

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061323\
 Data File : PQ061369.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2023 10:47
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 21:27:33 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	235.1E6	140.8E6	52.303	52.740
2)	SA Decachlor...	8.587	7.534	175.2E6	178.1E6	51.997	53.055
Target Compounds							
3)	L1 AR-1016-1	4.505	3.762	49336350	32636525	320.474	316.425
4)	L1 AR-1016-2	4.525	3.778	59489394	34080619	260.730	228.753
5)	L1 AR-1016-3	4.582	3.938	29378963	22711208	206.746	287.390 #
6)	L1 AR-1016-4	4.673	3.987	32984795	49936235	286.481	703.254 #
7)	L1 AR-1016-5	4.961	4.181	81381292	59140177	704.157	690.780
8)	L2 AR-1221-1	3.601	2.965	495181	378174	8.825	10.621
9)	L2 AR-1221-2	3.683	3.028	4153082	2522248	98.414	91.577
10)	L2 AR-1221-3	3.754	3.106	4240440	2791896	32.350	32.946
11)	L3 AR-1232-1	3.754	3.106	4240440	2791896	44.361	45.336
12)	L3 AR-1232-2	4.247	3.778	21741708	34080619	395.766	494.655
13)	L3 AR-1232-3	4.525	3.938	59489394	22711208	569.495	628.072
14)	L3 AR-1232-4	4.673	4.023	32984795	47902182	621.679	1486.222 #
15)	L3 AR-1232-5	4.771	4.181	66429572	59140177	1761.475	1543.151
16)	L4 AR-1242-1	4.505	3.762	49336350	32636525	434.802	426.124
17)	L4 AR-1242-2	4.525	3.778	59489394	34080619	350.353	307.520
18)	L4 AR-1242-3	4.582	3.938	29378963	22711208	274.619	383.749 #
19)	L4 AR-1242-4	4.673	4.023	32984795	47902182	380.053	799.896 #
20)	L4 AR-1242-5	5.390	4.519	84041730	82413459	947.606	1029.269
21)	L5 AR-1248-1	4.505	3.762	49336350	32636525	547.549	524.403
22)	L5 AR-1248-2	4.771	3.987	66429572	49936235	522.552	516.638
23)	L5 AR-1248-3	4.961	4.023	81381292	47902182	528.310	524.018
24)	L5 AR-1248-4	5.355	4.181	89049637	59140177	524.595	522.296
25)	L5 AR-1248-5	5.390	4.556	84041730	57069839	512.985	518.177
26)	L6 AR-1254-1	5.327	4.519	70428923	82413459	412.344	501.158
27)	L6 AR-1254-2	5.542	4.665	90760778	24796682	339.439	164.865 #
28)	L6 AR-1254-3	5.899	5.046	50717867	39421698	181.496	169.411
29)	L6 AR-1254-4	6.183	5.273	38407750	25187669	187.644	175.316
30)	L6 AR-1254-5	6.596	5.678	8199974	8280077	34.763	36.299
31)	L7 AR-1260-1	6.065	5.179	5197198	18974382	23.393	110.310 #
32)	L7 AR-1260-2	6.324	5.365	6389881	3609752	24.018	17.419 #
33)	L7 AR-1260-3	6.677	5.503	498004	5510584	2.962	27.745 #
34)	L7 AR-1260-4	6.873	5.965	4172070	395180	20.788	2.686 #
35)	L7 AR-1260-5	7.206	6.215	1636218	1570950	4.299	4.838
36)	L8 AR-1262-1	6.677	5.741	498004	1287683	1.663	5.313 #
37)	L8 AR-1262-2	7.206	6.215	1636218	1570950	3.245	3.594
38)	L8 AR-1262-3	7.483	6.494	1490879	713758	4.412	3.961
39)	L8 AR-1262-4	7.542	6.549	239342	1498789	0.932	4.519 #
40)	L8 AR-1262-5	8.059	7.045	581313	564662	3.413	3.520
41)	L9 AR-1268-1	7.483	6.494	1490879	713758	2.707	1.453 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061323\
 Data File : PQ061369.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2023 10:47
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

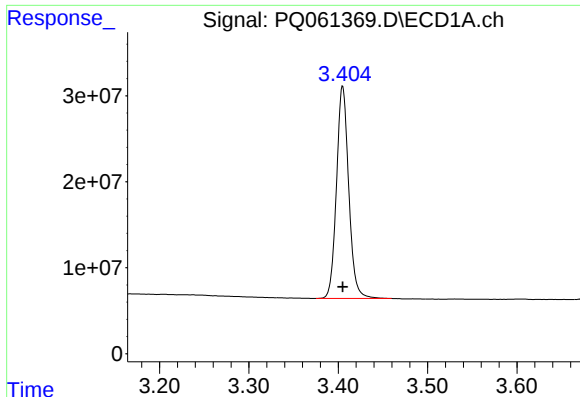
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 21:27:33 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	7.573	6.549	757960	1498789	1.538	3.369 #
43) L9	AR-1268-3	7.735	6.757	675164	1122506	1.637	2.867 #
44) L9	AR-1268-4	8.059	7.045	581313	564662	3.284	3.363
45) L9	AR-1268-5	8.354	7.318	994500	1683505	0.837	1.358 #

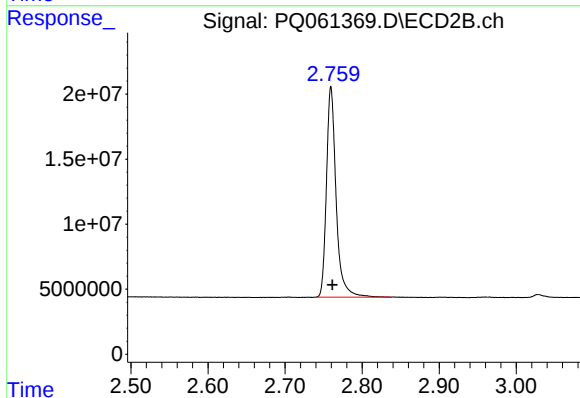
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

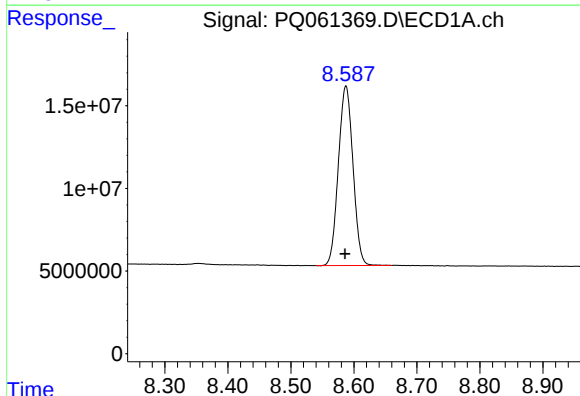
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 235104018
Conc: 52.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



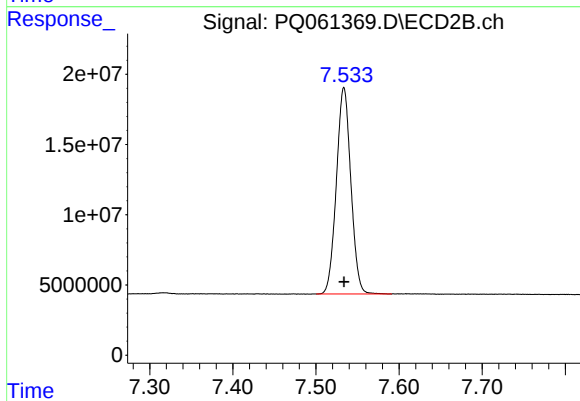
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: -0.002 min
Response: 140835843
Conc: 52.74 ng/ml



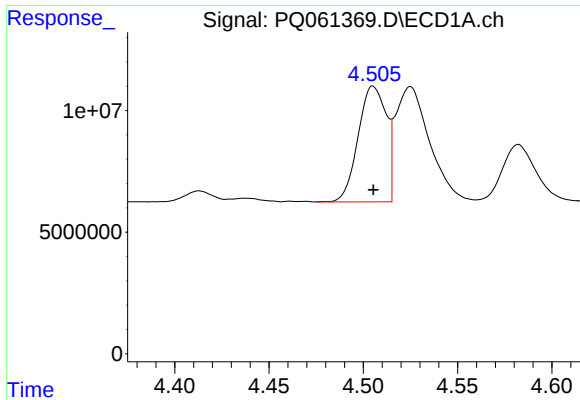
#2 Decachlorobiphenyl

R.T.: 8.587 min
Delta R.T.: 0.002 min
Response: 175159931
Conc: 52.00 ng/ml



#2 Decachlorobiphenyl

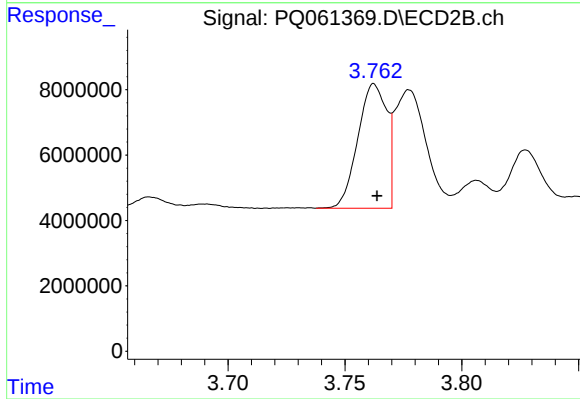
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 178080957
Conc: 53.06 ng/ml



#3 AR-1016-1

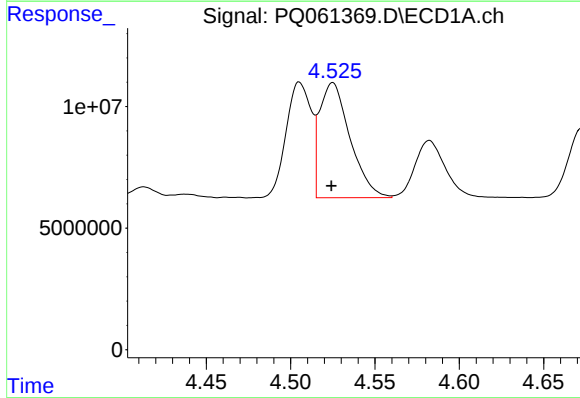
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 49336350
Conc: 320.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



