

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061523\
 Data File : PQ061439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jun 2023 12:21
 Operator : YP\AJ
 Sample : 03169-02RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 15 20:40:07 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	2.761	33732132	23164879	7.504	8.675
2)	SA Decachlor...	8.584	7.533	19210563	15809538	5.703	4.710
Target Compounds							
3)	L1 AR-1016-1	4.504	3.760	-2811635	3199082	N.D.	31.016 #
4)	L1 AR-1016-2	4.524	3.778	937555	2030892	4.109	13.632 #
5)	L1 AR-1016-3	4.585	3.924	7106054	637460	50.007	8.066 #
6)	L1 AR-1016-4	4.675	4.002	1123989	8724537	9.762	122.868 #
7)	L1 AR-1016-5	4.960	4.195	3510719	4142200	30.377	48.382 #
8)	L2 AR-1221-1	3.590	2.967	2697912	376138	48.082	10.564 #
9)	L2 AR-1221-2	3.682	3.041	2120515	2072275	50.249	75.239 #
10)	L2 AR-1221-3	3.756	3.106	3186723	2019477	24.311	23.831
11)	L3 AR-1232-1	3.756	3.106	3186723	2019477	33.338	32.793
12)	L3 AR-1232-2	4.245	3.778	4088537	2030892	74.424	29.477 #
13)	L3 AR-1232-3	4.524	3.924	937555	637460	8.975	17.629 #
14)	L3 AR-1232-4	4.675	4.024	1123989	1953645	21.184	60.614 #
15)	L3 AR-1232-5	4.781	4.195	10056558	4142200	266.664	108.083 #
16)	L4 AR-1242-1	4.504	3.760	-2811635	3199082	N.D.	41.769 #
17)	L4 AR-1242-2	4.524	3.778	937555	2030892	5.522	18.325 #
18)	L4 AR-1242-3	4.585	3.924	7106054	637460	66.424	10.771 #
19)	L4 AR-1242-4	4.675	4.024	1123989	1953645	12.951	32.623 #
20)	L4 AR-1242-5	5.374	4.519	12481110	6661949	140.730	83.202 #
21)	L5 AR-1248-1	4.504	3.760	-2811635	3199082	N.D.	51.403 #
22)	L5 AR-1248-2	4.781	4.002	10056558	8724537	79.107	90.264
23)	L5 AR-1248-3	4.960	4.024	3510719	1953645	22.791	21.372
24)	L5 AR-1248-4	5.374	4.195	12481110	4142200	73.527	36.582 #
25)	L5 AR-1248-5	5.374	4.556	12481110	4183459	76.184	37.985 #
26)	L6 AR-1254-1	5.327	4.519	8455592	6661949	49.505	40.511
27)	L6 AR-1254-2	5.545	4.666	19519960	8917695	73.003	59.291
28)	L6 AR-1254-3	5.898	5.047	10668811	7224538	38.179	31.047
29)	L6 AR-1254-4	6.183	5.273	7611896	4524791	37.188	31.494
30)	L6 AR-1254-5	6.594	5.679	22638114	20168659	95.972	88.416
31)	L7 AR-1260-1	6.063	5.176	12165898	11765434	54.759	68.400
32)	L7 AR-1260-2	6.323	5.366	21430484	15383983	80.553	74.235
33)	L7 AR-1260-3	6.678	5.507	14756769	12734664	87.761	64.118 #
34)	L7 AR-1260-4	6.894	5.969	20272283	9330507	101.010	63.427 #
35)	L7 AR-1260-5	7.205	6.215	33474911	26696773	87.955	82.217
36)	L8 AR-1262-1	6.678	5.722	14756769	10029052	49.288	41.383
37)	L8 AR-1262-2	7.205	6.215	33474911	26696773	66.395	61.084
38)	L8 AR-1262-3	7.484	6.494	20826681	6609395	61.627	36.675 #
39)	L8 AR-1262-4	7.555	6.552	12463984	19405003	48.533	58.514
40)	L8 AR-1262-5	8.058	7.048	9875145	6619041	57.984	41.261 #
41)	L9 AR-1268-1	7.484	6.494	20826681	6609395	37.815	13.453 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061523\
 Data File : PQ061439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jun 2023 12:21
 Operator : YP\AJ
 Sample : 03169-02RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

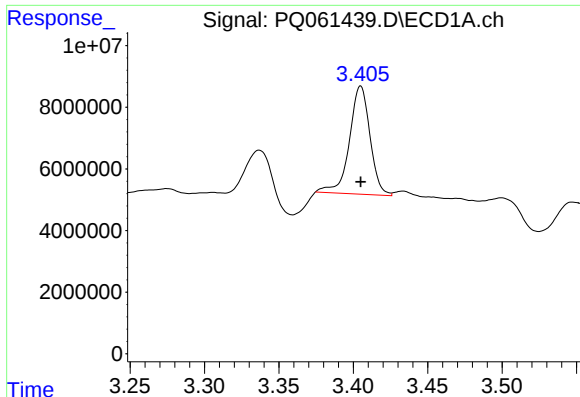
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 15 20:40:07 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	6.552	12463984	19405003	25.295	43.618 #
43) L9	AR-1268-3	7.735	6.767	822429	2369273	1.995	6.052 #
44) L9	AR-1268-4	8.058	7.048	9875145	6619041	55.789	39.427 #
45) L9	AR-1268-5	8.350	7.316	2741860	2886379	2.307	2.328

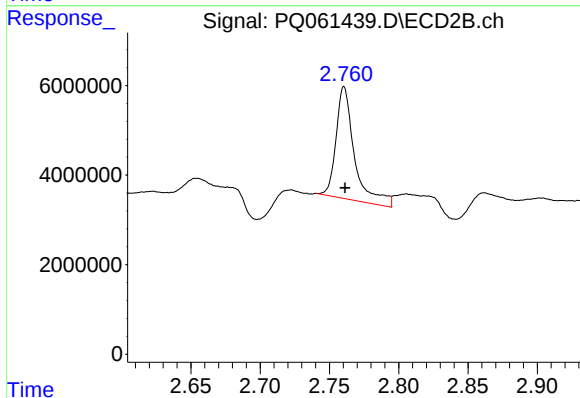
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

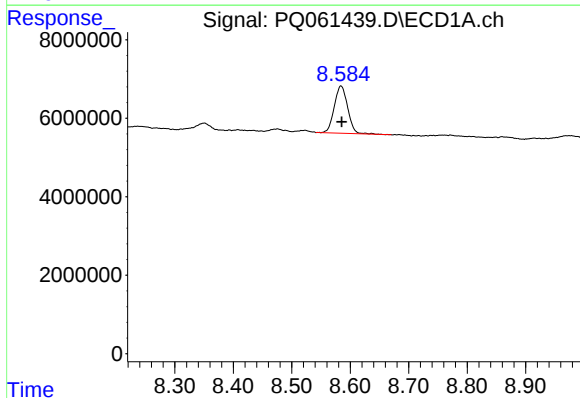
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 33732132
Conc: 7.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



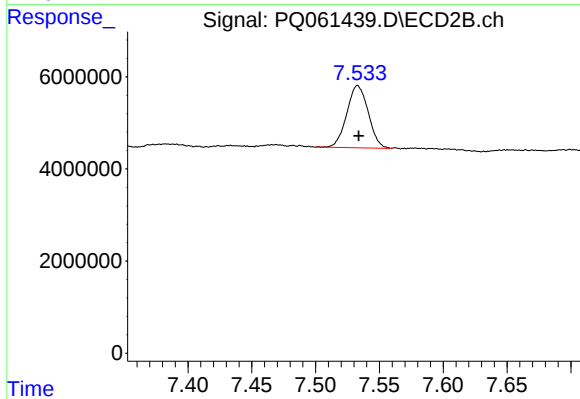
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 23164879
Conc: 8.67 ng/ml



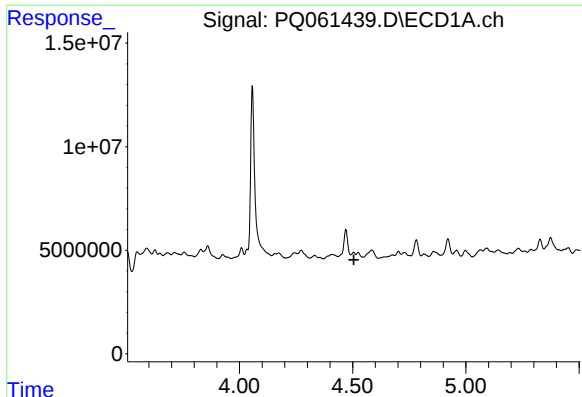
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: -0.002 min
Response: 19210563
Conc: 5.70 ng/ml



#2 Decachlorobiphenyl

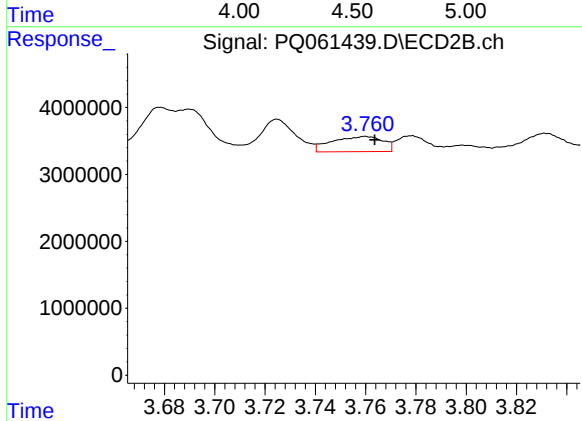
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 15809538
Conc: 4.71 ng/ml



#3 AR-1016-1

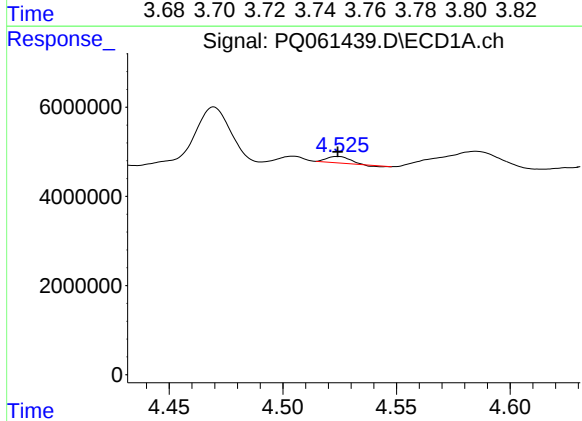
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: -2811635
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



