

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041323\
 Data File : PQ060985.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2023 12:02
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 13 22:57:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ041223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 13 01:33:58 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	2.762	168.8E6	74038868	19.264	19.058
2)	SA Decachlor...	8.585	7.539	227.4E6	168.8E6	37.938	38.370
Target Compounds							
3)	L1 AR-1016-1	4.505	3.766	110.2E6	54540720	373.812	387.768
4)	L1 AR-1016-2	4.524	3.781	163.6E6	79059183	377.551	386.713
5)	L1 AR-1016-3	4.582	3.941	102.9E6	41735656	376.988	386.775
6)	L1 AR-1016-4	4.673	3.991	86287822	34811193	381.937	386.214
7)	L1 AR-1016-5	4.961	4.185	84173149	43850123	382.377	388.325
8)	L2 AR-1221-1	3.601	2.964	13546984	7757537	125.201	144.545
9)	L2 AR-1221-2	3.684	3.041	14788316	8045518	209.968	227.710
10)	L2 AR-1221-3	3.753	3.109	63207445	29844255	270.202	267.455
11)	L3 AR-1232-1	3.753	3.109	63207445	29844255	314.724	315.368
12)	L3 AR-1232-2	4.247	3.781	85749750	79059183	806.585	839.145
13)	L3 AR-1232-3	4.524	3.941	163.6E6	41735656	811.335	867.621
14)	L3 AR-1232-4	4.673	4.027	86287822	38865155	840.996	932.180
15)	L3 AR-1232-5	4.771	4.185	66011891	43850123	909.953	911.362
16)	L4 AR-1242-1	4.505	3.766	110.2E6	54540720	451.252	462.374
17)	L4 AR-1242-2	4.524	3.781	163.6E6	79059183	458.045	465.501
18)	L4 AR-1242-3	4.582	3.941	102.9E6	41735656	461.677	461.252
19)	L4 AR-1242-4	4.673	4.027	86287822	38865155	464.899	461.165
20)	L4 AR-1242-5	5.390	4.522	21210431	43333629	105.654	385.090 #
21)	L5 AR-1248-1	4.505	3.766	110.2E6	54540720	569.011	580.233
22)	L5 AR-1248-2	4.771	3.991	66011891	34811193	259.114	258.266
23)	L5 AR-1248-3	4.961	4.027	84173149	38865155	274.533	300.831
24)	L5 AR-1248-4	5.354	4.185	29795968	43850123	84.774	276.838 #
25)	L5 AR-1248-5	5.390	4.560	21210431	11610699	61.598	71.370
26)	L6 AR-1254-1	5.327	4.522	77958730	43333629	230.445	183.156
27)	L6 AR-1254-2	5.545	4.669	67247539	31347890	132.020	151.518
28)	L6 AR-1254-3	5.898	5.052	32670369	12991879	59.377	41.083 #
29)	L6 AR-1254-4	6.181	5.278	22185736	4527271	53.948	21.365 #
30)	L6 AR-1254-5	6.594	5.683	217.5E6	124.1E6	481.693	407.477
31)	L7 AR-1260-1	6.063	5.180	157.8E6	87712027	380.041	384.669
32)	L7 AR-1260-2	6.323	5.370	188.7E6	107.8E6	377.292	384.449
33)	L7 AR-1260-3	6.676	5.511	142.2E6	102.2E6	383.262	385.009
34)	L7 AR-1260-4	6.894	5.974	159.4E6	86164485	382.199	385.078
35)	L7 AR-1260-5	7.206	6.220	303.1E6	193.2E6	377.482	382.716
36)	L8 AR-1262-1	6.676	5.726	142.2E6	86301141	268.056	273.140
37)	L8 AR-1262-2	7.206	6.220	303.1E6	193.2E6	337.010	334.429
38)	L8 AR-1262-3	7.483	6.499	193.3E6	45898321	319.932	190.996 #
39)	L8 AR-1262-4	7.554	6.557	121.3E6	147.8E6	258.367	337.717 #
40)	L8 AR-1262-5	8.059	7.054	79827806	55767149	260.029	262.036
41)	L9 AR-1268-1	7.483	6.499	193.3E6	45898321	240.328	84.910 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041323\
 Data File : PQ060985.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2023 12:02
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

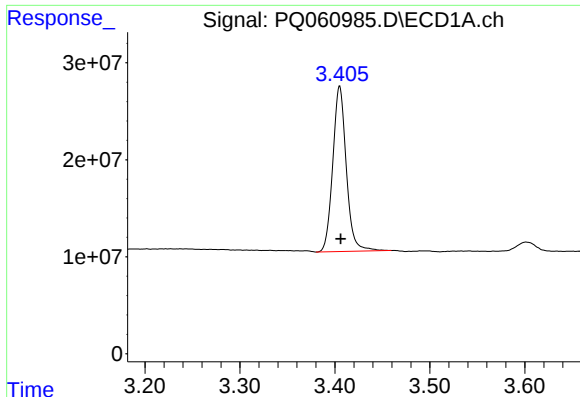
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 13 22:57:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ041223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 13 01:33:58 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	7.554	6.557	121.3E6	147.8E6	165.405	301.302 #
43) L9	AR-1268-3	7.739	6.763	4080053	2714350	6.706	6.409
44) L9	AR-1268-4	8.059	7.054	79827806	55767149	296.817	291.934
45) L9	AR-1268-5	8.351	7.322	21368386	15925829	12.285	11.778

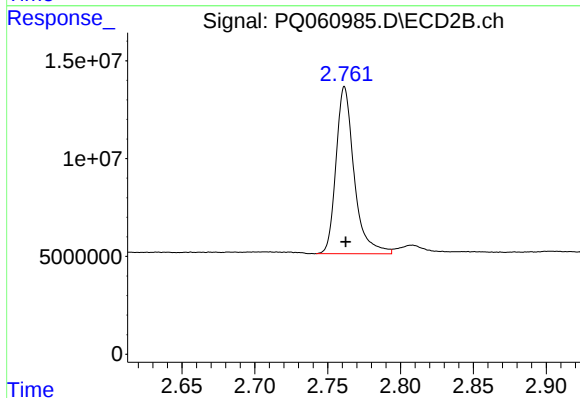
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

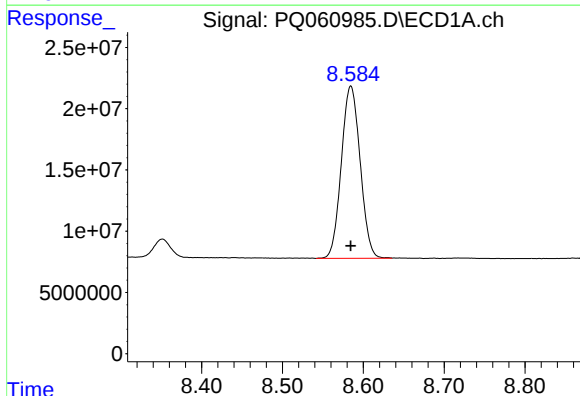
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 168806274
Conc: 19.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



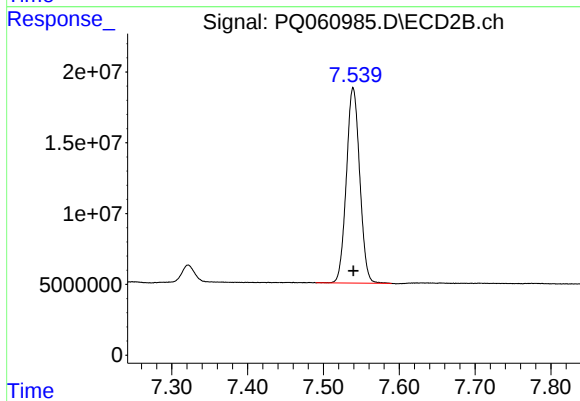
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 74038868
Conc: 19.06 ng/ml



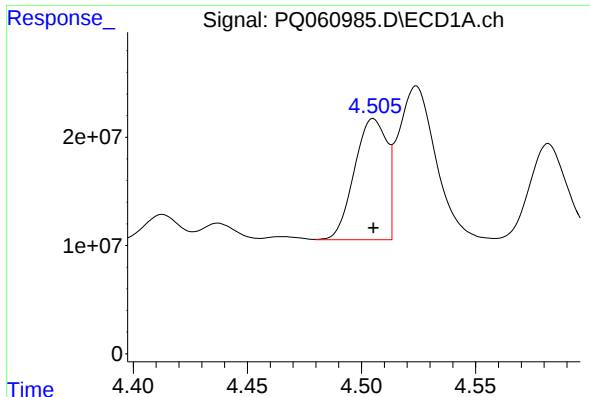
#2 Decachlorobiphenyl

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 227422244
Conc: 37.94 ng/ml



#2 Decachlorobiphenyl

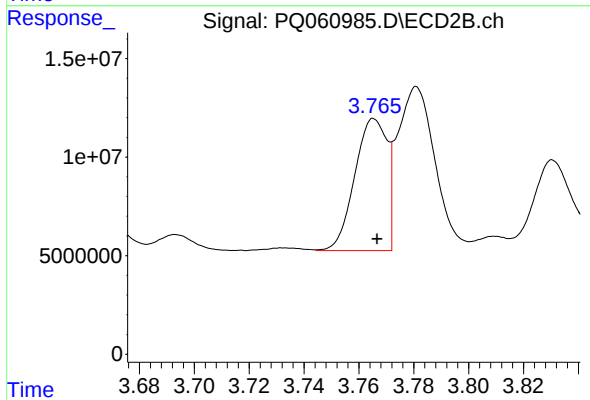
R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 168843980
Conc: 38.37 ng/ml



#3 AR-1016-1

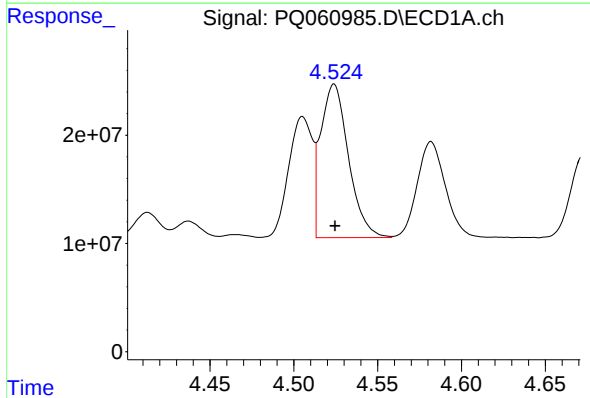
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 110215744
Conc: 373.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



