

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062123\
 Data File : PQ061596.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2023 09:01
 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 17:05:48 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...	3.406	2.759	235.0E6	125.7E6	52.276	47.066
2)	SA Decachlor...	8.589	7.532	171.9E6	166.9E6	51.040	49.720
Target Compounds							
3)	L1 AR-1016-1	4.506	3.762	80770919	50969341	524.663	494.170
4)	L1 AR-1016-2	4.526	3.777	121.3E6	73891877	531.650	495.971
5)	L1 AR-1016-3	4.584	3.937	74303977	39715081	522.894	502.559
6)	L1 AR-1016-4	4.675	3.986	61761927	34508161	536.418	485.980
7)	L1 AR-1016-5	4.962	4.181	60329413	42689654	522.004	498.632
8)	L2 AR-1221-1	3.603	2.961	8396286	4879471	149.638	137.040
9)	L2 AR-1221-2	3.685	3.037	12373938	6979470	293.220	253.408
10)	L2 AR-1221-3	3.755	3.106	45378549	25984253	346.186	306.633
11)	L3 AR-1232-1	3.755	3.106	45378549	25984253	474.728	421.940
12)	L3 AR-1232-2	4.248	3.777	61248681	73891877	1114.916	1072.487
13)	L3 AR-1232-3	4.526	3.937	121.3E6	39715081	1161.249	1098.309
14)	L3 AR-1232-4	4.675	4.023	61761927	37627707	1164.055	1167.444
15)	L3 AR-1232-5	4.772	4.181	48120106	42689654	1275.974	1113.906
16)	L4 AR-1242-1	4.506	3.762	80770919	50969341	711.835	665.490
17)	L4 AR-1242-2	4.526	3.777	121.3E6	73891877	714.399	666.749
18)	L4 AR-1242-3	4.584	3.937	74303977	39715081	694.555	671.062
19)	L4 AR-1242-4	4.675	4.023	61761927	37627707	711.624	628.327
20)	L4 AR-1242-5	5.395	4.517	3364313	36749161	37.934	458.963 #
21)	L5 AR-1248-1	4.506	3.762	80770919	50969341	896.419	818.975
22)	L5 AR-1248-2	4.772	3.986	48120106	34508161	378.525	357.020
23)	L5 AR-1248-3	4.962	4.023	60329413	37627707	391.646	411.622
24)	L5 AR-1248-4	5.356	4.181	10850657	42689654	63.922	377.014 #
25)	L5 AR-1248-5	5.395	4.555	3364313	7250834	20.536	65.835 #
26)	L6 AR-1254-1	5.329	4.517	50524733	36749161	295.810	223.473
27)	L6 AR-1254-2	5.548	4.664	52009041	36826206	194.510	244.845 #
28)	L6 AR-1254-3	5.900	5.045	29880628	17943648	106.929	77.111 #
29)	L6 AR-1254-4	6.183	5.272	24233741	6818583	118.396	47.460 #
30)	L6 AR-1254-5	6.597	5.676	165.7E6	130.9E6	702.485	573.894
31)	L7 AR-1260-1	6.065	5.175	115.6E6	85058127	520.405	494.497
32)	L7 AR-1260-2	6.325	5.364	145.5E6	104.7E6	546.913	505.334
33)	L7 AR-1260-3	6.680	5.505	84981067	96736428	505.396	487.059
34)	L7 AR-1260-4	6.897	5.967	101.5E6	73998799	505.507	503.032
35)	L7 AR-1260-5	7.208	6.214	199.5E6	167.8E6	524.199	516.681
36)	L8 AR-1262-1	6.680	5.720	84981067	72343603	283.841	298.512
37)	L8 AR-1262-2	7.208	6.214	199.5E6	167.8E6	395.704	383.872
38)	L8 AR-1262-3	7.487	6.493	127.9E6	35671390	378.521	197.935 #
39)	L8 AR-1262-4	7.557	6.550	33639146	130.7E6	130.986	394.058 #
40)	L8 AR-1262-5	8.063	7.048	45237556	42828074	265.621	266.974
41)	L9 AR-1268-1	7.487	6.493	127.9E6	35671390	232.264	72.607 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062123\
 Data File : PQ061596.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2023 09:01
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

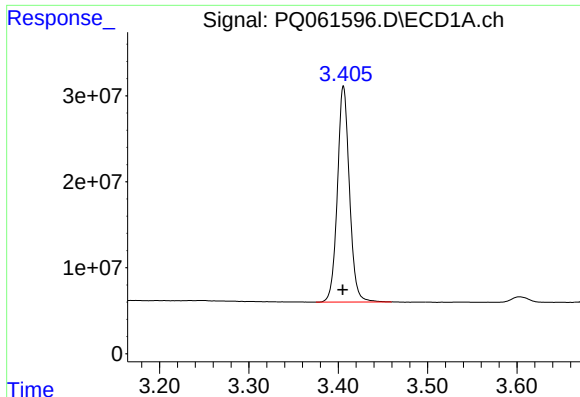
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 17:05:48 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	7.557	6.550	33639146	130.7E6	68.270	293.739 #
43) L9	AR-1268-3	7.742	6.755	3356857	3696596	8.141	9.443
44) L9	AR-1268-4	8.063	7.048	45237556	42828074	255.568	255.112
45) L9	AR-1268-5	8.356	7.316	14585110	16419957	12.271	13.241

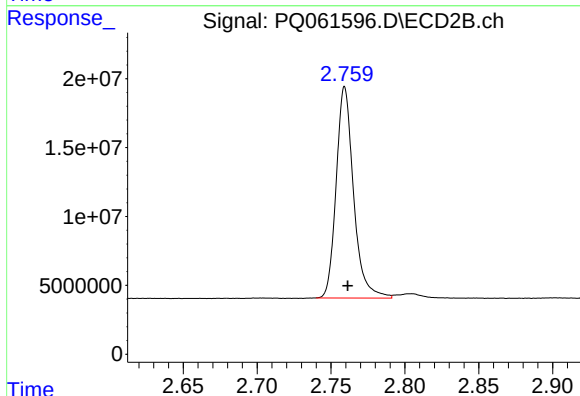
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

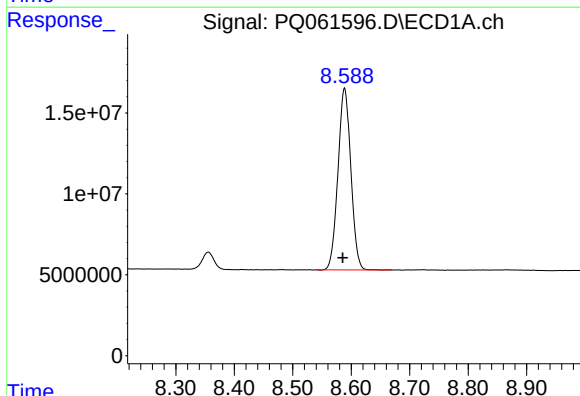
R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 234980008
Conc: 52.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



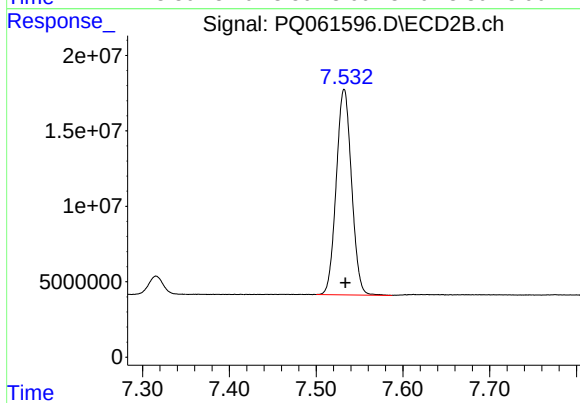
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: -0.002 min
Response: 125683240
Conc: 47.07 ng/ml



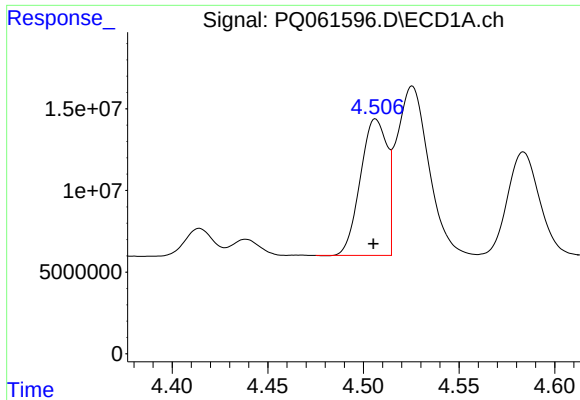
#2 Decachlorobiphenyl

R.T.: 8.589 min
Delta R.T.: 0.003 min
Response: 171937796
Conc: 51.04 ng/ml



#2 Decachlorobiphenyl

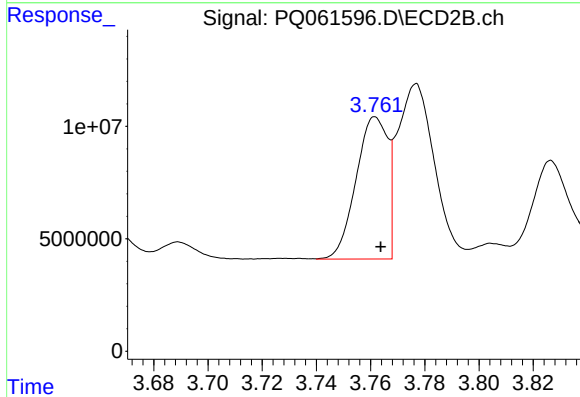
R.T.: 7.532 min
Delta R.T.: -0.002 min
Response: 166885807
Conc: 49.72 ng/ml



#3 AR-1016-1

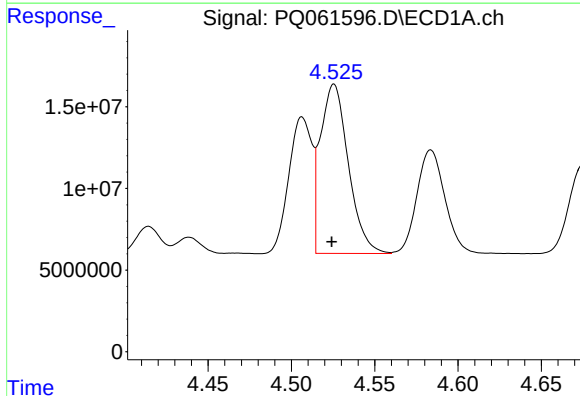
R.T.: 4.506 min
Delta R.T.: 0.001 min
Response: 80770919
Conc: 524.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



