

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021522\
 Data File : PQ056243.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2022 23:47
 Operator : YP\AJ
 Sample : PB142688BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 06:46:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 15 04:32:21 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...	4.683	3.854	293.0E6	259.0E6	19.791	21.698
2)	SA Decachlor...	10.591	8.842	715.8E6	392.1E6	40.073	38.802
Target Compounds							
3)	L1 AR-1016-1	5.866	4.929	39258011	36941131	123.815	121.257
4)	L1 AR-1016-2	5.890	4.948	77188305	65320049	108.352	112.100
5)	L1 AR-1016-3	5.951	5.122	49336343	28383331	102.187	114.827
6)	L1 AR-1016-4	6.052	5.159	38627824	25801333	104.071	106.902
7)	L1 AR-1016-5	6.343	5.372	32206498	31868598	106.676	111.764
8)	L2 AR-1221-1	4.890	4.063	2259542	3401873	14.543	28.994 #
9)	L2 AR-1221-2	4.987	4.151	10248242	7128969	89.400	89.710
10)	L2 AR-1221-3	5.064	4.225	29112382	21319747	77.457	76.717
11)	L3 AR-1232-1	5.064	4.225	29112382	21319747	96.703	93.093
12)	L3 AR-1232-2	5.594	4.948	36811015	65320049	208.695	256.830
13)	L3 AR-1232-3	5.890	5.122	77188305	28383331	239.887	269.904
14)	L3 AR-1232-4	6.052	5.202	38627824	30951241	240.992	279.913
15)	L3 AR-1232-5	6.134	5.372	26760688	31868598	264.407	267.859
16)	L4 AR-1242-1	5.866	4.929	39258011	36941131	150.459	149.552
17)	L4 AR-1242-2	5.890	4.948	77188305	65320049	134.051	137.703
18)	L4 AR-1242-3	5.951	5.122	49336343	28383331	125.483	141.062
19)	L4 AR-1242-4	6.052	5.202	38627824	30951241	128.231	135.408
20)	L4 AR-1242-5	6.793	5.720	4326696	25746714	13.476	93.638 #
21)	L5 AR-1248-1	5.866	4.929	39258011	36941131	204.702	197.454
22)	L5 AR-1248-2	6.134	5.159	26760688	25801333	81.580	79.182
23)	L5 AR-1248-3	6.343	5.202	32206498	30951241	79.949	91.051
24)	L5 AR-1248-4	6.748	5.372	4832538	31868598	10.482	81.537 #
25)	L5 AR-1248-5	6.793	5.764	4326696	3239517	8.091	8.117
26)	L6 AR-1254-1	6.720	5.720	22602709	25746714	54.690	41.518
27)	L6 AR-1254-2	6.936	5.866	25966554	24179405	38.882	45.715
28)	L6 AR-1254-3	7.310	6.280	15366637	44118421	18.826	51.000 #
29)	L6 AR-1254-4	7.595	6.495	10056523	4120695	17.417	6.602 #
30)	L6 AR-1254-5	8.015	6.907	97015395	84111022	124.823	107.628
31)	L7 AR-1260-1	7.469	6.395	56683511	64444810	110.429	115.264
32)	L7 AR-1260-2	7.726	6.581	71697586	76977178	115.749	116.332
33)	L7 AR-1260-3	8.015	6.733	97015395	68905295	108.729	109.908
34)	L7 AR-1260-4	8.325	7.201	63190436	49234995	102.853	92.925
35)	L7 AR-1260-5	8.666	7.440	138.1E6	117.4E6	97.559	93.166
36)	L8 AR-1262-1	8.085	6.907	52781420	84111022	67.504	216.337 #
37)	L8 AR-1262-2	8.666	7.440	138.1E6	117.4E6	82.249	78.755
38)	L8 AR-1262-3	8.993	7.722	28500433	21709208	32.212	37.243
39)	L8 AR-1262-4	9.076	7.785	61752176	82567597	79.378	75.515
40)	L8 AR-1262-5	9.796	8.284	49220437	24210056	60.314	50.427
41)	L9 AR-1268-1	8.993	7.722	28500433	21709208	13.241	12.845

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 Acq On : 15 Feb 2022 23:47
 Operator : YP\AJ
 Sample : PB142688BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

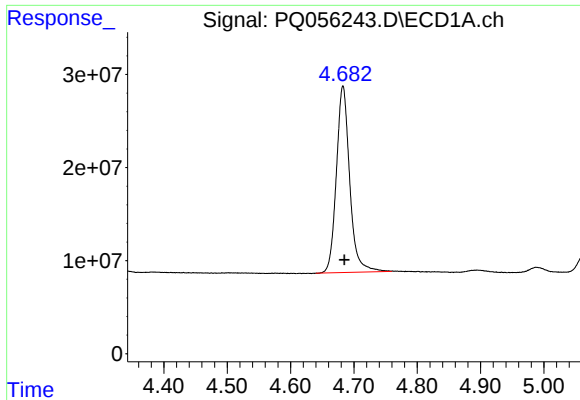
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 06:46:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021422CLP.M
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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	9.076	7.785	61752176	82567597	27.083	52.944 #
43) L9	AR-1268-3	9.332	7.991	5607082	2674330	2.807	2.073 #
44) L9	AR-1268-4	9.796	8.284	49220437	24210056	55.420	45.155
45) L9	AR-1268-5	10.236	8.583	20439392	10003965	3.026	2.447

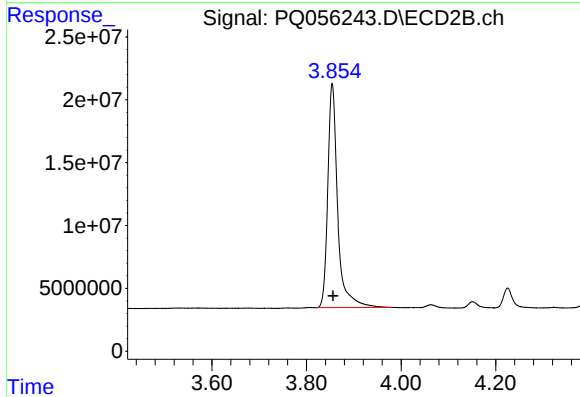
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

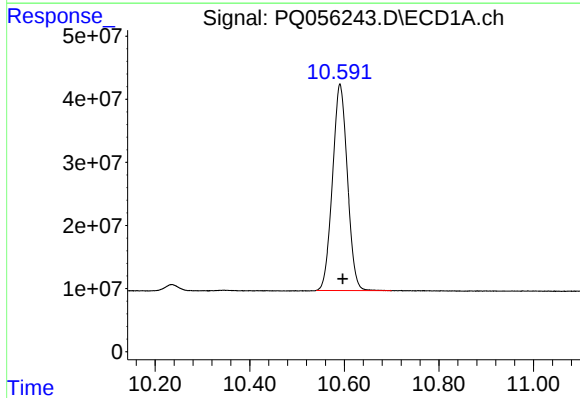
R.T.: 4.683 min
Delta R.T.: -0.002 min
Response: 292990672
Conc: 19.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



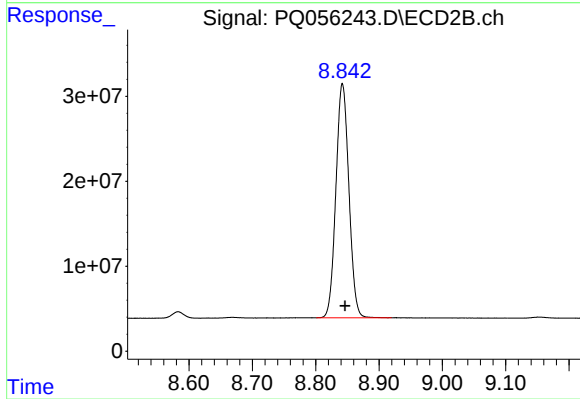
#1 Tetrachloro-m-xylene

R.T.: 3.854 min
Delta R.T.: -0.001 min
Response: 259035896
Conc: 21.70 ng/ml



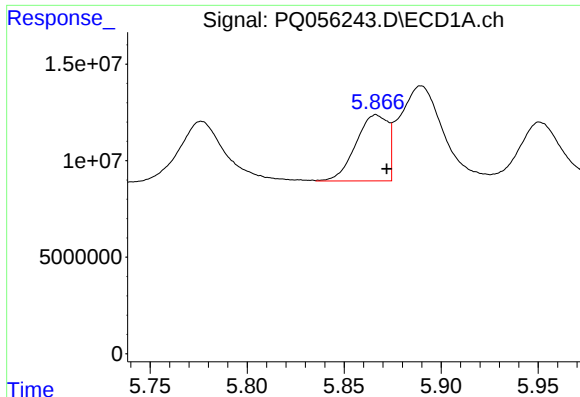
#2 Decachlorobiphenyl

R.T.: 10.591 min
Delta R.T.: -0.006 min
Response: 715779167
Conc: 40.07 ng/ml



#2 Decachlorobiphenyl

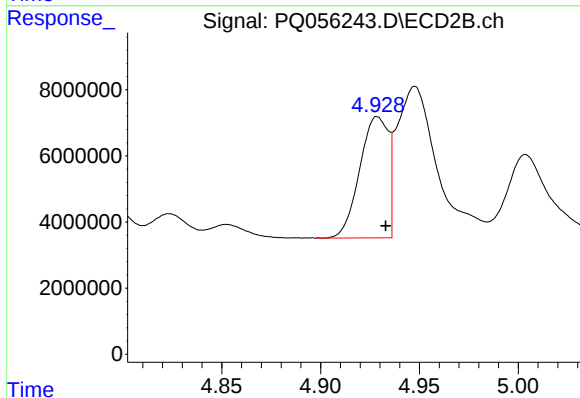
R.T.: 8.842 min
Delta R.T.: -0.004 min
Response: 392130212
Conc: 38.80 ng/ml



#3 AR-1016-1

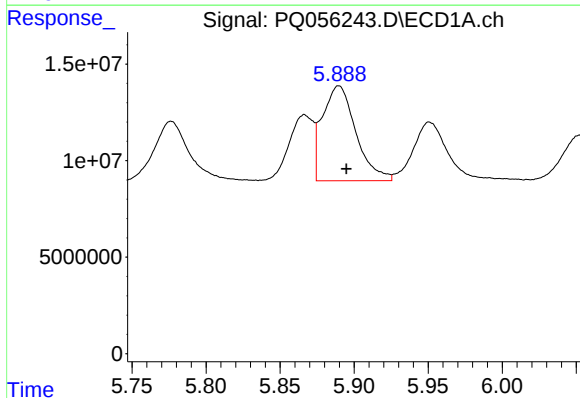
R.T.: 5.866 min
Delta R.T.: -0.006 min
Response: 39258011
Conc: 123.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



