

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050422\
 Data File : PQ057380.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2022 16:15
 Operator : YP\AJ
 Sample : PB144542BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 02:32:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042522CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 26 08:09:43 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.538	3.739	487.8E6	241.6E6	23.226	20.305
2)	SA Decachlor...	10.320	8.672	804.1E6	439.9E6	39.121	42.679
Target Compounds							
3)	L1 AR-1016-1	5.717	4.806	66825532	42408099	137.015	119.602
4)	L1 AR-1016-2	5.717	4.825	66825532	82431509	70.594	132.524 #
5)	L1 AR-1016-3	5.800	4.997	103.5E6	35742473	164.204	125.499
6)	L1 AR-1016-4	5.902	5.034	79299503	31806901	159.813	137.340
7)	L1 AR-1016-5	6.187	5.244	63311331	38987199	145.956	131.556
8)	L2 AR-1221-1	4.748	3.947	3642488	3968779	16.144	31.064 #
9)	L2 AR-1221-2	4.816	4.034	70561	7823651	0.446	86.734 #
10)	L2 AR-1221-3	4.919	4.109	52074961	25404606	95.131	80.952
11)	L3 AR-1232-1	4.919	4.109	52074961	25404606	98.477	83.642
12)	L3 AR-1232-2	5.444	4.825	76086340	82431509	262.262	262.203
13)	L3 AR-1232-3	5.717	4.997	66825532	35742473	125.262	258.407 #
14)	L3 AR-1232-4	5.902	5.076	79299503	37909844	278.448	295.388
15)	L3 AR-1232-5	5.982	5.244	54137379	38987199	271.972	261.234
16)	L4 AR-1242-1	5.717	4.806	66825532	42408099	165.555	143.033
17)	L4 AR-1242-2	5.717	4.825	66825532	82431509	82.468	155.148 #
18)	L4 AR-1242-3	5.800	4.997	103.5E6	35742473	195.435	148.776
19)	L4 AR-1242-4	5.902	5.076	79299503	37909844	188.482	158.666
20)	L4 AR-1242-5	6.635	5.590	12669665	32149537	30.251	101.706 #
21)	L5 AR-1248-1	5.717	4.806	66825532	42408099	208.137	177.912
22)	L5 AR-1248-2	5.982	5.034	54137379	31806901	103.211	88.878
23)	L5 AR-1248-3	6.187	5.076	63311331	37909844	99.816	100.182
24)	L5 AR-1248-4	6.595	5.244	12775146	38987199	18.627	85.504 #
25)	L5 AR-1248-5	6.635	5.635	12669665	4897749	17.208	10.238 #
26)	L6 AR-1254-1	6.563	5.590	50476740	32149537	78.203	44.465 #
27)	L6 AR-1254-2	6.779	5.735	53938782	30721899	53.527	50.167
28)	L6 AR-1254-3	7.152	6.146	30000291	53631981	24.980	52.487 #
29)	L6 AR-1254-4	7.437	6.362	16985092	4267903	20.561	5.649 #
30)	L6 AR-1254-5	7.856	6.770	164.9E6	110.3E6	184.235	122.040 #
31)	L7 AR-1260-1	7.309	6.259	111.7E6	80559811	163.336	147.069
32)	L7 AR-1260-2	7.568	6.446	127.6E6	99016712	157.501	146.847
33)	L7 AR-1260-3	7.856	6.597	164.9E6	90880490	169.364	142.963
34)	L7 AR-1260-4	8.155	7.062	107.2E6	65848682	137.730	124.427
35)	L7 AR-1260-5	8.485	7.303	210.4E6	161.8E6	130.625	122.925
36)	L8 AR-1262-1	7.925	6.770	83474465	110.3E6	82.097	239.744 #
37)	L8 AR-1262-2	8.485	7.303	210.4E6	161.8E6	101.988	93.303
38)	L8 AR-1262-3	8.800	7.583	38934514	33338318	42.268	48.483
39)	L8 AR-1262-4	8.880	7.646	85643836	116.1E6	103.928	91.766
40)	L8 AR-1262-5	9.567	8.138	57176027	32937384	67.305	59.734
41)	L9 AR-1268-1	8.800	7.583	38934514	33338318	15.616	16.884

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Acq On : 04 May 2022 16:15
Operator : YP\AJ
Sample : PB144542BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

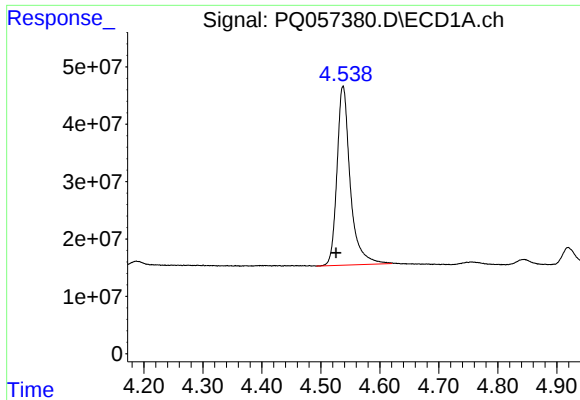
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 02:32:23 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042522CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 26 08:09:43 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm 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	8.880	7.646	85643836	116.1E6	31.908	64.493 #
43)	L9 AR-1268-3	9.083	7.851	808916	2176848	0.353	1.546 #
44)	L9 AR-1268-4	9.567	8.138	57176027	32937384	60.049	54.731
45)	L9 AR-1268-5	9.983	8.425	25853325	13342320	3.114	2.815

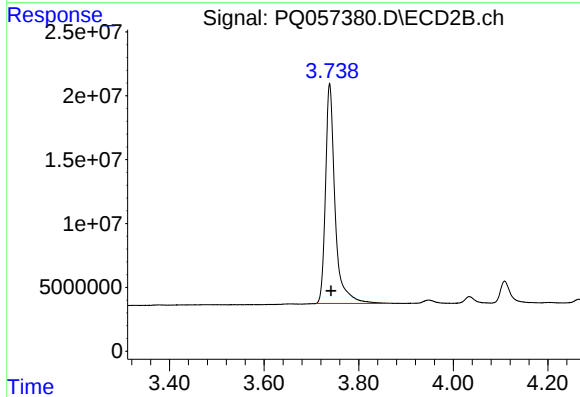
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

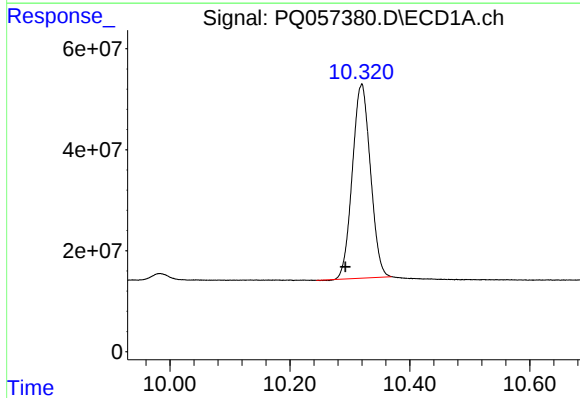
R.T.: 4.538 min
Delta R.T.: 0.012 min
Response: 487751337
Conc: 23.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



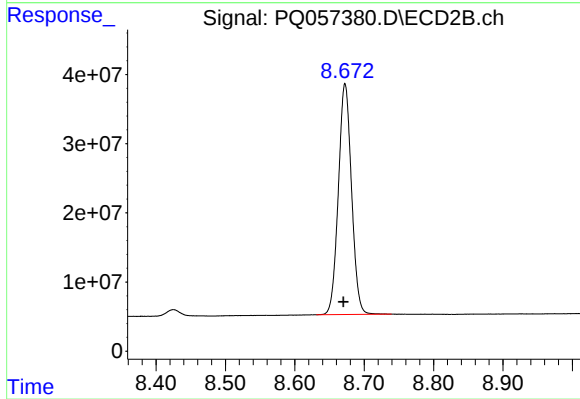
#1 Tetrachloro-m-xylene

R.T.: 3.739 min
Delta R.T.: -0.003 min
Response: 241649256
Conc: 20.31 ng/ml



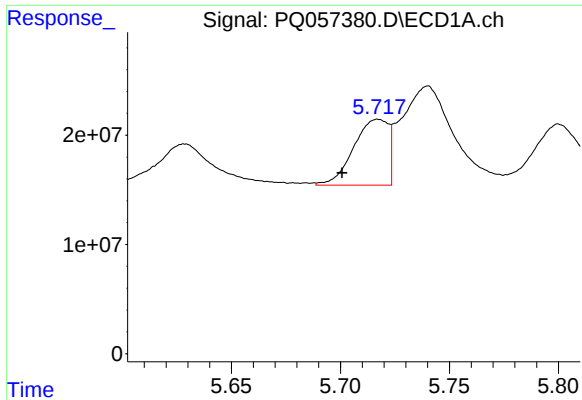
#2 Decachlorobiphenyl

R.T.: 10.320 min
Delta R.T.: 0.028 min
Response: 804128061
Conc: 39.12 ng/ml



#2 Decachlorobiphenyl

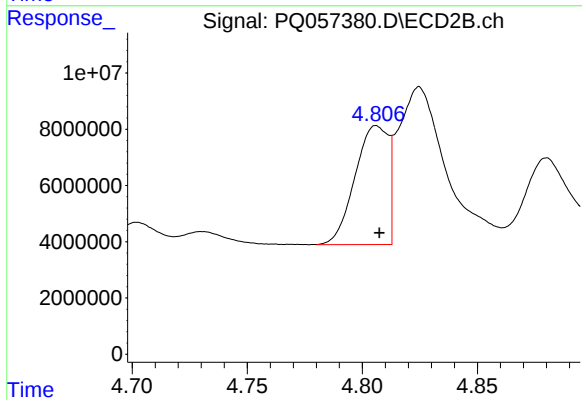
R.T.: 8.672 min
Delta R.T.: 0.003 min
Response: 439880858
Conc: 42.68 ng/ml



#3 AR-1016-1

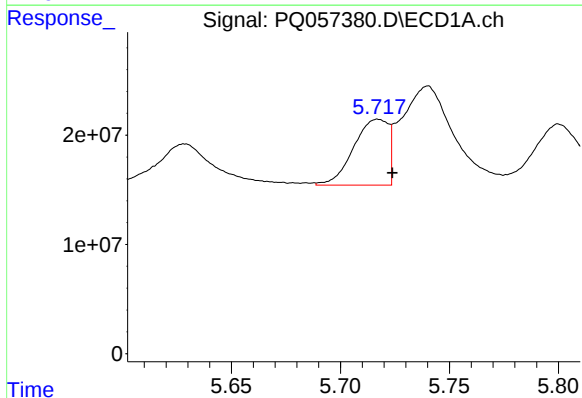
R.T.: 5.717 min
Delta R.T.: 0.016 min
Response: 66825532
Conc: 137.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



