

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071222\
 Data File : PQ058537.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2022 19:58
 Operator : YP\AJ
 Sample : AR1232ICC400
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 06:06:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071222CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 14 12:27:52 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.690	4.050	178.8E6	135.8E6	25.418	24.299
2)	SA Decachlor...	10.603	9.174	258.5E6	147.5E6	46.217	44.556
Target Compounds							
3)	L1 AR-1016-1	5.873	5.149	30995544	29909388	205.024	191.600
4)	L1 AR-1016-2	5.895	5.169	56309705	44321881	216.310	197.564
5)	L1 AR-1016-3	5.958	5.349	38915954	21536931	241.000	194.917
6)	L1 AR-1016-4	6.058	5.387	30543438	16586323	226.853	174.281
7)	L1 AR-1016-5	6.351	5.604	24073645	21886191	205.196	187.324
8)	L2 AR-1221-1	4.904	4.264	22493627	16954699	287.397	285.610
9)	L2 AR-1221-2	4.991	4.352	18169929	13318433	331.322	325.088
10)	L2 AR-1221-3	5.070	4.430	60105093	51429576	343.553	356.116
11)	L3 AR-1232-1	5.070	4.430	60105093	51429576	379.628	390.060
12)	L3 AR-1232-2	5.604	5.169	26836144	44321881	350.000	378.280
13)	L3 AR-1232-3	5.895	5.349	56309705	21536931	400.640	392.553
14)	L3 AR-1232-4	6.058	5.430	30543438	20346369	430.882	386.823
15)	L3 AR-1232-5	6.144	5.604	19967799	21886191	441.391	384.018
16)	L4 AR-1242-1	5.873	5.149	30995544	29909388	224.830	215.752
17)	L4 AR-1242-2	5.895	5.169	56309705	44321881	234.248	221.642
18)	L4 AR-1242-3	5.958	5.349	38915954	21536931	245.012	218.019
19)	L4 AR-1242-4	6.058	5.430	30543438	20346369	232.203	200.186
20)	L4 AR-1242-5	6.796	5.956	24434018	24200038	214.386	207.324
21)	L5 AR-1248-1	5.873	5.149	30995544	29909388	263.729	258.391
22)	L5 AR-1248-2	6.144	5.387	19967799	16586323	118.605	99.465
23)	L5 AR-1248-3	6.351	5.430	24073645	20346369	119.093	117.769
24)	L5 AR-1248-4	6.757	5.604	21131369	21886191	106.645	110.350
25)	L5 AR-1248-5	6.796	5.999	24434018	20594778	115.558	116.043
26)	L6 AR-1254-1	6.729	5.956	15255919	24200038	73.267	80.038
27)	L6 AR-1254-2	6.956	6.103	18871612	6502886	60.631	25.016 #
28)	L6 AR-1254-3	7.317	6.512	9397151	7589476	26.214	18.949 #
29)	L6 AR-1254-4	7.603	6.738	4615730	4742619	21.267	18.518
30)	L6 AR-1254-5	8.020	7.158	2009520	1455687	7.720	4.772 #
31)	L7 AR-1260-1	7.475	6.630	1499903	2329367	8.517	11.637 #
32)	L7 AR-1260-2	7.735	6.824	3404083	1306684	16.255	5.614 #
33)	L7 AR-1260-3	8.020	6.984	2009520	1127222	7.599	5.269 #
34)	L7 AR-1260-4	8.326	7.459	1625080	702072	7.988	3.972 #
35)	L7 AR-1260-5	8.673	7.696	816789	869668	1.853	2.186
36)	L8 AR-1262-1	8.096	7.158	300110	1455687	0.920	9.028 #
37)	L8 AR-1262-2	8.673	7.696	816789	869668	1.277	1.557
38)	L8 AR-1262-3	9.002	7.981	432970	465497	1.238	2.137 #
39)	L8 AR-1262-4	9.080	8.039	407210	644512	1.302	1.615
40)	L8 AR-1262-5	9.869f	8.499f	187565	332606	0.740	2.097 #
41)	L9 AR-1268-1	9.002	7.981	432970	465497	0.418	0.599 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071222\
 Data File : PQ058537.D
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 Acq On : 12 Jul 2022 19:58
 Operator : YP\AJ
 Sample : AR1232ICC400
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

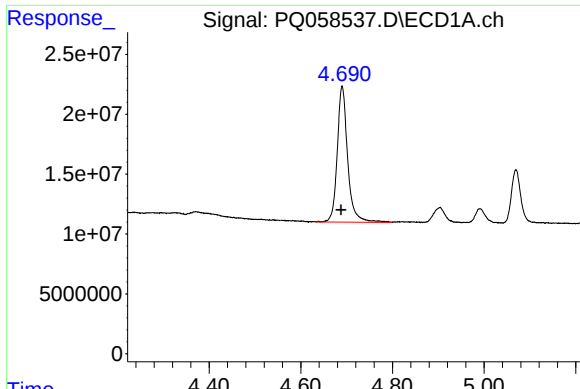
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 06:06:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071222CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 14 12:27:52 2022
 Response via : Initial Calibration
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.080	8.039	407210	644512	0.375	0.913 #
43) L9	AR-1268-3	9.333	8.262	1428029	550916	1.447	0.898 #
44) L9	AR-1268-4	9.869f	8.499f	187565	332606	0.565	1.562 #
45) L9	AR-1268-5	10.246	8.890	2442368	1054581	0.811	0.573 #

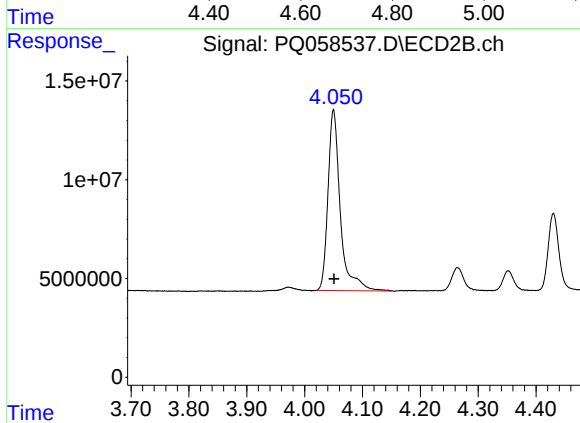
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

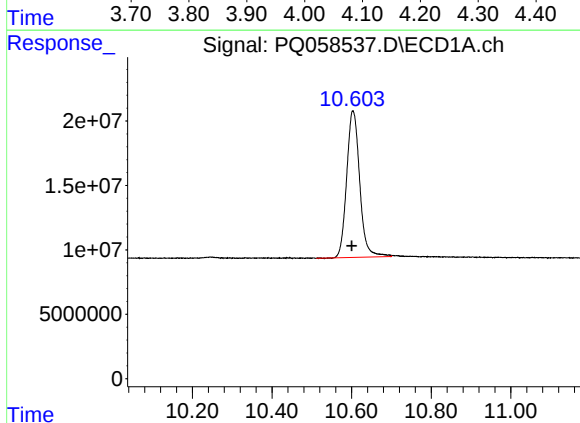
R.T.: 4.690 min
Delta R.T.: 0.002 min
Response: 178842143
Conc: 25.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



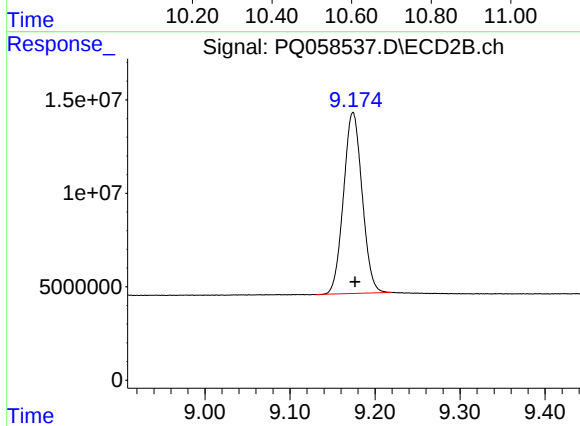
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: -0.001 min
Response: 135836639
Conc: 24.30 ng/ml



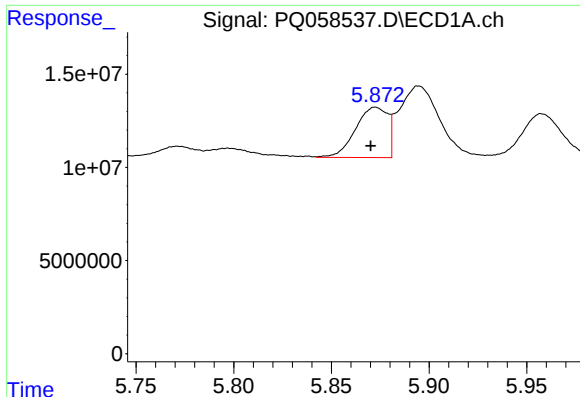
#2 Decachlorobiphenyl

R.T.: 10.603 min
Delta R.T.: 0.003 min
Response: 258543965
Conc: 46.22 ng/ml



#2 Decachlorobiphenyl

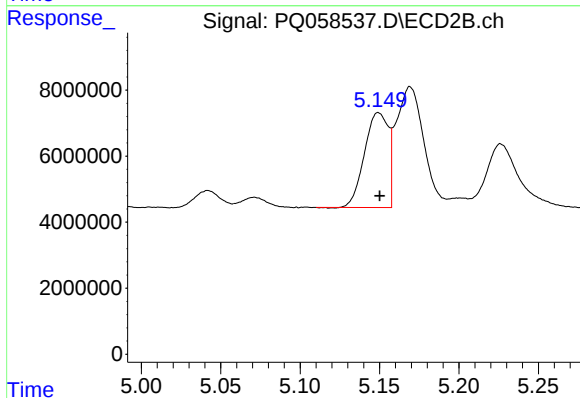
R.T.: 9.174 min
Delta R.T.: -0.002 min
Response: 147531609
Conc: 44.56 ng/ml



#3 AR-1016-1

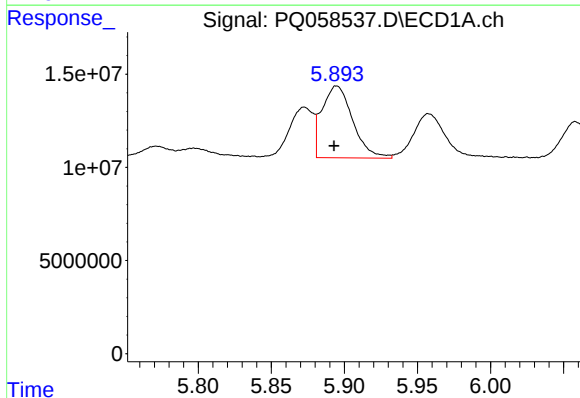
R.T.: 5.873 min
Delta R.T.: 0.002 min
Response: 30995544
Conc: 205.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