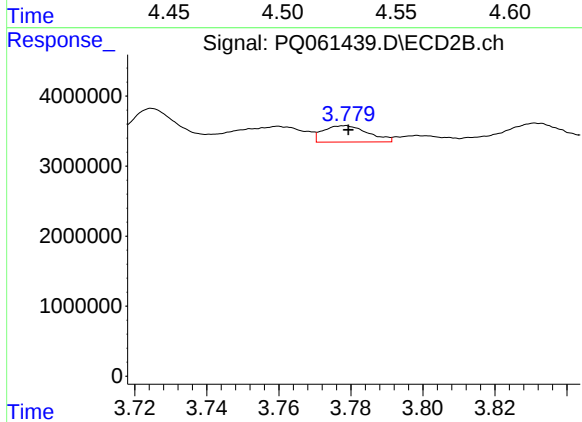
#3 AR-1016-1

R.T.: 3.760 min
Delta R.T.: -0.004 min
Response: 3199082
Conc: 31.02 ng/ml



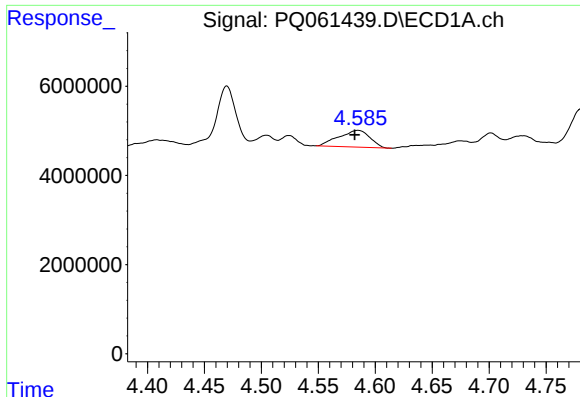
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 937555
Conc: 4.11 ng/ml



#4 AR-1016-2

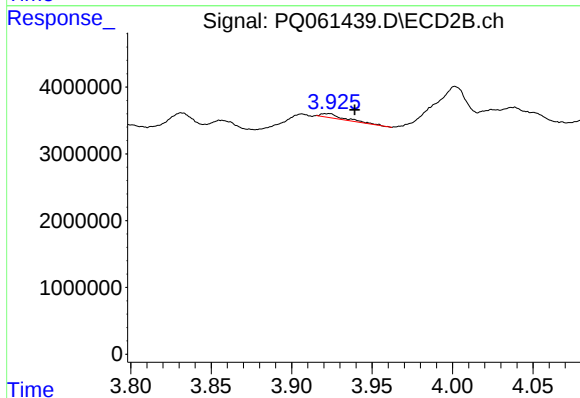
R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 2030892
Conc: 13.63 ng/ml



#5 AR-1016-3

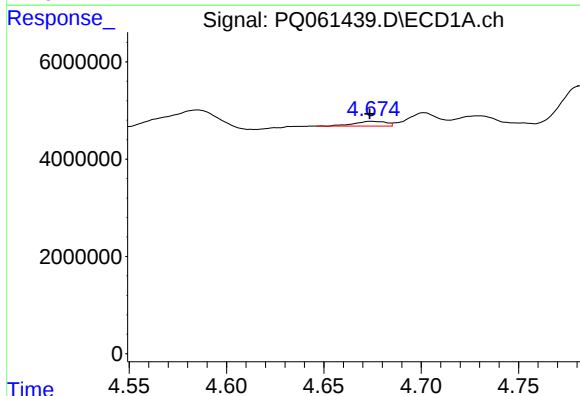
R.T.: 4.585 min
Delta R.T.: 0.003 min
Response: 7106054
Conc: 50.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



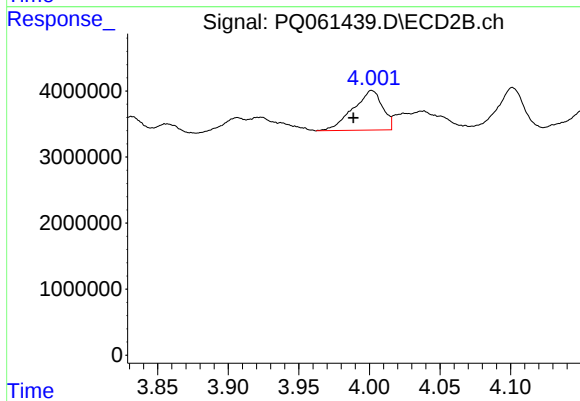
#5 AR-1016-3

R.T.: 3.924 min
Delta R.T.: -0.016 min
Response: 637460
Conc: 8.07 ng/ml



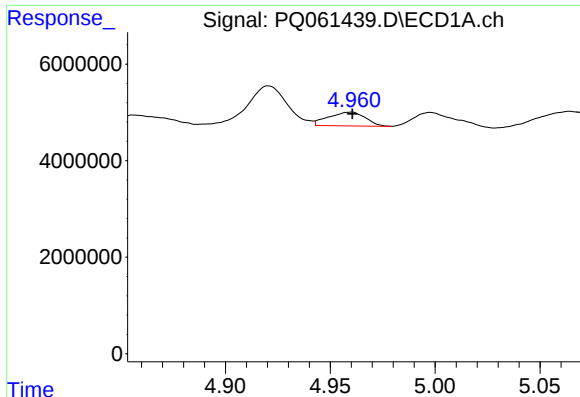
#6 AR-1016-4

R.T.: 4.675 min
Delta R.T.: 0.001 min
Response: 1123989
Conc: 9.76 ng/ml



#6 AR-1016-4

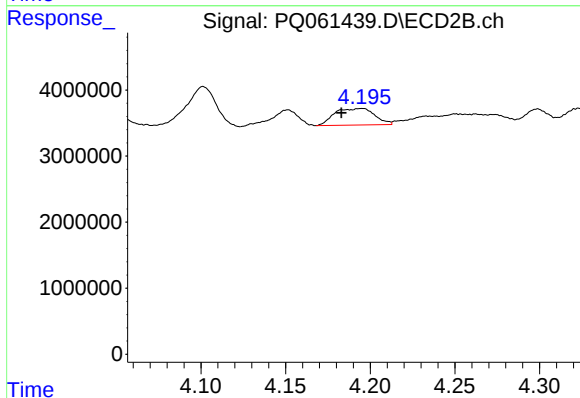
R.T.: 4.002 min
Delta R.T.: 0.013 min
Response: 8724537
Conc: 122.87 ng/ml



#7 AR-1016-5

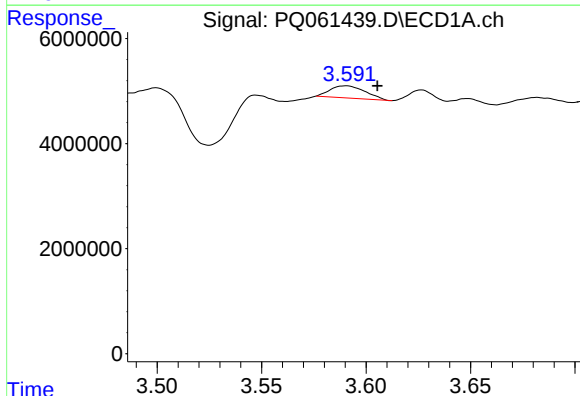
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 3510719
Conc: 30.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



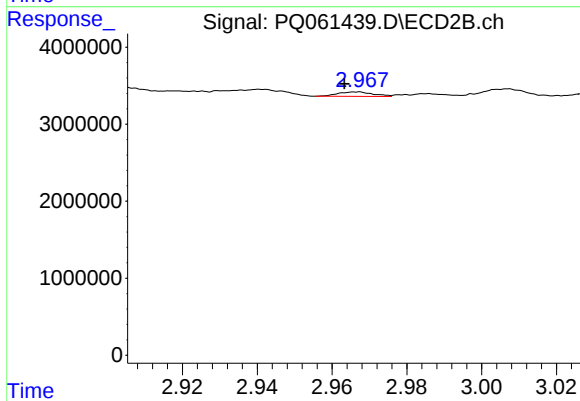
#7 AR-1016-5

R.T.: 4.195 min
Delta R.T.: 0.012 min
Response: 4142200
Conc: 48.38 ng/ml



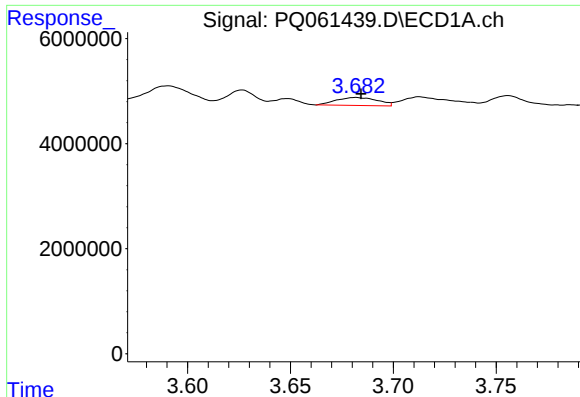
#8 AR-1221-1

R.T.: 3.590 min
Delta R.T.: -0.015 min
Response: 2697912
Conc: 48.08 ng/ml



#8 AR-1221-1

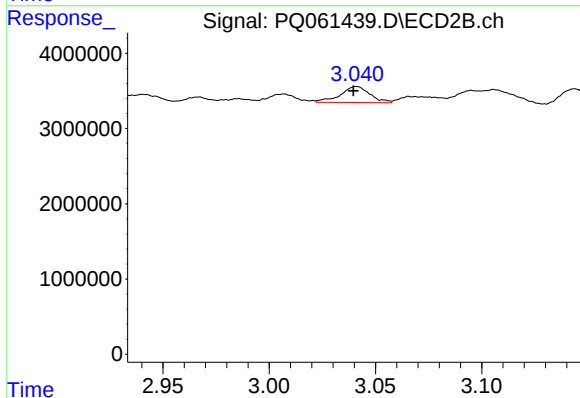
R.T.: 2.967 min
Delta R.T.: 0.004 min
Response: 376138
Conc: 10.56 ng/ml



#9 AR-1221-2

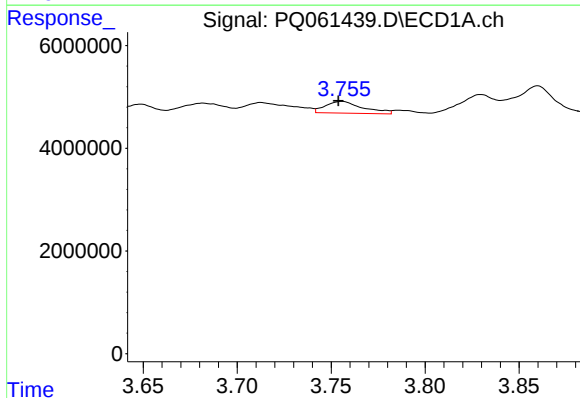
R.T.: 3.682 min
Delta R.T.: -0.003 min
Response: 2120515
Conc: 50.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



