

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR032119\
 Data File : PR036511.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2019 02:32
 Operator : SM\SJ
 Sample : K2036-02MS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 SIMW-02-20190319MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 03:38:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR032019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 20 15:19:33 2019
 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...	4.399	3.473	27954509	81149905	18.470	19.791
2) SA Decachlor...	10.048	8.335	32386199	112.5E6	18.477	20.326
Target Compounds						
3) L1 AR-1016-1	5.561	4.525	11622660	33477458	195.010	204.511
4) L1 AR-1016-2	5.583	4.541	18344220	52071401	188.990	194.683
5) L1 AR-1016-3	5.645	4.713	11200639	26593002	194.072	199.413
6) L1 AR-1016-4	5.743	4.754	9012279	20745264	190.134	202.159
7) L1 AR-1016-5	6.034	4.961	8944394	28210871	180.602	198.527
9) L2 AR-1221-2	4.771	3.763	5809767	4077177	619.372	178.919 #
10) L2 AR-1221-3	4.771	3.836	5809767	14831529	194.887	192.281
11) L3 AR-1232-1	4.771	3.836	5809767	14831529	150.531	146.715
12) L3 AR-1232-2	5.295	4.541	7898869	52071401	369.419	417.210
13) L3 AR-1232-3	5.583	4.713	18344220	26593002	415.855	435.452
14) L3 AR-1232-4	5.743	4.794	9012279	25336039	420.708	481.430
15) L3 AR-1232-5	5.830	4.961	8125405	28210871	474.831	474.196
16) L4 AR-1242-1	5.561	4.541	11622660	52071401	261.685	422.680 #
17) L4 AR-1242-2	5.583	4.541	18344220	52071401	255.201	257.484
18) L4 AR-1242-3	5.645	4.713	11200639	26593002	255.445	261.826
19) L4 AR-1242-4	5.743	4.794	9012279	25336039	250.713	261.014
20) L4 AR-1242-5	0.000	5.304	0	22059525	N.D.	163.086 #
21) L5 AR-1248-1	5.561	4.541	11622660	52071401	219.482	342.688 #
22) L5 AR-1248-2	5.830	4.754	8125405	20745264	103.018	99.083
23) L5 AR-1248-3	6.034	4.794	8944394	25336039	99.338	117.708
24) L5 AR-1248-4	6.407	4.961	8004952	28210871	75.427	105.761 #
25) L5 AR-1248-5	0.000	5.344	0	3381555	N.D.	11.187 #
26) L6 AR-1254-1	6.407	5.304	8004952	22059525	105.120	69.354 #
27) L6 AR-1254-2	6.622	5.448	7880207	22954655	65.743	82.170
28) L6 AR-1254-3	6.989	5.856	5065435	44602002	38.351	94.982 #
29) L6 AR-1254-4	7.272	6.067	2816916	5537194	28.828	15.893 #
30) L6 AR-1254-5	7.689	6.476	30593706	94898662	250.236	210.805
31) L7 AR-1260-1	7.149	5.969	19182702	62126182	203.513	208.396
32) L7 AR-1260-2	7.405	6.155	22184830	90951017	194.428	204.348
33) L7 AR-1260-3	7.761	6.305	14206531	72898206	158.810	202.150 #
34) L7 AR-1260-4	7.987	6.767	17538842	54173446	171.123	172.650
35) L7 AR-1260-5	8.302	7.009	32569967	159.4E6	163.053	174.136
36) L8 AR-1262-1	7.761	6.566	14206531	33402132	105.103	143.966 #
37) L8 AR-1262-2	8.302	7.009	32569967	159.4E6	136.068	141.323
38) L8 AR-1262-3	8.623	7.285	21232673	30901839	135.109	70.640 #
39) L8 AR-1262-4	8.676	7.348	11422149	103.6E6	96.346	138.573 #
40) L8 AR-1262-5	9.331	7.840	7909822	30248737	98.984	93.518
41) L9 AR-1268-1	8.623	7.285	21232673	30901839	78.262	23.532 #
42) L9 AR-1268-2	8.676	7.348	11422149	103.6E6	46.443	92.883 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR032119\
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 Acq On : 22 Mar 2019 02:32
 Operator : SM\SJ
 Sample : K2036-02MS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

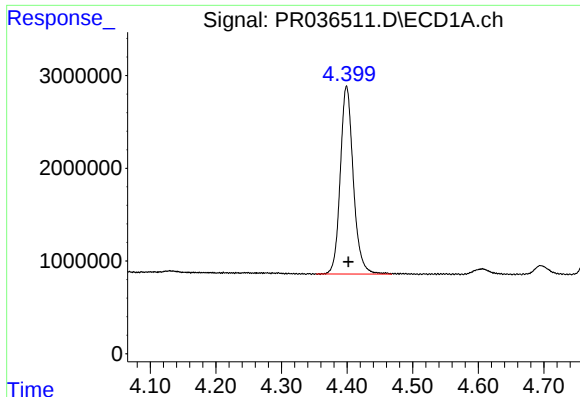
Instrument :
 ECD_R
 ClientSampleId :
 SIMW-02-20190319MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 03:38:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR032019.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
43) L9	AR-1268-3	0.000	7.549	0	2671407	N.D.	2.866 #
44) L9	AR-1268-4	9.331	7.840	7909822	30248737	89.911	84.203
45) L9	AR-1268-5	9.728	8.109	2737210	9176785	4.331	3.712

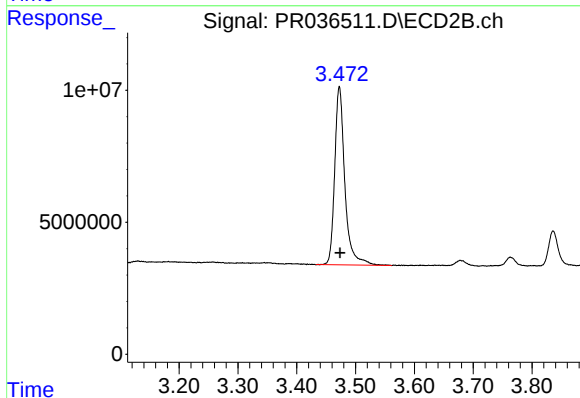
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

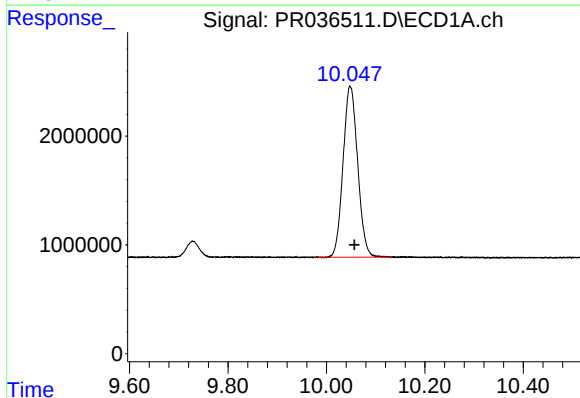
R.T.: 4.399 min
Delta R.T.: -0.003 min
Response: 27954509
Conc: 18.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



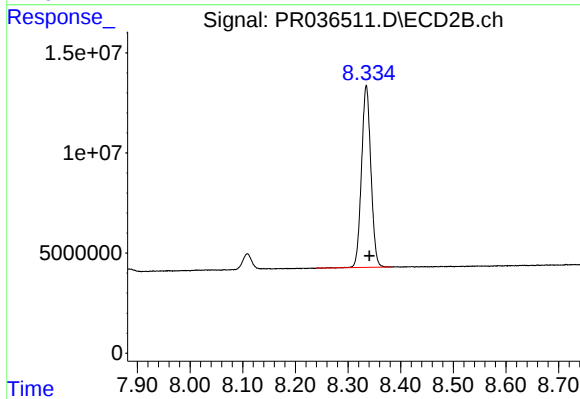
#1 Tetrachloro-m-xylene

R.T.: 3.473 min
Delta R.T.: 0.000 min
Response: 81149905
Conc: 19.79 ng/ml



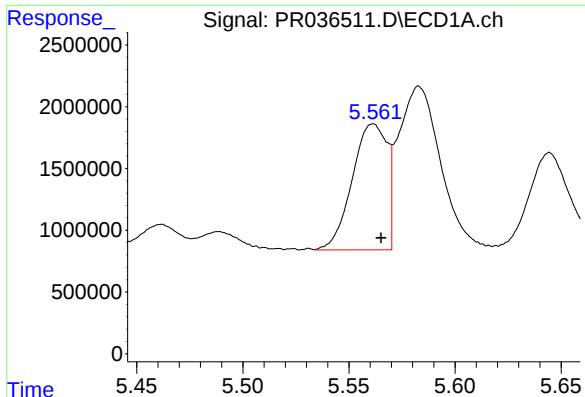
#2 Decachlorobiphenyl

R.T.: 10.048 min
Delta R.T.: -0.008 min
Response: 32386199
Conc: 18.48 ng/ml



#2 Decachlorobiphenyl

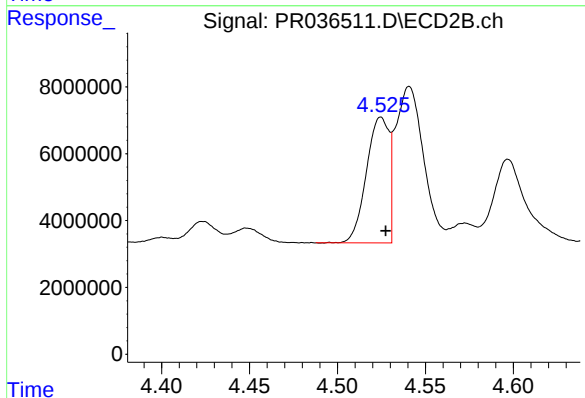
R.T.: 8.335 min
Delta R.T.: -0.005 min
Response: 112452114
Conc: 20.33 ng/ml



#3 AR-1016-1

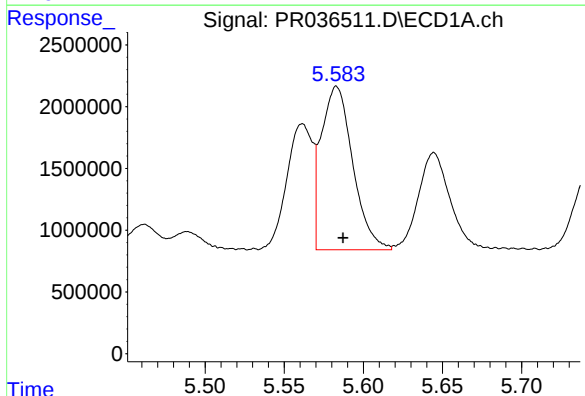
R.T.: 5.561 min
Delta R.T.: -0.004 min
Response: 11622660
Conc: 195.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