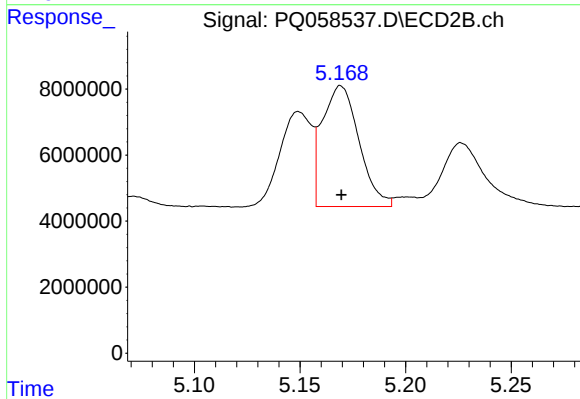
#3 AR-1016-1

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 29909388
Conc: 191.60 ng/ml



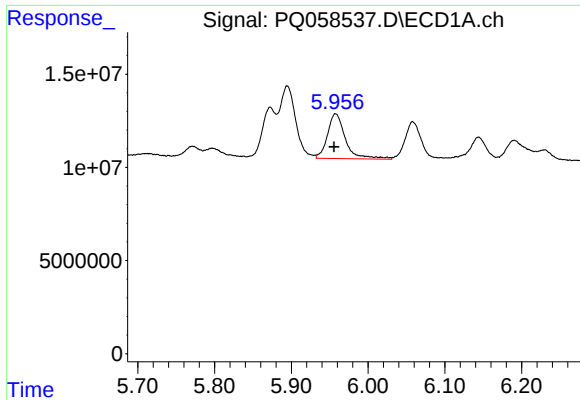
#4 AR-1016-2

R.T.: 5.895 min
Delta R.T.: 0.002 min
Response: 56309705
Conc: 216.31 ng/ml



#4 AR-1016-2

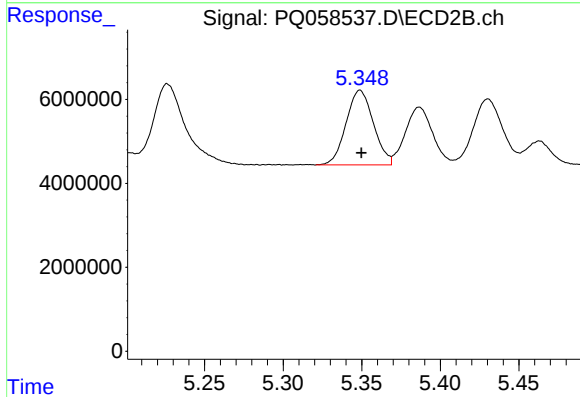
R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 44321881
Conc: 197.56 ng/ml



#5 AR-1016-3

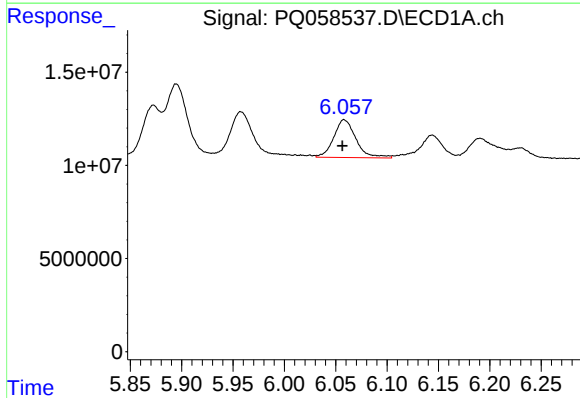
R.T.: 5.958 min
Delta R.T.: 0.002 min
Response: 38915954
Conc: 241.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



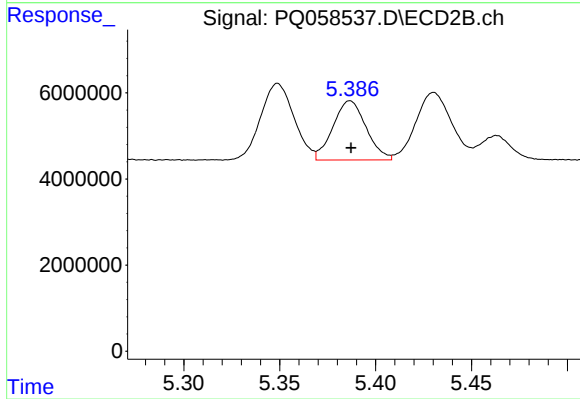
#5 AR-1016-3

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 21536931
Conc: 194.92 ng/ml



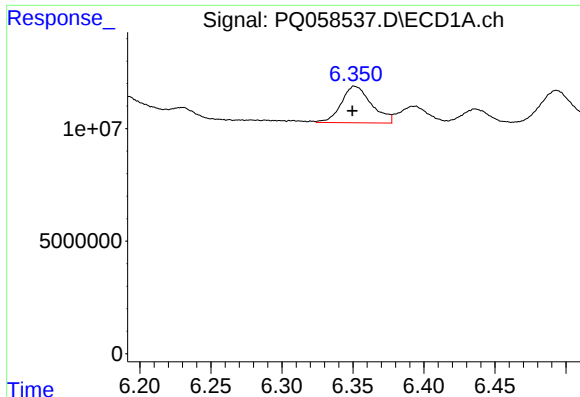
#6 AR-1016-4

R.T.: 6.058 min
Delta R.T.: 0.001 min
Response: 30543438
Conc: 226.85 ng/ml



#6 AR-1016-4

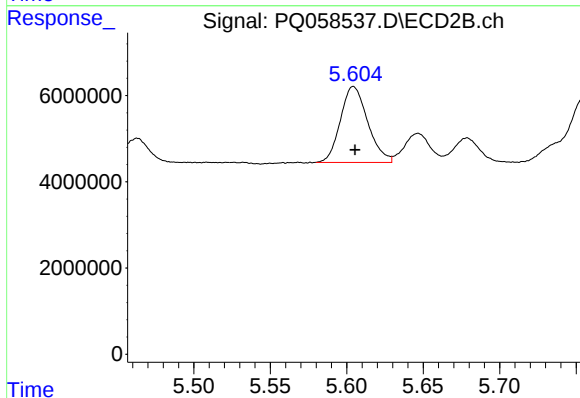
R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 16586323
Conc: 174.28 ng/ml



#7 AR-1016-5

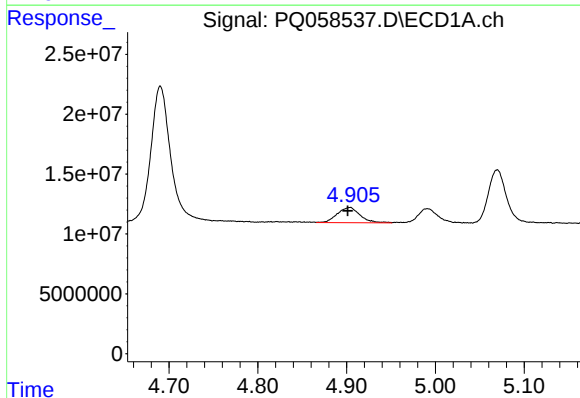
R.T.: 6.351 min
Delta R.T.: 0.002 min
Response: 24073645
Conc: 205.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



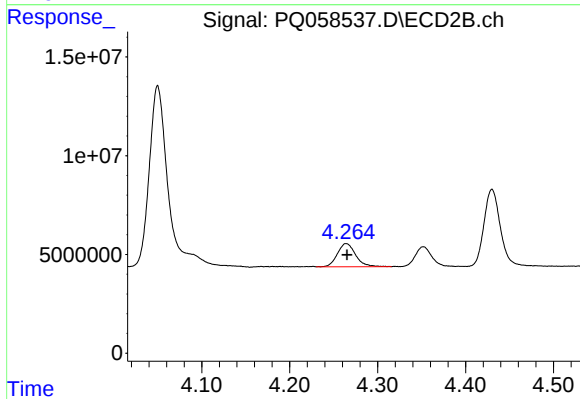
#7 AR-1016-5

R.T.: 5.604 min
Delta R.T.: -0.001 min
Response: 21886191
Conc: 187.32 ng/ml



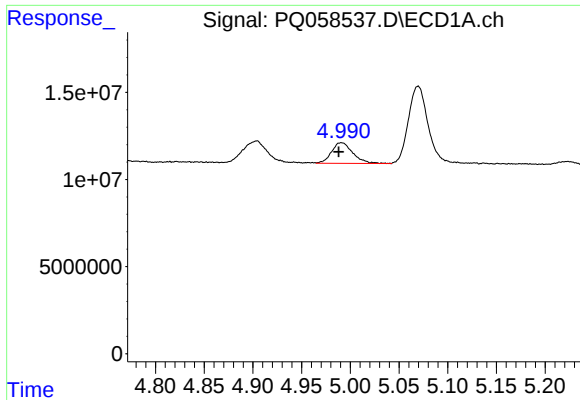
#8 AR-1221-1

R.T.: 4.904 min
Delta R.T.: 0.003 min
Response: 22493627
Conc: 287.40 ng/ml



#8 AR-1221-1

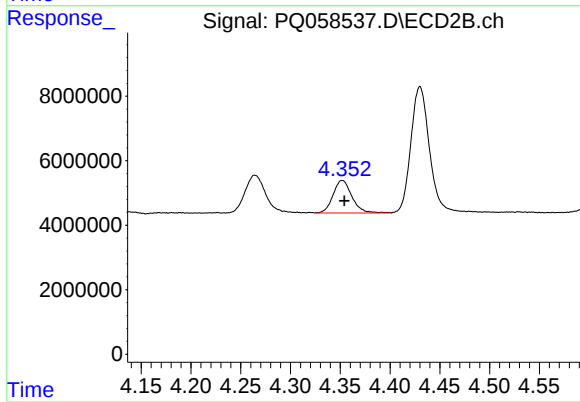
R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 16954699
Conc: 285.61 ng/ml



#9 AR-1221-2

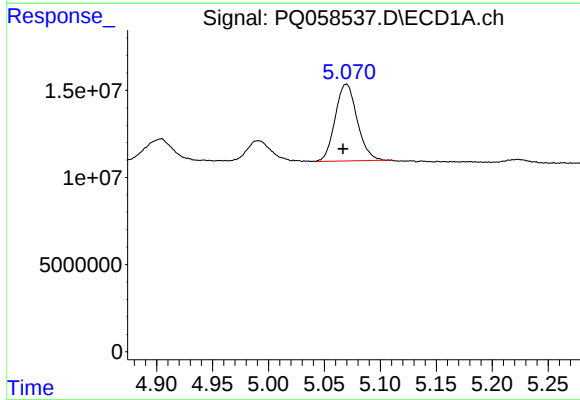
R.T.: 4.991 min
Delta R.T.: 0.003 min
Response: 18169929
Conc: 331.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



