

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061323\
 Data File : PQ061375.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2023 14:56
 Operator : YP\AJ
 Sample : 03141-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 21:32:40 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...	3.404	2.760	128.1E6	72334279	28.508	27.088
2)	SA Decachlor...	8.586	7.534	70375563	72188898	20.891	21.507
Target Compounds							
3)	L1 AR-1016-1	4.505	3.762	81906922	59835418	532.042	580.130
4)	L1 AR-1016-2	4.524	3.778	132.2E6	88592934	579.395	594.646
5)	L1 AR-1016-3	4.581	3.938	80847297	47551341	568.940	601.720
6)	L1 AR-1016-4	4.674	3.987	65697661	40737778	570.600	573.712
7)	L1 AR-1016-5	4.960	4.182	67513447	50683513	584.164	592.003
8)	L2 AR-1221-1	3.599	2.960	11435468	5476472	203.802	153.807
9)	L2 AR-1221-2	3.683	3.038	11388517	9061331	269.869	328.996
10)	L2 AR-1221-3	3.753	3.106	53633718	33872919	409.164	399.725
11)	L3 AR-1232-1	3.753	3.106	53633718	33872919	561.090	550.039
12)	L3 AR-1232-2	4.246	3.778	69160277	88592934	1258.931	1285.862
13)	L3 AR-1232-3	4.524	3.938	132.2E6	47551341	1265.535	1315.019
14)	L3 AR-1232-4	4.674	4.024	65697661	44575393	1238.234	1383.004
15)	L3 AR-1232-5	4.771	4.182	51522447	50683513	1366.192	1322.490
16)	L4 AR-1242-1	4.505	3.762	81906922	59835418	721.847	781.251
17)	L4 AR-1242-2	4.524	3.778	132.2E6	88592934	778.556	799.401
18)	L4 AR-1242-3	4.581	3.938	80847297	47551341	755.718	803.471
19)	L4 AR-1242-4	4.674	4.024	65697661	44575393	756.972	744.344
20)	L4 AR-1242-5	5.390	4.518	14545581	39827423	164.008	497.408 #
21)	L5 AR-1248-1	4.505	3.762	81906922	59835418	909.026	961.435
22)	L5 AR-1248-2	4.771	3.987	51522447	40737778	405.288	421.471
23)	L5 AR-1248-3	4.960	4.024	67513447	44575393	438.283	487.625
24)	L5 AR-1248-4	5.354	4.182	11510576	50683513	67.809	447.611 #
25)	L5 AR-1248-5	5.390	4.556	14545581	7556145	88.785	68.608
26)	L6 AR-1254-1	5.327	4.518	56898007	39827423	333.124	242.192 #
27)	L6 AR-1254-2	5.545	4.665	58074929	39399346	217.196	261.953
28)	L6 AR-1254-3	5.898	5.047	33884494	21510139	121.257	92.438
29)	L6 AR-1254-4	6.180	5.273	16454740	7980682	80.391	55.549 #
30)	L6 AR-1254-5	6.595	5.678	171.3E6	143.4E6	726.162	628.784
31)	L7 AR-1260-1	6.063	5.176	120.2E6	97168118	541.229	564.900
32)	L7 AR-1260-2	6.324	5.365	145.1E6	118.1E6	545.424	569.708
33)	L7 AR-1260-3	6.677	5.506	87742272	106.8E6	521.817	537.549
34)	L7 AR-1260-4	6.895	5.970	105.6E6	83683963	526.096	568.870
35)	L7 AR-1260-5	7.206	6.216	203.3E6	176.6E6	534.193	543.983
36)	L8 AR-1262-1	6.677	5.722	87742272	78470272	293.063	323.792
37)	L8 AR-1262-2	7.206	6.216	203.3E6	176.6E6	403.248	404.156
38)	L8 AR-1262-3	7.484	6.494	135.5E6	38226997	400.985	212.116 #
39)	L8 AR-1262-4	7.555	6.551	41134443	137.9E6	160.171	415.757 #
40)	L8 AR-1262-5	8.059	7.049	47743786	43721211	280.337	272.542
41)	L9 AR-1268-1	7.484	6.494	135.5E6	38226997	246.048	77.808 #

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 Data File : PQ061375.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2023 14:56
 Operator : YP\AJ
 Sample : 03141-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

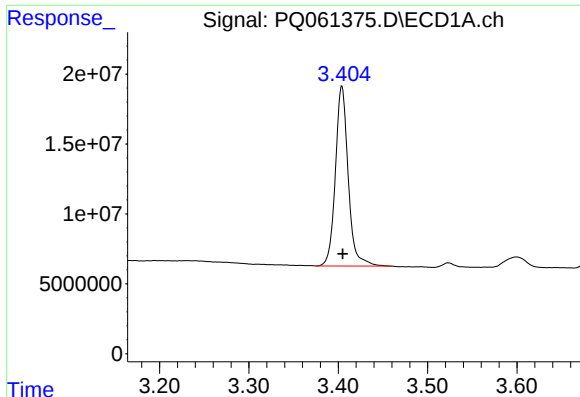
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 21:32:40 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	7.555	6.551	41134443	137.9E6	83.481	309.914 #
43) L9	AR-1268-3	7.737	6.757	4272929	8983934	10.362	22.949 #
44) L9	AR-1268-4	8.059	7.049	47743786	43721211	269.727	260.432
45) L9	AR-1268-5	8.352	7.316	13841028	18783045	11.645	15.147 #

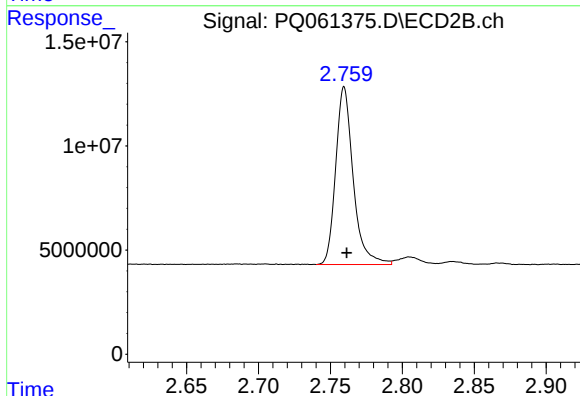
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

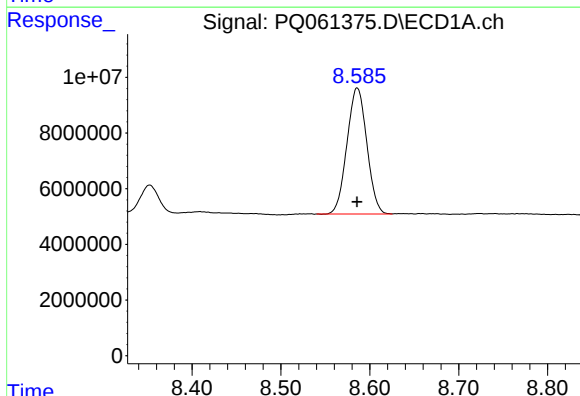
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 128143333
Conc: 28.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



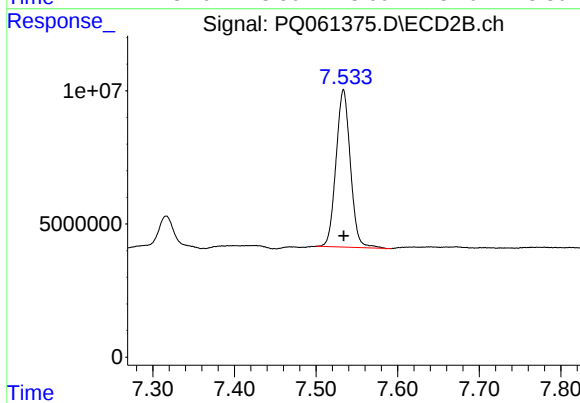
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: -0.002 min
Response: 72334279
Conc: 27.09 ng/ml



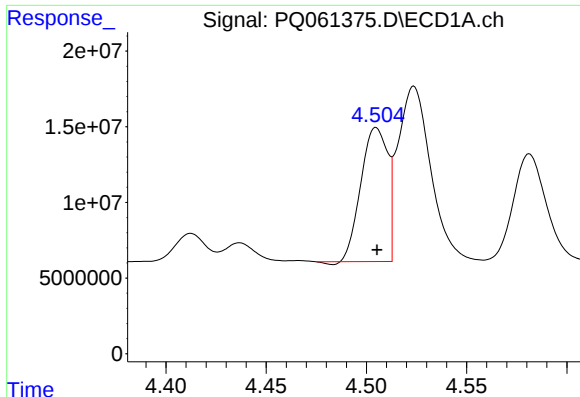
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.000 min
Response: 70375563
Conc: 20.89 ng/ml



#2 Decachlorobiphenyl

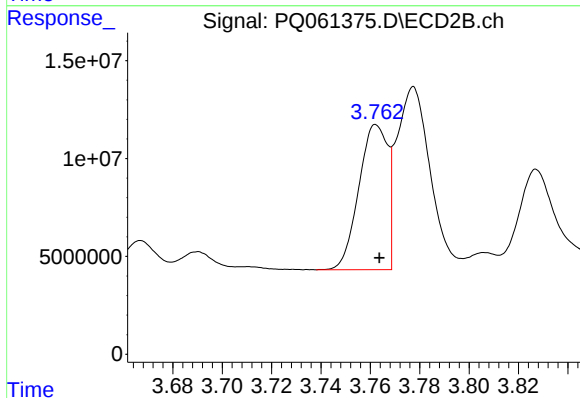
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 72188898
Conc: 21.51 ng/ml



#3 AR-1016-1

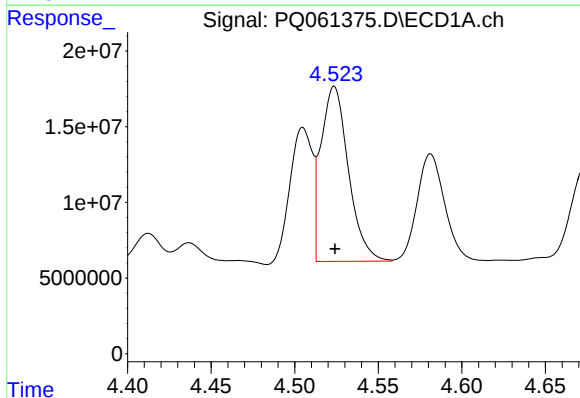
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 81906922
Conc: 532.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



