

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0042324\
 Data File : P0103078.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2024 21:48
 Operator : YP/AJ
 Sample : P2223-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 W-5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 01:48:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0042224.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 23 02:20:10 2024
 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...	4.253	3.372	101.7E6	53286483	20.156	19.254
2) SA Decachlor...	9.775	8.226	72360168	37283260	24.919	21.716
Target Compounds						
3) L1 AR-1016-1	5.396	4.418	23251332	22383822	158.376	284.636 #
4) L1 AR-1016-2	5.421	4.439	52970969	18559201	245.298	158.146 #
5) L1 AR-1016-3	5.478	4.610	23328917	16245546	171.530	262.281 #
6) L1 AR-1016-4	5.576	4.651	27728727	10384028	256.861	196.027
7) L1 AR-1016-5	5.866	4.873	24192015	57368167	230.804	841.359 #
8) L2 AR-1221-1	4.459	3.576	7783792	2116650	134.011	67.685 #
9) L2 AR-1221-2	4.550	3.661	7726507	1183425	182.288	49.874 #
10) L2 AR-1221-3	4.615	3.720	11663950	13399563	91.536	188.919 #
11) L3 AR-1232-1	4.615	3.720	11663950	13399563	116.540	234.375 #
12) L3 AR-1232-2	5.132	4.439	12022864	18559201	211.433	340.030 #
13) L3 AR-1232-3	5.421	4.610	52970969	16245546	537.804	569.439
14) L3 AR-1232-4	5.576	4.689	27728727	10780881	578.026	398.115 #
15) L3 AR-1232-5	5.665	4.873	17681138	57368167	439.592	1971.617 #
16) L4 AR-1242-1	5.396	4.418	23251332	22383822	190.635	337.646 #
17) L4 AR-1242-2	5.421	4.439	52970969	18559201	295.772	190.249 #
18) L4 AR-1242-3	5.478	4.610	23328917	16245546	206.329	303.077 #
19) L4 AR-1242-4	5.576	4.689	27728727	10780881	310.597	195.484 #
20) L4 AR-1242-5	6.311	5.202	130.1E6	10965347	1556.917	173.263 #
21) L5 AR-1248-1	5.396	4.418	23251332	22383822	260.096	450.742 #
22) L5 AR-1248-2	5.665	4.651	17681138	10384028	128.164	137.959
23) L5 AR-1248-3	5.866	4.689	24192015	10780881	170.533	138.790
24) L5 AR-1248-4	6.262	4.873	16843381	57368167	118.824	639.680 #
25) L5 AR-1248-5	6.311	5.242	130.1E6	12308419	946.429	153.527 #
26) L6 AR-1254-1	6.235	5.202	9743830	10965347	61.388	81.522 #
27) L6 AR-1254-2	6.455	5.351	16291582	7108720	69.558	60.152
28) L6 AR-1254-3	6.813	5.740	18033584	12587429	77.830	71.885
29) L6 AR-1254-4	7.095	5.966	15627205	9358352	105.329	92.256
30) L6 AR-1254-5	7.509	6.376	8576883	5184796	51.570	34.414 #
31) L7 AR-1260-1	6.973	5.881	1755695	5967482	9.910	46.932 #
32) L7 AR-1260-2	7.228	6.054	5489681	3131125	27.678	20.387 #
33) L7 AR-1260-3	7.584	6.203	4290721	2935478	30.331	21.065 #
34) L7 AR-1260-4	7.802	6.665	6829361	2124813	43.932	19.317 #
35) L7 AR-1260-5	8.110	6.908	10702648	6924012	35.874	26.988
36) L8 AR-1262-1	7.509	6.376	8576883	5184796	62.872	64.009
37) L8 AR-1262-2	8.110	6.665	10702648	2124813	31.938	14.817 #
38) L8 AR-1262-3	8.416	7.182	4806244	3142522	21.739	25.894
39) L8 AR-1262-4	8.483	7.247	4222818	6939356	24.294	33.711 #
40) L8 AR-1262-5	9.092	7.739	2953059	1616551	25.153	18.373 #
41) L9 AR-1268-1	8.416	7.182	4806244	3142522	12.179	8.870 #

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 Acq On : 23 Apr 2024 21:48
 Operator : YP/AJ
 Sample : P2223-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

