

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092823\
 Data File : PQ063447.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Sep 2023 11:56
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 28 15:36:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 20 05:26:41 2023
 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...	3.462	2.780	242.0E6	185.5E6	51.678	53.683
2)	SA Decachlor...	8.695	7.581	178.8E6	177.4E6	51.178	49.359
Target Compounds							
3)	L1 AR-1016-1	4.578	3.791	1962167	1972211	13.495	15.833
4)	L1 AR-1016-2	4.600	3.807	3467848	1668821	14.843	9.388 #
5)	L1 AR-1016-3	4.655	3.970	1552725	1458130	10.806	15.111 #
6)	L1 AR-1016-4	4.746	4.017	1519416	43241069	13.320	533.428 #
7)	L1 AR-1016-5	5.038	4.214	33326674	29748647	283.611	295.523
8)	L2 AR-1221-1	3.671	2.989	627200	84546	10.963	1.818 #
9)	L2 AR-1221-2	3.745	3.050	3193057	1969004	84.461	63.670
10)	L2 AR-1221-3	3.815	3.131	784869	389684	6.219	3.657 #
11)	L3 AR-1232-1	3.815	3.131	784869	389684	7.537	4.482 #
12)	L3 AR-1232-2	4.316	3.807	1765073	1668821	27.749	20.636 #
13)	L3 AR-1232-3	4.600	3.970	3467848	1458130	33.092	34.374
14)	L3 AR-1232-4	4.746	4.054	1519416	13680102	30.575	373.083 #
15)	L3 AR-1232-5	4.846	4.214	53354120	29748647	1404.731	689.617 #
16)	L4 AR-1242-1	4.578	3.791	1962167	1972211	14.879	18.074
17)	L4 AR-1242-2	4.600	3.807	3467848	1668821	16.758	10.737 #
18)	L4 AR-1242-3	4.655	3.970	1552725	1458130	12.248	17.384 #
19)	L4 AR-1242-4	4.746	4.054	1519416	13680102	14.732	170.712 #
20)	L4 AR-1242-5	5.473	4.552	25045749	104.0E6	229.023	994.071 #
21)	L5 AR-1248-1	4.578	3.791	1962167	1972211	19.967	24.577
22)	L5 AR-1248-2	4.846	4.017	53354120	43241069	373.051	361.155
23)	L5 AR-1248-3	5.038	4.054	33326674	13680102	193.728	119.321 #
24)	L5 AR-1248-4	5.434	4.214	43912876	29748647	229.681	210.979
25)	L5 AR-1248-5	5.473	4.590	25045749	14497897	134.627	104.919
26)	L6 AR-1254-1	5.407	4.552	92843387	104.0E6	461.658	493.393
27)	L6 AR-1254-2	5.626	4.700	141.7E6	91104899	464.678	492.240
28)	L6 AR-1254-3	5.982	5.084	152.2E6	140.1E6	463.975	489.712
29)	L6 AR-1254-4	6.268	5.311	108.5E6	89753199	447.791	484.805
30)	L6 AR-1254-5	6.683	5.719	118.6E6	125.2E6	461.856	484.616
31)	L7 AR-1260-1	6.147	5.215	64313641	70714485	267.372	350.205 #
32)	L7 AR-1260-2	6.410	5.404	64105704	58903518	226.260	240.722
33)	L7 AR-1260-3	6.763	5.542	5089290	59047132	25.036	249.698 #
34)	L7 AR-1260-4	6.962	6.011	46212026	6770719	193.859	35.463 #
35)	L7 AR-1260-5	7.296	6.257	15291491	16033683	34.156	36.612
36)	L8 AR-1262-1	6.763	5.812	5089290	4101417	16.346	38.985 #
37)	L8 AR-1262-2	7.296	6.011	15291491	6770719	29.453	29.162
38)	L8 AR-1262-3	7.577	6.540	12589854	4373463	36.368	22.769 #
39)	L8 AR-1262-4	7.650	6.592	1556498	16521862	5.717	47.246 #
40)	L8 AR-1262-5	8.155	7.093	924100	1019360	5.388	6.154
41)	L9 AR-1268-1	7.577	6.540	12589854	4373463	20.382	7.800 #

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 Acq On : 28 Sep 2023 11:56
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

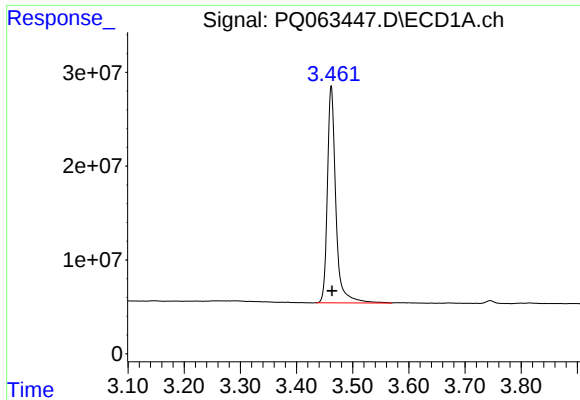
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 28 15:36:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
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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
42) L9	AR-1268-2	7.650	6.592	1556498	16521862	2.719	33.217 #
43) L9	AR-1268-3	7.832	6.799	1156679	1751975	2.372	4.110 #
44) L9	AR-1268-4	8.155	7.093	924100	1019360	4.804	5.505
45) L9	AR-1268-5	8.454	7.364	1787788	2480925	1.252	1.887 #

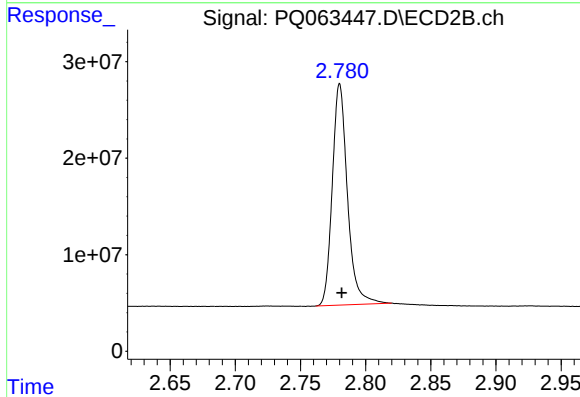
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

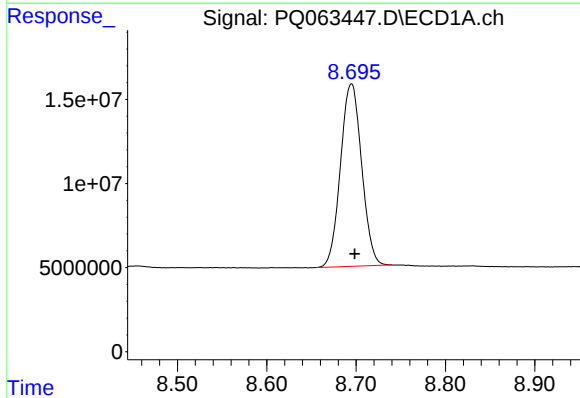
R.T.: 3.462 min
Delta R.T.: -0.001 min
Response: 242034563
Conc: 51.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



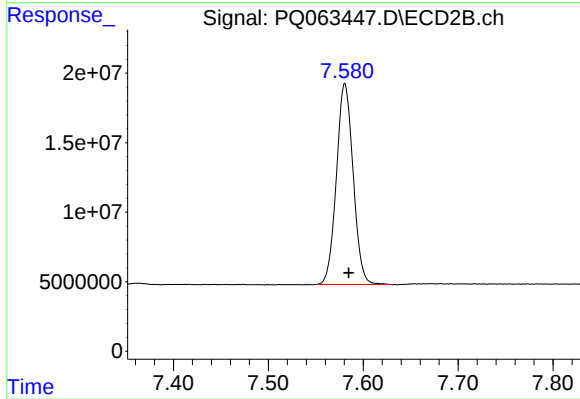
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.001 min
Response: 185525423
Conc: 53.68 ng/ml



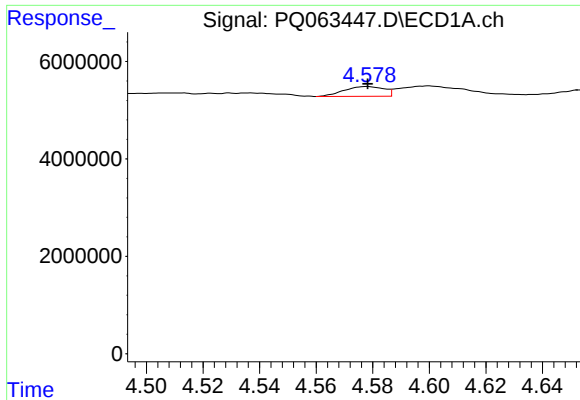
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: -0.004 min
Response: 178843625
Conc: 51.18 ng/ml



#2 Decachlorobiphenyl

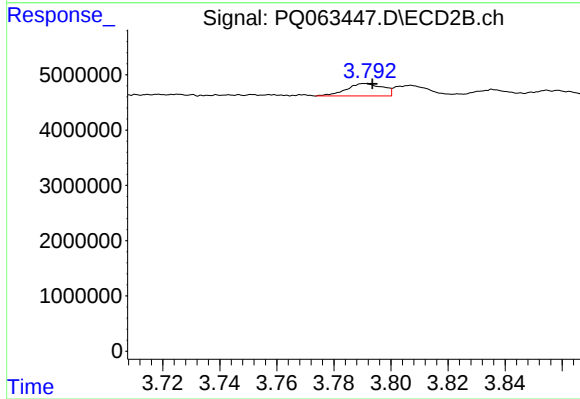
R.T.: 7.581 min
Delta R.T.: -0.004 min
Response: 177432294
Conc: 49.36 ng/ml



#3 AR-1016-1

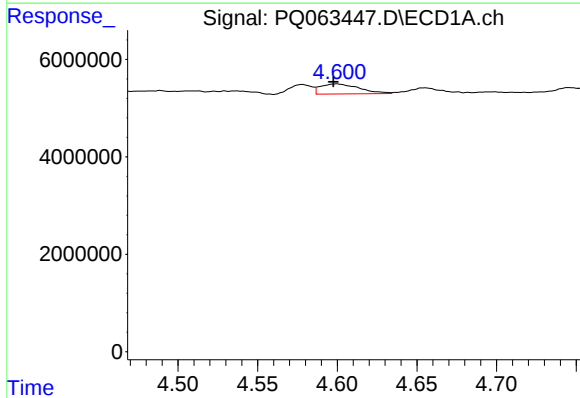
R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 1962167
Conc: 13.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



