

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ033123\
 Data File : PQ060742.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2023 19:34
 Operator : YP\AJ
 Sample : 02152-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 05:03:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032123CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 21 19:46:54 2023
 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...	3.405	2.763	164.6E6	84294549	18.663	20.575
2)	SA Decachlor...	8.584	7.542	168.4E6	156.4E6	30.474	36.672
Target Compounds							
3)	L1 AR-1016-1	4.505	3.777	37830512	27711671	134.194	206.533 #
4)	L1 AR-1016-2	4.505	3.777	37830512	27711671	90.627	142.656 #
5)	L1 AR-1016-3	4.586	3.934	2042912	3810871	7.776	36.955 #
6)	L1 AR-1016-4	4.668	3.993	25019425	25801238	116.928	292.593 #
7)	L1 AR-1016-5	4.930	4.186	94212294	88962716	441.033	808.247 #
8)	L2 AR-1221-1	3.589	2.960	77971515	1218592	712.376	23.849 #
9)	L2 AR-1221-2	3.682	3.051	3585465	82058	46.779	2.274 #
10)	L2 AR-1221-3	3.747	3.113	254928	751478	1.061	6.461 #
11)	L3 AR-1232-1	3.747	3.113	254928	751478	1.299	8.027 #
12)	L3 AR-1232-2	4.257	3.777	5791196	27711671	55.351	320.301 #
13)	L3 AR-1232-3	4.505	3.934	37830512	3810871	195.104	85.619 #
14)	L3 AR-1232-4	4.668	4.031	25019425	2432263	259.223	62.062 #
15)	L3 AR-1232-5	4.790	4.186	38549246	88962716	548.111	1939.164 #
16)	L4 AR-1242-1	4.505	3.777	37830512	27711671	150.697	237.749 #
17)	L4 AR-1242-2	4.505	3.777	37830512	27711671	102.340	162.264 #
18)	L4 AR-1242-3	4.586	3.934	2042912	3810871	8.742	42.246 #
19)	L4 AR-1242-4	4.668	4.031	25019425	2432263	130.118	28.014 #
20)	L4 AR-1242-5	5.416	4.509	173.9E6	178.8E6	892.958	1580.878 #
21)	L5 AR-1248-1	4.505	3.777	37830512	27711671	195.097	304.855 #
22)	L5 AR-1248-2	4.790	3.993	38549246	25801238	147.676	190.020 #
23)	L5 AR-1248-3	4.995	4.031	1212472	2432263	3.856	18.516 #
24)	L5 AR-1248-4	5.342	4.186	1115.7E6	88962716	3189.394	552.976 #
25)	L5 AR-1248-5	5.416	4.579	173.9E6	100.2E6	515.839	644.521
26)	L6 AR-1254-1	5.342	4.509	1115.7E6	178.8E6	3313.166	759.380 #
27)	L6 AR-1254-2	5.534	4.668	167.8E6	14125572	333.650	69.378 #
28)	L6 AR-1254-3	5.897	5.050	129.0E6	-4145100	240.549	N.D. #
29)	L6 AR-1254-4	6.181	5.272	5437805	12937516	14.019	64.791 #
30)	L6 AR-1254-5	6.619	5.691	166.5E6	95041945	392.359	328.202
31)	L7 AR-1260-1	6.068	5.188	4208527	248.5E6	10.485	1124.377 #
32)	L7 AR-1260-2	6.338	5.383	53178008	150.8E6	111.811	577.798 #
33)	L7 AR-1260-3	6.674	5.524	20357346	139.0E6	58.539	514.777 #
34)	L7 AR-1260-4	6.892	5.987	3270061	10266861	8.461	47.962 #
35)	L7 AR-1260-5	7.214	6.223	16169889	6510835	21.680	13.632 #
36)	L8 AR-1262-1	6.674	5.747	20357346	24454839	40.637	80.124 #
37)	L8 AR-1262-2	7.214	6.223	16169889	6510835	19.413	11.889 #
38)	L8 AR-1262-3	7.481	6.528	2554004	19308171	4.556	85.282 #
39)	L8 AR-1262-4	7.542	6.575	4547550	4533712	10.442	10.813
40)	L8 AR-1262-5	8.109f	7.079	5109565	10380948	18.074	50.718 #
41)	L9 AR-1268-1	7.481	6.528	2554004	19308171	3.389	36.788 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ033123\
Data File : PQ060742.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2023 19:34
Operator : YP\AJ
Sample : 02152-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

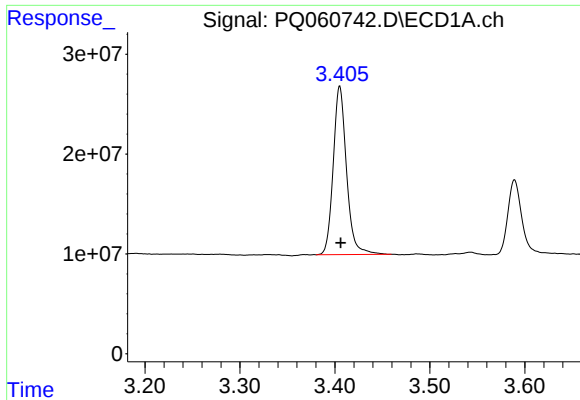
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 05:03:23 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032123CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 21 19:46:54 2023
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
42)	L9 AR-1268-2	7.542	6.575	4547550	4533712	6.635	9.412 #
43)	L9 AR-1268-3	7.721	6.801	1176619	2008657	2.067	4.803 #
44)	L9 AR-1268-4	8.109f	7.079	5109565	10380948	20.464	56.872 #
45)	L9 AR-1268-5	8.349	7.302	3028406	9819100	1.854	7.343 #

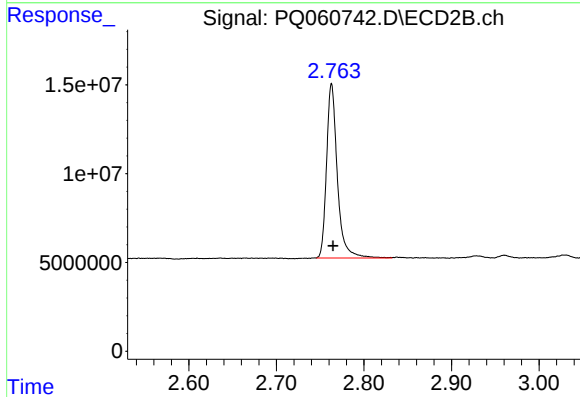
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

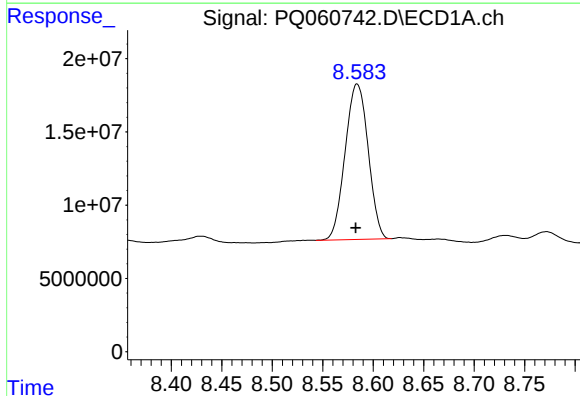
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 164641444
Conc: 18.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



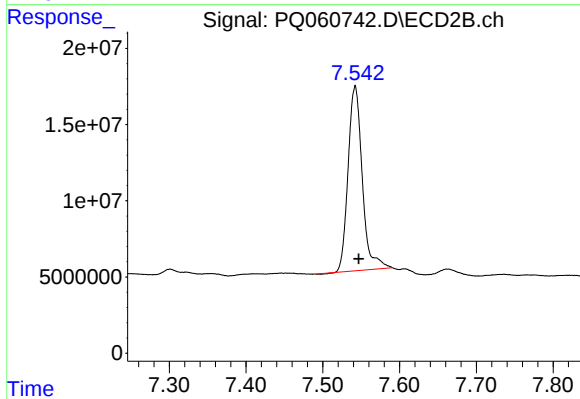
#1 Tetrachloro-m-xylene

R.T.: 2.763 min
Delta R.T.: -0.002 min
Response: 84294549
Conc: 20.57 ng/ml



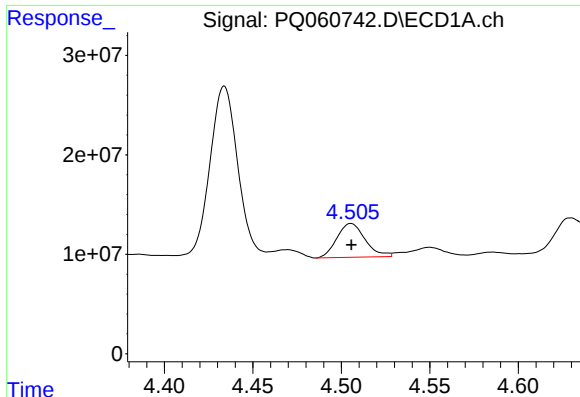
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.001 min
Response: 168396336
Conc: 30.47 ng/ml



#2 Decachlorobiphenyl

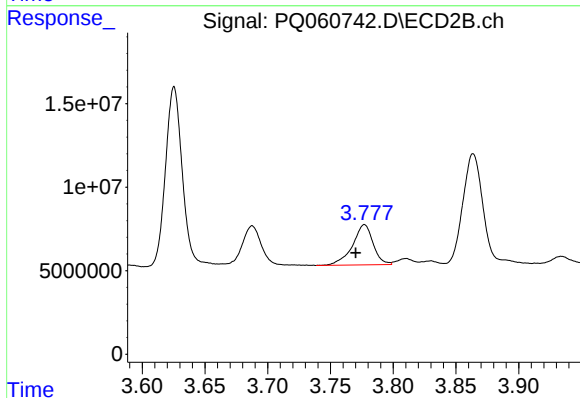
R.T.: 7.542 min
Delta R.T.: -0.005 min
Response: 156355361
Conc: 36.67 ng/ml



#3 AR-1016-1

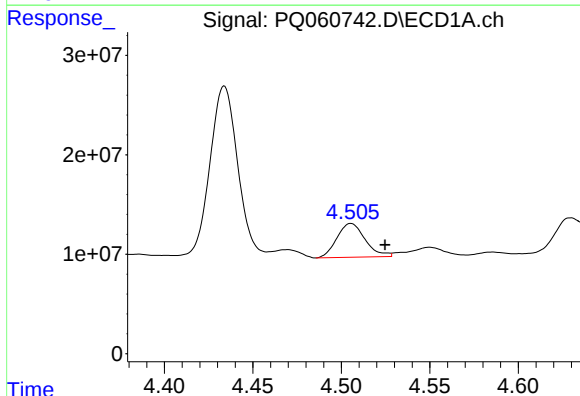
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 37830512
Conc: 134.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



