

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101822\
 Data File : PQ059664.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Oct 2022 15:34
 Operator : YP\AJ
 Sample : N5146-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 04:53:48 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...	3.472	2.871f	3900984	6609921	0.283	0.730 #
2)	SA Decachlor...	8.656	7.604	2260503	4197374	0.455	0.550
Target Compounds							
3)	L1 AR-1016-1	4.584	3.837	170.6E6	118.3E6	406.795	419.446
4)	L1 AR-1016-2	4.604	3.853	255.0E6	177.5E6	411.357	417.795
5)	L1 AR-1016-3	4.662	4.014	154.2E6	89308020	390.633	401.538
6)	L1 AR-1016-4	4.754	4.061	127.0E6	69257059	385.629	405.099
7)	L1 AR-1016-5	5.039	4.257	123.5E6	90709606	393.851	402.622
8)	L2 AR-1221-1	3.680	3.033	13785953	11726295	93.198	118.053 #
9)	L2 AR-1221-2	3.764	3.110	14066897	13205171	135.917	192.917 #
10)	L2 AR-1221-3	3.834	3.179	82968794	58695076	249.205	255.932
11)	L3 AR-1232-1	3.834	3.179	82968794	58695076	294.813	304.823
12)	L3 AR-1232-2	4.327	3.853	146.4E6	177.5E6	996.659	942.195
13)	L3 AR-1232-3	4.604	4.014	255.0E6	89308020	893.611	915.816
14)	L3 AR-1232-4	4.754	4.098	127.0E6	83113488	848.718	1018.152
15)	L3 AR-1232-5	4.849	4.257	95475211	90709606	909.627	949.984
16)	L4 AR-1242-1	4.584	3.837	170.6E6	118.3E6	489.753	509.727
17)	L4 AR-1242-2	4.604	3.853	255.0E6	177.5E6	498.576	509.068
18)	L4 AR-1242-3	4.662	4.014	154.2E6	89308020	476.763	488.745
19)	L4 AR-1242-4	4.754	4.098	127.0E6	83113488	471.237	492.749
20)	L4 AR-1242-5	5.467	4.593	17184299	72487277	63.941	327.690 #
21)	L5 AR-1248-1	4.584	3.837	170.6E6	118.3E6	643.238	665.301
22)	L5 AR-1248-2	4.849	4.061	95475211	69257059	267.802	274.332
23)	L5 AR-1248-3	5.039	4.098	123.5E6	83113488	287.668	329.191
24)	L5 AR-1248-4	5.431	4.257	17133620	90709606	36.861	290.419 #
25)	L5 AR-1248-5	5.467	4.632	17184299	11567881	37.330	36.817
26)	L6 AR-1254-1	5.405	4.593	95161335	72487277	198.422	148.269 #
27)	L6 AR-1254-2	5.621	4.739	102.0E6	70253869	137.192	162.224
28)	L6 AR-1254-3	5.974	5.123	51428492	35315055	65.729	50.964
29)	L6 AR-1254-4	6.255	5.347	30145258	13823095	55.146	32.109 #
30)	L6 AR-1254-5	6.667	5.752	281.2E6	276.3E6	474.369	446.359
31)	L7 AR-1260-1	6.137	5.251	214.4E6	183.7E6	385.449	407.694
32)	L7 AR-1260-2	6.395	5.438	242.7E6	221.5E6	380.126	402.728
33)	L7 AR-1260-3	6.748	5.582	137.3E6	210.3E6	307.089	405.432 #
34)	L7 AR-1260-4	6.966	6.043	158.7E6	155.9E6	329.071	352.673
35)	L7 AR-1260-5	7.275	6.287	293.7E6	383.5E6	333.161	376.025
36)	L8 AR-1262-1	6.748	5.795	137.3E6	154.6E6	197.509	242.636
37)	L8 AR-1262-2	7.275	6.287	293.7E6	383.5E6	270.222	327.878
38)	L8 AR-1262-3	7.553	6.565	173.8E6	74887386	261.498	162.618 #
39)	L8 AR-1262-4	7.621	6.624	39826193	282.4E6	126.611	322.225 #
40)	L8 AR-1262-5	8.126	7.118	56647125	83732067	198.452	210.722
41)	L9 AR-1268-1	7.553	6.565	173.8E6	74887386	148.814	53.231 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101822\
Data File : PQ059664.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Oct 2022 15:34
Operator : YP\AJ
Sample : N5146-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

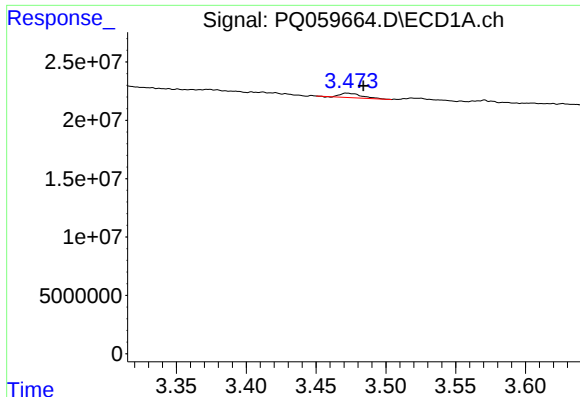
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 04:53:48 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
42)	L9 AR-1268-2	7.621	6.624	39826193	282.4E6	38.060	218.248 #
43)	L9 AR-1268-3	7.805	6.829	4131135	5864930	4.915	5.313
44)	L9 AR-1268-4	8.126	7.118	56647125	83732067	175.417	184.870
45)	L9 AR-1268-5	8.420	7.386	17012891	27793759	7.553	7.773

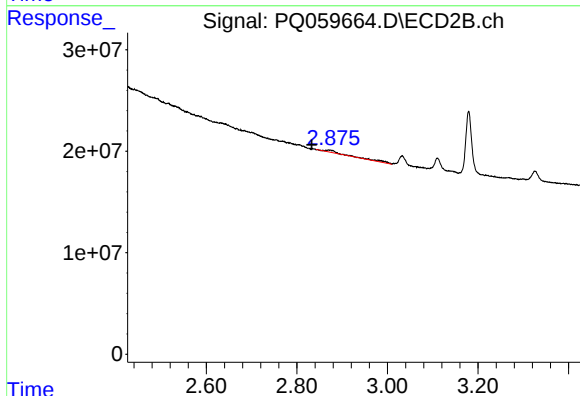
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

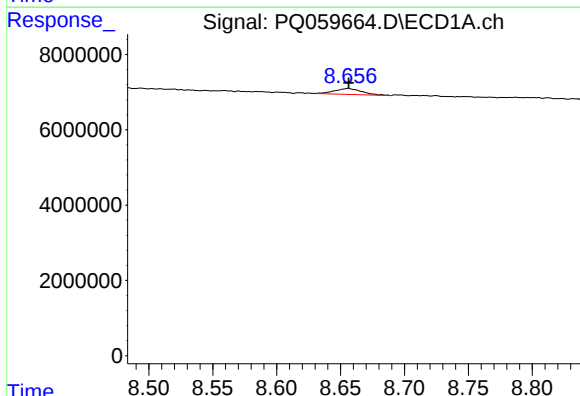
R.T.: 3.472 min
Delta R.T.: -0.012 min
Response: 3900984
Conc: 0.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



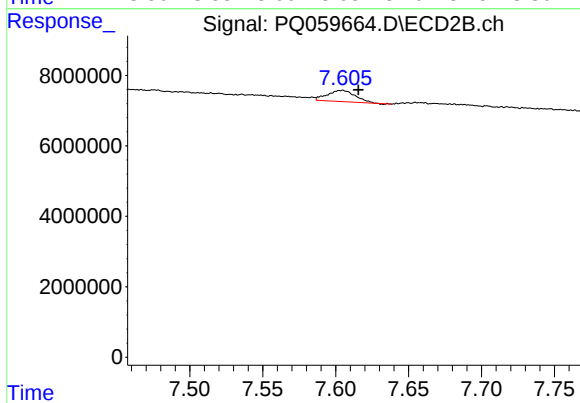
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: 0.038 min
Response: 6609921
Conc: 0.73 ng/ml



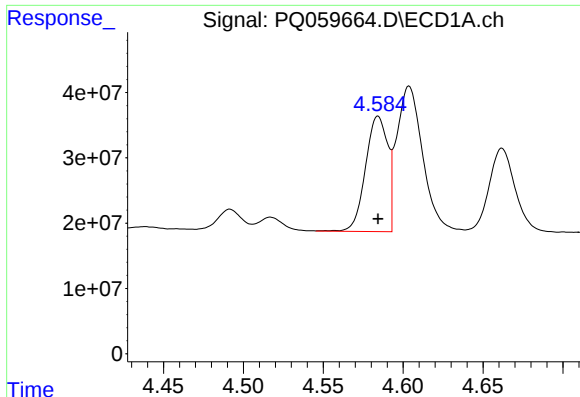
#2 Decachlorobiphenyl

R.T.: 8.656 min
Delta R.T.: 0.000 min
Response: 2260503
Conc: 0.46 ng/ml



#2 Decachlorobiphenyl

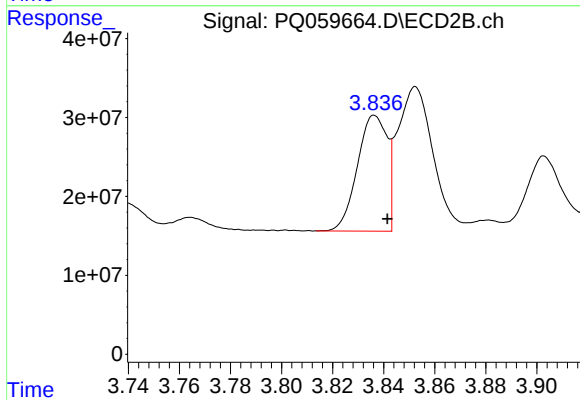
R.T.: 7.604 min
Delta R.T.: -0.011 min
Response: 4197374
Conc: 0.55 ng/ml



#3 AR-1016-1

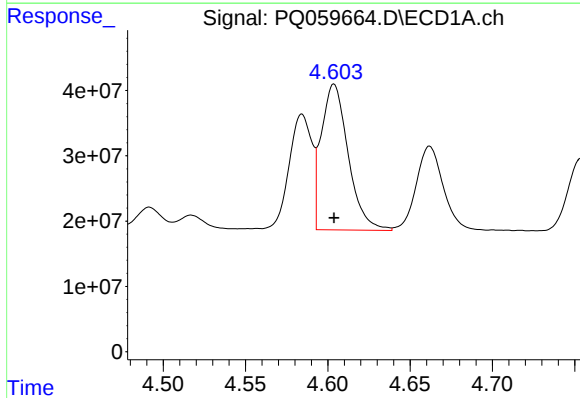
R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 170604827
Conc: 406.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