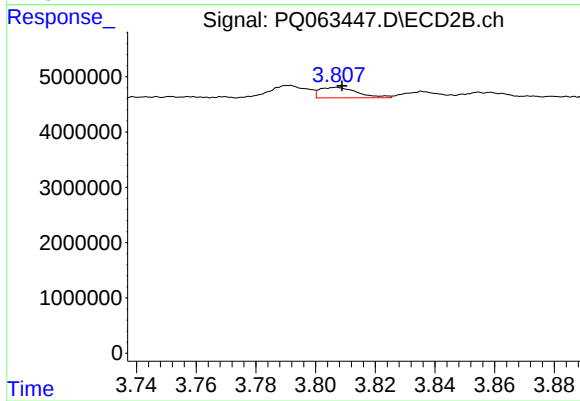
#3 AR-1016-1

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 1972211
Conc: 15.83 ng/ml



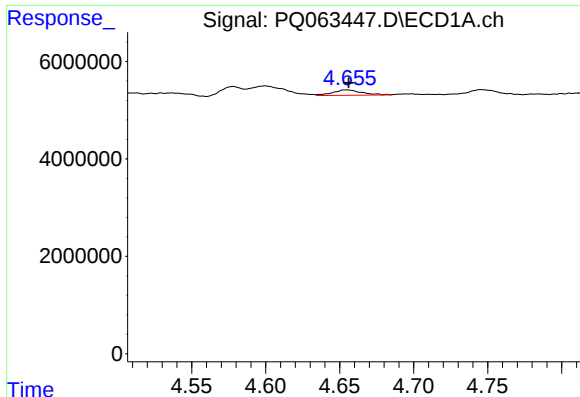
#4 AR-1016-2

R.T.: 4.600 min
Delta R.T.: 0.002 min
Response: 3467848
Conc: 14.84 ng/ml



#4 AR-1016-2

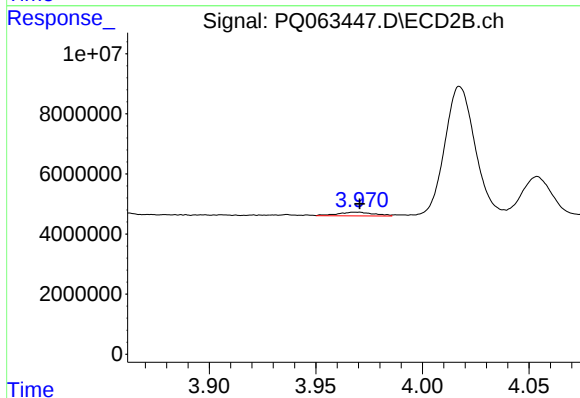
R.T.: 3.807 min
Delta R.T.: -0.002 min
Response: 1668821
Conc: 9.39 ng/ml



#5 AR-1016-3

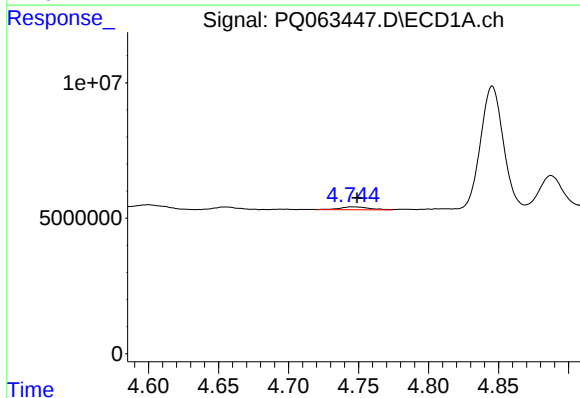
R.T.: 4.655 min
Delta R.T.: -0.001 min
Response: 1552725
Conc: 10.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



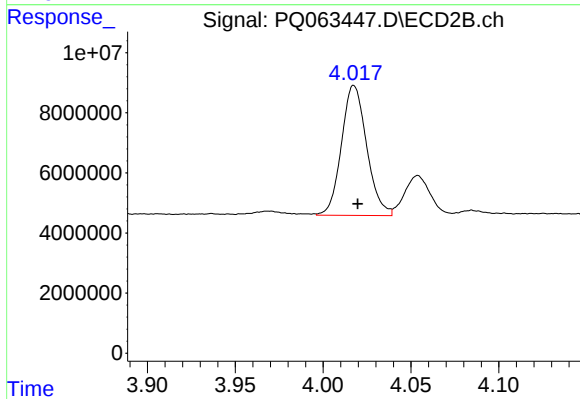
#5 AR-1016-3

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 1458130
Conc: 15.11 ng/ml



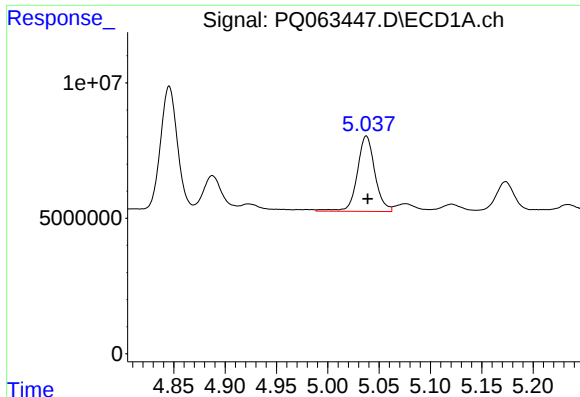
#6 AR-1016-4

R.T.: 4.746 min
Delta R.T.: -0.003 min
Response: 1519416
Conc: 13.32 ng/ml



#6 AR-1016-4

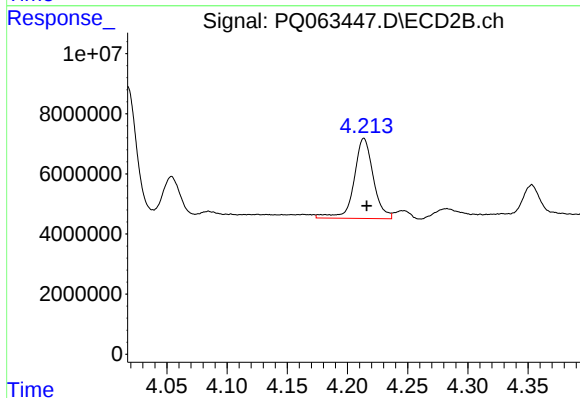
R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 43241069
Conc: 533.43 ng/ml



#7 AR-1016-5

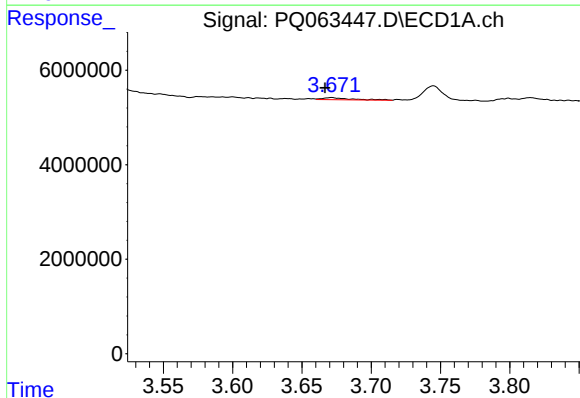
R.T.: 5.038 min
Delta R.T.: -0.001 min
Response: 33326674
Conc: 283.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



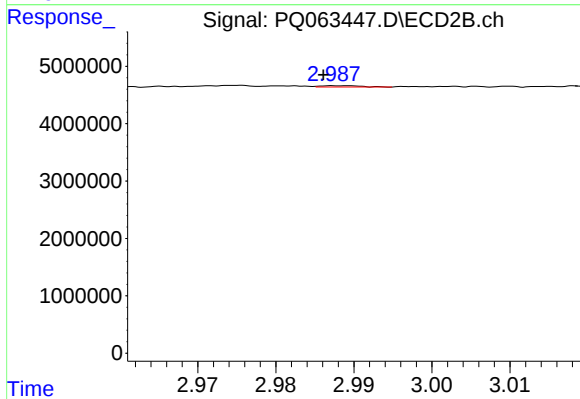
#7 AR-1016-5

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 29748647
Conc: 295.52 ng/ml



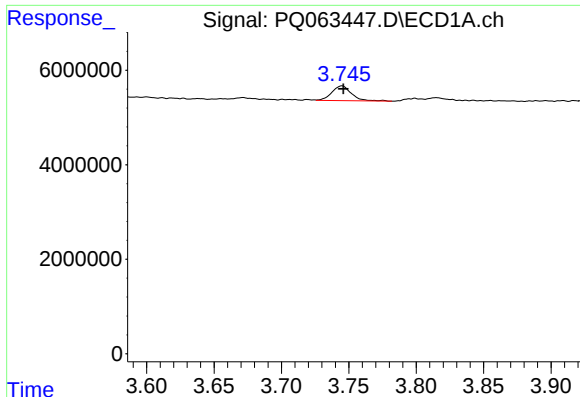
#8 AR-1221-1

R.T.: 3.671 min
Delta R.T.: 0.005 min
Response: 627200
Conc: 10.96 ng/ml



#8 AR-1221-1

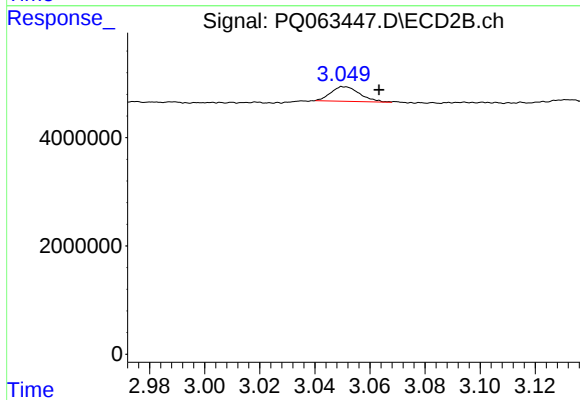
R.T.: 2.989 min
Delta R.T.: 0.003 min
Response: 84546
Conc: 1.82 ng/ml



#9 AR-1221-2

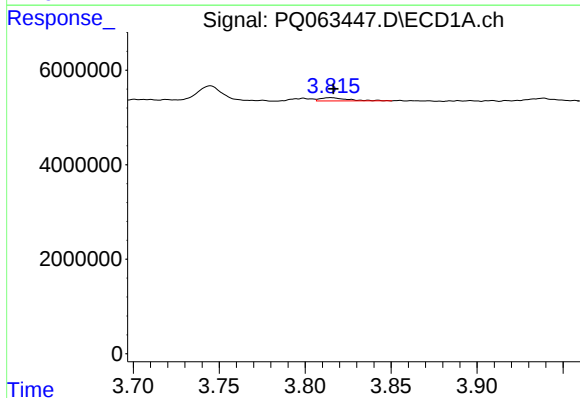
R.T.: 3.745 min
Delta R.T.: -0.001 min
Response: 3193057
Conc: 84.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



