

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121923\
 Data File : PQ064577.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2023 09:11
 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: Dec 19 12:59:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 09 05:18:21 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...	3.458	2.773	217.0E6	235.4E6	52.303	56.075
2)	SA Decachlor...	8.699	7.571	154.0E6	207.0E6	52.548	51.278
Target Compounds							
3)	L1 AR-1016-1	4.574	3.782	66835371	67516751	524.581	555.511
4)	L1 AR-1016-2	4.594	3.798	101.0E6	102.0E6	526.436	556.426
5)	L1 AR-1016-3	4.653	3.959	63035701	54583770	531.257	560.947
6)	L1 AR-1016-4	4.745	4.008	49589322	46543373	533.898	557.321
7)	L1 AR-1016-5	5.035	4.204	50632644	55726277	519.700	550.442
8)	L2 AR-1221-1	3.659	2.976	7736928	8805322	152.381	155.497
9)	L2 AR-1221-2	3.742	3.053	10245736	12557269	279.642	298.096
10)	L2 AR-1221-3	3.812	3.122	38452000	45265049	340.024	355.448
11)	L3 AR-1232-1	3.812	3.122	38452000	45265049	445.537	469.926
12)	L3 AR-1232-2	4.313	3.798	54835054	102.0E6	1124.072	1220.170
13)	L3 AR-1232-3	4.594	3.959	101.0E6	54583770	1183.709	1225.986
14)	L3 AR-1232-4	4.745	4.045	49589322	50375316	1203.694	1318.653
15)	L3 AR-1232-5	4.843	4.204	40619046	55726277	1328.479	1309.415
16)	L4 AR-1242-1	4.574	3.782	66835371	67516751	644.884	650.655
17)	L4 AR-1242-2	4.594	3.798	101.0E6	102.0E6	651.318	660.206
18)	L4 AR-1242-3	4.653	3.959	63035701	54583770	650.801	665.573
19)	L4 AR-1242-4	4.745	4.045	49589322	50375316	652.309	645.614
20)	L4 AR-1242-5	5.468	4.542	13489275	52751968	162.492	547.026 #
21)	L5 AR-1248-1	4.574	3.782	66835371	67516751	858.229	834.460
22)	L5 AR-1248-2	4.843	4.008	40619046	46543373	363.973	379.677
23)	L5 AR-1248-3	5.035	4.045	50632644	50375316	380.456	431.702
24)	L5 AR-1248-4	5.433	4.204	16629499	55726277	116.189	397.524 #
25)	L5 AR-1248-5	5.468	4.580	13489275	13228613	96.202	99.411
26)	L6 AR-1254-1	5.405	4.542	43726324	52751968	285.480	251.938
27)	L6 AR-1254-2	5.625	4.690	41378999	37447406	177.205	202.439
28)	L6 AR-1254-3	5.981	5.092	18030841	69266344	73.357	244.835 #
29)	L6 AR-1254-4	6.265	5.301	10721394	5825598	61.705	31.380 #
30)	L6 AR-1254-5	6.682	5.708	125.1E6	138.4E6	648.230	532.975
31)	L7 AR-1260-1	6.147	5.203	96229530	99437915	513.850	514.182
32)	L7 AR-1260-2	6.408	5.393	112.9E6	120.4E6	520.742	517.246
33)	L7 AR-1260-3	6.765	5.536	84206674	114.1E6	516.629	524.741
34)	L7 AR-1260-4	6.984	5.999	94643667	103.3E6	551.702	560.980
35)	L7 AR-1260-5	7.297	6.246	182.8E6	253.6E6	541.068	584.808
36)	L8 AR-1262-1	6.765	5.802	84206674	51029454	342.283	448.003 #
37)	L8 AR-1262-2	7.297	5.999	182.8E6	103.3E6	455.990	405.639
38)	L8 AR-1262-3	7.576	6.527	112.6E6	66484624	416.343	295.235 #
39)	L8 AR-1262-4	7.649	6.584	37549434	214.1E6	177.924	494.725 #
40)	L8 AR-1262-5	8.158	7.084	46583712	79439516	341.783	302.615
41)	L9 AR-1268-1	7.576	6.527	112.6E6	66484624	235.442	100.996 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121923\
 Data File : PQ064577.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2023 09:11
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

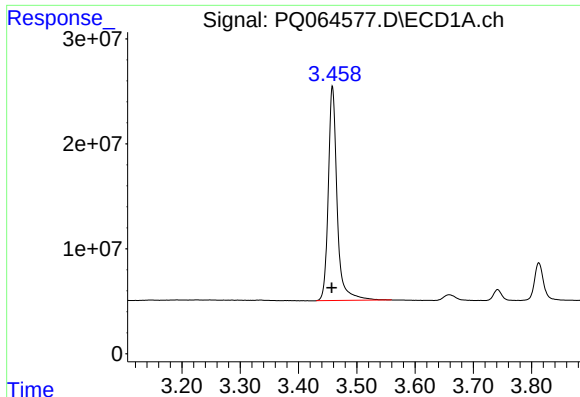
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 12:59:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 09 05:18:21 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	7.649	6.584	37549434	214.1E6	86.347	344.878 #
43) L9	AR-1268-3	7.832	6.791	3120095	5081243	8.256	7.938
44) L9	AR-1268-4	8.158	7.084	46583712	79439516	304.339	263.974
45) L9	AR-1268-5	8.461	7.354	11904594	21685259	10.946	11.479

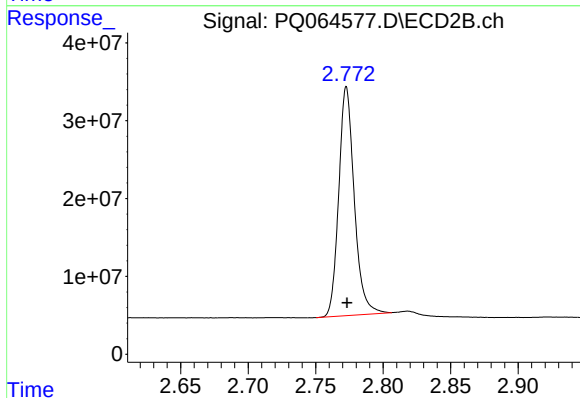
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

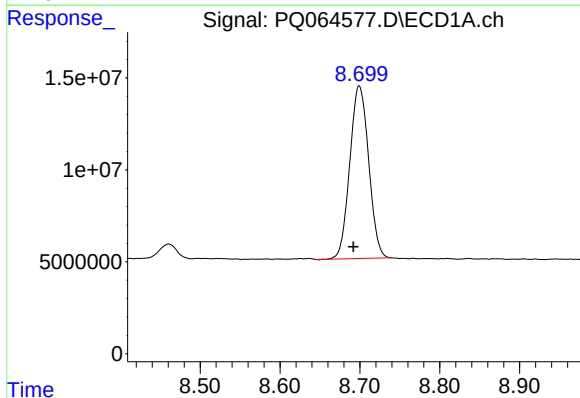
R.T.: 3.458 min
Delta R.T.: 0.001 min
Response: 216986312
Conc: 52.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



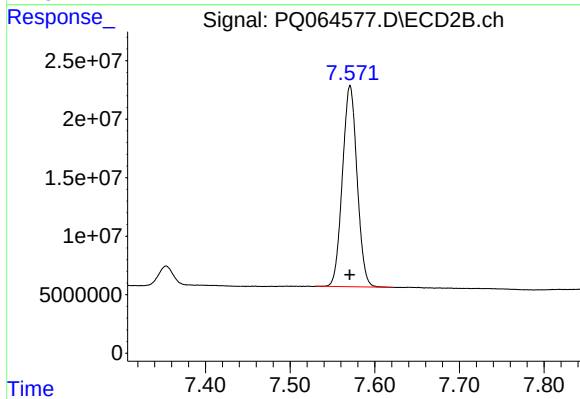
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.000 min
Response: 235426599
Conc: 56.08 ng/ml



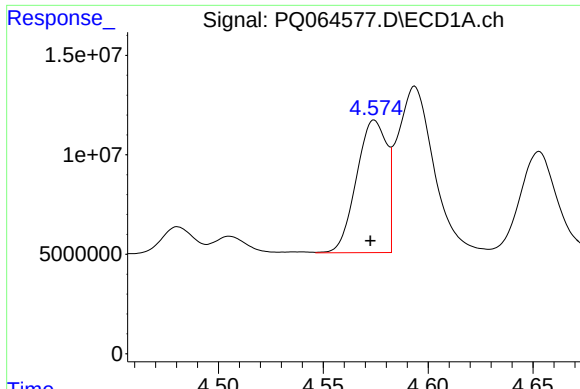
#2 Decachlorobiphenyl

R.T.: 8.699 min
Delta R.T.: 0.007 min
Response: 154042307
Conc: 52.55 ng/ml



#2 Decachlorobiphenyl

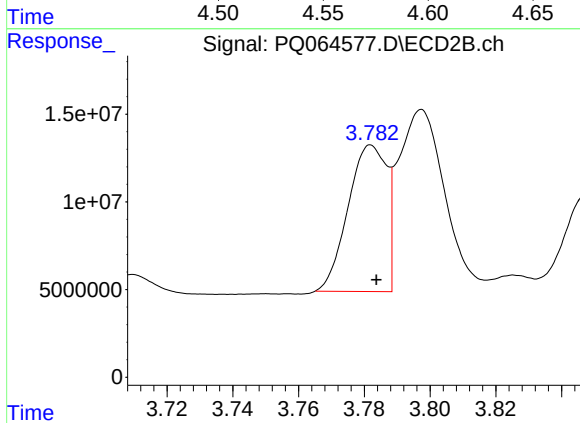
R.T.: 7.571 min
Delta R.T.: 0.000 min
Response: 206966995
Conc: 51.28 ng/ml



#3 AR-1016-1

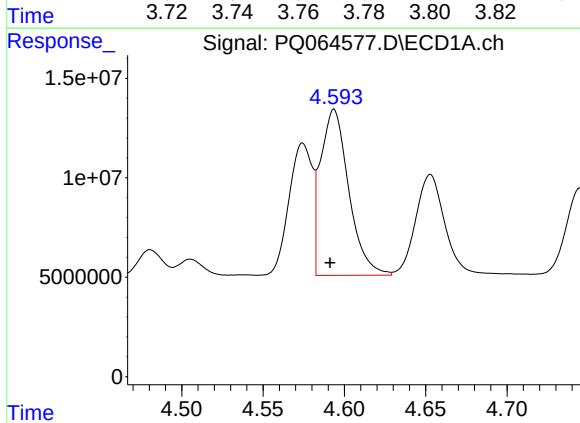
R.T.: 4.574 min
Delta R.T.: 0.002 min
Response: 66835371
Conc: 524.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