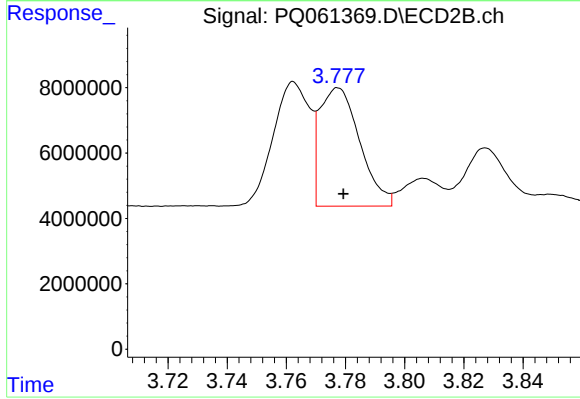
#3 AR-1016-1

R.T.: 3.762 min
Delta R.T.: -0.001 min
Response: 32636525
Conc: 316.43 ng/ml



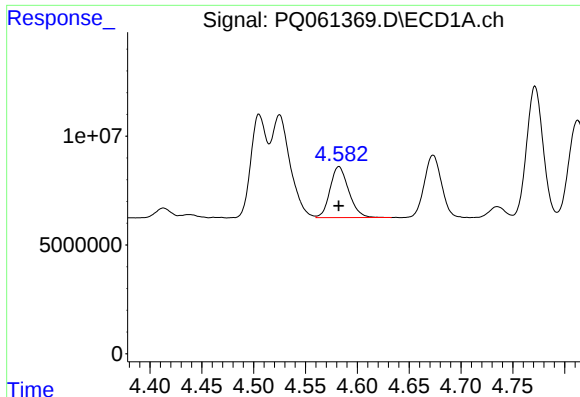
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 59489394
Conc: 260.73 ng/ml



#4 AR-1016-2

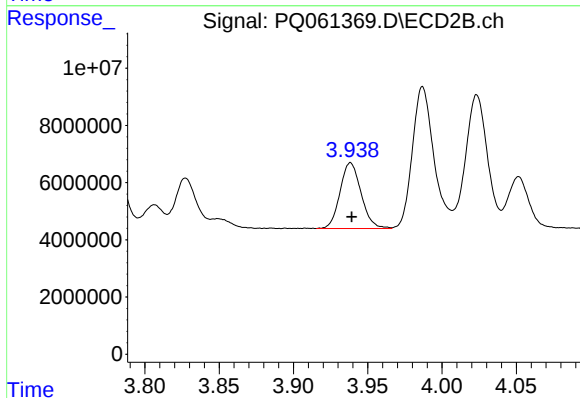
R.T.: 3.778 min
Delta R.T.: -0.002 min
Response: 34080619
Conc: 228.75 ng/ml



#5 AR-1016-3

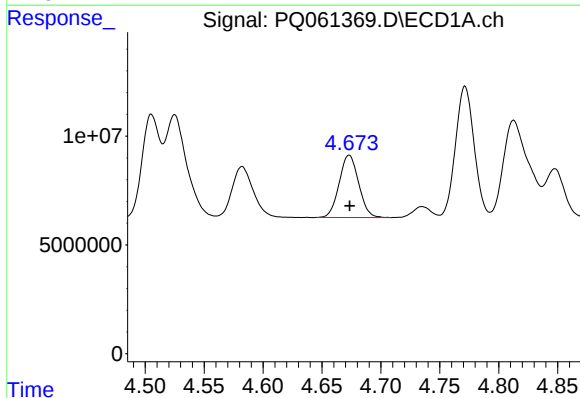
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 29378963
Conc: 206.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



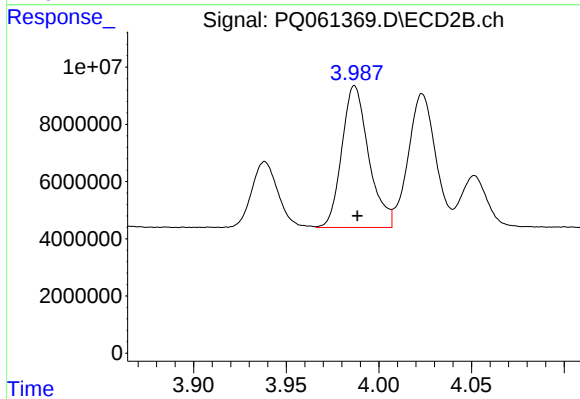
#5 AR-1016-3

R.T.: 3.938 min
Delta R.T.: 0.000 min
Response: 22711208
Conc: 287.39 ng/ml



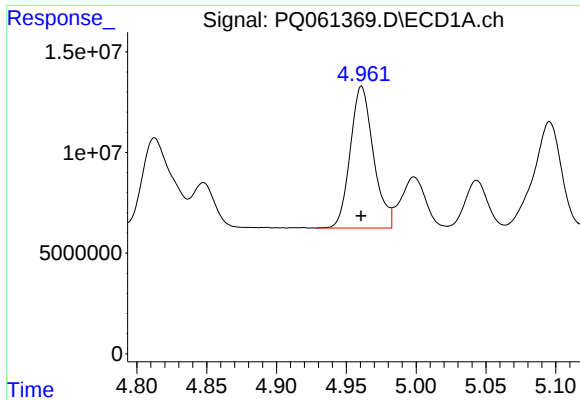
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 32984795
Conc: 286.48 ng/ml



#6 AR-1016-4

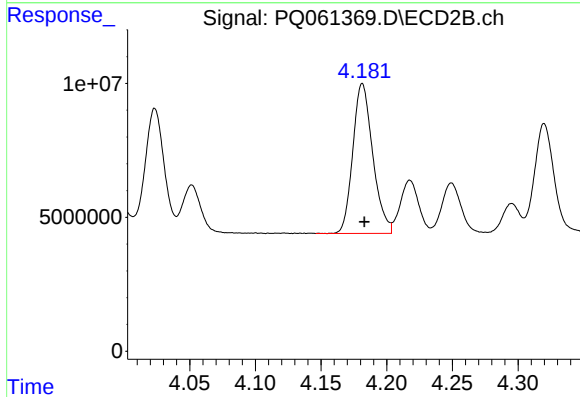
R.T.: 3.987 min
Delta R.T.: -0.002 min
Response: 49936235
Conc: 703.25 ng/ml



#7 AR-1016-5

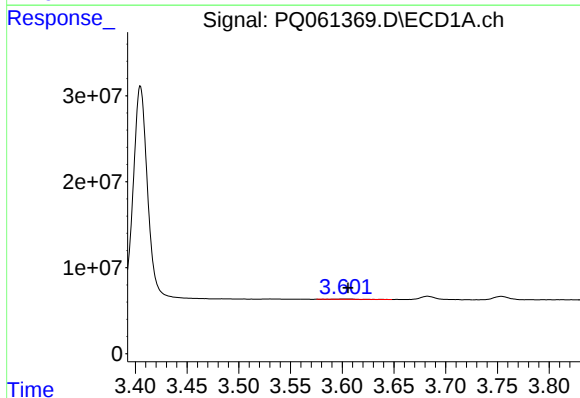
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 81381292
Conc: 704.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



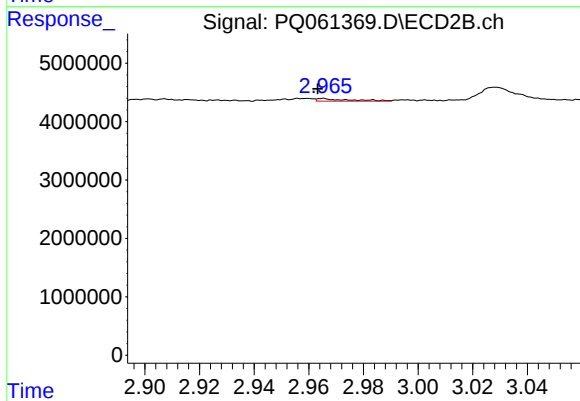
#7 AR-1016-5

R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 59140177
Conc: 690.78 ng/ml



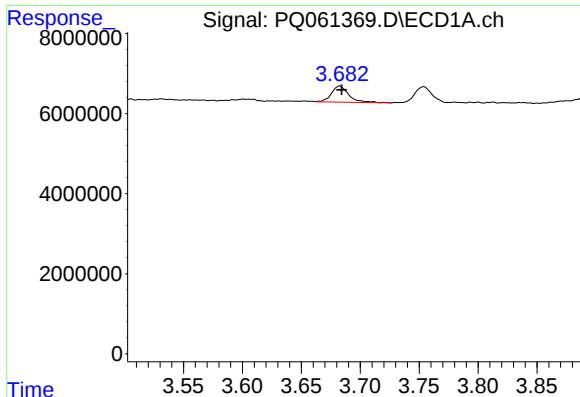
#8 AR-1221-1

R.T.: 3.601 min
Delta R.T.: -0.005 min
Response: 495181
Conc: 8.83 ng/ml



#8 AR-1221-1

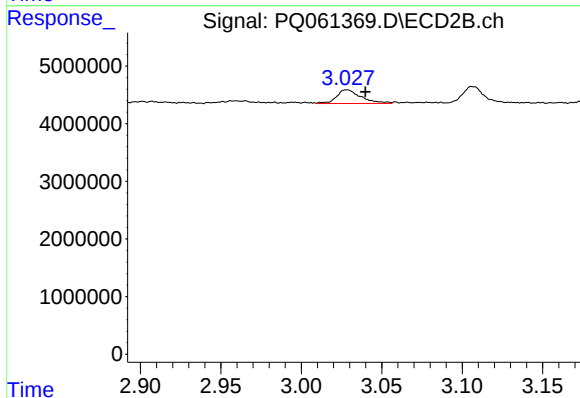
R.T.: 2.965 min
Delta R.T.: 0.002 min
Response: 378174
Conc: 10.62 ng/ml



#9 AR-1221-2

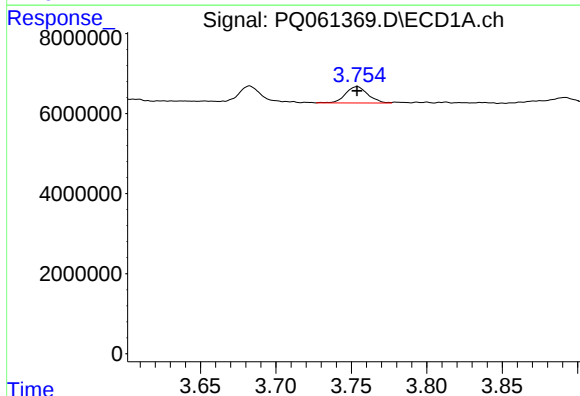
R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 4153082
Conc: 98.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



