

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040723\
 Data File : PQ060834.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 13:19
 Operator : YP\AJ
 Sample : 02213-07
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 01:46:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 27 17:20:15 2023
 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...	3.406	2.763	148.0E6	67502521	18.855	17.174
2)	SA Decachlor...	8.584	7.541	116.9E6	82986948	20.715	17.608
Target Compounds							
3)	L1 AR-1016-1	4.510	3.768	-70241	182258	N.D.	1.273 #
4)	L1 AR-1016-2	4.521	3.783	140863	192078	0.339	0.912 #
5)	L1 AR-1016-3	4.585	3.957	398684	80642	1.528	0.727 #
6)	L1 AR-1016-4	4.669	3.992	137088	2781827	0.634	29.532 #
7)	L1 AR-1016-5	4.962	4.186	3420062	1911791	15.367	16.218
8)	L2 AR-1221-1	3.613	2.971	187172	69375	1.877	1.425
9)	L2 AR-1221-2	3.685	3.032	2704882	1063711	35.923	28.635
10)	L2 AR-1221-3	3.757	3.109	895549	122252	4.026	1.076 #
11)	L3 AR-1232-1	3.757	3.109	895549	122252	5.240	1.412 #
12)	L3 AR-1232-2	4.253	3.783	307217	192078	3.099	2.021 #
13)	L3 AR-1232-3	4.521	3.957	140863	80642	0.751	1.616 #
14)	L3 AR-1232-4	4.669	4.029	137088	833473	1.388	19.572 #
15)	L3 AR-1232-5	4.772	4.186	6625098	1911791	97.543	37.175 #
16)	L4 AR-1242-1	4.510	3.768	-70241	182258	N.D.	1.636 #
17)	L4 AR-1242-2	4.521	3.783	140863	192078	0.447	1.187 #
18)	L4 AR-1242-3	4.585	3.957	398684	80642	1.978	0.953 #
19)	L4 AR-1242-4	4.669	4.029	137088	833473	0.801	10.066 #
20)	L4 AR-1242-5	5.393	4.523	2296056	6708236	13.560	58.810 #
21)	L5 AR-1248-1	4.510	3.768	-70241	182258	N.D.	2.066 #
22)	L5 AR-1248-2	4.772	3.992	6625098	2781827	28.945	21.338 #
23)	L5 AR-1248-3	4.962	4.029	3420062	833473	12.205	6.639 #
24)	L5 AR-1248-4	5.354	4.186	4749764	1911791	15.257	12.271
25)	L5 AR-1248-5	5.393	4.562	2296056	830762	7.658	5.416 #
26)	L6 AR-1254-1	5.327	4.523	10849511	6708236	34.086	28.902
27)	L6 AR-1254-2	5.544	4.671	15459012	5354626	31.386	25.509
28)	L6 AR-1254-3	5.897	5.051	15900615	8690688	31.453	26.326
29)	L6 AR-1254-4	6.183	5.278	11919065	5438130	31.831	25.980
30)	L6 AR-1254-5	6.595	5.684	12757685	7959274	30.170	24.336
31)	L7 AR-1260-1	6.063	5.182	6395415	4279914	16.634	18.475
32)	L7 AR-1260-2	6.323	5.371	7060919	3695136	15.417	12.894
33)	L7 AR-1260-3	6.676	5.510	196197	5201536	0.678	19.083 #
34)	L7 AR-1260-4	6.871	5.976	5898833	488905	17.131	2.418 #
35)	L7 AR-1260-5	7.205	6.221	2101409	1433384	3.215	3.098
36)	L8 AR-1262-1	6.676	5.746	196197	630007	0.412	1.983 #
37)	L8 AR-1262-2	7.205	6.221	2101409	1433384	2.688	2.459
38)	L8 AR-1262-3	7.483	6.503	1322329	587346	2.513	2.470
39)	L8 AR-1262-4	0.000	6.554	0	1401546	N.D.	3.169 #
40)	L8 AR-1262-5	8.080	7.045	337811	379366	1.249	1.793 #
41)	L9 AR-1268-1	7.483	6.503	1322329	587346	1.520	0.874 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040723\
 Data File : PQ060834.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 13:19
 Operator : YP\AJ
 Sample : 02213-07
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 01:46:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 27 17:20:15 2023
 Response via : Initial Calibration
 Integrator: ChemStation

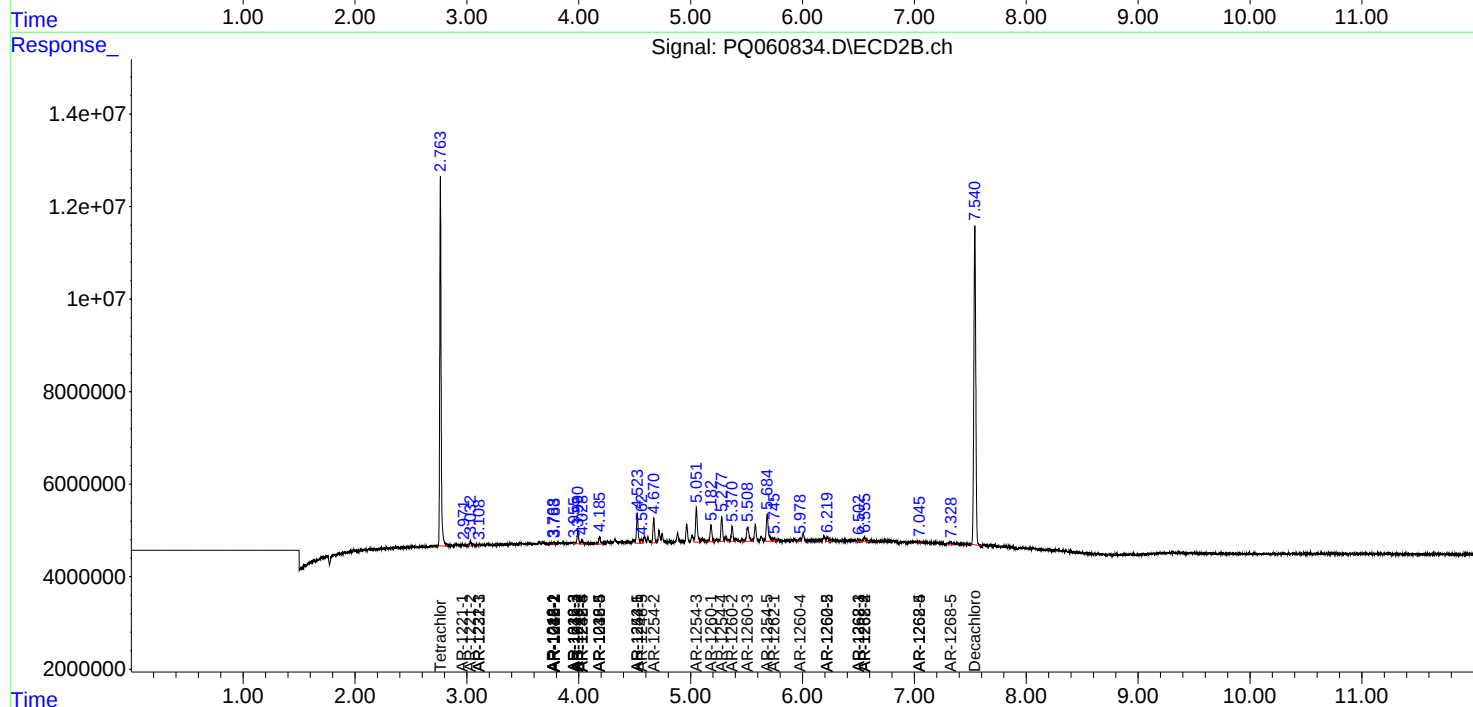
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

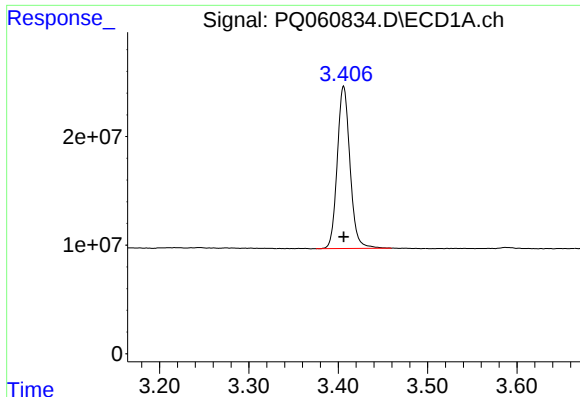
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	6.554	0	1401546	N.D.	2.267 #
43) L9	AR-1268-3	7.757	0.000	469943	0	0.708	N.D. #
44) L9	AR-1268-4	8.080	7.045	337811	379366	1.146	1.627 #
45) L9	AR-1268-5	8.353	7.324	707584	917716	0.375	0.525 #

(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

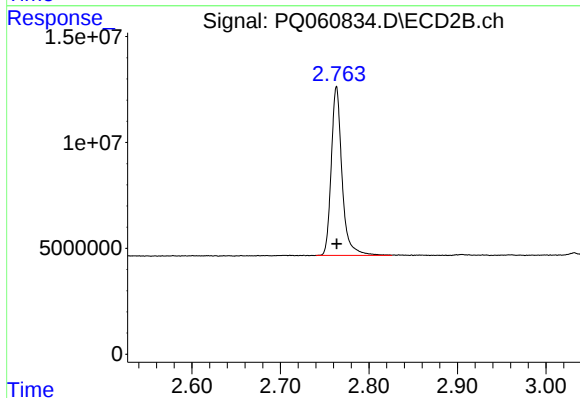




#1 Tetrachloro-m-xylene

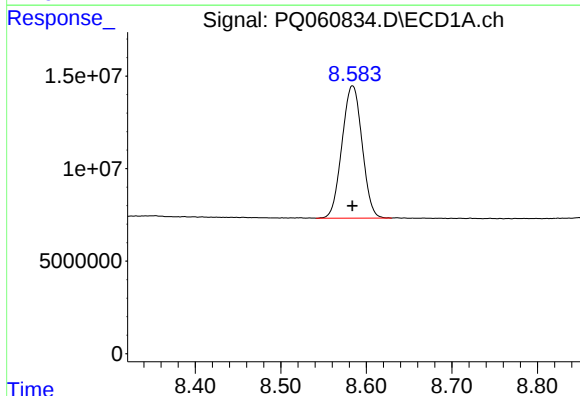
R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 148016713
Conc: 18.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