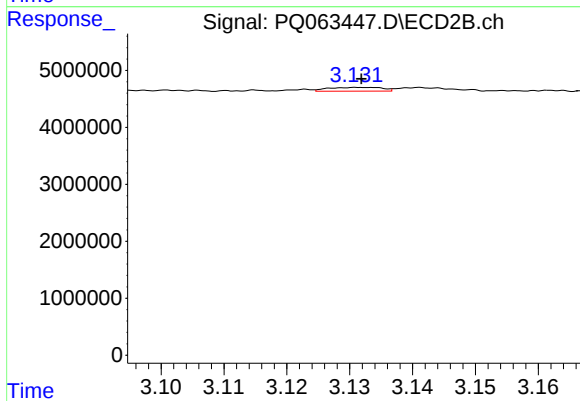
#9 AR-1221-2

R.T.: 3.050 min
Delta R.T.: -0.013 min
Response: 1969004
Conc: 63.67 ng/ml



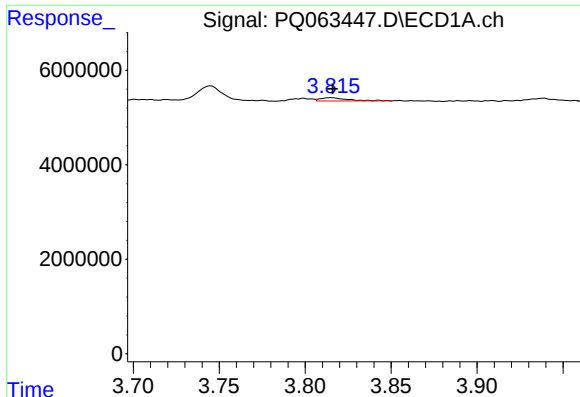
#10 AR-1221-3

R.T.: 3.815 min
Delta R.T.: -0.002 min
Response: 784869
Conc: 6.22 ng/ml



#10 AR-1221-3

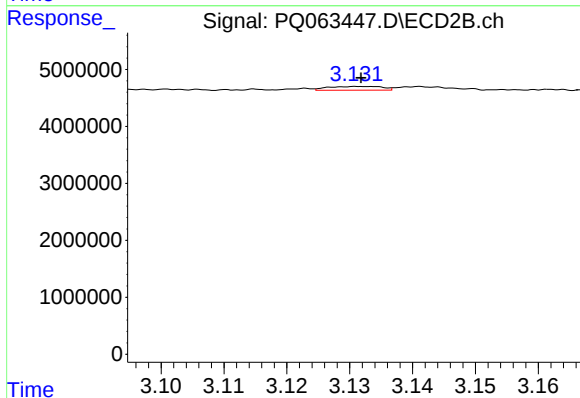
R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 389684
Conc: 3.66 ng/ml



#11 AR-1232-1

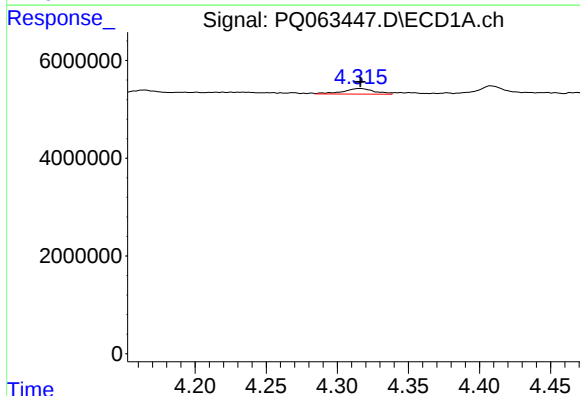
R.T.: 3.815 min
Delta R.T.: -0.001 min
Response: 784869
Conc: 7.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



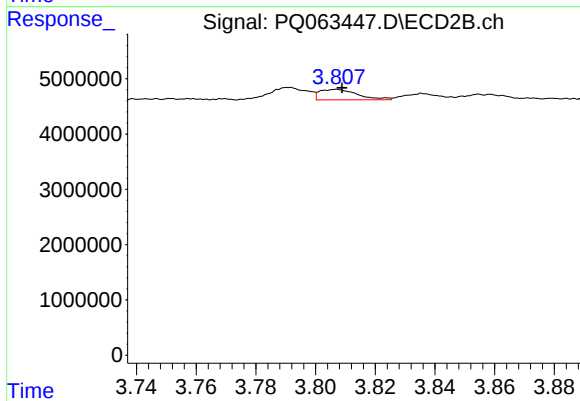
#11 AR-1232-1

R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 389684
Conc: 4.48 ng/ml



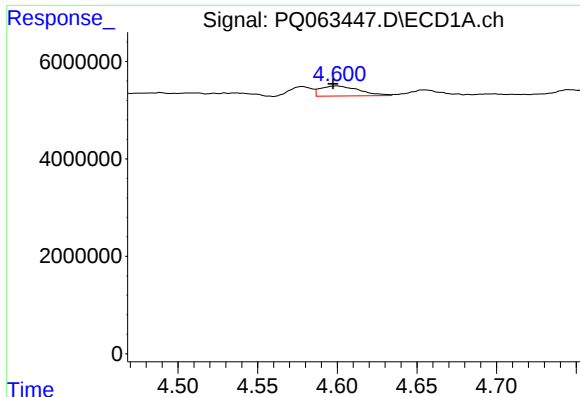
#12 AR-1232-2

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 1765073
Conc: 27.75 ng/ml



#12 AR-1232-2

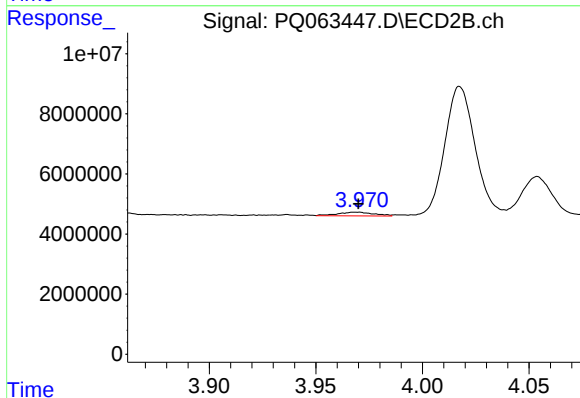
R.T.: 3.807 min
Delta R.T.: -0.002 min
Response: 1668821
Conc: 20.64 ng/ml



#13 AR-1232-3

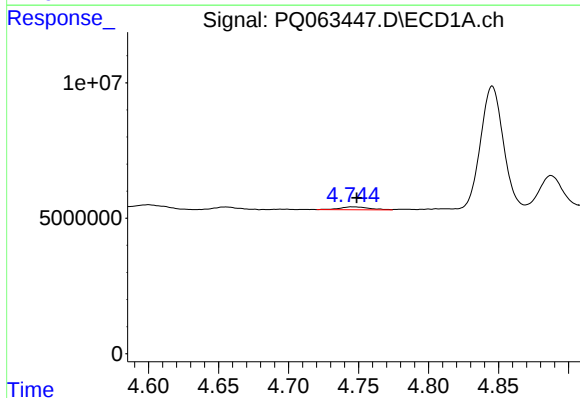
R.T.: 4.600 min
Delta R.T.: 0.002 min
Response: 3467848
Conc: 33.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



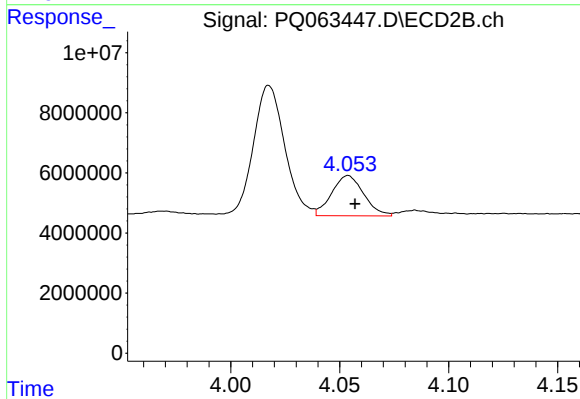
#13 AR-1232-3

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 1458130
Conc: 34.37 ng/ml



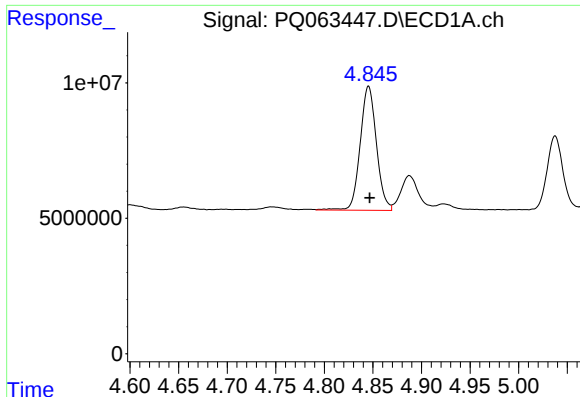
#14 AR-1232-4

R.T.: 4.746 min
Delta R.T.: -0.003 min
Response: 1519416
Conc: 30.58 ng/ml



#14 AR-1232-4

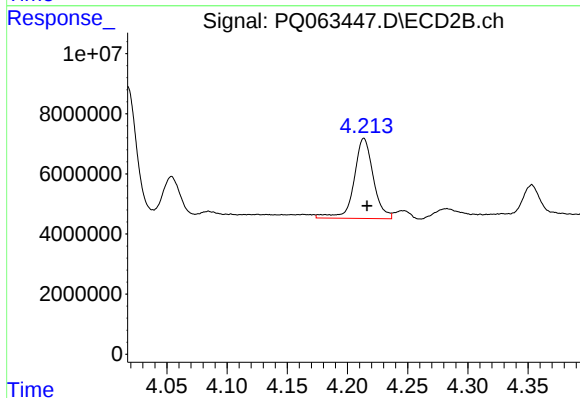
R.T.: 4.054 min
Delta R.T.: -0.003 min
Response: 13680102
Conc: 373.08 ng/ml



#15 AR-1232-5

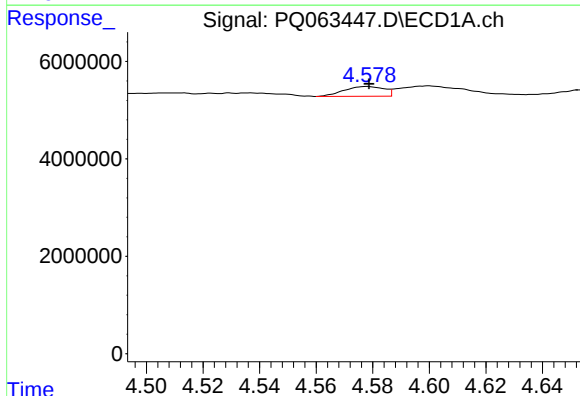
R.T.: 4.846 min
Delta R.T.: -0.001 min
Response: 53354120
Conc: 1404.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



