

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121523\
 Data File : PQ064547.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2023 10:19
 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: Dec 15 13:34:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 09 05:18:21 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...	3.457	2.773	208.3E6	240.6E6	50.202	57.311
2)	SA Decachlor...	8.691	7.567	157.6E6	212.0E6	53.774	52.521
Target Compounds							
3)	L1 AR-1016-1	4.571	3.783	1933119	2141031	15.173	17.616
4)	L1 AR-1016-2	4.592	3.798	2823845	1775450	14.712	9.686 #
5)	L1 AR-1016-3	4.650	3.959	1446124	1317598	12.188	13.541
6)	L1 AR-1016-4	4.743	4.008	1152525	47621330	12.409	570.228 #
7)	L1 AR-1016-5	5.032	4.203	27023951	28153082	277.377	278.085
8)	L2 AR-1221-1	3.669	2.973	1069470	258224	21.064	4.560 #
9)	L2 AR-1221-2	3.739	3.043	3168748	3710786	86.486	88.090
10)	L2 AR-1221-3	3.809	3.122	994888	1368280	8.798	10.745
11)	L3 AR-1232-1	3.809	3.122	994888	1368280	11.528	14.205
12)	L3 AR-1232-2	4.303	3.798	2256660	1775450	46.260	21.240 #
13)	L3 AR-1232-3	4.592	3.959	2823845	1317598	33.081	29.594
14)	L3 AR-1232-4	4.743	4.044	1152525	14707686	27.976	384.997 #
15)	L3 AR-1232-5	4.840	4.203	45523131	28153082	1488.871	661.521 #
16)	L4 AR-1242-1	4.571	3.783	1933119	2141031	18.652	20.633
17)	L4 AR-1242-2	4.592	3.798	2823845	1775450	18.202	11.492 #
18)	L4 AR-1242-3	4.650	3.959	1446124	1317598	14.930	16.066
19)	L4 AR-1242-4	4.743	4.044	1152525	14707686	15.161	188.495 #
20)	L4 AR-1242-5	5.467	4.542	24858234	105.2E6	299.442	1090.517 #
21)	L5 AR-1248-1	4.571	3.783	1933119	2141031	24.823	26.462
22)	L5 AR-1248-2	4.840	4.008	45523131	47621330	407.917	388.470
23)	L5 AR-1248-3	5.032	4.044	27023951	14707686	203.059	126.041 #
24)	L5 AR-1248-4	5.429	4.203	38444318	28153082	268.608	200.830 #
25)	L5 AR-1248-5	5.467	4.580	24858234	13442048	177.283	101.015 #
26)	L6 AR-1254-1	5.402	4.542	78881896	105.2E6	515.003	502.249
27)	L6 AR-1254-2	5.620	4.689	121.1E6	91509051	518.615	494.693
28)	L6 AR-1254-3	5.976	5.072	126.0E6	140.0E6	512.519	494.983
29)	L6 AR-1254-4	6.263	5.300	90118627	88938332	518.665	479.074
30)	L6 AR-1254-5	6.679	5.708	101.1E6	130.8E6	523.926	503.831
31)	L7 AR-1260-1	6.144	5.203	51163760	69536176	273.206	359.564 #
32)	L7 AR-1260-2	6.404	5.393	53895871	59434963	248.599	255.385
33)	L7 AR-1260-3	6.760	5.530	4545212	59894353	27.886	275.544 #
34)	L7 AR-1260-4	6.957	5.999	40334287	6821494	235.119	37.033 #
35)	L7 AR-1260-5	7.290	6.246	13519512	18526937	40.015	42.726
36)	L8 AR-1262-1	6.760	5.801	4545212	4500374	18.475	39.510 #
37)	L8 AR-1262-2	7.290	5.999	13519512	6821494	33.723	26.779
38)	L8 AR-1262-3	7.573	6.525	10731825	967298	39.678	4.295 #
39)	L8 AR-1262-4	7.653	6.580	720989	20663720	3.416	47.746 #
40)	L8 AR-1262-5	8.153	7.081	520565	1332144	3.819	5.075 #
41)	L9 AR-1268-1	7.573	6.525	10731825	967298	22.438	1.469 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121523\
 Data File : PQ064547.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2023 10:19
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

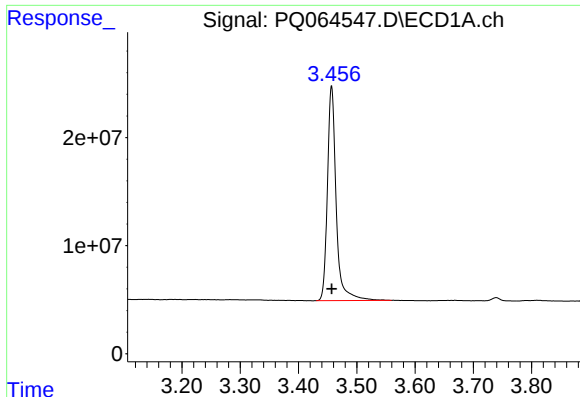
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 15 13:34:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 09 05:18:21 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
42) L9	AR-1268-2	7.653	6.580	720989	20663720	1.658	33.284 #
43) L9	AR-1268-3	7.828	6.791	449531	847990	1.189	1.325
44) L9	AR-1268-4	8.153	7.081	520565	1332144	3.401	4.427 #
45) L9	AR-1268-5	8.451	7.349	732977	2701894	0.674	1.430 #

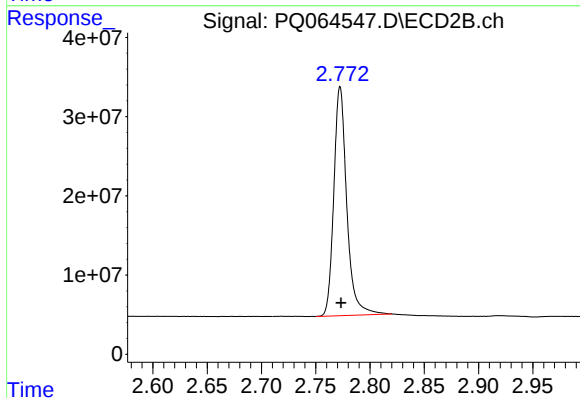
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

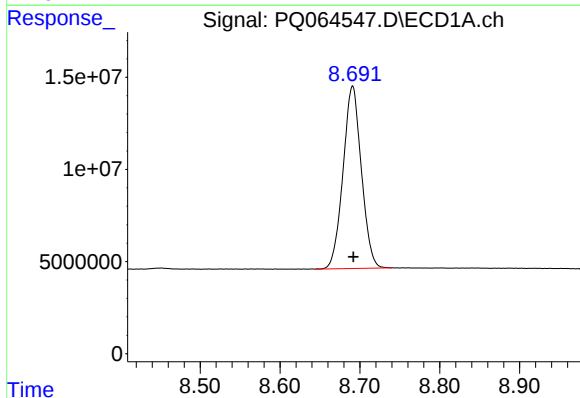
R.T.: 3.457 min
Delta R.T.: 0.000 min
Response: 208269382
Conc: 50.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



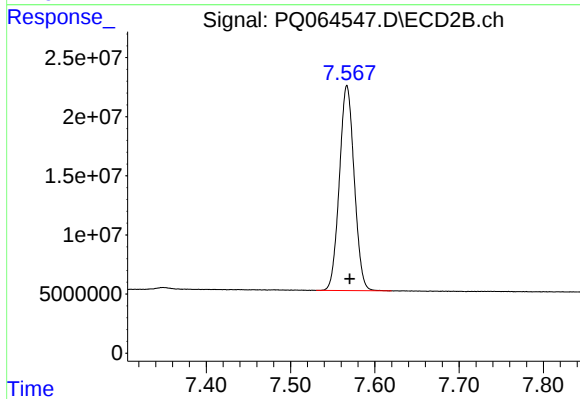
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.000 min
Response: 240615699
Conc: 57.31 ng/ml



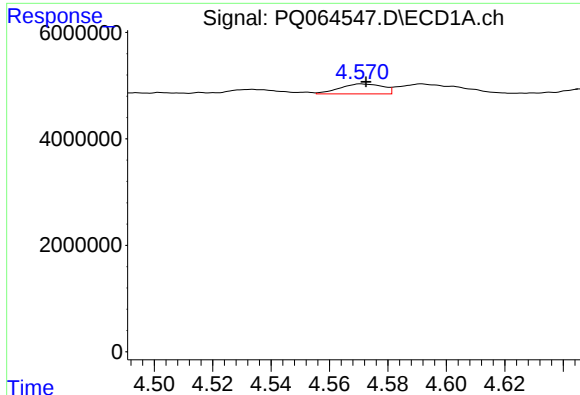
#2 Decachlorobiphenyl

R.T.: 8.691 min
Delta R.T.: -0.001 min
Response: 157635007
Conc: 53.77 ng/ml



#2 Decachlorobiphenyl

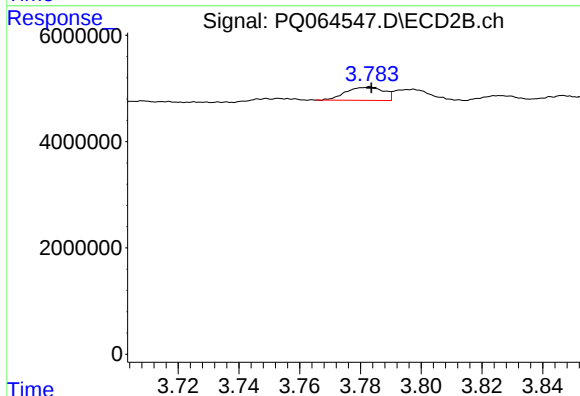
R.T.: 7.567 min
Delta R.T.: -0.003 min
Response: 211986734
Conc: 52.52 ng/ml



#3 AR-1016-1

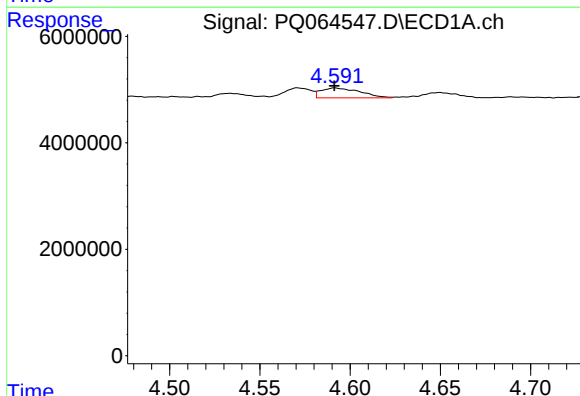
R.T.: 4.571 min
Delta R.T.: -0.001 min
Response: 1933119
Conc: 15.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