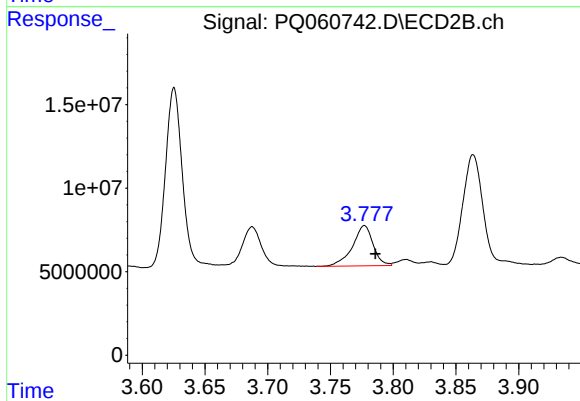
#3 AR-1016-1

R.T.: 3.777 min
Delta R.T.: 0.007 min
Response: 27711671
Conc: 206.53 ng/ml



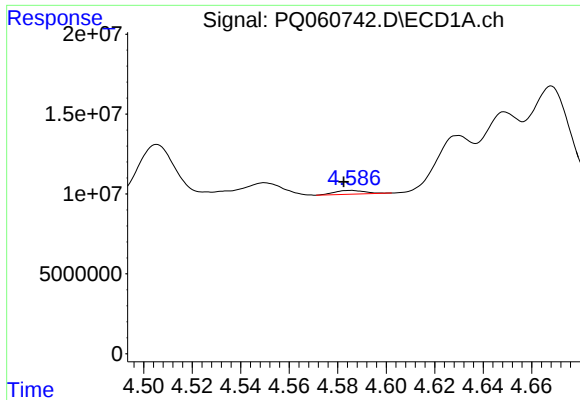
#4 AR-1016-2

R.T.: 4.505 min
Delta R.T.: -0.019 min
Response: 37830512
Conc: 90.63 ng/ml



#4 AR-1016-2

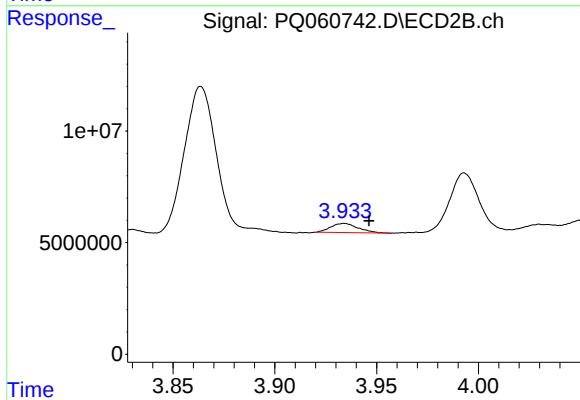
R.T.: 3.777 min
Delta R.T.: -0.009 min
Response: 27711671
Conc: 142.66 ng/ml



#5 AR-1016-3

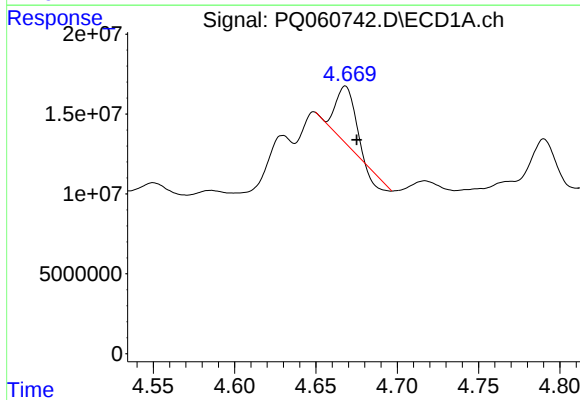
R.T.: 4.586 min
Delta R.T.: 0.003 min
Response: 2042912
Conc: 7.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



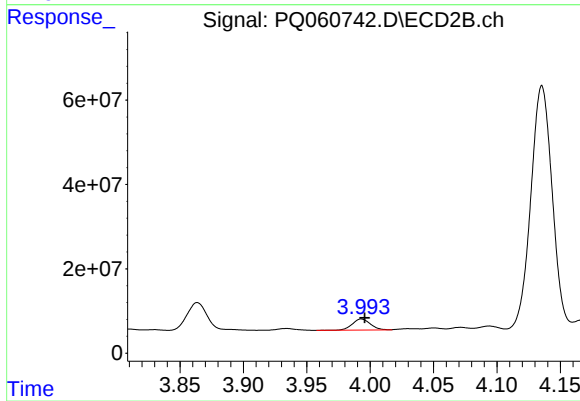
#5 AR-1016-3

R.T.: 3.934 min
Delta R.T.: -0.012 min
Response: 3810871
Conc: 36.95 ng/ml



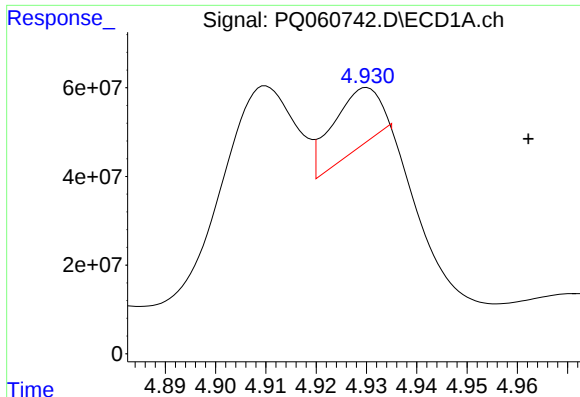
#6 AR-1016-4

R.T.: 4.668 min
Delta R.T.: -0.007 min
Response: 25019425
Conc: 116.93 ng/ml



#6 AR-1016-4

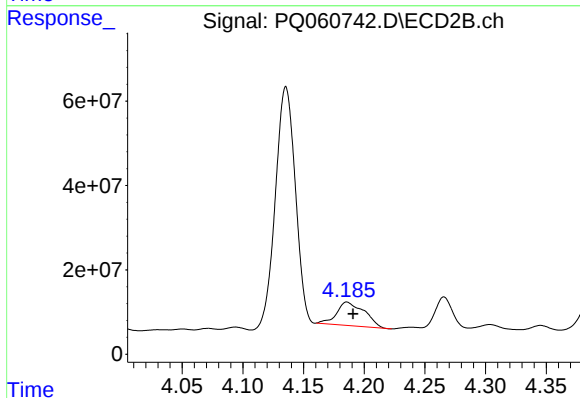
R.T.: 3.993 min
Delta R.T.: -0.003 min
Response: 25801238
Conc: 292.59 ng/ml



#7 AR-1016-5

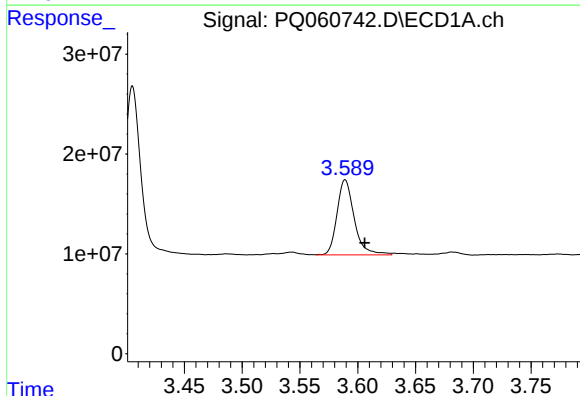
R.T.: 4.930 min
Delta R.T.: -0.032 min
Response: 94212294
Conc: 441.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



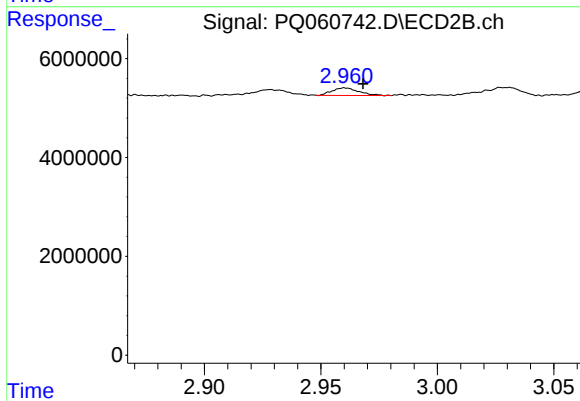
#7 AR-1016-5

R.T.: 4.186 min
Delta R.T.: -0.005 min
Response: 88962716
Conc: 808.25 ng/ml



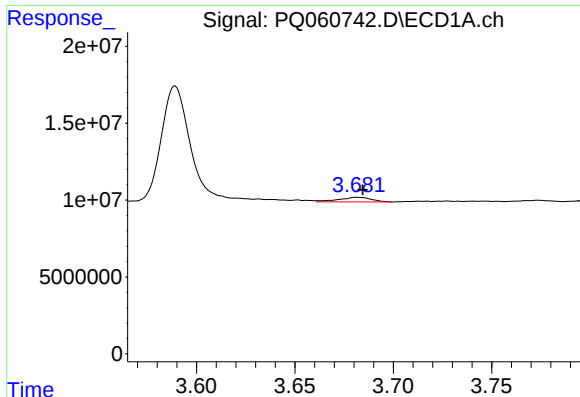
#8 AR-1221-1

R.T.: 3.589 min
Delta R.T.: -0.017 min
Response: 77971515
Conc: 712.38 ng/ml



#8 AR-1221-1

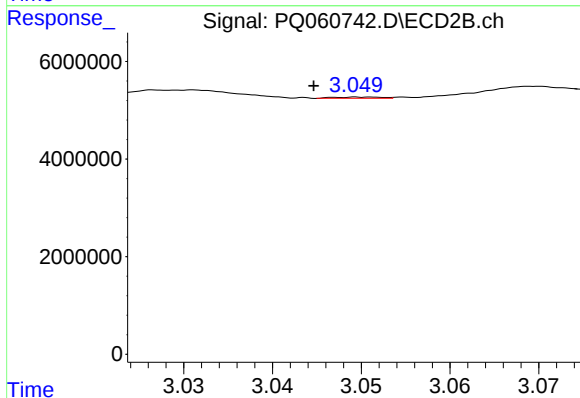
R.T.: 2.960 min
Delta R.T.: -0.008 min
Response: 1218592
Conc: 23.85 ng/ml



#9 AR-1221-2

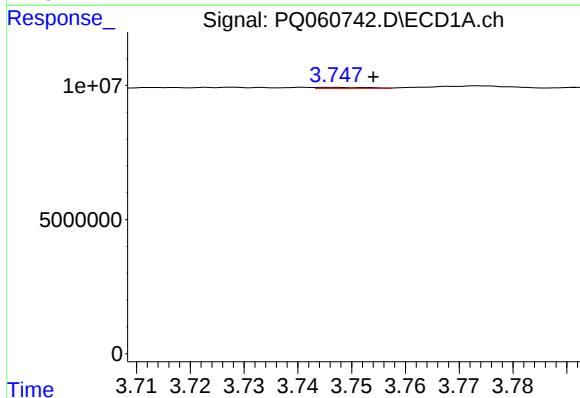
R.T.: 3.682 min
Delta R.T.: -0.003 min
Response: 3585465
Conc: 46.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