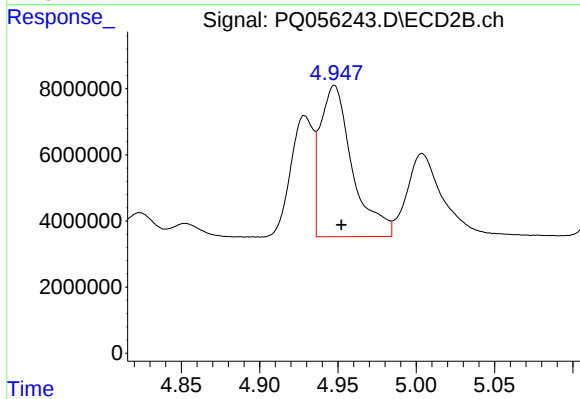
#3 AR-1016-1

R.T.: 4.929 min
Delta R.T.: -0.004 min
Response: 36941131
Conc: 121.26 ng/ml



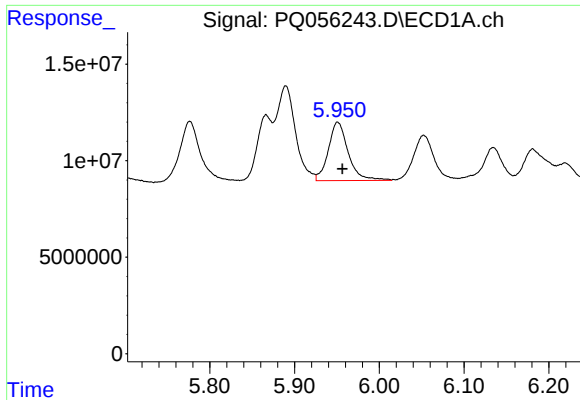
#4 AR-1016-2

R.T.: 5.890 min
Delta R.T.: -0.005 min
Response: 77188305
Conc: 108.35 ng/ml



#4 AR-1016-2

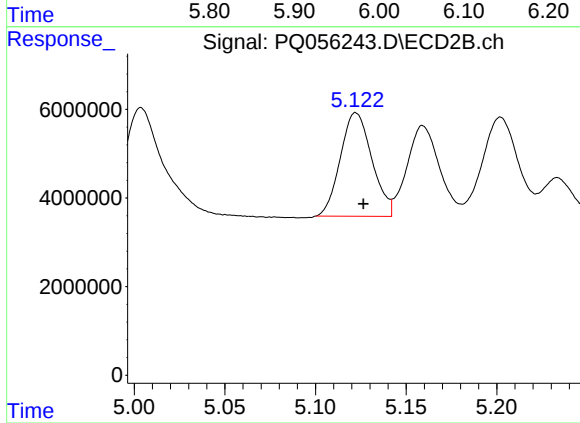
R.T.: 4.948 min
Delta R.T.: -0.004 min
Response: 65320049
Conc: 112.10 ng/ml



#5 AR-1016-3

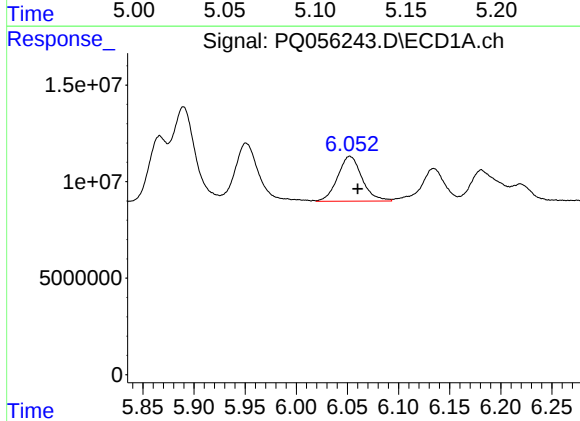
R.T.: 5.951 min
Delta R.T.: -0.006 min
Response: 49336343
Conc: 102.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



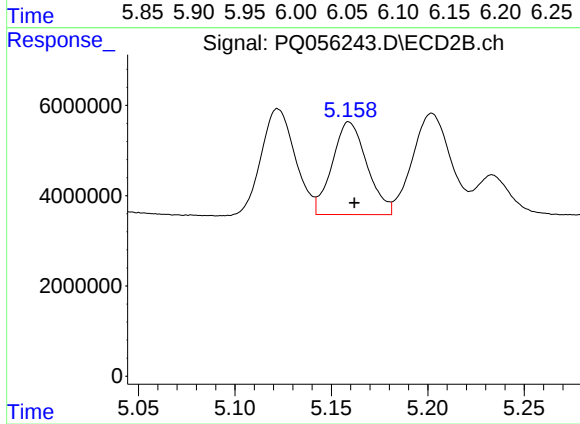
#5 AR-1016-3

R.T.: 5.122 min
Delta R.T.: -0.004 min
Response: 28383331
Conc: 114.83 ng/ml



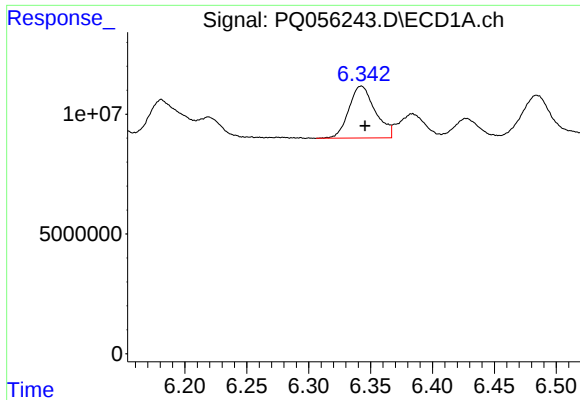
#6 AR-1016-4

R.T.: 6.052 min
Delta R.T.: -0.008 min
Response: 38627824
Conc: 104.07 ng/ml



#6 AR-1016-4

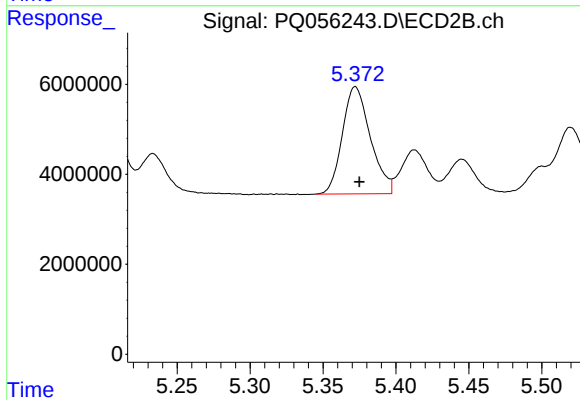
R.T.: 5.159 min
Delta R.T.: -0.003 min
Response: 25801333
Conc: 106.90 ng/ml



#7 AR-1016-5

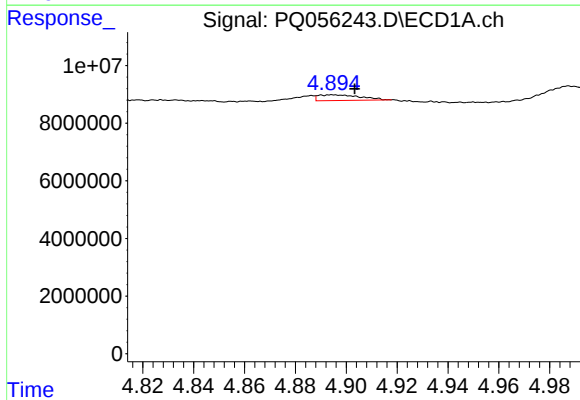
R.T.: 6.343 min
Delta R.T.: -0.003 min
Response: 32206498
Conc: 106.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



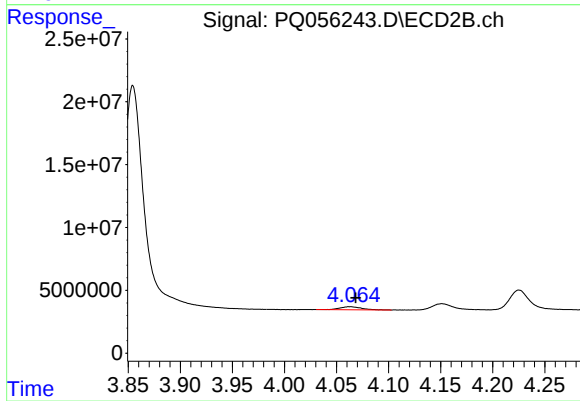
#7 AR-1016-5

R.T.: 5.372 min
Delta R.T.: -0.003 min
Response: 31868598
Conc: 111.76 ng/ml



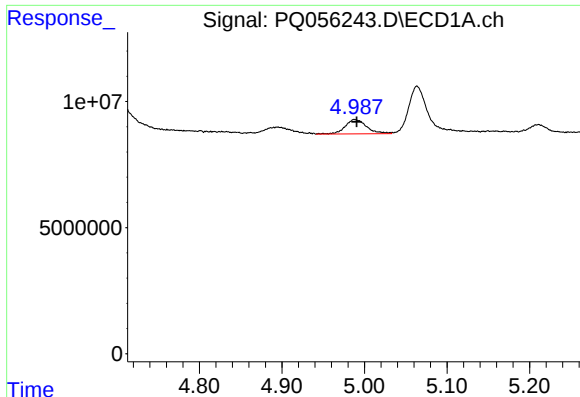
#8 AR-1221-1

R.T.: 4.890 min
Delta R.T.: -0.013 min
Response: 2259542
Conc: 14.54 ng/ml



#8 AR-1221-1

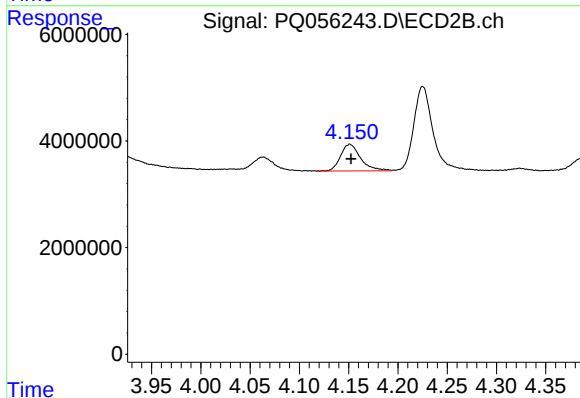
R.T.: 4.063 min
Delta R.T.: -0.005 min
Response: 3401873
Conc: 28.99 ng/ml



#9 AR-1221-2

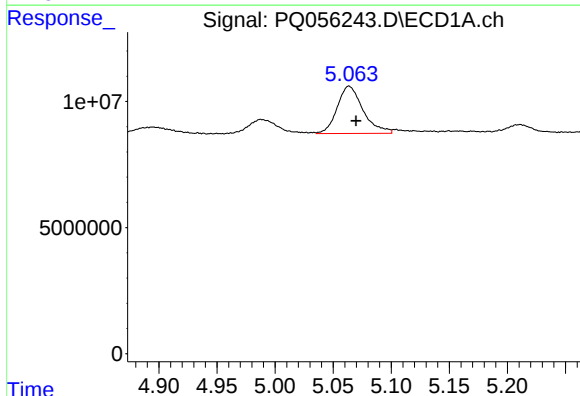
R.T.: 4.987 min
Delta R.T.: -0.003 min
Response: 10248242
Conc: 89.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