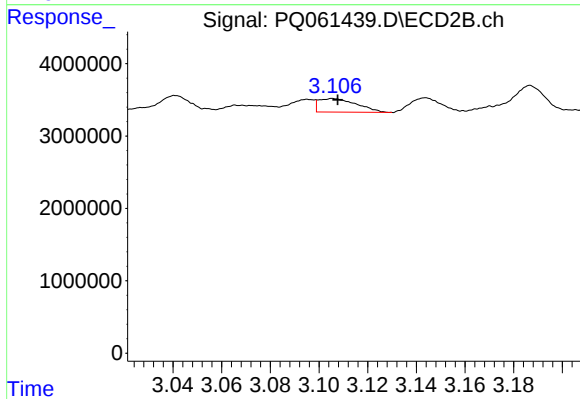
#9 AR-1221-2

R.T.: 3.041 min
Delta R.T.: 0.001 min
Response: 2072275
Conc: 75.24 ng/ml



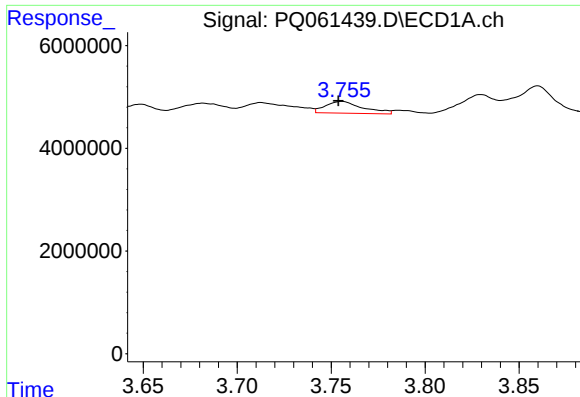
#10 AR-1221-3

R.T.: 3.756 min
Delta R.T.: 0.002 min
Response: 3186723
Conc: 24.31 ng/ml



#10 AR-1221-3

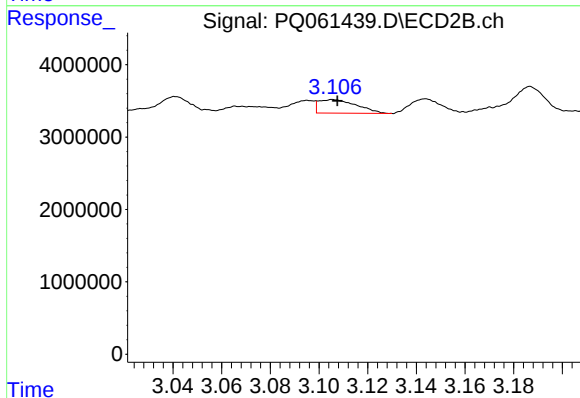
R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 2019477
Conc: 23.83 ng/ml



#11 AR-1232-1

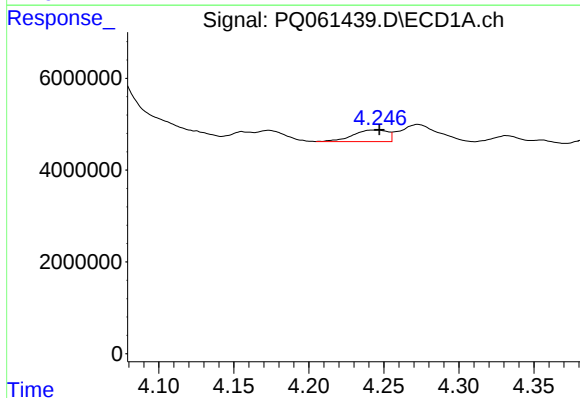
R.T.: 3.756 min
Delta R.T.: 0.002 min
Response: 3186723
Conc: 33.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



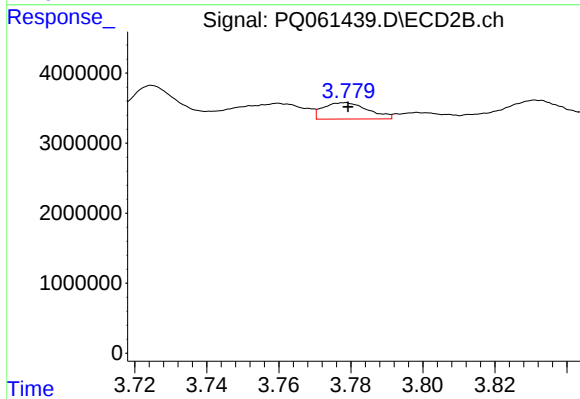
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 2019477
Conc: 32.79 ng/ml



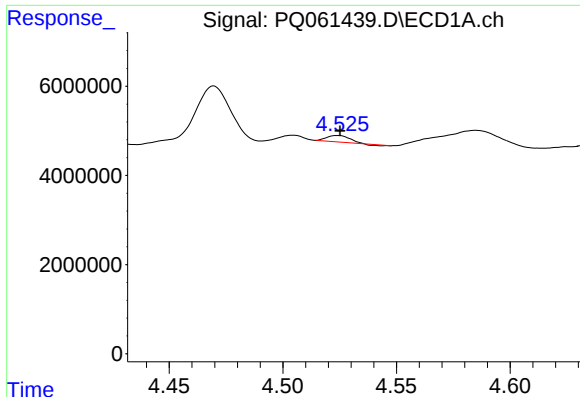
#12 AR-1232-2

R.T.: 4.245 min
Delta R.T.: -0.002 min
Response: 4088537
Conc: 74.42 ng/ml



#12 AR-1232-2

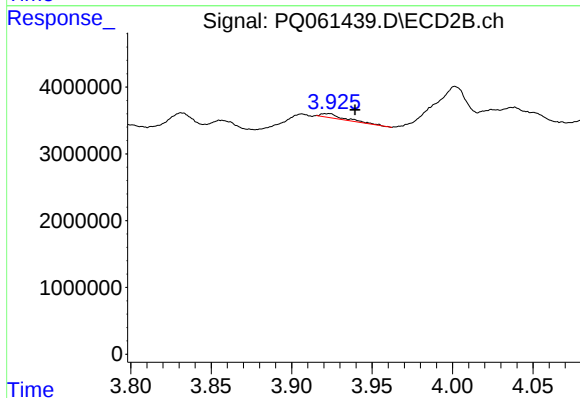
R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 2030892
Conc: 29.48 ng/ml



#13 AR-1232-3

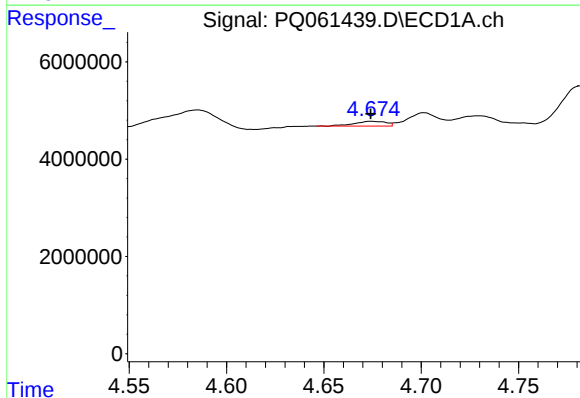
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 937555
Conc: 8.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



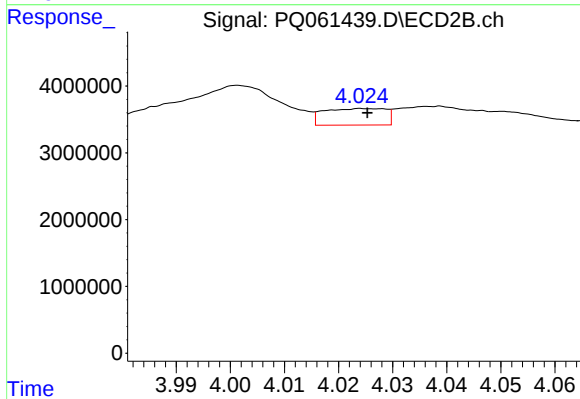
#13 AR-1232-3

R.T.: 3.924 min
Delta R.T.: -0.016 min
Response: 637460
Conc: 17.63 ng/ml



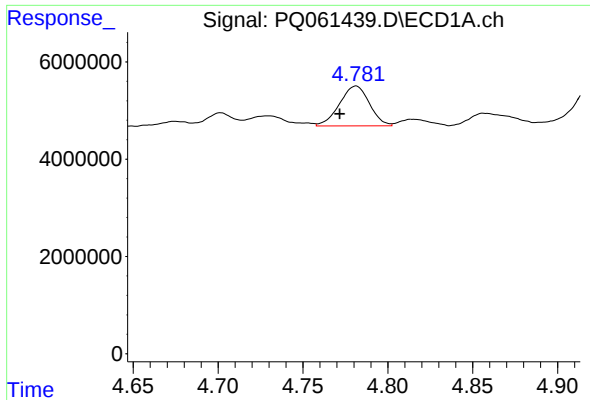
#14 AR-1232-4

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 1123989
Conc: 21.18 ng/ml



#14 AR-1232-4

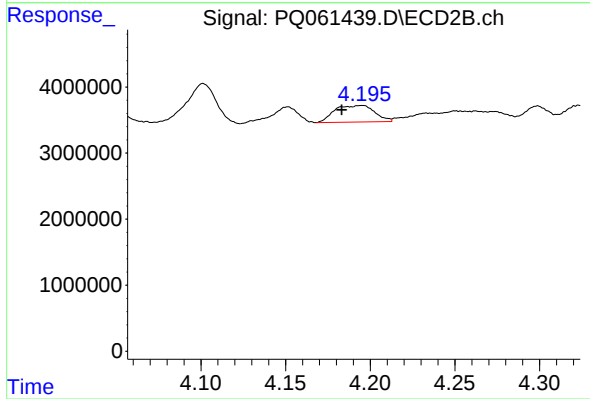
R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 1953645
Conc: 60.61 ng/ml



#15 AR-1232-5

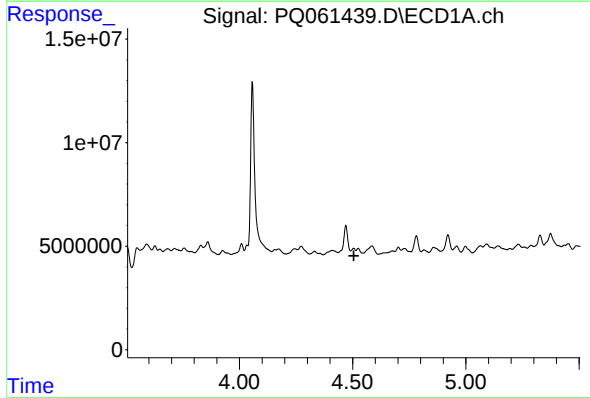
R.T.: 4.781 min
Delta R.T.: 0.010 min
Response: 10056558
Conc: 266.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