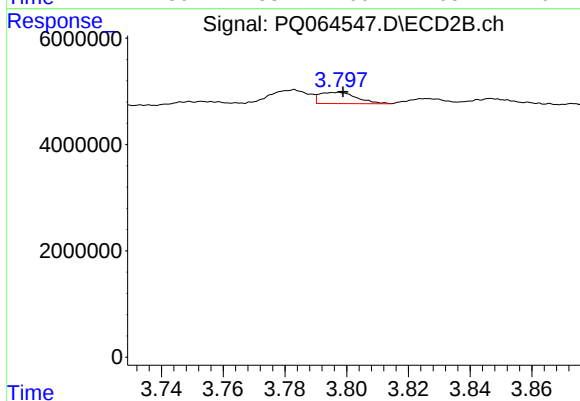
#3 AR-1016-1

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 2141031
Conc: 17.62 ng/ml



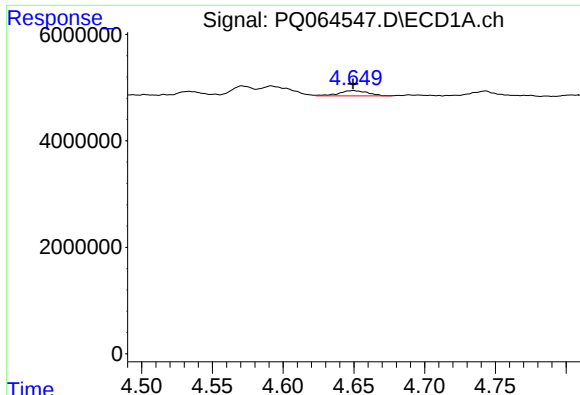
#4 AR-1016-2

R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 2823845
Conc: 14.71 ng/ml



#4 AR-1016-2

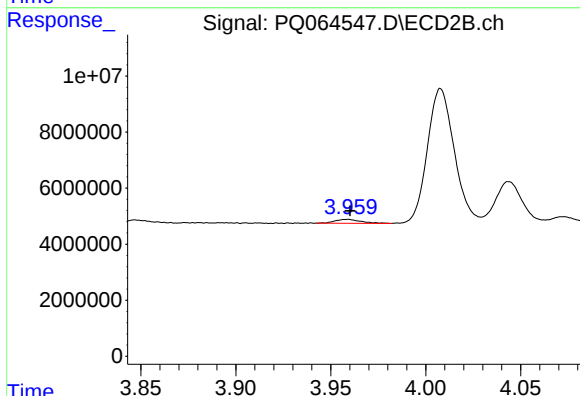
R.T.: 3.798 min
Delta R.T.: -0.001 min
Response: 1775450
Conc: 9.69 ng/ml



#5 AR-1016-3

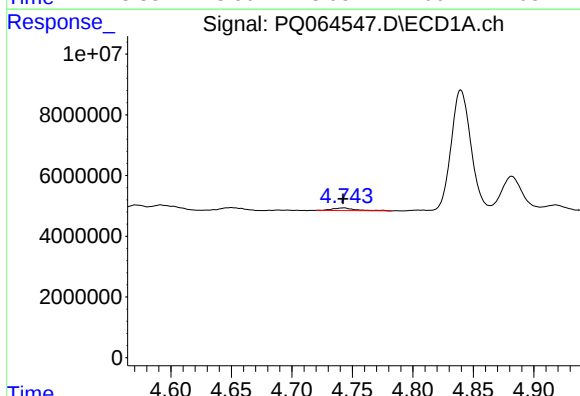
R.T.: 4.650 min
Delta R.T.: 0.000 min
Response: 1446124
Conc: 12.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



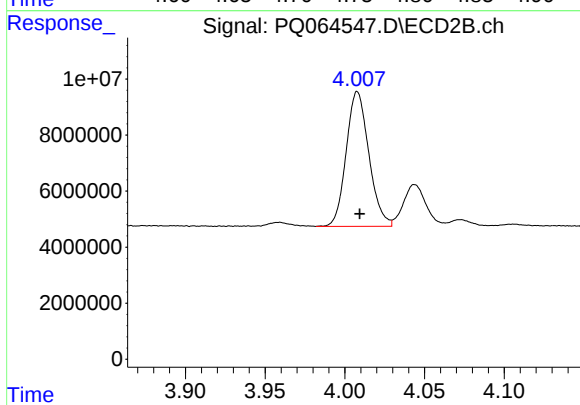
#5 AR-1016-3

R.T.: 3.959 min
Delta R.T.: 0.000 min
Response: 1317598
Conc: 13.54 ng/ml



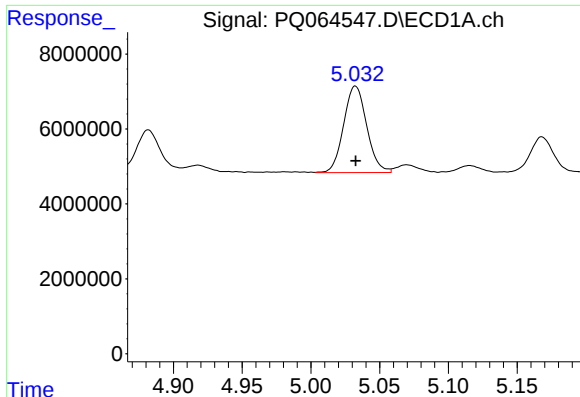
#6 AR-1016-4

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 1152525
Conc: 12.41 ng/ml



#6 AR-1016-4

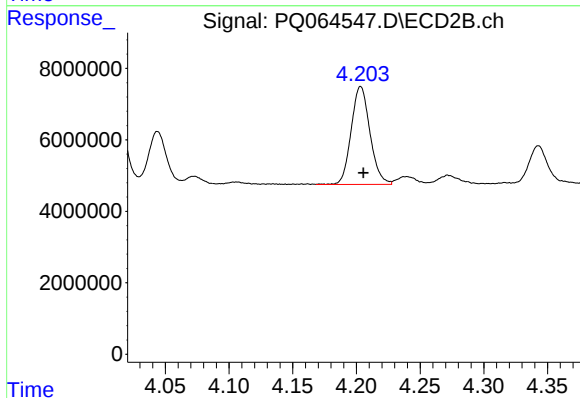
R.T.: 4.008 min
Delta R.T.: -0.002 min
Response: 47621330
Conc: 570.23 ng/ml



#7 AR-1016-5

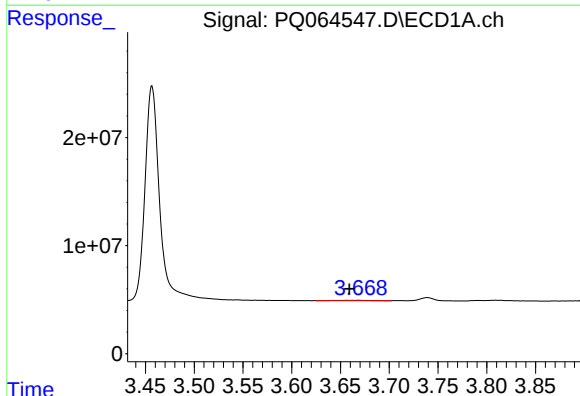
R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 27023951
Conc: 277.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



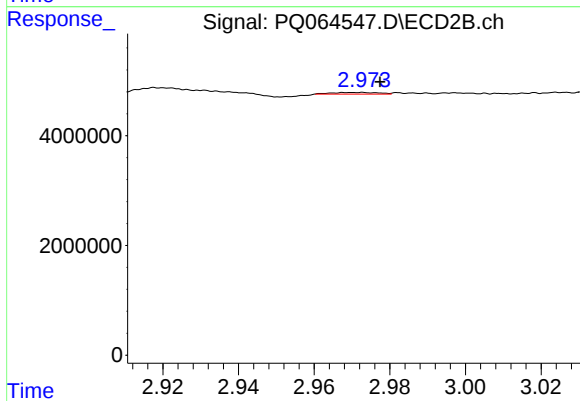
#7 AR-1016-5

R.T.: 4.203 min
Delta R.T.: -0.002 min
Response: 28153082
Conc: 278.08 ng/ml



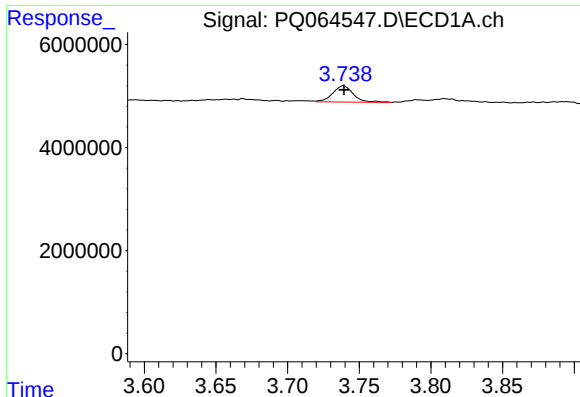
#8 AR-1221-1

R.T.: 3.669 min
Delta R.T.: 0.010 min
Response: 1069470
Conc: 21.06 ng/ml



#8 AR-1221-1

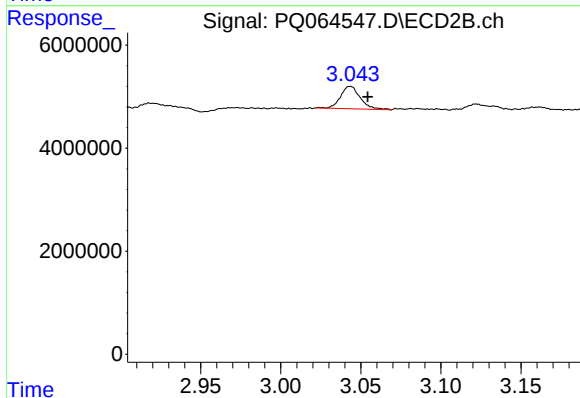
R.T.: 2.973 min
Delta R.T.: -0.005 min
Response: 258224
Conc: 4.56 ng/ml



#9 AR-1221-2

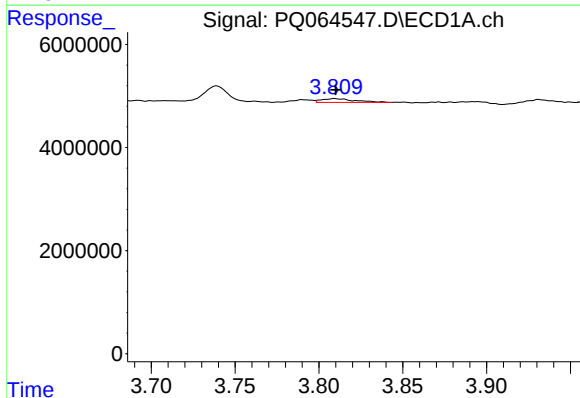
R.T.: 3.739 min
Delta R.T.: 0.000 min
Response: 3168748
Conc: 86.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