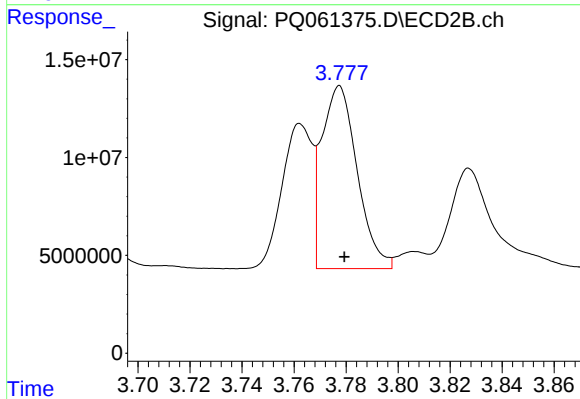
#3 AR-1016-1

R.T.: 3.762 min
Delta R.T.: -0.001 min
Response: 59835418
Conc: 580.13 ng/ml



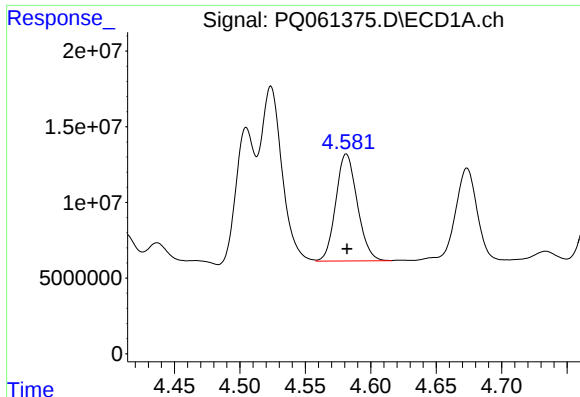
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 132197521
Conc: 579.40 ng/ml



#4 AR-1016-2

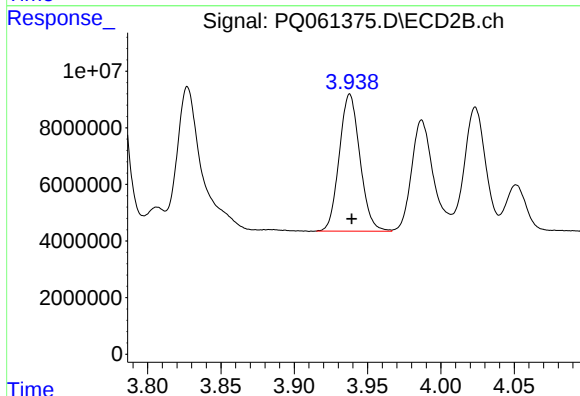
R.T.: 3.778 min
Delta R.T.: -0.002 min
Response: 88592934
Conc: 594.65 ng/ml



#5 AR-1016-3

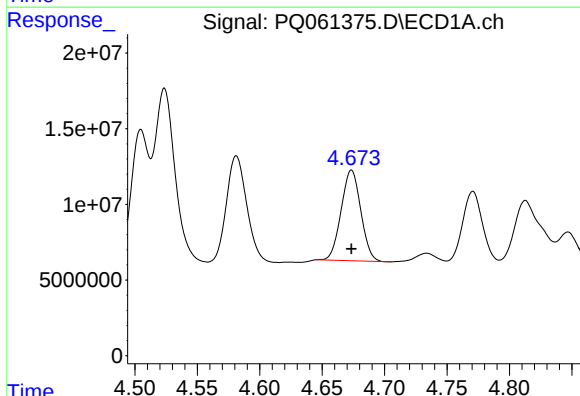
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 80847297
Conc: 568.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



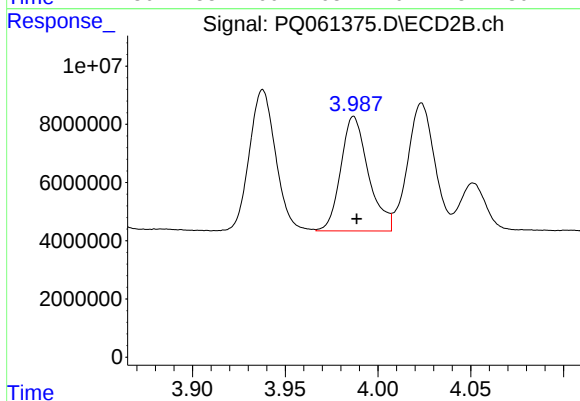
#5 AR-1016-3

R.T.: 3.938 min
Delta R.T.: -0.001 min
Response: 47551341
Conc: 601.72 ng/ml



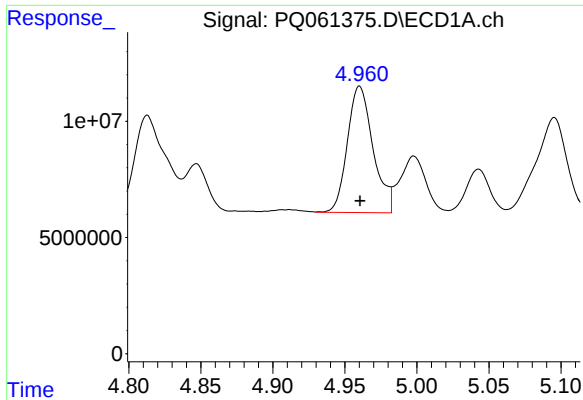
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 65697661
Conc: 570.60 ng/ml



#6 AR-1016-4

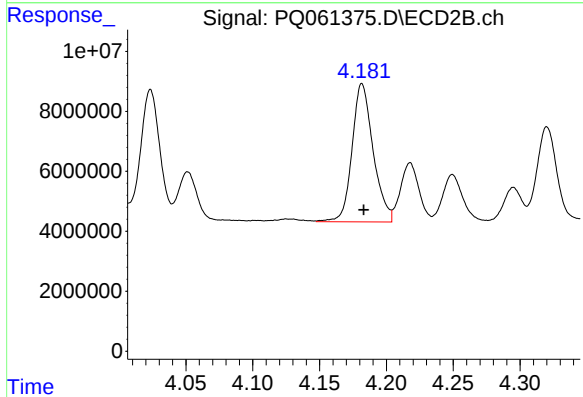
R.T.: 3.987 min
Delta R.T.: -0.002 min
Response: 40737778
Conc: 573.71 ng/ml



#7 AR-1016-5

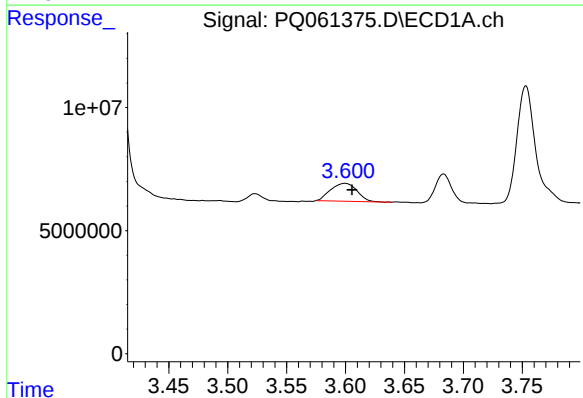
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 67513447
Conc: 584.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



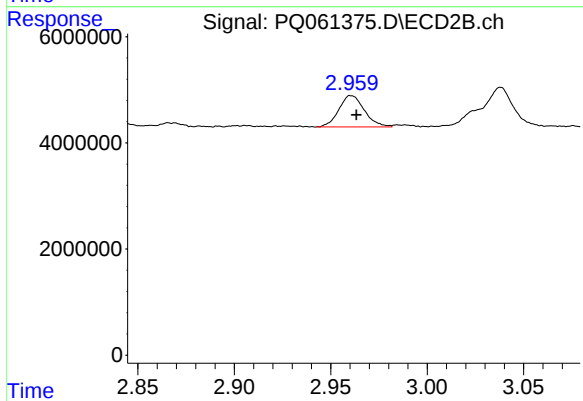
#7 AR-1016-5

R.T.: 4.182 min
Delta R.T.: -0.001 min
Response: 50683513
Conc: 592.00 ng/ml



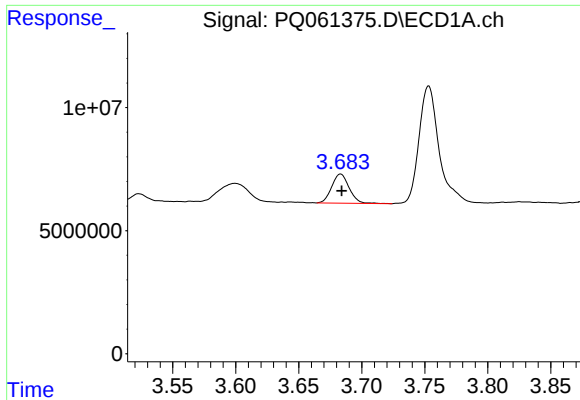
#8 AR-1221-1

R.T.: 3.599 min
Delta R.T.: -0.006 min
Response: 11435468
Conc: 203.80 ng/ml



#8 AR-1221-1

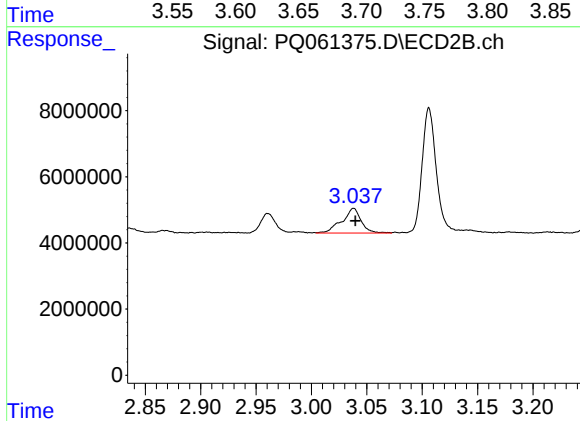
R.T.: 2.960 min
Delta R.T.: -0.003 min
Response: 5476472
Conc: 153.81 ng/ml



#9 AR-1221-2

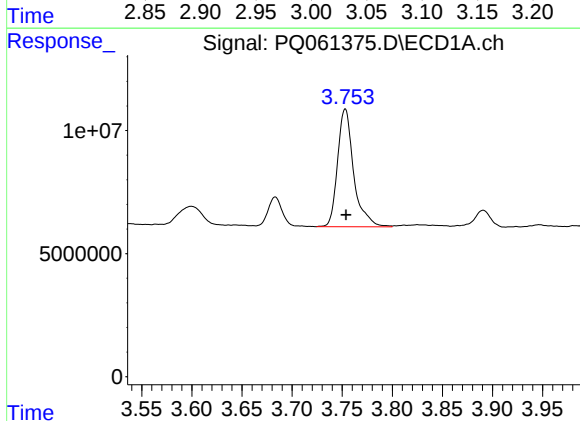
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 11388517
Conc: 269.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