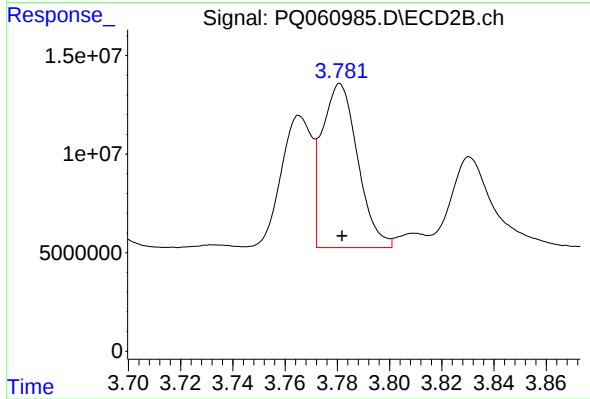
#3 AR-1016-1

R.T.: 3.766 min
Delta R.T.: -0.001 min
Response: 54540720
Conc: 387.77 ng/ml



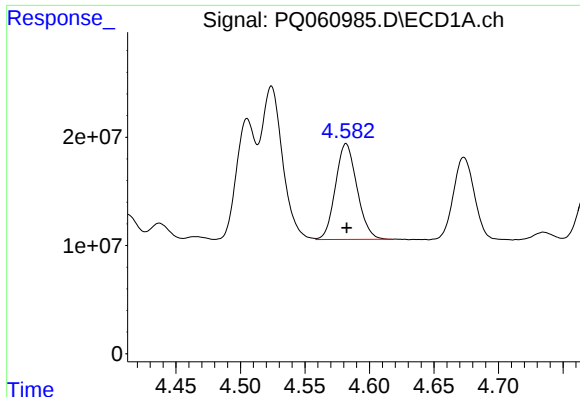
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 163591176
Conc: 377.55 ng/ml



#4 AR-1016-2

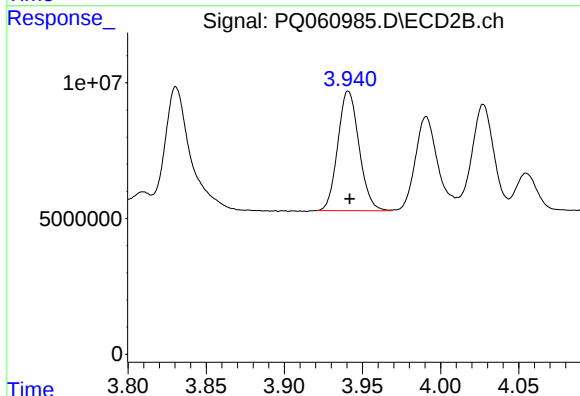
R.T.: 3.781 min
Delta R.T.: 0.000 min
Response: 79059183
Conc: 386.71 ng/ml



#5 AR-1016-3

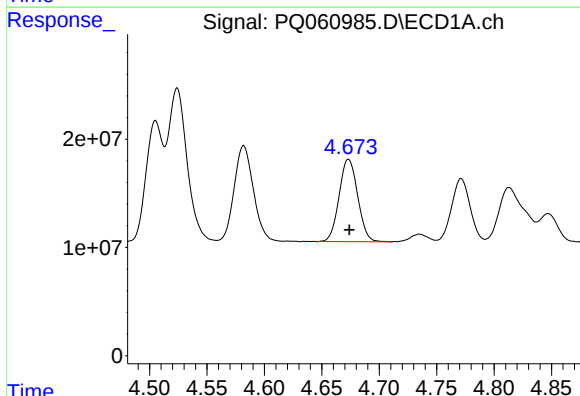
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 102942455
Conc: 376.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



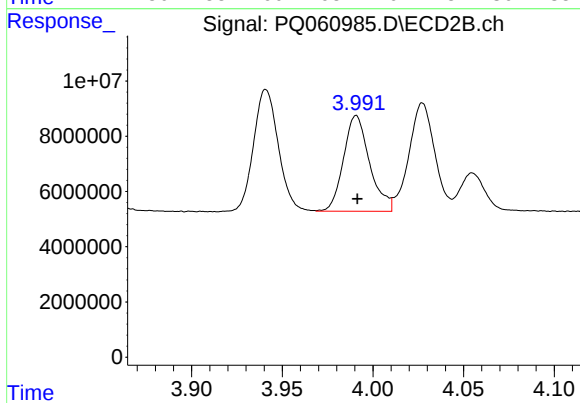
#5 AR-1016-3

R.T.: 3.941 min
Delta R.T.: 0.000 min
Response: 41735656
Conc: 386.77 ng/ml



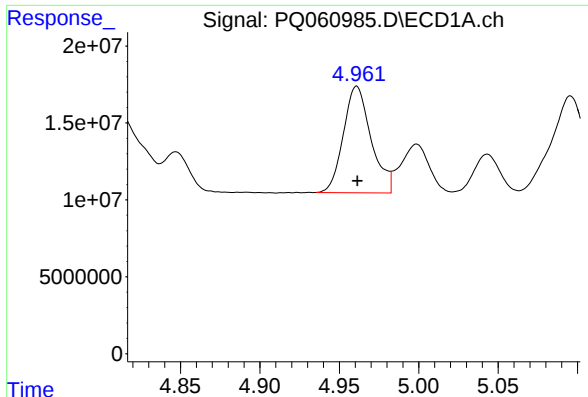
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 86287822
Conc: 381.94 ng/ml



#6 AR-1016-4

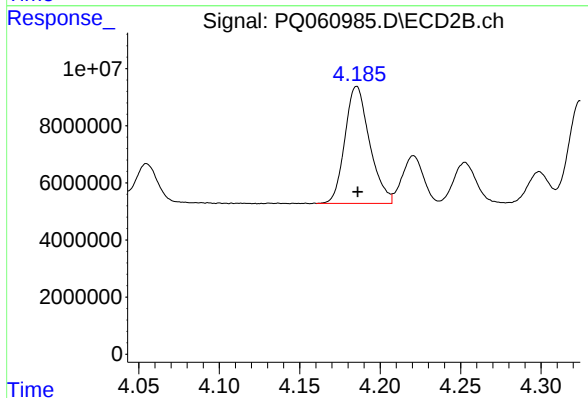
R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 34811193
Conc: 386.21 ng/ml



#7 AR-1016-5

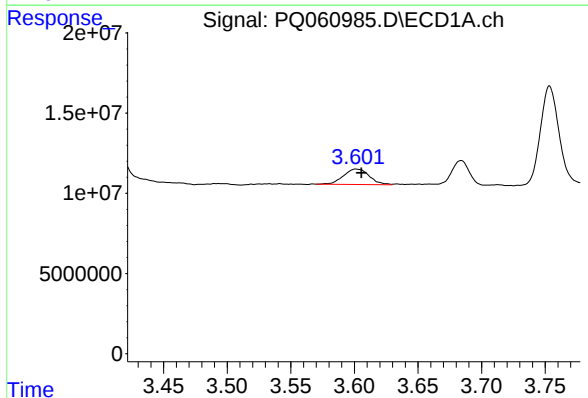
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 84173149
Conc: 382.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



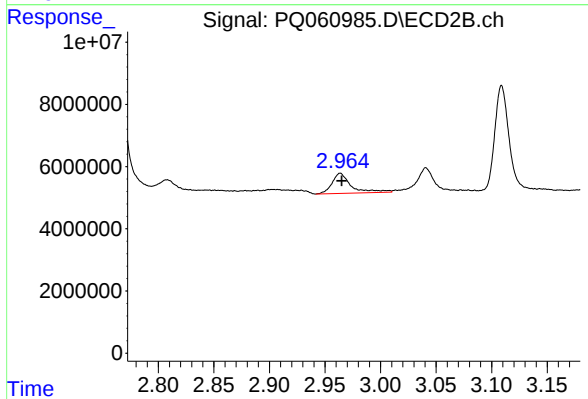
#7 AR-1016-5

R.T.: 4.185 min
Delta R.T.: 0.000 min
Response: 43850123
Conc: 388.32 ng/ml



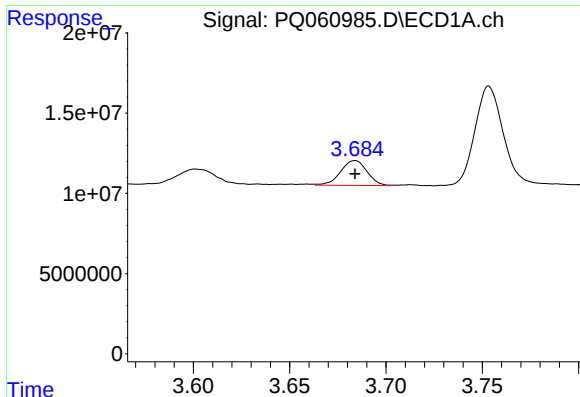
#8 AR-1221-1

R.T.: 3.601 min
Delta R.T.: -0.004 min
Response: 13546984
Conc: 125.20 ng/ml



#8 AR-1221-1

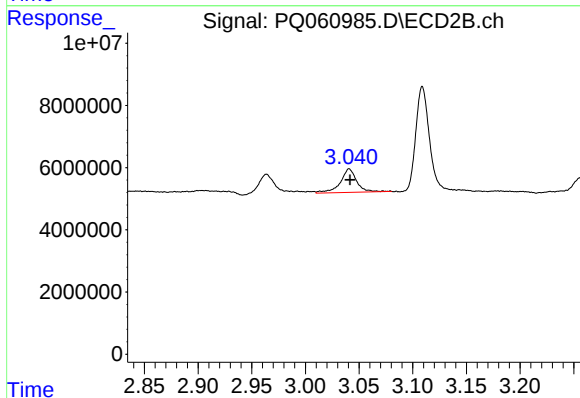
R.T.: 2.964 min
Delta R.T.: -0.001 min
Response: 7757537
Conc: 144.54 ng/ml



#9 AR-1221-2

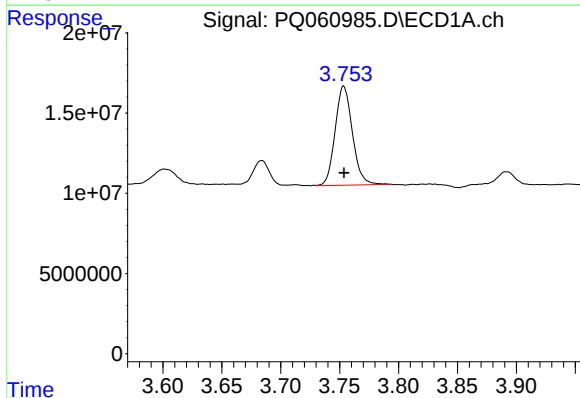
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 14788316
Conc: 209.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