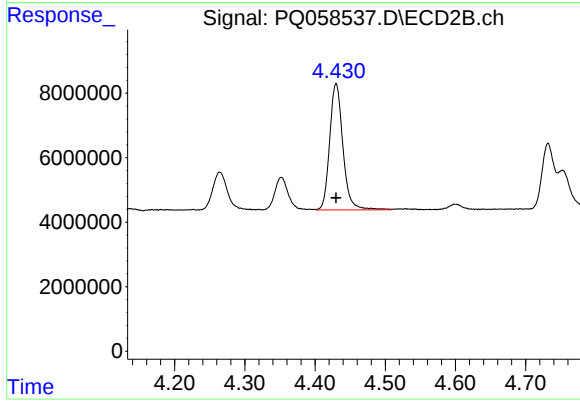
#9 AR-1221-2

R.T.: 4.352 min
Delta R.T.: -0.002 min
Response: 13318433
Conc: 325.09 ng/ml



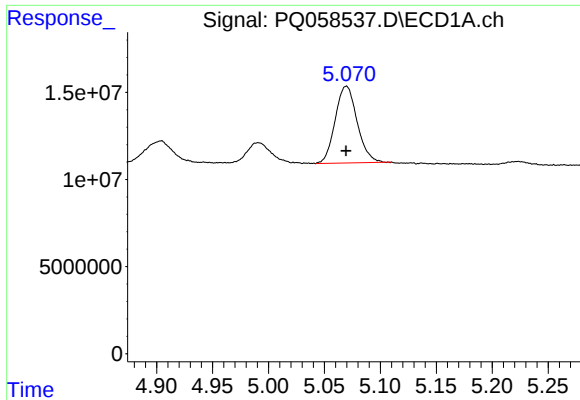
#10 AR-1221-3

R.T.: 5.070 min
Delta R.T.: 0.003 min
Response: 60105093
Conc: 343.55 ng/ml



#10 AR-1221-3

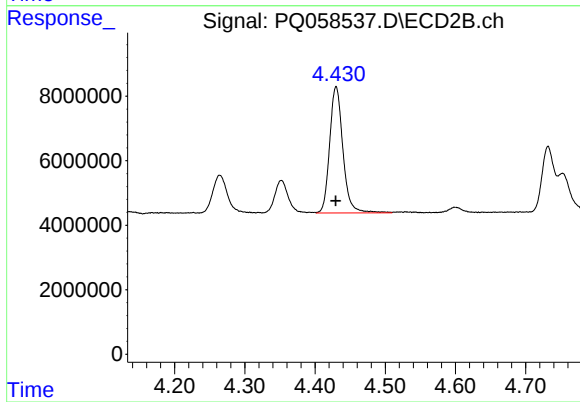
R.T.: 4.430 min
Delta R.T.: 0.000 min
Response: 51429576
Conc: 356.12 ng/ml



#11 AR-1232-1

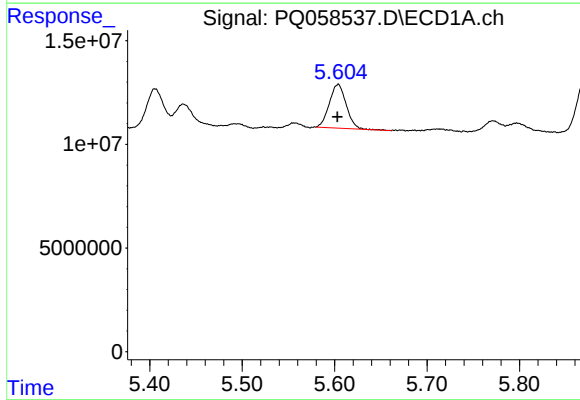
R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 60105093
Conc: 379.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



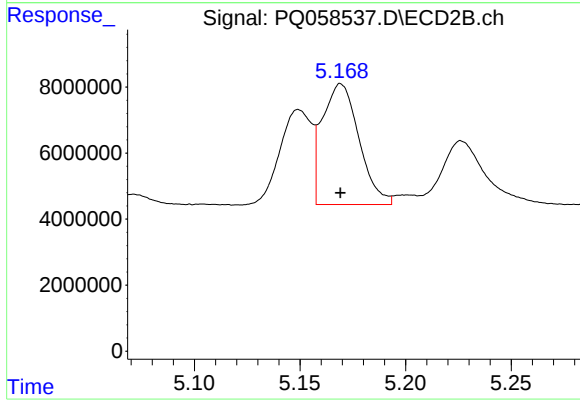
#11 AR-1232-1

R.T.: 4.430 min
Delta R.T.: 0.000 min
Response: 51429576
Conc: 390.06 ng/ml



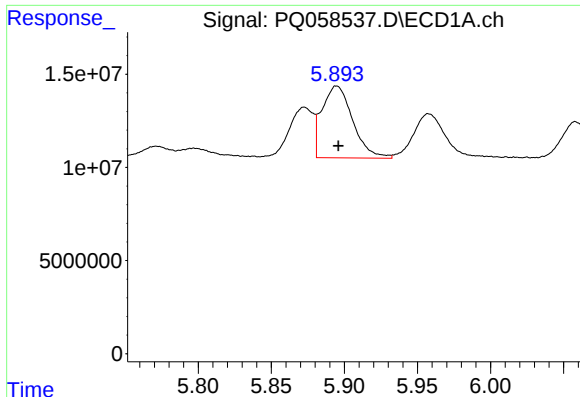
#12 AR-1232-2

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 26836144
Conc: 350.00 ng/ml



#12 AR-1232-2

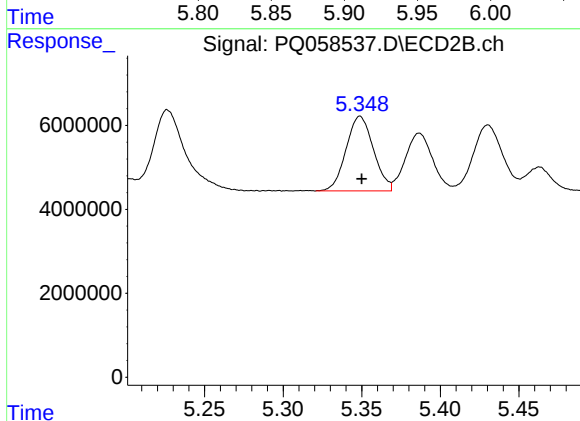
R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 44321881
Conc: 378.28 ng/ml



#13 AR-1232-3

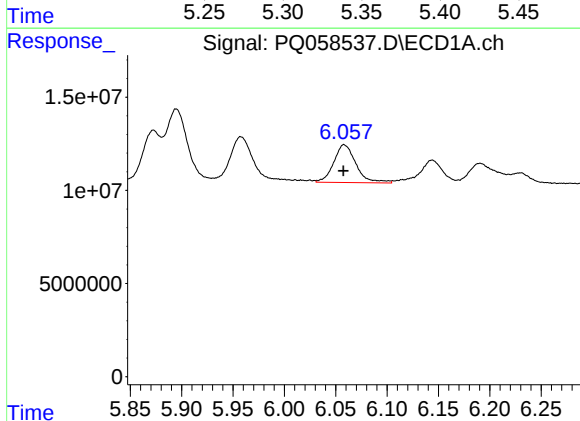
R.T.: 5.895 min
Delta R.T.: -0.001 min
Response: 56309705
Conc: 400.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



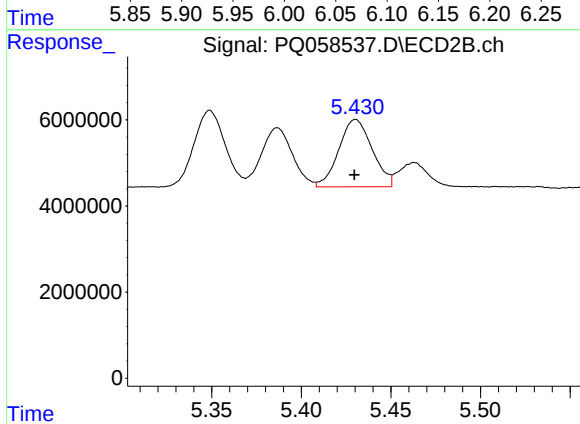
#13 AR-1232-3

R.T.: 5.349 min
Delta R.T.: -0.001 min
Response: 21536931
Conc: 392.55 ng/ml



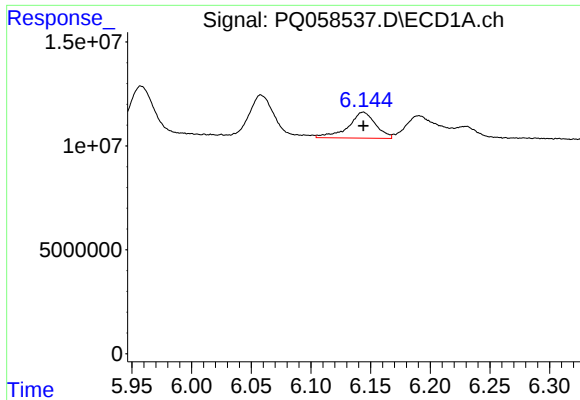
#14 AR-1232-4

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 30543438
Conc: 430.88 ng/ml



#14 AR-1232-4

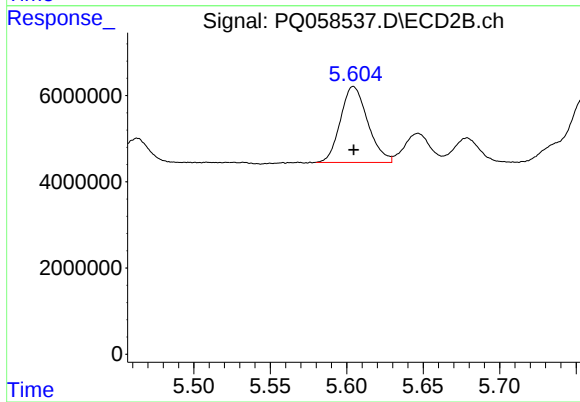
R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 20346369
Conc: 386.82 ng/ml



#15 AR-1232-5

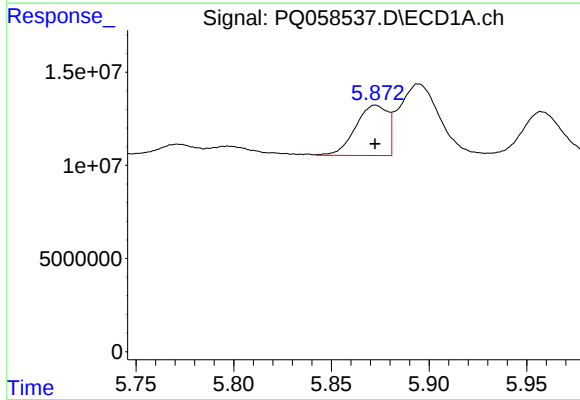
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 19967799
Conc: 441.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



