

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062023\
 Data File : PQ061544.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 09:21
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:20:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 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...	3.405	2.760	207.8E6	119.3E6	46.229	44.672
2)	SA Decachlor...	8.586	7.532	161.4E6	157.9E6	47.900	47.035
Target Compounds							
3)	L1 AR-1016-1	4.506	3.762	72766323	48706708	472.668	472.232
4)	L1 AR-1016-2	4.525	3.777	107.1E6	69476592	469.222	466.335
5)	L1 AR-1016-3	4.583	3.938	65907766	37698264	463.808	477.038
6)	L1 AR-1016-4	4.674	3.987	54815979	32538297	476.090	458.238
7)	L1 AR-1016-5	4.961	4.181	53858126	39861570	466.011	465.598
8)	L2 AR-1221-1	3.602	2.961	7139591	4834791	127.241	135.785
9)	L2 AR-1221-2	3.684	3.038	10513803	6980217	249.141	253.435
10)	L2 AR-1221-3	3.754	3.106	39364023	24906223	300.302	293.912
11)	L3 AR-1232-1	3.754	3.106	39364023	24906223	411.807	404.435
12)	L3 AR-1232-2	4.247	3.777	54353609	69476592	989.404	1008.402
13)	L3 AR-1232-3	4.525	3.938	107.1E6	37698264	1024.890	1042.535
14)	L3 AR-1232-4	4.674	4.024	54815979	35933094	1033.142	1114.867
15)	L3 AR-1232-5	4.772	4.181	42645143	39861570	1130.797	1040.112
16)	L4 AR-1242-1	4.506	3.762	72766323	48706708	641.291	635.947
17)	L4 AR-1242-2	4.525	3.777	107.1E6	69476592	630.511	626.909
18)	L4 AR-1242-3	4.583	3.938	65907766	37698264	616.071	636.984
19)	L4 AR-1242-4	4.674	4.024	54815979	35933094	631.593	600.030
20)	L4 AR-1242-5	5.391	4.518	7358543	32739488	82.971	408.886 #
21)	L5 AR-1248-1	4.506	3.762	72766323	48706708	807.581	782.619
22)	L5 AR-1248-2	4.772	3.987	42645143	32538297	335.457	336.640
23)	L5 AR-1248-3	4.961	4.024	53858126	35933094	349.636	393.084
24)	L5 AR-1248-4	5.355	4.181	8391488	39861570	49.435	352.037 #
25)	L5 AR-1248-5	5.391	4.556	7358543	5042659	44.916	45.786
26)	L6 AR-1254-1	5.328	4.518	41068946	32739488	240.449	199.090
27)	L6 AR-1254-2	5.546	4.665	46568389	32174261	174.163	213.916
28)	L6 AR-1254-3	5.898	5.047	25066779	16669711	89.703	71.637
29)	L6 AR-1254-4	6.182	5.272	16150446	6586335	78.904	45.843 #
30)	L6 AR-1254-5	6.596	5.678	152.7E6	124.2E6	647.201	544.333
31)	L7 AR-1260-1	6.064	5.176	103.6E6	81721683	466.409	475.100
32)	L7 AR-1260-2	6.324	5.365	126.1E6	99633888	474.105	480.781
33)	L7 AR-1260-3	6.678	5.506	78363573	93747704	466.041	472.011
34)	L7 AR-1260-4	6.895	5.969	95757531	70365165	477.128	478.331
35)	L7 AR-1260-5	7.207	6.215	183.4E6	161.1E6	481.820	496.065
36)	L8 AR-1262-1	6.678	5.721	78363573	69634494	261.738	287.333
37)	L8 AR-1262-2	7.207	6.215	183.4E6	161.1E6	363.713	368.555
38)	L8 AR-1262-3	7.485	6.493	117.6E6	33814732	347.939	187.633 #
39)	L8 AR-1262-4	7.556	6.551	29369086	125.0E6	114.359	377.022 #
40)	L8 AR-1262-5	8.061	7.048	43025572	40505130	252.633	252.494
41)	L9 AR-1268-1	7.485	6.493	117.6E6	33814732	213.499	68.827 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062023\
 Data File : PQ061544.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 09:21
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

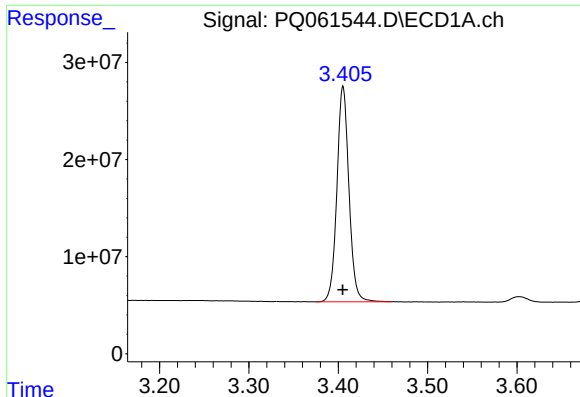
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:20:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 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	7.556	6.551	29369086	125.0E6	59.604	281.040 #
43) L9	AR-1268-3	7.739	6.757	3424741	3416978	8.306	8.728
44) L9	AR-1268-4	8.061	7.048	43025572	40505130	243.072	241.275
45) L9	AR-1268-5	8.352	7.316	14040081	13986070	11.813	11.278

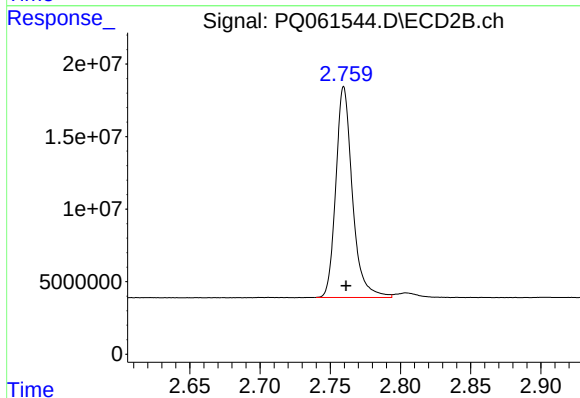
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

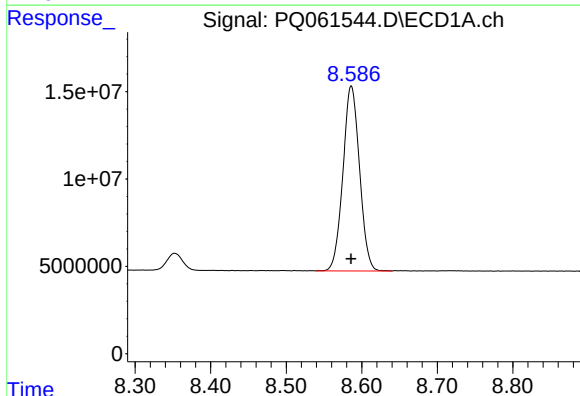
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 207798646
Conc: 46.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



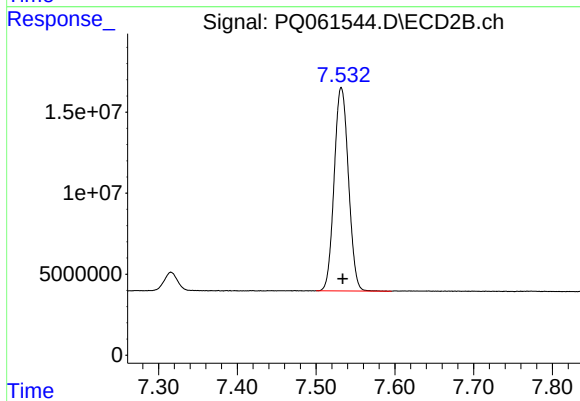
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: -0.002 min
Response: 119291381
Conc: 44.67 ng/ml



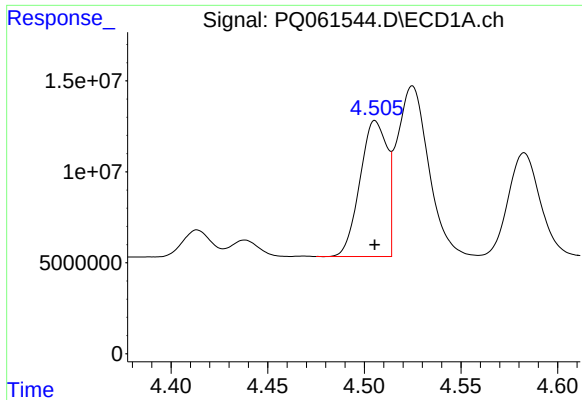
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.000 min
Response: 161358238
Conc: 47.90 ng/ml



#2 Decachlorobiphenyl

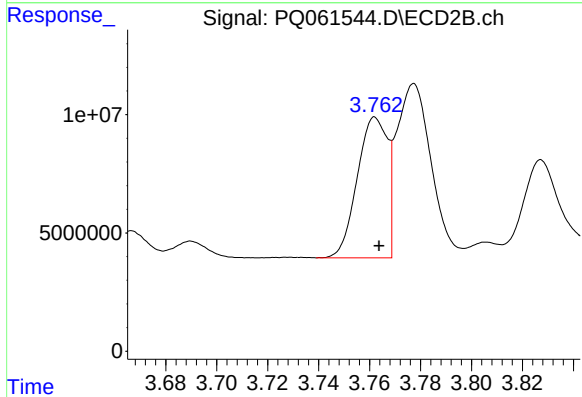
R.T.: 7.532 min
Delta R.T.: -0.002 min
Response: 157874643
Conc: 47.04 ng/ml



#3 AR-1016-1

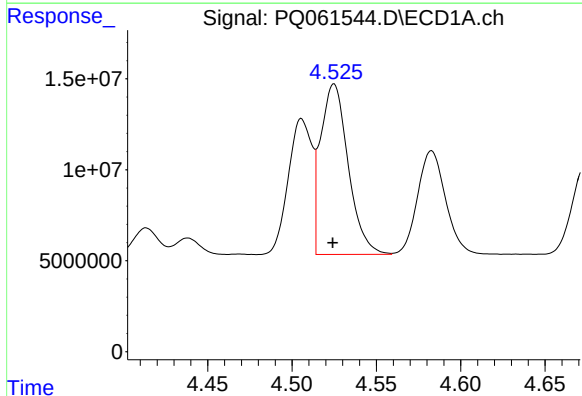
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 72766323
Conc: 472.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