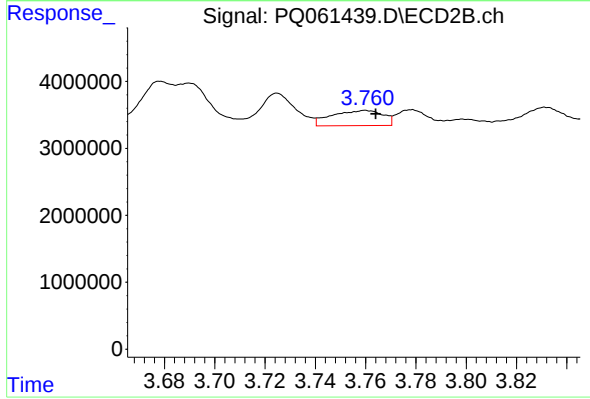
#15 AR-1232-5

R.T.: 4.195 min
Delta R.T.: 0.012 min
Response: 4142200
Conc: 108.08 ng/ml



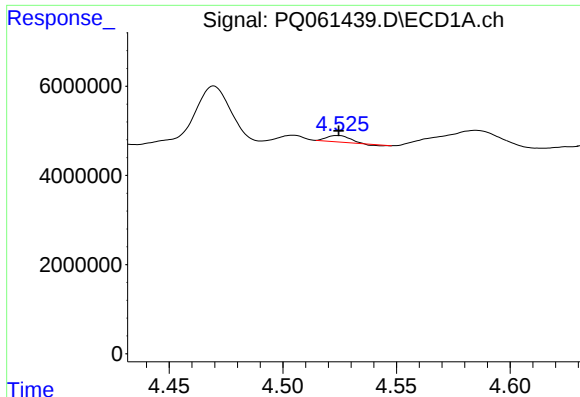
#16 AR-1242-1

R.T.: 4.504 min
Delta R.T.: -0.001 min
Response: -2811635
Conc: N.D.



#16 AR-1242-1

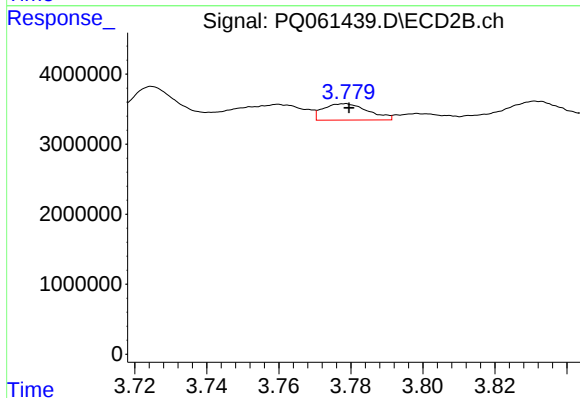
R.T.: 3.760 min
Delta R.T.: -0.004 min
Response: 3199082
Conc: 41.77 ng/ml



#17 AR-1242-2

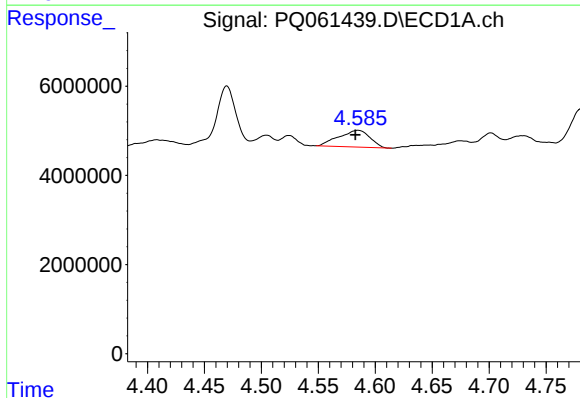
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 937555
Conc: 5.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



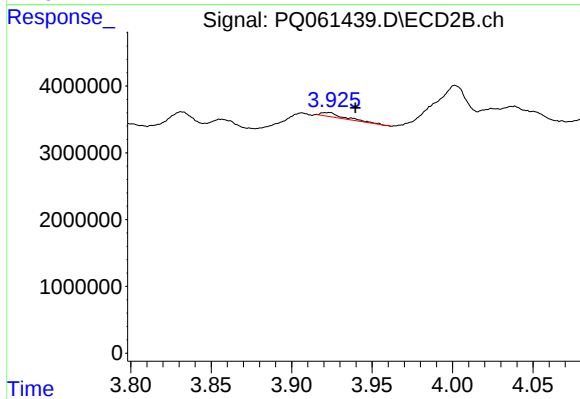
#17 AR-1242-2

R.T.: 3.778 min
Delta R.T.: -0.001 min
Response: 2030892
Conc: 18.33 ng/ml



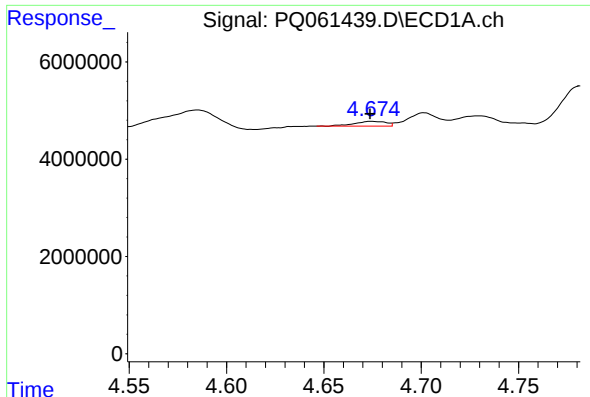
#18 AR-1242-3

R.T.: 4.585 min
Delta R.T.: 0.003 min
Response: 7106054
Conc: 66.42 ng/ml



#18 AR-1242-3

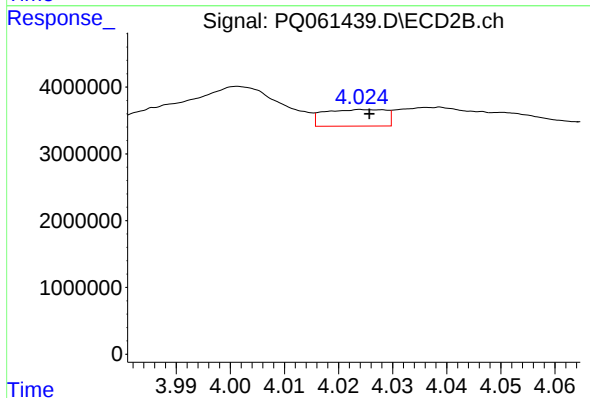
R.T.: 3.924 min
Delta R.T.: -0.016 min
Response: 637460
Conc: 10.77 ng/ml



#19 AR-1242-4

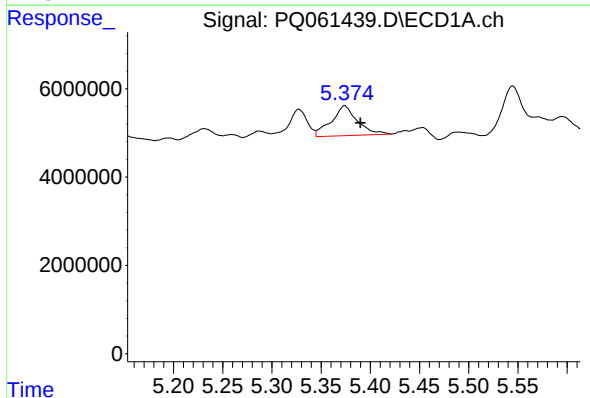
R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 1123989
Conc: 12.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



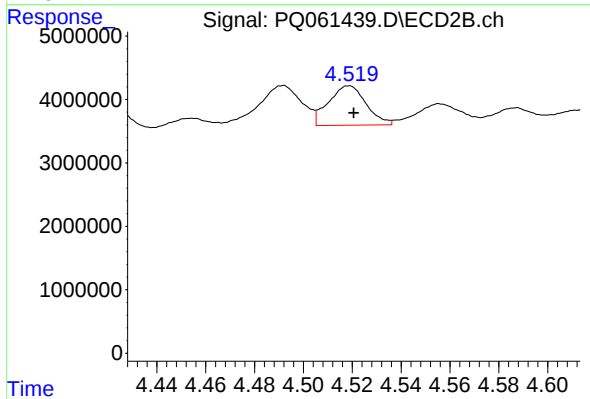
#19 AR-1242-4

R.T.: 4.024 min
Delta R.T.: -0.001 min
Response: 1953645
Conc: 32.62 ng/ml



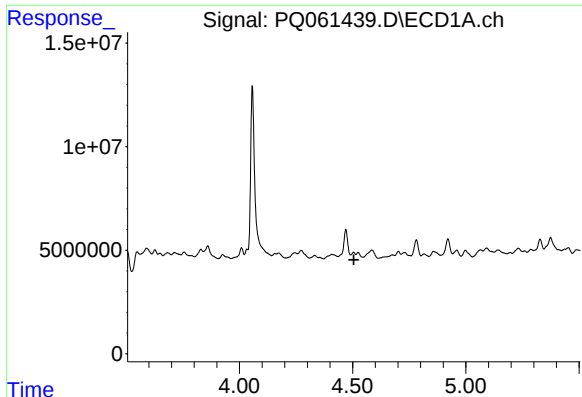
#20 AR-1242-5

R.T.: 5.374 min
Delta R.T.: -0.016 min
Response: 12481110
Conc: 140.73 ng/ml



#20 AR-1242-5

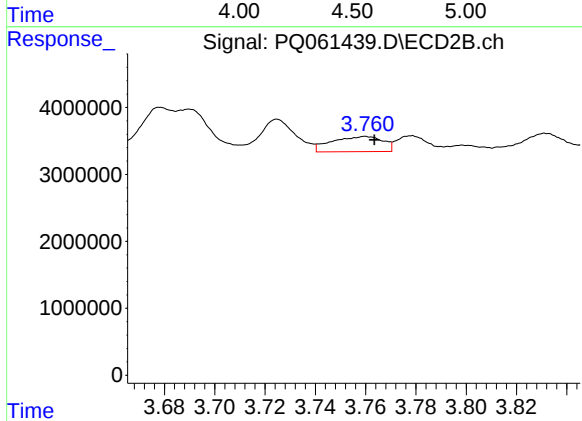
R.T.: 4.519 min
Delta R.T.: -0.002 min
Response: 6661949
Conc: 83.20 ng/ml