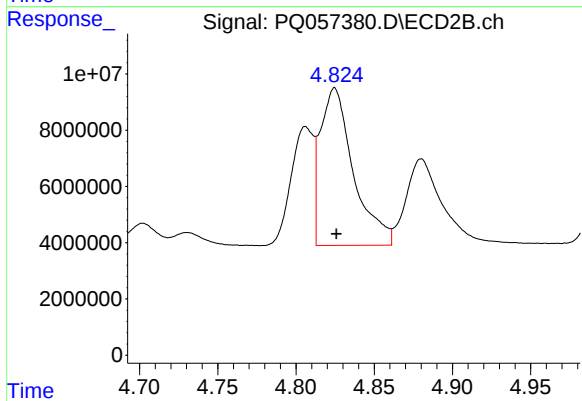
#3 AR-1016-1

R.T.: 4.806 min
Delta R.T.: -0.001 min
Response: 42408099
Conc: 119.60 ng/ml



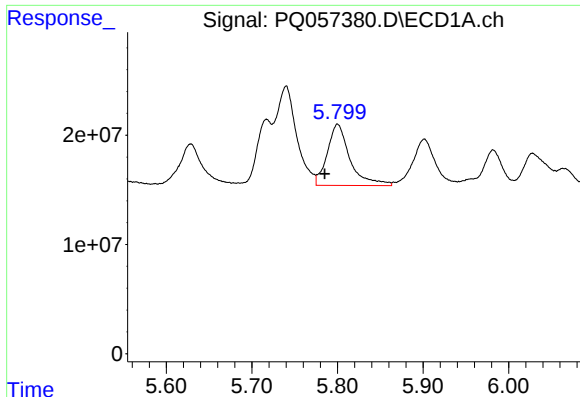
#4 AR-1016-2

R.T.: 5.717 min
Delta R.T.: -0.007 min
Response: 66825532
Conc: 70.59 ng/ml



#4 AR-1016-2

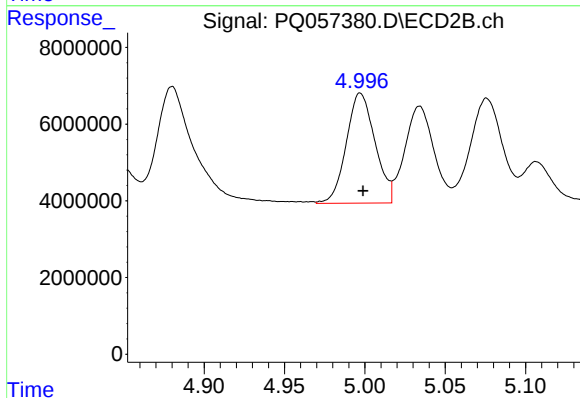
R.T.: 4.825 min
Delta R.T.: -0.001 min
Response: 82431509
Conc: 132.52 ng/ml



#5 AR-1016-3

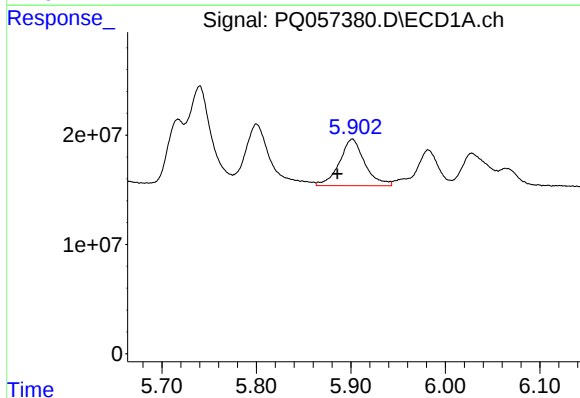
R.T.: 5.800 min
Delta R.T.: 0.015 min
Response: 103539486
Conc: 164.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



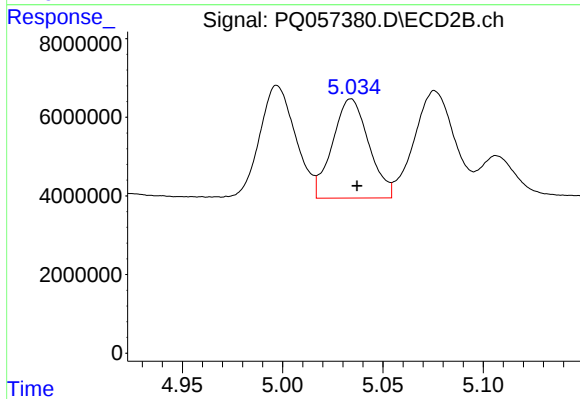
#5 AR-1016-3

R.T.: 4.997 min
Delta R.T.: -0.002 min
Response: 35742473
Conc: 125.50 ng/ml



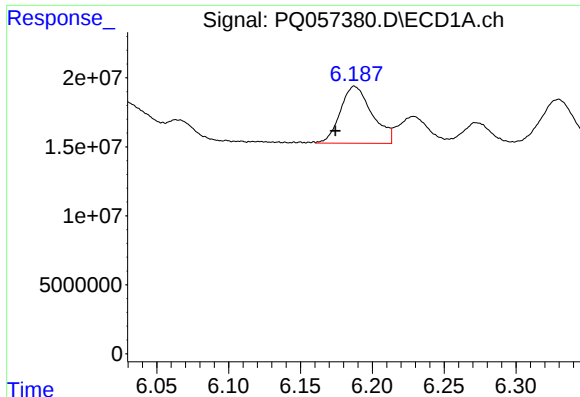
#6 AR-1016-4

R.T.: 5.902 min
Delta R.T.: 0.016 min
Response: 79299503
Conc: 159.81 ng/ml



#6 AR-1016-4

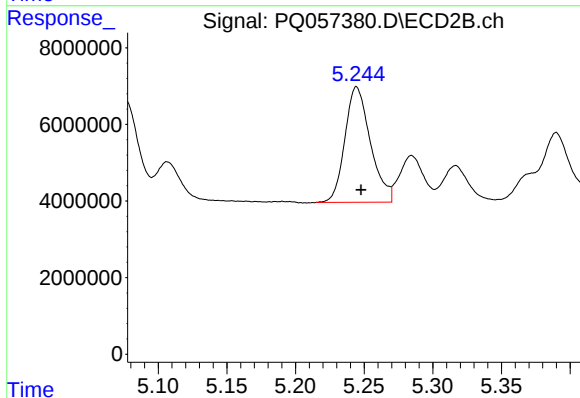
R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 31806901
Conc: 137.34 ng/ml



#7 AR-1016-5

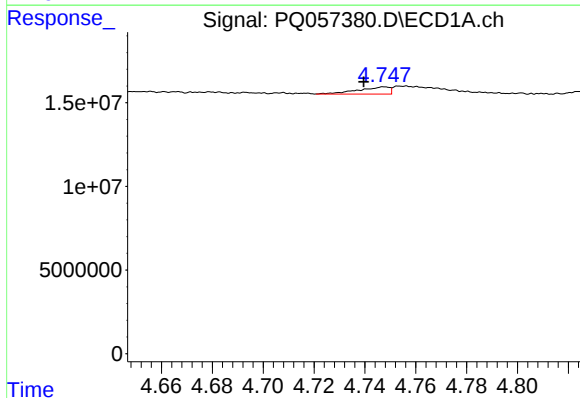
R.T.: 6.187 min
Delta R.T.: 0.013 min
Response: 63311331
Conc: 145.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



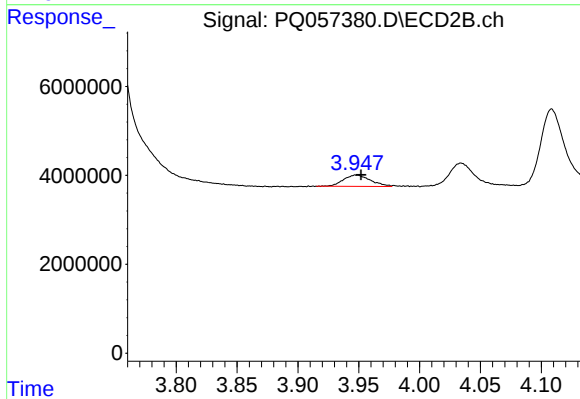
#7 AR-1016-5

R.T.: 5.244 min
Delta R.T.: -0.003 min
Response: 38987199
Conc: 131.56 ng/ml



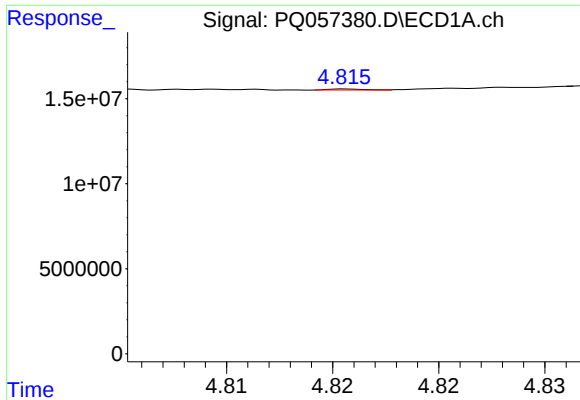
#8 AR-1221-1

R.T.: 4.748 min
Delta R.T.: 0.008 min
Response: 3642488
Conc: 16.14 ng/ml



#8 AR-1221-1

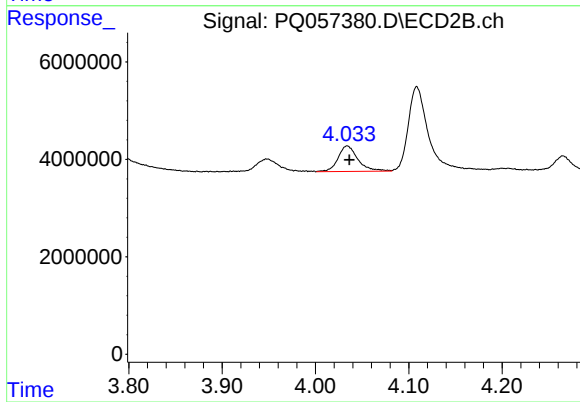
R.T.: 3.947 min
Delta R.T.: -0.004 min
Response: 3968779
Conc: 31.06 ng/ml



#9 AR-1221-2

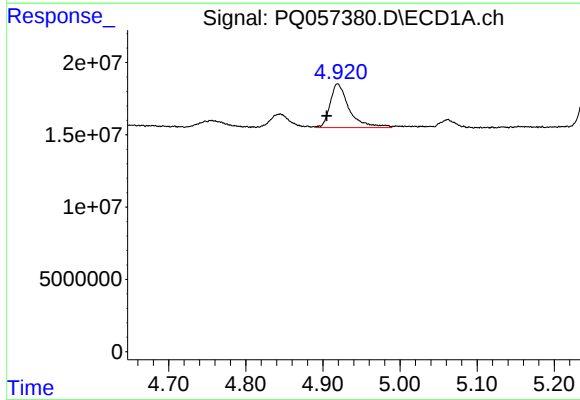
R.T.: 4.816 min
Delta R.T.: -0.011 min
Response: 70561
Conc: 0.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