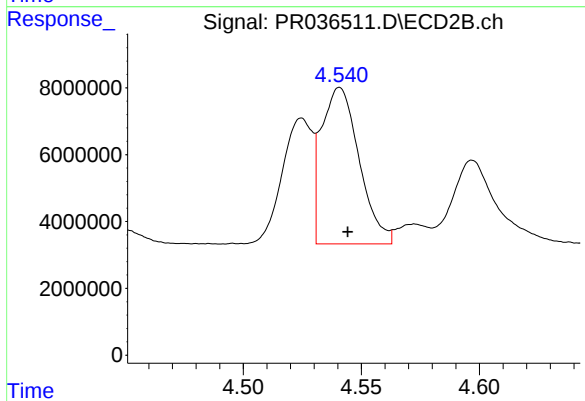
#3 AR-1016-1

R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 33477458
Conc: 204.51 ng/ml



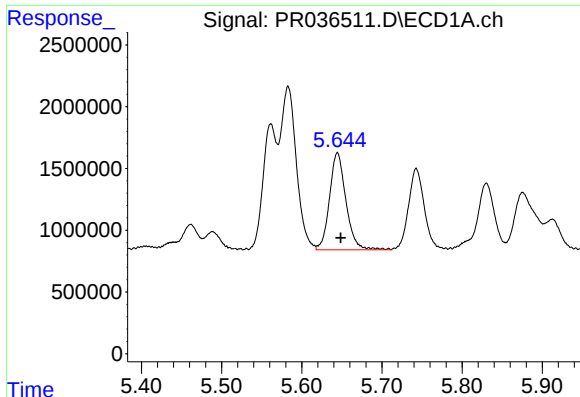
#4 AR-1016-2

R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 18344220
Conc: 188.99 ng/ml



#4 AR-1016-2

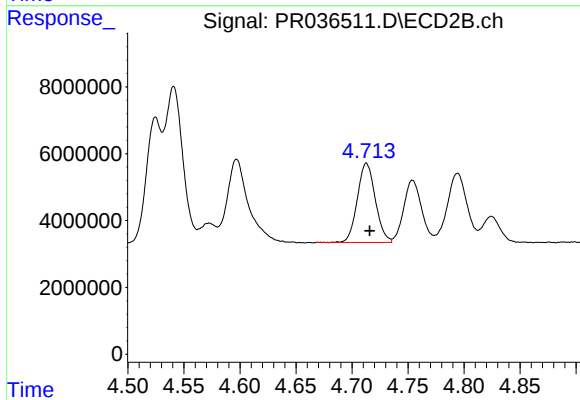
R.T.: 4.541 min
Delta R.T.: -0.003 min
Response: 52071401
Conc: 194.68 ng/ml



#5 AR-1016-3

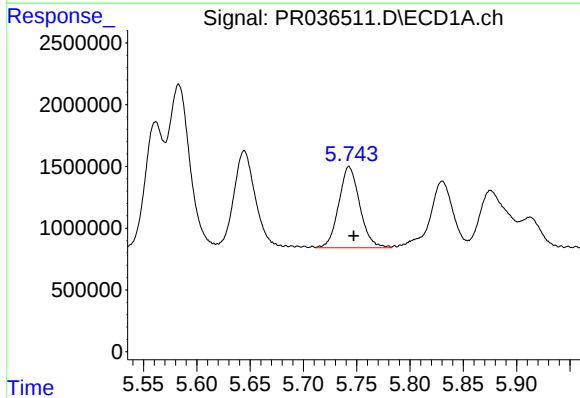
R.T.: 5.645 min
Delta R.T.: -0.004 min
Response: 11200639
Conc: 194.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



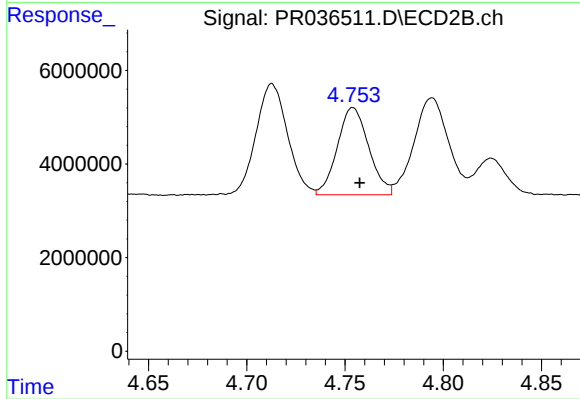
#5 AR-1016-3

R.T.: 4.713 min
Delta R.T.: -0.003 min
Response: 26593002
Conc: 199.41 ng/ml



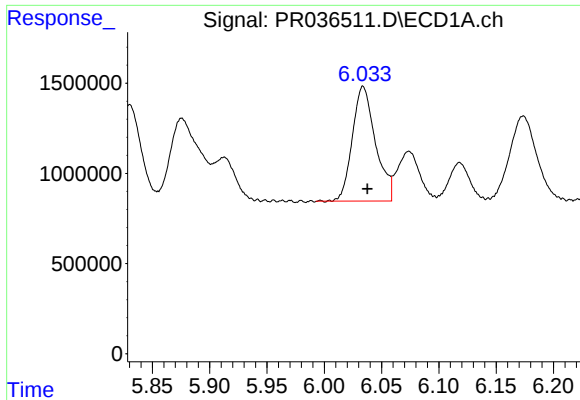
#6 AR-1016-4

R.T.: 5.743 min
Delta R.T.: -0.004 min
Response: 9012279
Conc: 190.13 ng/ml



#6 AR-1016-4

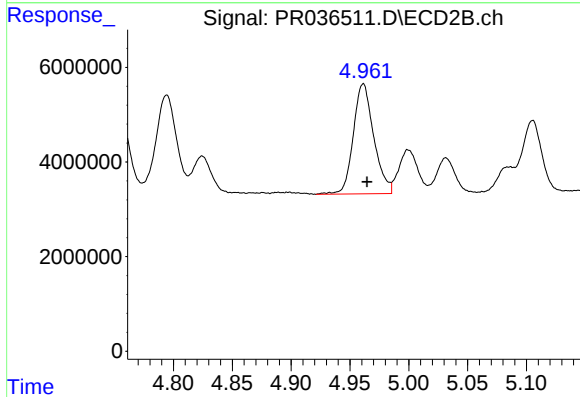
R.T.: 4.754 min
Delta R.T.: -0.003 min
Response: 20745264
Conc: 202.16 ng/ml



#7 AR-1016-5

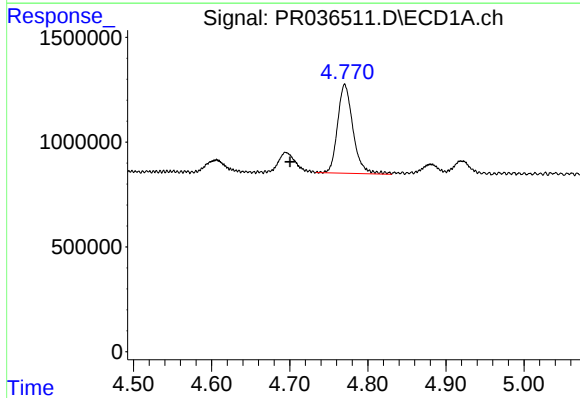
R.T.: 6.034 min
Delta R.T.: -0.004 min
Response: 8944394
Conc: 180.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



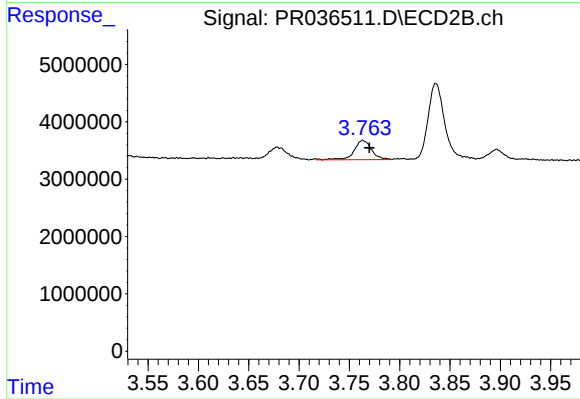
#7 AR-1016-5

R.T.: 4.961 min
Delta R.T.: -0.003 min
Response: 28210871
Conc: 198.53 ng/ml



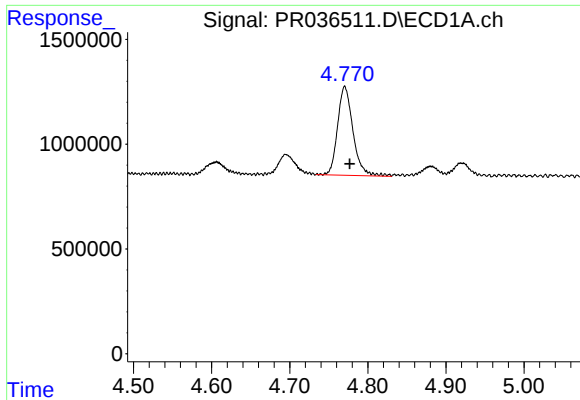
#9 AR-1221-2

R.T.: 4.771 min
Delta R.T.: 0.070 min
Response: 5809767
Conc: 619.37 ng/ml



#9 AR-1221-2

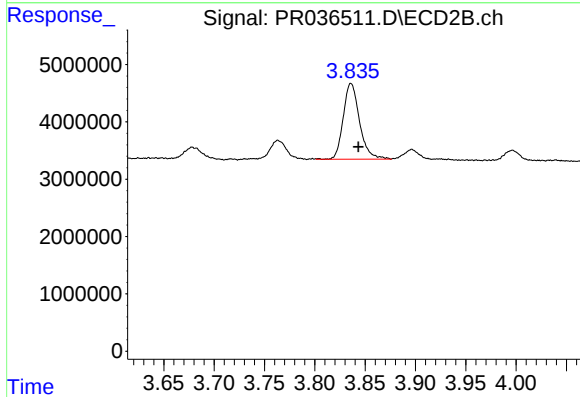
R.T.: 3.763 min
Delta R.T.: -0.007 min
Response: 4077177
Conc: 178.92 ng/ml



#10 AR-1221-3

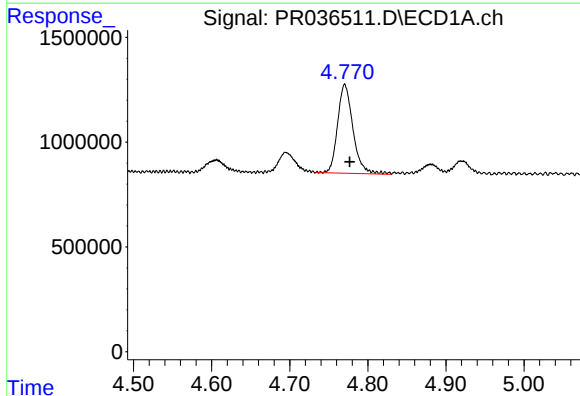
R.T.: 4.771 min
Delta R.T.: -0.007 min
Response: 5809767
Conc: 194.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



