

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060620\
 Data File : PQ048165.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2020 22:56
 Operator : AJ\MA
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1242339

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 05:34:46 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051820CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue May 19 03:16:23 2020
 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...	5.306	4.293	145.5E6	69626759	18.617	22.089
2)	SA Decachlor...	11.589	9.665	132.5E6	144.6E6	19.038	45.001 #
Target Compounds							
3)	L1 AR-1016-1	6.662	5.559	116.1E6	40752188	428.779	338.915
4)	L1 AR-1016-2	6.662	5.580	116.1E6	56512924	307.016	344.760
5)	L1 AR-1016-3	6.728	5.773	73114743	28621188	311.644	328.272
6)	L1 AR-1016-4	6.837	5.822	60251924	23179424	308.961	316.547
7)	L1 AR-1016-5	7.196	6.054	25388791	30021257	132.602	325.961 #
8)	L2 AR-1221-1	5.550	4.550	8970070	4032136	79.100	83.016
9)	L2 AR-1221-2	5.658	4.651	11496964	5356957	141.200	150.064
10)	L2 AR-1221-3	5.745	4.741	46068226	21869090	169.310	186.327
11)	L3 AR-1232-1	5.745	4.741	46068226	21869090	231.917	254.992
12)	L3 AR-1232-2	6.340	5.580	60843720	56512924	534.225	901.650 #
13)	L3 AR-1232-3	6.662	5.773	116.1E6	28621188	594.754	619.543
14)	L3 AR-1232-4	6.837	5.868	60251924	29317768	612.929	696.143
15)	L3 AR-1232-5	6.980	6.054	53563630	30021257	678.761	668.780
16)	L4 AR-1242-1	6.662	5.559	116.1E6	40752188	531.264	415.427
17)	L4 AR-1242-2	6.662	5.580	116.1E6	56512924	382.923	427.956
18)	L4 AR-1242-3	6.728	5.773	73114743	28621188	386.529	403.129
19)	L4 AR-1242-4	6.837	5.868	60251924	29317768	383.904	407.654
20)	L4 AR-1242-5	7.622	6.434	62934790	39443768	364.510	417.731
21)	L5 AR-1248-1	6.662	5.559	116.1E6	40752188	686.407	534.143
22)	L5 AR-1248-2	6.931	5.822	51077646	23179424	227.577	230.735
23)	L5 AR-1248-3	7.152	5.868	59199476	29317768	236.336	287.834
24)	L5 AR-1248-4	7.622	6.054	62934790	30021257	220.803	255.677
25)	L5 AR-1248-5	7.622	6.478	62934790	33538674	230.620	270.568
26)	L6 AR-1254-1	7.582	6.434	60568285	39443768	211.388	202.245
27)	L6 AR-1254-2	7.790	6.592	53740394	10703950	121.084	62.281 #
28)	L6 AR-1254-3	8.167	7.015	22093762	13764490	46.070	48.317
29)	L6 AR-1254-4	8.462	7.253	17514609	10782522	47.557	57.991
30)	L6 AR-1254-5	8.924	7.684	490400	3752960	1.220	14.680 #
31)	L7 AR-1260-1	8.334	7.165	2235015	5705052	6.598	32.469 #
32)	L7 AR-1260-2	8.649	7.346	1738048	2627175	4.200	12.056 #
33)	L7 AR-1260-3	0.000	7.503	0	2252583	N.D.	11.323 #
34)	L7 AR-1260-4	9.211	7.990	2448925	231808	6.400	1.339 #
35)	L7 AR-1260-5	0.000	8.264	0	322915	N.D.	0.757 #
36)	L8 AR-1262-1	0.000	7.684	0	3752960	N.D.	26.446 #
37)	L8 AR-1262-2	0.000	8.233	0	399546	N.D.	0.775 #
38)	L8 AR-1262-3	0.000	8.545	0	276695	N.D.	1.351 #
39)	L8 AR-1262-4	0.000	8.583	0	550392	N.D.	1.446 #
40)	L8 AR-1262-5	0.000	9.150	0	45834	N.D.	0.250 #
41)	L9 AR-1268-1	0.000	8.545	0	276695	N.D.	0.476 #
42)	L9 AR-1268-2	0.000	8.583	0	550392	N.D.	1.030 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060620\
 Data File : PQ048165.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2020 22:56
 Operator : AJ\MA
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

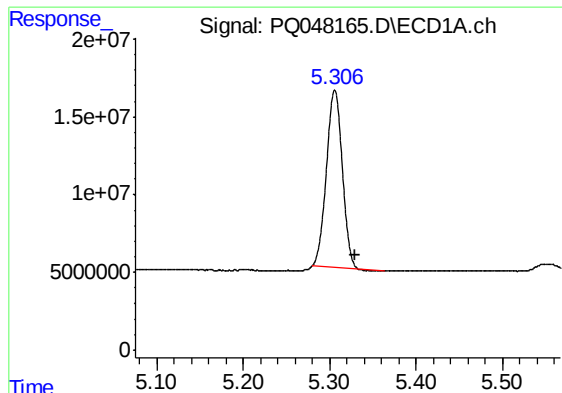
Instrument :
 ECD_Q
 ClientSampleId :
 AR1242339

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 05:34:46 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051820CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	10.269	8.801	3035905	1310886	3.587	2.972
44) L9	AR-1268-4	0.000	9.150	0	45834	N.D.	0.232 #
45) L9	AR-1268-5	11.217	9.397	2606326	1075037	0.900	0.731

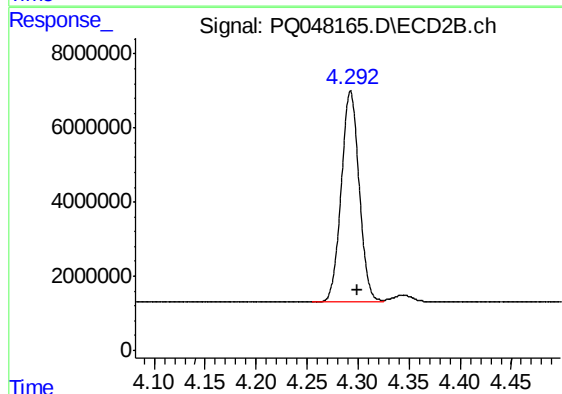
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

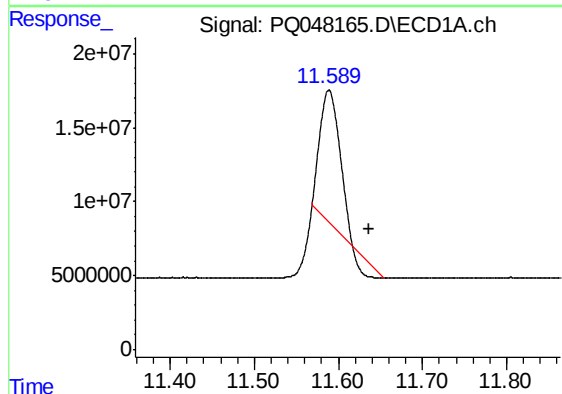
R.T.: 5.306 min
Delta R.T.: -0.023 min
Response: 145473996
Conc: 18.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242339



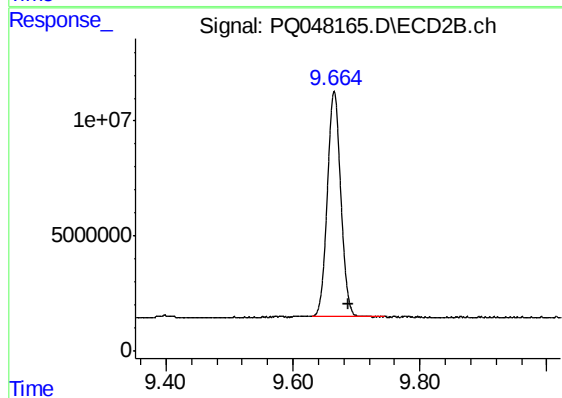
#1 Tetrachloro-m-xylene

R.T.: 4.293 min
Delta R.T.: -0.007 min
Response: 69626759
Conc: 22.09 ng/ml



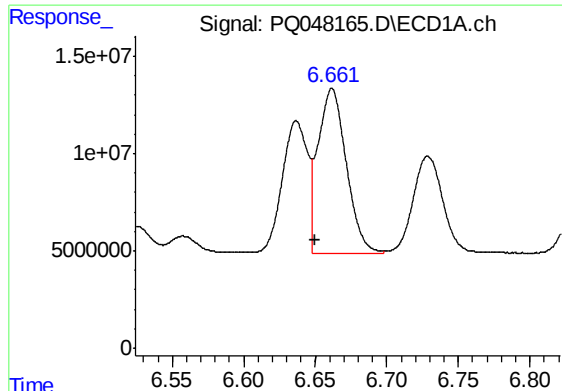
#2 Decachlorobiphenyl

R.T.: 11.589 min
Delta R.T.: -0.048 min
Response: 132535284
Conc: 19.04 ng/ml



#2 Decachlorobiphenyl

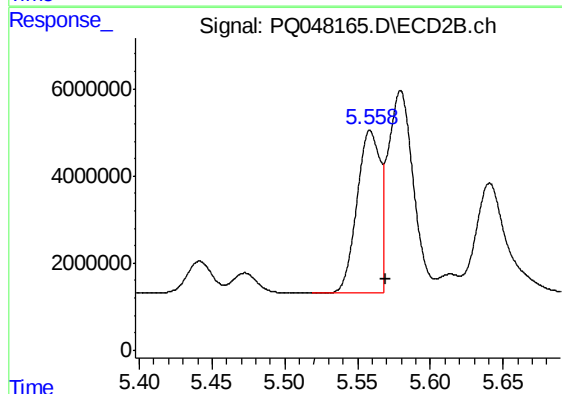
R.T.: 9.665 min
Delta R.T.: -0.022 min
Response: 144606218
Conc: 45.00 ng/ml



#3 AR-1016-1

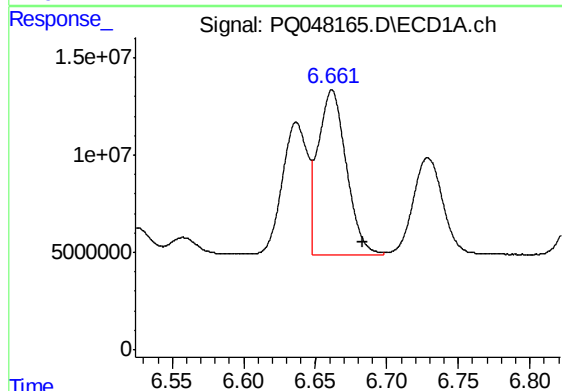
R.T.: 6.662 min
Delta R.T.: 0.012 min
Response: 116119391
Conc: 428.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242339