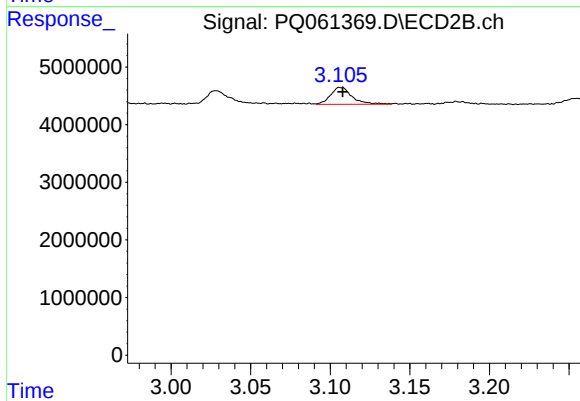
#9 AR-1221-2

R.T.: 3.028 min
Delta R.T.: -0.011 min
Response: 2522248
Conc: 91.58 ng/ml



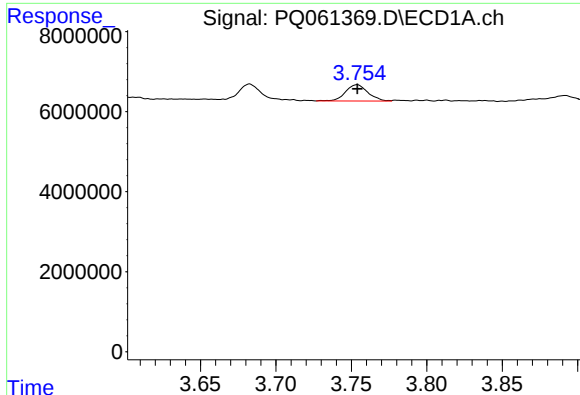
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 4240440
Conc: 32.35 ng/ml



#10 AR-1221-3

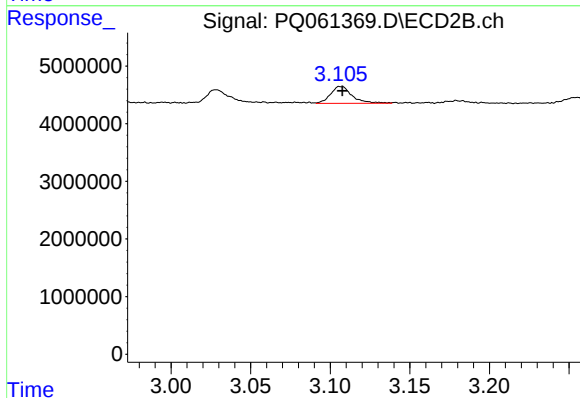
R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 2791896
Conc: 32.95 ng/ml



#11 AR-1232-1

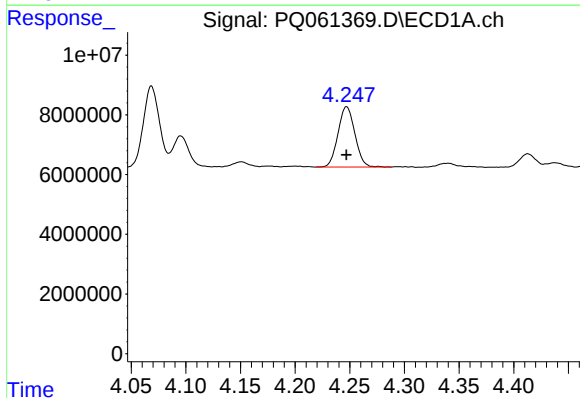
R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 4240440
Conc: 44.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



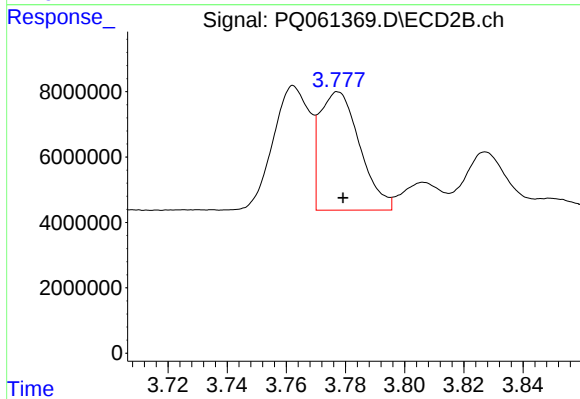
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 2791896
Conc: 45.34 ng/ml



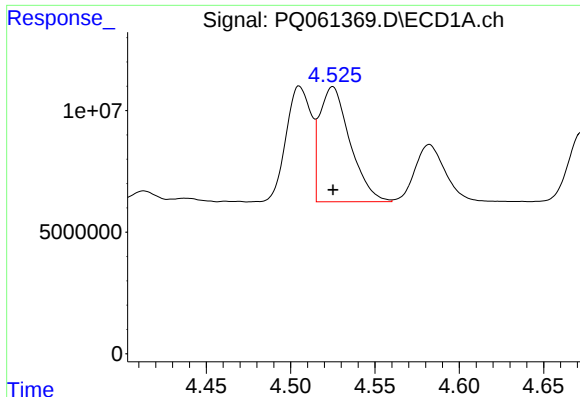
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 21741708
Conc: 395.77 ng/ml



#12 AR-1232-2

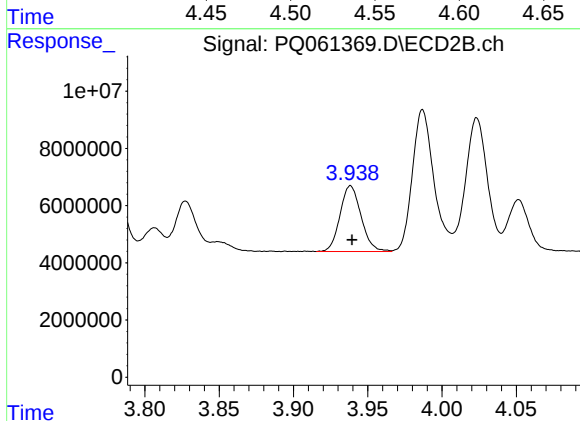
R.T.: 3.778 min
Delta R.T.: -0.002 min
Response: 34080619
Conc: 494.66 ng/ml



#13 AR-1232-3

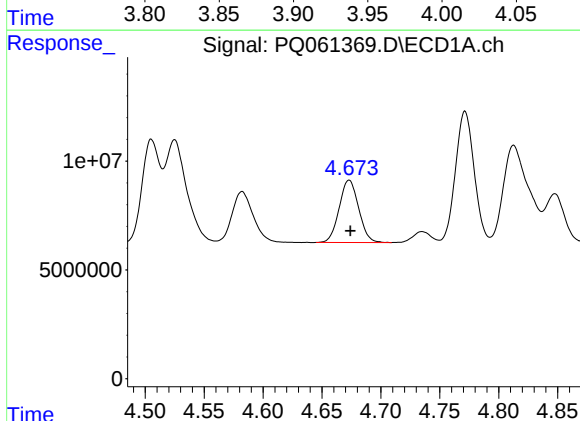
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 59489394
Conc: 569.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



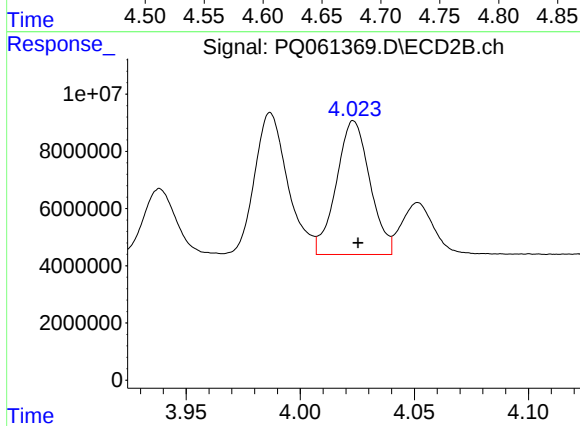
#13 AR-1232-3

R.T.: 3.938 min
Delta R.T.: 0.000 min
Response: 22711208
Conc: 628.07 ng/ml



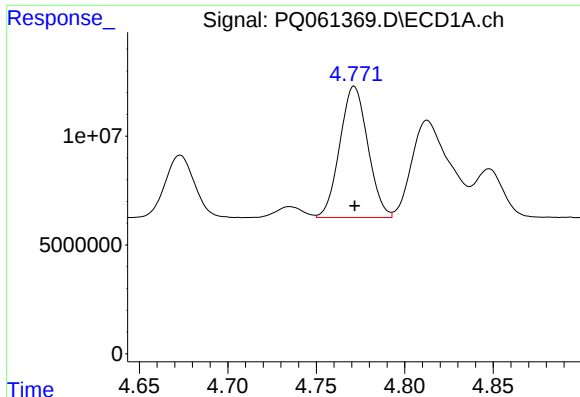
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: -0.001 min
Response: 32984795
Conc: 621.68 ng/ml



#14 AR-1232-4

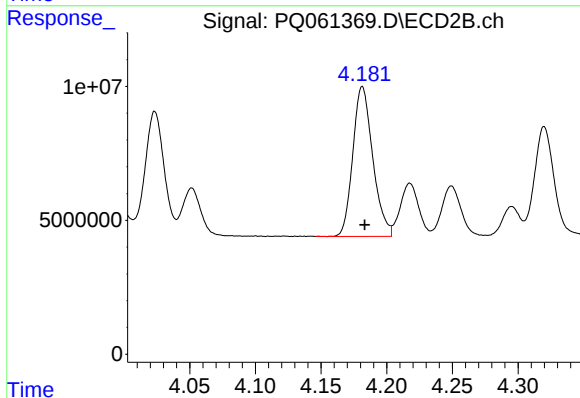
R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 47902182
Conc: 1486.22 ng/ml



#15 AR-1232-5

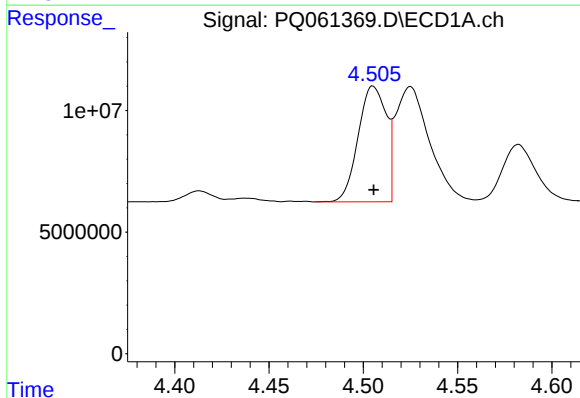
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 66429572
Conc: 1761.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