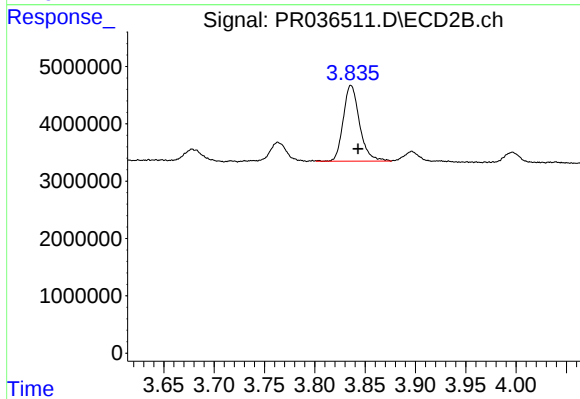
#10 AR-1221-3

R.T.: 3.836 min
Delta R.T.: -0.007 min
Response: 14831529
Conc: 192.28 ng/ml



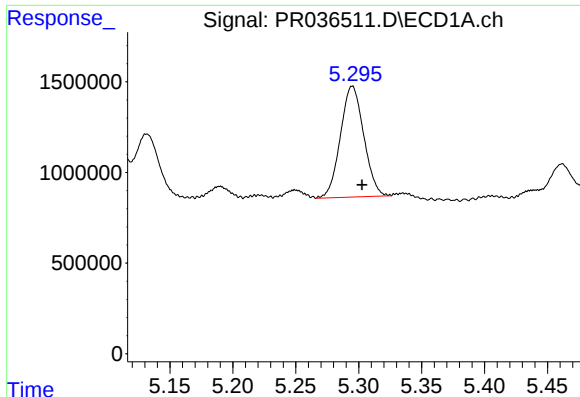
#11 AR-1232-1

R.T.: 4.771 min
Delta R.T.: -0.007 min
Response: 5809767
Conc: 150.53 ng/ml



#11 AR-1232-1

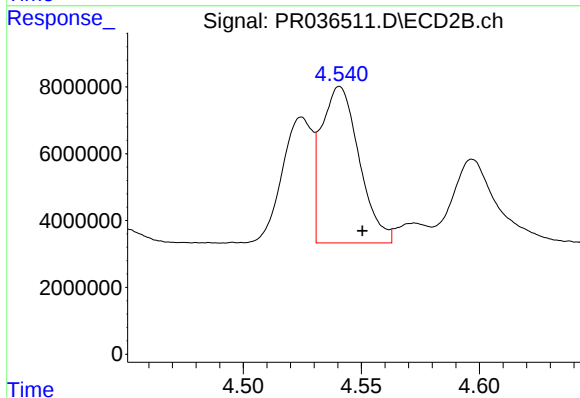
R.T.: 3.836 min
Delta R.T.: -0.007 min
Response: 14831529
Conc: 146.71 ng/ml



#12 AR-1232-2

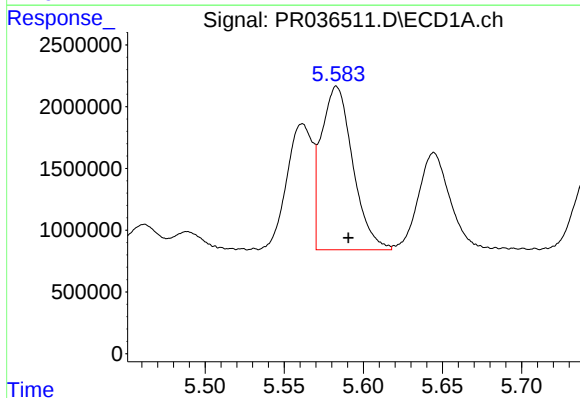
R.T.: 5.295 min
Delta R.T.: -0.008 min
Response: 7898869
Conc: 369.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



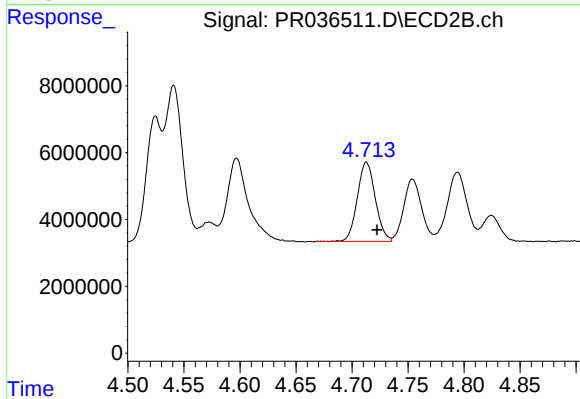
#12 AR-1232-2

R.T.: 4.541 min
Delta R.T.: -0.010 min
Response: 52071401
Conc: 417.21 ng/ml



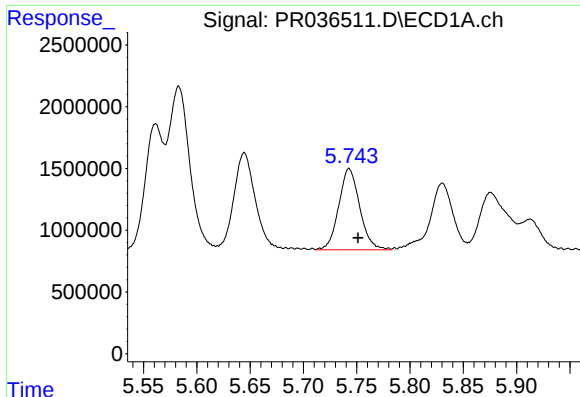
#13 AR-1232-3

R.T.: 5.583 min
Delta R.T.: -0.007 min
Response: 18344220
Conc: 415.85 ng/ml



#13 AR-1232-3

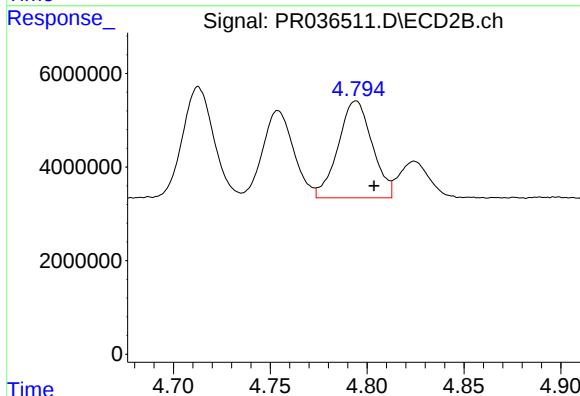
R.T.: 4.713 min
Delta R.T.: -0.009 min
Response: 26593002
Conc: 435.45 ng/ml



#14 AR-1232-4

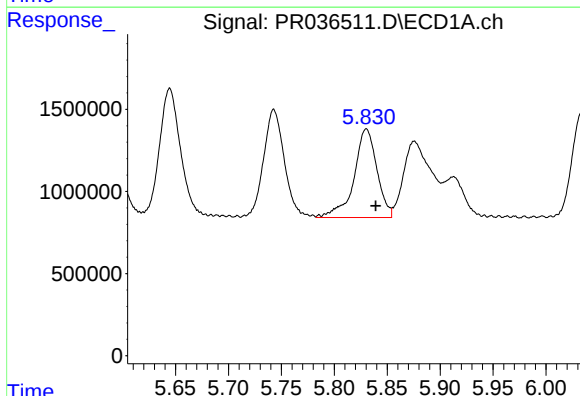
R.T.: 5.743 min
Delta R.T.: -0.008 min
Response: 9012279
Conc: 420.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



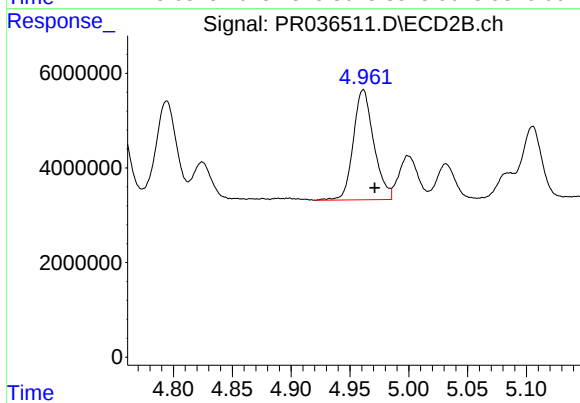
#14 AR-1232-4

R.T.: 4.794 min
Delta R.T.: -0.009 min
Response: 25336039
Conc: 481.43 ng/ml



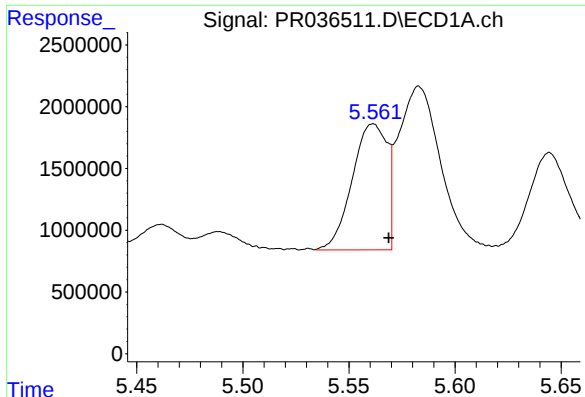
#15 AR-1232-5

R.T.: 5.830 min
Delta R.T.: -0.009 min
Response: 8125405
Conc: 474.83 ng/ml



#15 AR-1232-5

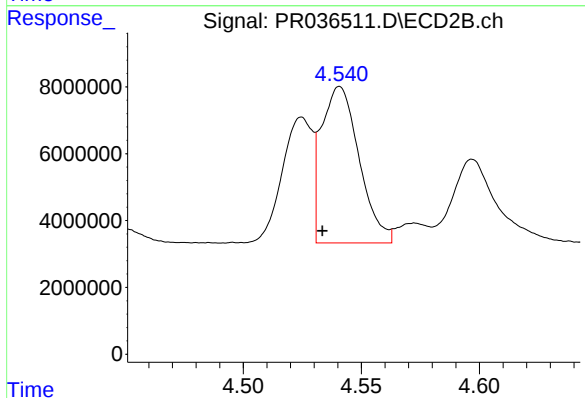
R.T.: 4.961 min
Delta R.T.: -0.010 min
Response: 28210871
Conc: 474.20 ng/ml