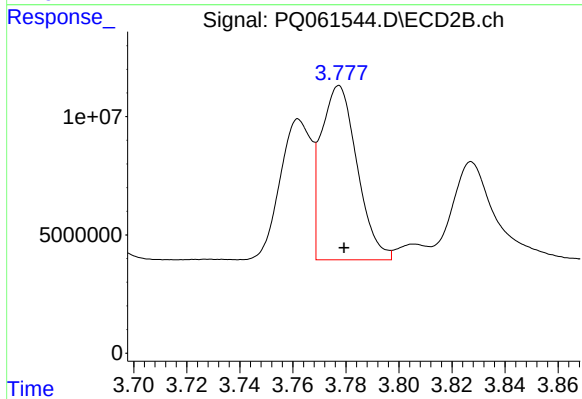
#3 AR-1016-1

R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 48706708
Conc: 472.23 ng/ml



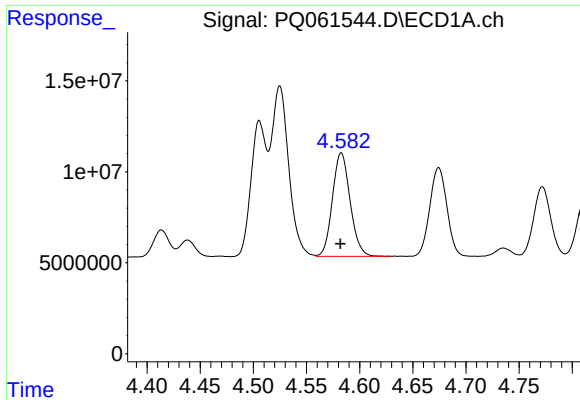
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 107059812
Conc: 469.22 ng/ml



#4 AR-1016-2

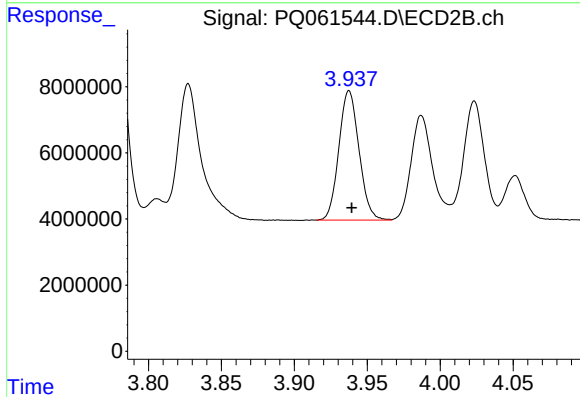
R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 69476592
Conc: 466.33 ng/ml



#5 AR-1016-3

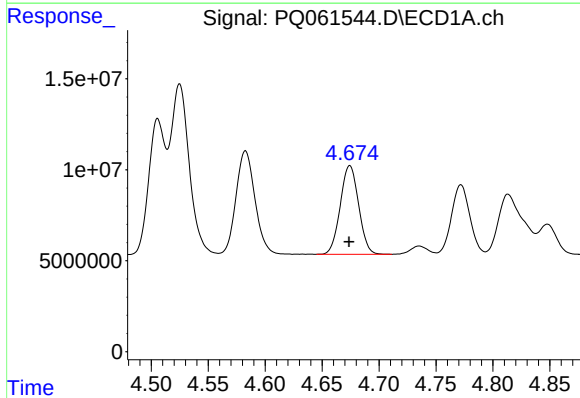
R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 65907766
Conc: 463.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



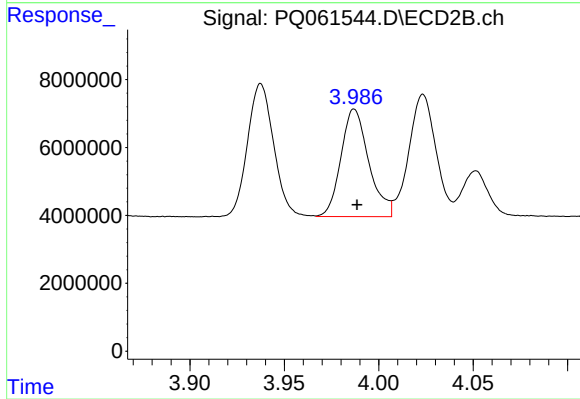
#5 AR-1016-3

R.T.: 3.938 min
Delta R.T.: -0.002 min
Response: 37698264
Conc: 477.04 ng/ml



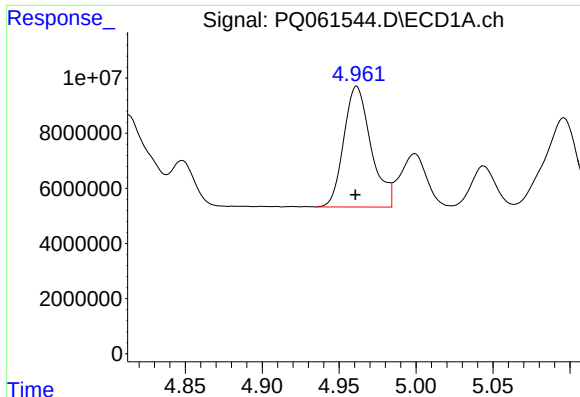
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 54815979
Conc: 476.09 ng/ml



#6 AR-1016-4

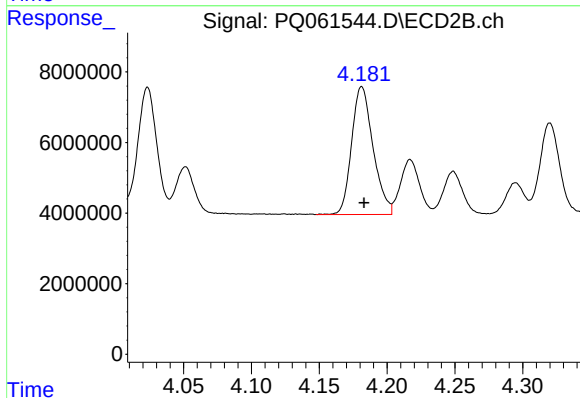
R.T.: 3.987 min
Delta R.T.: -0.001 min
Response: 32538297
Conc: 458.24 ng/ml



#7 AR-1016-5

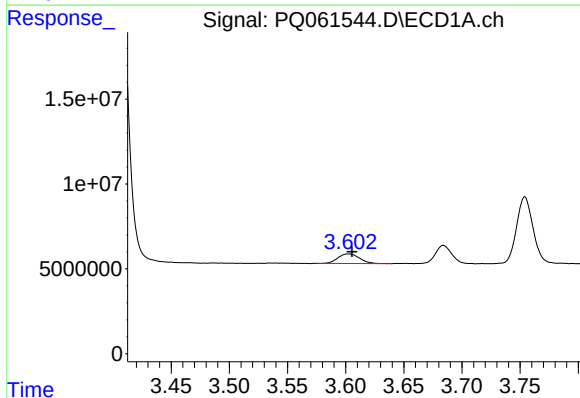
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 53858126
Conc: 466.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



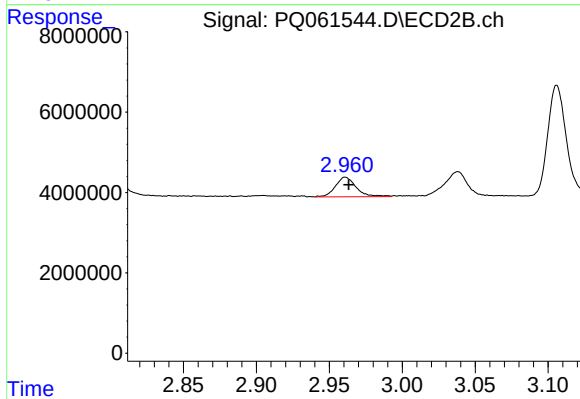
#7 AR-1016-5

R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 39861570
Conc: 465.60 ng/ml



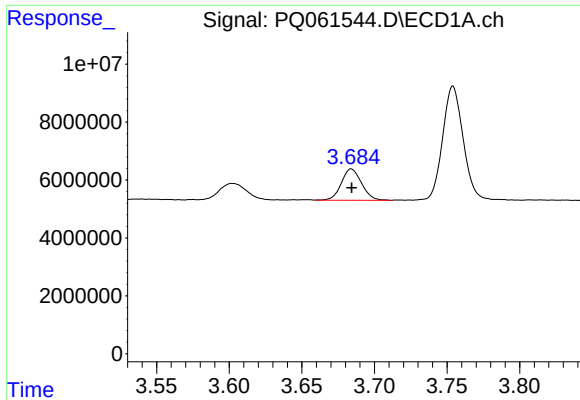
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.003 min
Response: 7139591
Conc: 127.24 ng/ml



#8 AR-1221-1

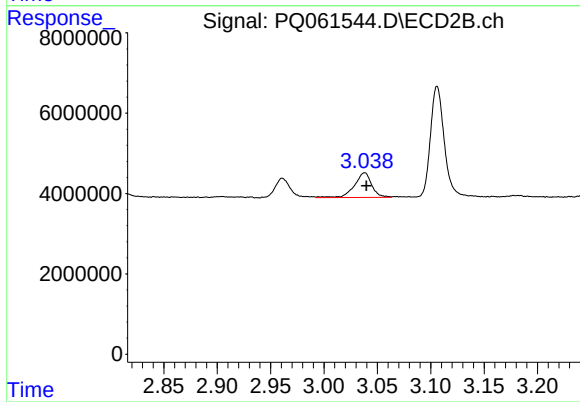
R.T.: 2.961 min
Delta R.T.: -0.002 min
Response: 4834791
Conc: 135.79 ng/ml



#9 AR-1221-2

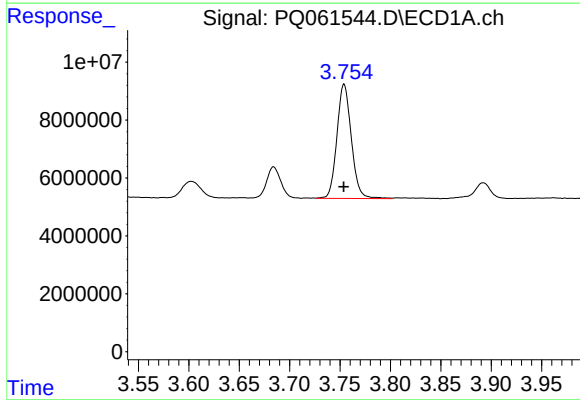
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 10513803
Conc: 249.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