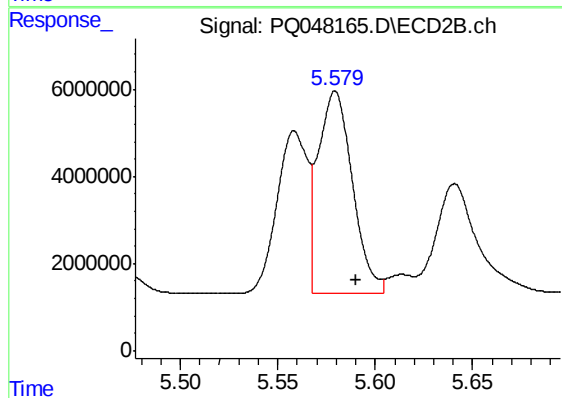
#3 AR-1016-1

R.T.: 5.559 min
Delta R.T.: -0.010 min
Response: 40752188
Conc: 338.92 ng/ml



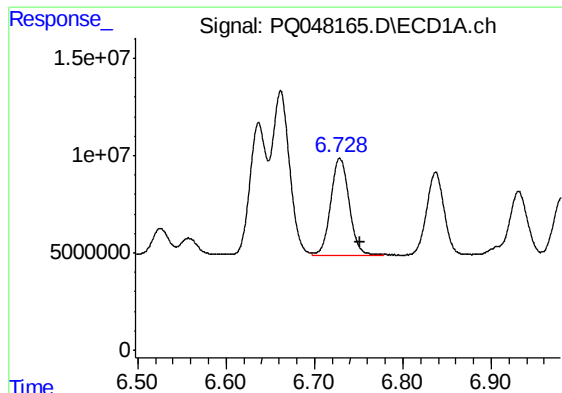
#4 AR-1016-2

R.T.: 6.662 min
Delta R.T.: -0.022 min
Response: 116119391
Conc: 307.02 ng/ml



#4 AR-1016-2

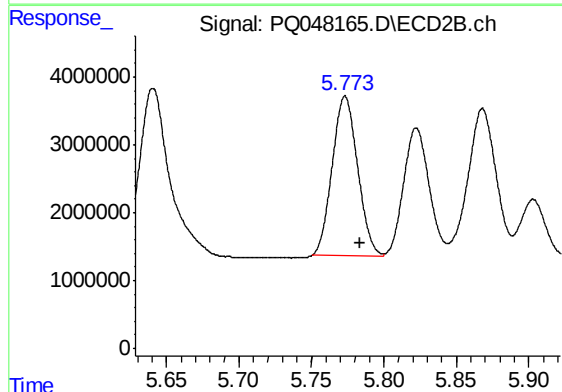
R.T.: 5.580 min
Delta R.T.: -0.011 min
Response: 56512924
Conc: 344.76 ng/ml



#5 AR-1016-3

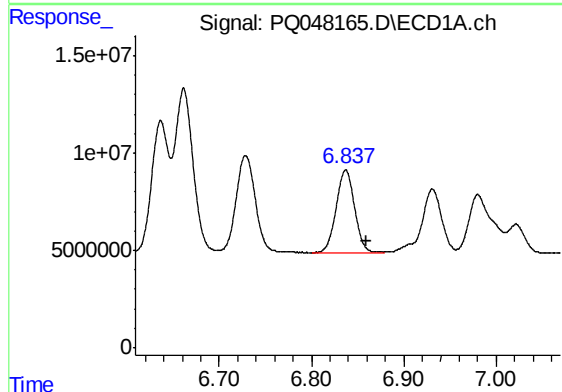
R.T.: 6.728 min
Delta R.T.: -0.023 min
Response: 73114743
Conc: 311.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242339



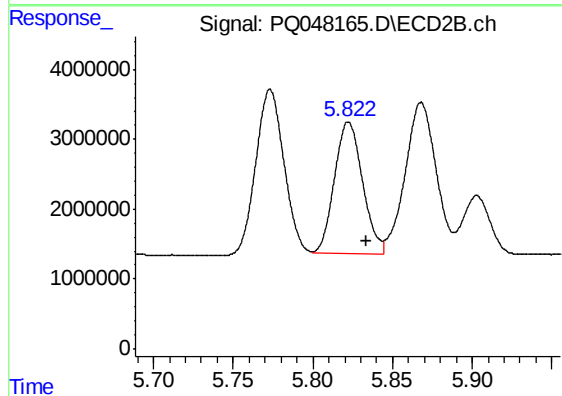
#5 AR-1016-3

R.T.: 5.773 min
Delta R.T.: -0.010 min
Response: 28621188
Conc: 328.27 ng/ml



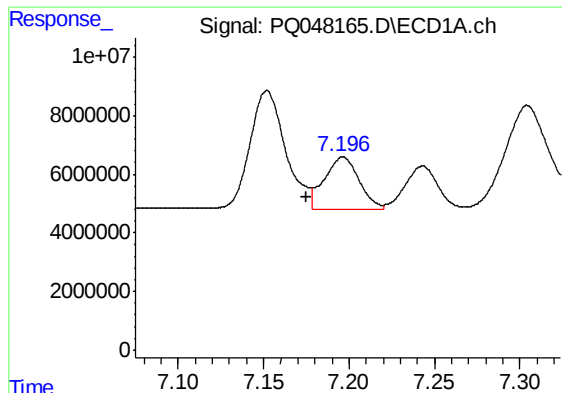
#6 AR-1016-4

R.T.: 6.837 min
Delta R.T.: -0.023 min
Response: 60251924
Conc: 308.96 ng/ml



#6 AR-1016-4

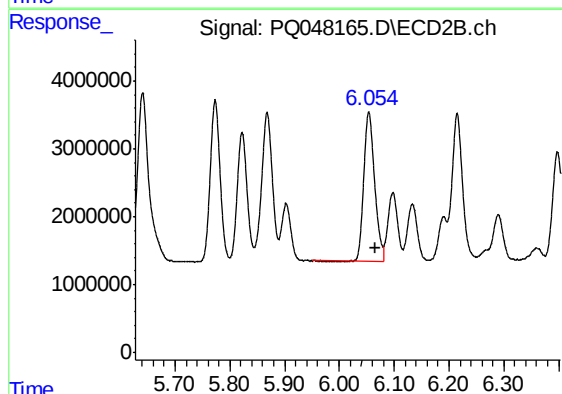
R.T.: 5.822 min
Delta R.T.: -0.011 min
Response: 23179424
Conc: 316.55 ng/ml



#7 AR-1016-5

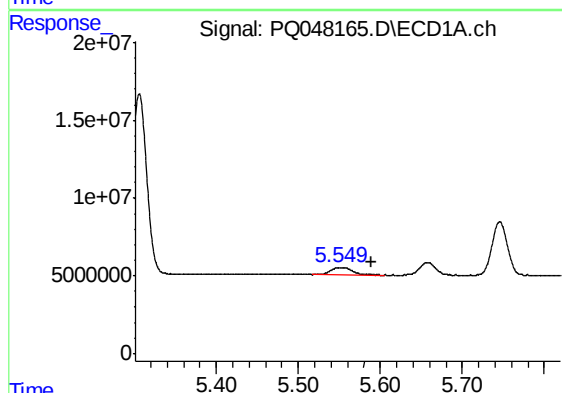
R.T.: 7.196 min
Delta R.T.: 0.021 min
Response: 25388791
Conc: 132.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242339



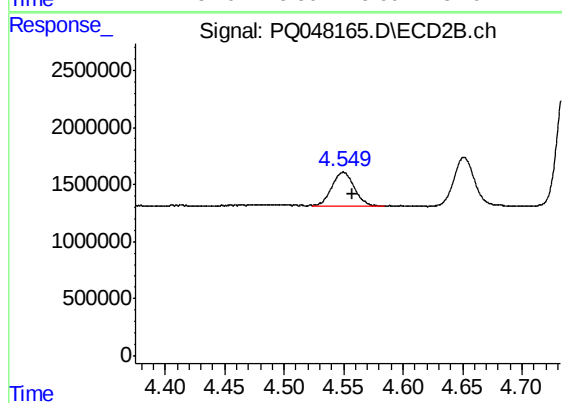
#7 AR-1016-5

R.T.: 6.054 min
Delta R.T.: -0.012 min
Response: 30021257
Conc: 325.96 ng/ml



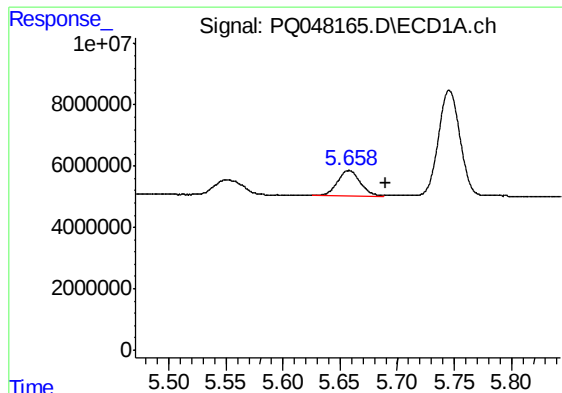
#8 AR-1221-1

R.T.: 5.550 min
Delta R.T.: -0.040 min
Response: 8970070
Conc: 79.10 ng/ml



#8 AR-1221-1

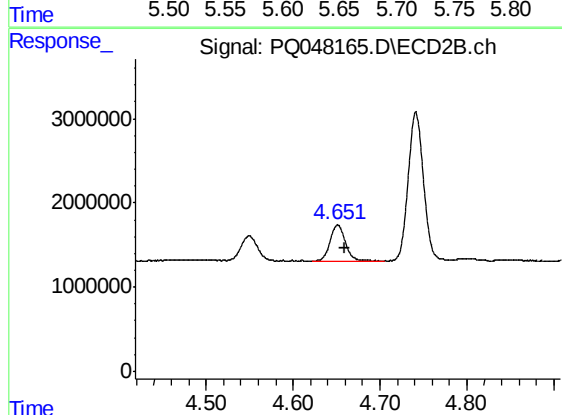
R.T.: 4.550 min
Delta R.T.: -0.008 min
Response: 4032136
Conc: 83.02 ng/ml



#9 AR-1221-2

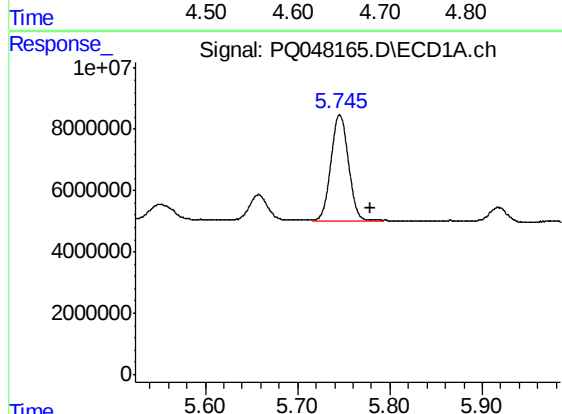
R.T.: 5.658 min
Delta R.T.: -0.032 min
Response: 11496964
Conc: 141.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242339