#16 AR-1242-1

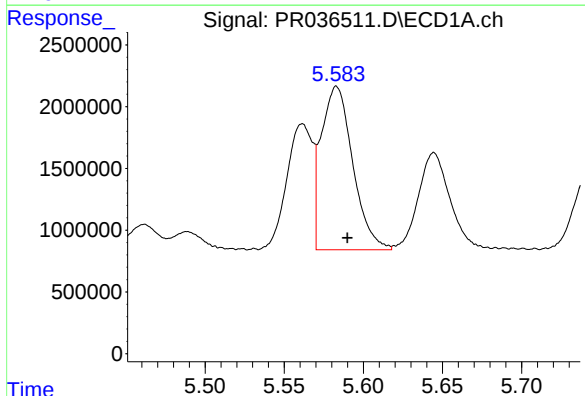
R.T.: 5.561 min
Delta R.T.: -0.007 min
Response: 11622660
Conc: 261.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



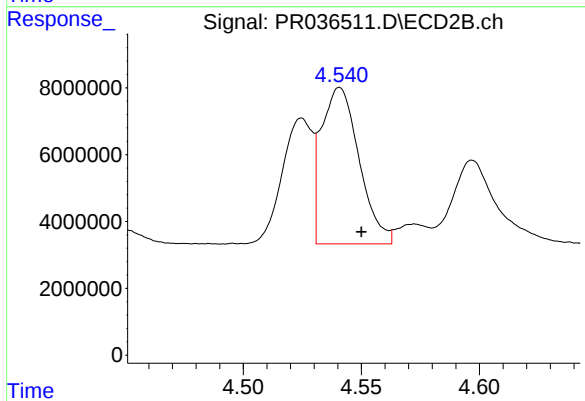
#16 AR-1242-1

R.T.: 4.541 min
Delta R.T.: 0.007 min
Response: 52071401
Conc: 422.68 ng/ml



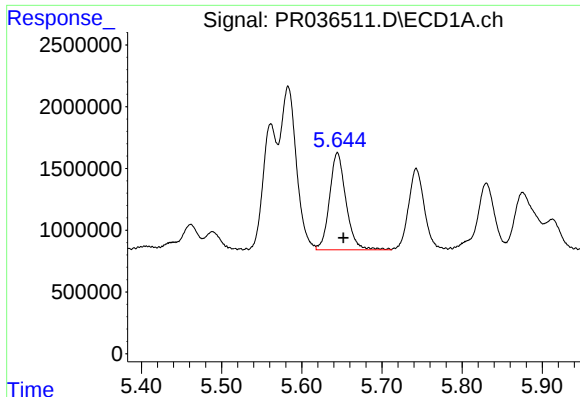
#17 AR-1242-2

R.T.: 5.583 min
Delta R.T.: -0.007 min
Response: 18344220
Conc: 255.20 ng/ml



#17 AR-1242-2

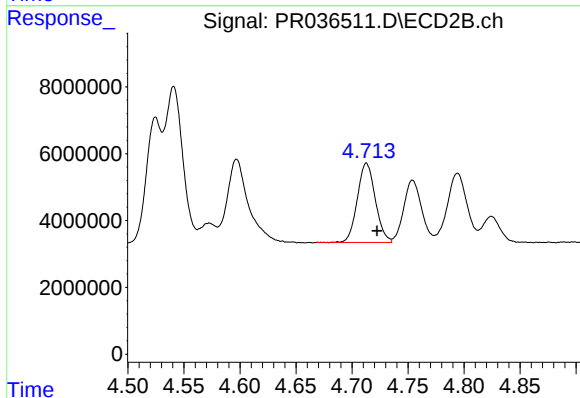
R.T.: 4.541 min
Delta R.T.: -0.009 min
Response: 52071401
Conc: 257.48 ng/ml



#18 AR-1242-3

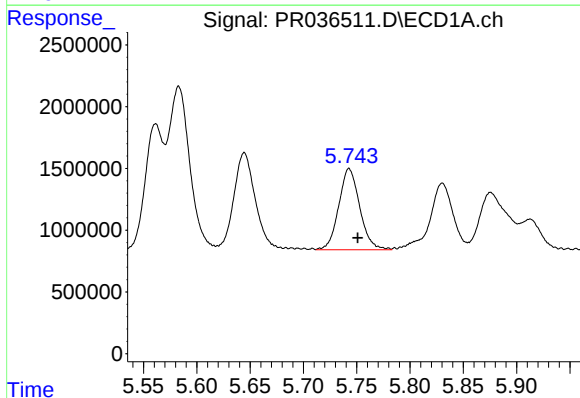
R.T.: 5.645 min
Delta R.T.: -0.008 min
Response: 11200639
Conc: 255.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



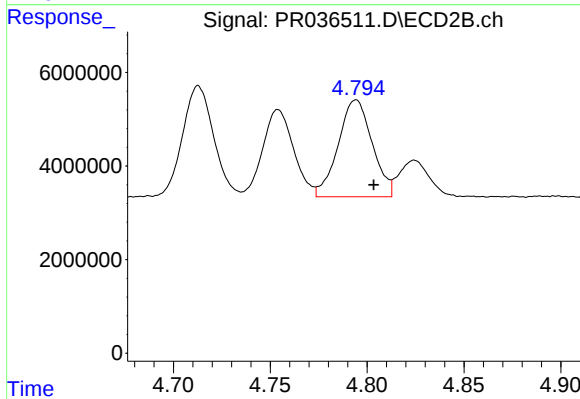
#18 AR-1242-3

R.T.: 4.713 min
Delta R.T.: -0.009 min
Response: 26593002
Conc: 261.83 ng/ml



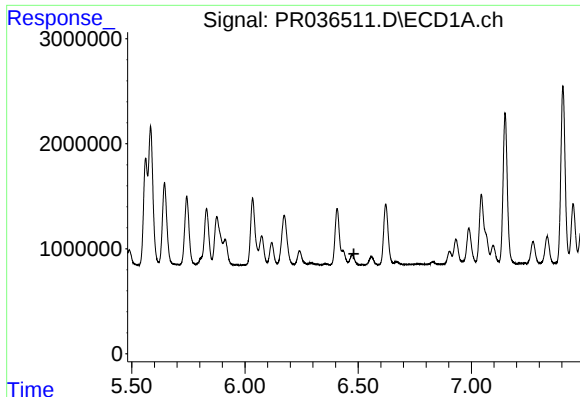
#19 AR-1242-4

R.T.: 5.743 min
Delta R.T.: -0.008 min
Response: 9012279
Conc: 250.71 ng/ml



#19 AR-1242-4

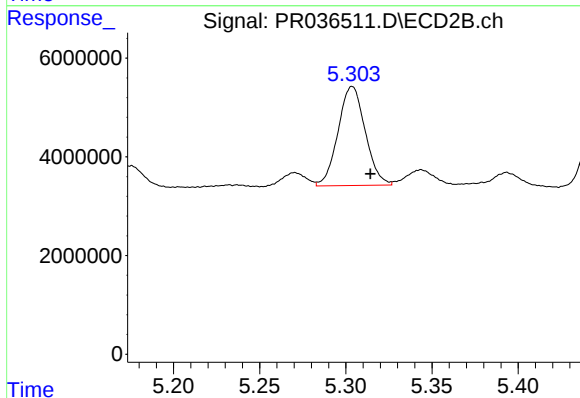
R.T.: 4.794 min
Delta R.T.: -0.009 min
Response: 25336039
Conc: 261.01 ng/ml



#20 AR-1242-5

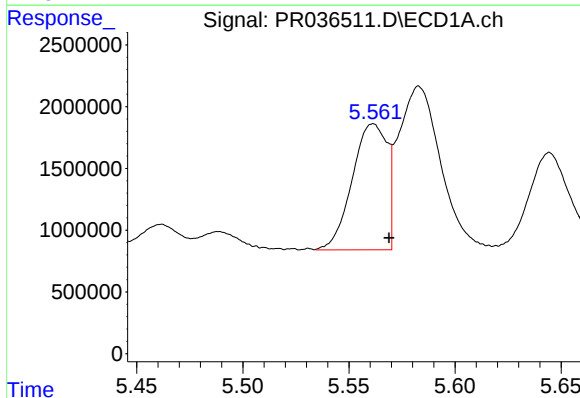
R.T.: 0.000 min
Exp R.T.: 6.481 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



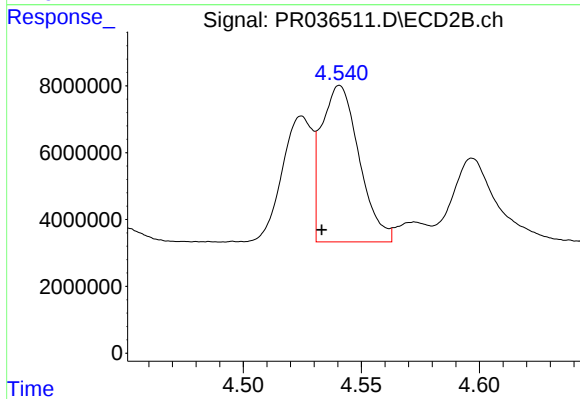
#20 AR-1242-5

R.T.: 5.304 min
Delta R.T.: -0.011 min
Response: 22059525
Conc: 163.09 ng/ml



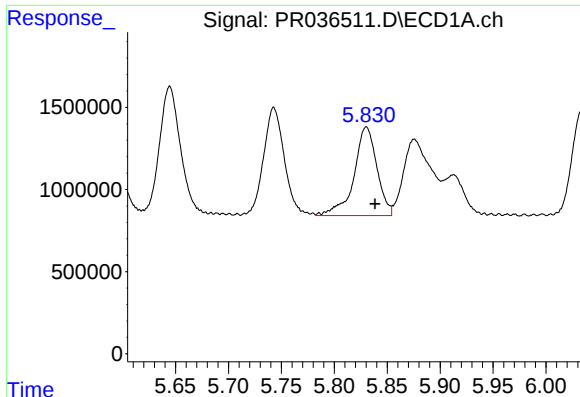
#21 AR-1248-1

R.T.: 5.561 min
Delta R.T.: -0.008 min
Response: 11622660
Conc: 219.48 ng/ml



#21 AR-1248-1

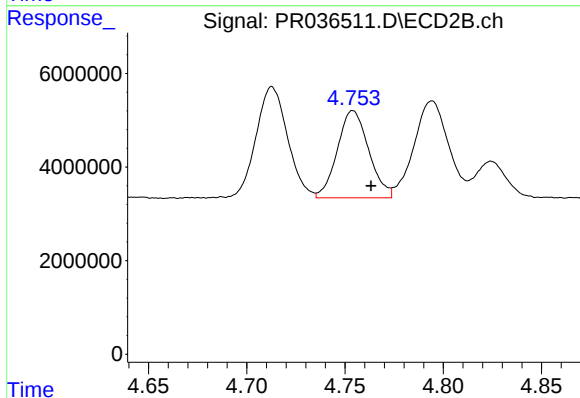
R.T.: 4.541 min
Delta R.T.: 0.008 min
Response: 52071401
Conc: 342.69 ng/ml