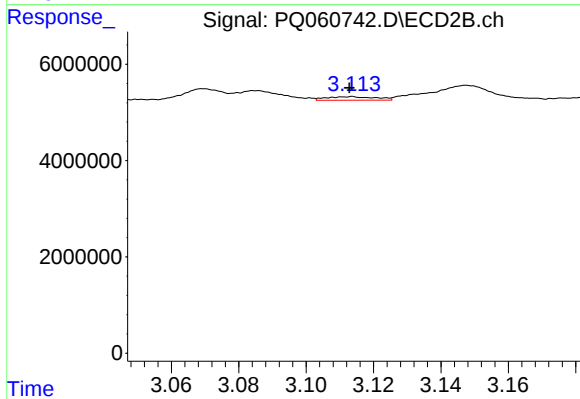
#9 AR-1221-2

R.T.: 3.051 min
Delta R.T.: 0.006 min
Response: 82058
Conc: 2.27 ng/ml



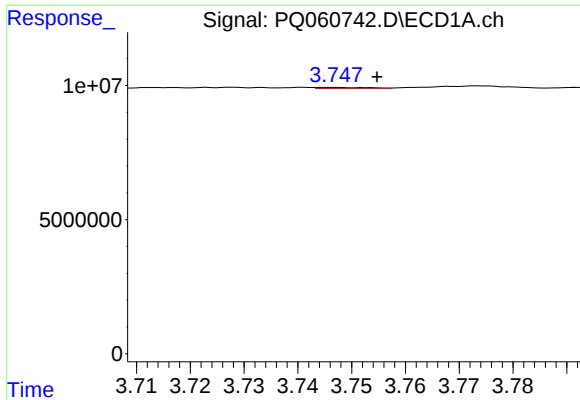
#10 AR-1221-3

R.T.: 3.747 min
Delta R.T.: -0.007 min
Response: 254928
Conc: 1.06 ng/ml



#10 AR-1221-3

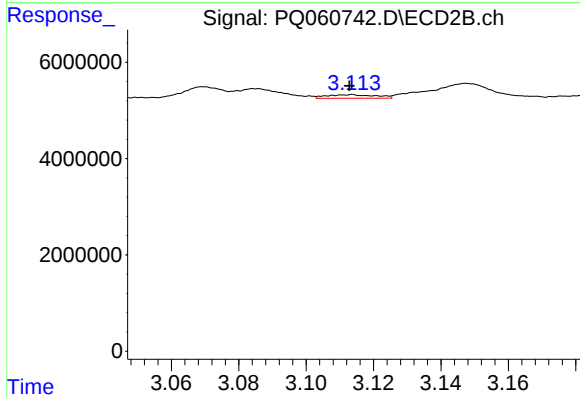
R.T.: 3.113 min
Delta R.T.: 0.000 min
Response: 751478
Conc: 6.46 ng/ml



#11 AR-1232-1

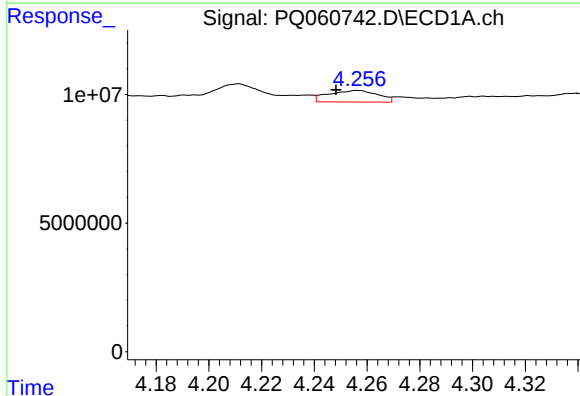
R.T.: 3.747 min
Delta R.T.: -0.008 min
Response: 254928
Conc: 1.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



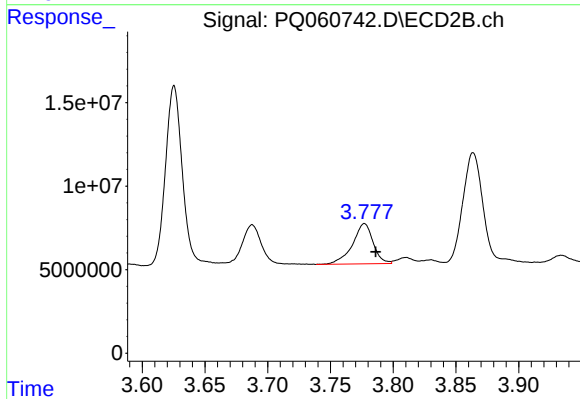
#11 AR-1232-1

R.T.: 3.113 min
Delta R.T.: 0.000 min
Response: 751478
Conc: 8.03 ng/ml



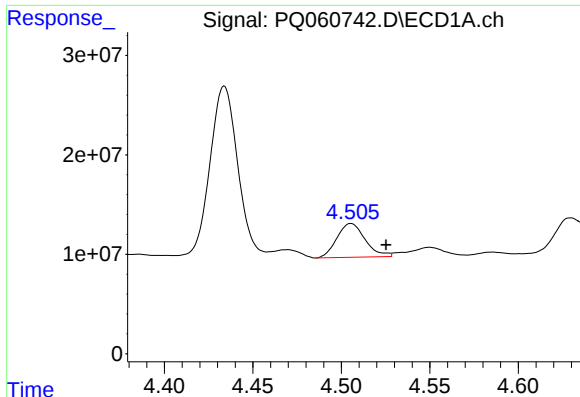
#12 AR-1232-2

R.T.: 4.257 min
Delta R.T.: 0.008 min
Response: 5791196
Conc: 55.35 ng/ml



#12 AR-1232-2

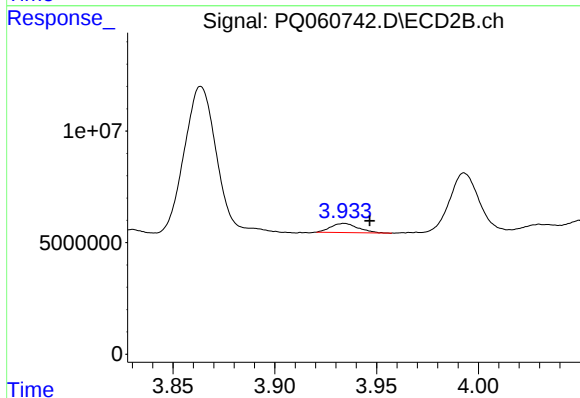
R.T.: 3.777 min
Delta R.T.: -0.009 min
Response: 27711671
Conc: 320.30 ng/ml



#13 AR-1232-3

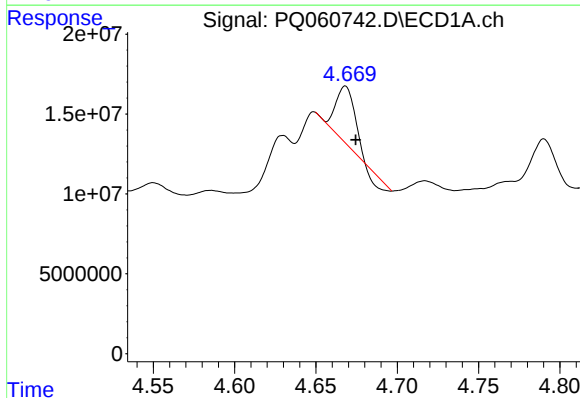
R.T.: 4.505 min
Delta R.T.: -0.020 min
Response: 37830512
Conc: 195.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



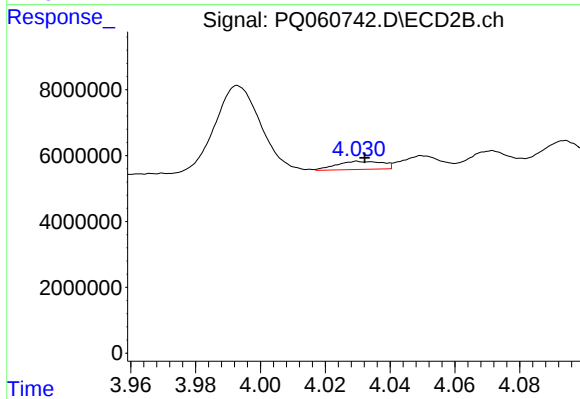
#13 AR-1232-3

R.T.: 3.934 min
Delta R.T.: -0.013 min
Response: 3810871
Conc: 85.62 ng/ml



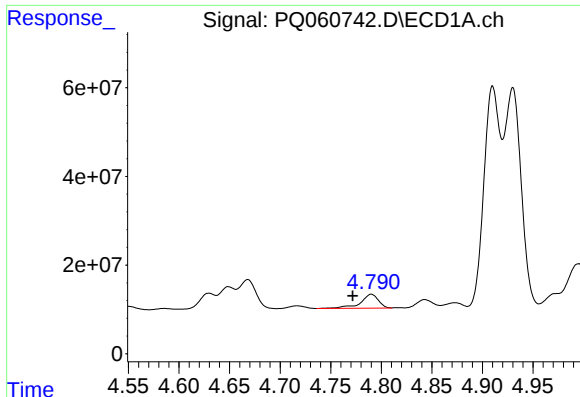
#14 AR-1232-4

R.T.: 4.668 min
Delta R.T.: -0.006 min
Response: 25019425
Conc: 259.22 ng/ml



#14 AR-1232-4

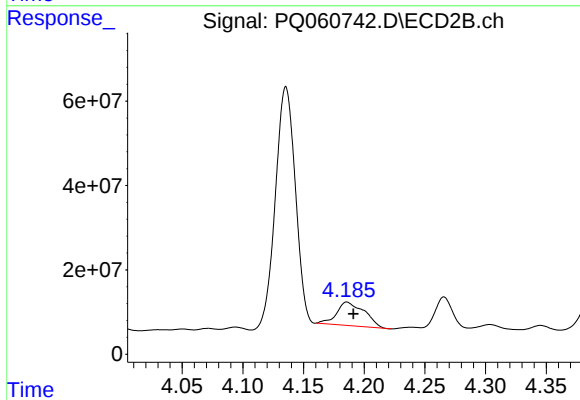
R.T.: 4.031 min
Delta R.T.: -0.002 min
Response: 2432263
Conc: 62.06 ng/ml



#15 AR-1232-5

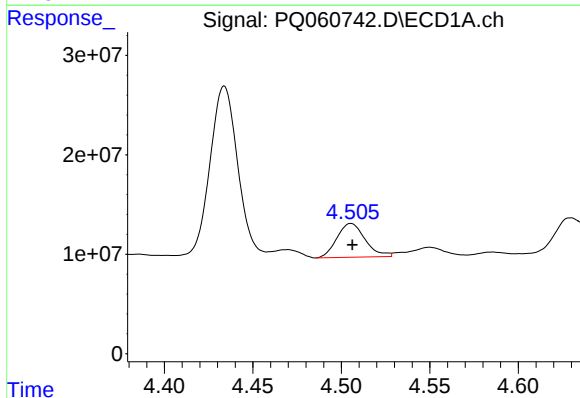
R.T.: 4.790 min
Delta R.T.: 0.019 min
Response: 38549246
Conc: 548.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