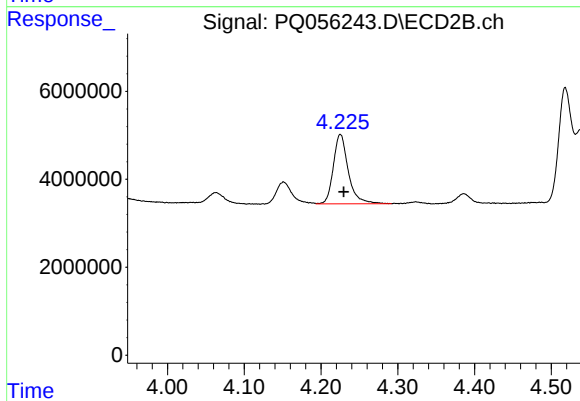
#9 AR-1221-2

R.T.: 4.151 min
Delta R.T.: -0.001 min
Response: 7128969
Conc: 89.71 ng/ml



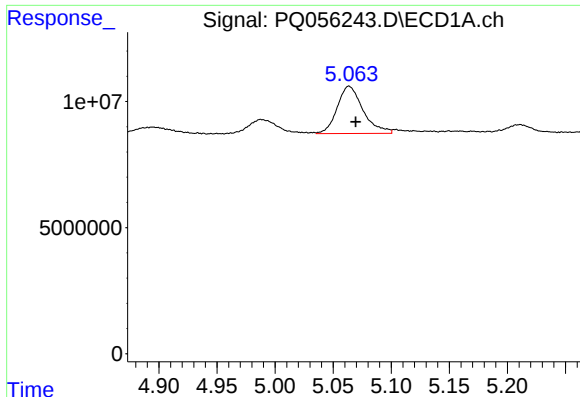
#10 AR-1221-3

R.T.: 5.064 min
Delta R.T.: -0.006 min
Response: 29112382
Conc: 77.46 ng/ml



#10 AR-1221-3

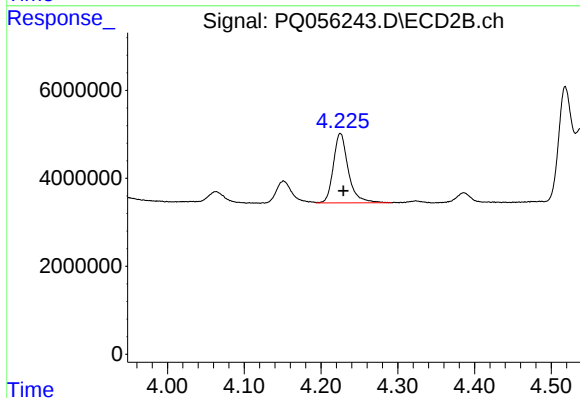
R.T.: 4.225 min
Delta R.T.: -0.004 min
Response: 21319747
Conc: 76.72 ng/ml



#11 AR-1232-1

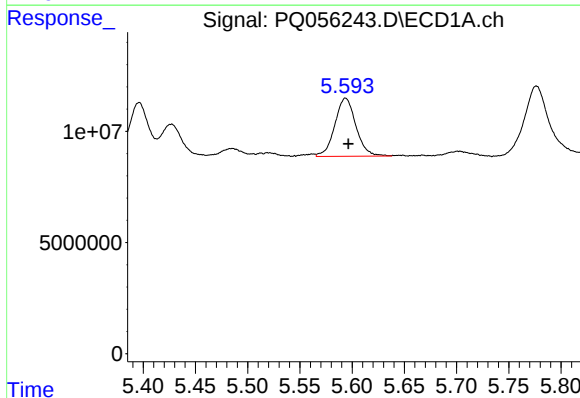
R.T.: 5.064 min
Delta R.T.: -0.006 min
Response: 29112382
Conc: 96.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



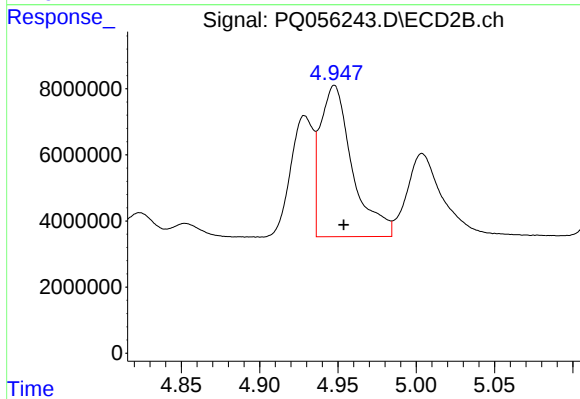
#11 AR-1232-1

R.T.: 4.225 min
Delta R.T.: -0.004 min
Response: 21319747
Conc: 93.09 ng/ml



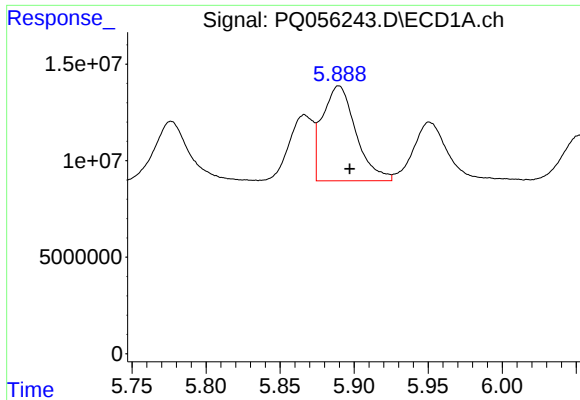
#12 AR-1232-2

R.T.: 5.594 min
Delta R.T.: -0.003 min
Response: 36811015
Conc: 208.70 ng/ml



#12 AR-1232-2

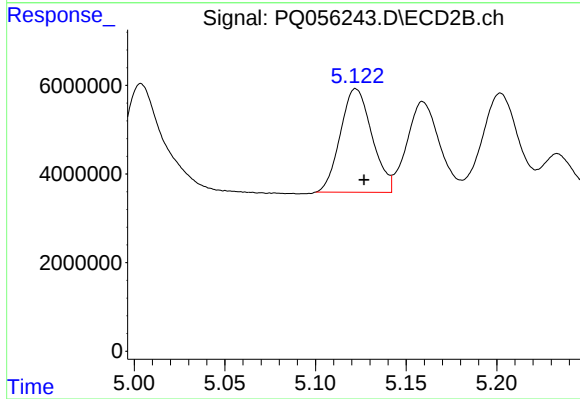
R.T.: 4.948 min
Delta R.T.: -0.006 min
Response: 65320049
Conc: 256.83 ng/ml



#13 AR-1232-3

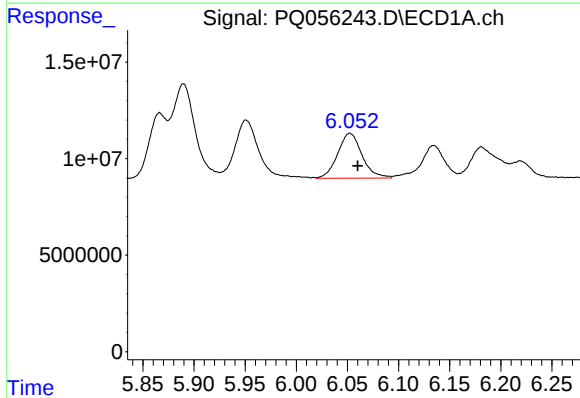
R.T.: 5.890 min
Delta R.T.: -0.008 min
Response: 77188305
Conc: 239.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



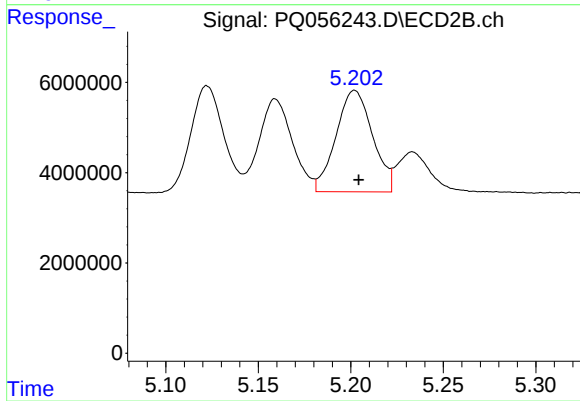
#13 AR-1232-3

R.T.: 5.122 min
Delta R.T.: -0.004 min
Response: 28383331
Conc: 269.90 ng/ml



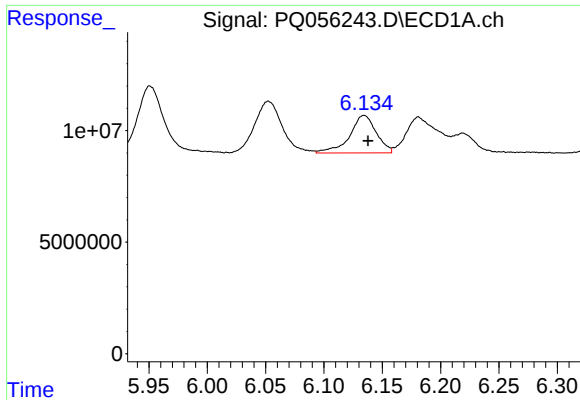
#14 AR-1232-4

R.T.: 6.052 min
Delta R.T.: -0.008 min
Response: 38627824
Conc: 240.99 ng/ml



#14 AR-1232-4

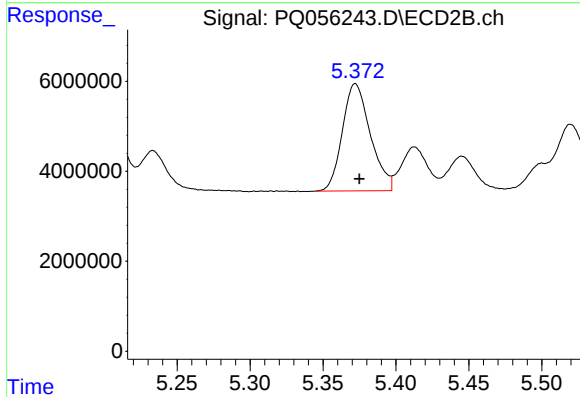
R.T.: 5.202 min
Delta R.T.: -0.002 min
Response: 30951241
Conc: 279.91 ng/ml



#15 AR-1232-5

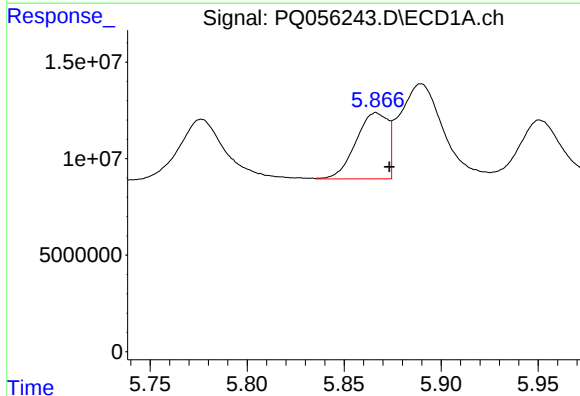
R.T.: 6.134 min
Delta R.T.: -0.003 min
Response: 26760688
Conc: 264.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



