

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
 Data File : PQ055238.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2021 00:59
 Operator : AJ\MA
 Sample : M4068-08
 Misc : AR1242 LOQ 50 PPB
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 02:28:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 30 02:09:05 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.246	4.320	326.5E6	193.5E6	18.571	18.816
2)	SA Decachlor...	11.437	9.724	335.4E6	175.6E6	21.262	19.614
Target Compounds							
3)	L1 AR-1016-1	6.569	5.591	23959875	13633343	40.636	38.029
4)	L1 AR-1016-2	6.593	5.613	35963815	19922560	40.008	38.698
5)	L1 AR-1016-3	6.659	5.807	25907678	10423105	46.137	38.922
6)	L1 AR-1016-4	6.767	5.856	20395492	8687284	42.713	40.048
7)	L1 AR-1016-5	7.081	6.089	17536632	10353368	40.233	37.820
8)	L2 AR-1221-1	0.000	4.580	0	1277834	N.D.	11.847 #
9)	L2 AR-1221-2	5.599	4.680	9381823	4014130	53.616	51.799
10)	L2 AR-1221-3	5.682	4.771	17492299	7446497	38.895	28.915 #
11)	L3 AR-1232-1	5.682	4.771	17492299	7446497	46.071	34.263 #
12)	L3 AR-1232-2	6.272	5.613	18927207	19922560	94.790	94.564
13)	L3 AR-1232-3	6.593	5.807	35963815	10423105	94.423	94.970
14)	L3 AR-1232-4	6.767	5.902	20395492	10571492	99.602	108.902
15)	L3 AR-1232-5	6.863	6.089	15653875	10353368	112.581	100.454
16)	L4 AR-1242-1	6.569	5.591	23959875	13633343	54.797	51.176
17)	L4 AR-1242-2	6.593	5.613	35963815	19922560	53.562	51.436
18)	L4 AR-1242-3	6.659	5.807	25907678	10423105	61.252	51.688
19)	L4 AR-1242-4	6.767	5.902	20395492	10571492	57.223	54.000
20)	L4 AR-1242-5	7.551	6.469	19702136	13350535	53.939	52.947
21)	L5 AR-1248-1	6.569	5.591	23959875	13633343	70.450	68.115
22)	L5 AR-1248-2	6.863	5.856	15653875	8687284	34.156	30.897
23)	L5 AR-1248-3	7.081	5.902	17536632	10571492	32.517	36.133
24)	L5 AR-1248-4	7.510	6.089	18660630	10353368	30.753	29.742
25)	L5 AR-1248-5	7.551	6.514	19702136	10955907	32.192	31.485
26)	L6 AR-1254-1	7.480	6.469	15730521	13350535	26.796	24.137
27)	L6 AR-1254-2	7.717	6.629	17521171	4234348	19.332	8.948 #
28)	L6 AR-1254-3	8.093	7.054	8905985	4948348	8.750	6.303 #
29)	L6 AR-1254-4	8.387	7.293	9450835	3244187	12.561	6.799 #
30)	L6 AR-1254-5	0.000	7.727	0	1096322	N.D.	1.639 #
31)	L7 AR-1260-1	0.000	7.206	0	1870962	N.D.	3.733 #
32)	L7 AR-1260-2	0.000	7.388	0	848740	N.D.	1.404 #
33)	L7 AR-1260-3	0.000	7.537	0	1912411	N.D.	3.348 #
34)	L7 AR-1260-4	0.000	8.022f	0	243054	N.D.	0.513 #
35)	L7 AR-1260-5	0.000	8.273	0	1291244	N.D.	1.118 #
36)	L8 AR-1262-1	0.000	7.727	0	1096322	N.D.	3.223 #
37)	L8 AR-1262-2	0.000	8.273	0	1291244	N.D.	1.048 #
38)	L8 AR-1262-3	0.000	8.600f	0	5163693	N.D.	11.172 #
40)	L8 AR-1262-5	0.000	9.149	0	12645148	N.D.	31.489 #
41)	L9 AR-1268-1	0.000	8.600f	0	5163693	N.D.	3.649 #
43)	L9 AR-1268-3	0.000	8.839	0	17586148	N.D.	16.076 #

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 Operator : AJ\MA
 Sample : M4068-08
 Misc : AR1242 LOQ 50 PPB
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 02:28:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 30 02:09:05 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	9.149	0	12645148	N.D.	27.991 #
45) L9	AR-1268-5	0.000	9.449	0	1004605	N.D.	0.284 #

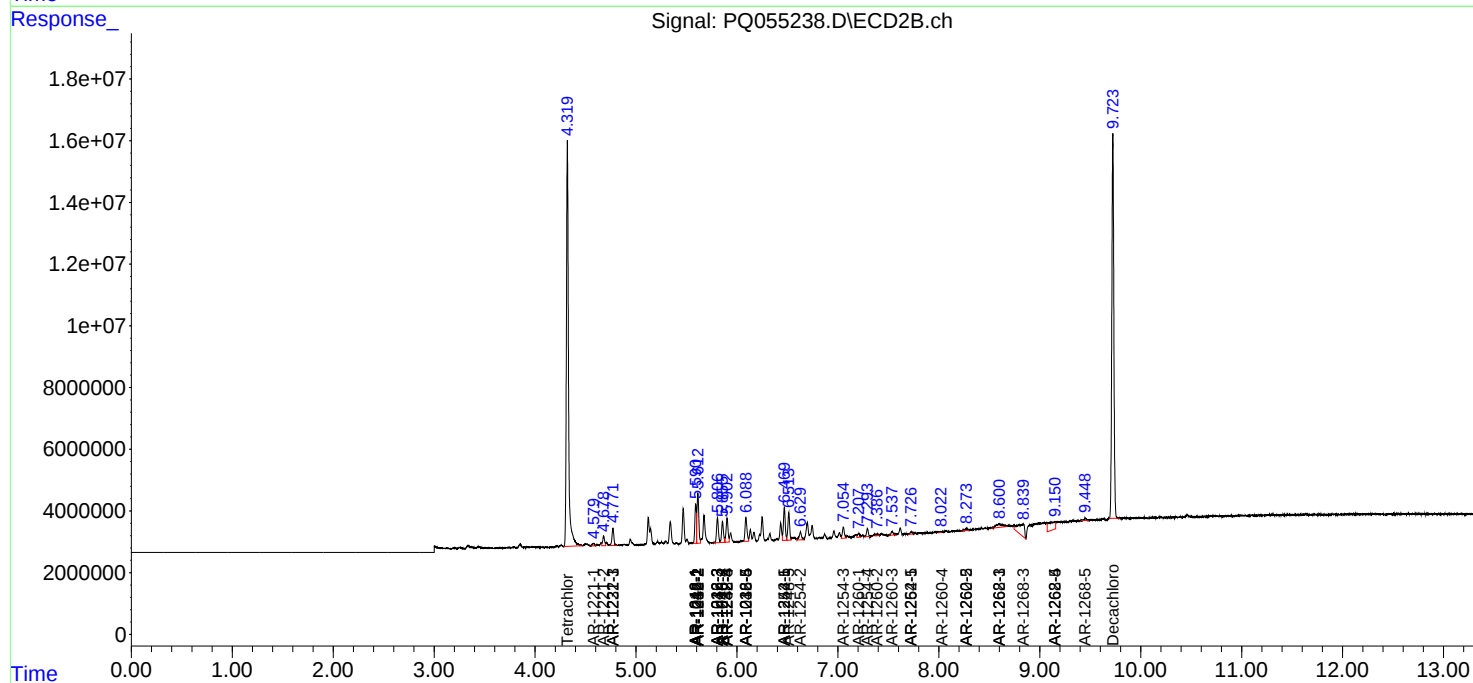
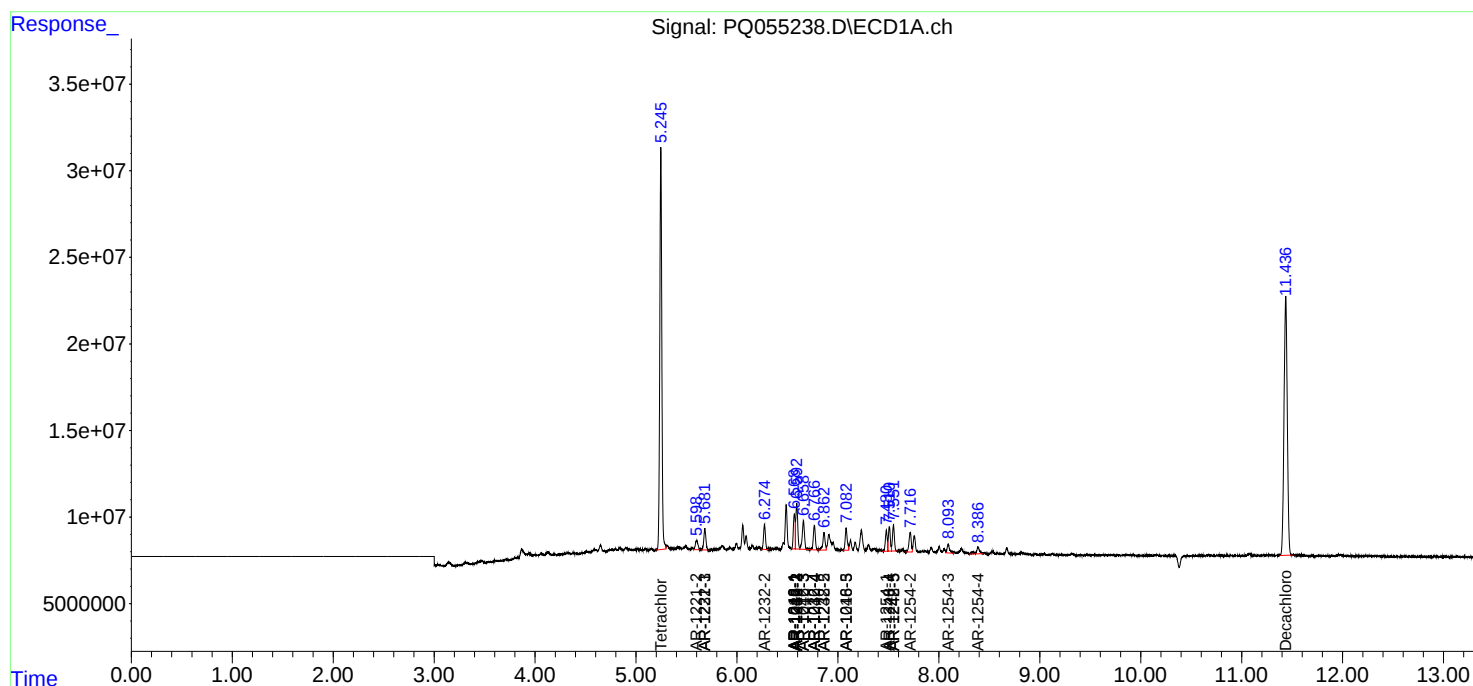
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