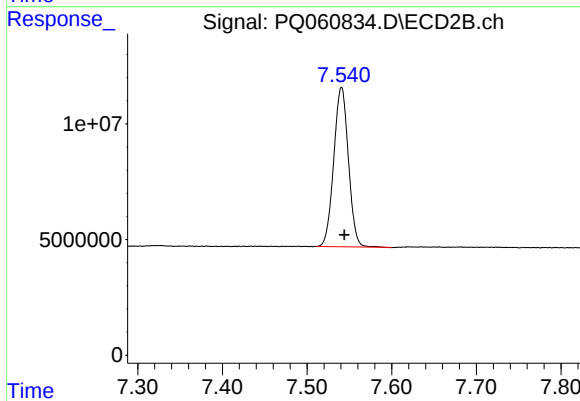
#1 Tetrachloro-m-xylene

R.T.: 2.763 min
Delta R.T.: 0.000 min
Response: 67502521
Conc: 17.17 ng/ml



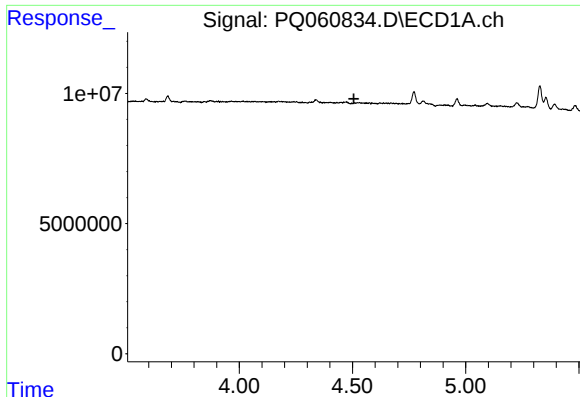
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 116896851
Conc: 20.72 ng/ml



#2 Decachlorobiphenyl

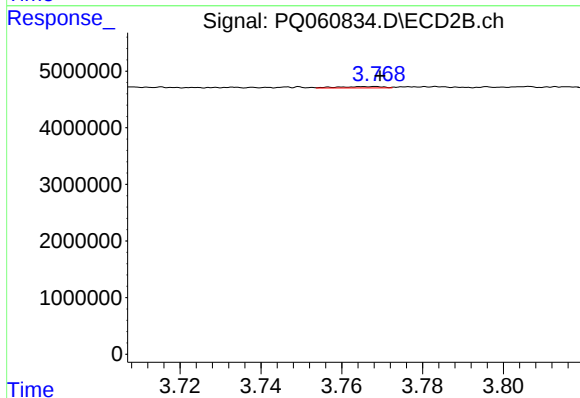
R.T.: 7.541 min
Delta R.T.: -0.003 min
Response: 82986948
Conc: 17.61 ng/ml



#3 AR-1016-1

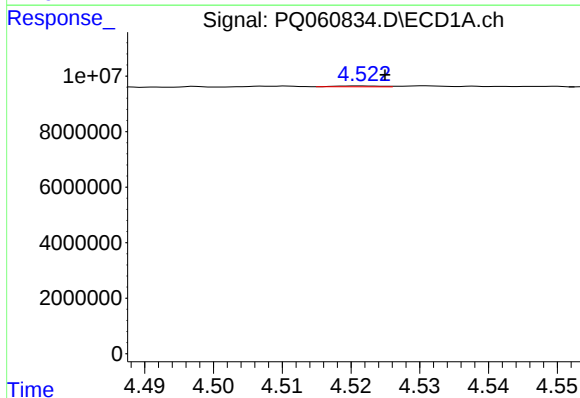
R.T.: 4.510 min
Delta R.T.: 0.004 min
Response: -70241
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



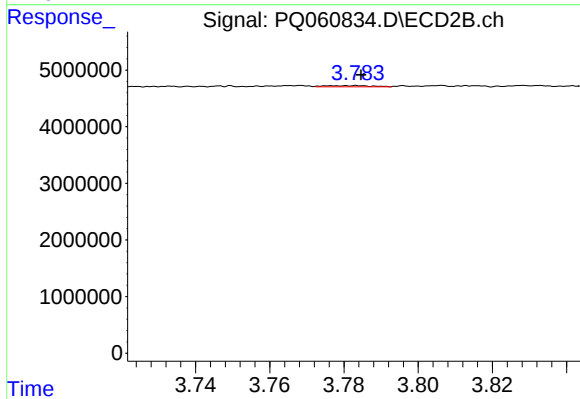
#3 AR-1016-1

R.T.: 3.768 min
Delta R.T.: -0.002 min
Response: 182258
Conc: 1.27 ng/ml



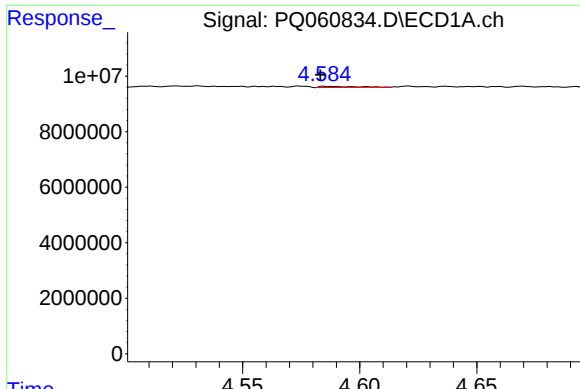
#4 AR-1016-2

R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 140863
Conc: 0.34 ng/ml



#4 AR-1016-2

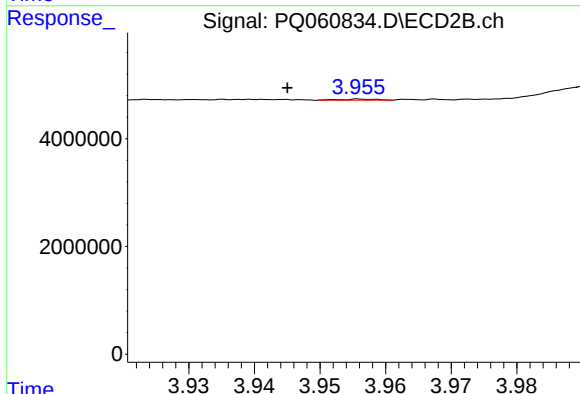
R.T.: 3.783 min
Delta R.T.: -0.001 min
Response: 192078
Conc: 0.91 ng/ml



#5 AR-1016-3

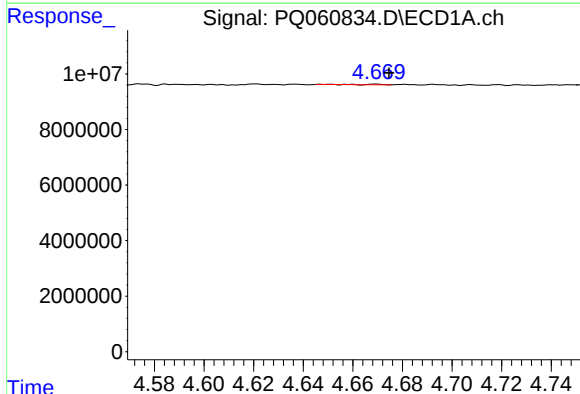
R.T.: 4.585 min
Delta R.T.: 0.002 min
Response: 398684
Conc: 1.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



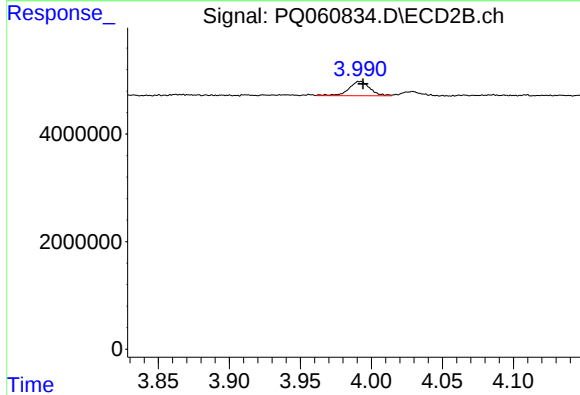
#5 AR-1016-3

R.T.: 3.957 min
Delta R.T.: 0.012 min
Response: 80642
Conc: 0.73 ng/ml



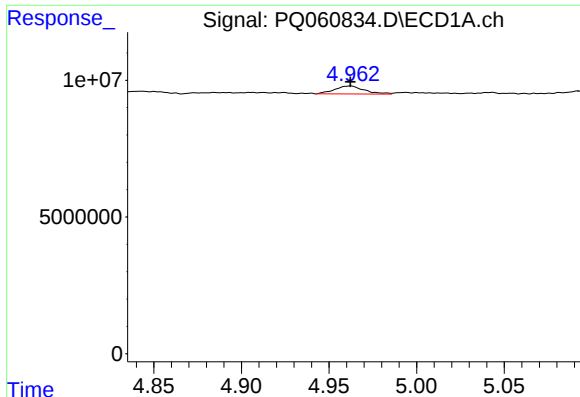
#6 AR-1016-4

R.T.: 4.669 min
Delta R.T.: -0.005 min
Response: 137088
Conc: 0.63 ng/ml



#6 AR-1016-4

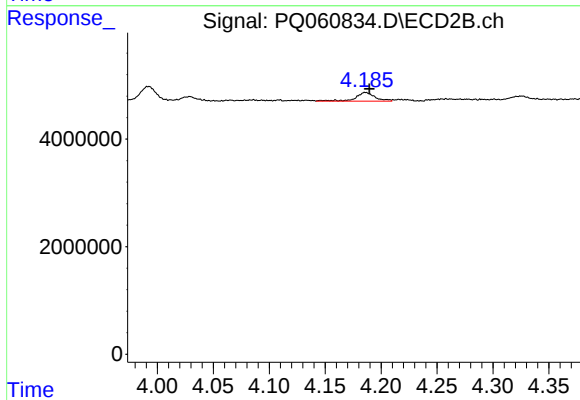
R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 2781827
Conc: 29.53 ng/ml



#7 AR-1016-5

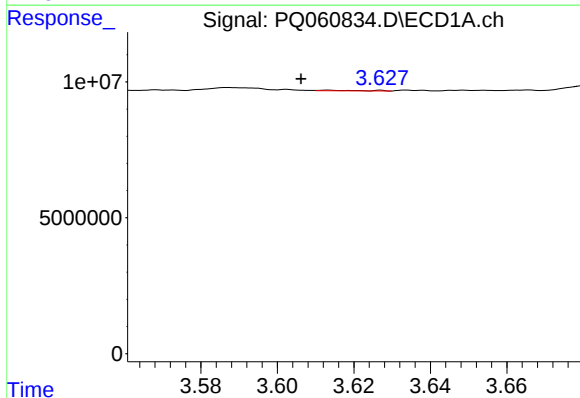
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 3420062
Conc: 15.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