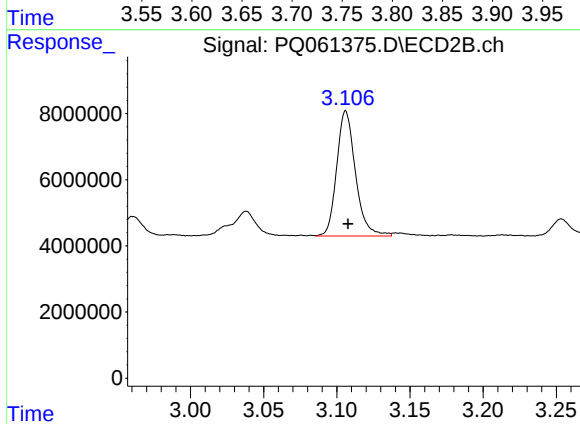
#9 AR-1221-2

R.T.: 3.038 min
Delta R.T.: -0.002 min
Response: 9061331
Conc: 329.00 ng/ml



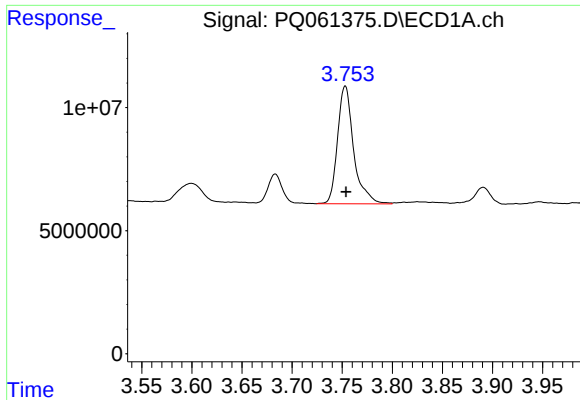
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 53633718
Conc: 409.16 ng/ml



#10 AR-1221-3

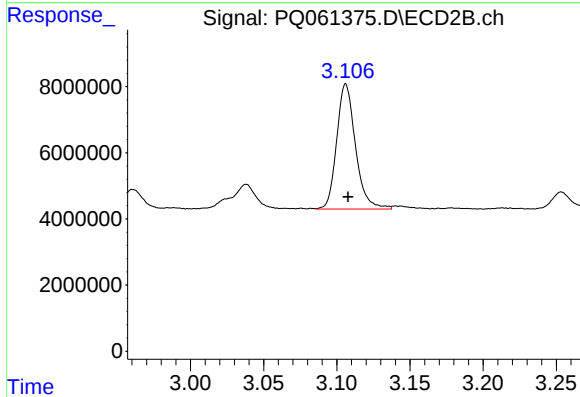
R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 33872919
Conc: 399.73 ng/ml



#11 AR-1232-1

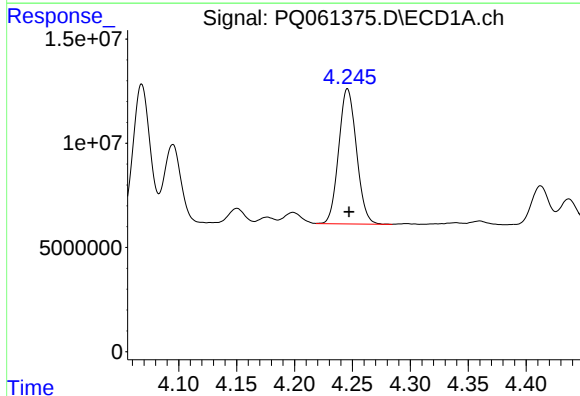
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 53633718
Conc: 561.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



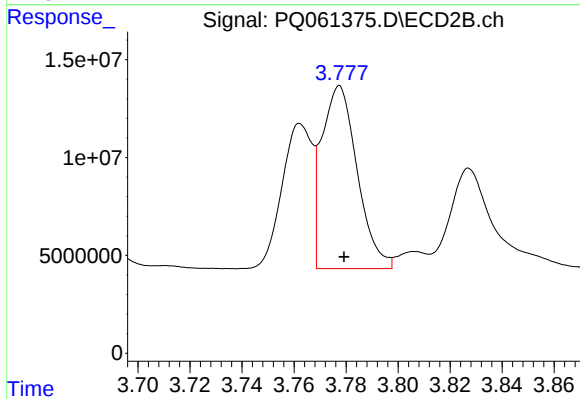
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: -0.001 min
Response: 33872919
Conc: 550.04 ng/ml



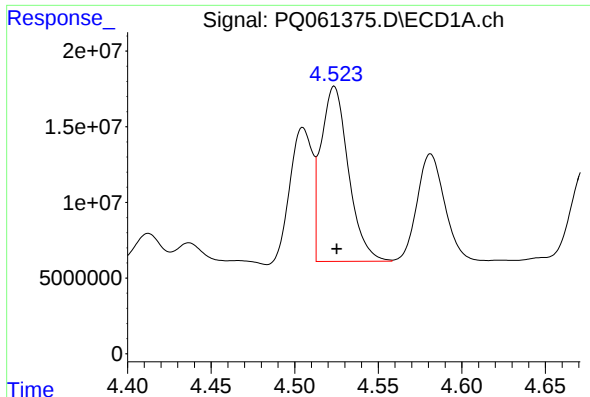
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: -0.001 min
Response: 69160277
Conc: 1258.93 ng/ml



#12 AR-1232-2

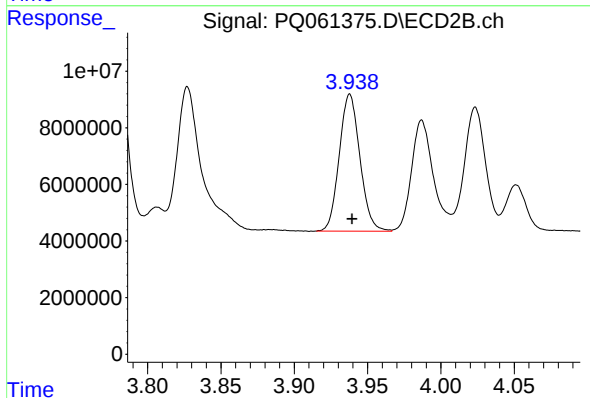
R.T.: 3.778 min
Delta R.T.: -0.002 min
Response: 88592934
Conc: 1285.86 ng/ml



#13 AR-1232-3

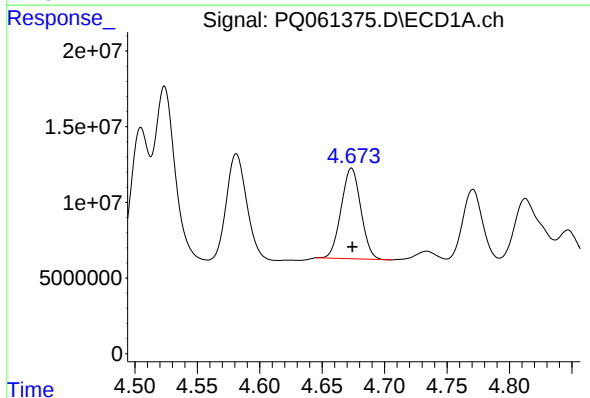
R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 132197521
Conc: 1265.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



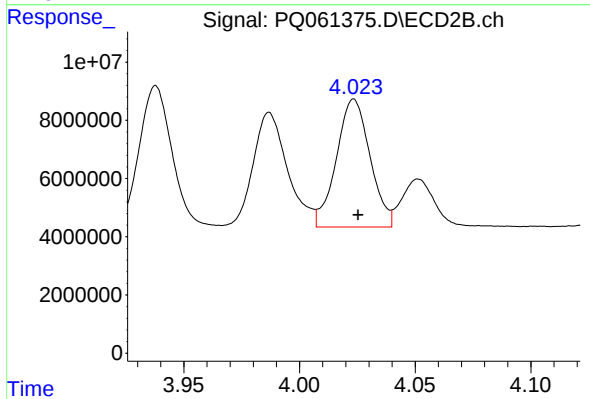
#13 AR-1232-3

R.T.: 3.938 min
Delta R.T.: -0.001 min
Response: 47551341
Conc: 1315.02 ng/ml



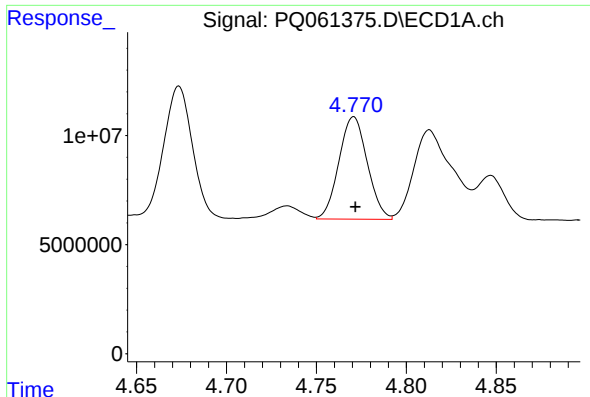
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 65697661
Conc: 1238.23 ng/ml



#14 AR-1232-4

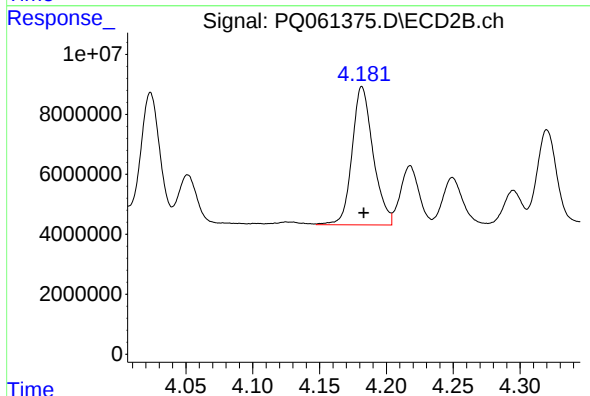
R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 44575393
Conc: 1383.00 ng/ml



#15 AR-1232-5

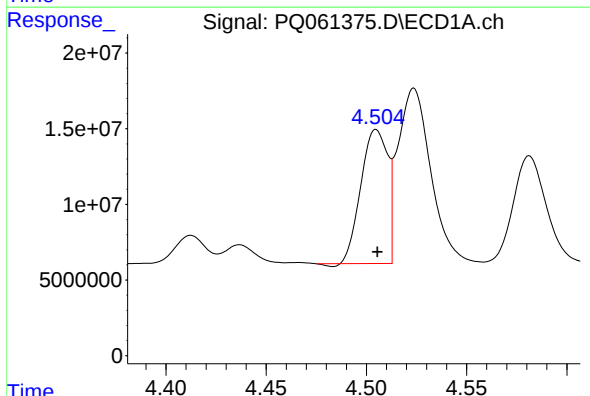
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 51522447
Conc: 1366.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