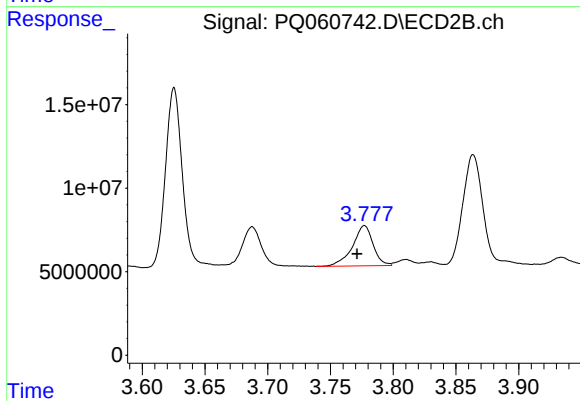
#15 AR-1232-5

R.T.: 4.186 min
Delta R.T.: -0.005 min
Response: 88962716
Conc: 1939.16 ng/ml



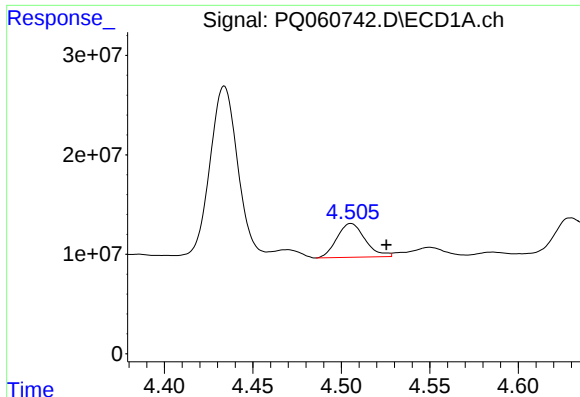
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 37830512
Conc: 150.70 ng/ml



#16 AR-1242-1

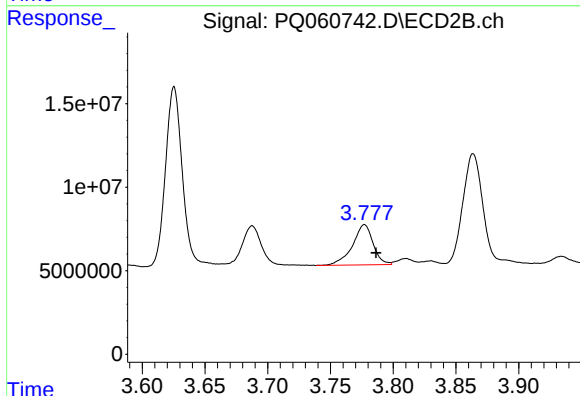
R.T.: 3.777 min
Delta R.T.: 0.006 min
Response: 27711671
Conc: 237.75 ng/ml



#17 AR-1242-2

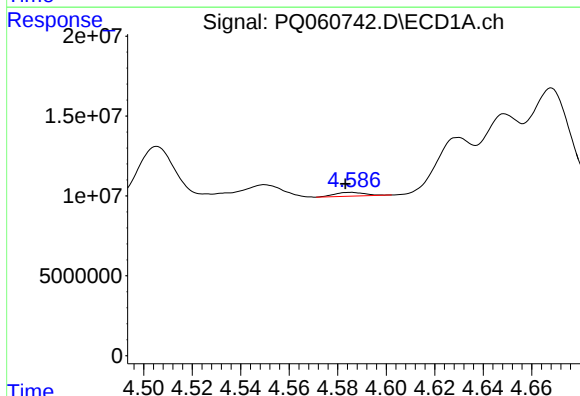
R.T.: 4.505 min
Delta R.T.: -0.020 min
Response: 37830512
Conc: 102.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



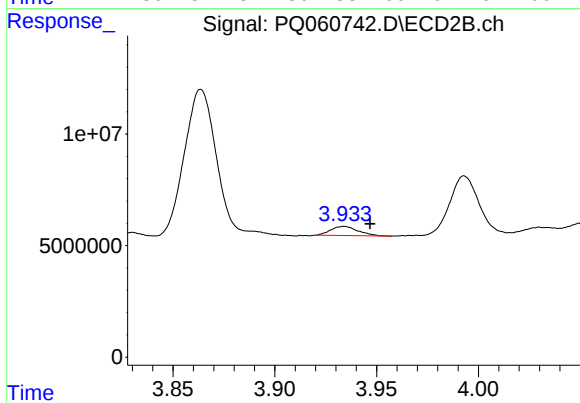
#17 AR-1242-2

R.T.: 3.777 min
Delta R.T.: -0.009 min
Response: 27711671
Conc: 162.26 ng/ml



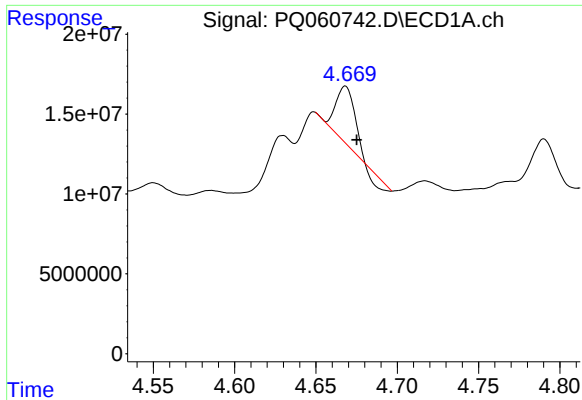
#18 AR-1242-3

R.T.: 4.586 min
Delta R.T.: 0.003 min
Response: 2042912
Conc: 8.74 ng/ml



#18 AR-1242-3

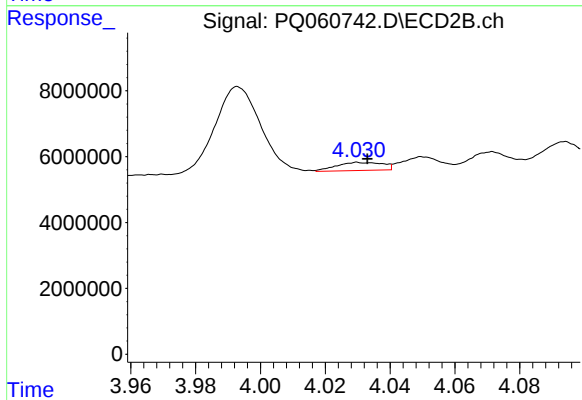
R.T.: 3.934 min
Delta R.T.: -0.013 min
Response: 3810871
Conc: 42.25 ng/ml



#19 AR-1242-4

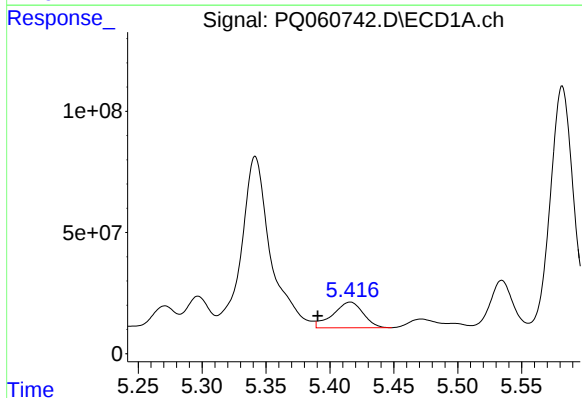
R.T.: 4.668 min
Delta R.T.: -0.007 min
Response: 25019425
Conc: 130.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



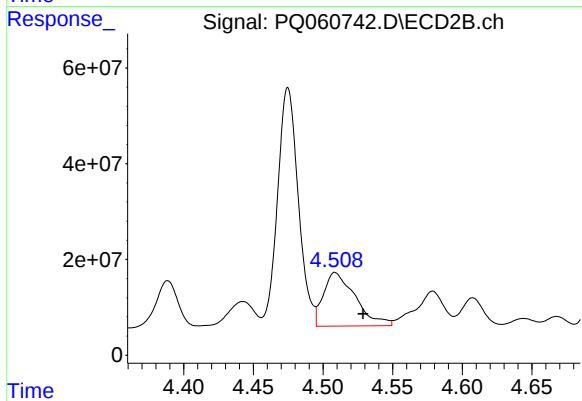
#19 AR-1242-4

R.T.: 4.031 min
Delta R.T.: -0.002 min
Response: 2432263
Conc: 28.01 ng/ml



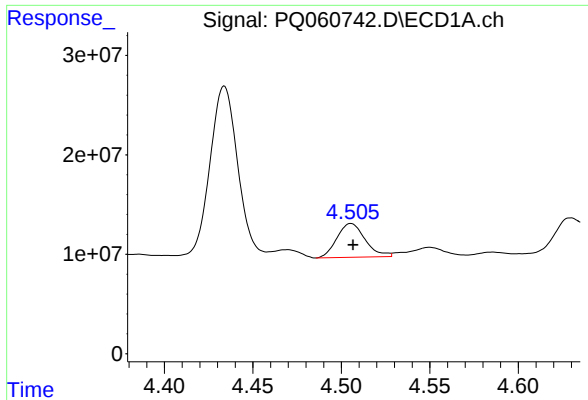
#20 AR-1242-5

R.T.: 5.416 min
Delta R.T.: 0.025 min
Response: 173908224
Conc: 892.96 ng/ml



#20 AR-1242-5

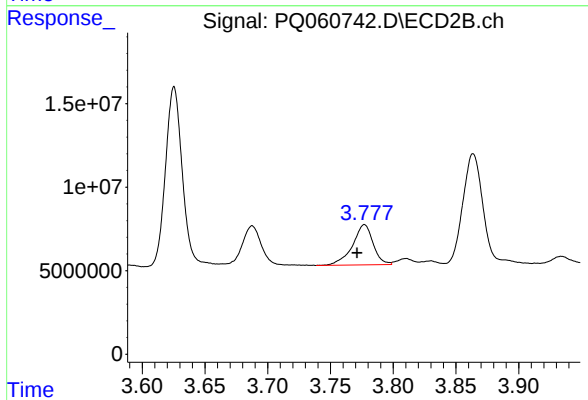
R.T.: 4.509 min
Delta R.T.: -0.020 min
Response: 178798752
Conc: 1580.88 ng/ml



#21 AR-1248-1

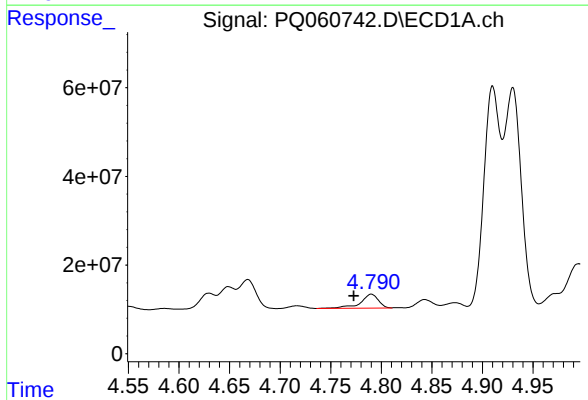
R.T.: 4.505 min
Delta R.T.: -0.001 min
Response: 37830512
Conc: 195.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