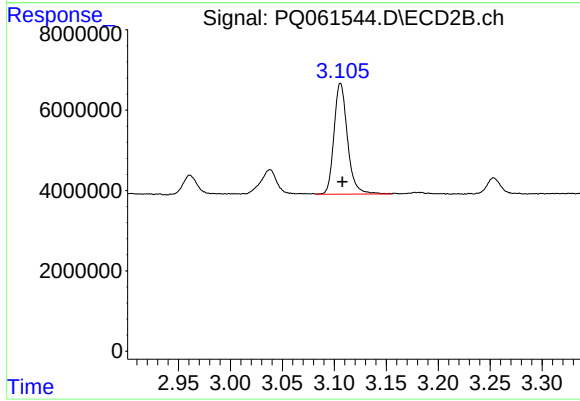
#9 AR-1221-2

R.T.: 3.038 min
Delta R.T.: -0.001 min
Response: 6980217
Conc: 253.44 ng/ml



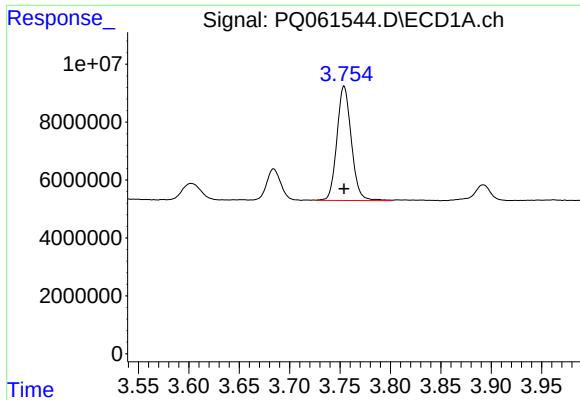
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 39364023
Conc: 300.30 ng/ml



#10 AR-1221-3

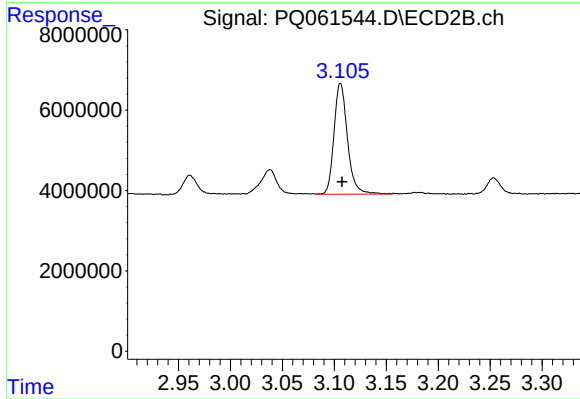
R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 24906223
Conc: 293.91 ng/ml



#11 AR-1232-1

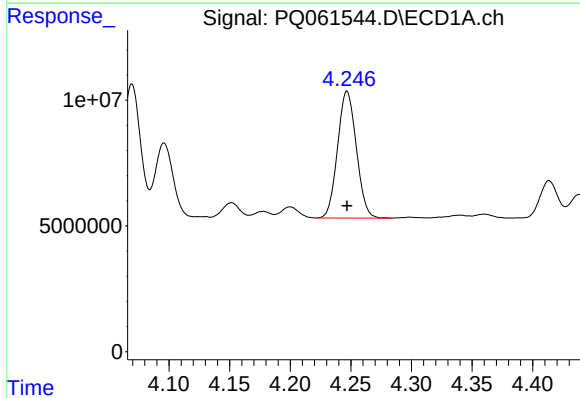
R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 39364023
Conc: 411.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



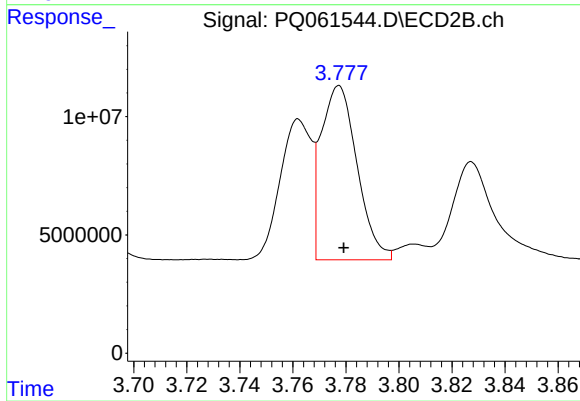
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 24906223
Conc: 404.43 ng/ml



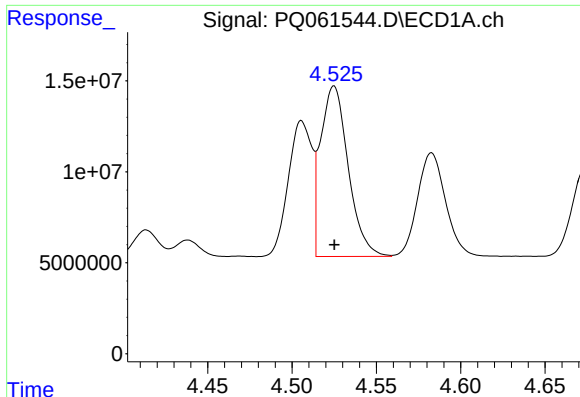
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 54353609
Conc: 989.40 ng/ml



#12 AR-1232-2

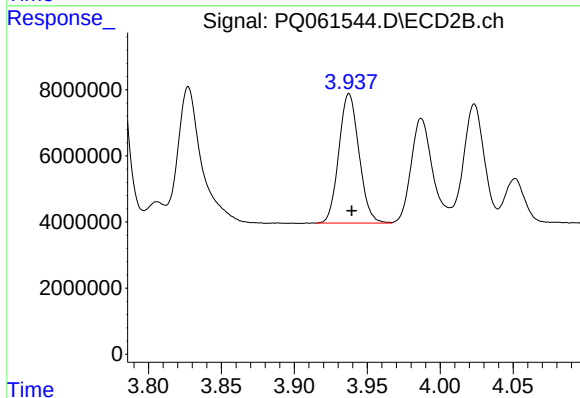
R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 69476592
Conc: 1008.40 ng/ml



#13 AR-1232-3

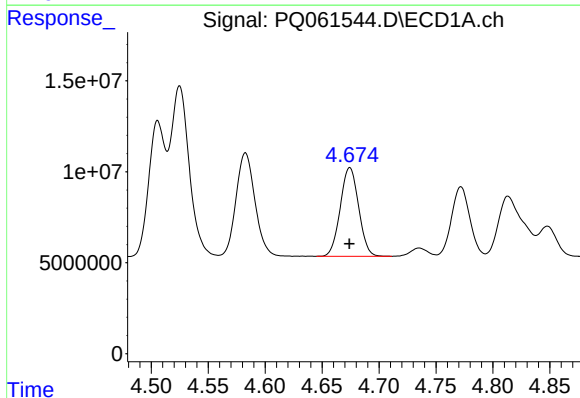
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 107059812
Conc: 1024.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



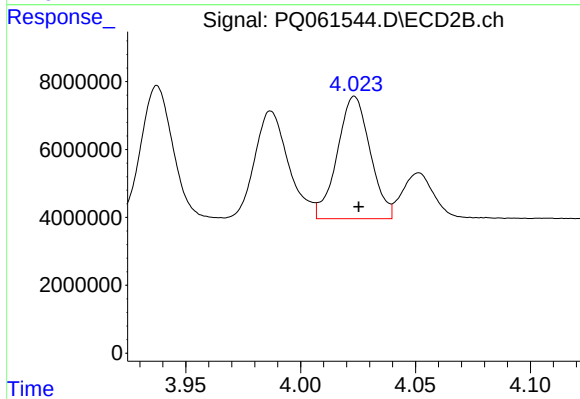
#13 AR-1232-3

R.T.: 3.938 min
Delta R.T.: -0.002 min
Response: 37698264
Conc: 1042.53 ng/ml



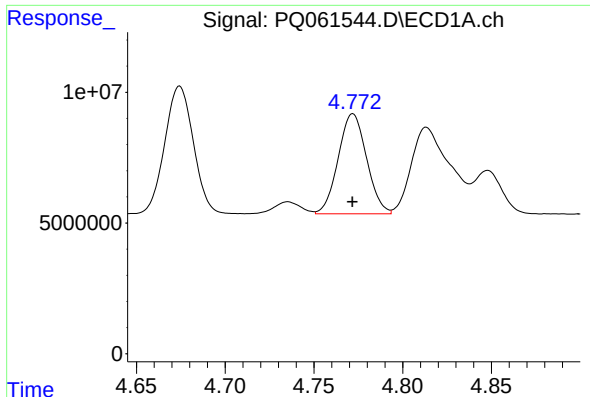
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 54815979
Conc: 1033.14 ng/ml



#14 AR-1232-4

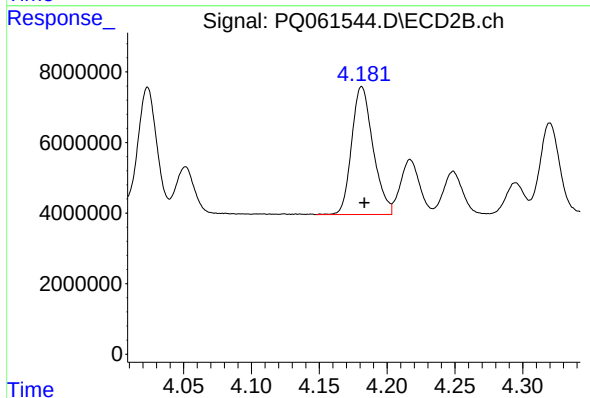
R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 35933094
Conc: 1114.87 ng/ml



#15 AR-1232-5

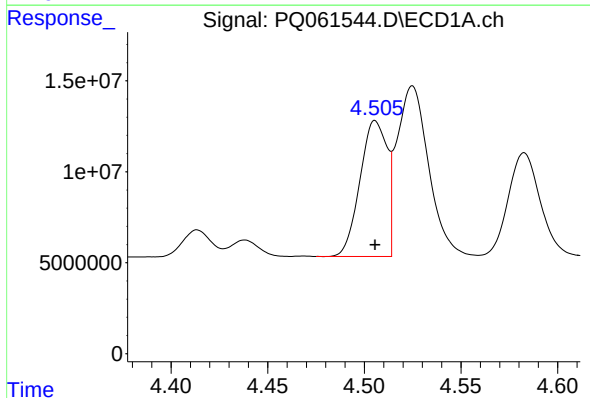
R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 42645143
Conc: 1130.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



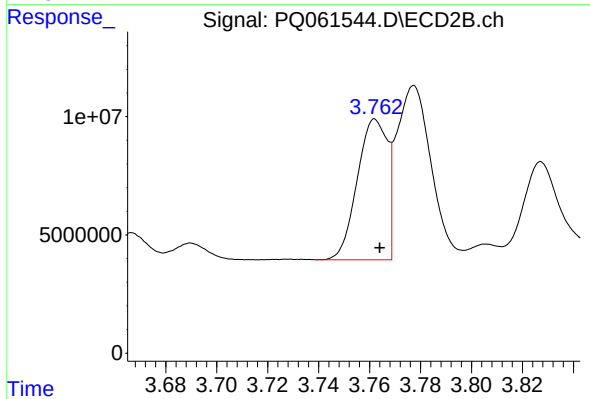
#15 AR-1232-5

R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 39861570
Conc: 1040.11 ng/ml