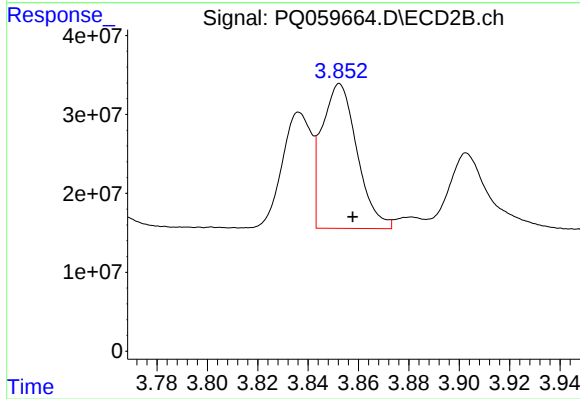
#3 AR-1016-1

R.T.: 3.837 min
Delta R.T.: -0.005 min
Response: 118280006
Conc: 419.45 ng/ml



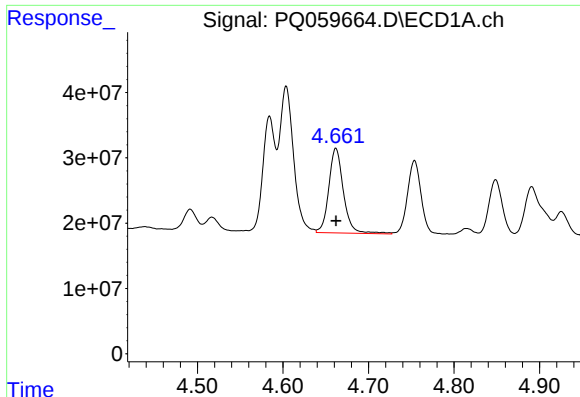
#4 AR-1016-2

R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 255019086
Conc: 411.36 ng/ml



#4 AR-1016-2

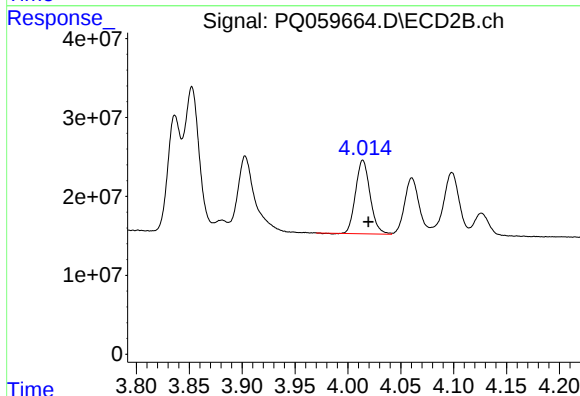
R.T.: 3.853 min
Delta R.T.: -0.005 min
Response: 177456904
Conc: 417.80 ng/ml



#5 AR-1016-3

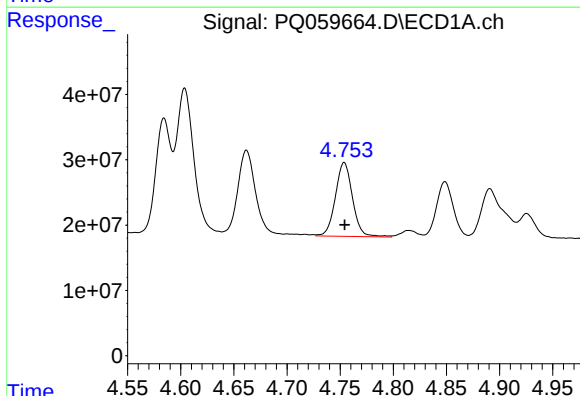
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 154177433
Conc: 390.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



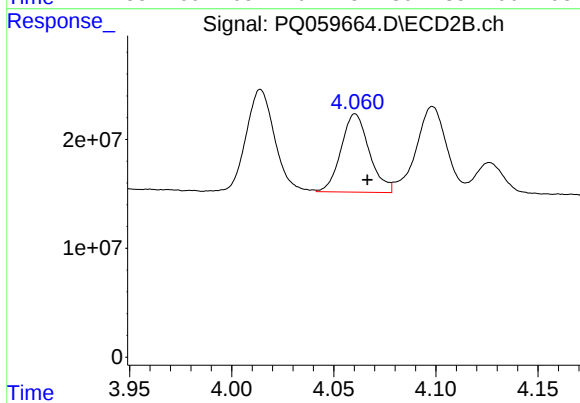
#5 AR-1016-3

R.T.: 4.014 min
Delta R.T.: -0.005 min
Response: 89308020
Conc: 401.54 ng/ml



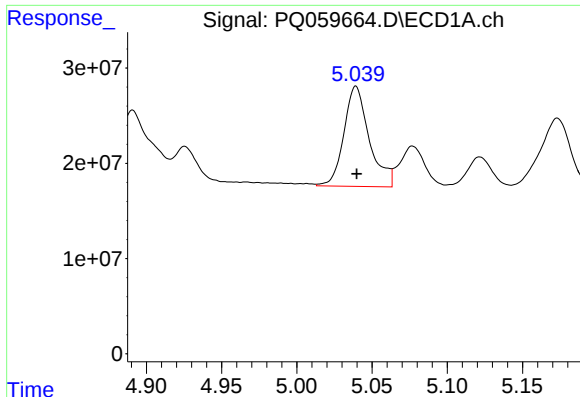
#6 AR-1016-4

R.T.: 4.754 min
Delta R.T.: 0.000 min
Response: 126982539
Conc: 385.63 ng/ml



#6 AR-1016-4

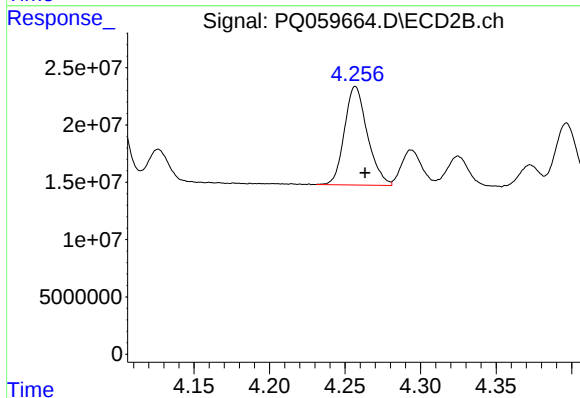
R.T.: 4.061 min
Delta R.T.: -0.006 min
Response: 69257059
Conc: 405.10 ng/ml



#7 AR-1016-5

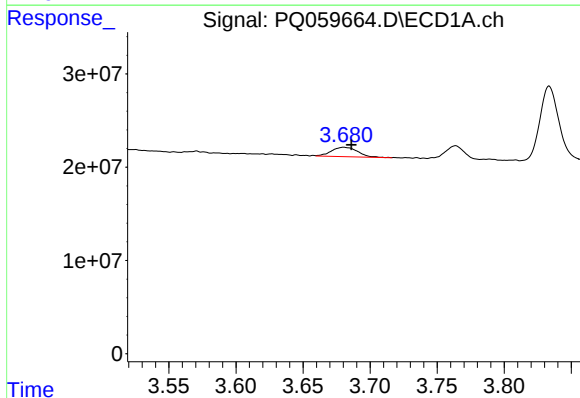
R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 123547058
Conc: 393.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



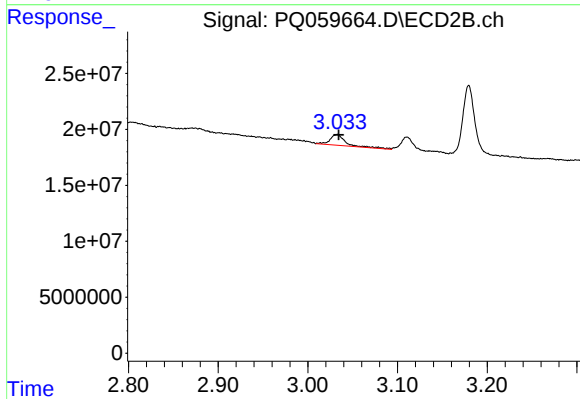
#7 AR-1016-5

R.T.: 4.257 min
Delta R.T.: -0.006 min
Response: 90709606
Conc: 402.62 ng/ml



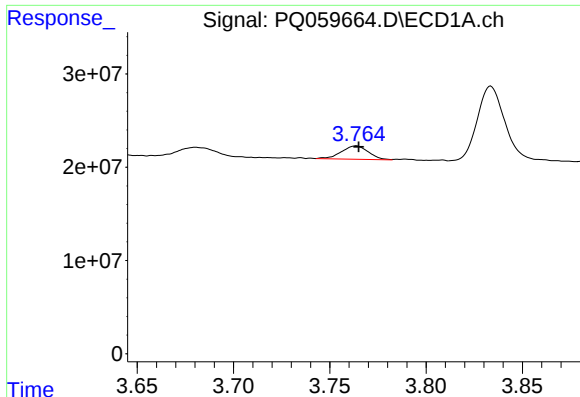
#8 AR-1221-1

R.T.: 3.680 min
Delta R.T.: -0.006 min
Response: 13785953
Conc: 93.20 ng/ml



#8 AR-1221-1

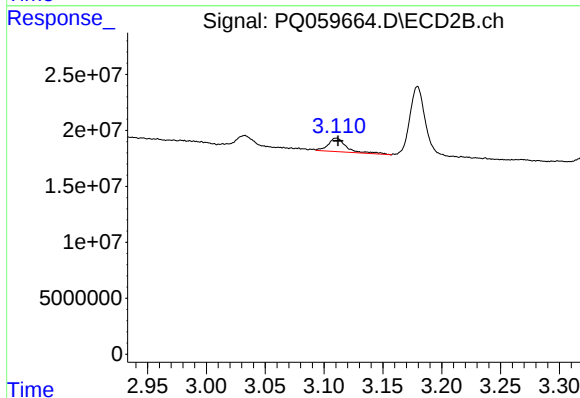
R.T.: 3.033 min
Delta R.T.: -0.002 min
Response: 11726295
Conc: 118.05 ng/ml



#9 AR-1221-2

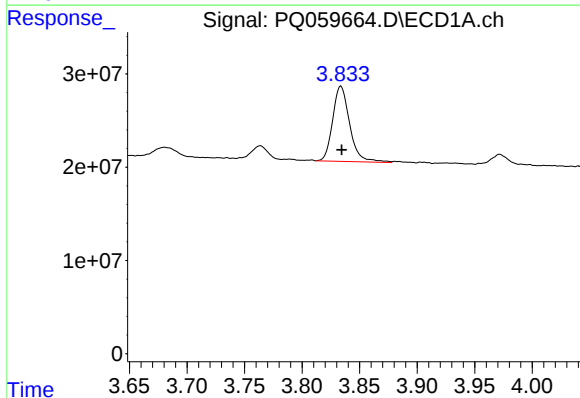
R.T.: 3.764 min
Delta R.T.: -0.001 min
Response: 14066897
Conc: 135.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



