

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080223\
 Data File : P0096578.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2023 10:47
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 01:59:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 28 01:38:03 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...	4.419	3.622	169.9E6	68828628	50.854	48.589
2) SA Decachlor...	10.247	8.647	117.9E6	56436616	53.269	47.978
Target Compounds						
3) L1 AR-1016-1	5.601	4.709	42029367	19380517	448.428	428.788
4) L1 AR-1016-2	5.623	4.728	60034761	26604497	449.973	423.533
5) L1 AR-1016-3	5.686	4.905	37376527	14545366	450.113	426.062
6) L1 AR-1016-4	5.786	4.947	29755578	12141401	438.031	415.926
7) L1 AR-1016-5	6.083	5.161	32041671	15839370	447.519	416.685
8) L2 AR-1221-1	4.626	3.835	5748721	2468560	139.711	131.715
9) L2 AR-1221-2	4.718	3.922	8229761	3383363	273.781	238.894
10) L2 AR-1221-3	4.794	3.998	27174204	11700504	309.371	282.585
11) L3 AR-1232-1	4.794	3.998	27174204	11700504	377.815	344.390
12) L3 AR-1232-2	5.330	4.728	36175841	26604497	921.276	907.186
13) L3 AR-1232-3	5.623	4.905	60034761	14545366	985.064	933.205
14) L3 AR-1232-4	5.786	4.989	29755578	15382796	980.547	1012.367
15) L3 AR-1232-5	5.878	5.161	27899853	15839370	1002.934	950.908
16) L4 AR-1242-1	5.601	4.709	42029367	19380517	518.619	494.676
17) L4 AR-1242-2	5.623	4.728	60034761	26604497	524.704	494.814
18) L4 AR-1242-3	5.686	4.905	37376527	14545366	525.013	494.788
19) L4 AR-1242-4	5.786	4.989	29755578	15382796	515.088	490.775
20) L4 AR-1242-5	6.529	5.514	29957173	18146423	540.307	502.988
21) L5 AR-1248-1	5.601	4.709	42029367	19380517	731.863	693.737
22) L5 AR-1248-2	5.878	4.947	27899853	12141401	300.836	287.980
23) L5 AR-1248-3	6.083	4.989	32041671	15382796	325.201	350.098
24) L5 AR-1248-4	6.490	5.161	28651802	15839370	308.641	308.946
25) L5 AR-1248-5	6.529	5.555	29957173	15318282	324.394	326.348
26) L6 AR-1254-1	6.462	5.514	21636423	18146423	204.593	246.950
27) L6 AR-1254-2	6.687	5.662	25173850	4845807	162.257	74.243 #
28) L6 AR-1254-3	7.053	6.067	10964241	5804989	71.840	57.530
29) L6 AR-1254-4	7.340	6.297	7228428	4663366	73.955	78.173
30) L6 AR-1254-5	7.763	6.716	2192569	1488270	19.898	17.144
31) L7 AR-1260-1	7.223	6.212	2113260	2167739	16.241	29.747 #
32) L7 AR-1260-2	7.478	6.386	1242552	832030	9.070	9.621
33) L7 AR-1260-3	7.763	6.538	2192569	869624	14.341	10.866
34) L7 AR-1260-4	8.055	7.051	2135819	492228	17.540	7.538 #
35) L7 AR-1260-5	8.389	7.234	379236	157178	1.724	1.109 #
36) L8 AR-1262-1	7.848	6.831	848295	169262	5.746	4.308 #
37) L8 AR-1262-2	8.389	7.051	379236	492228	1.663	6.032 #
38) L8 AR-1262-3	8.726	7.607f	730677	730016	4.395	11.410 #
39) L8 AR-1262-4	8.795	7.607	84664	730016	0.655	6.445 #
40) L8 AR-1262-5	9.483	0.000	40573	0	0.476	N.D. #
41) L9 AR-1268-1	8.726	7.607f	730677	730016	2.402	3.912 #

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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 01:59:20 2023
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 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 28 01:38:03 2023
 Response via : Initial Calibration
 Integrator: ChemStation

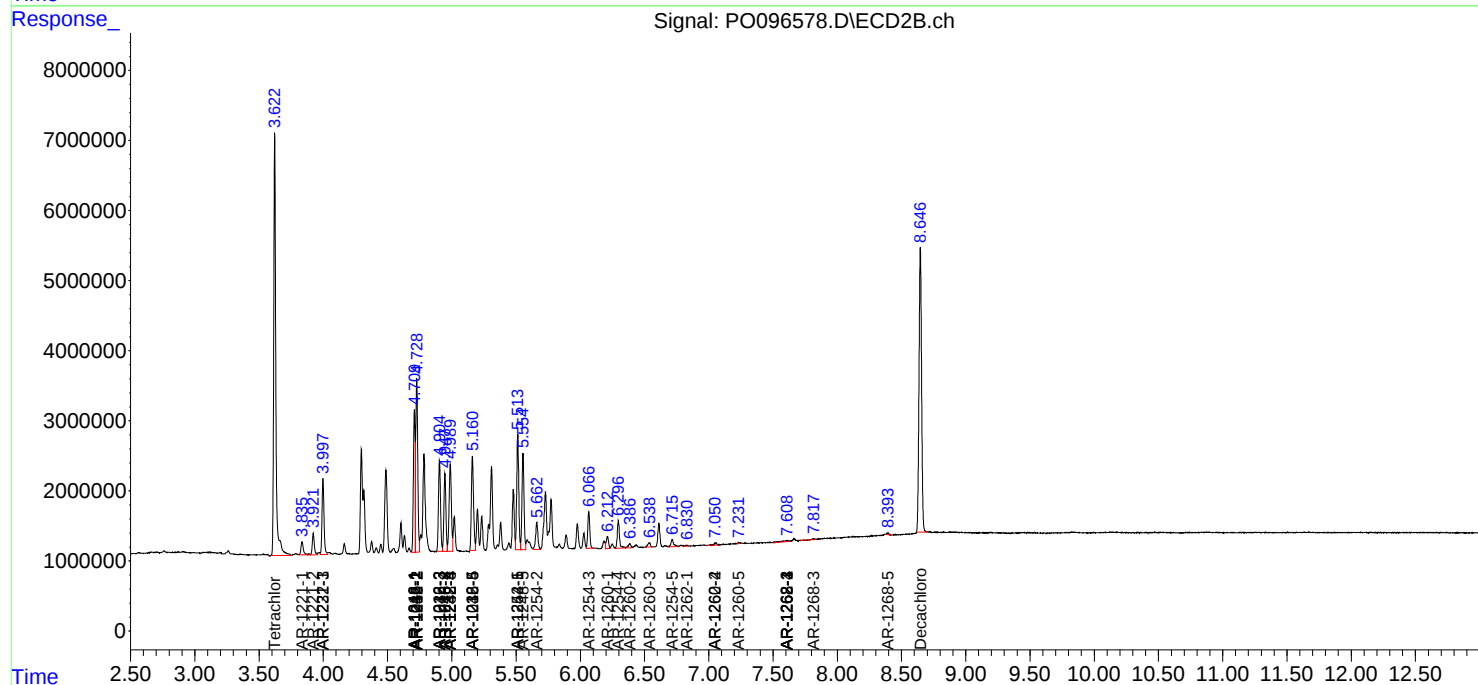
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

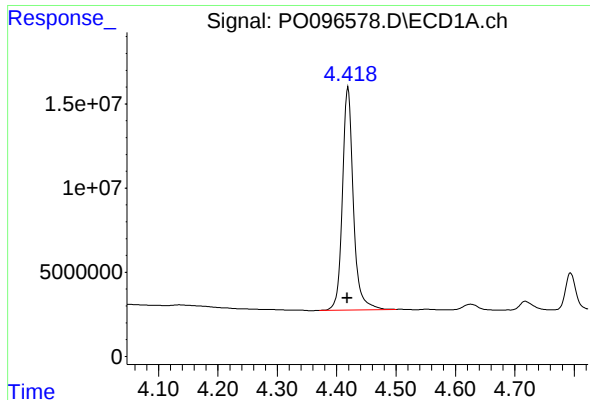
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.795	7.607	84664	730016	0.316	4.339 #
43) L9	AR-1268-3	9.032	7.817	380983	35944	1.522	0.245 #
44) L9	AR-1268-4	9.483	0.000	40573	0	0.438	N.D. #
45) L9	AR-1268-5	9.901	8.393	694826	311504	0.871	0.722

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

Instrument :
ECD_O
ClientSampleId :

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

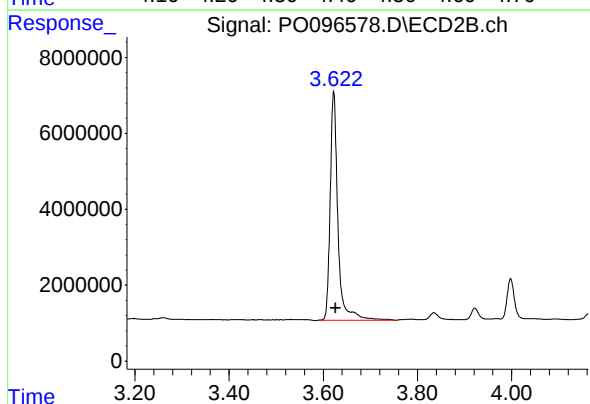




#1 Tetrachloro-m-xylene

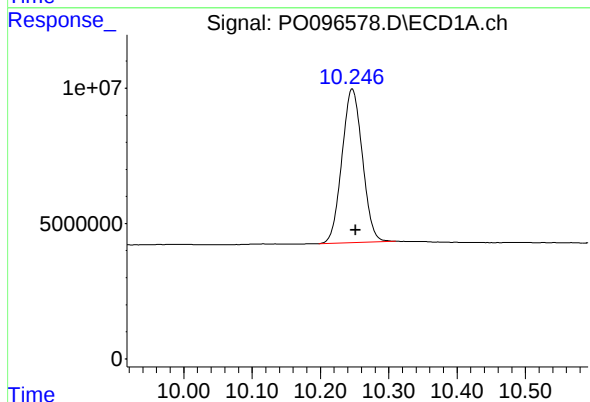
R.T.: 4.419 min
Delta R.T.: 0.000 min
Response: 169912803
Conc: 50.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