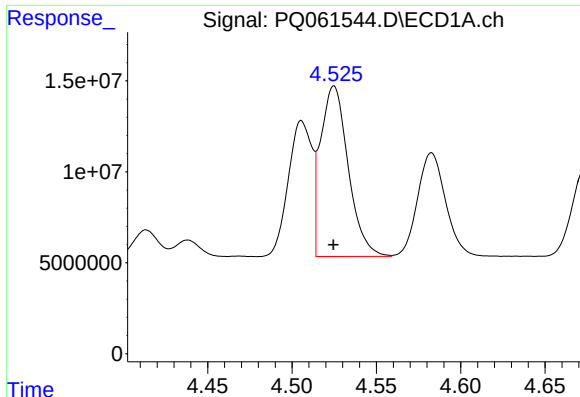
#16 AR-1242-1

R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 72766323
Conc: 641.29 ng/ml



#16 AR-1242-1

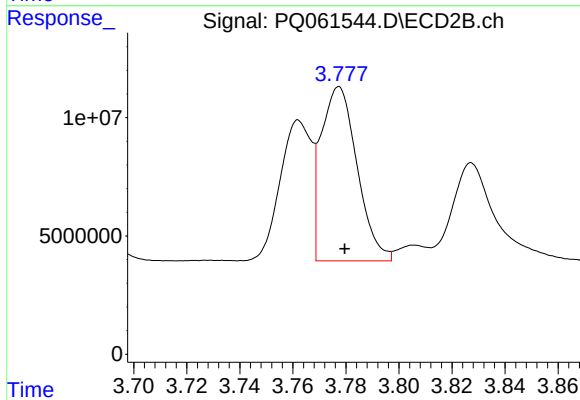
R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 48706708
Conc: 635.95 ng/ml



#17 AR-1242-2

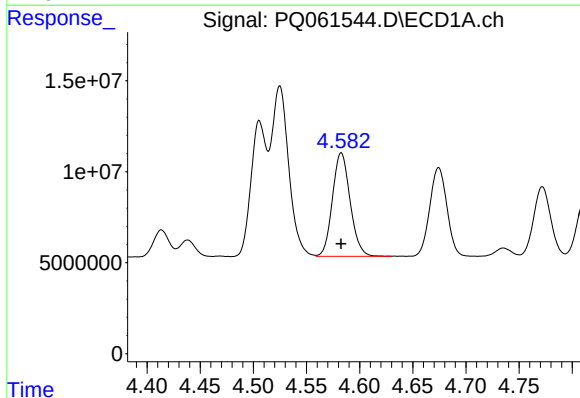
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 107059812
Conc: 630.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



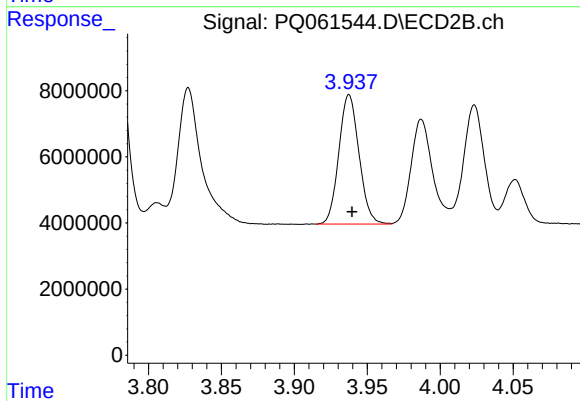
#17 AR-1242-2

R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 69476592
Conc: 626.91 ng/ml



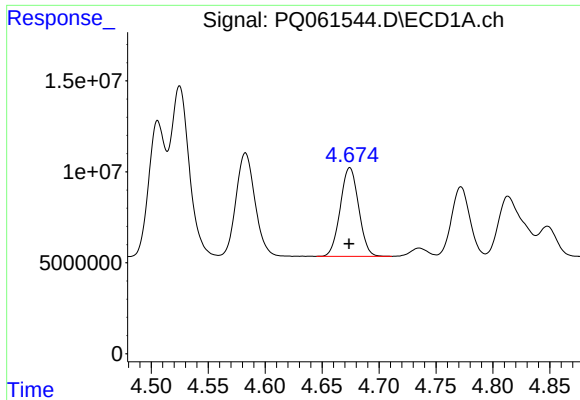
#18 AR-1242-3

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 65907766
Conc: 616.07 ng/ml



#18 AR-1242-3

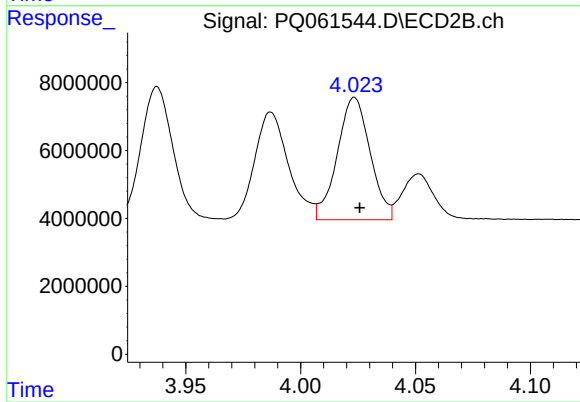
R.T.: 3.938 min
Delta R.T.: -0.002 min
Response: 37698264
Conc: 636.98 ng/ml



#19 AR-1242-4

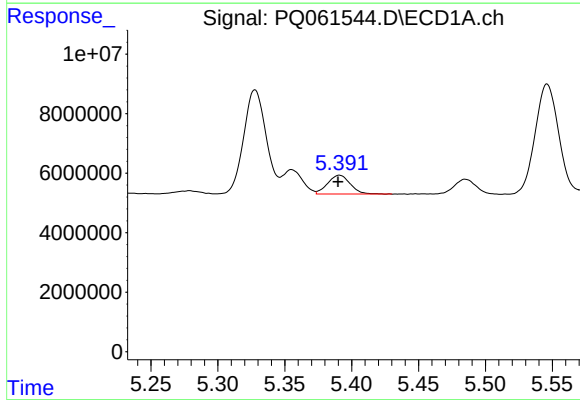
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 54815979
Conc: 631.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



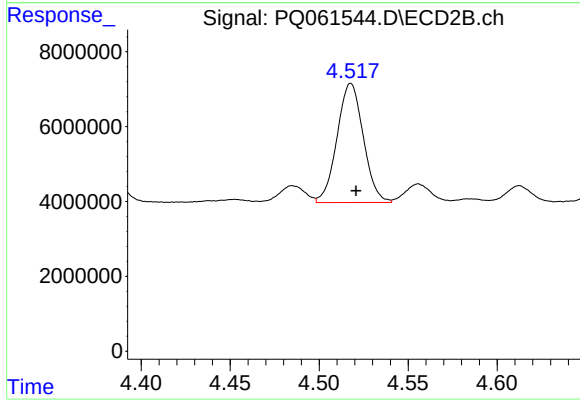
#19 AR-1242-4

R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 35933094
Conc: 600.03 ng/ml



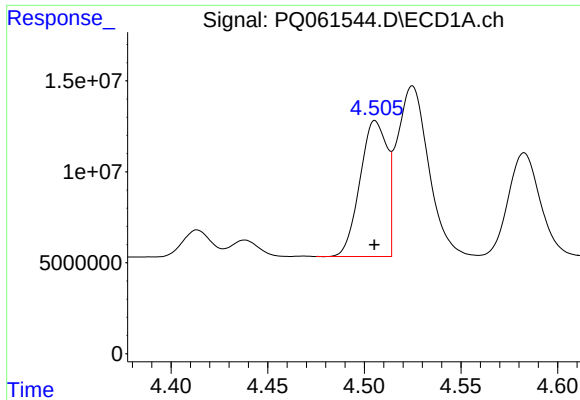
#20 AR-1242-5

R.T.: 5.391 min
Delta R.T.: 0.001 min
Response: 7358543
Conc: 82.97 ng/ml



#20 AR-1242-5

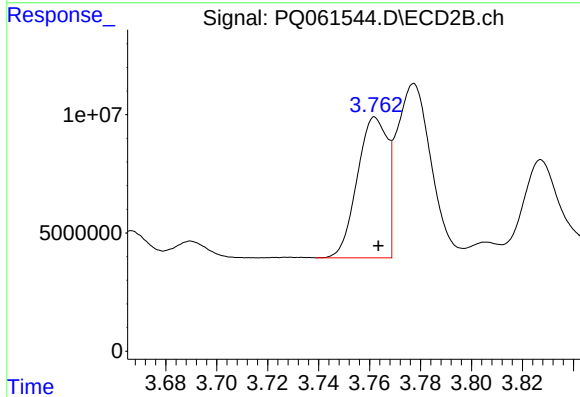
R.T.: 4.518 min
Delta R.T.: -0.003 min
Response: 32739488
Conc: 408.89 ng/ml



#21 AR-1248-1

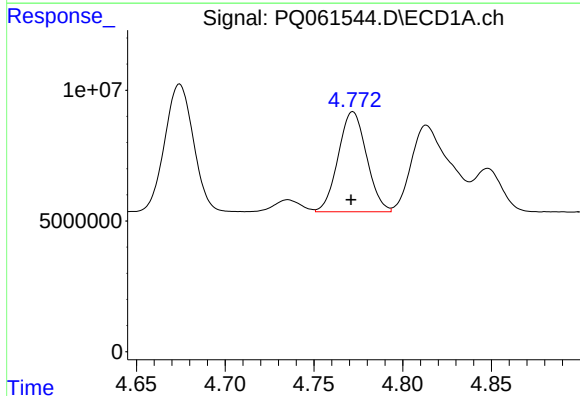
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 72766323
Conc: 807.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