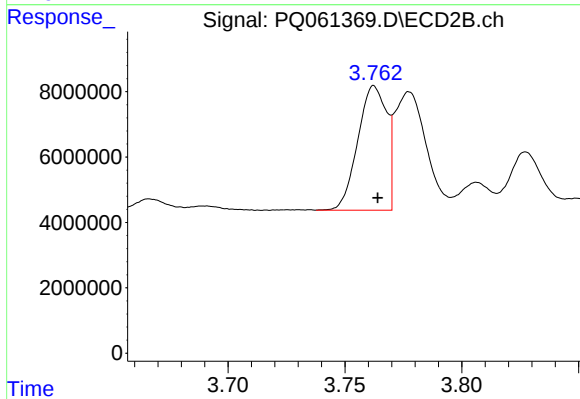
#15 AR-1232-5

R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 59140177
Conc: 1543.15 ng/ml



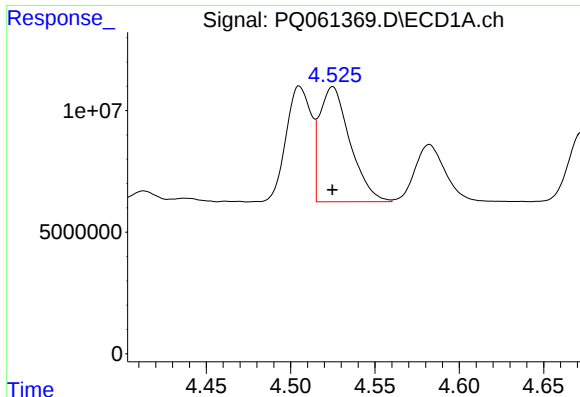
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 49336350
Conc: 434.80 ng/ml



#16 AR-1242-1

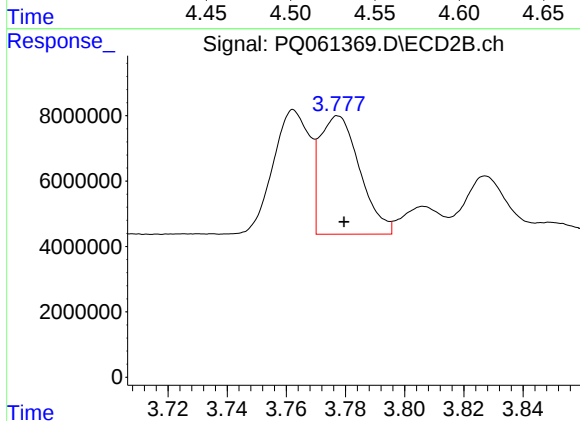
R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 32636525
Conc: 426.12 ng/ml



#17 AR-1242-2

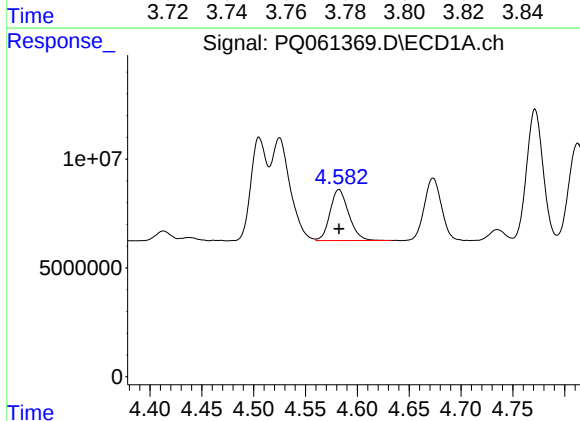
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 59489394
Conc: 350.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



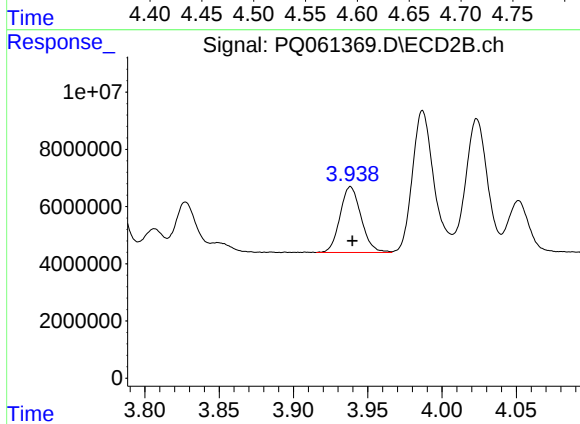
#17 AR-1242-2

R.T.: 3.778 min
Delta R.T.: -0.002 min
Response: 34080619
Conc: 307.52 ng/ml



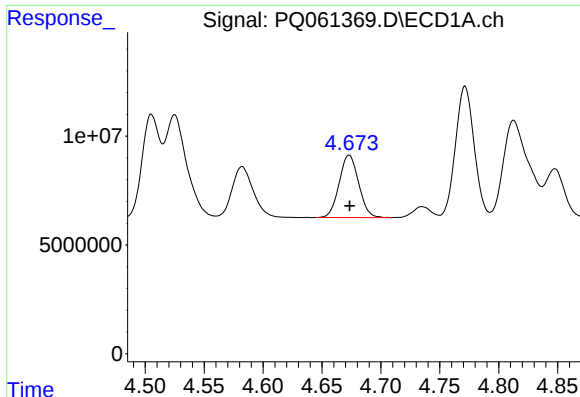
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 29378963
Conc: 274.62 ng/ml



#18 AR-1242-3

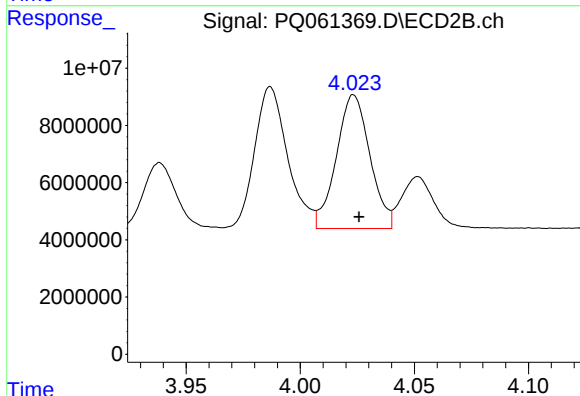
R.T.: 3.938 min
Delta R.T.: -0.001 min
Response: 22711208
Conc: 383.75 ng/ml



#19 AR-1242-4

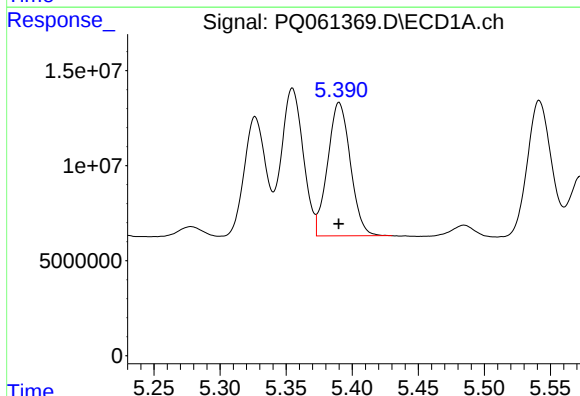
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 32984795
Conc: 380.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



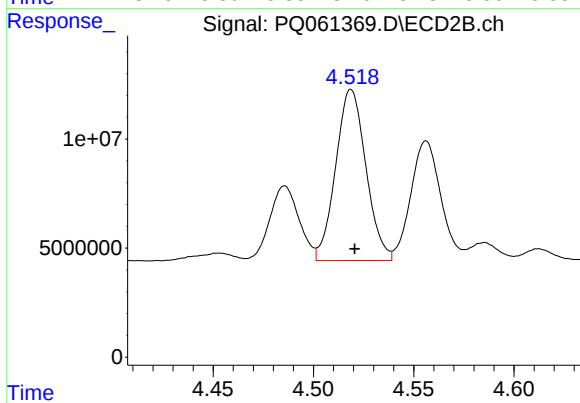
#19 AR-1242-4

R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 47902182
Conc: 799.90 ng/ml



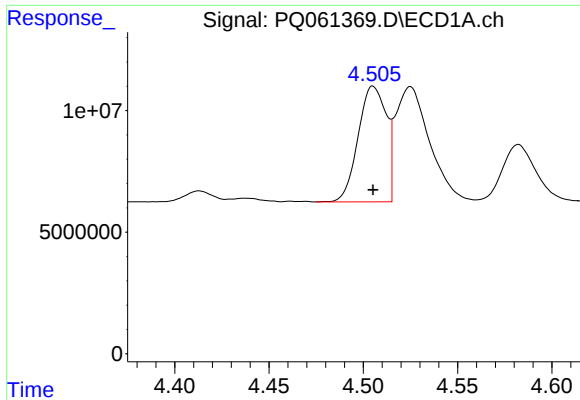
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 84041730
Conc: 947.61 ng/ml



#20 AR-1242-5

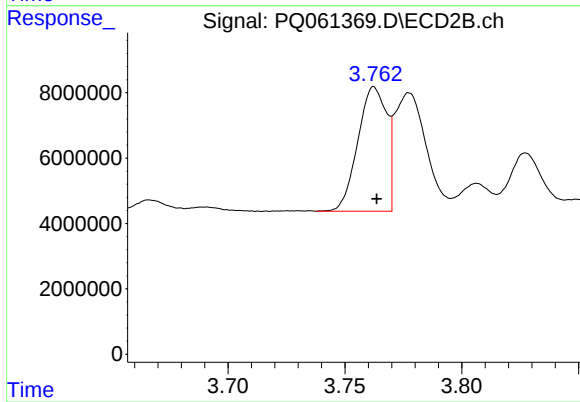
R.T.: 4.519 min
Delta R.T.: -0.002 min
Response: 82413459
Conc: 1029.27 ng/ml



#21 AR-1248-1

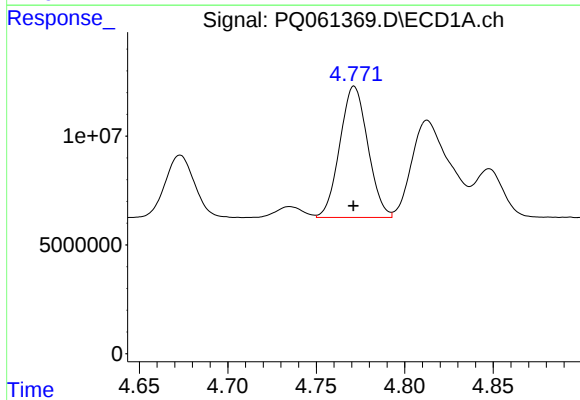
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 49336350
Conc: 547.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