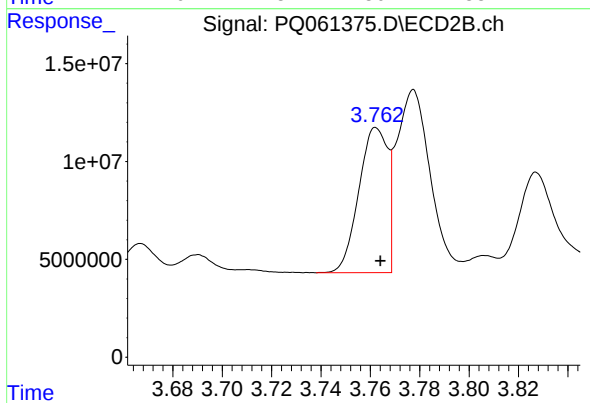
#15 AR-1232-5

R.T.: 4.182 min
Delta R.T.: -0.001 min
Response: 50683513
Conc: 1322.49 ng/ml



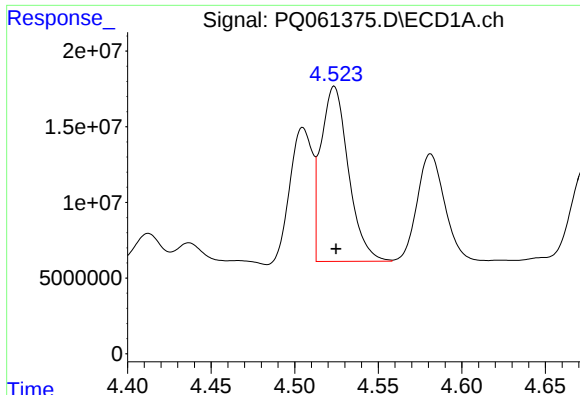
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 81906922
Conc: 721.85 ng/ml



#16 AR-1242-1

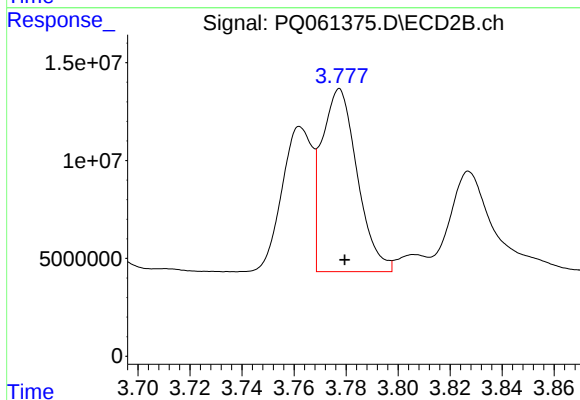
R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 59835418
Conc: 781.25 ng/ml



#17 AR-1242-2

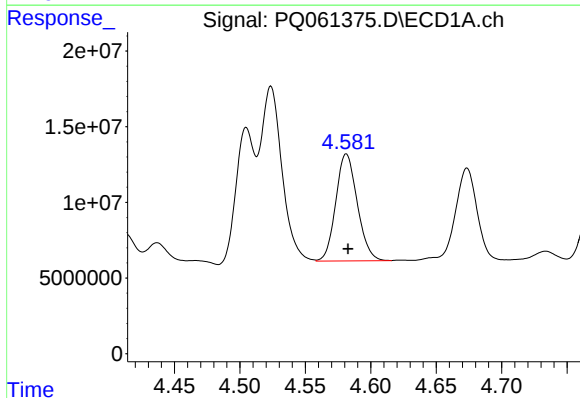
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 132197521
Conc: 778.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



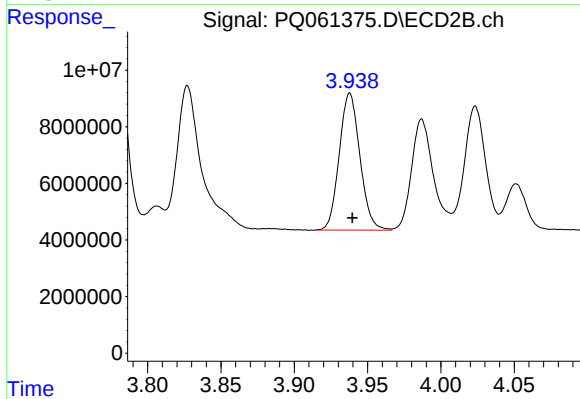
#17 AR-1242-2

R.T.: 3.778 min
Delta R.T.: -0.002 min
Response: 88592934
Conc: 799.40 ng/ml



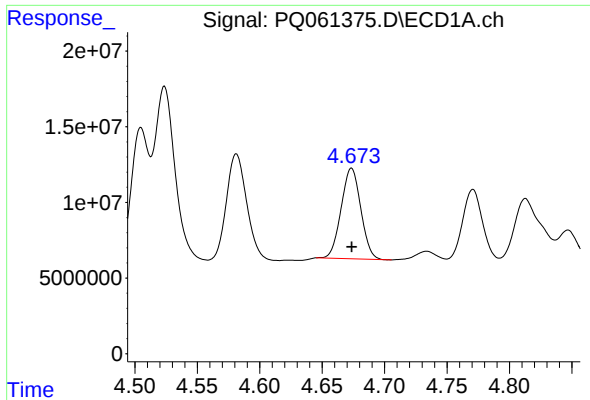
#18 AR-1242-3

R.T.: 4.581 min
Delta R.T.: -0.001 min
Response: 80847297
Conc: 755.72 ng/ml



#18 AR-1242-3

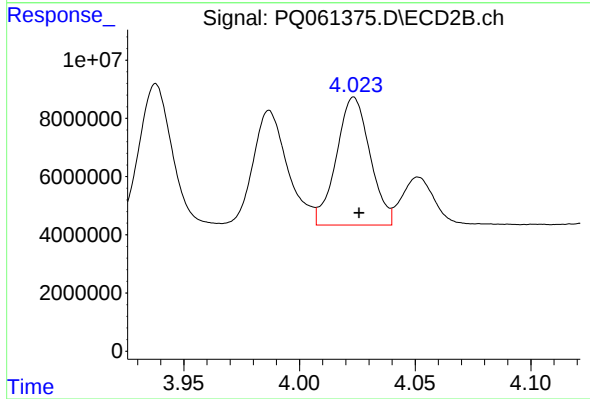
R.T.: 3.938 min
Delta R.T.: -0.002 min
Response: 47551341
Conc: 803.47 ng/ml



#19 AR-1242-4

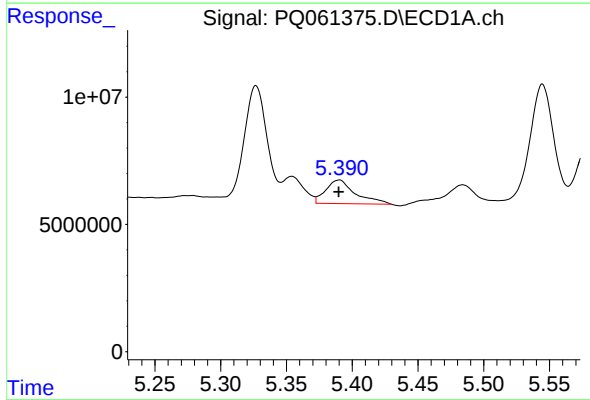
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 65697661
Conc: 756.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



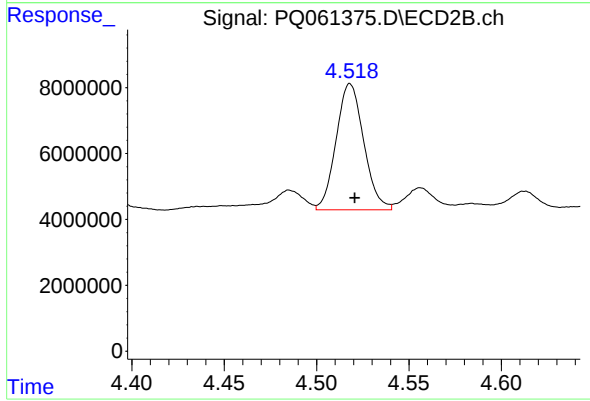
#19 AR-1242-4

R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 44575393
Conc: 744.34 ng/ml



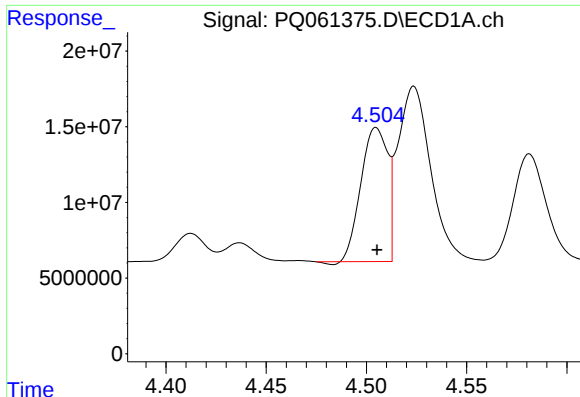
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 14545581
Conc: 164.01 ng/ml



#20 AR-1242-5

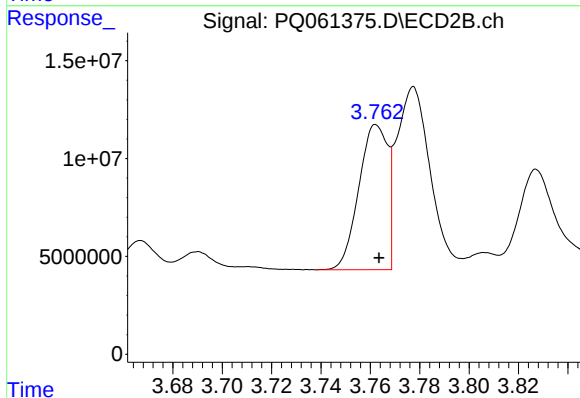
R.T.: 4.518 min
Delta R.T.: -0.003 min
Response: 39827423
Conc: 497.41 ng/ml



#21 AR-1248-1

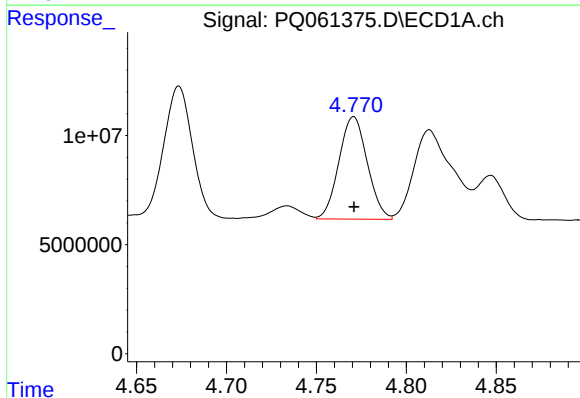
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 81906922
Conc: 909.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