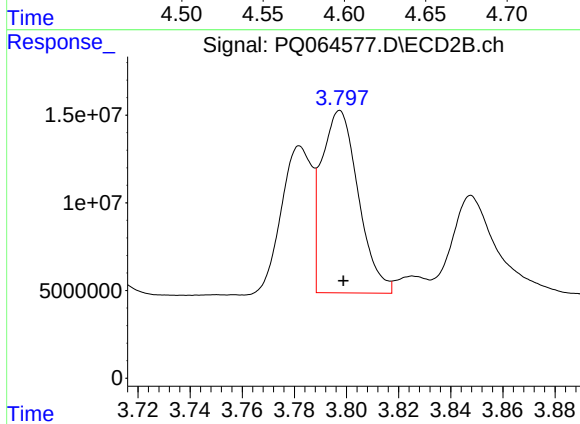
#3 AR-1016-1

R.T.: 3.782 min
Delta R.T.: -0.002 min
Response: 67516751
Conc: 555.51 ng/ml



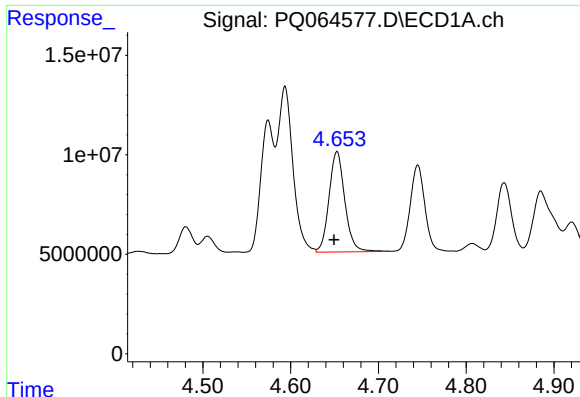
#4 AR-1016-2

R.T.: 4.594 min
Delta R.T.: 0.002 min
Response: 101044375
Conc: 526.44 ng/ml



#4 AR-1016-2

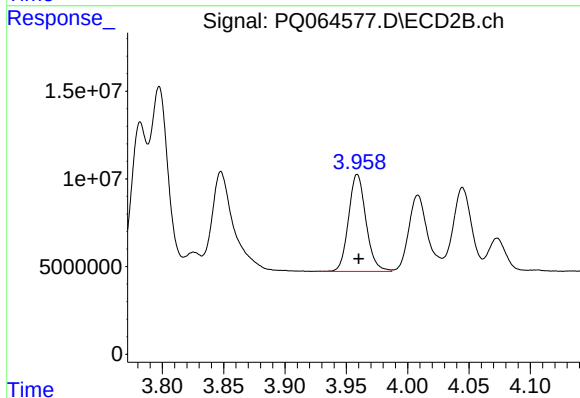
R.T.: 3.798 min
Delta R.T.: -0.001 min
Response: 101995874
Conc: 556.43 ng/ml



#5 AR-1016-3

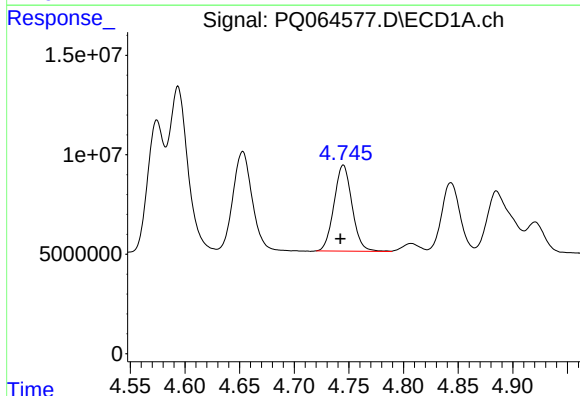
R.T.: 4.653 min
Delta R.T.: 0.003 min
Response: 63035701
Conc: 531.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



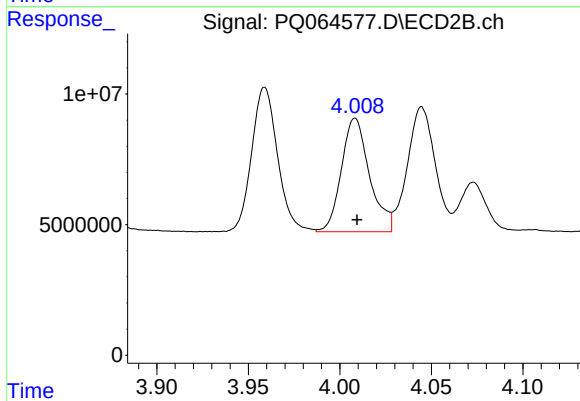
#5 AR-1016-3

R.T.: 3.959 min
Delta R.T.: -0.001 min
Response: 54583770
Conc: 560.95 ng/ml



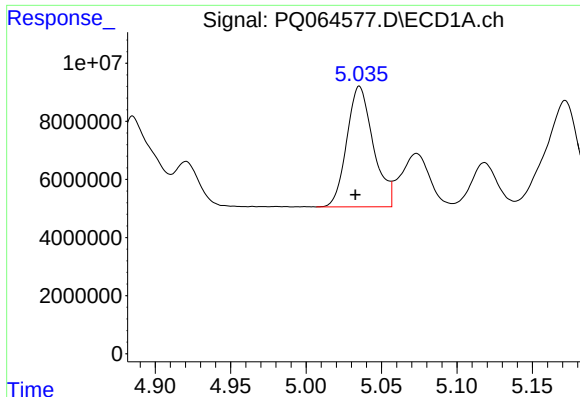
#6 AR-1016-4

R.T.: 4.745 min
Delta R.T.: 0.003 min
Response: 49589322
Conc: 533.90 ng/ml



#6 AR-1016-4

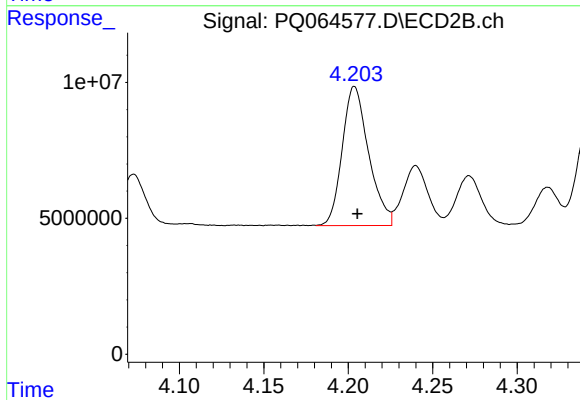
R.T.: 4.008 min
Delta R.T.: -0.001 min
Response: 46543373
Conc: 557.32 ng/ml



#7 AR-1016-5

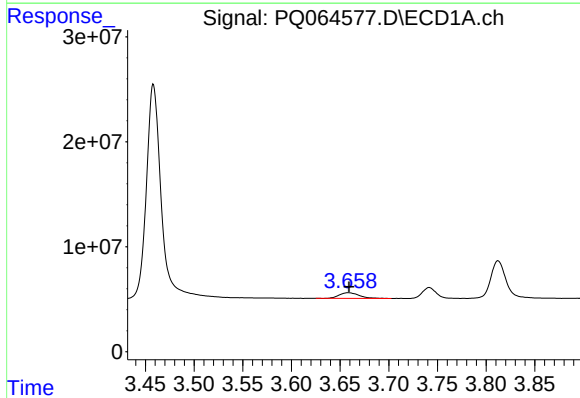
R.T.: 5.035 min
Delta R.T.: 0.003 min
Response: 50632644
Conc: 519.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



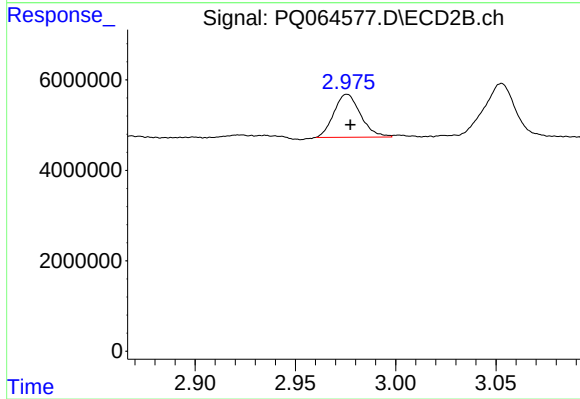
#7 AR-1016-5

R.T.: 4.204 min
Delta R.T.: -0.002 min
Response: 55726277
Conc: 550.44 ng/ml



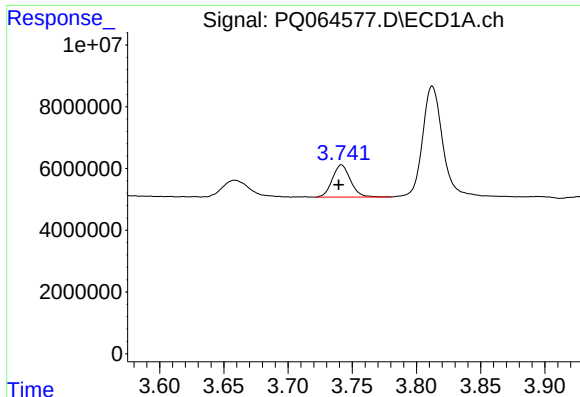
#8 AR-1221-1

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 7736928
Conc: 152.38 ng/ml



#8 AR-1221-1

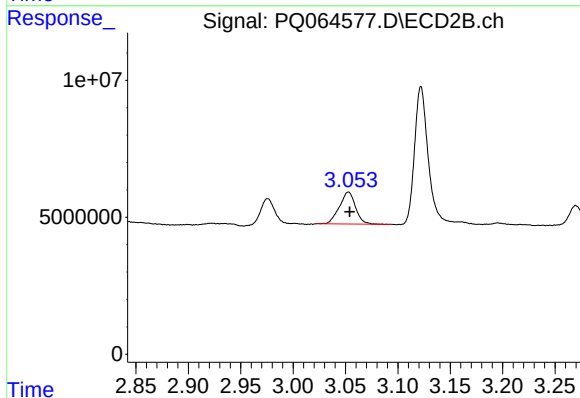
R.T.: 2.976 min
Delta R.T.: -0.002 min
Response: 8805322
Conc: 155.50 ng/ml



#9 AR-1221-2

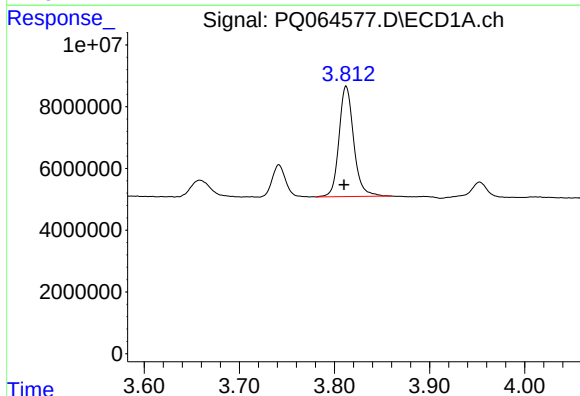
R.T.: 3.742 min
Delta R.T.: 0.002 min
Response: 10245736
Conc: 279.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