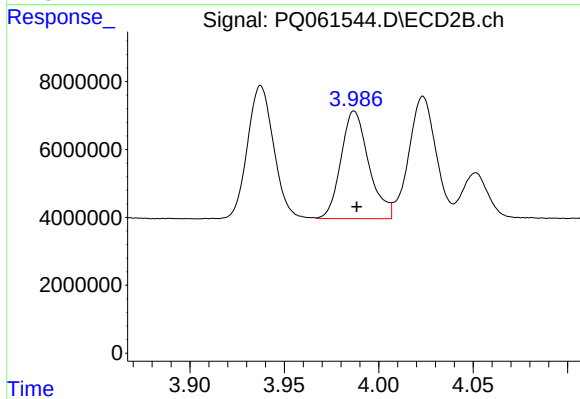
#21 AR-1248-1

R.T.: 3.762 min
Delta R.T.: -0.001 min
Response: 48706708
Conc: 782.62 ng/ml



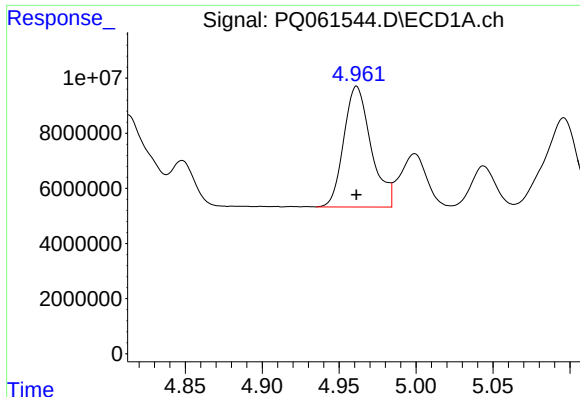
#22 AR-1248-2

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 42645143
Conc: 335.46 ng/ml



#22 AR-1248-2

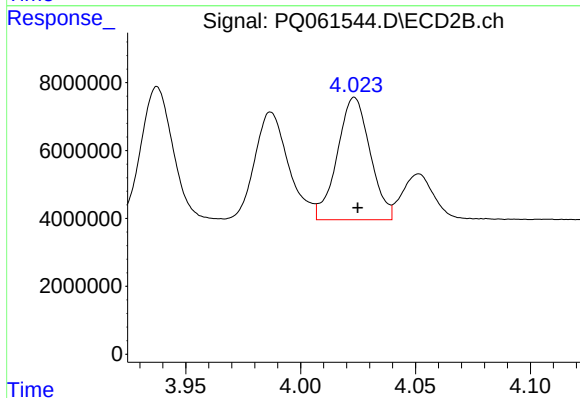
R.T.: 3.987 min
Delta R.T.: -0.001 min
Response: 32538297
Conc: 336.64 ng/ml



#23 AR-1248-3

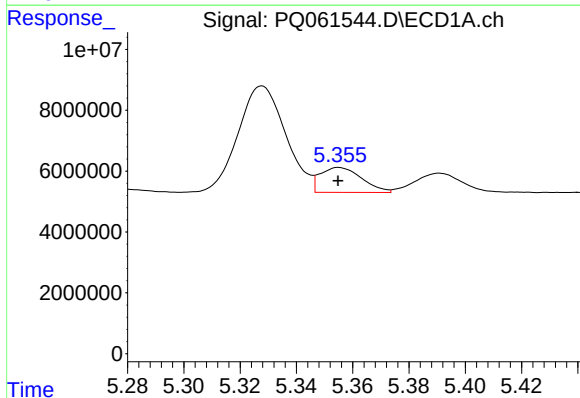
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 53858126
Conc: 349.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



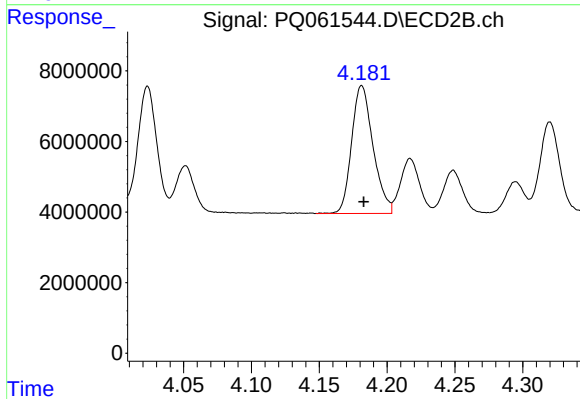
#23 AR-1248-3

R.T.: 4.024 min
Delta R.T.: -0.001 min
Response: 35933094
Conc: 393.08 ng/ml



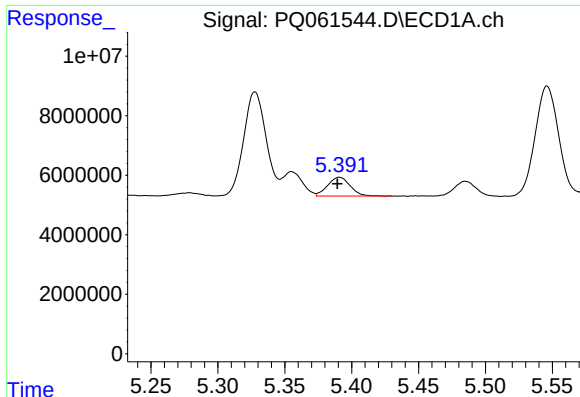
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 8391488
Conc: 49.43 ng/ml



#24 AR-1248-4

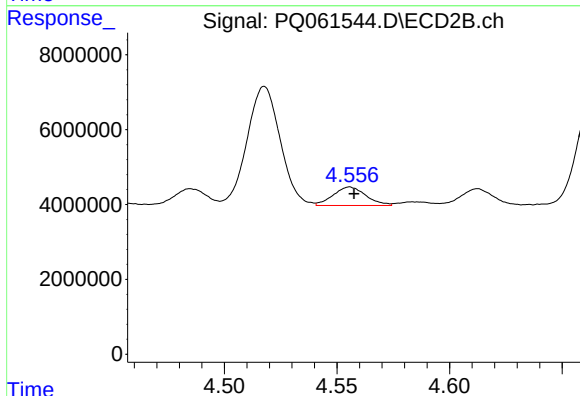
R.T.: 4.181 min
Delta R.T.: -0.001 min
Response: 39861570
Conc: 352.04 ng/ml



#25 AR-1248-5

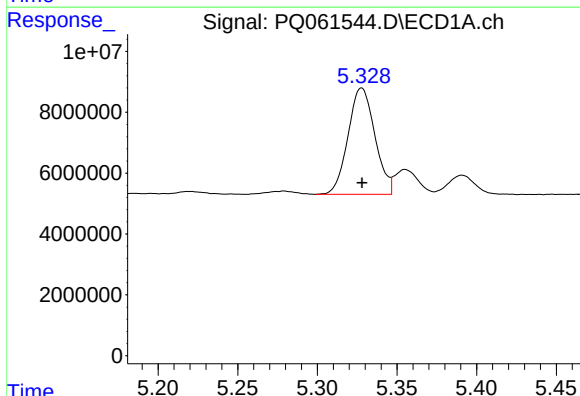
R.T.: 5.391 min
Delta R.T.: 0.002 min
Response: 7358543
Conc: 44.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



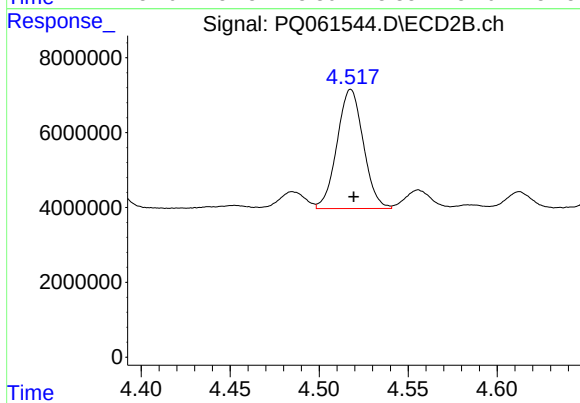
#25 AR-1248-5

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 5042659
Conc: 45.79 ng/ml



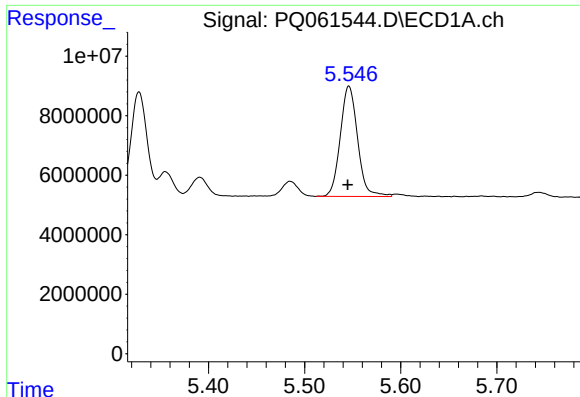
#26 AR-1254-1

R.T.: 5.328 min
Delta R.T.: 0.000 min
Response: 41068946
Conc: 240.45 ng/ml



#26 AR-1254-1

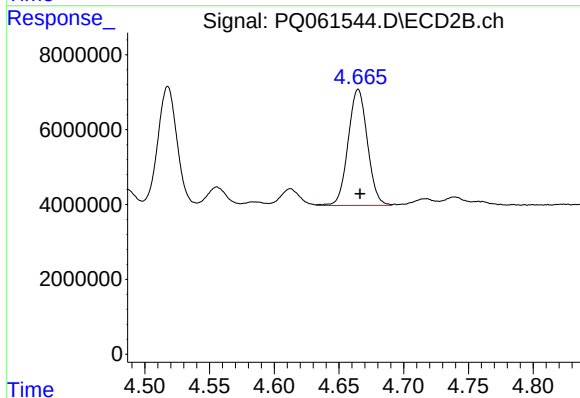
R.T.: 4.518 min
Delta R.T.: -0.002 min
Response: 32739488
Conc: 199.09 ng/ml



#27 AR-1254-2

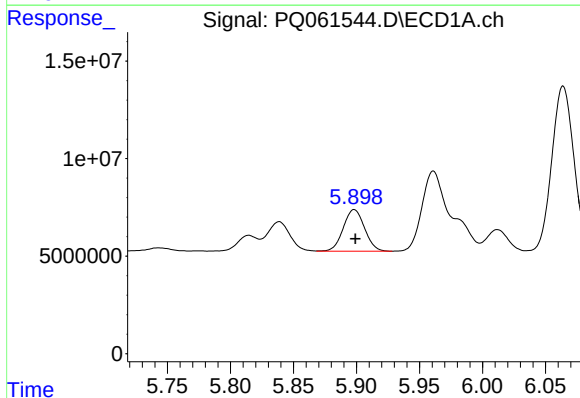
R.T.: 5.546 min
Delta R.T.: 0.001 min
Response: 46568389
Conc: 174.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