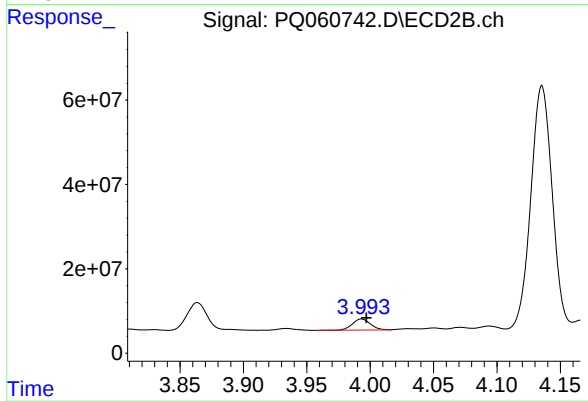
#21 AR-1248-1

R.T.: 3.777 min
Delta R.T.: 0.006 min
Response: 27711671
Conc: 304.85 ng/ml



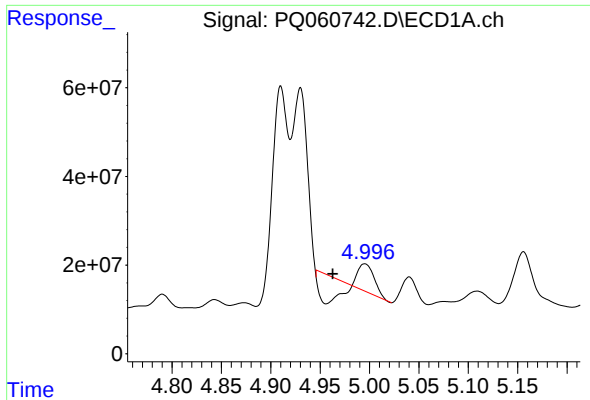
#22 AR-1248-2

R.T.: 4.790 min
Delta R.T.: 0.017 min
Response: 38549246
Conc: 147.68 ng/ml



#22 AR-1248-2

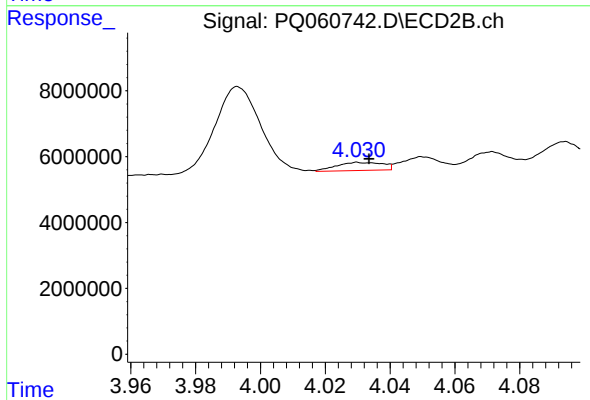
R.T.: 3.993 min
Delta R.T.: -0.004 min
Response: 25801238
Conc: 190.02 ng/ml



#23 AR-1248-3

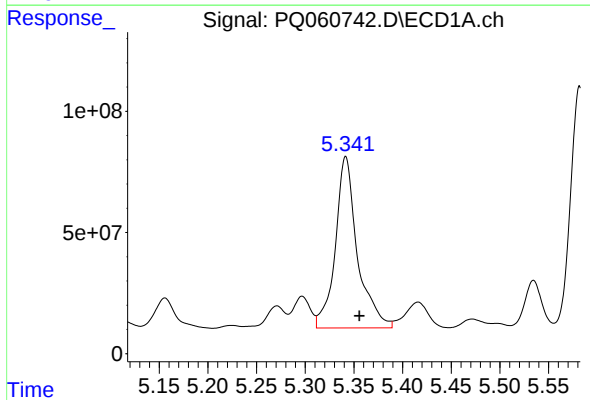
R.T.: 4.995 min
Delta R.T.: 0.032 min
Response: 1212472
Conc: 3.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



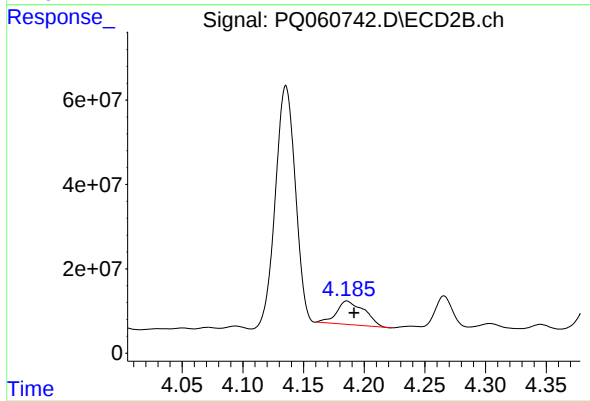
#23 AR-1248-3

R.T.: 4.031 min
Delta R.T.: -0.003 min
Response: 2432263
Conc: 18.52 ng/ml



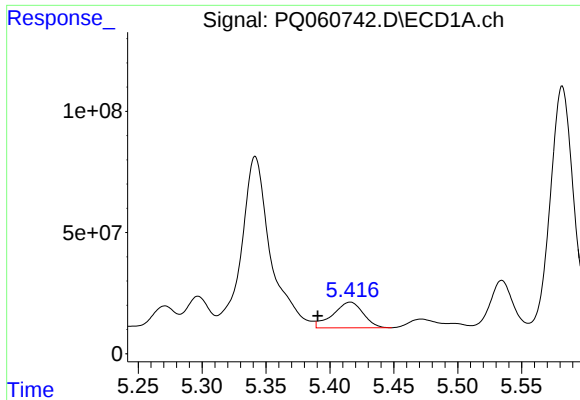
#24 AR-1248-4

R.T.: 5.342 min
Delta R.T.: -0.014 min
Response: 1115708392
Conc: 3189.39 ng/ml



#24 AR-1248-4

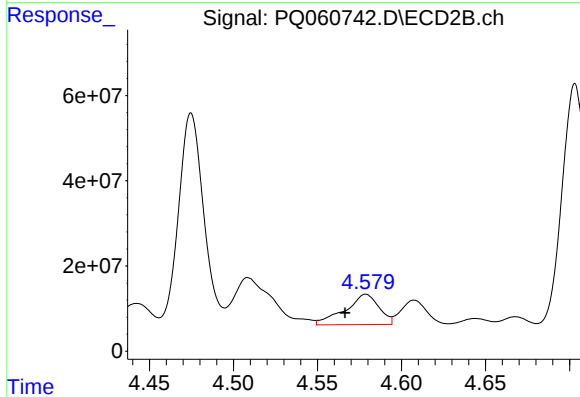
R.T.: 4.186 min
Delta R.T.: -0.006 min
Response: 88962716
Conc: 552.98 ng/ml



#25 AR-1248-5

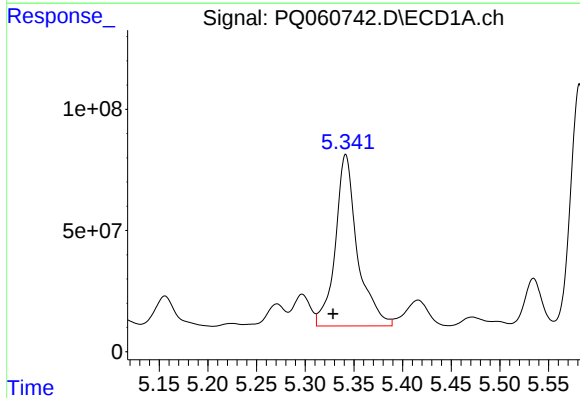
R.T.: 5.416 min
Delta R.T.: 0.025 min
Response: 173908224
Conc: 515.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



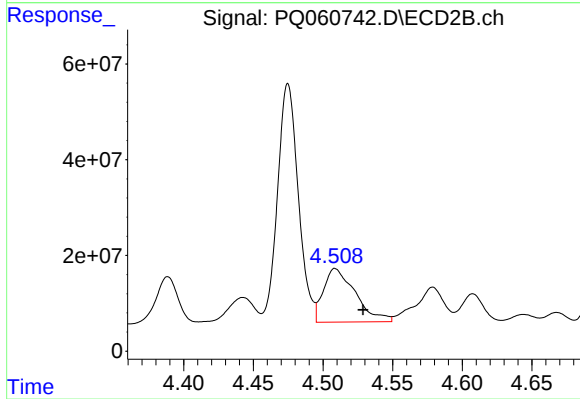
#25 AR-1248-5

R.T.: 4.579 min
Delta R.T.: 0.012 min
Response: 100213670
Conc: 644.52 ng/ml



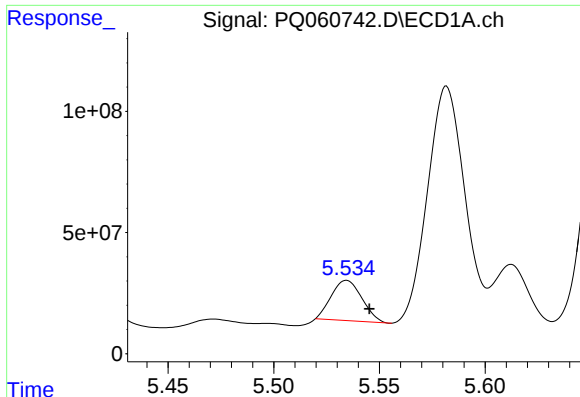
#26 AR-1254-1

R.T.: 5.342 min
Delta R.T.: 0.013 min
Response: 1115708392
Conc: 3313.17 ng/ml



#26 AR-1254-1

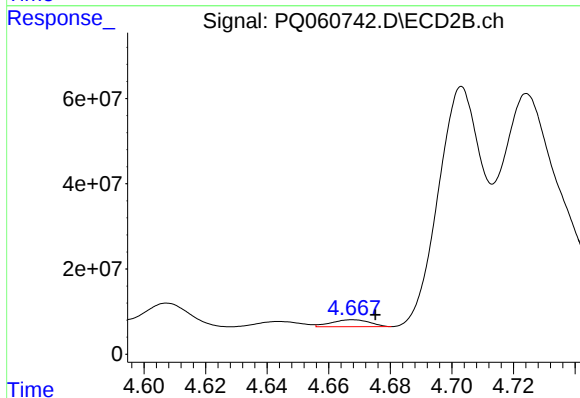
R.T.: 4.509 min
Delta R.T.: -0.020 min
Response: 178798752
Conc: 759.38 ng/ml