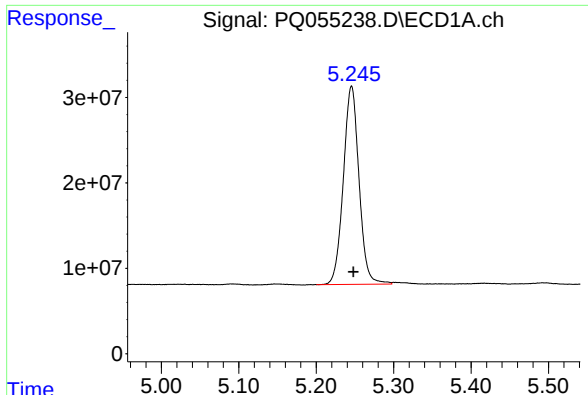
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
Data File : PQ055238.D
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Misc : AR1242 LOQ 50 PPB
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

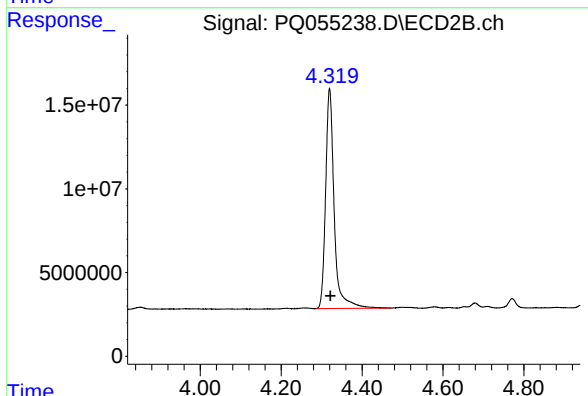




#1 Tetrachloro-m-xylene

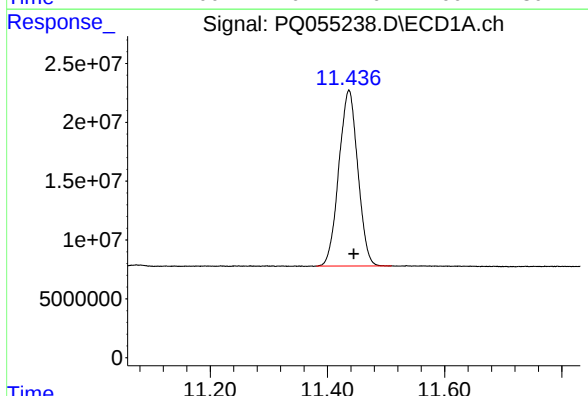
R.T.: 5.246 min
Delta R.T.: -0.002 min
Response: 326514371
Conc: 18.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



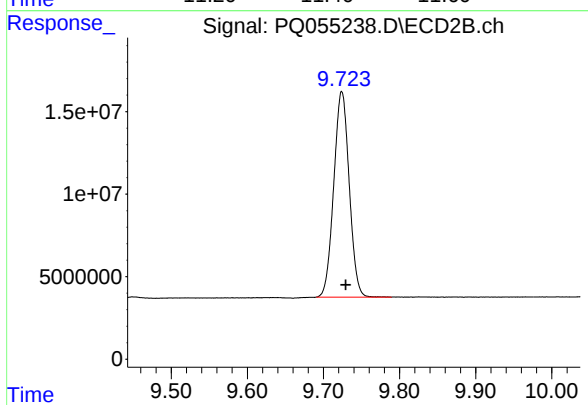
#1 Tetrachloro-m-xylene

R.T.: 4.320 min
Delta R.T.: -0.002 min
Response: 193487853
Conc: 18.82 ng/ml



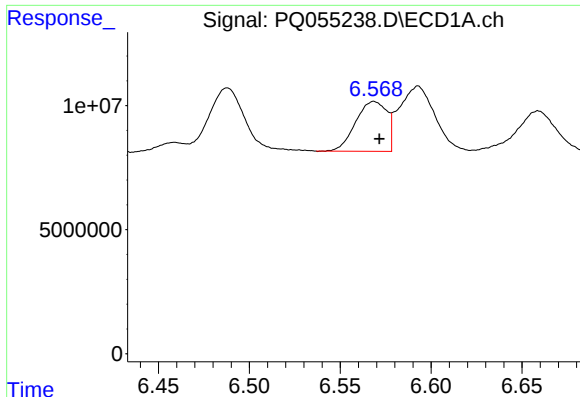
#2 Decachlorobiphenyl

R.T.: 11.437 min
Delta R.T.: -0.008 min
Response: 335354477
Conc: 21.26 ng/ml



#2 Decachlorobiphenyl

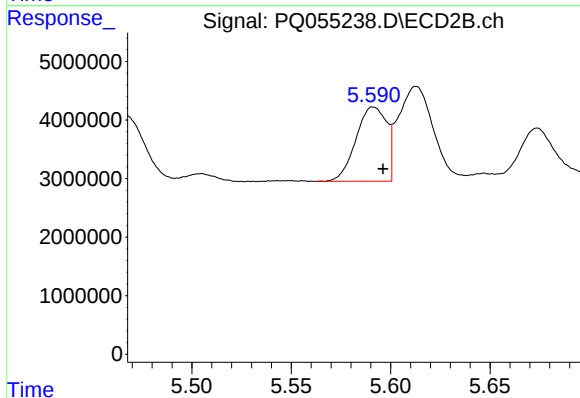
R.T.: 9.724 min
Delta R.T.: -0.005 min
Response: 175622370
Conc: 19.61 ng/ml



#3 AR-1016-1

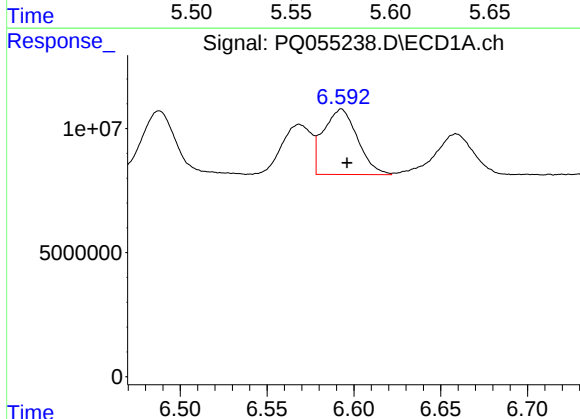
R.T.: 6.569 min
Delta R.T.: -0.003 min
Response: 23959875
Conc: 40.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



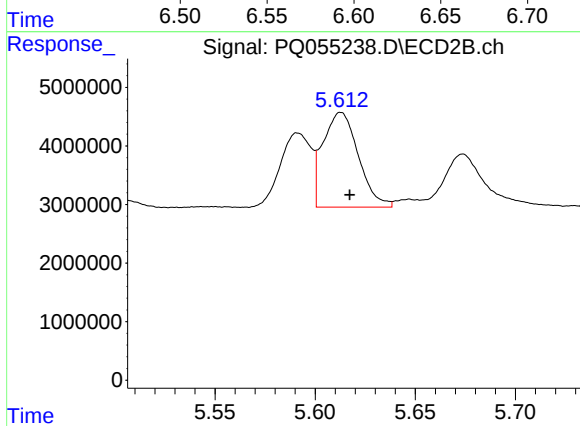
#3 AR-1016-1

R.T.: 5.591 min
Delta R.T.: -0.005 min
Response: 13633343
Conc: 38.03 ng/ml



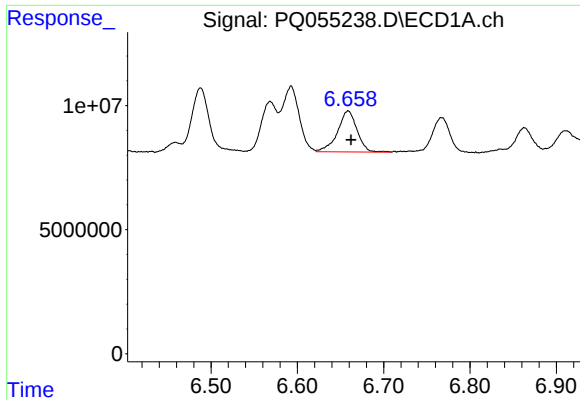
#4 AR-1016-2

R.T.: 6.593 min
Delta R.T.: -0.003 min
Response: 35963815
Conc: 40.01 ng/ml



#4 AR-1016-2

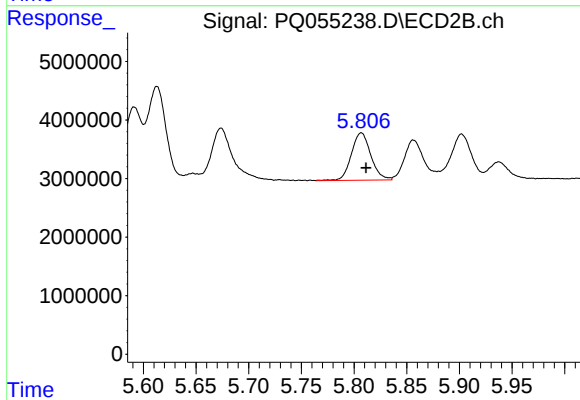
R.T.: 5.613 min
Delta R.T.: -0.004 min
Response: 19922560
Conc: 38.70 ng/ml



#5 AR-1016-3

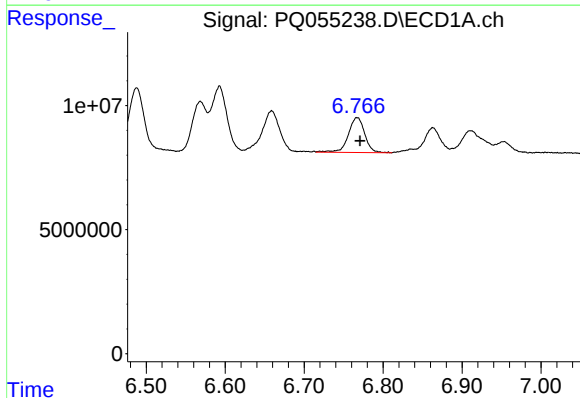
R.T.: 6.659 min
Delta R.T.: -0.003 min
Response: 25907678
Conc: 46.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