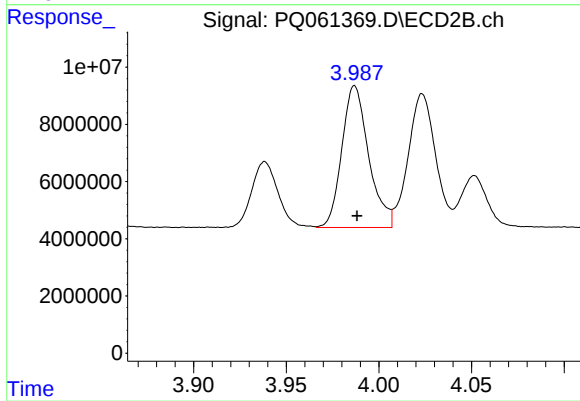
#21 AR-1248-1

R.T.: 3.762 min
Delta R.T.: -0.001 min
Response: 32636525
Conc: 524.40 ng/ml



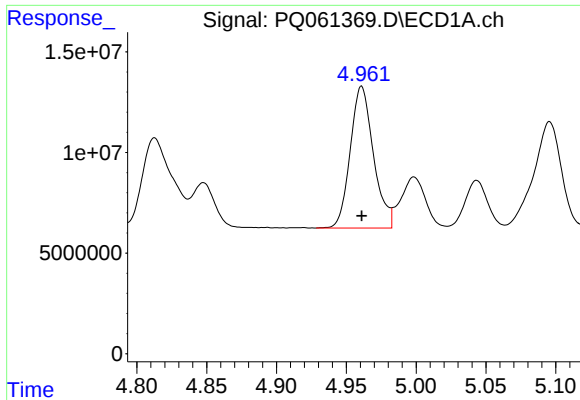
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 66429572
Conc: 522.55 ng/ml



#22 AR-1248-2

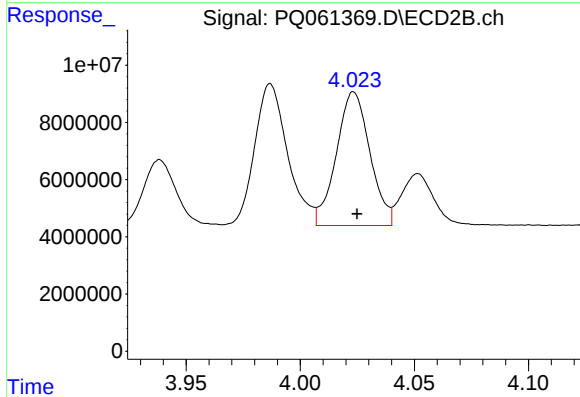
R.T.: 3.987 min
Delta R.T.: -0.001 min
Response: 49936235
Conc: 516.64 ng/ml



#23 AR-1248-3

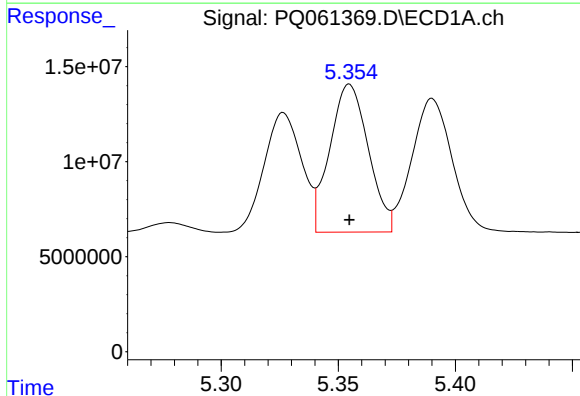
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 81381292
Conc: 528.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



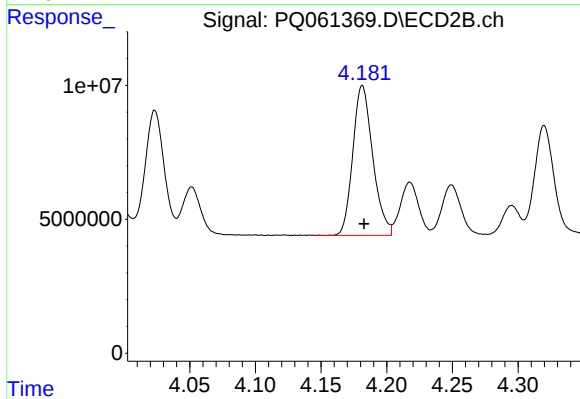
#23 AR-1248-3

R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 47902182
Conc: 524.02 ng/ml



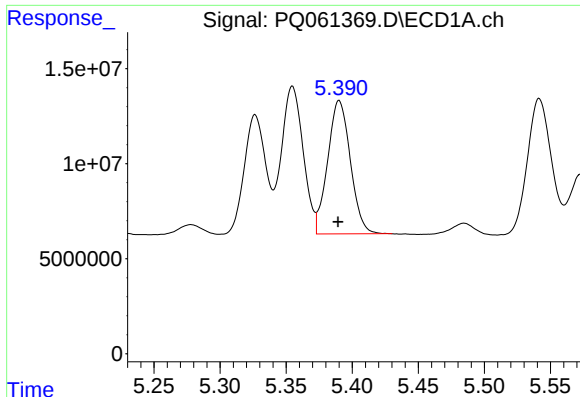
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 89049637
Conc: 524.60 ng/ml



#24 AR-1248-4

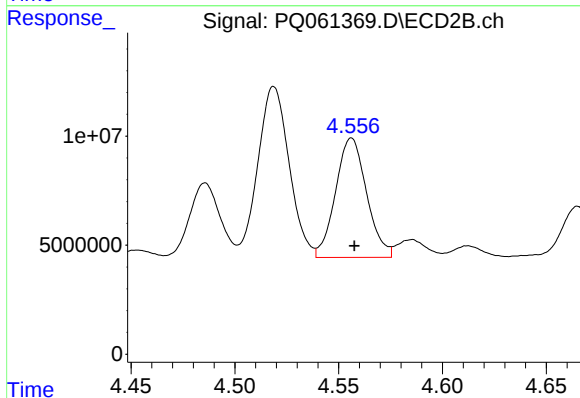
R.T.: 4.181 min
Delta R.T.: -0.001 min
Response: 59140177
Conc: 522.30 ng/ml



#25 AR-1248-5

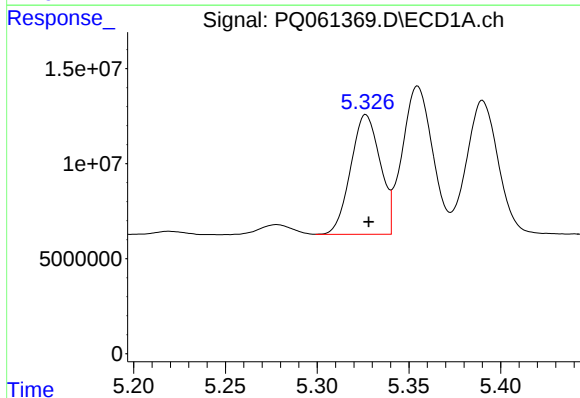
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 84041730
Conc: 512.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



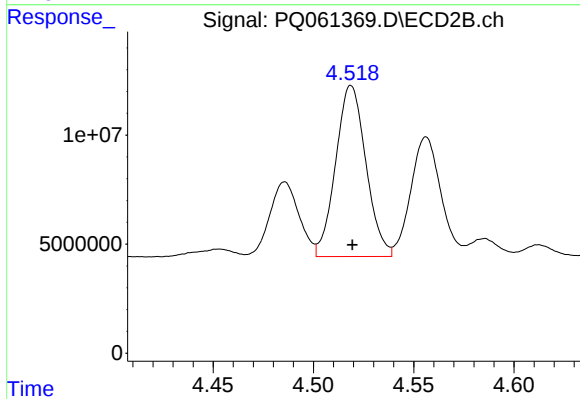
#25 AR-1248-5

R.T.: 4.556 min
Delta R.T.: -0.001 min
Response: 57069839
Conc: 518.18 ng/ml



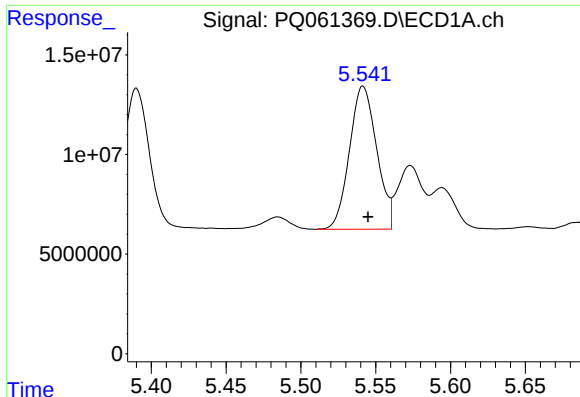
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.002 min
Response: 70428923
Conc: 412.34 ng/ml



#26 AR-1254-1

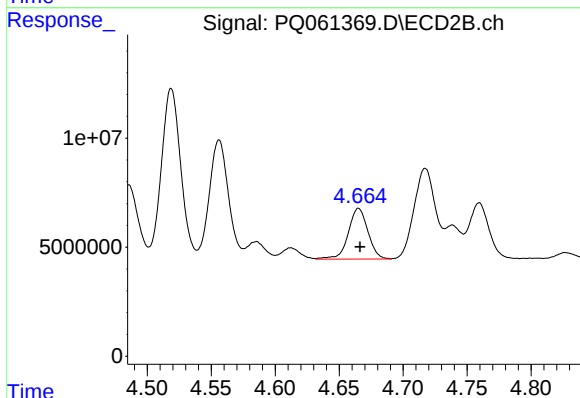
R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 82413459
Conc: 501.16 ng/ml



#27 AR-1254-2

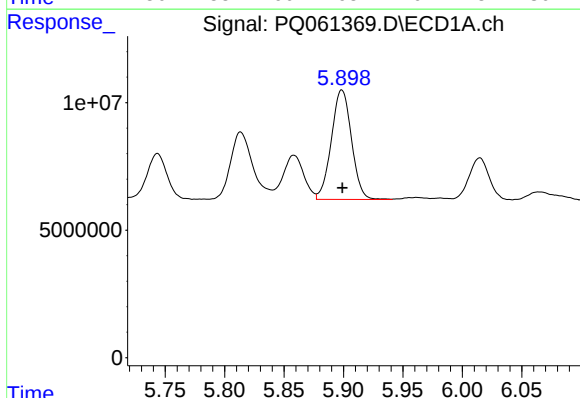
R.T.: 5.542 min
Delta R.T.: -0.003 min
Response: 90760778
Conc: 339.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