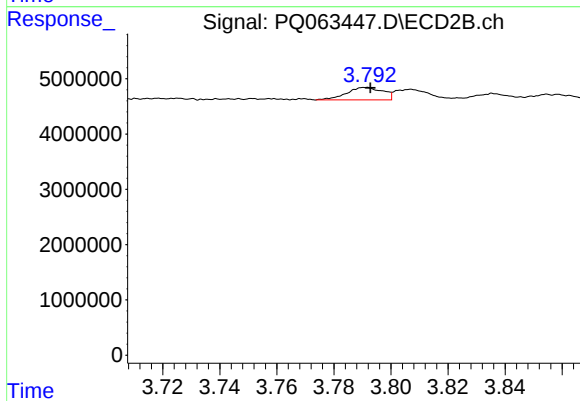
#15 AR-1232-5

R.T.: 4.214 min
Delta R.T.: -0.003 min
Response: 29748647
Conc: 689.62 ng/ml



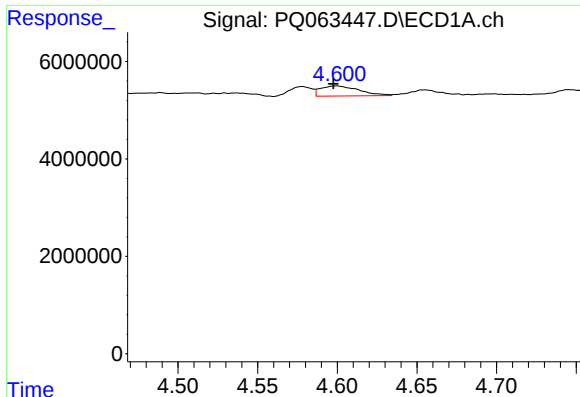
#16 AR-1242-1

R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 1962167
Conc: 14.88 ng/ml



#16 AR-1242-1

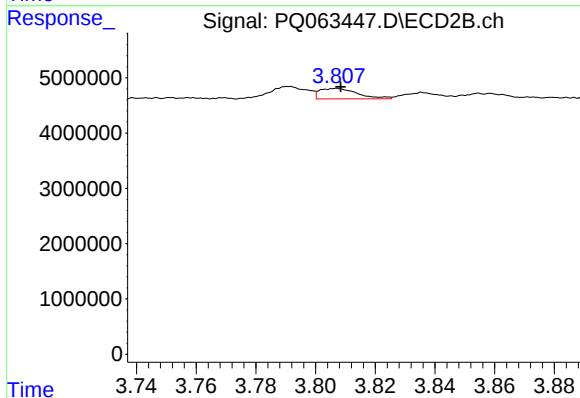
R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 1972211
Conc: 18.07 ng/ml



#17 AR-1242-2

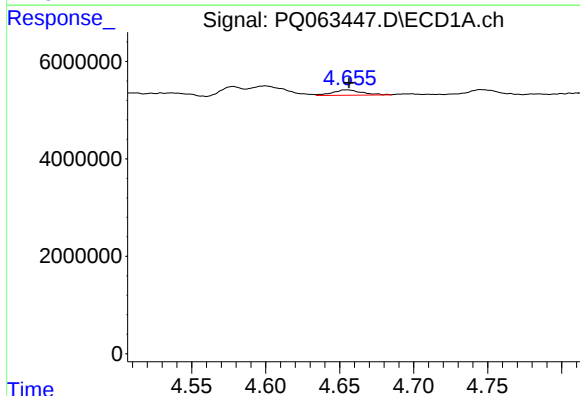
R.T.: 4.600 min
Delta R.T.: 0.002 min
Response: 3467848
Conc: 16.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



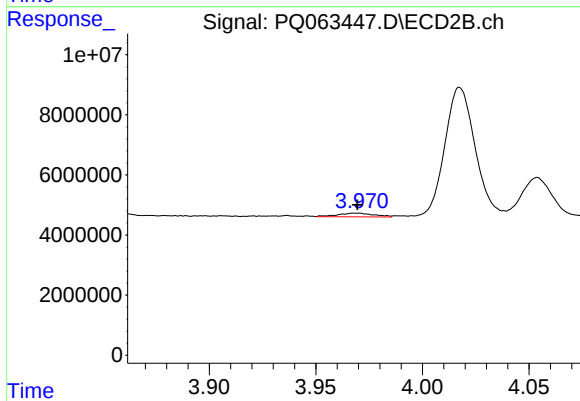
#17 AR-1242-2

R.T.: 3.807 min
Delta R.T.: -0.001 min
Response: 1668821
Conc: 10.74 ng/ml



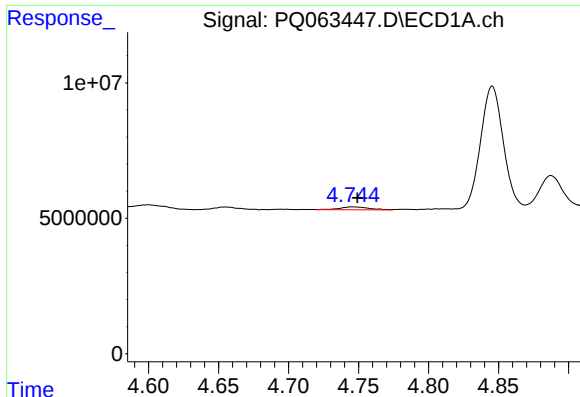
#18 AR-1242-3

R.T.: 4.655 min
Delta R.T.: -0.002 min
Response: 1552725
Conc: 12.25 ng/ml



#18 AR-1242-3

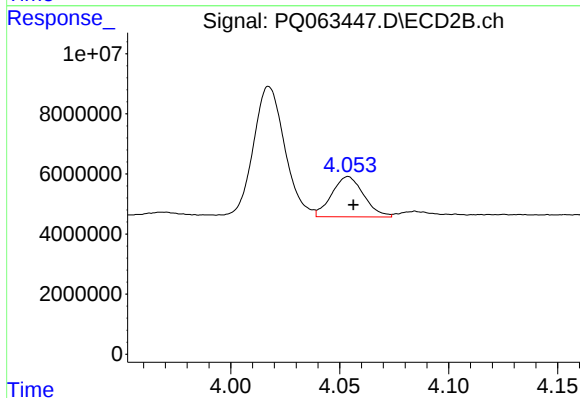
R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 1458130
Conc: 17.38 ng/ml



#19 AR-1242-4

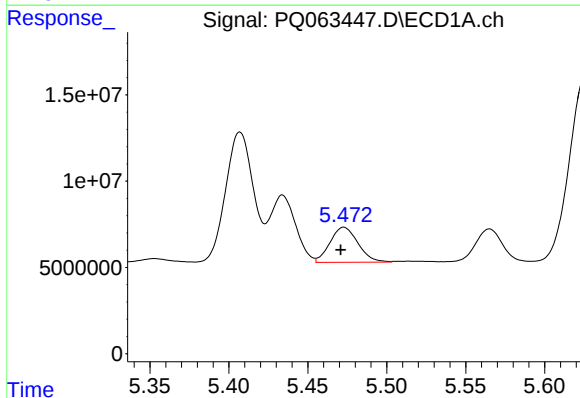
R.T.: 4.746 min
Delta R.T.: -0.004 min
Response: 1519416
Conc: 14.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



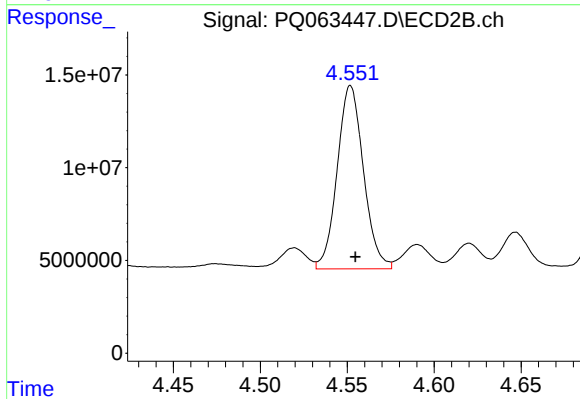
#19 AR-1242-4

R.T.: 4.054 min
Delta R.T.: -0.002 min
Response: 13680102
Conc: 170.71 ng/ml



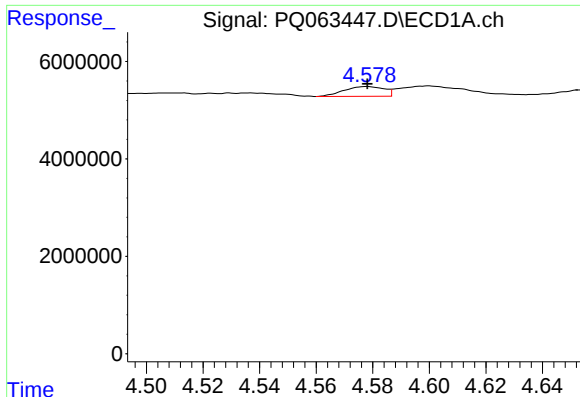
#20 AR-1242-5

R.T.: 5.473 min
Delta R.T.: 0.002 min
Response: 25045749
Conc: 229.02 ng/ml



#20 AR-1242-5

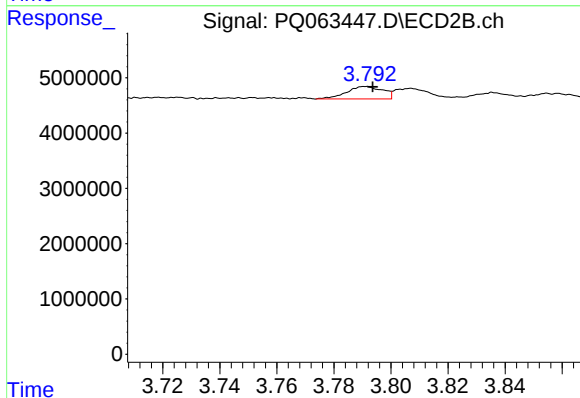
R.T.: 4.552 min
Delta R.T.: -0.003 min
Response: 104032605
Conc: 994.07 ng/ml



#21 AR-1248-1

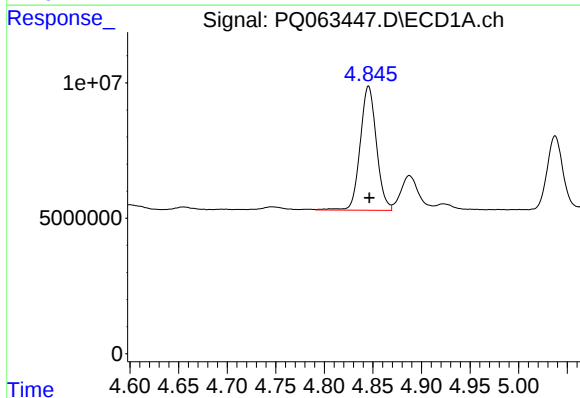
R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 1962167
Conc: 19.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