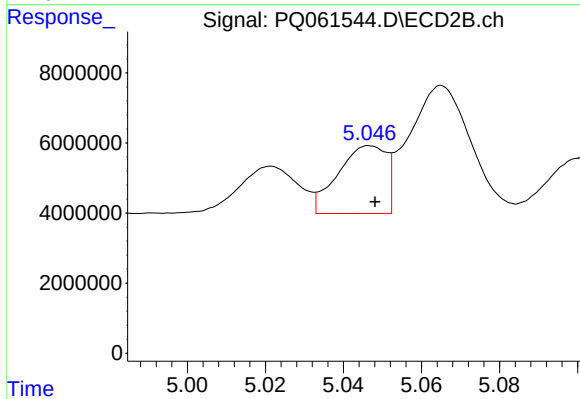
#27 AR-1254-2

R.T.: 4.665 min
Delta R.T.: -0.001 min
Response: 32174261
Conc: 213.92 ng/ml



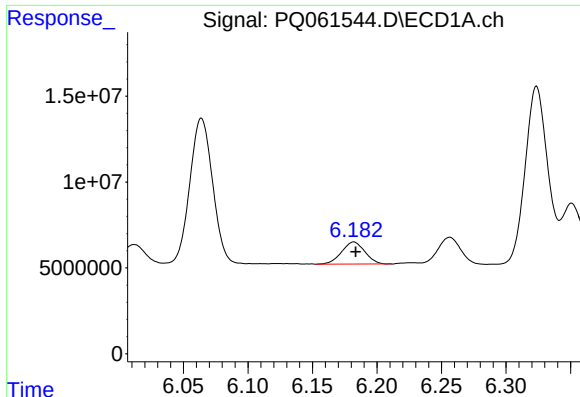
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 25066779
Conc: 89.70 ng/ml



#28 AR-1254-3

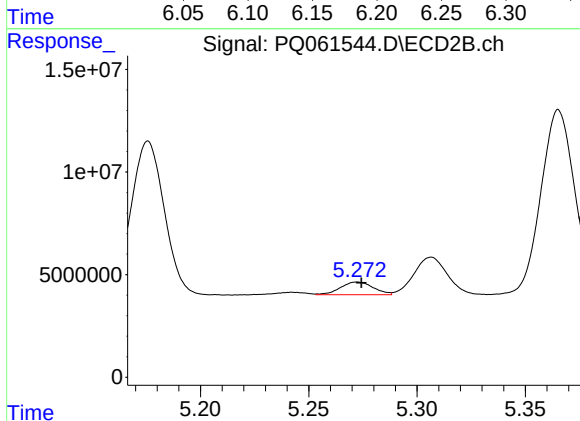
R.T.: 5.047 min
Delta R.T.: -0.001 min
Response: 16669711
Conc: 71.64 ng/ml



#29 AR-1254-4

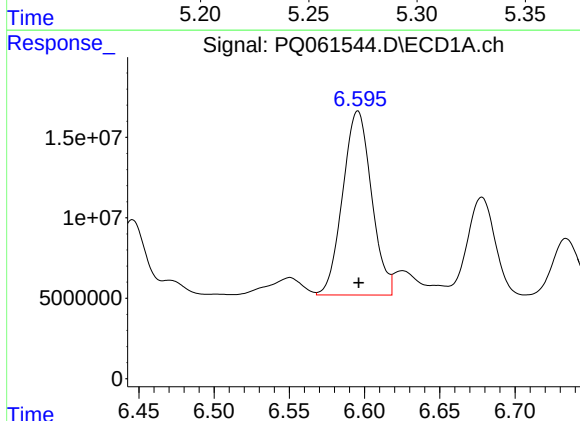
R.T.: 6.182 min
Delta R.T.: -0.001 min
Response: 16150446
Conc: 78.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



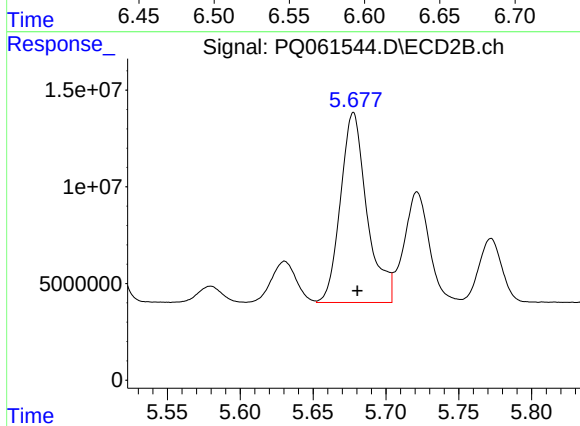
#29 AR-1254-4

R.T.: 5.272 min
Delta R.T.: -0.002 min
Response: 6586335
Conc: 45.84 ng/ml



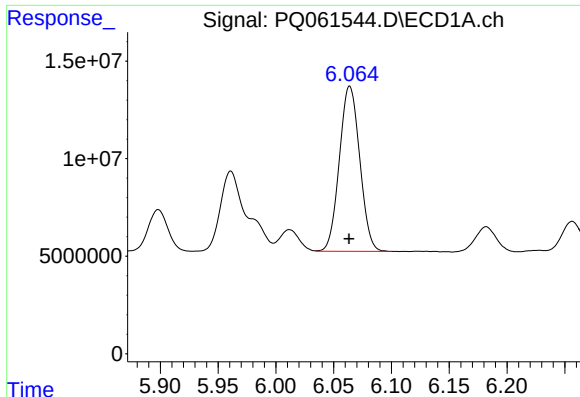
#30 AR-1254-5

R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 152663955
Conc: 647.20 ng/ml



#30 AR-1254-5

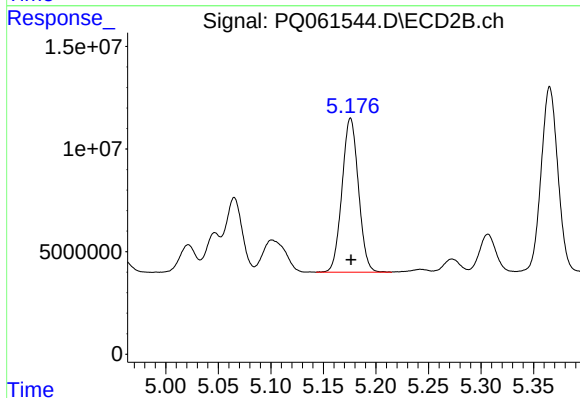
R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 124167920
Conc: 544.33 ng/ml



#31 AR-1260-1

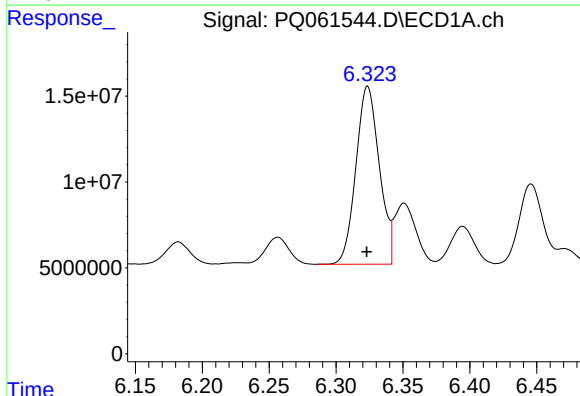
R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 103623450
Conc: 466.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



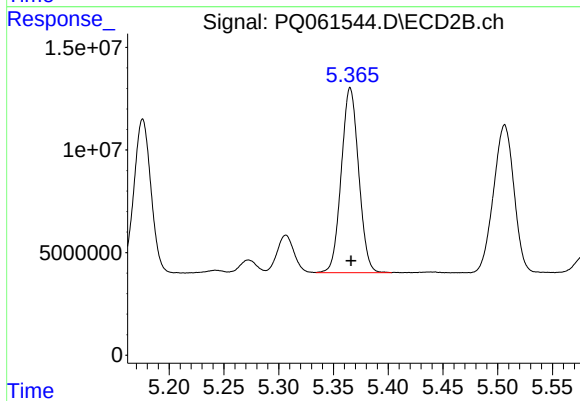
#31 AR-1260-1

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 81721683
Conc: 475.10 ng/ml



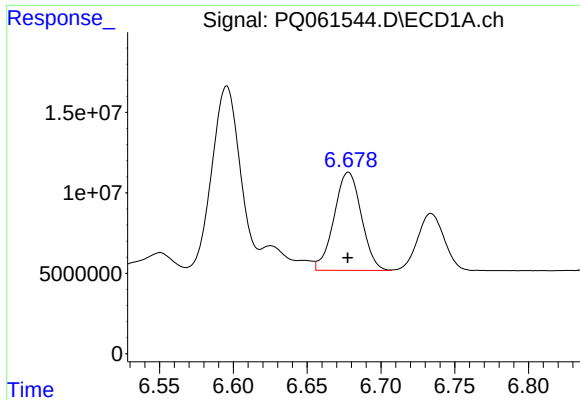
#32 AR-1260-2

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 126132340
Conc: 474.10 ng/ml



#32 AR-1260-2

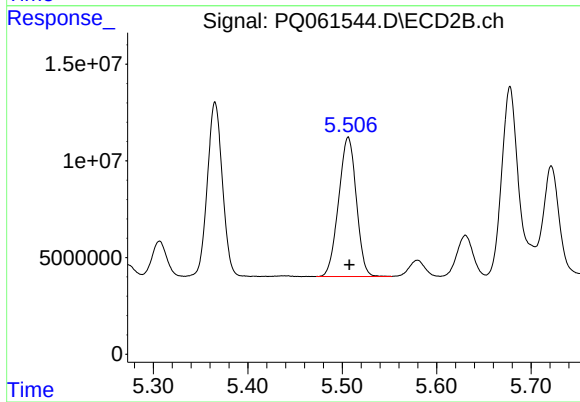
R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 99633888
Conc: 480.78 ng/ml



#33 AR-1260-3

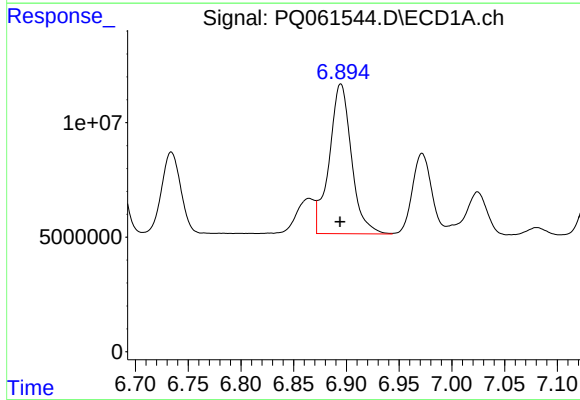
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 78363573
Conc: 466.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