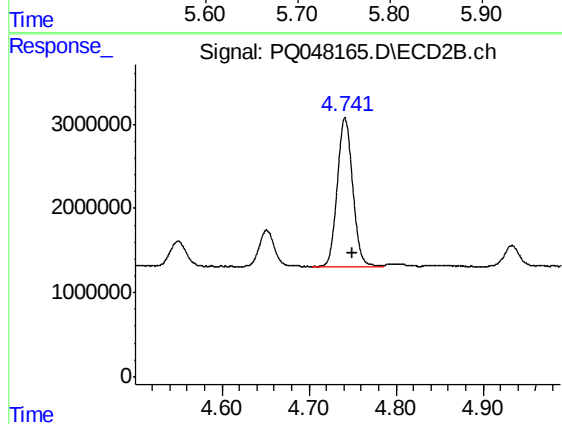
#9 AR-1221-2

R.T.: 4.651 min
Delta R.T.: -0.008 min
Response: 5356957
Conc: 150.06 ng/ml



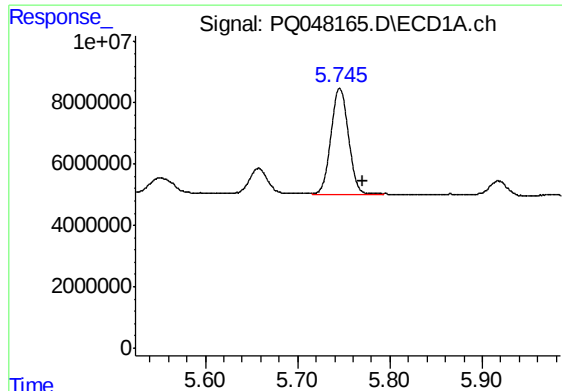
#10 AR-1221-3

R.T.: 5.745 min
Delta R.T.: -0.033 min
Response: 46068226
Conc: 169.31 ng/ml



#10 AR-1221-3

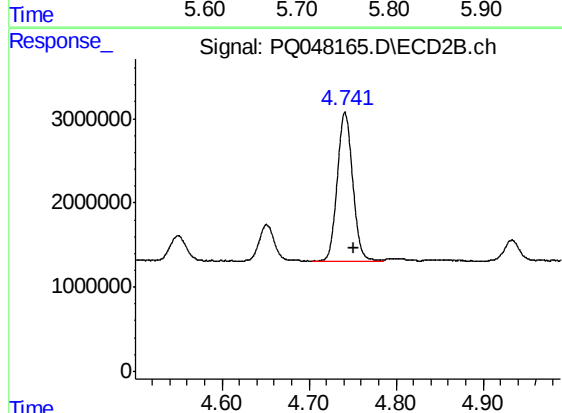
R.T.: 4.741 min
Delta R.T.: -0.008 min
Response: 21869090
Conc: 186.33 ng/ml



#11 AR-1232-1

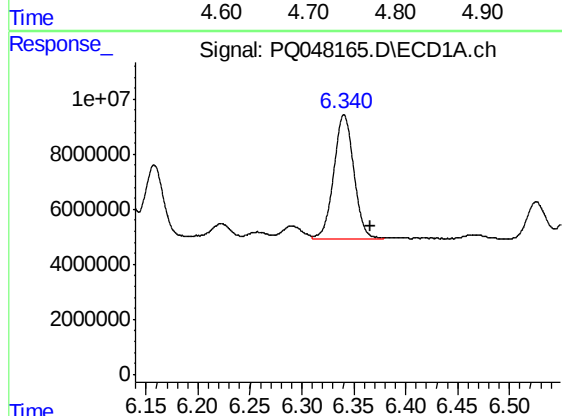
R.T.: 5.745 min
Delta R.T.: -0.025 min
Response: 46068226
Conc: 231.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242339



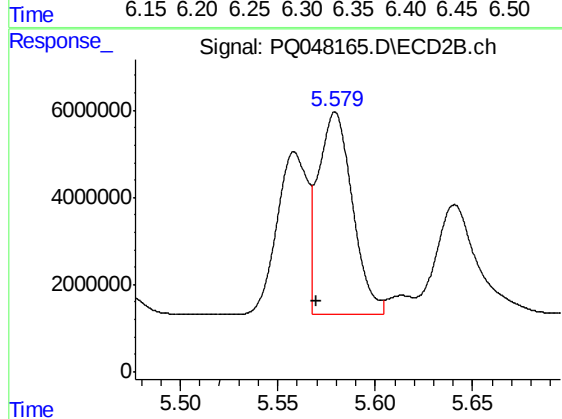
#11 AR-1232-1

R.T.: 4.741 min
Delta R.T.: -0.010 min
Response: 21869090
Conc: 254.99 ng/ml



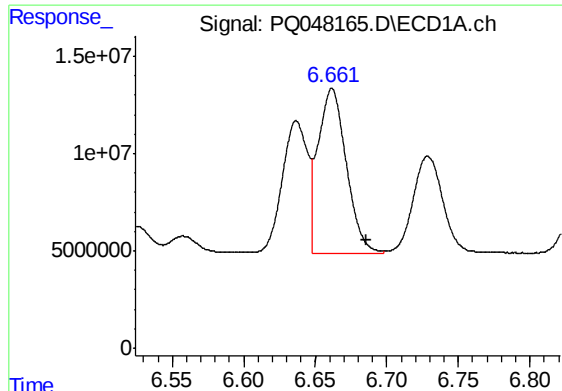
#12 AR-1232-2

R.T.: 6.340 min
Delta R.T.: -0.025 min
Response: 60843720
Conc: 534.22 ng/ml



#12 AR-1232-2

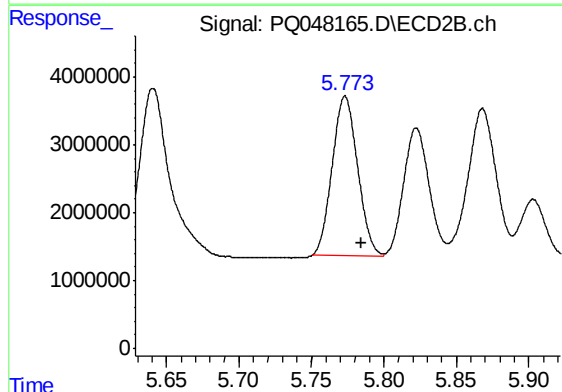
R.T.: 5.580 min
Delta R.T.: 0.010 min
Response: 56512924
Conc: 901.65 ng/ml



#13 AR-1232-3

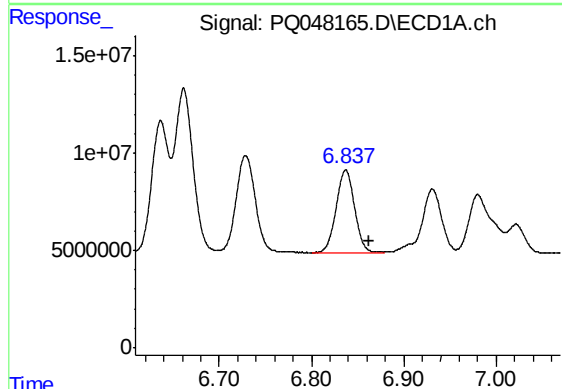
R.T.: 6.662 min
Delta R.T.: -0.024 min
Response: 116119391
Conc: 594.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242339



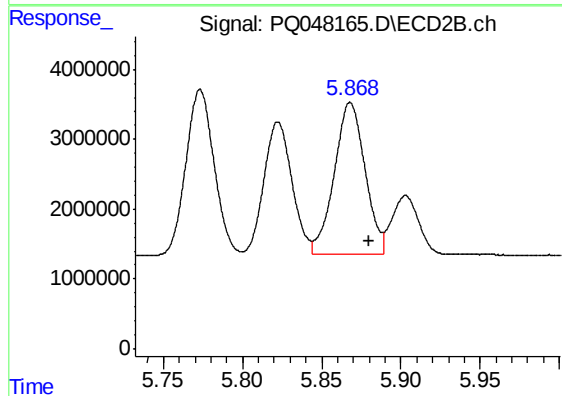
#13 AR-1232-3

R.T.: 5.773 min
Delta R.T.: -0.011 min
Response: 28621188
Conc: 619.54 ng/ml



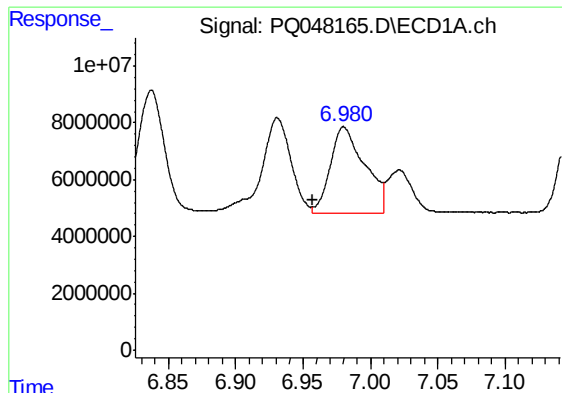
#14 AR-1232-4

R.T.: 6.837 min
Delta R.T.: -0.025 min
Response: 60251924
Conc: 612.93 ng/ml



#14 AR-1232-4

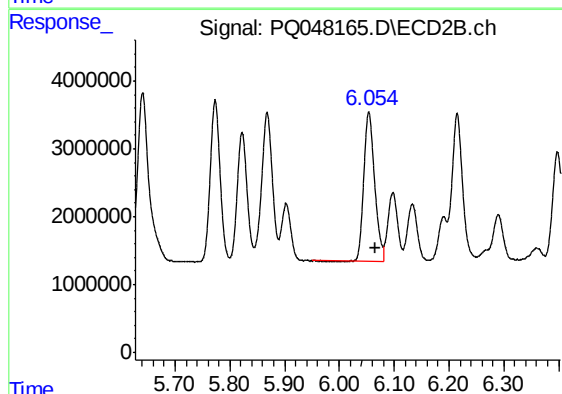
R.T.: 5.868 min
Delta R.T.: -0.012 min
Response: 29317768
Conc: 696.14 ng/ml