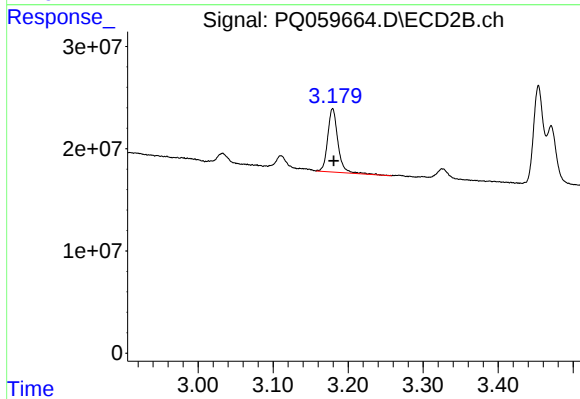
#9 AR-1221-2

R.T.: 3.110 min
Delta R.T.: -0.001 min
Response: 13205171
Conc: 192.92 ng/ml



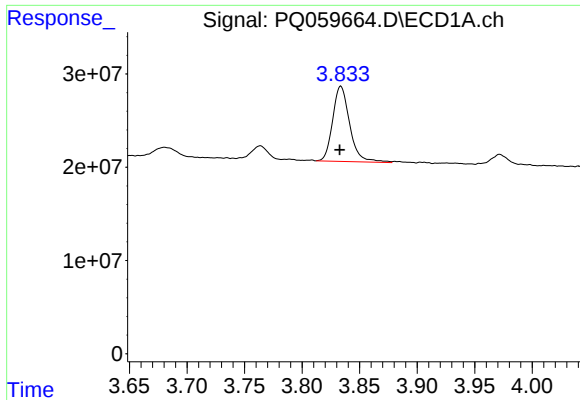
#10 AR-1221-3

R.T.: 3.834 min
Delta R.T.: 0.000 min
Response: 82968794
Conc: 249.21 ng/ml



#10 AR-1221-3

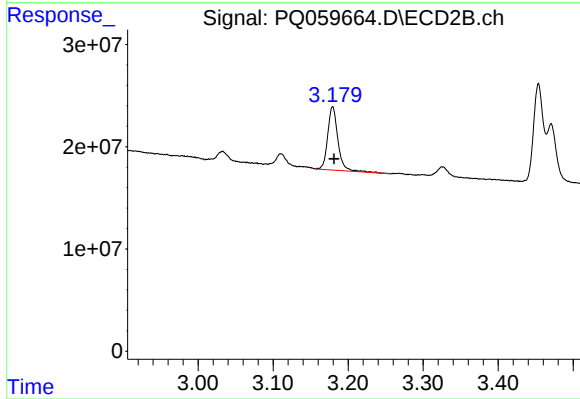
R.T.: 3.179 min
Delta R.T.: -0.002 min
Response: 58695076
Conc: 255.93 ng/ml



#11 AR-1232-1

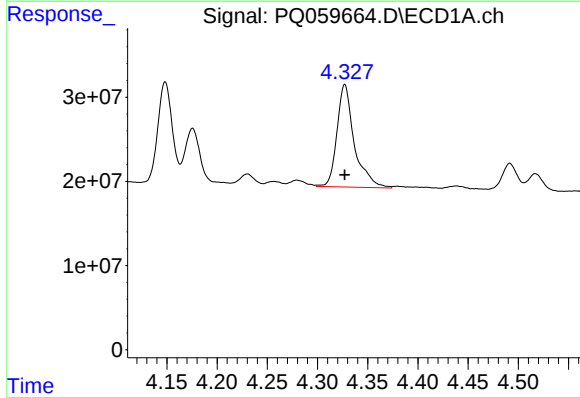
R.T.: 3.834 min
Delta R.T.: 0.000 min
Response: 82968794
Conc: 294.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



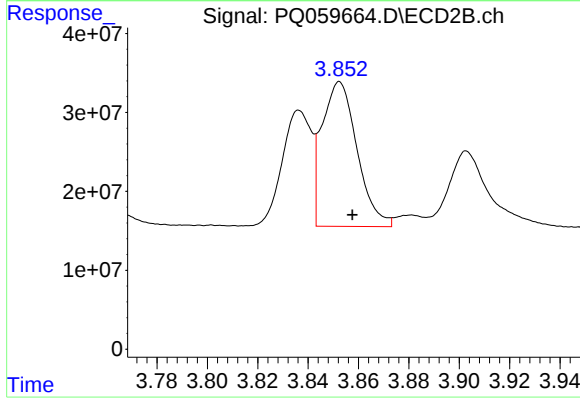
#11 AR-1232-1

R.T.: 3.179 min
Delta R.T.: -0.002 min
Response: 58695076
Conc: 304.82 ng/ml



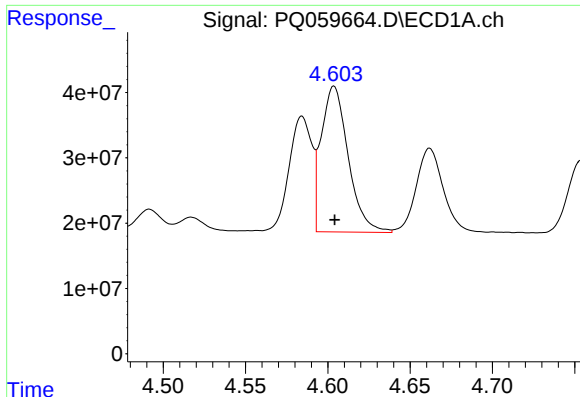
#12 AR-1232-2

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 146423132
Conc: 996.66 ng/ml



#12 AR-1232-2

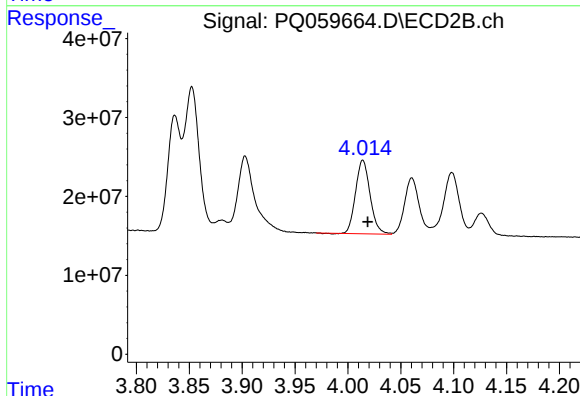
R.T.: 3.853 min
Delta R.T.: -0.005 min
Response: 177456904
Conc: 942.20 ng/ml



#13 AR-1232-3

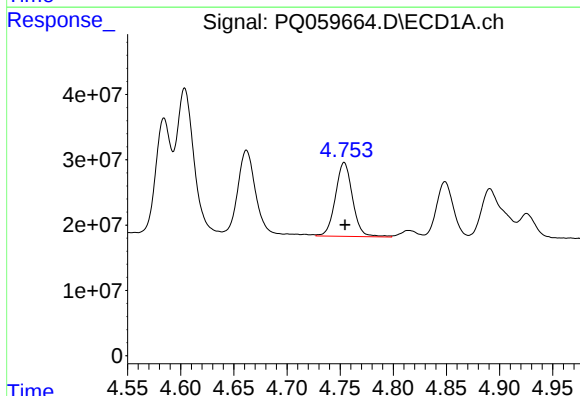
R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 255019086
Conc: 893.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



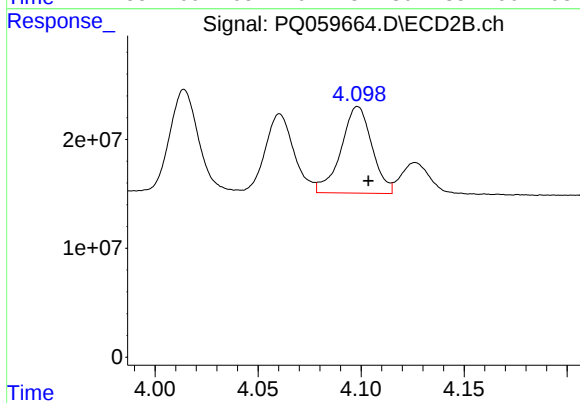
#13 AR-1232-3

R.T.: 4.014 min
Delta R.T.: -0.005 min
Response: 89308020
Conc: 915.82 ng/ml



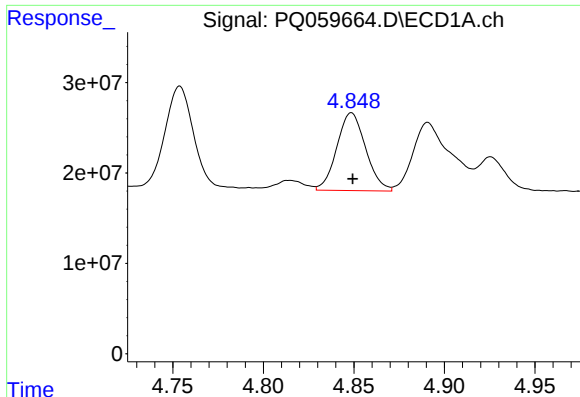
#14 AR-1232-4

R.T.: 4.754 min
Delta R.T.: 0.000 min
Response: 126982539
Conc: 848.72 ng/ml



#14 AR-1232-4

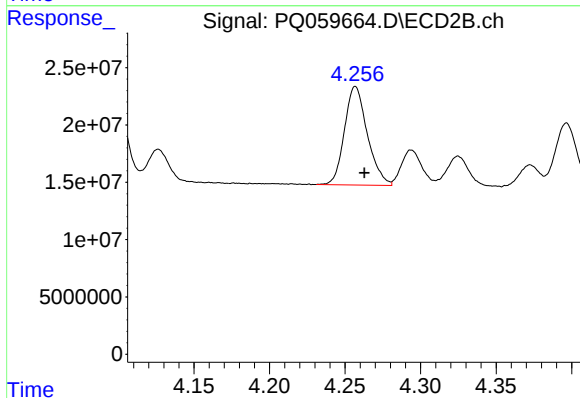
R.T.: 4.098 min
Delta R.T.: -0.005 min
Response: 83113488
Conc: 1018.15 ng/ml



#15 AR-1232-5

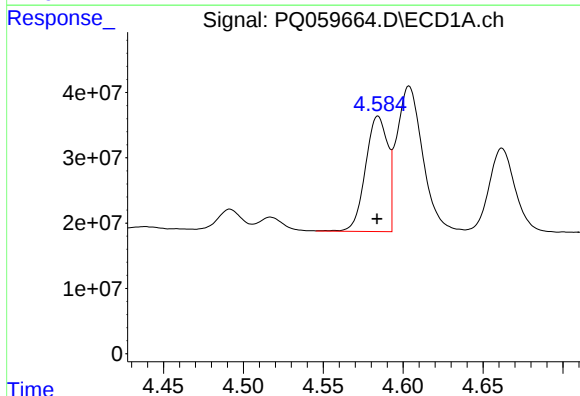
R.T.: 4.849 min
Delta R.T.: 0.000 min
Response: 95475211
Conc: 909.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