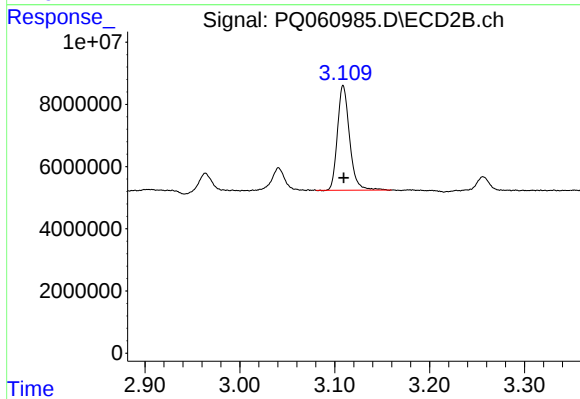
#9 AR-1221-2

R.T.: 3.041 min
Delta R.T.: 0.000 min
Response: 8045518
Conc: 227.71 ng/ml



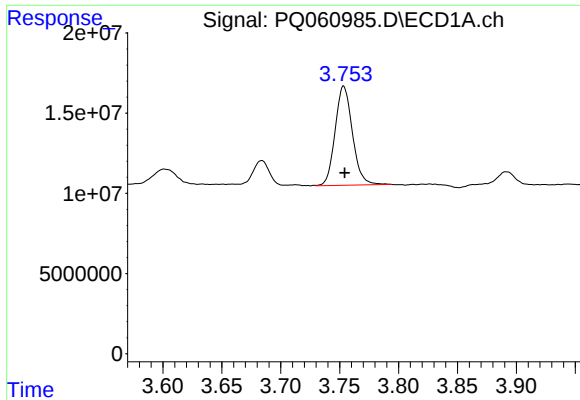
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 63207445
Conc: 270.20 ng/ml



#10 AR-1221-3

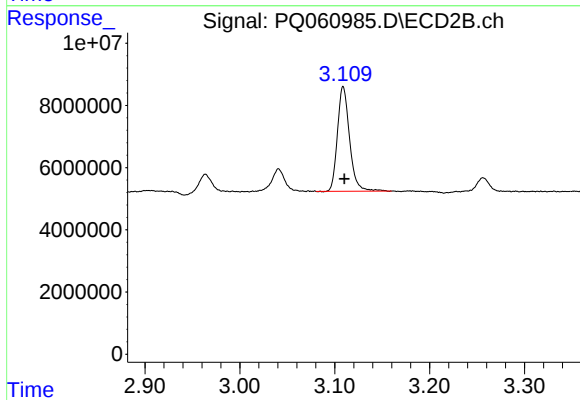
R.T.: 3.109 min
Delta R.T.: 0.000 min
Response: 29844255
Conc: 267.45 ng/ml



#11 AR-1232-1

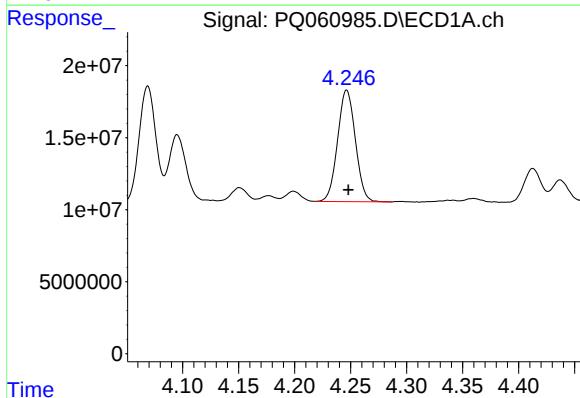
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 63207445
Conc: 314.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



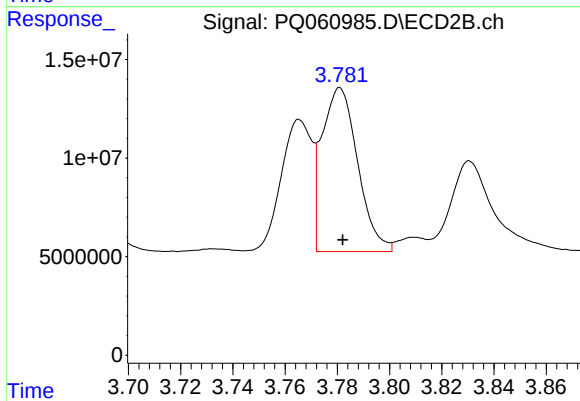
#11 AR-1232-1

R.T.: 3.109 min
Delta R.T.: -0.001 min
Response: 29844255
Conc: 315.37 ng/ml



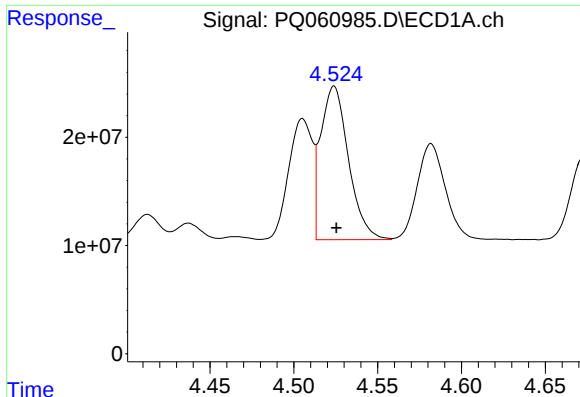
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: -0.001 min
Response: 85749750
Conc: 806.58 ng/ml



#12 AR-1232-2

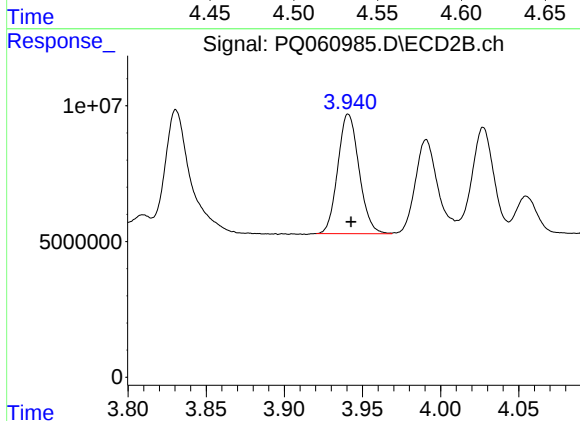
R.T.: 3.781 min
Delta R.T.: -0.001 min
Response: 79059183
Conc: 839.14 ng/ml



#13 AR-1232-3

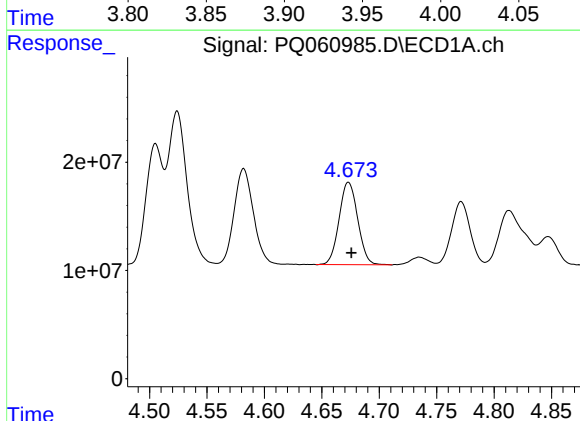
R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 163591176
Conc: 811.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



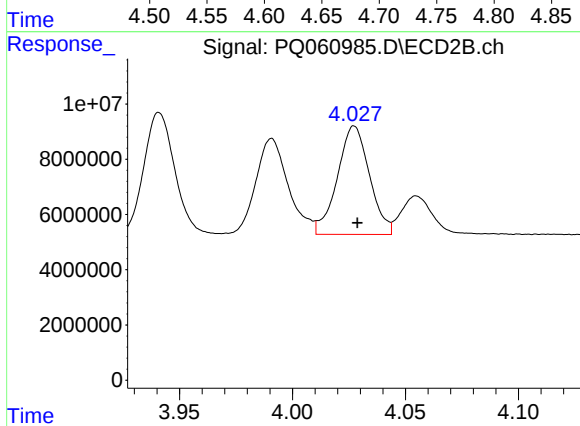
#13 AR-1232-3

R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 41735656
Conc: 867.62 ng/ml



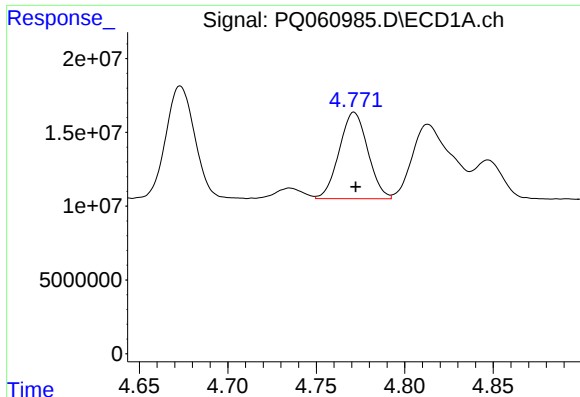
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: -0.003 min
Response: 86287822
Conc: 841.00 ng/ml



#14 AR-1232-4

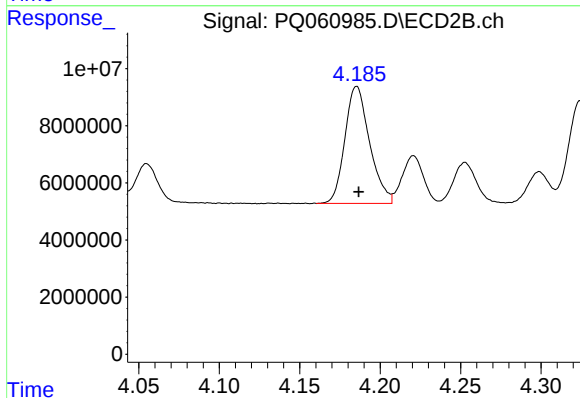
R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 38865155
Conc: 932.18 ng/ml



#15 AR-1232-5

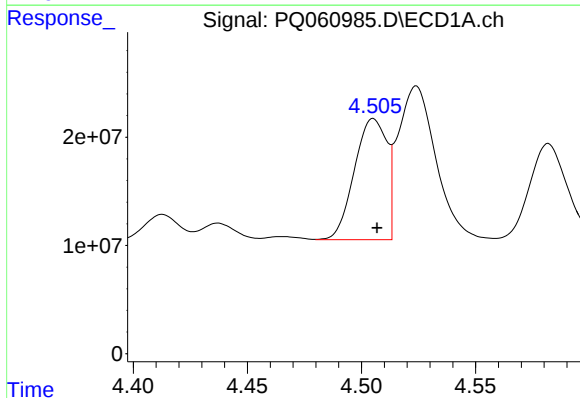
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 66011891
Conc: 909.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