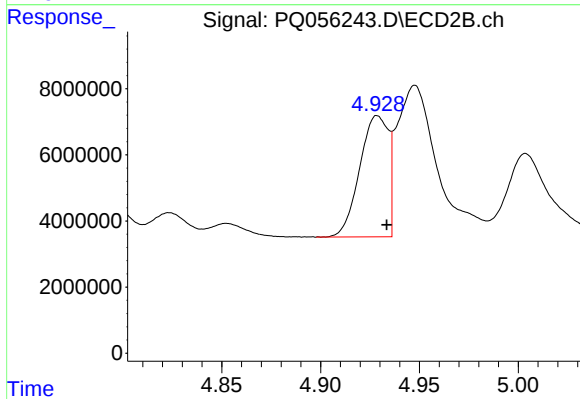
#15 AR-1232-5

R.T.: 5.372 min
Delta R.T.: -0.003 min
Response: 31868598
Conc: 267.86 ng/ml



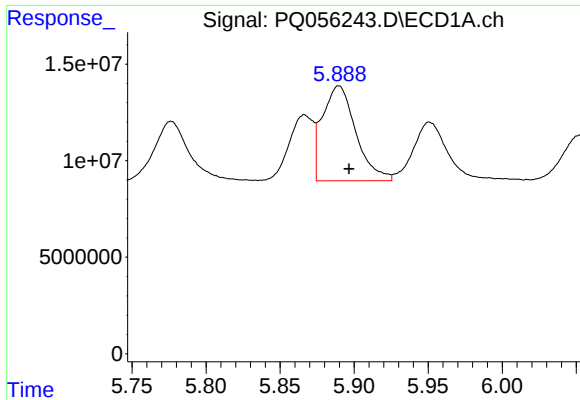
#16 AR-1242-1

R.T.: 5.866 min
Delta R.T.: -0.007 min
Response: 39258011
Conc: 150.46 ng/ml



#16 AR-1242-1

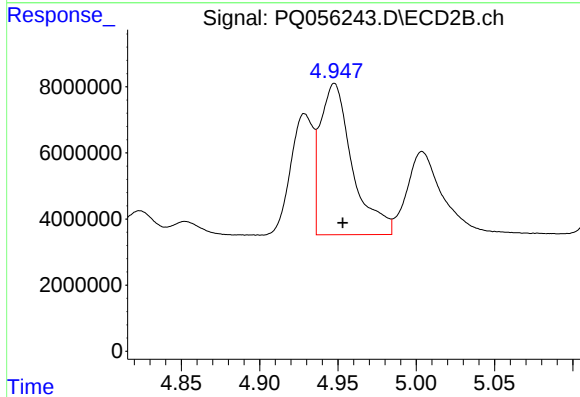
R.T.: 4.929 min
Delta R.T.: -0.005 min
Response: 36941131
Conc: 149.55 ng/ml



#17 AR-1242-2

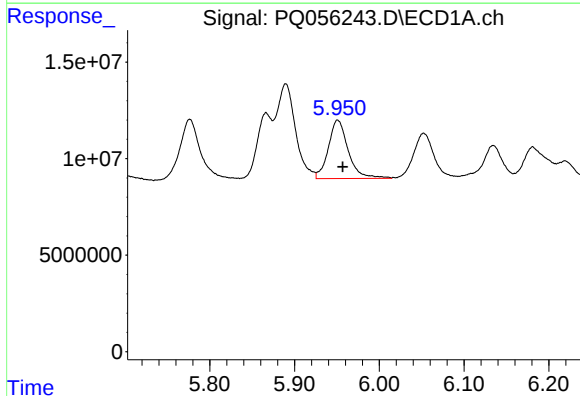
R.T.: 5.890 min
Delta R.T.: -0.007 min
Response: 77188305
Conc: 134.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



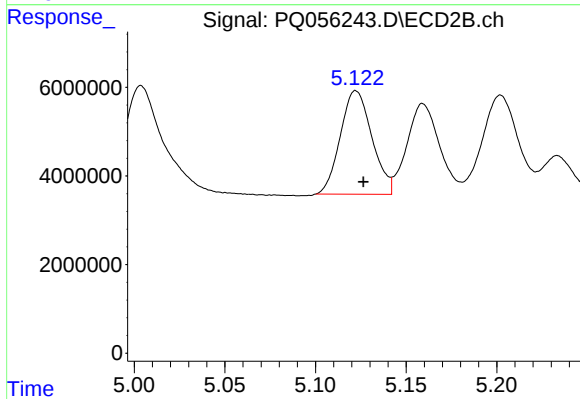
#17 AR-1242-2

R.T.: 4.948 min
Delta R.T.: -0.005 min
Response: 65320049
Conc: 137.70 ng/ml



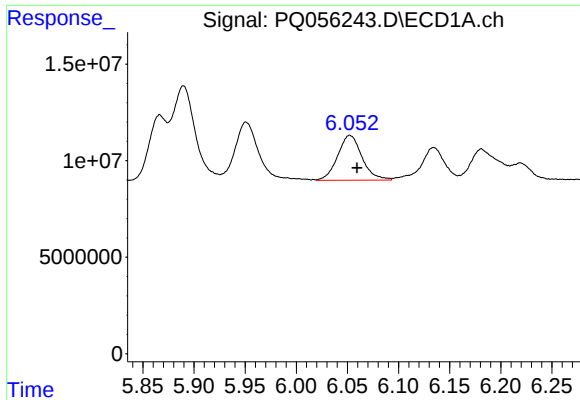
#18 AR-1242-3

R.T.: 5.951 min
Delta R.T.: -0.006 min
Response: 49336343
Conc: 125.48 ng/ml



#18 AR-1242-3

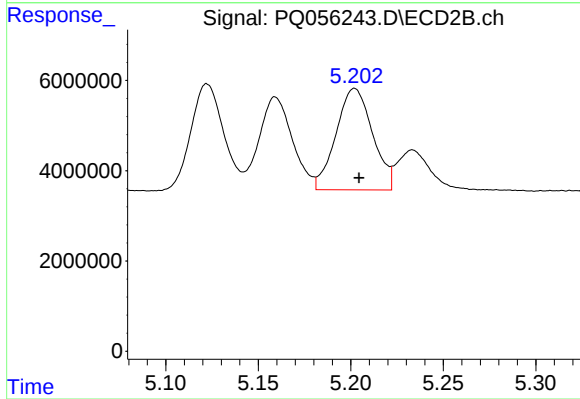
R.T.: 5.122 min
Delta R.T.: -0.004 min
Response: 28383331
Conc: 141.06 ng/ml



#19 AR-1242-4

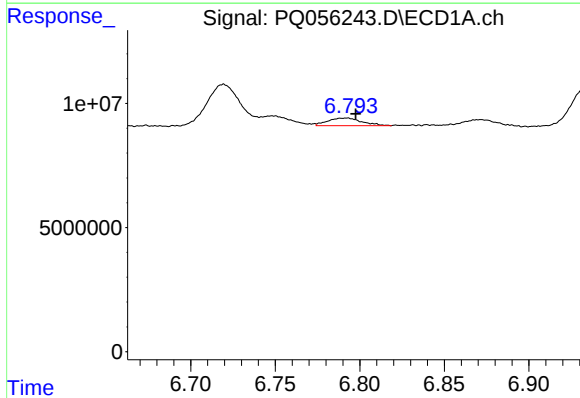
R.T.: 6.052 min
Delta R.T.: -0.007 min
Response: 38627824
Conc: 128.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



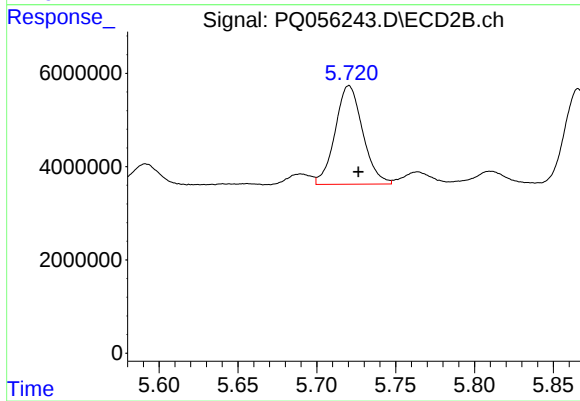
#19 AR-1242-4

R.T.: 5.202 min
Delta R.T.: -0.002 min
Response: 30951241
Conc: 135.41 ng/ml



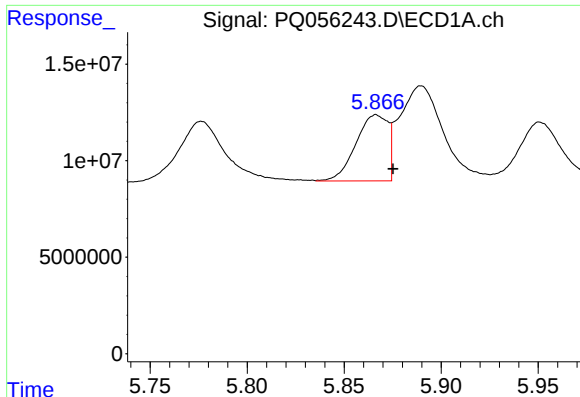
#20 AR-1242-5

R.T.: 6.793 min
Delta R.T.: -0.005 min
Response: 4326696
Conc: 13.48 ng/ml



#20 AR-1242-5

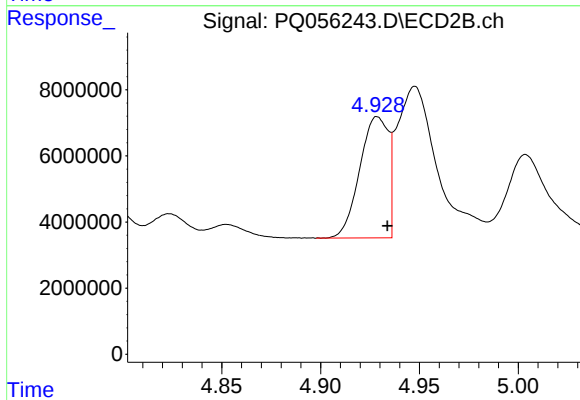
R.T.: 5.720 min
Delta R.T.: -0.006 min
Response: 25746714
Conc: 93.64 ng/ml



#21 AR-1248-1

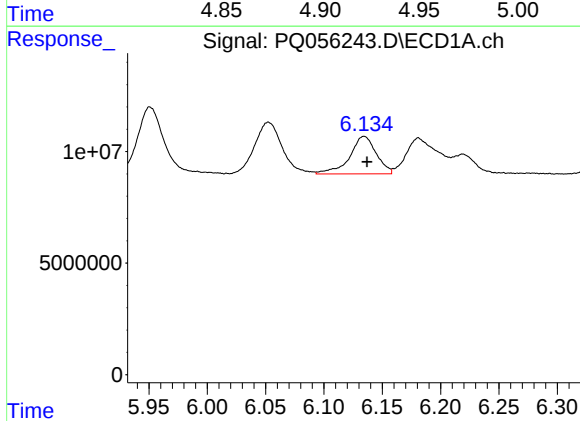
R.T.: 5.866 min
Delta R.T.: -0.009 min
Response: 39258011
Conc: 204.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



