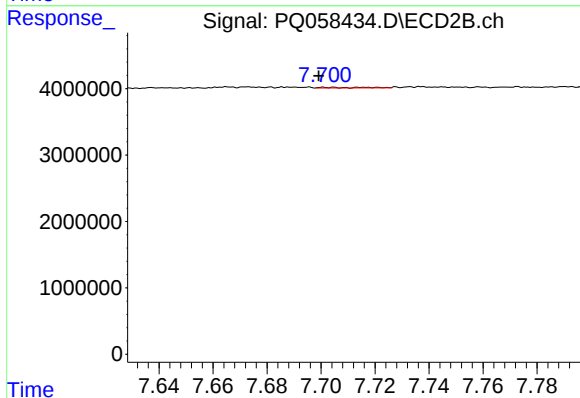
R.T.: 7.164 min
Delta R.T.: 0.002 min
Response: 192762
Conc: 0.68 ng/ml



#37 AR-1262-2

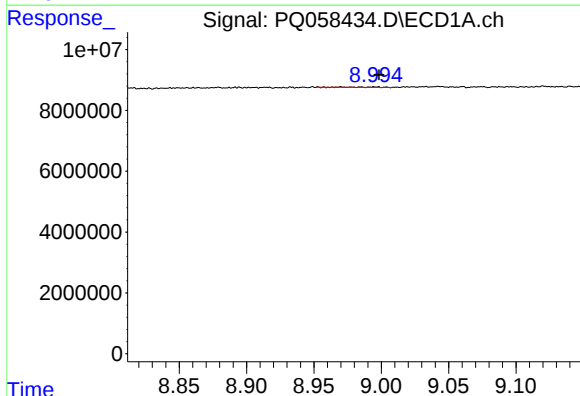
R.T.: 0.000 min
Exp R.T.: 8.672 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