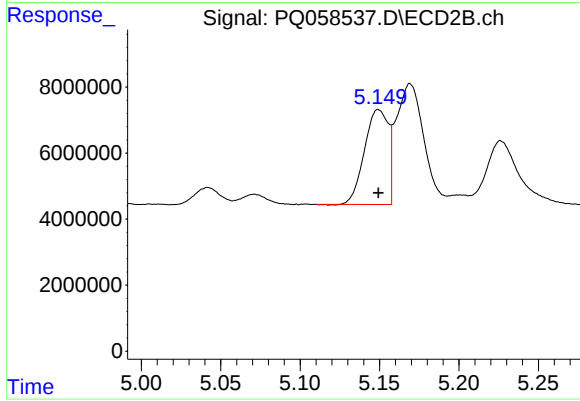
#15 AR-1232-5

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 21886191
Conc: 384.02 ng/ml



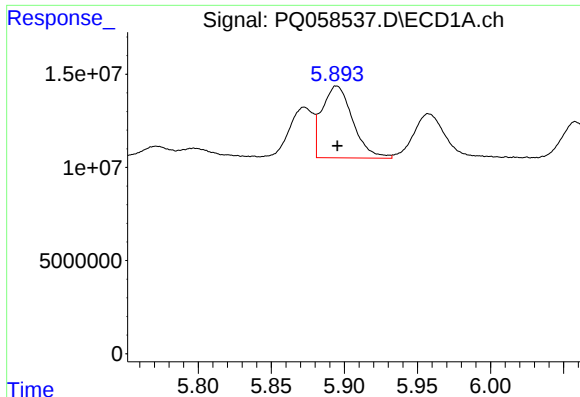
#16 AR-1242-1

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 30995544
Conc: 224.83 ng/ml



#16 AR-1242-1

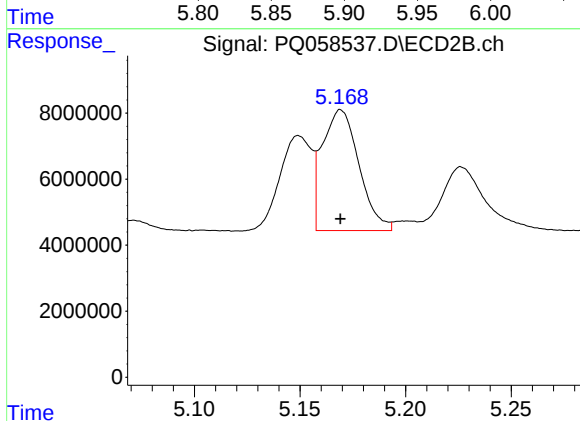
R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 29909388
Conc: 215.75 ng/ml



#17 AR-1242-2

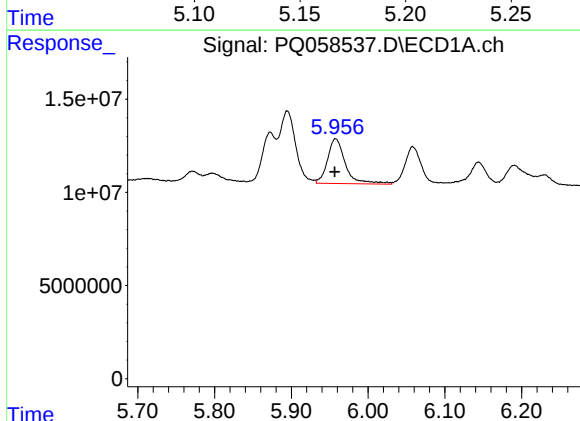
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 56309705
Conc: 234.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



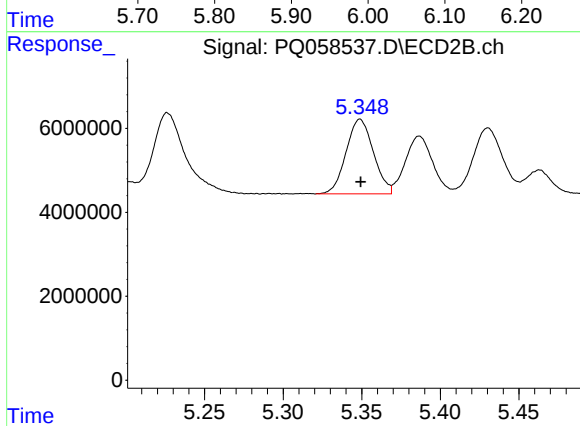
#17 AR-1242-2

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 44321881
Conc: 221.64 ng/ml



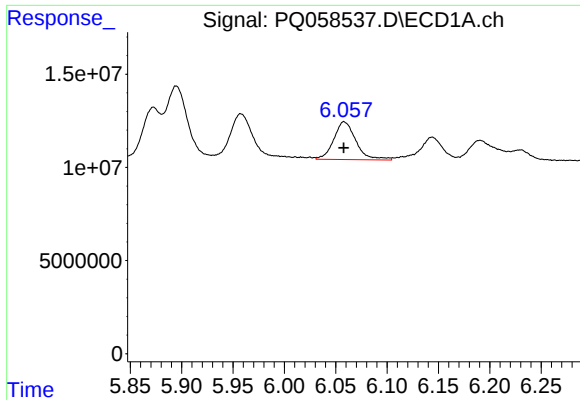
#18 AR-1242-3

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 38915954
Conc: 245.01 ng/ml



#18 AR-1242-3

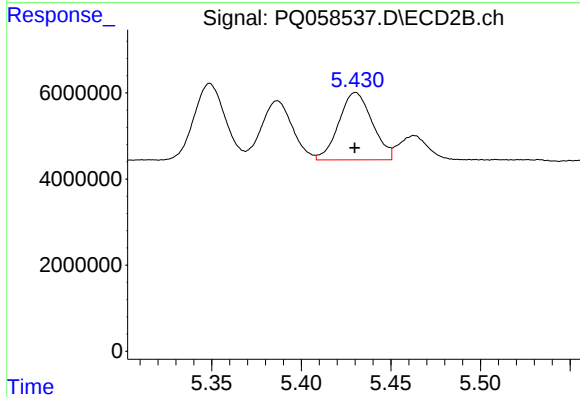
R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 21536931
Conc: 218.02 ng/ml



#19 AR-1242-4

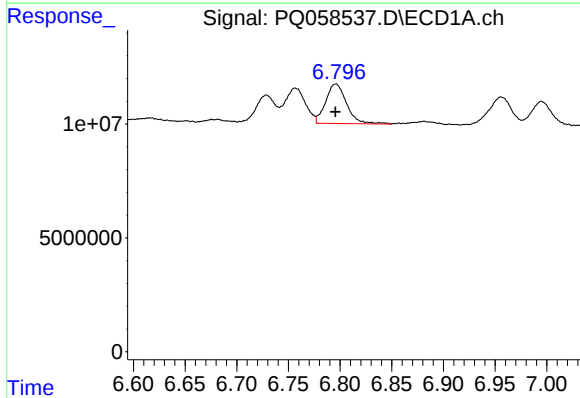
R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 30543438
Conc: 232.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



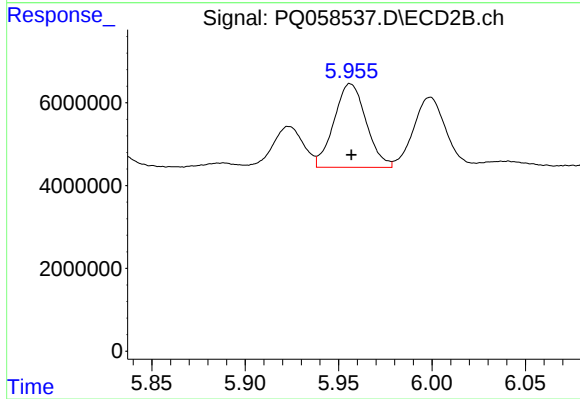
#19 AR-1242-4

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 20346369
Conc: 200.19 ng/ml



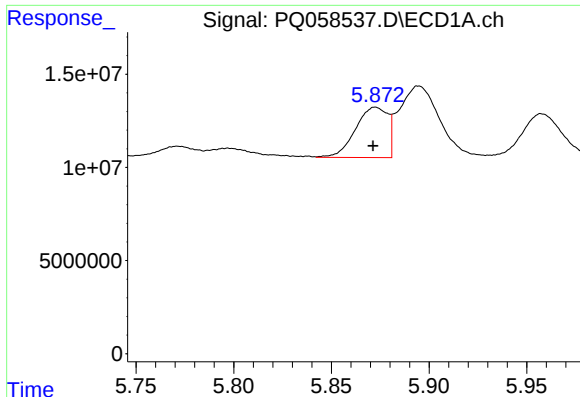
#20 AR-1242-5

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 24434018
Conc: 214.39 ng/ml



#20 AR-1242-5

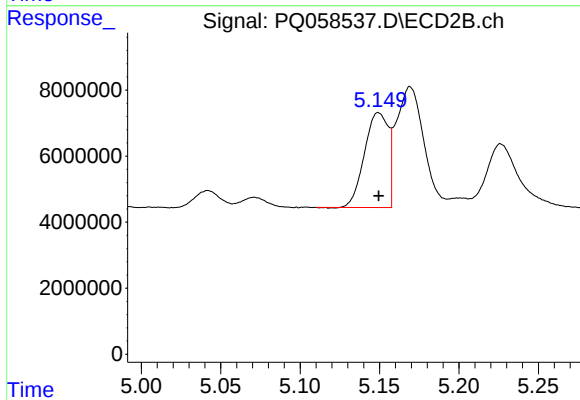
R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 24200038
Conc: 207.32 ng/ml



#21 AR-1248-1

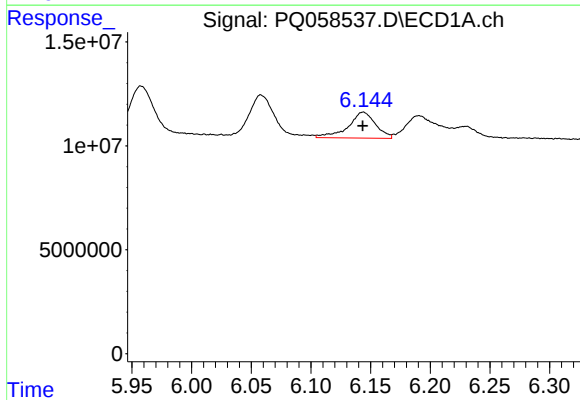
R.T.: 5.873 min
Delta R.T.: 0.001 min
Response: 30995544
Conc: 263.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