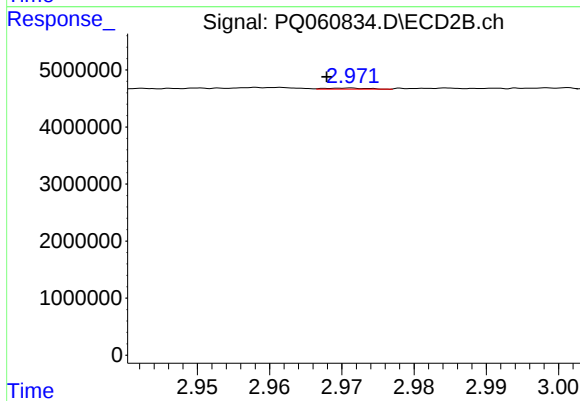
#7 AR-1016-5

R.T.: 4.186 min
Delta R.T.: -0.003 min
Response: 1911791
Conc: 16.22 ng/ml



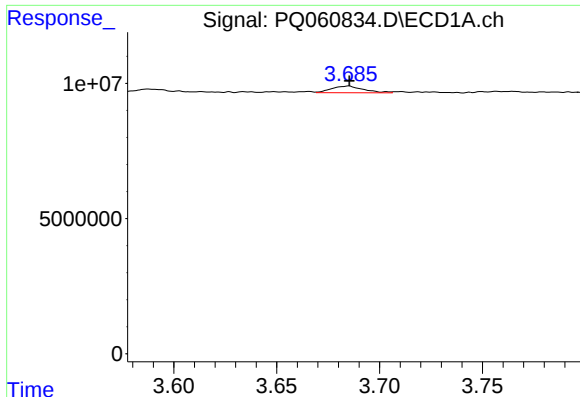
#8 AR-1221-1

R.T.: 3.613 min
Delta R.T.: 0.007 min
Response: 187172
Conc: 1.88 ng/ml



#8 AR-1221-1

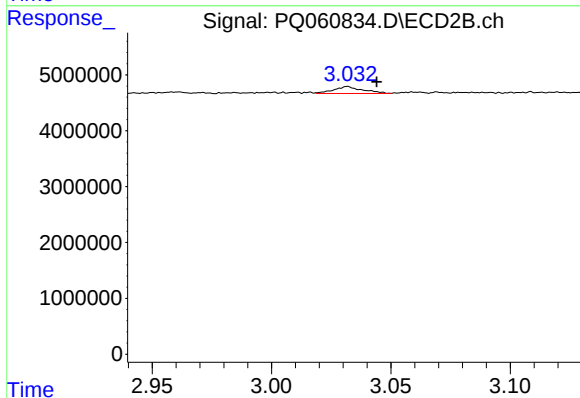
R.T.: 2.971 min
Delta R.T.: 0.003 min
Response: 69375
Conc: 1.43 ng/ml



#9 AR-1221-2

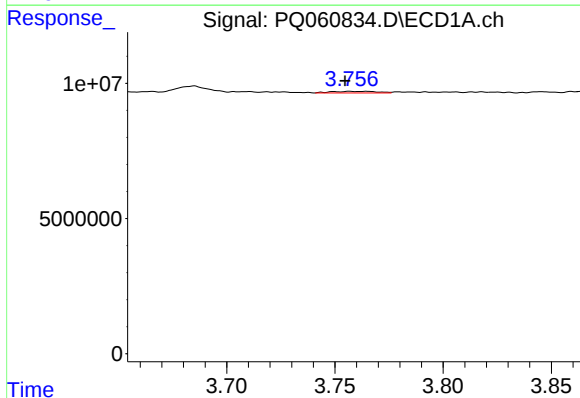
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 2704882
Conc: 35.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



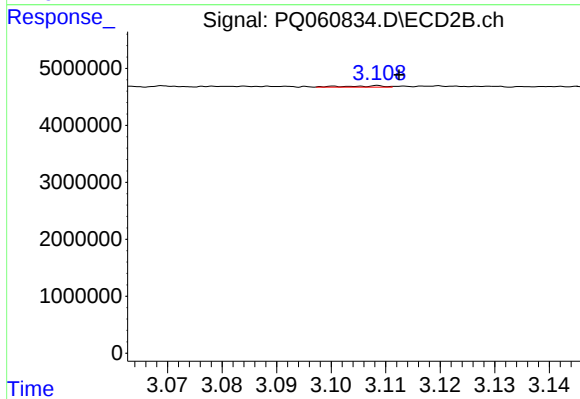
#9 AR-1221-2

R.T.: 3.032 min
Delta R.T.: -0.012 min
Response: 1063711
Conc: 28.63 ng/ml



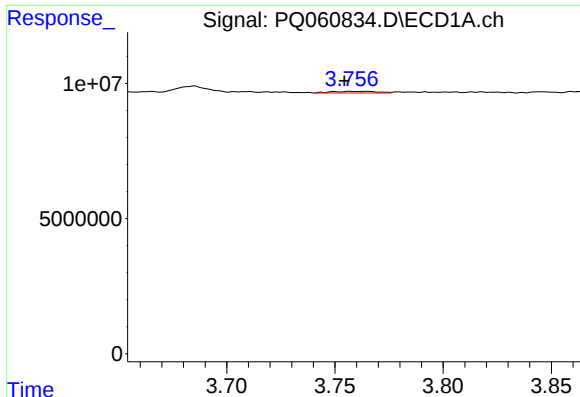
#10 AR-1221-3

R.T.: 3.757 min
Delta R.T.: 0.002 min
Response: 895549
Conc: 4.03 ng/ml



#10 AR-1221-3

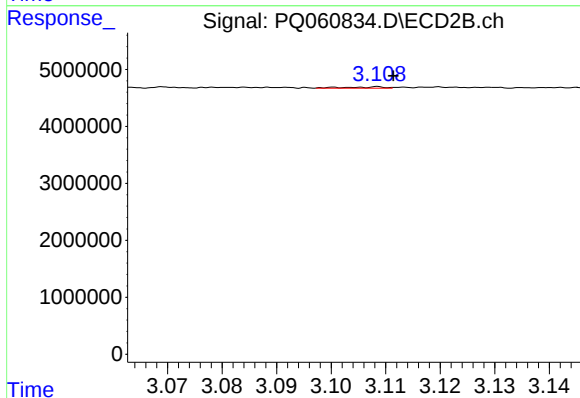
R.T.: 3.109 min
Delta R.T.: -0.004 min
Response: 122252
Conc: 1.08 ng/ml



#11 AR-1232-1

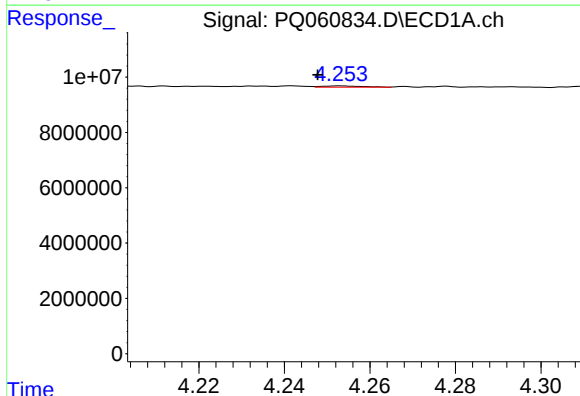
R.T.: 3.757 min
Delta R.T.: 0.003 min
Response: 895549
Conc: 5.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



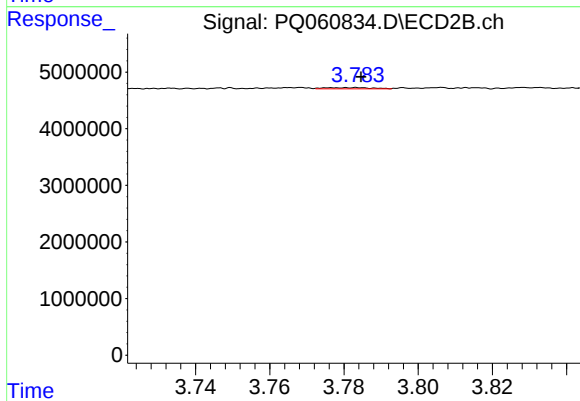
#11 AR-1232-1

R.T.: 3.109 min
Delta R.T.: -0.003 min
Response: 122252
Conc: 1.41 ng/ml



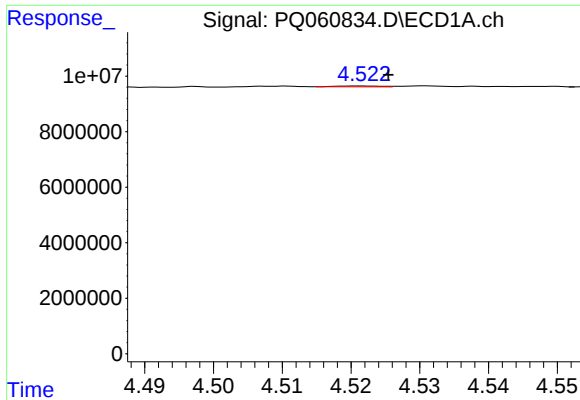
#12 AR-1232-2

R.T.: 4.253 min
Delta R.T.: 0.005 min
Response: 307217
Conc: 3.10 ng/ml



#12 AR-1232-2

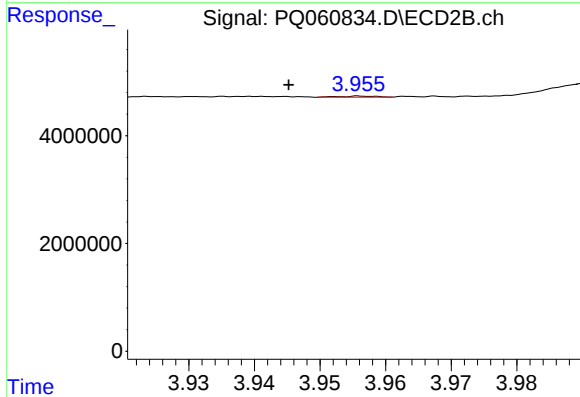
R.T.: 3.783 min
Delta R.T.: -0.001 min
Response: 192078
Conc: 2.02 ng/ml



#13 AR-1232-3

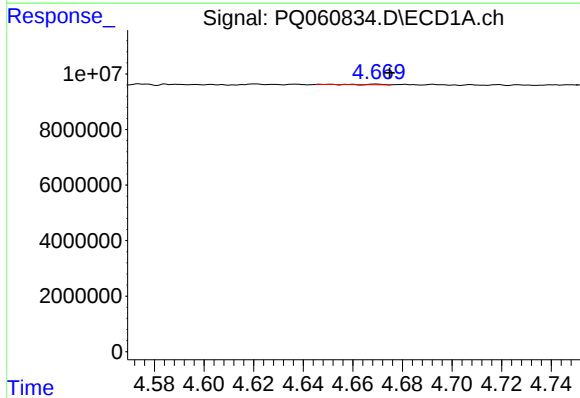
R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 140863
Conc: 0.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



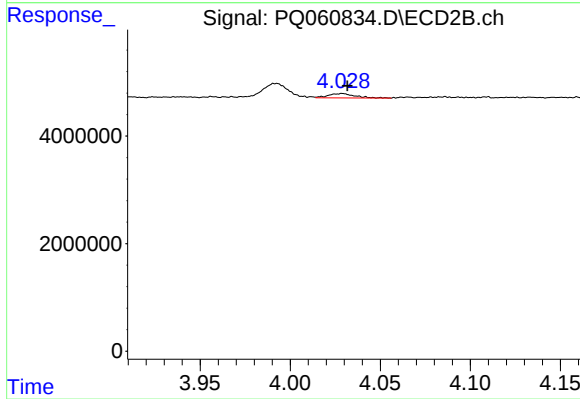
#13 AR-1232-3

R.T.: 3.957 min
Delta R.T.: 0.011 min
Response: 80642
Conc: 1.62 ng/ml



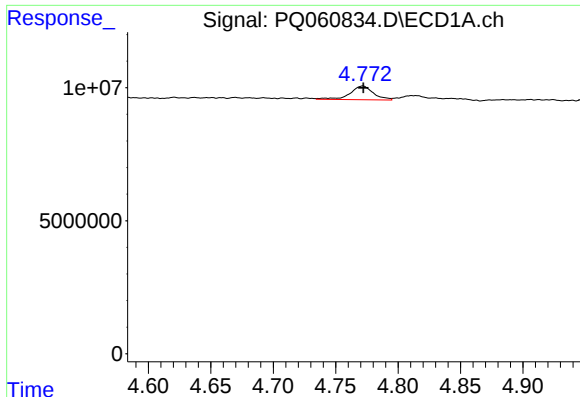
#14 AR-1232-4

R.T.: 4.669 min
Delta R.T.: -0.006 min
Response: 137088
Conc: 1.39 ng/ml



#14 AR-1232-4

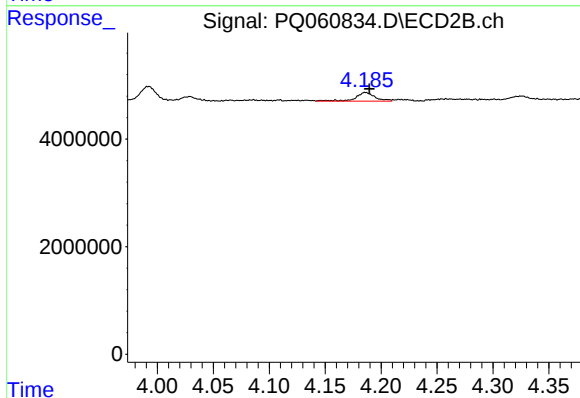
R.T.: 4.029 min
Delta R.T.: -0.003 min
Response: 833473
Conc: 19.57 ng/ml