#15 AR-1232-5

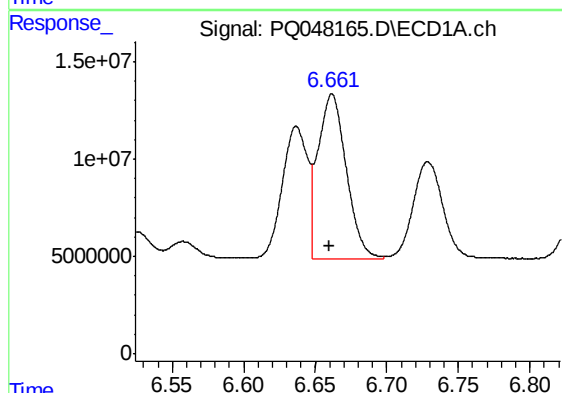
R.T.: 6.980 min
Delta R.T.: 0.023 min
Response: 53563630
Conc: 678.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242339



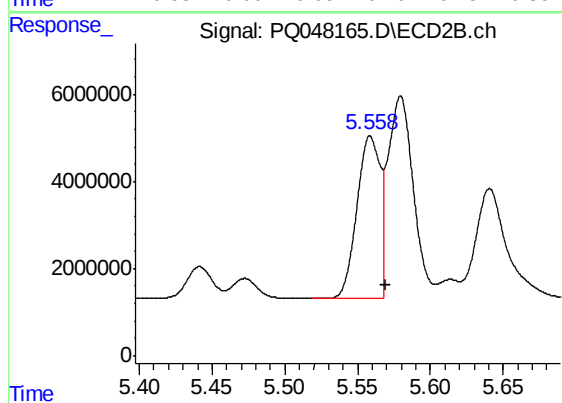
#15 AR-1232-5

R.T.: 6.054 min
Delta R.T.: -0.013 min
Response: 30021257
Conc: 668.78 ng/ml



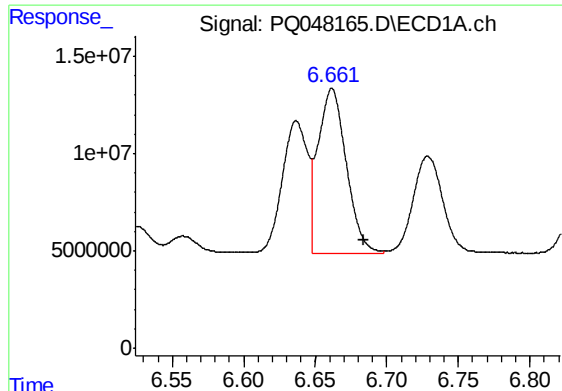
#16 AR-1242-1

R.T.: 6.662 min
Delta R.T.: 0.001 min
Response: 116119391
Conc: 531.26 ng/ml



#16 AR-1242-1

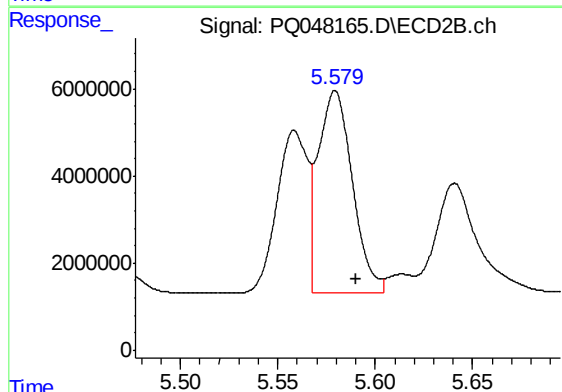
R.T.: 5.559 min
Delta R.T.: -0.010 min
Response: 40752188
Conc: 415.43 ng/ml



#17 AR-1242-2

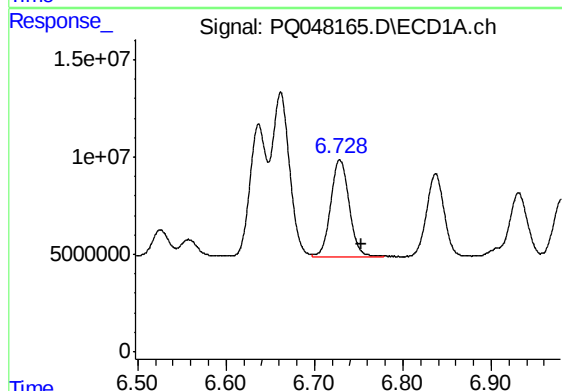
R.T.: 6.662 min
Delta R.T.: -0.022 min
Response: 116119391
Conc: 382.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242339



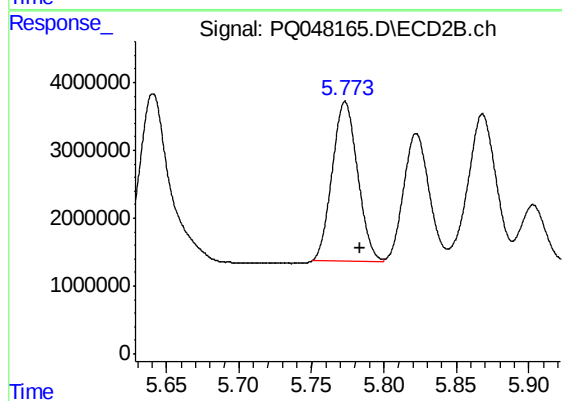
#17 AR-1242-2

R.T.: 5.580 min
Delta R.T.: -0.011 min
Response: 56512924
Conc: 427.96 ng/ml



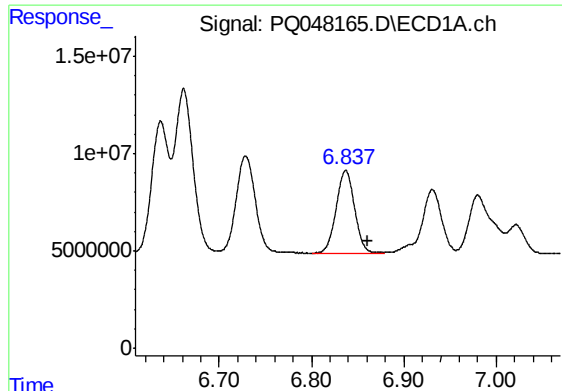
#18 AR-1242-3

R.T.: 6.728 min
Delta R.T.: -0.024 min
Response: 73114743
Conc: 386.53 ng/ml



#18 AR-1242-3

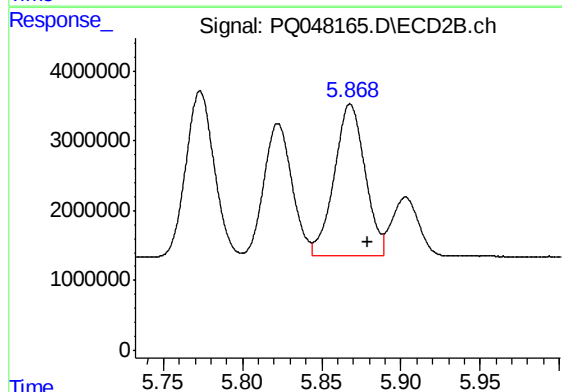
R.T.: 5.773 min
Delta R.T.: -0.010 min
Response: 28621188
Conc: 403.13 ng/ml



#19 AR-1242-4

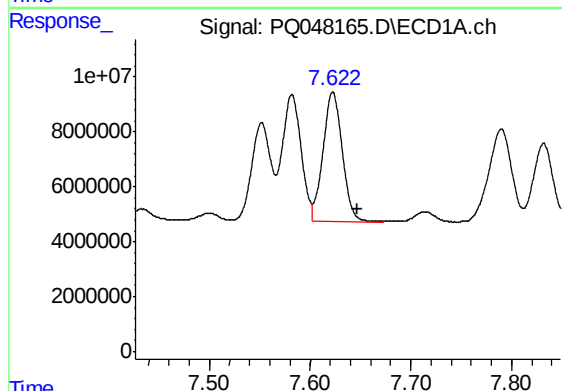
R.T.: 6.837 min
Delta R.T.: -0.023 min
Response: 60251924
Conc: 383.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242339



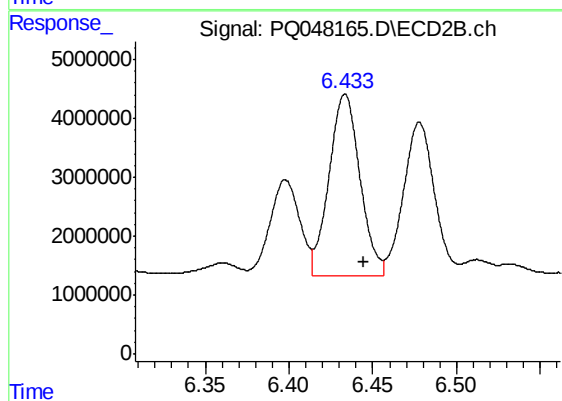
#19 AR-1242-4

R.T.: 5.868 min
Delta R.T.: -0.011 min
Response: 29317768
Conc: 407.65 ng/ml



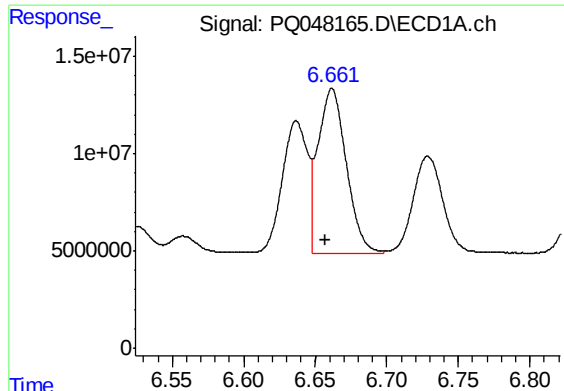
#20 AR-1242-5

R.T.: 7.622 min
Delta R.T.: -0.025 min
Response: 62934790
Conc: 364.51 ng/ml



#20 AR-1242-5

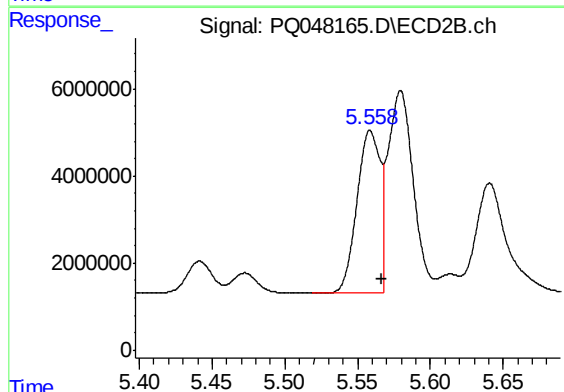
R.T.: 6.434 min
Delta R.T.: -0.011 min
Response: 39443768
Conc: 417.73 ng/ml



#21 AR-1248-1

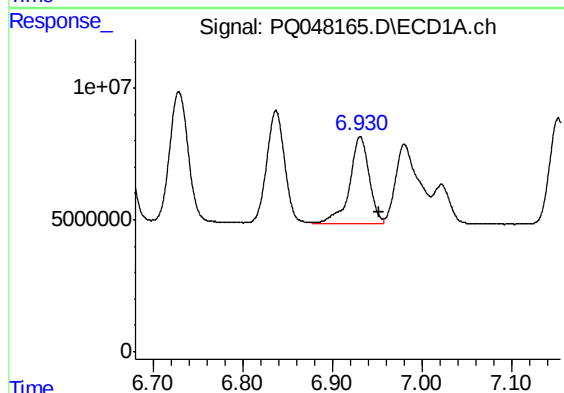
R.T.: 6.662 min
Delta R.T.: 0.005 min
Response: 116119391
Conc: 686.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242339