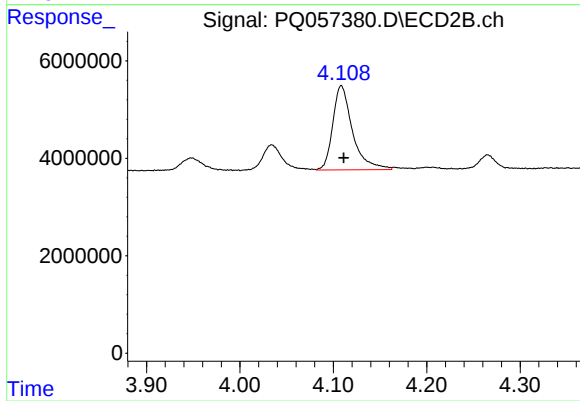
#9 AR-1221-2

R.T.: 4.034 min
Delta R.T.: -0.002 min
Response: 7823651
Conc: 86.73 ng/ml



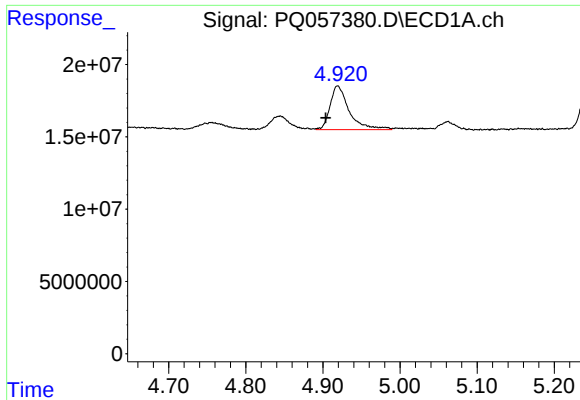
#10 AR-1221-3

R.T.: 4.919 min
Delta R.T.: 0.014 min
Response: 52074961
Conc: 95.13 ng/ml



#10 AR-1221-3

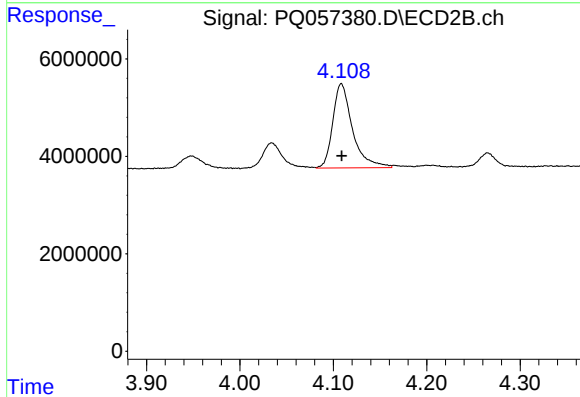
R.T.: 4.109 min
Delta R.T.: -0.002 min
Response: 25404606
Conc: 80.95 ng/ml



#11 AR-1232-1

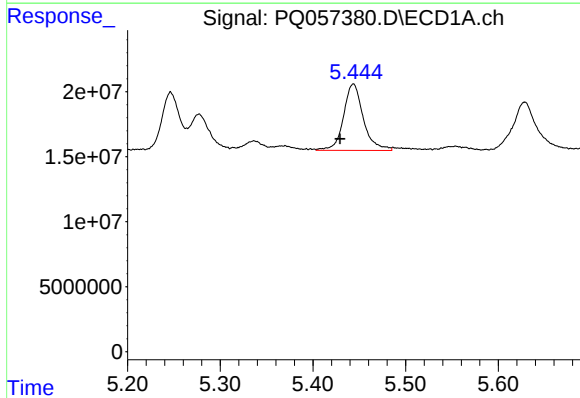
R.T.: 4.919 min
Delta R.T.: 0.016 min
Response: 52074961
Conc: 98.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



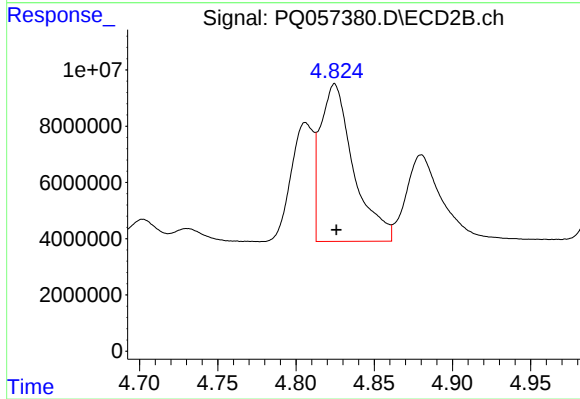
#11 AR-1232-1

R.T.: 4.109 min
Delta R.T.: 0.000 min
Response: 25404606
Conc: 83.64 ng/ml



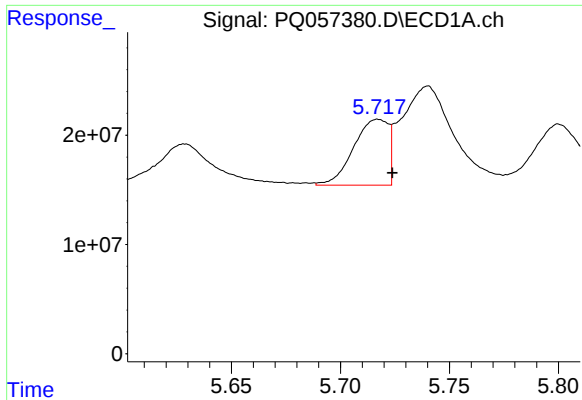
#12 AR-1232-2

R.T.: 5.444 min
Delta R.T.: 0.015 min
Response: 76086340
Conc: 262.26 ng/ml



#12 AR-1232-2

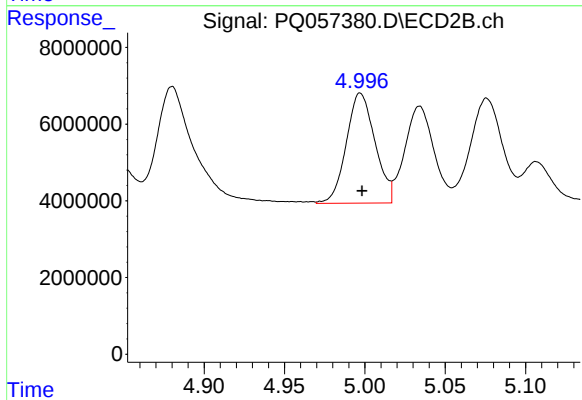
R.T.: 4.825 min
Delta R.T.: -0.001 min
Response: 82431509
Conc: 262.20 ng/ml



#13 AR-1232-3

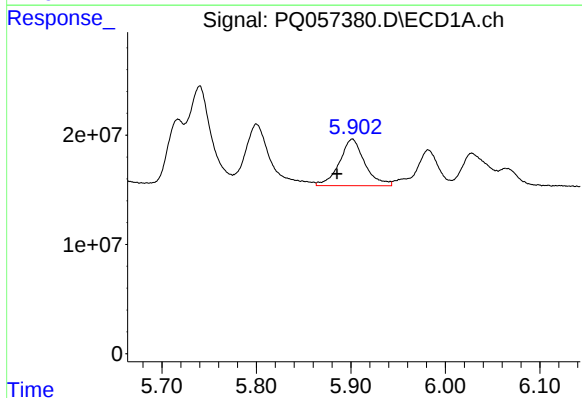
R.T.: 5.717 min
Delta R.T.: -0.007 min
Response: 66825532
Conc: 125.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



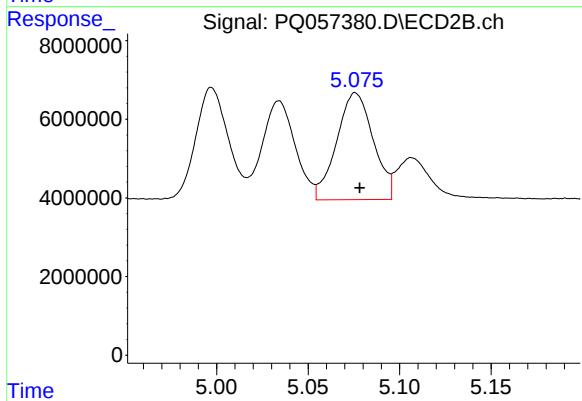
#13 AR-1232-3

R.T.: 4.997 min
Delta R.T.: -0.001 min
Response: 35742473
Conc: 258.41 ng/ml



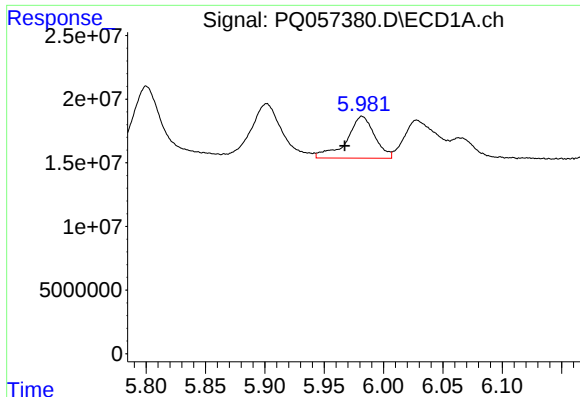
#14 AR-1232-4

R.T.: 5.902 min
Delta R.T.: 0.016 min
Response: 79299503
Conc: 278.45 ng/ml



#14 AR-1232-4

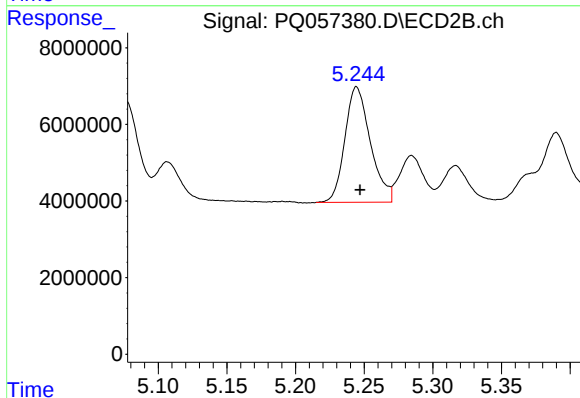
R.T.: 5.076 min
Delta R.T.: -0.002 min
Response: 37909844
Conc: 295.39 ng/ml



#15 AR-1232-5

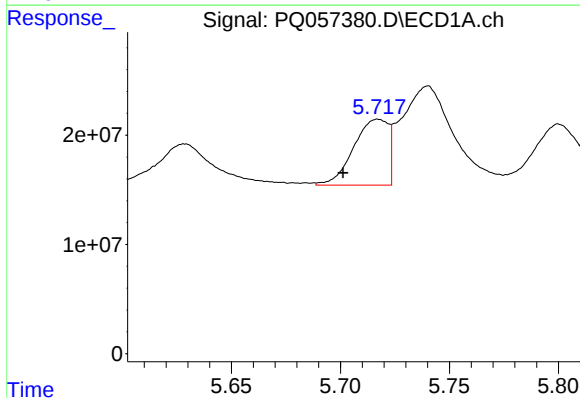
R.T.: 5.982 min
Delta R.T.: 0.015 min
Response: 54137379
Conc: 271.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