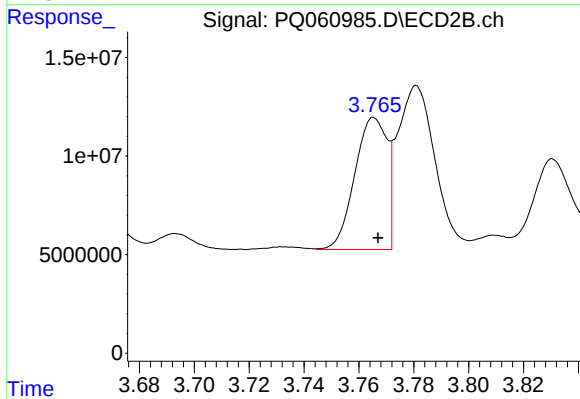
#15 AR-1232-5

R.T.: 4.185 min
Delta R.T.: -0.001 min
Response: 43850123
Conc: 911.36 ng/ml



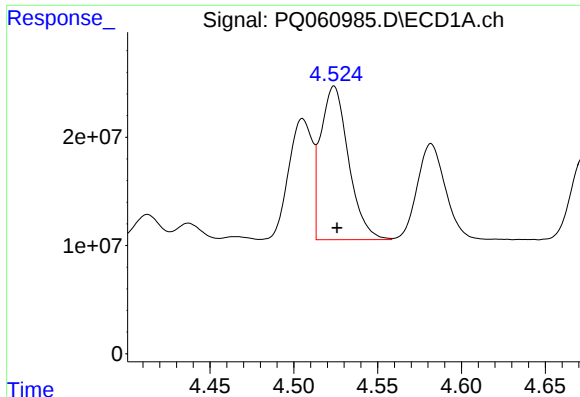
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: -0.002 min
Response: 110215744
Conc: 451.25 ng/ml



#16 AR-1242-1

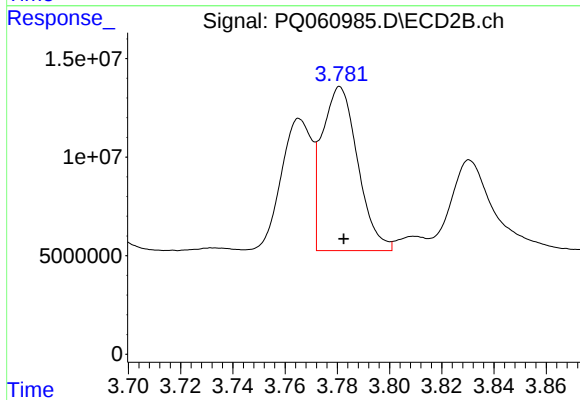
R.T.: 3.766 min
Delta R.T.: -0.001 min
Response: 54540720
Conc: 462.37 ng/ml



#17 AR-1242-2

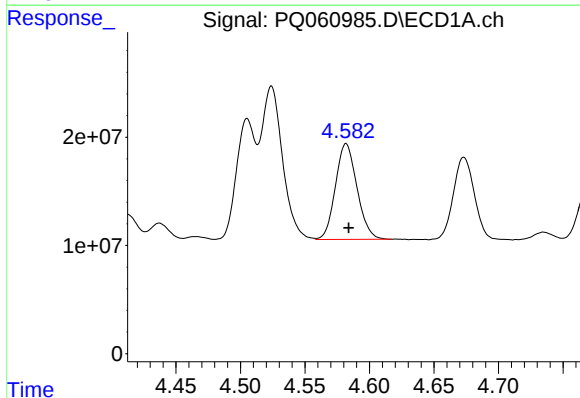
R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 163591176
Conc: 458.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



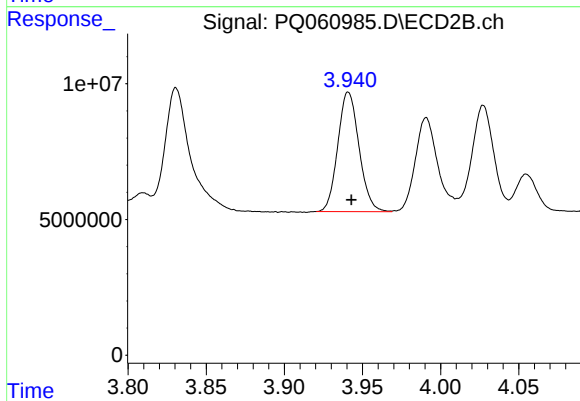
#17 AR-1242-2

R.T.: 3.781 min
Delta R.T.: -0.001 min
Response: 79059183
Conc: 465.50 ng/ml



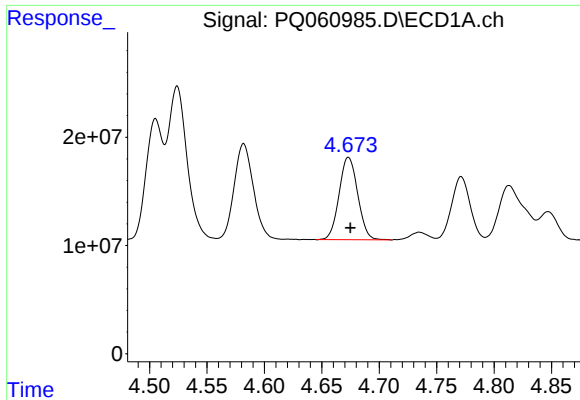
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: -0.002 min
Response: 102942455
Conc: 461.68 ng/ml



#18 AR-1242-3

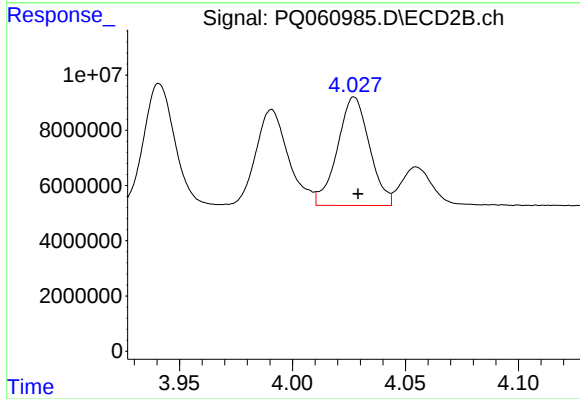
R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 41735656
Conc: 461.25 ng/ml



#19 AR-1242-4

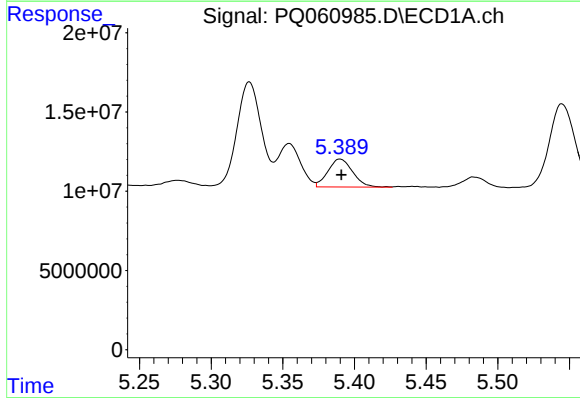
R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 86287822
Conc: 464.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



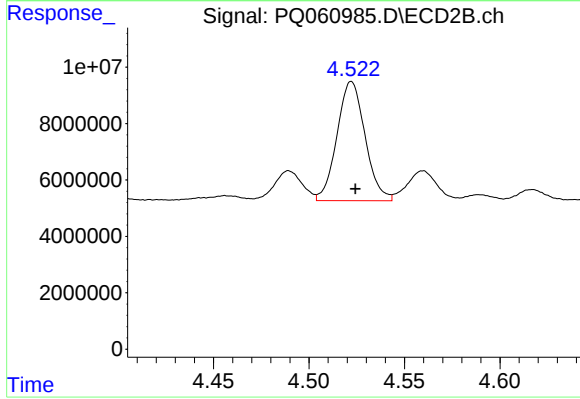
#19 AR-1242-4

R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 38865155
Conc: 461.16 ng/ml



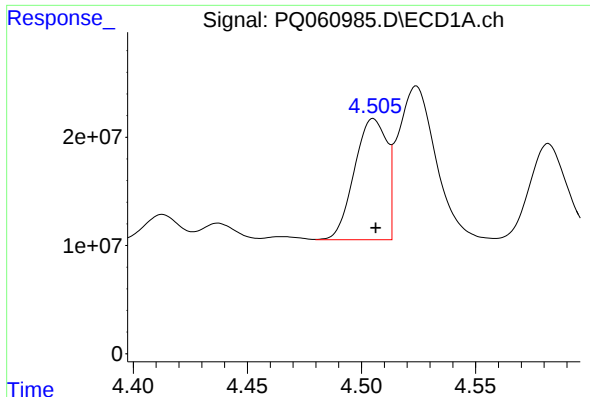
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 21210431
Conc: 105.65 ng/ml



#20 AR-1242-5

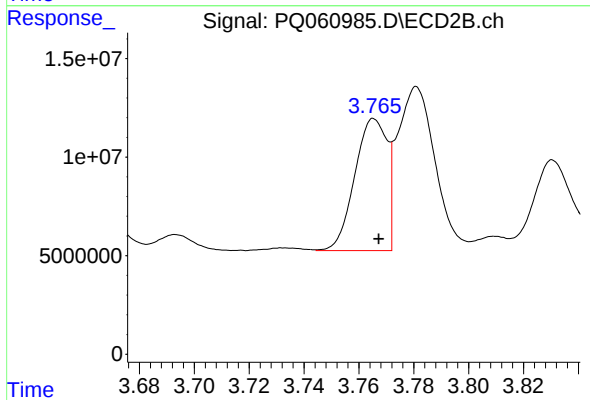
R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 43333629
Conc: 385.09 ng/ml



#21 AR-1248-1

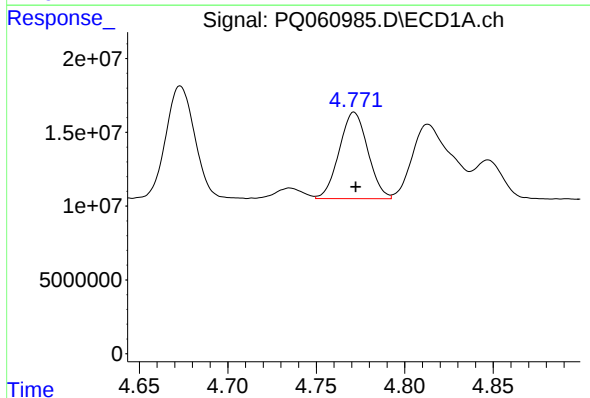
R.T.: 4.505 min
Delta R.T.: -0.001 min
Response: 110215744
Conc: 569.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