#21 AR-1248-1

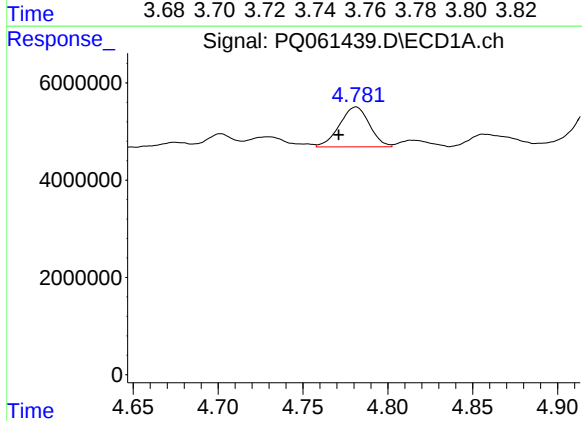
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: -2811635
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



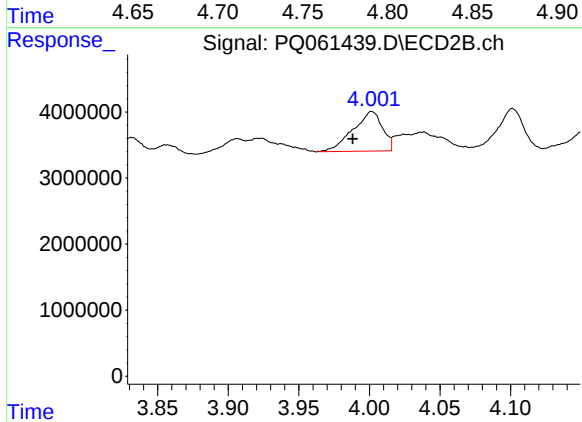
#21 AR-1248-1

R.T.: 3.760 min
Delta R.T.: -0.004 min
Response: 3199082
Conc: 51.40 ng/ml



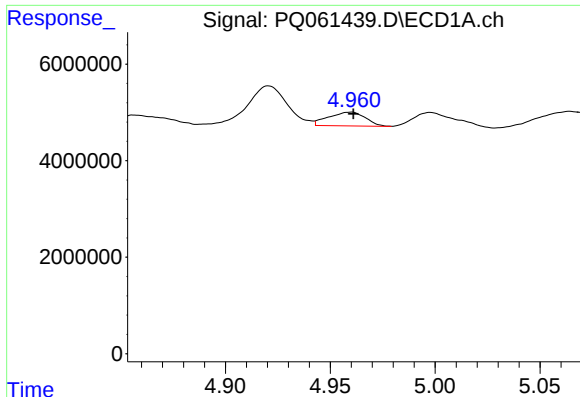
#22 AR-1248-2

R.T.: 4.781 min
Delta R.T.: 0.010 min
Response: 10056558
Conc: 79.11 ng/ml



#22 AR-1248-2

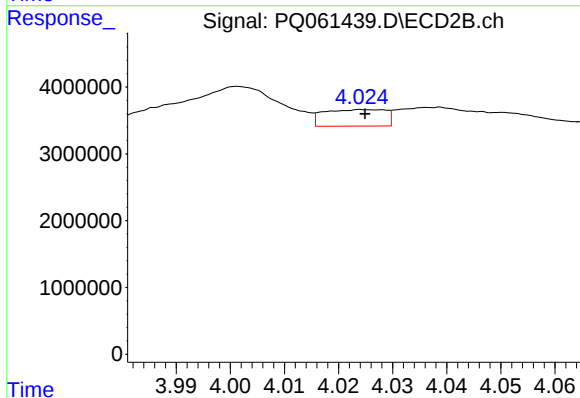
R.T.: 4.002 min
Delta R.T.: 0.013 min
Response: 8724537
Conc: 90.26 ng/ml



#23 AR-1248-3

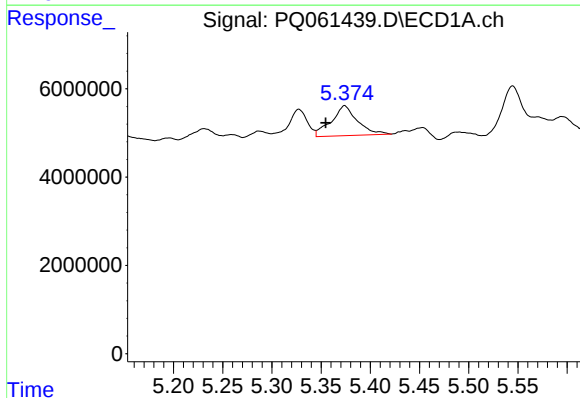
R.T.: 4.960 min
Delta R.T.: -0.002 min
Response: 3510719
Conc: 22.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



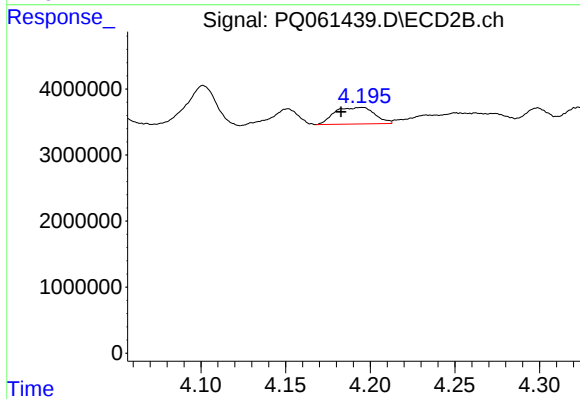
#23 AR-1248-3

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 1953645
Conc: 21.37 ng/ml



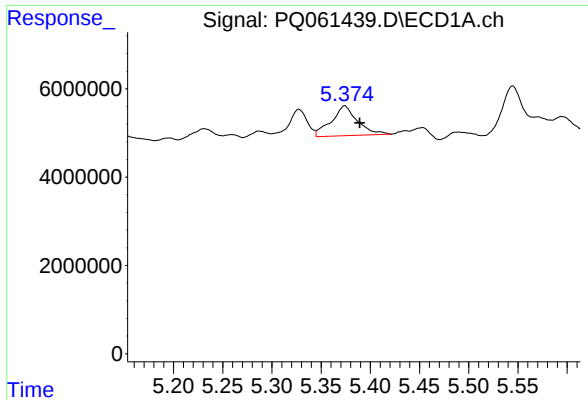
#24 AR-1248-4

R.T.: 5.374 min
Delta R.T.: 0.019 min
Response: 12481110
Conc: 73.53 ng/ml



#24 AR-1248-4

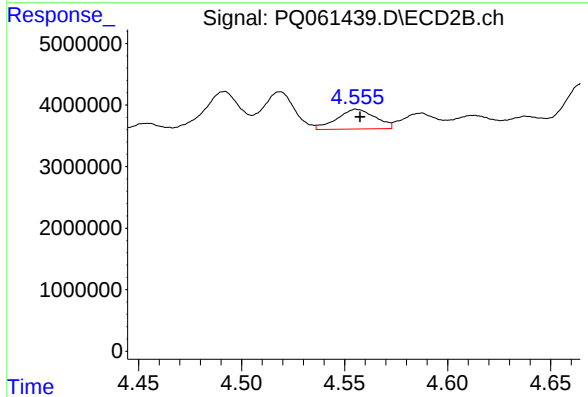
R.T.: 4.195 min
Delta R.T.: 0.013 min
Response: 4142200
Conc: 36.58 ng/ml



#25 AR-1248-5

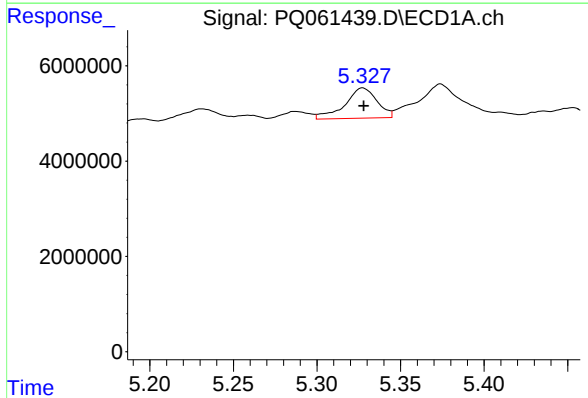
R.T.: 5.374 min
Delta R.T.: -0.015 min
Response: 12481110
Conc: 76.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



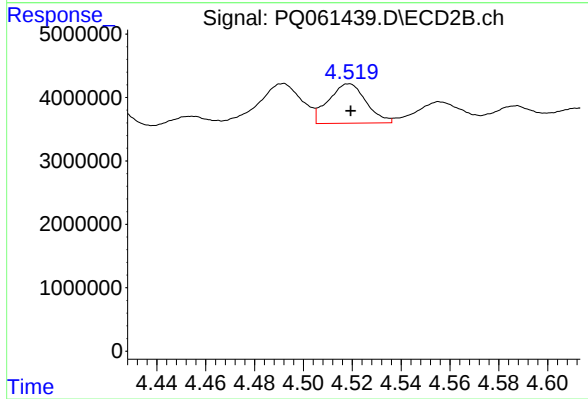
#25 AR-1248-5

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 4183459
Conc: 37.98 ng/ml



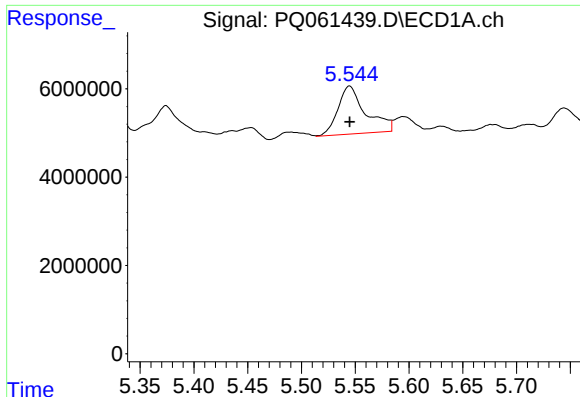
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 8455592
Conc: 49.51 ng/ml



#26 AR-1254-1

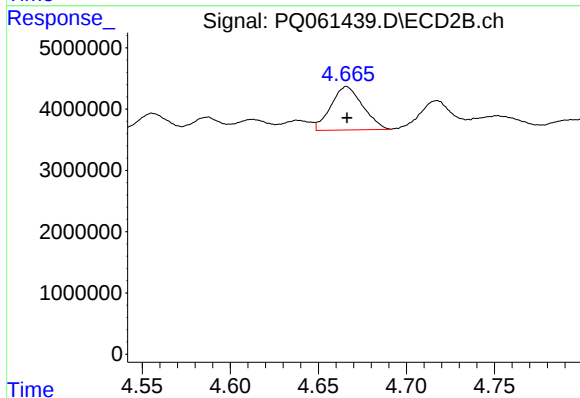
R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 6661949
Conc: 40.51 ng/ml