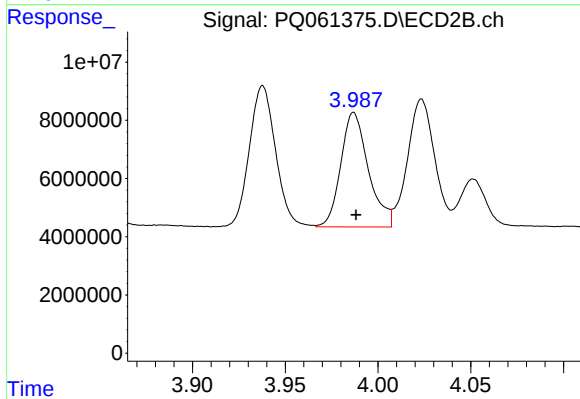
#21 AR-1248-1

R.T.: 3.762 min
Delta R.T.: -0.001 min
Response: 59835418
Conc: 961.43 ng/ml



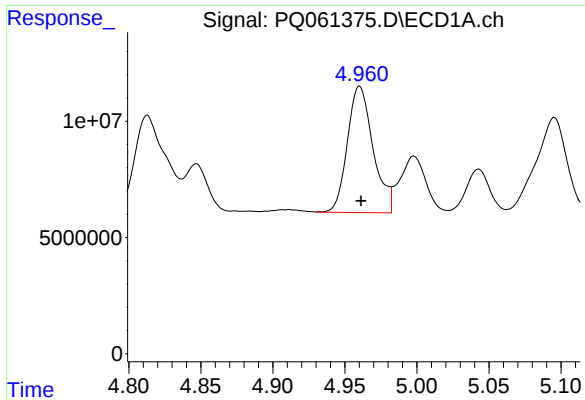
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 51522447
Conc: 405.29 ng/ml



#22 AR-1248-2

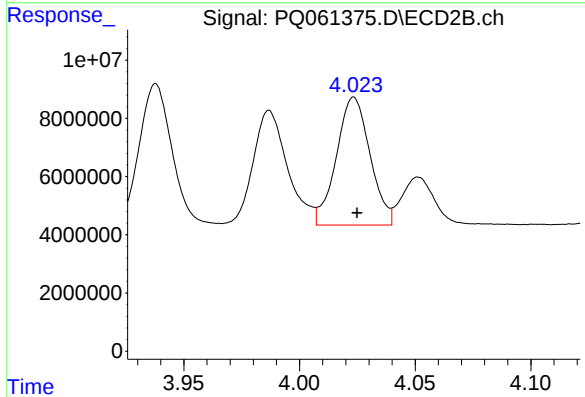
R.T.: 3.987 min
Delta R.T.: -0.001 min
Response: 40737778
Conc: 421.47 ng/ml



#23 AR-1248-3

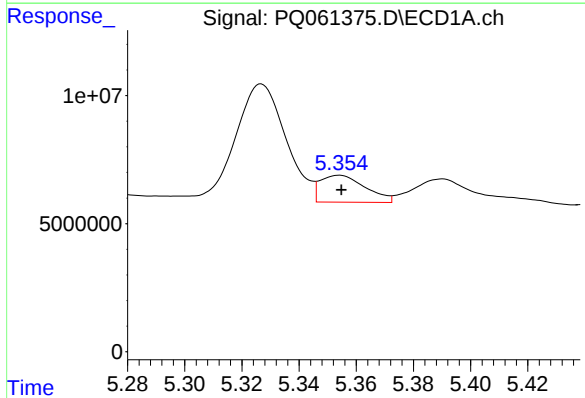
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 67513447
Conc: 438.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



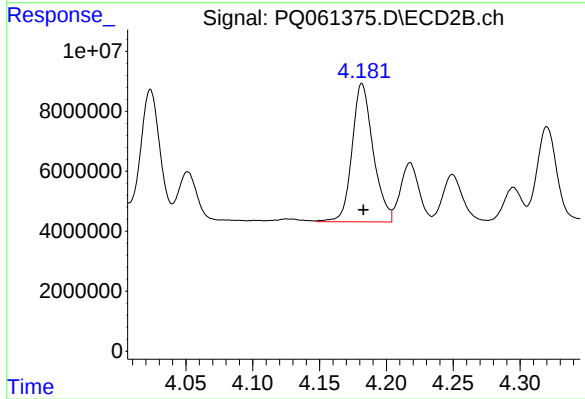
#23 AR-1248-3

R.T.: 4.024 min
Delta R.T.: -0.001 min
Response: 44575393
Conc: 487.63 ng/ml



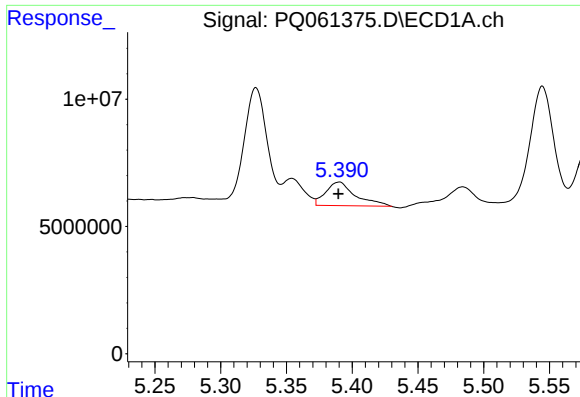
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 11510576
Conc: 67.81 ng/ml



#24 AR-1248-4

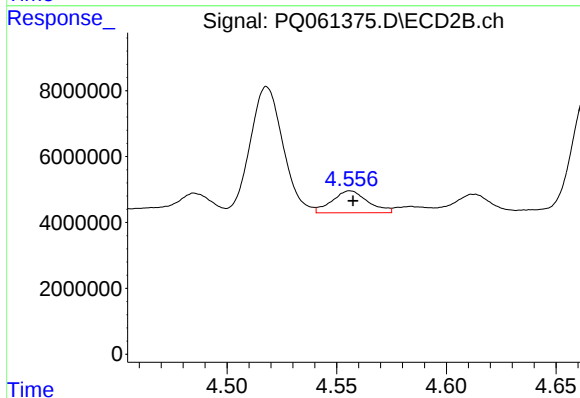
R.T.: 4.182 min
Delta R.T.: -0.001 min
Response: 50683513
Conc: 447.61 ng/ml



#25 AR-1248-5

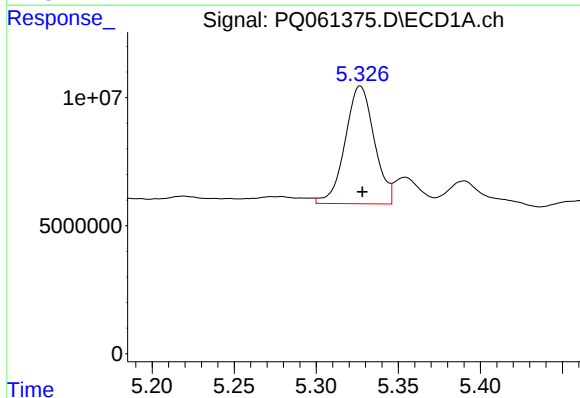
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 14545581
Conc: 88.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



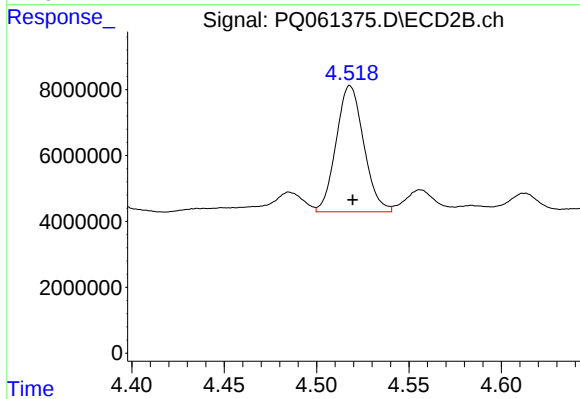
#25 AR-1248-5

R.T.: 4.556 min
Delta R.T.: -0.001 min
Response: 7556145
Conc: 68.61 ng/ml



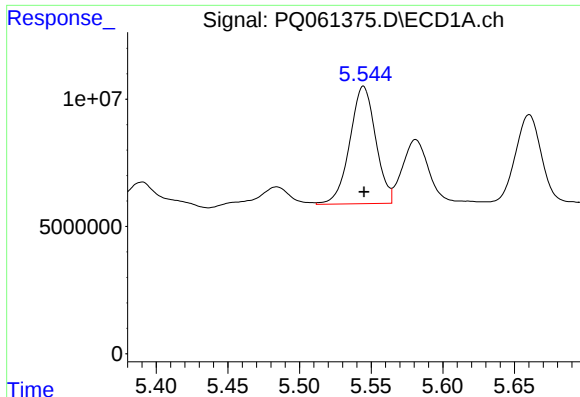
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.001 min
Response: 56898007
Conc: 333.12 ng/ml



#26 AR-1254-1

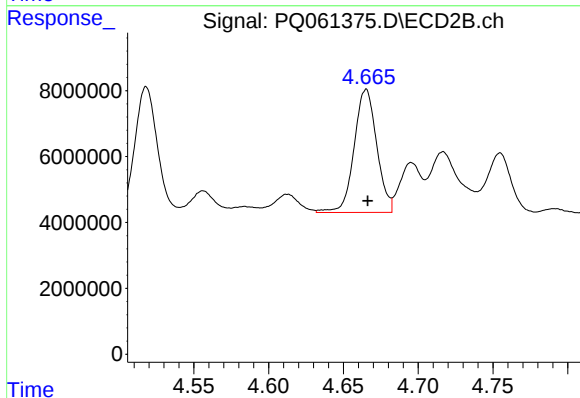
R.T.: 4.518 min
Delta R.T.: -0.001 min
Response: 39827423
Conc: 242.19 ng/ml



#27 AR-1254-2

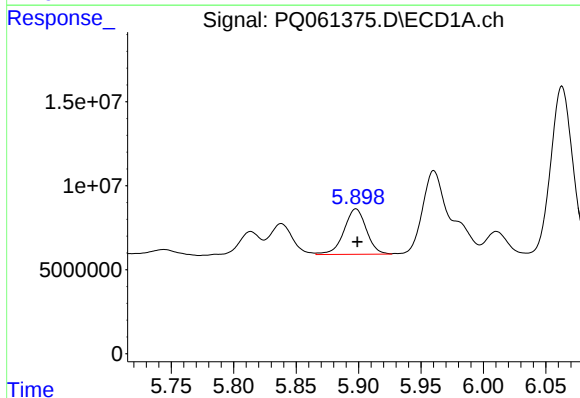
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 58074929
Conc: 217.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