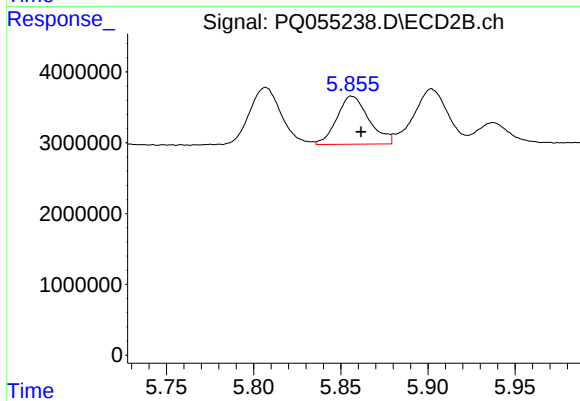
#5 AR-1016-3

R.T.: 5.807 min
Delta R.T.: -0.005 min
Response: 10423105
Conc: 38.92 ng/ml



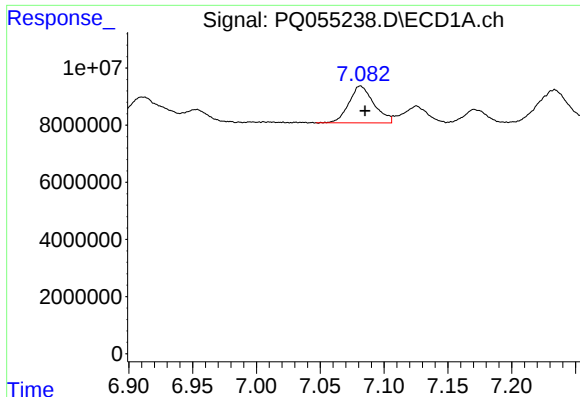
#6 AR-1016-4

R.T.: 6.767 min
Delta R.T.: -0.004 min
Response: 20395492
Conc: 42.71 ng/ml



#6 AR-1016-4

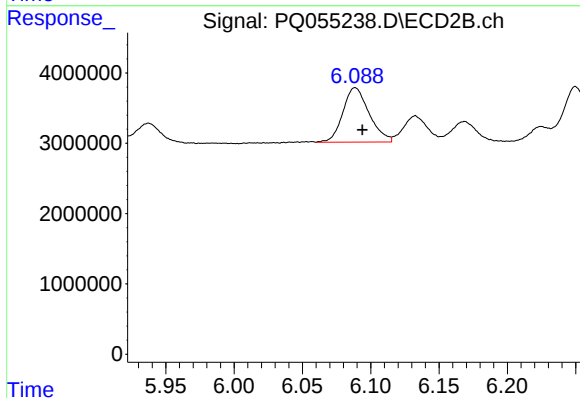
R.T.: 5.856 min
Delta R.T.: -0.005 min
Response: 8687284
Conc: 40.05 ng/ml



#7 AR-1016-5

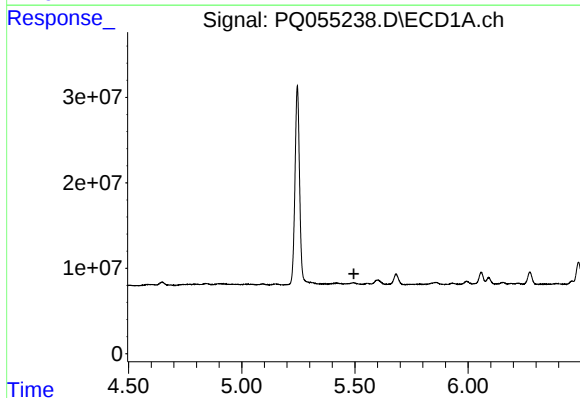
R.T.: 7.081 min
Delta R.T.: -0.004 min
Response: 17536632
Conc: 40.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



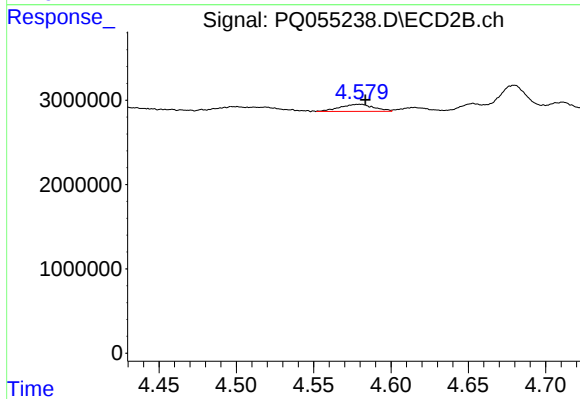
#7 AR-1016-5

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 10353368
Conc: 37.82 ng/ml



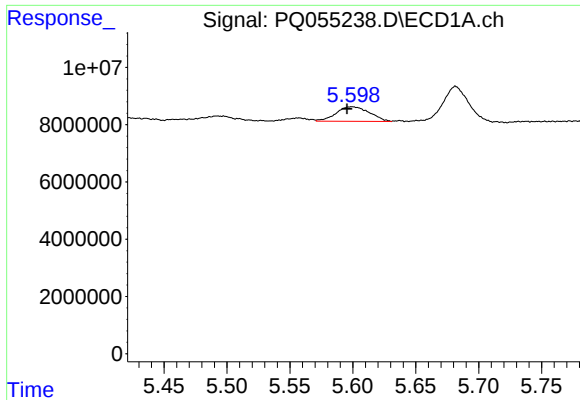
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.495 min
Response: 0
Conc: N.D.



#8 AR-1221-1

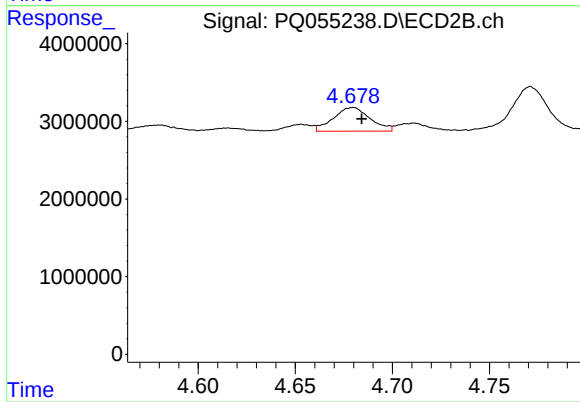
R.T.: 4.580 min
Delta R.T.: -0.004 min
Response: 1277834
Conc: 11.85 ng/ml



#9 AR-1221-2

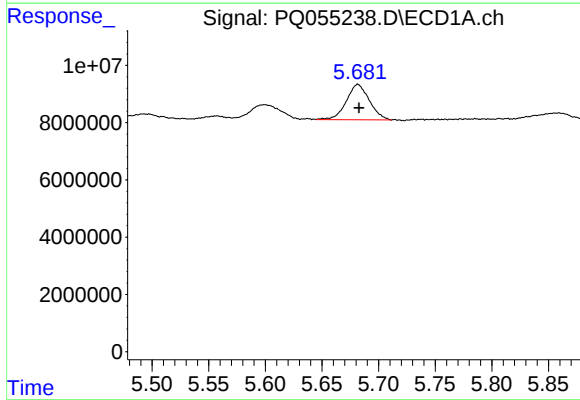
R.T.: 5.599 min
Delta R.T.: 0.004 min
Response: 9381823
Conc: 53.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



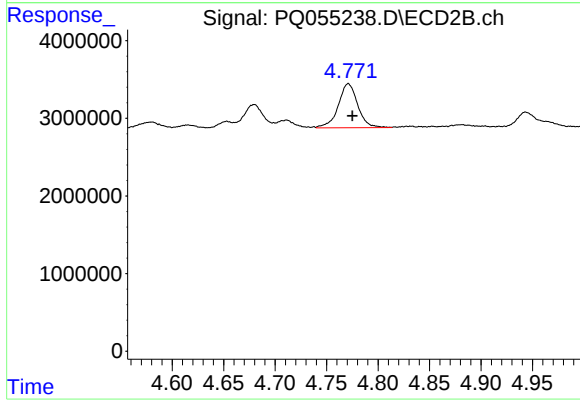
#9 AR-1221-2

R.T.: 4.680 min
Delta R.T.: -0.005 min
Response: 4014130
Conc: 51.80 ng/ml



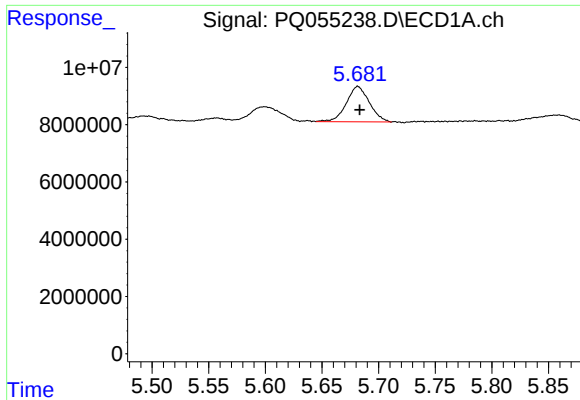
#10 AR-1221-3

R.T.: 5.682 min
Delta R.T.: -0.001 min
Response: 17492299
Conc: 38.89 ng/ml



#10 AR-1221-3

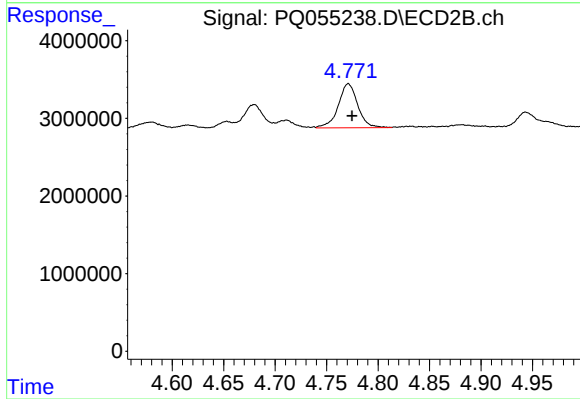
R.T.: 4.771 min
Delta R.T.: -0.004 min
Response: 7446497
Conc: 28.92 ng/ml



#11 AR-1232-1

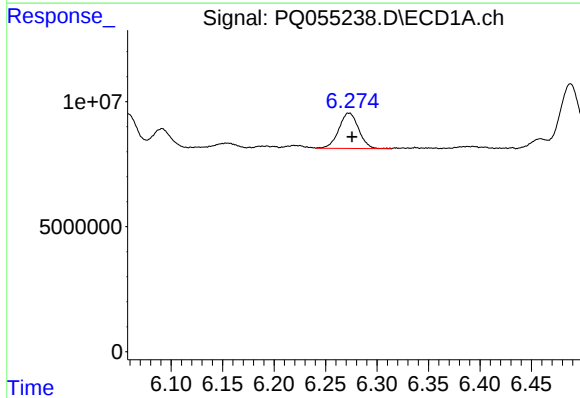
R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 17492299
Conc: 46.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



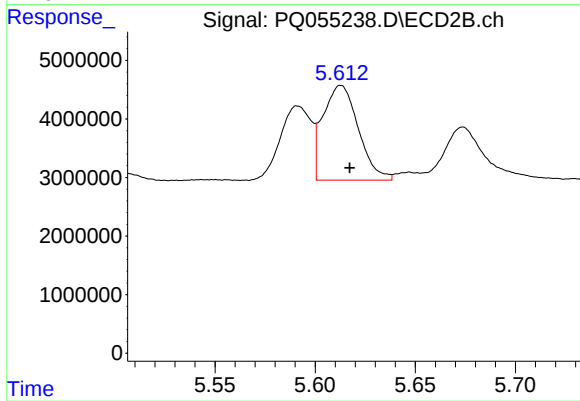
#11 AR-1232-1

R.T.: 4.771 min
Delta R.T.: -0.004 min
Response: 7446497
Conc: 34.26 ng/ml



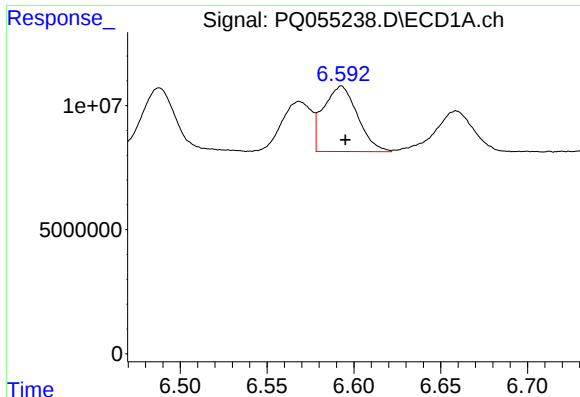
#12 AR-1232-2

R.T.: 6.272 min
Delta R.T.: -0.004 min
Response: 18927207
Conc: 94.79 ng/ml



#12 AR-1232-2

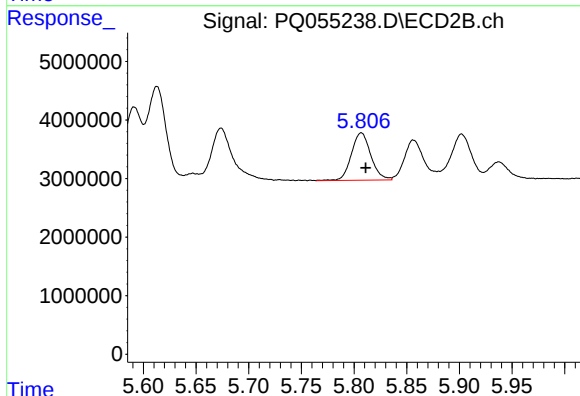
R.T.: 5.613 min
Delta R.T.: -0.004 min
Response: 19922560
Conc: 94.56 ng/ml