#27 AR-1254-2

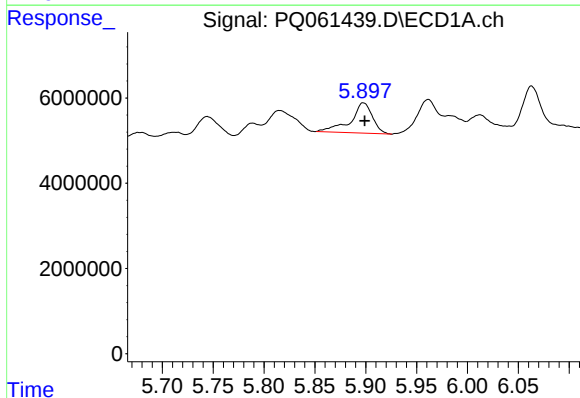
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 19519960
Conc: 73.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



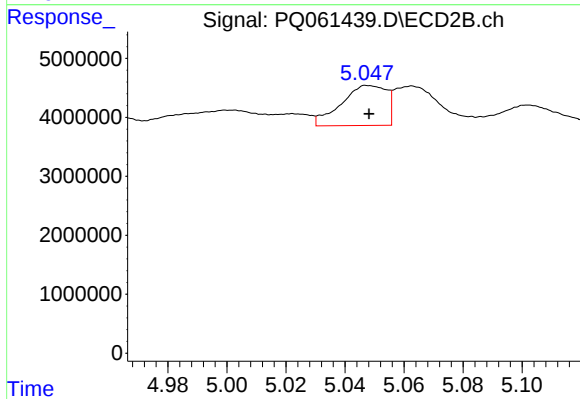
#27 AR-1254-2

R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 8917695
Conc: 59.29 ng/ml



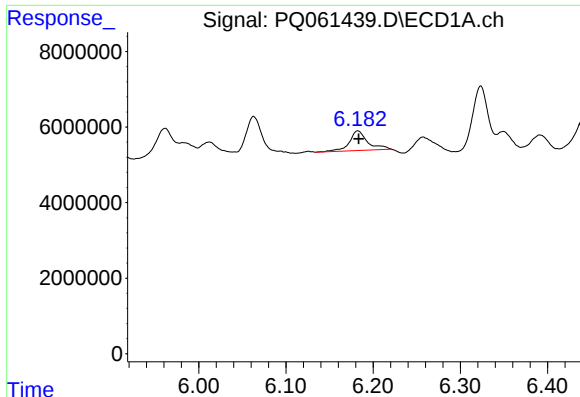
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: -0.001 min
Response: 10668811
Conc: 38.18 ng/ml



#28 AR-1254-3

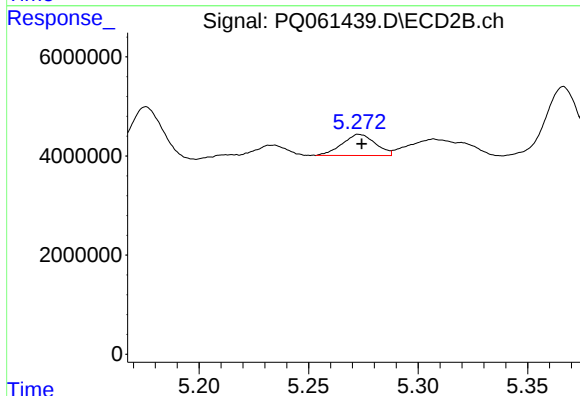
R.T.: 5.047 min
Delta R.T.: 0.000 min
Response: 7224538
Conc: 31.05 ng/ml



#29 AR-1254-4

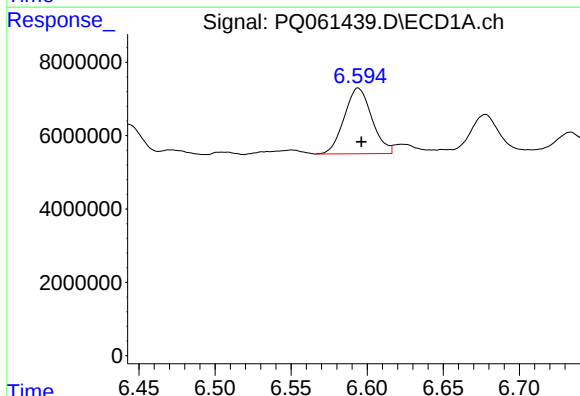
R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 7611896
Conc: 37.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



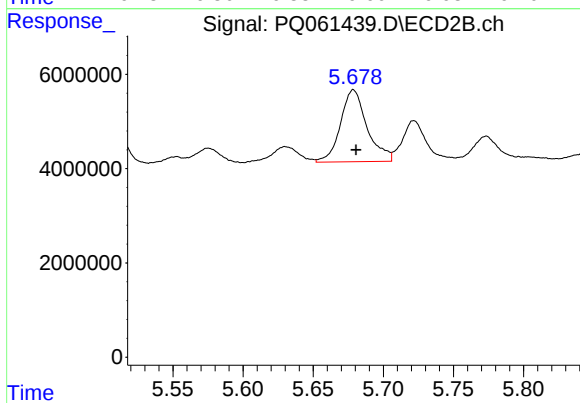
#29 AR-1254-4

R.T.: 5.273 min
Delta R.T.: -0.001 min
Response: 4524791
Conc: 31.49 ng/ml



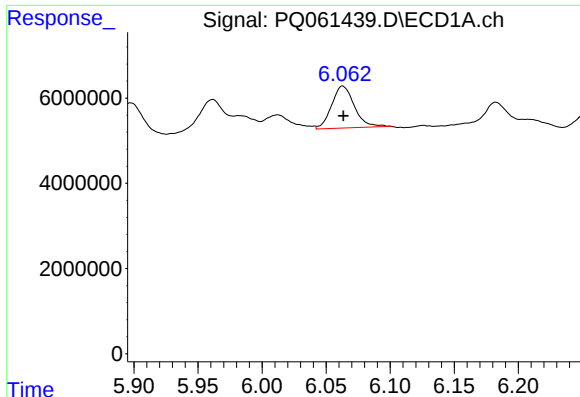
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.002 min
Response: 22638114
Conc: 95.97 ng/ml



#30 AR-1254-5

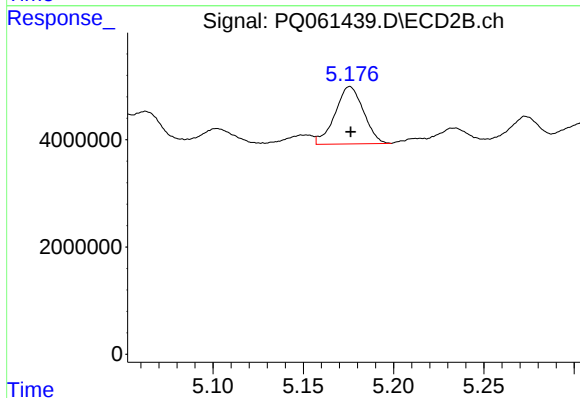
R.T.: 5.679 min
Delta R.T.: -0.002 min
Response: 20168659
Conc: 88.42 ng/ml



#31 AR-1260-1

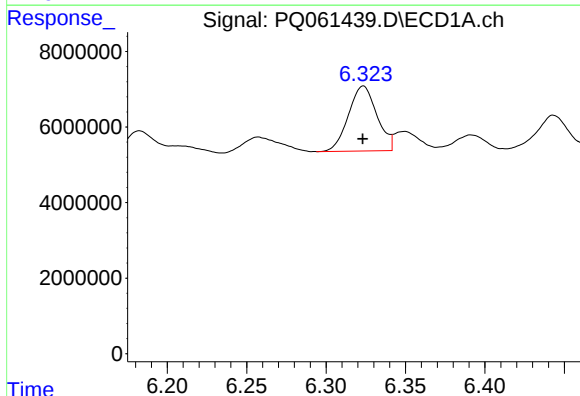
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 12165898
Conc: 54.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



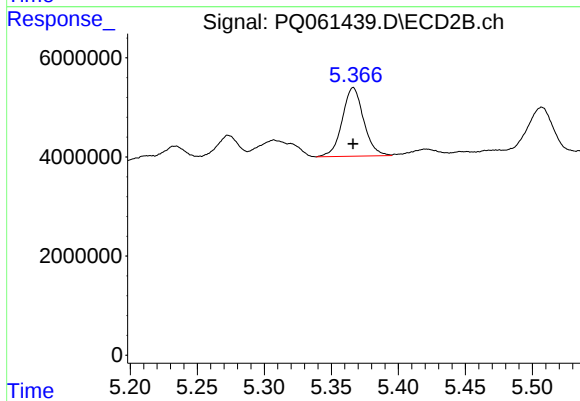
#31 AR-1260-1

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 11765434
Conc: 68.40 ng/ml



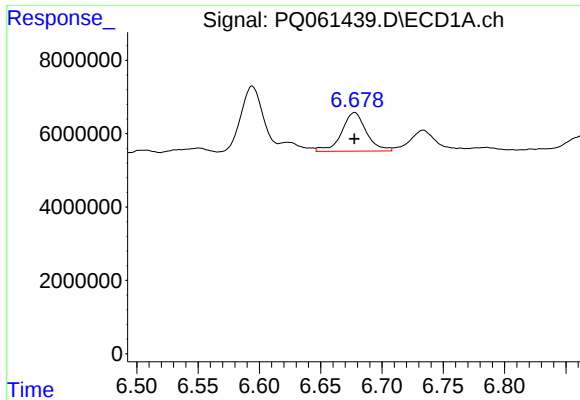
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 21430484
Conc: 80.55 ng/ml



#32 AR-1260-2

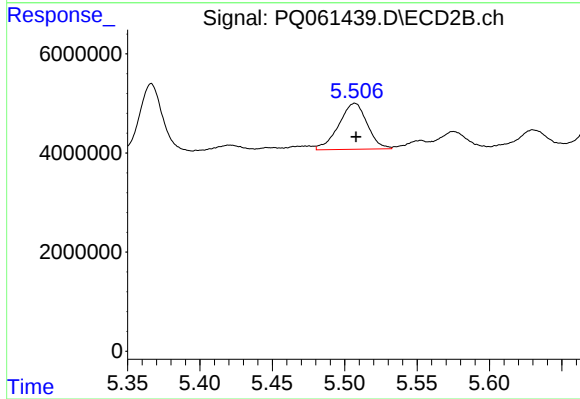
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 15383983
Conc: 74.24 ng/ml