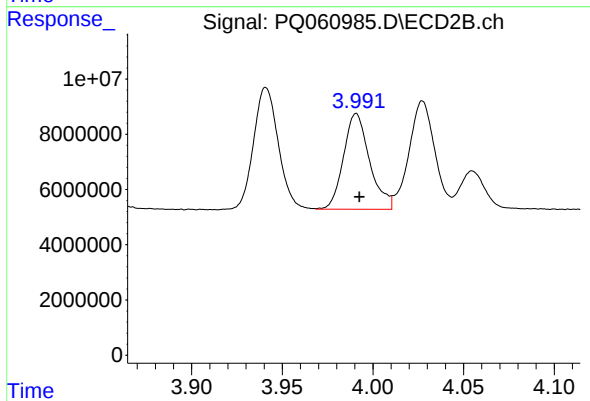
#21 AR-1248-1

R.T.: 3.766 min
Delta R.T.: -0.002 min
Response: 54540720
Conc: 580.23 ng/ml



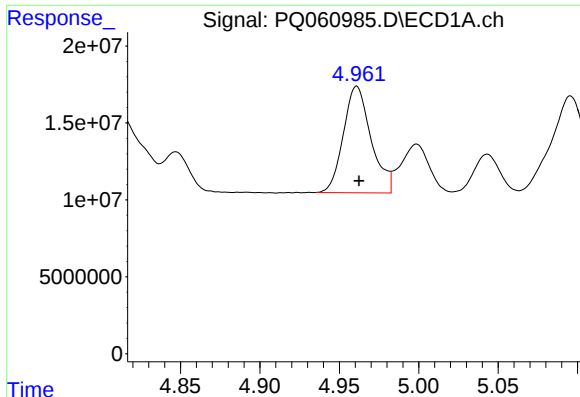
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 66011891
Conc: 259.11 ng/ml



#22 AR-1248-2

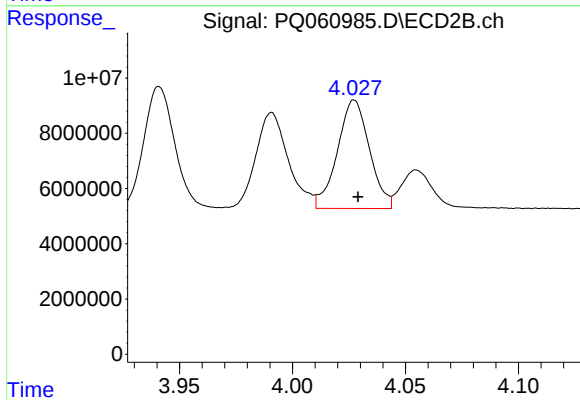
R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 34811193
Conc: 258.27 ng/ml



#23 AR-1248-3

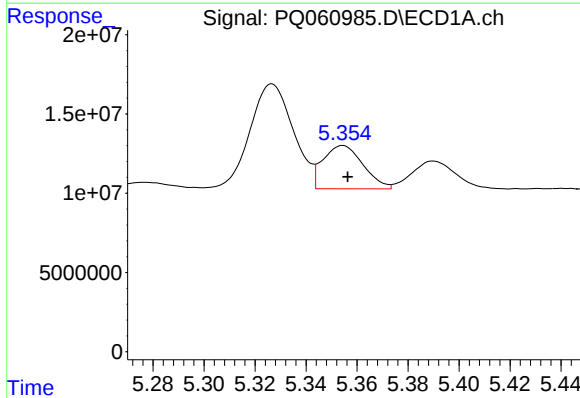
R.T.: 4.961 min
Delta R.T.: -0.001 min
Response: 84173149
Conc: 274.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



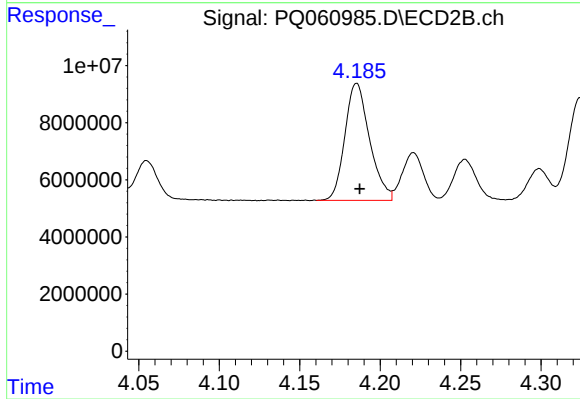
#23 AR-1248-3

R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 38865155
Conc: 300.83 ng/ml



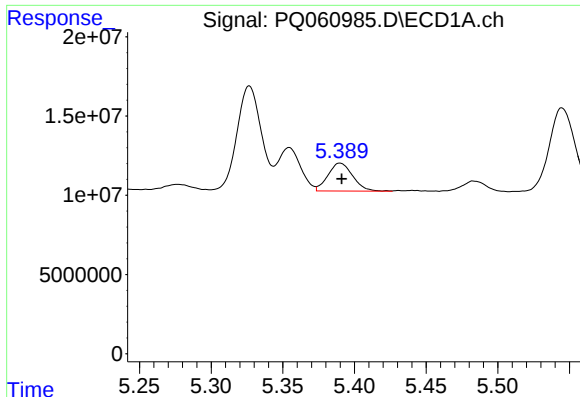
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: -0.002 min
Response: 29795968
Conc: 84.77 ng/ml



#24 AR-1248-4

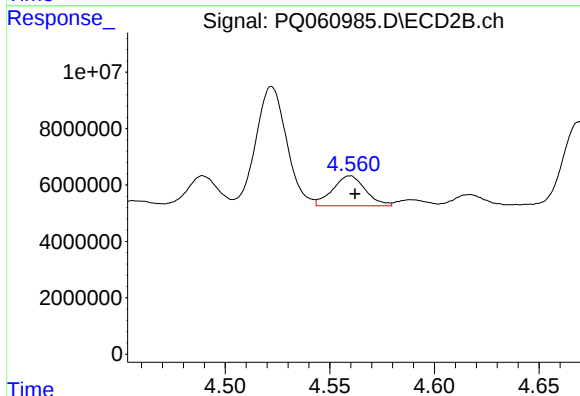
R.T.: 4.185 min
Delta R.T.: -0.002 min
Response: 43850123
Conc: 276.84 ng/ml



#25 AR-1248-5

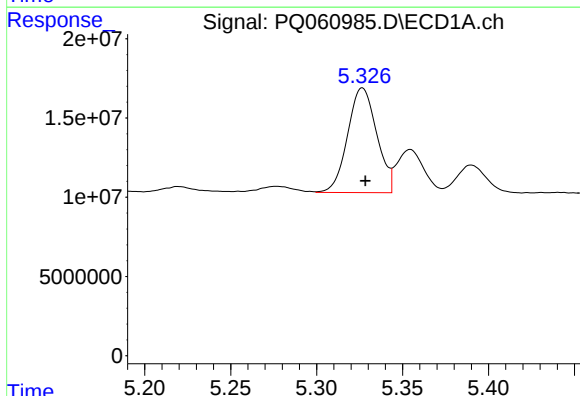
R.T.: 5.390 min
Delta R.T.: -0.001 min
Response: 21210431
Conc: 61.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



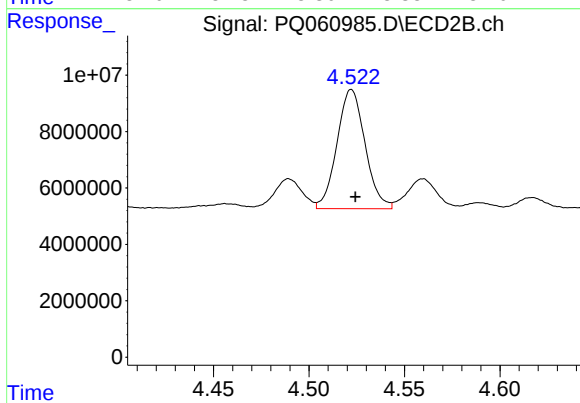
#25 AR-1248-5

R.T.: 4.560 min
Delta R.T.: -0.002 min
Response: 11610699
Conc: 71.37 ng/ml



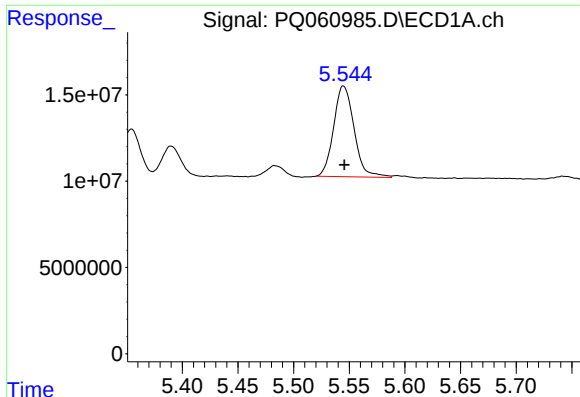
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.002 min
Response: 77958730
Conc: 230.44 ng/ml



#26 AR-1254-1

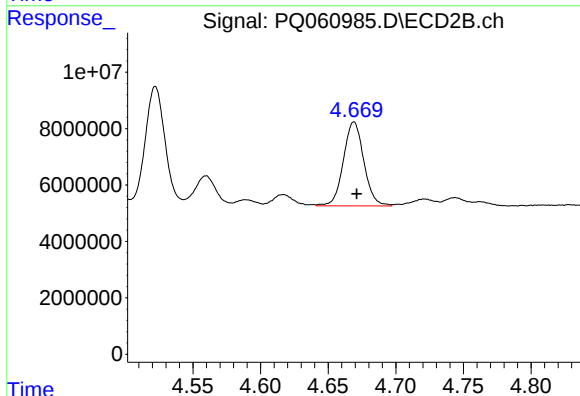
R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 43333629
Conc: 183.16 ng/ml



#27 AR-1254-2

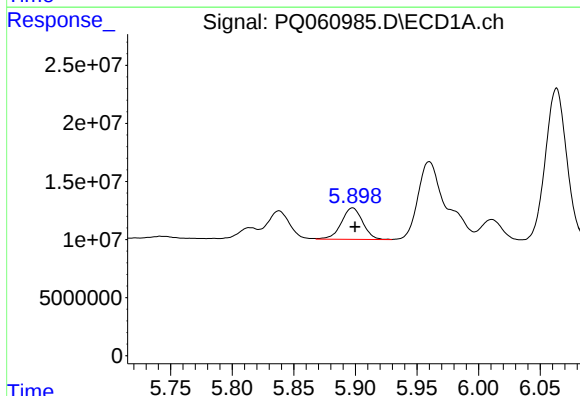
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 67247539
Conc: 132.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