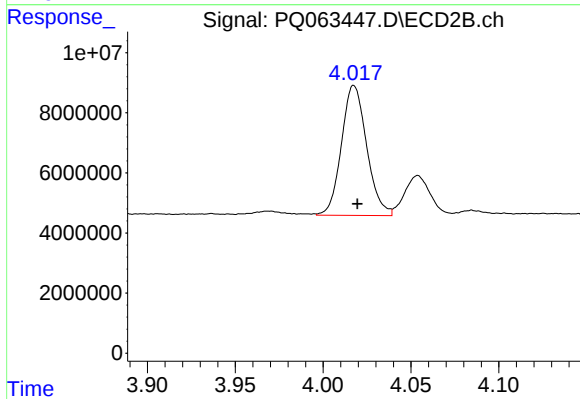
#21 AR-1248-1

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 1972211
Conc: 24.58 ng/ml



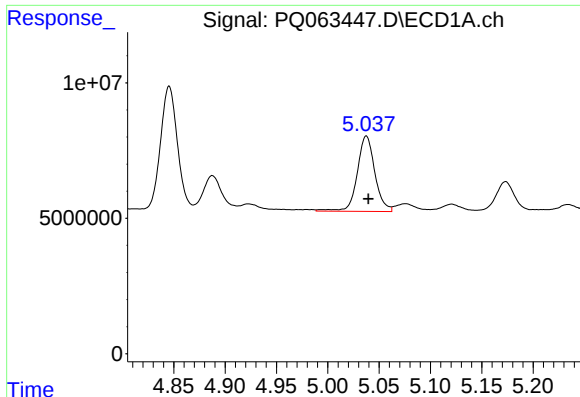
#22 AR-1248-2

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 53354120
Conc: 373.05 ng/ml



#22 AR-1248-2

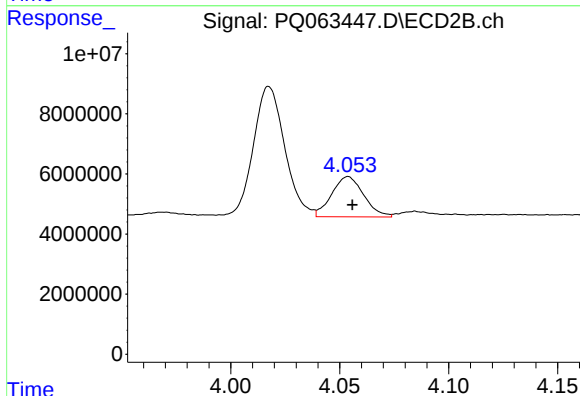
R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 43241069
Conc: 361.16 ng/ml



#23 AR-1248-3

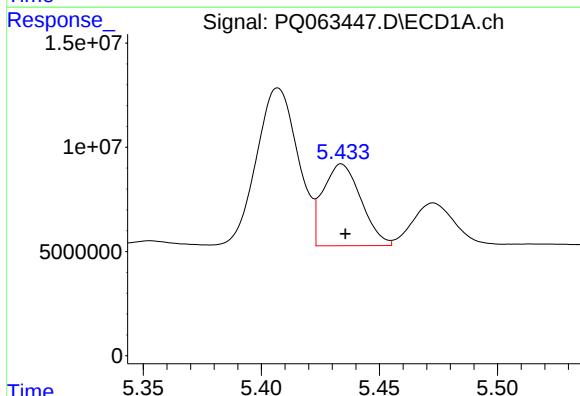
R.T.: 5.038 min
Delta R.T.: -0.002 min
Response: 33326674
Conc: 193.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



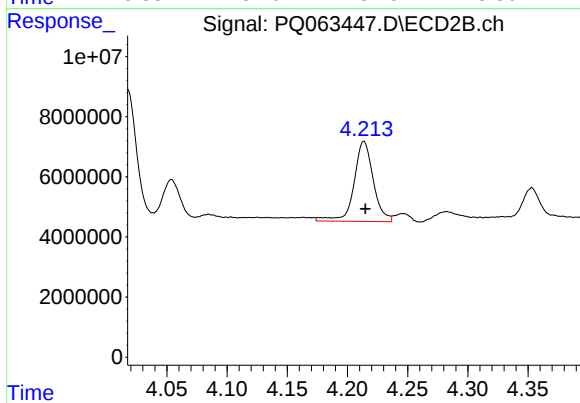
#23 AR-1248-3

R.T.: 4.054 min
Delta R.T.: -0.002 min
Response: 13680102
Conc: 119.32 ng/ml



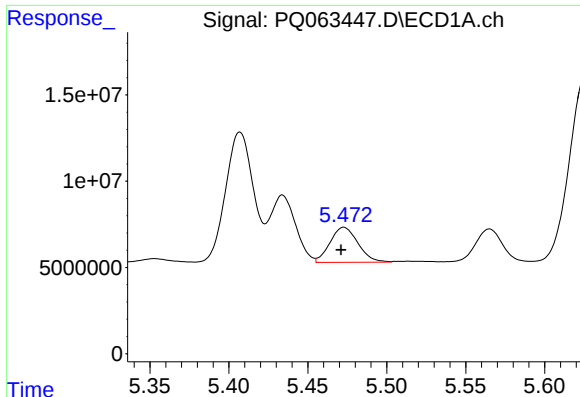
#24 AR-1248-4

R.T.: 5.434 min
Delta R.T.: -0.002 min
Response: 43912876
Conc: 229.68 ng/ml



#24 AR-1248-4

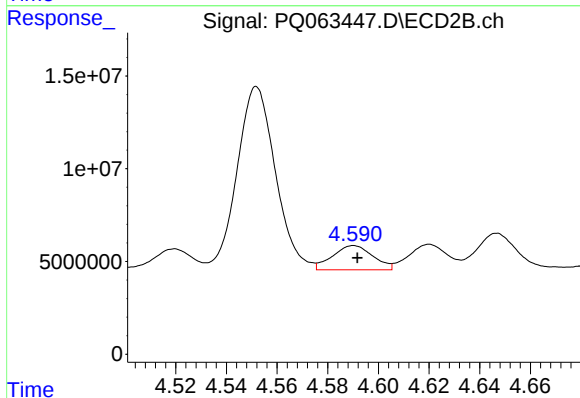
R.T.: 4.214 min
Delta R.T.: -0.001 min
Response: 29748647
Conc: 210.98 ng/ml



#25 AR-1248-5

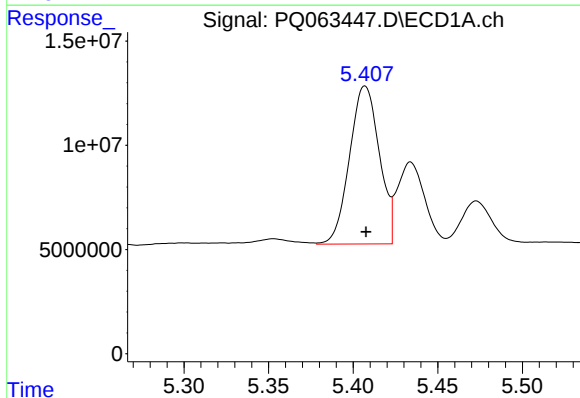
R.T.: 5.473 min
Delta R.T.: 0.002 min
Response: 25045749
Conc: 134.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



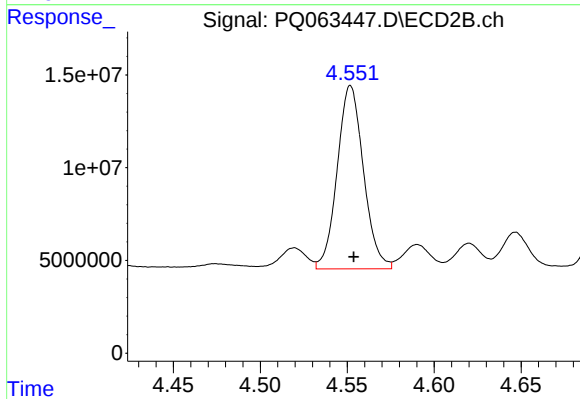
#25 AR-1248-5

R.T.: 4.590 min
Delta R.T.: -0.001 min
Response: 14497897
Conc: 104.92 ng/ml



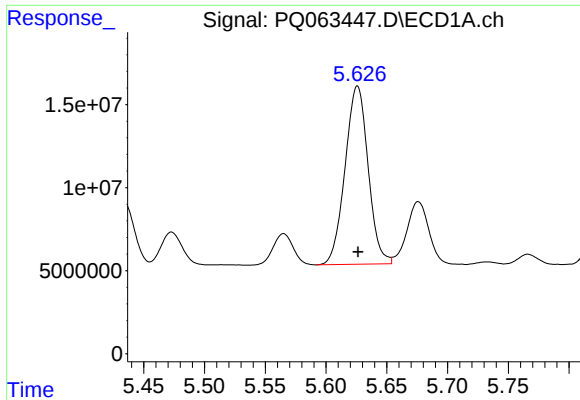
#26 AR-1254-1

R.T.: 5.407 min
Delta R.T.: 0.000 min
Response: 92843387
Conc: 461.66 ng/ml



#26 AR-1254-1

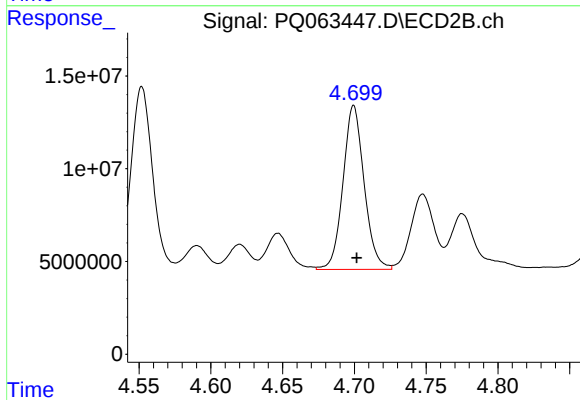
R.T.: 4.552 min
Delta R.T.: -0.002 min
Response: 104032605
Conc: 493.39 ng/ml



#27 AR-1254-2

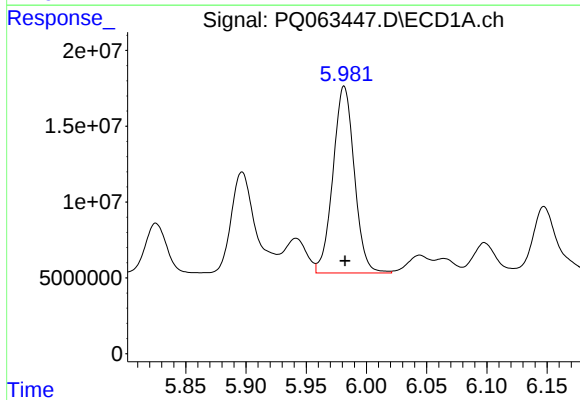
R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 141680887
Conc: 464.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