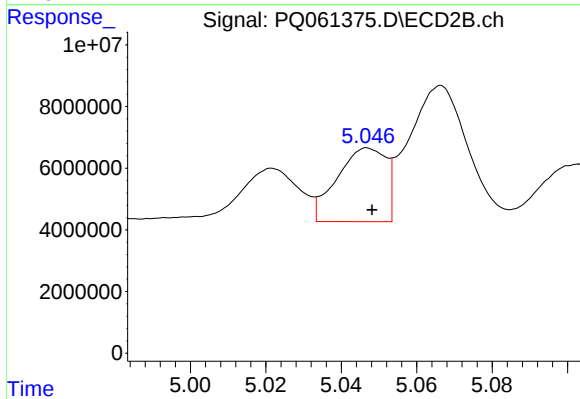
#27 AR-1254-2

R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 39399346
Conc: 261.95 ng/ml



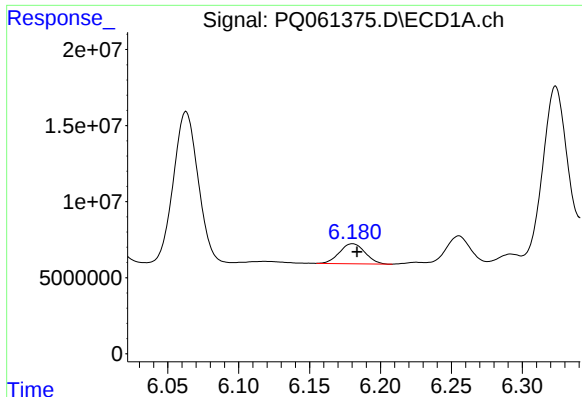
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: -0.001 min
Response: 33884494
Conc: 121.26 ng/ml



#28 AR-1254-3

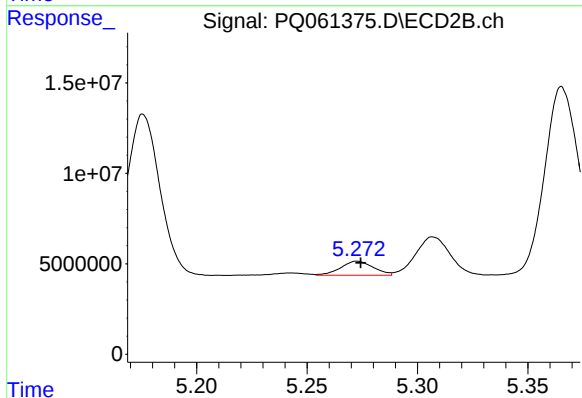
R.T.: 5.047 min
Delta R.T.: -0.001 min
Response: 21510139
Conc: 92.44 ng/ml



#29 AR-1254-4

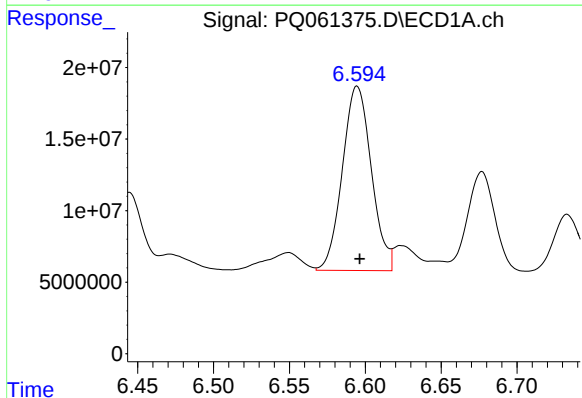
R.T.: 6.180 min
Delta R.T.: -0.003 min
Response: 16454740
Conc: 80.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



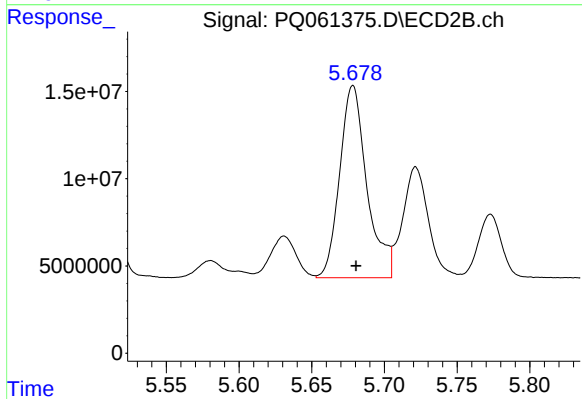
#29 AR-1254-4

R.T.: 5.273 min
Delta R.T.: -0.002 min
Response: 7980682
Conc: 55.55 ng/ml



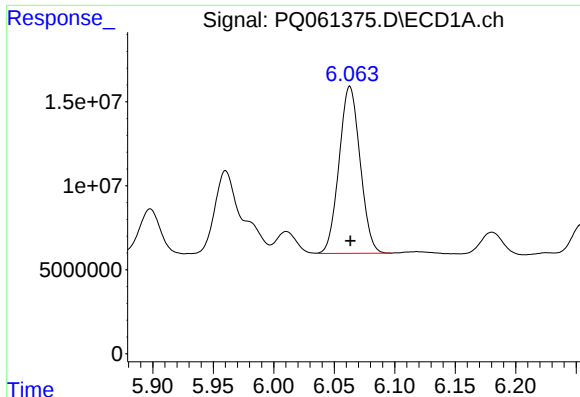
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: -0.002 min
Response: 171289623
Conc: 726.16 ng/ml



#30 AR-1254-5

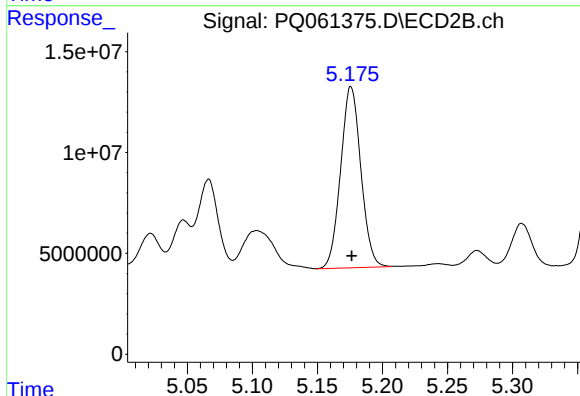
R.T.: 5.678 min
Delta R.T.: -0.002 min
Response: 143431978
Conc: 628.78 ng/ml



#31 AR-1260-1

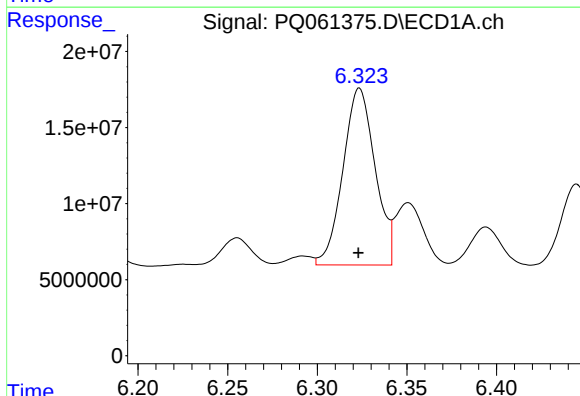
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 120246274
Conc: 541.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



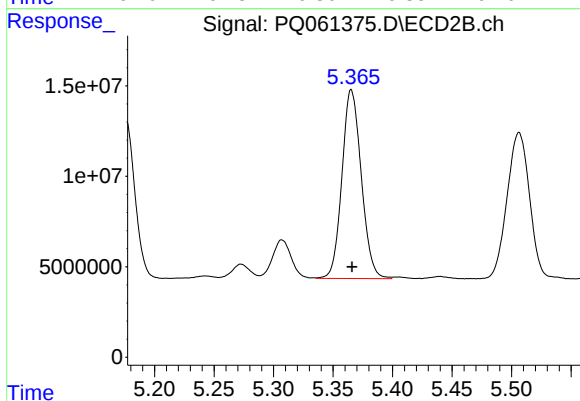
#31 AR-1260-1

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 97168118
Conc: 564.90 ng/ml



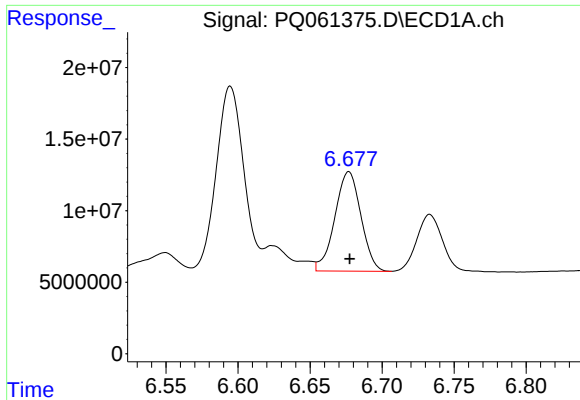
#32 AR-1260-2

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 145106355
Conc: 545.42 ng/ml



#32 AR-1260-2

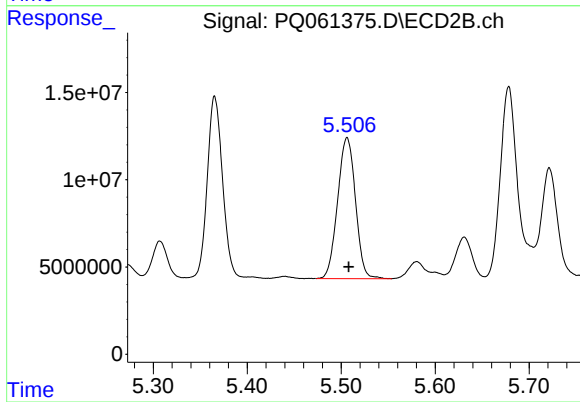
R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 118062505
Conc: 569.71 ng/ml



#33 AR-1260-3

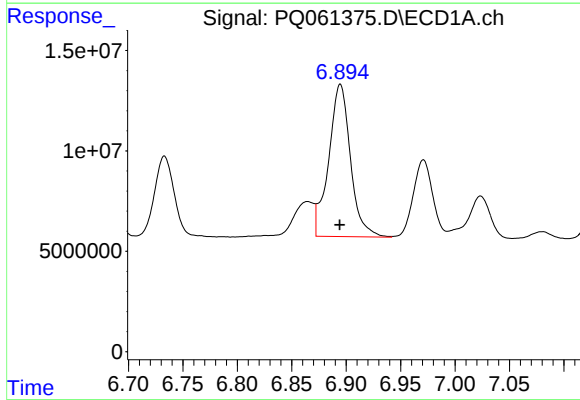
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 87742272
Conc: 521.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