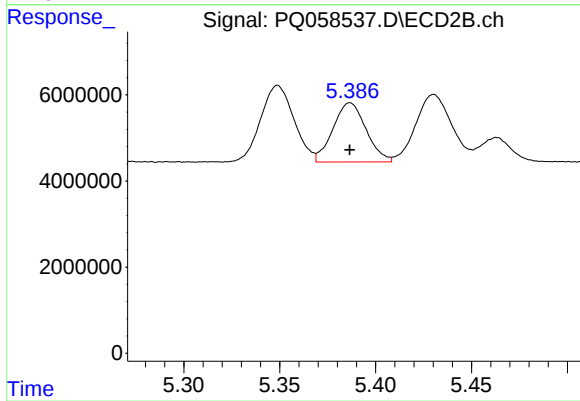
#21 AR-1248-1

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 29909388
Conc: 258.39 ng/ml



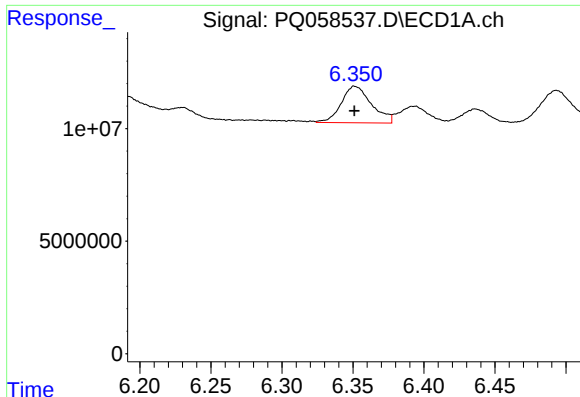
#22 AR-1248-2

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 19967799
Conc: 118.60 ng/ml



#22 AR-1248-2

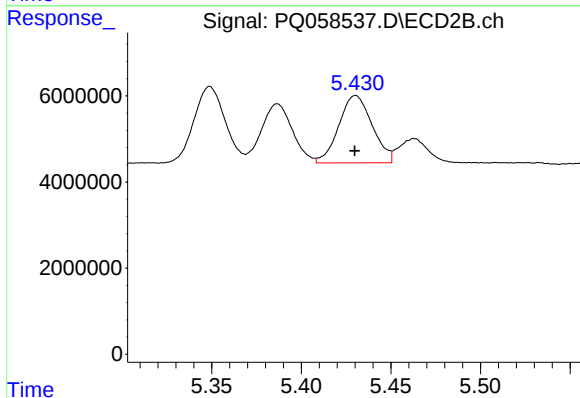
R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 16586323
Conc: 99.46 ng/ml



#23 AR-1248-3

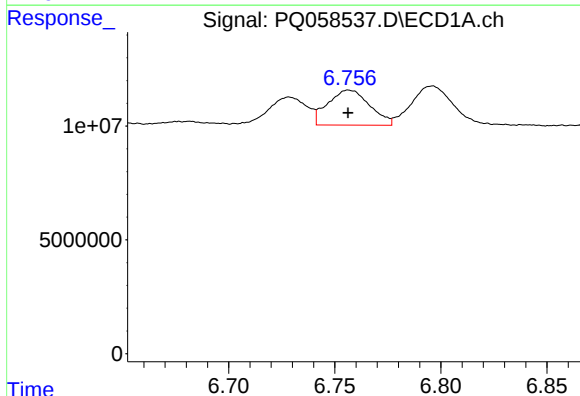
R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 24073645
Conc: 119.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



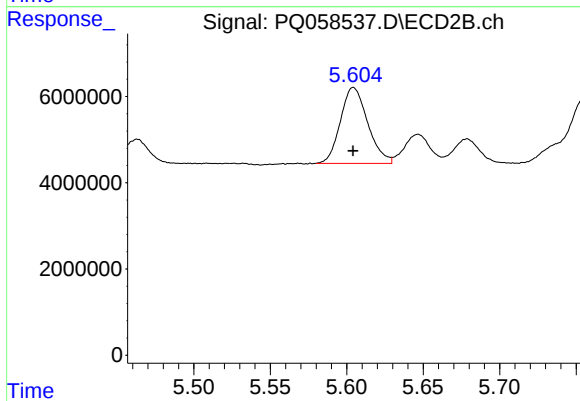
#23 AR-1248-3

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 20346369
Conc: 117.77 ng/ml



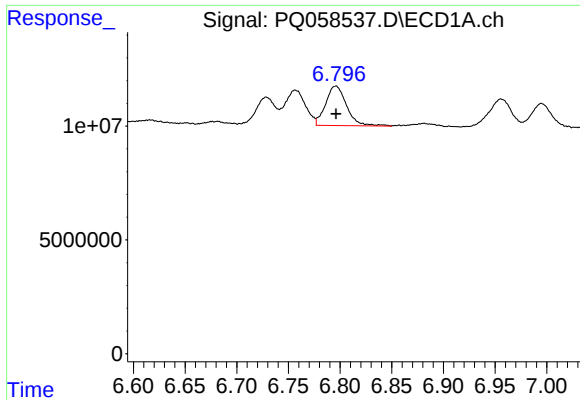
#24 AR-1248-4

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 21131369
Conc: 106.64 ng/ml



#24 AR-1248-4

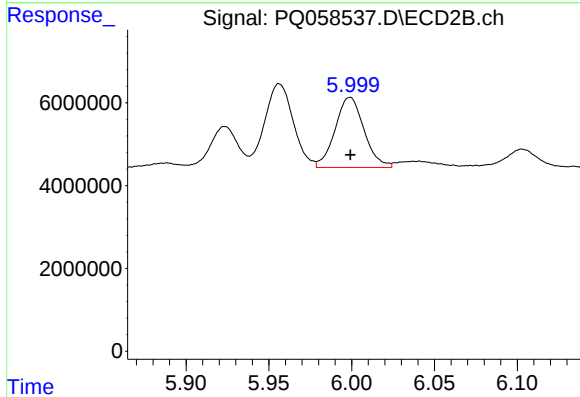
R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 21886191
Conc: 110.35 ng/ml



#25 AR-1248-5

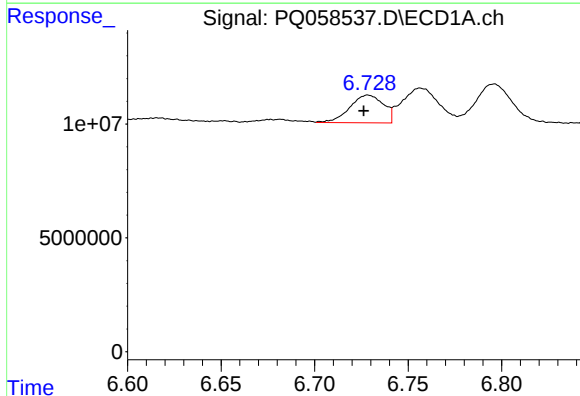
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 24434018
Conc: 115.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



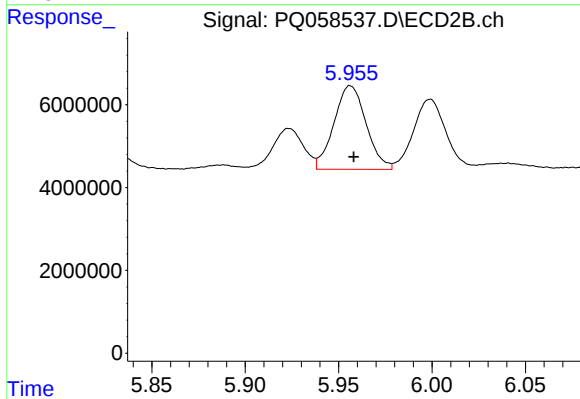
#25 AR-1248-5

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 20594778
Conc: 116.04 ng/ml



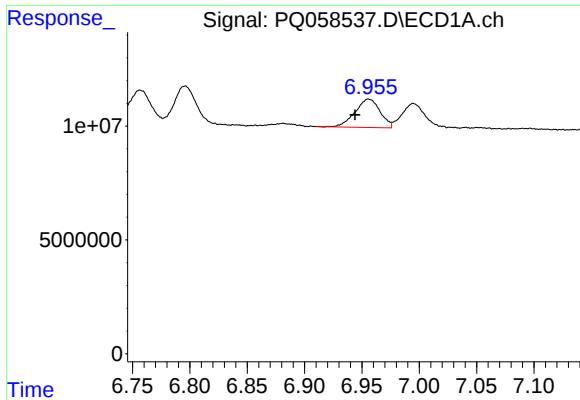
#26 AR-1254-1

R.T.: 6.729 min
Delta R.T.: 0.002 min
Response: 15255919
Conc: 73.27 ng/ml



#26 AR-1254-1

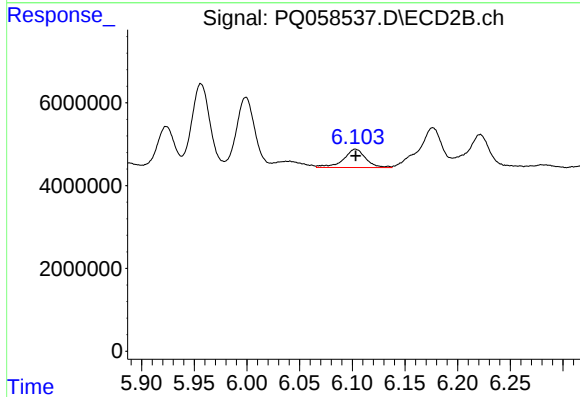
R.T.: 5.956 min
Delta R.T.: -0.002 min
Response: 24200038
Conc: 80.04 ng/ml



#27 AR-1254-2

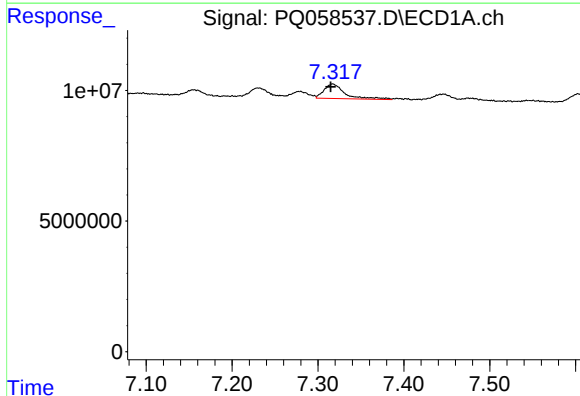
R.T.: 6.956 min
Delta R.T.: 0.012 min
Response: 18871612
Conc: 60.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