#22 AR-1248-2

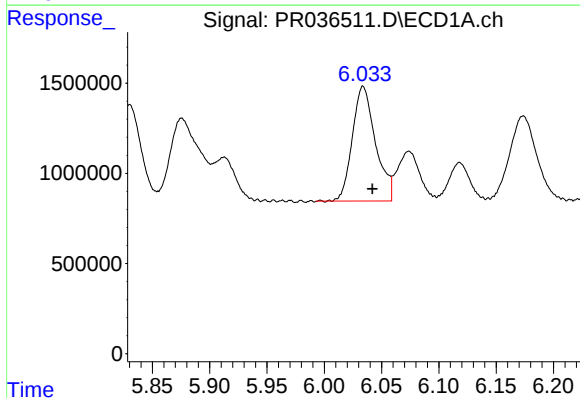
R.T.: 5.830 min
Delta R.T.: -0.008 min
Response: 8125405
Conc: 103.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



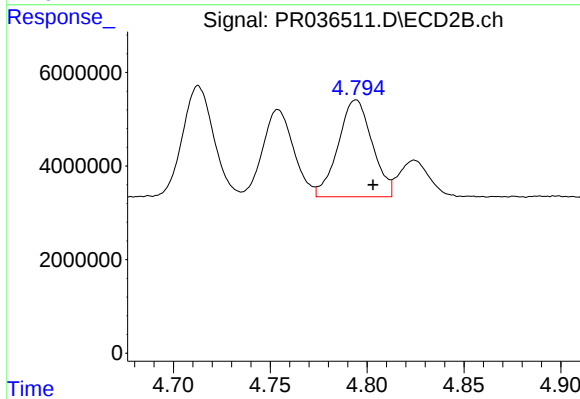
#22 AR-1248-2

R.T.: 4.754 min
Delta R.T.: -0.009 min
Response: 20745264
Conc: 99.08 ng/ml



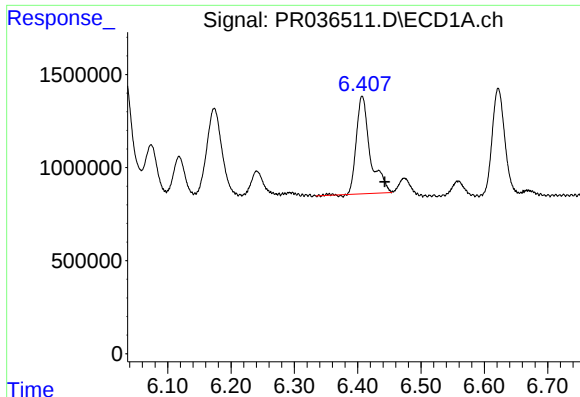
#23 AR-1248-3

R.T.: 6.034 min
Delta R.T.: -0.008 min
Response: 8944394
Conc: 99.34 ng/ml



#23 AR-1248-3

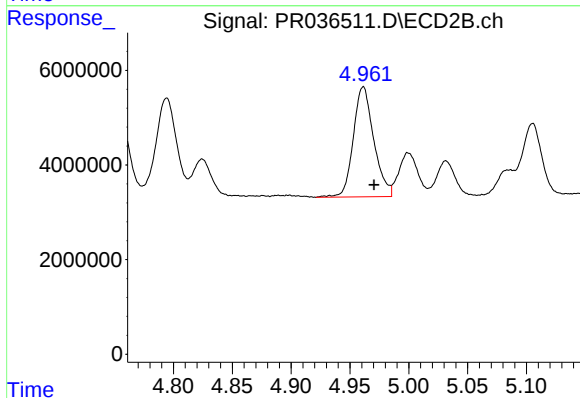
R.T.: 4.794 min
Delta R.T.: -0.009 min
Response: 25336039
Conc: 117.71 ng/ml



#24 AR-1248-4

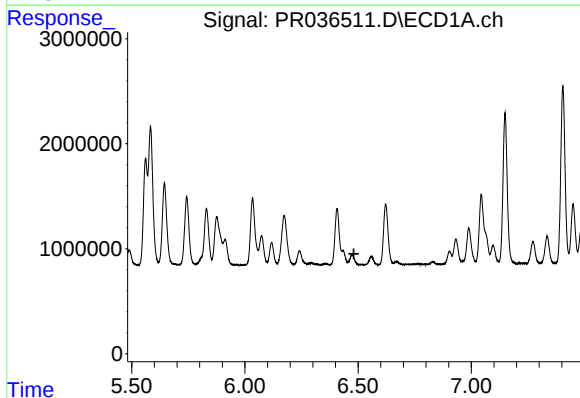
R.T.: 6.407 min
Delta R.T.: -0.036 min
Response: 8004952
Conc: 75.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



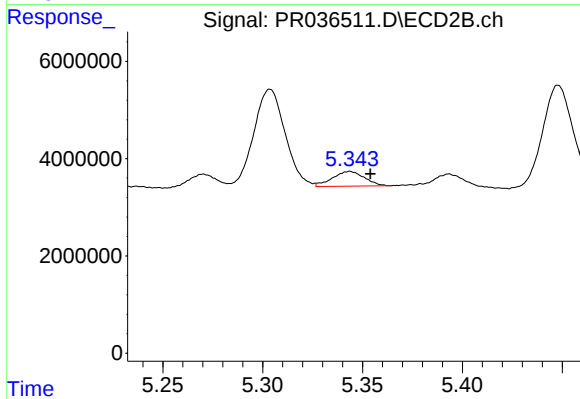
#24 AR-1248-4

R.T.: 4.961 min
Delta R.T.: -0.009 min
Response: 28210871
Conc: 105.76 ng/ml



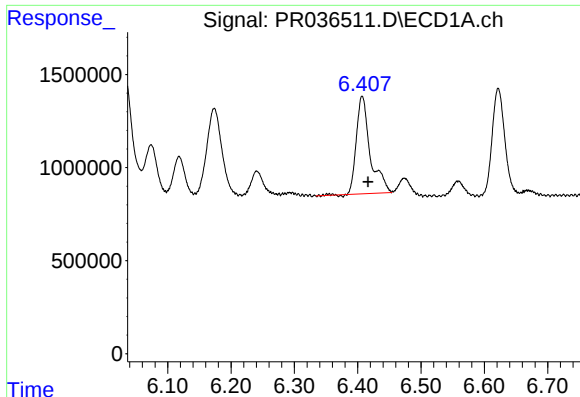
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.481 min
Response: 0
Conc: N.D.



#25 AR-1248-5

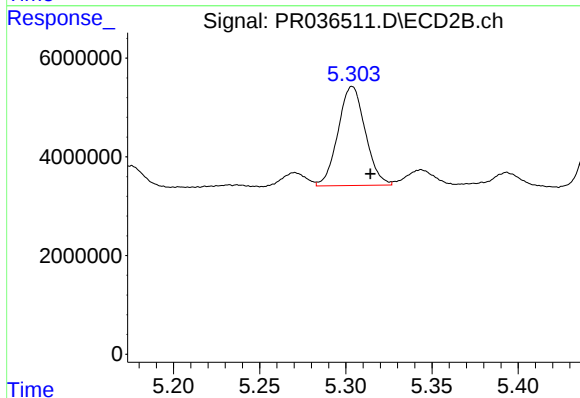
R.T.: 5.344 min
Delta R.T.: -0.010 min
Response: 3381555
Conc: 11.19 ng/ml



#26 AR-1254-1

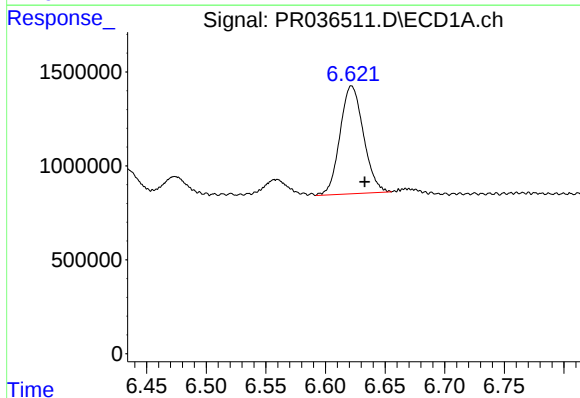
R.T.: 6.407 min
Delta R.T.: -0.009 min
Response: 8004952
Conc: 105.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



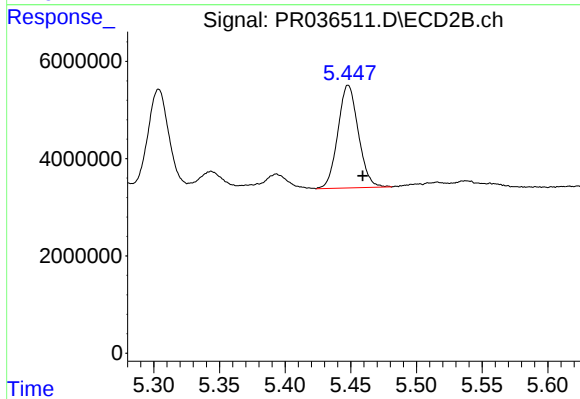
#26 AR-1254-1

R.T.: 5.304 min
Delta R.T.: -0.010 min
Response: 22059525
Conc: 69.35 ng/ml



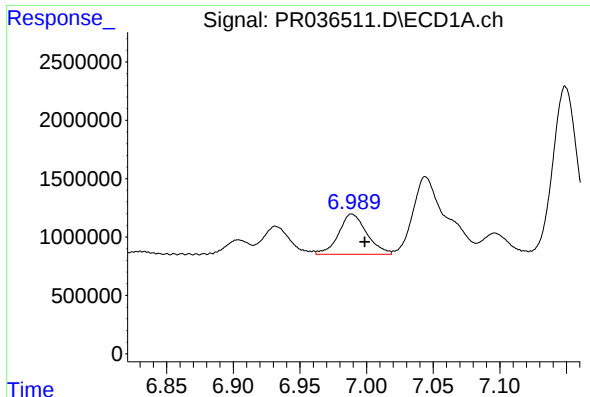
#27 AR-1254-2

R.T.: 6.622 min
Delta R.T.: -0.011 min
Response: 7880207
Conc: 65.74 ng/ml



#27 AR-1254-2

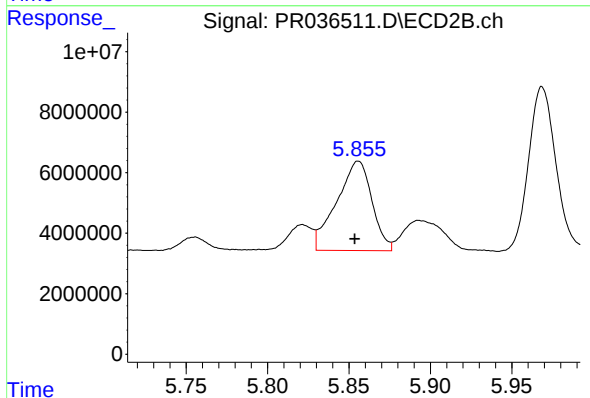
R.T.: 5.448 min
Delta R.T.: -0.011 min
Response: 22954655
Conc: 82.17 ng/ml