#15 AR-1232-5

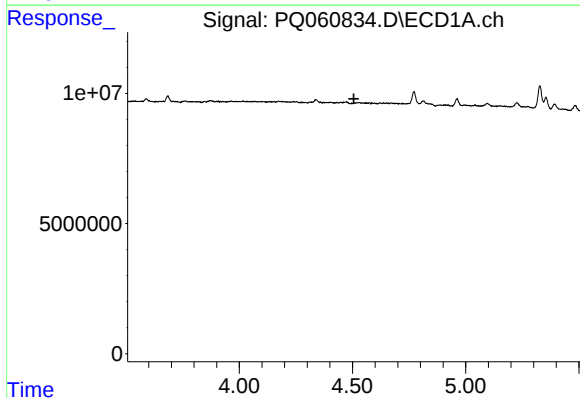
R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 6625098
Conc: 97.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



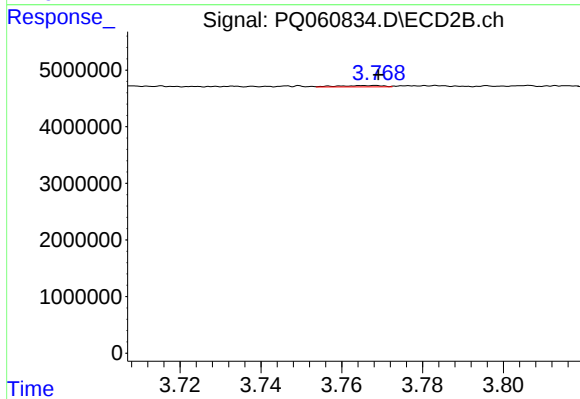
#15 AR-1232-5

R.T.: 4.186 min
Delta R.T.: -0.004 min
Response: 1911791
Conc: 37.18 ng/ml



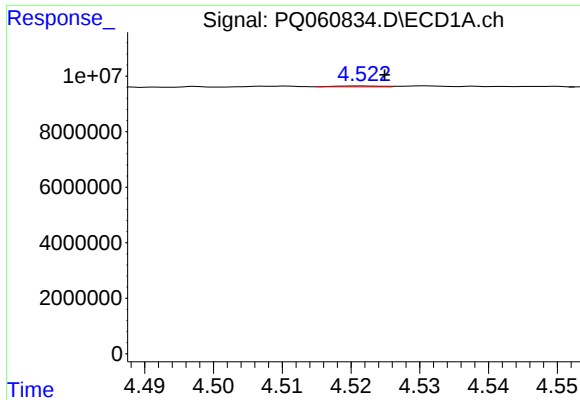
#16 AR-1242-1

R.T.: 4.510 min
Delta R.T.: 0.004 min
Response: -70241
Conc: N.D.



#16 AR-1242-1

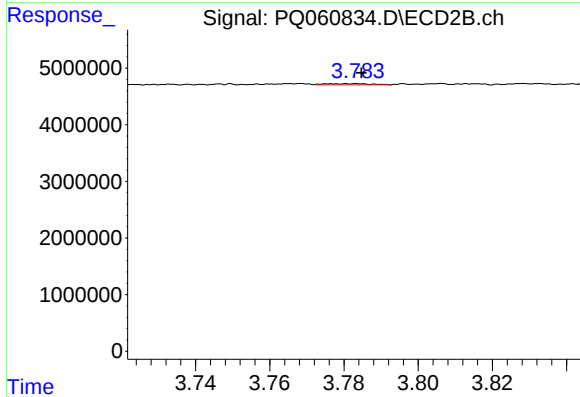
R.T.: 3.768 min
Delta R.T.: -0.002 min
Response: 182258
Conc: 1.64 ng/ml



#17 AR-1242-2

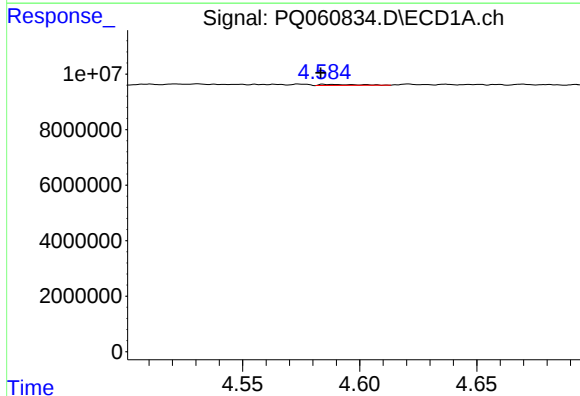
R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 140863
Conc: 0.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



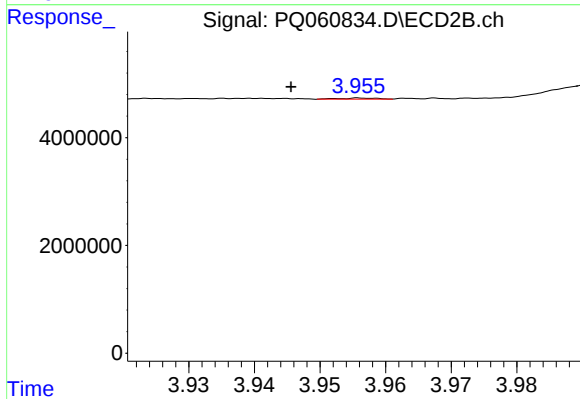
#17 AR-1242-2

R.T.: 3.783 min
Delta R.T.: -0.001 min
Response: 192078
Conc: 1.19 ng/ml



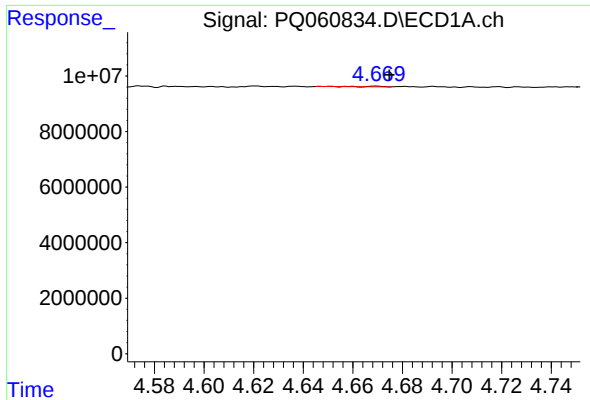
#18 AR-1242-3

R.T.: 4.585 min
Delta R.T.: 0.002 min
Response: 398684
Conc: 1.98 ng/ml



#18 AR-1242-3

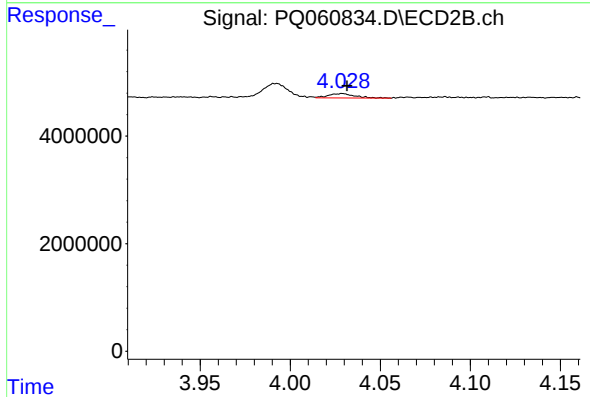
R.T.: 3.957 min
Delta R.T.: 0.011 min
Response: 80642
Conc: 0.95 ng/ml



#19 AR-1242-4

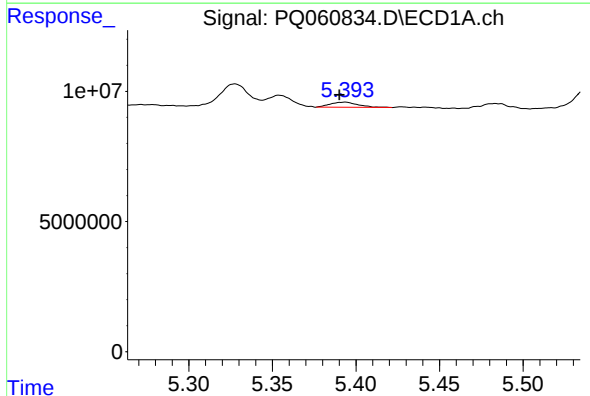
R.T.: 4.669 min
Delta R.T.: -0.005 min
Response: 137088
Conc: 0.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



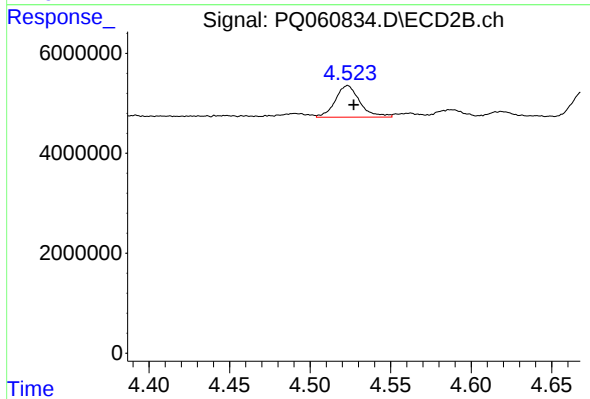
#19 AR-1242-4

R.T.: 4.029 min
Delta R.T.: -0.003 min
Response: 833473
Conc: 10.07 ng/ml



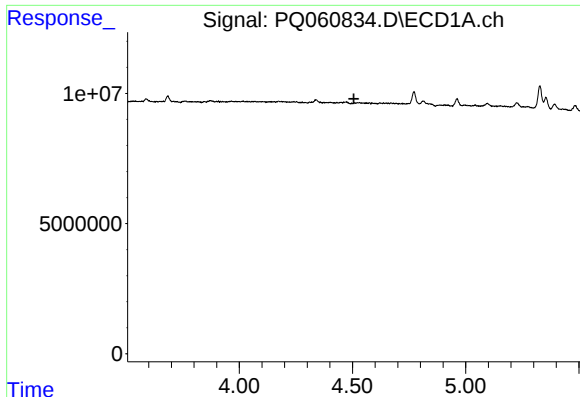
#20 AR-1242-5

R.T.: 5.393 min
Delta R.T.: 0.003 min
Response: 2296056
Conc: 13.56 ng/ml



#20 AR-1242-5

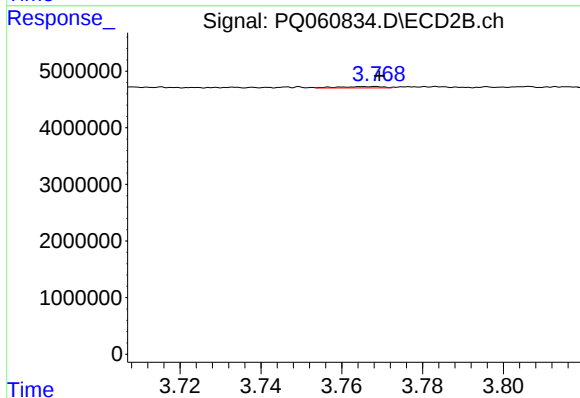
R.T.: 4.523 min
Delta R.T.: -0.004 min
Response: 6708236
Conc: 58.81 ng/ml