#27 AR-1254-2

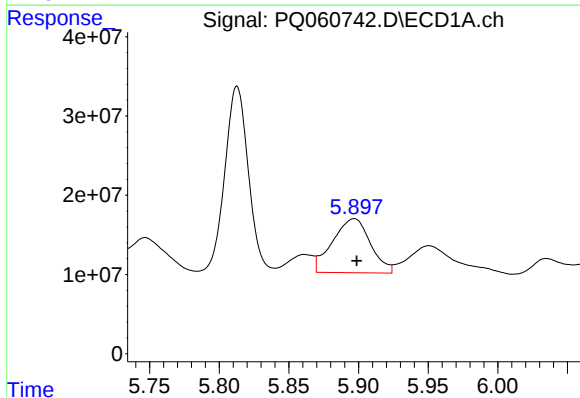
R.T.: 5.534 min
Delta R.T.: -0.011 min
Response: 167771024
Conc: 333.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



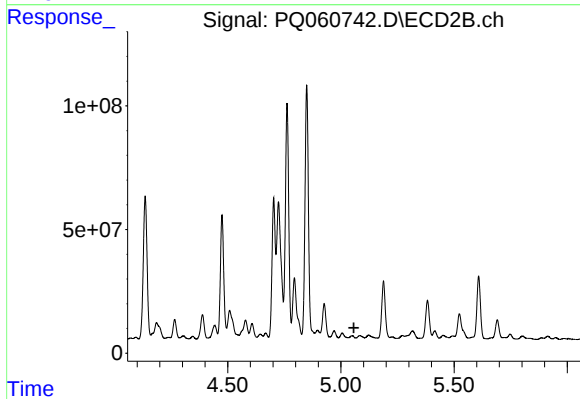
#27 AR-1254-2

R.T.: 4.668 min
Delta R.T.: -0.007 min
Response: 14125572
Conc: 69.38 ng/ml



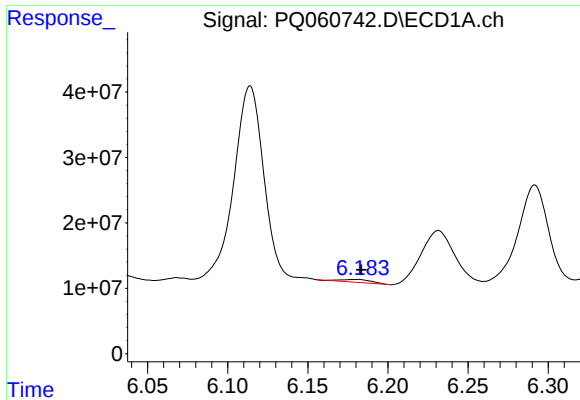
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 128986644
Conc: 240.55 ng/ml



#28 AR-1254-3

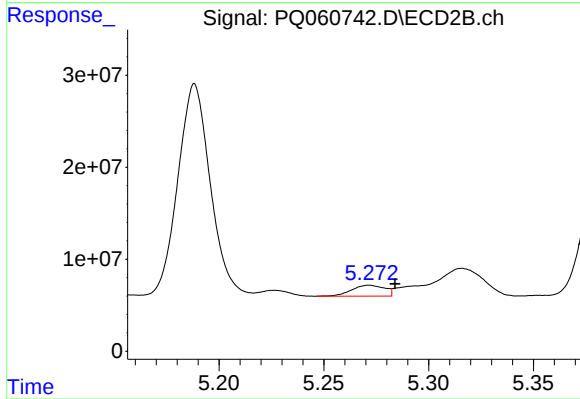
R.T.: 5.050 min
Delta R.T.: -0.008 min
Response: -4145100
Conc: N.D.



#29 AR-1254-4

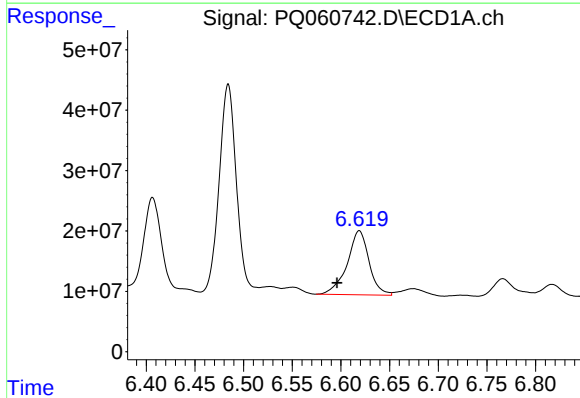
R.T.: 6.181 min
Delta R.T.: -0.002 min
Response: 5437805
Conc: 14.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



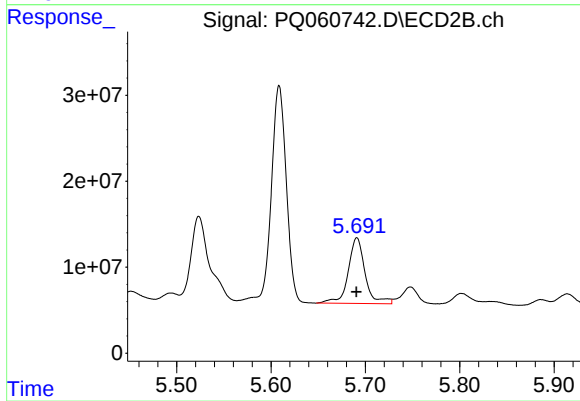
#29 AR-1254-4

R.T.: 5.272 min
Delta R.T.: -0.012 min
Response: 12937516
Conc: 64.79 ng/ml



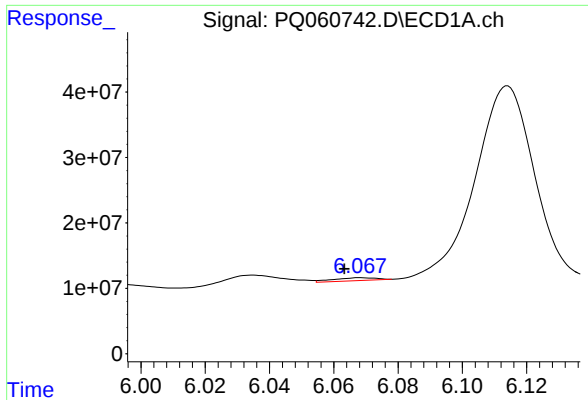
#30 AR-1254-5

R.T.: 6.619 min
Delta R.T.: 0.023 min
Response: 166452528
Conc: 392.36 ng/ml



#30 AR-1254-5

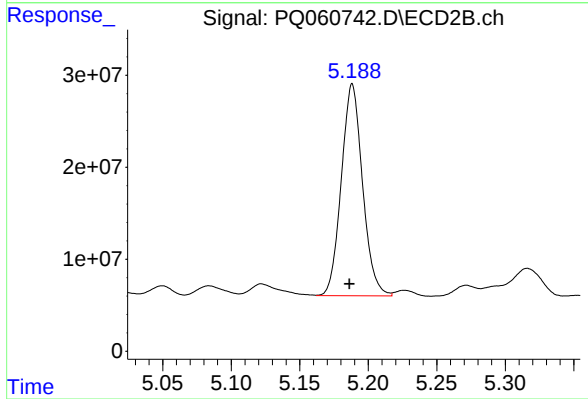
R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 95041945
Conc: 328.20 ng/ml



#31 AR-1260-1

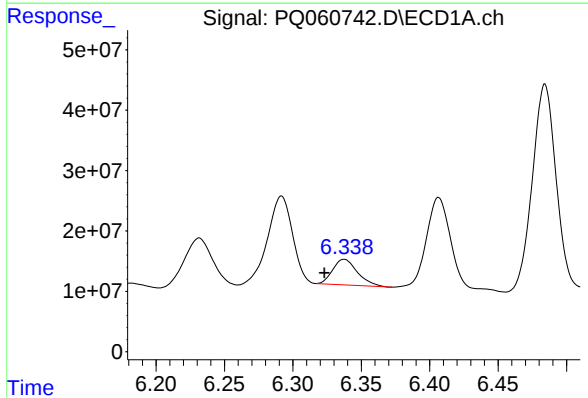
R.T.: 6.068 min
Delta R.T.: 0.005 min
Response: 4208527
Conc: 10.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



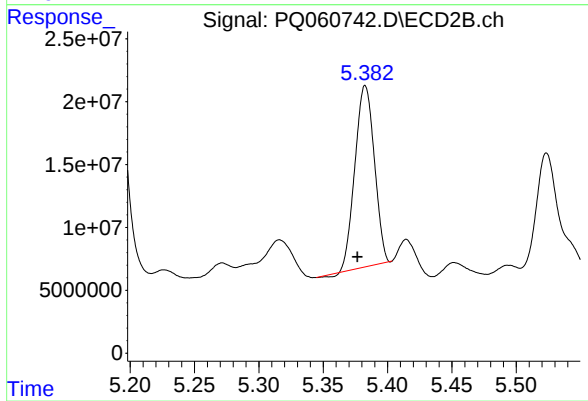
#31 AR-1260-1

R.T.: 5.188 min
Delta R.T.: 0.002 min
Response: 248522686
Conc: 1124.38 ng/ml



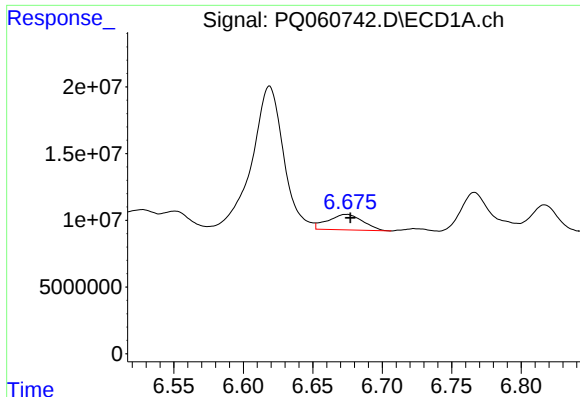
#32 AR-1260-2

R.T.: 6.338 min
Delta R.T.: 0.015 min
Response: 53178008
Conc: 111.81 ng/ml



#32 AR-1260-2

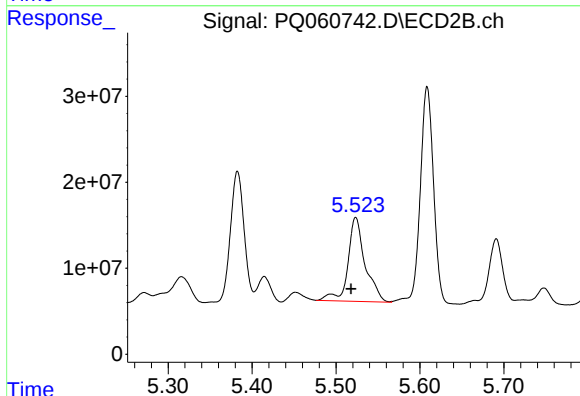
R.T.: 5.383 min
Delta R.T.: 0.006 min
Response: 150775689
Conc: 577.80 ng/ml



#33 AR-1260-3

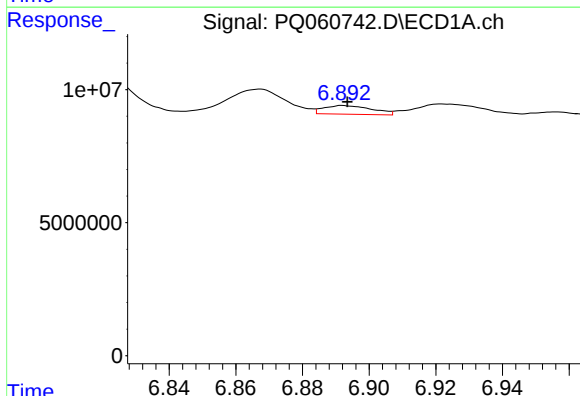
R.T.: 6.674 min
Delta R.T.: -0.003 min
Response: 20357346
Conc: 58.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