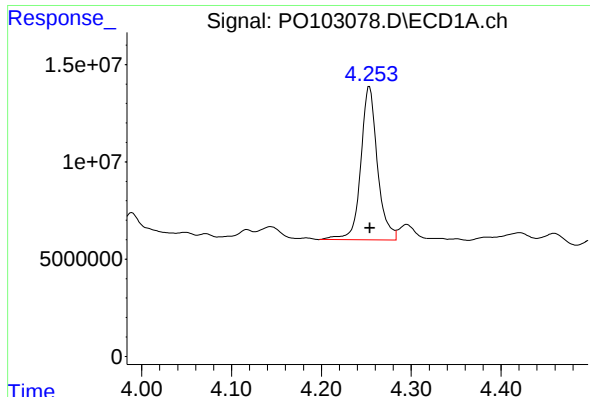
Instrument :
 ECD_O
 ClientSampleId :
 W-5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 01:48:23 2024
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 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	8.483	7.247	4222818	6939356	11.324	21.827 #
43) L9	AR-1268-3	8.700	7.447	380921	501092	1.150	1.846 #
44) L9	AR-1268-4	9.092	8.005	2953059	1448737	22.642	2.000 #
45) L9	AR-1268-5	9.472	8.226	1040332	37283260	0.991	120.269 #

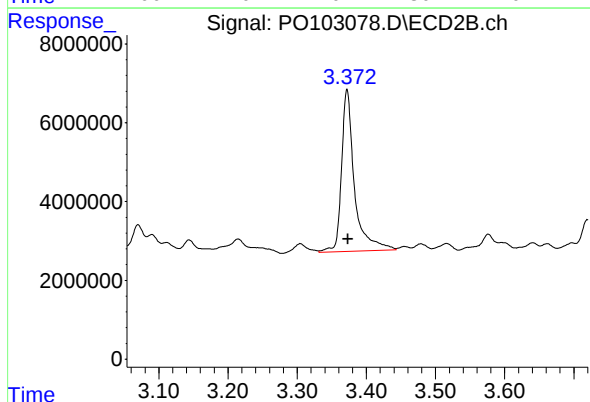
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

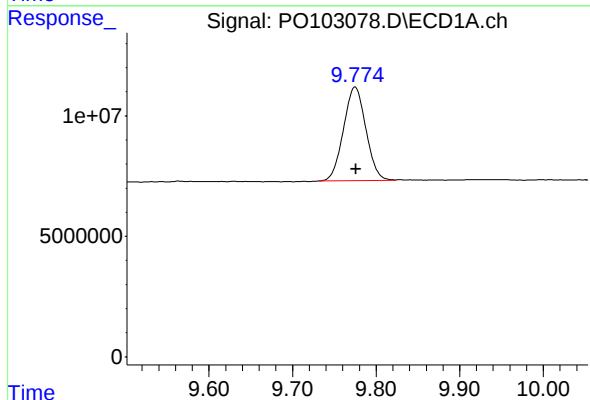
R.T.: 4.253 min
Delta R.T.: 0.000 min
Response: 101656395
Conc: 20.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