#21 AR-1248-1

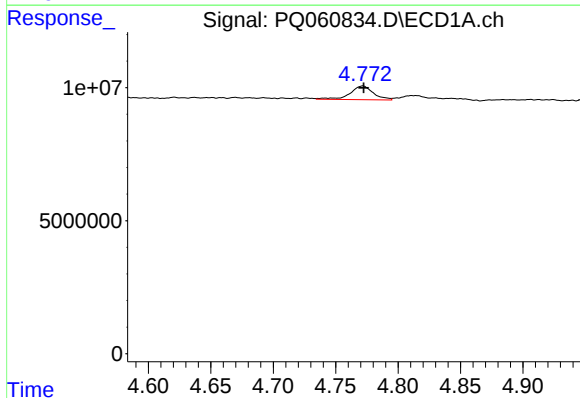
R.T.: 4.510 min
Delta R.T.: 0.003 min
Response: -70241
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



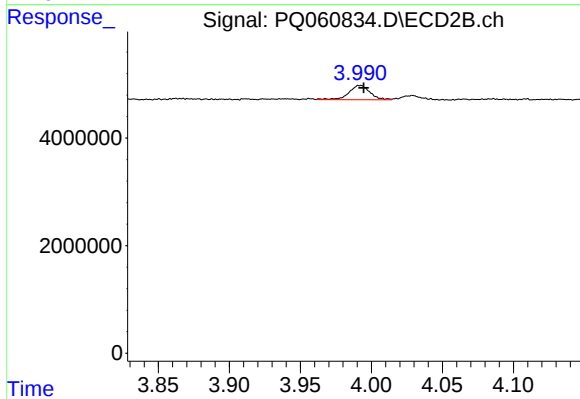
#21 AR-1248-1

R.T.: 3.768 min
Delta R.T.: -0.002 min
Response: 182258
Conc: 2.07 ng/ml



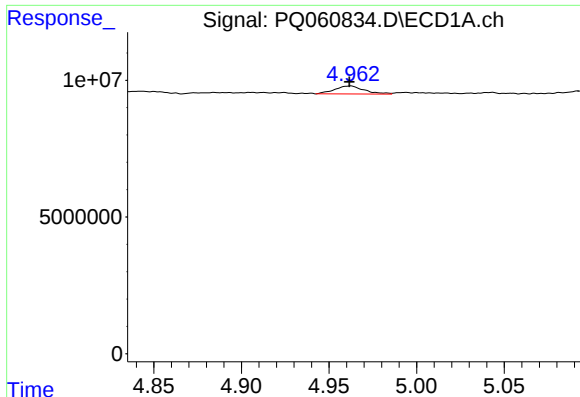
#22 AR-1248-2

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 6625098
Conc: 28.94 ng/ml



#22 AR-1248-2

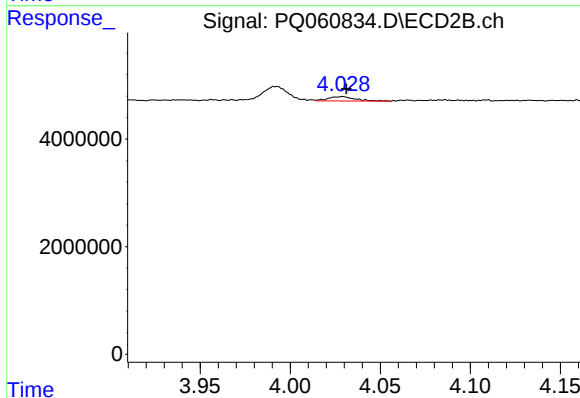
R.T.: 3.992 min
Delta R.T.: -0.003 min
Response: 2781827
Conc: 21.34 ng/ml



#23 AR-1248-3

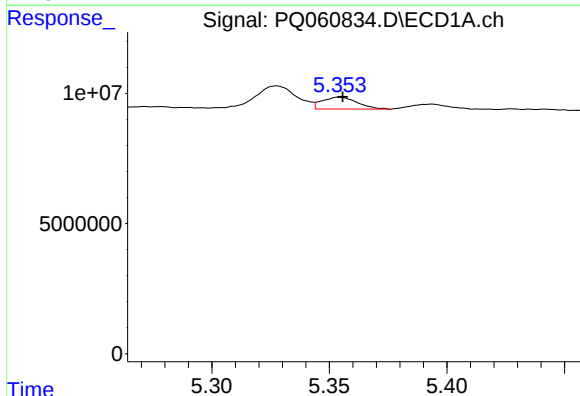
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 3420062
Conc: 12.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



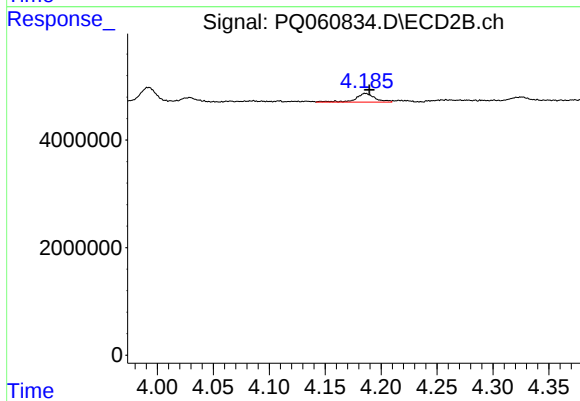
#23 AR-1248-3

R.T.: 4.029 min
Delta R.T.: -0.002 min
Response: 833473
Conc: 6.64 ng/ml



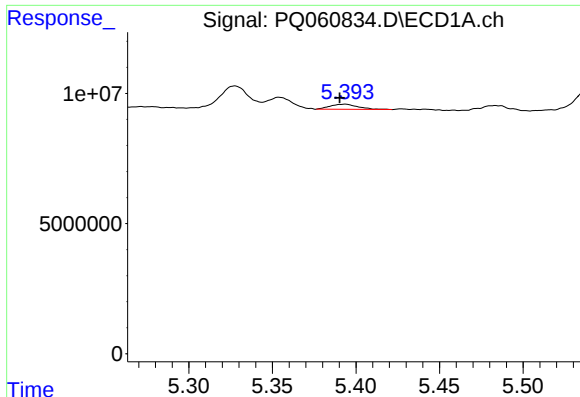
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: -0.001 min
Response: 4749764
Conc: 15.26 ng/ml



#24 AR-1248-4

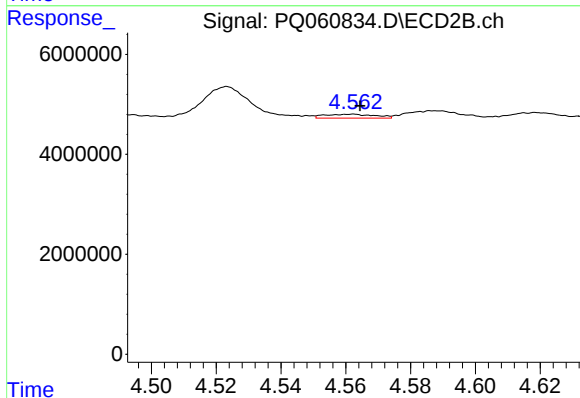
R.T.: 4.186 min
Delta R.T.: -0.004 min
Response: 1911791
Conc: 12.27 ng/ml



#25 AR-1248-5

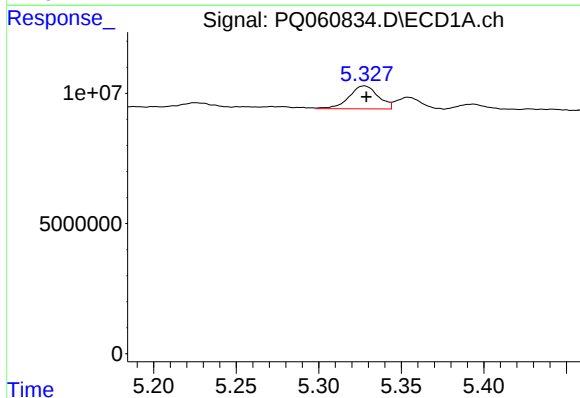
R.T.: 5.393 min
Delta R.T.: 0.003 min
Response: 2296056
Conc: 7.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



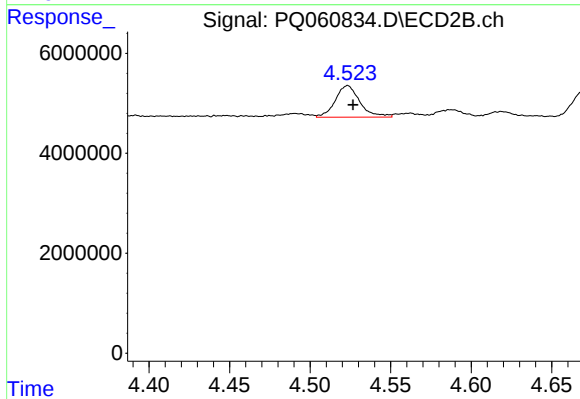
#25 AR-1248-5

R.T.: 4.562 min
Delta R.T.: -0.002 min
Response: 830762
Conc: 5.42 ng/ml



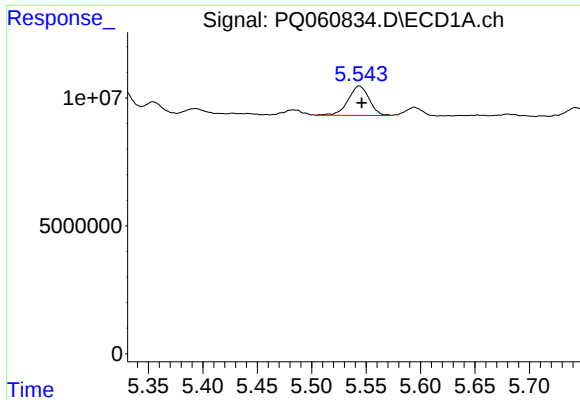
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.001 min
Response: 10849511
Conc: 34.09 ng/ml