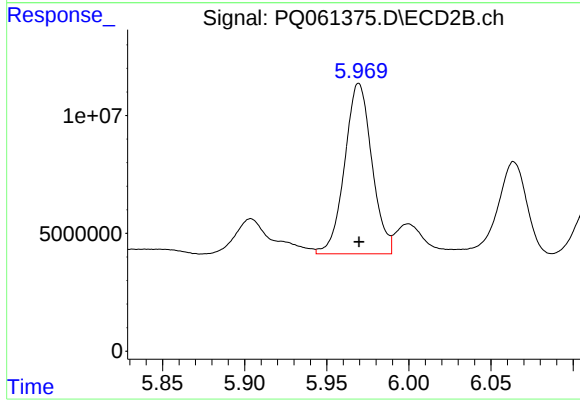
#33 AR-1260-3

R.T.: 5.506 min
Delta R.T.: -0.001 min
Response: 106764510
Conc: 537.55 ng/ml



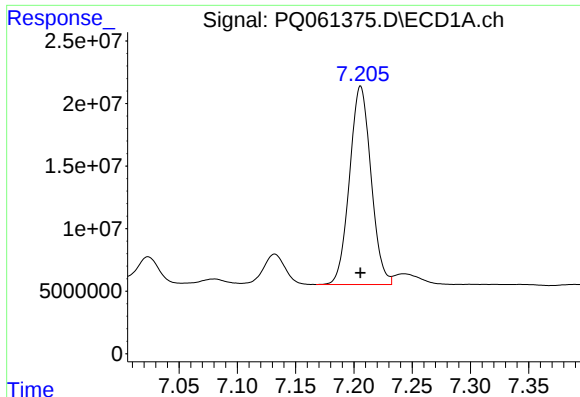
#34 AR-1260-4

R.T.: 6.895 min
Delta R.T.: 0.000 min
Response: 105585115
Conc: 526.10 ng/ml



#34 AR-1260-4

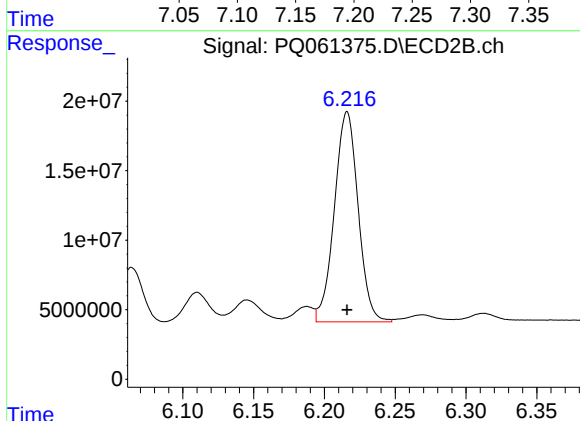
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 83683963
Conc: 568.87 ng/ml



#35 AR-1260-5

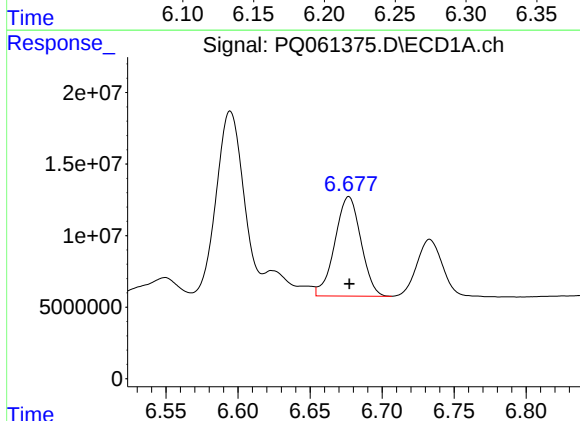
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 203310136
Conc: 534.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



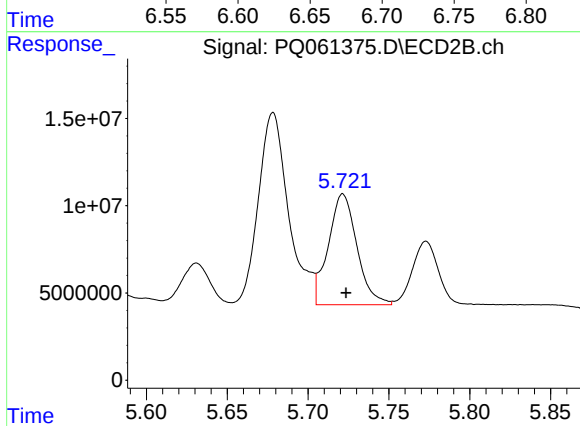
#35 AR-1260-5

R.T.: 6.216 min
Delta R.T.: 0.000 min
Response: 176636691
Conc: 543.98 ng/ml



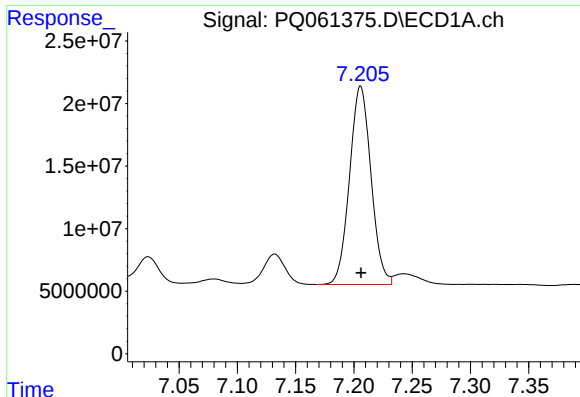
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 87742272
Conc: 293.06 ng/ml



#36 AR-1262-1

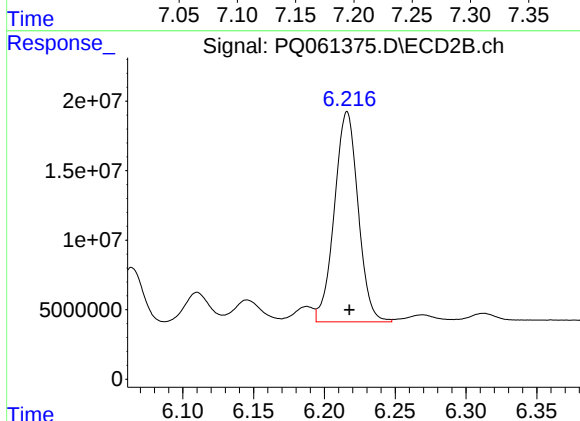
R.T.: 5.722 min
Delta R.T.: -0.002 min
Response: 78470272
Conc: 323.79 ng/ml



#37 AR-1262-2

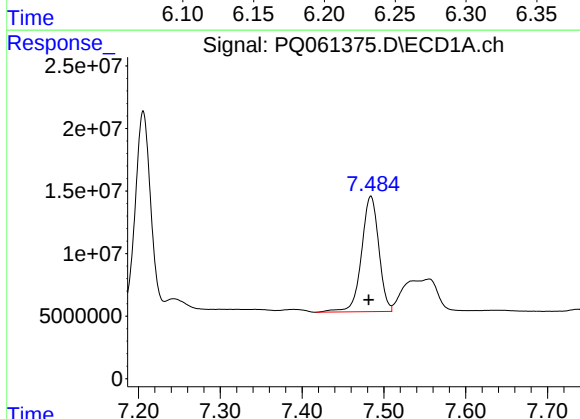
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 203310136
Conc: 403.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



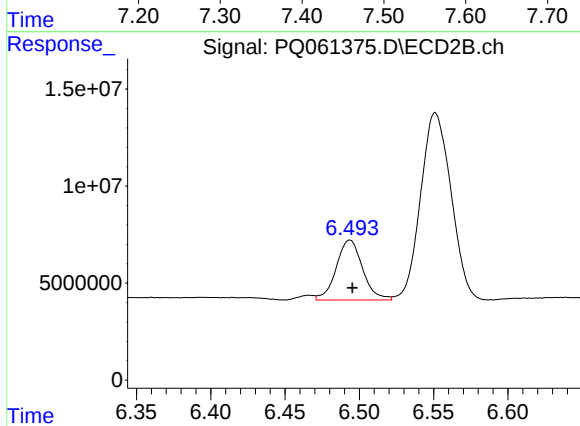
#37 AR-1262-2

R.T.: 6.216 min
Delta R.T.: -0.002 min
Response: 176636691
Conc: 404.16 ng/ml



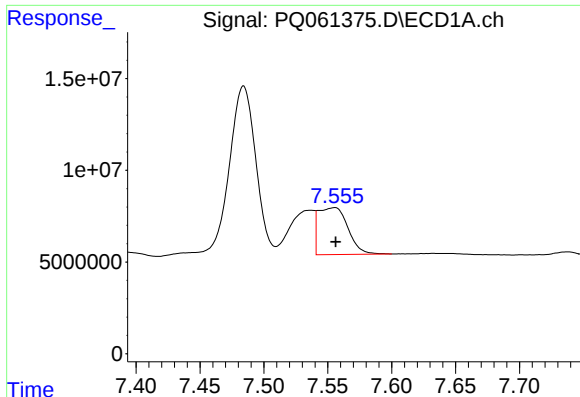
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.003 min
Response: 135511676
Conc: 400.98 ng/ml



#38 AR-1262-3

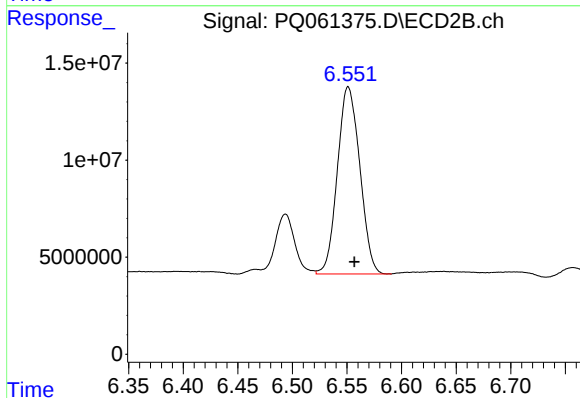
R.T.: 6.494 min
Delta R.T.: -0.002 min
Response: 38226997
Conc: 212.12 ng/ml