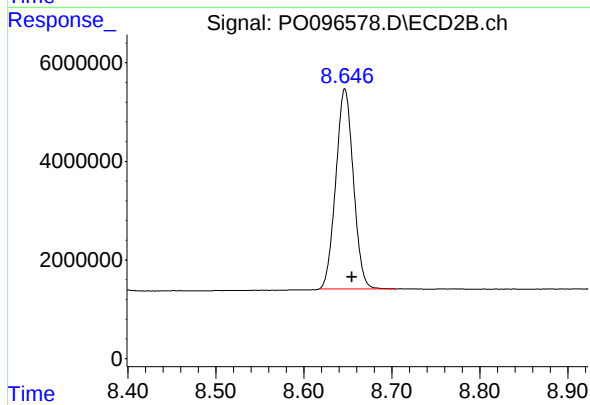
#1 Tetrachloro-m-xylene

R.T.: 3.622 min
Delta R.T.: -0.005 min
Response: 68828628
Conc: 48.59 ng/ml



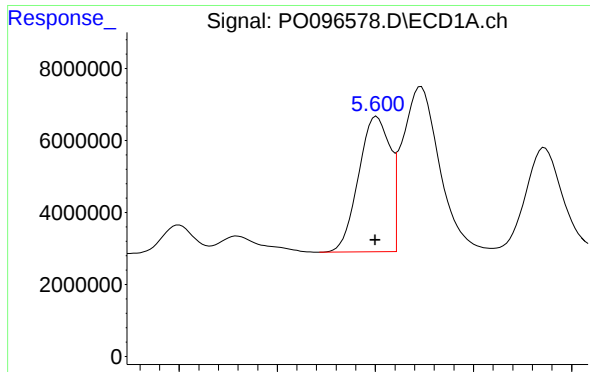
#2 Decachlorobiphenyl

R.T.: 10.247 min
Delta R.T.: -0.005 min
Response: 117858991
Conc: 53.27 ng/ml



#2 Decachlorobiphenyl

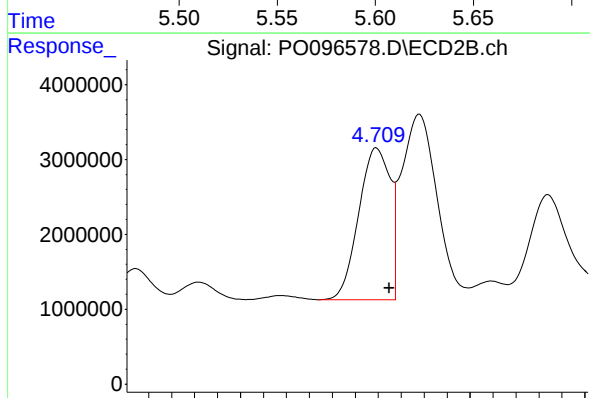
R.T.: 8.647 min
Delta R.T.: -0.008 min
Response: 56436616
Conc: 47.98 ng/ml



#3 AR-1016-1

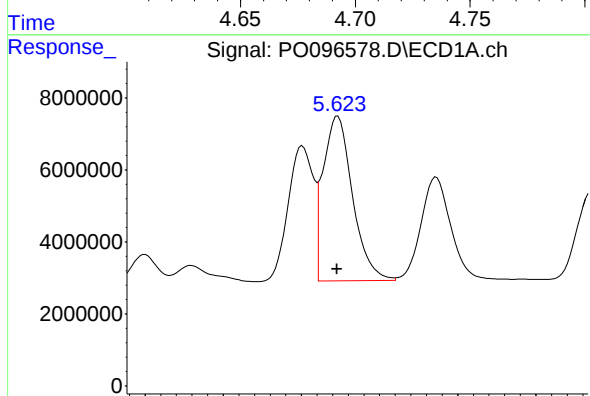
R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 42029367
Conc: 448.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



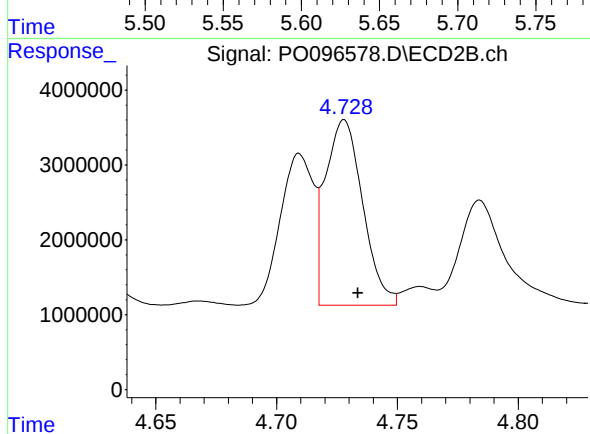
#3 AR-1016-1

R.T.: 4.709 min
Delta R.T.: -0.005 min
Response: 19380517
Conc: 428.79 ng/ml



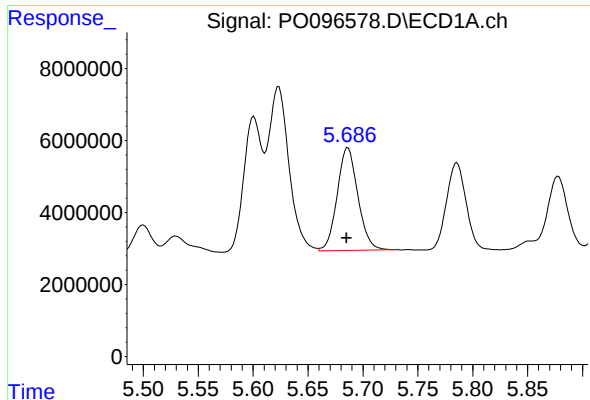
#4 AR-1016-2

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 60034761
Conc: 449.97 ng/ml



#4 AR-1016-2

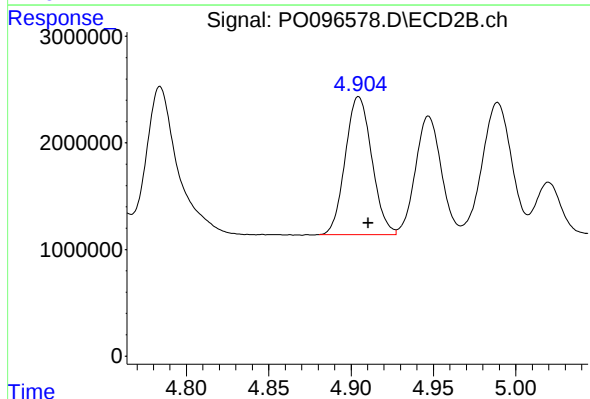
R.T.: 4.728 min
Delta R.T.: -0.006 min
Response: 26604497
Conc: 423.53 ng/ml



#5 AR-1016-3

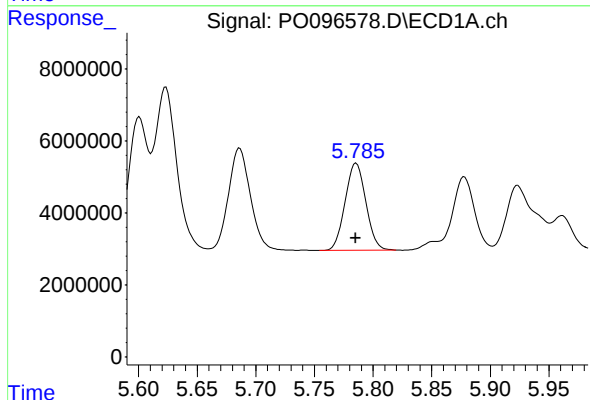
R.T.: 5.686 min
Delta R.T.: 0.001 min
Response: 37376527
Conc: 450.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



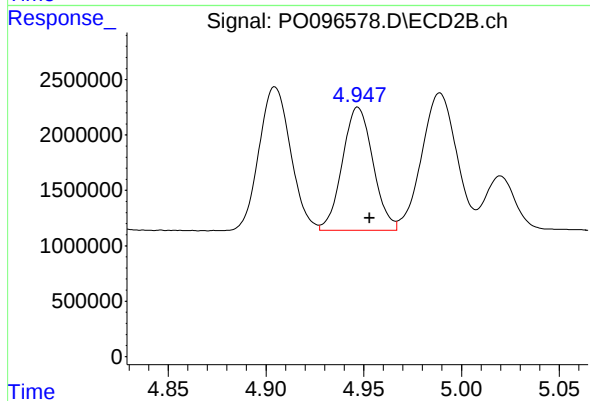
#5 AR-1016-3

R.T.: 4.905 min
Delta R.T.: -0.006 min
Response: 14545366
Conc: 426.06 ng/ml



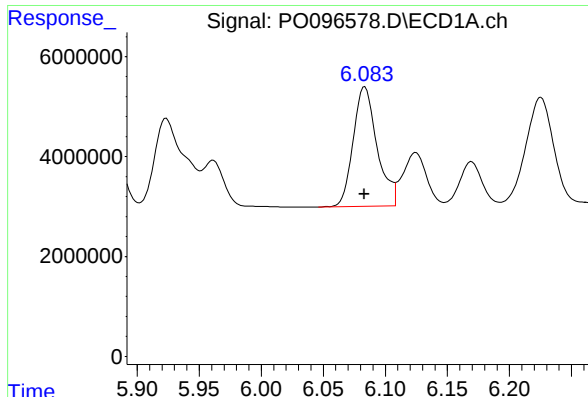
#6 AR-1016-4

R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 29755578
Conc: 438.03 ng/ml



#6 AR-1016-4

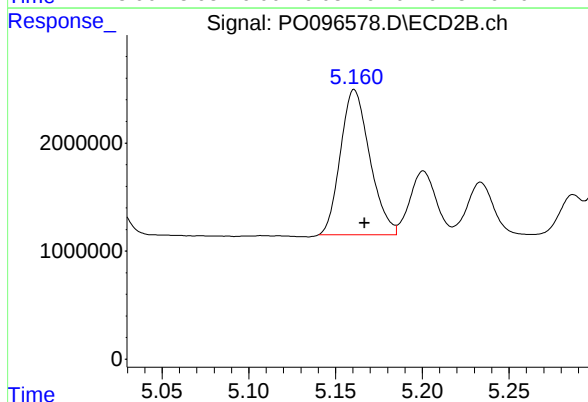
R.T.: 4.947 min
Delta R.T.: -0.006 min
Response: 12141401
Conc: 415.93 ng/ml



#7 AR-1016-5

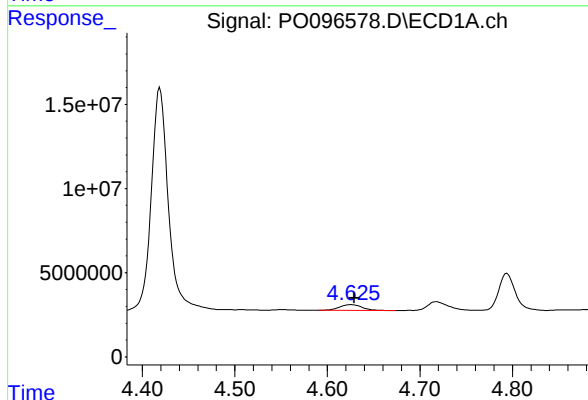
R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 32041671
Conc: 447.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



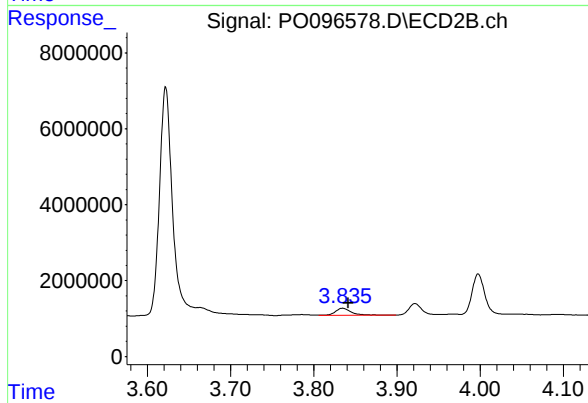
#7 AR-1016-5

R.T.: 5.161 min
Delta R.T.: -0.006 min
Response: 15839370
Conc: 416.69 ng/ml



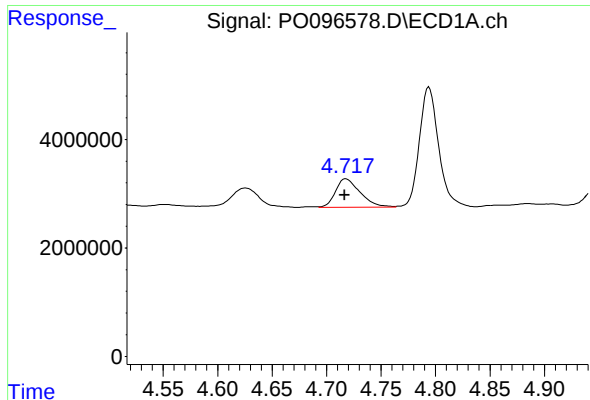
#8 AR-1221-1

R.T.: 4.626 min
Delta R.T.: -0.003 min
Response: 5748721
Conc: 139.71 ng/ml



#8 AR-1221-1

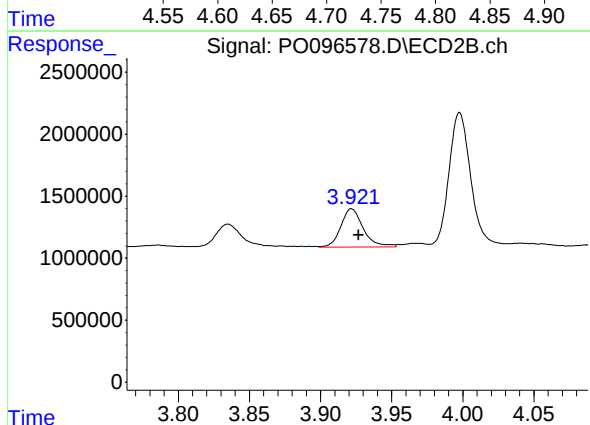
R.T.: 3.835 min
Delta R.T.: -0.007 min
Response: 2468560
Conc: 131.72 ng/ml