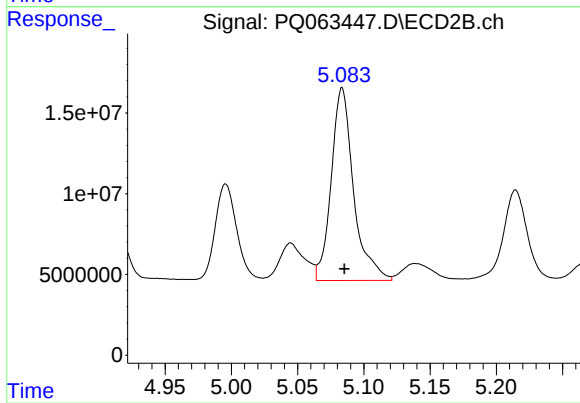
#27 AR-1254-2

R.T.: 4.700 min
Delta R.T.: -0.002 min
Response: 91104899
Conc: 492.24 ng/ml



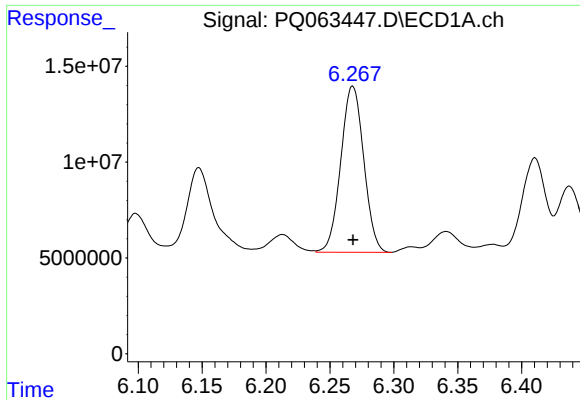
#28 AR-1254-3

R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 152203221
Conc: 463.97 ng/ml



#28 AR-1254-3

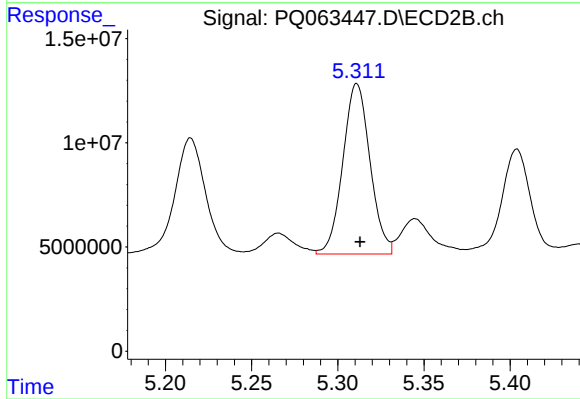
R.T.: 5.084 min
Delta R.T.: -0.002 min
Response: 140119935
Conc: 489.71 ng/ml



#29 AR-1254-4

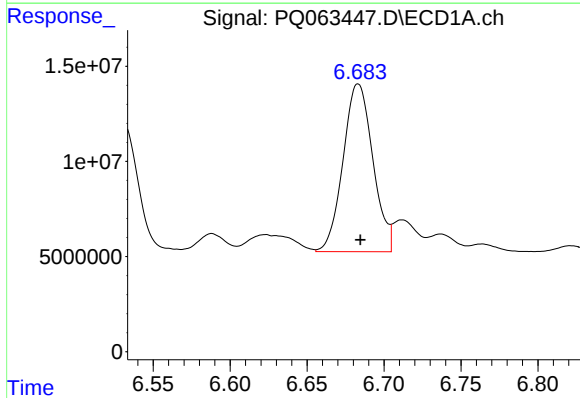
R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 108458529
Conc: 447.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



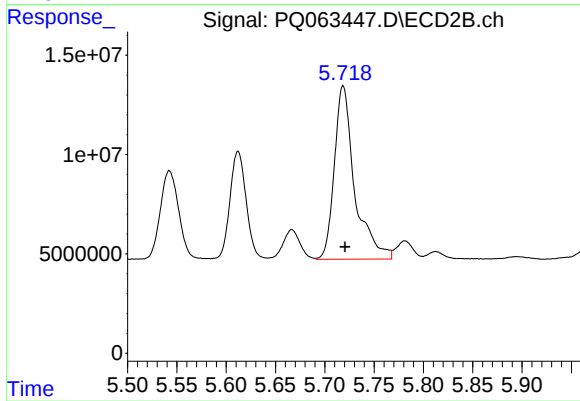
#29 AR-1254-4

R.T.: 5.311 min
Delta R.T.: -0.002 min
Response: 89753199
Conc: 484.80 ng/ml



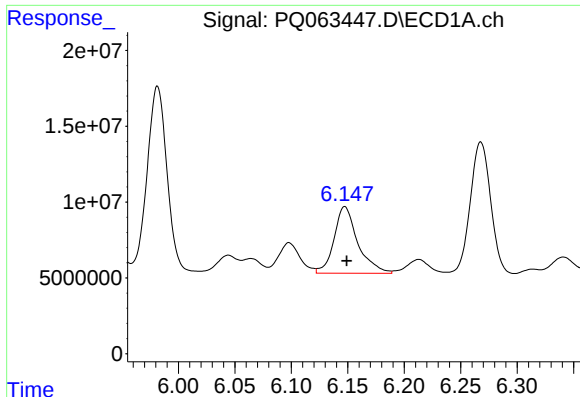
#30 AR-1254-5

R.T.: 6.683 min
Delta R.T.: -0.001 min
Response: 118609984
Conc: 461.86 ng/ml



#30 AR-1254-5

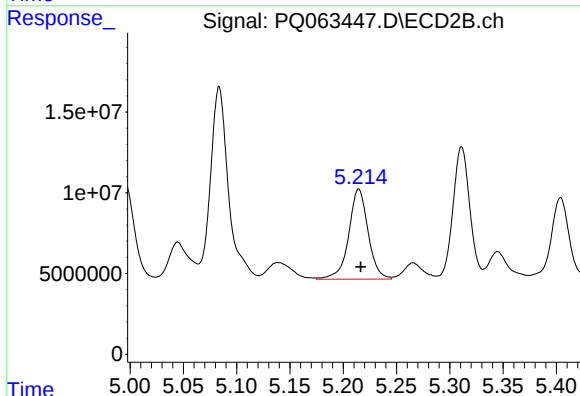
R.T.: 5.719 min
Delta R.T.: -0.002 min
Response: 125208611
Conc: 484.62 ng/ml



#31 AR-1260-1

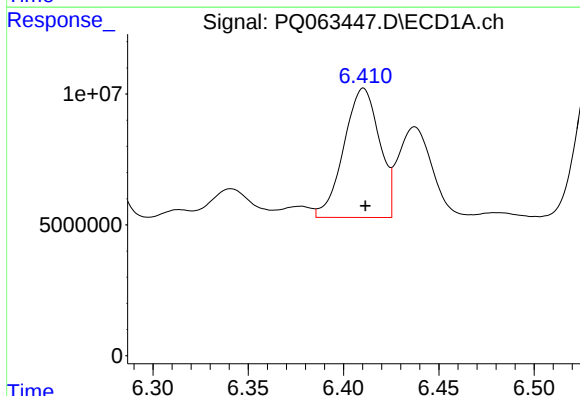
R.T.: 6.147 min
Delta R.T.: -0.002 min
Response: 64313641
Conc: 267.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



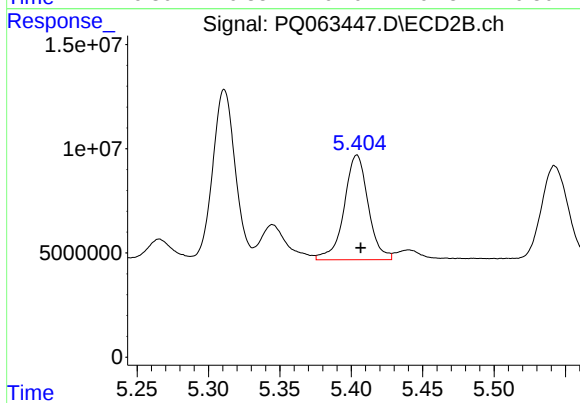
#31 AR-1260-1

R.T.: 5.215 min
Delta R.T.: -0.002 min
Response: 70714485
Conc: 350.20 ng/ml



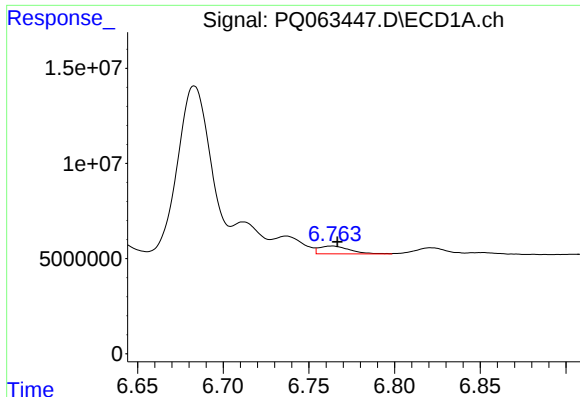
#32 AR-1260-2

R.T.: 6.410 min
Delta R.T.: 0.000 min
Response: 64105704
Conc: 226.26 ng/ml



#32 AR-1260-2

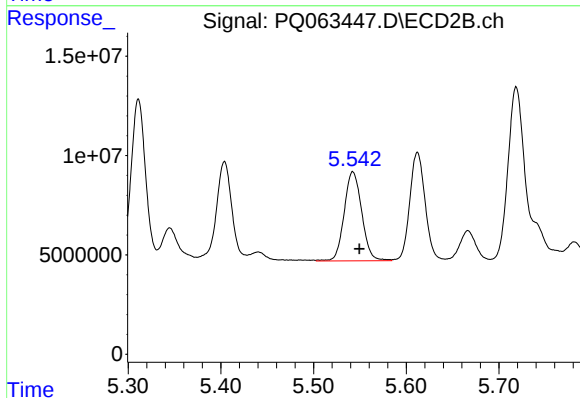
R.T.: 5.404 min
Delta R.T.: -0.003 min
Response: 58903518
Conc: 240.72 ng/ml



#33 AR-1260-3

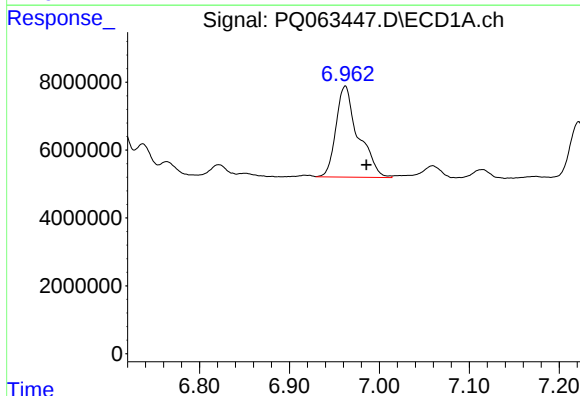
R.T.: 6.763 min
Delta R.T.: -0.003 min
Response: 5089290
Conc: 25.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