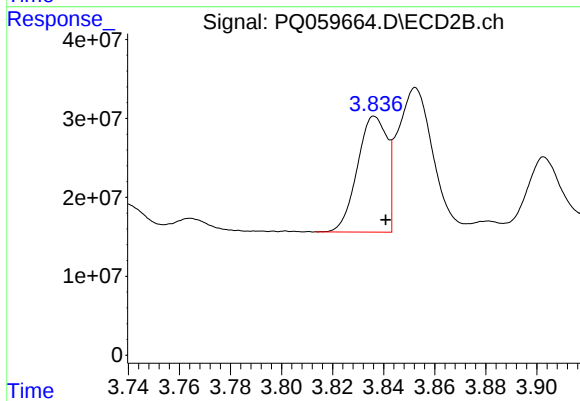
#15 AR-1232-5

R.T.: 4.257 min
Delta R.T.: -0.006 min
Response: 90709606
Conc: 949.98 ng/ml



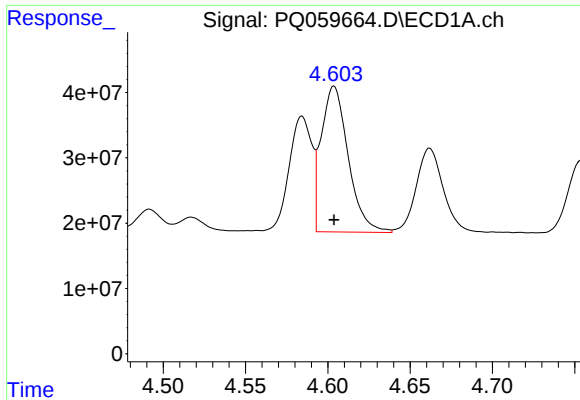
#16 AR-1242-1

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 170604827
Conc: 489.75 ng/ml



#16 AR-1242-1

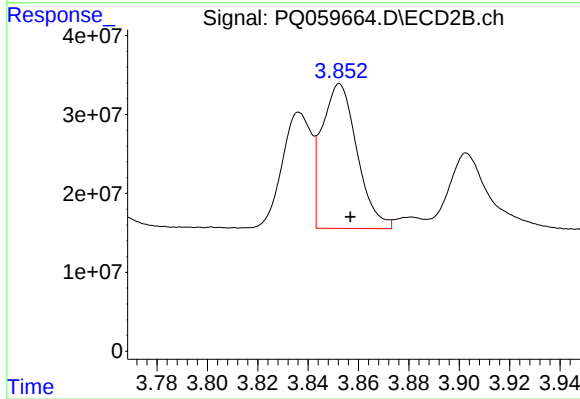
R.T.: 3.837 min
Delta R.T.: -0.004 min
Response: 118280006
Conc: 509.73 ng/ml



#17 AR-1242-2

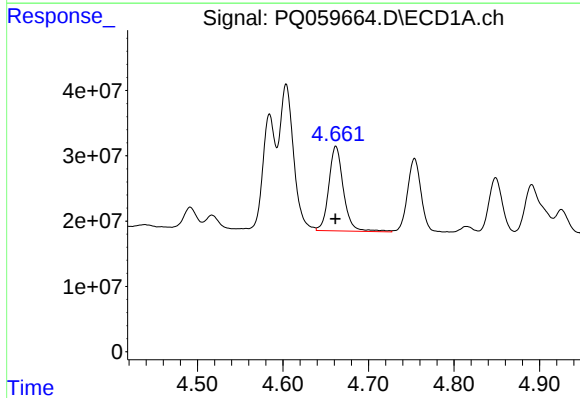
R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 255019086
Conc: 498.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



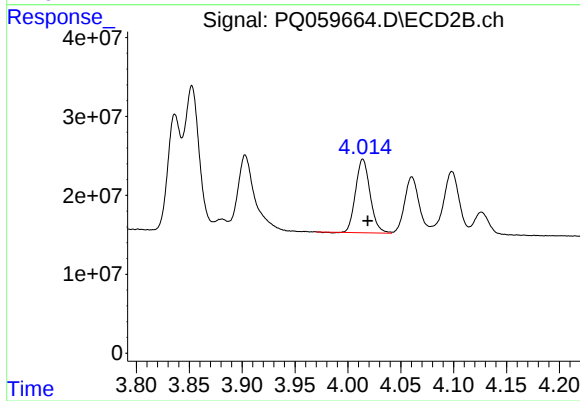
#17 AR-1242-2

R.T.: 3.853 min
Delta R.T.: -0.004 min
Response: 177456904
Conc: 509.07 ng/ml



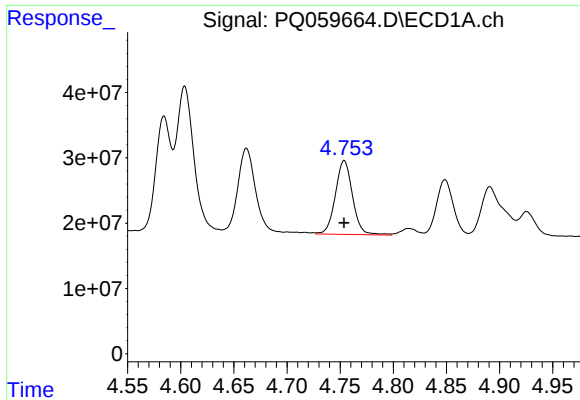
#18 AR-1242-3

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 154177433
Conc: 476.76 ng/ml



#18 AR-1242-3

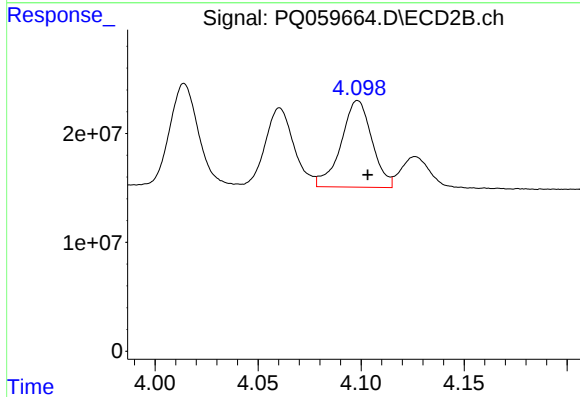
R.T.: 4.014 min
Delta R.T.: -0.005 min
Response: 89308020
Conc: 488.75 ng/ml



#19 AR-1242-4

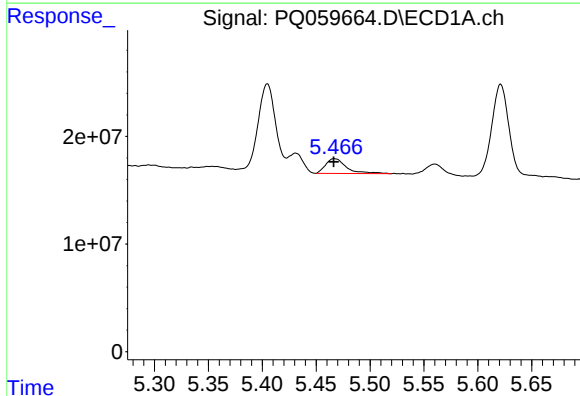
R.T.: 4.754 min
Delta R.T.: 0.000 min
Response: 126982539
Conc: 471.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



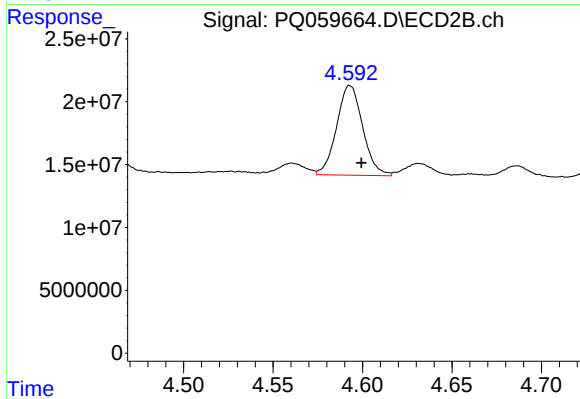
#19 AR-1242-4

R.T.: 4.098 min
Delta R.T.: -0.005 min
Response: 83113488
Conc: 492.75 ng/ml



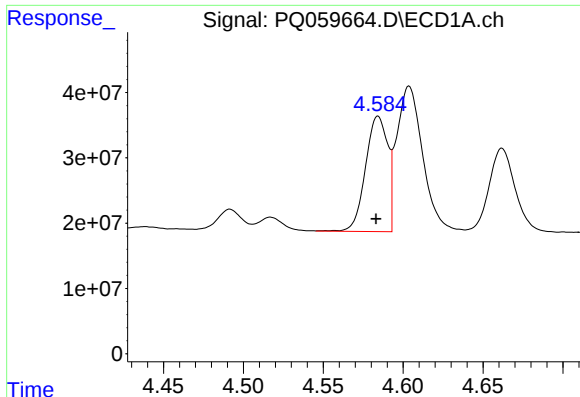
#20 AR-1242-5

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 17184299
Conc: 63.94 ng/ml



#20 AR-1242-5

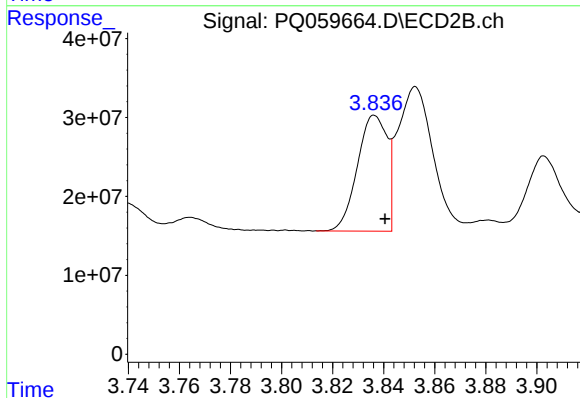
R.T.: 4.593 min
Delta R.T.: -0.006 min
Response: 72487277
Conc: 327.69 ng/ml



#21 AR-1248-1

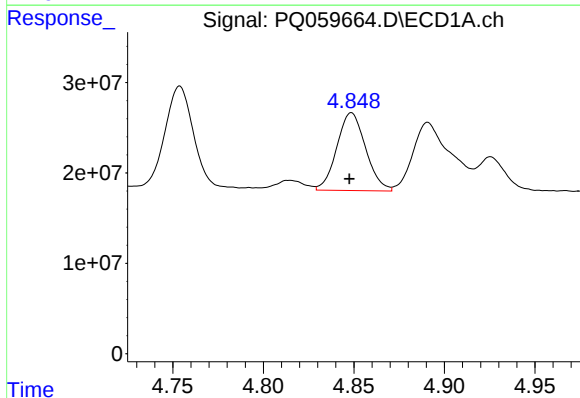
R.T.: 4.584 min
Delta R.T.: 0.001 min
Response: 170604827
Conc: 643.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