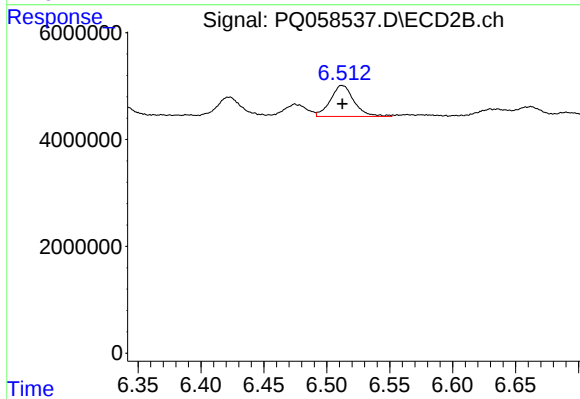
#27 AR-1254-2

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 6502886
Conc: 25.02 ng/ml



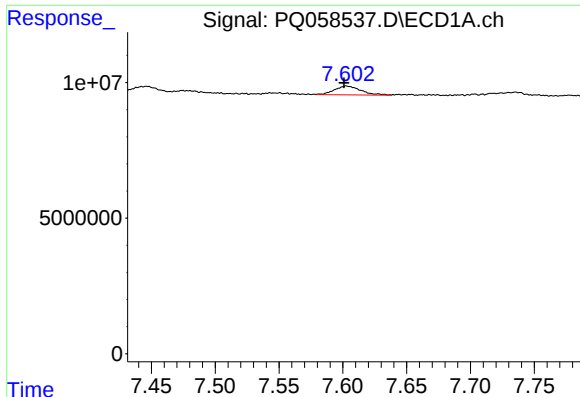
#28 AR-1254-3

R.T.: 7.317 min
Delta R.T.: 0.003 min
Response: 9397151
Conc: 26.21 ng/ml



#28 AR-1254-3

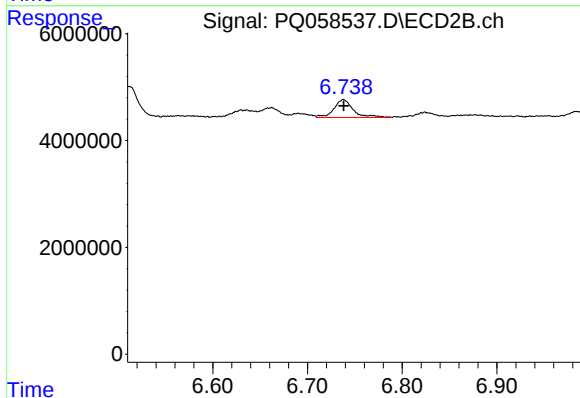
R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 7589476
Conc: 18.95 ng/ml



#29 AR-1254-4

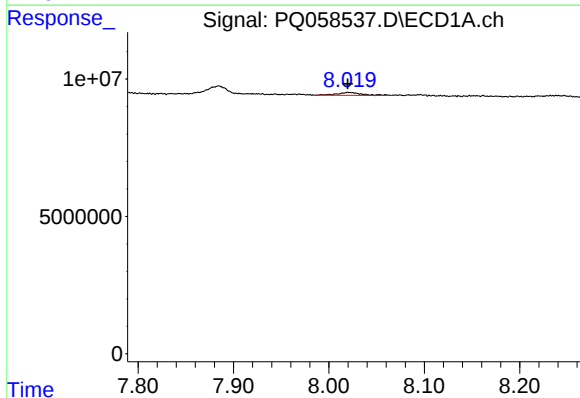
R.T.: 7.603 min
Delta R.T.: 0.002 min
Response: 4615730
Conc: 21.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



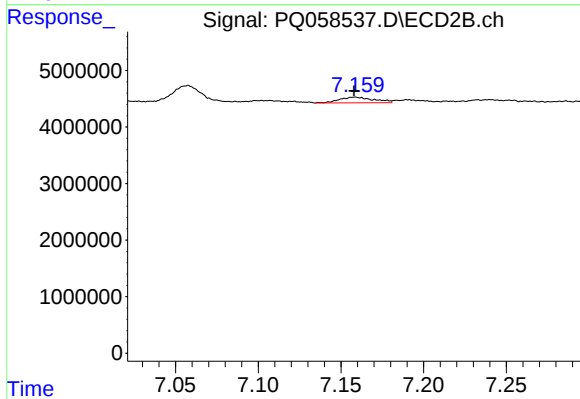
#29 AR-1254-4

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 4742619
Conc: 18.52 ng/ml



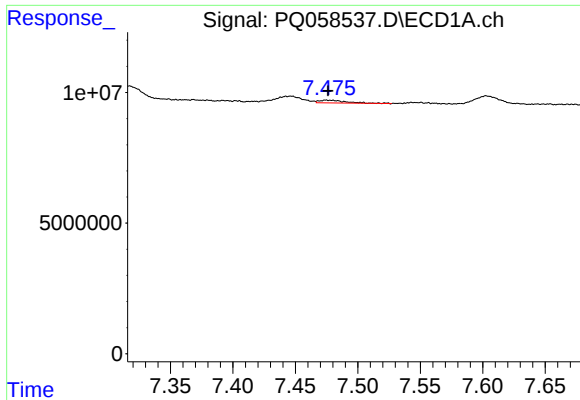
#30 AR-1254-5

R.T.: 8.020 min
Delta R.T.: 0.000 min
Response: 2009520
Conc: 7.72 ng/ml



#30 AR-1254-5

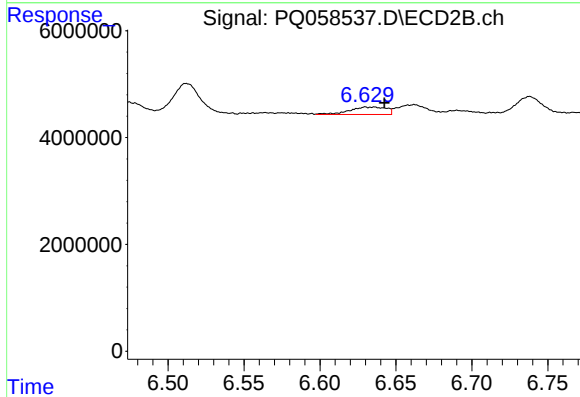
R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 1455687
Conc: 4.77 ng/ml



#31 AR-1260-1

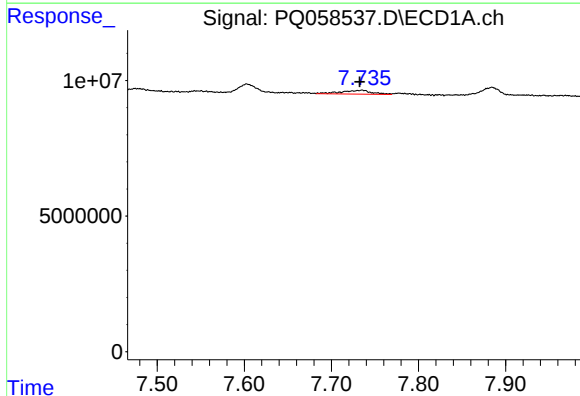
R.T.: 7.475 min
Delta R.T.: -0.001 min
Response: 1499903
Conc: 8.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



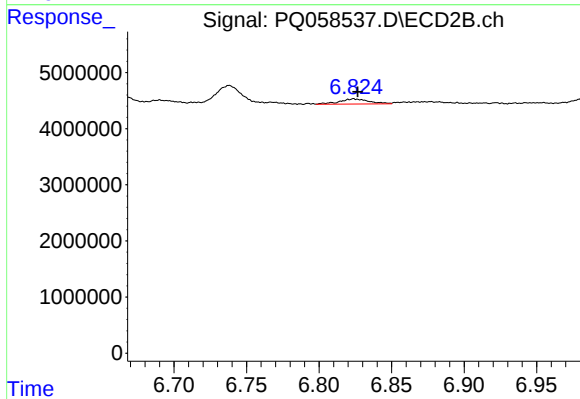
#31 AR-1260-1

R.T.: 6.630 min
Delta R.T.: -0.012 min
Response: 2329367
Conc: 11.64 ng/ml



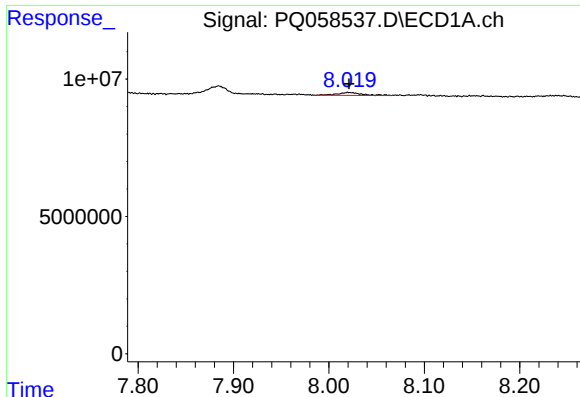
#32 AR-1260-2

R.T.: 7.735 min
Delta R.T.: 0.003 min
Response: 3404083
Conc: 16.25 ng/ml



#32 AR-1260-2

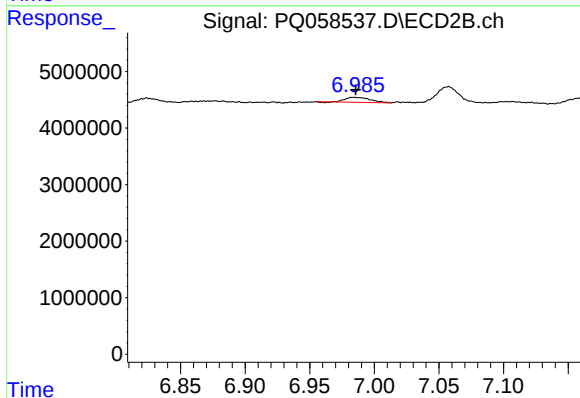
R.T.: 6.824 min
Delta R.T.: -0.002 min
Response: 1306684
Conc: 5.61 ng/ml



#33 AR-1260-3

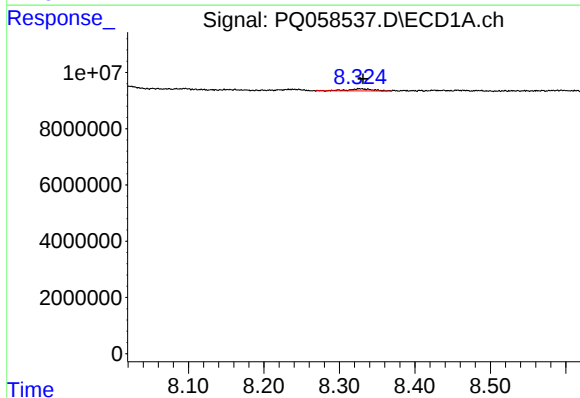
R.T.: 8.020 min
Delta R.T.: 0.000 min
Response: 2009520
Conc: 7.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