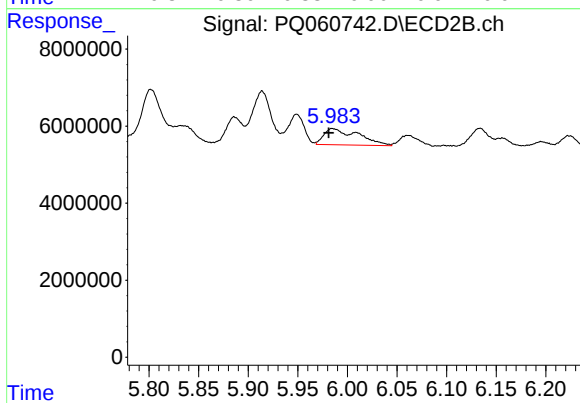
#33 AR-1260-3

R.T.: 5.524 min
Delta R.T.: 0.006 min
Response: 139000533
Conc: 514.78 ng/ml



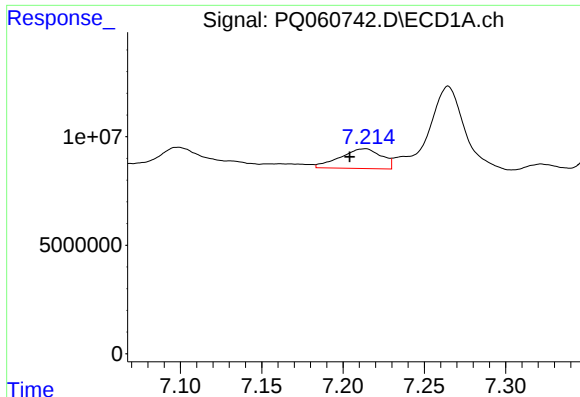
#34 AR-1260-4

R.T.: 6.892 min
Delta R.T.: -0.001 min
Response: 3270061
Conc: 8.46 ng/ml



#34 AR-1260-4

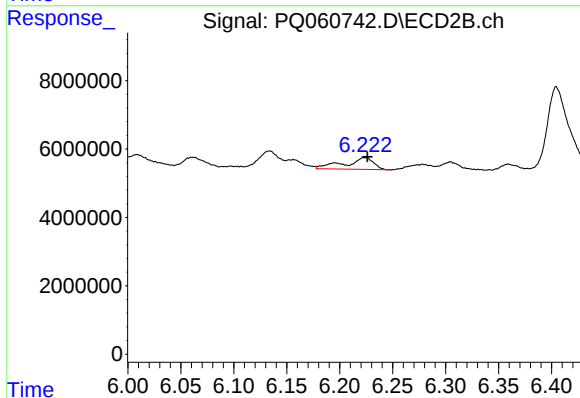
R.T.: 5.987 min
Delta R.T.: 0.006 min
Response: 10266861
Conc: 47.96 ng/ml



#35 AR-1260-5

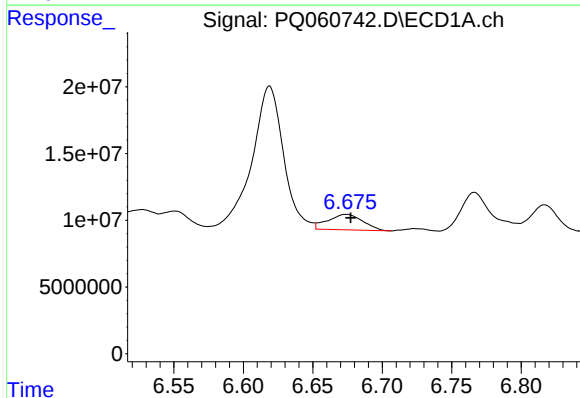
R.T.: 7.214 min
Delta R.T.: 0.010 min
Response: 16169889
Conc: 21.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



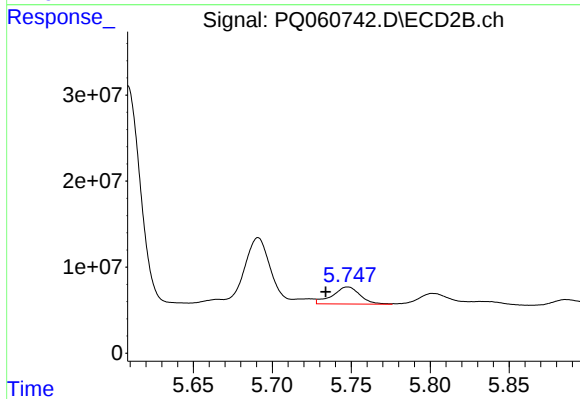
#35 AR-1260-5

R.T.: 6.223 min
Delta R.T.: -0.003 min
Response: 6510835
Conc: 13.63 ng/ml



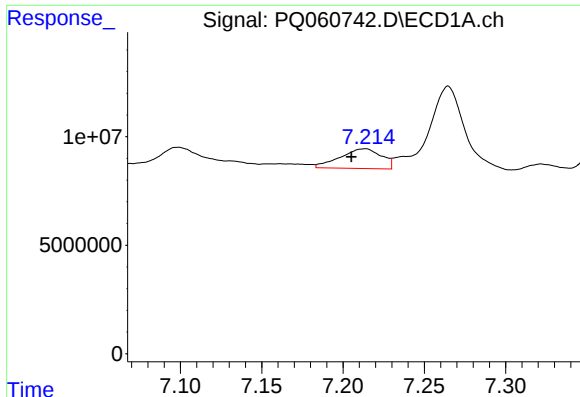
#36 AR-1262-1

R.T.: 6.674 min
Delta R.T.: -0.003 min
Response: 20357346
Conc: 40.64 ng/ml



#36 AR-1262-1

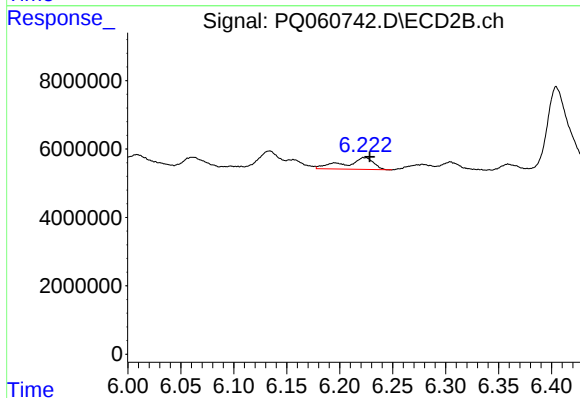
R.T.: 5.747 min
Delta R.T.: 0.013 min
Response: 24454839
Conc: 80.12 ng/ml



#37 AR-1262-2

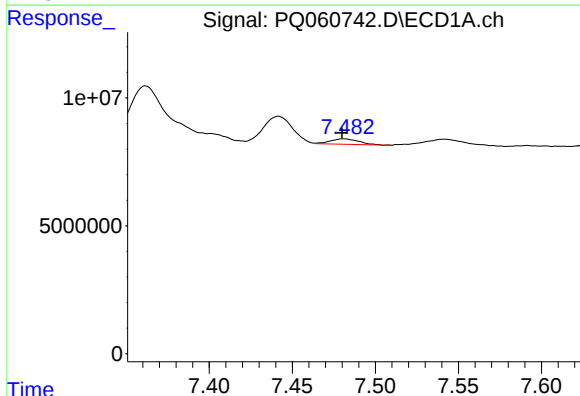
R.T.: 7.214 min
Delta R.T.: 0.008 min
Response: 16169889
Conc: 19.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



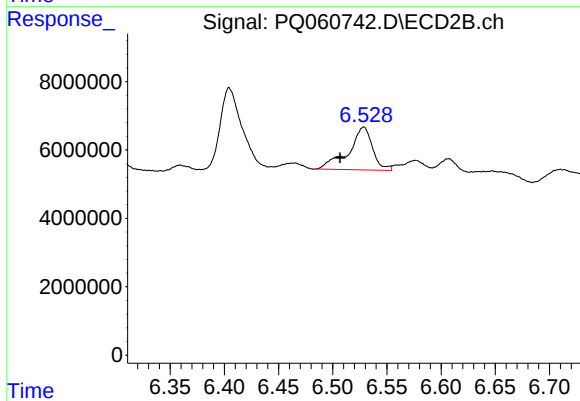
#37 AR-1262-2

R.T.: 6.223 min
Delta R.T.: -0.005 min
Response: 6510835
Conc: 11.89 ng/ml



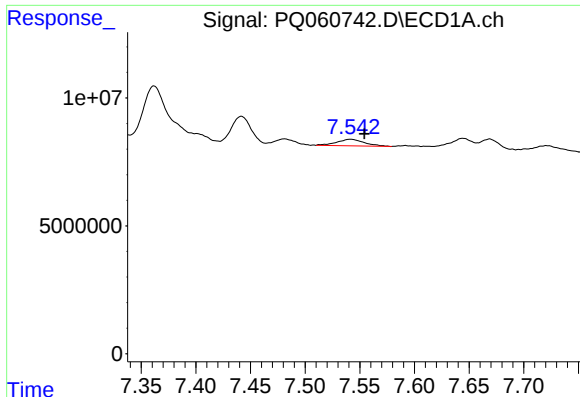
#38 AR-1262-3

R.T.: 7.481 min
Delta R.T.: 0.001 min
Response: 2554004
Conc: 4.56 ng/ml



#38 AR-1262-3

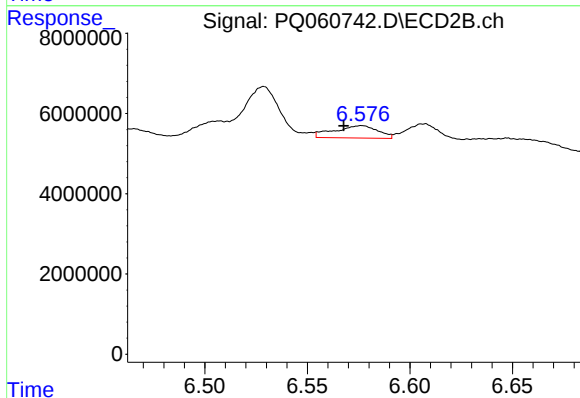
R.T.: 6.528 min
Delta R.T.: 0.021 min
Response: 19308171
Conc: 85.28 ng/ml