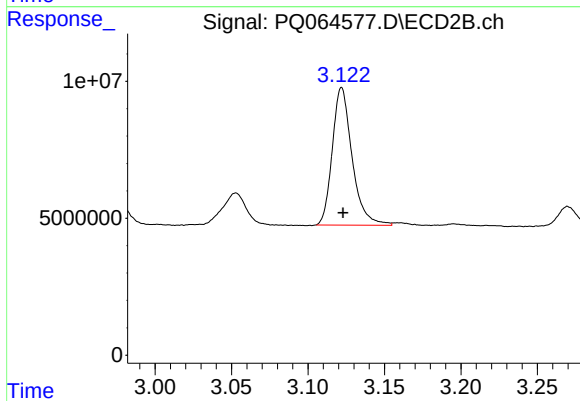
#9 AR-1221-2

R.T.: 3.053 min
Delta R.T.: -0.001 min
Response: 12557269
Conc: 298.10 ng/ml



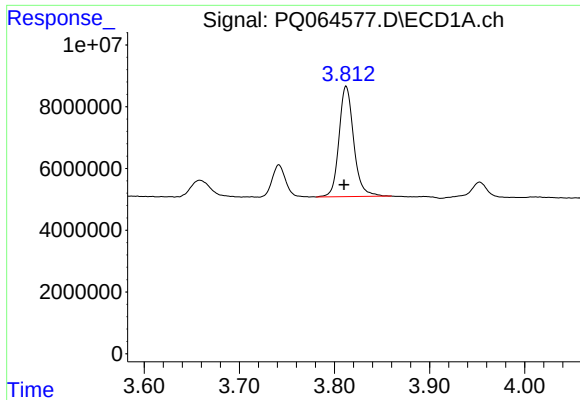
#10 AR-1221-3

R.T.: 3.812 min
Delta R.T.: 0.002 min
Response: 38452000
Conc: 340.02 ng/ml



#10 AR-1221-3

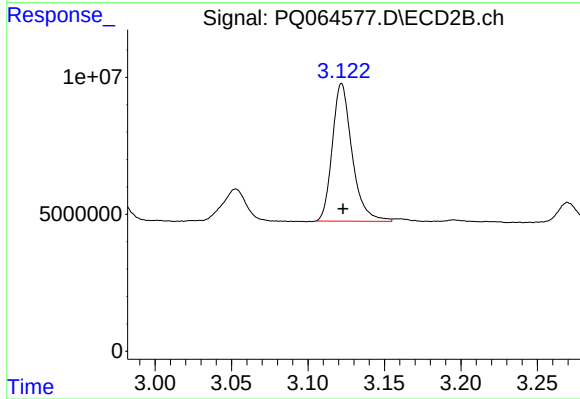
R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 45265049
Conc: 355.45 ng/ml



#11 AR-1232-1

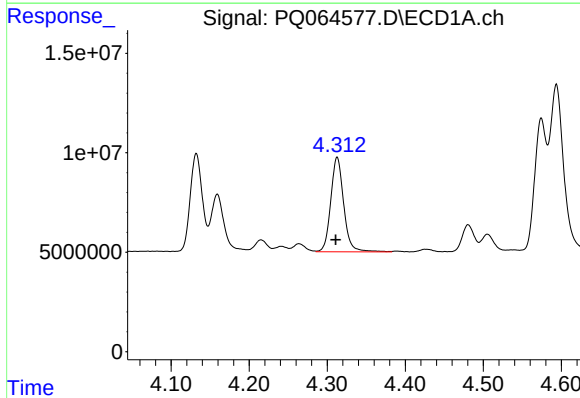
R.T.: 3.812 min
Delta R.T.: 0.002 min
Response: 38452000
Conc: 445.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



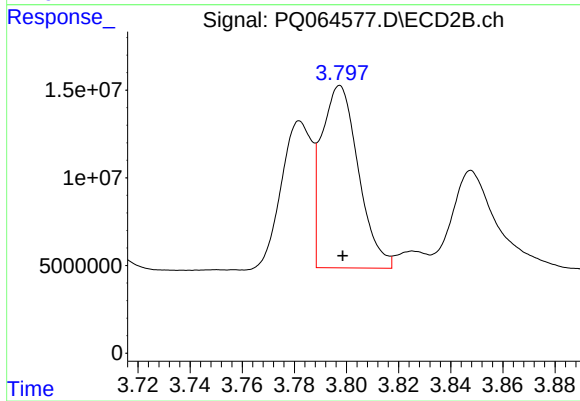
#11 AR-1232-1

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 45265049
Conc: 469.93 ng/ml



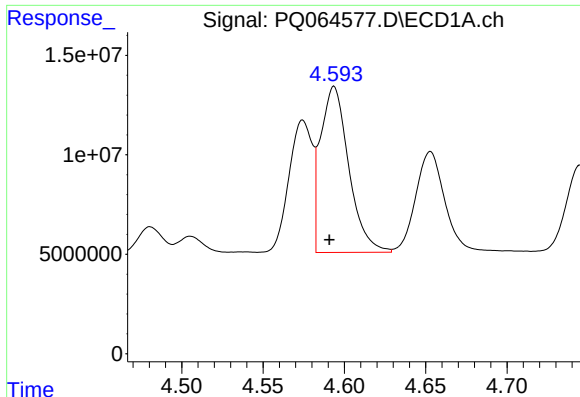
#12 AR-1232-2

R.T.: 4.313 min
Delta R.T.: 0.002 min
Response: 54835054
Conc: 1124.07 ng/ml



#12 AR-1232-2

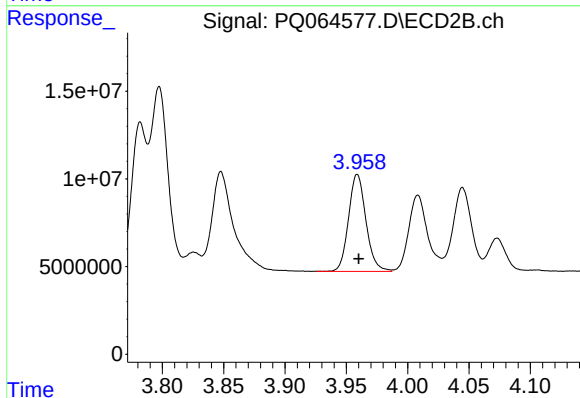
R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 101995874
Conc: 1220.17 ng/ml



#13 AR-1232-3

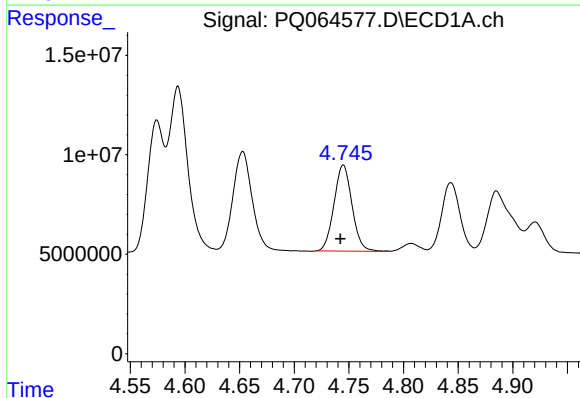
R.T.: 4.594 min
Delta R.T.: 0.003 min
Response: 101044375
Conc: 1183.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



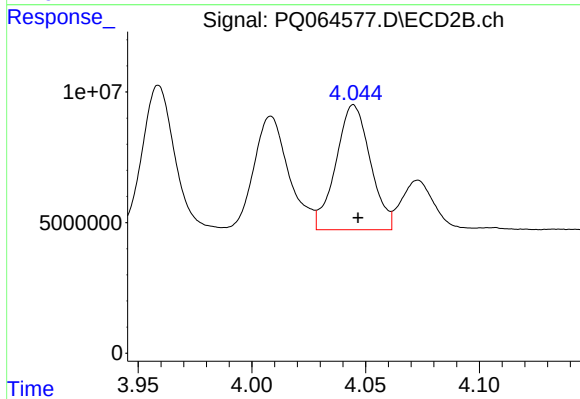
#13 AR-1232-3

R.T.: 3.959 min
Delta R.T.: -0.001 min
Response: 54583770
Conc: 1225.99 ng/ml



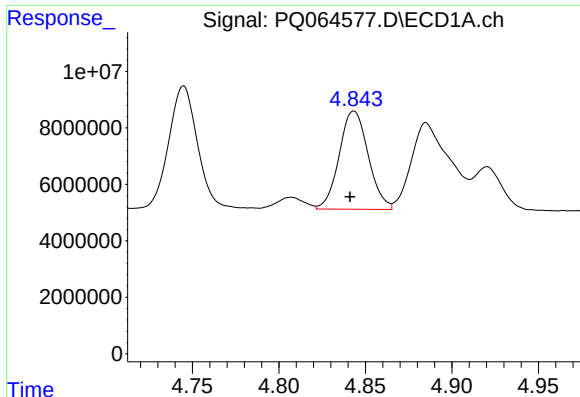
#14 AR-1232-4

R.T.: 4.745 min
Delta R.T.: 0.003 min
Response: 49589322
Conc: 1203.69 ng/ml



#14 AR-1232-4

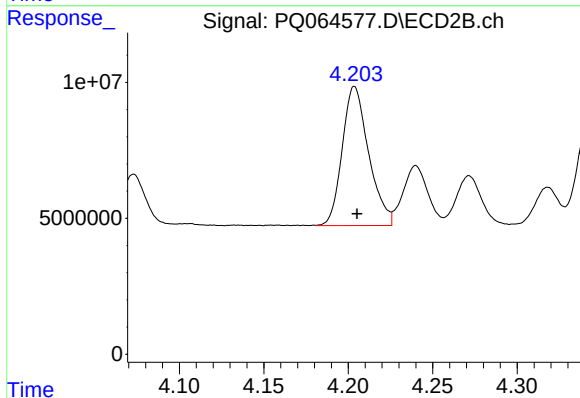
R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 50375316
Conc: 1318.65 ng/ml



#15 AR-1232-5

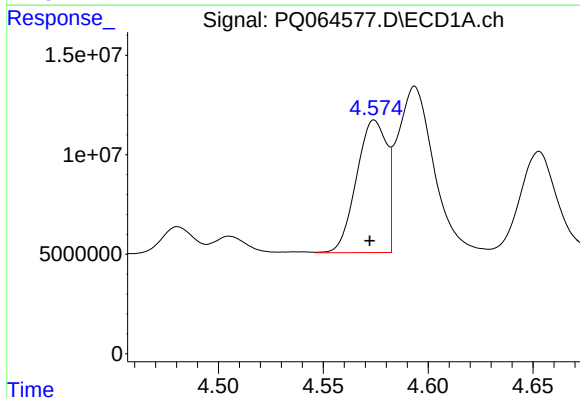
R.T.: 4.843 min
Delta R.T.: 0.002 min
Response: 40619046
Conc: 1328.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