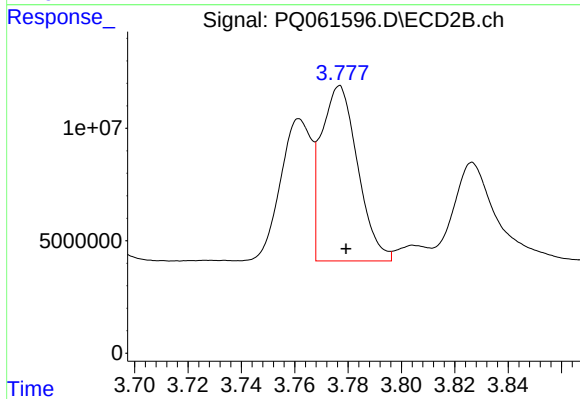
#3 AR-1016-1

R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 50969341
Conc: 494.17 ng/ml



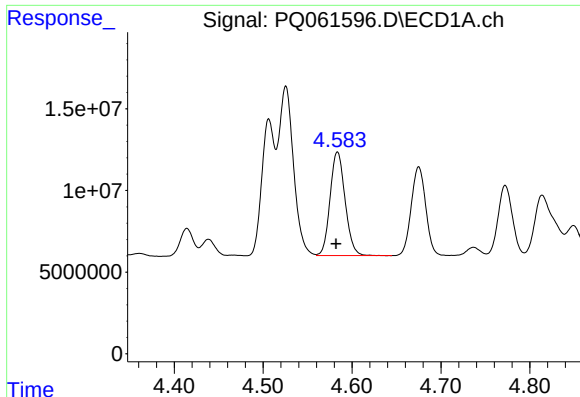
#4 AR-1016-2

R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 121303834
Conc: 531.65 ng/ml



#4 AR-1016-2

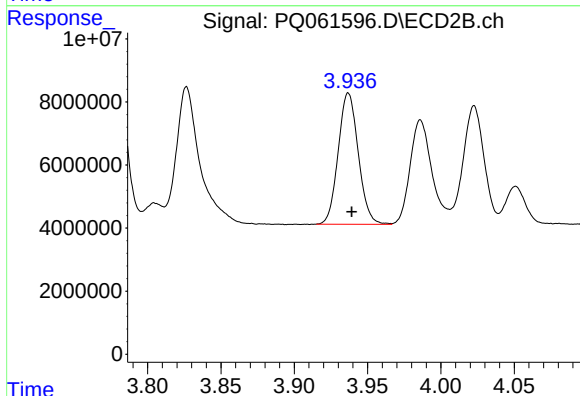
R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 73891877
Conc: 495.97 ng/ml



#5 AR-1016-3

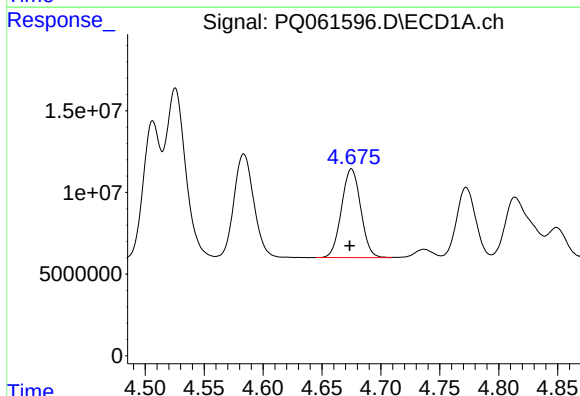
R.T.: 4.584 min
Delta R.T.: 0.002 min
Response: 74303977
Conc: 522.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



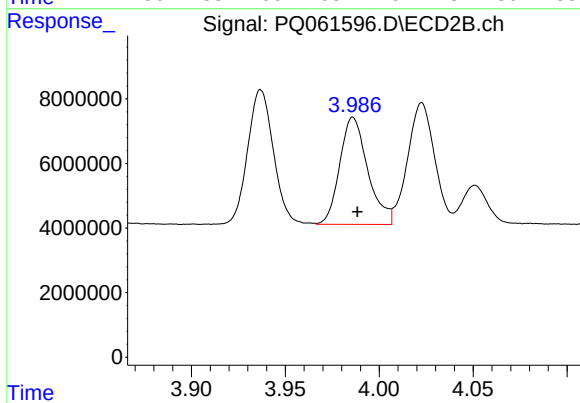
#5 AR-1016-3

R.T.: 3.937 min
Delta R.T.: -0.002 min
Response: 39715081
Conc: 502.56 ng/ml



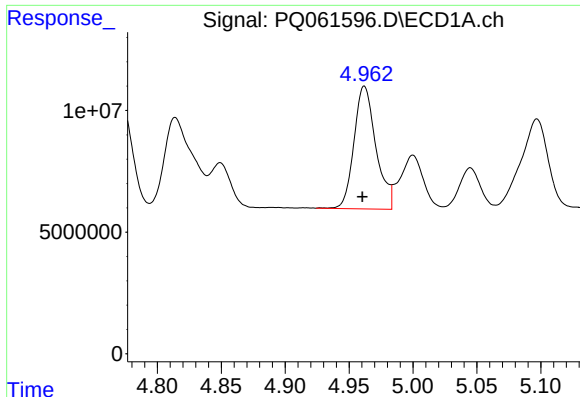
#6 AR-1016-4

R.T.: 4.675 min
Delta R.T.: 0.002 min
Response: 61761927
Conc: 536.42 ng/ml



#6 AR-1016-4

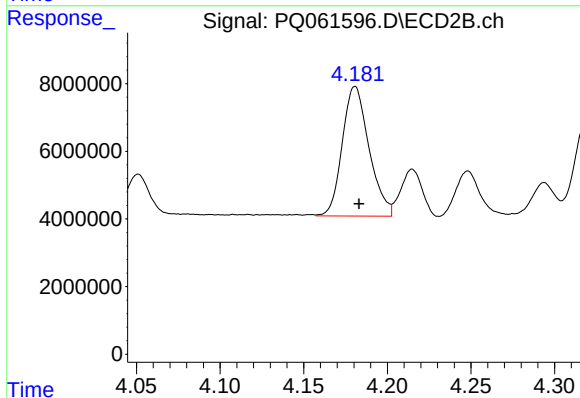
R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 34508161
Conc: 485.98 ng/ml



#7 AR-1016-5

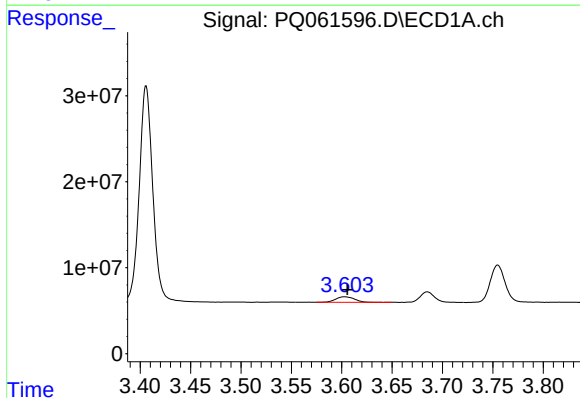
R.T.: 4.962 min
Delta R.T.: 0.001 min
Response: 60329413
Conc: 522.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



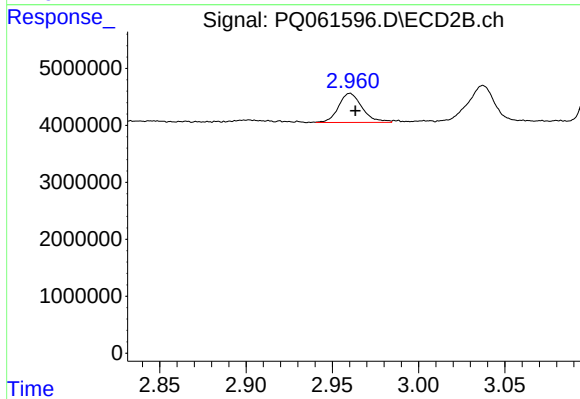
#7 AR-1016-5

R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 42689654
Conc: 498.63 ng/ml



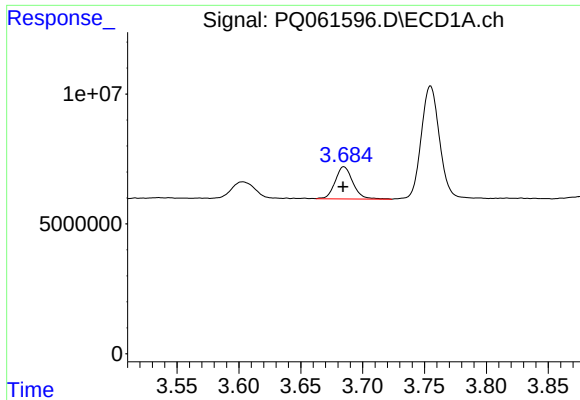
#8 AR-1221-1

R.T.: 3.603 min
Delta R.T.: -0.002 min
Response: 8396286
Conc: 149.64 ng/ml



#8 AR-1221-1

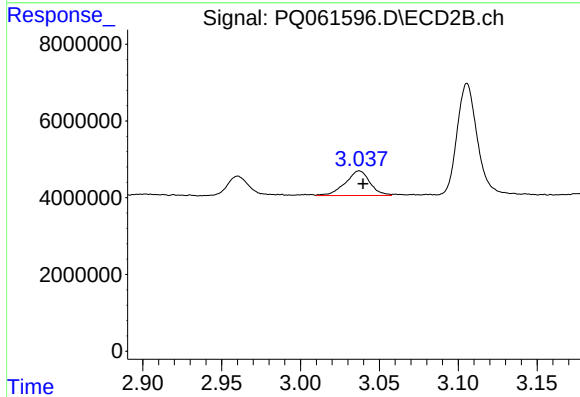
R.T.: 2.961 min
Delta R.T.: -0.003 min
Response: 4879471
Conc: 137.04 ng/ml



#9 AR-1221-2

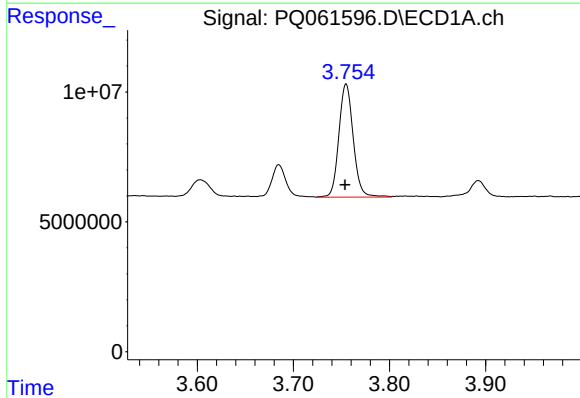
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 12373938
Conc: 293.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