#13 AR-1232-3

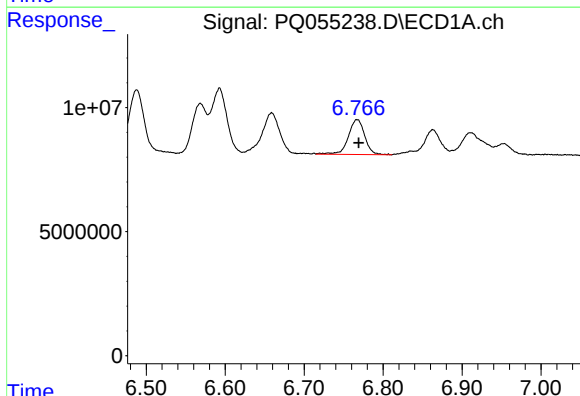
R.T.: 6.593 min
Delta R.T.: -0.002 min
Response: 35963815
Conc: 94.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



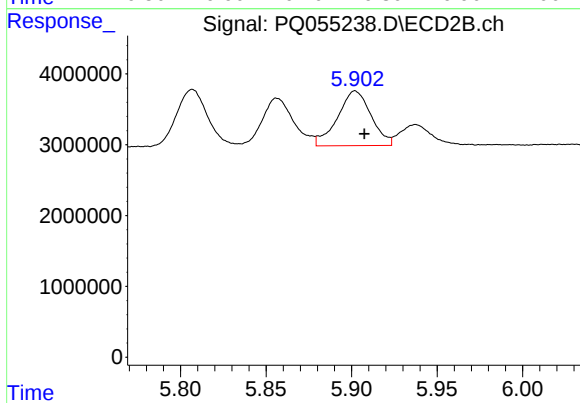
#13 AR-1232-3

R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 10423105
Conc: 94.97 ng/ml



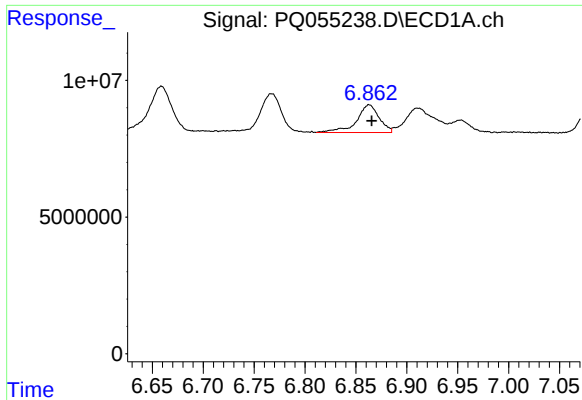
#14 AR-1232-4

R.T.: 6.767 min
Delta R.T.: -0.003 min
Response: 20395492
Conc: 99.60 ng/ml



#14 AR-1232-4

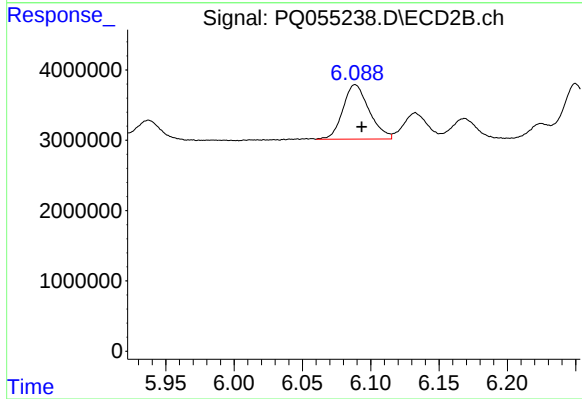
R.T.: 5.902 min
Delta R.T.: -0.005 min
Response: 10571492
Conc: 108.90 ng/ml



#15 AR-1232-5

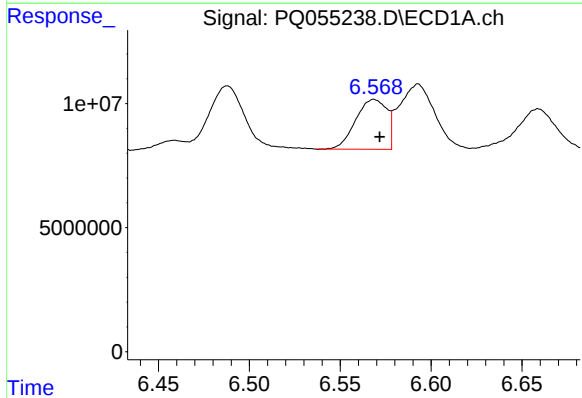
R.T.: 6.863 min
Delta R.T.: -0.002 min
Response: 15653875
Conc: 112.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



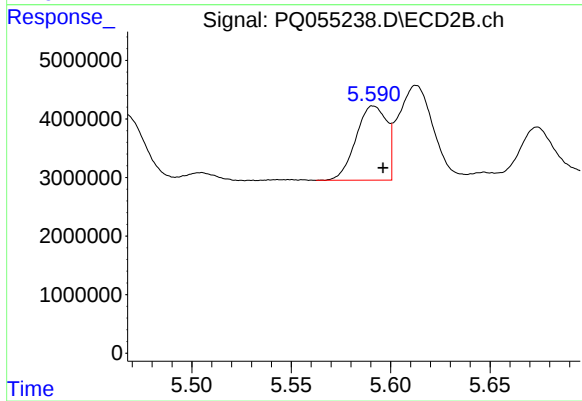
#15 AR-1232-5

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 10353368
Conc: 100.45 ng/ml



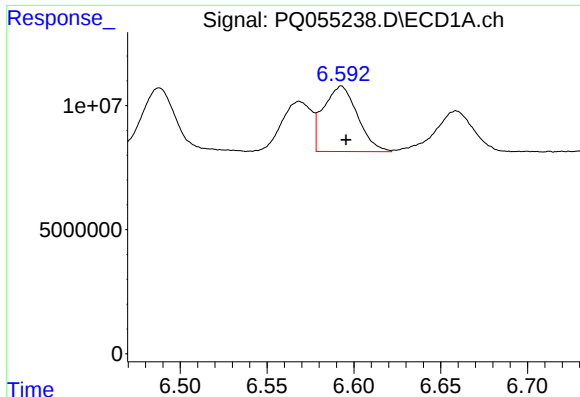
#16 AR-1242-1

R.T.: 6.569 min
Delta R.T.: -0.003 min
Response: 23959875
Conc: 54.80 ng/ml



#16 AR-1242-1

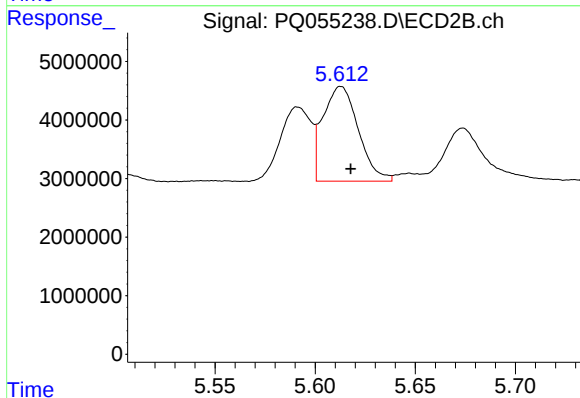
R.T.: 5.591 min
Delta R.T.: -0.005 min
Response: 13633343
Conc: 51.18 ng/ml



#17 AR-1242-2

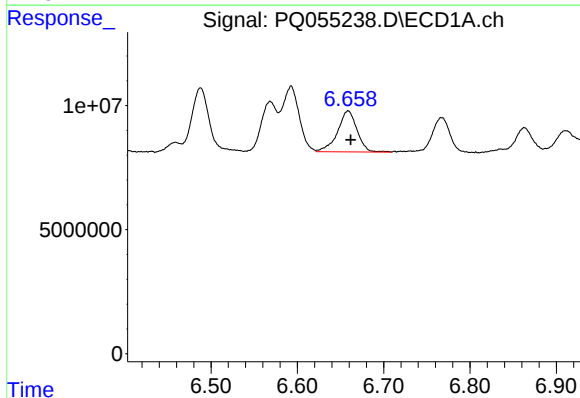
R.T.: 6.593 min
Delta R.T.: -0.003 min
Response: 35963815
Conc: 53.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



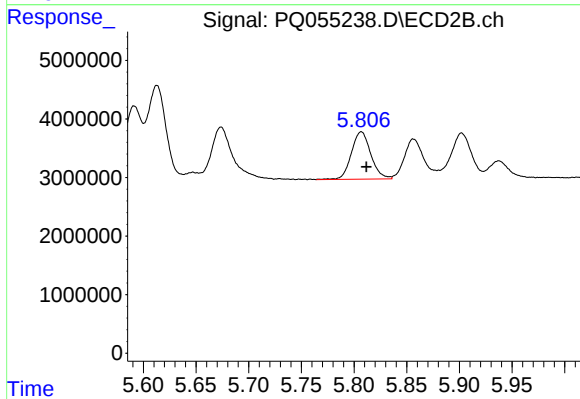
#17 AR-1242-2

R.T.: 5.613 min
Delta R.T.: -0.005 min
Response: 19922560
Conc: 51.44 ng/ml



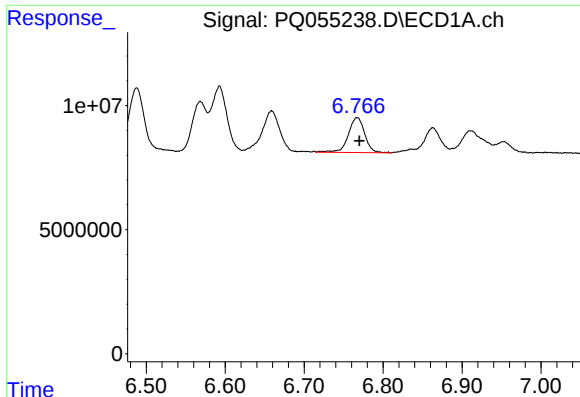
#18 AR-1242-3

R.T.: 6.659 min
Delta R.T.: -0.003 min
Response: 25907678
Conc: 61.25 ng/ml



#18 AR-1242-3

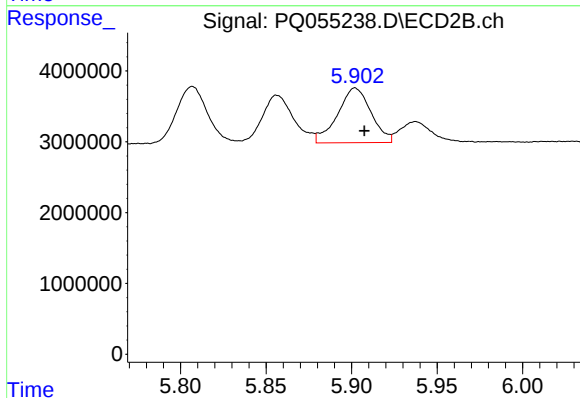
R.T.: 5.807 min
Delta R.T.: -0.005 min
Response: 10423105
Conc: 51.69 ng/ml