#28 AR-1254-3

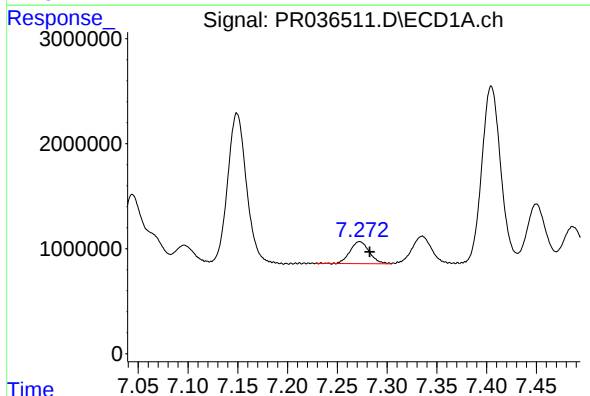
R.T.: 6.989 min
Delta R.T.: -0.010 min
Response: 5065435
Conc: 38.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



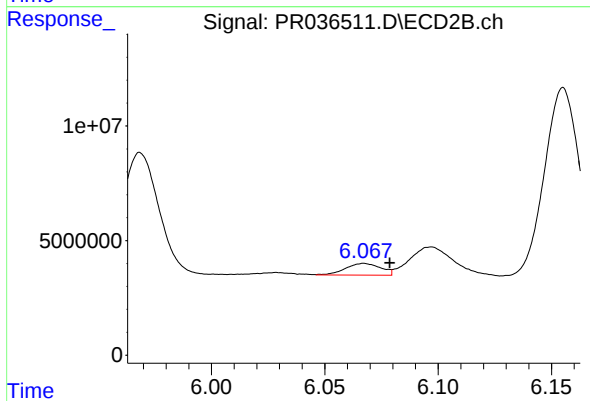
#28 AR-1254-3

R.T.: 5.856 min
Delta R.T.: 0.002 min
Response: 44602002
Conc: 94.98 ng/ml



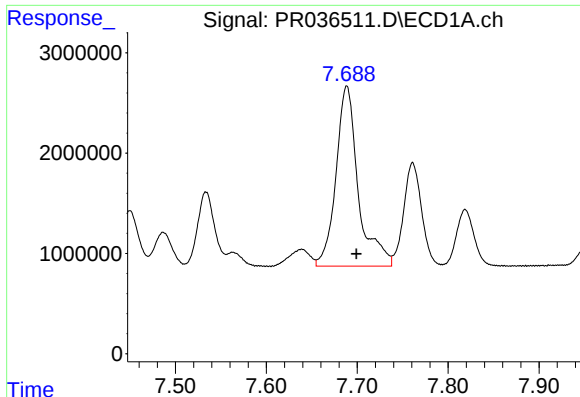
#29 AR-1254-4

R.T.: 7.272 min
Delta R.T.: -0.010 min
Response: 2816916
Conc: 28.83 ng/ml



#29 AR-1254-4

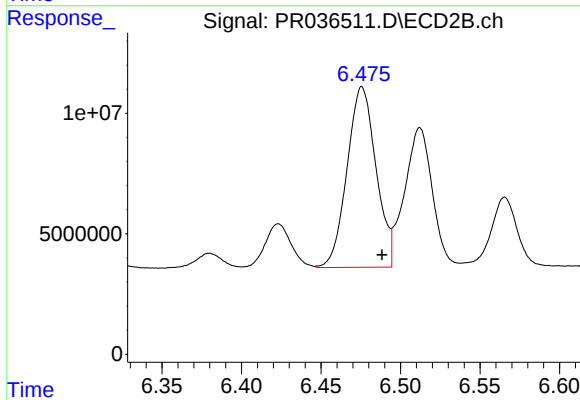
R.T.: 6.067 min
Delta R.T.: -0.011 min
Response: 5537194
Conc: 15.89 ng/ml



#30 AR-1254-5

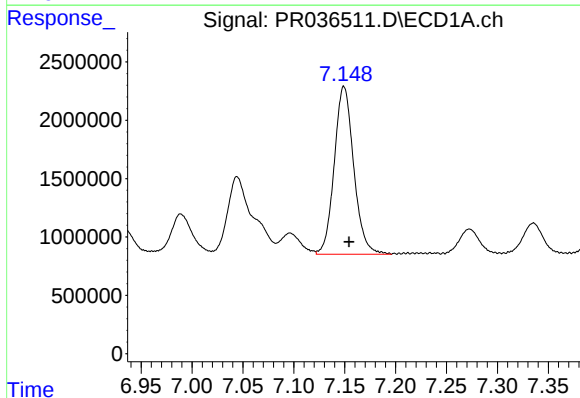
R.T.: 7.689 min
Delta R.T.: -0.011 min
Response: 30593706
Conc: 250.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



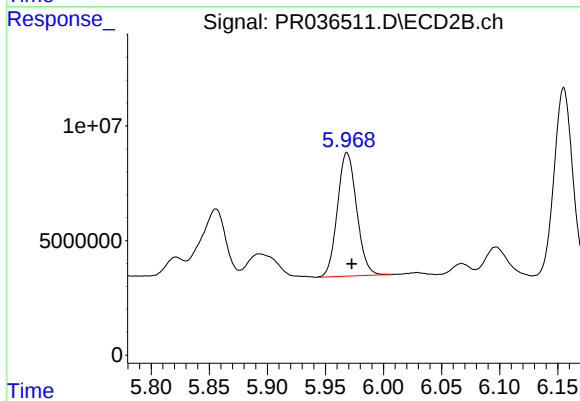
#30 AR-1254-5

R.T.: 6.476 min
Delta R.T.: -0.013 min
Response: 94898662
Conc: 210.81 ng/ml



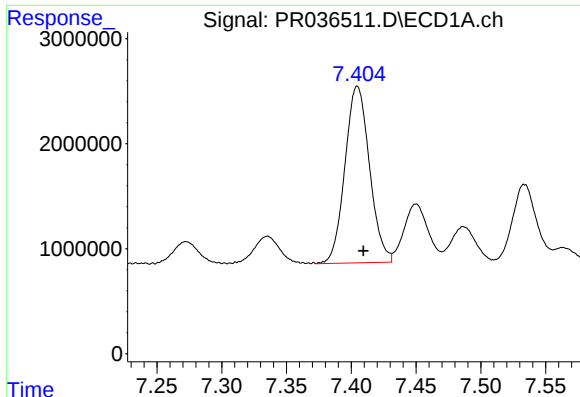
#31 AR-1260-1

R.T.: 7.149 min
Delta R.T.: -0.005 min
Response: 19182702
Conc: 203.51 ng/ml



#31 AR-1260-1

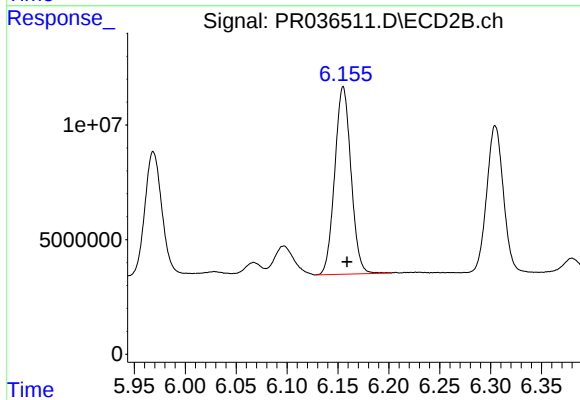
R.T.: 5.969 min
Delta R.T.: -0.004 min
Response: 62126182
Conc: 208.40 ng/ml



#32 AR-1260-2

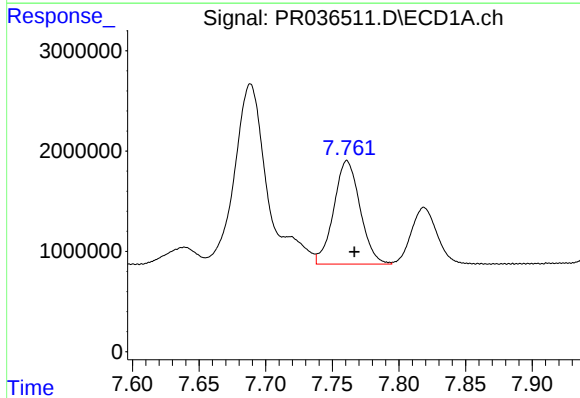
R.T.: 7.405 min
Delta R.T.: -0.005 min
Response: 22184830
Conc: 194.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



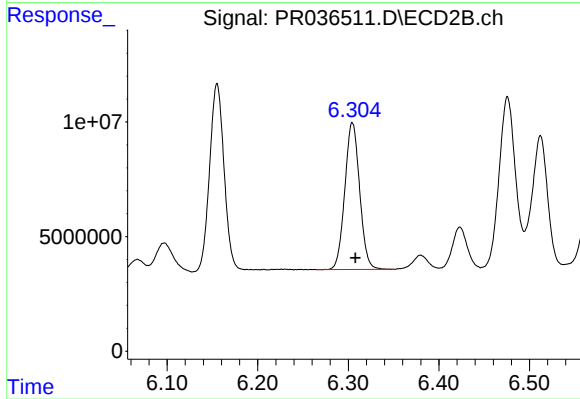
#32 AR-1260-2

R.T.: 6.155 min
Delta R.T.: -0.004 min
Response: 90951017
Conc: 204.35 ng/ml



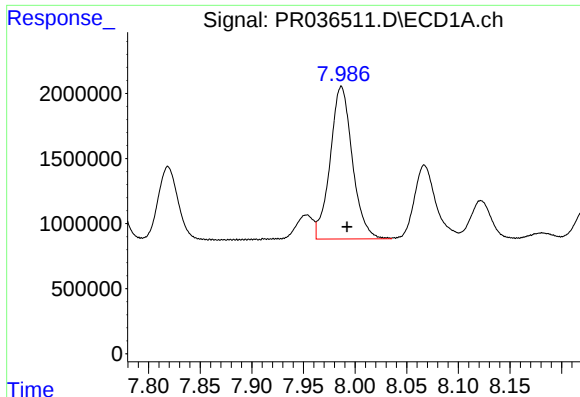
#33 AR-1260-3

R.T.: 7.761 min
Delta R.T.: -0.006 min
Response: 14206531
Conc: 158.81 ng/ml



#33 AR-1260-3

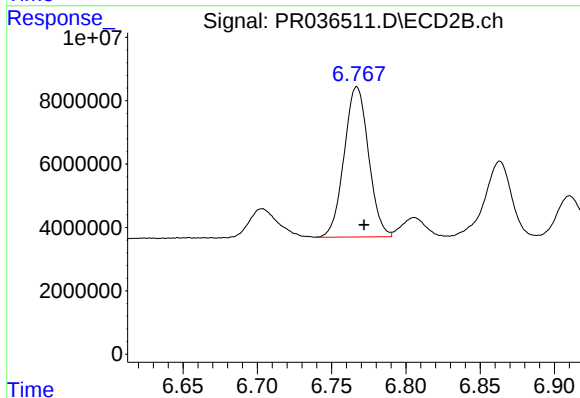
R.T.: 6.305 min
Delta R.T.: -0.003 min
Response: 72898206
Conc: 202.15 ng/ml