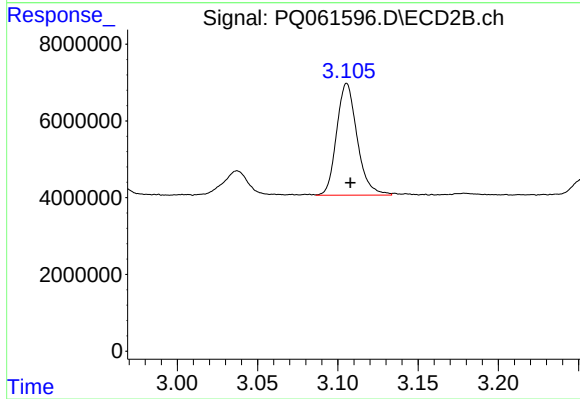
#9 AR-1221-2

R.T.: 3.037 min
Delta R.T.: -0.002 min
Response: 6979470
Conc: 253.41 ng/ml



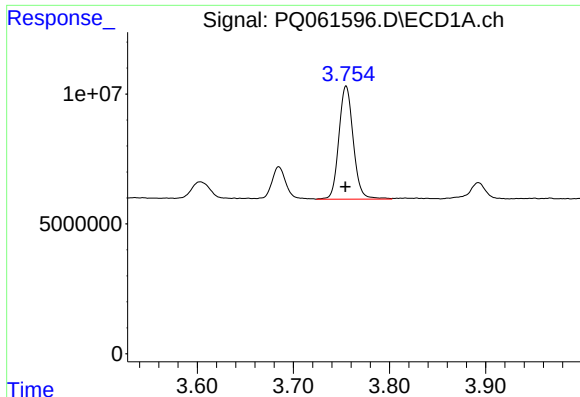
#10 AR-1221-3

R.T.: 3.755 min
Delta R.T.: 0.001 min
Response: 45378549
Conc: 346.19 ng/ml



#10 AR-1221-3

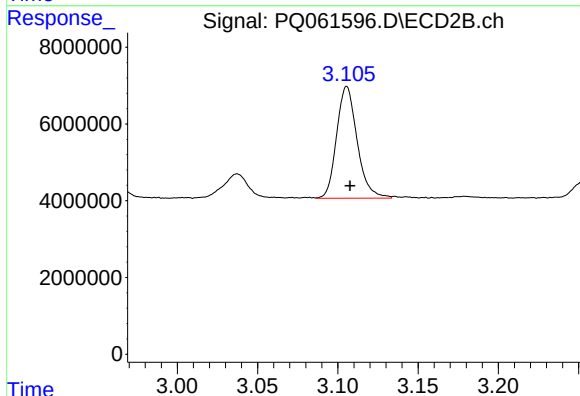
R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 25984253
Conc: 306.63 ng/ml



#11 AR-1232-1

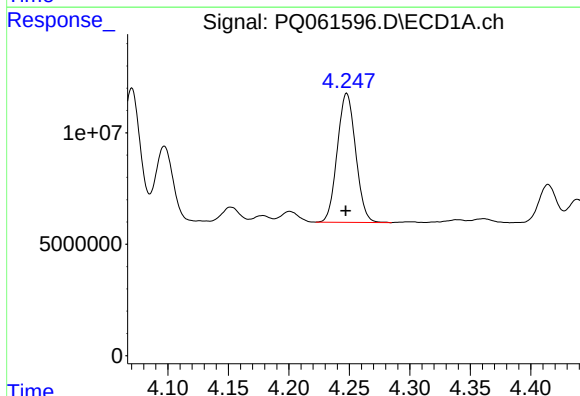
R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 45378549
Conc: 474.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



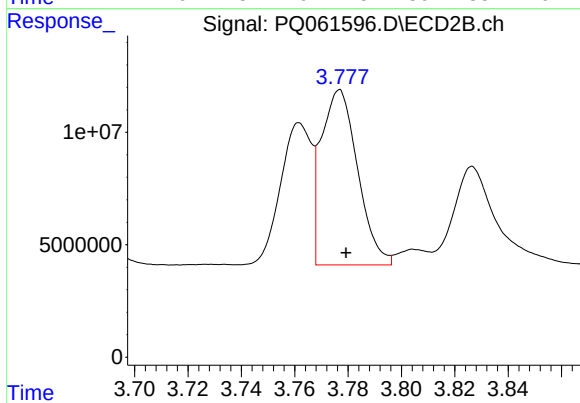
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 25984253
Conc: 421.94 ng/ml



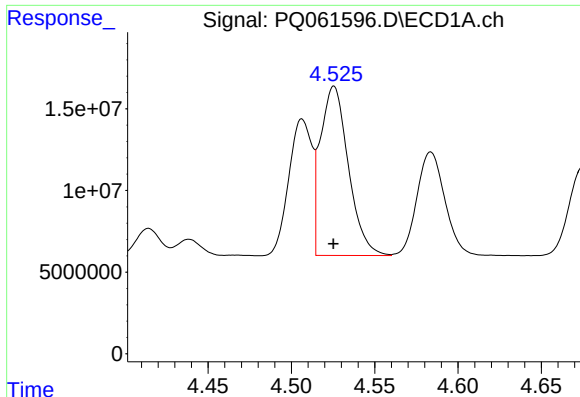
#12 AR-1232-2

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 61248681
Conc: 1114.92 ng/ml



#12 AR-1232-2

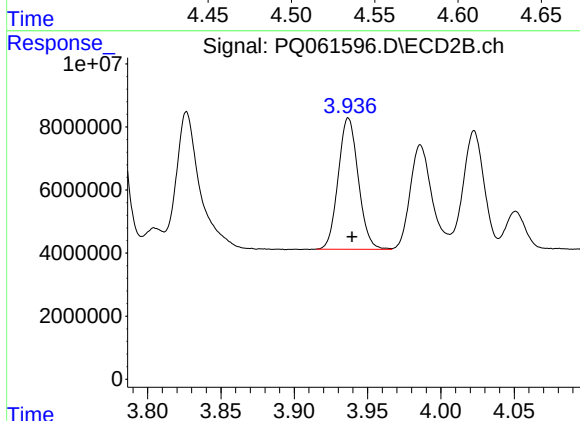
R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 73891877
Conc: 1072.49 ng/ml



#13 AR-1232-3

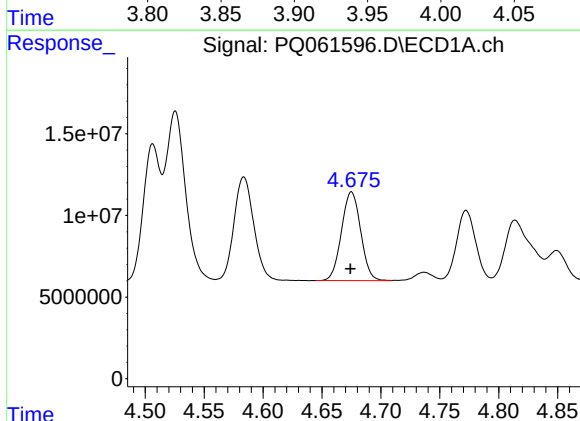
R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 121303834
Conc: 1161.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



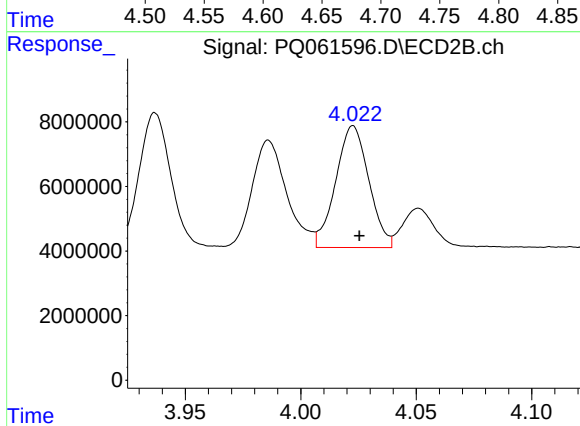
#13 AR-1232-3

R.T.: 3.937 min
Delta R.T.: -0.002 min
Response: 39715081
Conc: 1098.31 ng/ml



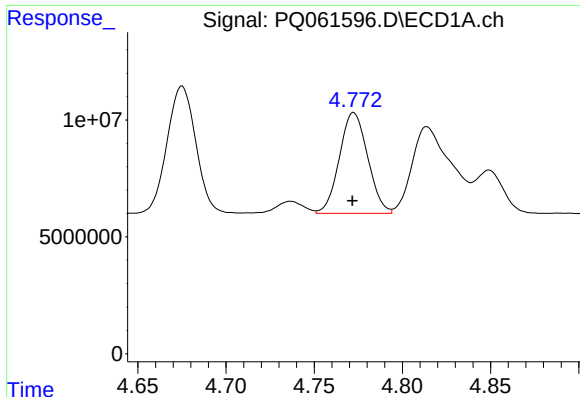
#14 AR-1232-4

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 61761927
Conc: 1164.06 ng/ml



#14 AR-1232-4

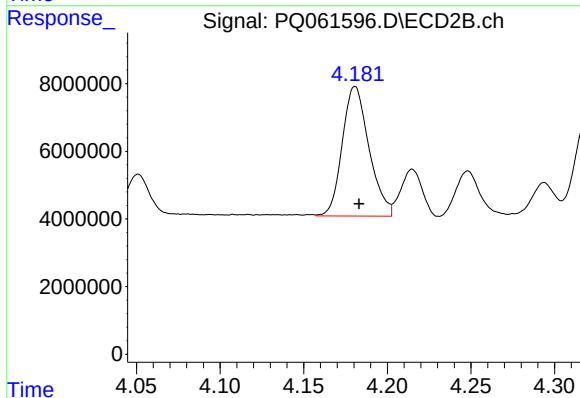
R.T.: 4.023 min
Delta R.T.: -0.003 min
Response: 37627707
Conc: 1167.44 ng/ml



#15 AR-1232-5

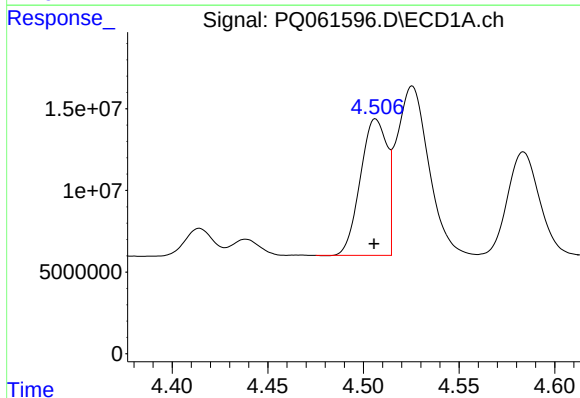
R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 48120106
Conc: 1275.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