#19 AR-1242-4

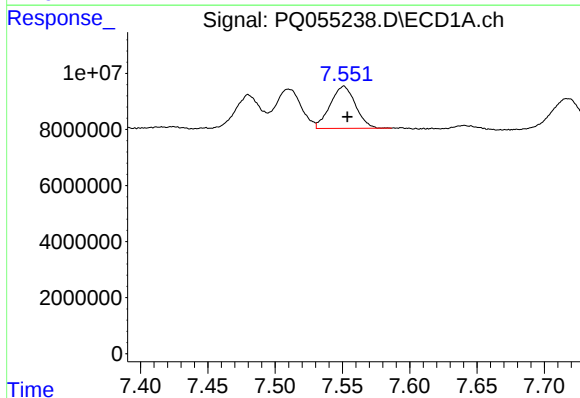
R.T.: 6.767 min
Delta R.T.: -0.003 min
Response: 20395492
Conc: 57.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



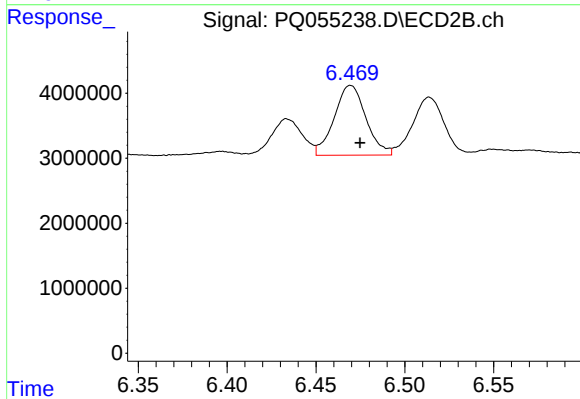
#19 AR-1242-4

R.T.: 5.902 min
Delta R.T.: -0.005 min
Response: 10571492
Conc: 54.00 ng/ml



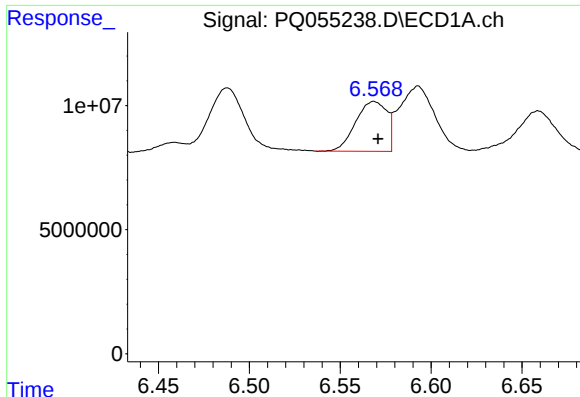
#20 AR-1242-5

R.T.: 7.551 min
Delta R.T.: -0.003 min
Response: 19702136
Conc: 53.94 ng/ml



#20 AR-1242-5

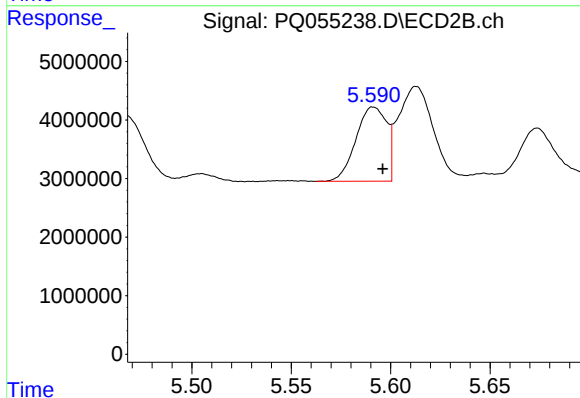
R.T.: 6.469 min
Delta R.T.: -0.005 min
Response: 13350535
Conc: 52.95 ng/ml



#21 AR-1248-1

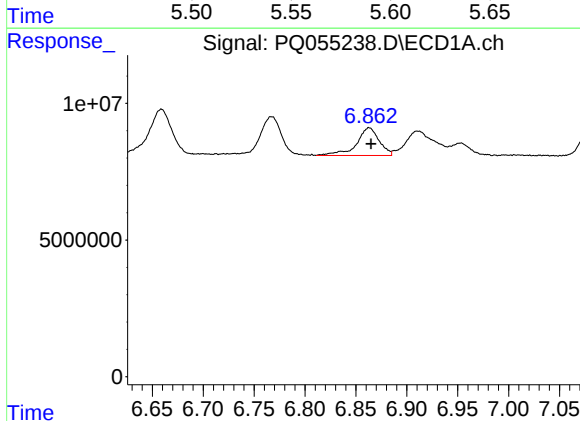
R.T.: 6.569 min
Delta R.T.: -0.002 min
Response: 23959875
Conc: 70.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



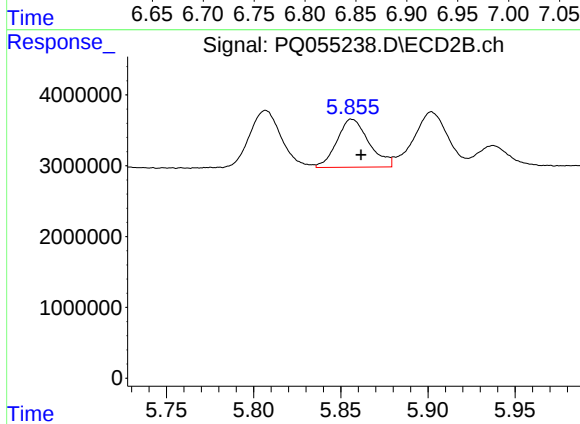
#21 AR-1248-1

R.T.: 5.591 min
Delta R.T.: -0.005 min
Response: 13633343
Conc: 68.12 ng/ml



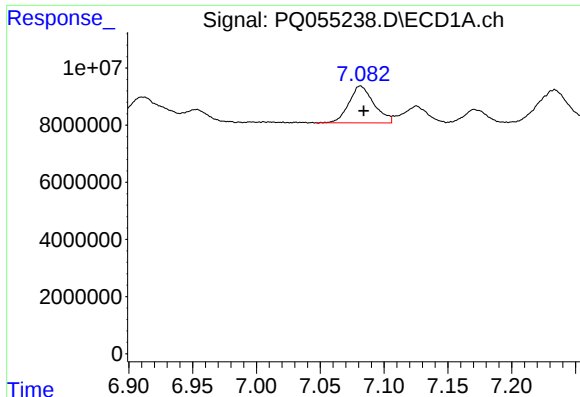
#22 AR-1248-2

R.T.: 6.863 min
Delta R.T.: -0.002 min
Response: 15653875
Conc: 34.16 ng/ml



#22 AR-1248-2

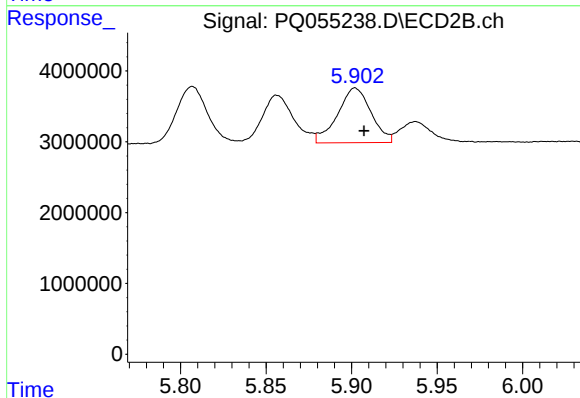
R.T.: 5.856 min
Delta R.T.: -0.005 min
Response: 8687284
Conc: 30.90 ng/ml



#23 AR-1248-3

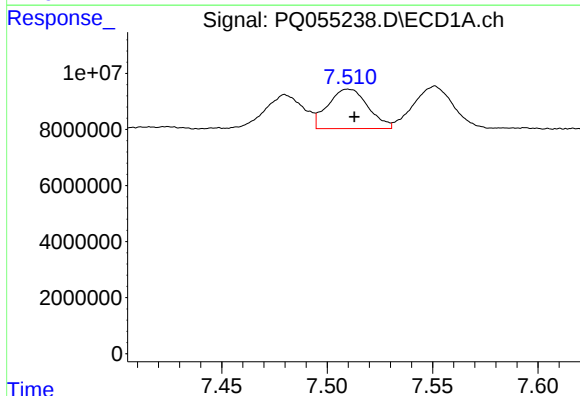
R.T.: 7.081 min
Delta R.T.: -0.003 min
Response: 17536632
Conc: 32.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



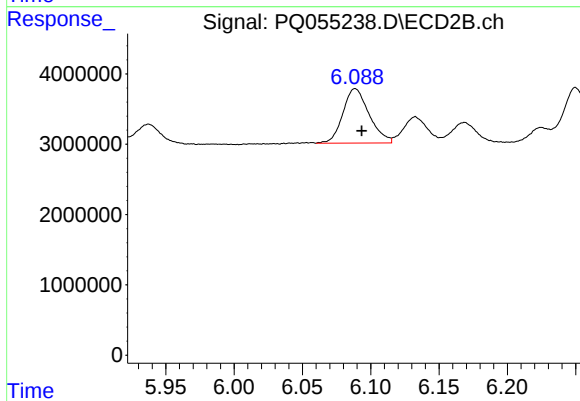
#23 AR-1248-3

R.T.: 5.902 min
Delta R.T.: -0.005 min
Response: 10571492
Conc: 36.13 ng/ml



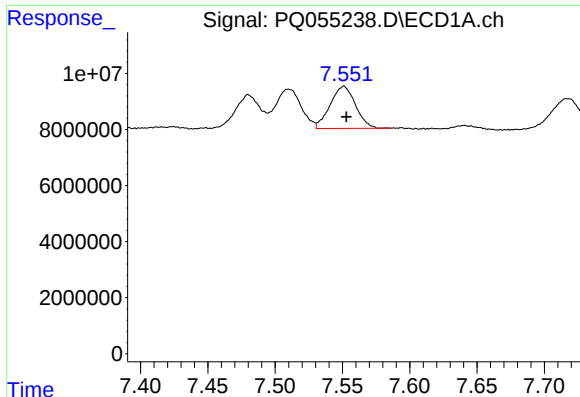
#24 AR-1248-4

R.T.: 7.510 min
Delta R.T.: -0.003 min
Response: 18660630
Conc: 30.75 ng/ml



#24 AR-1248-4

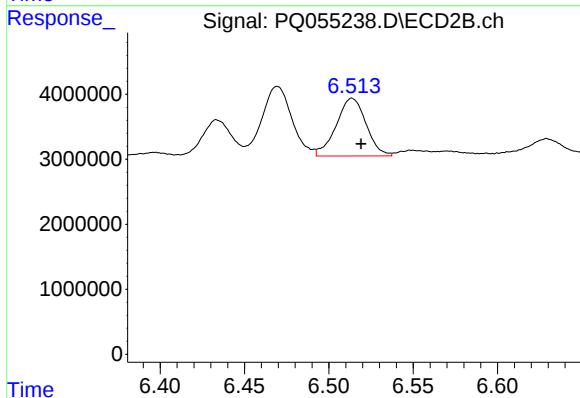
R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 10353368
Conc: 29.74 ng/ml