#34 AR-1260-4

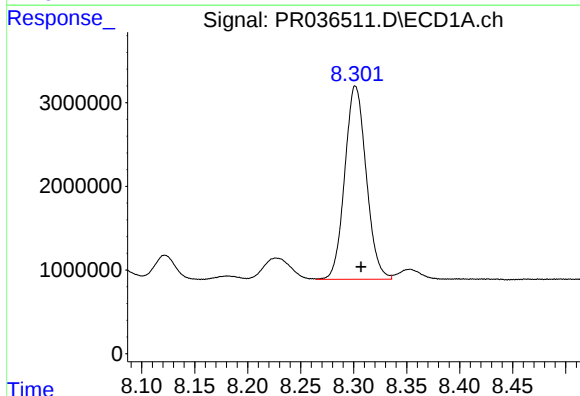
R.T.: 7.987 min
Delta R.T.: -0.006 min
Response: 17538842
Conc: 171.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



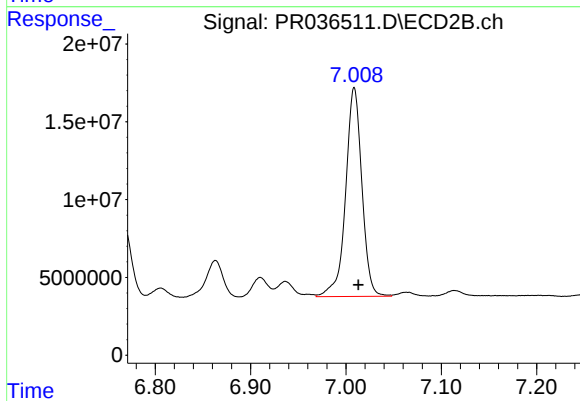
#34 AR-1260-4

R.T.: 6.767 min
Delta R.T.: -0.005 min
Response: 54173446
Conc: 172.65 ng/ml



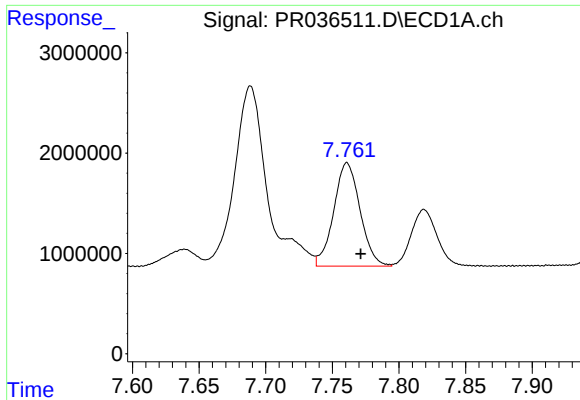
#35 AR-1260-5

R.T.: 8.302 min
Delta R.T.: -0.005 min
Response: 32569967
Conc: 163.05 ng/ml



#35 AR-1260-5

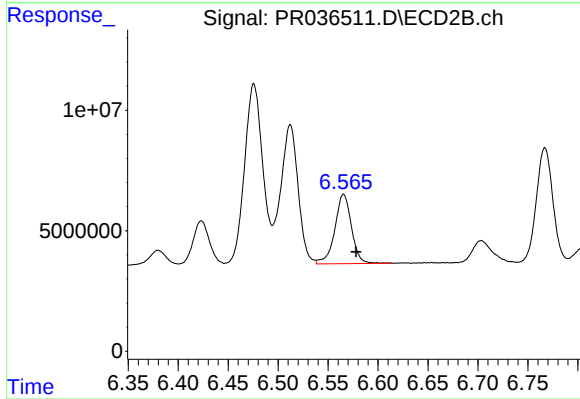
R.T.: 7.009 min
Delta R.T.: -0.005 min
Response: 159419464
Conc: 174.14 ng/ml



#36 AR-1262-1

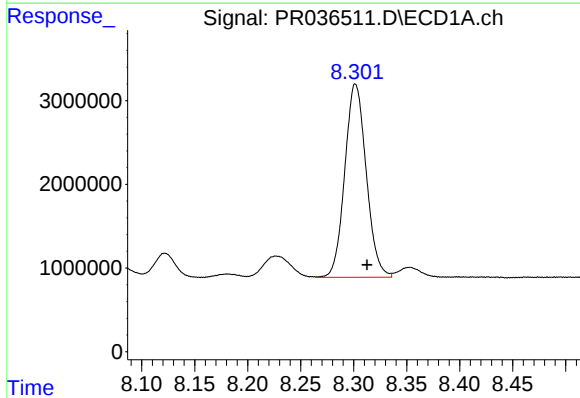
R.T.: 7.761 min
Delta R.T.: -0.010 min
Response: 14206531
Conc: 105.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



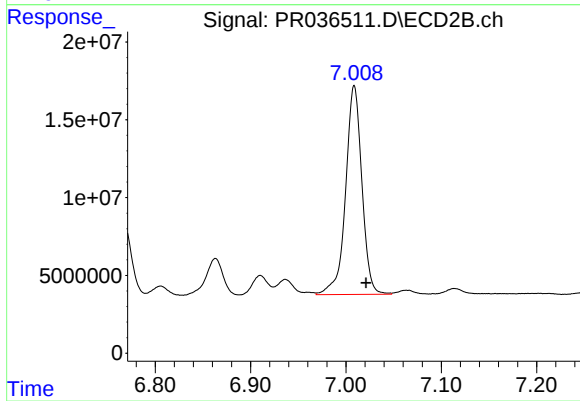
#36 AR-1262-1

R.T.: 6.566 min
Delta R.T.: -0.012 min
Response: 33402132
Conc: 143.97 ng/ml



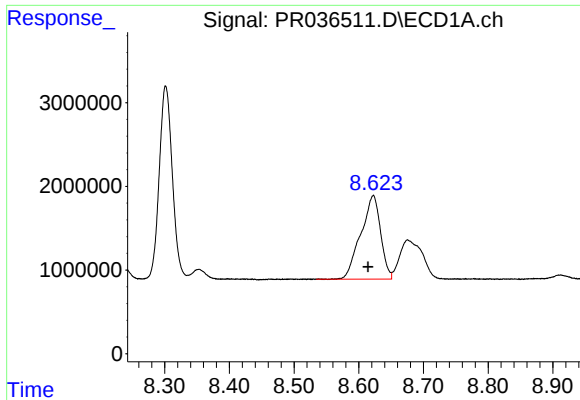
#37 AR-1262-2

R.T.: 8.302 min
Delta R.T.: -0.011 min
Response: 32569967
Conc: 136.07 ng/ml



#37 AR-1262-2

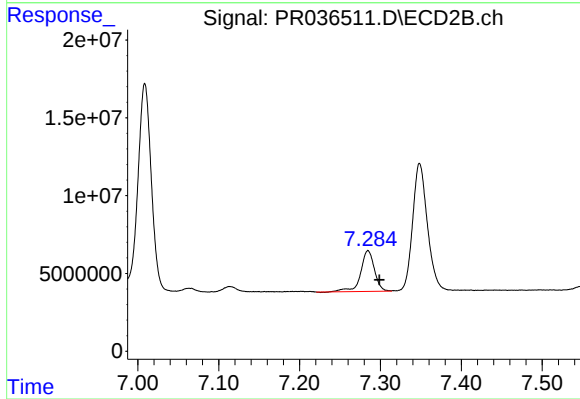
R.T.: 7.009 min
Delta R.T.: -0.012 min
Response: 159419464
Conc: 141.32 ng/ml



#38 AR-1262-3

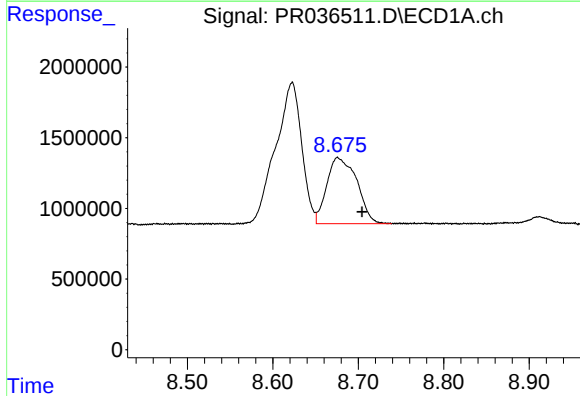
R.T.: 8.623 min
Delta R.T.: 0.008 min
Response: 21232673
Conc: 135.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



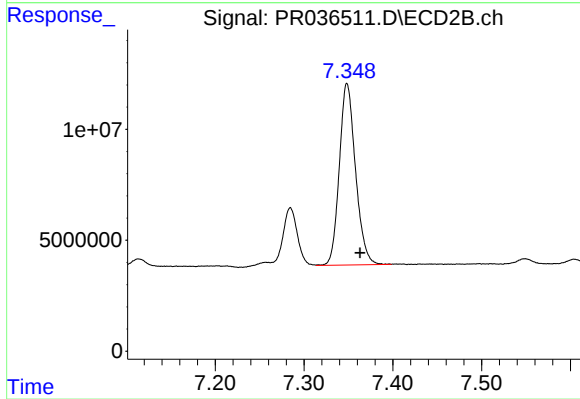
#38 AR-1262-3

R.T.: 7.285 min
Delta R.T.: -0.014 min
Response: 30901839
Conc: 70.64 ng/ml



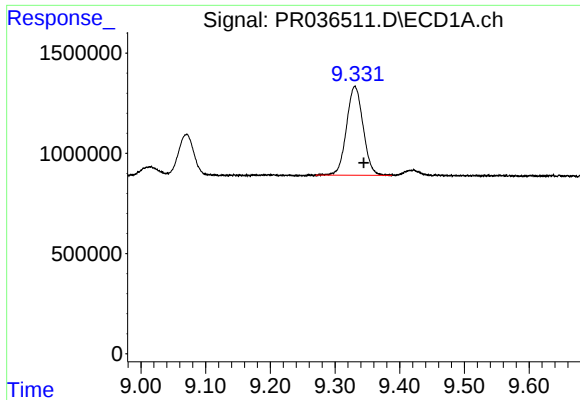
#39 AR-1262-4

R.T.: 8.676 min
Delta R.T.: -0.029 min
Response: 11422149
Conc: 96.35 ng/ml



#39 AR-1262-4

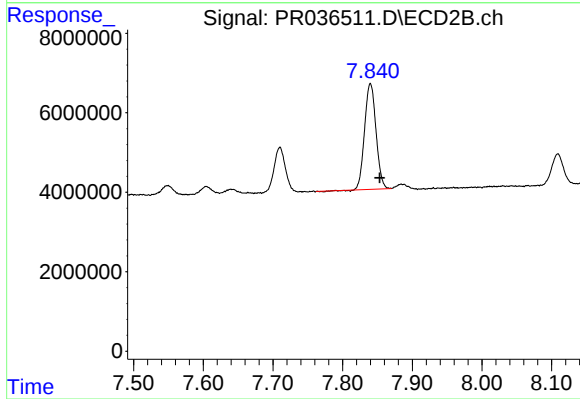
R.T.: 7.348 min
Delta R.T.: -0.015 min
Response: 103576372
Conc: 138.57 ng/ml