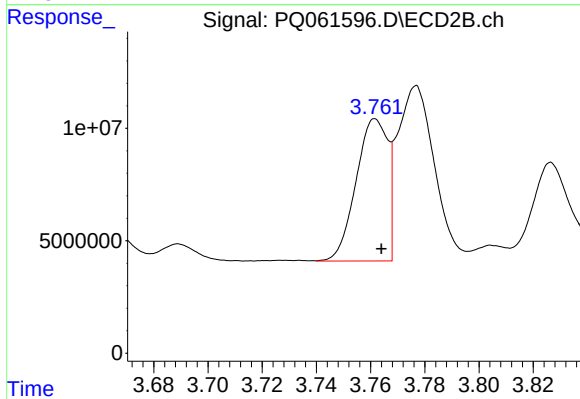
#15 AR-1232-5

R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 42689654
Conc: 1113.91 ng/ml



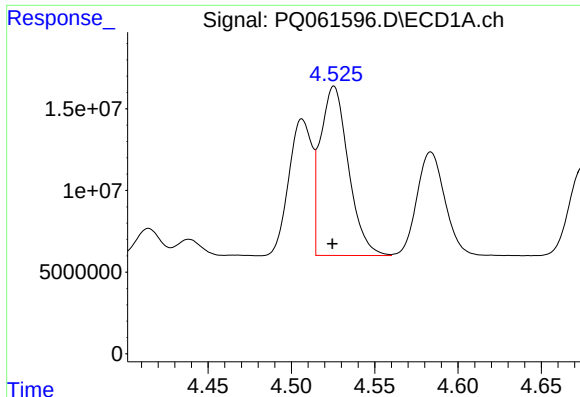
#16 AR-1242-1

R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 80770919
Conc: 711.84 ng/ml



#16 AR-1242-1

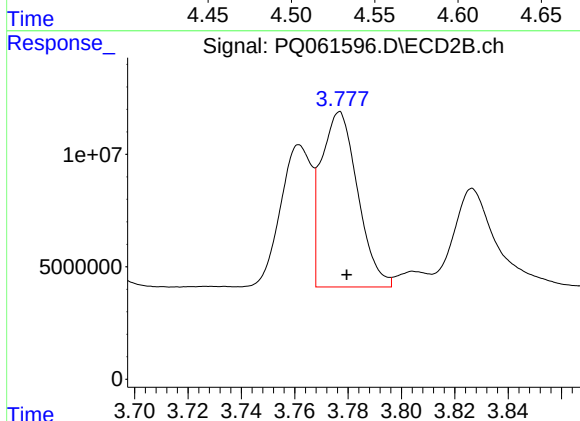
R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 50969341
Conc: 665.49 ng/ml



#17 AR-1242-2

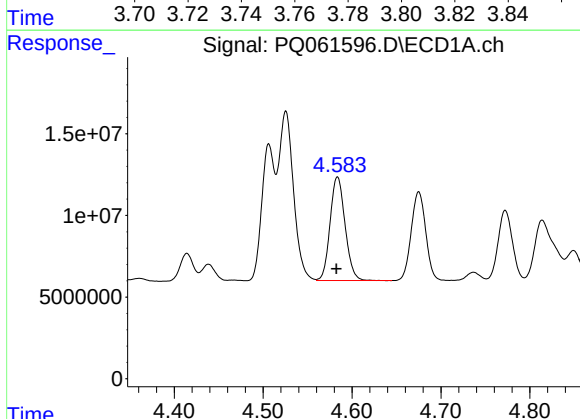
R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 121303834
Conc: 714.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



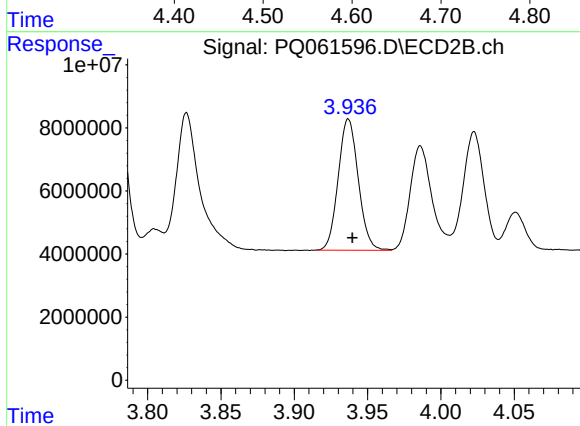
#17 AR-1242-2

R.T.: 3.777 min
Delta R.T.: -0.003 min
Response: 73891877
Conc: 666.75 ng/ml



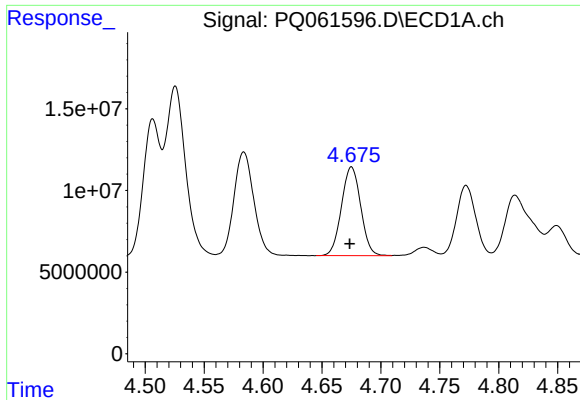
#18 AR-1242-3

R.T.: 4.584 min
Delta R.T.: 0.001 min
Response: 74303977
Conc: 694.55 ng/ml



#18 AR-1242-3

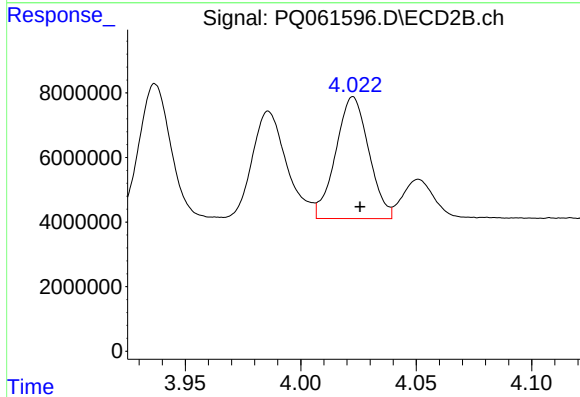
R.T.: 3.937 min
Delta R.T.: -0.003 min
Response: 39715081
Conc: 671.06 ng/ml



#19 AR-1242-4

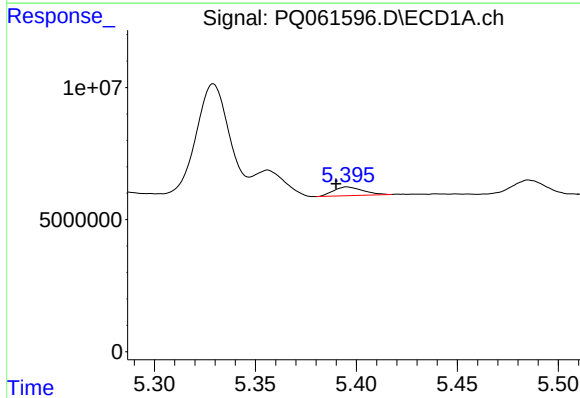
R.T.: 4.675 min
Delta R.T.: 0.001 min
Response: 61761927
Conc: 711.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



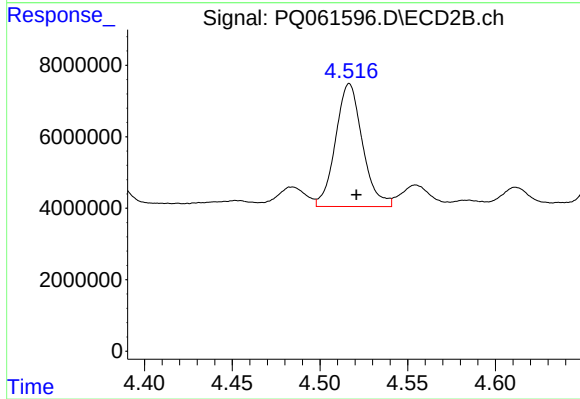
#19 AR-1242-4

R.T.: 4.023 min
Delta R.T.: -0.003 min
Response: 37627707
Conc: 628.33 ng/ml



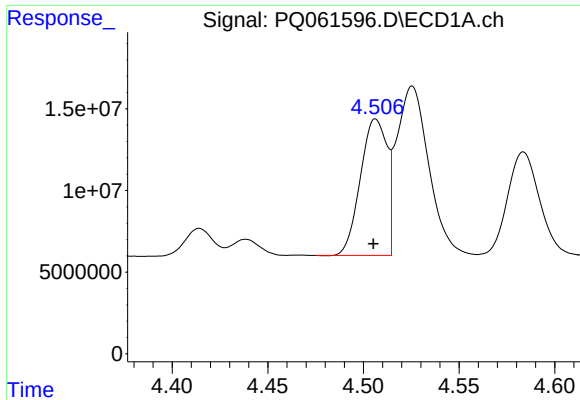
#20 AR-1242-5

R.T.: 5.395 min
Delta R.T.: 0.006 min
Response: 3364313
Conc: 37.93 ng/ml



#20 AR-1242-5

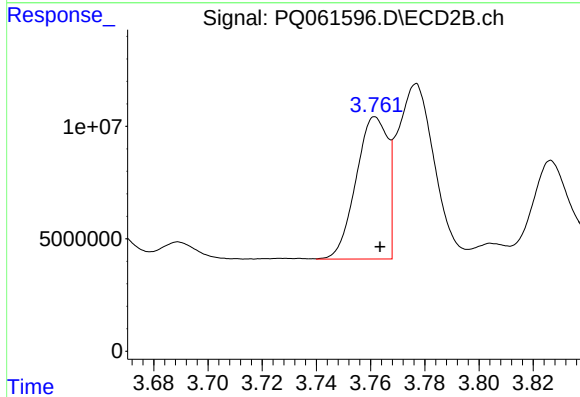
R.T.: 4.517 min
Delta R.T.: -0.004 min
Response: 36749161
Conc: 458.96 ng/ml



#21 AR-1248-1

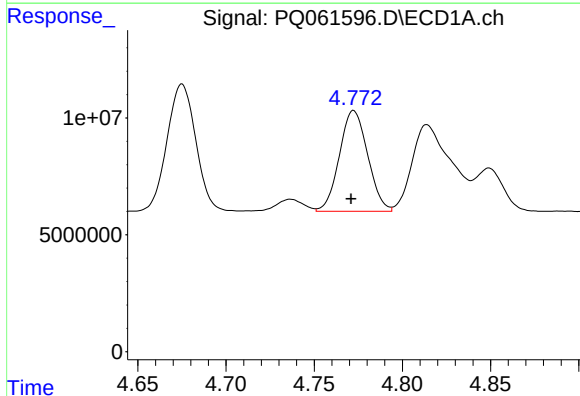
R.T.: 4.506 min
Delta R.T.: 0.001 min
Response: 80770919
Conc: 896.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