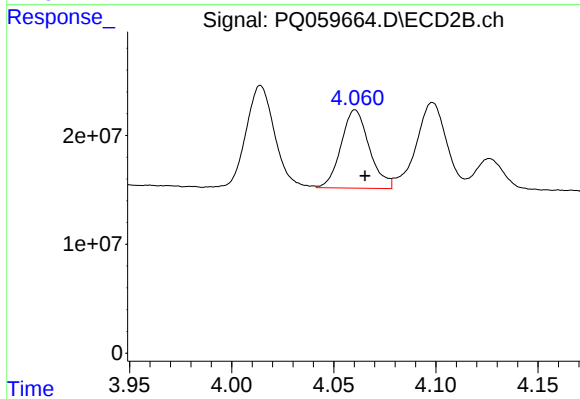
#21 AR-1248-1

R.T.: 3.837 min
Delta R.T.: -0.004 min
Response: 118280006
Conc: 665.30 ng/ml



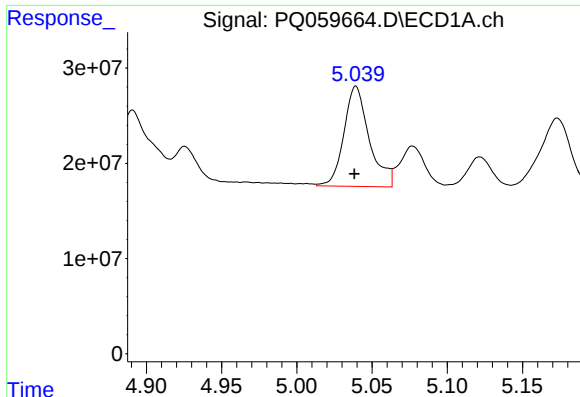
#22 AR-1248-2

R.T.: 4.849 min
Delta R.T.: 0.001 min
Response: 95475211
Conc: 267.80 ng/ml



#22 AR-1248-2

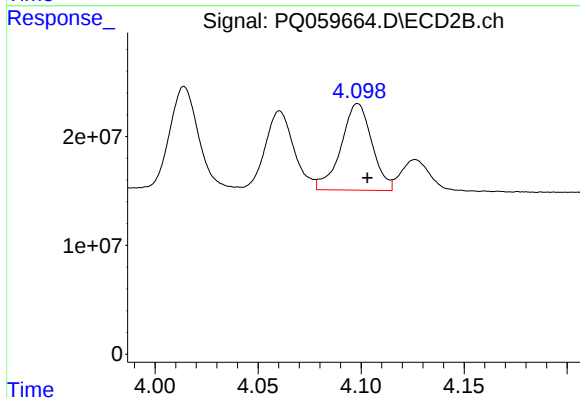
R.T.: 4.061 min
Delta R.T.: -0.005 min
Response: 69257059
Conc: 274.33 ng/ml



#23 AR-1248-3

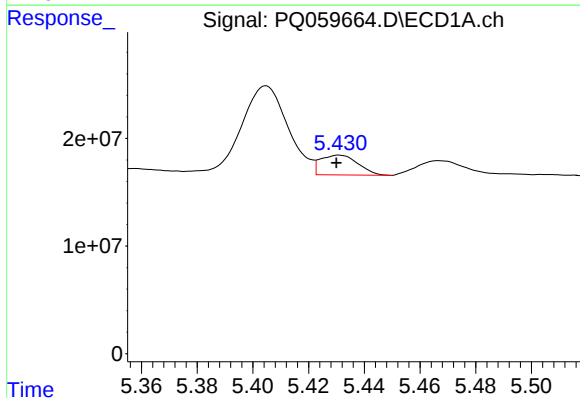
R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 123547058
Conc: 287.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



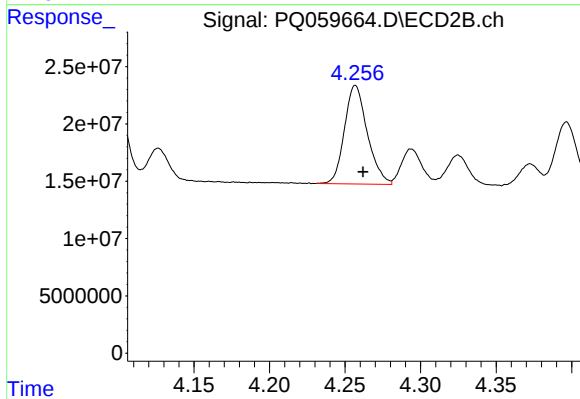
#23 AR-1248-3

R.T.: 4.098 min
Delta R.T.: -0.005 min
Response: 83113488
Conc: 329.19 ng/ml



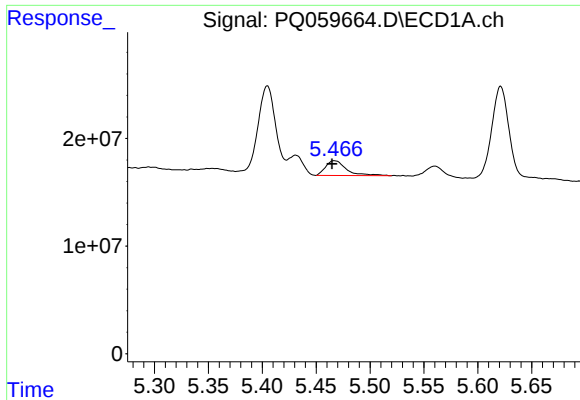
#24 AR-1248-4

R.T.: 5.431 min
Delta R.T.: 0.001 min
Response: 17133620
Conc: 36.86 ng/ml



#24 AR-1248-4

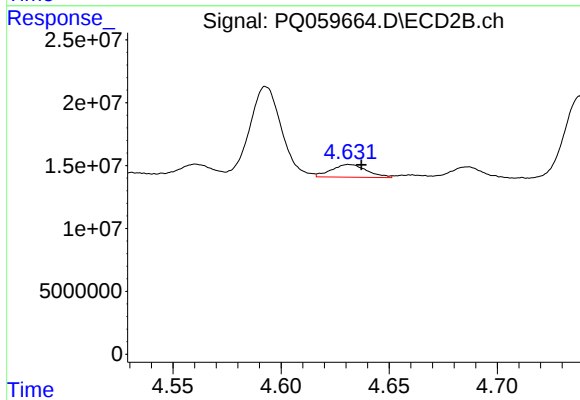
R.T.: 4.257 min
Delta R.T.: -0.005 min
Response: 90709606
Conc: 290.42 ng/ml



#25 AR-1248-5

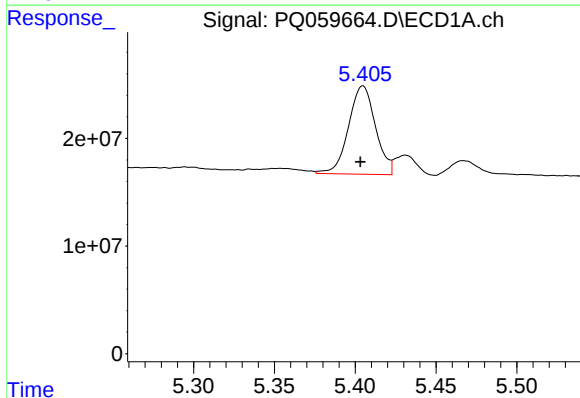
R.T.: 5.467 min
Delta R.T.: 0.002 min
Response: 17184299
Conc: 37.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



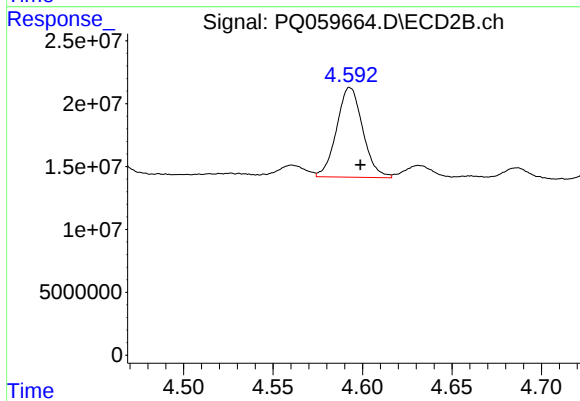
#25 AR-1248-5

R.T.: 4.632 min
Delta R.T.: -0.006 min
Response: 11567881
Conc: 36.82 ng/ml



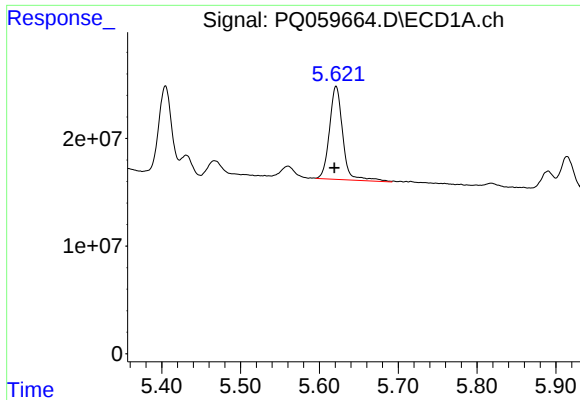
#26 AR-1254-1

R.T.: 5.405 min
Delta R.T.: 0.002 min
Response: 95161335
Conc: 198.42 ng/ml



#26 AR-1254-1

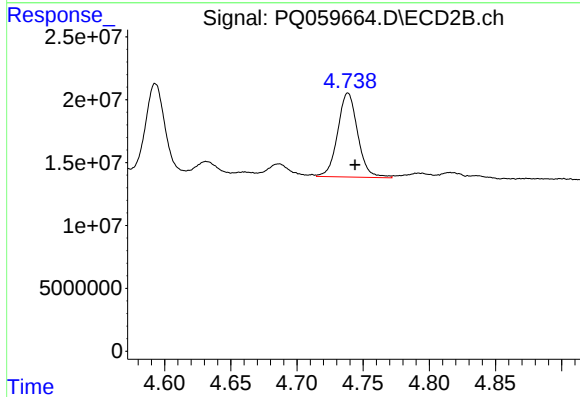
R.T.: 4.593 min
Delta R.T.: -0.006 min
Response: 72487277
Conc: 148.27 ng/ml



#27 AR-1254-2

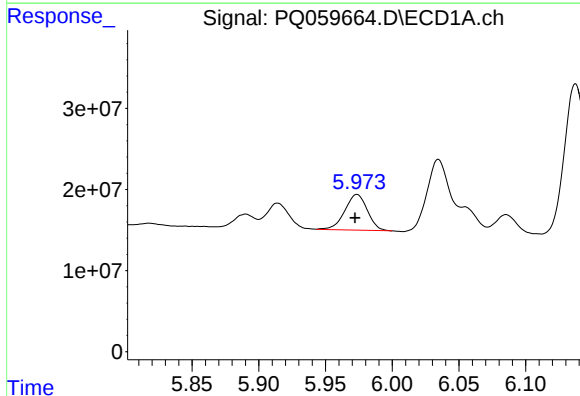
R.T.: 5.621 min
Delta R.T.: 0.002 min
Response: 102039260
Conc: 137.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