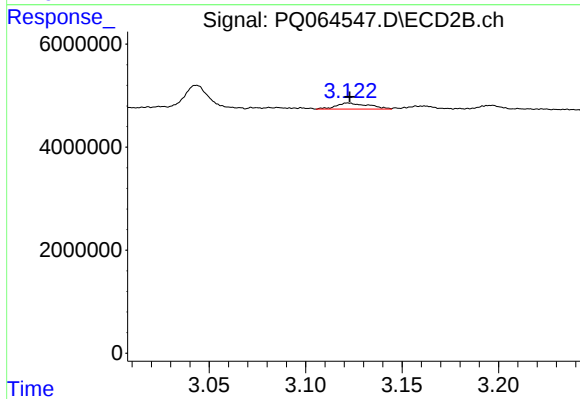
#9 AR-1221-2

R.T.: 3.043 min
Delta R.T.: -0.011 min
Response: 3710786
Conc: 88.09 ng/ml



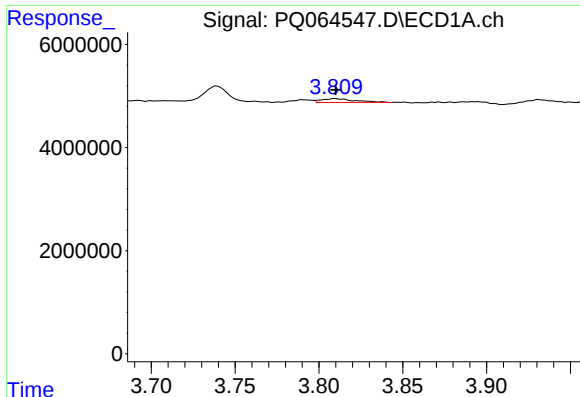
#10 AR-1221-3

R.T.: 3.809 min
Delta R.T.: 0.000 min
Response: 994888
Conc: 8.80 ng/ml



#10 AR-1221-3

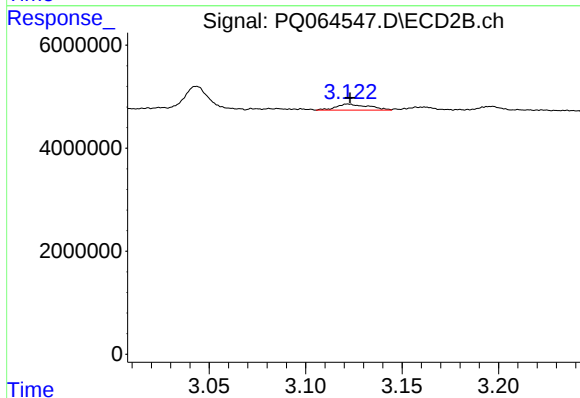
R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 1368280
Conc: 10.74 ng/ml



#11 AR-1232-1

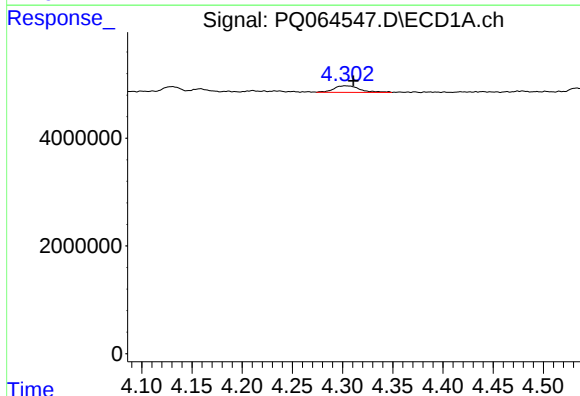
R.T.: 3.809 min
Delta R.T.: 0.000 min
Response: 994888
Conc: 11.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



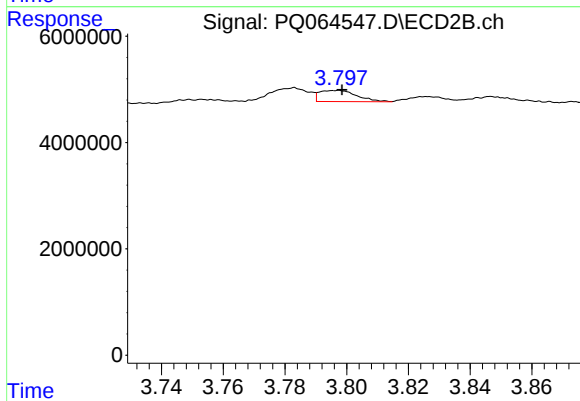
#11 AR-1232-1

R.T.: 3.122 min
Delta R.T.: -0.001 min
Response: 1368280
Conc: 14.21 ng/ml



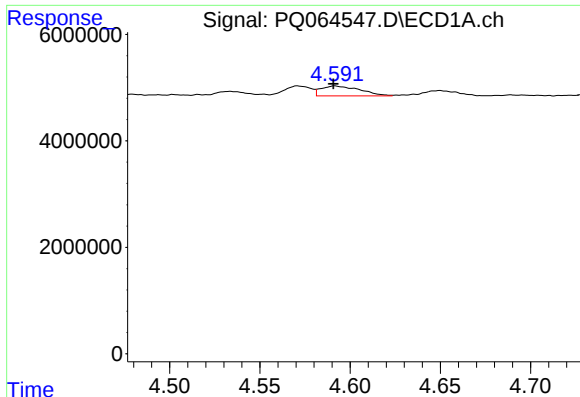
#12 AR-1232-2

R.T.: 4.303 min
Delta R.T.: -0.008 min
Response: 2256660
Conc: 46.26 ng/ml



#12 AR-1232-2

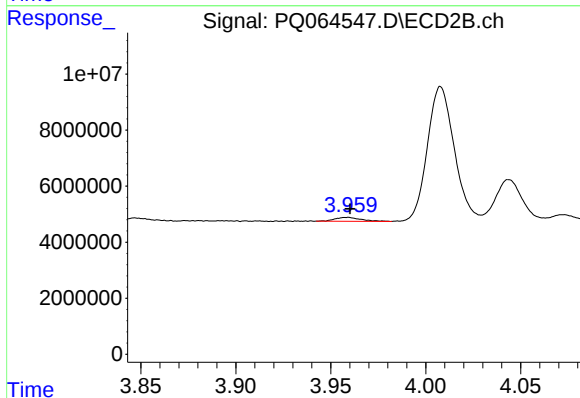
R.T.: 3.798 min
Delta R.T.: -0.001 min
Response: 1775450
Conc: 21.24 ng/ml



#13 AR-1232-3

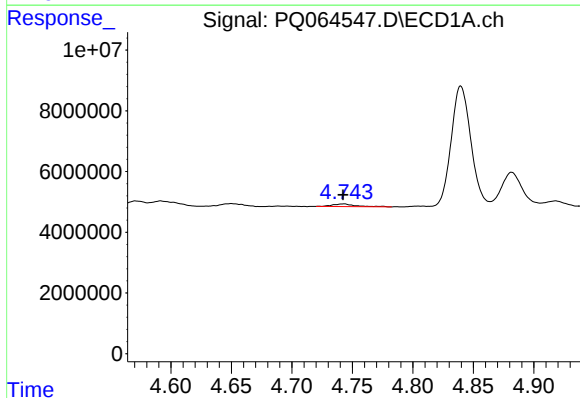
R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 2823845
Conc: 33.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



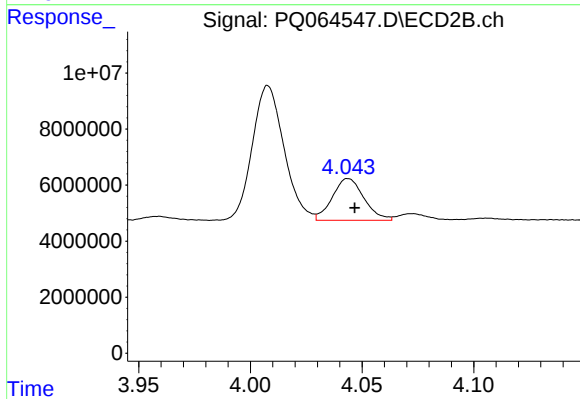
#13 AR-1232-3

R.T.: 3.959 min
Delta R.T.: 0.000 min
Response: 1317598
Conc: 29.59 ng/ml



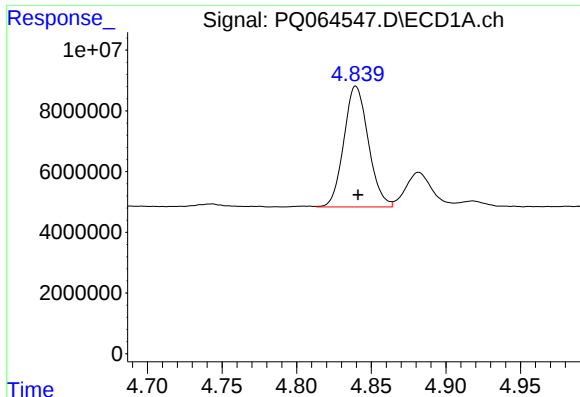
#14 AR-1232-4

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 1152525
Conc: 27.98 ng/ml



#14 AR-1232-4

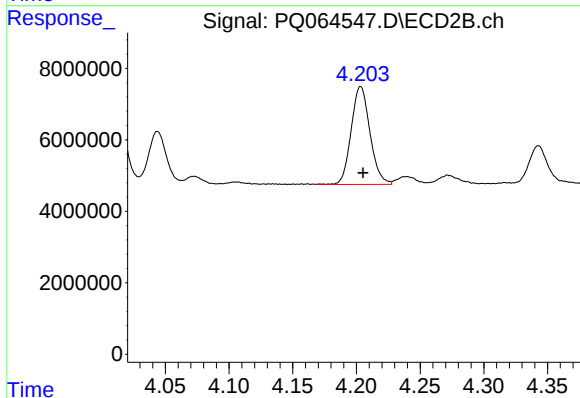
R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 14707686
Conc: 385.00 ng/ml



#15 AR-1232-5

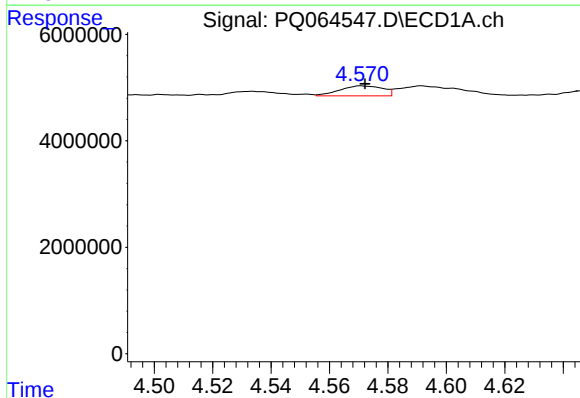
R.T.: 4.840 min
Delta R.T.: -0.001 min
Response: 45523131
Conc: 1488.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