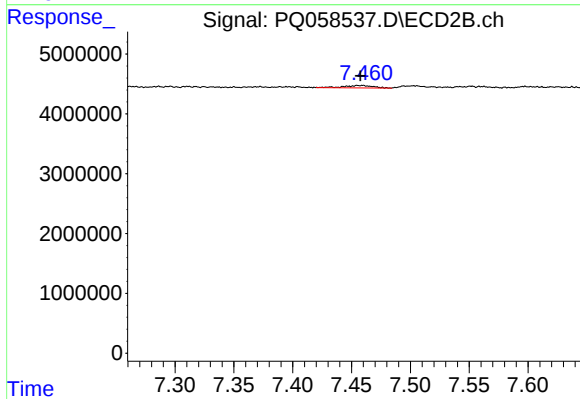
#33 AR-1260-3

R.T.: 6.984 min
Delta R.T.: -0.002 min
Response: 1127222
Conc: 5.27 ng/ml



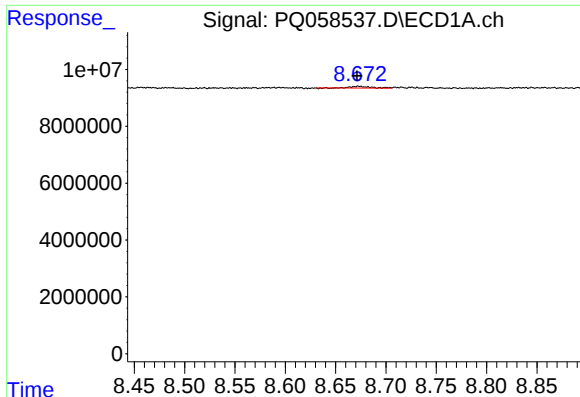
#34 AR-1260-4

R.T.: 8.326 min
Delta R.T.: -0.005 min
Response: 1625080
Conc: 7.99 ng/ml



#34 AR-1260-4

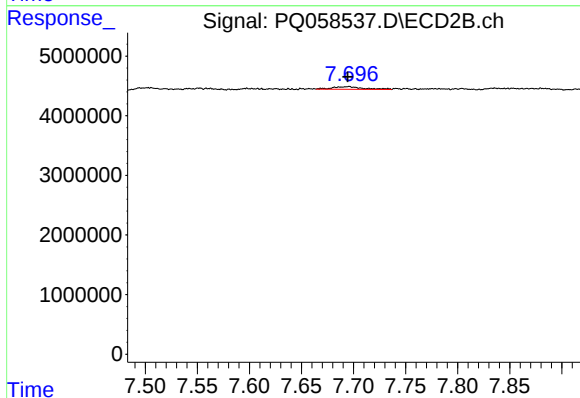
R.T.: 7.459 min
Delta R.T.: 0.002 min
Response: 702072
Conc: 3.97 ng/ml



#35 AR-1260-5

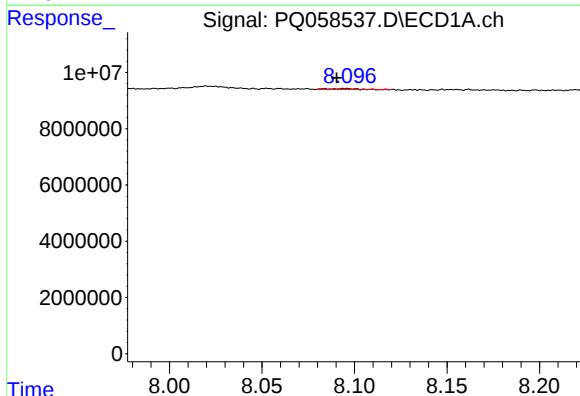
R.T.: 8.673 min
Delta R.T.: 0.002 min
Response: 816789
Conc: 1.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



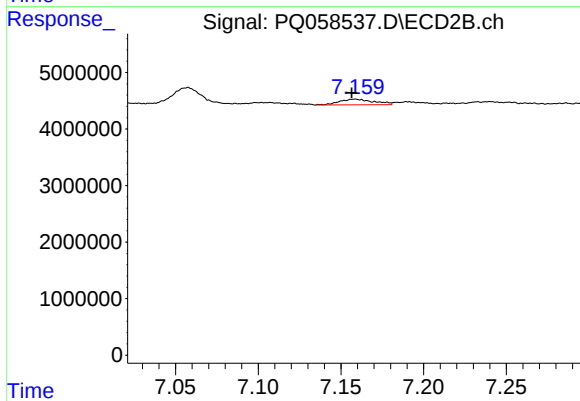
#35 AR-1260-5

R.T.: 7.696 min
Delta R.T.: 0.001 min
Response: 869668
Conc: 2.19 ng/ml



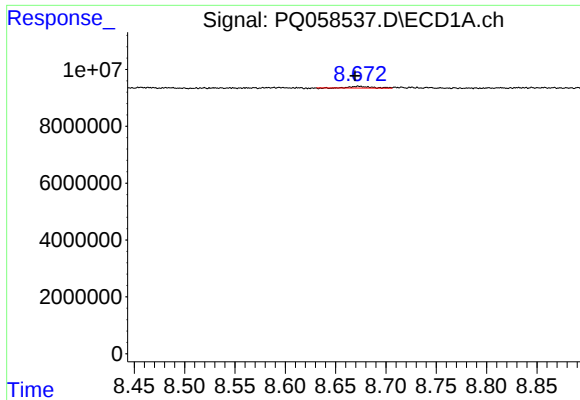
#36 AR-1262-1

R.T.: 8.096 min
Delta R.T.: 0.005 min
Response: 300110
Conc: 0.92 ng/ml



#36 AR-1262-1

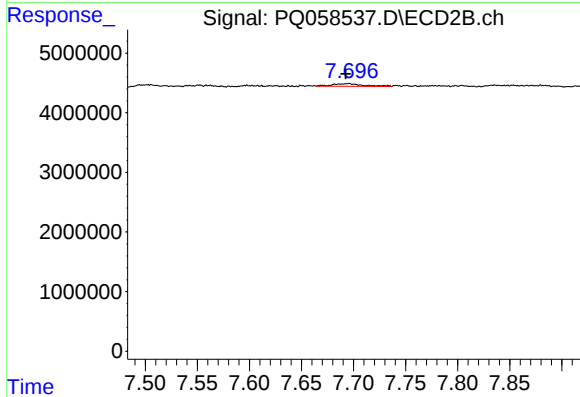
R.T.: 7.158 min
Delta R.T.: 0.002 min
Response: 1455687
Conc: 9.03 ng/ml



#37 AR-1262-2

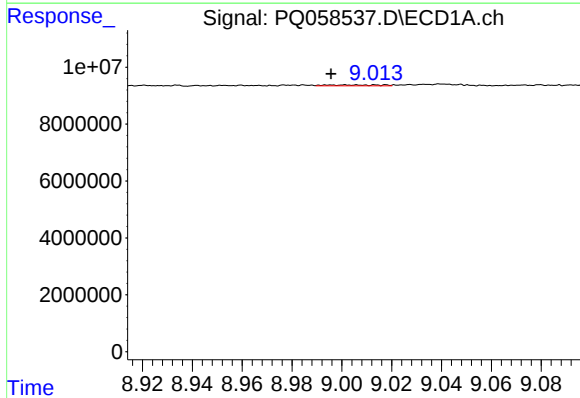
R.T.: 8.673 min
Delta R.T.: 0.004 min
Response: 816789
Conc: 1.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



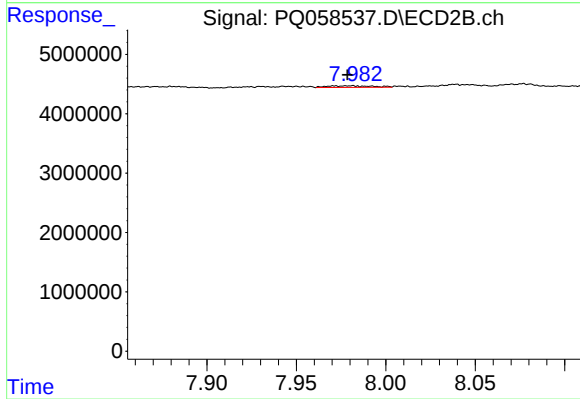
#37 AR-1262-2

R.T.: 7.696 min
Delta R.T.: 0.003 min
Response: 869668
Conc: 1.56 ng/ml



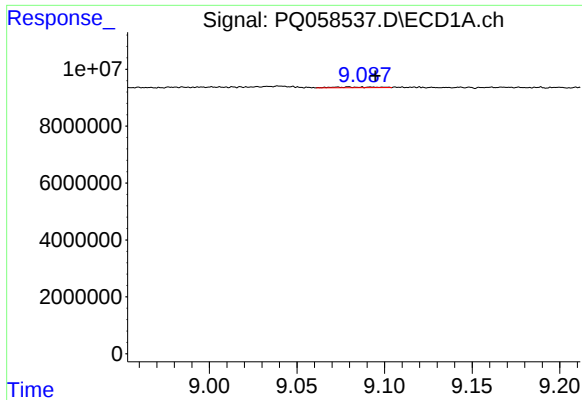
#38 AR-1262-3

R.T.: 9.002 min
Delta R.T.: 0.006 min
Response: 432970
Conc: 1.24 ng/ml



#38 AR-1262-3

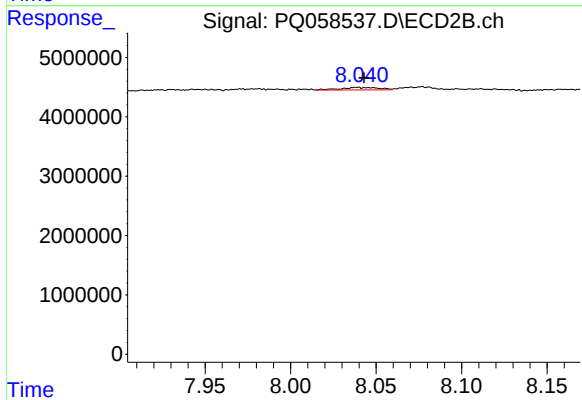
R.T.: 7.981 min
Delta R.T.: 0.003 min
Response: 465497
Conc: 2.14 ng/ml



#39 AR-1262-4

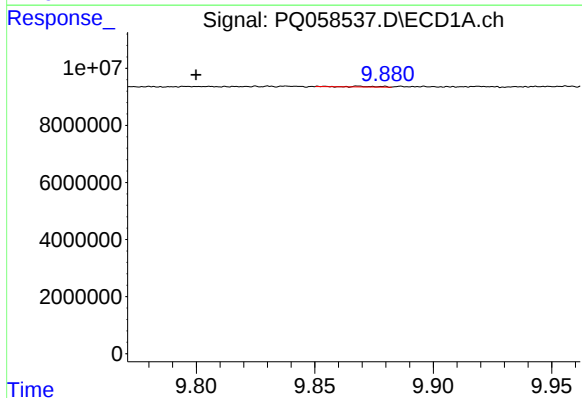
R.T.: 9.080 min
Delta R.T.: -0.015 min
Response: 407210
Conc: 1.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