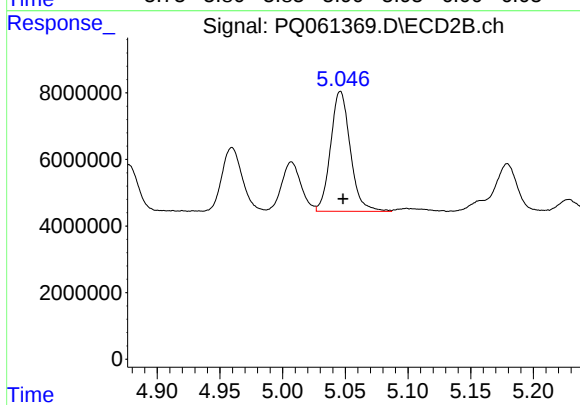
#27 AR-1254-2

R.T.: 4.665 min
Delta R.T.: -0.001 min
Response: 24796682
Conc: 164.86 ng/ml



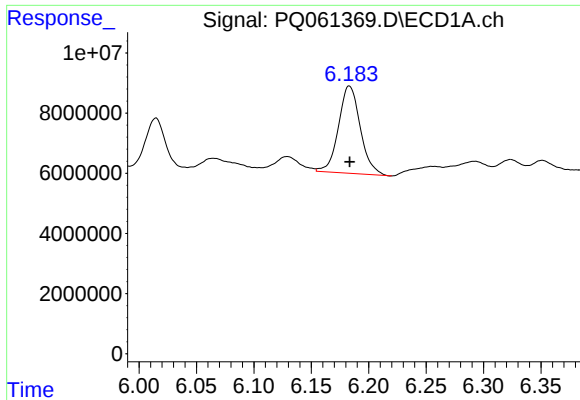
#28 AR-1254-3

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 50717867
Conc: 181.50 ng/ml



#28 AR-1254-3

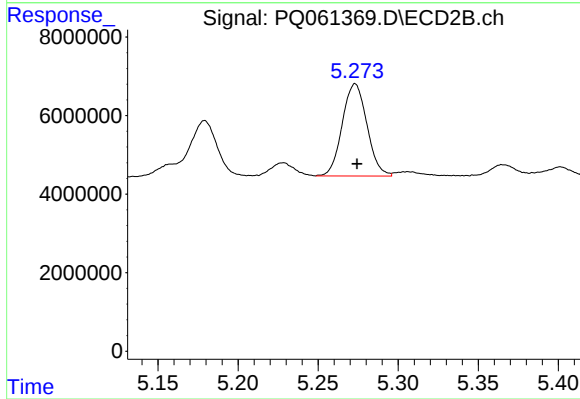
R.T.: 5.046 min
Delta R.T.: -0.002 min
Response: 39421698
Conc: 169.41 ng/ml



#29 AR-1254-4

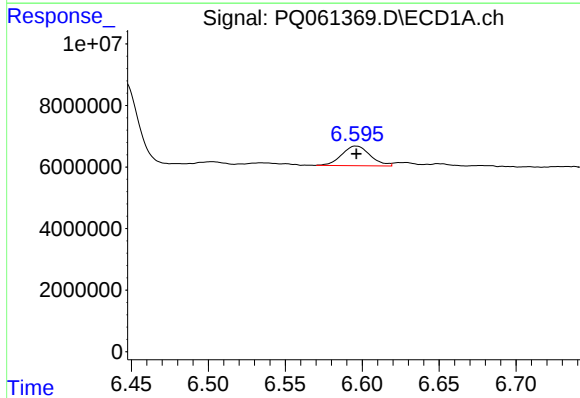
R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 38407750
Conc: 187.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



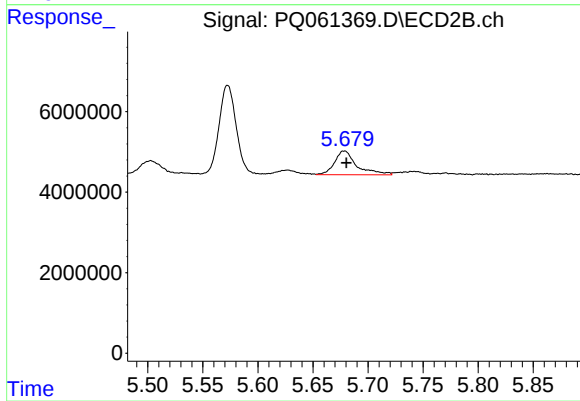
#29 AR-1254-4

R.T.: 5.273 min
Delta R.T.: -0.001 min
Response: 25187669
Conc: 175.32 ng/ml



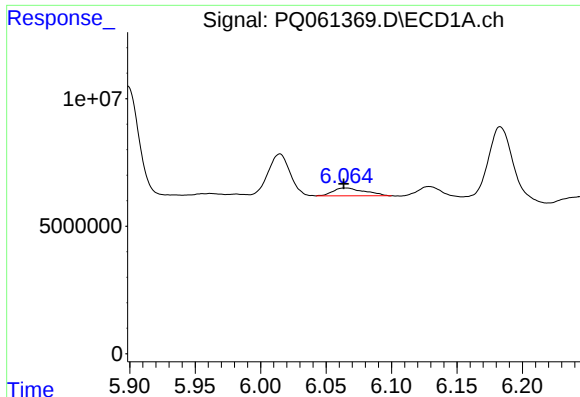
#30 AR-1254-5

R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 8199974
Conc: 34.76 ng/ml



#30 AR-1254-5

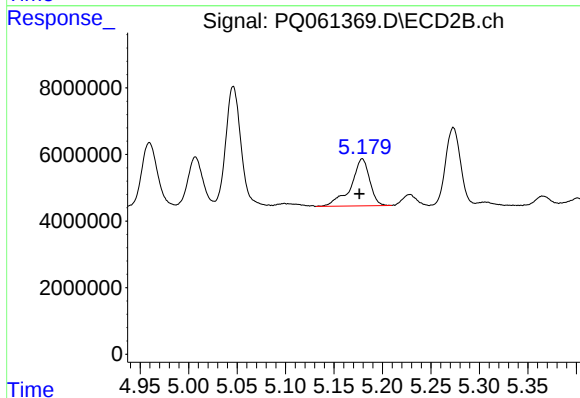
R.T.: 5.678 min
Delta R.T.: -0.002 min
Response: 8280077
Conc: 36.30 ng/ml



#31 AR-1260-1

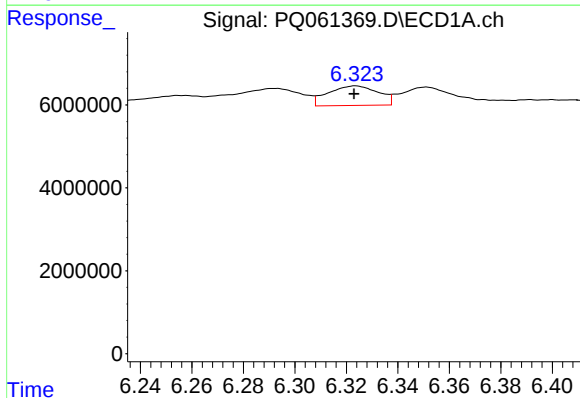
R.T.: 6.065 min
Delta R.T.: 0.001 min
Response: 5197198
Conc: 23.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



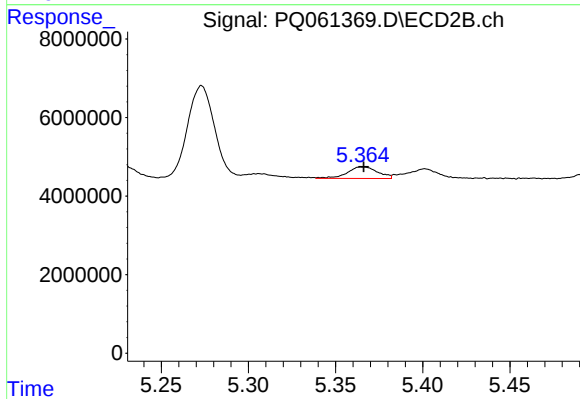
#31 AR-1260-1

R.T.: 5.179 min
Delta R.T.: 0.003 min
Response: 18974382
Conc: 110.31 ng/ml



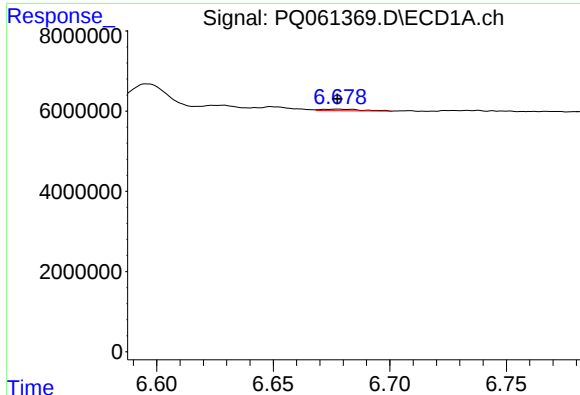
#32 AR-1260-2

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 6389881
Conc: 24.02 ng/ml



#32 AR-1260-2

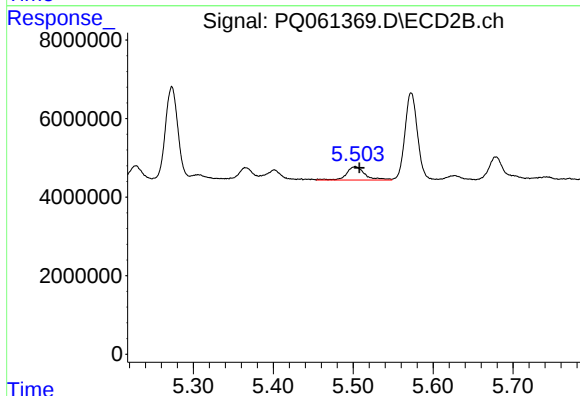
R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 3609752
Conc: 17.42 ng/ml



#33 AR-1260-3

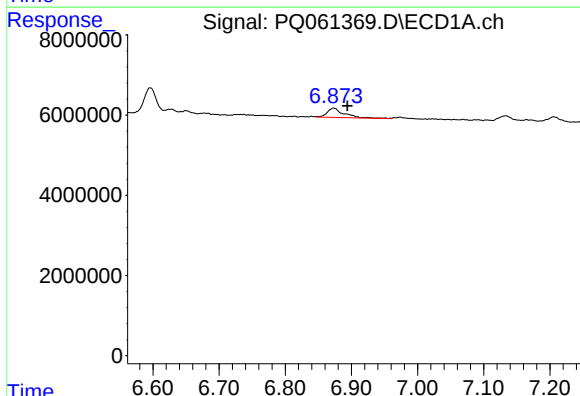
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 498004
Conc: 2.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