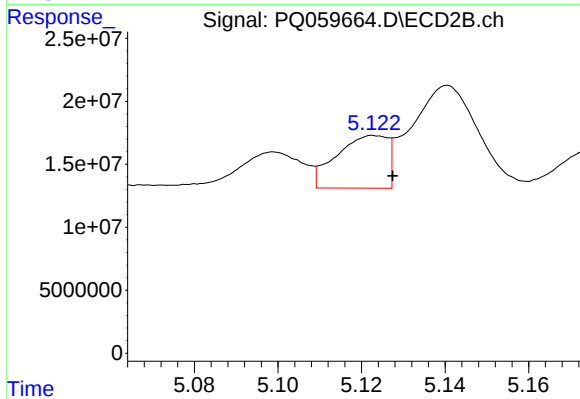
#27 AR-1254-2

R.T.: 4.739 min
Delta R.T.: -0.005 min
Response: 70253869
Conc: 162.22 ng/ml



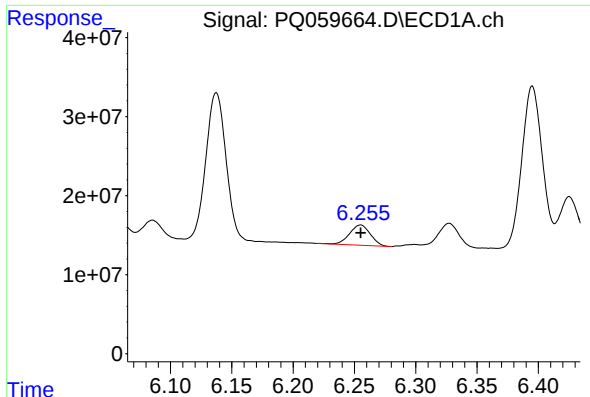
#28 AR-1254-3

R.T.: 5.974 min
Delta R.T.: 0.001 min
Response: 51428492
Conc: 65.73 ng/ml



#28 AR-1254-3

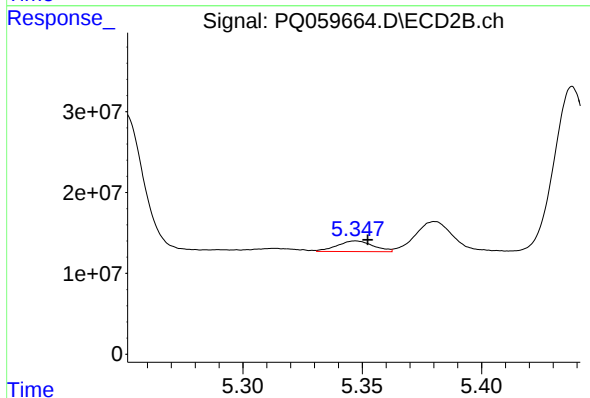
R.T.: 5.123 min
Delta R.T.: -0.004 min
Response: 35315055
Conc: 50.96 ng/ml



#29 AR-1254-4

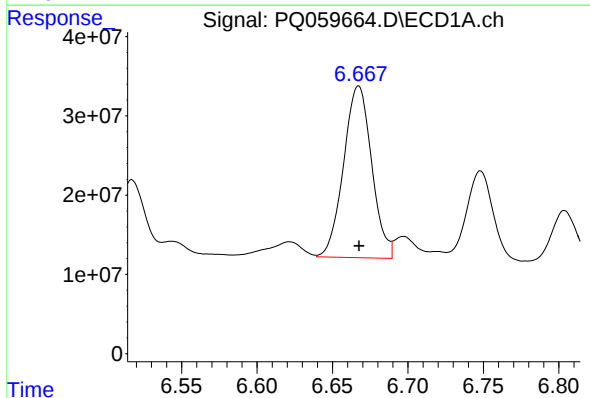
R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 30145258
Conc: 55.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



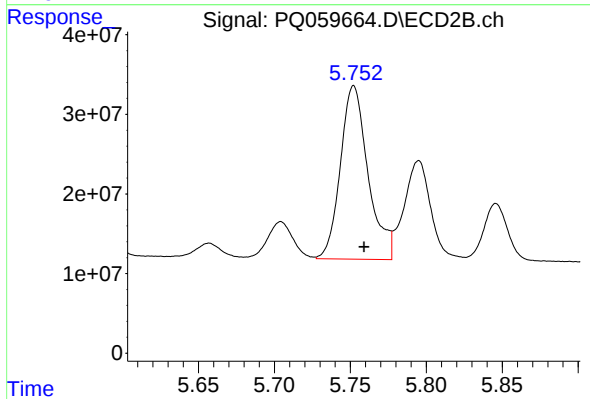
#29 AR-1254-4

R.T.: 5.347 min
Delta R.T.: -0.005 min
Response: 13823095
Conc: 32.11 ng/ml



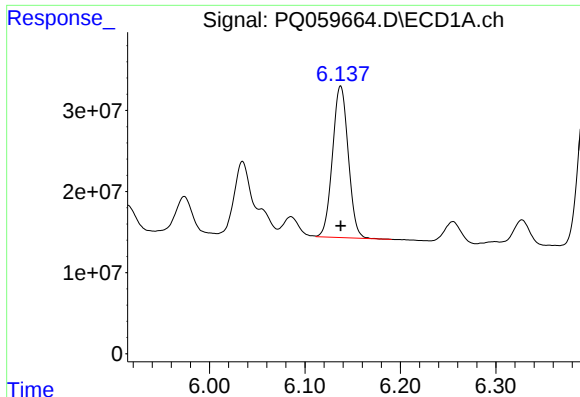
#30 AR-1254-5

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 281233725
Conc: 474.37 ng/ml



#30 AR-1254-5

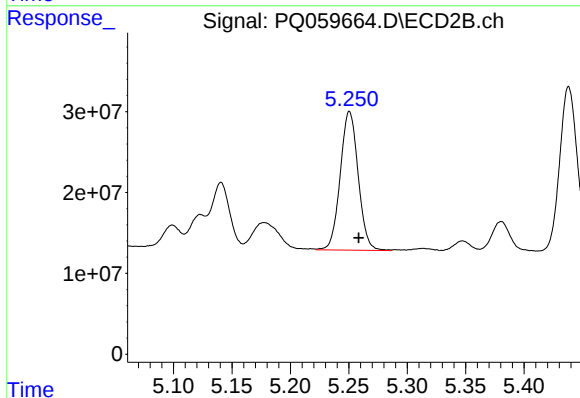
R.T.: 5.752 min
Delta R.T.: -0.007 min
Response: 276287827
Conc: 446.36 ng/ml



#31 AR-1260-1

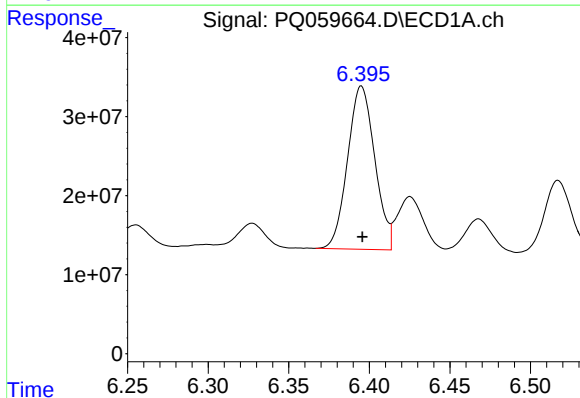
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 214446871
Conc: 385.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



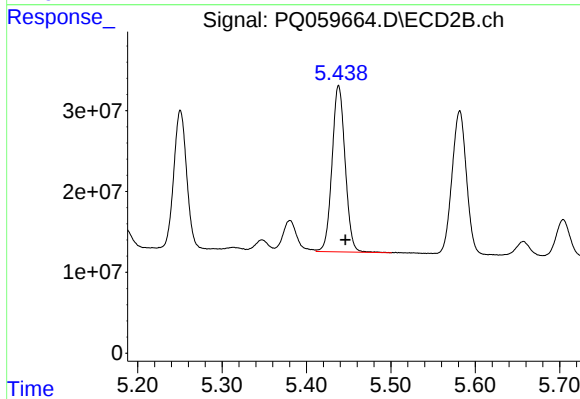
#31 AR-1260-1

R.T.: 5.251 min
Delta R.T.: -0.008 min
Response: 183692002
Conc: 407.69 ng/ml



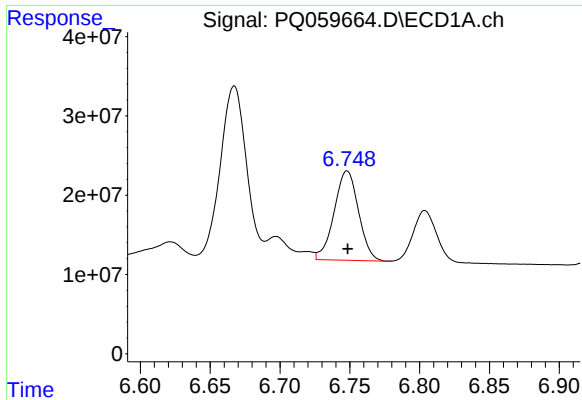
#32 AR-1260-2

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 242681561
Conc: 380.13 ng/ml



#32 AR-1260-2

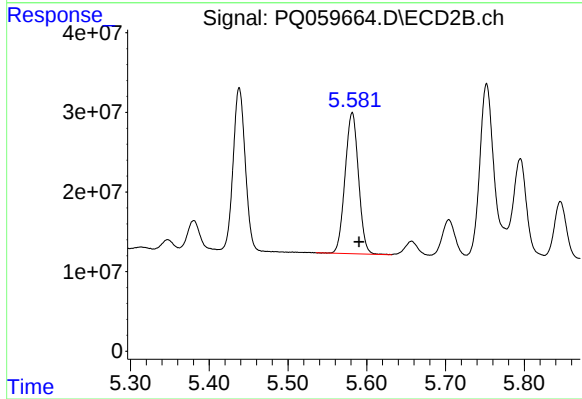
R.T.: 5.438 min
Delta R.T.: -0.008 min
Response: 221472406
Conc: 402.73 ng/ml



#33 AR-1260-3

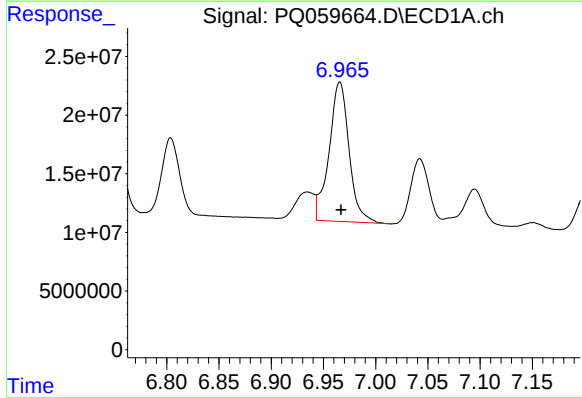
R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 137334384
Conc: 307.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



