

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101122\
 Data File : PQ059610.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2022 12:41
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 17:36:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 06 10:42:33 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...	3.483	2.829	264.4E6	179.3E6	19.201	19.795
2)	SA Decachlor...	8.652	7.603	216.5E6	324.7E6	43.601	42.520
Target Compounds							
3)	L1 AR-1016-1	4.583	3.836	169.1E6	113.0E6	403.261	400.591
4)	L1 AR-1016-2	4.603	3.852	248.2E6	170.2E6	400.341	400.617
5)	L1 AR-1016-3	4.661	4.014	158.3E6	89100482	401.110	400.604
6)	L1 AR-1016-4	4.753	4.061	130.4E6	69312994	395.920	405.426
7)	L1 AR-1016-5	5.039	4.257	125.8E6	90796490	400.917	403.008
8)	L2 AR-1221-1	3.679	3.031	17513461	11413517	118.398	114.904
9)	L2 AR-1221-2	3.762	3.108	22103523	14686251	213.569	214.554
10)	L2 AR-1221-3	3.831	3.177	90558825	62732437	272.003	273.537
11)	L3 AR-1232-1	3.831	3.177	90558825	62732437	321.782	325.790
12)	L3 AR-1232-2	4.326	3.852	126.4E6	170.2E6	860.226	903.456
13)	L3 AR-1232-3	4.603	4.014	248.2E6	89100482	869.681	913.688
14)	L3 AR-1232-4	4.753	4.098	130.4E6	81170894	871.368	994.355
15)	L3 AR-1232-5	4.848	4.257	98545163	90796490	938.876	950.894
16)	L4 AR-1242-1	4.583	3.836	169.1E6	113.0E6	485.498	486.814
17)	L4 AR-1242-2	4.603	3.852	248.2E6	170.2E6	485.225	488.137
18)	L4 AR-1242-3	4.661	4.014	158.3E6	89100482	489.549	487.610
19)	L4 AR-1242-4	4.753	4.098	130.4E6	81170894	483.813	481.232
20)	L4 AR-1242-5	5.466	4.594	35810417	88423094	133.247	399.731 #
21)	L5 AR-1248-1	4.583	3.836	169.1E6	113.0E6	637.650	635.395
22)	L5 AR-1248-2	4.848	4.061	98545163	69312994	276.413	274.553
23)	L5 AR-1248-3	5.039	4.098	125.8E6	81170894	292.829	321.497
24)	L5 AR-1248-4	5.430	4.257	41685612	90796490	89.682	290.697 #
25)	L5 AR-1248-5	5.466	4.632	35810417	22151043	77.791	70.499
26)	L6 AR-1254-1	5.403	4.594	112.3E6	88423094	234.155	180.865
27)	L6 AR-1254-2	5.619	4.739	104.1E6	63921348	140.030	147.601
28)	L6 AR-1254-3	5.972	5.141	47827634	125.1E6	61.127	180.480 #
29)	L6 AR-1254-4	6.253	5.347	29787963	10750823	54.492	24.973 #
30)	L6 AR-1254-5	6.665	5.752	296.0E6	254.7E6	499.235	411.415
31)	L7 AR-1260-1	6.136	5.251	236.0E6	184.8E6	424.275	410.150
32)	L7 AR-1260-2	6.393	5.438	272.0E6	224.9E6	426.028	408.974
33)	L7 AR-1260-3	6.746	5.582	186.3E6	211.0E6	416.471	406.689
34)	L7 AR-1260-4	6.963	6.043	201.1E6	178.6E6	417.100	403.982
35)	L7 AR-1260-5	7.272	6.286	363.1E6	423.6E6	411.865	415.322
36)	L8 AR-1262-1	6.746	5.795	186.3E6	182.1E6	267.859	285.783
37)	L8 AR-1262-2	7.272	6.286	363.1E6	423.6E6	334.057	362.142
38)	L8 AR-1262-3	7.550	6.565	210.3E6	93491551	316.385	203.017 #
39)	L8 AR-1262-4	7.619	6.623	126.3E6	309.7E6	401.500	353.435
40)	L8 AR-1262-5	8.123	7.117	75329471	107.9E6	263.902	271.430
41)	L9 AR-1268-1	7.550	6.565	210.3E6	93491551	180.049	66.455 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101122\
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 Acq On : 11 Oct 2022 12:41
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

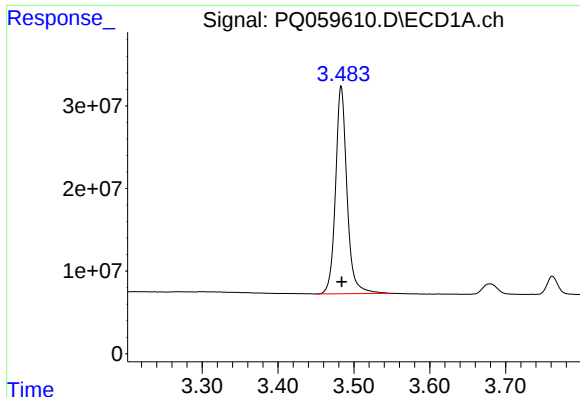
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 17:36:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
 Quant Title : GC EXTRACTABLES
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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	7.619	6.623	126.3E6	309.7E6	120.692	239.387 #
43) L9	AR-1268-3	7.803	6.829	3871692	5381107	4.606	4.874
44) L9	AR-1268-4	8.123	7.117	75329471	107.9E6	233.269	238.130
45) L9	AR-1268-5	8.417	7.386	19680962	30519280	8.738	8.535

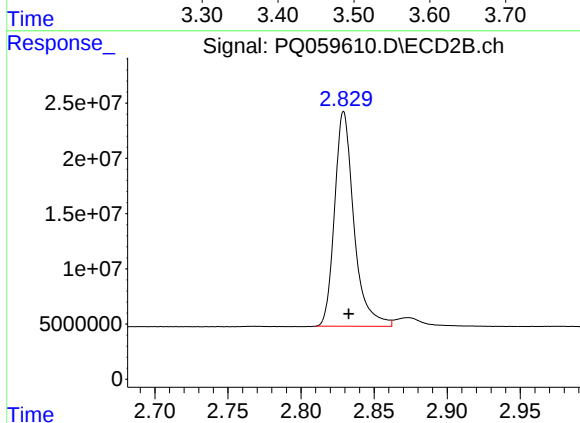
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

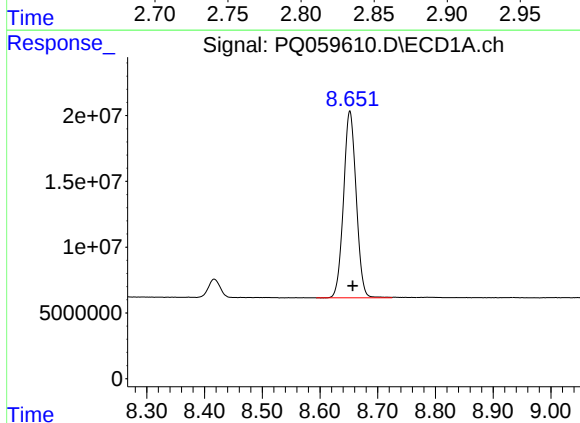
R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 264381347
Conc: 19.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



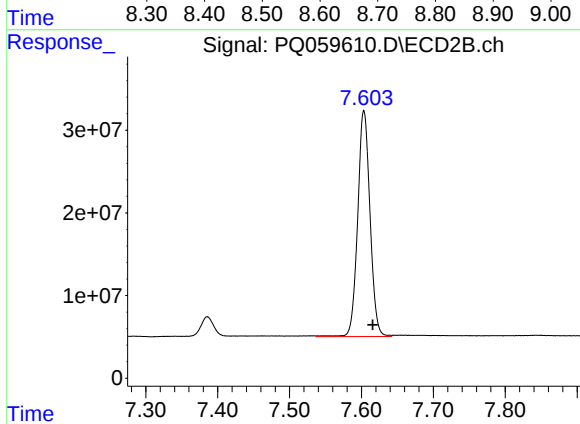
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: -0.003 min
Response: 179312556
Conc: 19.79 ng/ml



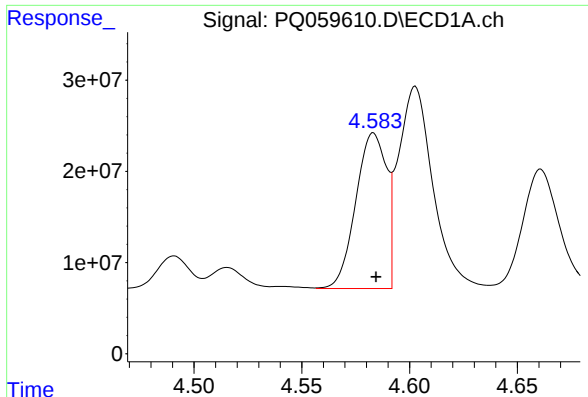
#2 Decachlorobiphenyl

R.T.: 8.652 min
Delta R.T.: -0.005 min
Response: 216528037
Conc: 43.60 ng/ml



#2 Decachlorobiphenyl

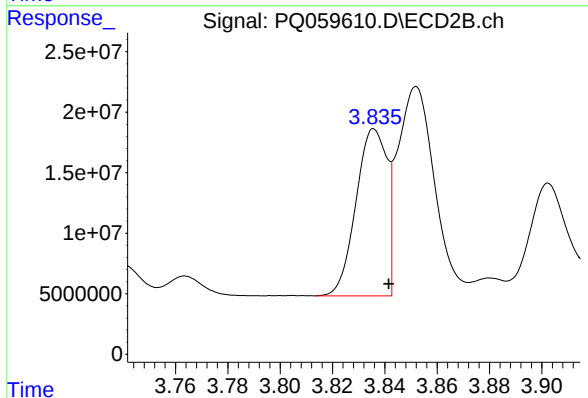
R.T.: 7.603 min
Delta R.T.: -0.012 min
Response: 324689372
Conc: 42.52 ng/ml



#3 AR-1016-1

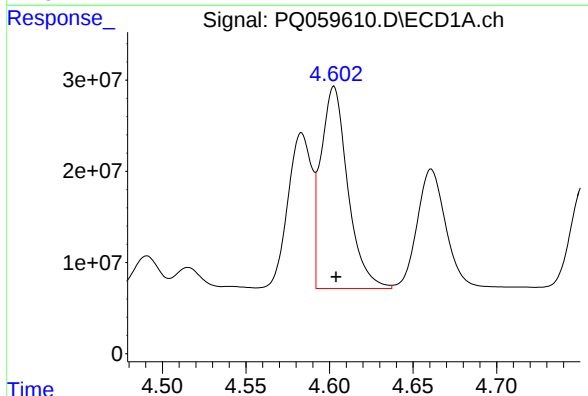
R.T.: 4.583 min
Delta R.T.: -0.001 min
Response: 169122678
Conc: 403.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