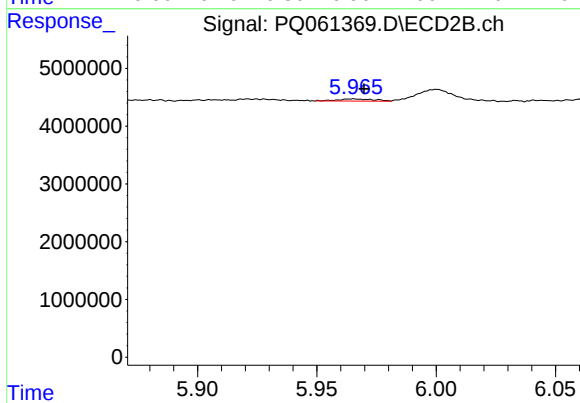
#33 AR-1260-3

R.T.: 5.503 min
Delta R.T.: -0.005 min
Response: 5510584
Conc: 27.75 ng/ml



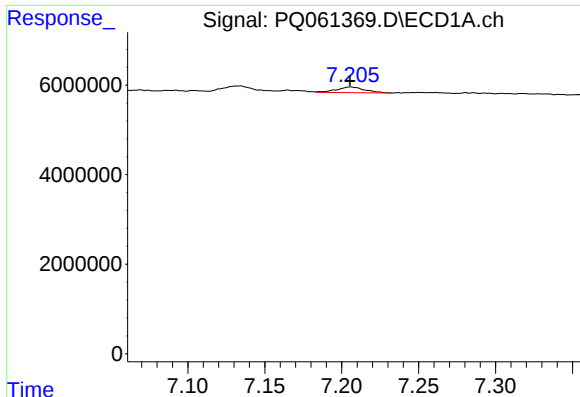
#34 AR-1260-4

R.T.: 6.873 min
Delta R.T.: -0.021 min
Response: 4172070
Conc: 20.79 ng/ml



#34 AR-1260-4

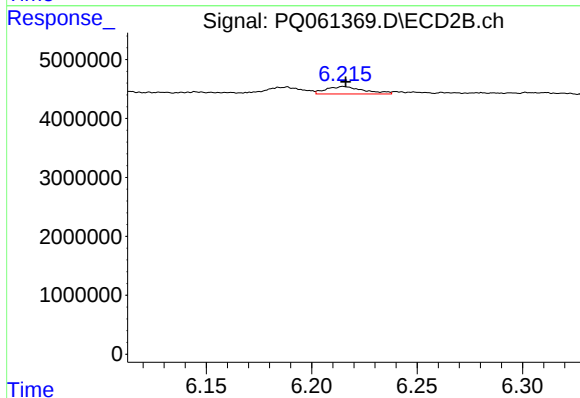
R.T.: 5.965 min
Delta R.T.: -0.004 min
Response: 395180
Conc: 2.69 ng/ml



#35 AR-1260-5

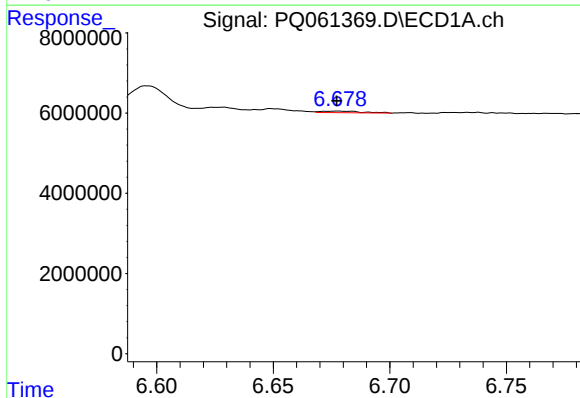
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 1636218
Conc: 4.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



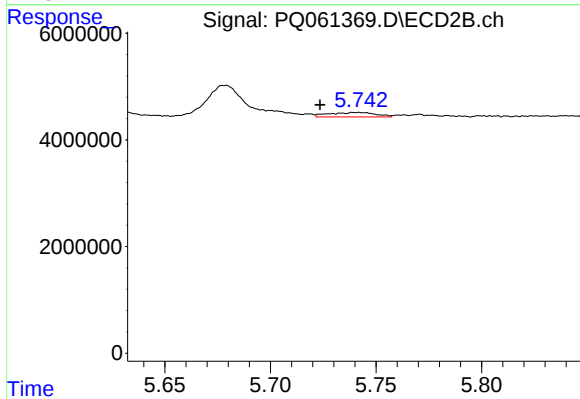
#35 AR-1260-5

R.T.: 6.215 min
Delta R.T.: 0.000 min
Response: 1570950
Conc: 4.84 ng/ml



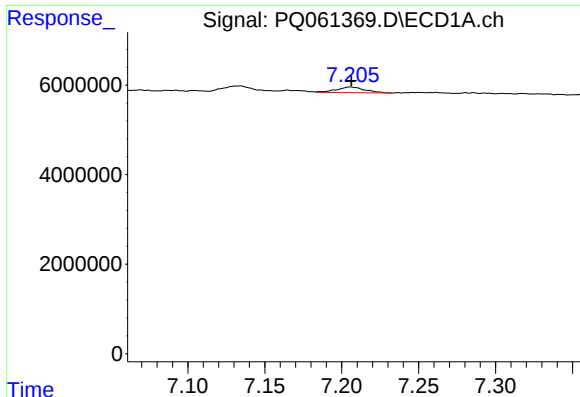
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 498004
Conc: 1.66 ng/ml



#36 AR-1262-1

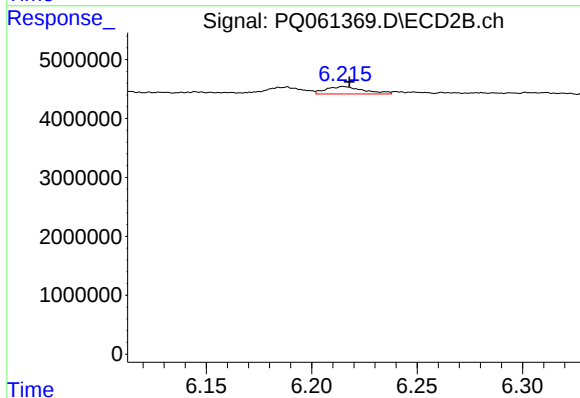
R.T.: 5.741 min
Delta R.T.: 0.017 min
Response: 1287683
Conc: 5.31 ng/ml



#37 AR-1262-2

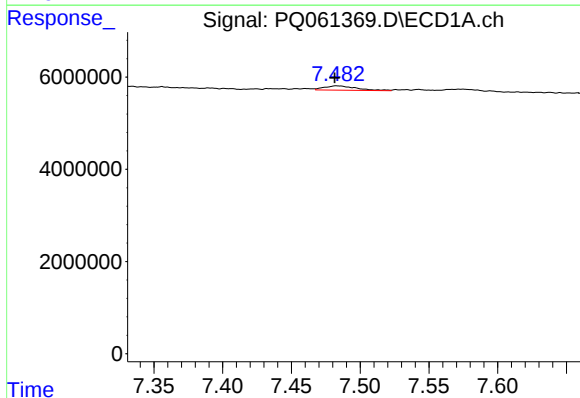
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 1636218
Conc: 3.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



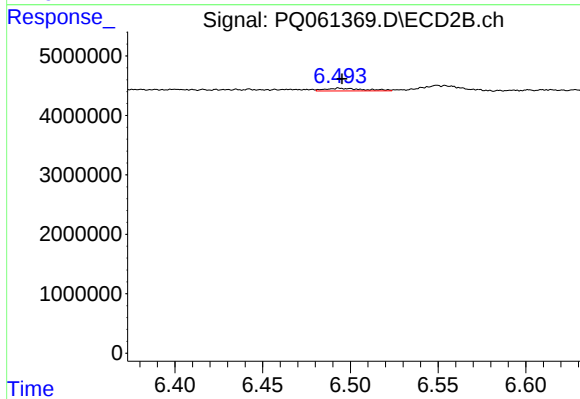
#37 AR-1262-2

R.T.: 6.215 min
Delta R.T.: -0.002 min
Response: 1570950
Conc: 3.59 ng/ml



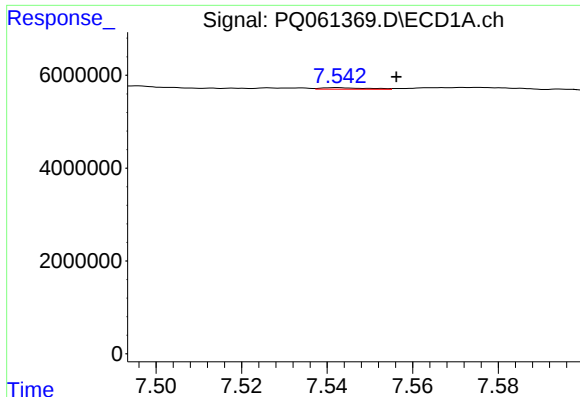
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.002 min
Response: 1490879
Conc: 4.41 ng/ml



#38 AR-1262-3

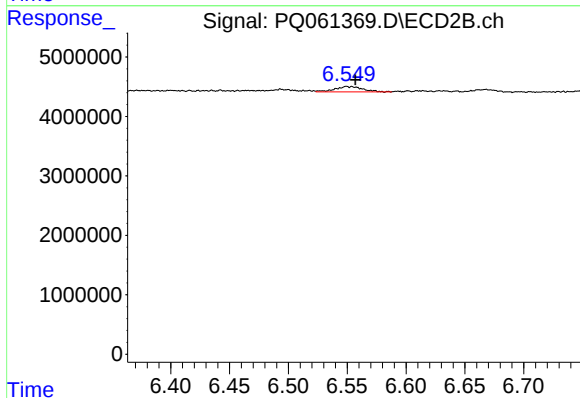
R.T.: 6.494 min
Delta R.T.: -0.002 min
Response: 713758
Conc: 3.96 ng/ml



#39 AR-1262-4

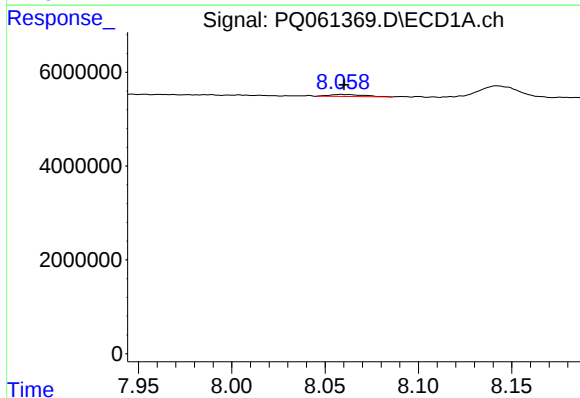
R.T.: 7.542 min
Delta R.T.: -0.014 min
Response: 239342
Conc: 0.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