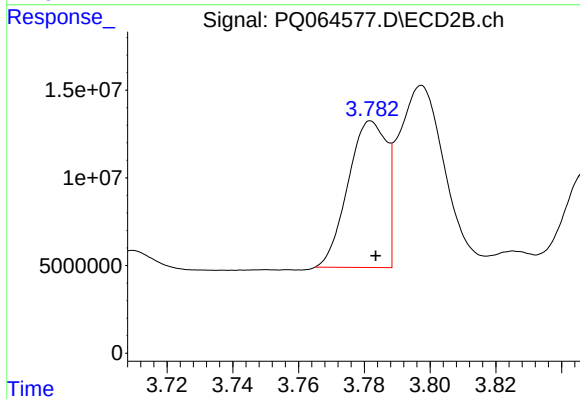
#15 AR-1232-5

R.T.: 4.204 min
Delta R.T.: -0.001 min
Response: 55726277
Conc: 1309.42 ng/ml



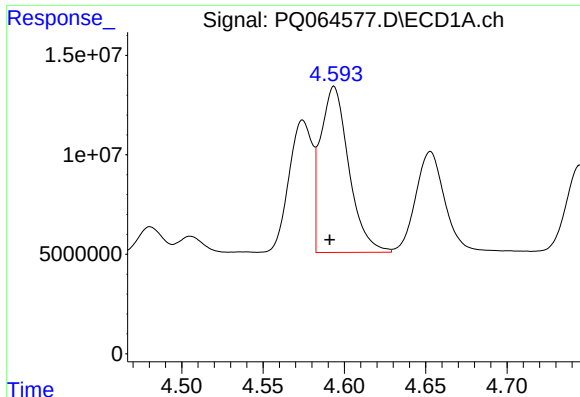
#16 AR-1242-1

R.T.: 4.574 min
Delta R.T.: 0.002 min
Response: 66835371
Conc: 644.88 ng/ml



#16 AR-1242-1

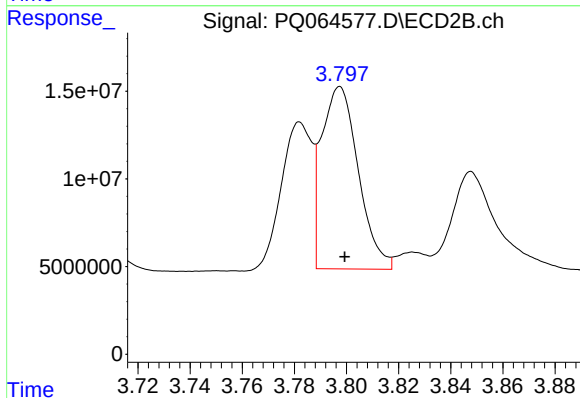
R.T.: 3.782 min
Delta R.T.: -0.001 min
Response: 67516751
Conc: 650.65 ng/ml



#17 AR-1242-2

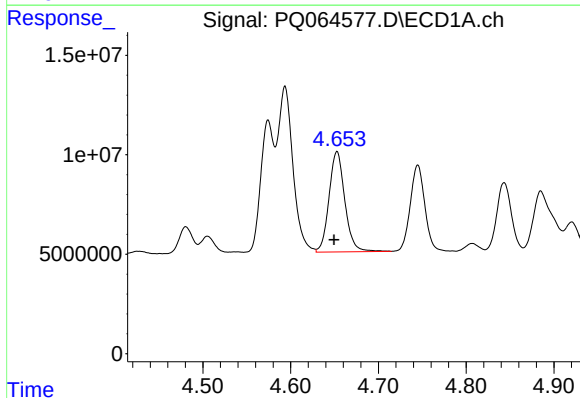
R.T.: 4.594 min
Delta R.T.: 0.003 min
Response: 101044375
Conc: 651.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



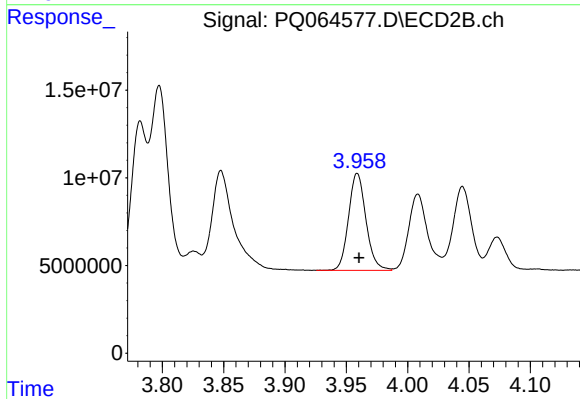
#17 AR-1242-2

R.T.: 3.798 min
Delta R.T.: -0.002 min
Response: 101995874
Conc: 660.21 ng/ml



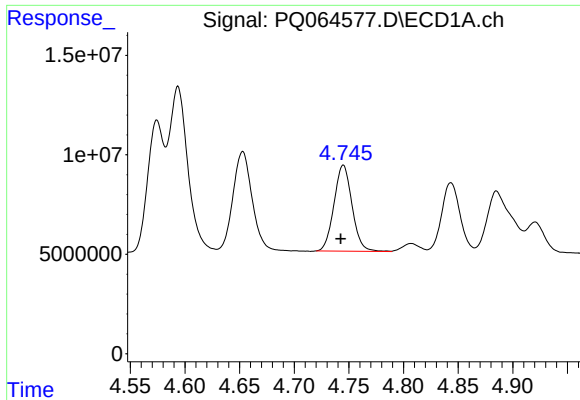
#18 AR-1242-3

R.T.: 4.653 min
Delta R.T.: 0.003 min
Response: 63035701
Conc: 650.80 ng/ml



#18 AR-1242-3

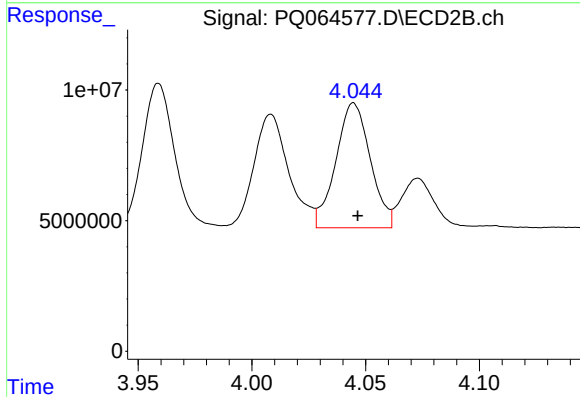
R.T.: 3.959 min
Delta R.T.: -0.001 min
Response: 54583770
Conc: 665.57 ng/ml



#19 AR-1242-4

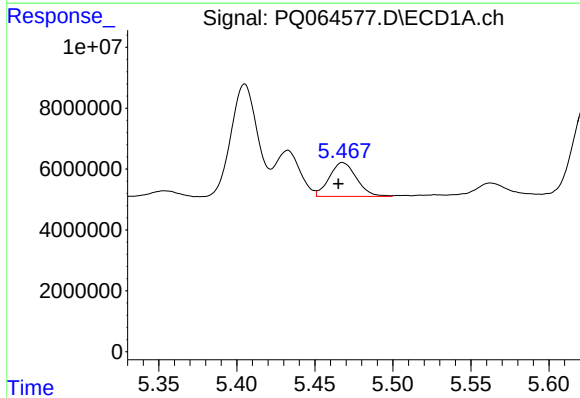
R.T.: 4.745 min
Delta R.T.: 0.002 min
Response: 49589322
Conc: 652.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



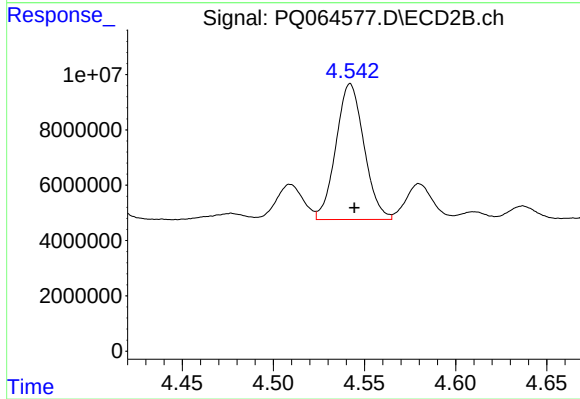
#19 AR-1242-4

R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 50375316
Conc: 645.61 ng/ml



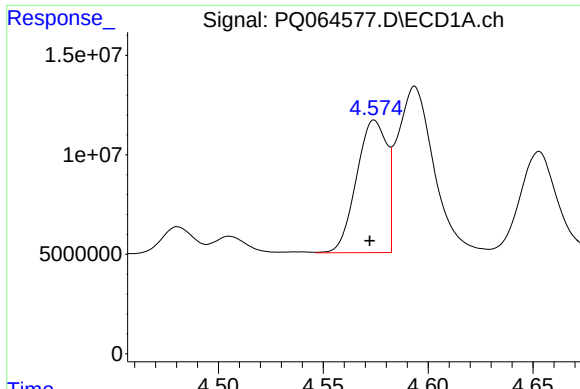
#20 AR-1242-5

R.T.: 5.468 min
Delta R.T.: 0.003 min
Response: 13489275
Conc: 162.49 ng/ml



#20 AR-1242-5

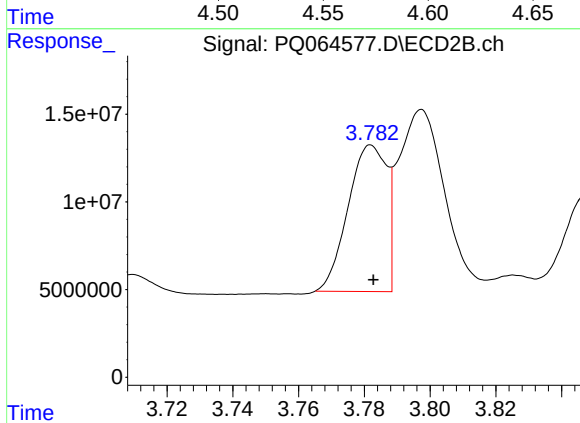
R.T.: 4.542 min
Delta R.T.: -0.002 min
Response: 52751968
Conc: 547.03 ng/ml



#21 AR-1248-1

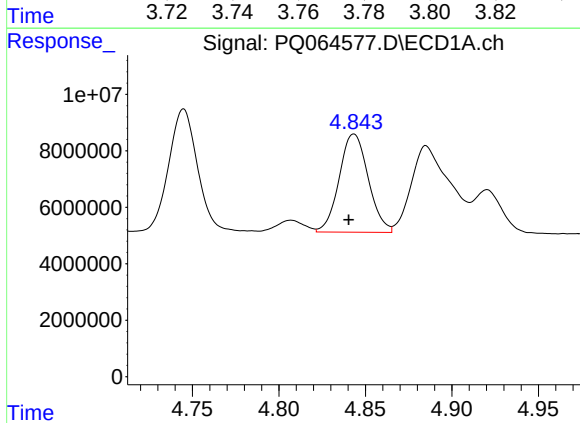
R.T.: 4.574 min
Delta R.T.: 0.002 min
Response: 66835371
Conc: 858.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