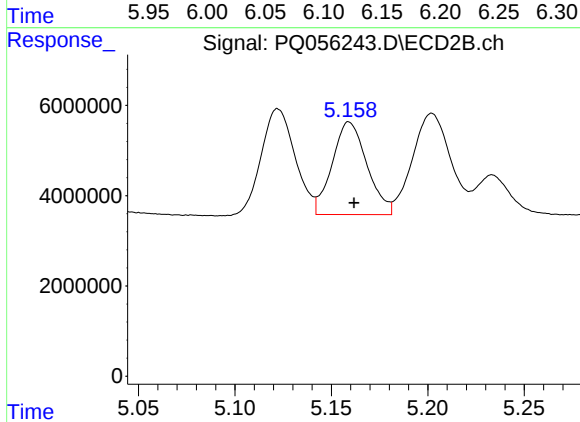
#21 AR-1248-1

R.T.: 4.929 min
Delta R.T.: -0.005 min
Response: 36941131
Conc: 197.45 ng/ml



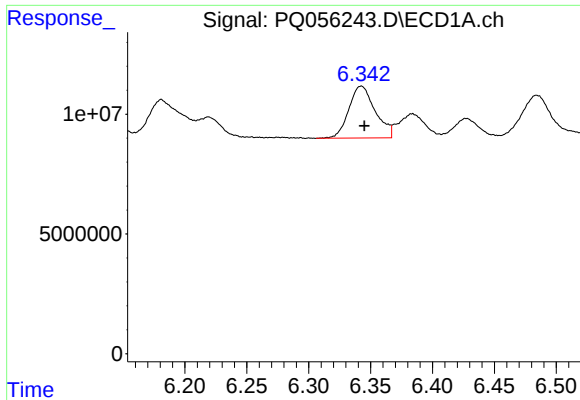
#22 AR-1248-2

R.T.: 6.134 min
Delta R.T.: -0.003 min
Response: 26760688
Conc: 81.58 ng/ml



#22 AR-1248-2

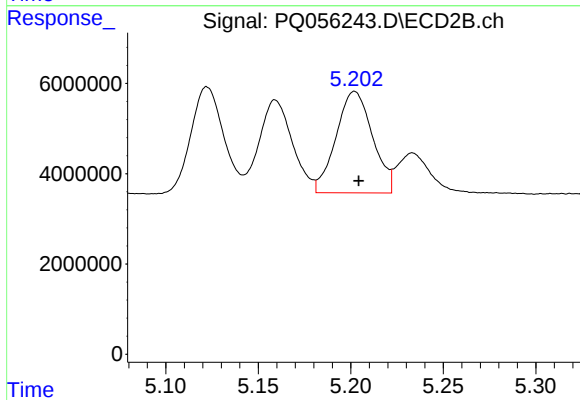
R.T.: 5.159 min
Delta R.T.: -0.003 min
Response: 25801333
Conc: 79.18 ng/ml



#23 AR-1248-3

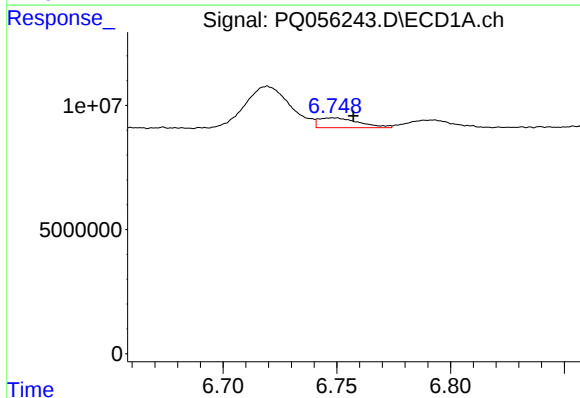
R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 32206498
Conc: 79.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



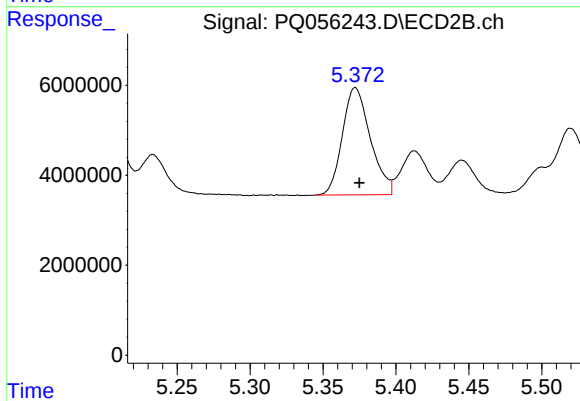
#23 AR-1248-3

R.T.: 5.202 min
Delta R.T.: -0.002 min
Response: 30951241
Conc: 91.05 ng/ml



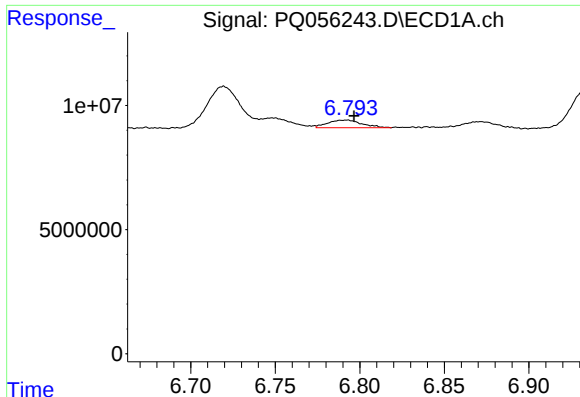
#24 AR-1248-4

R.T.: 6.748 min
Delta R.T.: -0.009 min
Response: 4832538
Conc: 10.48 ng/ml



#24 AR-1248-4

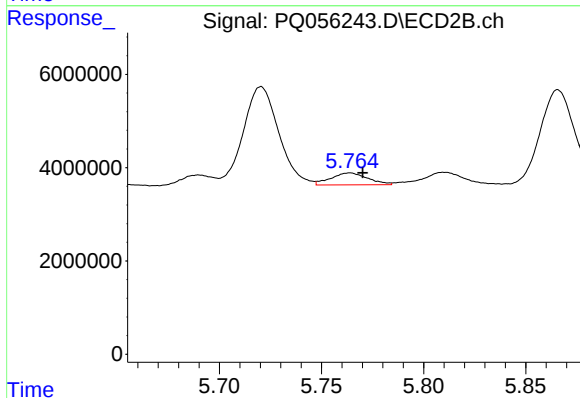
R.T.: 5.372 min
Delta R.T.: -0.003 min
Response: 31868598
Conc: 81.54 ng/ml



#25 AR-1248-5

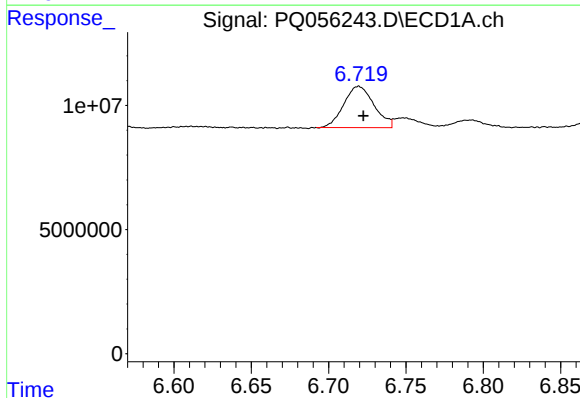
R.T.: 6.793 min
Delta R.T.: -0.004 min
Response: 4326696
Conc: 8.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



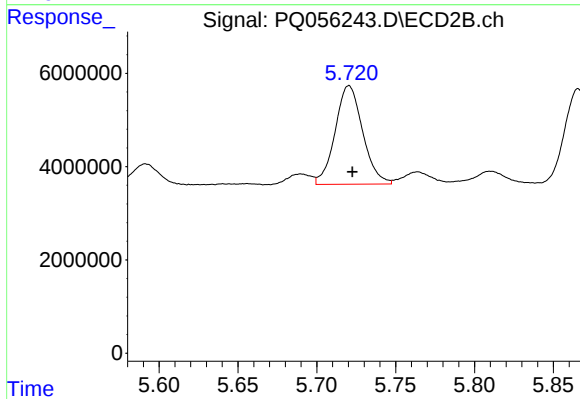
#25 AR-1248-5

R.T.: 5.764 min
Delta R.T.: -0.006 min
Response: 3239517
Conc: 8.12 ng/ml



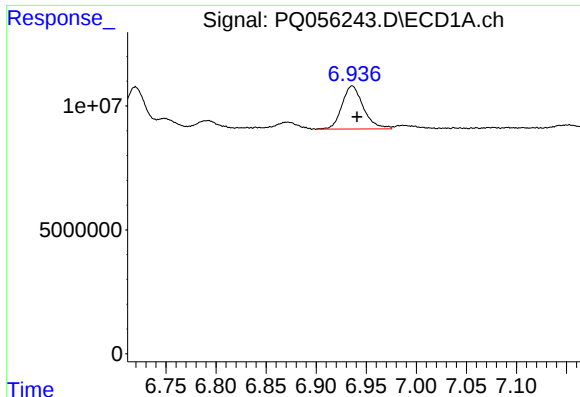
#26 AR-1254-1

R.T.: 6.720 min
Delta R.T.: -0.003 min
Response: 22602709
Conc: 54.69 ng/ml



#26 AR-1254-1

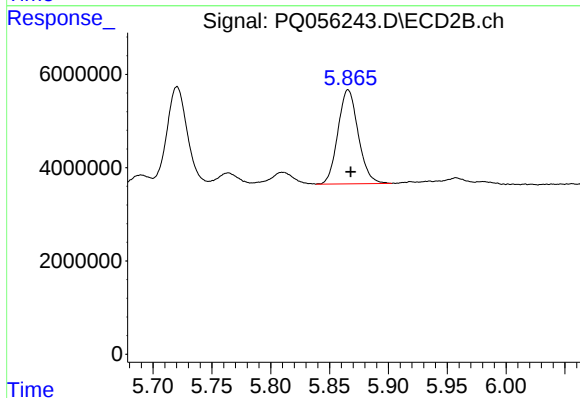
R.T.: 5.720 min
Delta R.T.: -0.002 min
Response: 25746714
Conc: 41.52 ng/ml



#27 AR-1254-2

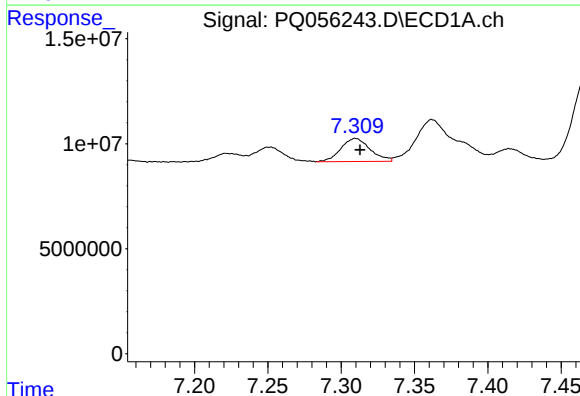
R.T.: 6.936 min
Delta R.T.: -0.005 min
Response: 25966554
Conc: 38.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