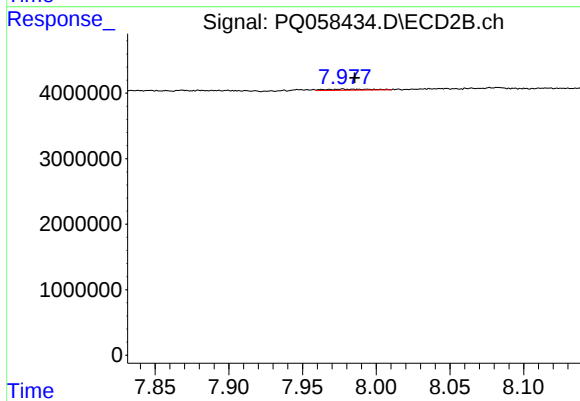
#37 AR-1262-2

R.T.: 7.701 min
Delta R.T.: 0.002 min
Response: 108003
Conc: 0.10 ng/ml



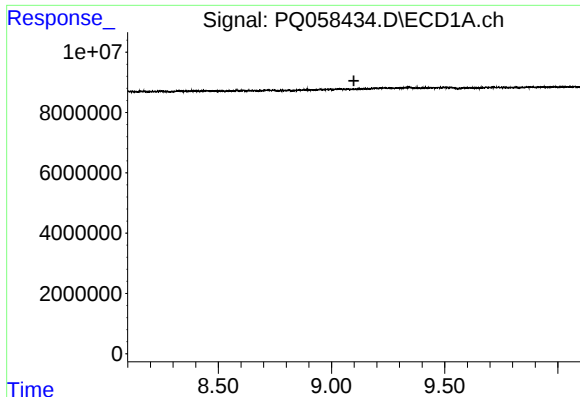
#38 AR-1262-3

R.T.: 8.984 min
Delta R.T.: -0.015 min
Response: 144441
Conc: 0.26 ng/ml



#38 AR-1262-3

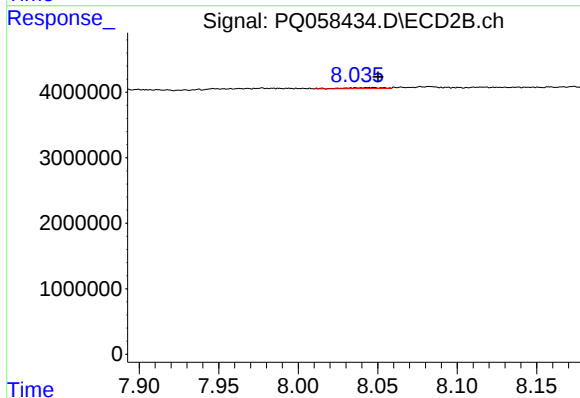
R.T.: 7.977 min
Delta R.T.: -0.008 min
Response: 362178
Conc: 0.93 ng/ml



#39 AR-1262-4

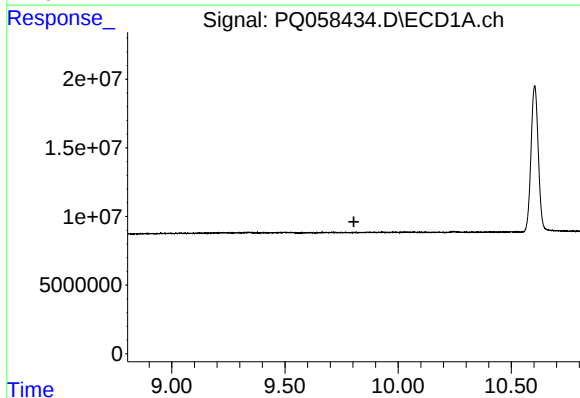
R.T.: 0.000 min
Exp R.T.: 9.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



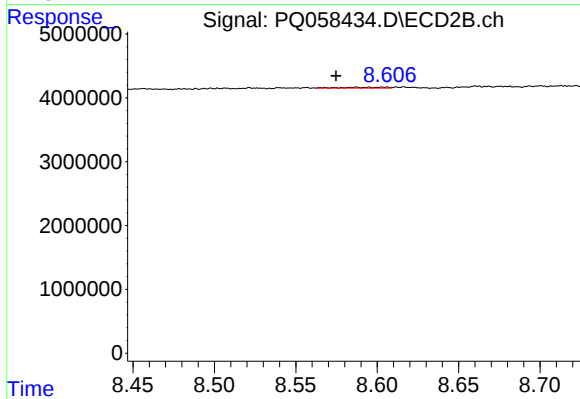
#39 AR-1262-4

R.T.: 8.047 min
Delta R.T.: -0.003 min
Response: 260246
Conc: 0.35 ng/ml



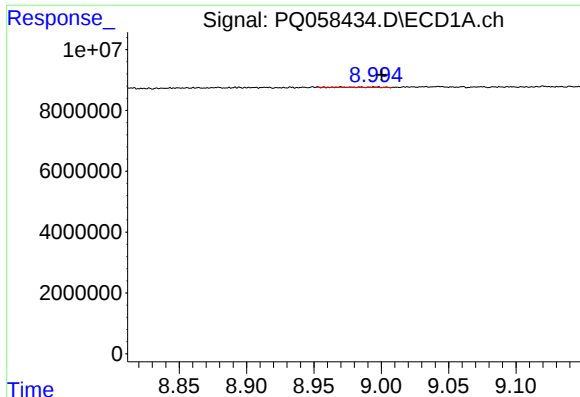
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.804 min
Response: 0
Conc: N.D.



#40 AR-1262-5

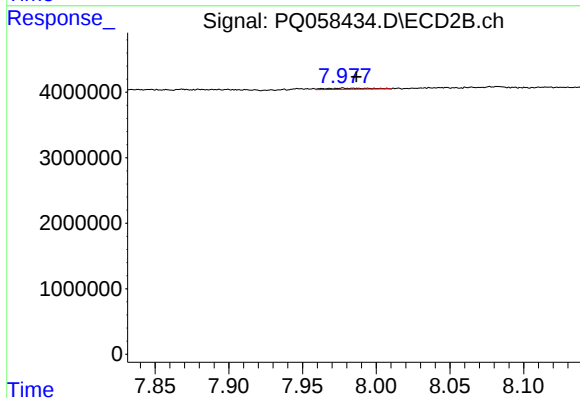
R.T.: 8.587 min
Delta R.T.: 0.012 min
Response: 252044
Conc: 0.78 ng/ml