#25 AR-1248-5

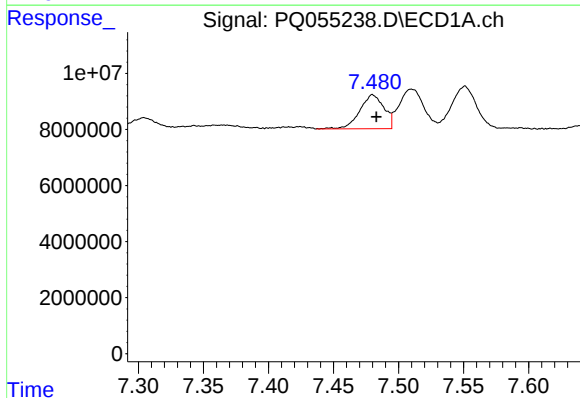
R.T.: 7.551 min
Delta R.T.: -0.002 min
Response: 19702136
Conc: 32.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



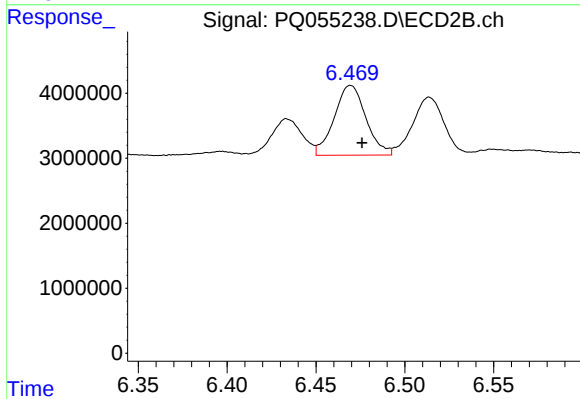
#25 AR-1248-5

R.T.: 6.514 min
Delta R.T.: -0.005 min
Response: 10955907
Conc: 31.49 ng/ml



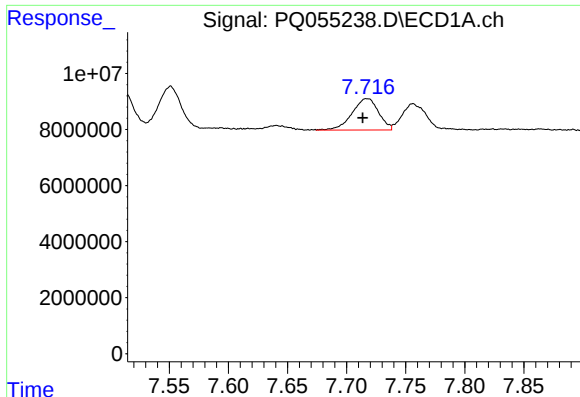
#26 AR-1254-1

R.T.: 7.480 min
Delta R.T.: -0.003 min
Response: 15730521
Conc: 26.80 ng/ml



#26 AR-1254-1

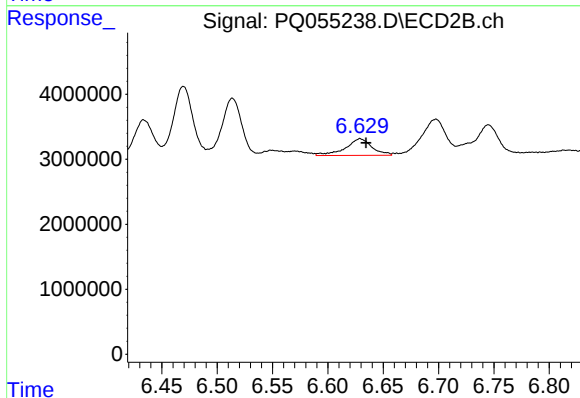
R.T.: 6.469 min
Delta R.T.: -0.007 min
Response: 13350535
Conc: 24.14 ng/ml



#27 AR-1254-2

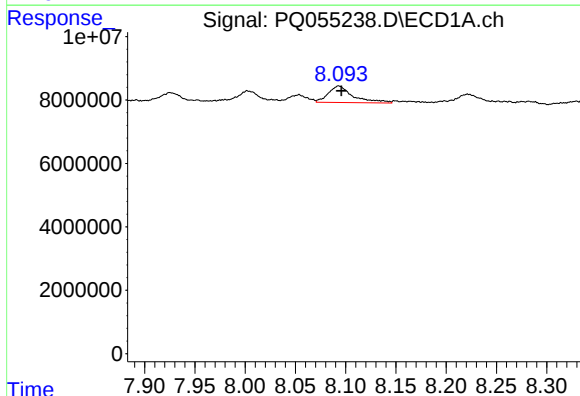
R.T.: 7.717 min
Delta R.T.: 0.004 min
Response: 17521171
Conc: 19.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



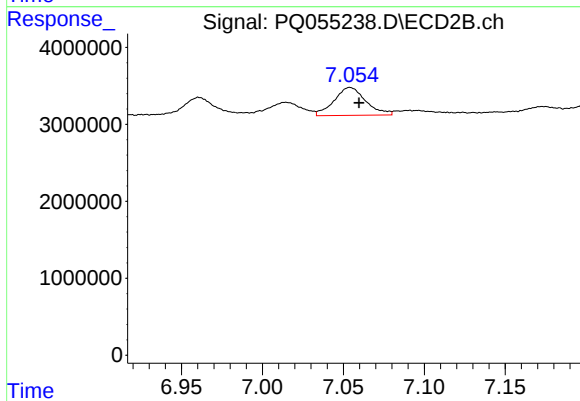
#27 AR-1254-2

R.T.: 6.629 min
Delta R.T.: -0.005 min
Response: 4234348
Conc: 8.95 ng/ml



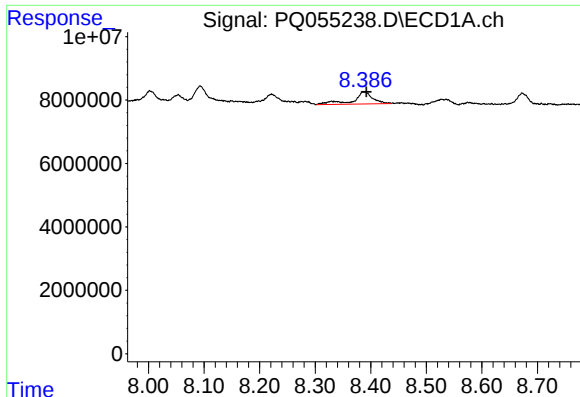
#28 AR-1254-3

R.T.: 8.093 min
Delta R.T.: -0.003 min
Response: 8905985
Conc: 8.75 ng/ml



#28 AR-1254-3

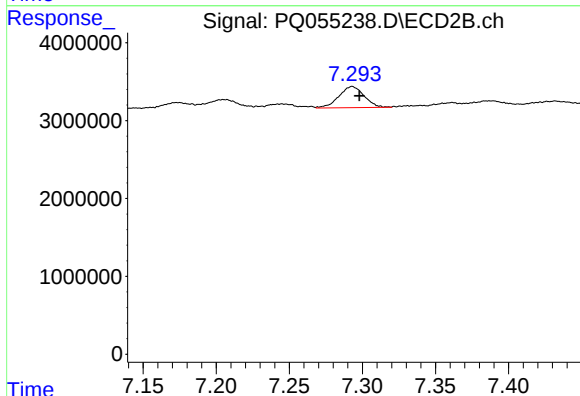
R.T.: 7.054 min
Delta R.T.: -0.006 min
Response: 4948348
Conc: 6.30 ng/ml



#29 AR-1254-4

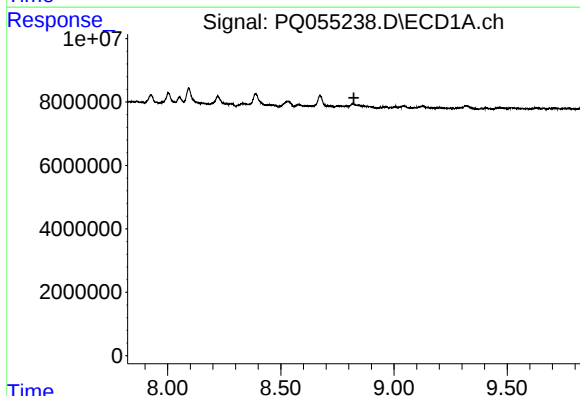
R.T.: 8.387 min
Delta R.T.: -0.005 min
Response: 9450835
Conc: 12.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



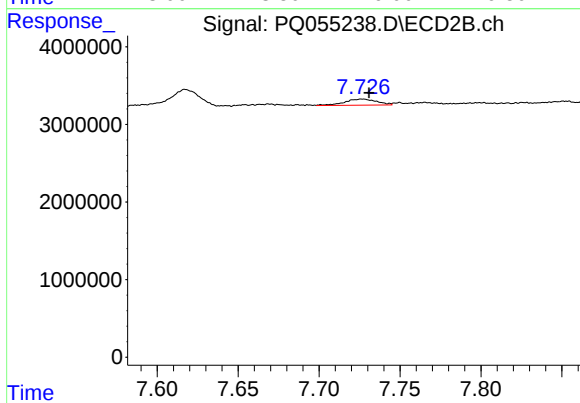
#29 AR-1254-4

R.T.: 7.293 min
Delta R.T.: -0.005 min
Response: 3244187
Conc: 6.80 ng/ml



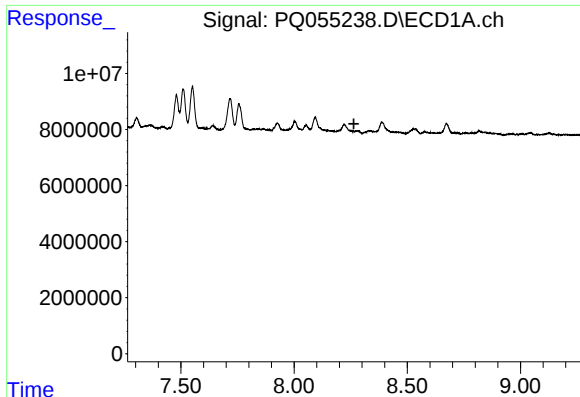
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.823 min
Response: 0
Conc: N.D.