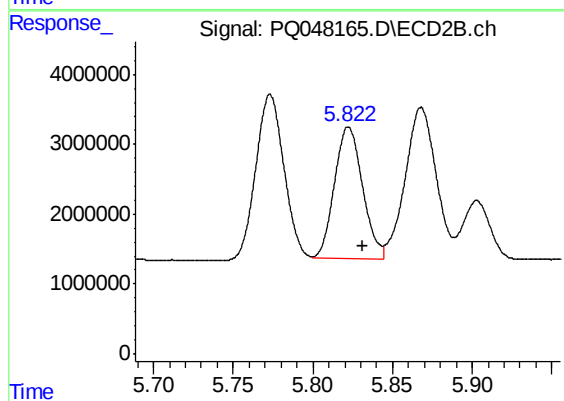
#21 AR-1248-1

R.T.: 5.559 min
Delta R.T.: -0.008 min
Response: 40752188
Conc: 534.14 ng/ml



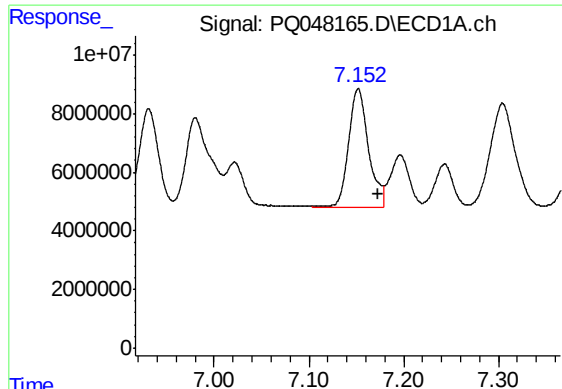
#22 AR-1248-2

R.T.: 6.931 min
Delta R.T.: -0.021 min
Response: 51077646
Conc: 227.58 ng/ml



#22 AR-1248-2

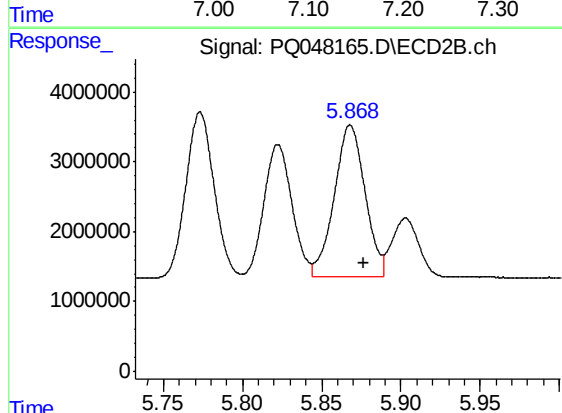
R.T.: 5.822 min
Delta R.T.: -0.009 min
Response: 23179424
Conc: 230.73 ng/ml



#23 AR-1248-3

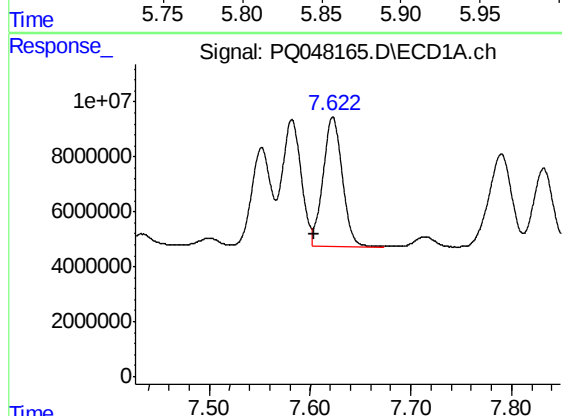
R.T.: 7.152 min
Delta R.T.: -0.021 min
Response: 59199476
Conc: 236.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242339



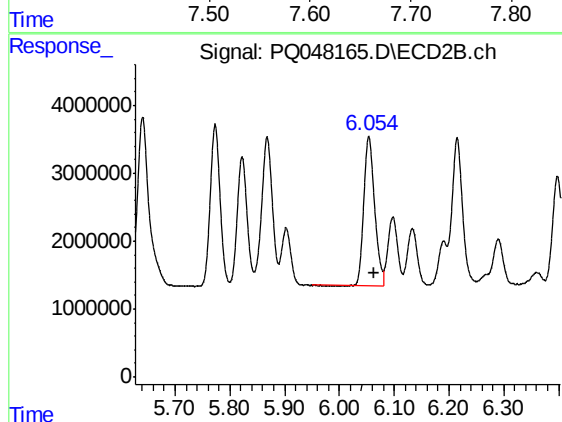
#23 AR-1248-3

R.T.: 5.868 min
Delta R.T.: -0.009 min
Response: 29317768
Conc: 287.83 ng/ml



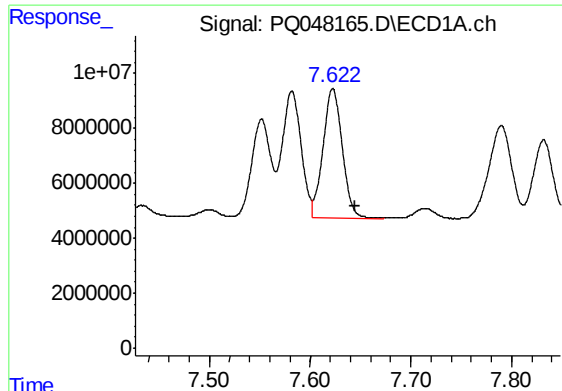
#24 AR-1248-4

R.T.: 7.622 min
Delta R.T.: 0.019 min
Response: 62934790
Conc: 220.80 ng/ml



#24 AR-1248-4

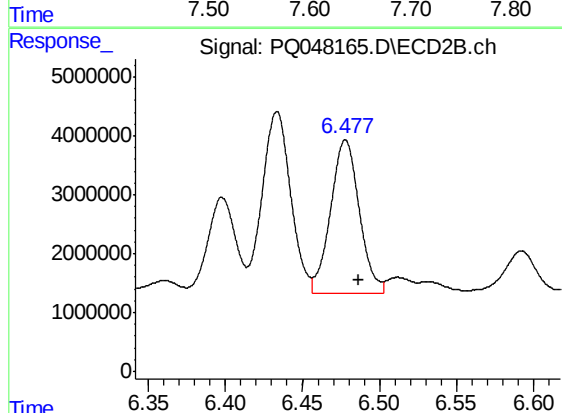
R.T.: 6.054 min
Delta R.T.: -0.009 min
Response: 30021257
Conc: 255.68 ng/ml



#25 AR-1248-5

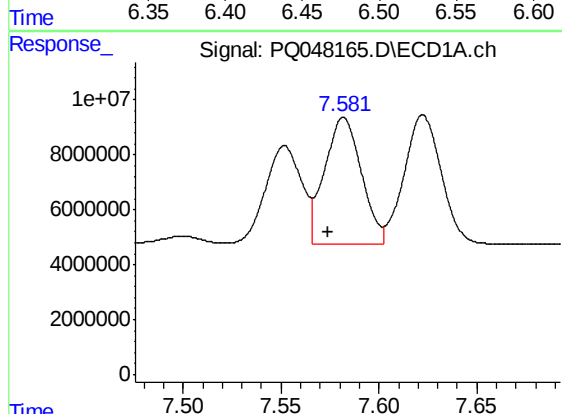
R.T.: 7.622 min
Delta R.T.: -0.022 min
Response: 62934790
Conc: 230.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242339



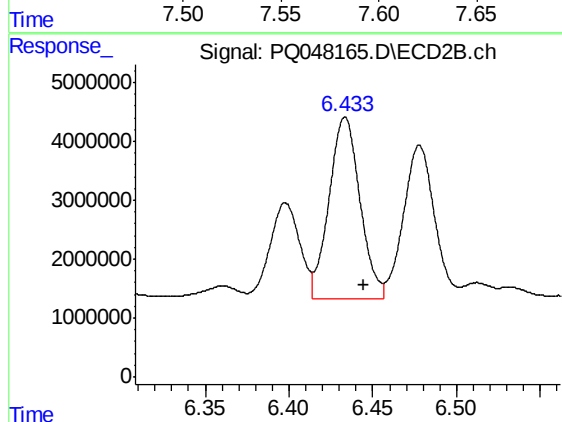
#25 AR-1248-5

R.T.: 6.478 min
Delta R.T.: -0.009 min
Response: 33538674
Conc: 270.57 ng/ml



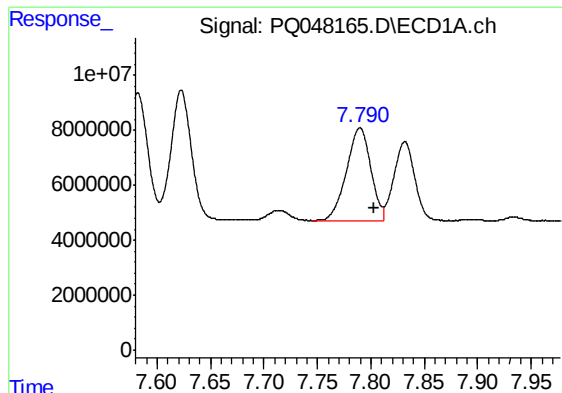
#26 AR-1254-1

R.T.: 7.582 min
Delta R.T.: 0.008 min
Response: 60568285
Conc: 211.39 ng/ml



#26 AR-1254-1

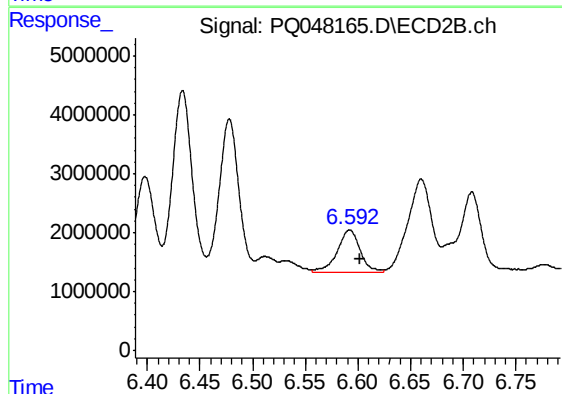
R.T.: 6.434 min
Delta R.T.: -0.011 min
Response: 39443768
Conc: 202.25 ng/ml