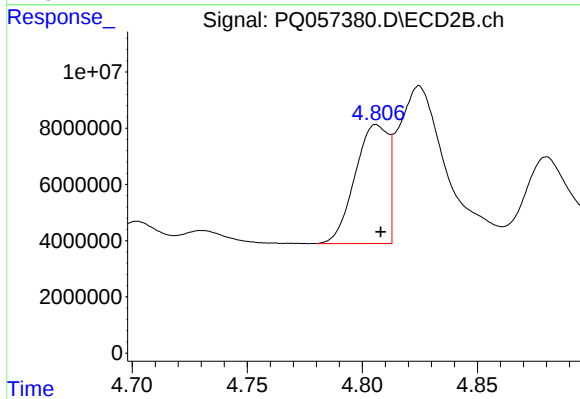
#15 AR-1232-5

R.T.: 5.244 min
Delta R.T.: -0.002 min
Response: 38987199
Conc: 261.23 ng/ml



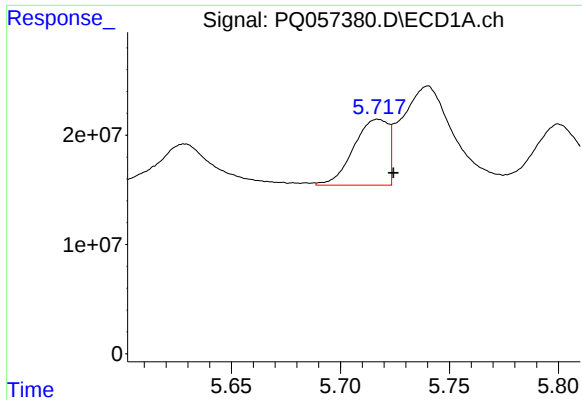
#16 AR-1242-1

R.T.: 5.717 min
Delta R.T.: 0.016 min
Response: 66825532
Conc: 165.55 ng/ml



#16 AR-1242-1

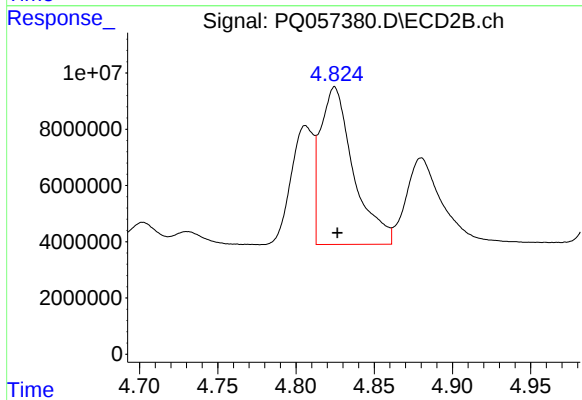
R.T.: 4.806 min
Delta R.T.: -0.002 min
Response: 42408099
Conc: 143.03 ng/ml



#17 AR-1242-2

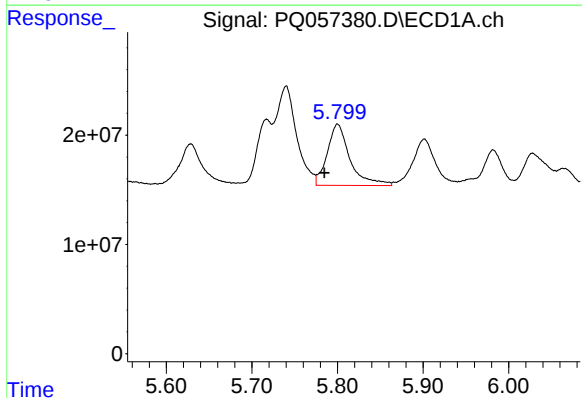
R.T.: 5.717 min
Delta R.T.: -0.007 min
Response: 66825532
Conc: 82.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



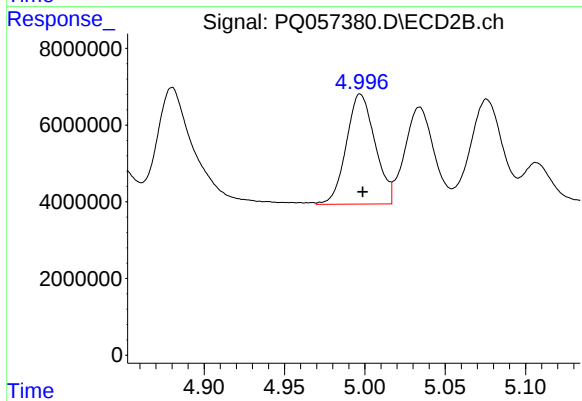
#17 AR-1242-2

R.T.: 4.825 min
Delta R.T.: -0.002 min
Response: 82431509
Conc: 155.15 ng/ml



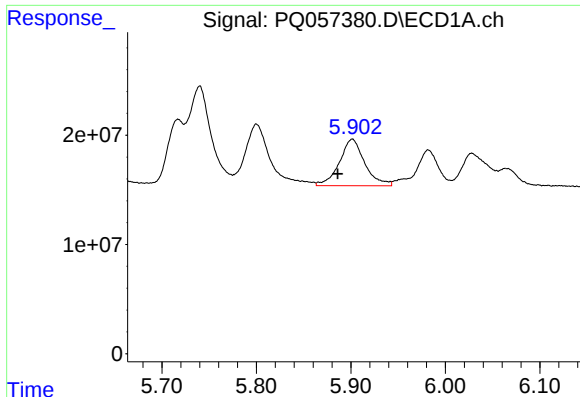
#18 AR-1242-3

R.T.: 5.800 min
Delta R.T.: 0.015 min
Response: 103539486
Conc: 195.44 ng/ml



#18 AR-1242-3

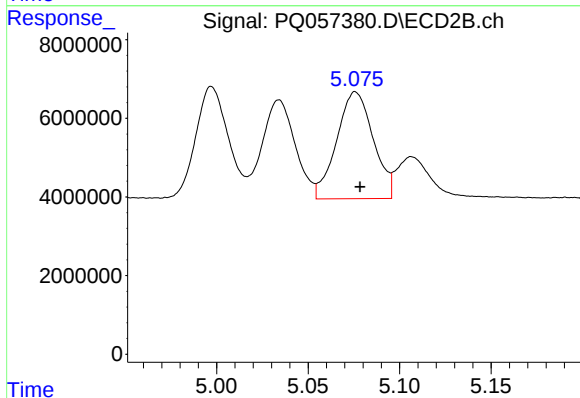
R.T.: 4.997 min
Delta R.T.: -0.002 min
Response: 35742473
Conc: 148.78 ng/ml



#19 AR-1242-4

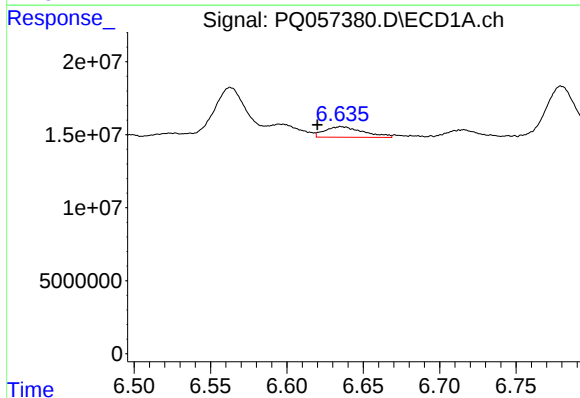
R.T.: 5.902 min
Delta R.T.: 0.015 min
Response: 79299503
Conc: 188.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



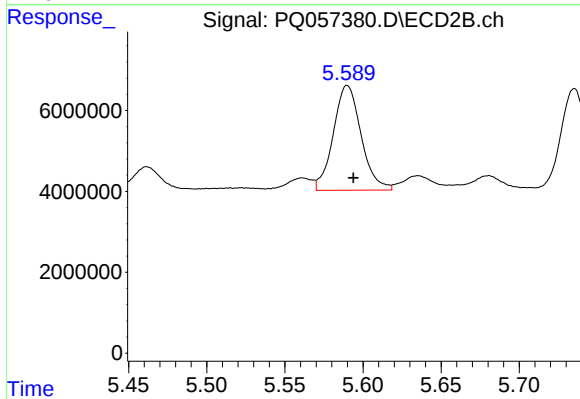
#19 AR-1242-4

R.T.: 5.076 min
Delta R.T.: -0.002 min
Response: 37909844
Conc: 158.67 ng/ml



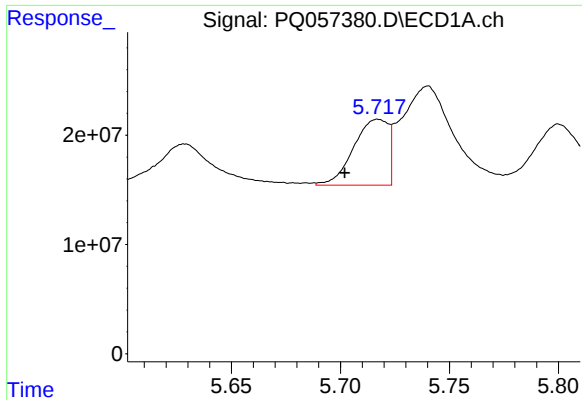
#20 AR-1242-5

R.T.: 6.635 min
Delta R.T.: 0.015 min
Response: 12669665
Conc: 30.25 ng/ml



#20 AR-1242-5

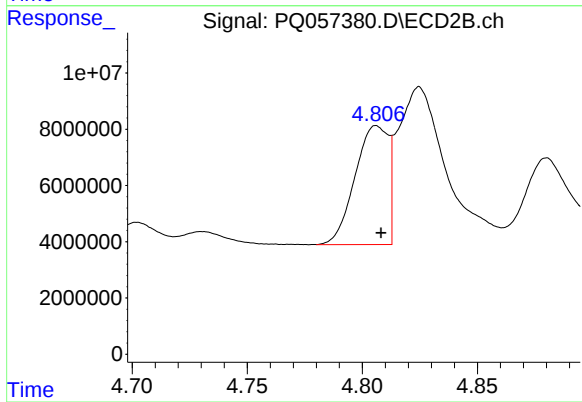
R.T.: 5.590 min
Delta R.T.: -0.004 min
Response: 32149537
Conc: 101.71 ng/ml



#21 AR-1248-1

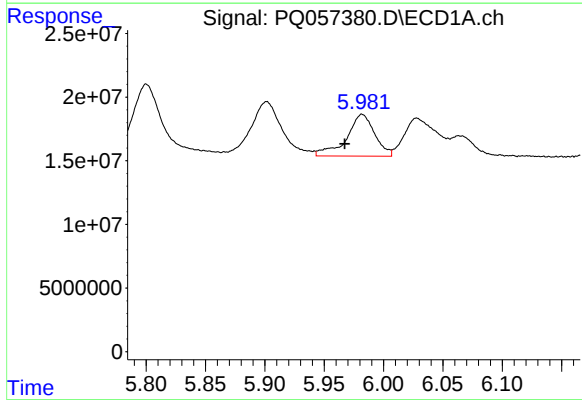
R.T.: 5.717 min
Delta R.T.: 0.015 min
Response: 66825532
Conc: 208.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