#9 AR-1221-2

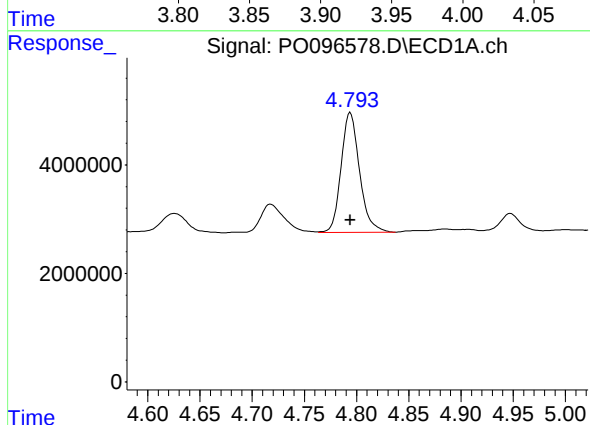
R.T.: 4.718 min
Delta R.T.: 0.001 min
Response: 8229761
Conc: 273.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



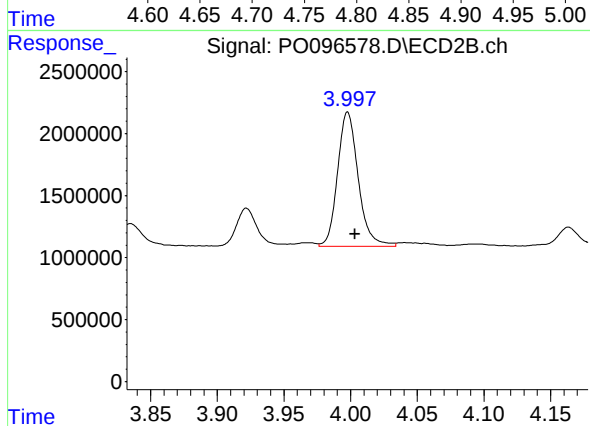
#9 AR-1221-2

R.T.: 3.922 min
Delta R.T.: -0.005 min
Response: 3383363
Conc: 238.89 ng/ml



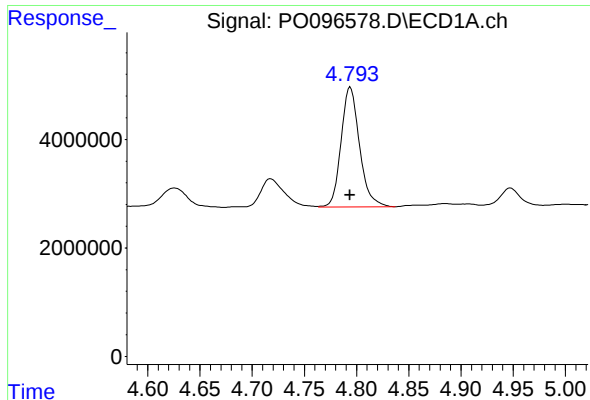
#10 AR-1221-3

R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 27174204
Conc: 309.37 ng/ml



#10 AR-1221-3

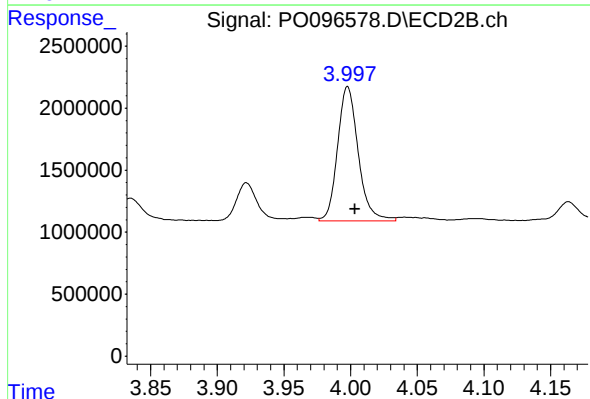
R.T.: 3.998 min
Delta R.T.: -0.005 min
Response: 11700504
Conc: 282.59 ng/ml



#11 AR-1232-1

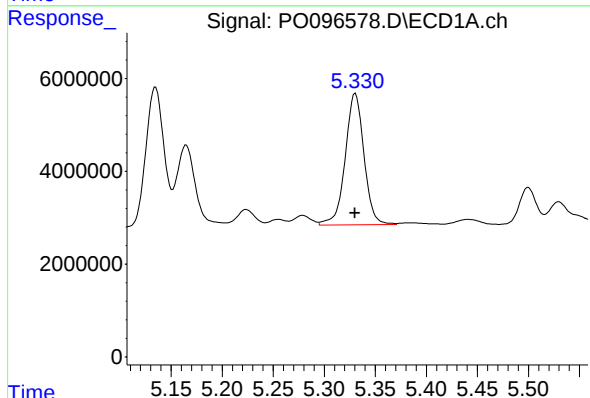
R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 27174204
Conc: 377.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



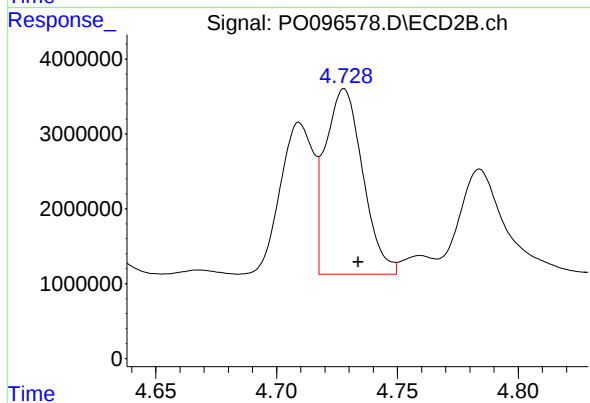
#11 AR-1232-1

R.T.: 3.998 min
Delta R.T.: -0.005 min
Response: 11700504
Conc: 344.39 ng/ml



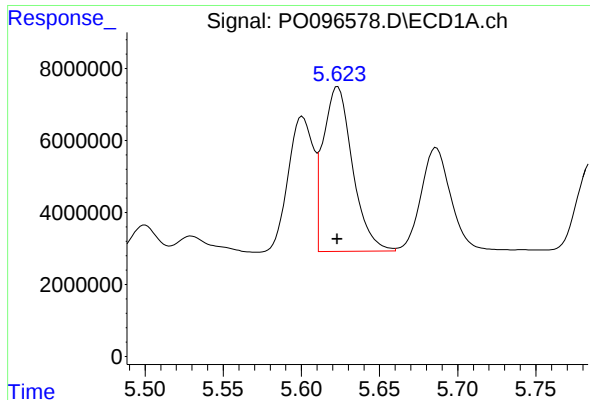
#12 AR-1232-2

R.T.: 5.330 min
Delta R.T.: 0.000 min
Response: 36175841
Conc: 921.28 ng/ml



#12 AR-1232-2

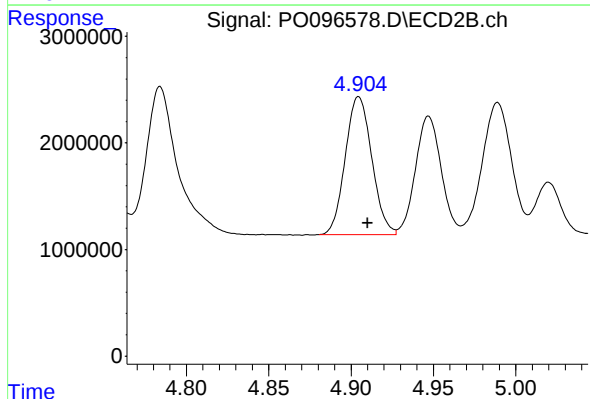
R.T.: 4.728 min
Delta R.T.: -0.006 min
Response: 26604497
Conc: 907.19 ng/ml



#13 AR-1232-3

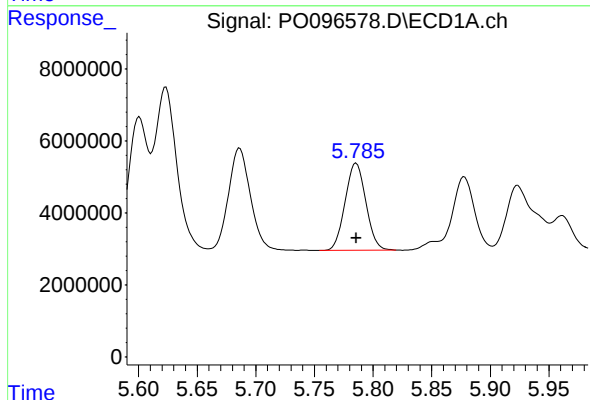
R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 60034761
Conc: 985.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



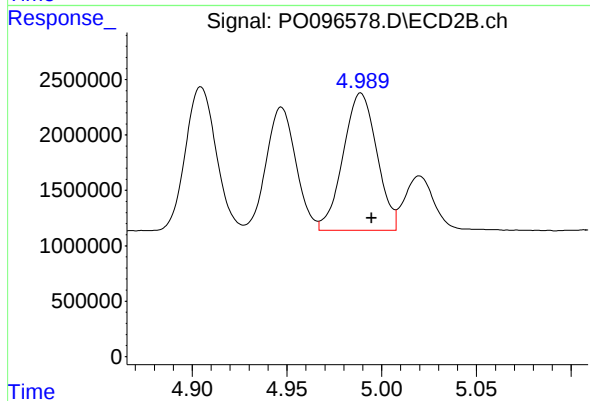
#13 AR-1232-3

R.T.: 4.905 min
Delta R.T.: -0.005 min
Response: 14545366
Conc: 933.20 ng/ml



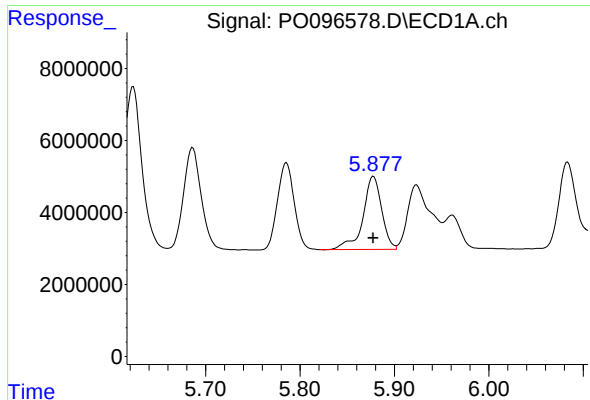
#14 AR-1232-4

R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 29755578
Conc: 980.55 ng/ml