#41 AR-1268-1

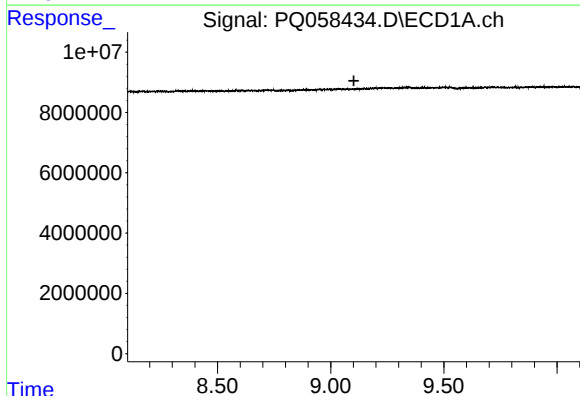
R.T.: 8.984 min
Delta R.T.: -0.017 min
Response: 144441
Conc: 0.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



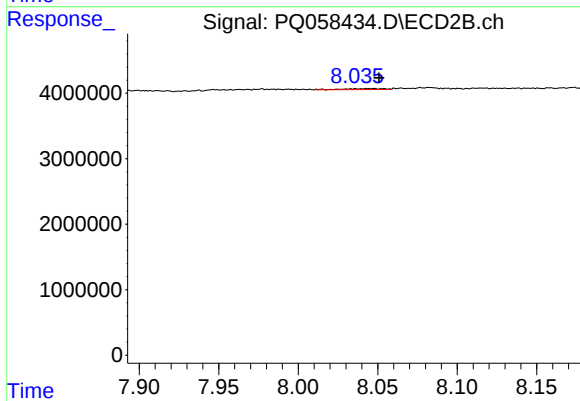
#41 AR-1268-1

R.T.: 7.977 min
Delta R.T.: -0.009 min
Response: 362178
Conc: 0.34 ng/ml



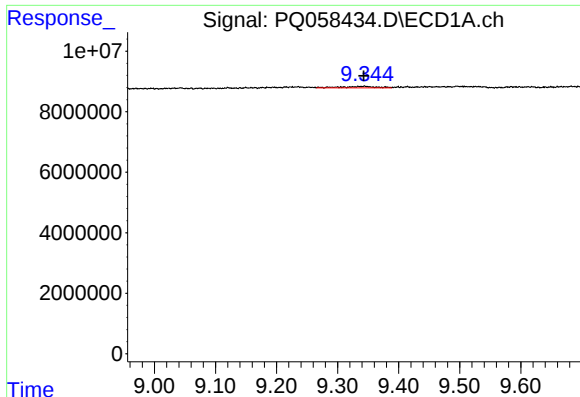
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.102 min
Response: 0
Conc: N.D.



#42 AR-1268-2

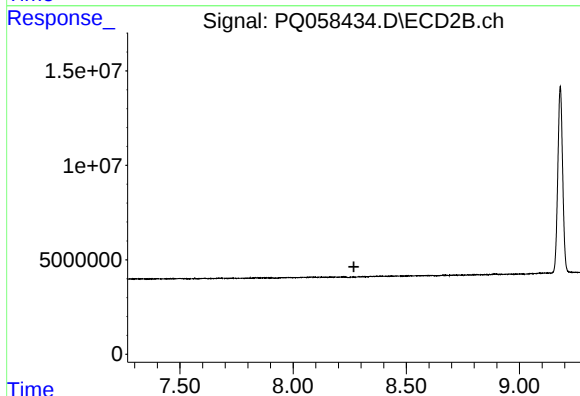
R.T.: 8.047 min
Delta R.T.: -0.004 min
Response: 260246
Conc: 0.26 ng/ml