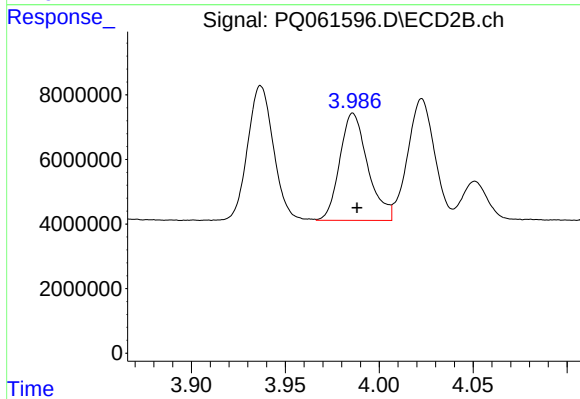
#21 AR-1248-1

R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 50969341
Conc: 818.97 ng/ml



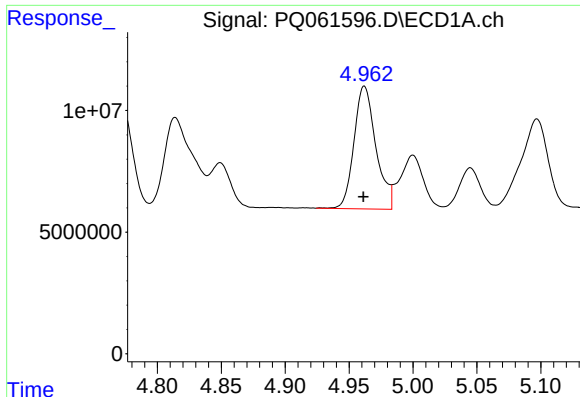
#22 AR-1248-2

R.T.: 4.772 min
Delta R.T.: 0.001 min
Response: 48120106
Conc: 378.52 ng/ml



#22 AR-1248-2

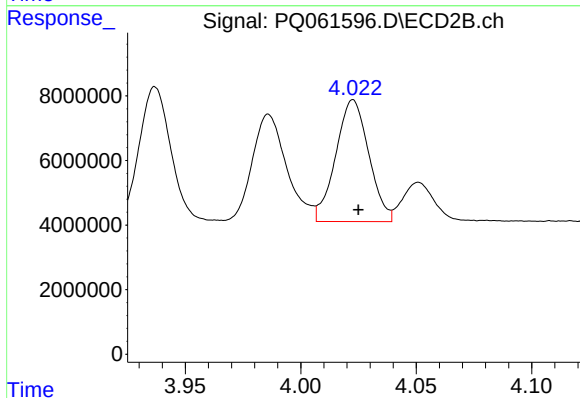
R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 34508161
Conc: 357.02 ng/ml



#23 AR-1248-3

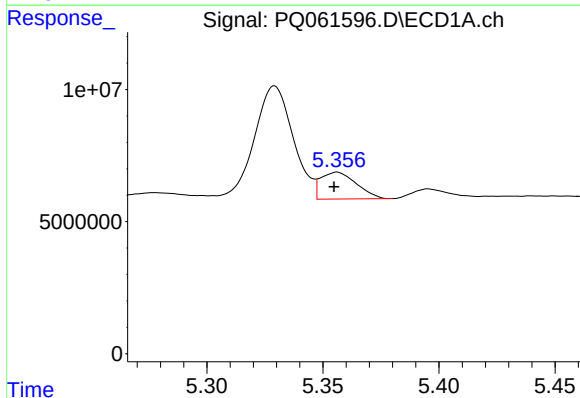
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 60329413
Conc: 391.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



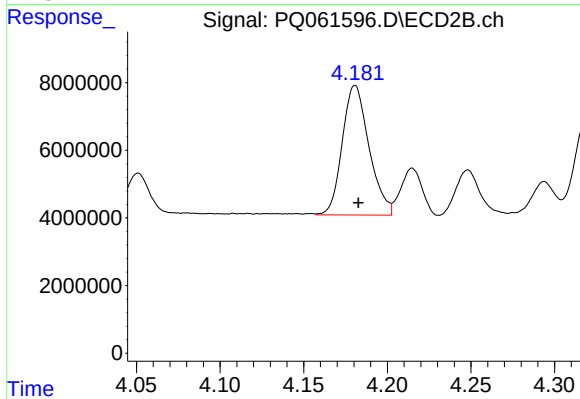
#23 AR-1248-3

R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 37627707
Conc: 411.62 ng/ml



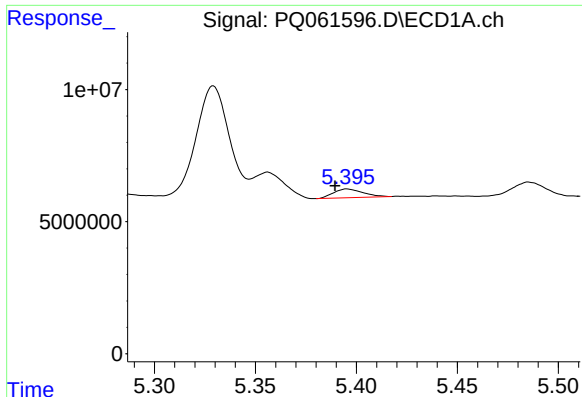
#24 AR-1248-4

R.T.: 5.356 min
Delta R.T.: 0.001 min
Response: 10850657
Conc: 63.92 ng/ml



#24 AR-1248-4

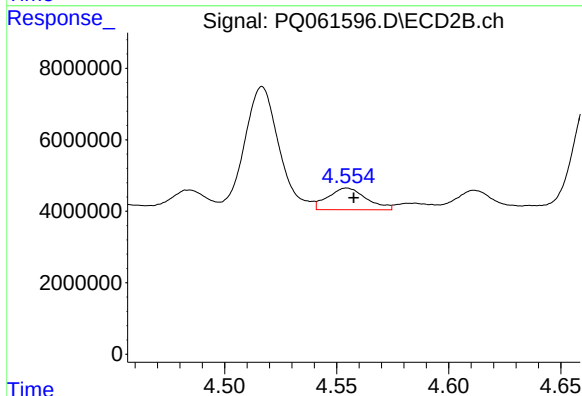
R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 42689654
Conc: 377.01 ng/ml



#25 AR-1248-5

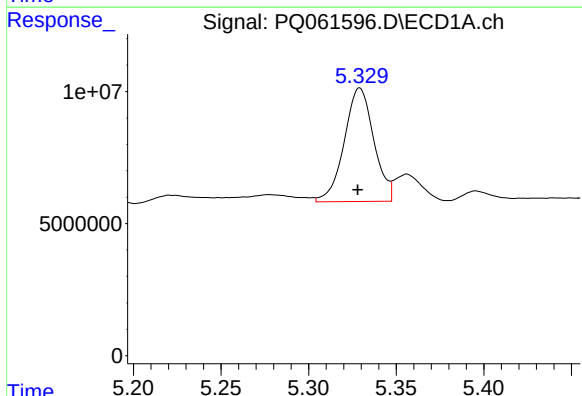
R.T.: 5.395 min
Delta R.T.: 0.006 min
Response: 3364313
Conc: 20.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



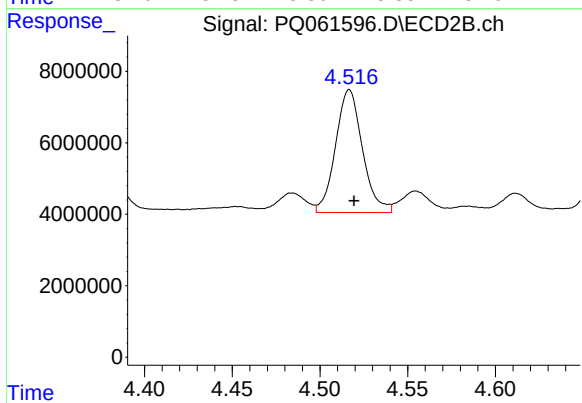
#25 AR-1248-5

R.T.: 4.555 min
Delta R.T.: -0.003 min
Response: 7250834
Conc: 65.84 ng/ml



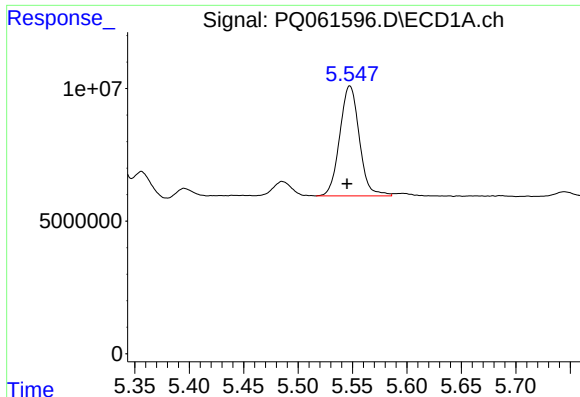
#26 AR-1254-1

R.T.: 5.329 min
Delta R.T.: 0.001 min
Response: 50524733
Conc: 295.81 ng/ml



#26 AR-1254-1

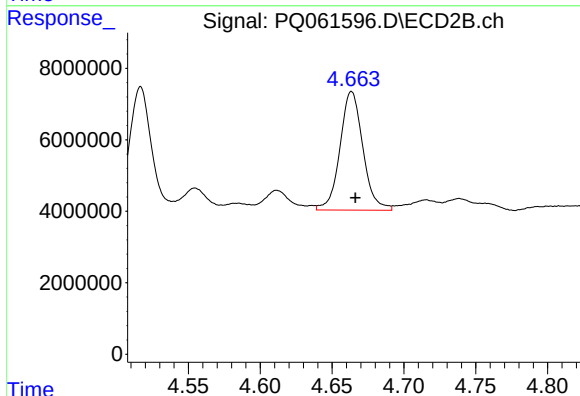
R.T.: 4.517 min
Delta R.T.: -0.003 min
Response: 36749161
Conc: 223.47 ng/ml



#27 AR-1254-2

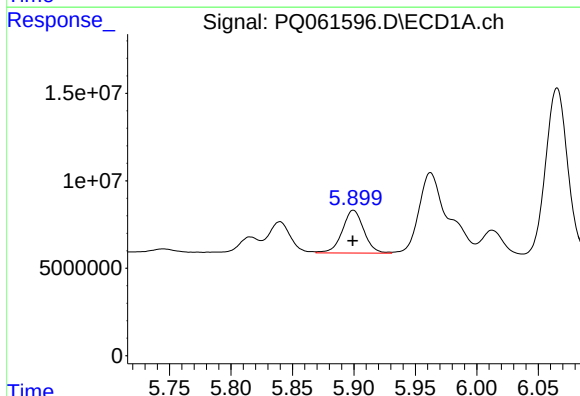
R.T.: 5.548 min
Delta R.T.: 0.003 min
Response: 52009041
Conc: 194.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