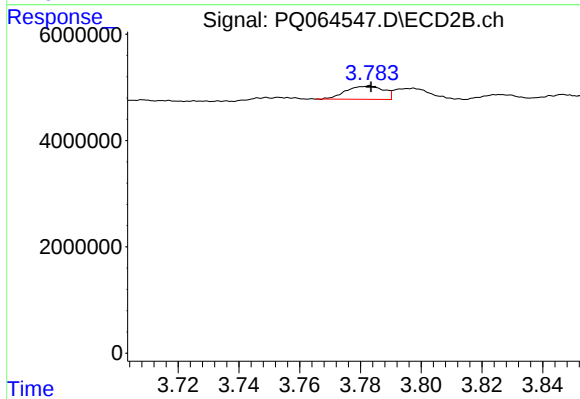
#15 AR-1232-5

R.T.: 4.203 min
Delta R.T.: -0.002 min
Response: 28153082
Conc: 661.52 ng/ml



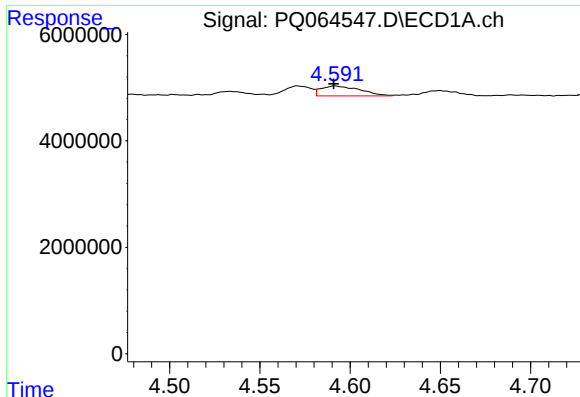
#16 AR-1242-1

R.T.: 4.571 min
Delta R.T.: -0.001 min
Response: 1933119
Conc: 18.65 ng/ml



#16 AR-1242-1

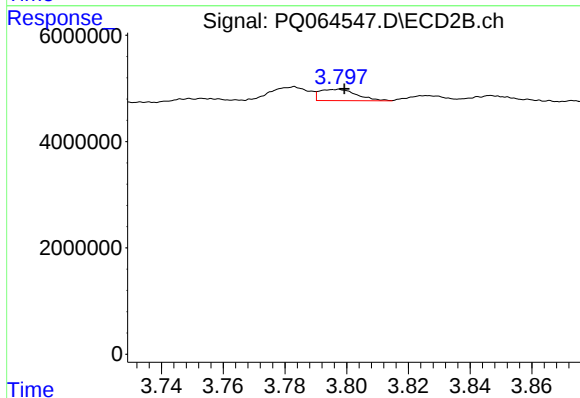
R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 2141031
Conc: 20.63 ng/ml



#17 AR-1242-2

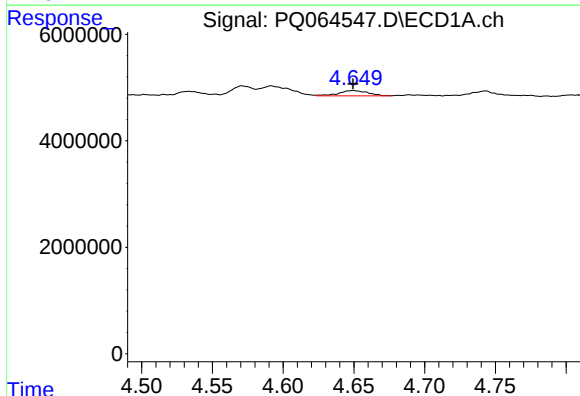
R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 2823845
Conc: 18.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



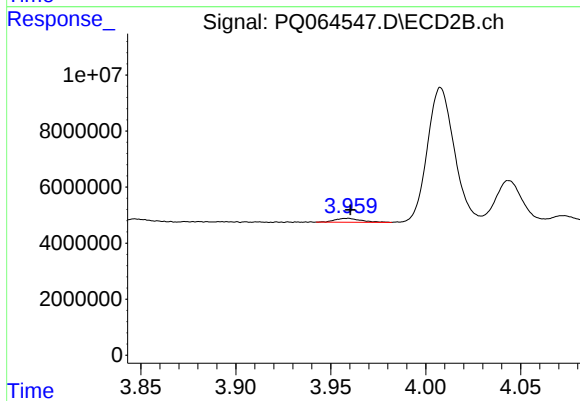
#17 AR-1242-2

R.T.: 3.798 min
Delta R.T.: -0.002 min
Response: 1775450
Conc: 11.49 ng/ml



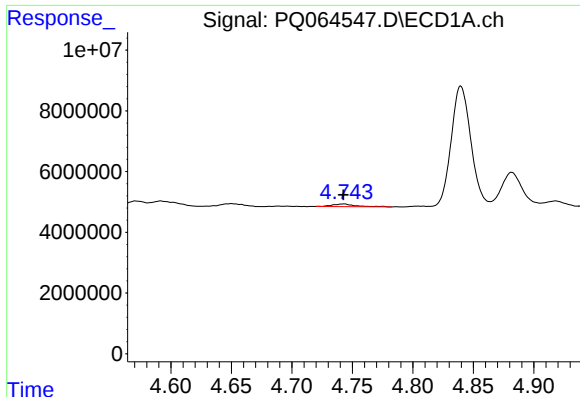
#18 AR-1242-3

R.T.: 4.650 min
Delta R.T.: 0.000 min
Response: 1446124
Conc: 14.93 ng/ml



#18 AR-1242-3

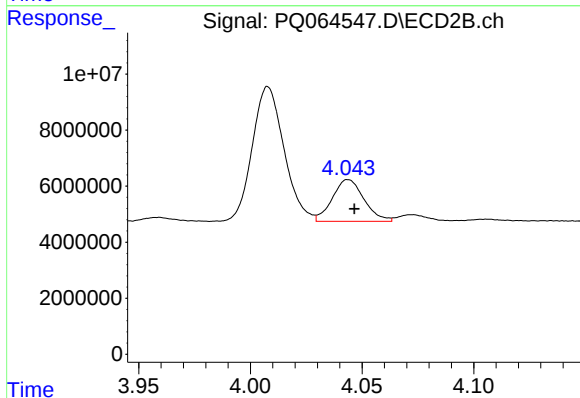
R.T.: 3.959 min
Delta R.T.: -0.001 min
Response: 1317598
Conc: 16.07 ng/ml



#19 AR-1242-4

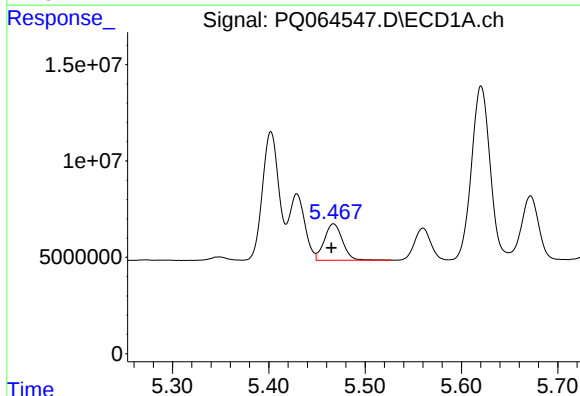
R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 1152525
Conc: 15.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



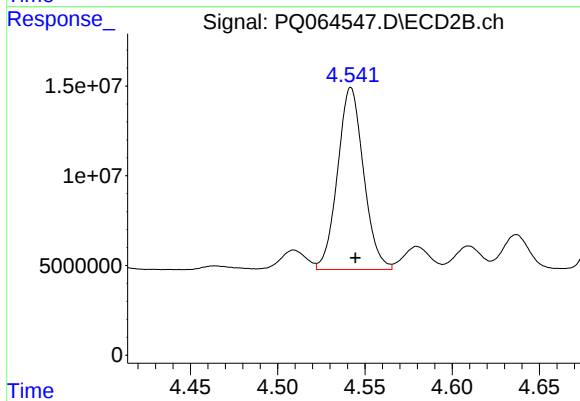
#19 AR-1242-4

R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 14707686
Conc: 188.49 ng/ml



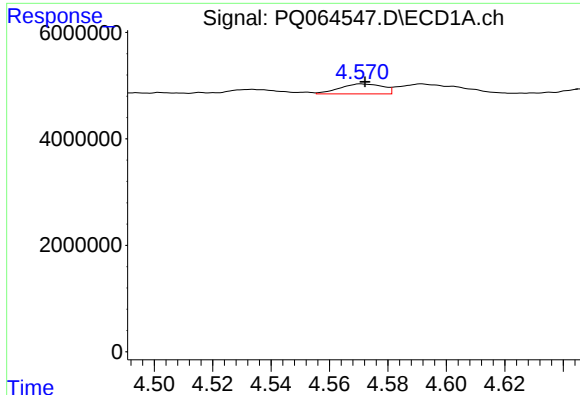
#20 AR-1242-5

R.T.: 5.467 min
Delta R.T.: 0.002 min
Response: 24858234
Conc: 299.44 ng/ml



#20 AR-1242-5

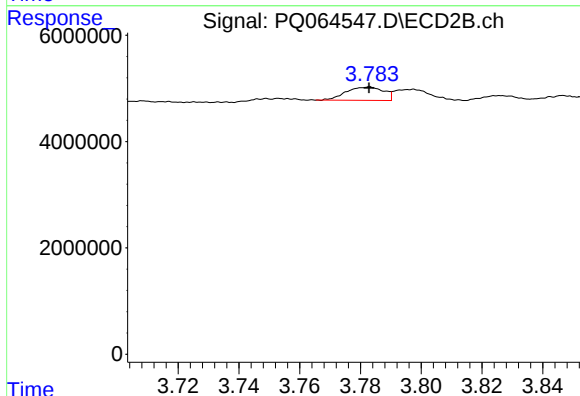
R.T.: 4.542 min
Delta R.T.: -0.003 min
Response: 105163133
Conc: 1090.52 ng/ml



#21 AR-1248-1

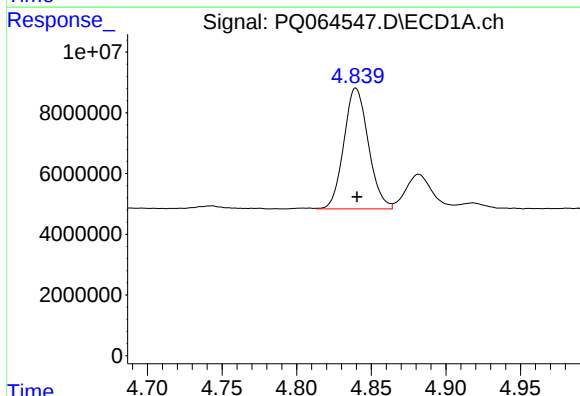
R.T.: 4.571 min
Delta R.T.: -0.001 min
Response: 1933119
Conc: 24.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