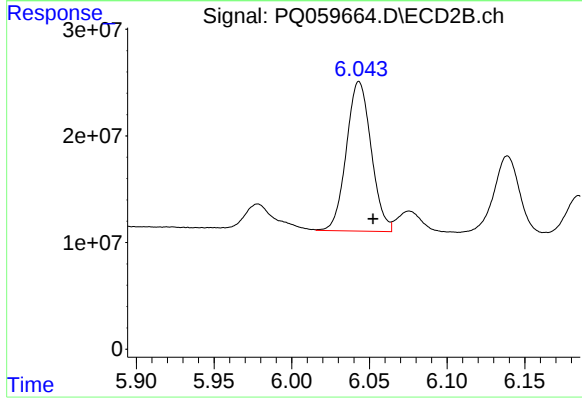
#33 AR-1260-3

R.T.: 5.582 min
Delta R.T.: -0.008 min
Response: 210331006
Conc: 405.43 ng/ml



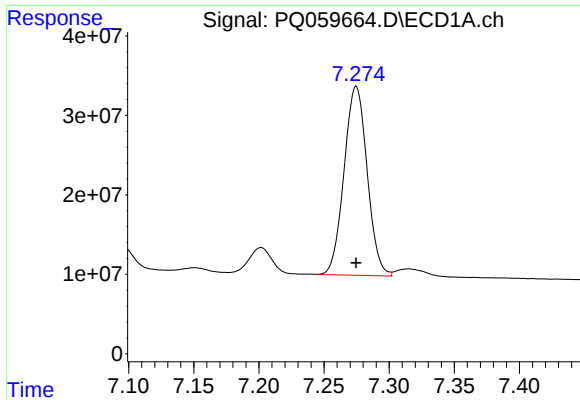
#34 AR-1260-4

R.T.: 6.966 min
Delta R.T.: -0.001 min
Response: 158674981
Conc: 329.07 ng/ml



#34 AR-1260-4

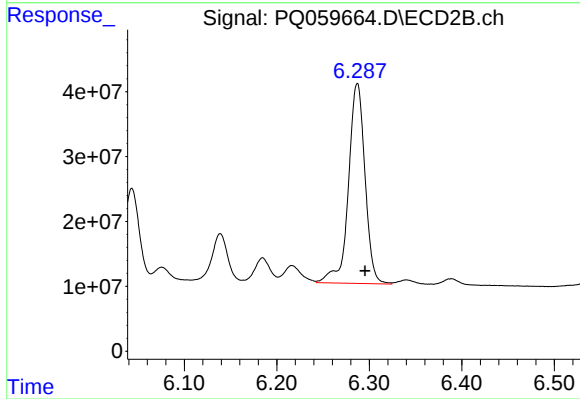
R.T.: 6.043 min
Delta R.T.: -0.009 min
Response: 155892006
Conc: 352.67 ng/ml



#35 AR-1260-5

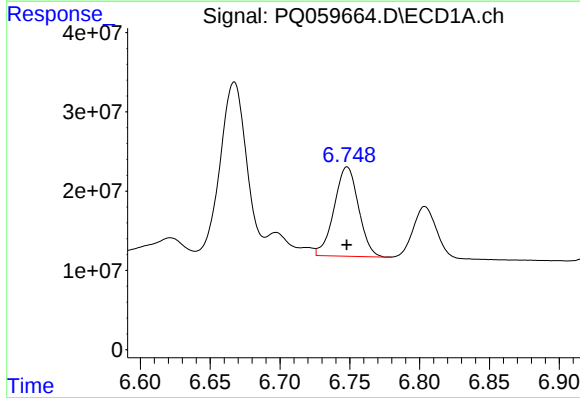
R.T.: 7.275 min
Delta R.T.: 0.000 min
Response: 293735365
Conc: 333.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



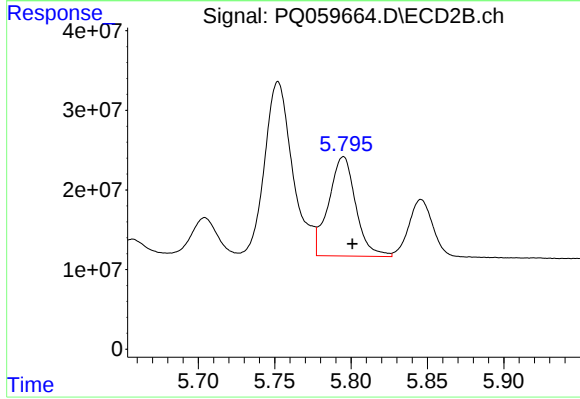
#35 AR-1260-5

R.T.: 6.287 min
Delta R.T.: -0.009 min
Response: 383499851
Conc: 376.03 ng/ml



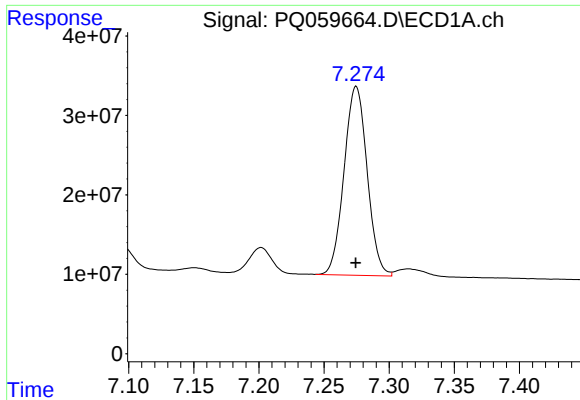
#36 AR-1262-1

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 137334384
Conc: 197.51 ng/ml



#36 AR-1262-1

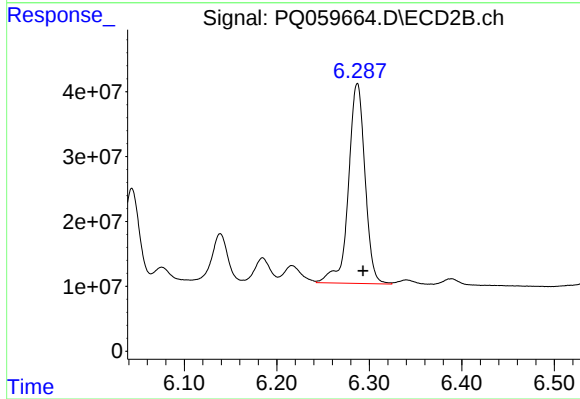
R.T.: 5.795 min
Delta R.T.: -0.006 min
Response: 154617549
Conc: 242.64 ng/ml



#37 AR-1262-2

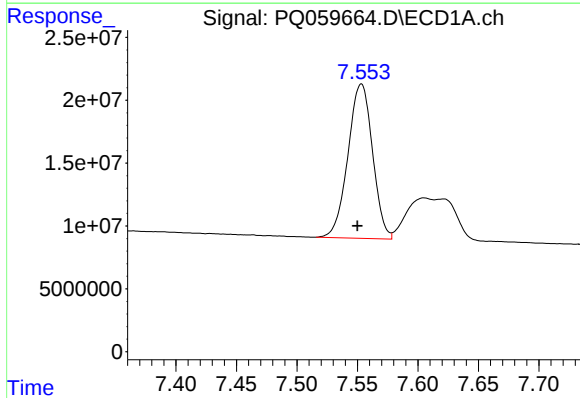
R.T.: 7.275 min
Delta R.T.: 0.000 min
Response: 293735365
Conc: 270.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



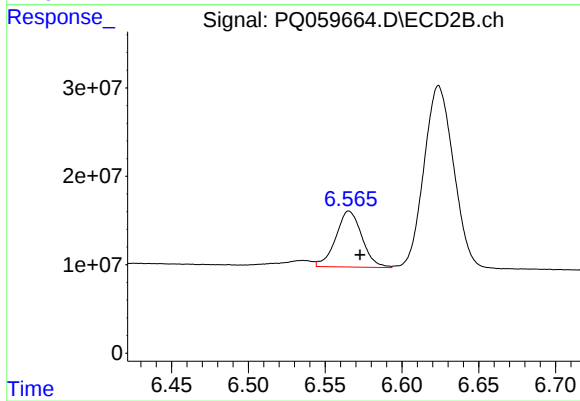
#37 AR-1262-2

R.T.: 6.287 min
Delta R.T.: -0.006 min
Response: 383499851
Conc: 327.88 ng/ml



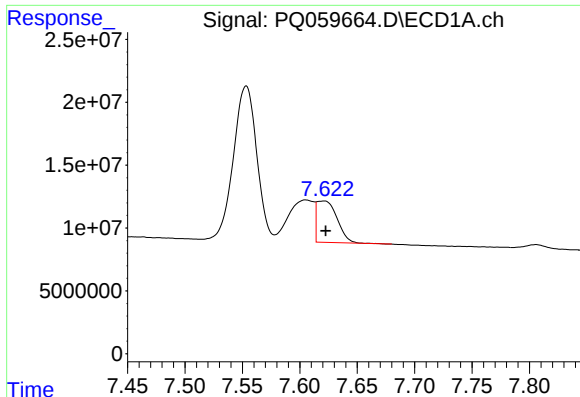
#38 AR-1262-3

R.T.: 7.553 min
Delta R.T.: 0.003 min
Response: 173845311
Conc: 261.50 ng/ml



#38 AR-1262-3

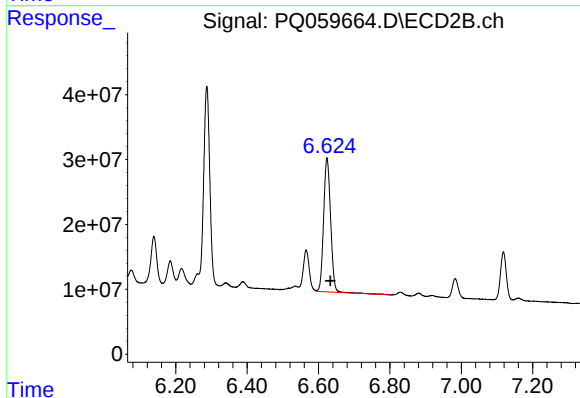
R.T.: 6.565 min
Delta R.T.: -0.007 min
Response: 74887386
Conc: 162.62 ng/ml