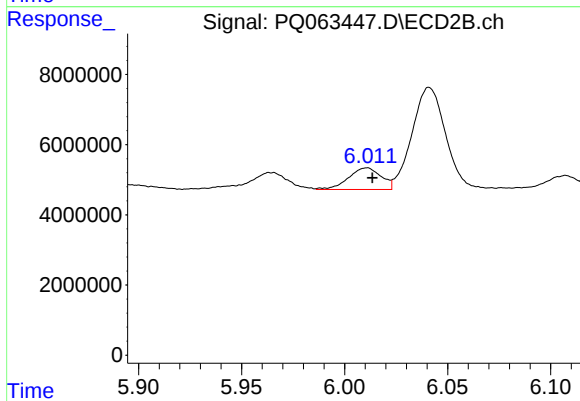
#33 AR-1260-3

R.T.: 5.542 min
Delta R.T.: -0.007 min
Response: 59047132
Conc: 249.70 ng/ml



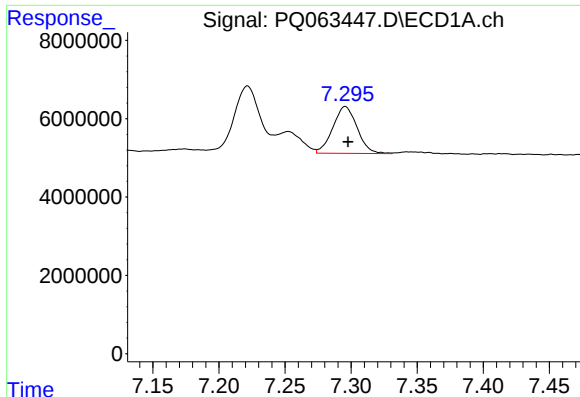
#34 AR-1260-4

R.T.: 6.962 min
Delta R.T.: -0.024 min
Response: 46212026
Conc: 193.86 ng/ml



#34 AR-1260-4

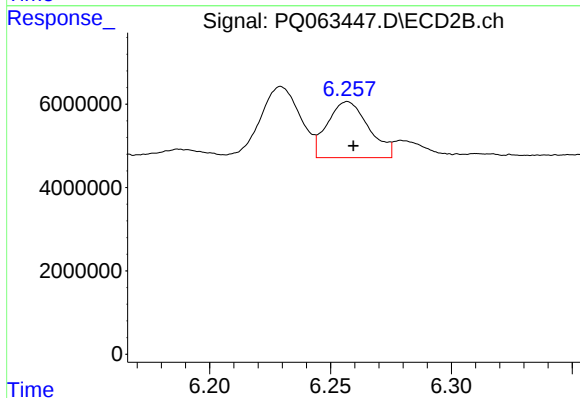
R.T.: 6.011 min
Delta R.T.: -0.003 min
Response: 6770719
Conc: 35.46 ng/ml



#35 AR-1260-5

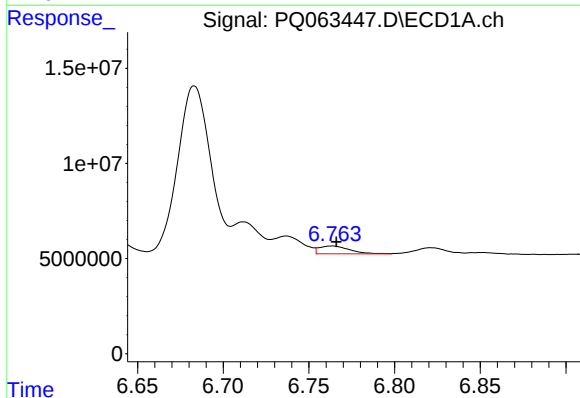
R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 15291491
Conc: 34.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



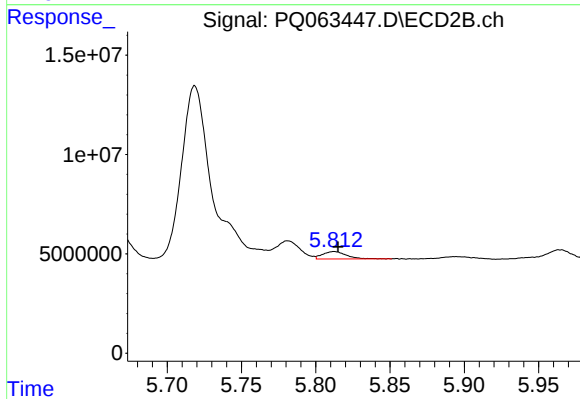
#35 AR-1260-5

R.T.: 6.257 min
Delta R.T.: -0.003 min
Response: 16033683
Conc: 36.61 ng/ml



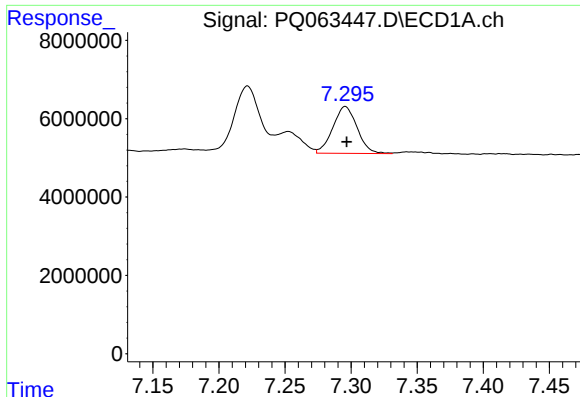
#36 AR-1262-1

R.T.: 6.763 min
Delta R.T.: -0.003 min
Response: 5089290
Conc: 16.35 ng/ml



#36 AR-1262-1

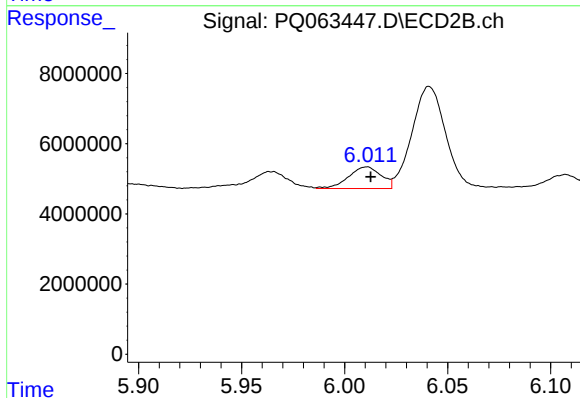
R.T.: 5.812 min
Delta R.T.: -0.003 min
Response: 4101417
Conc: 38.98 ng/ml



#37 AR-1262-2

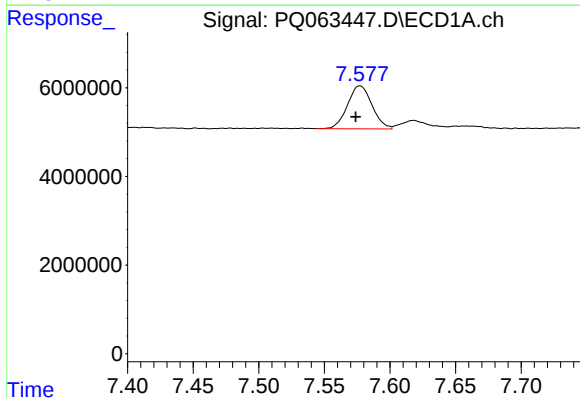
R.T.: 7.296 min
Delta R.T.: -0.001 min
Response: 15291491
Conc: 29.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



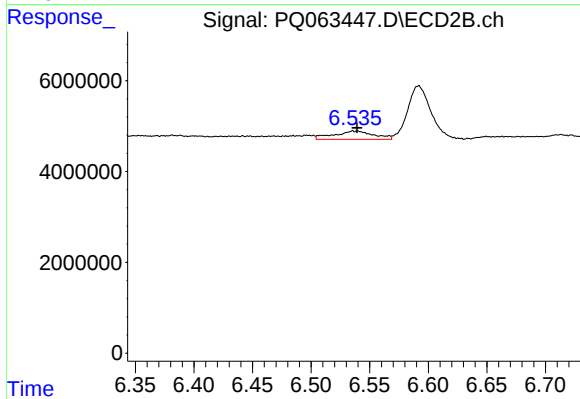
#37 AR-1262-2

R.T.: 6.011 min
Delta R.T.: -0.002 min
Response: 6770719
Conc: 29.16 ng/ml



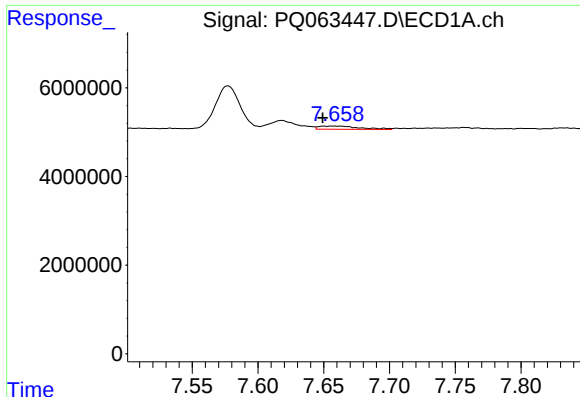
#38 AR-1262-3

R.T.: 7.577 min
Delta R.T.: 0.003 min
Response: 12589854
Conc: 36.37 ng/ml



#38 AR-1262-3

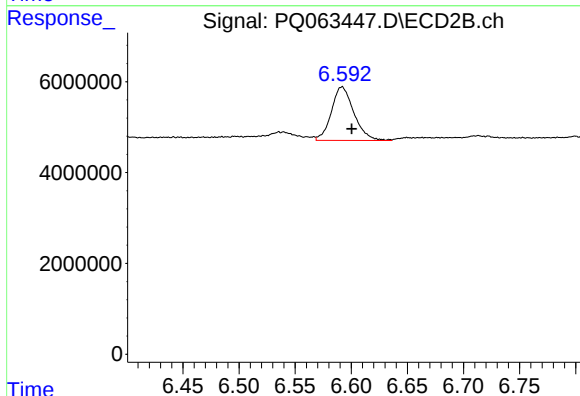
R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 4373463
Conc: 22.77 ng/ml