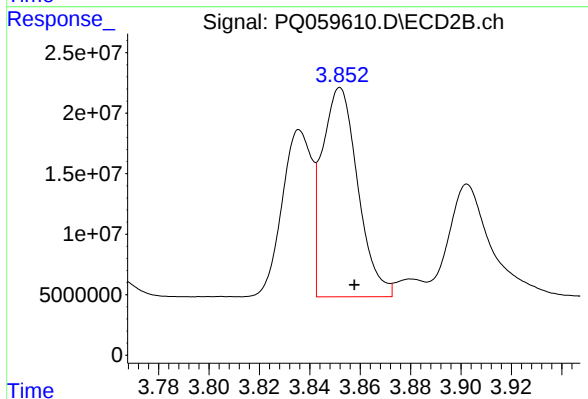
#3 AR-1016-1

R.T.: 3.836 min
Delta R.T.: -0.005 min
Response: 112963214
Conc: 400.59 ng/ml



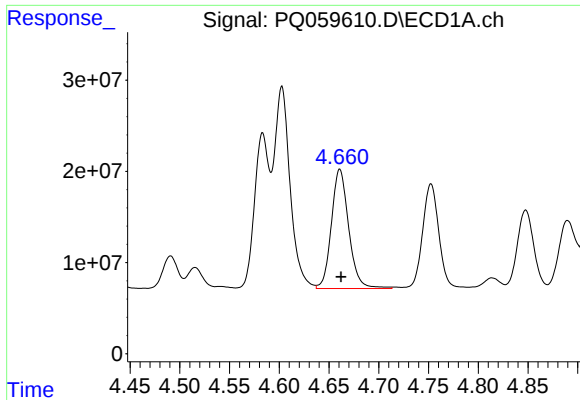
#4 AR-1016-2

R.T.: 4.603 min
Delta R.T.: -0.001 min
Response: 248189921
Conc: 400.34 ng/ml



#4 AR-1016-2

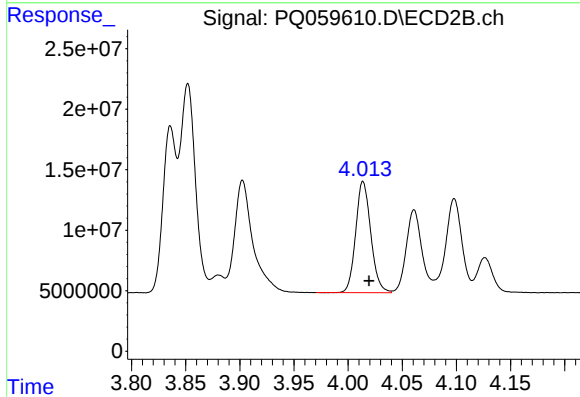
R.T.: 3.852 min
Delta R.T.: -0.006 min
Response: 170160465
Conc: 400.62 ng/ml



#5 AR-1016-3

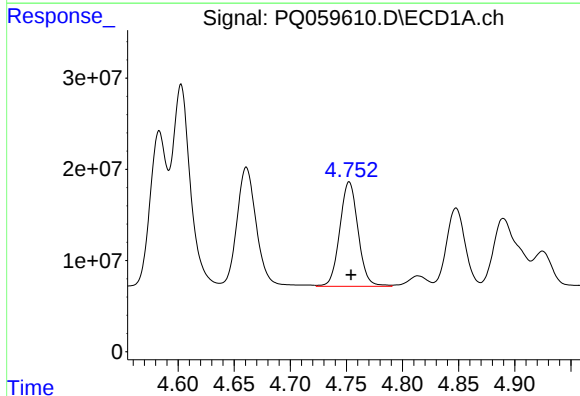
R.T.: 4.661 min
Delta R.T.: -0.001 min
Response: 158312383
Conc: 401.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



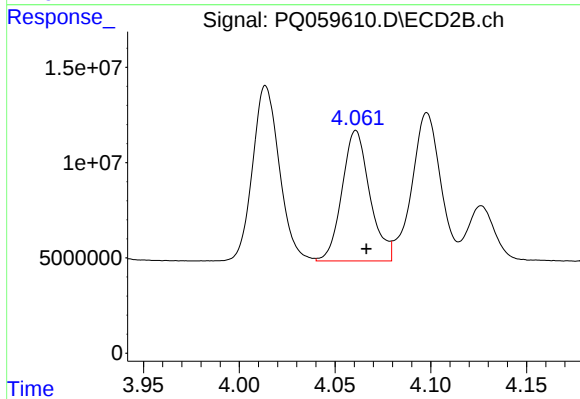
#5 AR-1016-3

R.T.: 4.014 min
Delta R.T.: -0.005 min
Response: 89100482
Conc: 400.60 ng/ml



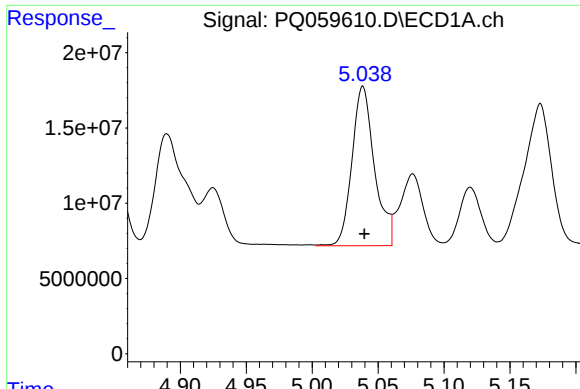
#6 AR-1016-4

R.T.: 4.753 min
Delta R.T.: -0.002 min
Response: 130371355
Conc: 395.92 ng/ml



#6 AR-1016-4

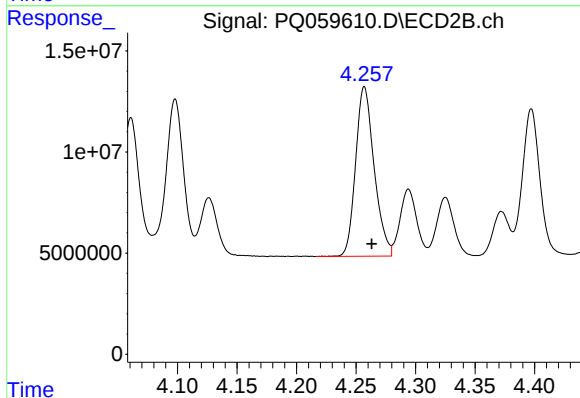
R.T.: 4.061 min
Delta R.T.: -0.006 min
Response: 69312994
Conc: 405.43 ng/ml



#7 AR-1016-5

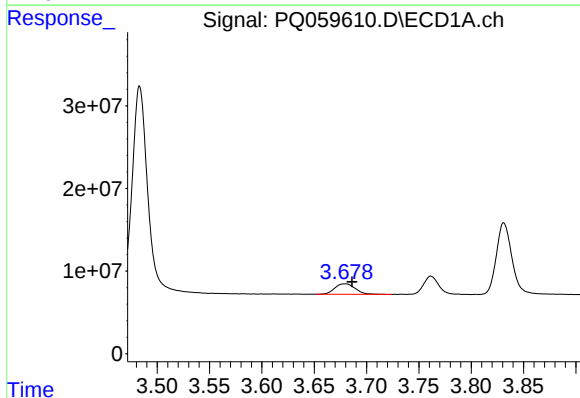
R.T.: 5.039 min
Delta R.T.: -0.001 min
Response: 125763819
Conc: 400.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



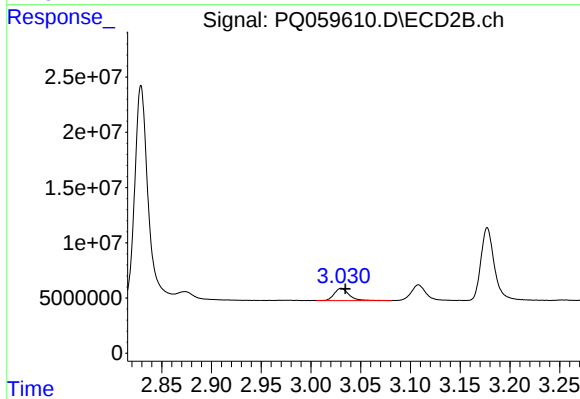
#7 AR-1016-5

R.T.: 4.257 min
Delta R.T.: -0.006 min
Response: 90796490
Conc: 403.01 ng/ml



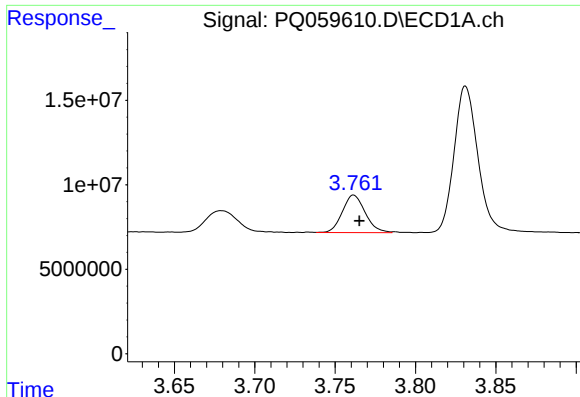
#8 AR-1221-1

R.T.: 3.679 min
Delta R.T.: -0.007 min
Response: 17513461
Conc: 118.40 ng/ml



#8 AR-1221-1

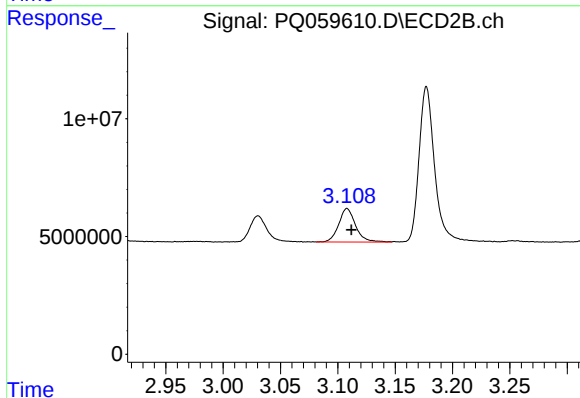
R.T.: 3.031 min
Delta R.T.: -0.004 min
Response: 11413517
Conc: 114.90 ng/ml



#9 AR-1221-2

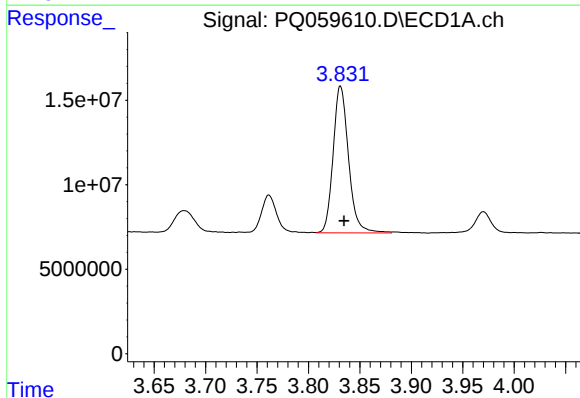
R.T.: 3.762 min
Delta R.T.: -0.004 min
Response: 22103523
Conc: 213.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