#33 AR-1260-3

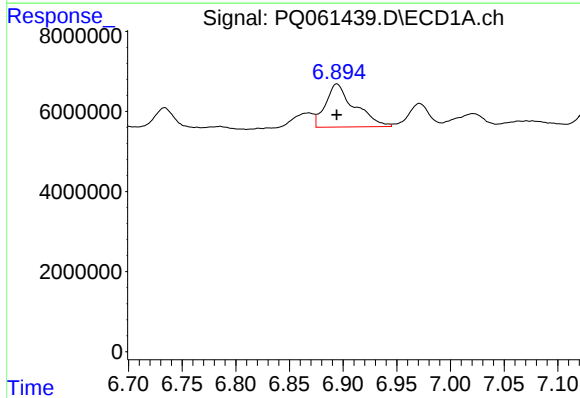
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 14756769
Conc: 87.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



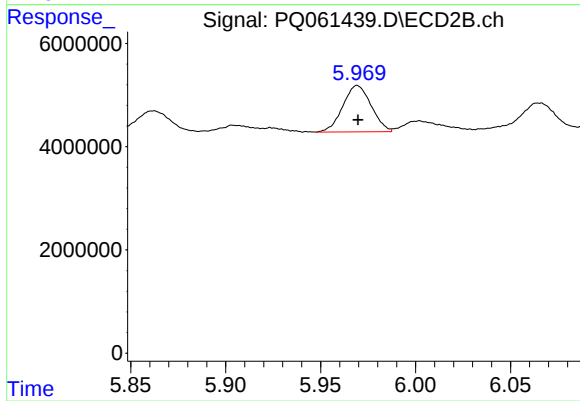
#33 AR-1260-3

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 12734664
Conc: 64.12 ng/ml



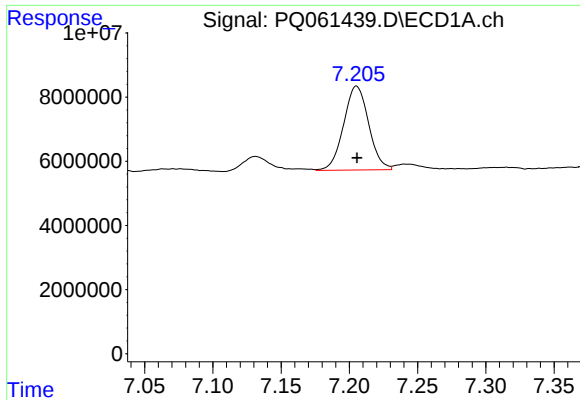
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 20272283
Conc: 101.01 ng/ml



#34 AR-1260-4

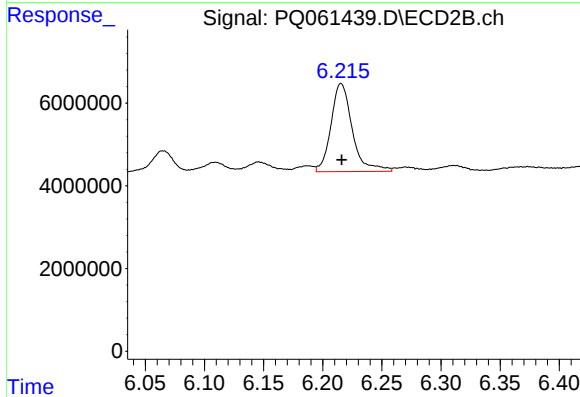
R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 9330507
Conc: 63.43 ng/ml



#35 AR-1260-5

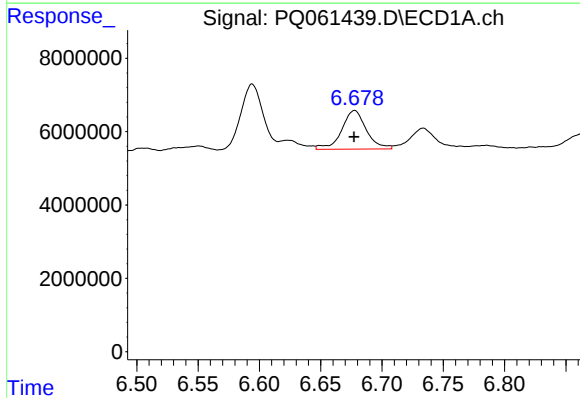
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 33474911
Conc: 87.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



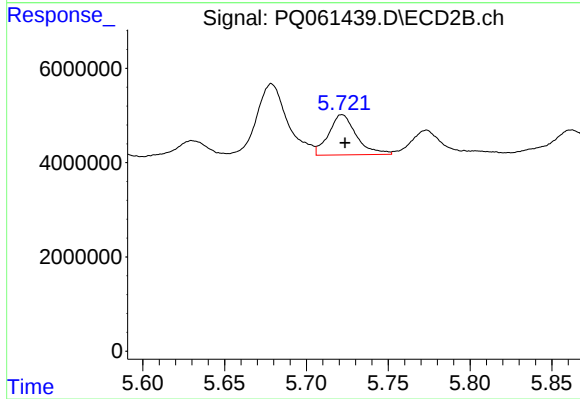
#35 AR-1260-5

R.T.: 6.215 min
Delta R.T.: 0.000 min
Response: 26696773
Conc: 82.22 ng/ml



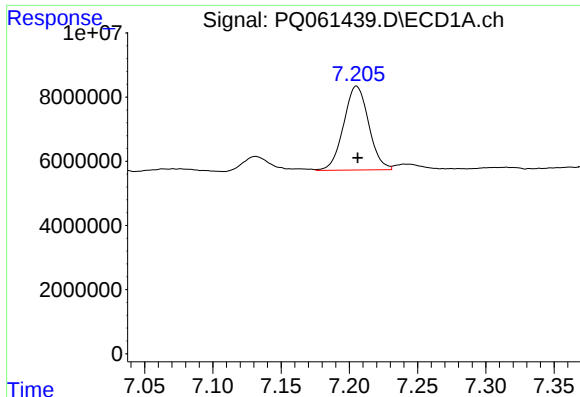
#36 AR-1262-1

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 14756769
Conc: 49.29 ng/ml



#36 AR-1262-1

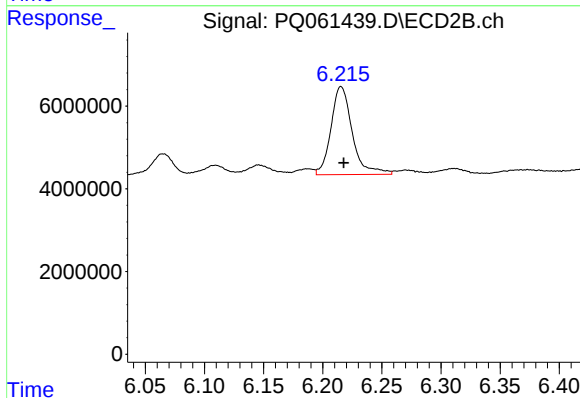
R.T.: 5.722 min
Delta R.T.: -0.002 min
Response: 10029052
Conc: 41.38 ng/ml



#37 AR-1262-2

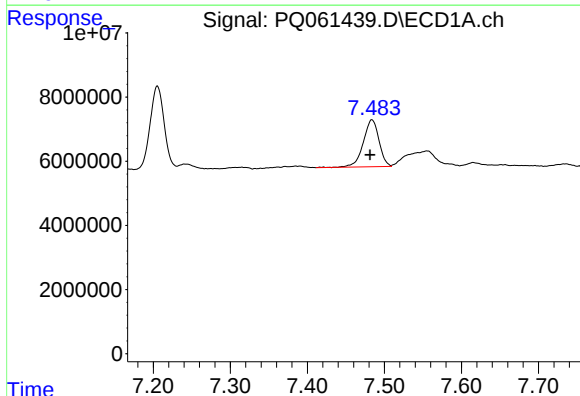
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 33474911
Conc: 66.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



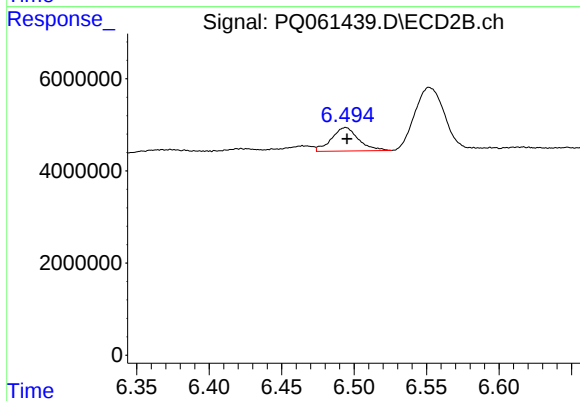
#37 AR-1262-2

R.T.: 6.215 min
Delta R.T.: -0.002 min
Response: 26696773
Conc: 61.08 ng/ml



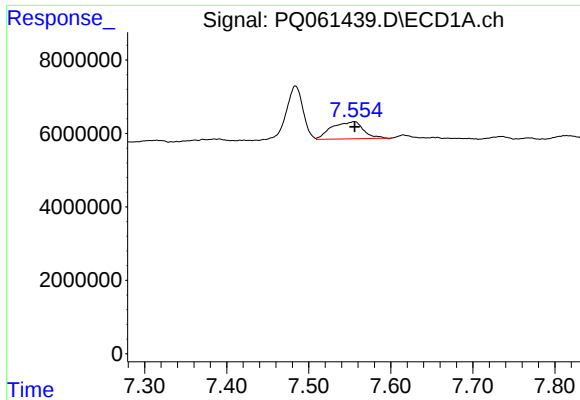
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.002 min
Response: 20826681
Conc: 61.63 ng/ml



#38 AR-1262-3

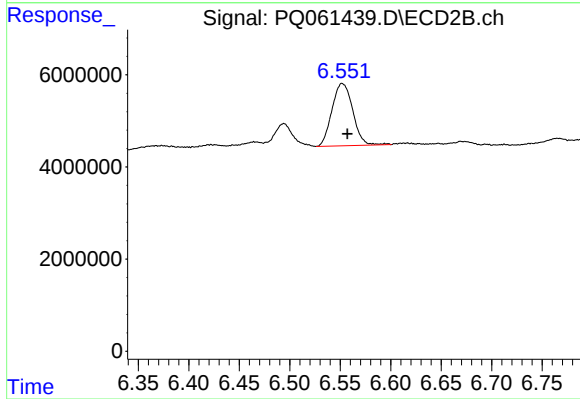
R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 6609395
Conc: 36.67 ng/ml



#39 AR-1262-4

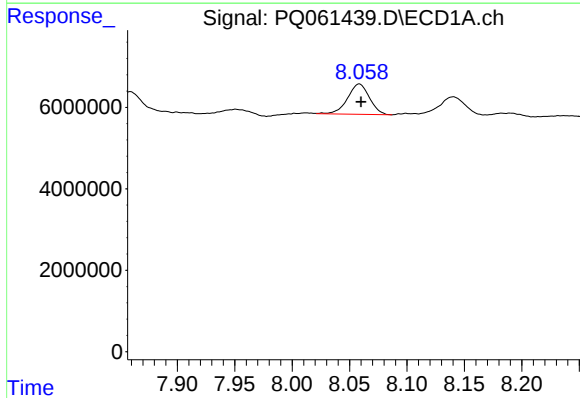
R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 12463984
Conc: 48.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