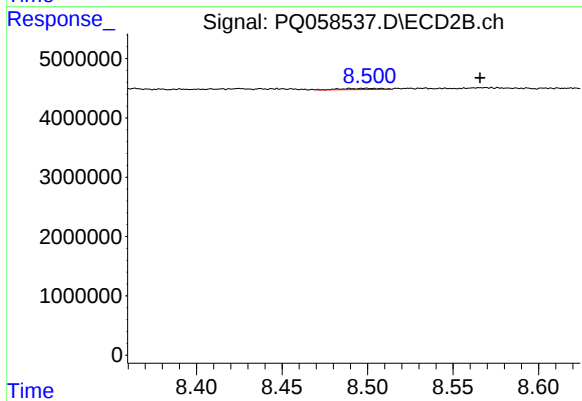
#39 AR-1262-4

R.T.: 8.039 min
Delta R.T.: -0.004 min
Response: 644512
Conc: 1.62 ng/ml



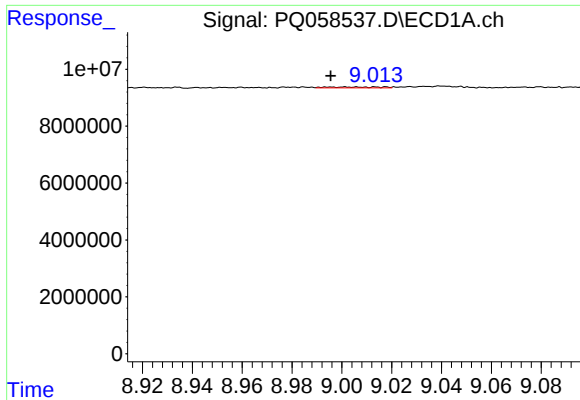
#40 AR-1262-5

R.T.: 9.869 min
Delta R.T.: 0.069 min
Response: 187565
Conc: 0.74 ng/ml



#40 AR-1262-5

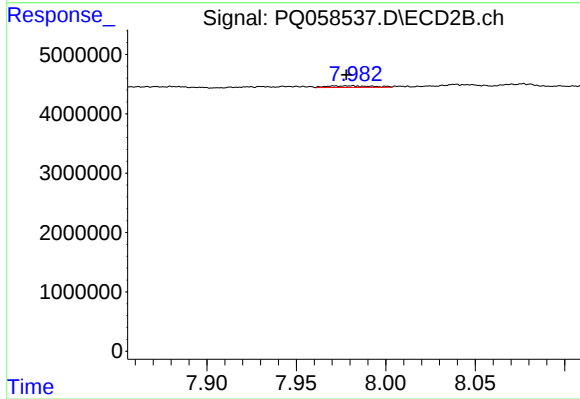
R.T.: 8.499 min
Delta R.T.: -0.067 min
Response: 332606
Conc: 2.10 ng/ml



#41 AR-1268-1

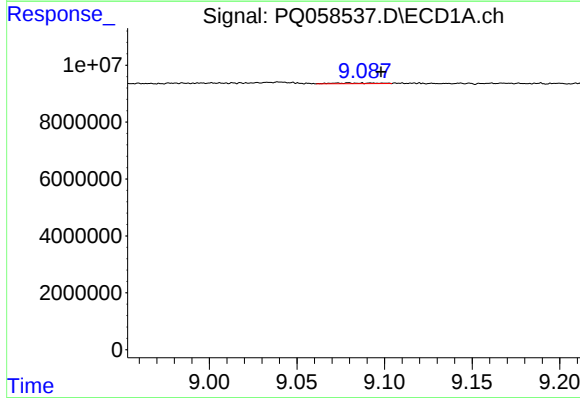
R.T.: 9.002 min
Delta R.T.: 0.006 min
Response: 432970
Conc: 0.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



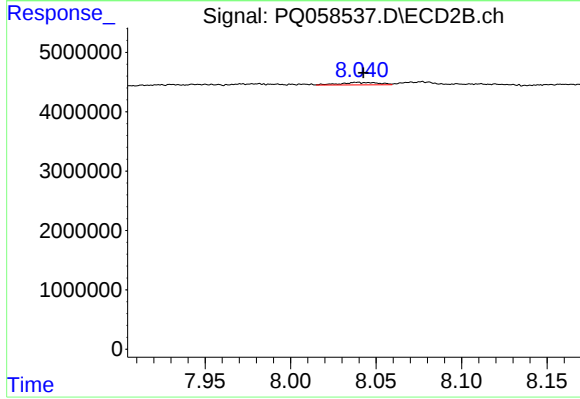
#41 AR-1268-1

R.T.: 7.981 min
Delta R.T.: 0.003 min
Response: 465497
Conc: 0.60 ng/ml



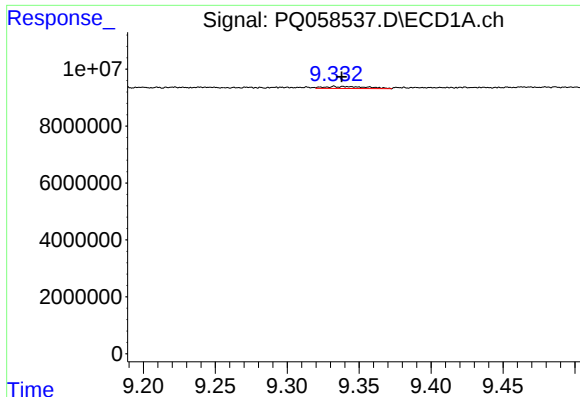
#42 AR-1268-2

R.T.: 9.080 min
Delta R.T.: -0.018 min
Response: 407210
Conc: 0.37 ng/ml



#42 AR-1268-2

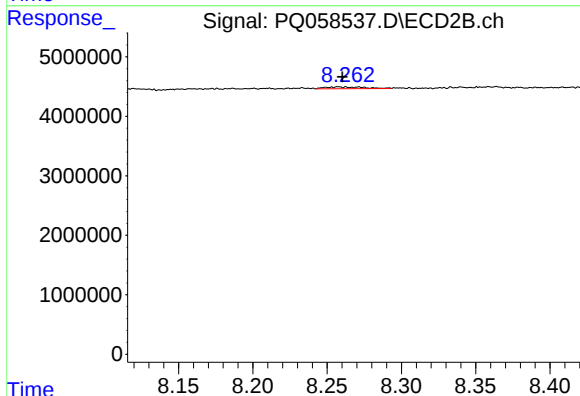
R.T.: 8.039 min
Delta R.T.: -0.004 min
Response: 644512
Conc: 0.91 ng/ml



#43 AR-1268-3

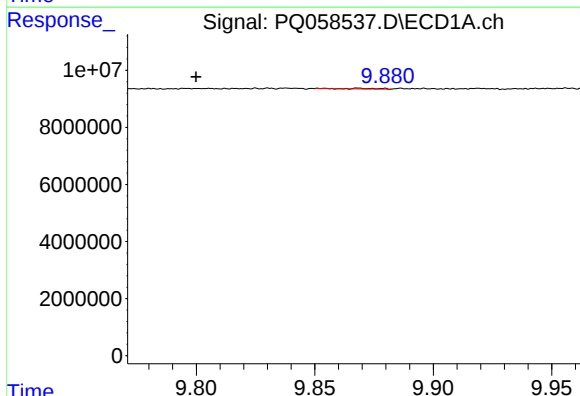
R.T.: 9.333 min
Delta R.T.: -0.005 min
Response: 1428029
Conc: 1.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



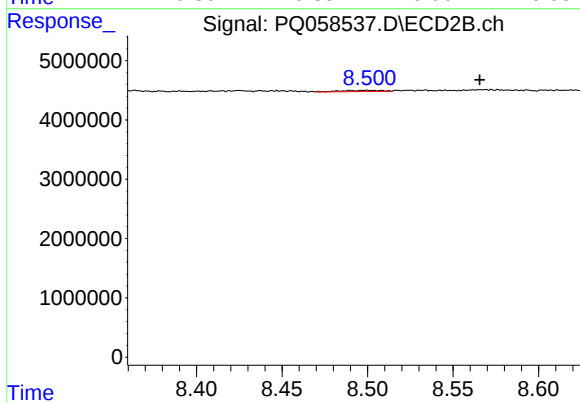
#43 AR-1268-3

R.T.: 8.262 min
Delta R.T.: 0.002 min
Response: 550916
Conc: 0.90 ng/ml



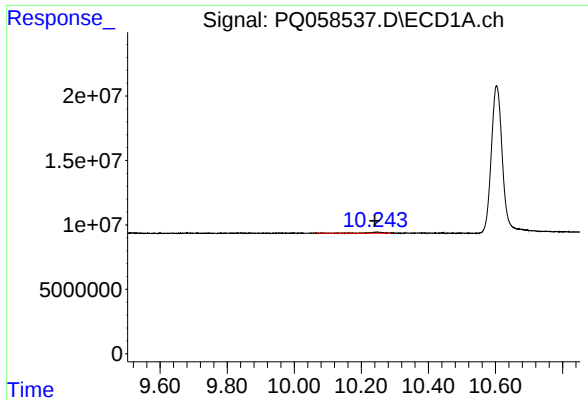
#44 AR-1268-4

R.T.: 9.869 min
Delta R.T.: 0.069 min
Response: 187565
Conc: 0.57 ng/ml



#44 AR-1268-4

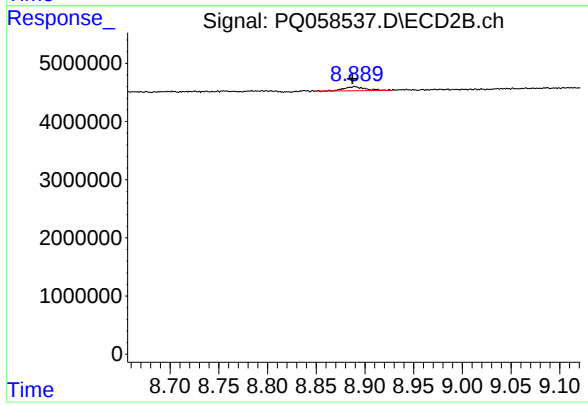
R.T.: 8.499 min
Delta R.T.: -0.067 min
Response: 332606
Conc: 1.56 ng/ml



#45 AR-1268-5

R.T.: 10.246 min
Delta R.T.: 0.005 min
Response: 2442368
Conc: 0.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.890 min
Delta R.T.: 0.003 min
Response: 1054581
Conc: 0.57 ng/ml