#26 AR-1254-1

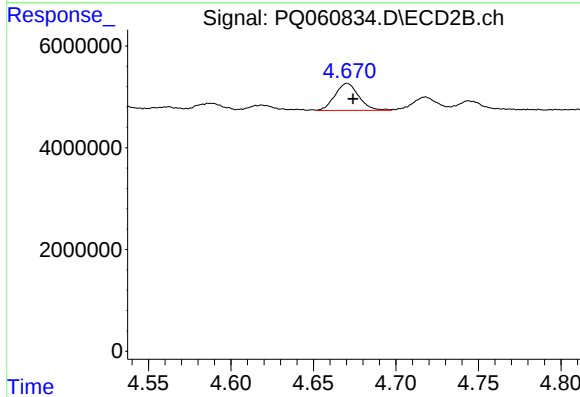
R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 6708236
Conc: 28.90 ng/ml



#27 AR-1254-2

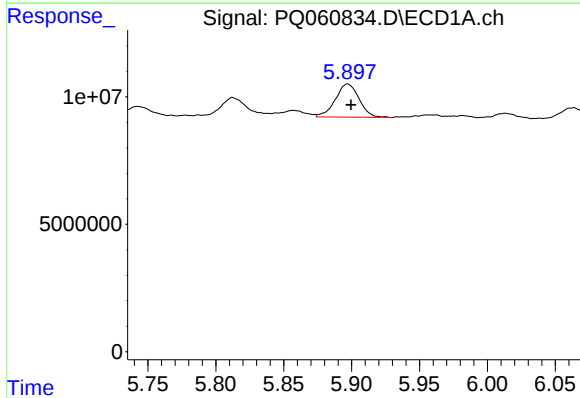
R.T.: 5.544 min
Delta R.T.: -0.002 min
Response: 15459012
Conc: 31.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



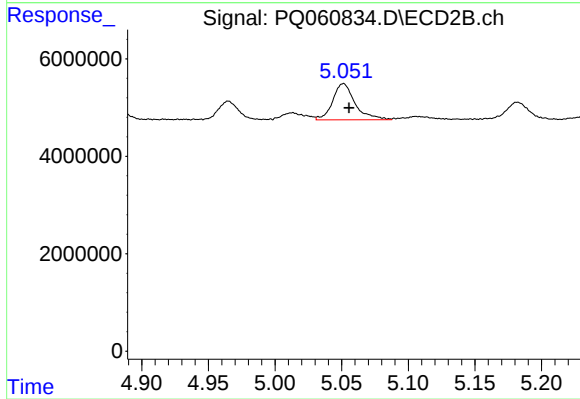
#27 AR-1254-2

R.T.: 4.671 min
Delta R.T.: -0.003 min
Response: 5354626
Conc: 25.51 ng/ml



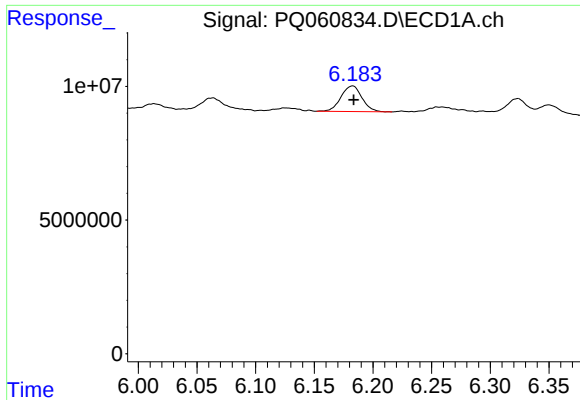
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 15900615
Conc: 31.45 ng/ml



#28 AR-1254-3

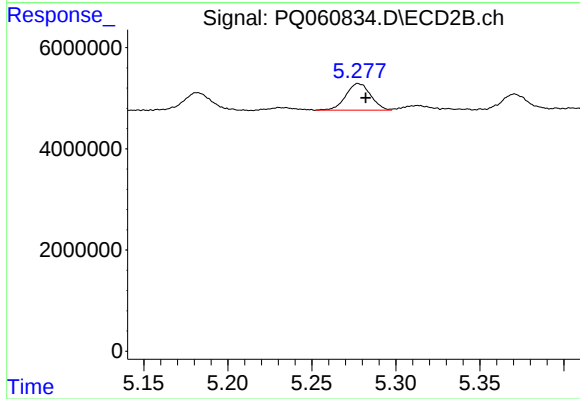
R.T.: 5.051 min
Delta R.T.: -0.004 min
Response: 8690688
Conc: 26.33 ng/ml



#29 AR-1254-4

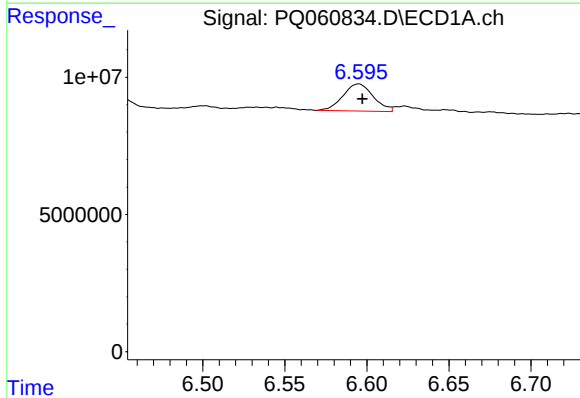
R.T.: 6.183 min
Delta R.T.: -0.001 min
Response: 11919065
Conc: 31.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



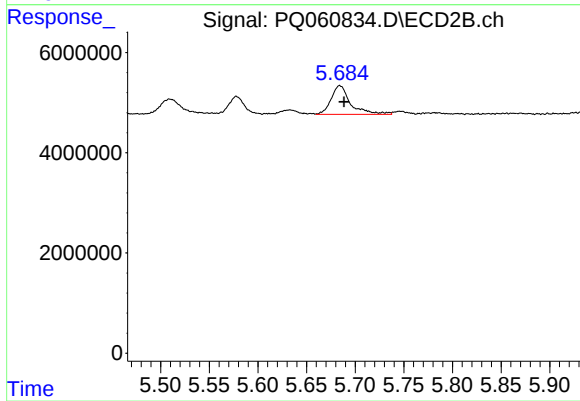
#29 AR-1254-4

R.T.: 5.278 min
Delta R.T.: -0.004 min
Response: 5438130
Conc: 25.98 ng/ml



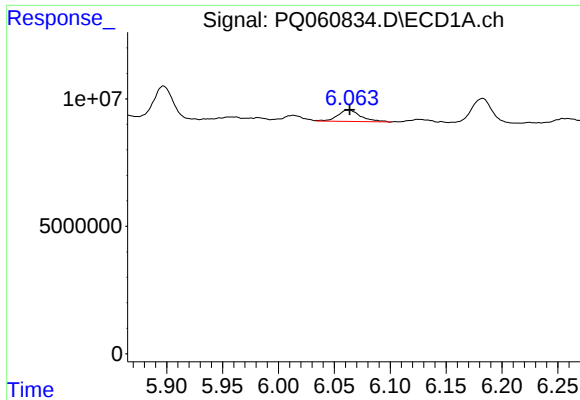
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: -0.002 min
Response: 12757685
Conc: 30.17 ng/ml



#30 AR-1254-5

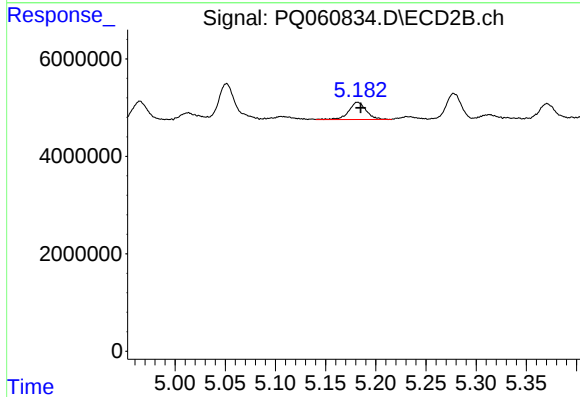
R.T.: 5.684 min
Delta R.T.: -0.004 min
Response: 7959274
Conc: 24.34 ng/ml



#31 AR-1260-1

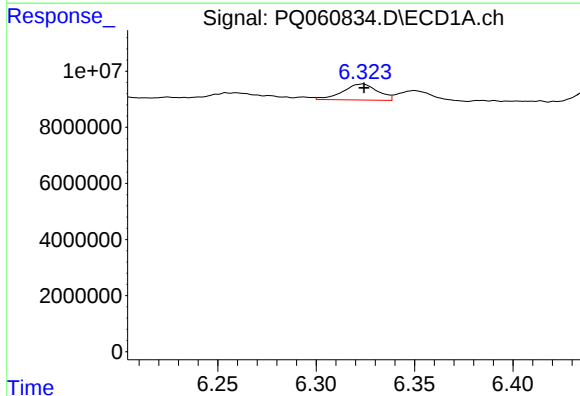
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 6395415
Conc: 16.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



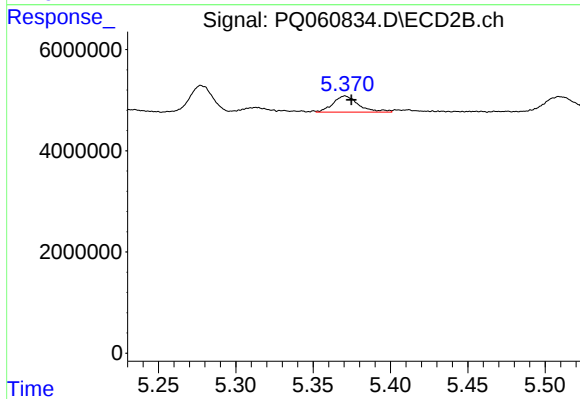
#31 AR-1260-1

R.T.: 5.182 min
Delta R.T.: -0.003 min
Response: 4279914
Conc: 18.47 ng/ml



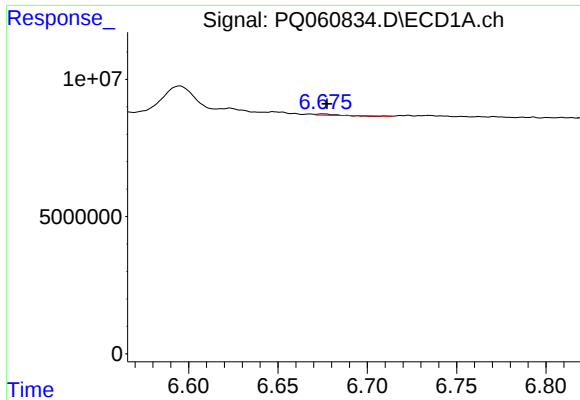
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: -0.001 min
Response: 7060919
Conc: 15.42 ng/ml



#32 AR-1260-2

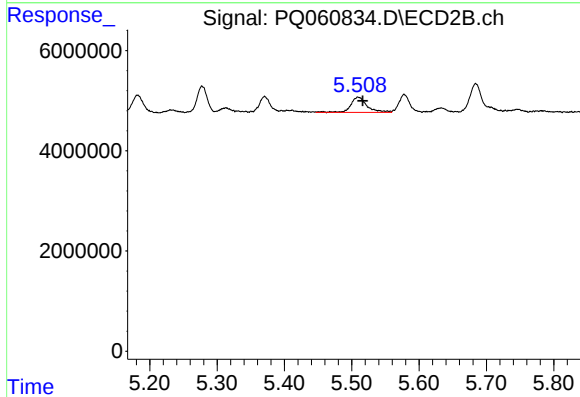
R.T.: 5.371 min
Delta R.T.: -0.004 min
Response: 3695136
Conc: 12.89 ng/ml