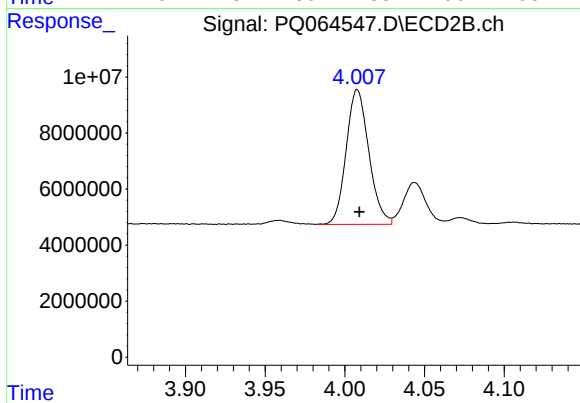
#21 AR-1248-1

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 2141031
Conc: 26.46 ng/ml



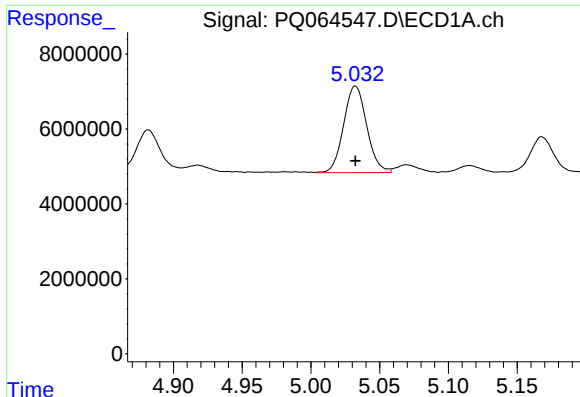
#22 AR-1248-2

R.T.: 4.840 min
Delta R.T.: 0.000 min
Response: 45523131
Conc: 407.92 ng/ml



#22 AR-1248-2

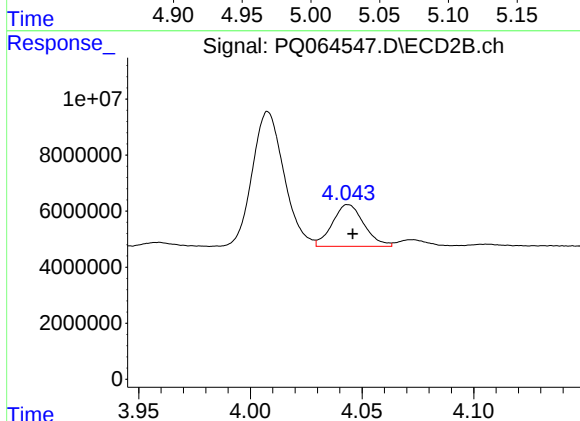
R.T.: 4.008 min
Delta R.T.: -0.001 min
Response: 47621330
Conc: 388.47 ng/ml



#23 AR-1248-3

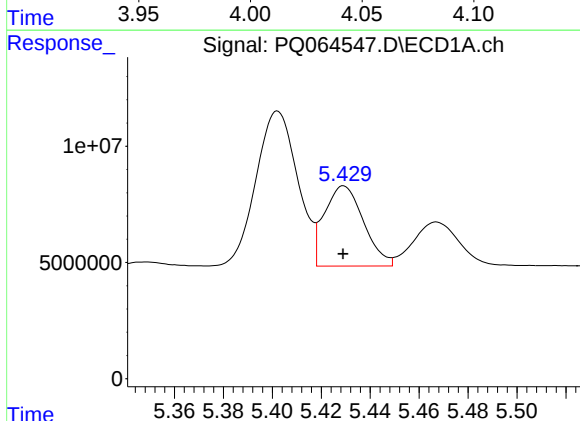
R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 27023951
Conc: 203.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



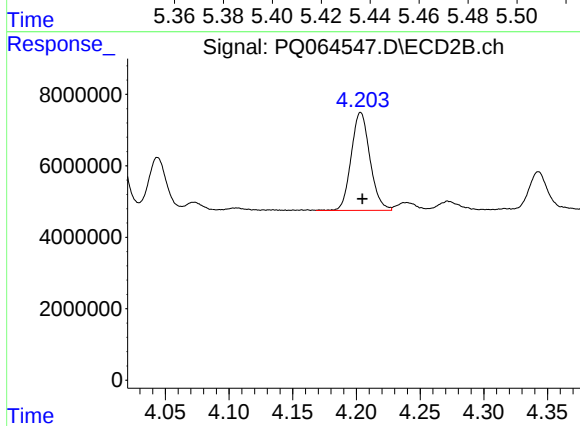
#23 AR-1248-3

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 14707686
Conc: 126.04 ng/ml



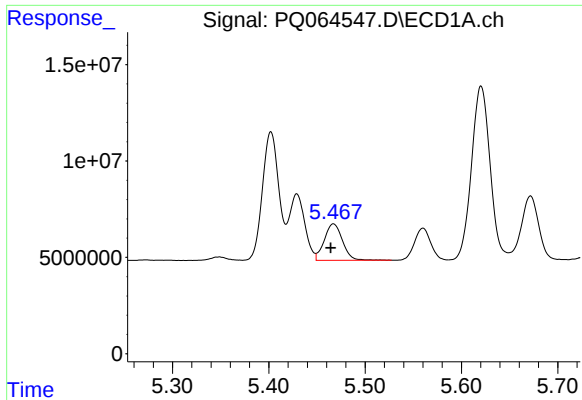
#24 AR-1248-4

R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 38444318
Conc: 268.61 ng/ml



#24 AR-1248-4

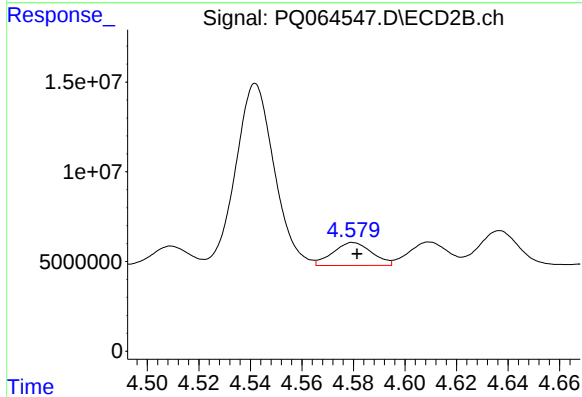
R.T.: 4.203 min
Delta R.T.: -0.001 min
Response: 28153082
Conc: 200.83 ng/ml



#25 AR-1248-5

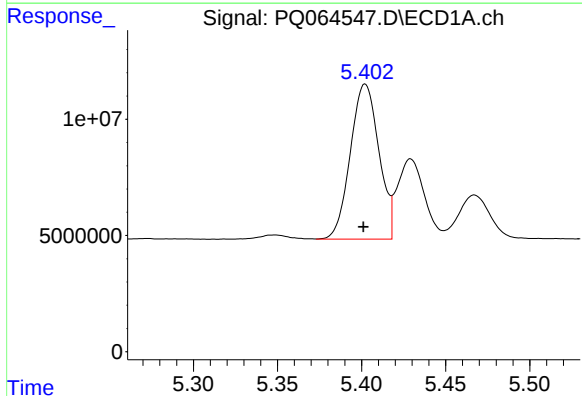
R.T.: 5.467 min
Delta R.T.: 0.003 min
Response: 24858234
Conc: 177.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



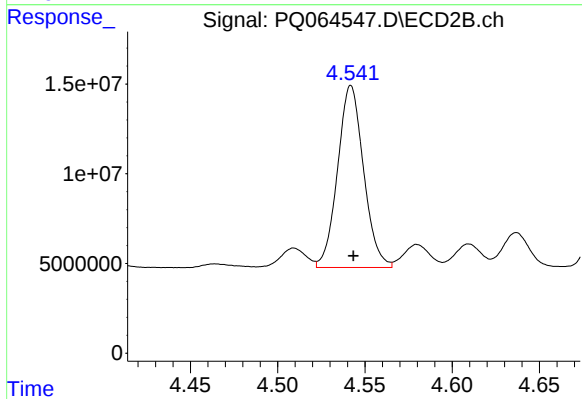
#25 AR-1248-5

R.T.: 4.580 min
Delta R.T.: -0.002 min
Response: 13442048
Conc: 101.02 ng/ml



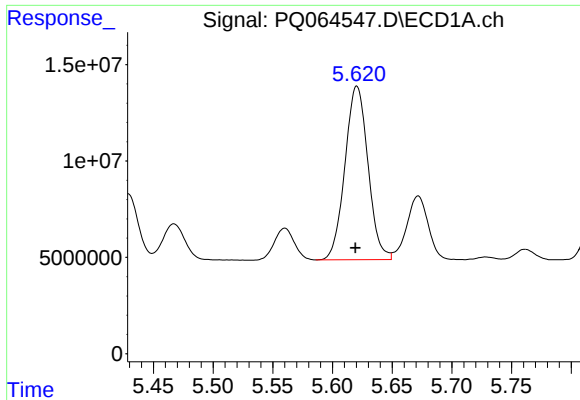
#26 AR-1254-1

R.T.: 5.402 min
Delta R.T.: 0.001 min
Response: 78881896
Conc: 515.00 ng/ml



#26 AR-1254-1

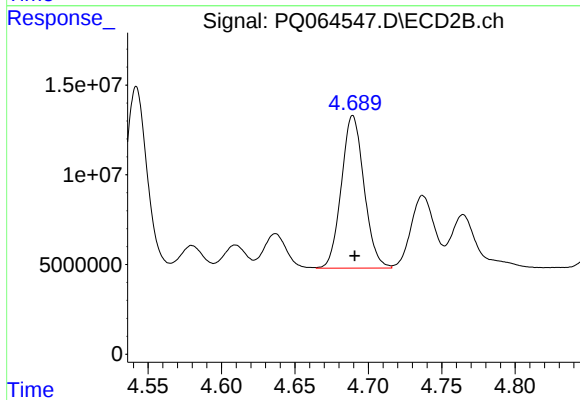
R.T.: 4.542 min
Delta R.T.: -0.002 min
Response: 105163133
Conc: 502.25 ng/ml



#27 AR-1254-2

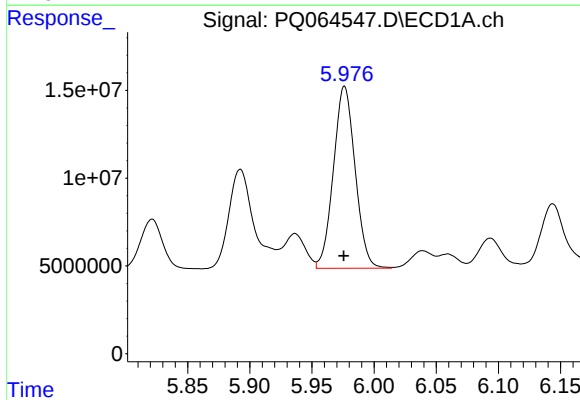
R.T.: 5.620 min
Delta R.T.: 0.001 min
Response: 121101472
Conc: 518.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