#14 AR-1232-4

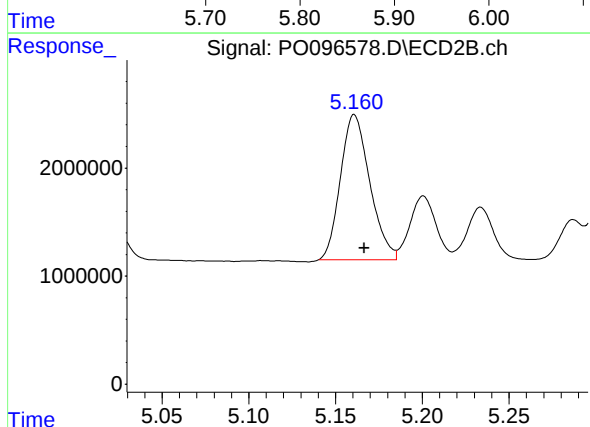
R.T.: 4.989 min
Delta R.T.: -0.006 min
Response: 15382796
Conc: 1012.37 ng/ml



#15 AR-1232-5

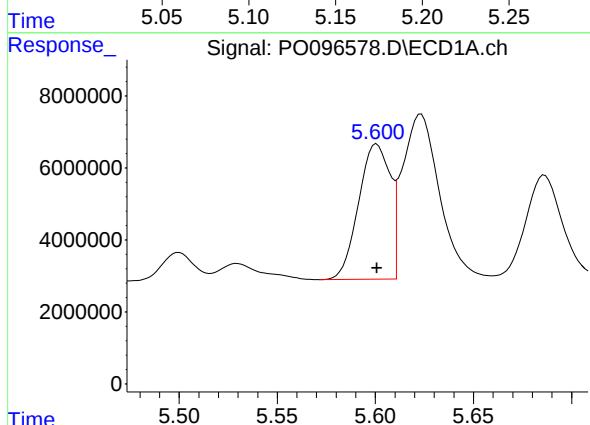
R.T.: 5.878 min
Delta R.T.: 0.000 min
Response: 27899853
Conc: 1002.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



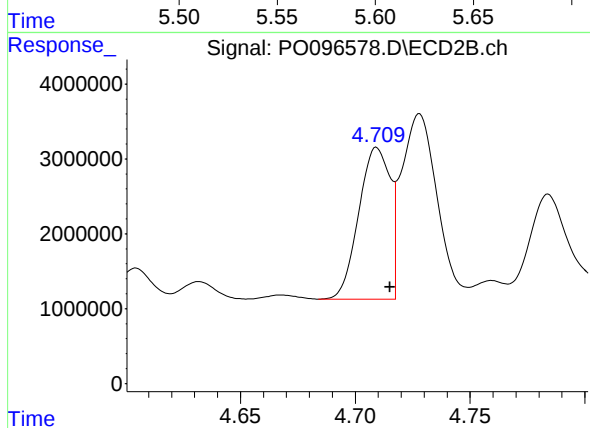
#15 AR-1232-5

R.T.: 5.161 min
Delta R.T.: -0.006 min
Response: 15839370
Conc: 950.91 ng/ml



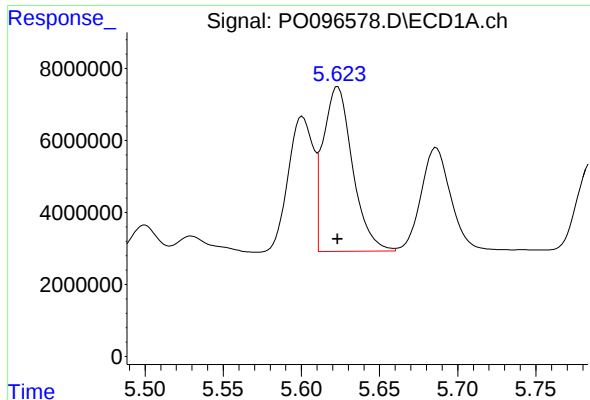
#16 AR-1242-1

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 42029367
Conc: 518.62 ng/ml



#16 AR-1242-1

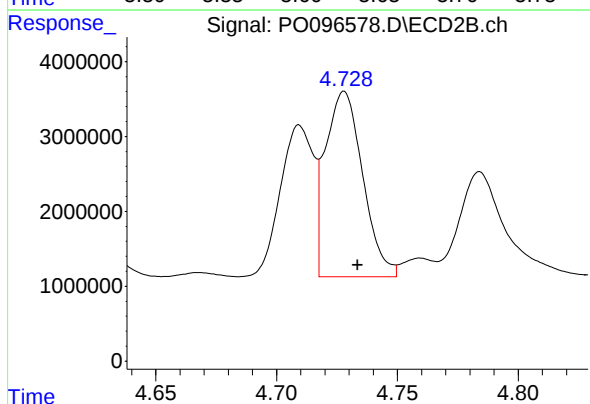
R.T.: 4.709 min
Delta R.T.: -0.006 min
Response: 19380517
Conc: 494.68 ng/ml



#17 AR-1242-2

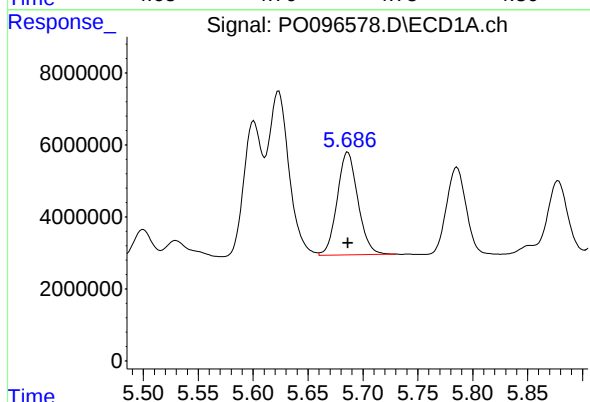
R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 60034761
Conc: 524.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



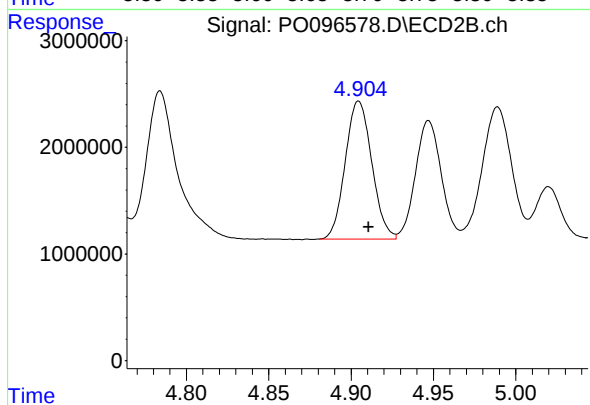
#17 AR-1242-2

R.T.: 4.728 min
Delta R.T.: -0.006 min
Response: 26604497
Conc: 494.81 ng/ml



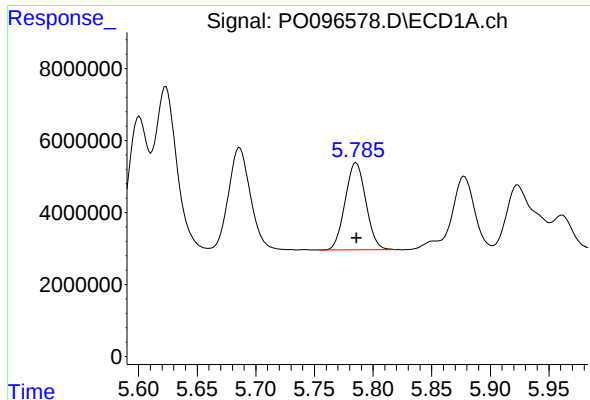
#18 AR-1242-3

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 37376527
Conc: 525.01 ng/ml



#18 AR-1242-3

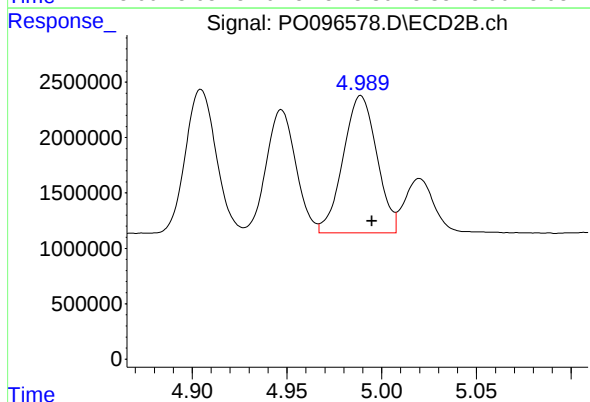
R.T.: 4.905 min
Delta R.T.: -0.006 min
Response: 14545366
Conc: 494.79 ng/ml



#19 AR-1242-4

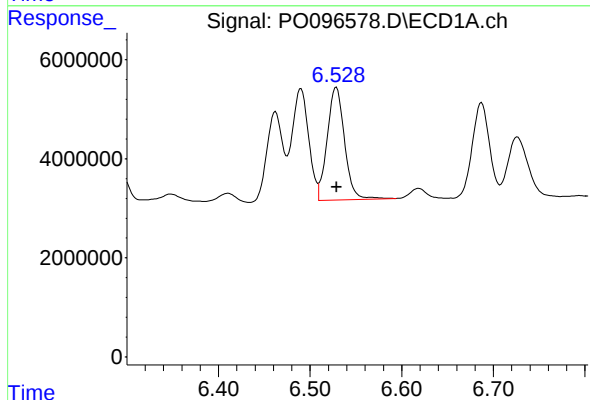
R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 29755578
Conc: 515.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



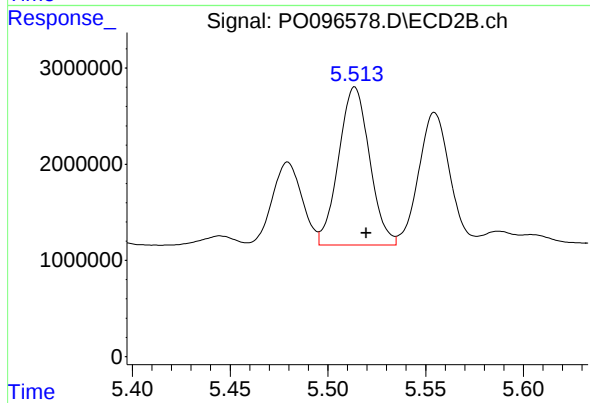
#19 AR-1242-4

R.T.: 4.989 min
Delta R.T.: -0.006 min
Response: 15382796
Conc: 490.77 ng/ml



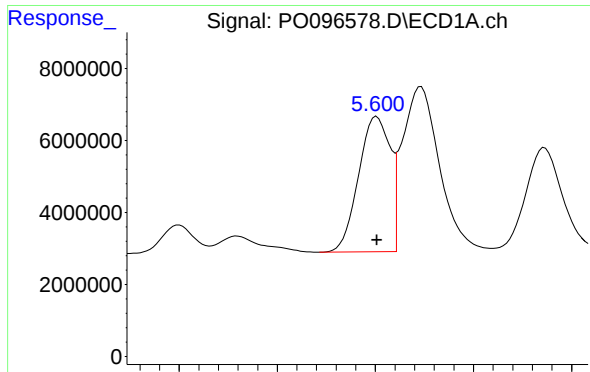
#20 AR-1242-5

R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 29957173
Conc: 540.31 ng/ml