#33 AR-1260-3

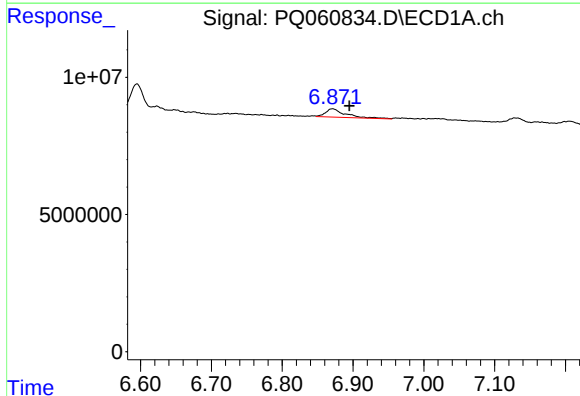
R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 196197
Conc: 0.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



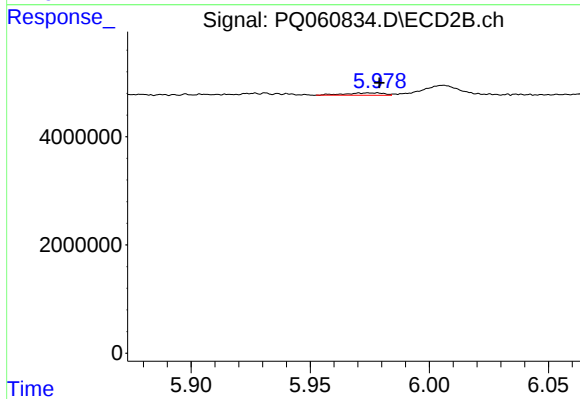
#33 AR-1260-3

R.T.: 5.510 min
Delta R.T.: -0.007 min
Response: 5201536
Conc: 19.08 ng/ml



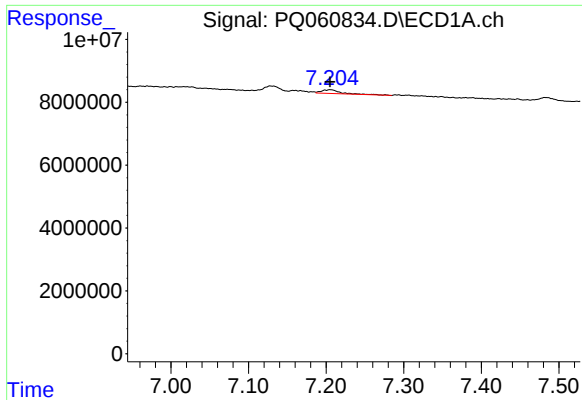
#34 AR-1260-4

R.T.: 6.871 min
Delta R.T.: -0.024 min
Response: 5898833
Conc: 17.13 ng/ml



#34 AR-1260-4

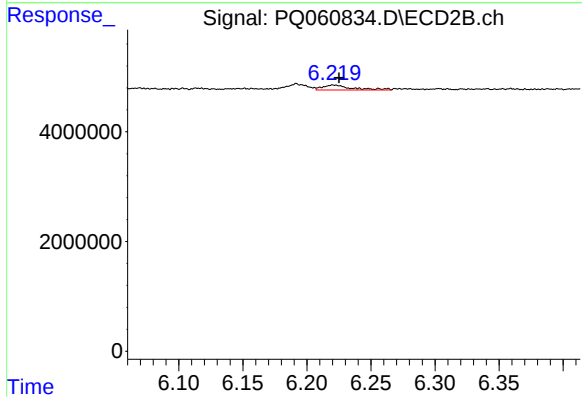
R.T.: 5.976 min
Delta R.T.: -0.003 min
Response: 488905
Conc: 2.42 ng/ml



#35 AR-1260-5

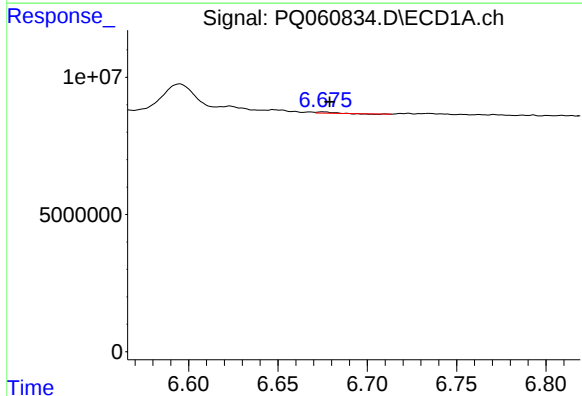
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 2101409
Conc: 3.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



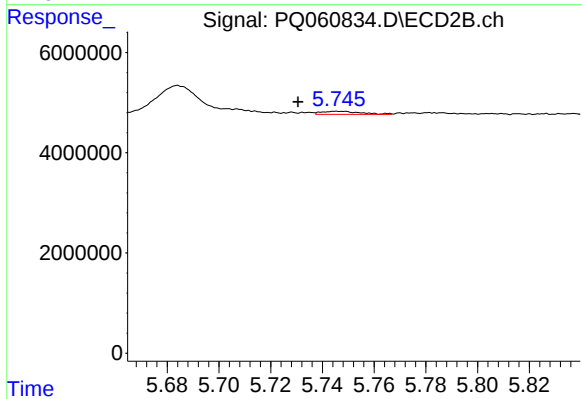
#35 AR-1260-5

R.T.: 6.221 min
Delta R.T.: -0.004 min
Response: 1433384
Conc: 3.10 ng/ml



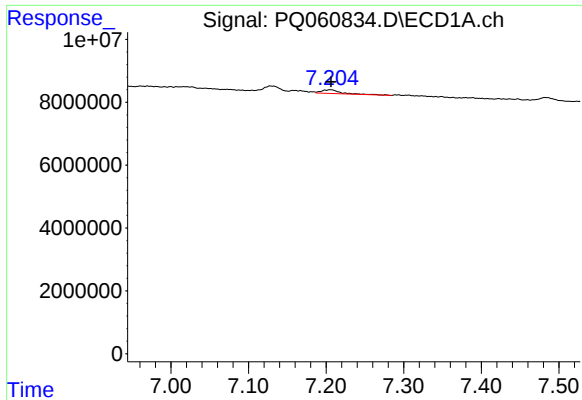
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: -0.003 min
Response: 196197
Conc: 0.41 ng/ml



#36 AR-1262-1

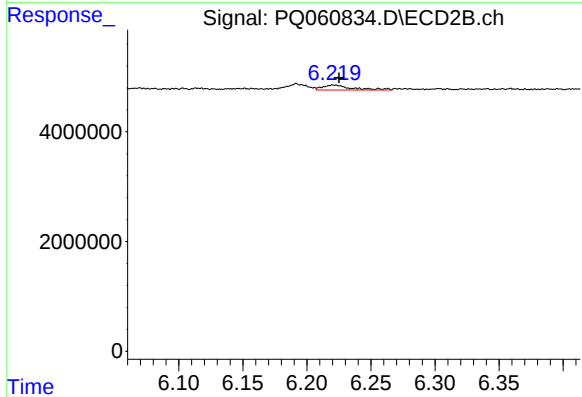
R.T.: 5.746 min
Delta R.T.: 0.016 min
Response: 630007
Conc: 1.98 ng/ml



#37 AR-1262-2

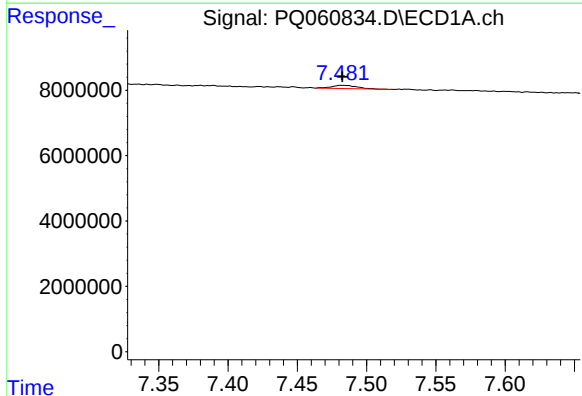
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 2101409
Conc: 2.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



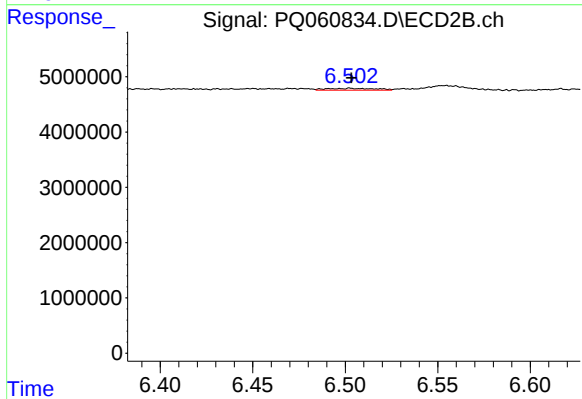
#37 AR-1262-2

R.T.: 6.221 min
Delta R.T.: -0.004 min
Response: 1433384
Conc: 2.46 ng/ml



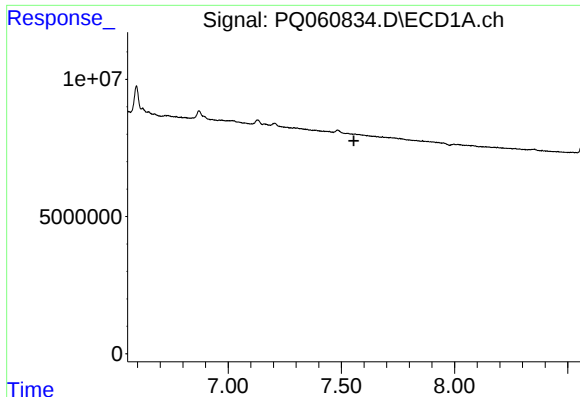
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 1322329
Conc: 2.51 ng/ml



#38 AR-1262-3

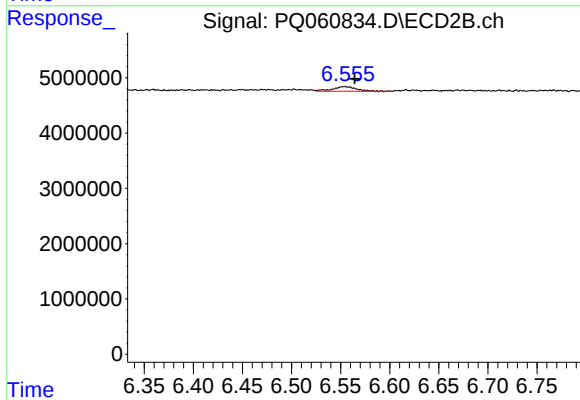
R.T.: 6.503 min
Delta R.T.: 0.000 min
Response: 587346
Conc: 2.47 ng/ml