#39 AR-1262-4

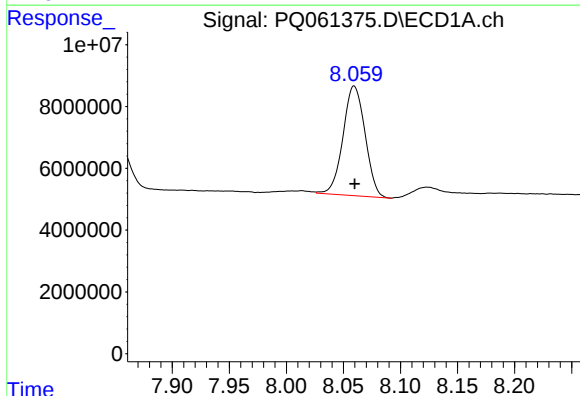
R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 41134443
Conc: 160.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



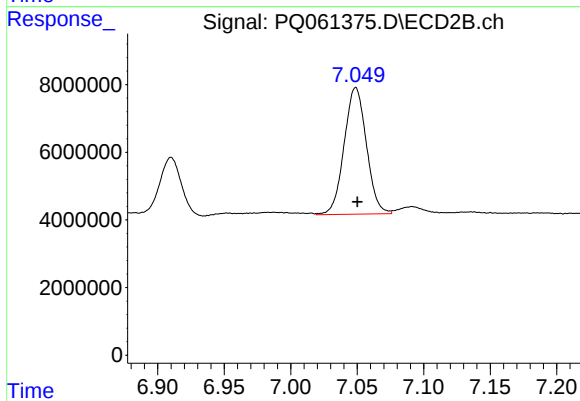
#39 AR-1262-4

R.T.: 6.551 min
Delta R.T.: -0.006 min
Response: 137876841
Conc: 415.76 ng/ml



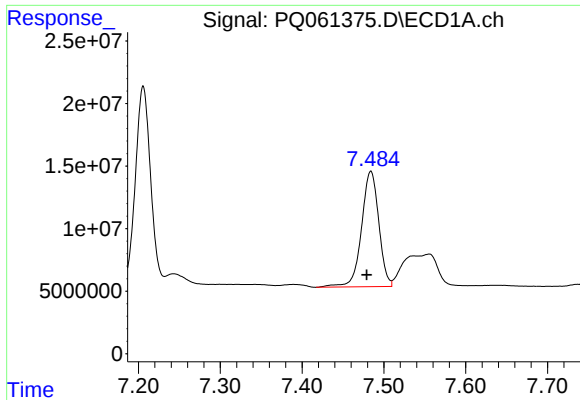
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 47743786
Conc: 280.34 ng/ml



#40 AR-1262-5

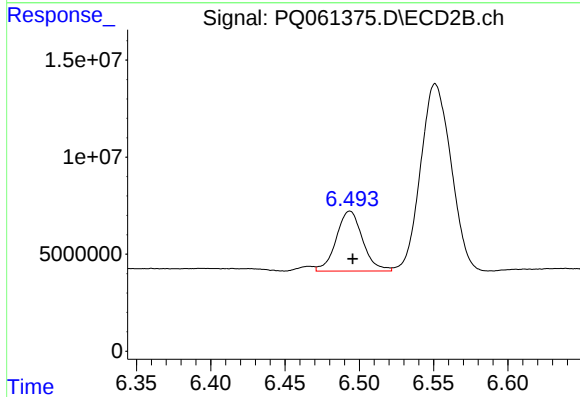
R.T.: 7.049 min
Delta R.T.: -0.001 min
Response: 43721211
Conc: 272.54 ng/ml



#41 AR-1268-1

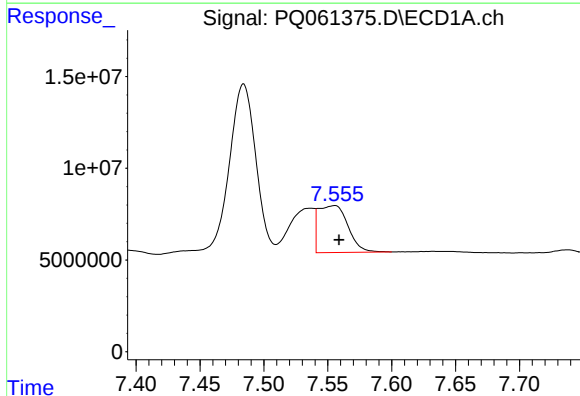
R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 135511676
Conc: 246.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



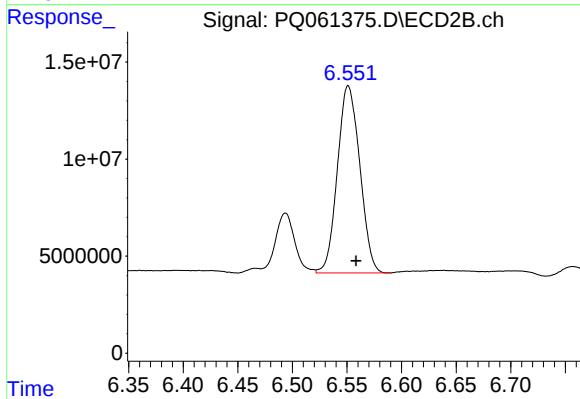
#41 AR-1268-1

R.T.: 6.494 min
Delta R.T.: -0.002 min
Response: 38226997
Conc: 77.81 ng/ml



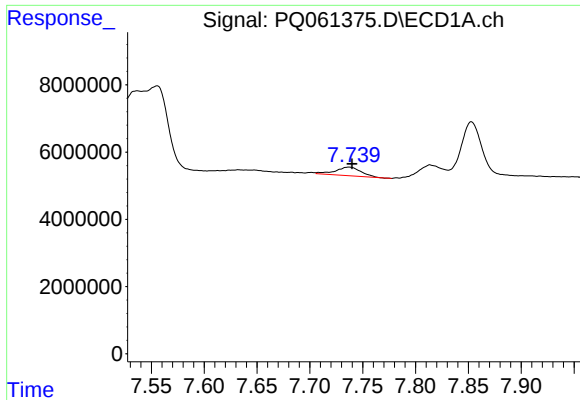
#42 AR-1268-2

R.T.: 7.555 min
Delta R.T.: -0.003 min
Response: 41134443
Conc: 83.48 ng/ml



#42 AR-1268-2

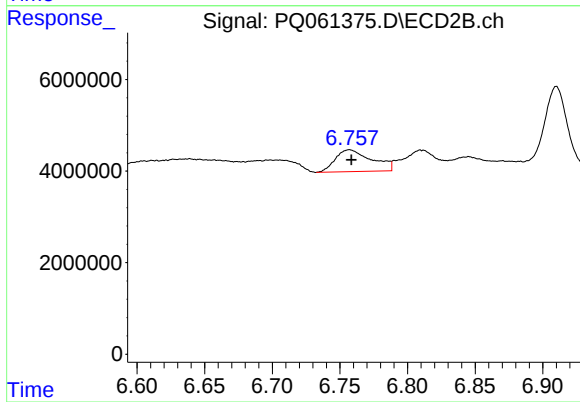
R.T.: 6.551 min
Delta R.T.: -0.007 min
Response: 137876841
Conc: 309.91 ng/ml



#43 AR-1268-3

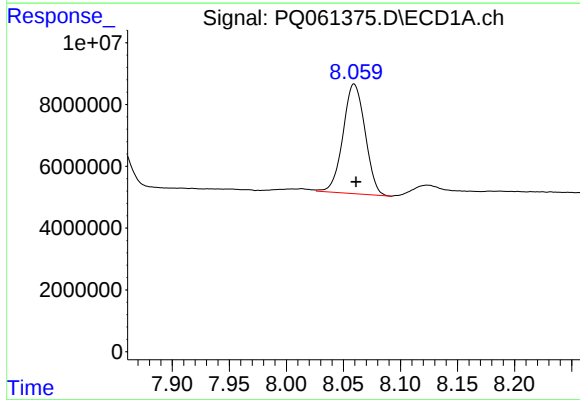
R.T.: 7.737 min
Delta R.T.: -0.002 min
Response: 4272929
Conc: 10.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



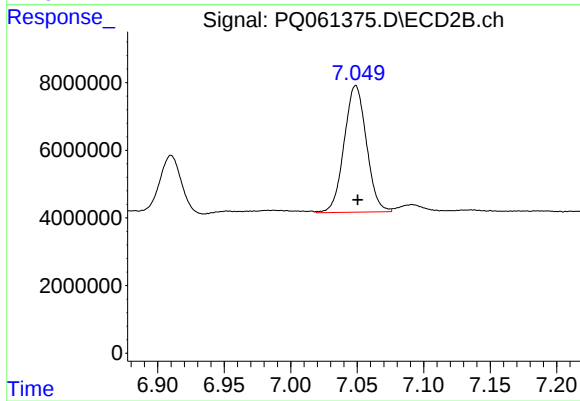
#43 AR-1268-3

R.T.: 6.757 min
Delta R.T.: -0.001 min
Response: 8983934
Conc: 22.95 ng/ml



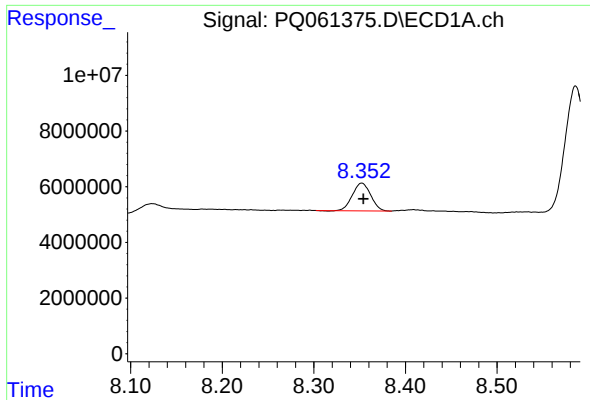
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: -0.002 min
Response: 47743786
Conc: 269.73 ng/ml



#44 AR-1268-4

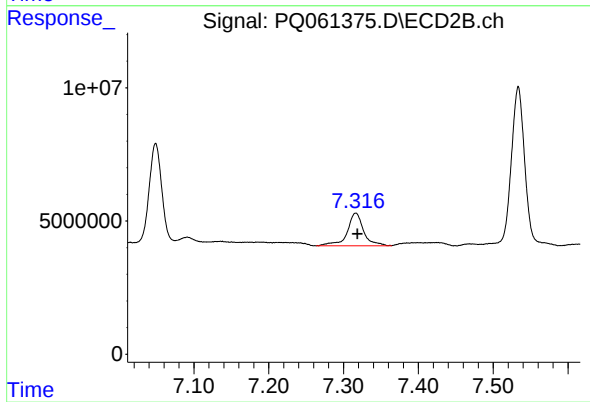
R.T.: 7.049 min
Delta R.T.: -0.002 min
Response: 43721211
Conc: 260.43 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: -0.002 min
Response: 13841028
Conc: 11.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.316 min
Delta R.T.: -0.002 min
Response: 18783045
Conc: 15.15 ng/ml