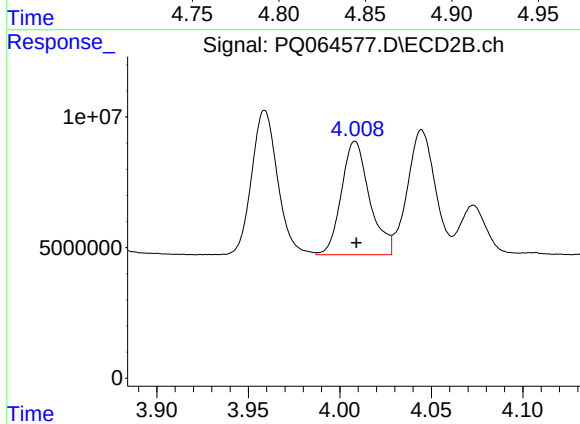
#21 AR-1248-1

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 67516751
Conc: 834.46 ng/ml



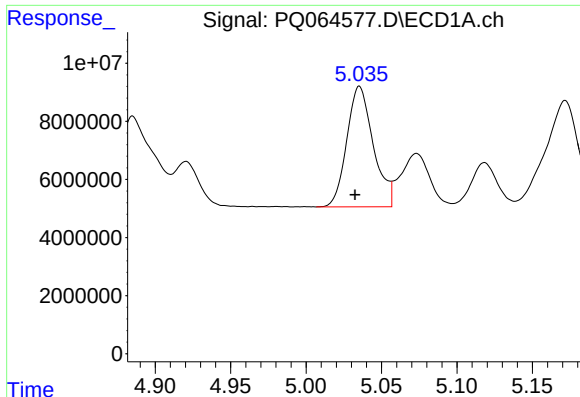
#22 AR-1248-2

R.T.: 4.843 min
Delta R.T.: 0.003 min
Response: 40619046
Conc: 363.97 ng/ml



#22 AR-1248-2

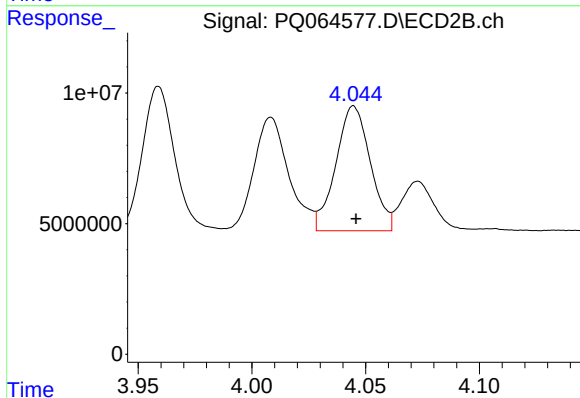
R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 46543373
Conc: 379.68 ng/ml



#23 AR-1248-3

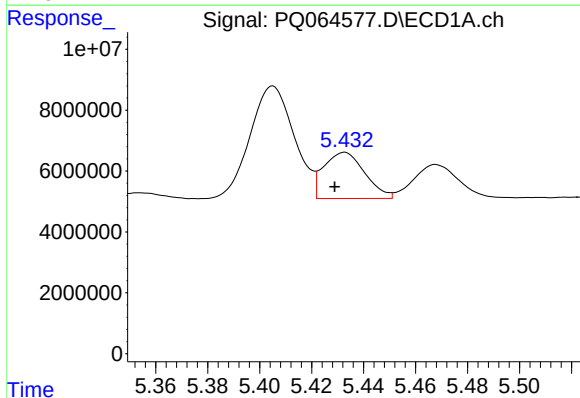
R.T.: 5.035 min
Delta R.T.: 0.003 min
Response: 50632644
Conc: 380.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



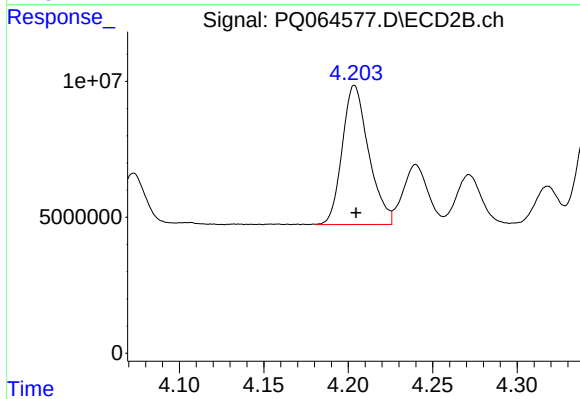
#23 AR-1248-3

R.T.: 4.045 min
Delta R.T.: -0.001 min
Response: 50375316
Conc: 431.70 ng/ml



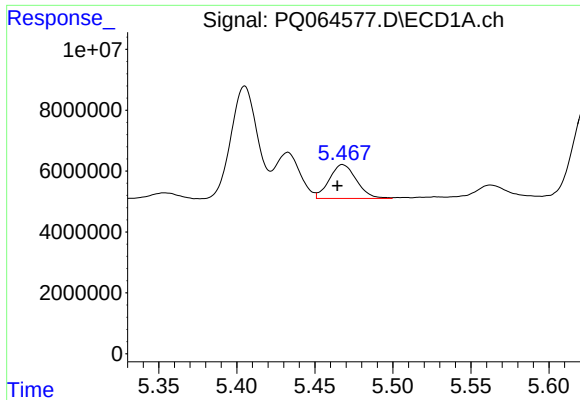
#24 AR-1248-4

R.T.: 5.433 min
Delta R.T.: 0.004 min
Response: 16629499
Conc: 116.19 ng/ml



#24 AR-1248-4

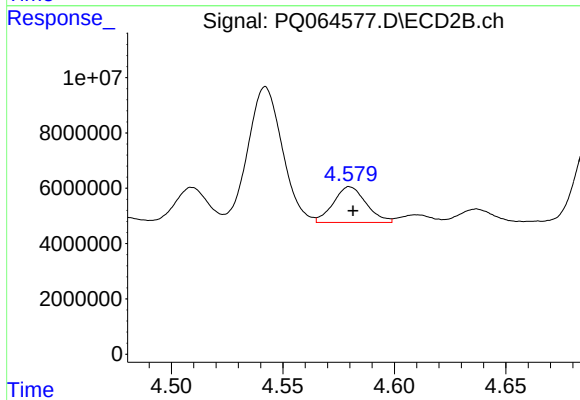
R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 55726277
Conc: 397.52 ng/ml



#25 AR-1248-5

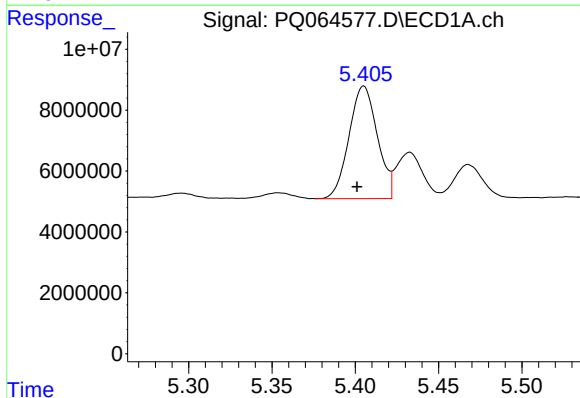
R.T.: 5.468 min
Delta R.T.: 0.003 min
Response: 13489275
Conc: 96.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



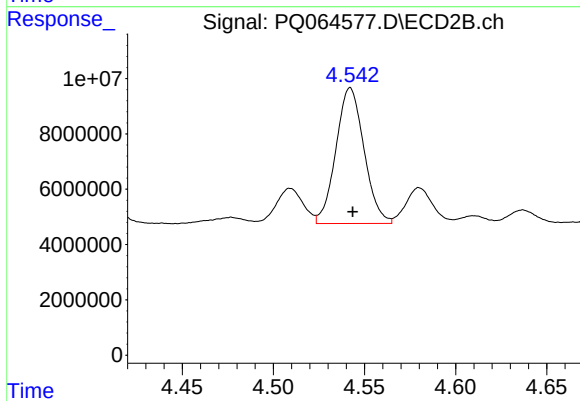
#25 AR-1248-5

R.T.: 4.580 min
Delta R.T.: -0.001 min
Response: 13228613
Conc: 99.41 ng/ml



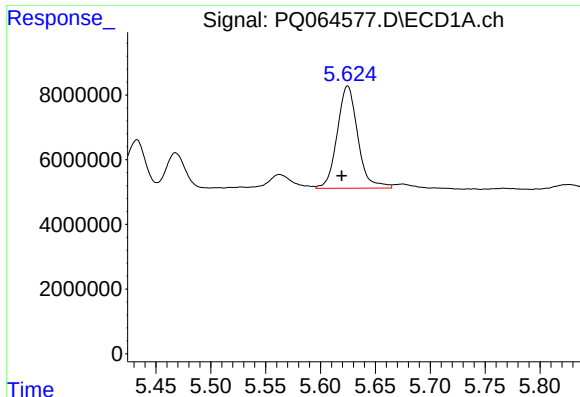
#26 AR-1254-1

R.T.: 5.405 min
Delta R.T.: 0.004 min
Response: 43726324
Conc: 285.48 ng/ml



#26 AR-1254-1

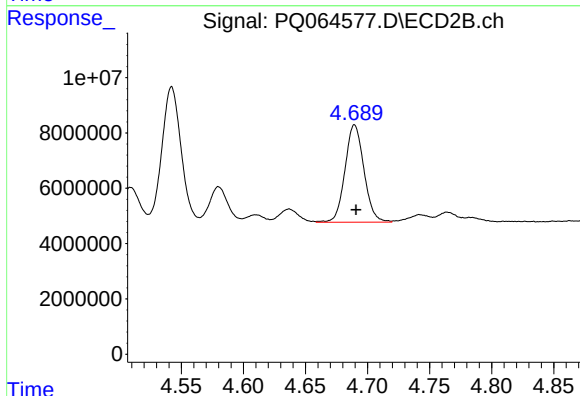
R.T.: 4.542 min
Delta R.T.: -0.001 min
Response: 52751968
Conc: 251.94 ng/ml



#27 AR-1254-2

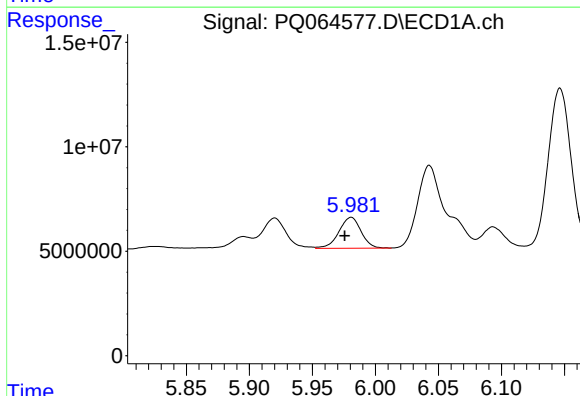
R.T.: 5.625 min
Delta R.T.: 0.005 min
Response: 41378999
Conc: 177.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