#39 AR-1262-4

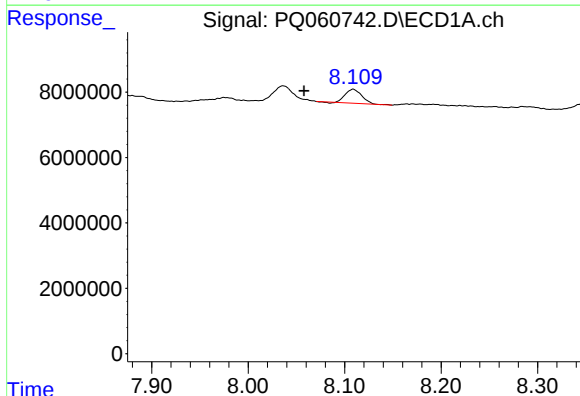
R.T.: 7.542 min
Delta R.T.: -0.013 min
Response: 4547550
Conc: 10.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



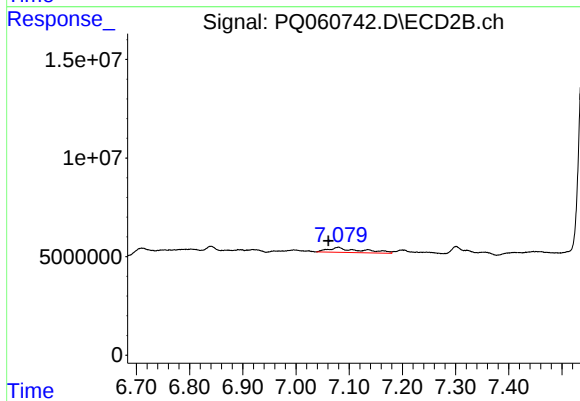
#39 AR-1262-4

R.T.: 6.575 min
Delta R.T.: 0.007 min
Response: 4533712
Conc: 10.81 ng/ml



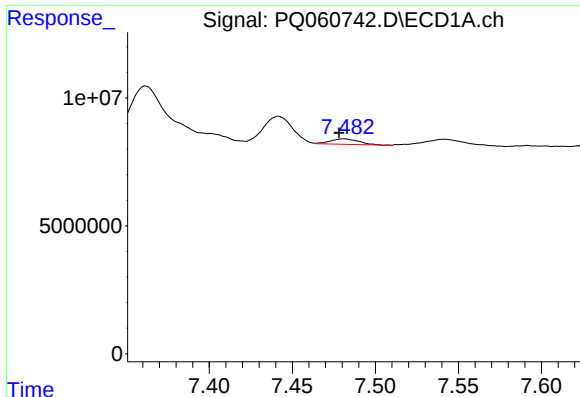
#40 AR-1262-5

R.T.: 8.109 min
Delta R.T.: 0.051 min
Response: 5109565
Conc: 18.07 ng/ml



#40 AR-1262-5

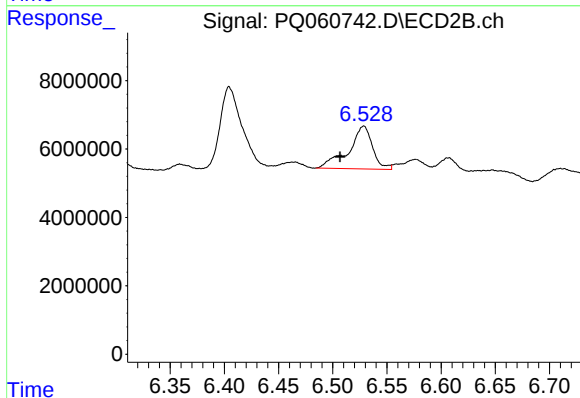
R.T.: 7.079 min
Delta R.T.: 0.018 min
Response: 10380948
Conc: 50.72 ng/ml



#41 AR-1268-1

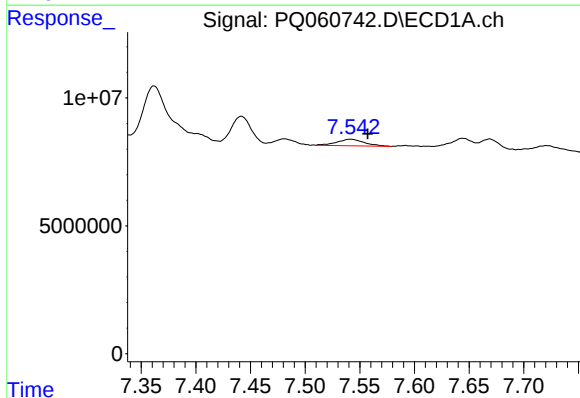
R.T.: 7.481 min
Delta R.T.: 0.003 min
Response: 2554004
Conc: 3.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



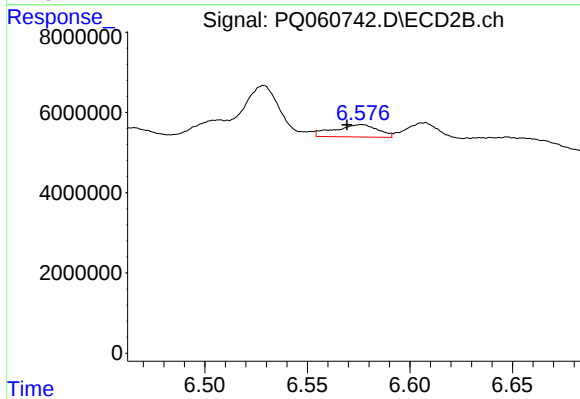
#41 AR-1268-1

R.T.: 6.528 min
Delta R.T.: 0.021 min
Response: 19308171
Conc: 36.79 ng/ml



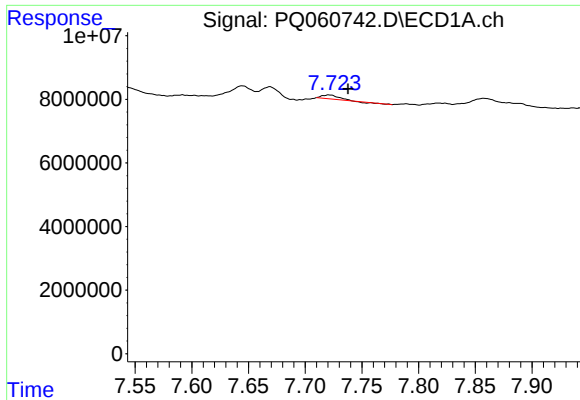
#42 AR-1268-2

R.T.: 7.542 min
Delta R.T.: -0.016 min
Response: 4547550
Conc: 6.63 ng/ml



#42 AR-1268-2

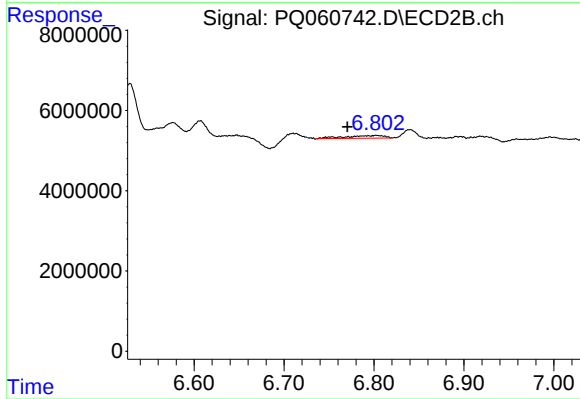
R.T.: 6.575 min
Delta R.T.: 0.006 min
Response: 4533712
Conc: 9.41 ng/ml



#43 AR-1268-3

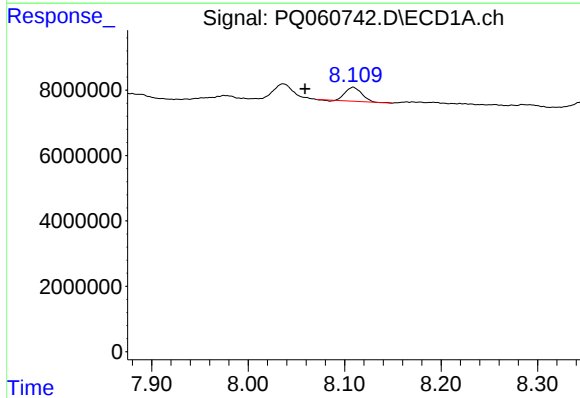
R.T.: 7.721 min
Delta R.T.: -0.017 min
Response: 1176619
Conc: 2.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



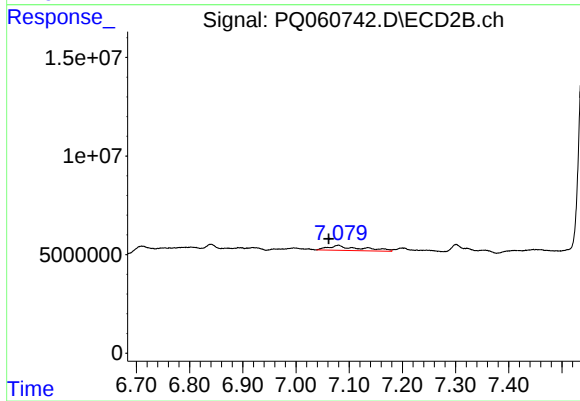
#43 AR-1268-3

R.T.: 6.801 min
Delta R.T.: 0.030 min
Response: 2008657
Conc: 4.80 ng/ml



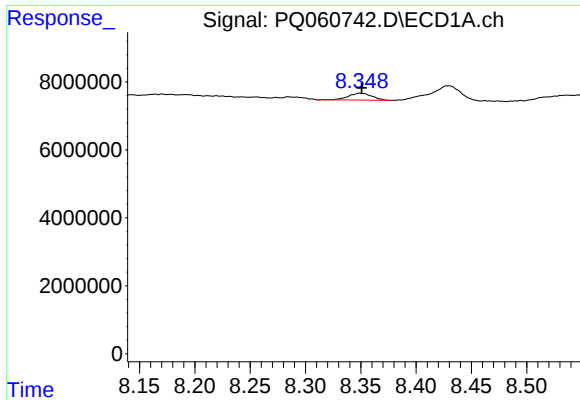
#44 AR-1268-4

R.T.: 8.109 min
Delta R.T.: 0.050 min
Response: 5109565
Conc: 20.46 ng/ml



#44 AR-1268-4

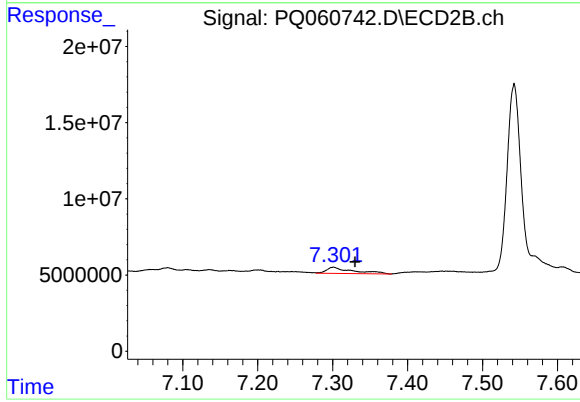
R.T.: 7.079 min
Delta R.T.: 0.018 min
Response: 10380948
Conc: 56.87 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: -0.002 min
Response: 3028406
Conc: 1.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.302 min
Delta R.T.: -0.028 min
Response: 9819100
Conc: 7.34 ng/ml