#39 AR-1262-4

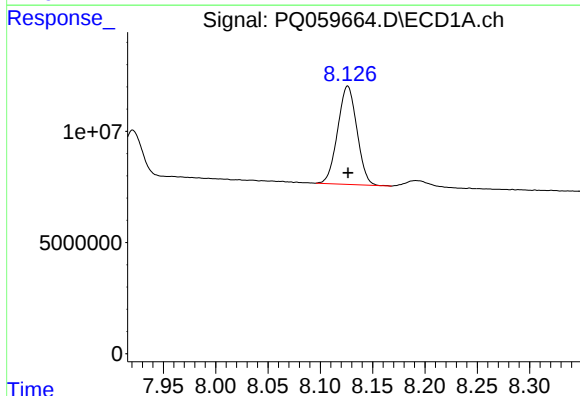
R.T.: 7.621 min
Delta R.T.: -0.001 min
Response: 39826193
Conc: 126.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



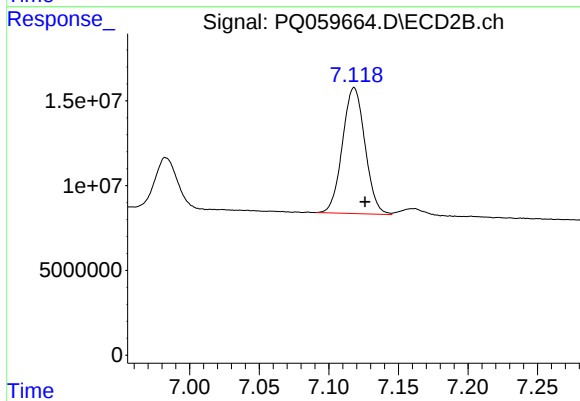
#39 AR-1262-4

R.T.: 6.624 min
Delta R.T.: -0.010 min
Response: 282386681
Conc: 322.23 ng/ml



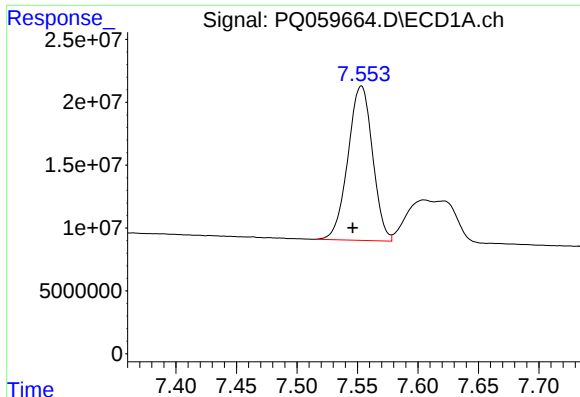
#40 AR-1262-5

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 56647125
Conc: 198.45 ng/ml



#40 AR-1262-5

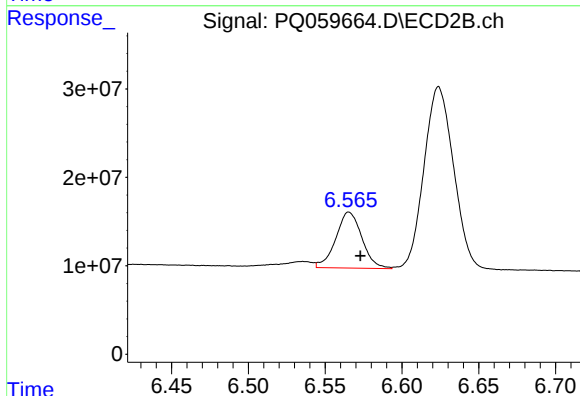
R.T.: 7.118 min
Delta R.T.: -0.008 min
Response: 83732067
Conc: 210.72 ng/ml



#41 AR-1268-1

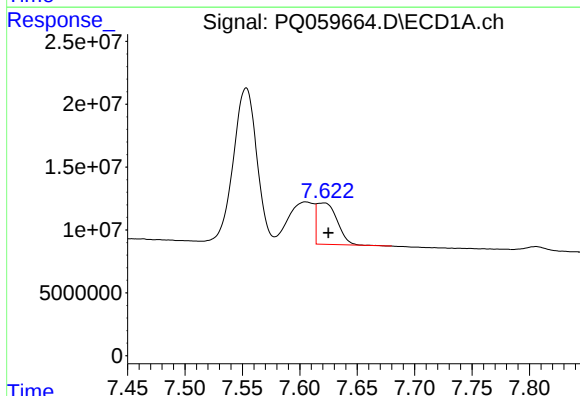
R.T.: 7.553 min
Delta R.T.: 0.007 min
Response: 173845311
Conc: 148.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



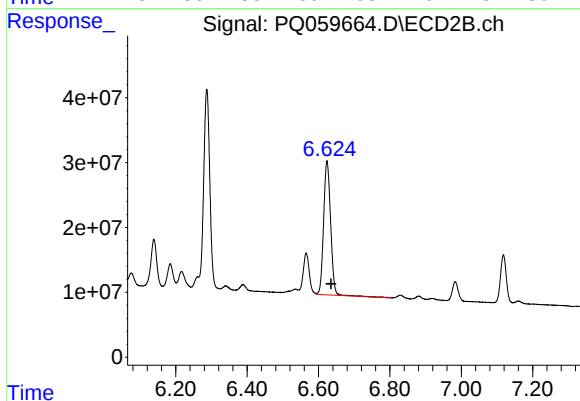
#41 AR-1268-1

R.T.: 6.565 min
Delta R.T.: -0.007 min
Response: 74887386
Conc: 53.23 ng/ml



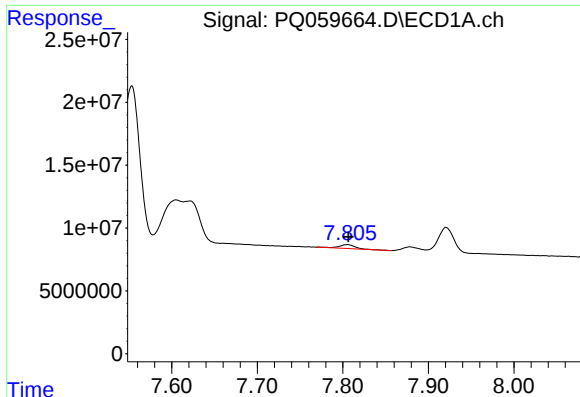
#42 AR-1268-2

R.T.: 7.621 min
Delta R.T.: -0.004 min
Response: 39826193
Conc: 38.06 ng/ml



#42 AR-1268-2

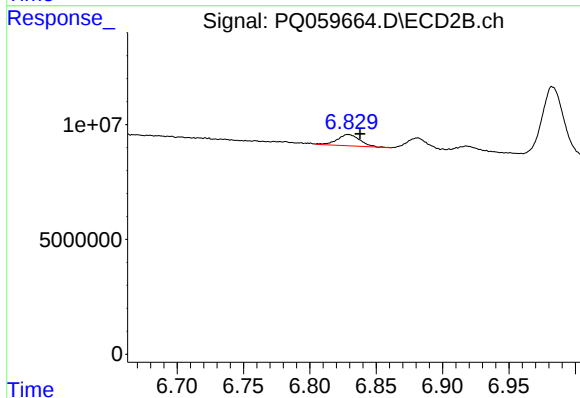
R.T.: 6.624 min
Delta R.T.: -0.012 min
Response: 282386681
Conc: 218.25 ng/ml



#43 AR-1268-3

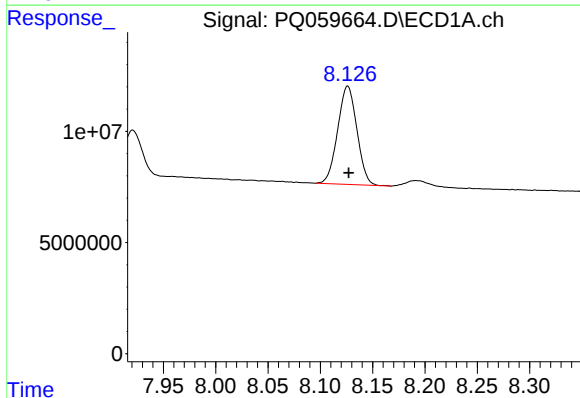
R.T.: 7.805 min
Delta R.T.: 0.000 min
Response: 4131135
Conc: 4.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



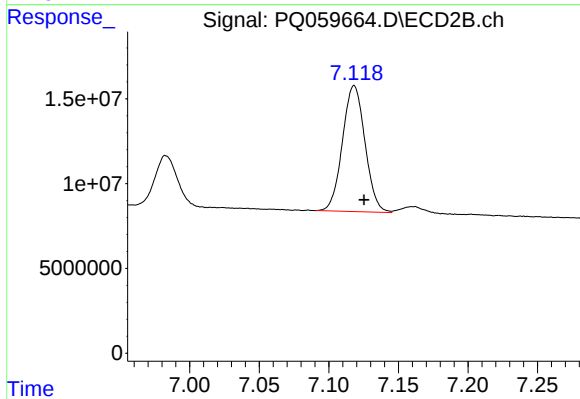
#43 AR-1268-3

R.T.: 6.829 min
Delta R.T.: -0.009 min
Response: 5864930
Conc: 5.31 ng/ml



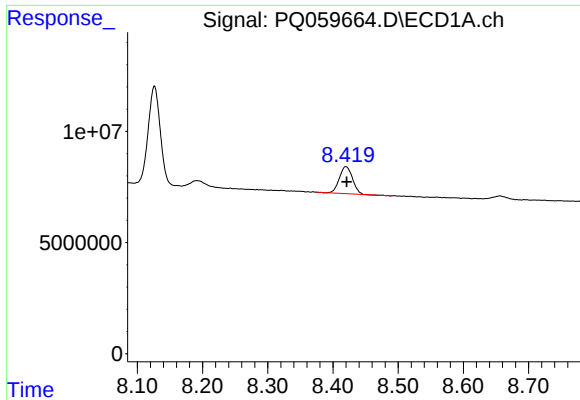
#44 AR-1268-4

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 56647125
Conc: 175.42 ng/ml



#44 AR-1268-4

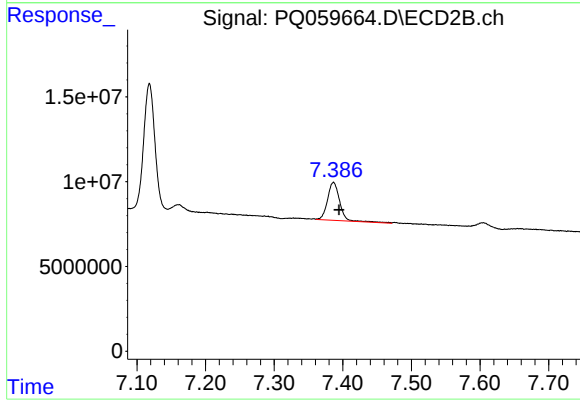
R.T.: 7.118 min
Delta R.T.: -0.007 min
Response: 83732067
Conc: 184.87 ng/ml



#45 AR-1268-5

R.T.: 8.420 min
Delta R.T.: -0.001 min
Response: 17012891
Conc: 7.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.386 min
Delta R.T.: -0.008 min
Response: 27793759
Conc: 7.77 ng/ml