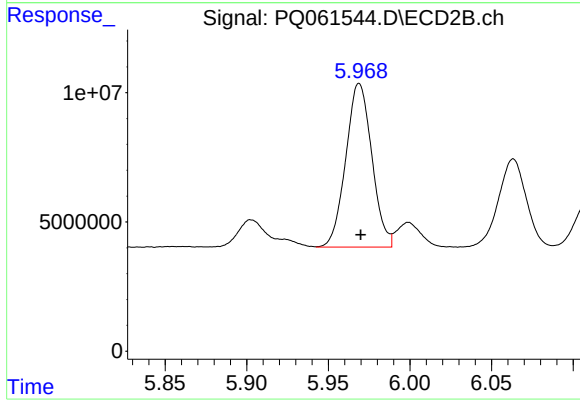
#33 AR-1260-3

R.T.: 5.506 min
Delta R.T.: -0.001 min
Response: 93747704
Conc: 472.01 ng/ml



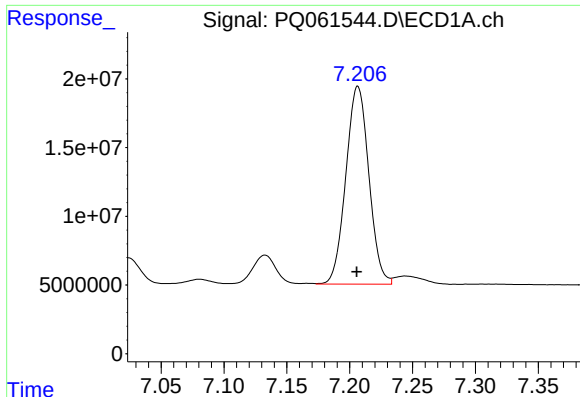
#34 AR-1260-4

R.T.: 6.895 min
Delta R.T.: 0.000 min
Response: 95757531
Conc: 477.13 ng/ml



#34 AR-1260-4

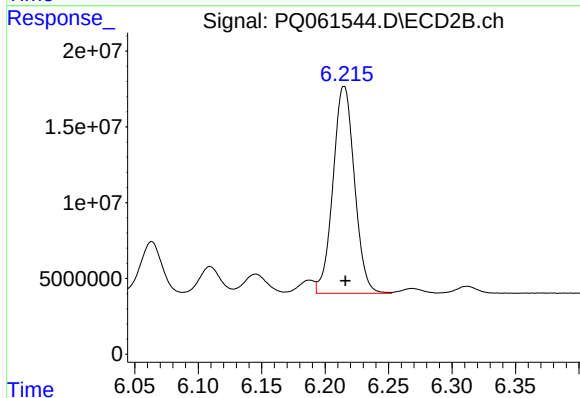
R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 70365165
Conc: 478.33 ng/ml



#35 AR-1260-5

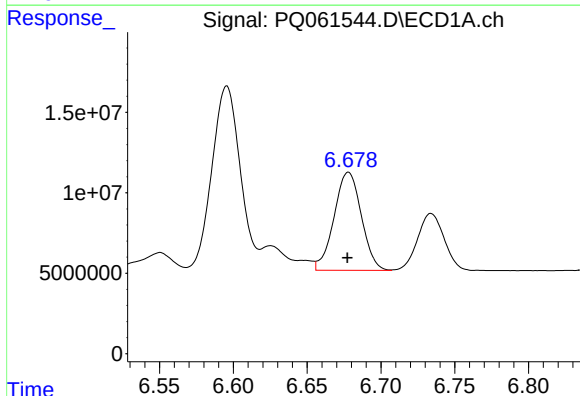
R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 183377368
Conc: 481.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



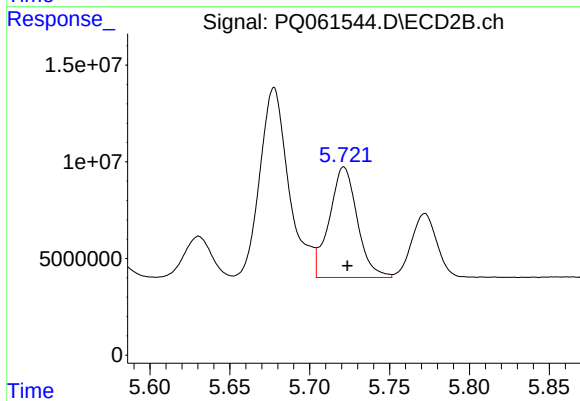
#35 AR-1260-5

R.T.: 6.215 min
Delta R.T.: -0.001 min
Response: 161077372
Conc: 496.07 ng/ml



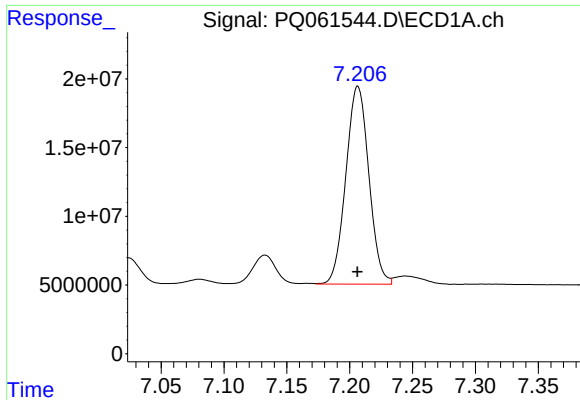
#36 AR-1262-1

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 78363573
Conc: 261.74 ng/ml



#36 AR-1262-1

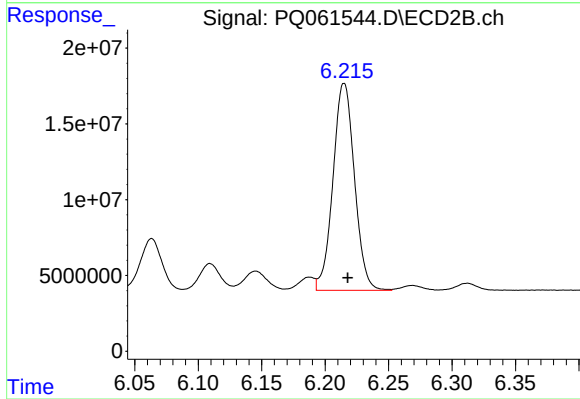
R.T.: 5.721 min
Delta R.T.: -0.002 min
Response: 69634494
Conc: 287.33 ng/ml



#37 AR-1262-2

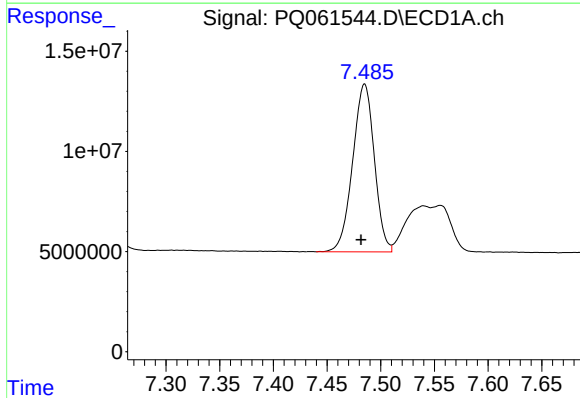
R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 183377368
Conc: 363.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



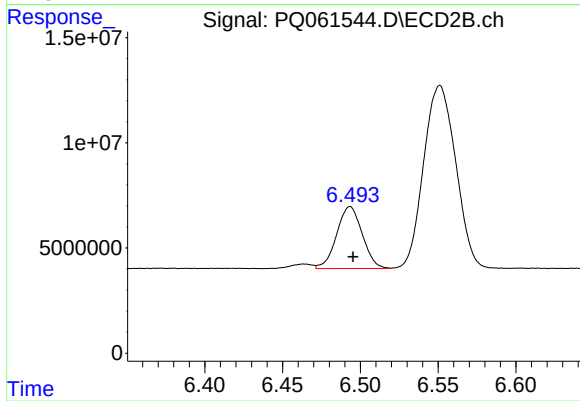
#37 AR-1262-2

R.T.: 6.215 min
Delta R.T.: -0.003 min
Response: 161077372
Conc: 368.56 ng/ml



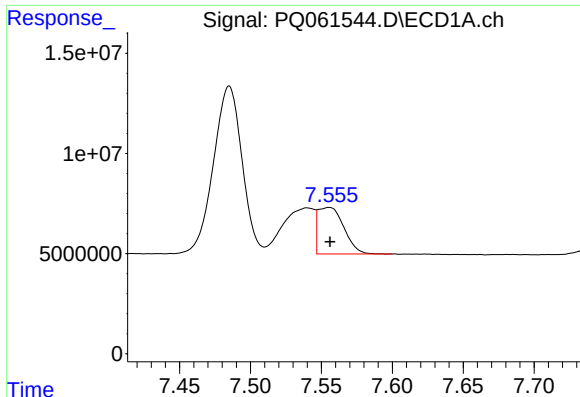
#38 AR-1262-3

R.T.: 7.485 min
Delta R.T.: 0.003 min
Response: 117584979
Conc: 347.94 ng/ml



#38 AR-1262-3

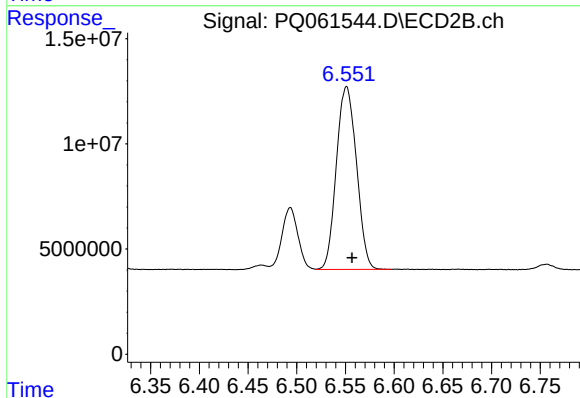
R.T.: 6.493 min
Delta R.T.: -0.002 min
Response: 33814732
Conc: 187.63 ng/ml



#39 AR-1262-4

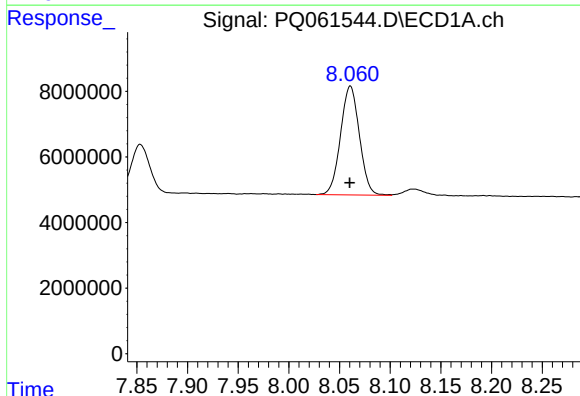
R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 29369086
Conc: 114.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