#39 AR-1262-4

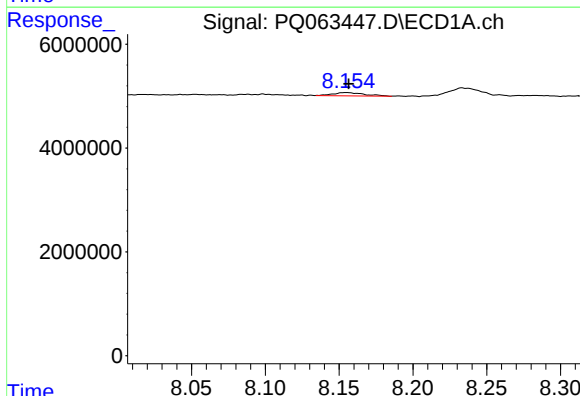
R.T.: 7.650 min
Delta R.T.: 0.001 min
Response: 1556498
Conc: 5.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



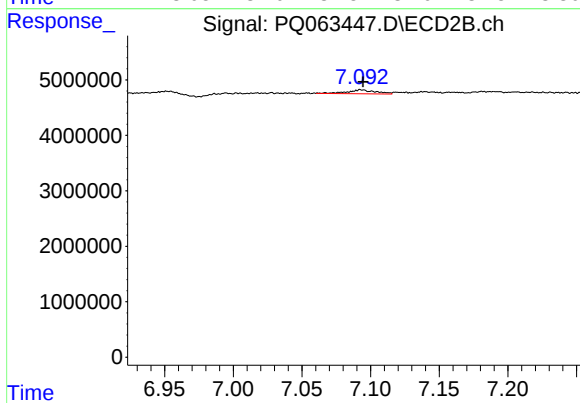
#39 AR-1262-4

R.T.: 6.592 min
Delta R.T.: -0.009 min
Response: 16521862
Conc: 47.25 ng/ml



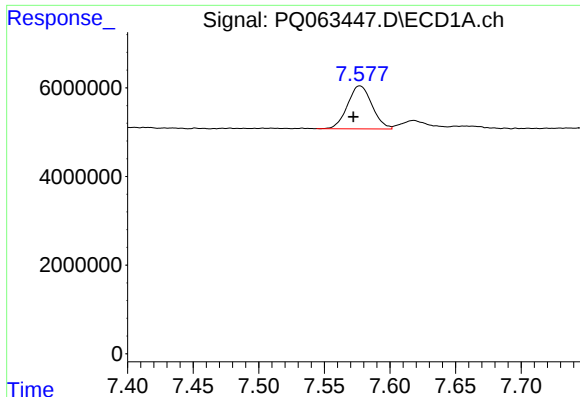
#40 AR-1262-5

R.T.: 8.155 min
Delta R.T.: -0.002 min
Response: 924100
Conc: 5.39 ng/ml



#40 AR-1262-5

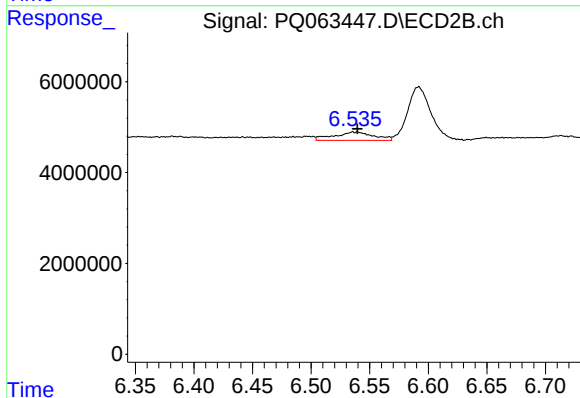
R.T.: 7.093 min
Delta R.T.: -0.002 min
Response: 1019360
Conc: 6.15 ng/ml



#41 AR-1268-1

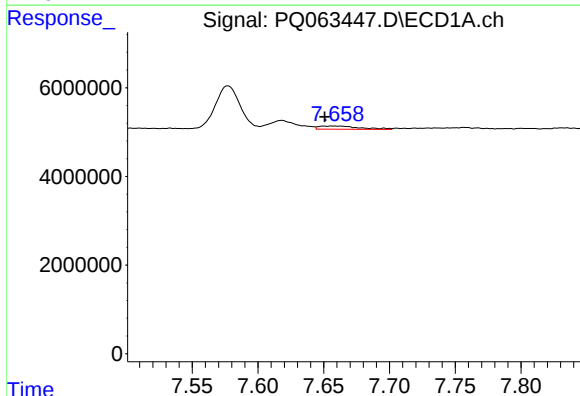
R.T.: 7.577 min
Delta R.T.: 0.005 min
Response: 12589854
Conc: 20.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



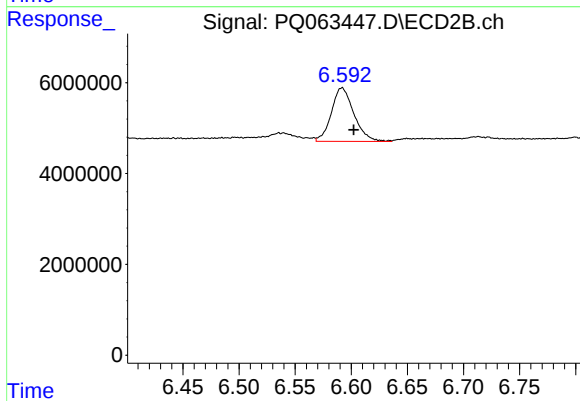
#41 AR-1268-1

R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 4373463
Conc: 7.80 ng/ml



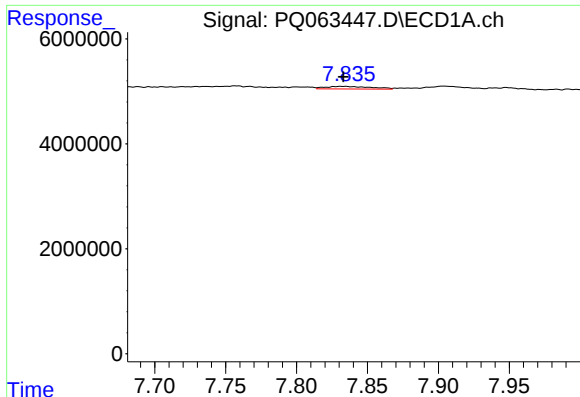
#42 AR-1268-2

R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 1556498
Conc: 2.72 ng/ml



#42 AR-1268-2

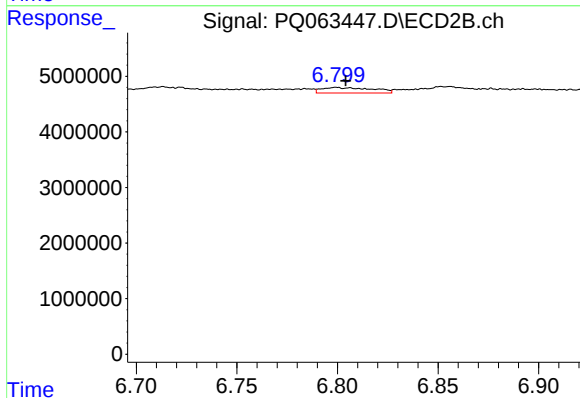
R.T.: 6.592 min
Delta R.T.: -0.011 min
Response: 16521862
Conc: 33.22 ng/ml



#43 AR-1268-3

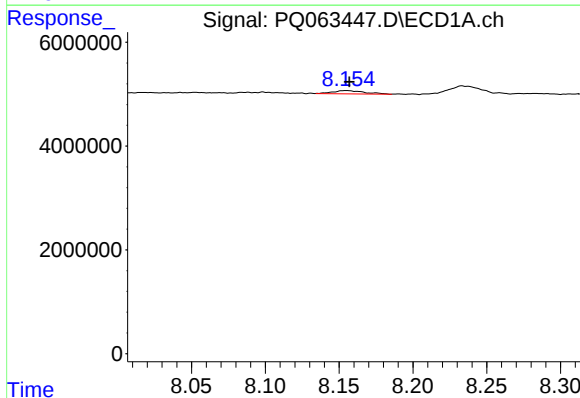
R.T.: 7.832 min
Delta R.T.: -0.001 min
Response: 1156679
Conc: 2.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



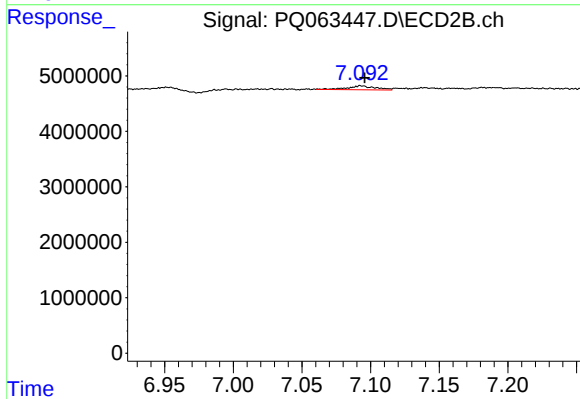
#43 AR-1268-3

R.T.: 6.799 min
Delta R.T.: -0.005 min
Response: 1751975
Conc: 4.11 ng/ml



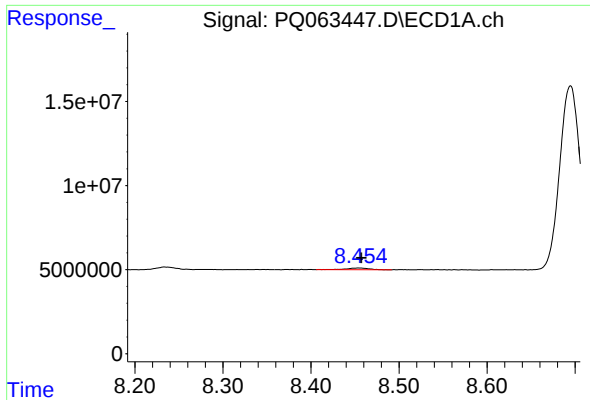
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: -0.002 min
Response: 924100
Conc: 4.80 ng/ml



#44 AR-1268-4

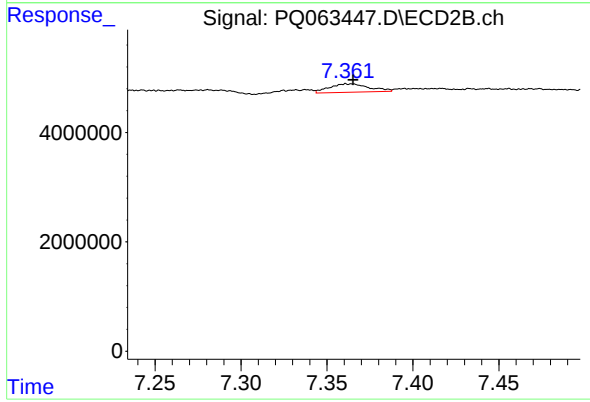
R.T.: 7.093 min
Delta R.T.: -0.003 min
Response: 1019360
Conc: 5.50 ng/ml



#45 AR-1268-5

R.T.: 8.454 min
Delta R.T.: -0.003 min
Response: 1787788
Conc: 1.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 2480925
Conc: 1.89 ng/ml