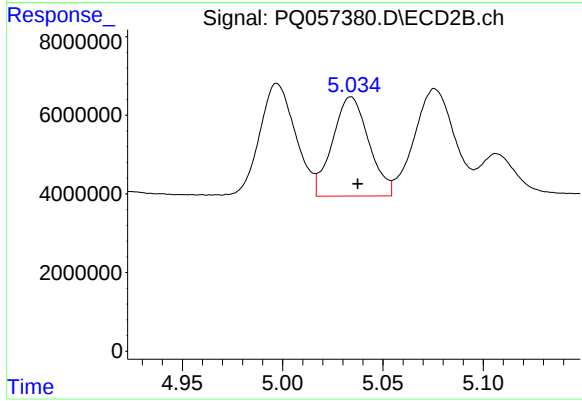
#21 AR-1248-1

R.T.: 4.806 min
Delta R.T.: -0.002 min
Response: 42408099
Conc: 177.91 ng/ml



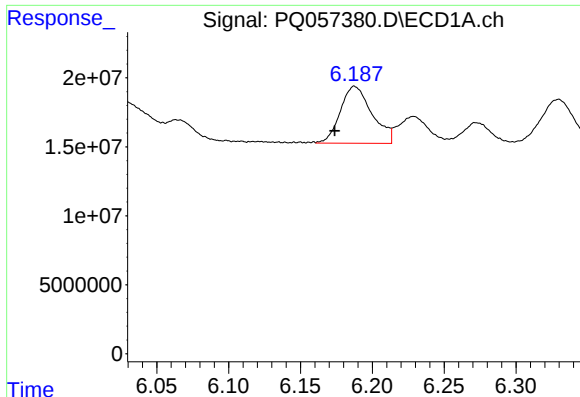
#22 AR-1248-2

R.T.: 5.982 min
Delta R.T.: 0.015 min
Response: 54137379
Conc: 103.21 ng/ml



#22 AR-1248-2

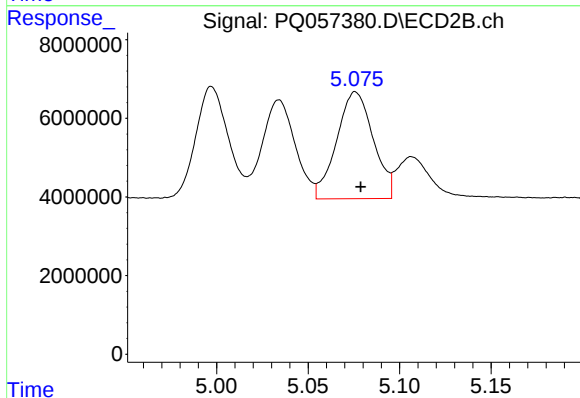
R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 31806901
Conc: 88.88 ng/ml



#23 AR-1248-3

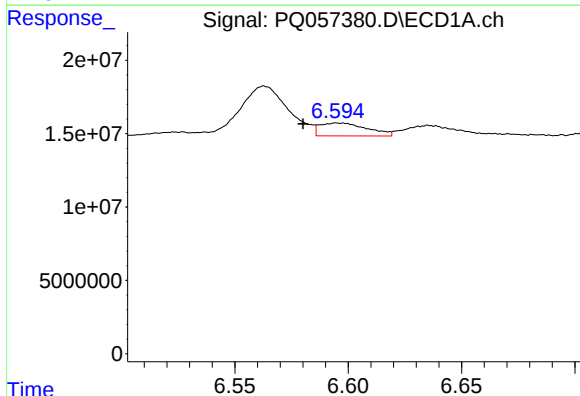
R.T.: 6.187 min
Delta R.T.: 0.014 min
Response: 63311331
Conc: 99.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



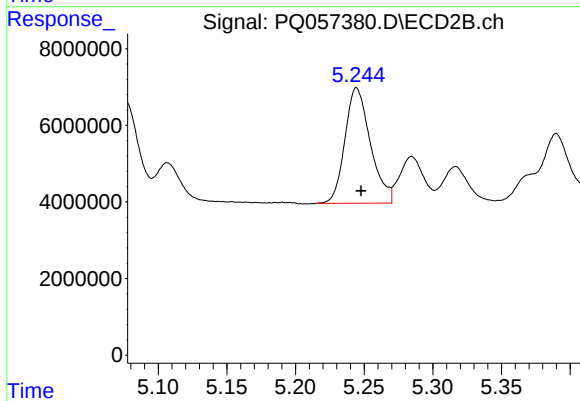
#23 AR-1248-3

R.T.: 5.076 min
Delta R.T.: -0.003 min
Response: 37909844
Conc: 100.18 ng/ml



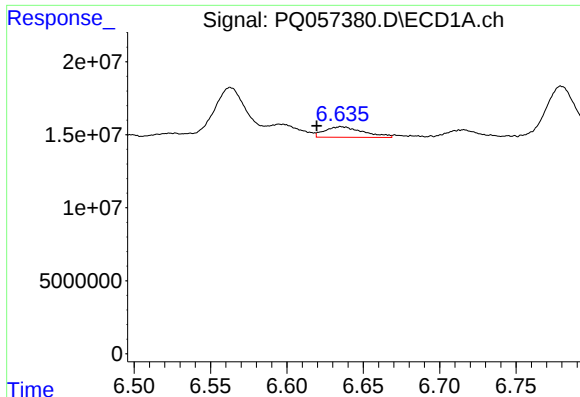
#24 AR-1248-4

R.T.: 6.595 min
Delta R.T.: 0.015 min
Response: 12775146
Conc: 18.63 ng/ml



#24 AR-1248-4

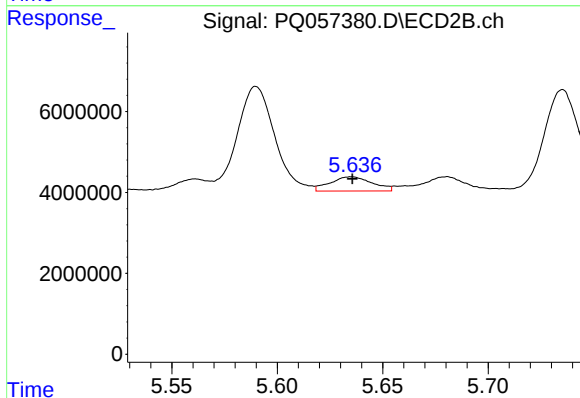
R.T.: 5.244 min
Delta R.T.: -0.003 min
Response: 38987199
Conc: 85.50 ng/ml



#25 AR-1248-5

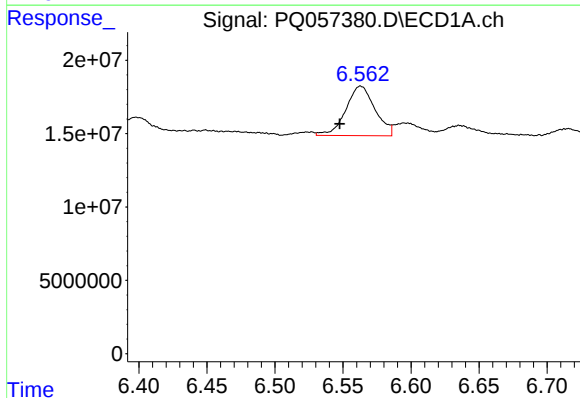
R.T.: 6.635 min
Delta R.T.: 0.016 min
Response: 12669665
Conc: 17.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



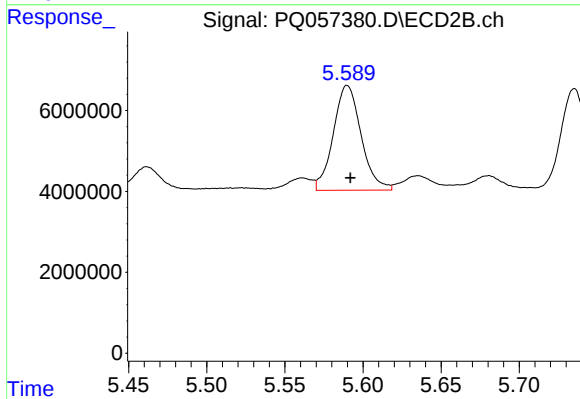
#25 AR-1248-5

R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 4897749
Conc: 10.24 ng/ml



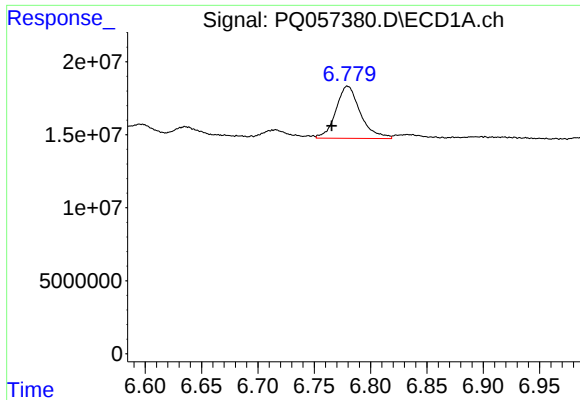
#26 AR-1254-1

R.T.: 6.563 min
Delta R.T.: 0.015 min
Response: 50476740
Conc: 78.20 ng/ml



#26 AR-1254-1

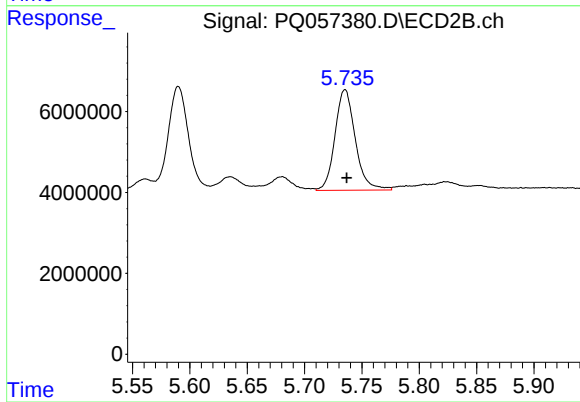
R.T.: 5.590 min
Delta R.T.: -0.002 min
Response: 32149537
Conc: 44.47 ng/ml



#27 AR-1254-2

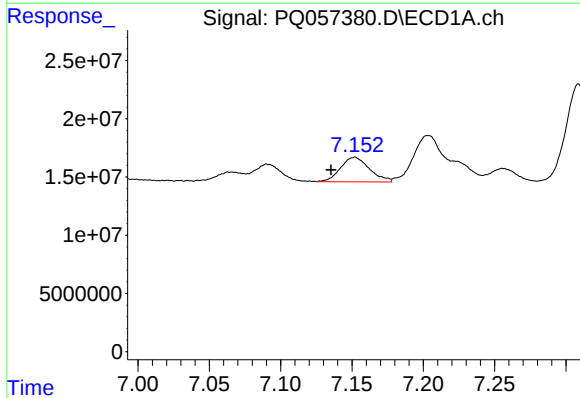
R.T.: 6.779 min
Delta R.T.: 0.014 min
Response: 53938782
Conc: 53.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