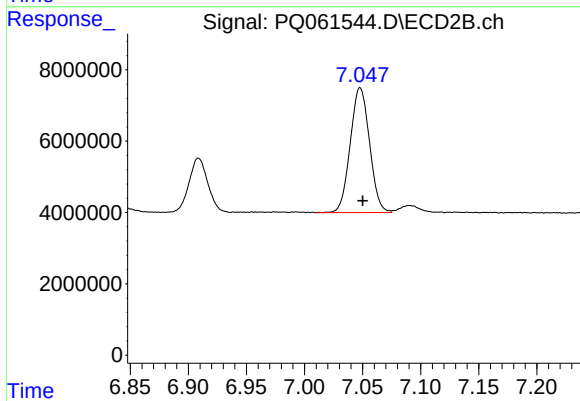
#39 AR-1262-4

R.T.: 6.551 min
Delta R.T.: -0.006 min
Response: 125031209
Conc: 377.02 ng/ml



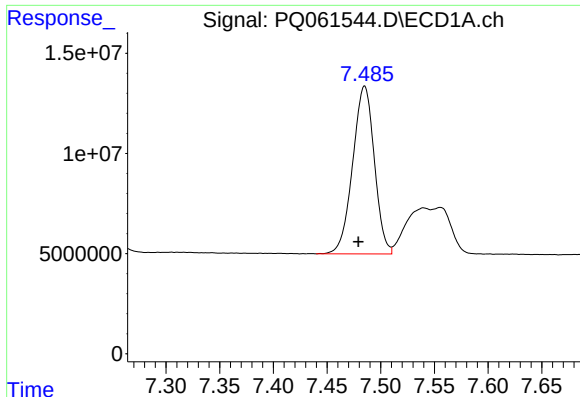
#40 AR-1262-5

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 43025572
Conc: 252.63 ng/ml



#40 AR-1262-5

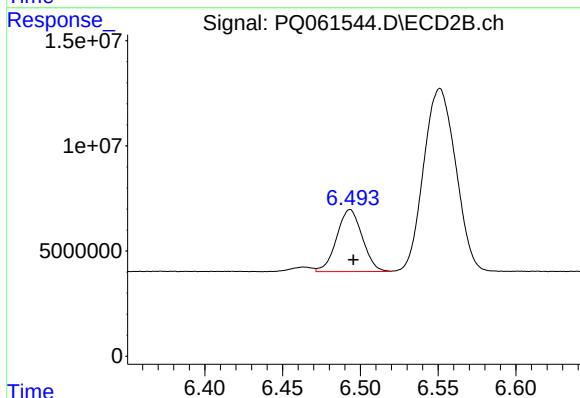
R.T.: 7.048 min
Delta R.T.: -0.002 min
Response: 40505130
Conc: 252.49 ng/ml



#41 AR-1268-1

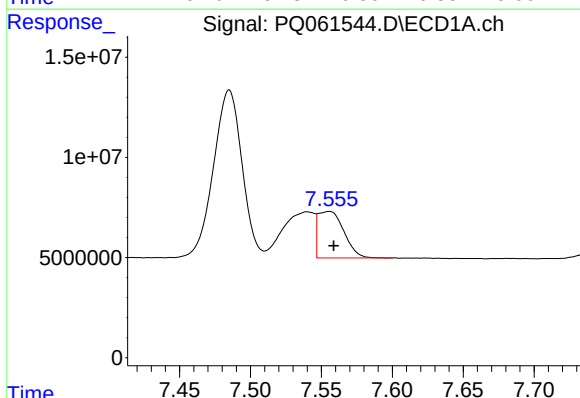
R.T.: 7.485 min
Delta R.T.: 0.006 min
Response: 117584979
Conc: 213.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



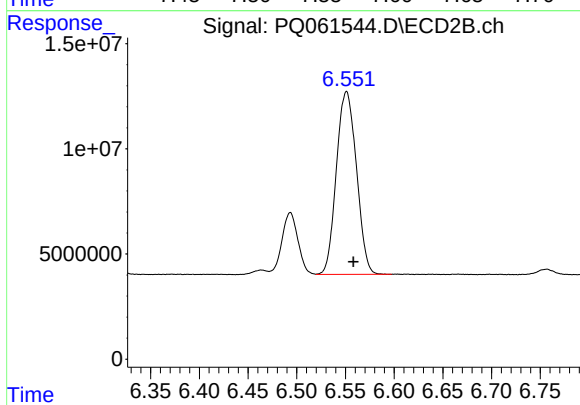
#41 AR-1268-1

R.T.: 6.493 min
Delta R.T.: -0.002 min
Response: 33814732
Conc: 68.83 ng/ml



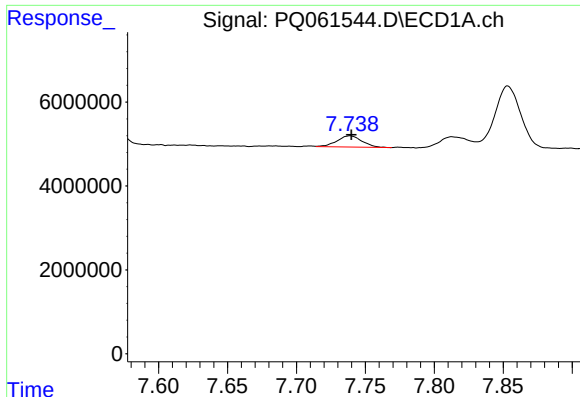
#42 AR-1268-2

R.T.: 7.556 min
Delta R.T.: -0.003 min
Response: 29369086
Conc: 59.60 ng/ml



#42 AR-1268-2

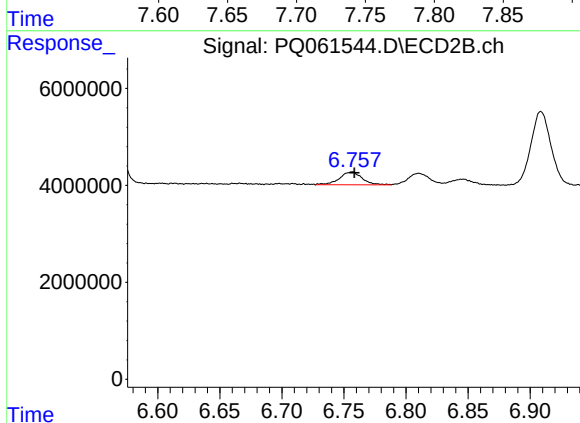
R.T.: 6.551 min
Delta R.T.: -0.007 min
Response: 125031209
Conc: 281.04 ng/ml



#43 AR-1268-3

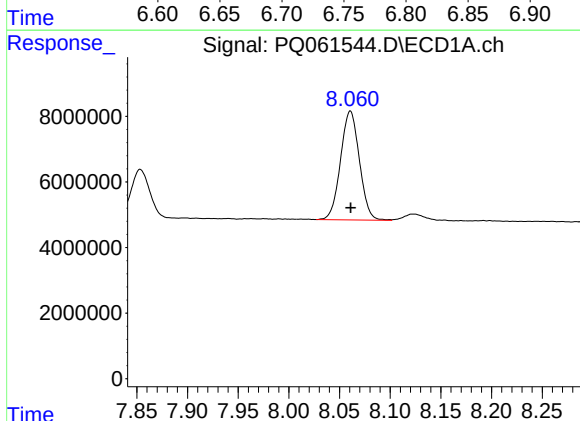
R.T.: 7.739 min
Delta R.T.: -0.001 min
Response: 3424741
Conc: 8.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



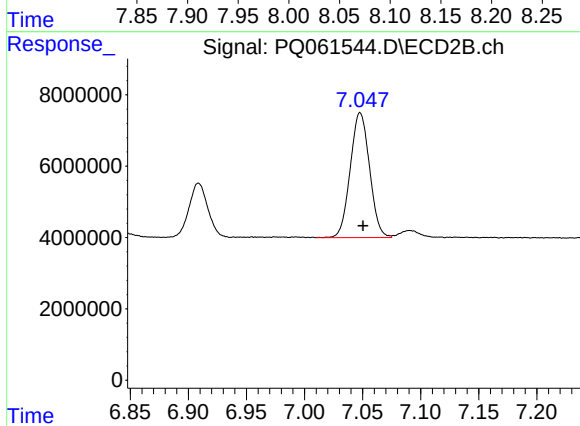
#43 AR-1268-3

R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 3416978
Conc: 8.73 ng/ml



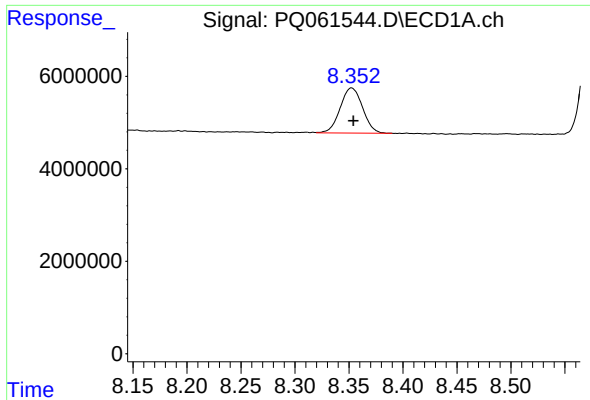
#44 AR-1268-4

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 43025572
Conc: 243.07 ng/ml



#44 AR-1268-4

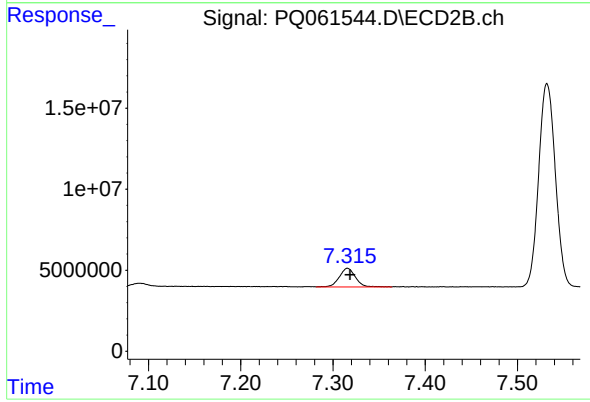
R.T.: 7.048 min
Delta R.T.: -0.002 min
Response: 40505130
Conc: 241.28 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: -0.002 min
Response: 14040081
Conc: 11.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.316 min
Delta R.T.: -0.003 min
Response: 13986070
Conc: 11.28 ng/ml