#20 AR-1242-5

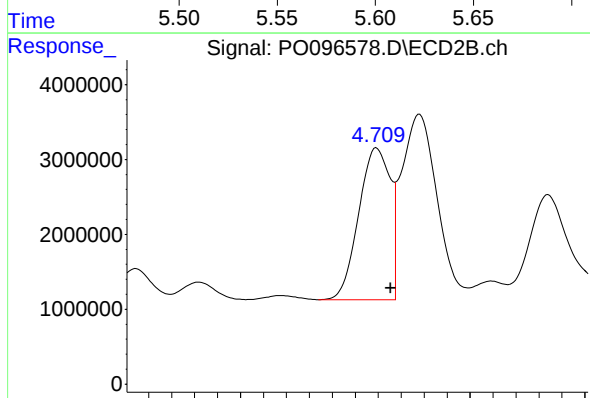
R.T.: 5.514 min
Delta R.T.: -0.006 min
Response: 18146423
Conc: 502.99 ng/ml



#21 AR-1248-1

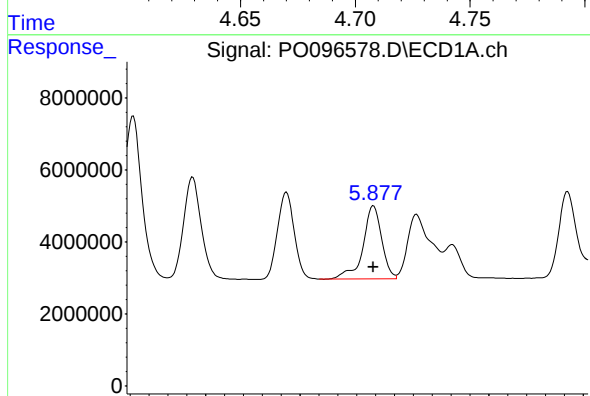
R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 42029367
Conc: 731.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



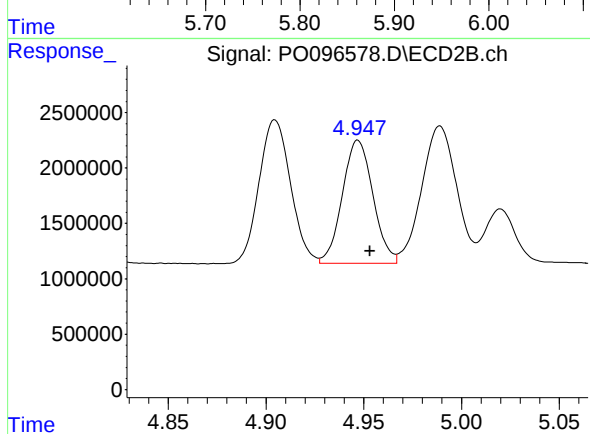
#21 AR-1248-1

R.T.: 4.709 min
Delta R.T.: -0.006 min
Response: 19380517
Conc: 693.74 ng/ml



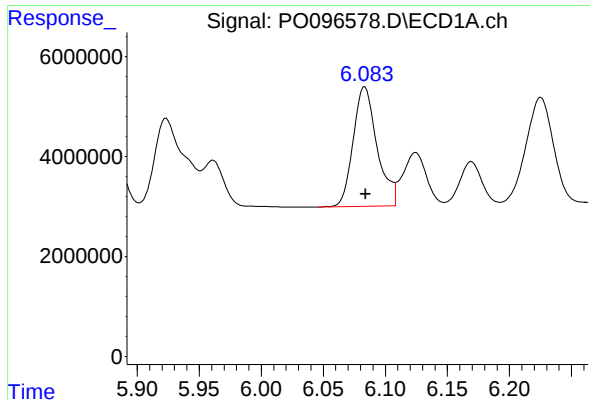
#22 AR-1248-2

R.T.: 5.878 min
Delta R.T.: 0.000 min
Response: 27899853
Conc: 300.84 ng/ml



#22 AR-1248-2

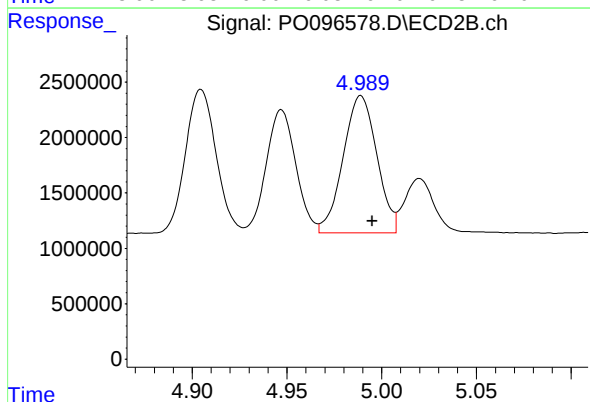
R.T.: 4.947 min
Delta R.T.: -0.006 min
Response: 12141401
Conc: 287.98 ng/ml



#23 AR-1248-3

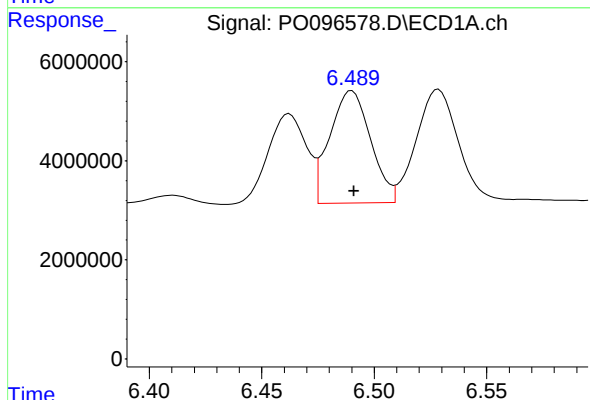
R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 32041671
Conc: 325.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



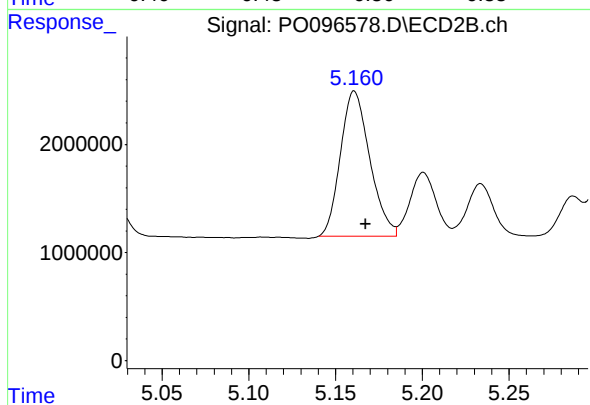
#23 AR-1248-3

R.T.: 4.989 min
Delta R.T.: -0.006 min
Response: 15382796
Conc: 350.10 ng/ml



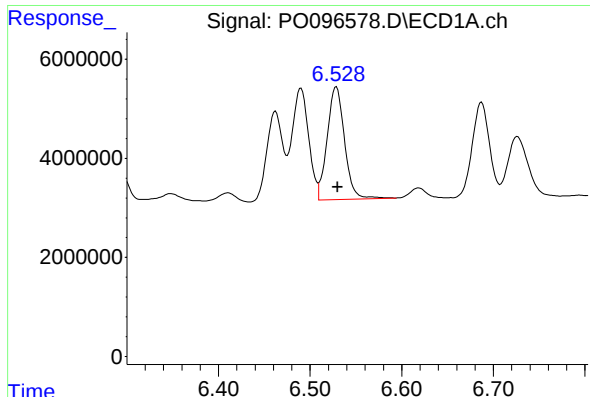
#24 AR-1248-4

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 28651802
Conc: 308.64 ng/ml



#24 AR-1248-4

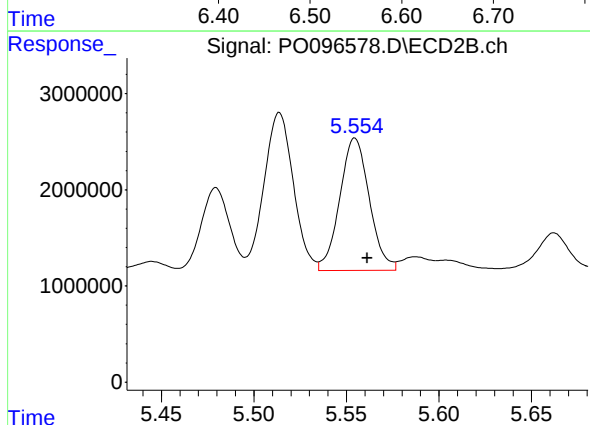
R.T.: 5.161 min
Delta R.T.: -0.006 min
Response: 15839370
Conc: 308.95 ng/ml



#25 AR-1248-5

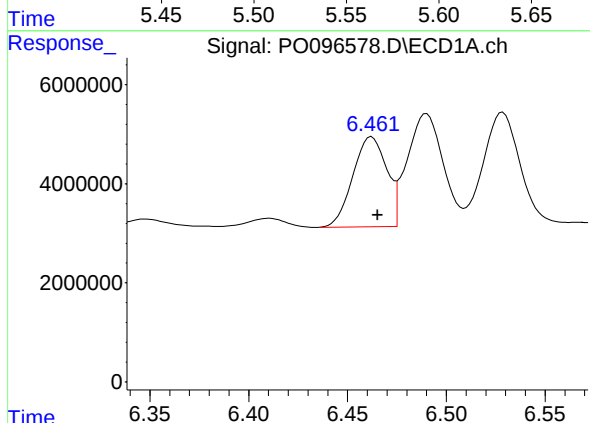
R.T.: 6.529 min
Delta R.T.: -0.001 min
Response: 29957173
Conc: 324.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



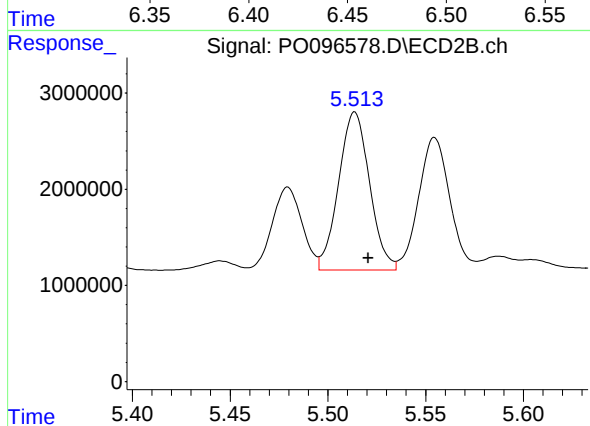
#25 AR-1248-5

R.T.: 5.555 min
Delta R.T.: -0.007 min
Response: 15318282
Conc: 326.35 ng/ml



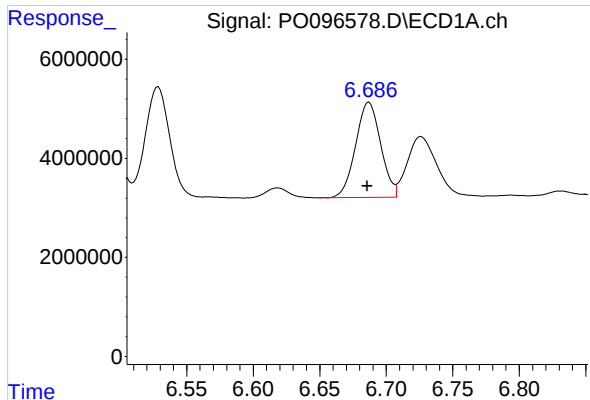
#26 AR-1254-1

R.T.: 6.462 min
Delta R.T.: -0.003 min
Response: 21636423
Conc: 204.59 ng/ml



#26 AR-1254-1

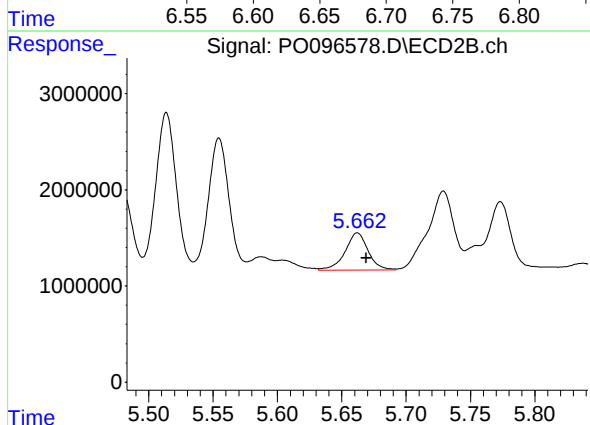
R.T.: 5.514 min
Delta R.T.: -0.007 min
Response: 18146423
Conc: 246.95 ng/ml