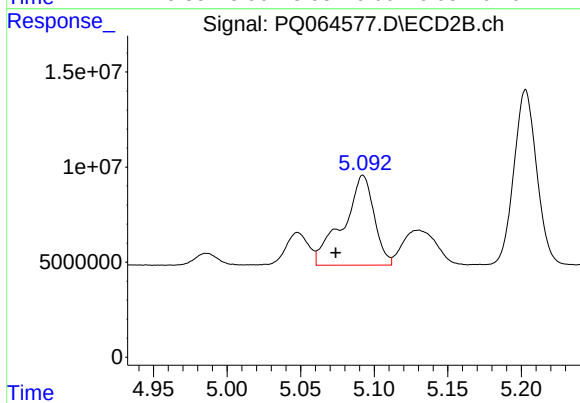
#27 AR-1254-2

R.T.: 4.690 min
Delta R.T.: -0.001 min
Response: 37447406
Conc: 202.44 ng/ml



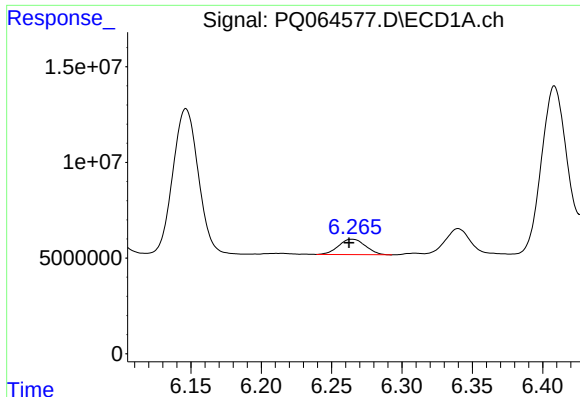
#28 AR-1254-3

R.T.: 5.981 min
Delta R.T.: 0.005 min
Response: 18030841
Conc: 73.36 ng/ml



#28 AR-1254-3

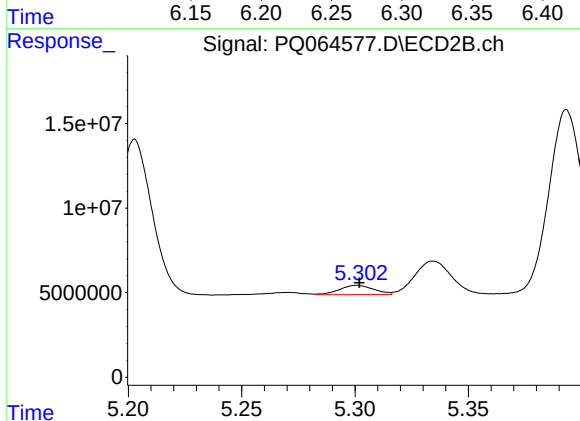
R.T.: 5.092 min
Delta R.T.: 0.019 min
Response: 69266344
Conc: 244.84 ng/ml



#29 AR-1254-4

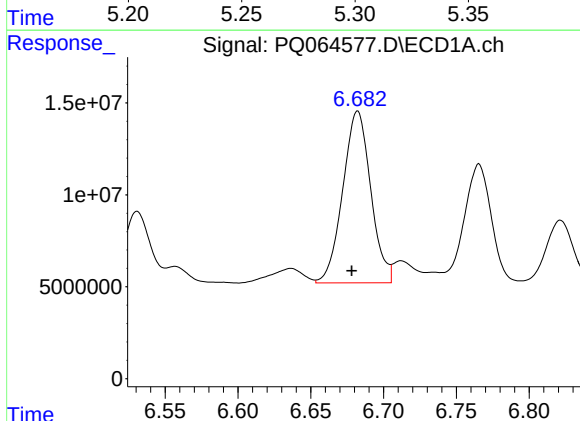
R.T.: 6.265 min
Delta R.T.: 0.002 min
Response: 10721394
Conc: 61.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



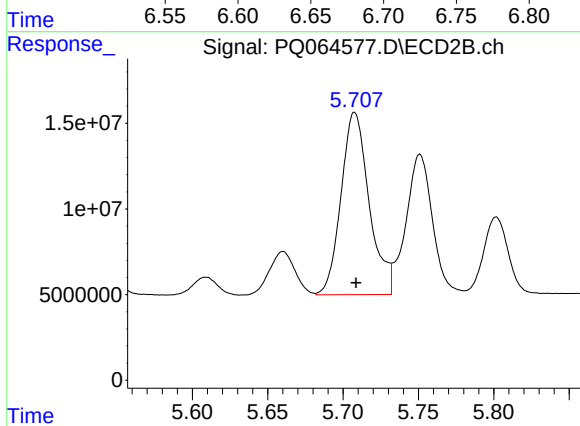
#29 AR-1254-4

R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 5825598
Conc: 31.38 ng/ml



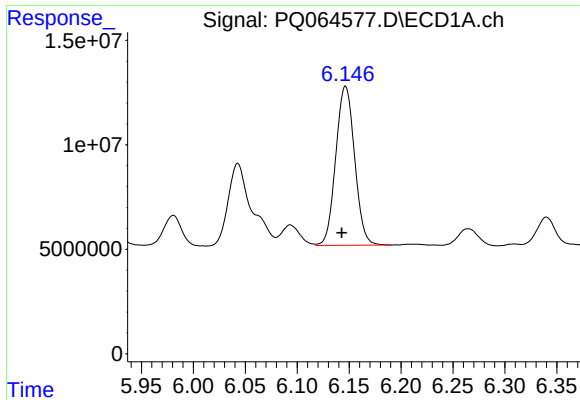
#30 AR-1254-5

R.T.: 6.682 min
Delta R.T.: 0.004 min
Response: 125109916
Conc: 648.23 ng/ml



#30 AR-1254-5

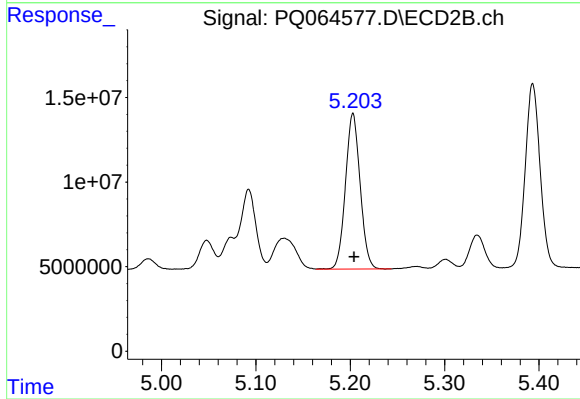
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 138387468
Conc: 532.98 ng/ml



#31 AR-1260-1

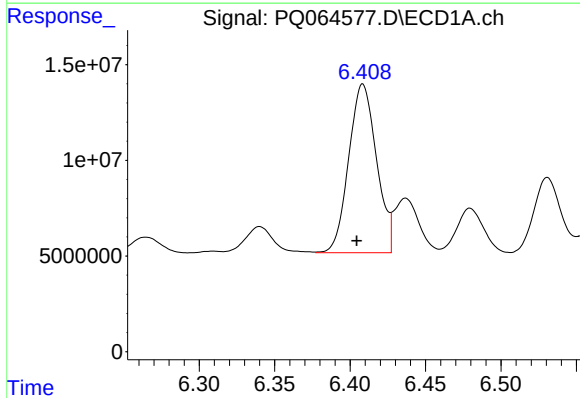
R.T.: 6.147 min
Delta R.T.: 0.004 min
Response: 96229530
Conc: 513.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



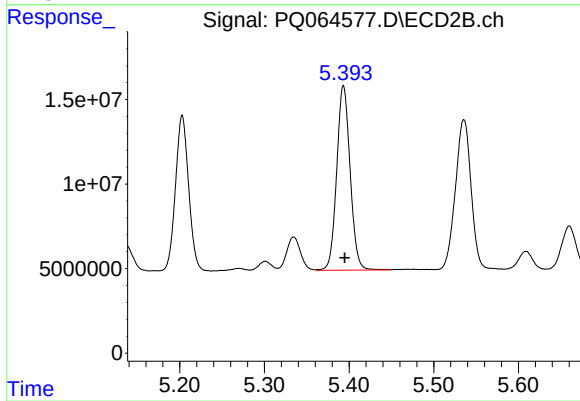
#31 AR-1260-1

R.T.: 5.203 min
Delta R.T.: -0.001 min
Response: 99437915
Conc: 514.18 ng/ml



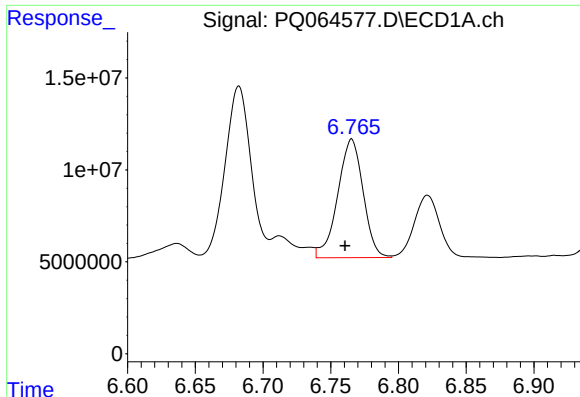
#32 AR-1260-2

R.T.: 6.408 min
Delta R.T.: 0.004 min
Response: 112896355
Conc: 520.74 ng/ml



#32 AR-1260-2

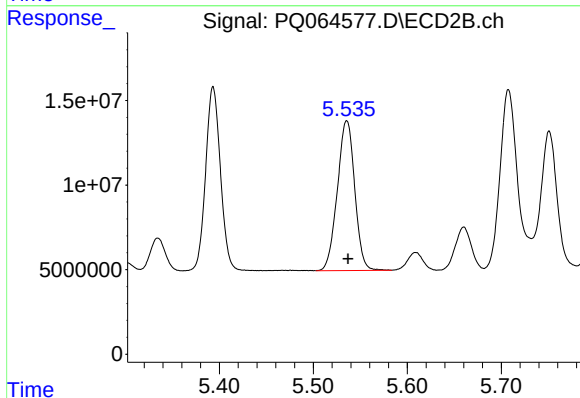
R.T.: 5.393 min
Delta R.T.: -0.001 min
Response: 120377016
Conc: 517.25 ng/ml



#33 AR-1260-3

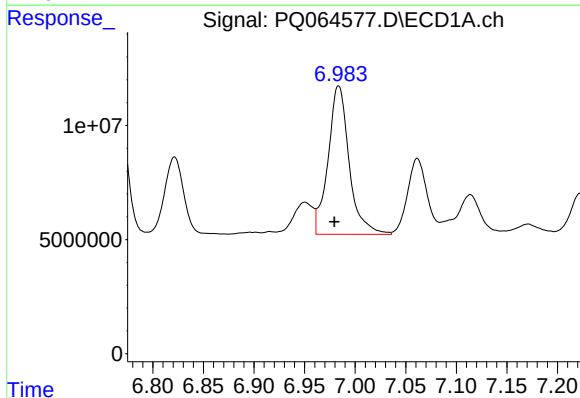
R.T.: 6.765 min
Delta R.T.: 0.005 min
Response: 84206674
Conc: 516.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