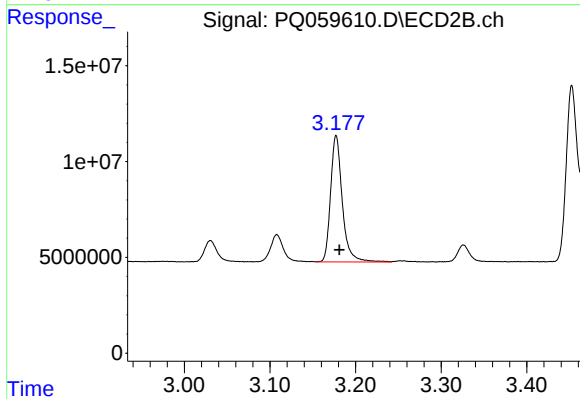
#9 AR-1221-2

R.T.: 3.108 min
Delta R.T.: -0.004 min
Response: 14686251
Conc: 214.55 ng/ml



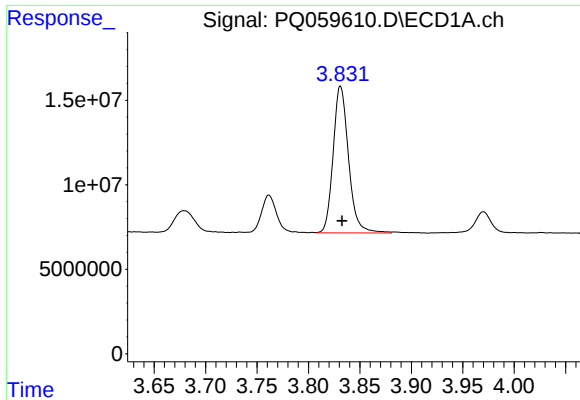
#10 AR-1221-3

R.T.: 3.831 min
Delta R.T.: -0.003 min
Response: 90558825
Conc: 272.00 ng/ml



#10 AR-1221-3

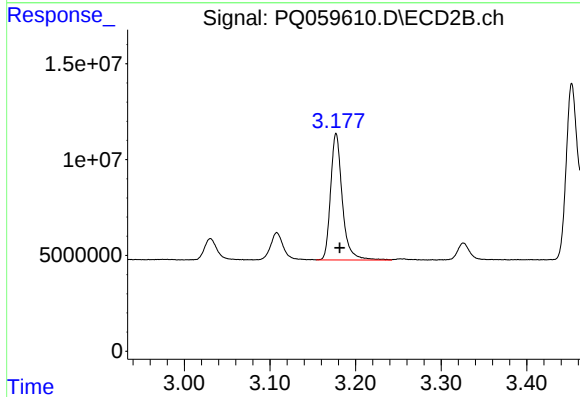
R.T.: 3.177 min
Delta R.T.: -0.004 min
Response: 62732437
Conc: 273.54 ng/ml



#11 AR-1232-1

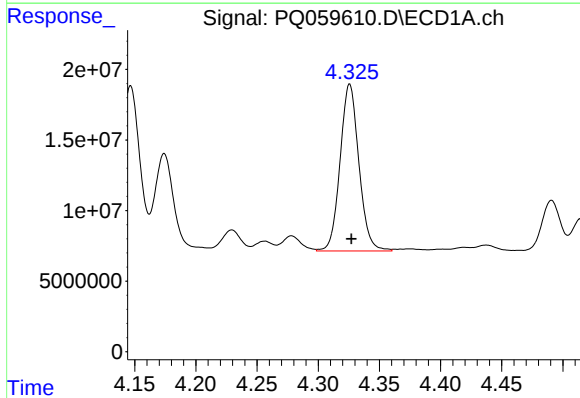
R.T.: 3.831 min
Delta R.T.: -0.002 min
Response: 90558825
Conc: 321.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



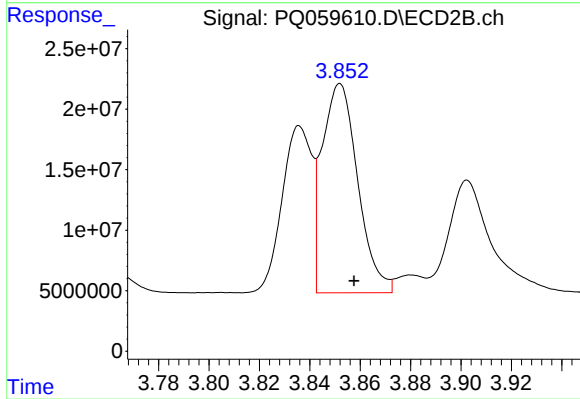
#11 AR-1232-1

R.T.: 3.177 min
Delta R.T.: -0.004 min
Response: 62732437
Conc: 325.79 ng/ml



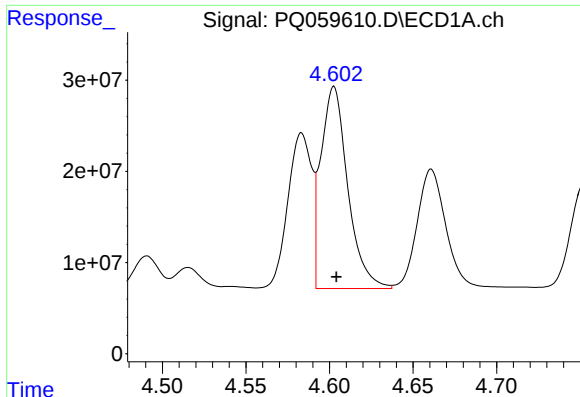
#12 AR-1232-2

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 126379226
Conc: 860.23 ng/ml



#12 AR-1232-2

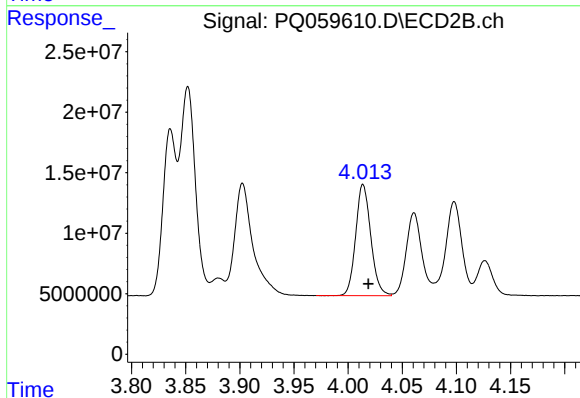
R.T.: 3.852 min
Delta R.T.: -0.006 min
Response: 170160465
Conc: 903.46 ng/ml



#13 AR-1232-3

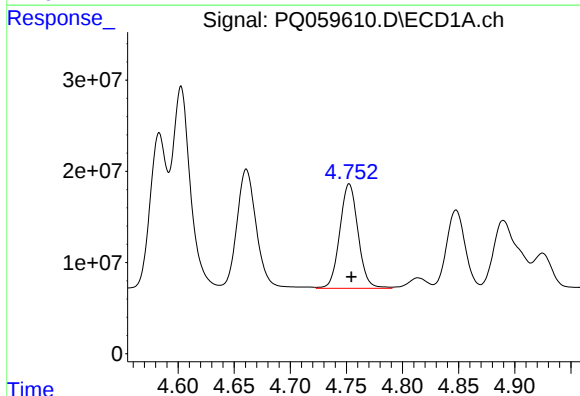
R.T.: 4.603 min
Delta R.T.: -0.001 min
Response: 248189921
Conc: 869.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



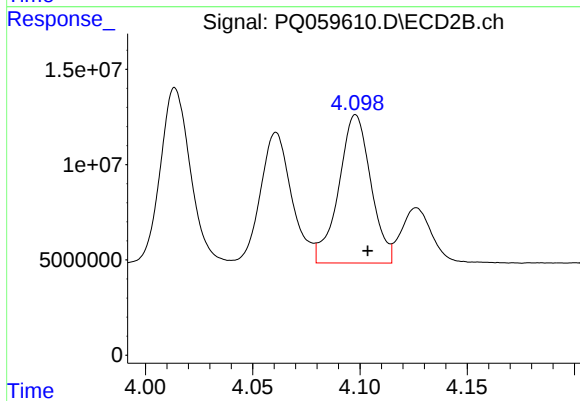
#13 AR-1232-3

R.T.: 4.014 min
Delta R.T.: -0.005 min
Response: 89100482
Conc: 913.69 ng/ml



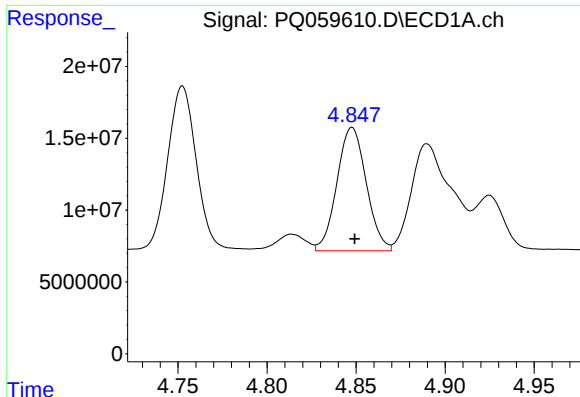
#14 AR-1232-4

R.T.: 4.753 min
Delta R.T.: -0.002 min
Response: 130371355
Conc: 871.37 ng/ml



#14 AR-1232-4

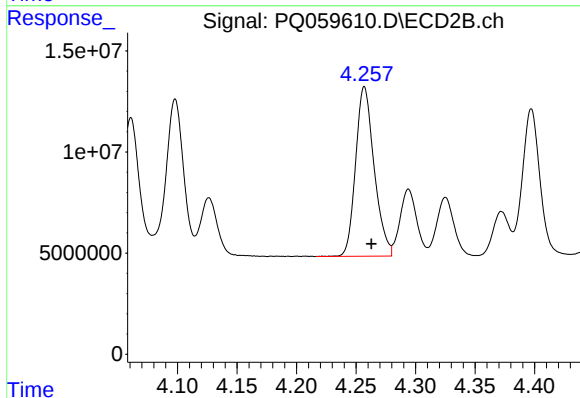
R.T.: 4.098 min
Delta R.T.: -0.005 min
Response: 81170894
Conc: 994.36 ng/ml



#15 AR-1232-5

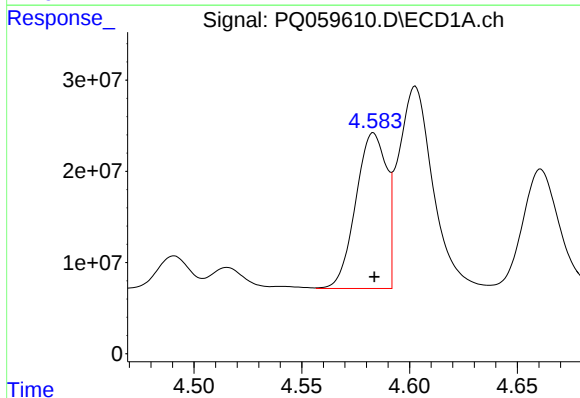
R.T.: 4.848 min
Delta R.T.: -0.001 min
Response: 98545163
Conc: 938.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