#27 AR-1254-2

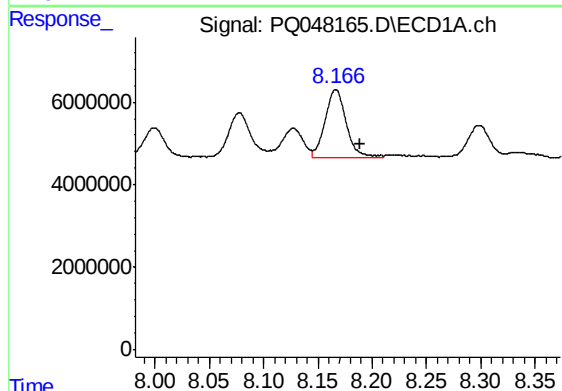
R.T.: 7.790 min
Delta R.T.: -0.014 min
Response: 53740394
Conc: 121.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242339



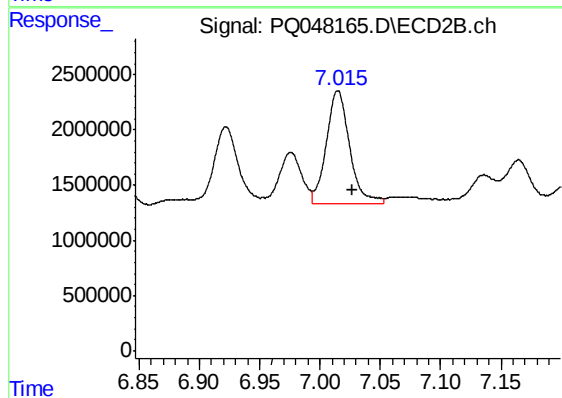
#27 AR-1254-2

R.T.: 6.592 min
Delta R.T.: -0.010 min
Response: 10703950
Conc: 62.28 ng/ml



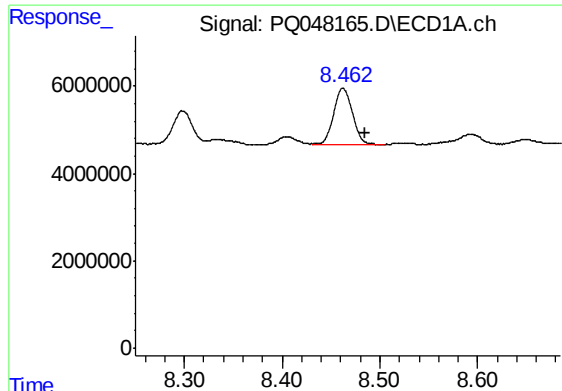
#28 AR-1254-3

R.T.: 8.167 min
Delta R.T.: -0.022 min
Response: 22093762
Conc: 46.07 ng/ml



#28 AR-1254-3

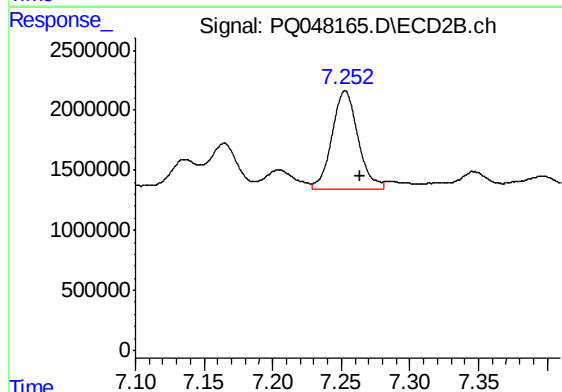
R.T.: 7.015 min
Delta R.T.: -0.012 min
Response: 13764490
Conc: 48.32 ng/ml



#29 AR-1254-4

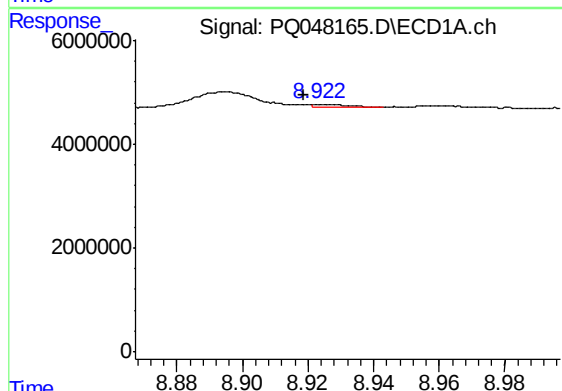
R.T.: 8.462 min
Delta R.T.: -0.023 min
Response: 17514609
Conc: 47.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242339



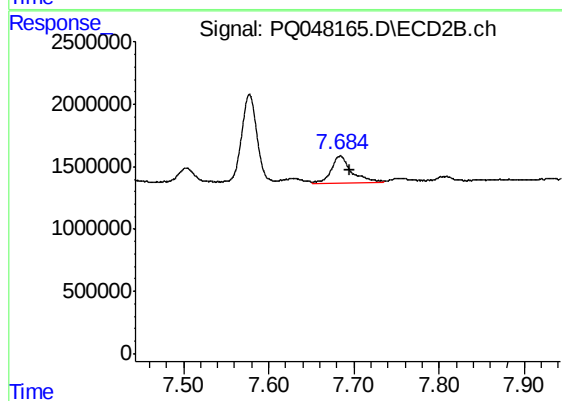
#29 AR-1254-4

R.T.: 7.253 min
Delta R.T.: -0.011 min
Response: 10782522
Conc: 57.99 ng/ml



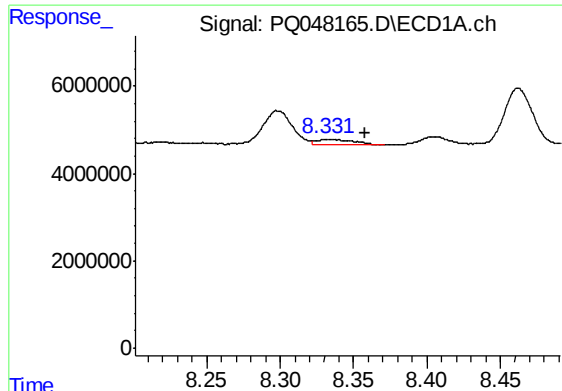
#30 AR-1254-5

R.T.: 8.924 min
Delta R.T.: 0.006 min
Response: 490400
Conc: 1.22 ng/ml



#30 AR-1254-5

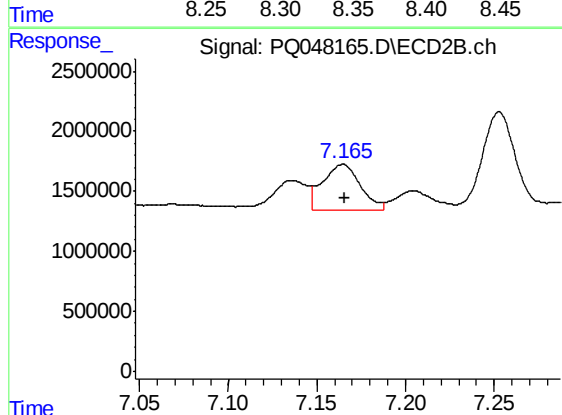
R.T.: 7.684 min
Delta R.T.: -0.011 min
Response: 3752960
Conc: 14.68 ng/ml



#31 AR-1260-1

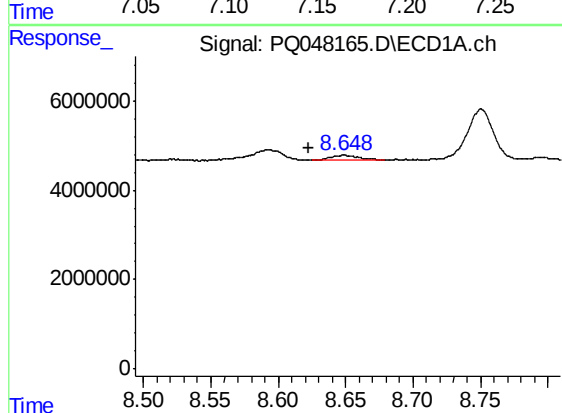
R.T.: 8.334 min
Delta R.T.: -0.024 min
Response: 2235015
Conc: 6.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242339



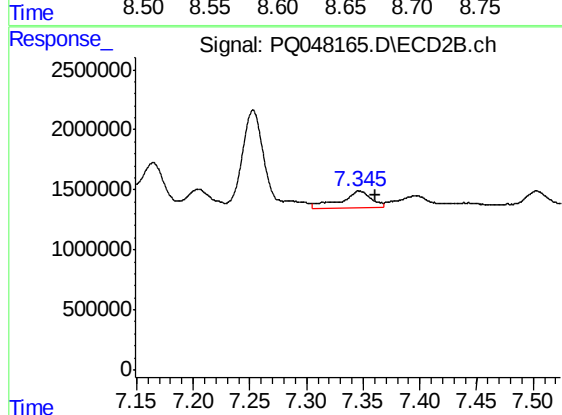
#31 AR-1260-1

R.T.: 7.165 min
Delta R.T.: 0.000 min
Response: 5705052
Conc: 32.47 ng/ml



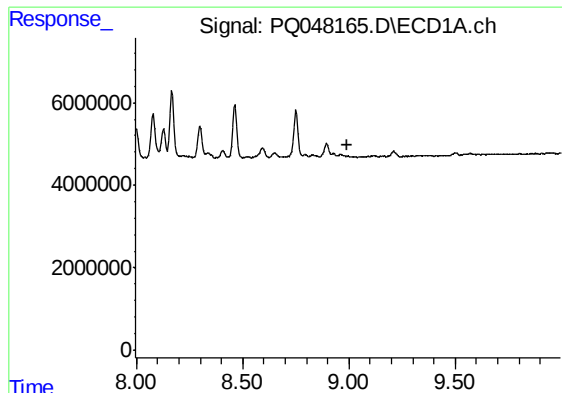
#32 AR-1260-2

R.T.: 8.649 min
Delta R.T.: 0.026 min
Response: 1738048
Conc: 4.20 ng/ml



#32 AR-1260-2

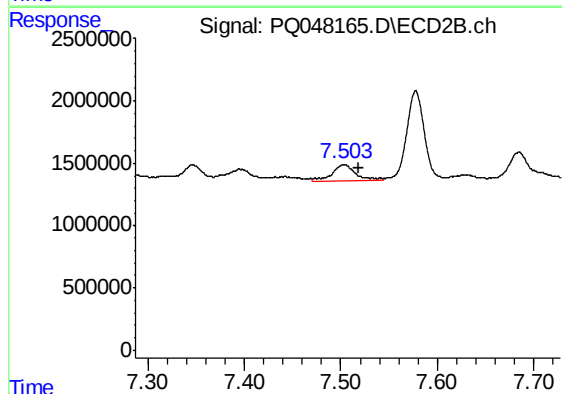
R.T.: 7.346 min
Delta R.T.: -0.014 min
Response: 2627175
Conc: 12.06 ng/ml