#30 AR-1254-5

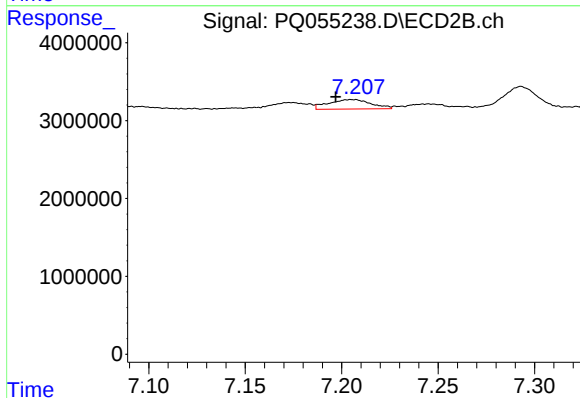
R.T.: 7.727 min
Delta R.T.: -0.004 min
Response: 1096322
Conc: 1.64 ng/ml



#31 AR-1260-1

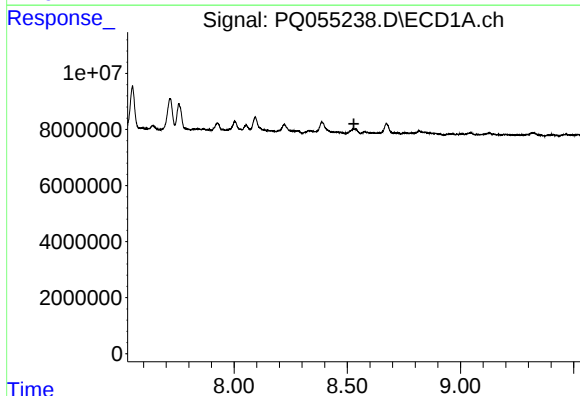
R.T.: 0.000 min
Exp R.T.: 8.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



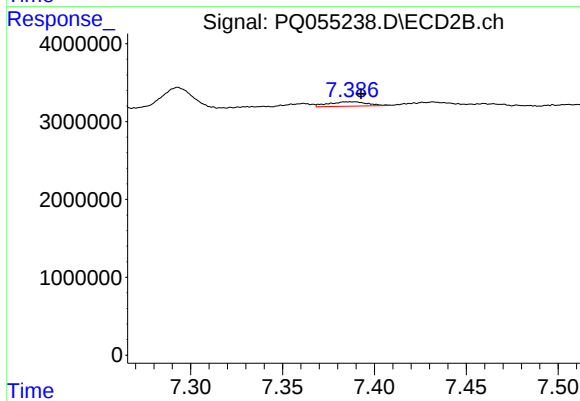
#31 AR-1260-1

R.T.: 7.206 min
Delta R.T.: 0.009 min
Response: 1870962
Conc: 3.73 ng/ml



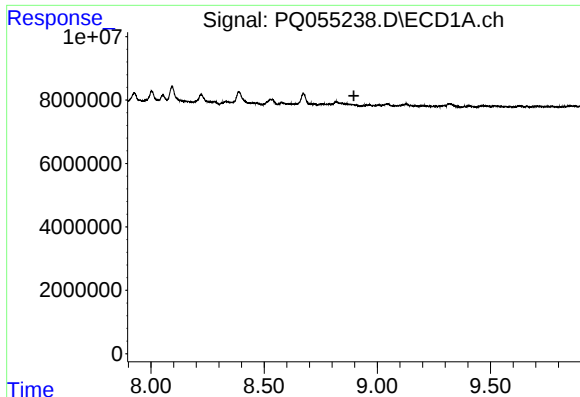
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 8.529 min
Response: 0
Conc: N.D.



#32 AR-1260-2

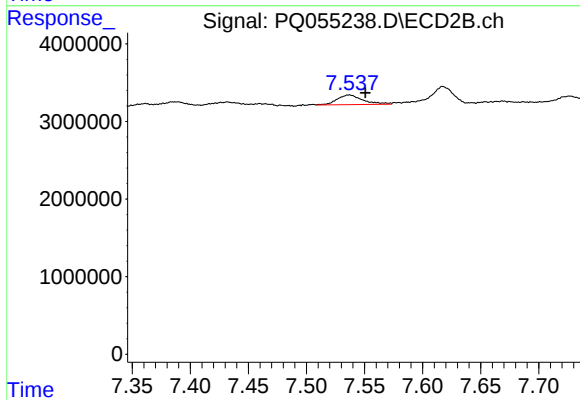
R.T.: 7.388 min
Delta R.T.: -0.005 min
Response: 848740
Conc: 1.40 ng/ml



#33 AR-1260-3

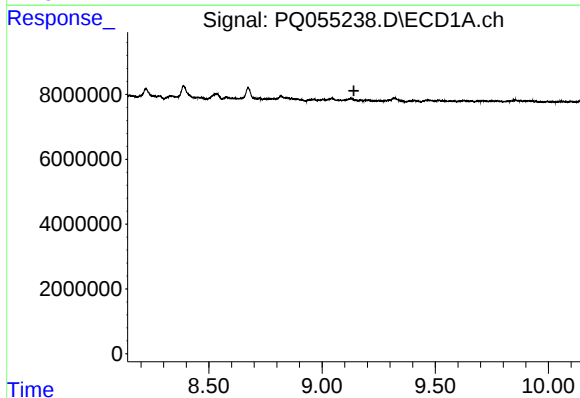
R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



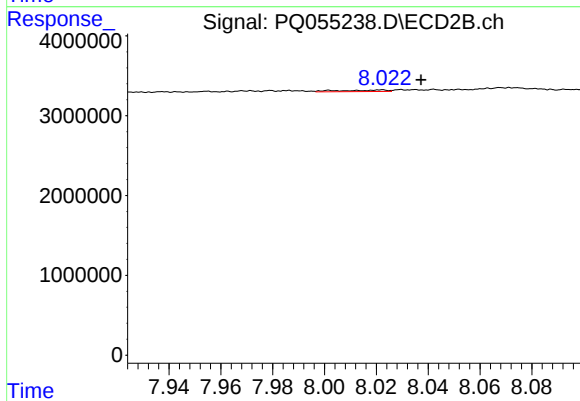
#33 AR-1260-3

R.T.: 7.537 min
Delta R.T.: -0.014 min
Response: 1912411
Conc: 3.35 ng/ml



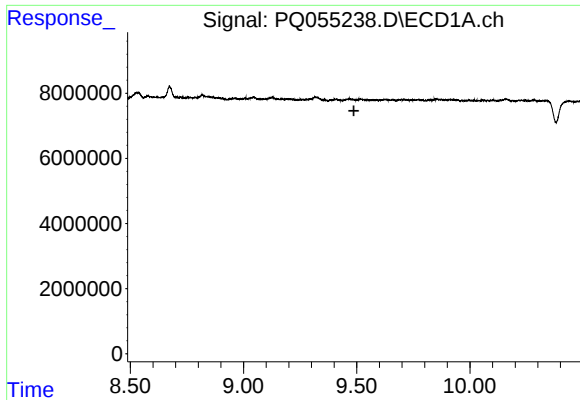
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.140 min
Response: 0
Conc: N.D.



#34 AR-1260-4

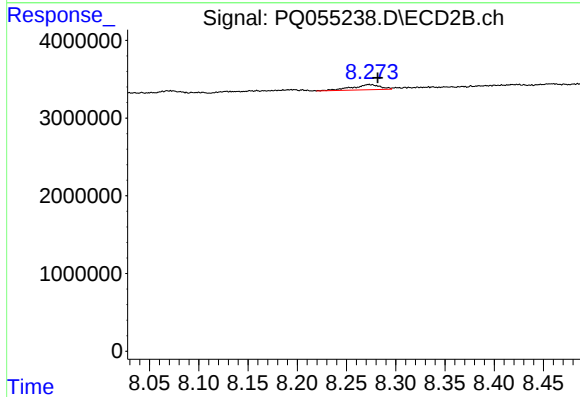
R.T.: 8.022 min
Delta R.T.: -0.015 min
Response: 243054
Conc: 0.51 ng/ml



#35 AR-1260-5

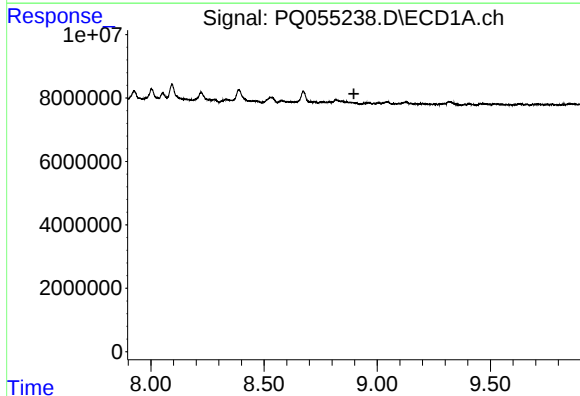
R.T.: 0.000 min
Exp R.T.: 9.488 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



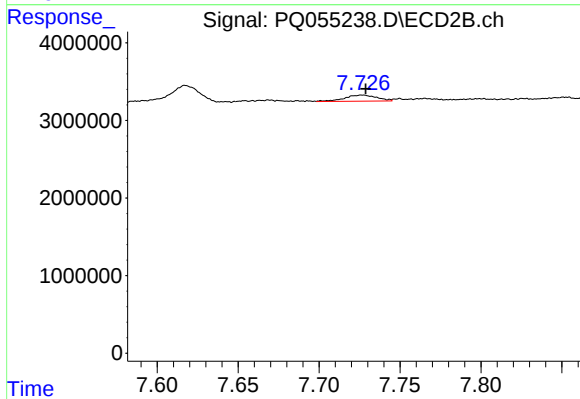
#35 AR-1260-5

R.T.: 8.273 min
Delta R.T.: -0.009 min
Response: 1291244
Conc: 1.12 ng/ml



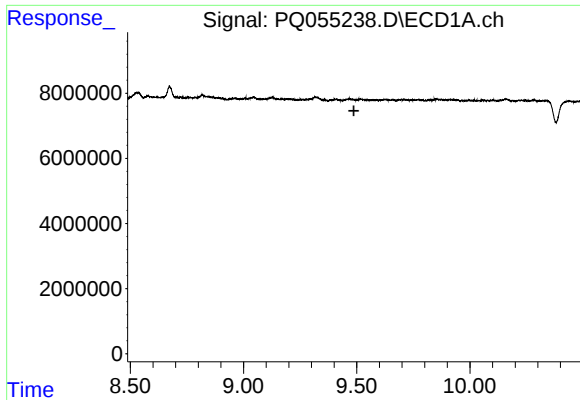
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.