#27 AR-1254-2

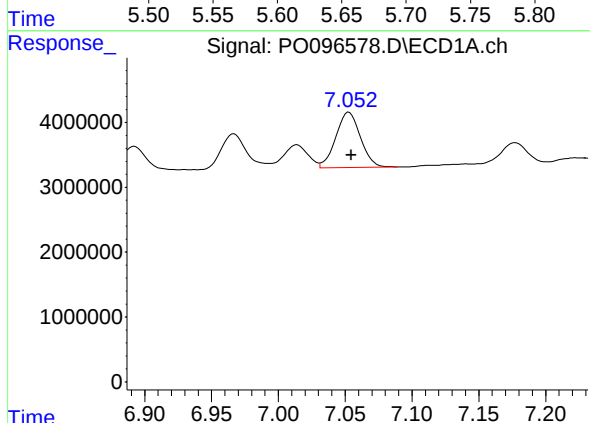
R.T.: 6.687 min
Delta R.T.: 0.001 min
Response: 25173850
Conc: 162.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



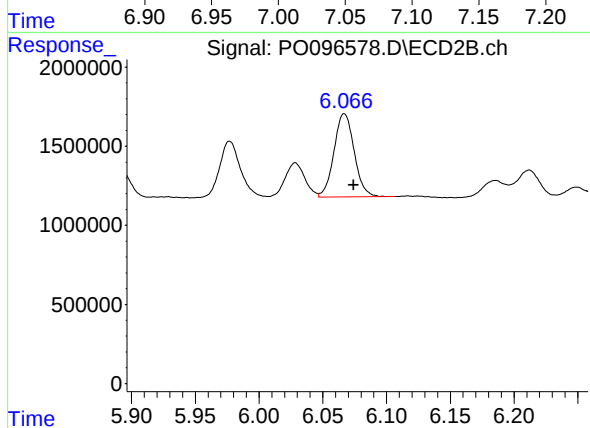
#27 AR-1254-2

R.T.: 5.662 min
Delta R.T.: -0.007 min
Response: 4845807
Conc: 74.24 ng/ml



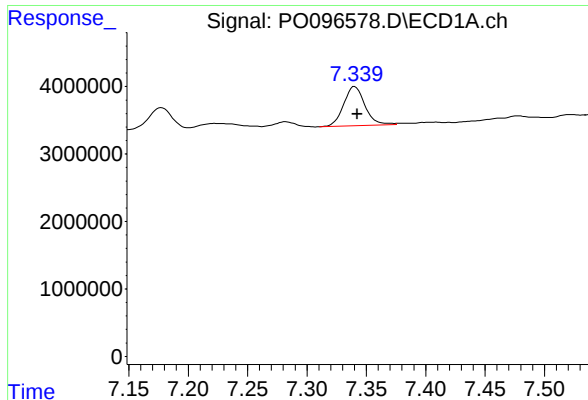
#28 AR-1254-3

R.T.: 7.053 min
Delta R.T.: -0.002 min
Response: 10964241
Conc: 71.84 ng/ml



#28 AR-1254-3

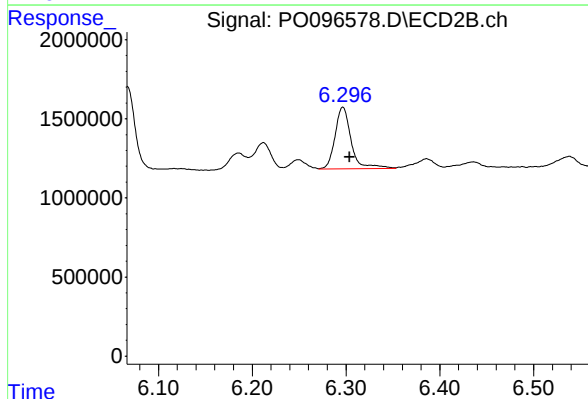
R.T.: 6.067 min
Delta R.T.: -0.007 min
Response: 5804989
Conc: 57.53 ng/ml



#29 AR-1254-4

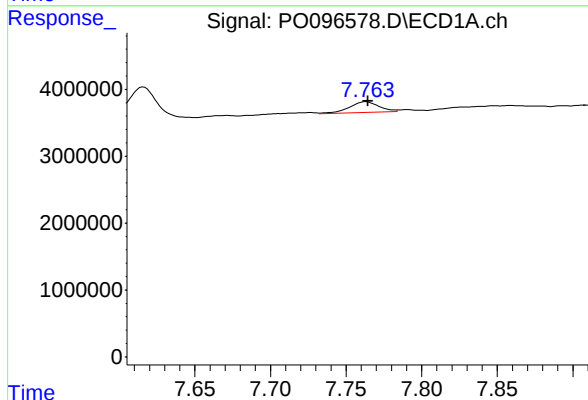
R.T.: 7.340 min
Delta R.T.: -0.002 min
Response: 7228428
Conc: 73.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



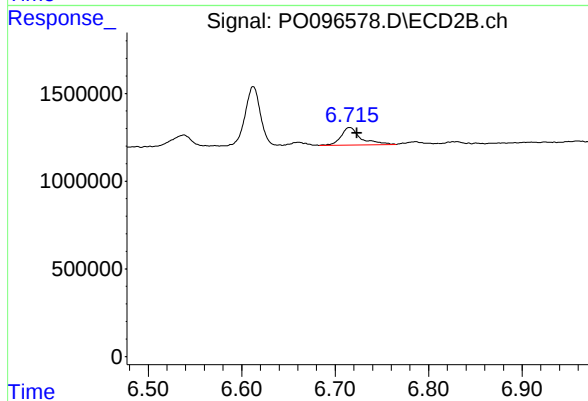
#29 AR-1254-4

R.T.: 6.297 min
Delta R.T.: -0.007 min
Response: 4663366
Conc: 78.17 ng/ml



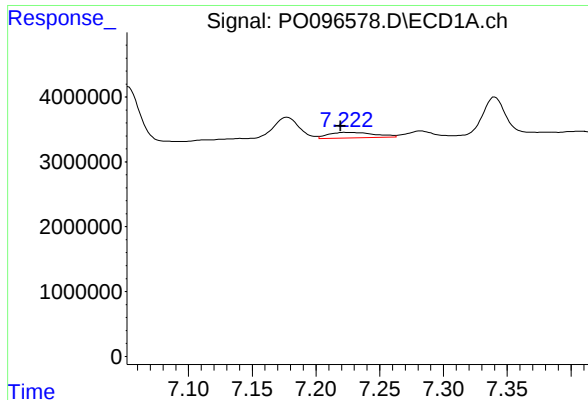
#30 AR-1254-5

R.T.: 7.763 min
Delta R.T.: -0.001 min
Response: 2192569
Conc: 19.90 ng/ml



#30 AR-1254-5

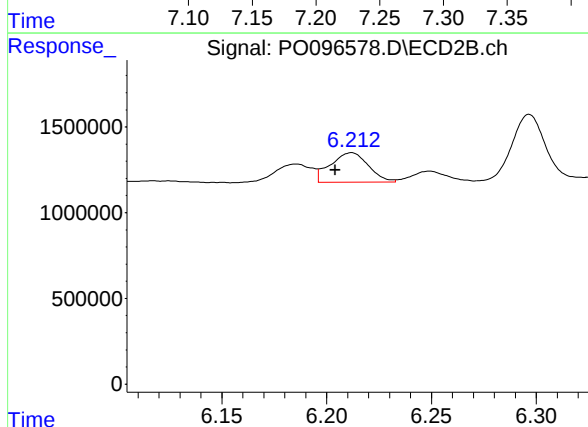
R.T.: 6.716 min
Delta R.T.: -0.008 min
Response: 1488270
Conc: 17.14 ng/ml



#31 AR-1260-1

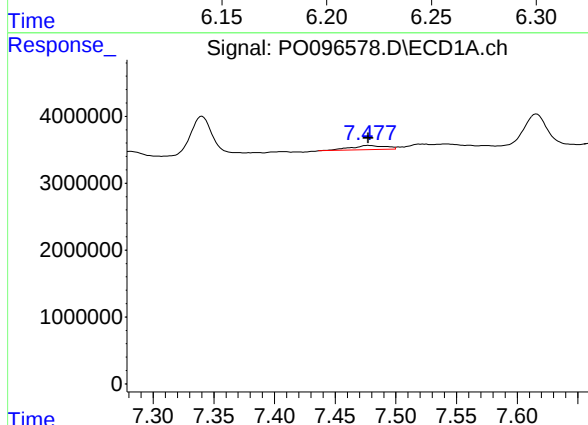
R.T.: 7.223 min
Delta R.T.: 0.003 min
Response: 2113260
Conc: 16.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



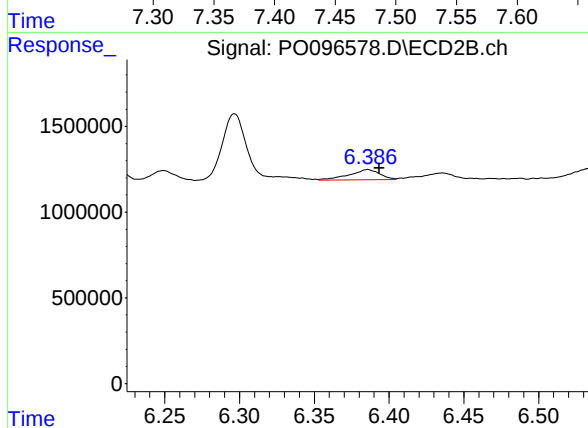
#31 AR-1260-1

R.T.: 6.212 min
Delta R.T.: 0.008 min
Response: 2167739
Conc: 29.75 ng/ml



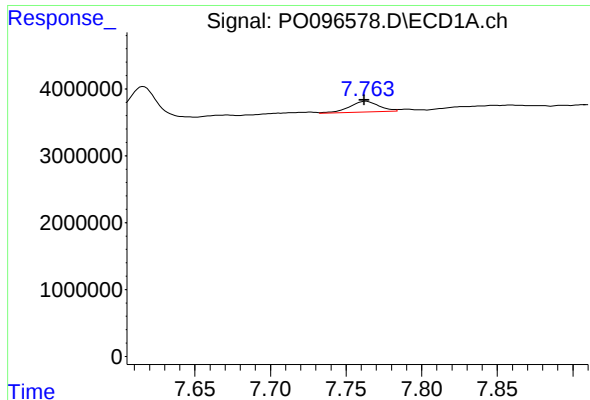
#32 AR-1260-2

R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 1242552
Conc: 9.07 ng/ml



#32 AR-1260-2

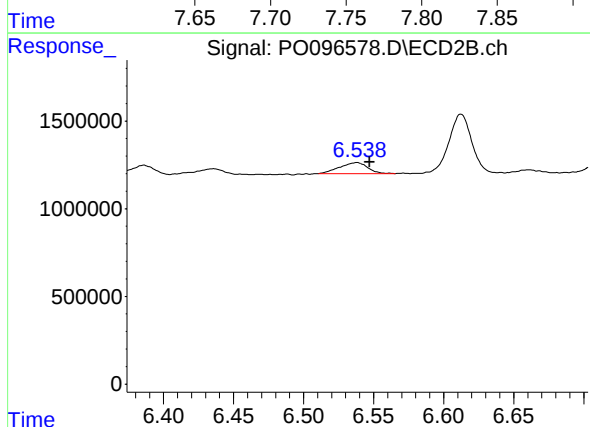
R.T.: 6.386 min
Delta R.T.: -0.008 min
Response: 832030
Conc: 9.62 ng/ml