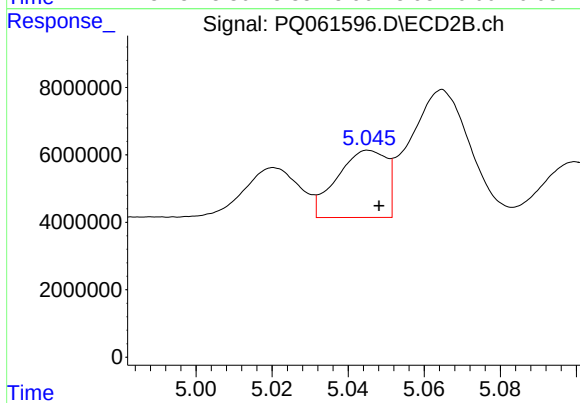
#27 AR-1254-2

R.T.: 4.664 min
Delta R.T.: -0.003 min
Response: 36826206
Conc: 244.85 ng/ml



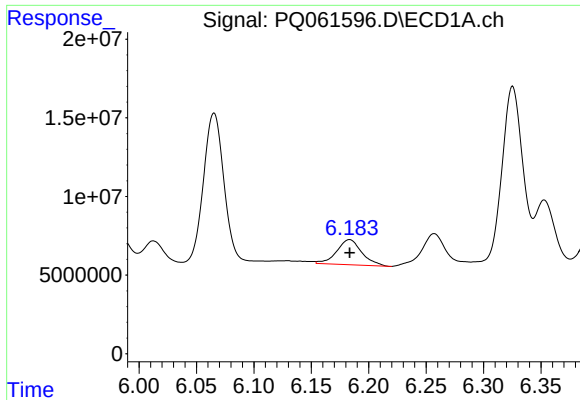
#28 AR-1254-3

R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 29880628
Conc: 106.93 ng/ml



#28 AR-1254-3

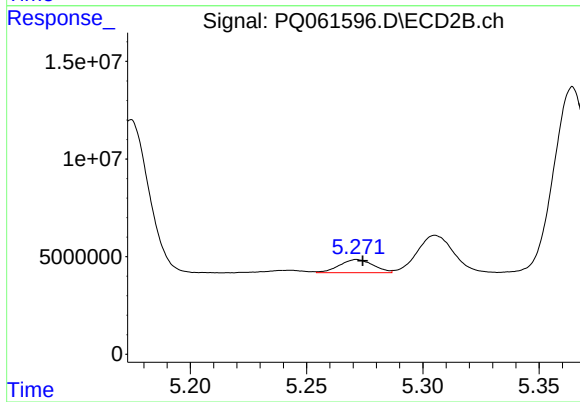
R.T.: 5.045 min
Delta R.T.: -0.003 min
Response: 17943648
Conc: 77.11 ng/ml



#29 AR-1254-4

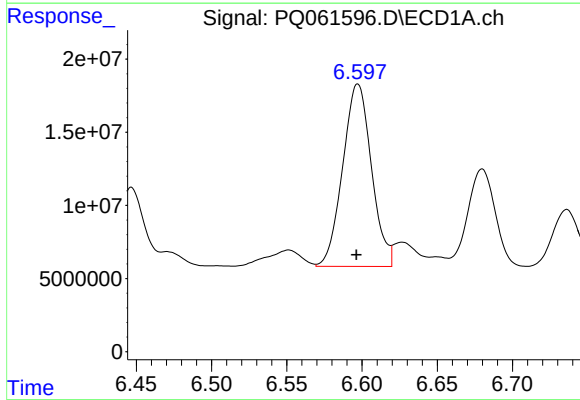
R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 24233741
Conc: 118.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



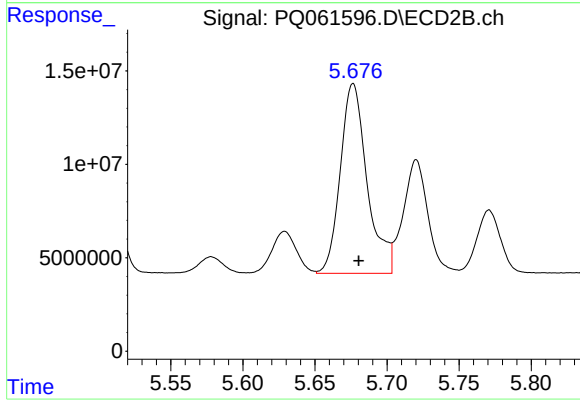
#29 AR-1254-4

R.T.: 5.272 min
Delta R.T.: -0.003 min
Response: 6818583
Conc: 47.46 ng/ml



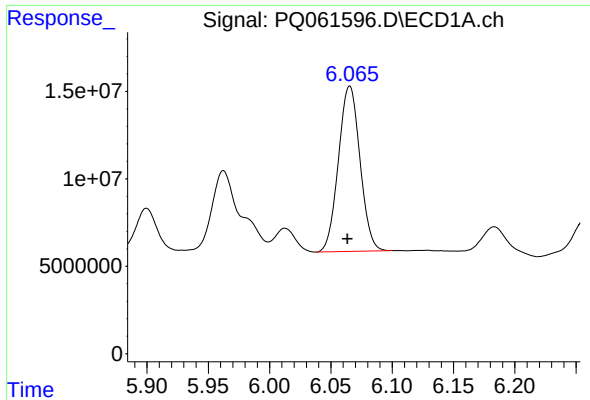
#30 AR-1254-5

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 165704442
Conc: 702.48 ng/ml



#30 AR-1254-5

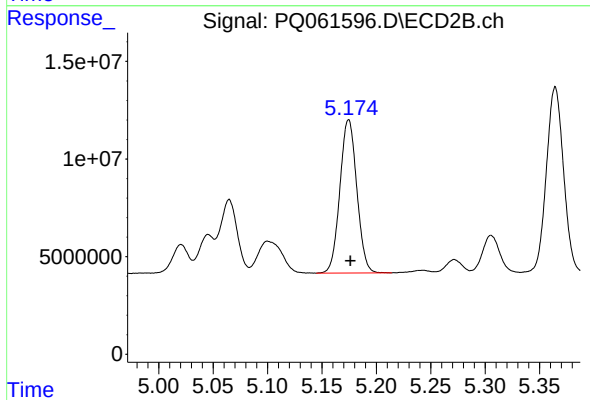
R.T.: 5.676 min
Delta R.T.: -0.004 min
Response: 130911037
Conc: 573.89 ng/ml



#31 AR-1260-1

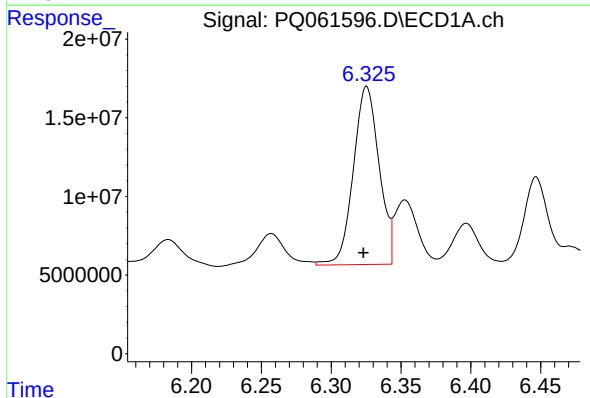
R.T.: 6.065 min
Delta R.T.: 0.002 min
Response: 115619805
Conc: 520.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



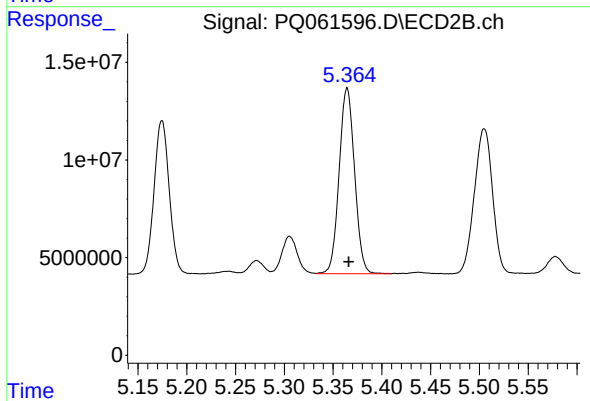
#31 AR-1260-1

R.T.: 5.175 min
Delta R.T.: -0.002 min
Response: 85058127
Conc: 494.50 ng/ml



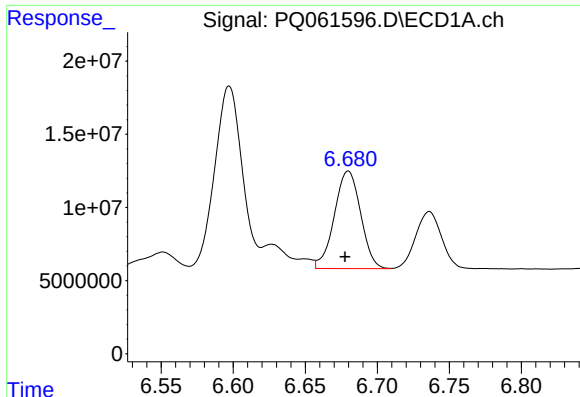
#32 AR-1260-2

R.T.: 6.325 min
Delta R.T.: 0.002 min
Response: 145502440
Conc: 546.91 ng/ml



#32 AR-1260-2

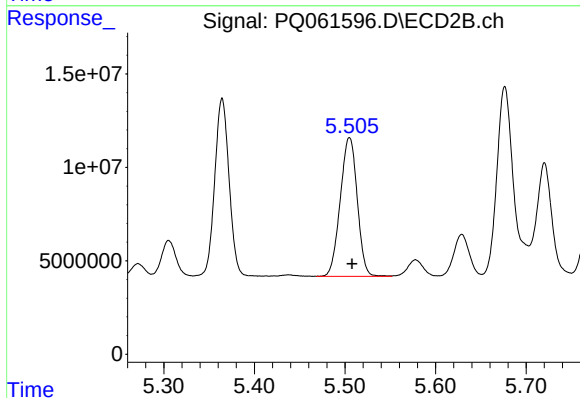
R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 104722017
Conc: 505.33 ng/ml



#33 AR-1260-3

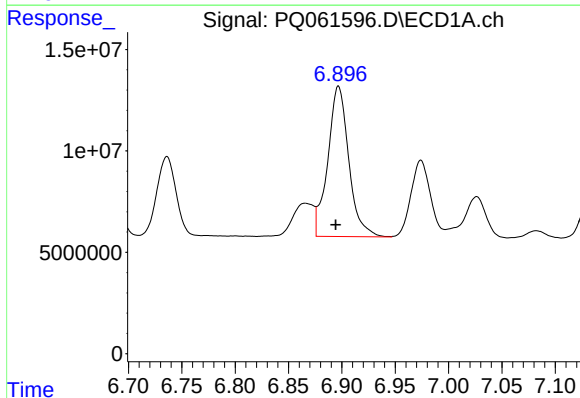
R.T.: 6.680 min
Delta R.T.: 0.002 min
Response: 84981067
Conc: 505.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