#40 AR-1262-5

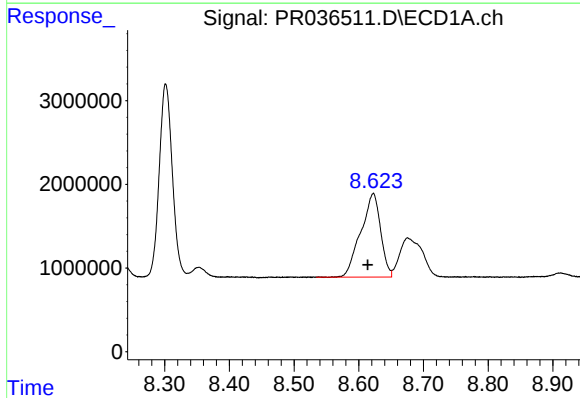
R.T.: 9.331 min
Delta R.T.: -0.014 min
Response: 7909822
Conc: 98.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



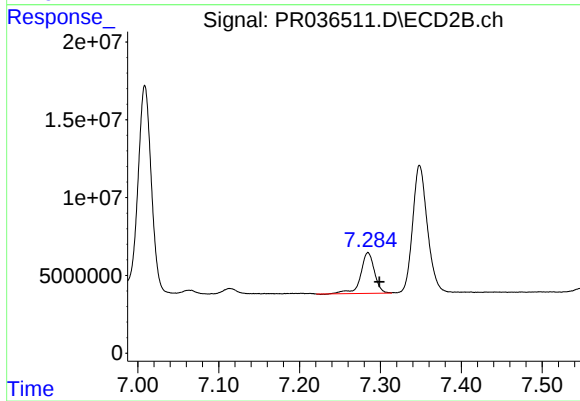
#40 AR-1262-5

R.T.: 7.840 min
Delta R.T.: -0.013 min
Response: 30248737
Conc: 93.52 ng/ml



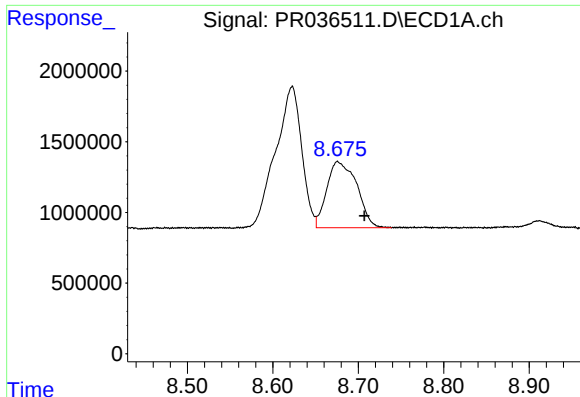
#41 AR-1268-1

R.T.: 8.623 min
Delta R.T.: 0.009 min
Response: 21232673
Conc: 78.26 ng/ml



#41 AR-1268-1

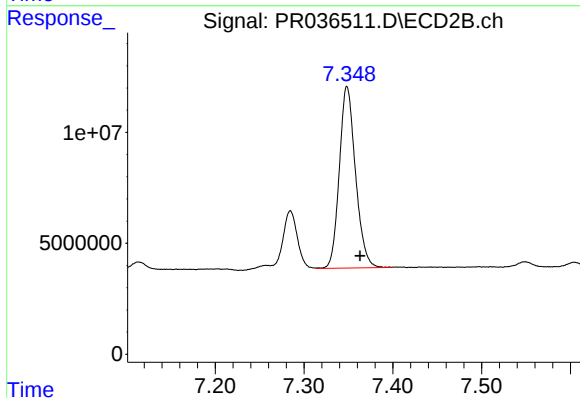
R.T.: 7.285 min
Delta R.T.: -0.014 min
Response: 30901839
Conc: 23.53 ng/ml



#42 AR-1268-2

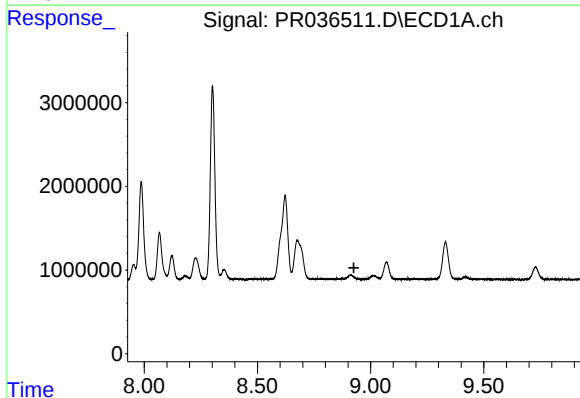
R.T.: 8.676 min
Delta R.T.: -0.031 min
Response: 11422149
Conc: 46.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



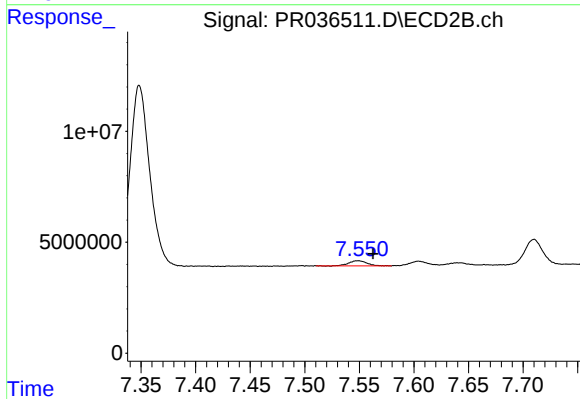
#42 AR-1268-2

R.T.: 7.348 min
Delta R.T.: -0.015 min
Response: 103576372
Conc: 92.88 ng/ml



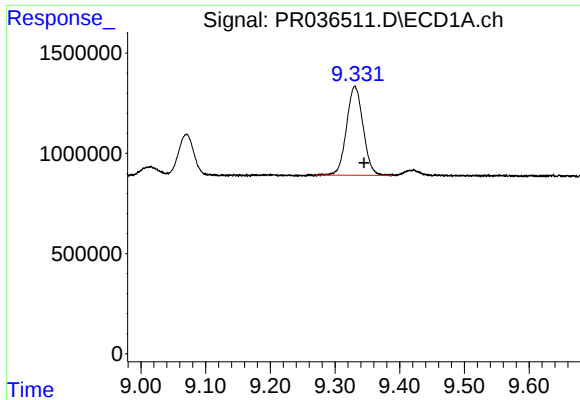
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.926 min
Response: 0
Conc: N.D.



#43 AR-1268-3

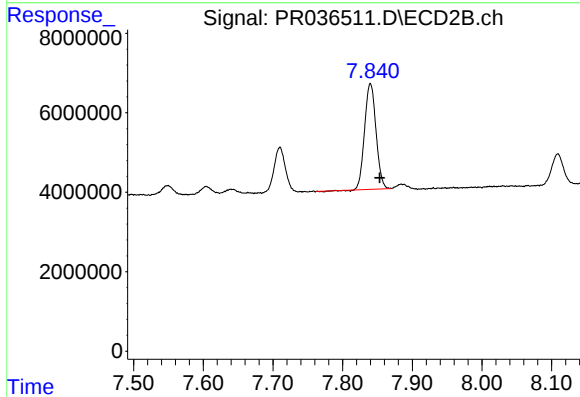
R.T.: 7.549 min
Delta R.T.: -0.014 min
Response: 2671407
Conc: 2.87 ng/ml



#44 AR-1268-4

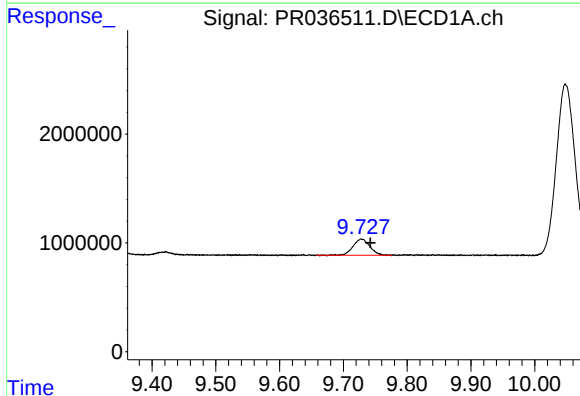
R.T.: 9.331 min
Delta R.T.: -0.014 min
Response: 7909822
Conc: 89.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
SIMW-02-20190319MS



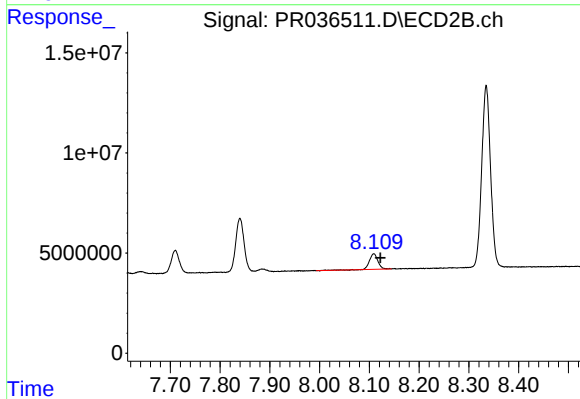
#44 AR-1268-4

R.T.: 7.840 min
Delta R.T.: -0.013 min
Response: 30248737
Conc: 84.20 ng/ml



#45 AR-1268-5

R.T.: 9.728 min
Delta R.T.: -0.014 min
Response: 2737210
Conc: 4.33 ng/ml



#45 AR-1268-5

R.T.: 8.109 min
Delta R.T.: -0.013 min
Response: 9176785
Conc: 3.71 ng/ml