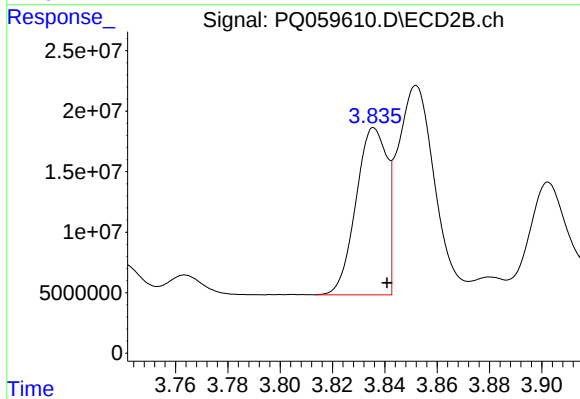
#15 AR-1232-5

R.T.: 4.257 min
Delta R.T.: -0.006 min
Response: 90796490
Conc: 950.89 ng/ml



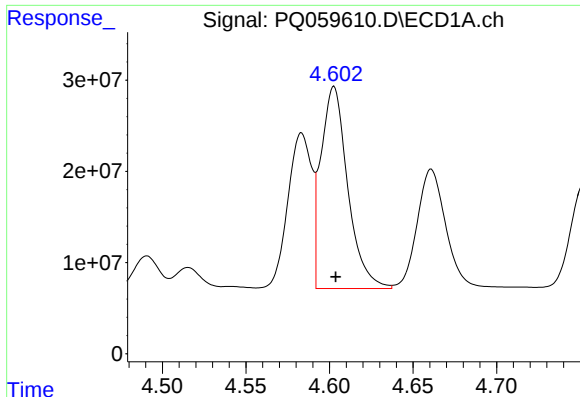
#16 AR-1242-1

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 169122678
Conc: 485.50 ng/ml



#16 AR-1242-1

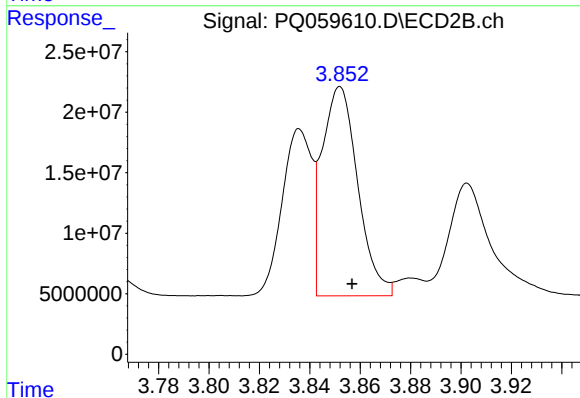
R.T.: 3.836 min
Delta R.T.: -0.005 min
Response: 112963214
Conc: 486.81 ng/ml



#17 AR-1242-2

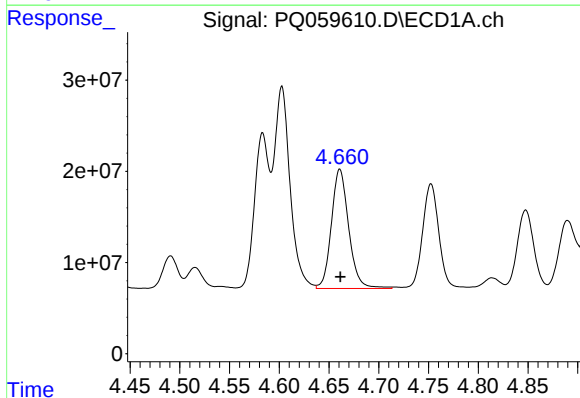
R.T.: 4.603 min
Delta R.T.: -0.001 min
Response: 248189921
Conc: 485.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



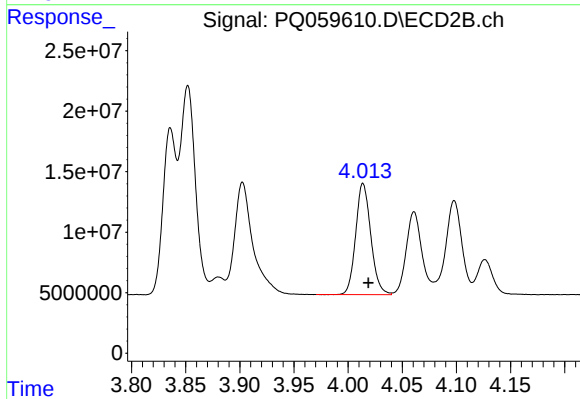
#17 AR-1242-2

R.T.: 3.852 min
Delta R.T.: -0.005 min
Response: 170160465
Conc: 488.14 ng/ml



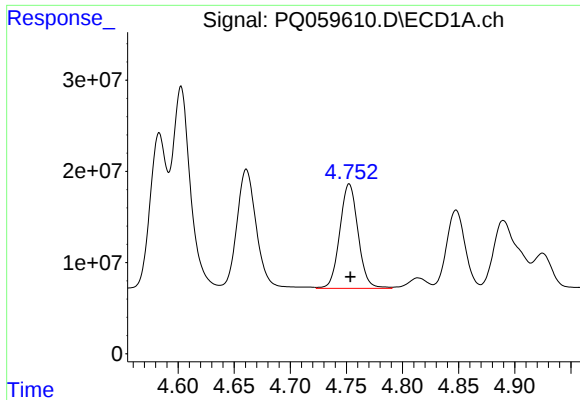
#18 AR-1242-3

R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 158312383
Conc: 489.55 ng/ml



#18 AR-1242-3

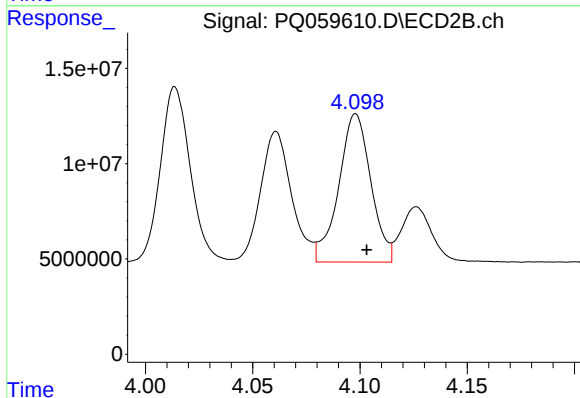
R.T.: 4.014 min
Delta R.T.: -0.005 min
Response: 89100482
Conc: 487.61 ng/ml



#19 AR-1242-4

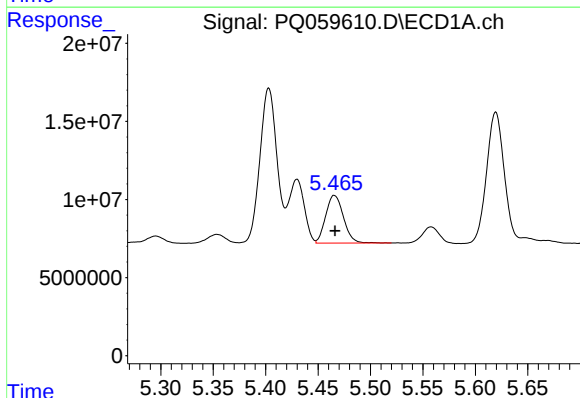
R.T.: 4.753 min
Delta R.T.: -0.001 min
Response: 130371355
Conc: 483.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



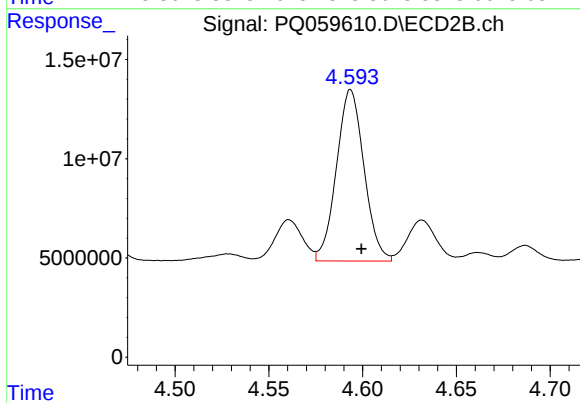
#19 AR-1242-4

R.T.: 4.098 min
Delta R.T.: -0.005 min
Response: 81170894
Conc: 481.23 ng/ml



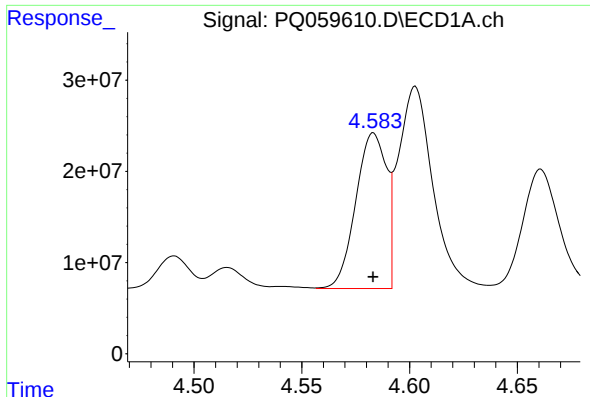
#20 AR-1242-5

R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 35810417
Conc: 133.25 ng/ml



#20 AR-1242-5

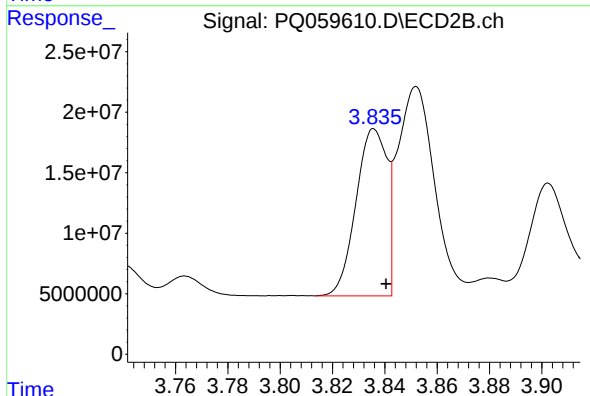
R.T.: 4.594 min
Delta R.T.: -0.006 min
Response: 88423094
Conc: 399.73 ng/ml



#21 AR-1248-1

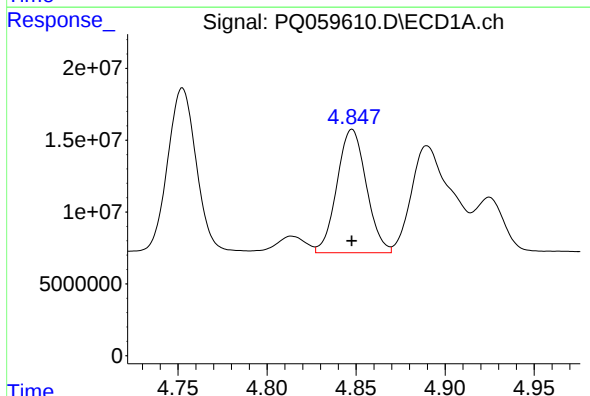
R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 169122678
Conc: 637.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