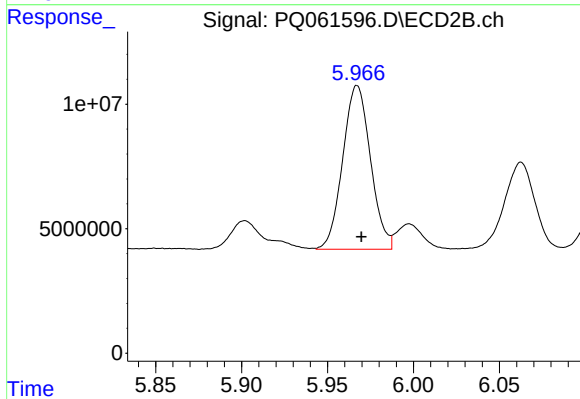
#33 AR-1260-3

R.T.: 5.505 min
Delta R.T.: -0.003 min
Response: 96736428
Conc: 487.06 ng/ml



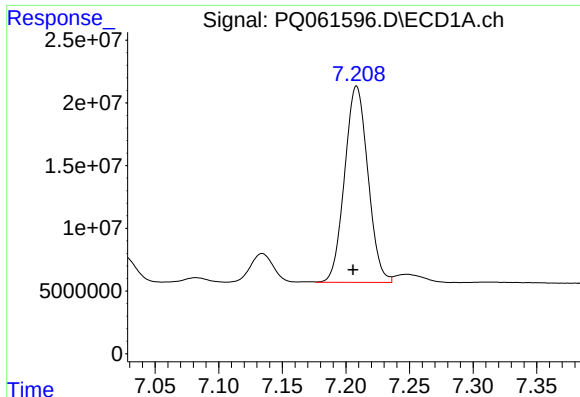
#34 AR-1260-4

R.T.: 6.897 min
Delta R.T.: 0.003 min
Response: 101453098
Conc: 505.51 ng/ml



#34 AR-1260-4

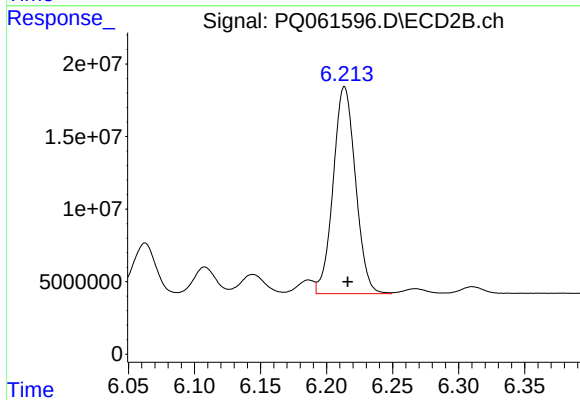
R.T.: 5.967 min
Delta R.T.: -0.003 min
Response: 73998799
Conc: 503.03 ng/ml



#35 AR-1260-5

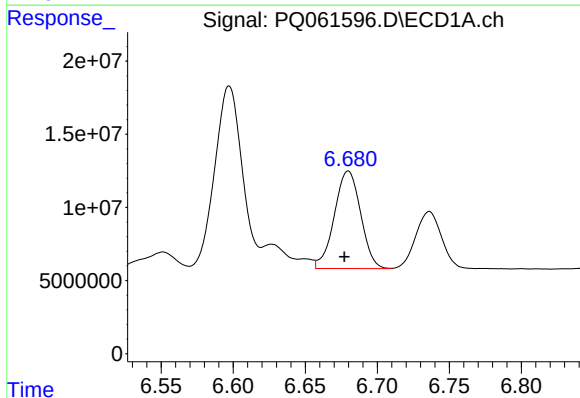
R.T.: 7.208 min
Delta R.T.: 0.003 min
Response: 199506438
Conc: 524.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



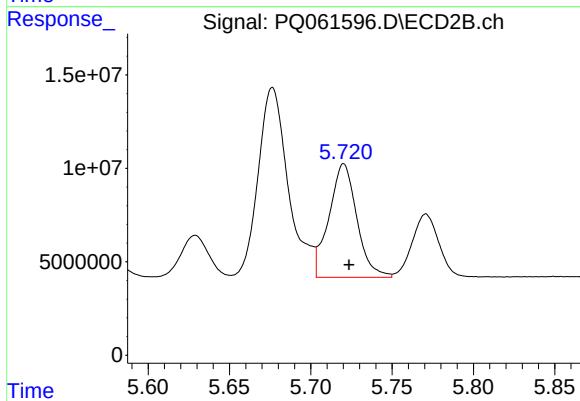
#35 AR-1260-5

R.T.: 6.214 min
Delta R.T.: -0.003 min
Response: 167771363
Conc: 516.68 ng/ml



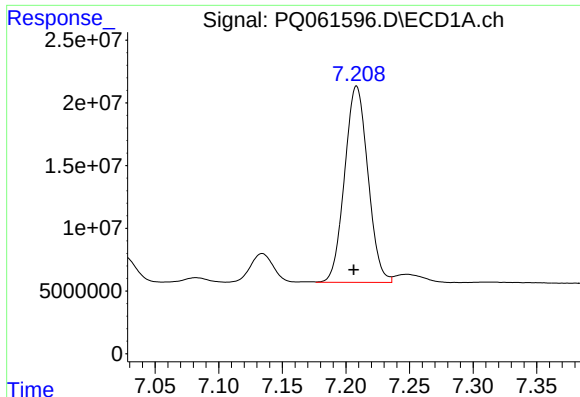
#36 AR-1262-1

R.T.: 6.680 min
Delta R.T.: 0.003 min
Response: 84981067
Conc: 283.84 ng/ml



#36 AR-1262-1

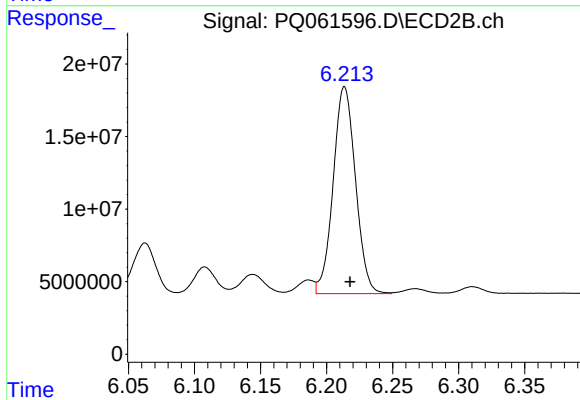
R.T.: 5.720 min
Delta R.T.: -0.003 min
Response: 72343603
Conc: 298.51 ng/ml



#37 AR-1262-2

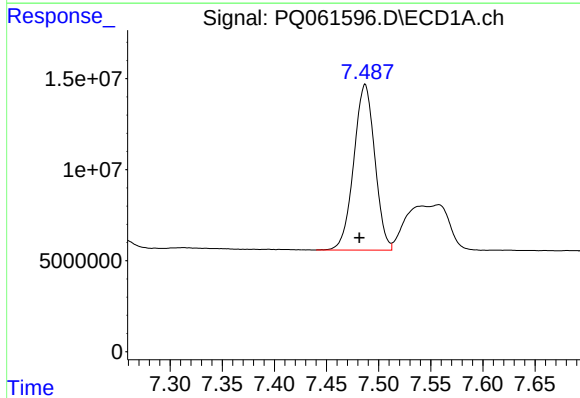
R.T.: 7.208 min
Delta R.T.: 0.002 min
Response: 199506438
Conc: 395.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



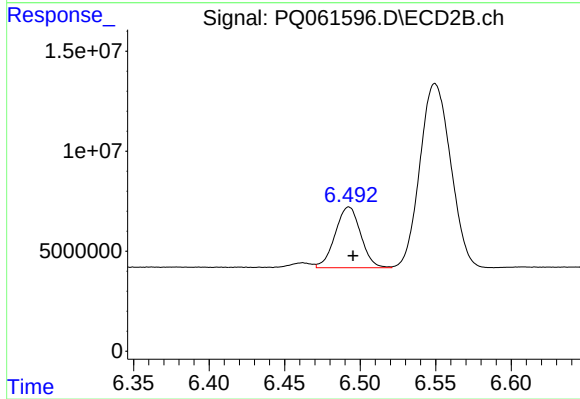
#37 AR-1262-2

R.T.: 6.214 min
Delta R.T.: -0.004 min
Response: 167771363
Conc: 383.87 ng/ml



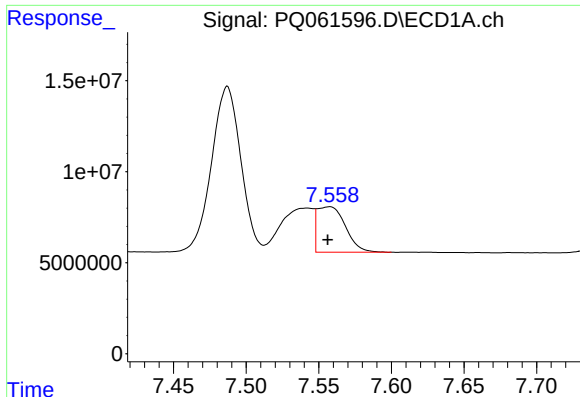
#38 AR-1262-3

R.T.: 7.487 min
Delta R.T.: 0.006 min
Response: 127919924
Conc: 378.52 ng/ml



#38 AR-1262-3

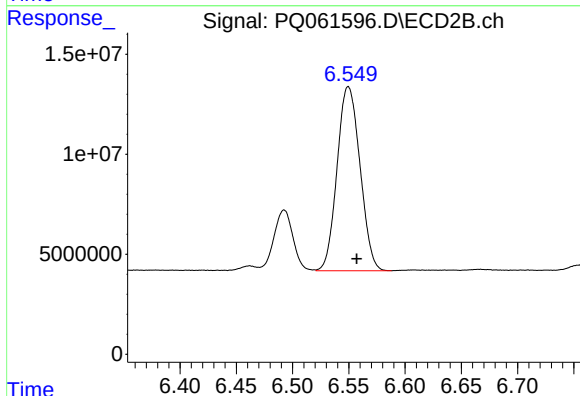
R.T.: 6.493 min
Delta R.T.: -0.003 min
Response: 35671390
Conc: 197.94 ng/ml



#39 AR-1262-4

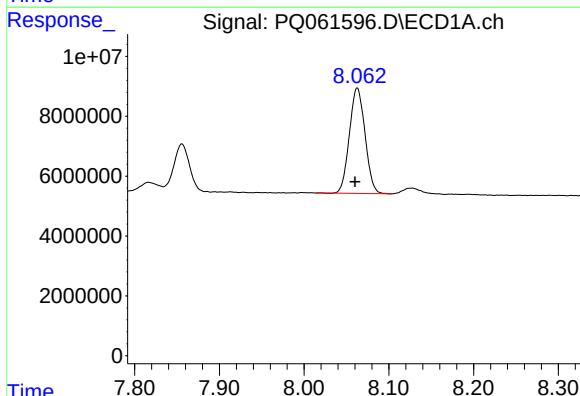
R.T.: 7.557 min
Delta R.T.: 0.001 min
Response: 33639146
Conc: 130.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