#33 AR-1260-3

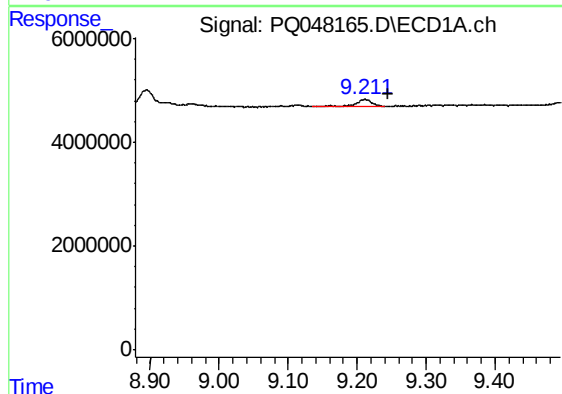
R.T.: 0.000 min
Exp R.T.: 8.995 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242339



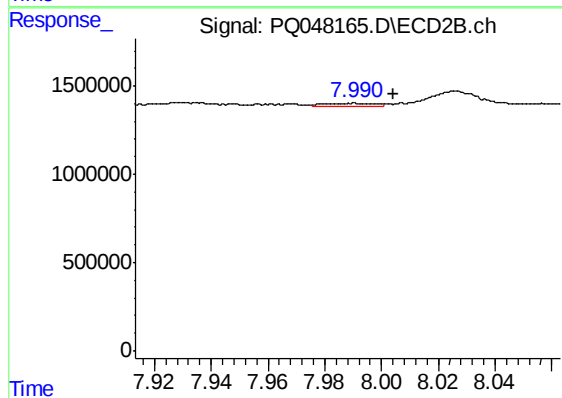
#33 AR-1260-3

R.T.: 7.503 min
Delta R.T.: -0.015 min
Response: 2252583
Conc: 11.32 ng/ml



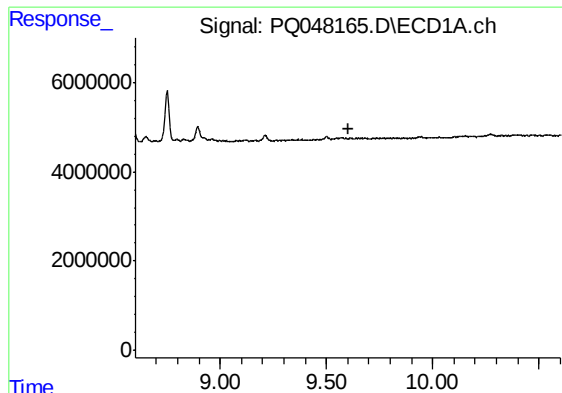
#34 AR-1260-4

R.T.: 9.211 min
Delta R.T.: -0.034 min
Response: 2448925
Conc: 6.40 ng/ml



#34 AR-1260-4

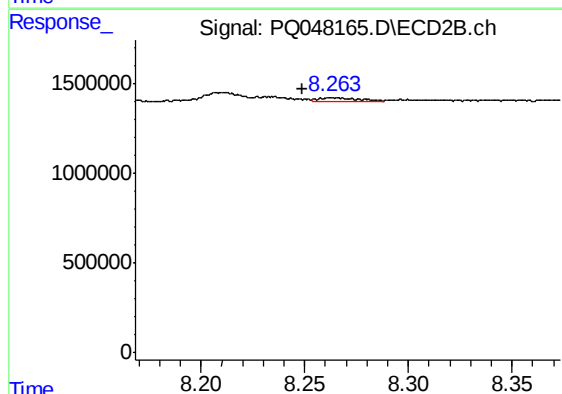
R.T.: 7.990 min
Delta R.T.: -0.014 min
Response: 231808
Conc: 1.34 ng/ml



#35 AR-1260-5

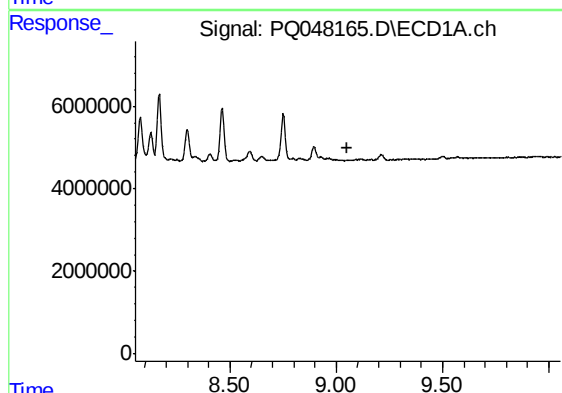
R.T.: 0.000 min
Exp R.T. : 9.601 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242339



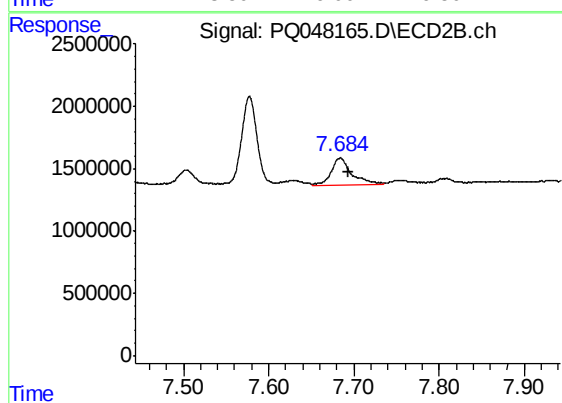
#35 AR-1260-5

R.T.: 8.264 min
Delta R.T.: 0.015 min
Response: 322915
Conc: 0.76 ng/ml



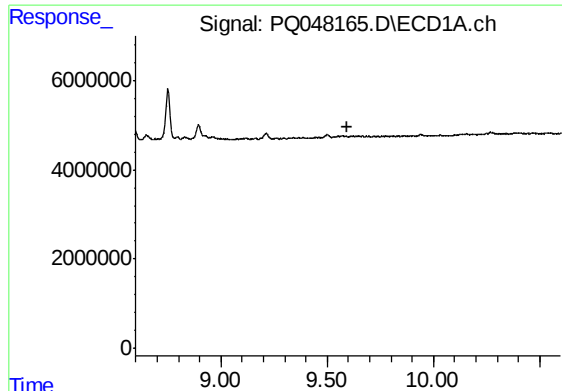
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 9.055 min
Response: 0
Conc: N.D.



#36 AR-1262-1

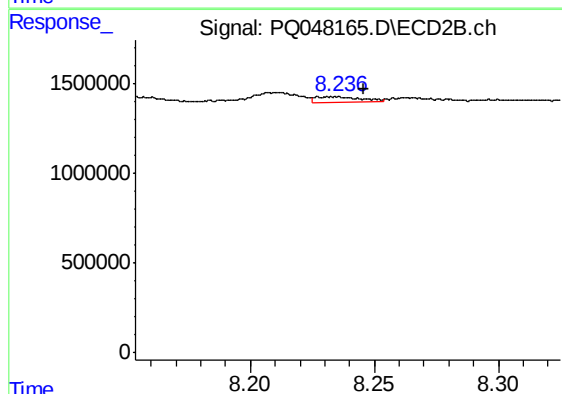
R.T.: 7.684 min
Delta R.T.: -0.010 min
Response: 3752960
Conc: 26.45 ng/ml



#37 AR-1262-2

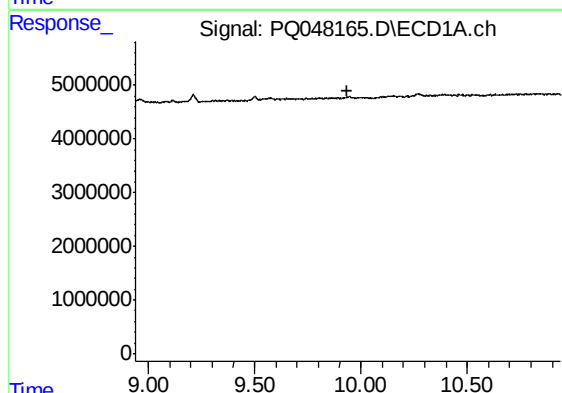
R.T.: 0.000 min
Exp R.T. : 9.597 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242339



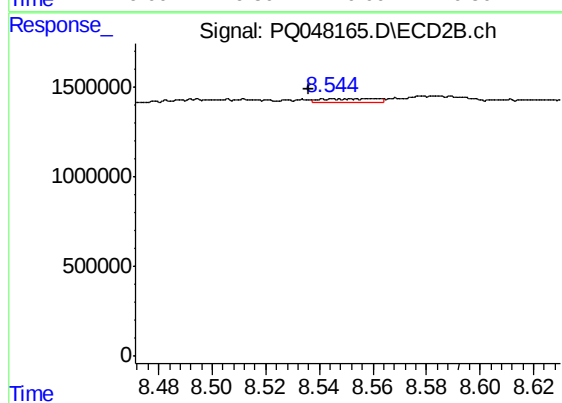
#37 AR-1262-2

R.T.: 8.233 min
Delta R.T.: -0.013 min
Response: 399546
Conc: 0.77 ng/ml



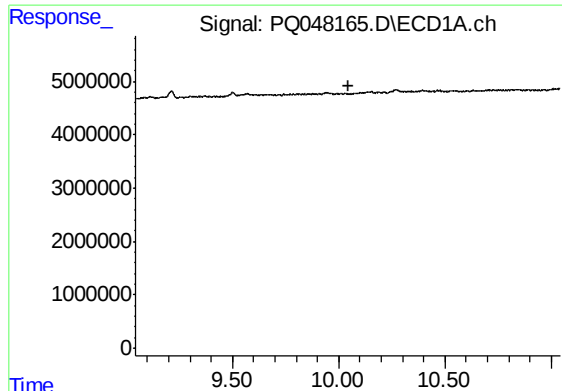
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.939 min
Response: 0
Conc: N.D.