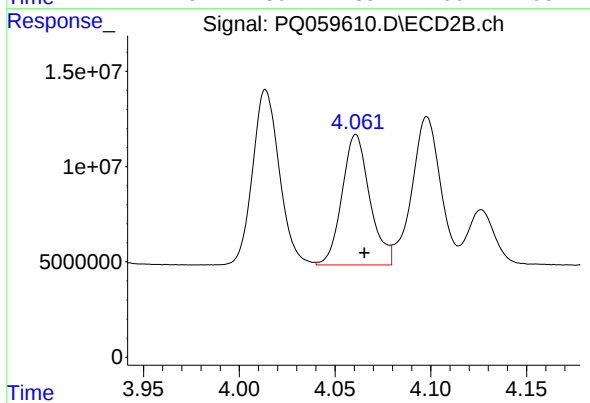
#21 AR-1248-1

R.T.: 3.836 min
Delta R.T.: -0.005 min
Response: 112963214
Conc: 635.40 ng/ml



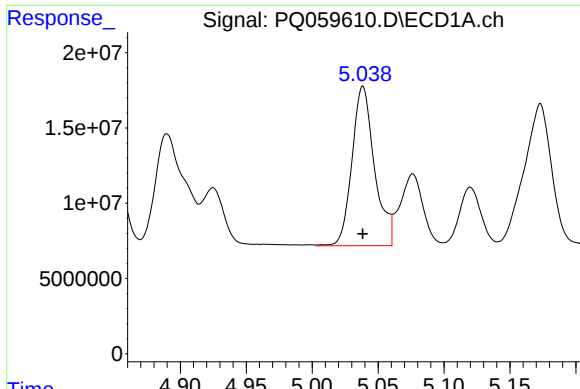
#22 AR-1248-2

R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 98545163
Conc: 276.41 ng/ml



#22 AR-1248-2

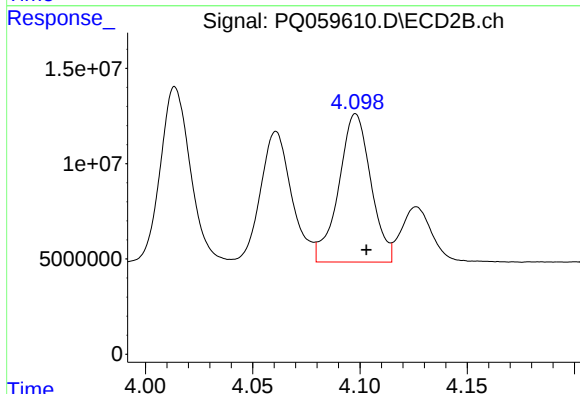
R.T.: 4.061 min
Delta R.T.: -0.004 min
Response: 69312994
Conc: 274.55 ng/ml



#23 AR-1248-3

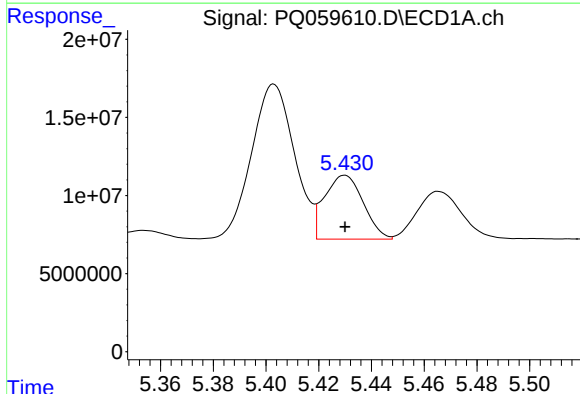
R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 125763819
Conc: 292.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



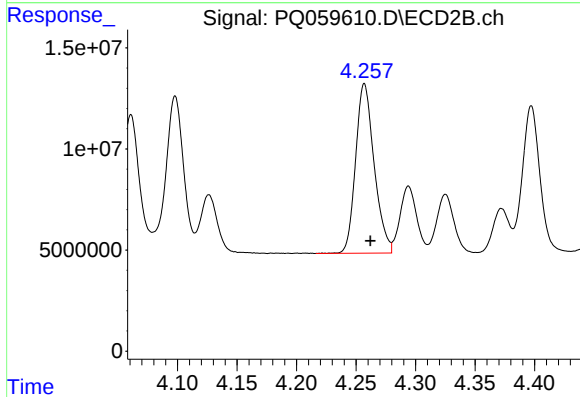
#23 AR-1248-3

R.T.: 4.098 min
Delta R.T.: -0.005 min
Response: 81170894
Conc: 321.50 ng/ml



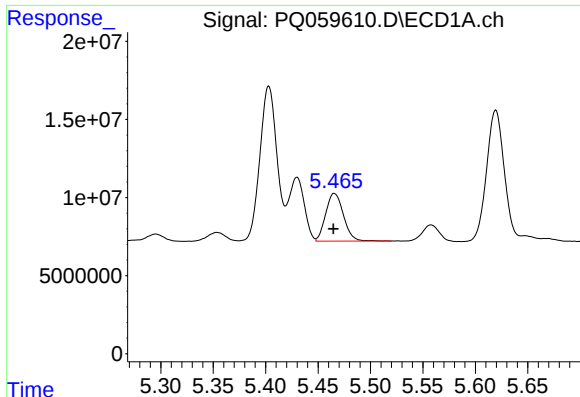
#24 AR-1248-4

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 41685612
Conc: 89.68 ng/ml



#24 AR-1248-4

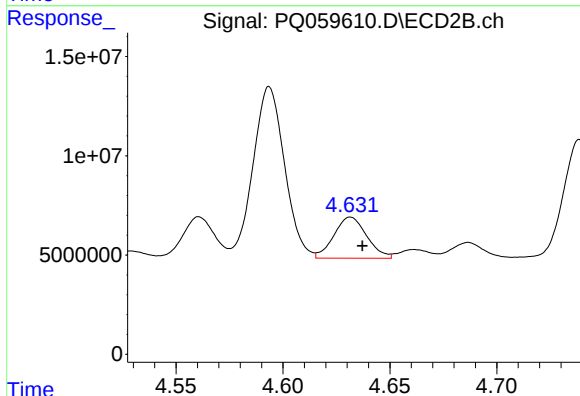
R.T.: 4.257 min
Delta R.T.: -0.005 min
Response: 90796490
Conc: 290.70 ng/ml



#25 AR-1248-5

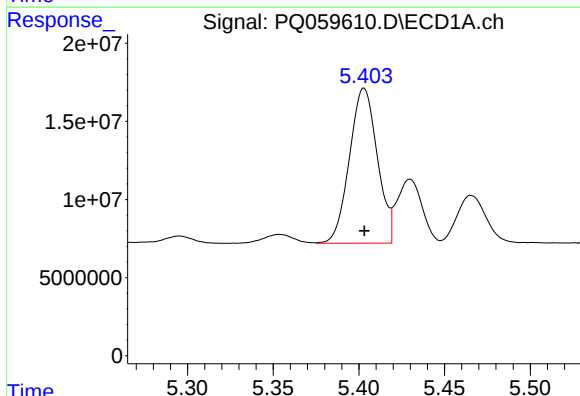
R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 35810417
Conc: 77.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



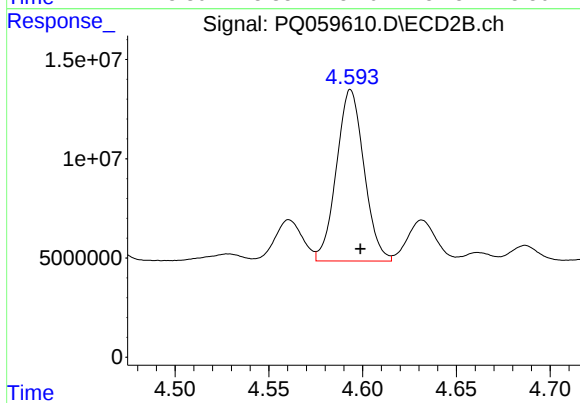
#25 AR-1248-5

R.T.: 4.632 min
Delta R.T.: -0.006 min
Response: 22151043
Conc: 70.50 ng/ml



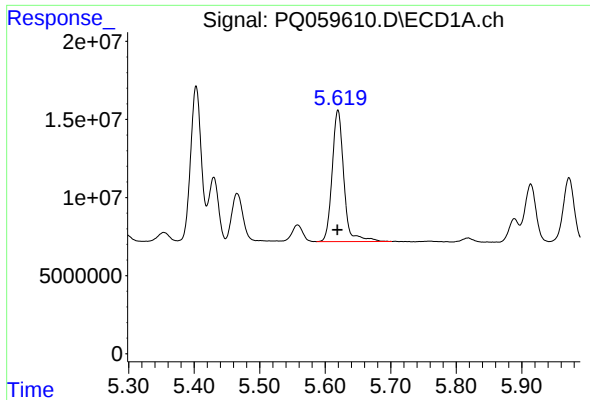
#26 AR-1254-1

R.T.: 5.403 min
Delta R.T.: 0.000 min
Response: 112298280
Conc: 234.15 ng/ml



#26 AR-1254-1

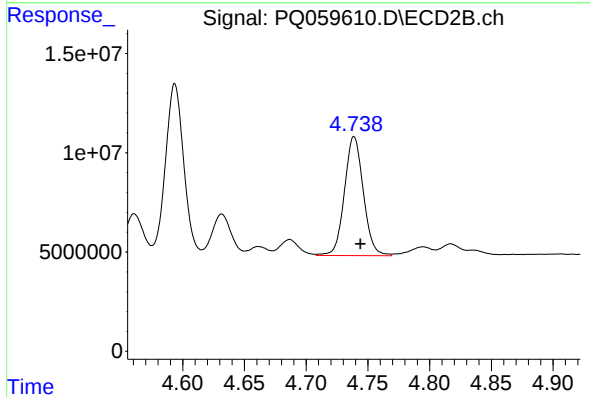
R.T.: 4.594 min
Delta R.T.: -0.005 min
Response: 88423094
Conc: 180.87 ng/ml



#27 AR-1254-2

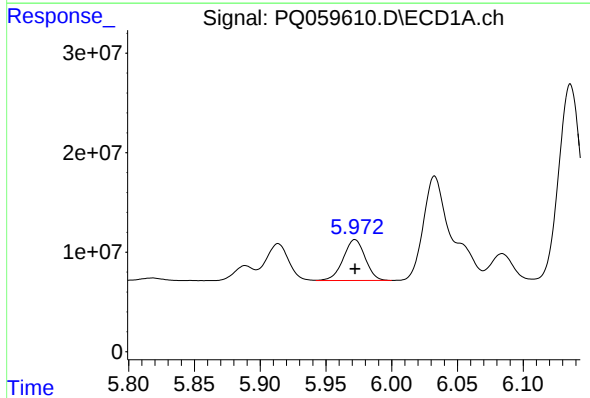
R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 104149975
Conc: 140.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