#33 AR-1260-3

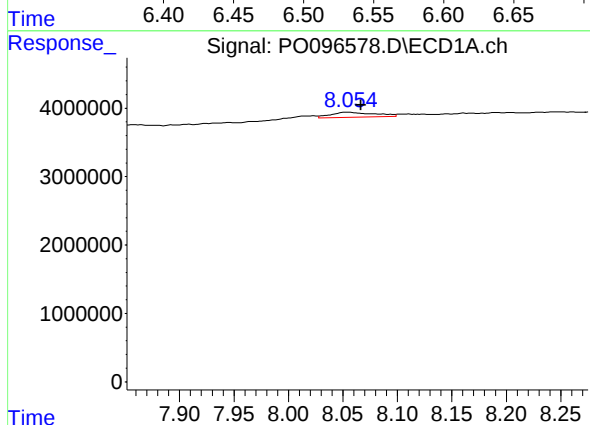
R.T.: 7.763 min
Delta R.T.: 0.001 min
Response: 2192569
Conc: 14.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



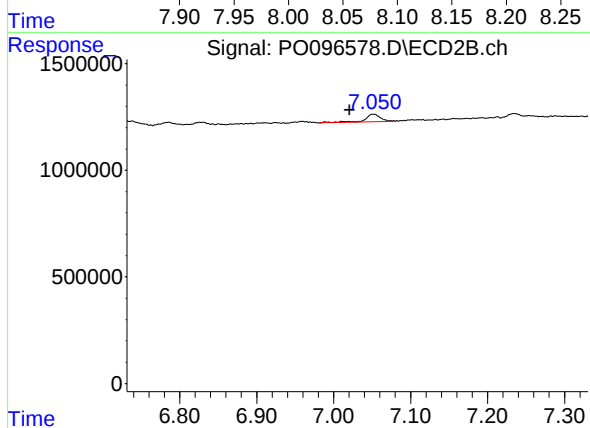
#33 AR-1260-3

R.T.: 6.538 min
Delta R.T.: -0.009 min
Response: 869624
Conc: 10.87 ng/ml



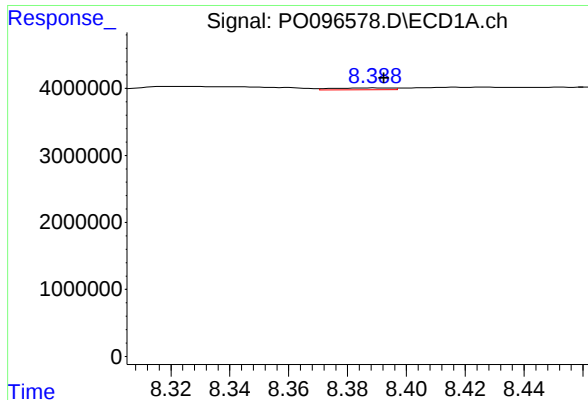
#34 AR-1260-4

R.T.: 8.055 min
Delta R.T.: -0.012 min
Response: 2135819
Conc: 17.54 ng/ml



#34 AR-1260-4

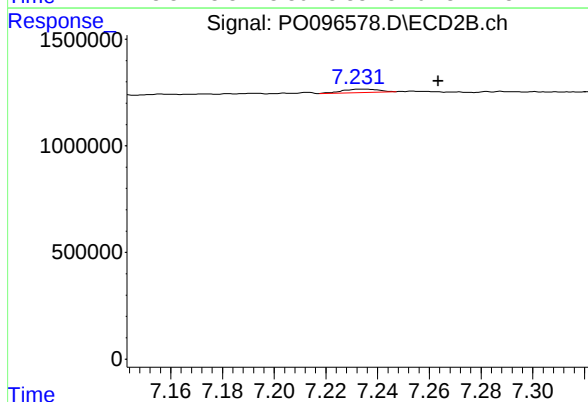
R.T.: 7.051 min
Delta R.T.: 0.031 min
Response: 492228
Conc: 7.54 ng/ml



#35 AR-1260-5

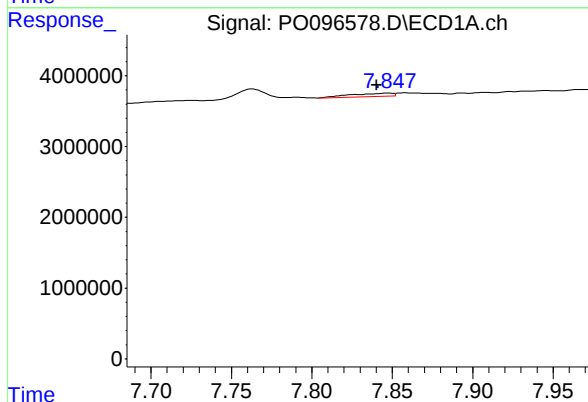
R.T.: 8.389 min
Delta R.T.: -0.003 min
Response: 379236
Conc: 1.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



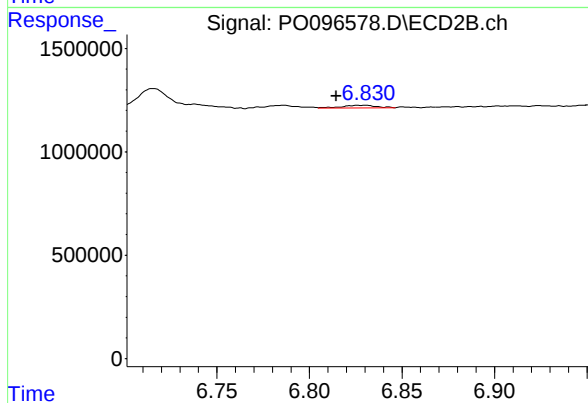
#35 AR-1260-5

R.T.: 7.234 min
Delta R.T.: -0.029 min
Response: 157178
Conc: 1.11 ng/ml



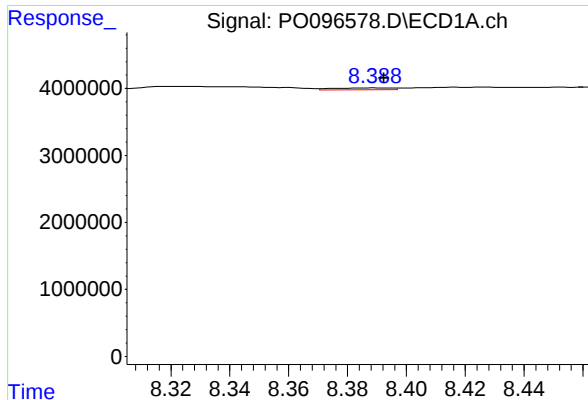
#36 AR-1262-1

R.T.: 7.848 min
Delta R.T.: 0.008 min
Response: 848295
Conc: 5.75 ng/ml



#36 AR-1262-1

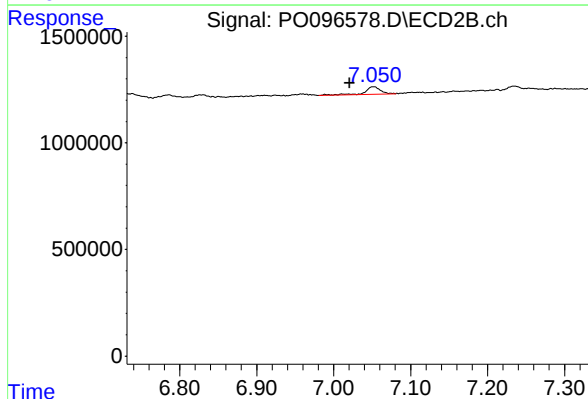
R.T.: 6.831 min
Delta R.T.: 0.016 min
Response: 169262
Conc: 4.31 ng/ml



#37 AR-1262-2

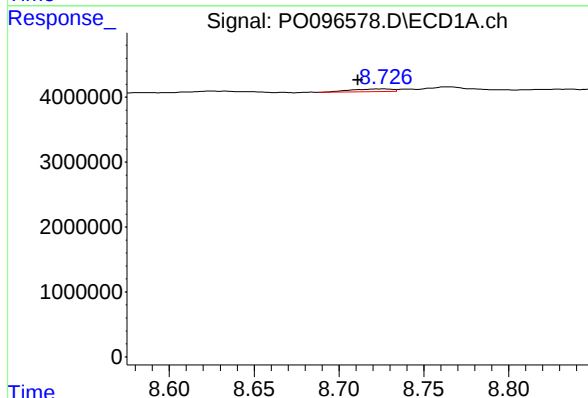
R.T.: 8.389 min
Delta R.T.: -0.003 min
Response: 379236
Conc: 1.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



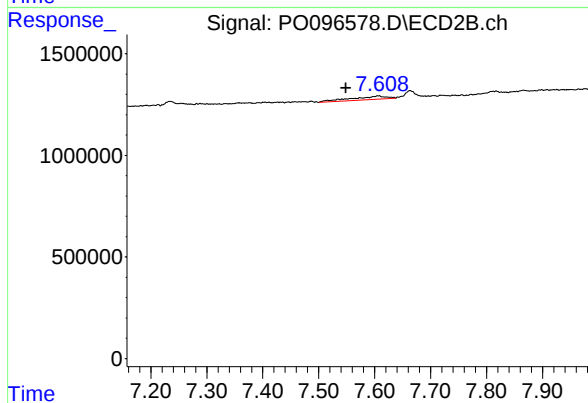
#37 AR-1262-2

R.T.: 7.051 min
Delta R.T.: 0.030 min
Response: 492228
Conc: 6.03 ng/ml



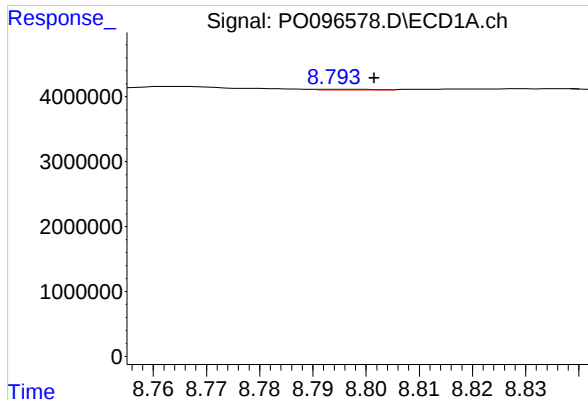
#38 AR-1262-3

R.T.: 8.726 min
Delta R.T.: 0.014 min
Response: 730677
Conc: 4.40 ng/ml



#38 AR-1262-3

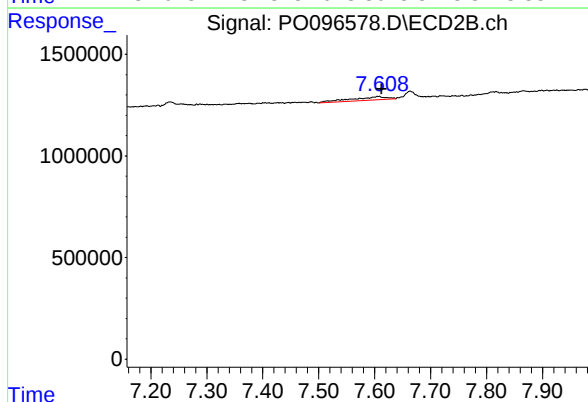
R.T.: 7.607 min
Delta R.T.: 0.058 min
Response: 730016
Conc: 11.41 ng/ml