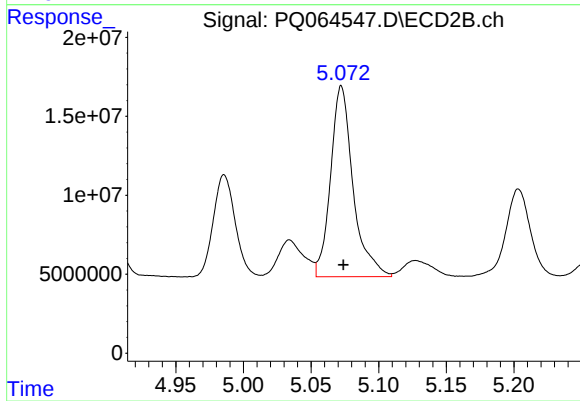
#27 AR-1254-2

R.T.: 4.689 min
Delta R.T.: -0.001 min
Response: 91509051
Conc: 494.69 ng/ml



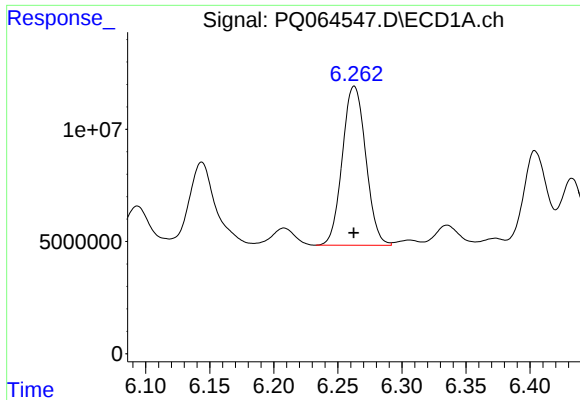
#28 AR-1254-3

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 125974441
Conc: 512.52 ng/ml



#28 AR-1254-3

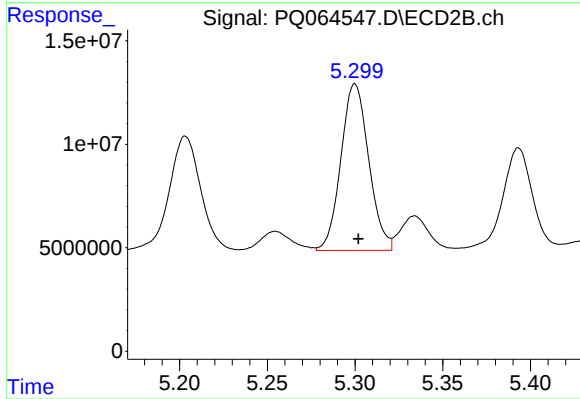
R.T.: 5.072 min
Delta R.T.: -0.001 min
Response: 140035506
Conc: 494.98 ng/ml



#29 AR-1254-4

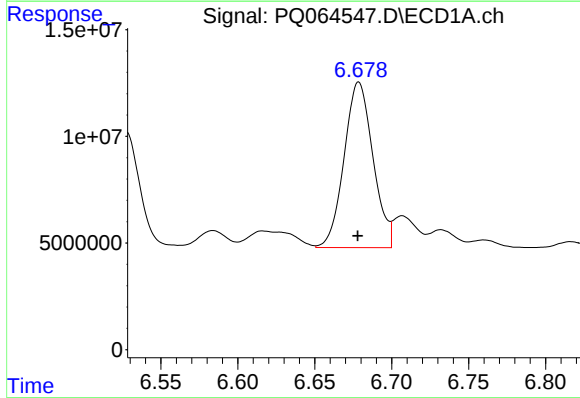
R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 90118627
Conc: 518.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



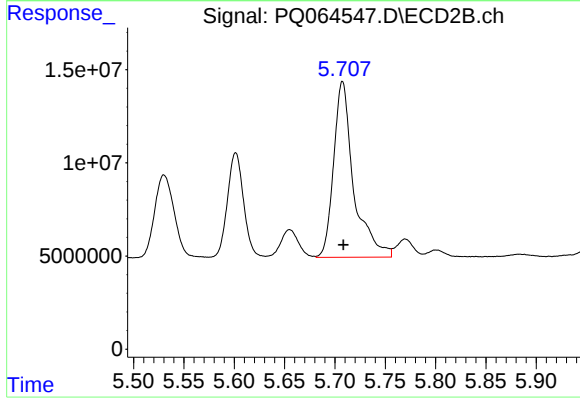
#29 AR-1254-4

R.T.: 5.300 min
Delta R.T.: -0.002 min
Response: 88938332
Conc: 479.07 ng/ml



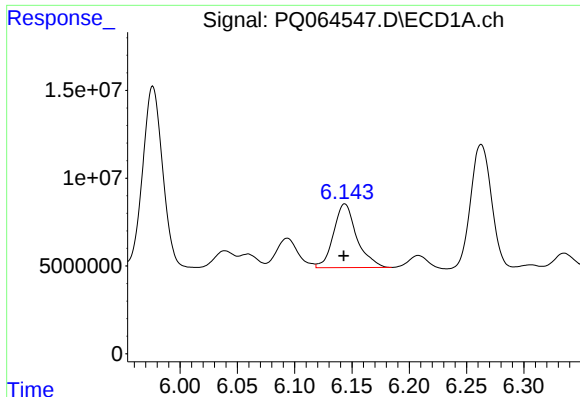
#30 AR-1254-5

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 101118939
Conc: 523.93 ng/ml



#30 AR-1254-5

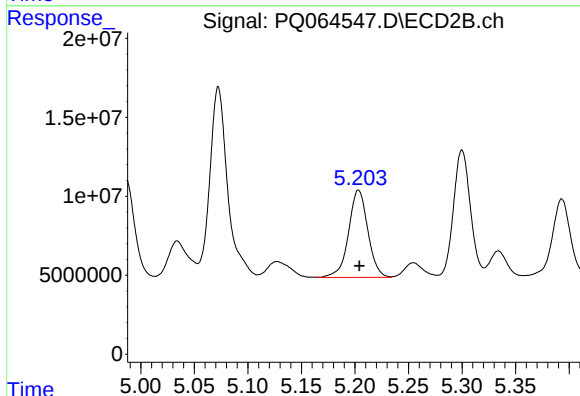
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 130820223
Conc: 503.83 ng/ml



#31 AR-1260-1

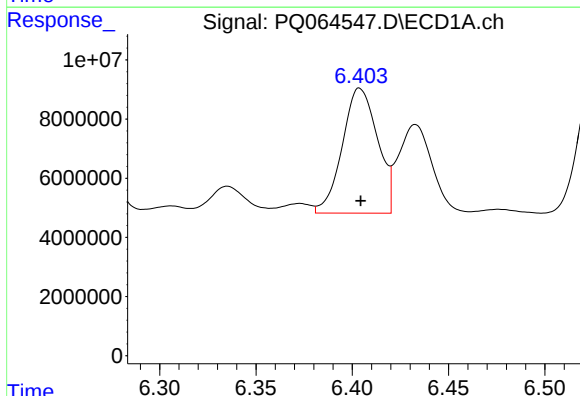
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 51163760
Conc: 273.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



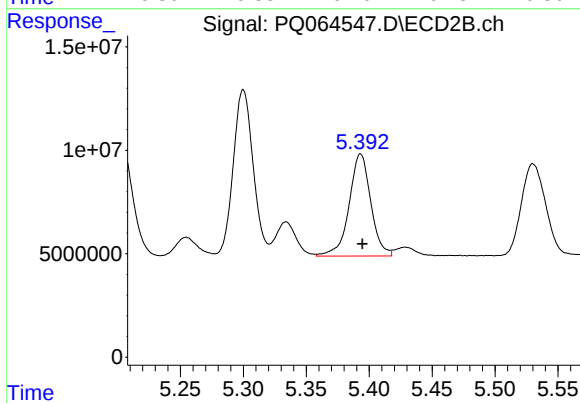
#31 AR-1260-1

R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 69536176
Conc: 359.56 ng/ml



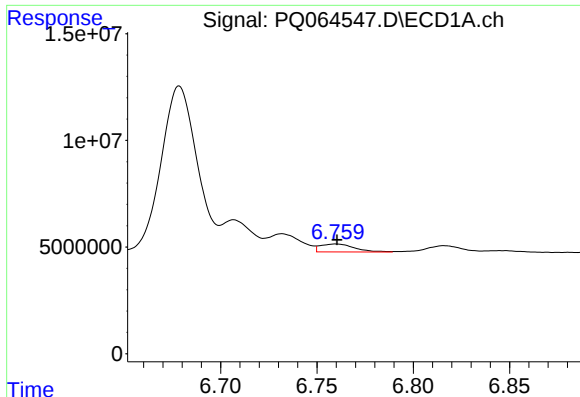
#32 AR-1260-2

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 53895871
Conc: 248.60 ng/ml



#32 AR-1260-2

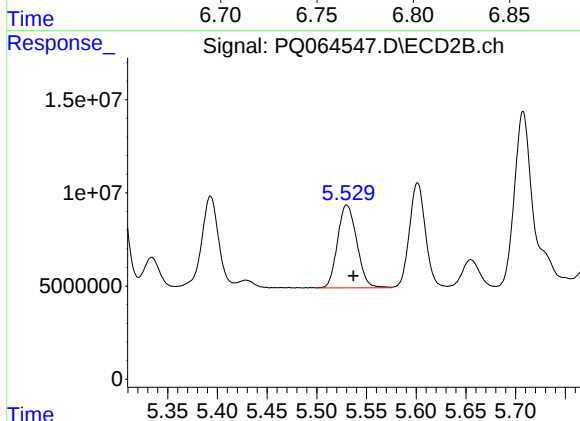
R.T.: 5.393 min
Delta R.T.: -0.001 min
Response: 59434963
Conc: 255.39 ng/ml



#33 AR-1260-3

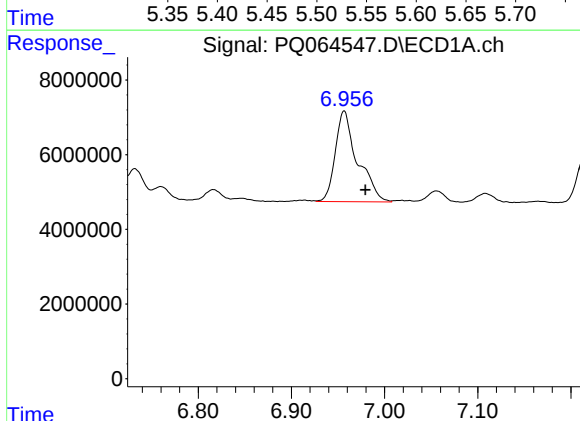
R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 4545212
Conc: 27.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