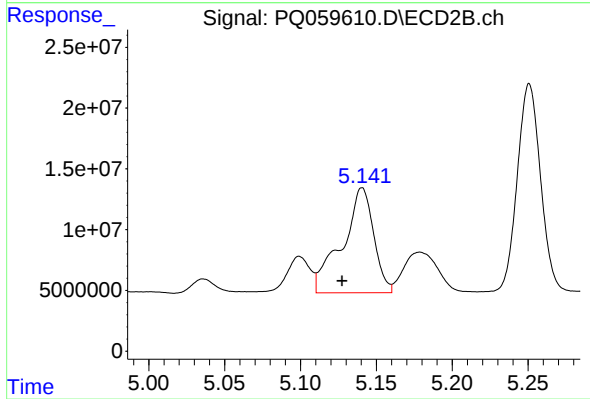
#27 AR-1254-2

R.T.: 4.739 min
Delta R.T.: -0.005 min
Response: 63921348
Conc: 147.60 ng/ml



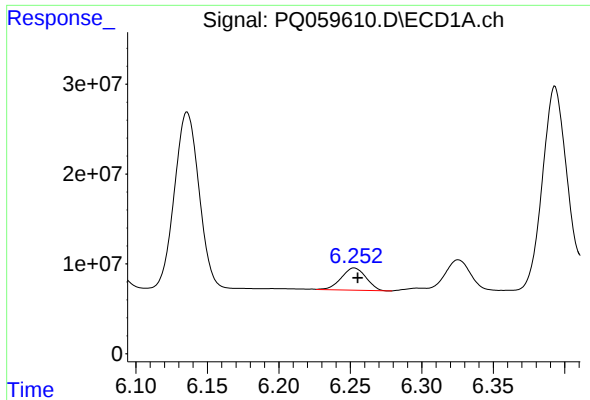
#28 AR-1254-3

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 47827634
Conc: 61.13 ng/ml



#28 AR-1254-3

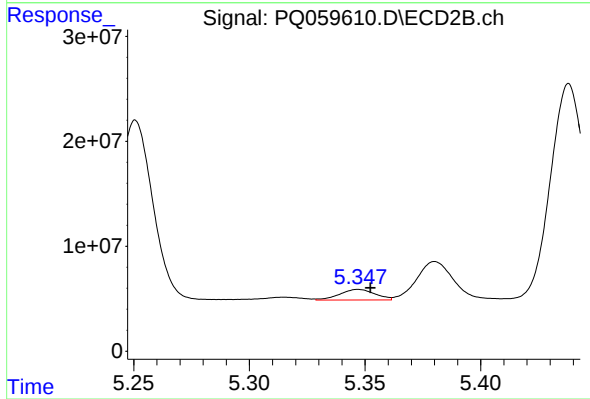
R.T.: 5.141 min
Delta R.T.: 0.013 min
Response: 125062331
Conc: 180.48 ng/ml



#29 AR-1254-4

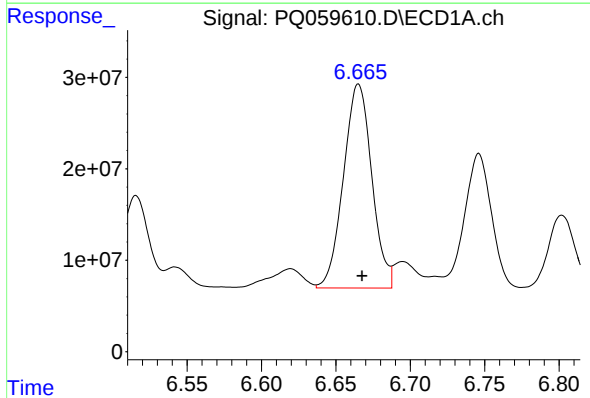
R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 29787963
Conc: 54.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



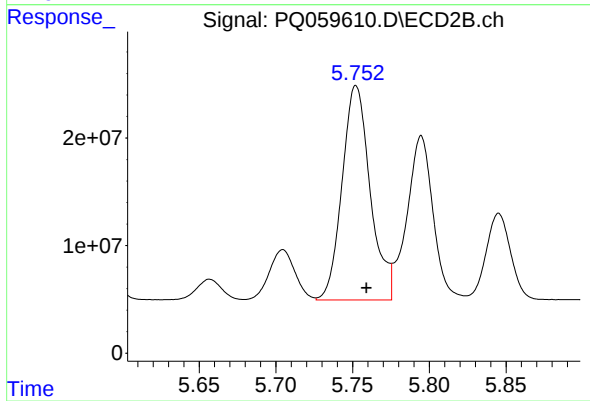
#29 AR-1254-4

R.T.: 5.347 min
Delta R.T.: -0.005 min
Response: 10750823
Conc: 24.97 ng/ml



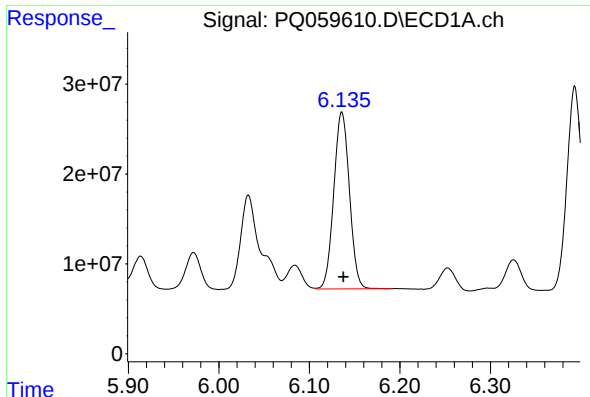
#30 AR-1254-5

R.T.: 6.665 min
Delta R.T.: -0.003 min
Response: 295976056
Conc: 499.24 ng/ml



#30 AR-1254-5

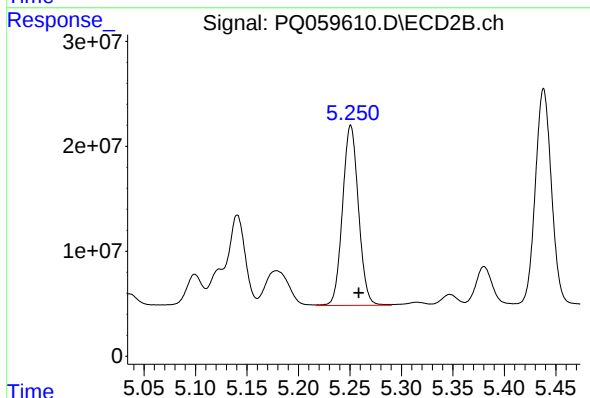
R.T.: 5.752 min
Delta R.T.: -0.007 min
Response: 254657934
Conc: 411.41 ng/ml



#31 AR-1260-1

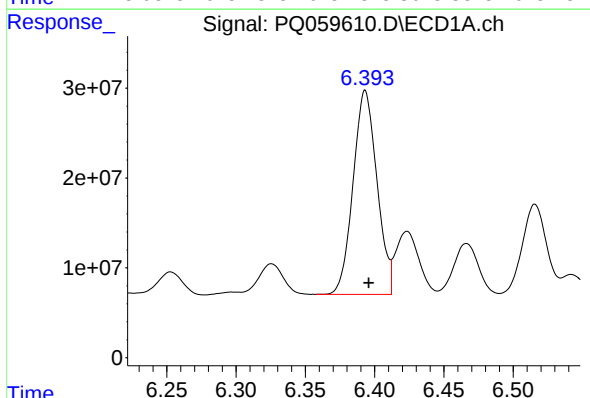
R.T.: 6.136 min
Delta R.T.: -0.002 min
Response: 236048051
Conc: 424.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



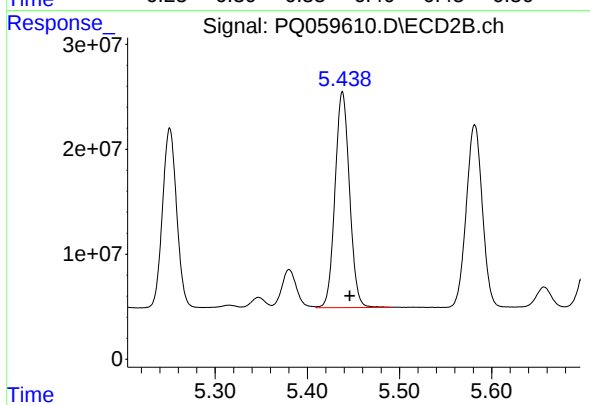
#31 AR-1260-1

R.T.: 5.251 min
Delta R.T.: -0.008 min
Response: 184798458
Conc: 410.15 ng/ml



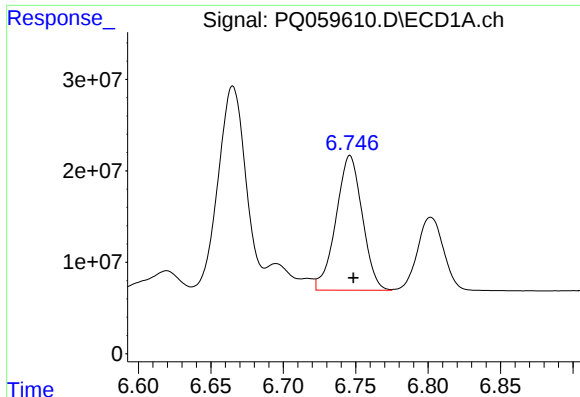
#32 AR-1260-2

R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 271986896
Conc: 426.03 ng/ml



#32 AR-1260-2

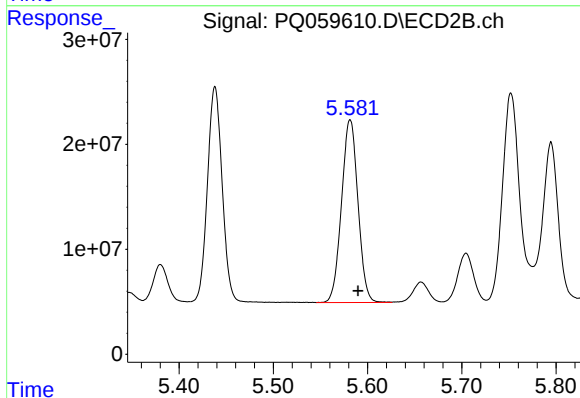
R.T.: 5.438 min
Delta R.T.: -0.008 min
Response: 224907219
Conc: 408.97 ng/ml



#33 AR-1260-3

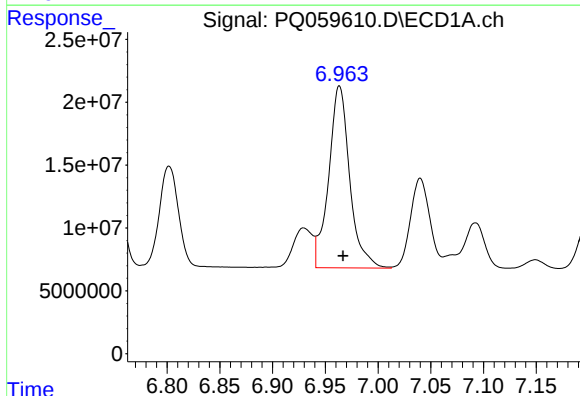
R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 186251544
Conc: 416.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