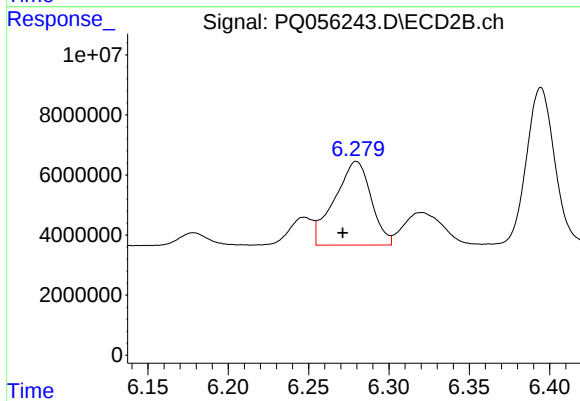
#27 AR-1254-2

R.T.: 5.866 min
Delta R.T.: -0.002 min
Response: 24179405
Conc: 45.72 ng/ml



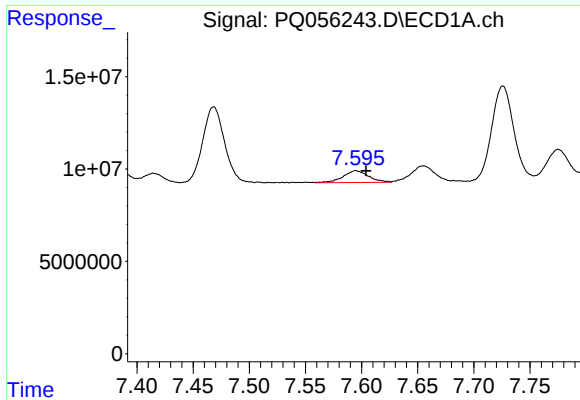
#28 AR-1254-3

R.T.: 7.310 min
Delta R.T.: -0.003 min
Response: 15366637
Conc: 18.83 ng/ml



#28 AR-1254-3

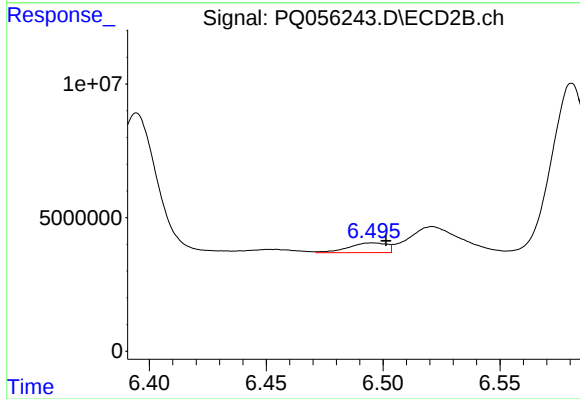
R.T.: 6.280 min
Delta R.T.: 0.008 min
Response: 44118421
Conc: 51.00 ng/ml



#29 AR-1254-4

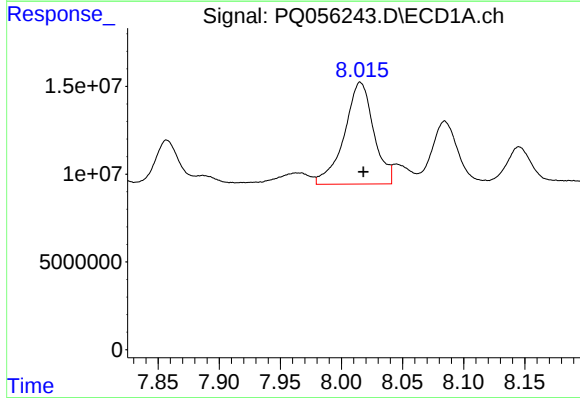
R.T.: 7.595 min
Delta R.T.: -0.009 min
Response: 10056523
Conc: 17.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



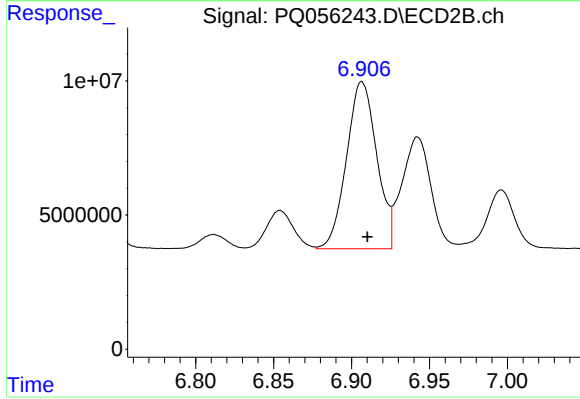
#29 AR-1254-4

R.T.: 6.495 min
Delta R.T.: -0.006 min
Response: 4120695
Conc: 6.60 ng/ml



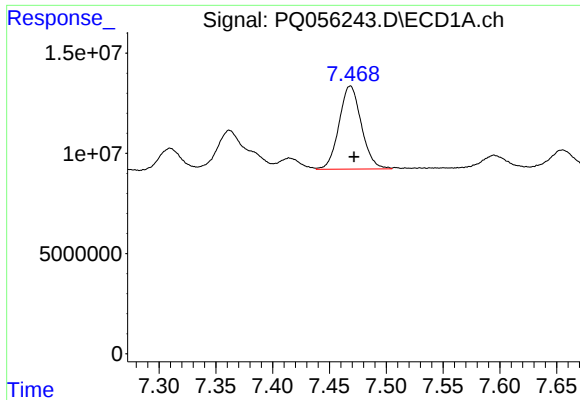
#30 AR-1254-5

R.T.: 8.015 min
Delta R.T.: -0.003 min
Response: 97015395
Conc: 124.82 ng/ml



#30 AR-1254-5

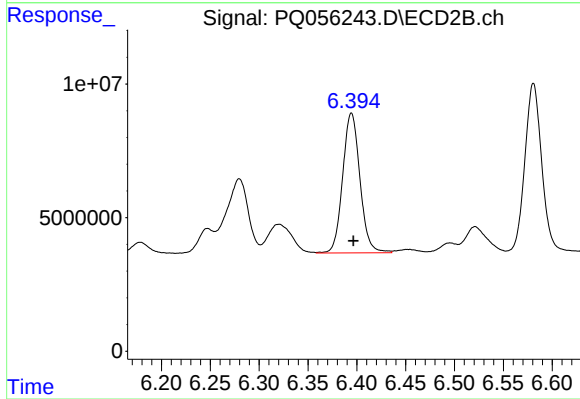
R.T.: 6.907 min
Delta R.T.: -0.003 min
Response: 84111022
Conc: 107.63 ng/ml



#31 AR-1260-1

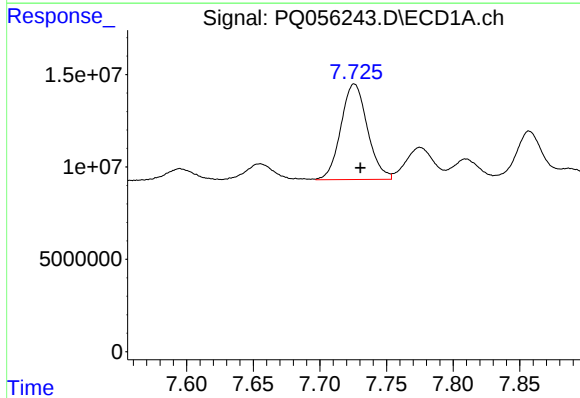
R.T.: 7.469 min
Delta R.T.: -0.003 min
Response: 56683511
Conc: 110.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



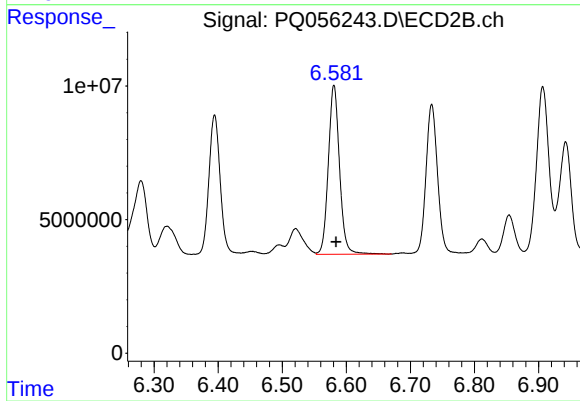
#31 AR-1260-1

R.T.: 6.395 min
Delta R.T.: -0.002 min
Response: 64444810
Conc: 115.26 ng/ml



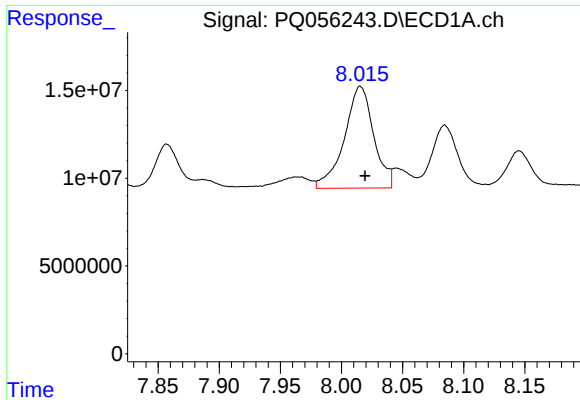
#32 AR-1260-2

R.T.: 7.726 min
Delta R.T.: -0.005 min
Response: 71697586
Conc: 115.75 ng/ml



#32 AR-1260-2

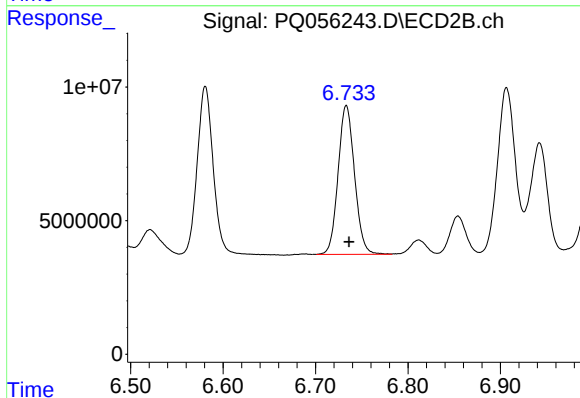
R.T.: 6.581 min
Delta R.T.: -0.003 min
Response: 76977178
Conc: 116.33 ng/ml