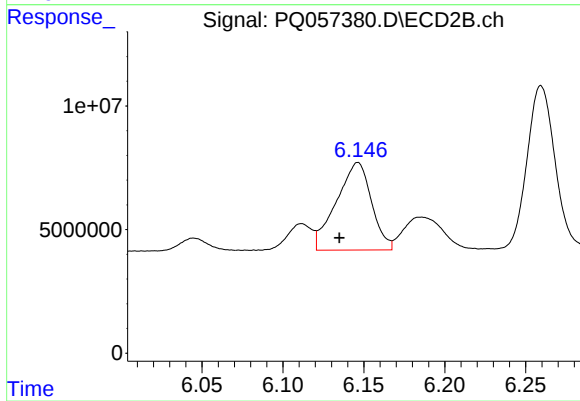
#27 AR-1254-2

R.T.: 5.735 min
Delta R.T.: -0.002 min
Response: 30721899
Conc: 50.17 ng/ml



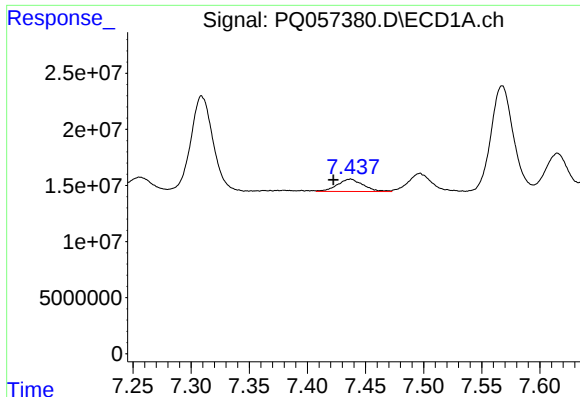
#28 AR-1254-3

R.T.: 7.152 min
Delta R.T.: 0.017 min
Response: 30000291
Conc: 24.98 ng/ml



#28 AR-1254-3

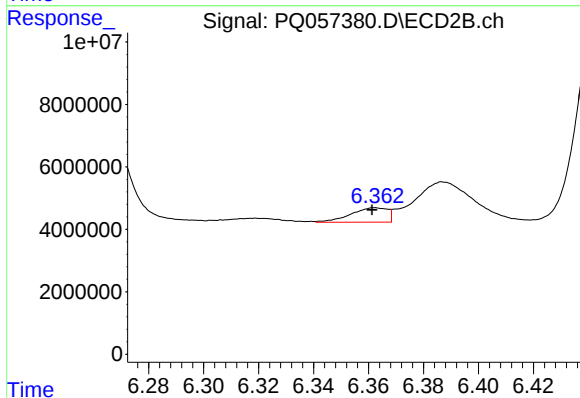
R.T.: 6.146 min
Delta R.T.: 0.011 min
Response: 53631981
Conc: 52.49 ng/ml



#29 AR-1254-4

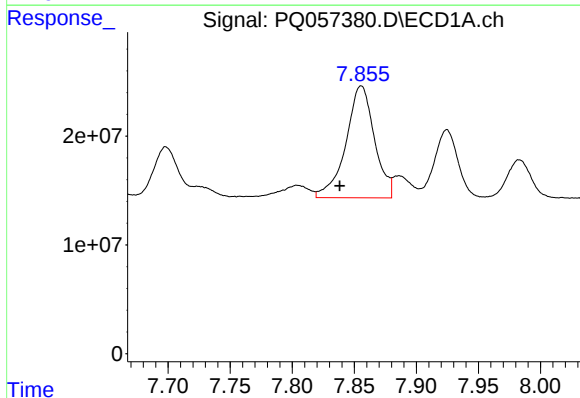
R.T.: 7.437 min
Delta R.T.: 0.015 min
Response: 16985092
Conc: 20.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



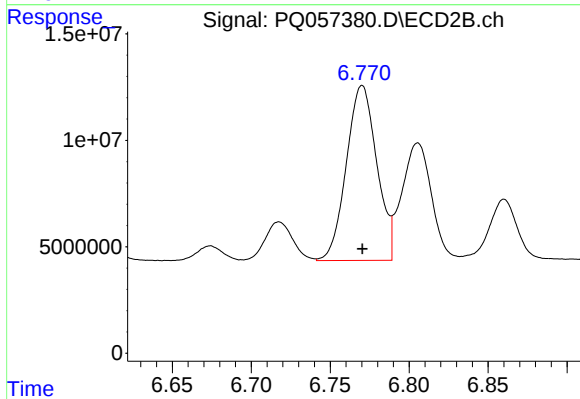
#29 AR-1254-4

R.T.: 6.362 min
Delta R.T.: 0.001 min
Response: 4267903
Conc: 5.65 ng/ml



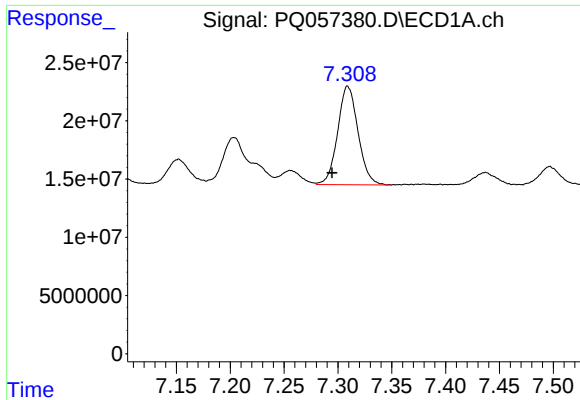
#30 AR-1254-5

R.T.: 7.856 min
Delta R.T.: 0.018 min
Response: 164888361
Conc: 184.23 ng/ml



#30 AR-1254-5

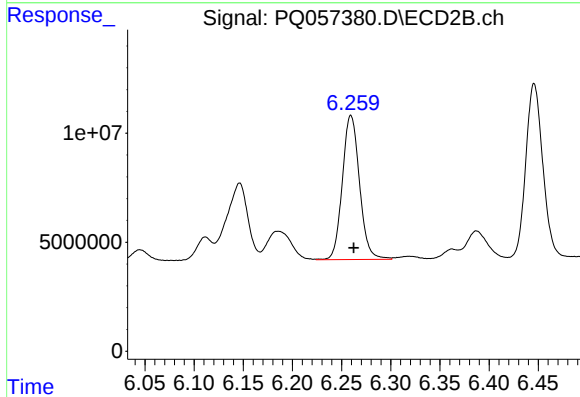
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 110316742
Conc: 122.04 ng/ml



#31 AR-1260-1

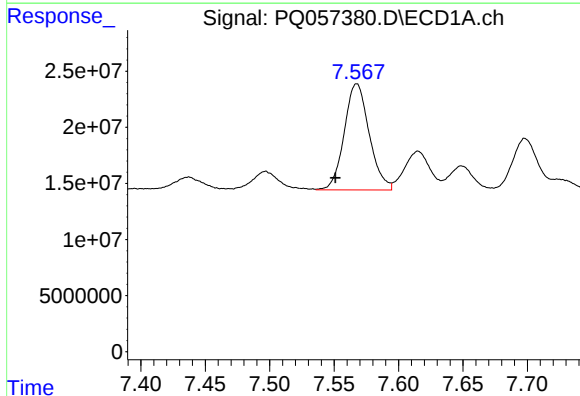
R.T.: 7.309 min
Delta R.T.: 0.014 min
Response: 111713856
Conc: 163.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



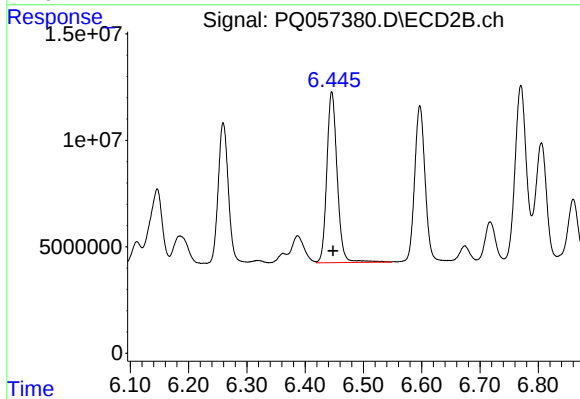
#31 AR-1260-1

R.T.: 6.259 min
Delta R.T.: -0.003 min
Response: 80559811
Conc: 147.07 ng/ml



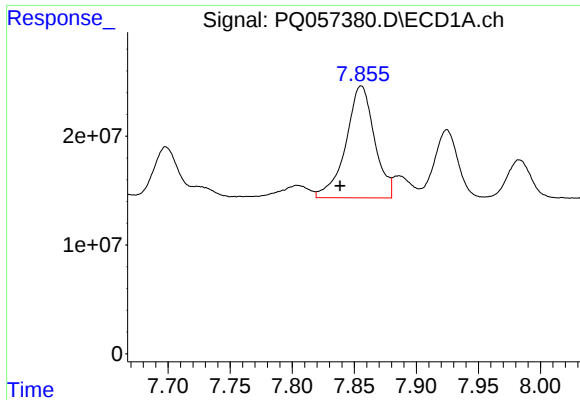
#32 AR-1260-2

R.T.: 7.568 min
Delta R.T.: 0.017 min
Response: 127566098
Conc: 157.50 ng/ml



#32 AR-1260-2

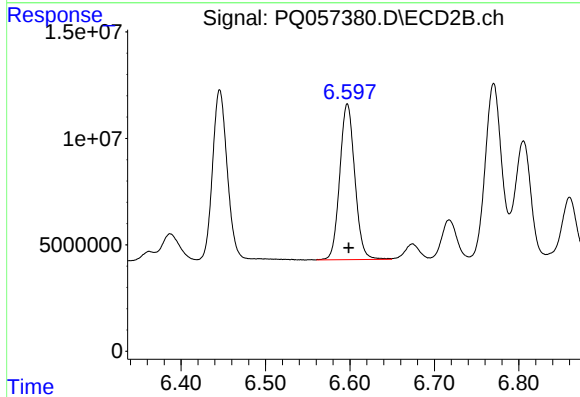
R.T.: 6.446 min
Delta R.T.: -0.002 min
Response: 99016712
Conc: 146.85 ng/ml



#33 AR-1260-3

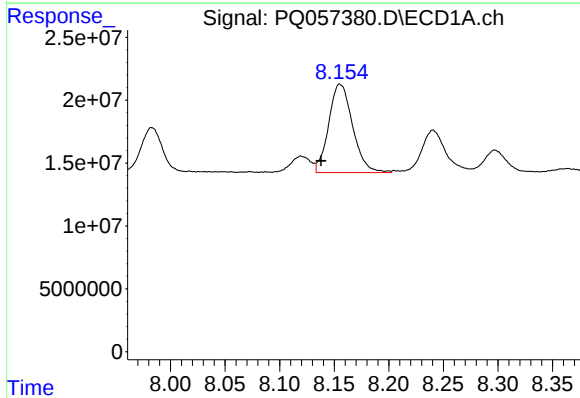
R.T.: 7.856 min
Delta R.T.: 0.017 min
Response: 164888361
Conc: 169.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