#39 AR-1262-4

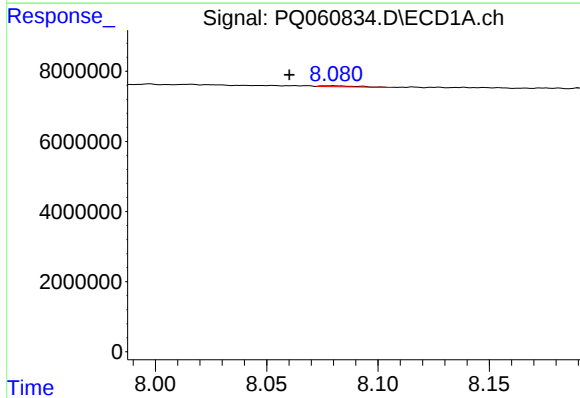
R.T.: 0.000 min
Exp R.T.: 7.555 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



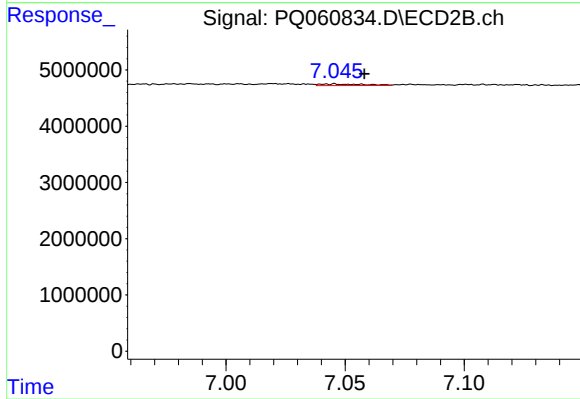
#39 AR-1262-4

R.T.: 6.554 min
Delta R.T.: -0.011 min
Response: 1401546
Conc: 3.17 ng/ml



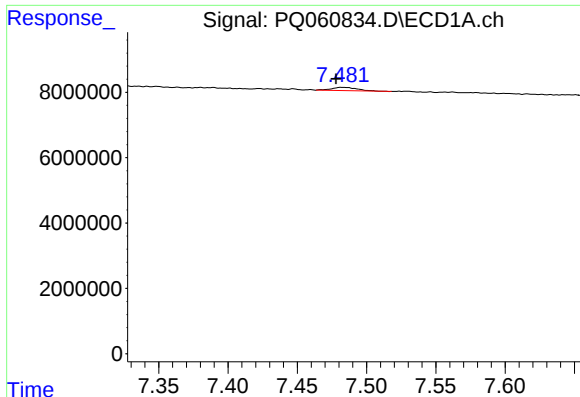
#40 AR-1262-5

R.T.: 8.080 min
Delta R.T.: 0.019 min
Response: 337811
Conc: 1.25 ng/ml



#40 AR-1262-5

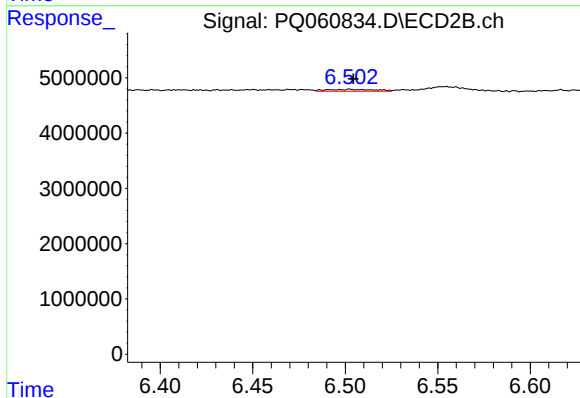
R.T.: 7.045 min
Delta R.T.: -0.013 min
Response: 379366
Conc: 1.79 ng/ml



#41 AR-1268-1

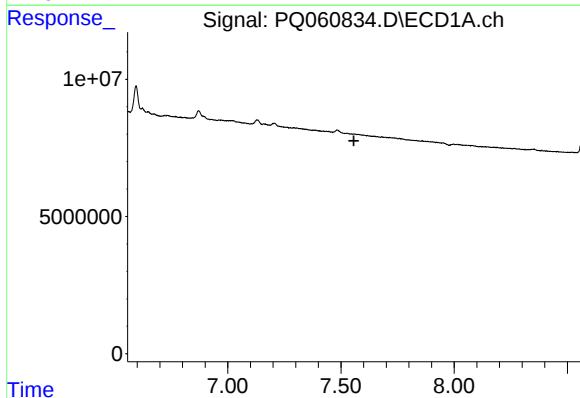
R.T.: 7.483 min
Delta R.T.: 0.005 min
Response: 1322329
Conc: 1.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



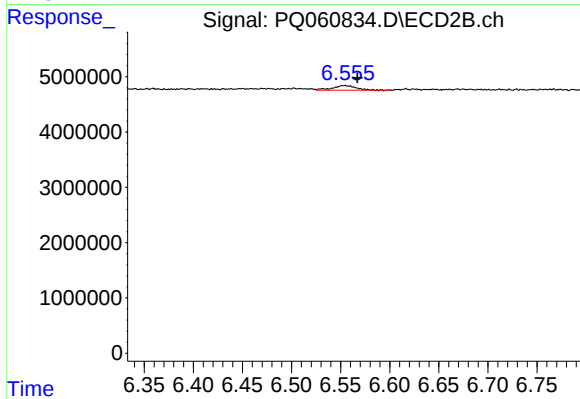
#41 AR-1268-1

R.T.: 6.503 min
Delta R.T.: -0.001 min
Response: 587346
Conc: 0.87 ng/ml



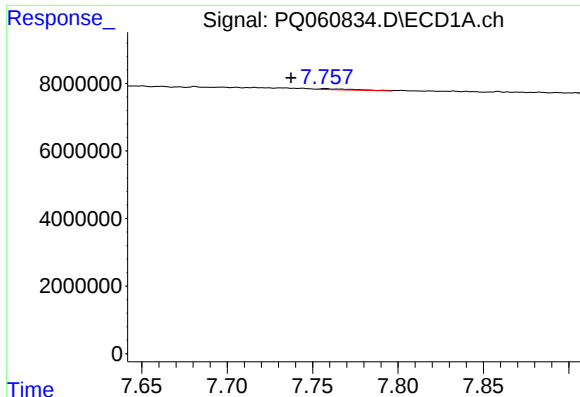
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.557 min
Response: 0
Conc: N.D.



#42 AR-1268-2

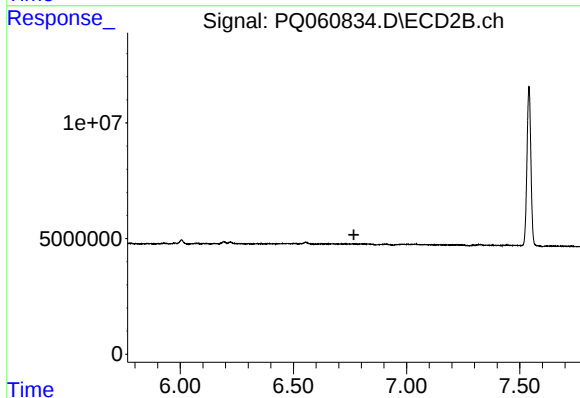
R.T.: 6.554 min
Delta R.T.: -0.013 min
Response: 1401546
Conc: 2.27 ng/ml



#43 AR-1268-3

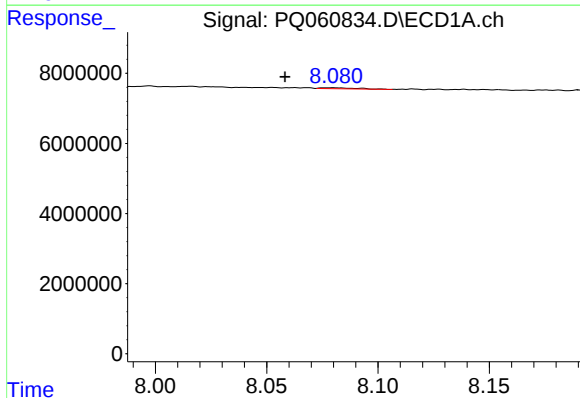
R.T.: 7.757 min
Delta R.T.: 0.020 min
Response: 469943
Conc: 0.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



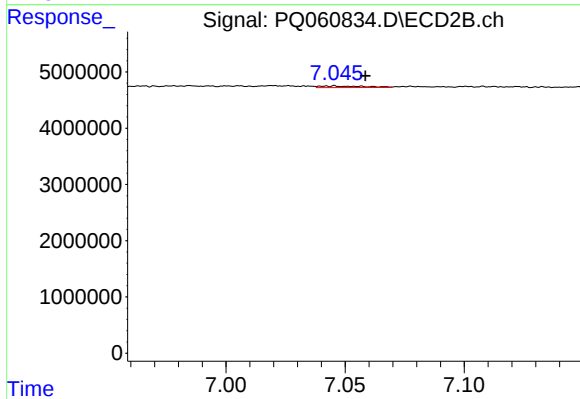
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 6.767 min
Response: 0
Conc: N.D.



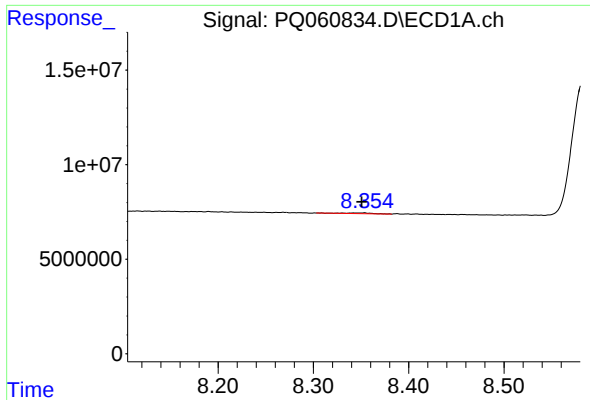
#44 AR-1268-4

R.T.: 8.080 min
Delta R.T.: 0.021 min
Response: 337811
Conc: 1.15 ng/ml



#44 AR-1268-4

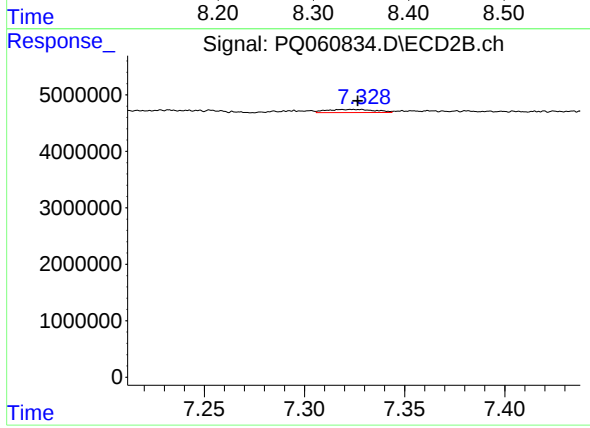
R.T.: 7.045 min
Delta R.T.: -0.013 min
Response: 379366
Conc: 1.63 ng/ml



#45 AR-1268-5

R.T.: 8.353 min
Delta R.T.: 0.003 min
Response: 707584
Conc: 0.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.324 min
Delta R.T.: -0.003 min
Response: 917716
Conc: 0.53 ng/ml