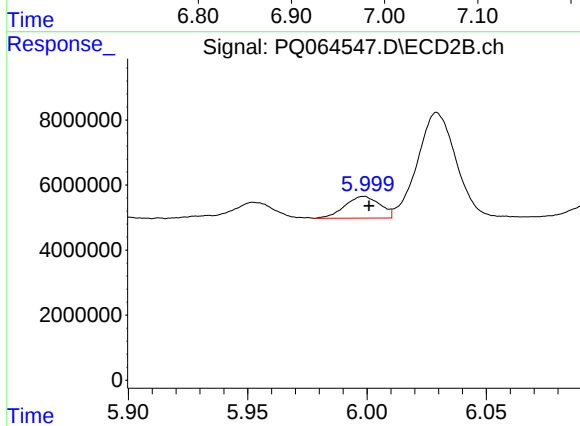
#33 AR-1260-3

R.T.: 5.530 min
Delta R.T.: -0.007 min
Response: 59894353
Conc: 275.54 ng/ml



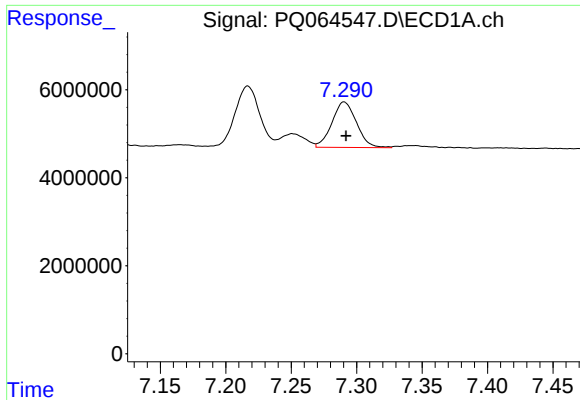
#34 AR-1260-4

R.T.: 6.957 min
Delta R.T.: -0.023 min
Response: 40334287
Conc: 235.12 ng/ml



#34 AR-1260-4

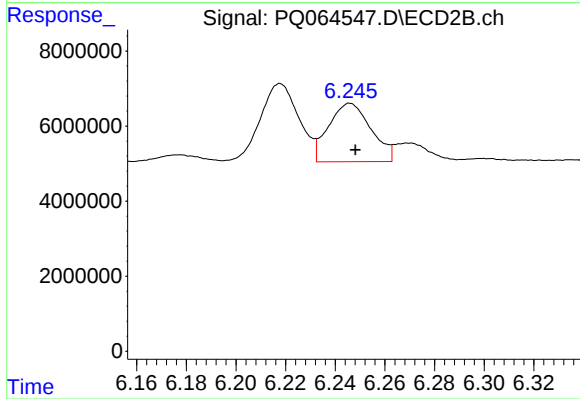
R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 6821494
Conc: 37.03 ng/ml



#35 AR-1260-5

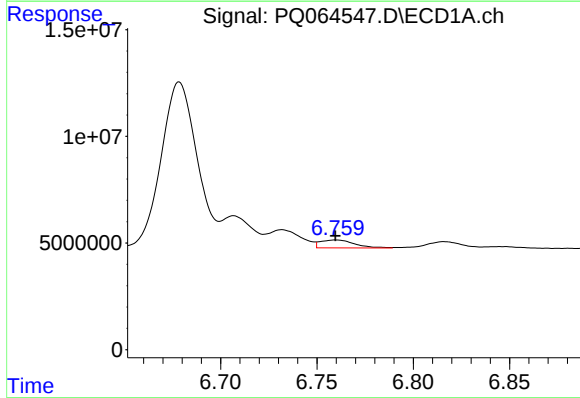
R.T.: 7.290 min
Delta R.T.: -0.002 min
Response: 13519512
Conc: 40.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



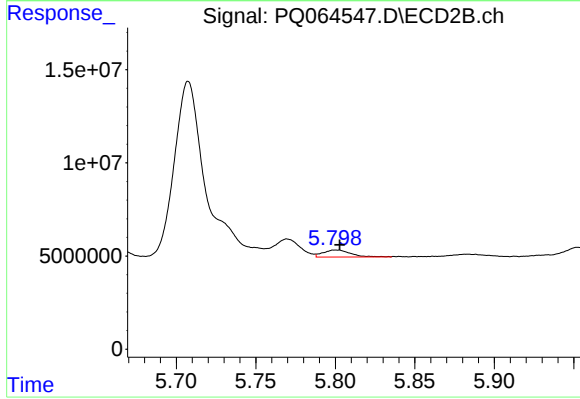
#35 AR-1260-5

R.T.: 6.246 min
Delta R.T.: -0.002 min
Response: 18526937
Conc: 42.73 ng/ml



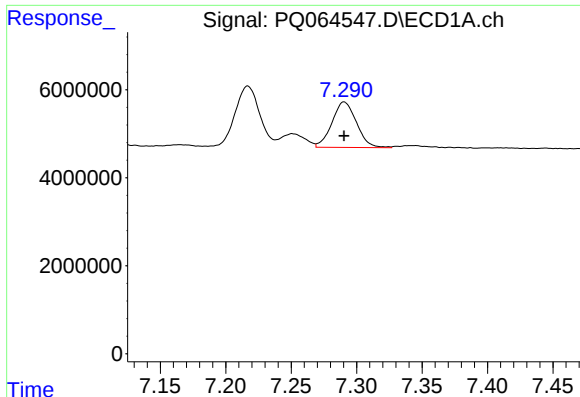
#36 AR-1262-1

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 4545212
Conc: 18.48 ng/ml



#36 AR-1262-1

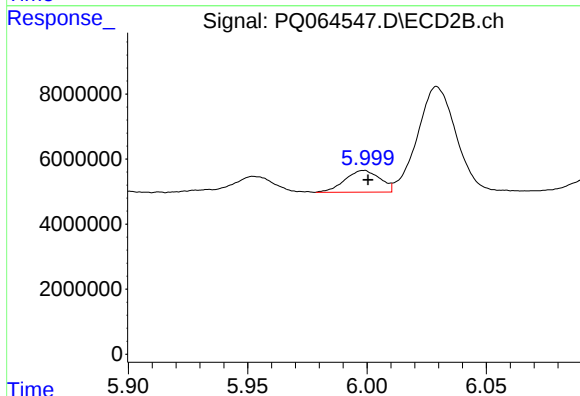
R.T.: 5.801 min
Delta R.T.: -0.002 min
Response: 4500374
Conc: 39.51 ng/ml



#37 AR-1262-2

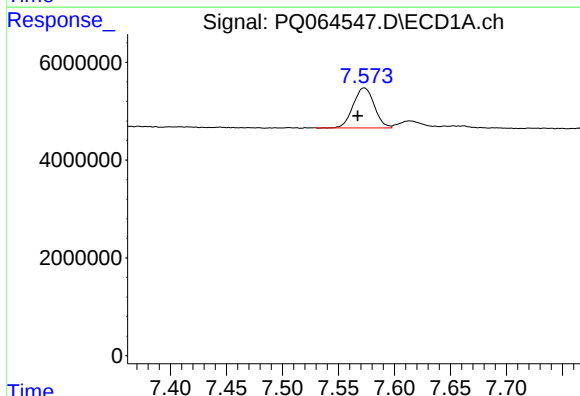
R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 13519512
Conc: 33.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



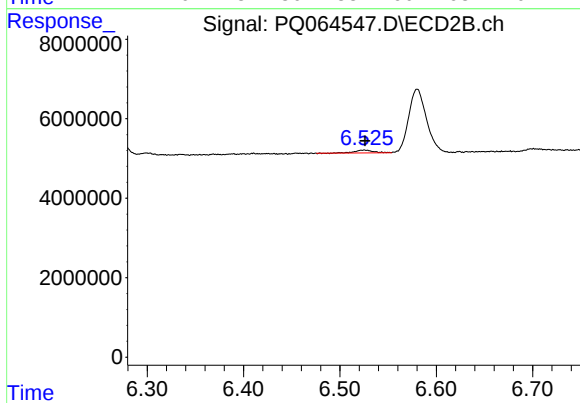
#37 AR-1262-2

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 6821494
Conc: 26.78 ng/ml



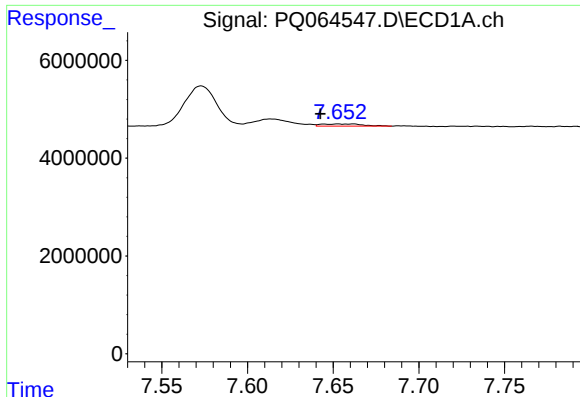
#38 AR-1262-3

R.T.: 7.573 min
Delta R.T.: 0.006 min
Response: 10731825
Conc: 39.68 ng/ml



#38 AR-1262-3

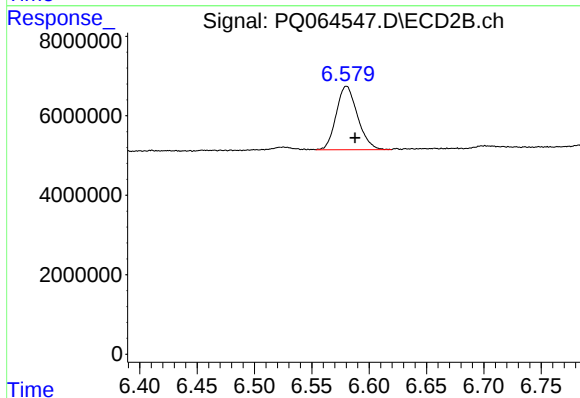
R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 967298
Conc: 4.30 ng/ml



#39 AR-1262-4

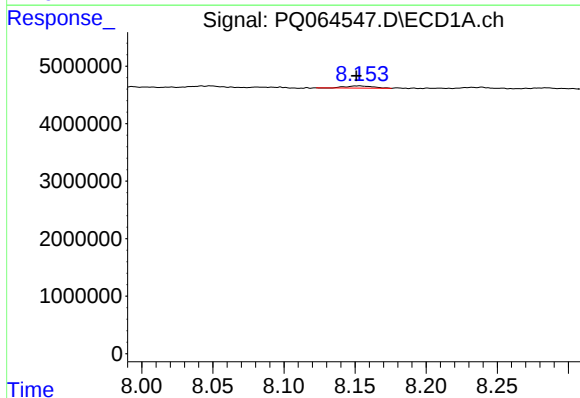
R.T.: 7.653 min
Delta R.T.: 0.010 min
Response: 720989
Conc: 3.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