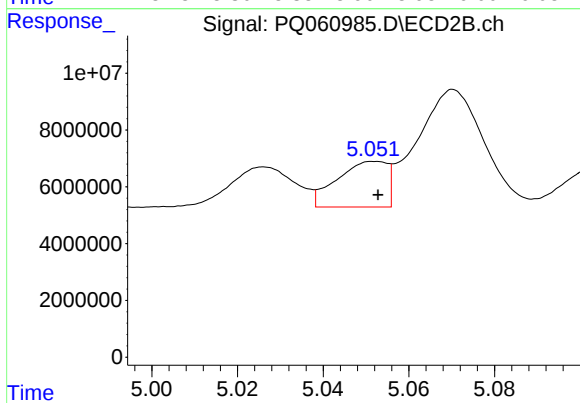
#27 AR-1254-2

R.T.: 4.669 min
Delta R.T.: -0.002 min
Response: 31347890
Conc: 151.52 ng/ml



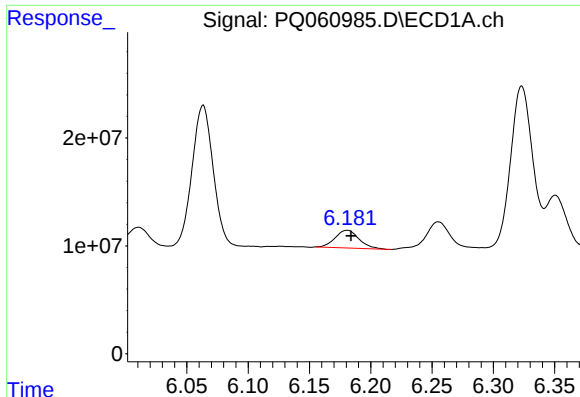
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 32670369
Conc: 59.38 ng/ml



#28 AR-1254-3

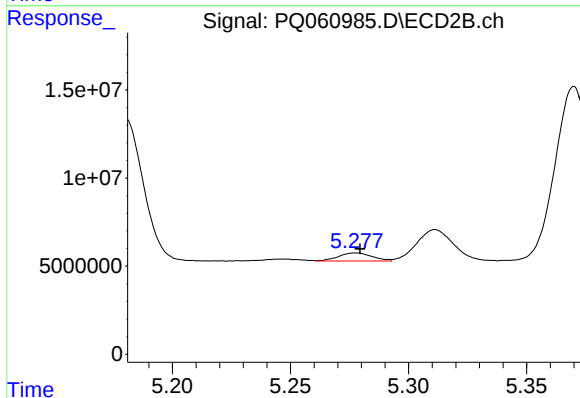
R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 12991879
Conc: 41.08 ng/ml



#29 AR-1254-4

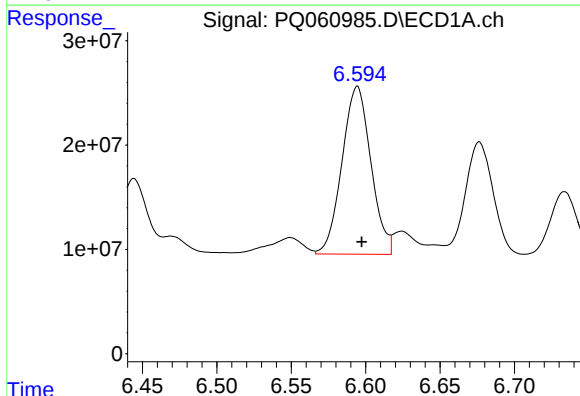
R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 22185736
Conc: 53.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



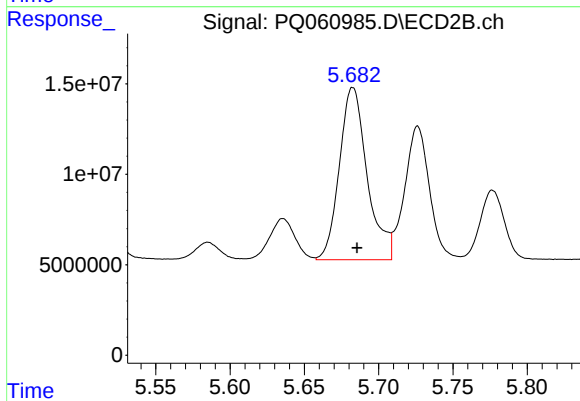
#29 AR-1254-4

R.T.: 5.278 min
Delta R.T.: -0.002 min
Response: 4527271
Conc: 21.36 ng/ml



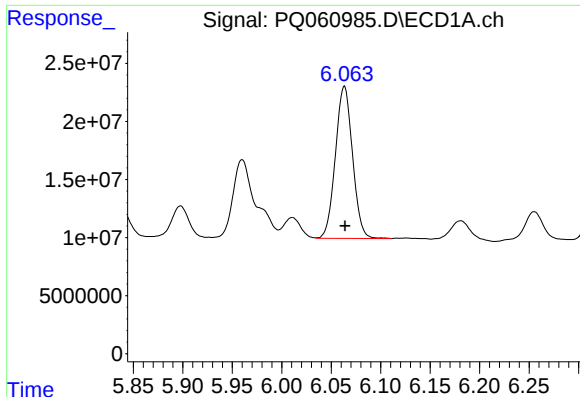
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.003 min
Response: 217511345
Conc: 481.69 ng/ml



#30 AR-1254-5

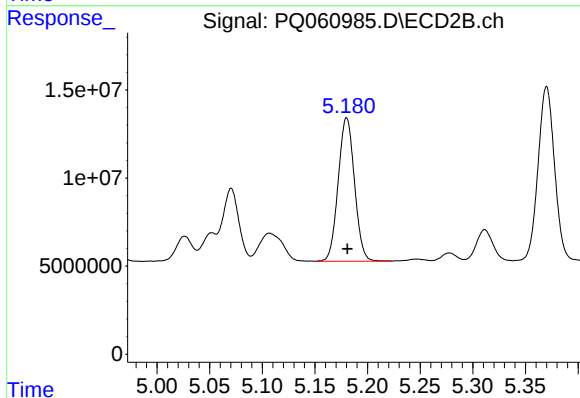
R.T.: 5.683 min
Delta R.T.: -0.003 min
Response: 124102986
Conc: 407.48 ng/ml



#31 AR-1260-1

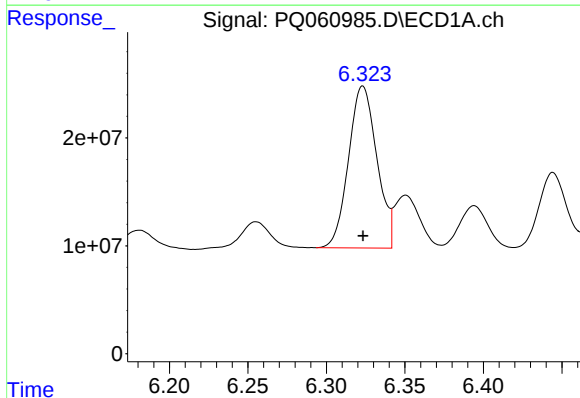
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 157810022
Conc: 380.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



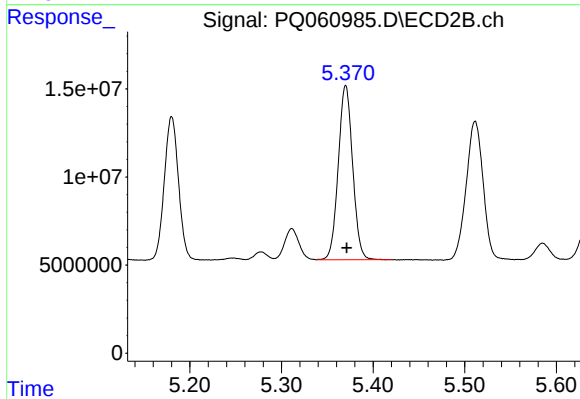
#31 AR-1260-1

R.T.: 5.180 min
Delta R.T.: 0.000 min
Response: 87712027
Conc: 384.67 ng/ml



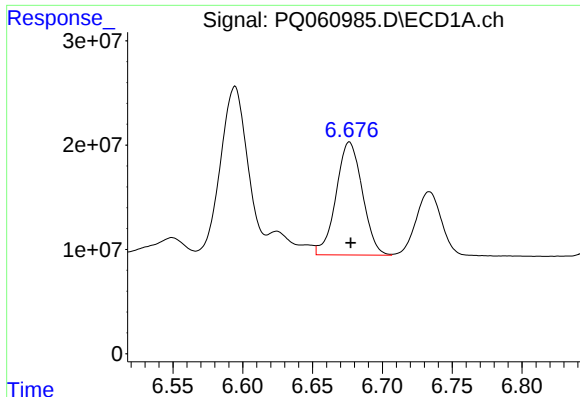
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 188670198
Conc: 377.29 ng/ml



#32 AR-1260-2

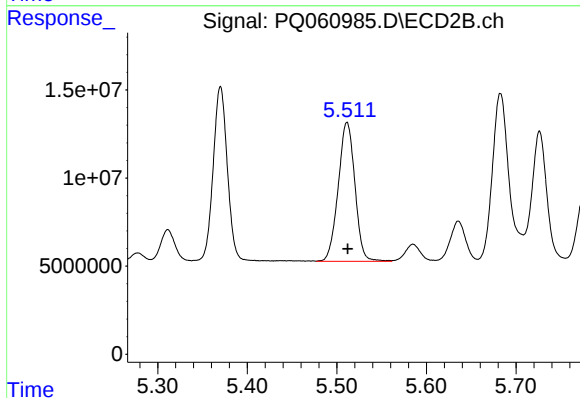
R.T.: 5.370 min
Delta R.T.: -0.001 min
Response: 107836043
Conc: 384.45 ng/ml



#33 AR-1260-3

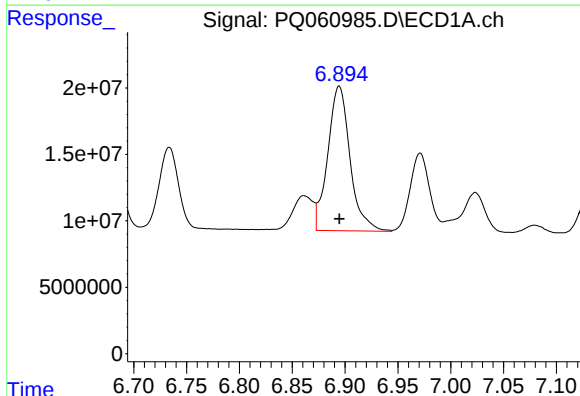
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 142168706
Conc: 383.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