#43 AR-1268-3

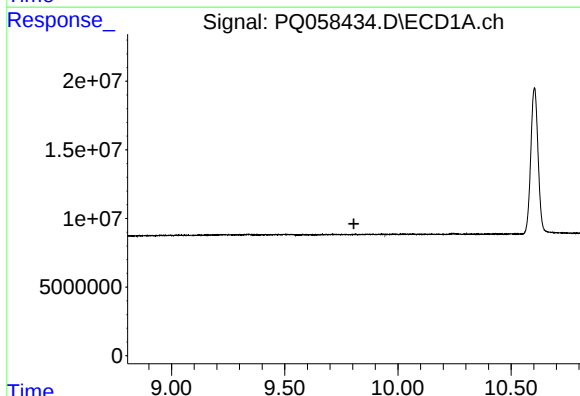
R.T.: 9.344 min
Delta R.T.: 0.001 min
Response: 2016201
Conc: 1.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



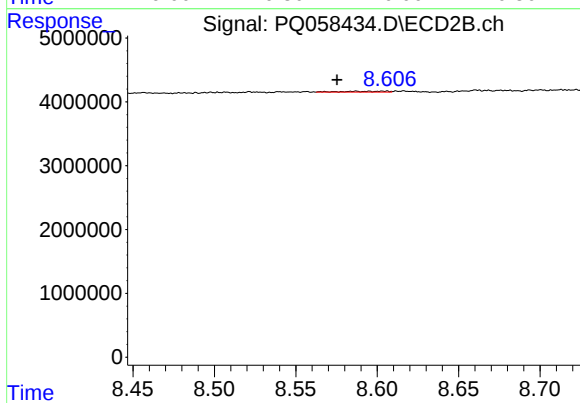
#43 AR-1268-3

R.T.: 8.262 min
Delta R.T.: -0.006 min
Response: -53710
Conc: N.D.



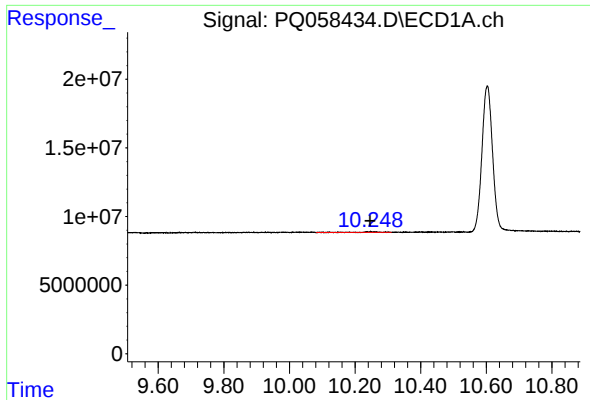
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.806 min
Response: 0
Conc: N.D.



#44 AR-1268-4

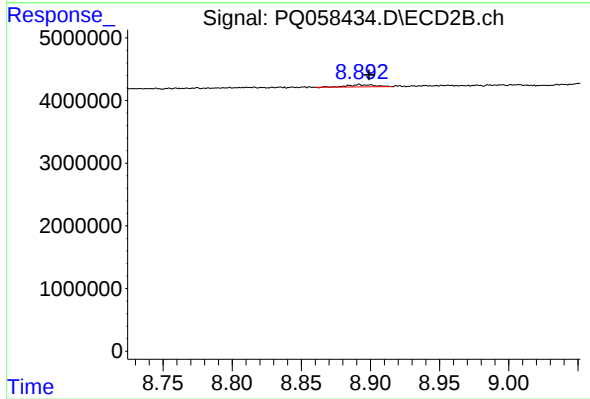
R.T.: 8.587 min
Delta R.T.: 0.012 min
Response: 252044
Conc: 0.77 ng/ml



#45 AR-1268-5

R.T.: 10.248 min
Delta R.T.: 0.002 min
Response: 1957927
Conc: 0.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.892 min
Delta R.T.: -0.007 min
Response: 464138
Conc: 0.17 ng/ml