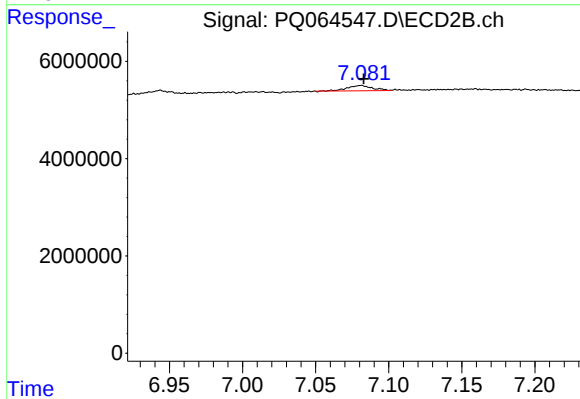
#39 AR-1262-4

R.T.: 6.580 min
Delta R.T.: -0.008 min
Response: 20663720
Conc: 47.75 ng/ml



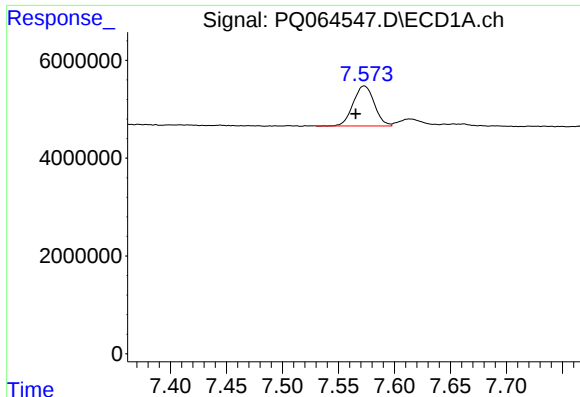
#40 AR-1262-5

R.T.: 8.153 min
Delta R.T.: 0.002 min
Response: 520565
Conc: 3.82 ng/ml



#40 AR-1262-5

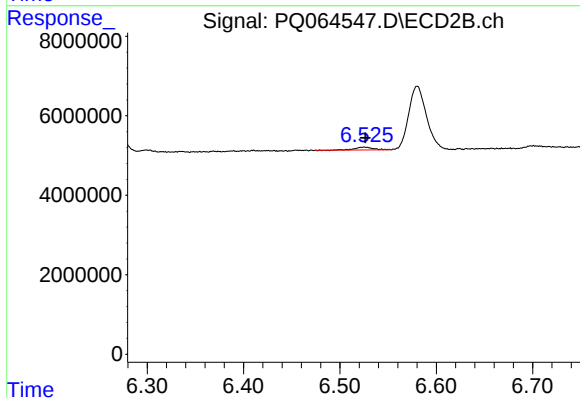
R.T.: 7.081 min
Delta R.T.: -0.002 min
Response: 1332144
Conc: 5.07 ng/ml



#41 AR-1268-1

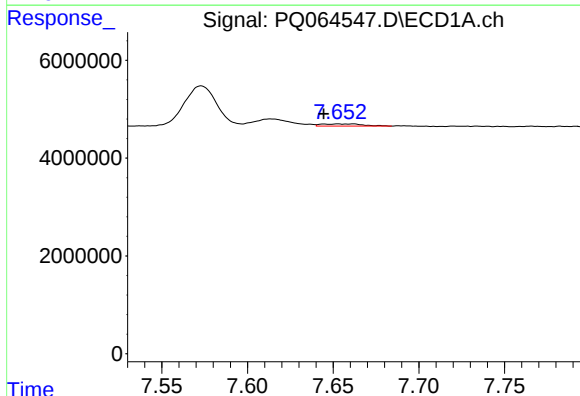
R.T.: 7.573 min
Delta R.T.: 0.008 min
Response: 10731825
Conc: 22.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



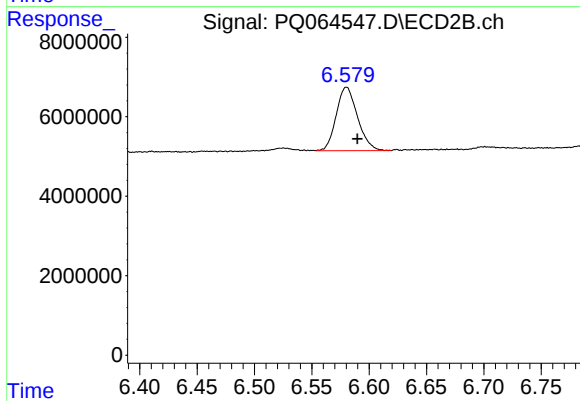
#41 AR-1268-1

R.T.: 6.525 min
Delta R.T.: -0.001 min
Response: 967298
Conc: 1.47 ng/ml



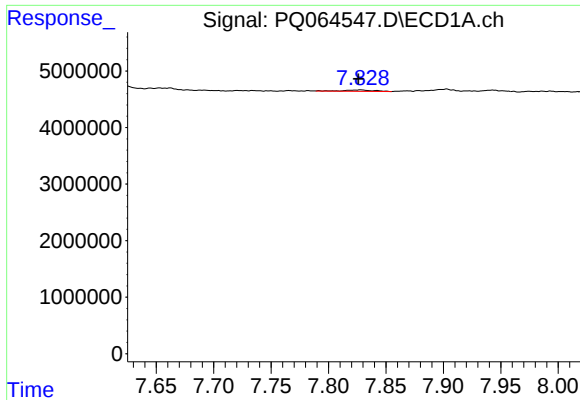
#42 AR-1268-2

R.T.: 7.653 min
Delta R.T.: 0.008 min
Response: 720989
Conc: 1.66 ng/ml



#42 AR-1268-2

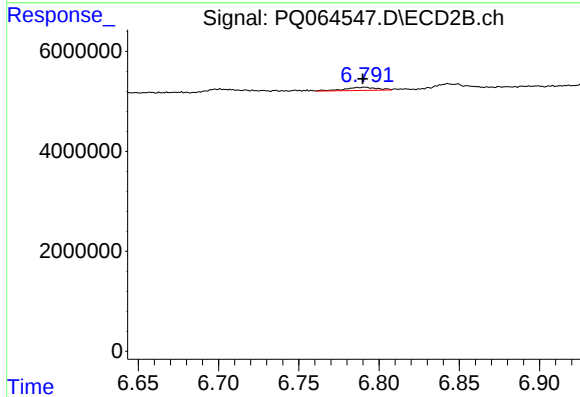
R.T.: 6.580 min
Delta R.T.: -0.010 min
Response: 20663720
Conc: 33.28 ng/ml



#43 AR-1268-3

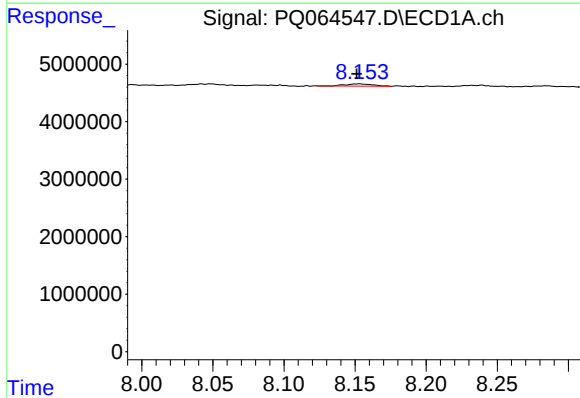
R.T.: 7.828 min
Delta R.T.: 0.002 min
Response: 449531
Conc: 1.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



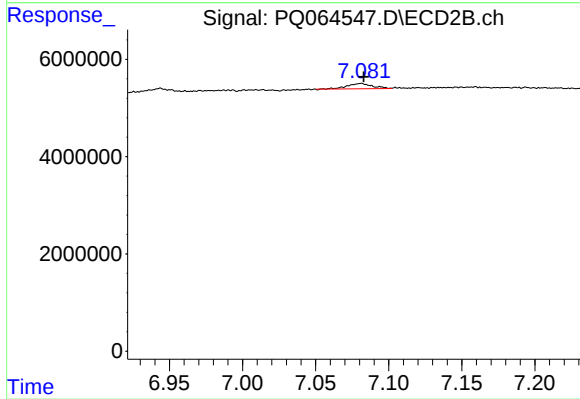
#43 AR-1268-3

R.T.: 6.791 min
Delta R.T.: 0.001 min
Response: 847990
Conc: 1.32 ng/ml



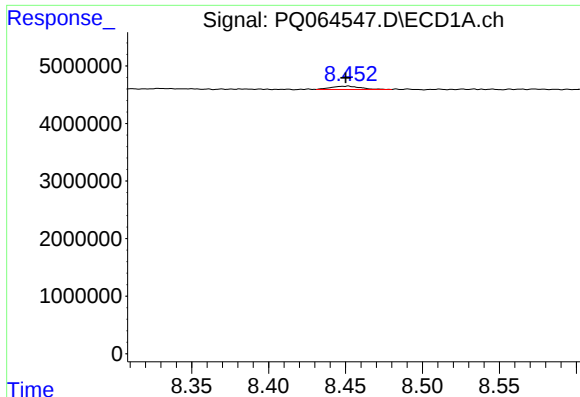
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.002 min
Response: 520565
Conc: 3.40 ng/ml



#44 AR-1268-4

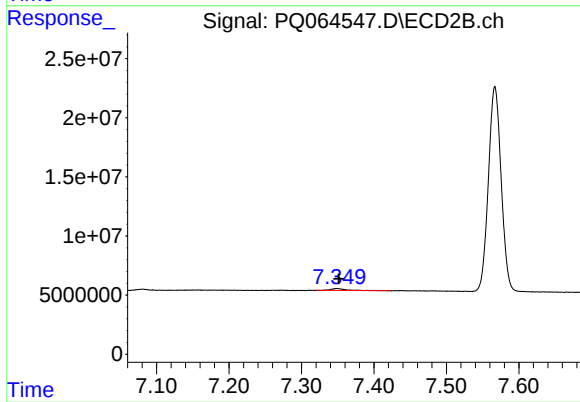
R.T.: 7.081 min
Delta R.T.: -0.002 min
Response: 1332144
Conc: 4.43 ng/ml



#45 AR-1268-5

R.T.: 8.451 min
Delta R.T.: 0.001 min
Response: 732977
Conc: 0.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.349 min
Delta R.T.: -0.002 min
Response: 2701894
Conc: 1.43 ng/ml