#39 AR-1262-4

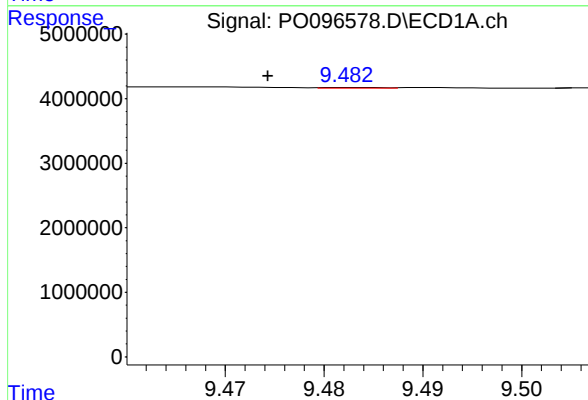
R.T.: 8.795 min
Delta R.T.: -0.007 min
Response: 84664
Conc: 0.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



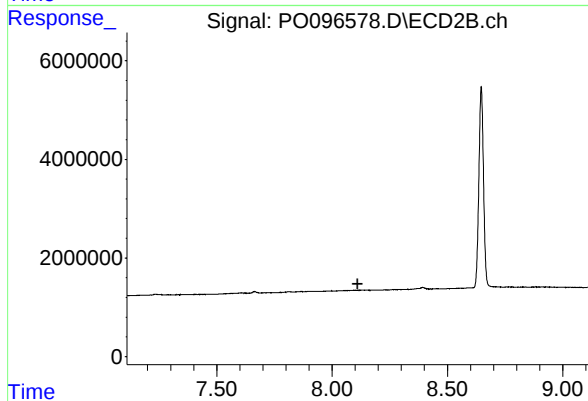
#39 AR-1262-4

R.T.: 7.607 min
Delta R.T.: -0.006 min
Response: 730016
Conc: 6.44 ng/ml



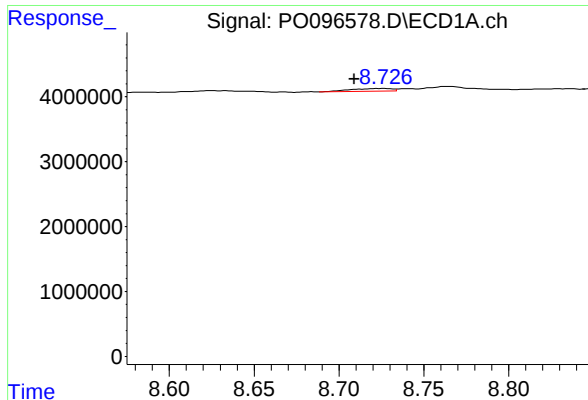
#40 AR-1262-5

R.T.: 9.483 min
Delta R.T.: 0.009 min
Response: 40573
Conc: 0.48 ng/ml



#40 AR-1262-5

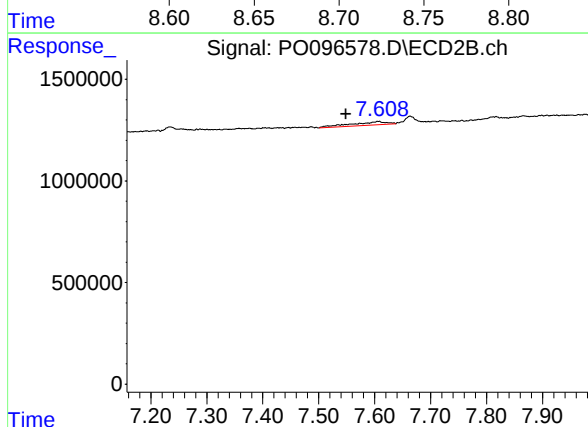
R.T.: 0.000 min
Exp R.T.: 8.110 min
Response: 0
Conc: N.D.



#41 AR-1268-1

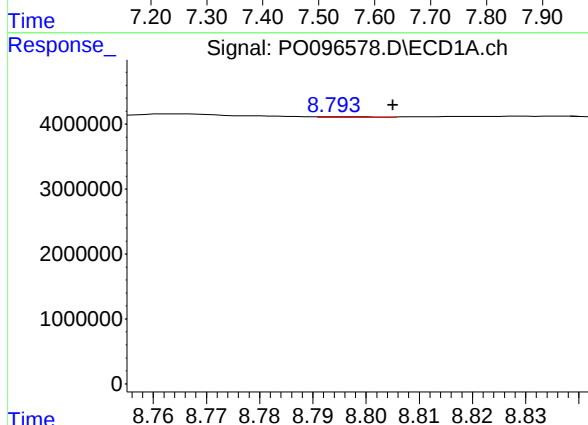
R.T.: 8.726 min
Delta R.T.: 0.017 min
Response: 730677
Conc: 2.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



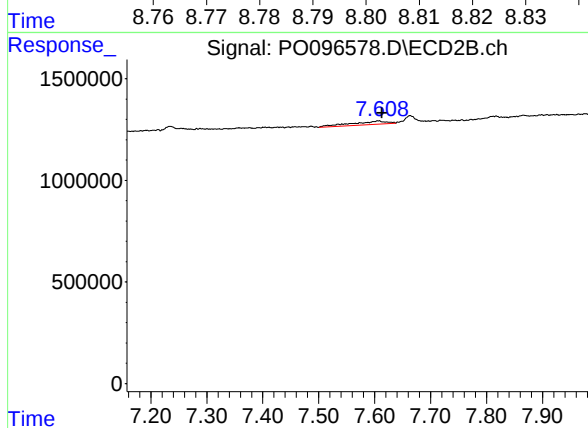
#41 AR-1268-1

R.T.: 7.607 min
Delta R.T.: 0.058 min
Response: 730016
Conc: 3.91 ng/ml



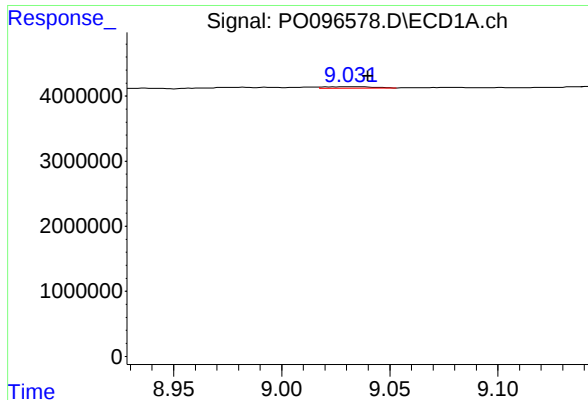
#42 AR-1268-2

R.T.: 8.795 min
Delta R.T.: -0.010 min
Response: 84664
Conc: 0.32 ng/ml



#42 AR-1268-2

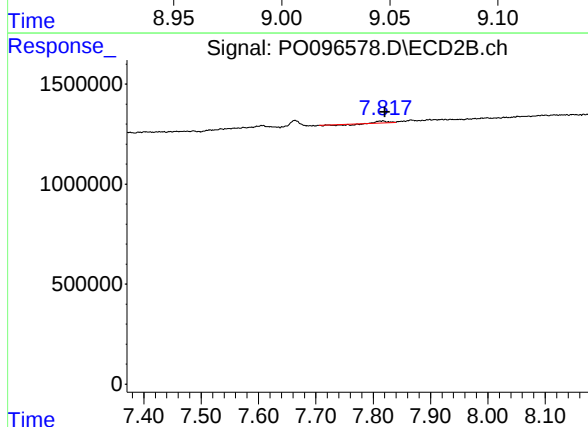
R.T.: 7.607 min
Delta R.T.: -0.006 min
Response: 730016
Conc: 4.34 ng/ml



#43 AR-1268-3

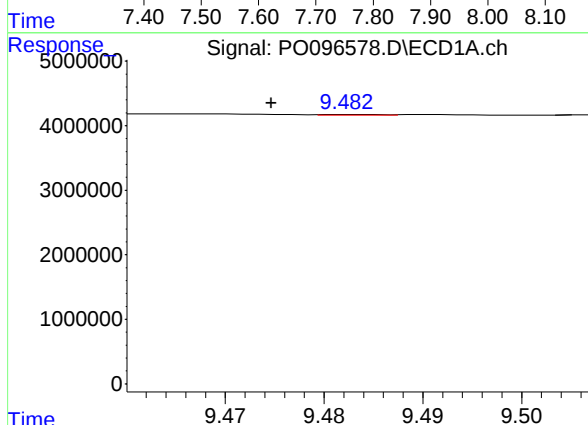
R.T.: 9.032 min
Delta R.T.: -0.008 min
Response: 380983
Conc: 1.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



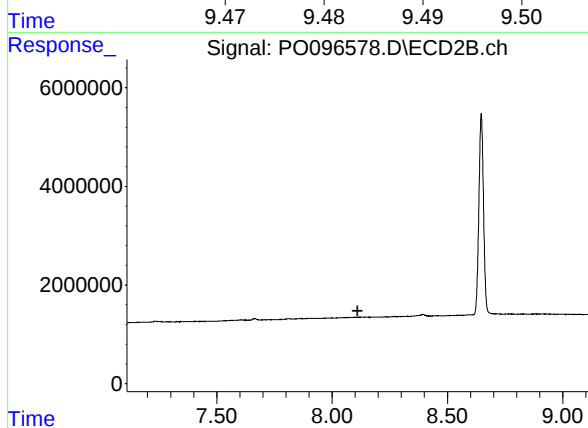
#43 AR-1268-3

R.T.: 7.817 min
Delta R.T.: -0.003 min
Response: 35944
Conc: 0.25 ng/ml



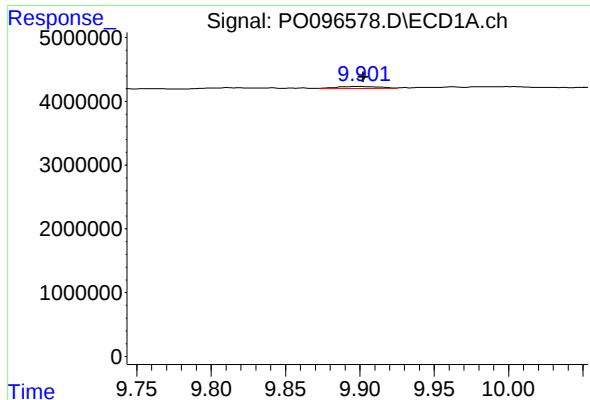
#44 AR-1268-4

R.T.: 9.483 min
Delta R.T.: 0.008 min
Response: 40573
Conc: 0.44 ng/ml



#44 AR-1268-4

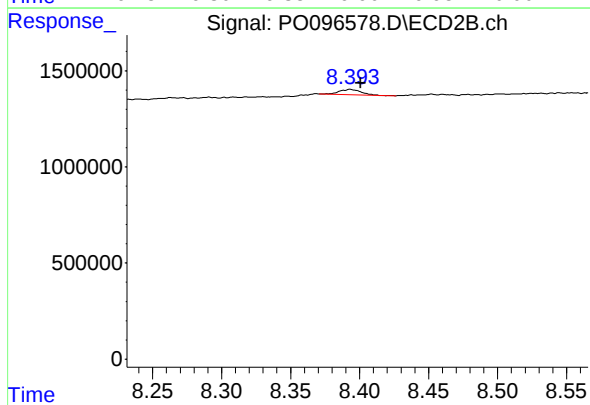
R.T.: 0.000 min
Exp R.T. : 8.110 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.901 min
Delta R.T.: -0.002 min
Response: 694826
Conc: 0.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.393 min
Delta R.T.: -0.007 min
Response: 311504
Conc: 0.72 ng/ml