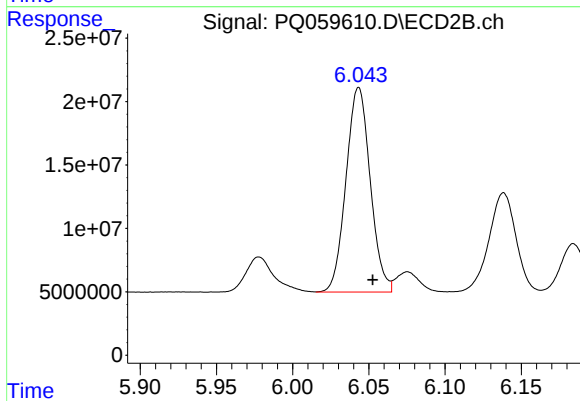
#33 AR-1260-3

R.T.: 5.582 min
Delta R.T.: -0.008 min
Response: 210983012
Conc: 406.69 ng/ml



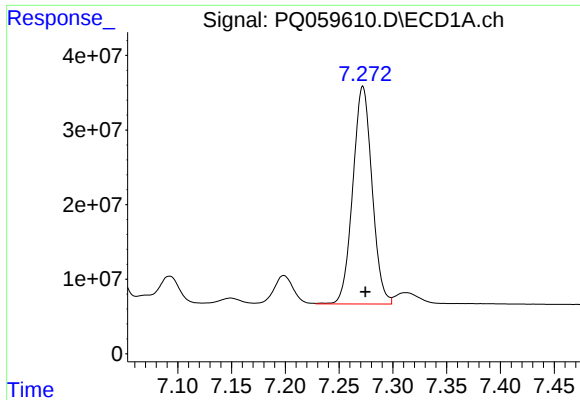
#34 AR-1260-4

R.T.: 6.963 min
Delta R.T.: -0.003 min
Response: 201121842
Conc: 417.10 ng/ml



#34 AR-1260-4

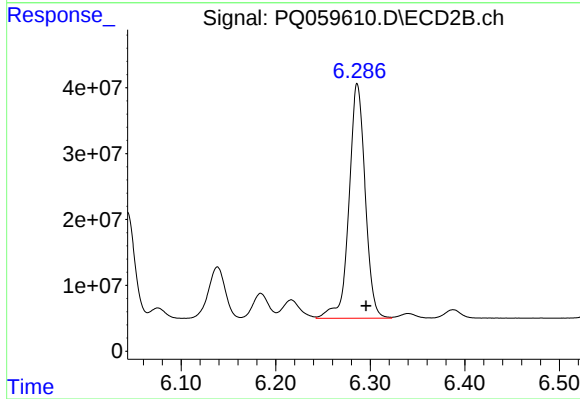
R.T.: 6.043 min
Delta R.T.: -0.009 min
Response: 178571856
Conc: 403.98 ng/ml



#35 AR-1260-5

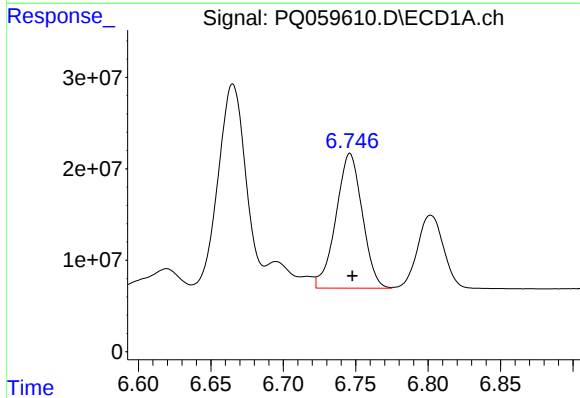
R.T.: 7.272 min
Delta R.T.: -0.003 min
Response: 363125596
Conc: 411.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



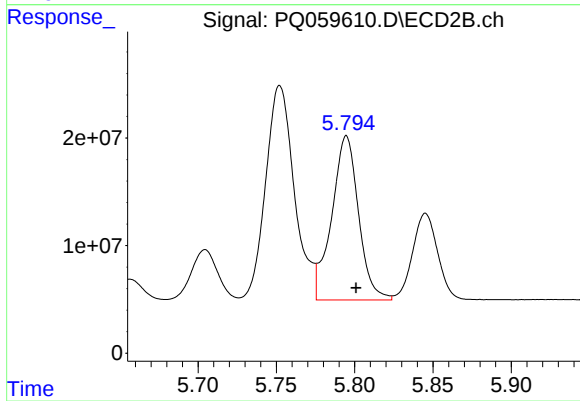
#35 AR-1260-5

R.T.: 6.286 min
Delta R.T.: -0.009 min
Response: 423577189
Conc: 415.32 ng/ml



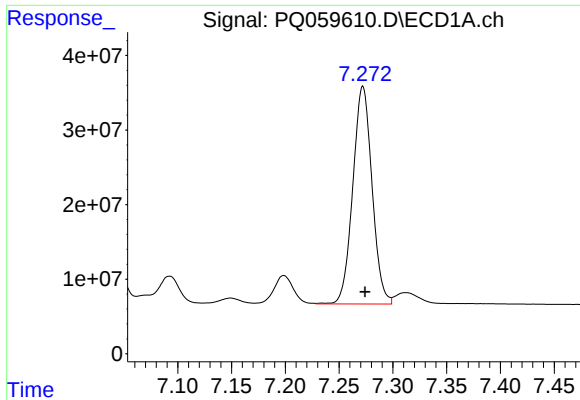
#36 AR-1262-1

R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 186251544
Conc: 267.86 ng/ml



#36 AR-1262-1

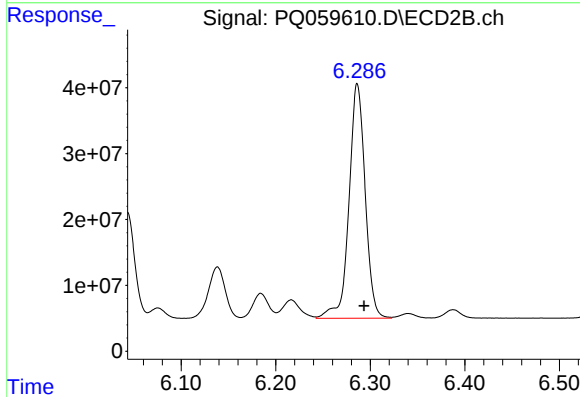
R.T.: 5.795 min
Delta R.T.: -0.006 min
Response: 182111967
Conc: 285.78 ng/ml



#37 AR-1262-2

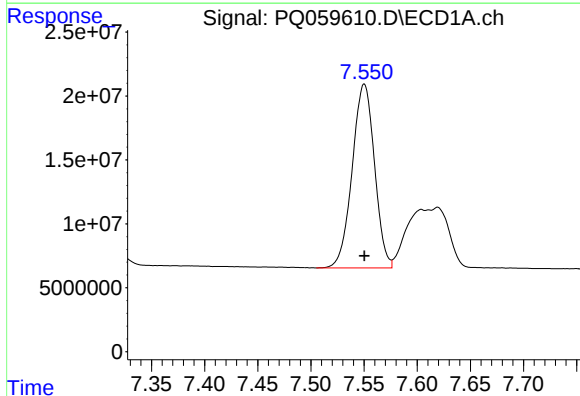
R.T.: 7.272 min
Delta R.T.: -0.002 min
Response: 363125596
Conc: 334.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



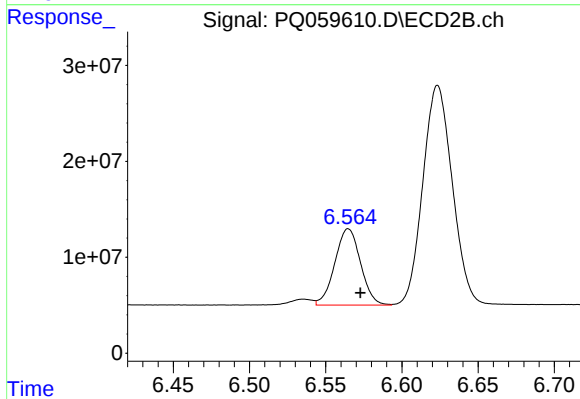
#37 AR-1262-2

R.T.: 6.286 min
Delta R.T.: -0.007 min
Response: 423577189
Conc: 362.14 ng/ml



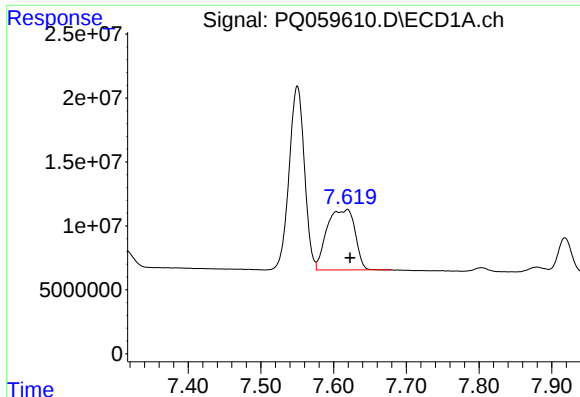
#38 AR-1262-3

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 210334790
Conc: 316.39 ng/ml



#38 AR-1262-3

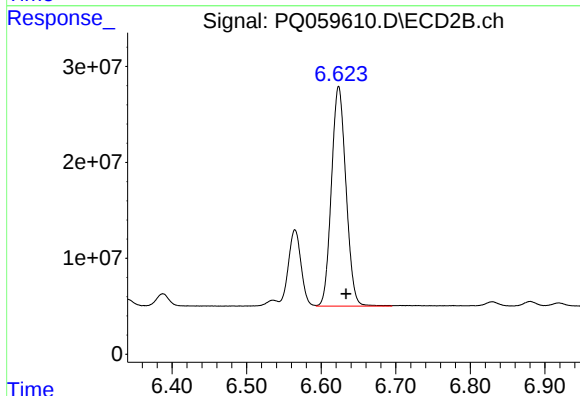
R.T.: 6.565 min
Delta R.T.: -0.008 min
Response: 93491551
Conc: 203.02 ng/ml



#39 AR-1262-4

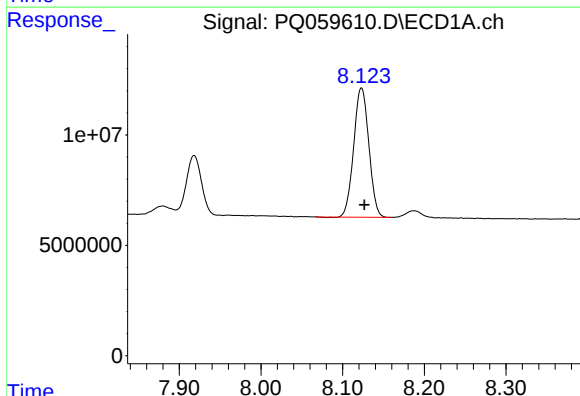
R.T.: 7.619 min
Delta R.T.: -0.003 min
Response: 126294317
Conc: 401.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