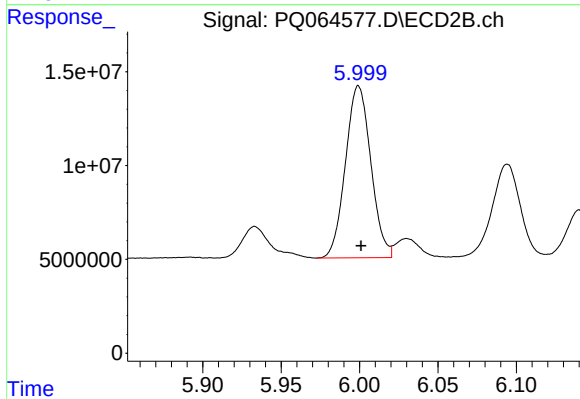
#33 AR-1260-3

R.T.: 5.536 min
Delta R.T.: -0.001 min
Response: 114062008
Conc: 524.74 ng/ml



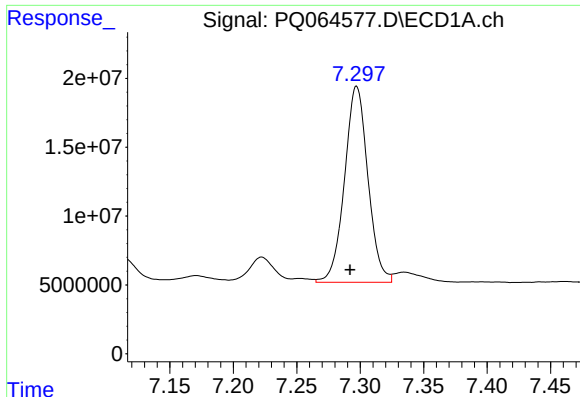
#34 AR-1260-4

R.T.: 6.984 min
Delta R.T.: 0.004 min
Response: 94643667
Conc: 551.70 ng/ml



#34 AR-1260-4

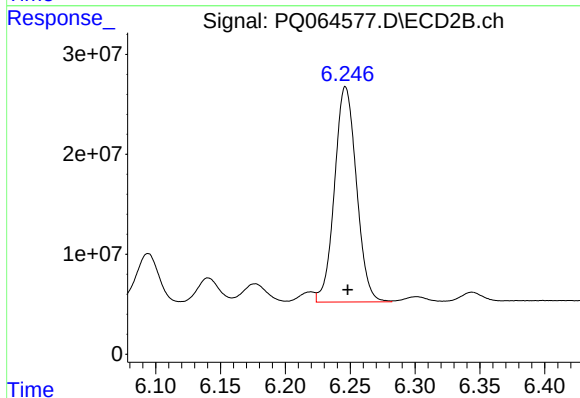
R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 103331528
Conc: 560.98 ng/ml



#35 AR-1260-5

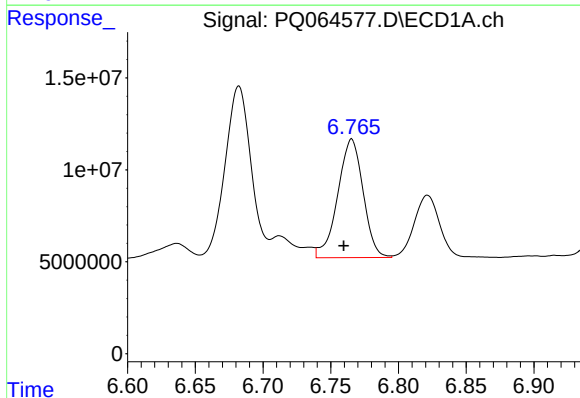
R.T.: 7.297 min
Delta R.T.: 0.005 min
Response: 182805561
Conc: 541.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



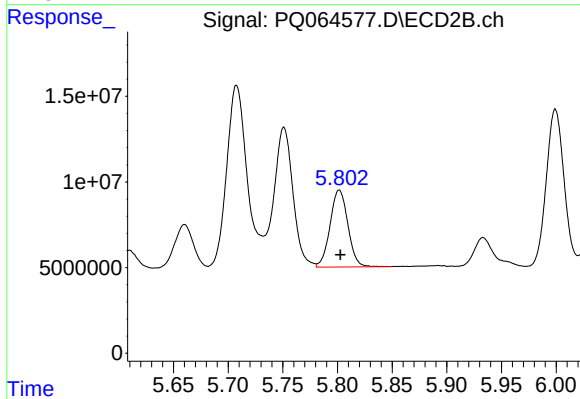
#35 AR-1260-5

R.T.: 6.246 min
Delta R.T.: -0.002 min
Response: 253587974
Conc: 584.81 ng/ml



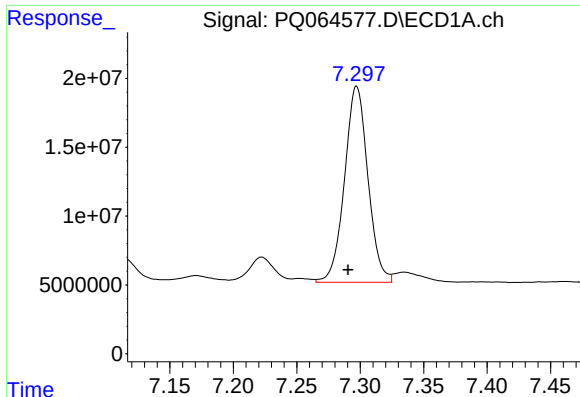
#36 AR-1262-1

R.T.: 6.765 min
Delta R.T.: 0.006 min
Response: 84206674
Conc: 342.28 ng/ml



#36 AR-1262-1

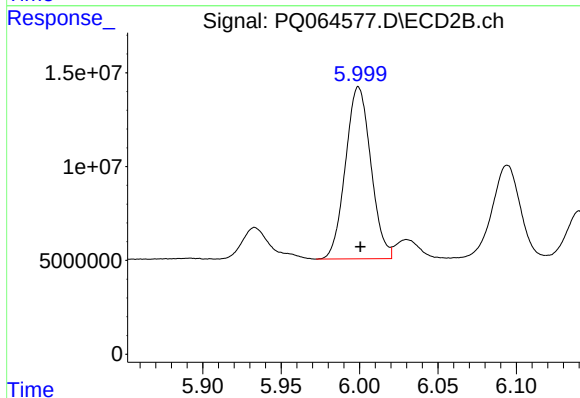
R.T.: 5.802 min
Delta R.T.: -0.001 min
Response: 51029454
Conc: 448.00 ng/ml



#37 AR-1262-2

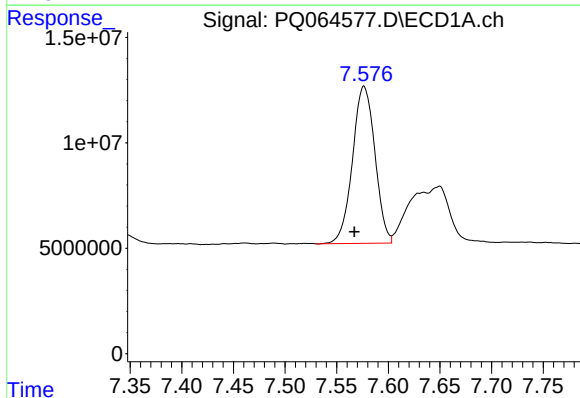
R.T.: 7.297 min
Delta R.T.: 0.007 min
Response: 182805561
Conc: 455.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



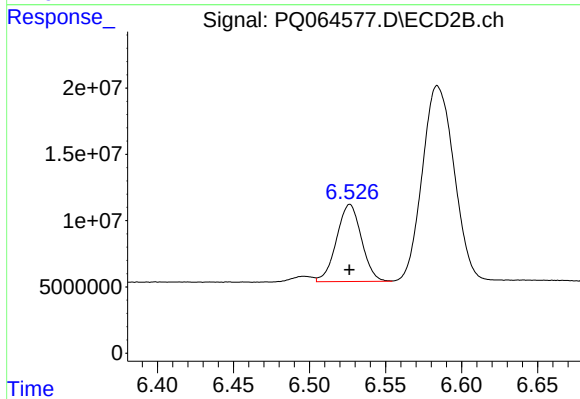
#37 AR-1262-2

R.T.: 5.999 min
Delta R.T.: -0.001 min
Response: 103331528
Conc: 405.64 ng/ml



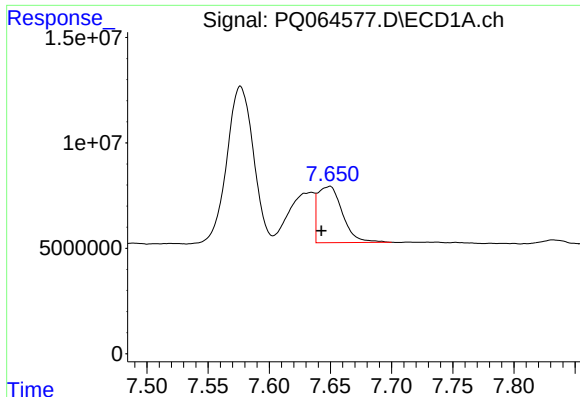
#38 AR-1262-3

R.T.: 7.576 min
Delta R.T.: 0.009 min
Response: 112609213
Conc: 416.34 ng/ml



#38 AR-1262-3

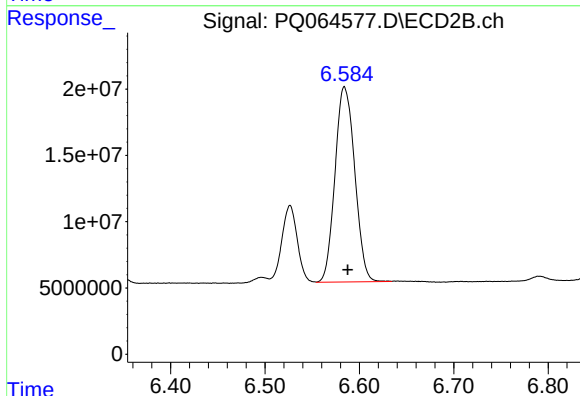
R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 66484624
Conc: 295.23 ng/ml