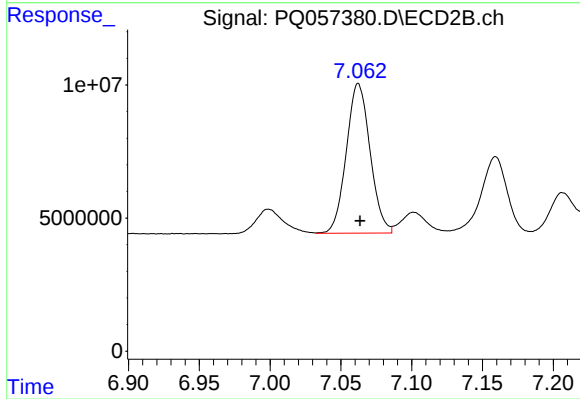
#33 AR-1260-3

R.T.: 6.597 min
Delta R.T.: -0.002 min
Response: 90880490
Conc: 142.96 ng/ml



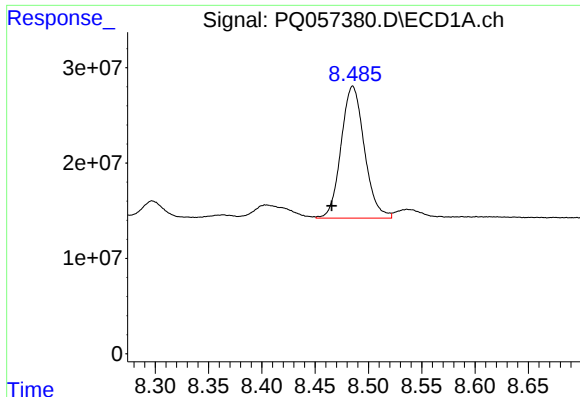
#34 AR-1260-4

R.T.: 8.155 min
Delta R.T.: 0.017 min
Response: 107238842
Conc: 137.73 ng/ml



#34 AR-1260-4

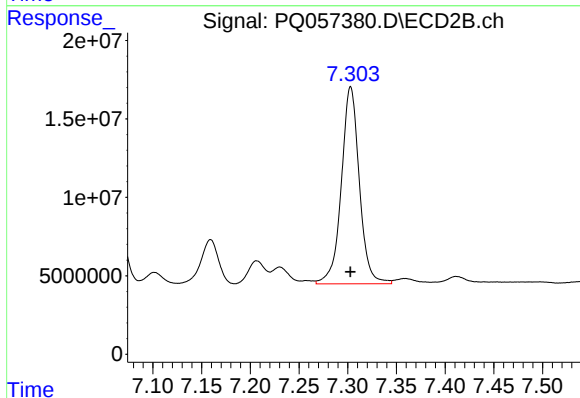
R.T.: 7.062 min
Delta R.T.: -0.001 min
Response: 65848682
Conc: 124.43 ng/ml



#35 AR-1260-5

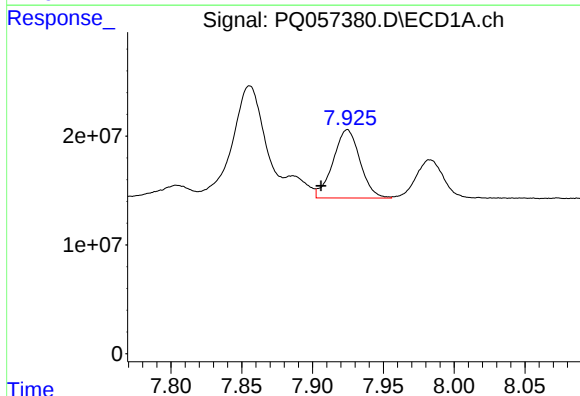
R.T.: 8.485 min
Delta R.T.: 0.020 min
Response: 210437700
Conc: 130.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



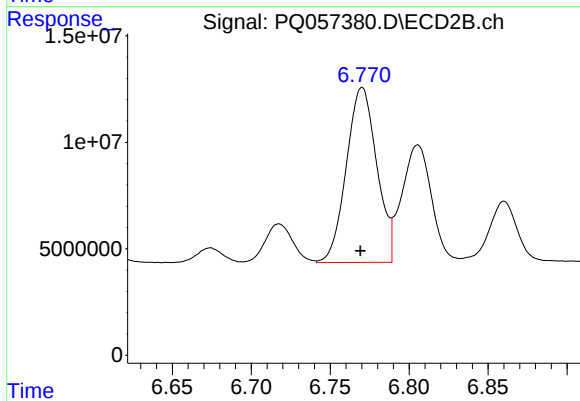
#35 AR-1260-5

R.T.: 7.303 min
Delta R.T.: 0.000 min
Response: 161770574
Conc: 122.92 ng/ml



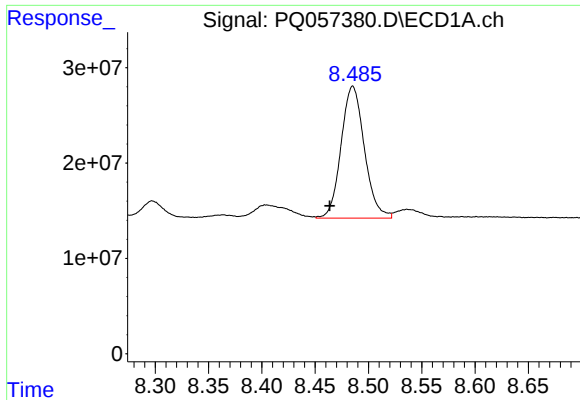
#36 AR-1262-1

R.T.: 7.925 min
Delta R.T.: 0.019 min
Response: 83474465
Conc: 82.10 ng/ml



#36 AR-1262-1

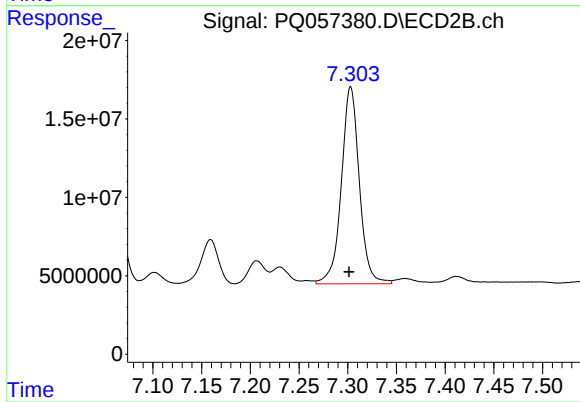
R.T.: 6.770 min
Delta R.T.: 0.001 min
Response: 110316742
Conc: 239.74 ng/ml



#37 AR-1262-2

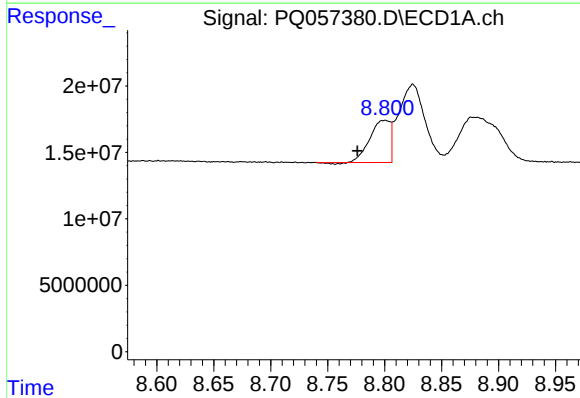
R.T.: 8.485 min
Delta R.T.: 0.021 min
Response: 210437700
Conc: 101.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



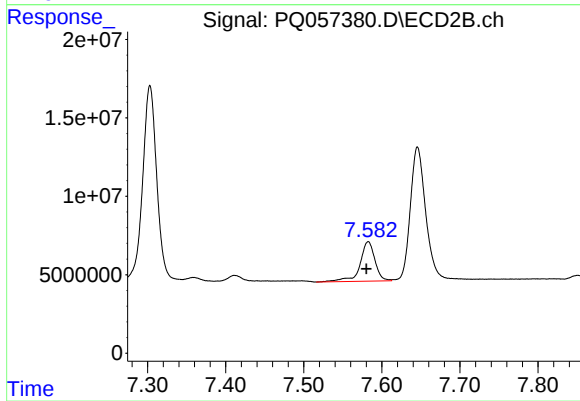
#37 AR-1262-2

R.T.: 7.303 min
Delta R.T.: 0.002 min
Response: 161770574
Conc: 93.30 ng/ml



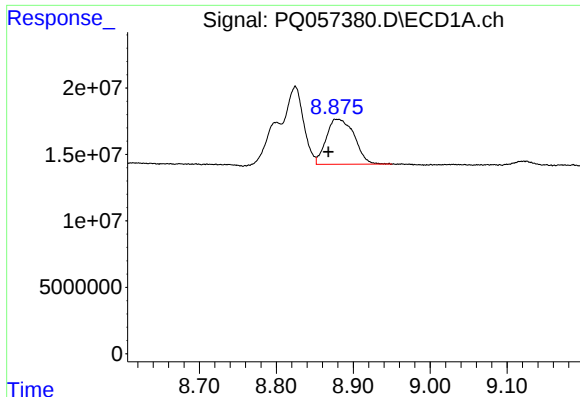
#38 AR-1262-3

R.T.: 8.800 min
Delta R.T.: 0.024 min
Response: 38934514
Conc: 42.27 ng/ml



#38 AR-1262-3

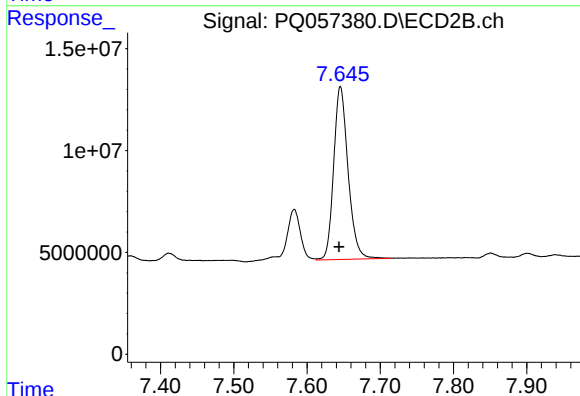
R.T.: 7.583 min
Delta R.T.: 0.002 min
Response: 33338318
Conc: 48.48 ng/ml