#33 AR-1260-3

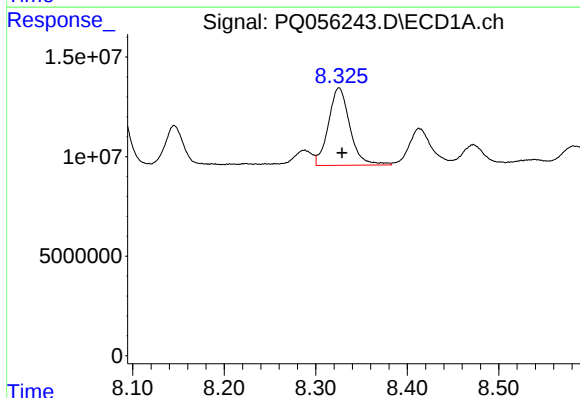
R.T.: 8.015 min
Delta R.T.: -0.004 min
Response: 97015395
Conc: 108.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



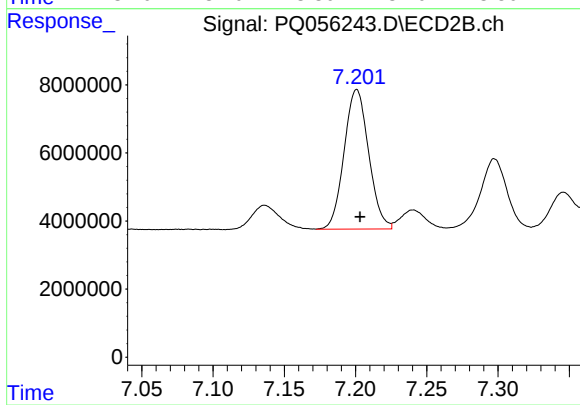
#33 AR-1260-3

R.T.: 6.733 min
Delta R.T.: -0.003 min
Response: 68905295
Conc: 109.91 ng/ml



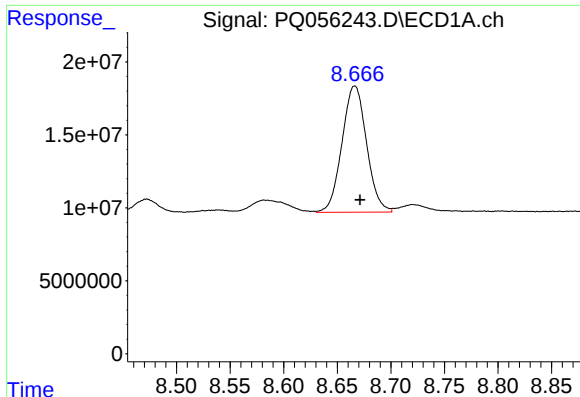
#34 AR-1260-4

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 63190436
Conc: 102.85 ng/ml



#34 AR-1260-4

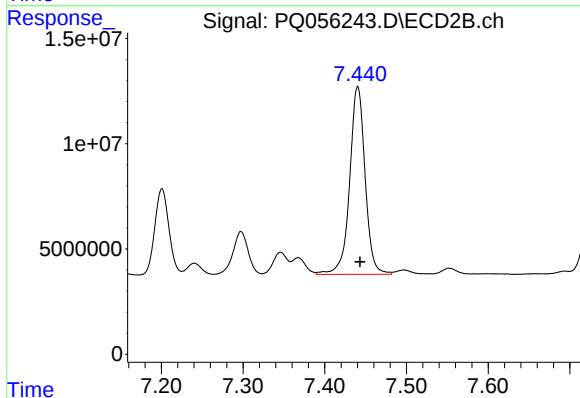
R.T.: 7.201 min
Delta R.T.: -0.002 min
Response: 49234995
Conc: 92.92 ng/ml



#35 AR-1260-5

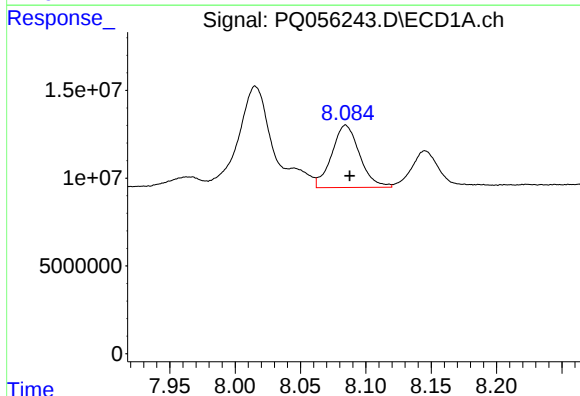
R.T.: 8.666 min
Delta R.T.: -0.005 min
Response: 138101964
Conc: 97.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



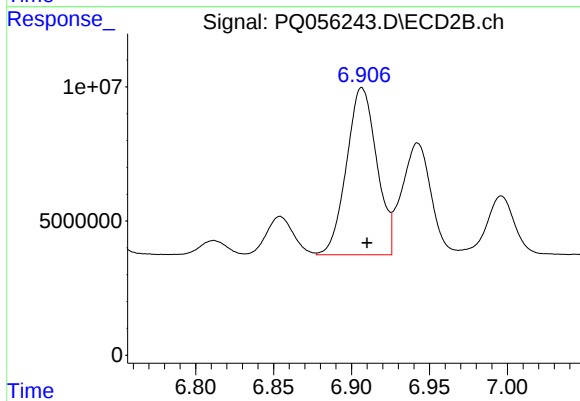
#35 AR-1260-5

R.T.: 7.440 min
Delta R.T.: -0.003 min
Response: 117362282
Conc: 93.17 ng/ml



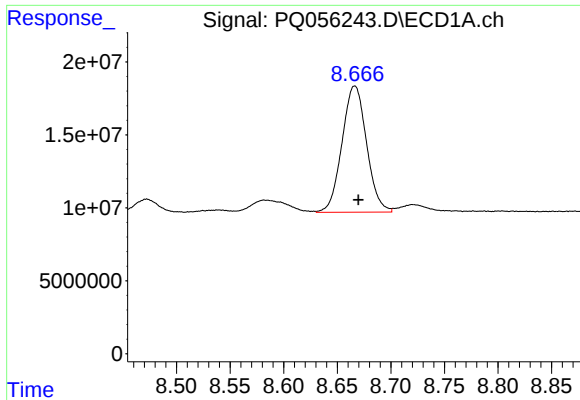
#36 AR-1262-1

R.T.: 8.085 min
Delta R.T.: -0.003 min
Response: 52781420
Conc: 67.50 ng/ml



#36 AR-1262-1

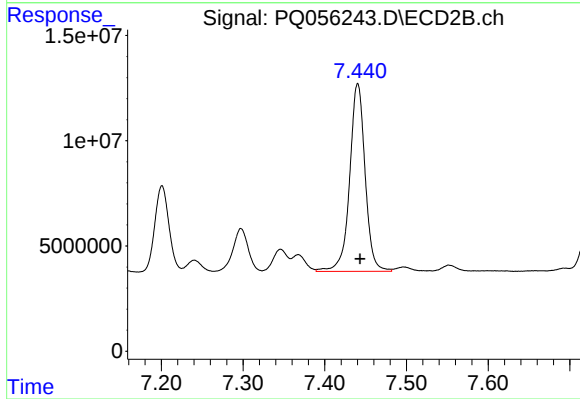
R.T.: 6.907 min
Delta R.T.: -0.003 min
Response: 84111022
Conc: 216.34 ng/ml



#37 AR-1262-2

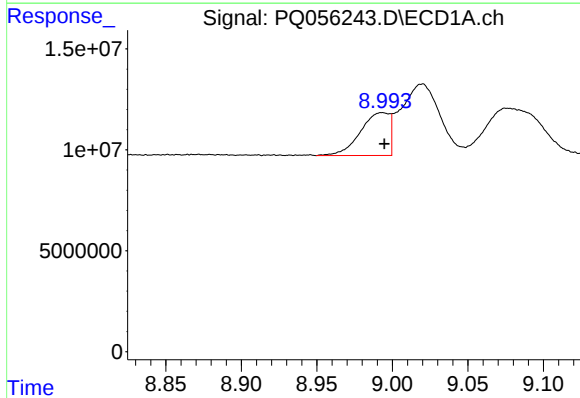
R.T.: 8.666 min
Delta R.T.: -0.004 min
Response: 138101964
Conc: 82.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



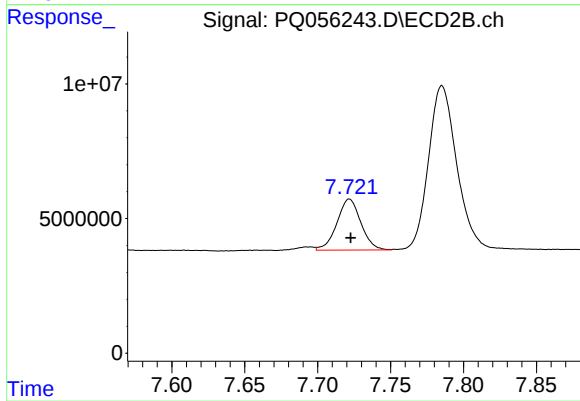
#37 AR-1262-2

R.T.: 7.440 min
Delta R.T.: -0.003 min
Response: 117362282
Conc: 78.76 ng/ml



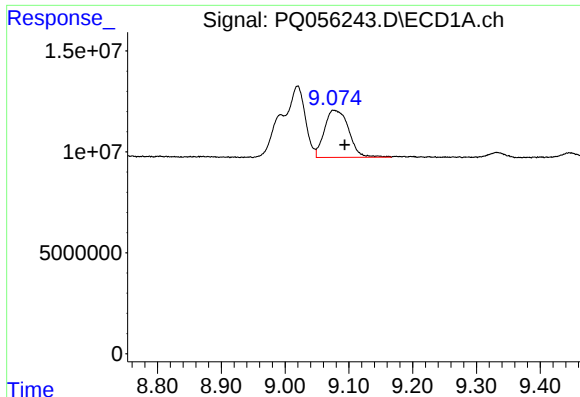
#38 AR-1262-3

R.T.: 8.993 min
Delta R.T.: -0.001 min
Response: 28500433
Conc: 32.21 ng/ml



#38 AR-1262-3

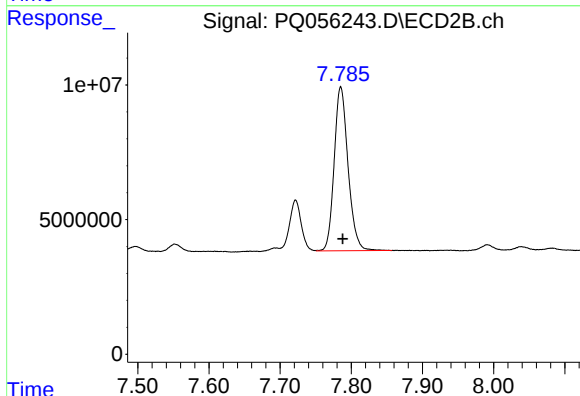
R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 21709208
Conc: 37.24 ng/ml