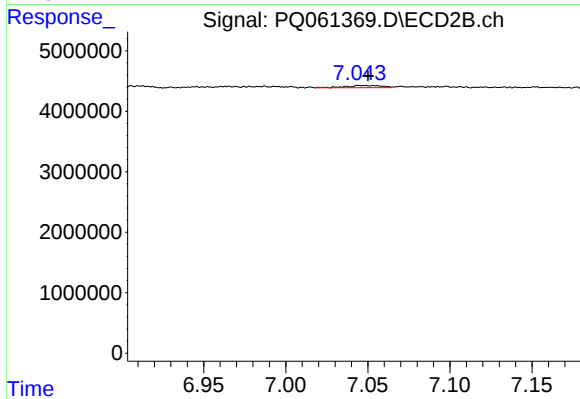
#39 AR-1262-4

R.T.: 6.549 min
Delta R.T.: -0.008 min
Response: 1498789
Conc: 4.52 ng/ml



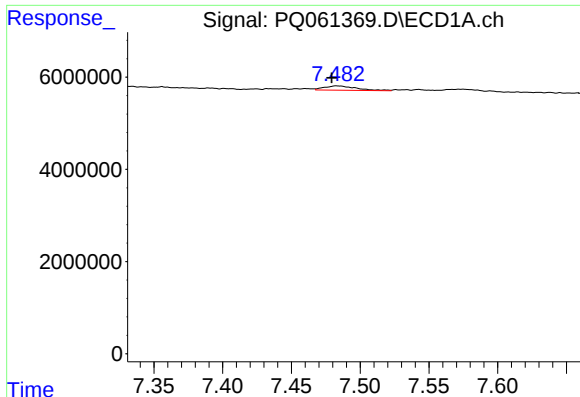
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: -0.001 min
Response: 581313
Conc: 3.41 ng/ml



#40 AR-1262-5

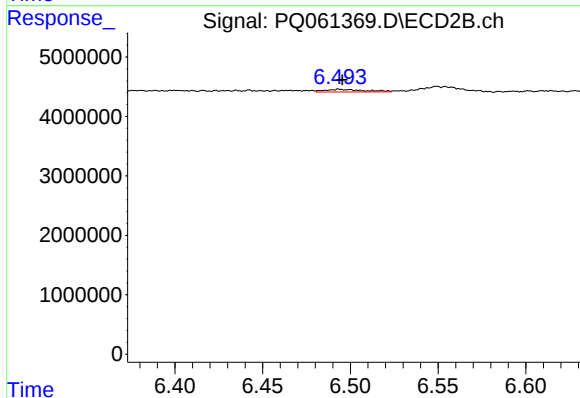
R.T.: 7.045 min
Delta R.T.: -0.005 min
Response: 564662
Conc: 3.52 ng/ml



#41 AR-1268-1

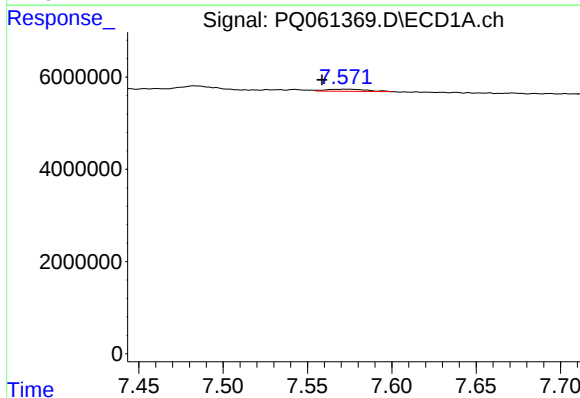
R.T.: 7.483 min
Delta R.T.: 0.004 min
Response: 1490879
Conc: 2.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



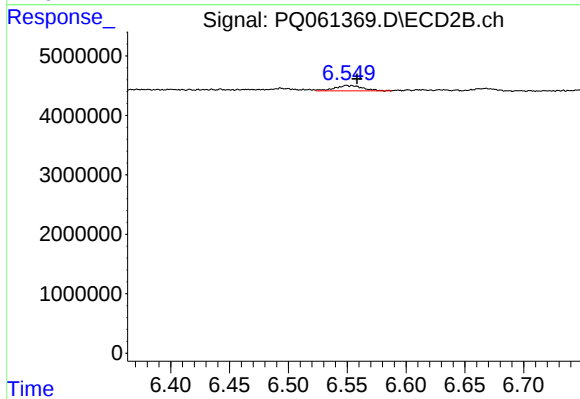
#41 AR-1268-1

R.T.: 6.494 min
Delta R.T.: -0.002 min
Response: 713758
Conc: 1.45 ng/ml



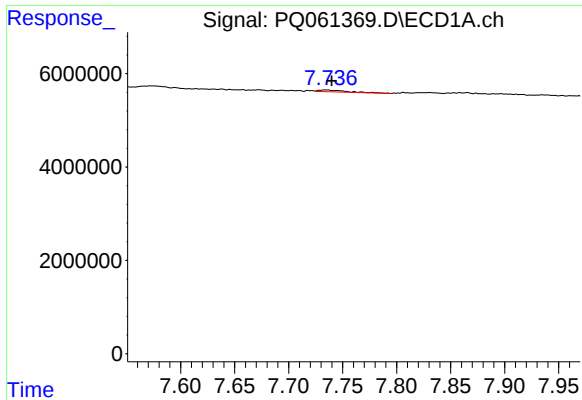
#42 AR-1268-2

R.T.: 7.573 min
Delta R.T.: 0.015 min
Response: 757960
Conc: 1.54 ng/ml



#42 AR-1268-2

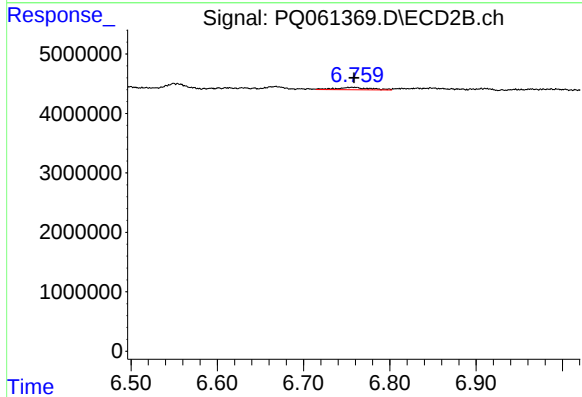
R.T.: 6.549 min
Delta R.T.: -0.009 min
Response: 1498789
Conc: 3.37 ng/ml



#43 AR-1268-3

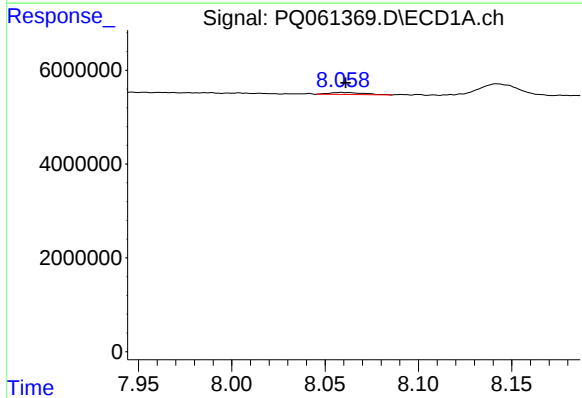
R.T.: 7.735 min
Delta R.T.: -0.005 min
Response: 675164
Conc: 1.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



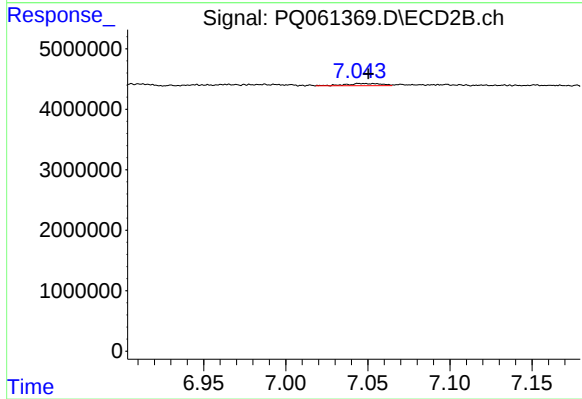
#43 AR-1268-3

R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 1122506
Conc: 2.87 ng/ml



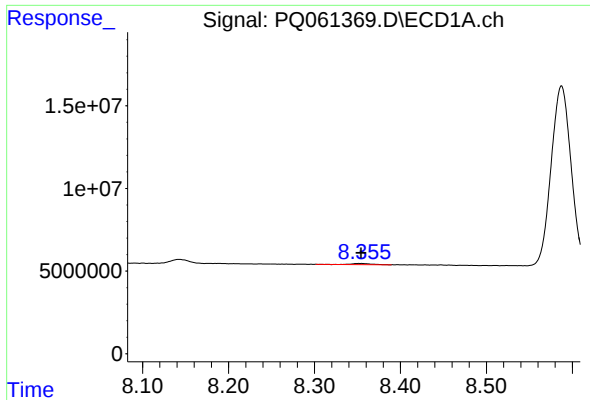
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: -0.002 min
Response: 581313
Conc: 3.28 ng/ml



#44 AR-1268-4

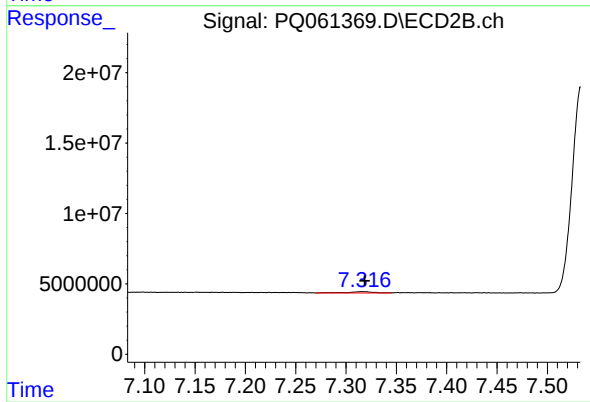
R.T.: 7.045 min
Delta R.T.: -0.005 min
Response: 564662
Conc: 3.36 ng/ml



#45 AR-1268-5

R.T.: 8.354 min
Delta R.T.: 0.000 min
Response: 994500
Conc: 0.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: -0.001 min
Response: 1683505
Conc: 1.36 ng/ml