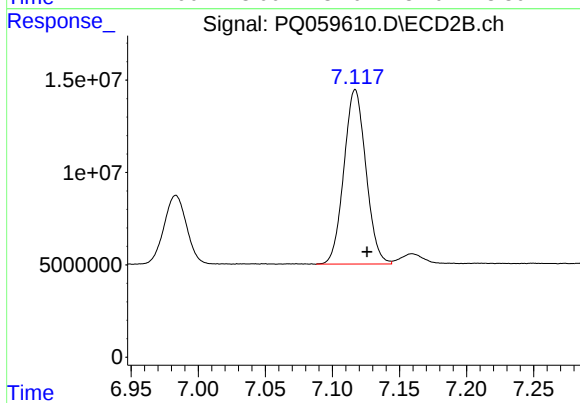
#39 AR-1262-4

R.T.: 6.623 min
Delta R.T.: -0.010 min
Response: 309737834
Conc: 353.44 ng/ml



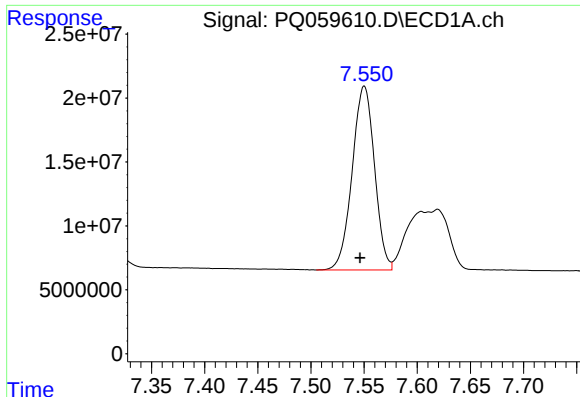
#40 AR-1262-5

R.T.: 8.123 min
Delta R.T.: -0.004 min
Response: 75329471
Conc: 263.90 ng/ml



#40 AR-1262-5

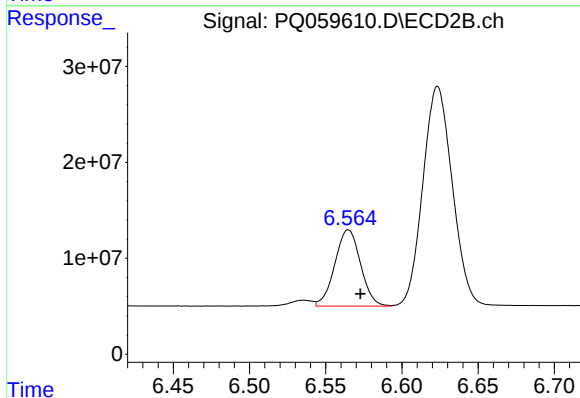
R.T.: 7.117 min
Delta R.T.: -0.009 min
Response: 107854809
Conc: 271.43 ng/ml



#41 AR-1268-1

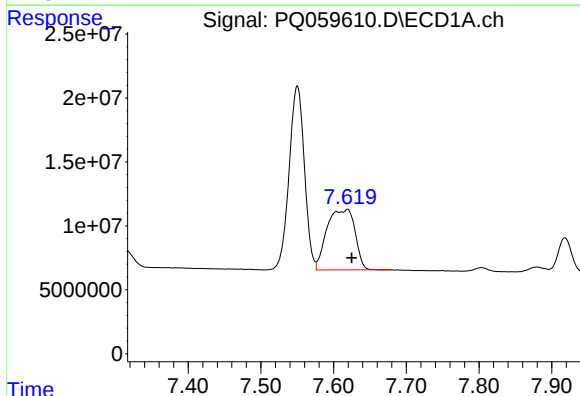
R.T.: 7.550 min
Delta R.T.: 0.004 min
Response: 210334790
Conc: 180.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



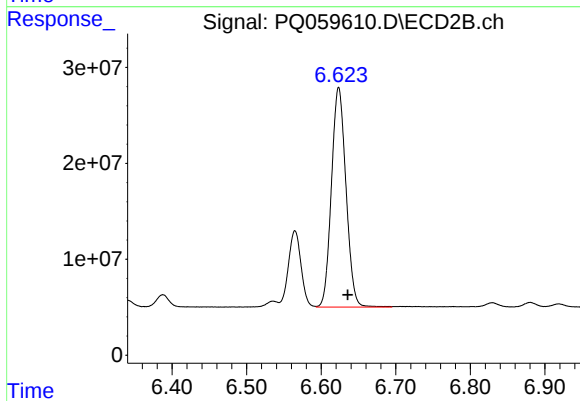
#41 AR-1268-1

R.T.: 6.565 min
Delta R.T.: -0.008 min
Response: 93491551
Conc: 66.45 ng/ml



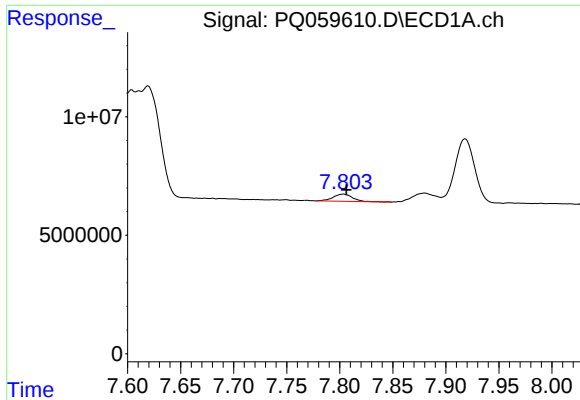
#42 AR-1268-2

R.T.: 7.619 min
Delta R.T.: -0.006 min
Response: 126294317
Conc: 120.69 ng/ml



#42 AR-1268-2

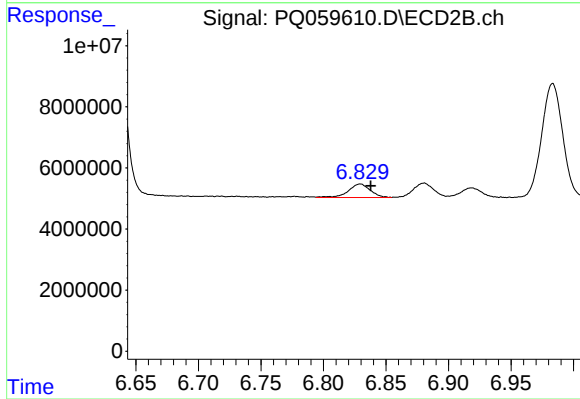
R.T.: 6.623 min
Delta R.T.: -0.012 min
Response: 309737834
Conc: 239.39 ng/ml



#43 AR-1268-3

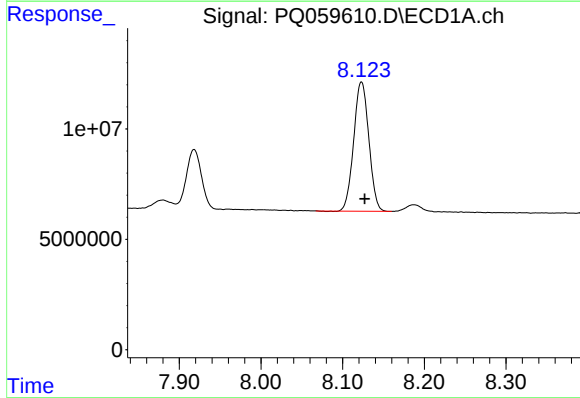
R.T.: 7.803 min
Delta R.T.: -0.003 min
Response: 3871692
Conc: 4.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



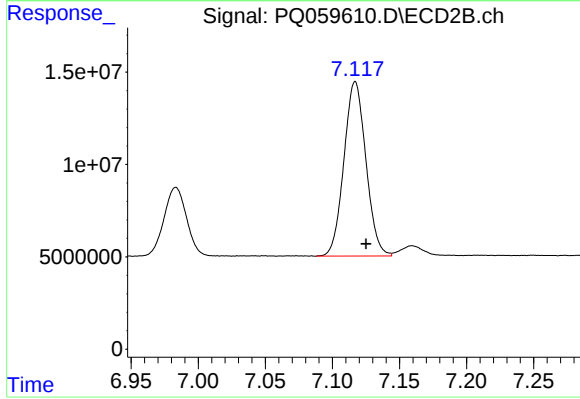
#43 AR-1268-3

R.T.: 6.829 min
Delta R.T.: -0.008 min
Response: 5381107
Conc: 4.87 ng/ml



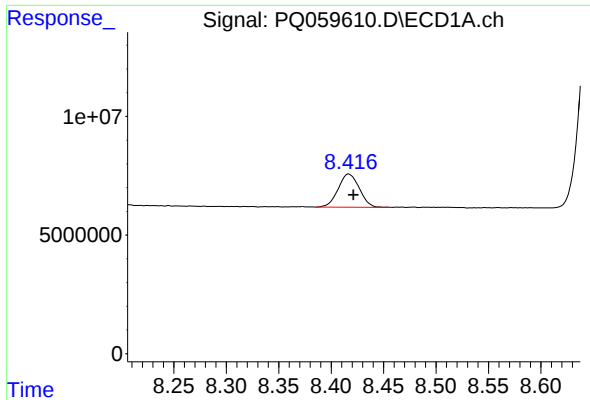
#44 AR-1268-4

R.T.: 8.123 min
Delta R.T.: -0.004 min
Response: 75329471
Conc: 233.27 ng/ml



#44 AR-1268-4

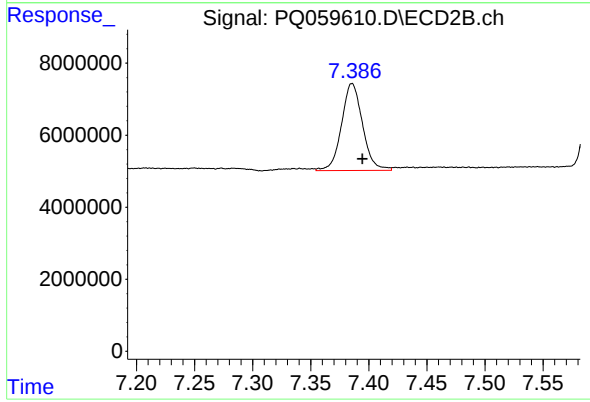
R.T.: 7.117 min
Delta R.T.: -0.008 min
Response: 107854809
Conc: 238.13 ng/ml



#45 AR-1268-5

R.T.: 8.417 min
Delta R.T.: -0.004 min
Response: 19680962
Conc: 8.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.386 min
Delta R.T.: -0.009 min
Response: 30519280
Conc: 8.53 ng/ml