#39 AR-1262-4

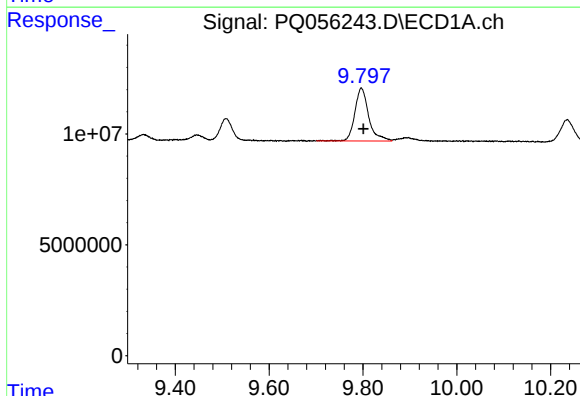
R.T.: 9.076 min
Delta R.T.: -0.017 min
Response: 61752176
Conc: 79.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



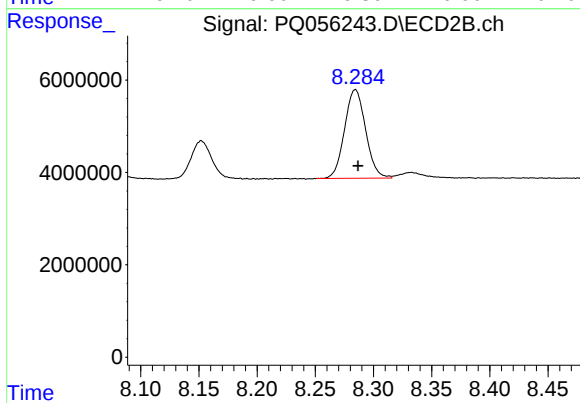
#39 AR-1262-4

R.T.: 7.785 min
Delta R.T.: -0.003 min
Response: 82567597
Conc: 75.52 ng/ml



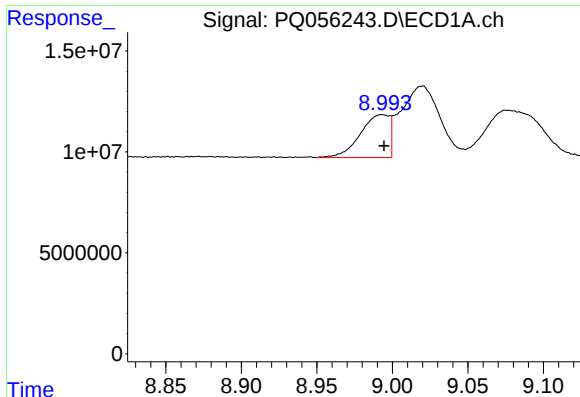
#40 AR-1262-5

R.T.: 9.796 min
Delta R.T.: -0.004 min
Response: 49220437
Conc: 60.31 ng/ml



#40 AR-1262-5

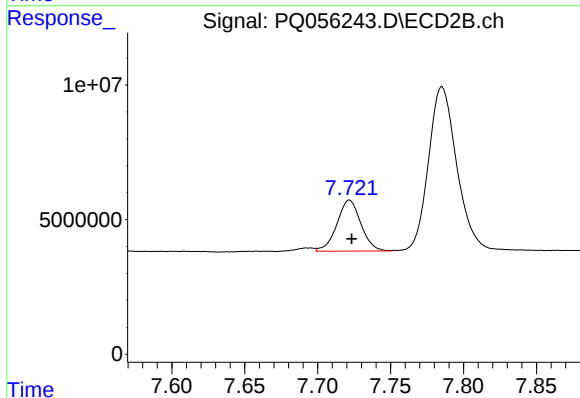
R.T.: 8.284 min
Delta R.T.: -0.002 min
Response: 24210056
Conc: 50.43 ng/ml



#41 AR-1268-1

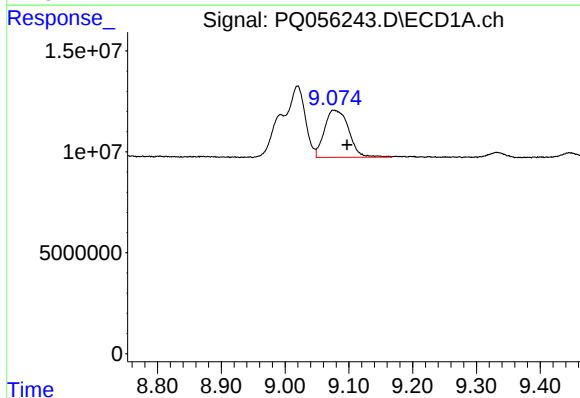
R.T.: 8.993 min
Delta R.T.: -0.001 min
Response: 28500433
Conc: 13.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



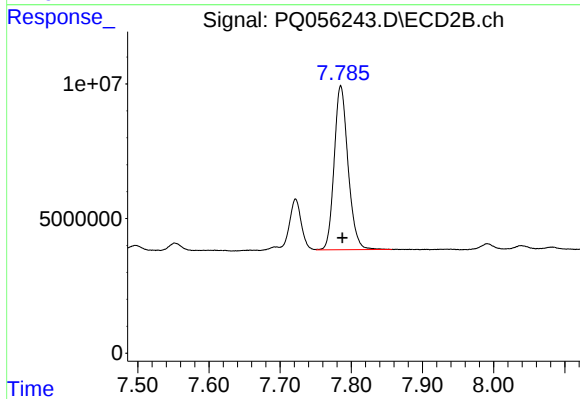
#41 AR-1268-1

R.T.: 7.722 min
Delta R.T.: -0.002 min
Response: 21709208
Conc: 12.85 ng/ml



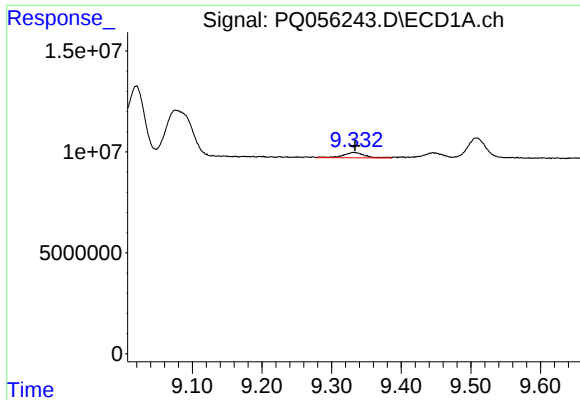
#42 AR-1268-2

R.T.: 9.076 min
Delta R.T.: -0.021 min
Response: 61752176
Conc: 27.08 ng/ml



#42 AR-1268-2

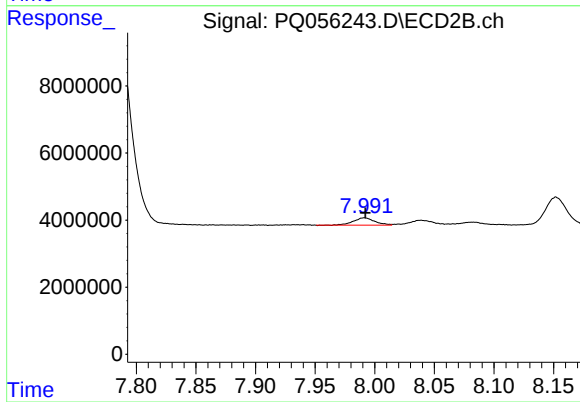
R.T.: 7.785 min
Delta R.T.: -0.003 min
Response: 82567597
Conc: 52.94 ng/ml



#43 AR-1268-3

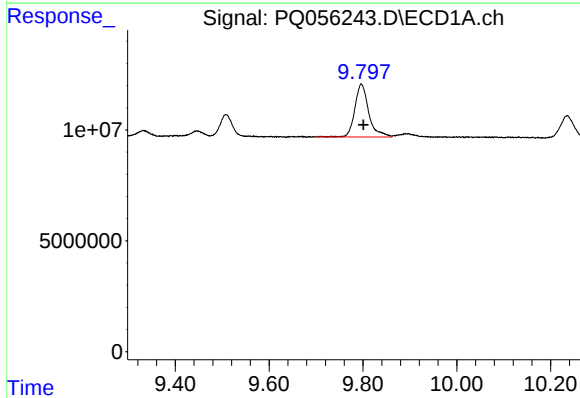
R.T.: 9.332 min
Delta R.T.: -0.002 min
Response: 5607082
Conc: 2.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



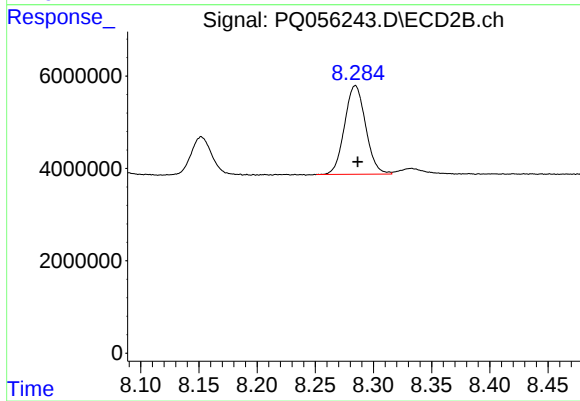
#43 AR-1268-3

R.T.: 7.991 min
Delta R.T.: -0.001 min
Response: 2674330
Conc: 2.07 ng/ml



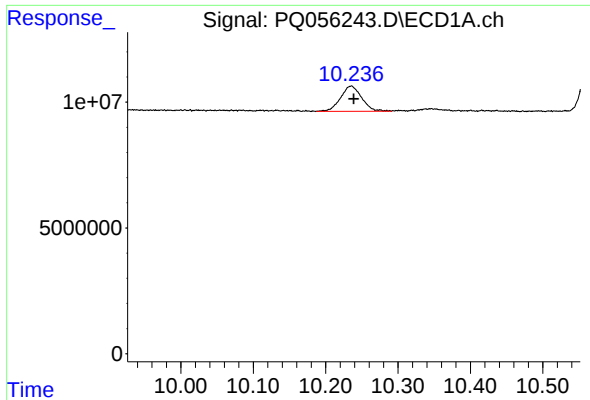
#44 AR-1268-4

R.T.: 9.796 min
Delta R.T.: -0.005 min
Response: 49220437
Conc: 55.42 ng/ml



#44 AR-1268-4

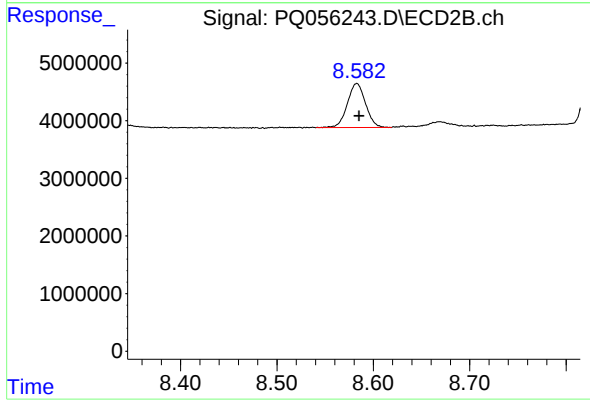
R.T.: 8.284 min
Delta R.T.: -0.002 min
Response: 24210056
Conc: 45.16 ng/ml



#45 AR-1268-5

R.T.: 10.236 min
Delta R.T.: -0.003 min
Response: 20439392
Conc: 3.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.583 min
Delta R.T.: -0.002 min
Response: 10003965
Conc: 2.45 ng/ml