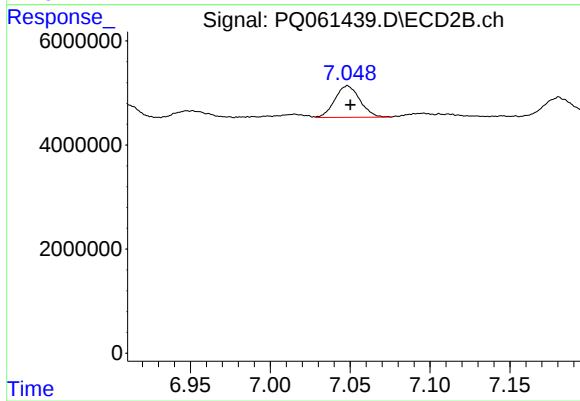
#39 AR-1262-4

R.T.: 6.552 min
Delta R.T.: -0.005 min
Response: 19405003
Conc: 58.51 ng/ml



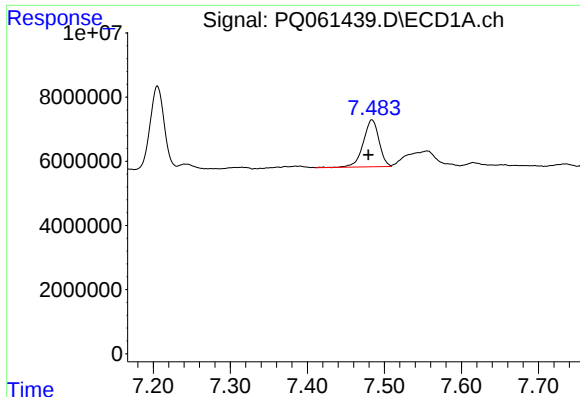
#40 AR-1262-5

R.T.: 8.058 min
Delta R.T.: -0.002 min
Response: 9875145
Conc: 57.98 ng/ml



#40 AR-1262-5

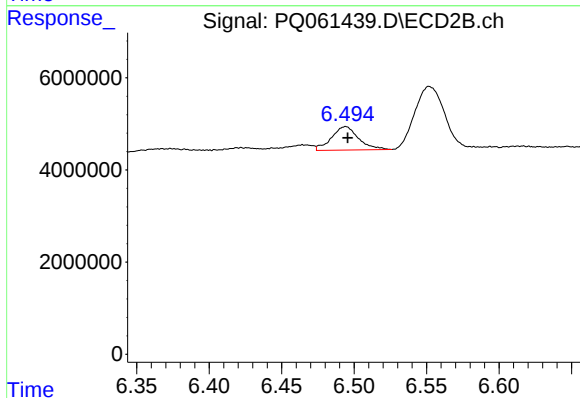
R.T.: 7.048 min
Delta R.T.: -0.002 min
Response: 6619041
Conc: 41.26 ng/ml



#41 AR-1268-1

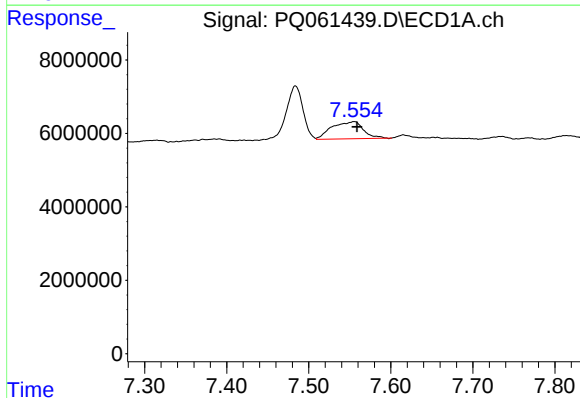
R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 20826681
Conc: 37.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



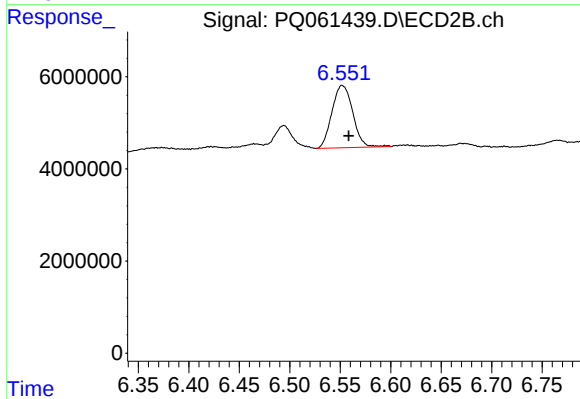
#41 AR-1268-1

R.T.: 6.494 min
Delta R.T.: -0.001 min
Response: 6609395
Conc: 13.45 ng/ml



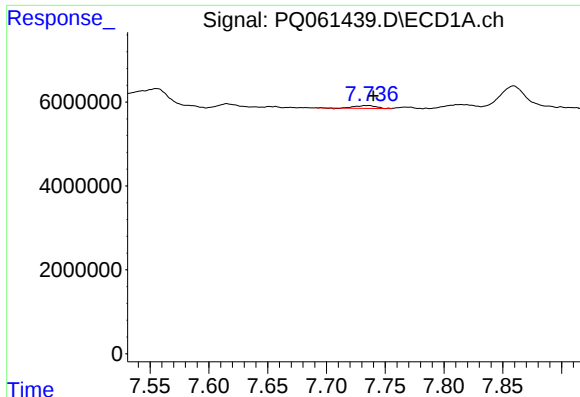
#42 AR-1268-2

R.T.: 7.555 min
Delta R.T.: -0.003 min
Response: 12463984
Conc: 25.30 ng/ml



#42 AR-1268-2

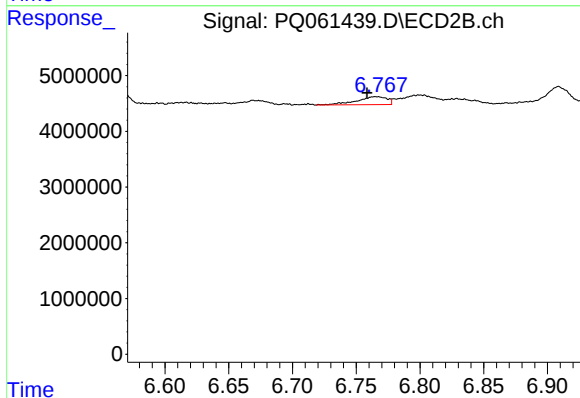
R.T.: 6.552 min
Delta R.T.: -0.007 min
Response: 19405003
Conc: 43.62 ng/ml



#43 AR-1268-3

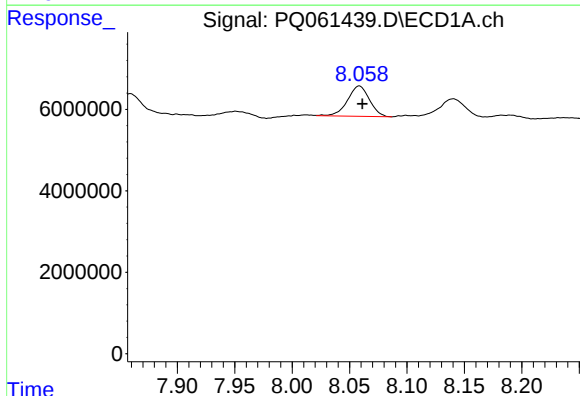
R.T.: 7.735 min
Delta R.T.: -0.004 min
Response: 822429
Conc: 1.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



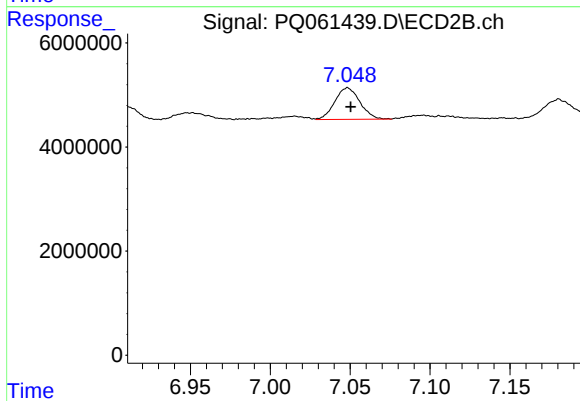
#43 AR-1268-3

R.T.: 6.767 min
Delta R.T.: 0.009 min
Response: 2369273
Conc: 6.05 ng/ml



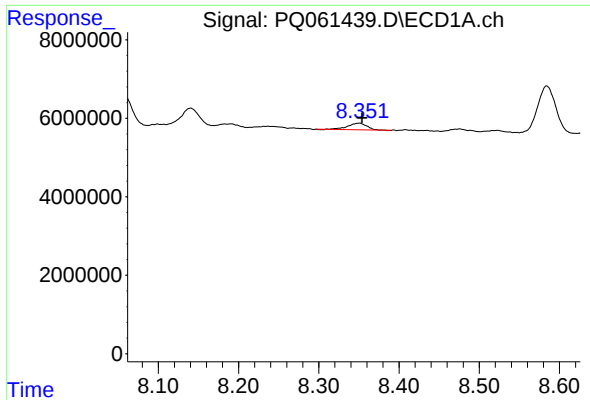
#44 AR-1268-4

R.T.: 8.058 min
Delta R.T.: -0.003 min
Response: 9875145
Conc: 55.79 ng/ml



#44 AR-1268-4

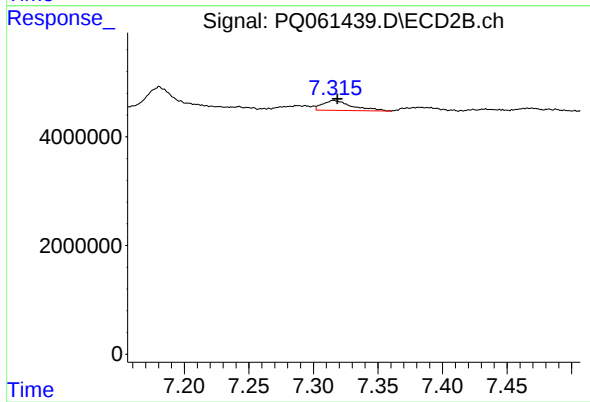
R.T.: 7.048 min
Delta R.T.: -0.002 min
Response: 6619041
Conc: 39.43 ng/ml



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: -0.004 min
Response: 2741860
Conc: 2.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.316 min
Delta R.T.: -0.003 min
Response: 2886379
Conc: 2.33 ng/ml