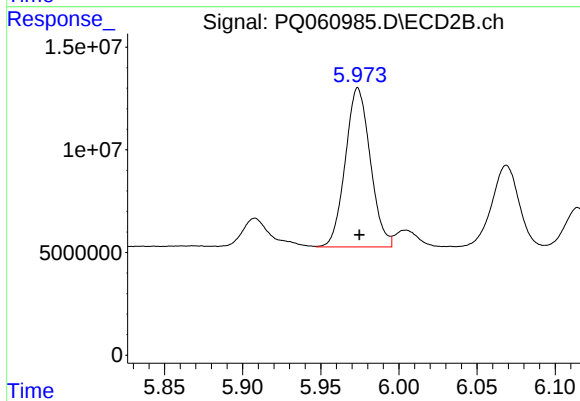
#33 AR-1260-3

R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 102206539
Conc: 385.01 ng/ml



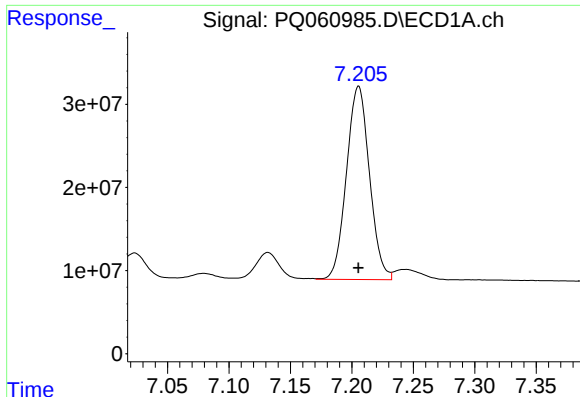
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 159353088
Conc: 382.20 ng/ml



#34 AR-1260-4

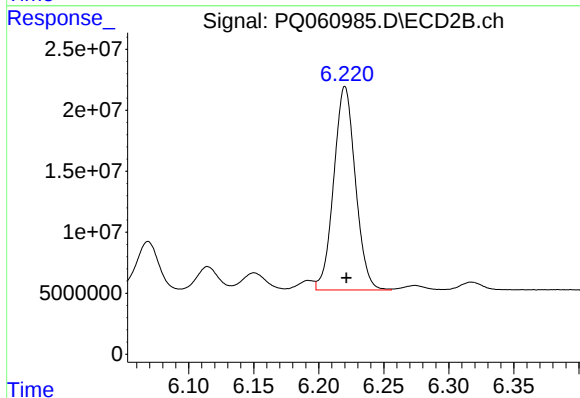
R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 86164485
Conc: 385.08 ng/ml



#35 AR-1260-5

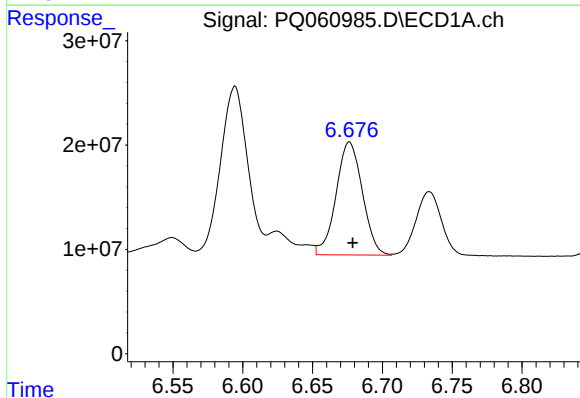
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 303106516
Conc: 377.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



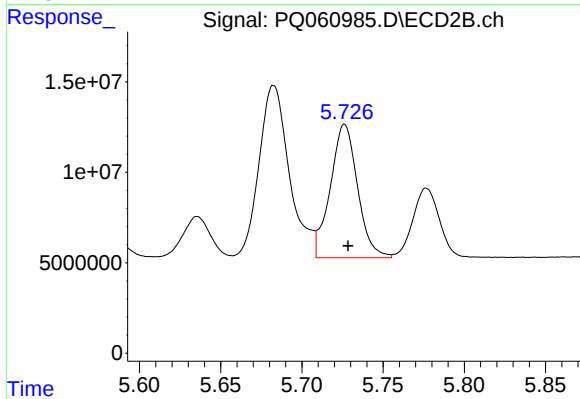
#35 AR-1260-5

R.T.: 6.220 min
Delta R.T.: -0.001 min
Response: 193221123
Conc: 382.72 ng/ml



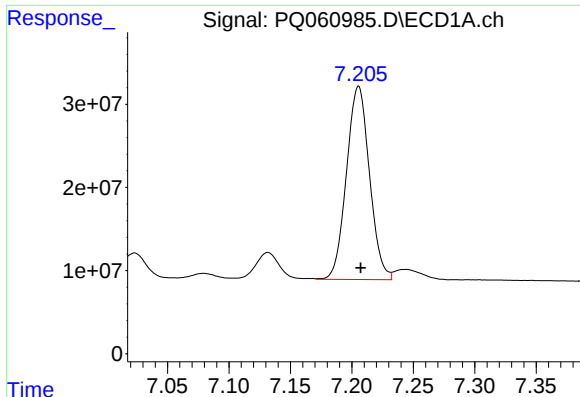
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 142168706
Conc: 268.06 ng/ml



#36 AR-1262-1

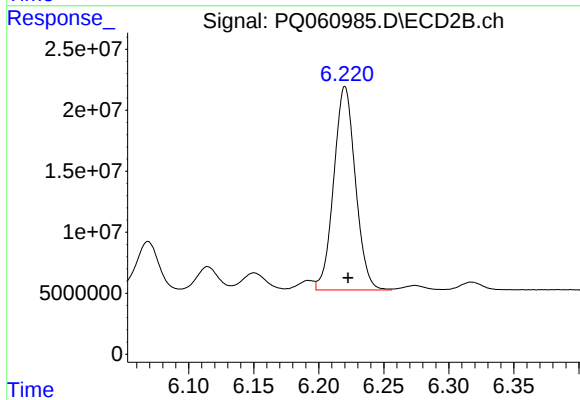
R.T.: 5.726 min
Delta R.T.: -0.002 min
Response: 86301141
Conc: 273.14 ng/ml



#37 AR-1262-2

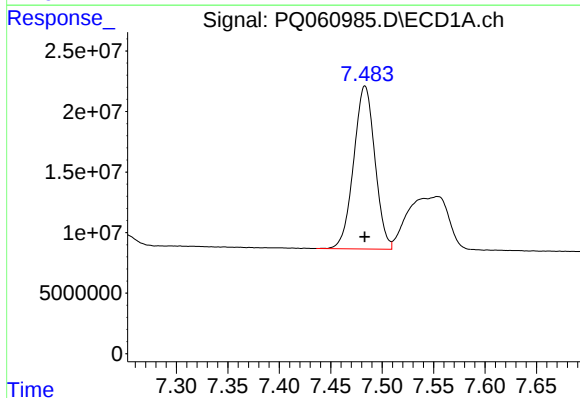
R.T.: 7.206 min
Delta R.T.: -0.002 min
Response: 303106516
Conc: 337.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



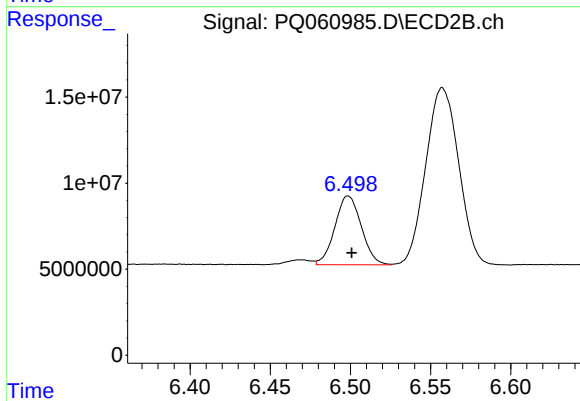
#37 AR-1262-2

R.T.: 6.220 min
Delta R.T.: -0.002 min
Response: 193221123
Conc: 334.43 ng/ml



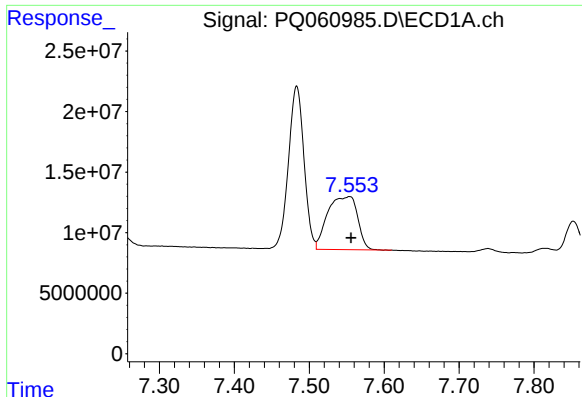
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 193254330
Conc: 319.93 ng/ml



#38 AR-1262-3

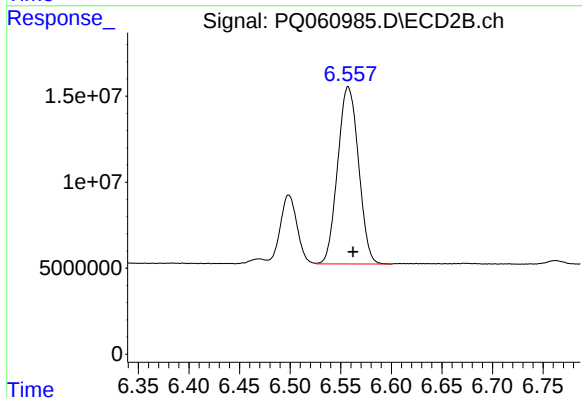
R.T.: 6.499 min
Delta R.T.: -0.002 min
Response: 45898321
Conc: 191.00 ng/ml