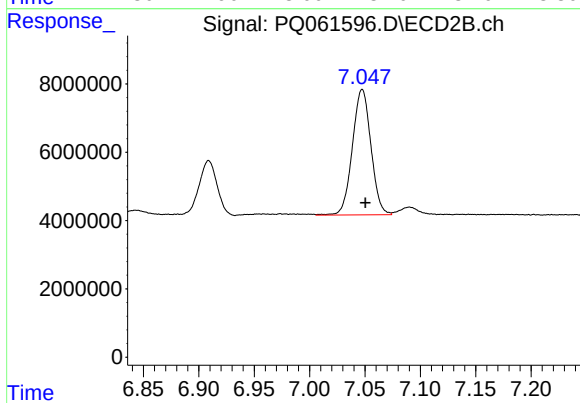
#39 AR-1262-4

R.T.: 6.550 min
Delta R.T.: -0.007 min
Response: 130680654
Conc: 394.06 ng/ml



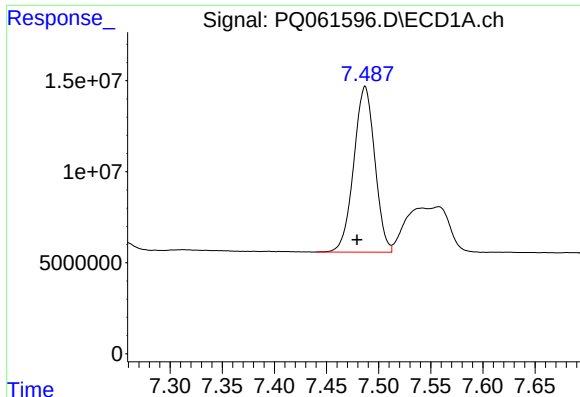
#40 AR-1262-5

R.T.: 8.063 min
Delta R.T.: 0.003 min
Response: 45237556
Conc: 265.62 ng/ml



#40 AR-1262-5

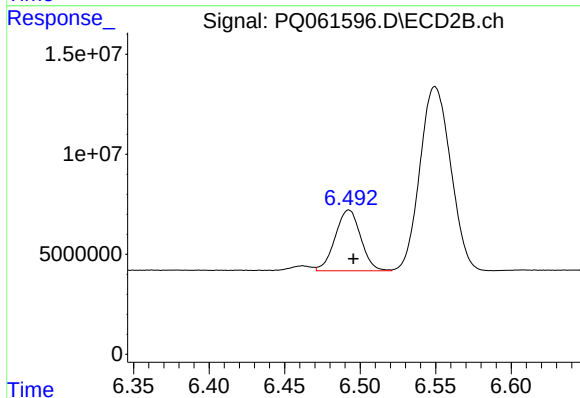
R.T.: 7.048 min
Delta R.T.: -0.003 min
Response: 42828074
Conc: 266.97 ng/ml



#41 AR-1268-1

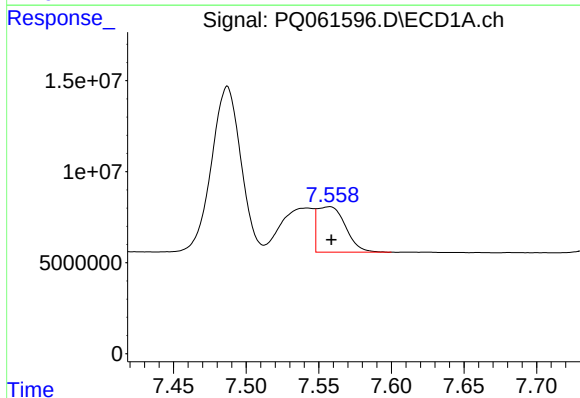
R.T.: 7.487 min
Delta R.T.: 0.008 min
Response: 127919924
Conc: 232.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



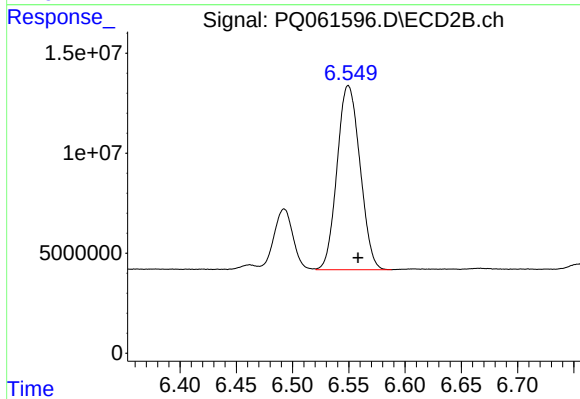
#41 AR-1268-1

R.T.: 6.493 min
Delta R.T.: -0.003 min
Response: 35671390
Conc: 72.61 ng/ml



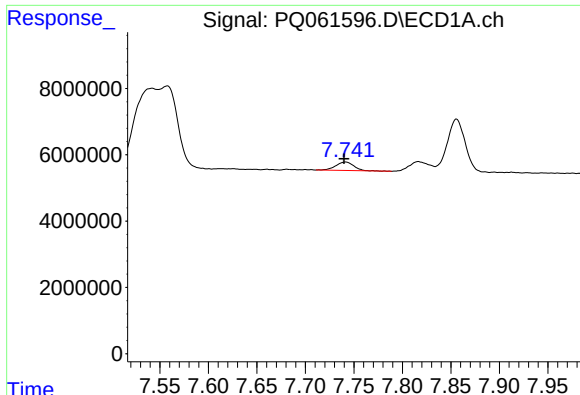
#42 AR-1268-2

R.T.: 7.557 min
Delta R.T.: -0.001 min
Response: 33639146
Conc: 68.27 ng/ml



#42 AR-1268-2

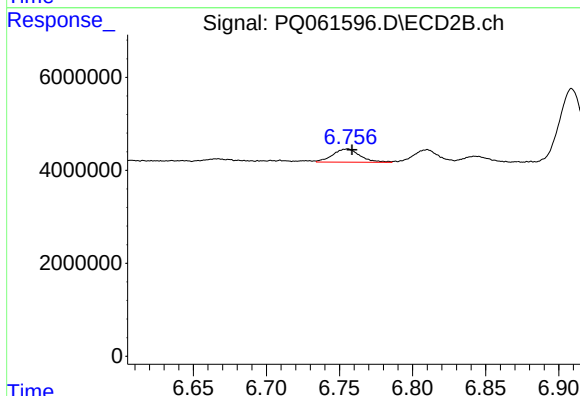
R.T.: 6.550 min
Delta R.T.: -0.009 min
Response: 130680654
Conc: 293.74 ng/ml



#43 AR-1268-3

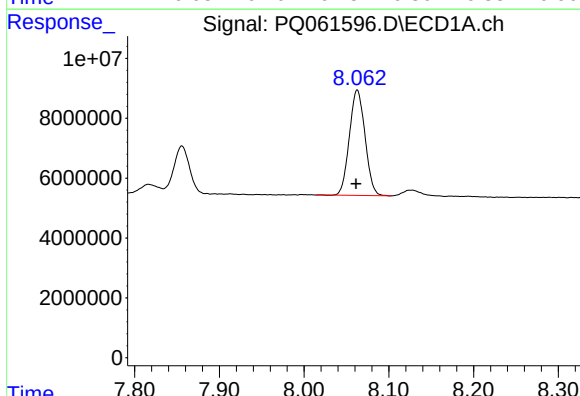
R.T.: 7.742 min
Delta R.T.: 0.002 min
Response: 3356857
Conc: 8.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



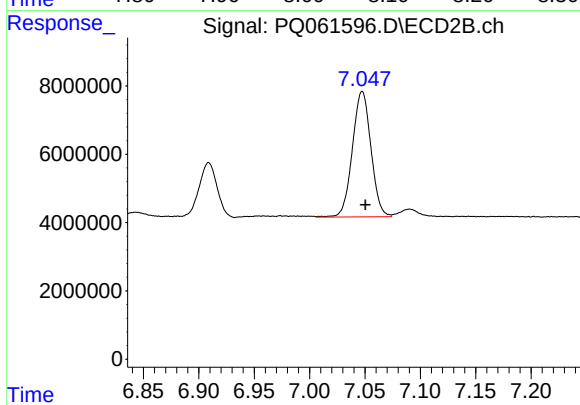
#43 AR-1268-3

R.T.: 6.755 min
Delta R.T.: -0.003 min
Response: 3696596
Conc: 9.44 ng/ml



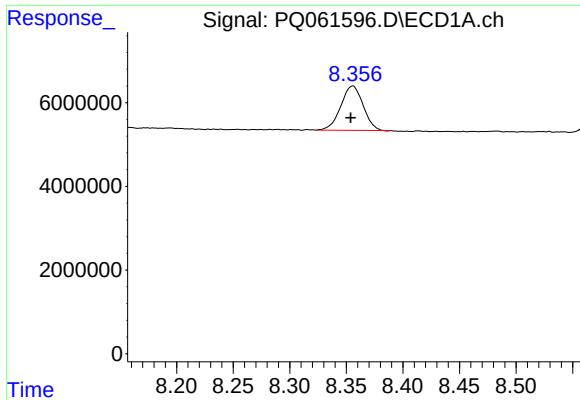
#44 AR-1268-4

R.T.: 8.063 min
Delta R.T.: 0.002 min
Response: 45237556
Conc: 255.57 ng/ml



#44 AR-1268-4

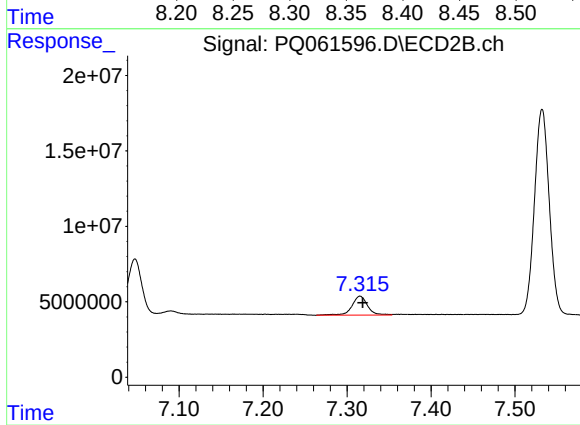
R.T.: 7.048 min
Delta R.T.: -0.003 min
Response: 42828074
Conc: 255.11 ng/ml



#45 AR-1268-5

R.T.: 8.356 min
Delta R.T.: 0.002 min
Response: 14585110
Conc: 12.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.316 min
Delta R.T.: -0.003 min
Response: 16419957
Conc: 13.24 ng/ml