#36 AR-1262-1

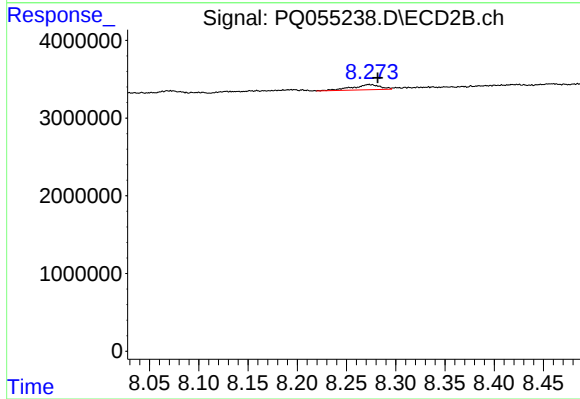
R.T.: 7.727 min
Delta R.T.: -0.002 min
Response: 1096322
Conc: 3.22 ng/ml



#37 AR-1262-2

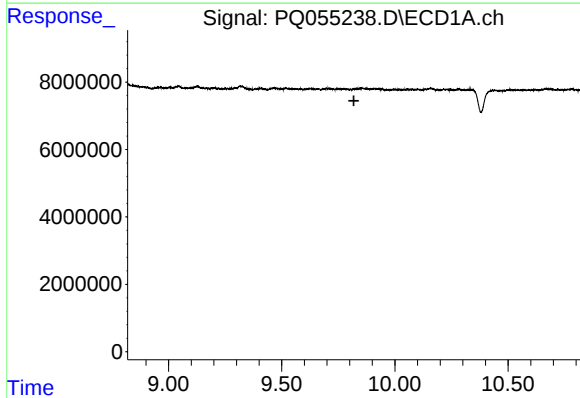
R.T.: 0.000 min
Exp R.T.: 9.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



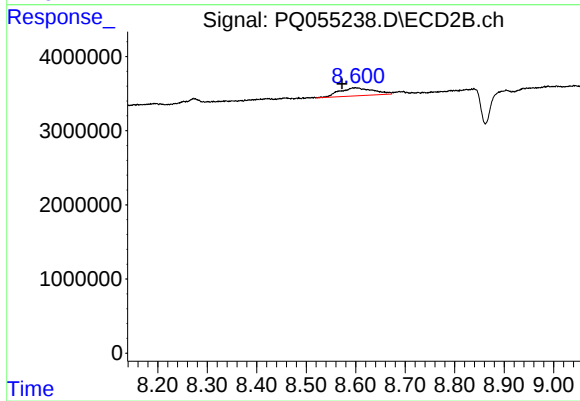
#37 AR-1262-2

R.T.: 8.273 min
Delta R.T.: -0.009 min
Response: 1291244
Conc: 1.05 ng/ml



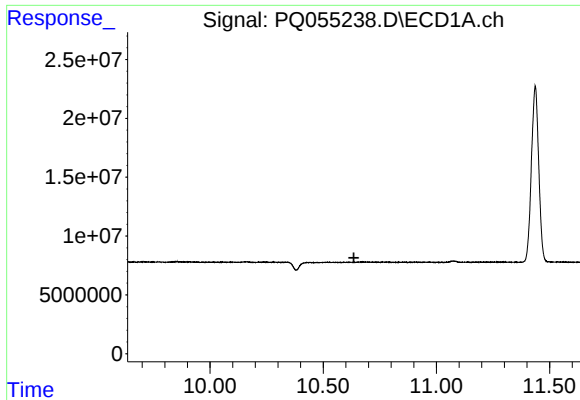
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.819 min
Response: 0
Conc: N.D.



#38 AR-1262-3

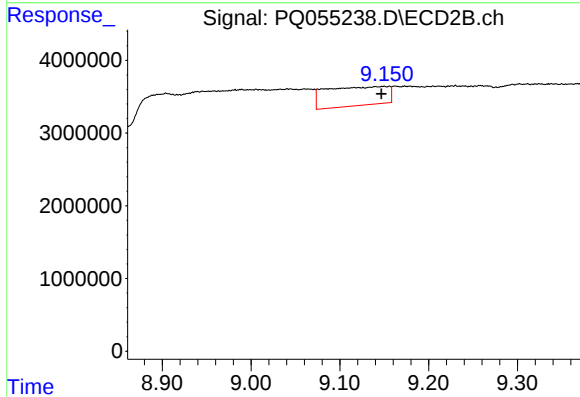
R.T.: 8.600 min
Delta R.T.: 0.027 min
Response: 5163693
Conc: 11.17 ng/ml



#40 AR-1262-5

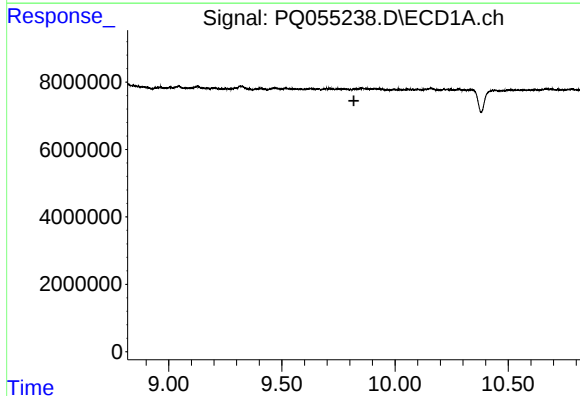
R.T.: 0.000 min
Exp R.T.: 10.635 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



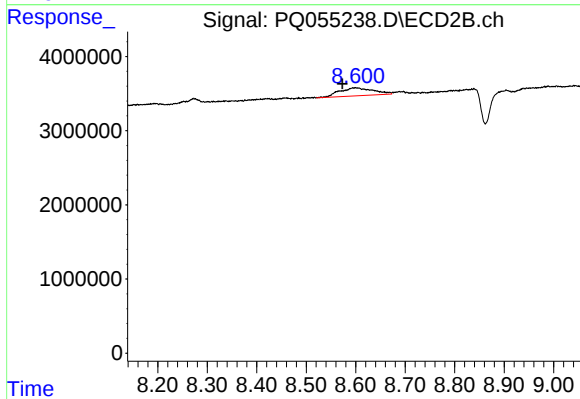
#40 AR-1262-5

R.T.: 9.149 min
Delta R.T.: 0.003 min
Response: 12645148
Conc: 31.49 ng/ml



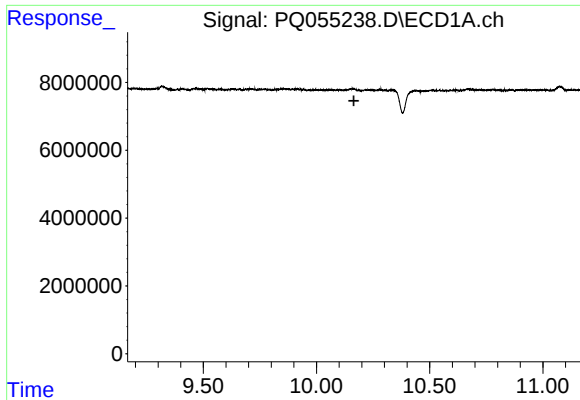
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.818 min
Response: 0
Conc: N.D.



#41 AR-1268-1

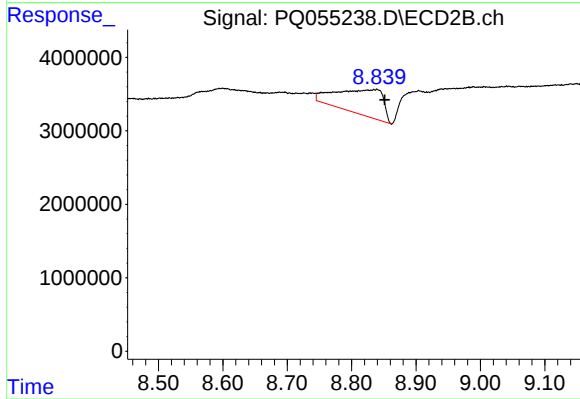
R.T.: 8.600 min
Delta R.T.: 0.026 min
Response: 5163693
Conc: 3.65 ng/ml



#43 AR-1268-3

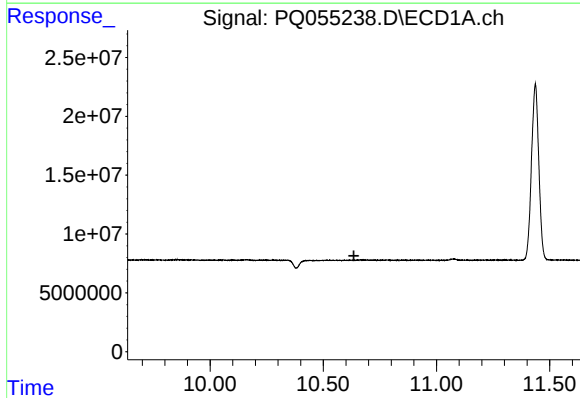
R.T.: 0.000 min
Exp R.T.: 10.165 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



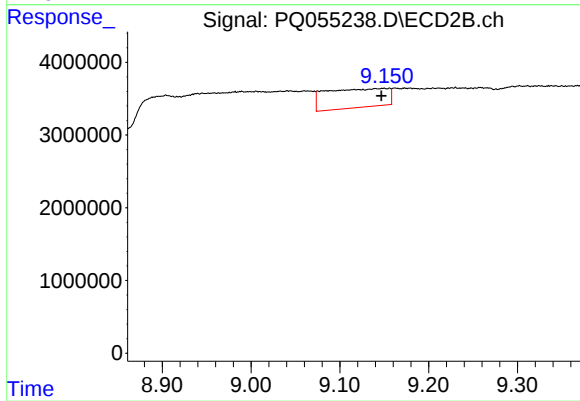
#43 AR-1268-3

R.T.: 8.839 min
Delta R.T.: -0.012 min
Response: 17586148
Conc: 16.08 ng/ml



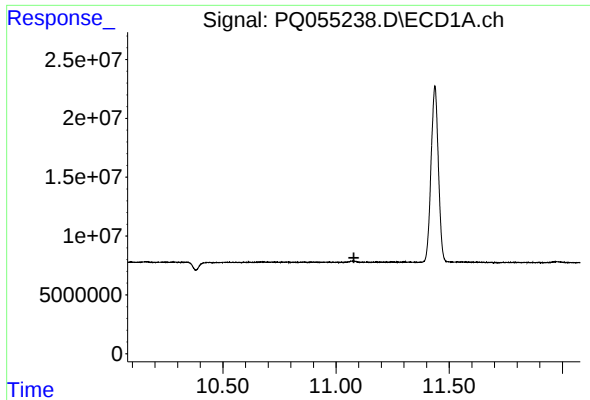
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.635 min
Response: 0
Conc: N.D.



#44 AR-1268-4

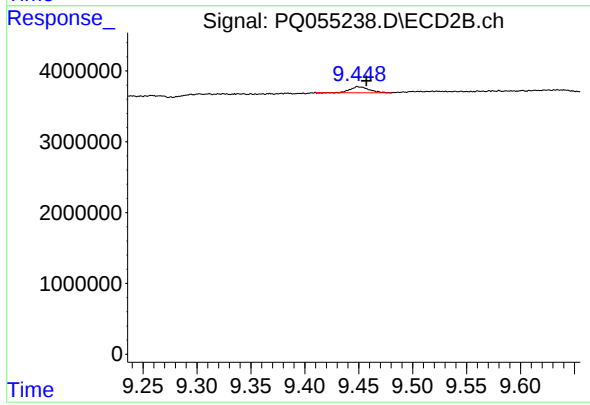
R.T.: 9.149 min
Delta R.T.: 0.003 min
Response: 12645148
Conc: 27.99 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.079 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.449 min
Delta R.T.: -0.008 min
Response: 1004605
Conc: 0.28 ng/ml