#38 AR-1262-3

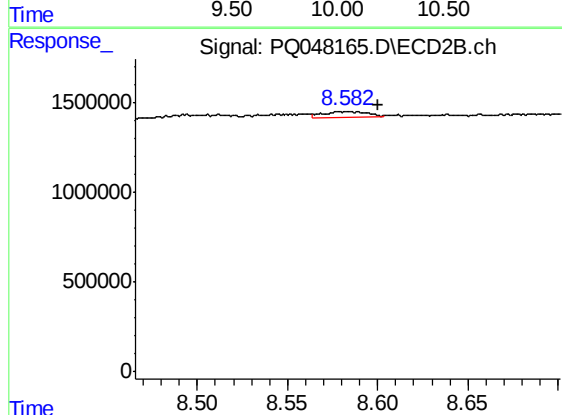
R.T.: 8.545 min
Delta R.T.: 0.009 min
Response: 276695
Conc: 1.35 ng/ml



#39 AR-1262-4

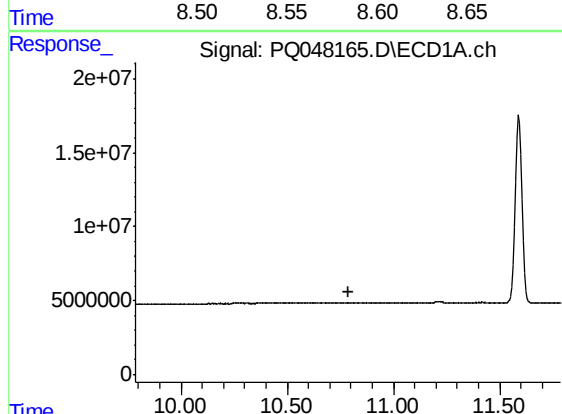
R.T.: 0.000 min
Exp R.T. : 10.043 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242339



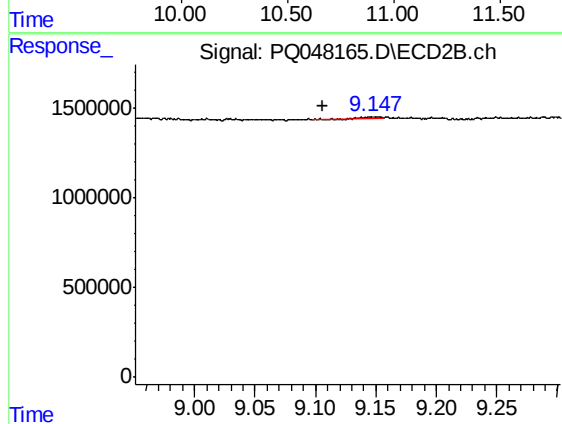
#39 AR-1262-4

R.T.: 8.583 min
Delta R.T.: -0.017 min
Response: 550392
Conc: 1.45 ng/ml



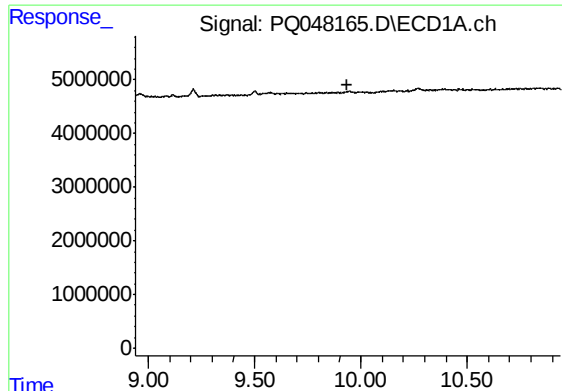
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.786 min
Response: 0
Conc: N.D.



#40 AR-1262-5

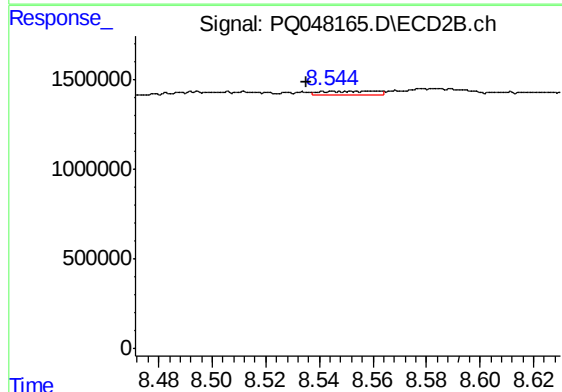
R.T.: 9.150 min
Delta R.T.: 0.044 min
Response: 45834
Conc: 0.25 ng/ml



#41 AR-1268-1

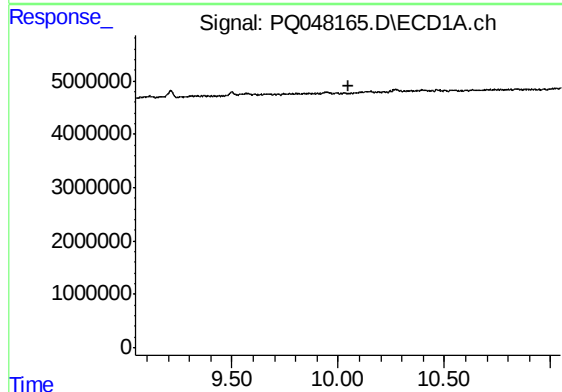
R.T.: 0.000 min
Exp R.T. : 9.939 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242339



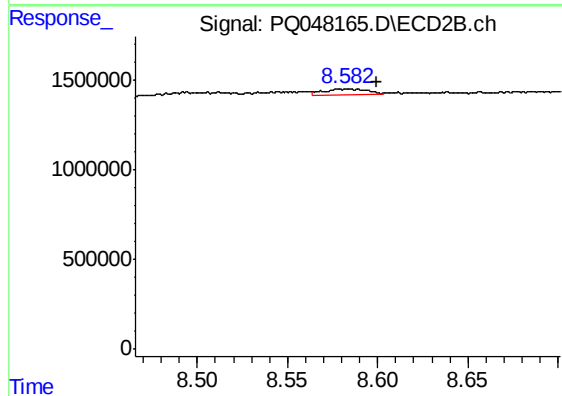
#41 AR-1268-1

R.T.: 8.545 min
Delta R.T.: 0.010 min
Response: 276695
Conc: 0.48 ng/ml



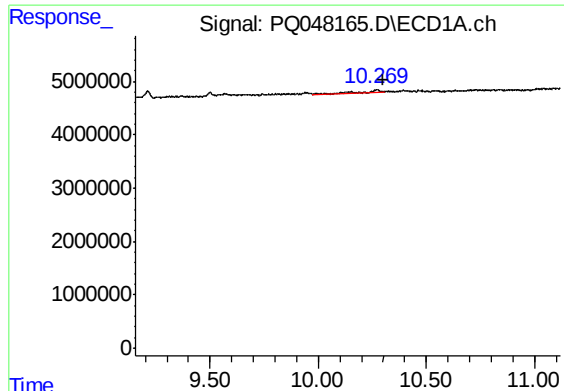
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 10.046 min
Response: 0
Conc: N.D.



#42 AR-1268-2

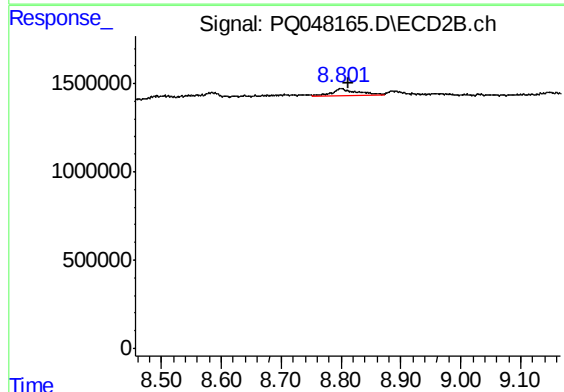
R.T.: 8.583 min
Delta R.T.: -0.016 min
Response: 550392
Conc: 1.03 ng/ml



#43 AR-1268-3

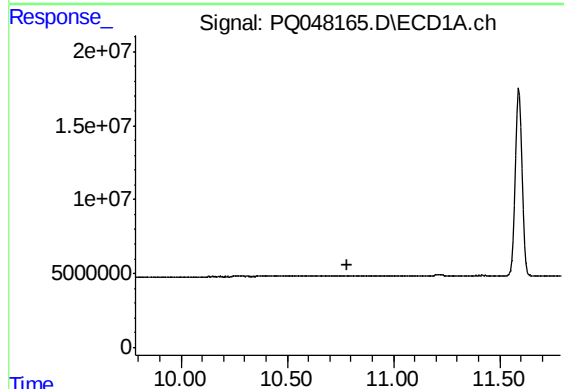
R.T.: 10.269 min
Delta R.T.: -0.030 min
Response: 3035905
Conc: 3.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242339



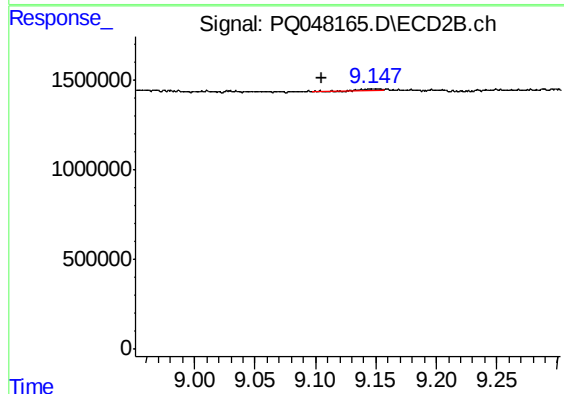
#43 AR-1268-3

R.T.: 8.801 min
Delta R.T.: -0.011 min
Response: 1310886
Conc: 2.97 ng/ml



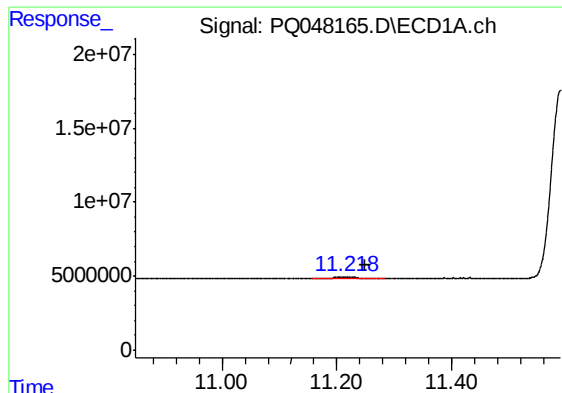
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 10.785 min
Response: 0
Conc: N.D.



#44 AR-1268-4

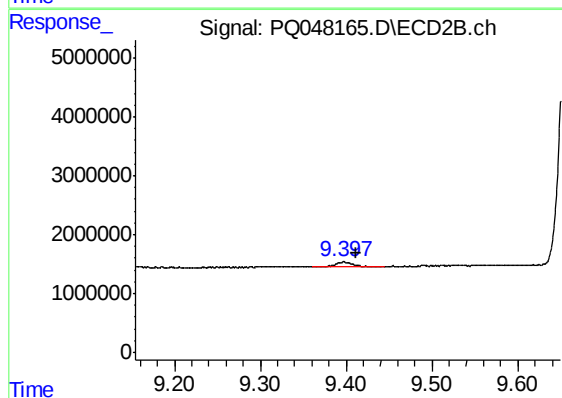
R.T.: 9.150 min
Delta R.T.: 0.044 min
Response: 45834
Conc: 0.23 ng/ml



#45 AR-1268-5

R.T.: 11.217 min
Delta R.T.: -0.033 min
Response: 2606326
Conc: 0.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242339



#45 AR-1268-5

R.T.: 9.397 min
Delta R.T.: -0.014 min
Response: 1075037
Conc: 0.73 ng/ml