#39 AR-1262-4

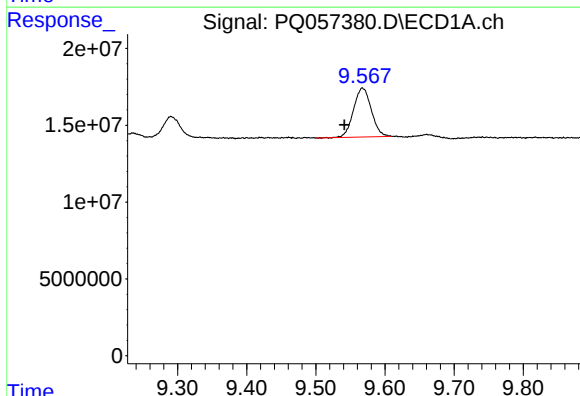
R.T.: 8.880 min
Delta R.T.: 0.012 min
Response: 85643836
Conc: 103.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



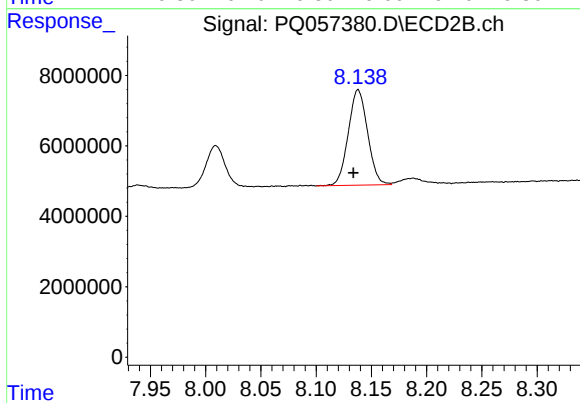
#39 AR-1262-4

R.T.: 7.646 min
Delta R.T.: 0.002 min
Response: 116077153
Conc: 91.77 ng/ml



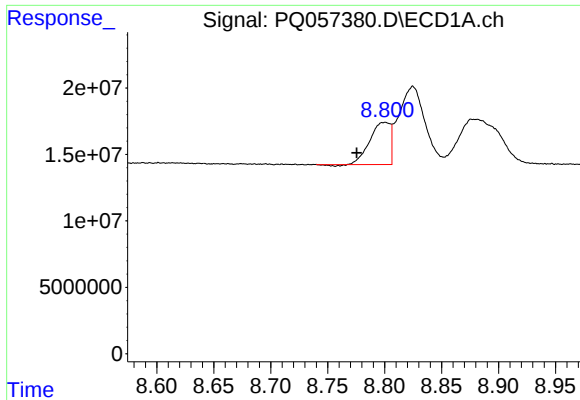
#40 AR-1262-5

R.T.: 9.567 min
Delta R.T.: 0.026 min
Response: 57176027
Conc: 67.30 ng/ml



#40 AR-1262-5

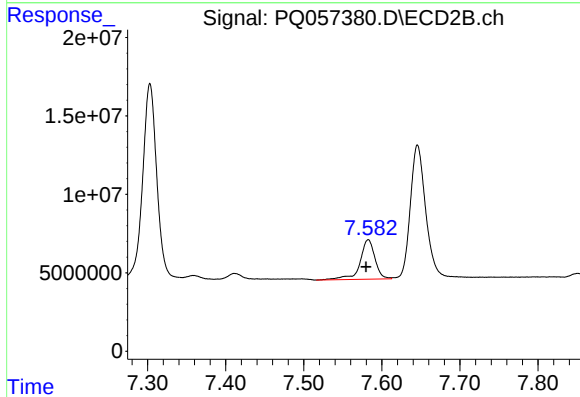
R.T.: 8.138 min
Delta R.T.: 0.004 min
Response: 32937384
Conc: 59.73 ng/ml



#41 AR-1268-1

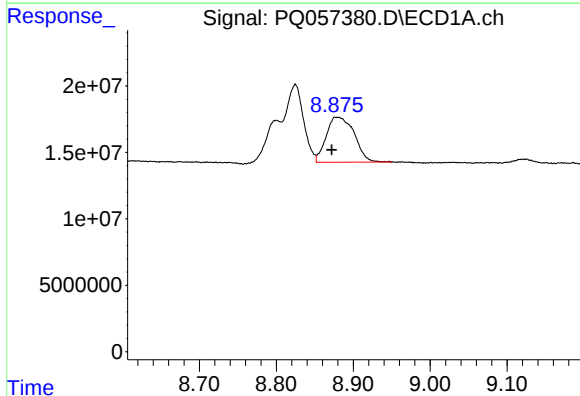
R.T.: 8.800 min
Delta R.T.: 0.025 min
Response: 38934514
Conc: 15.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



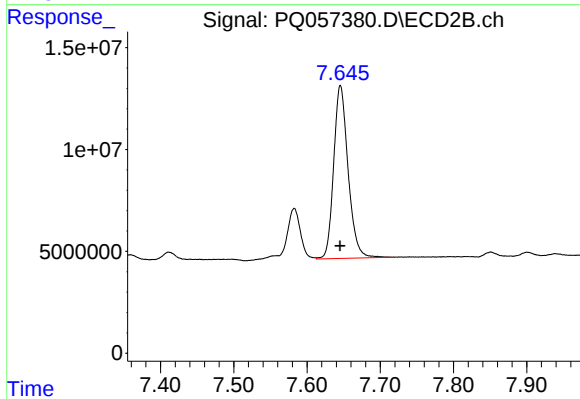
#41 AR-1268-1

R.T.: 7.583 min
Delta R.T.: 0.003 min
Response: 33338318
Conc: 16.88 ng/ml



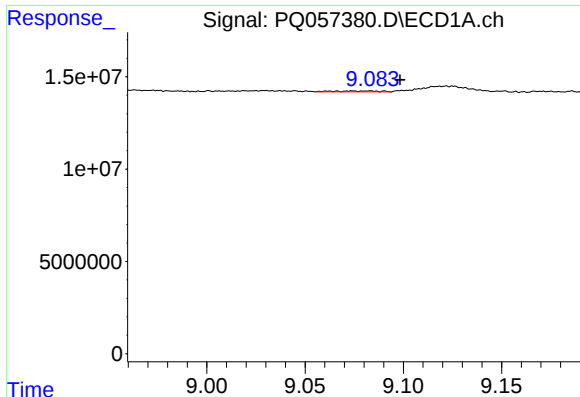
#42 AR-1268-2

R.T.: 8.880 min
Delta R.T.: 0.008 min
Response: 85643836
Conc: 31.91 ng/ml



#42 AR-1268-2

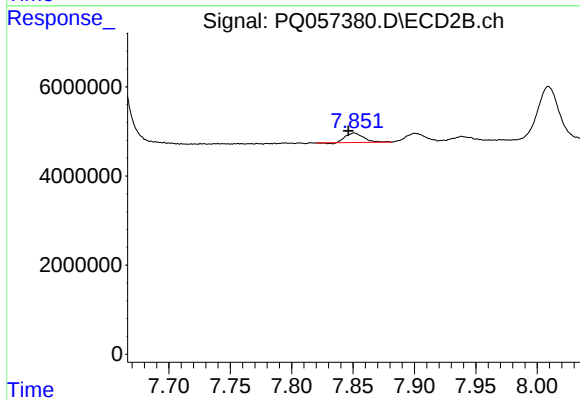
R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 116077153
Conc: 64.49 ng/ml



#43 AR-1268-3

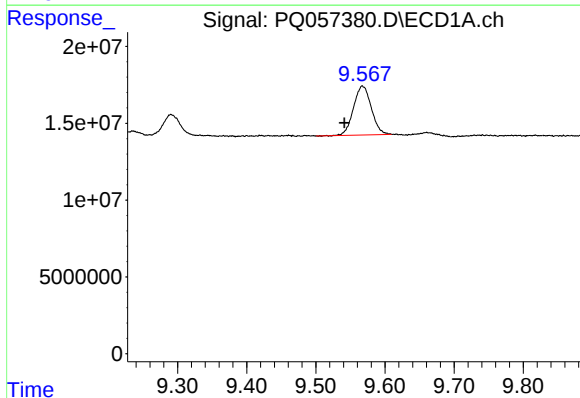
R.T.: 9.083 min
Delta R.T.: -0.015 min
Response: 808916
Conc: 0.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



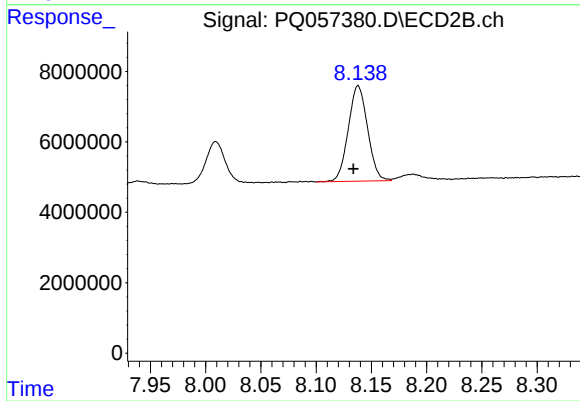
#43 AR-1268-3

R.T.: 7.851 min
Delta R.T.: 0.005 min
Response: 2176848
Conc: 1.55 ng/ml



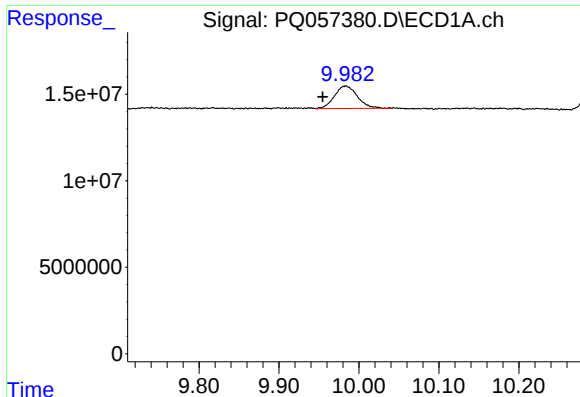
#44 AR-1268-4

R.T.: 9.567 min
Delta R.T.: 0.026 min
Response: 57176027
Conc: 60.05 ng/ml



#44 AR-1268-4

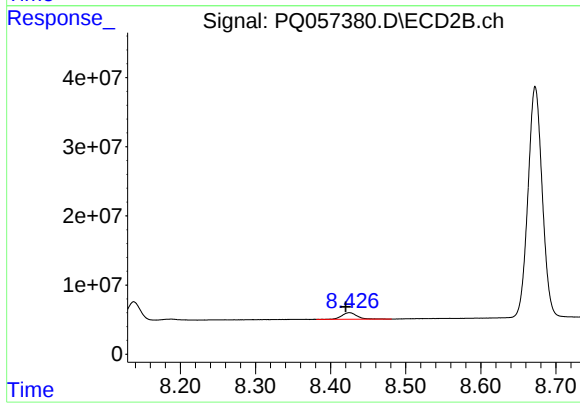
R.T.: 8.138 min
Delta R.T.: 0.004 min
Response: 32937384
Conc: 54.73 ng/ml



#45 AR-1268-5

R.T.: 9.983 min
Delta R.T.: 0.028 min
Response: 25853325
Conc: 3.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.425 min
Delta R.T.: 0.005 min
Response: 13342320
Conc: 2.81 ng/ml