#39 AR-1262-4

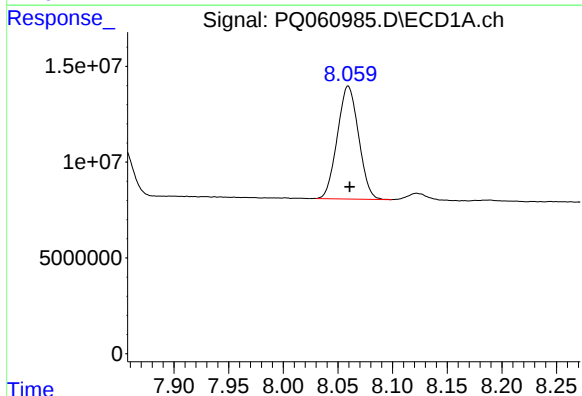
R.T.: 7.554 min
Delta R.T.: -0.002 min
Response: 121298501
Conc: 258.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



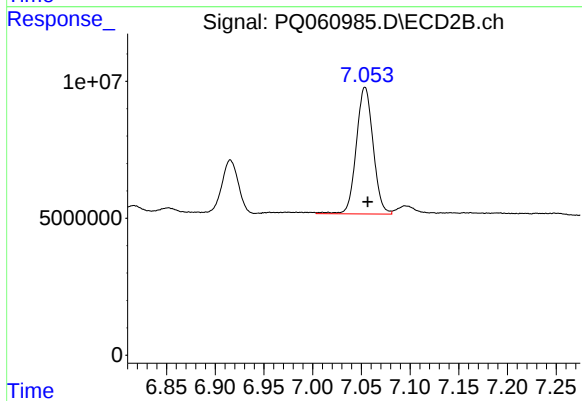
#39 AR-1262-4

R.T.: 6.557 min
Delta R.T.: -0.005 min
Response: 147776581
Conc: 337.72 ng/ml



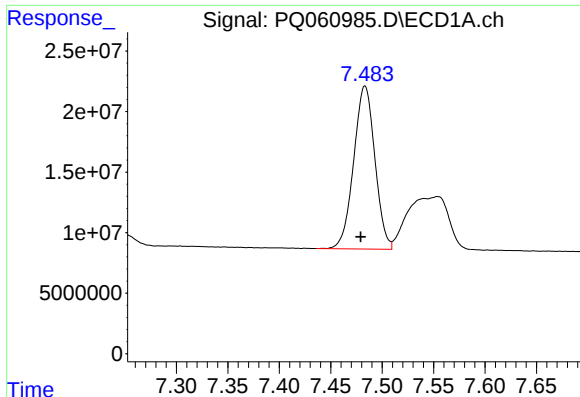
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: -0.001 min
Response: 79827806
Conc: 260.03 ng/ml



#40 AR-1262-5

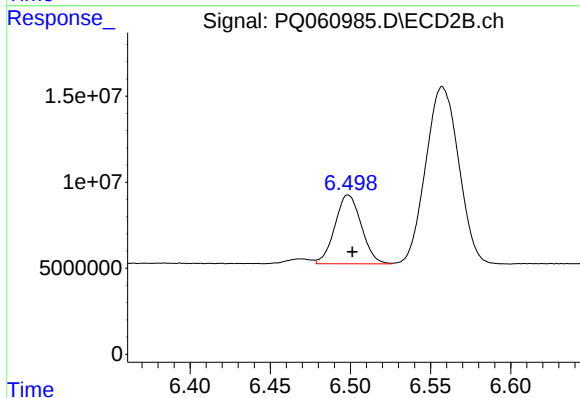
R.T.: 7.054 min
Delta R.T.: -0.003 min
Response: 55767149
Conc: 262.04 ng/ml



#41 AR-1268-1

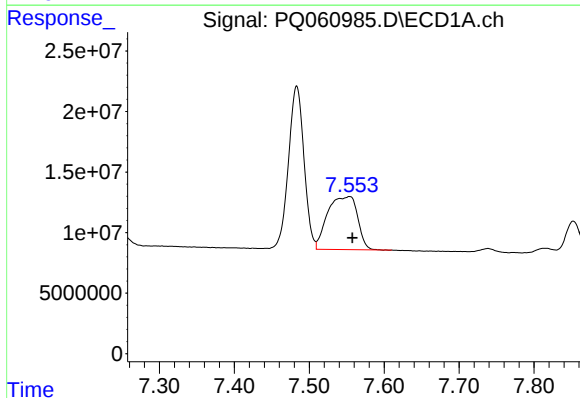
R.T.: 7.483 min
Delta R.T.: 0.004 min
Response: 193254330
Conc: 240.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



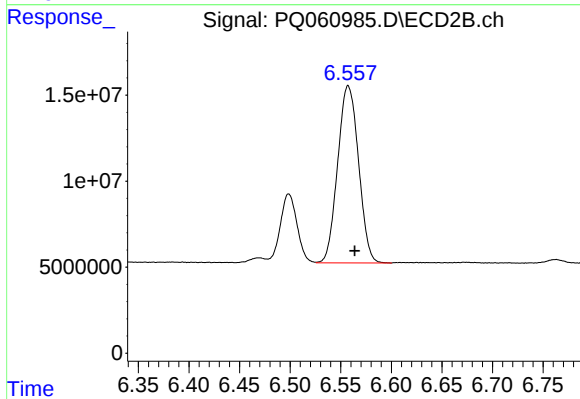
#41 AR-1268-1

R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 45898321
Conc: 84.91 ng/ml



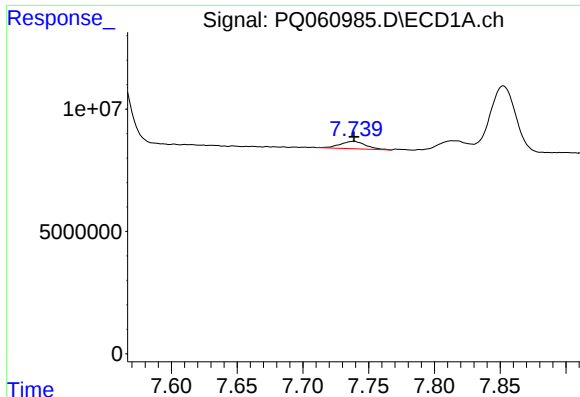
#42 AR-1268-2

R.T.: 7.554 min
Delta R.T.: -0.003 min
Response: 121298501
Conc: 165.41 ng/ml



#42 AR-1268-2

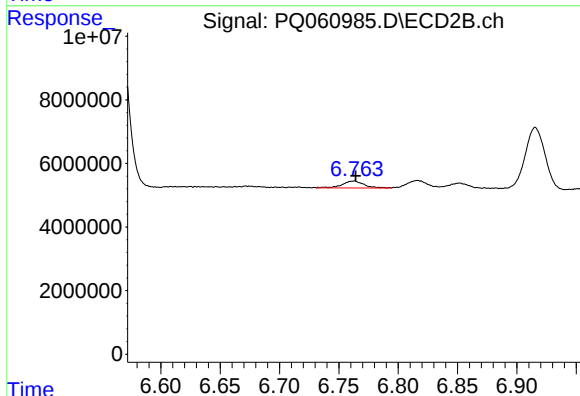
R.T.: 6.557 min
Delta R.T.: -0.006 min
Response: 147776581
Conc: 301.30 ng/ml



#43 AR-1268-3

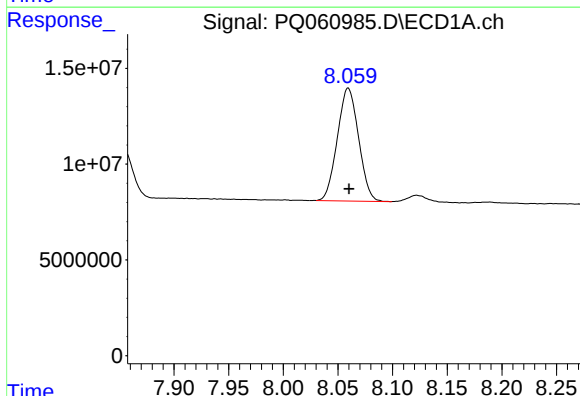
R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 4080053
Conc: 6.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



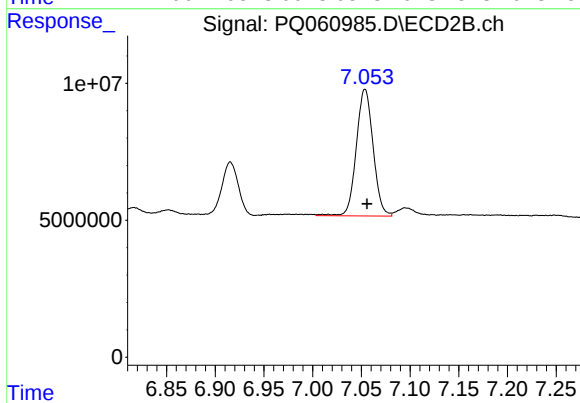
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: -0.001 min
Response: 2714350
Conc: 6.41 ng/ml



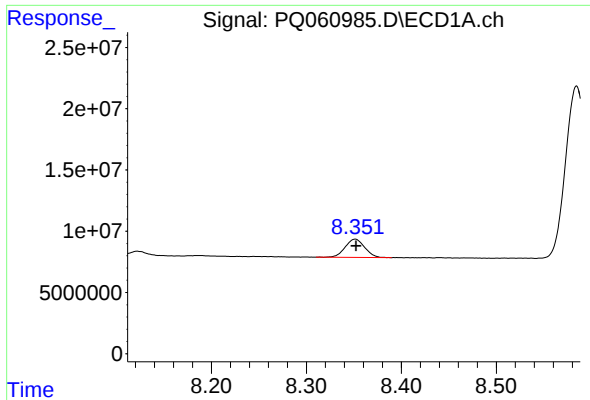
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 79827806
Conc: 296.82 ng/ml



#44 AR-1268-4

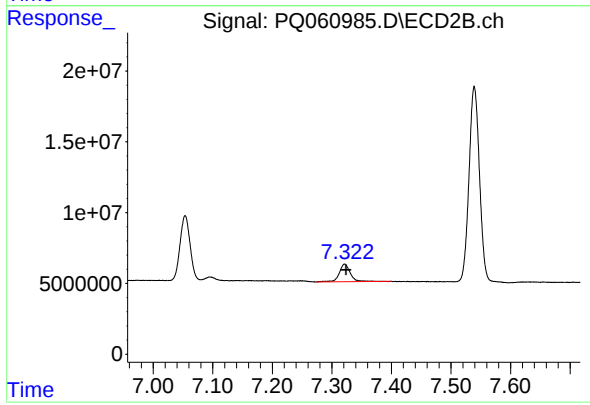
R.T.: 7.054 min
Delta R.T.: -0.002 min
Response: 55767149
Conc: 291.93 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.000 min
Response: 21368386
Conc: 12.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.322 min
Delta R.T.: -0.003 min
Response: 15925829
Conc: 11.78 ng/ml