#39 AR-1262-4

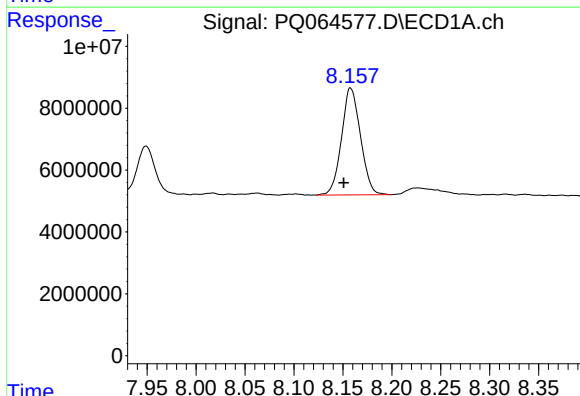
R.T.: 7.649 min
Delta R.T.: 0.007 min
Response: 37549434
Conc: 177.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



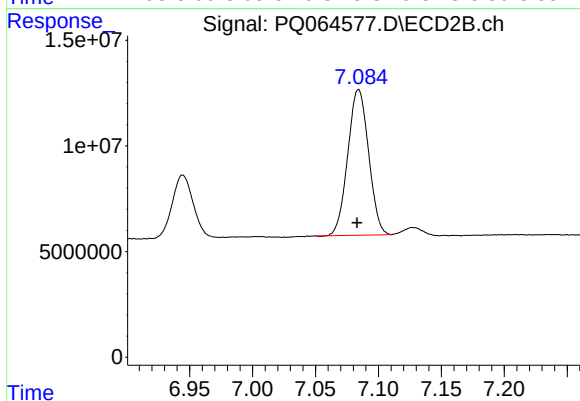
#39 AR-1262-4

R.T.: 6.584 min
Delta R.T.: -0.004 min
Response: 214109708
Conc: 494.73 ng/ml



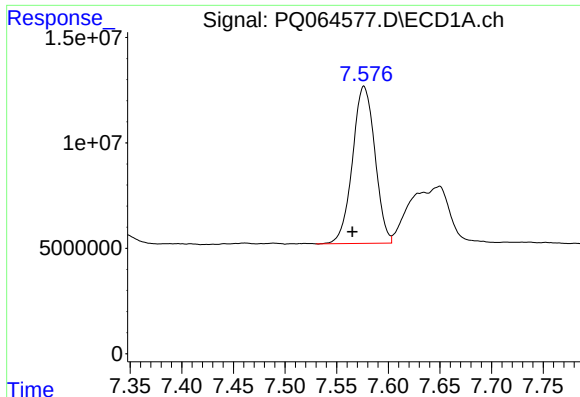
#40 AR-1262-5

R.T.: 8.158 min
Delta R.T.: 0.007 min
Response: 46583712
Conc: 341.78 ng/ml



#40 AR-1262-5

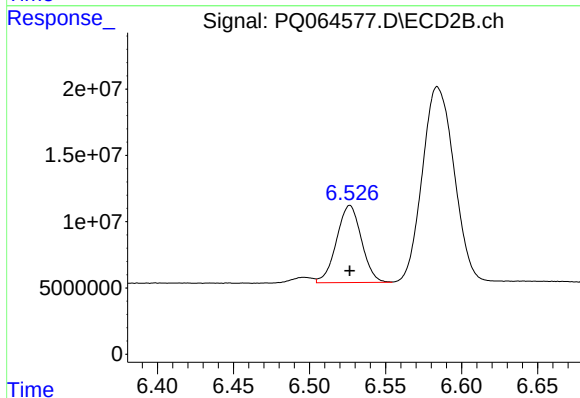
R.T.: 7.084 min
Delta R.T.: 0.001 min
Response: 79439516
Conc: 302.61 ng/ml



#41 AR-1268-1

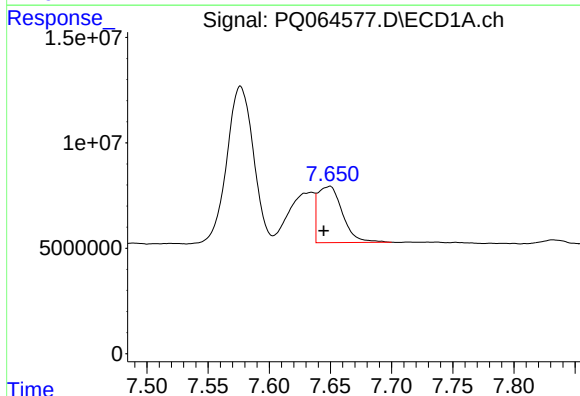
R.T.: 7.576 min
Delta R.T.: 0.011 min
Response: 112609213
Conc: 235.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



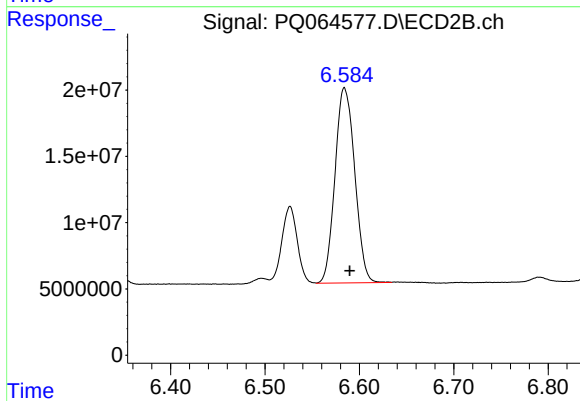
#41 AR-1268-1

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 66484624
Conc: 101.00 ng/ml



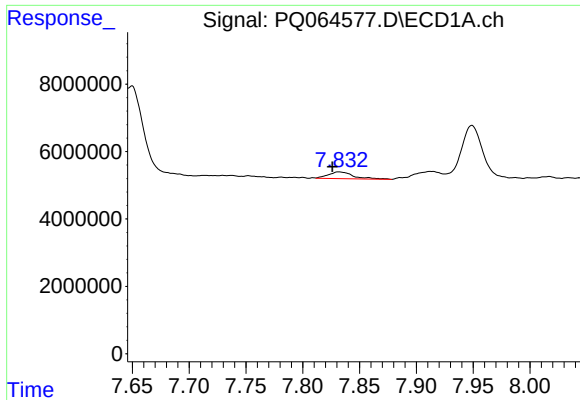
#42 AR-1268-2

R.T.: 7.649 min
Delta R.T.: 0.005 min
Response: 37549434
Conc: 86.35 ng/ml



#42 AR-1268-2

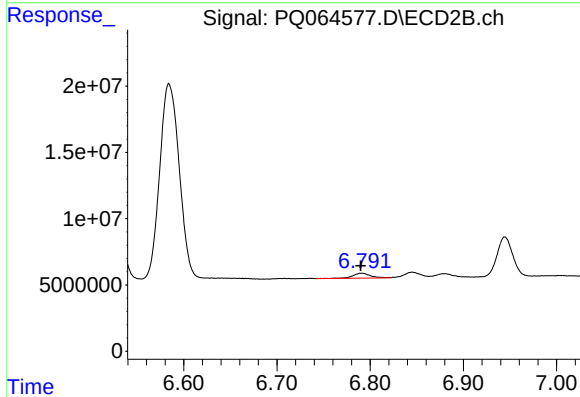
R.T.: 6.584 min
Delta R.T.: -0.006 min
Response: 214109708
Conc: 344.88 ng/ml



#43 AR-1268-3

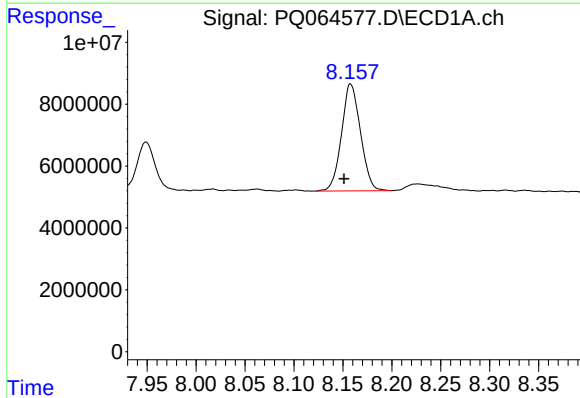
R.T.: 7.832 min
Delta R.T.: 0.006 min
Response: 3120095
Conc: 8.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



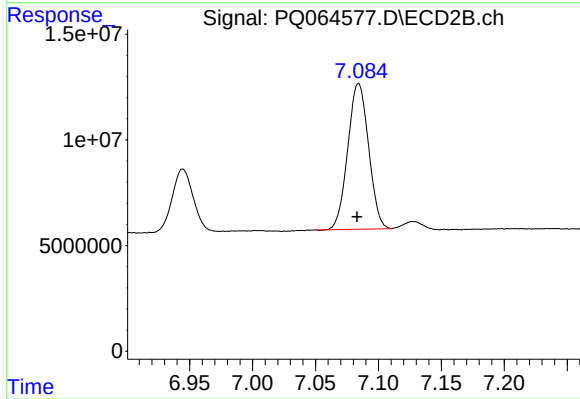
#43 AR-1268-3

R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 5081243
Conc: 7.94 ng/ml



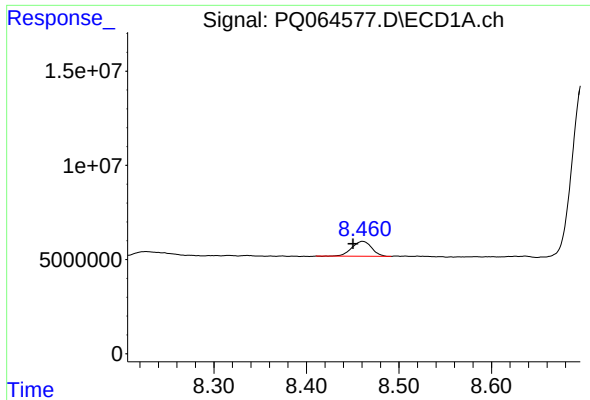
#44 AR-1268-4

R.T.: 8.158 min
Delta R.T.: 0.007 min
Response: 46583712
Conc: 304.34 ng/ml



#44 AR-1268-4

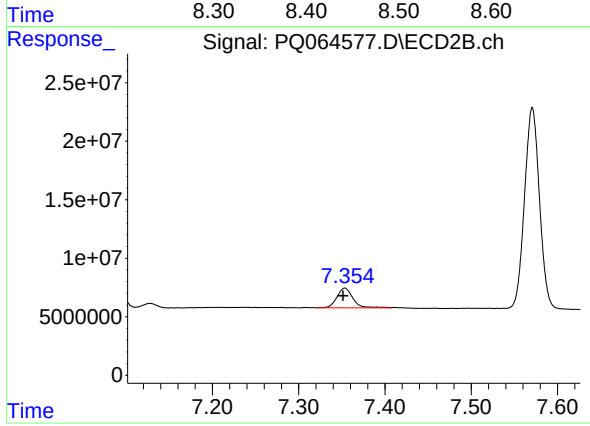
R.T.: 7.084 min
Delta R.T.: 0.001 min
Response: 79439516
Conc: 263.97 ng/ml



#45 AR-1268-5

R.T.: 8.461 min
Delta R.T.: 0.011 min
Response: 11904594
Conc: 10.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.354 min
Delta R.T.: 0.002 min
Response: 21685259
Conc: 11.48 ng/ml