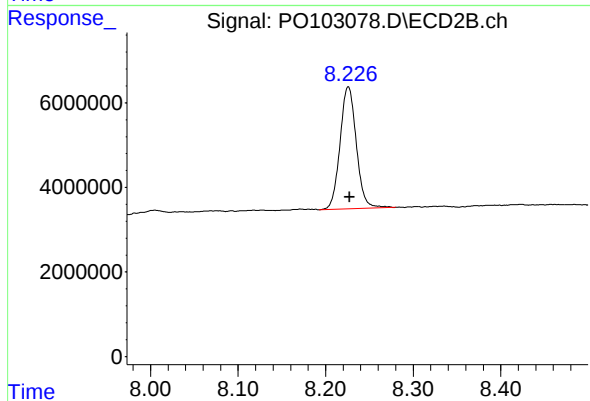
#1 Tetrachloro-m-xylene

R.T.: 3.372 min
Delta R.T.: -0.001 min
Response: 53286483
Conc: 19.25 ng/ml



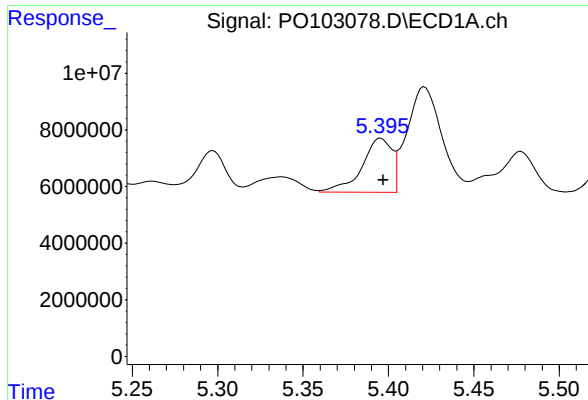
#2 Decachlorobiphenyl

R.T.: 9.775 min
Delta R.T.: 0.000 min
Response: 72360168
Conc: 24.92 ng/ml



#2 Decachlorobiphenyl

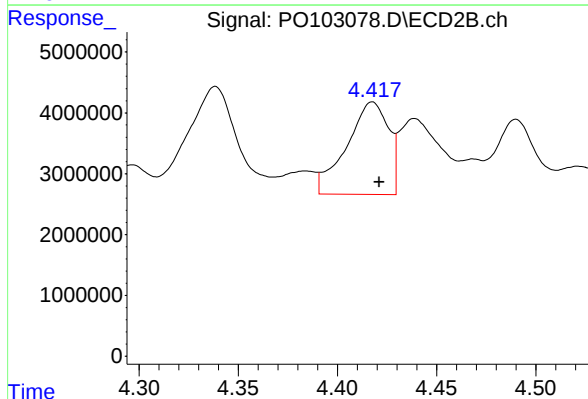
R.T.: 8.226 min
Delta R.T.: -0.001 min
Response: 37283260
Conc: 21.72 ng/ml



#3 AR-1016-1

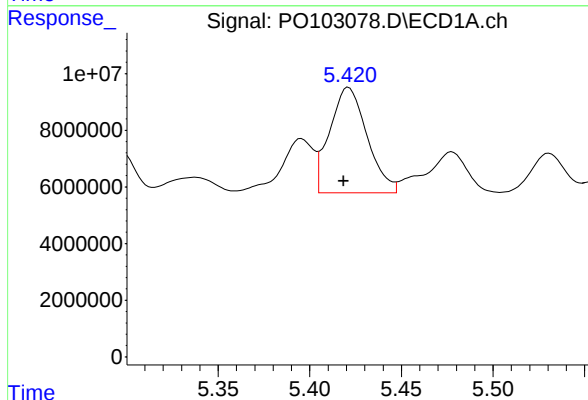
R.T.: 5.396 min
Delta R.T.: -0.002 min
Response: 23251332
Conc: 158.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



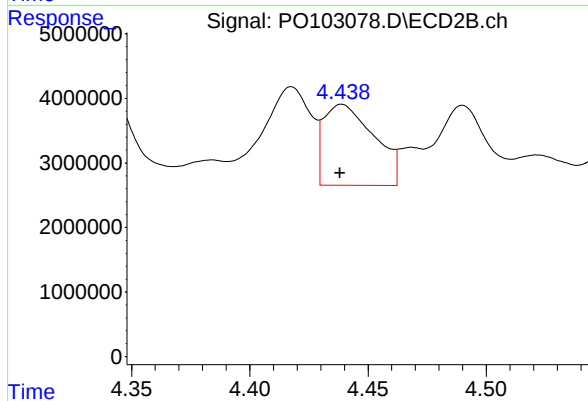
#3 AR-1016-1

R.T.: 4.418 min
Delta R.T.: -0.003 min
Response: 22383822
Conc: 284.64 ng/ml



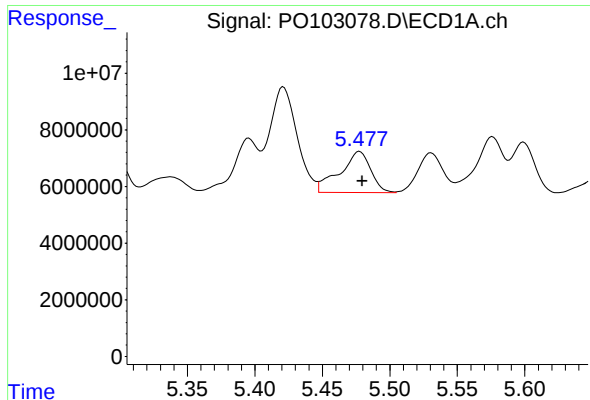
#4 AR-1016-2

R.T.: 5.421 min
Delta R.T.: 0.003 min
Response: 52970969
Conc: 245.30 ng/ml



#4 AR-1016-2

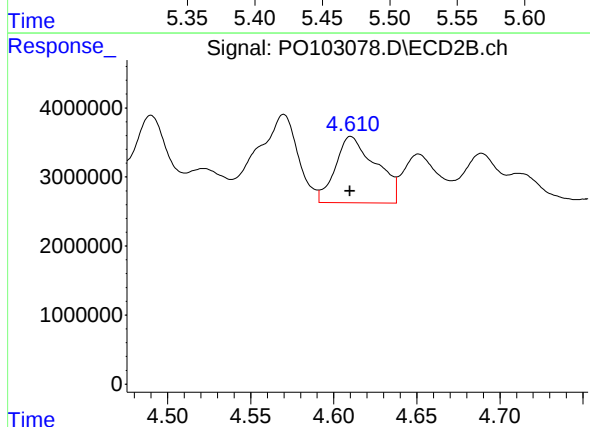
R.T.: 4.439 min
Delta R.T.: 0.000 min
Response: 18559201
Conc: 158.15 ng/ml



#5 AR-1016-3

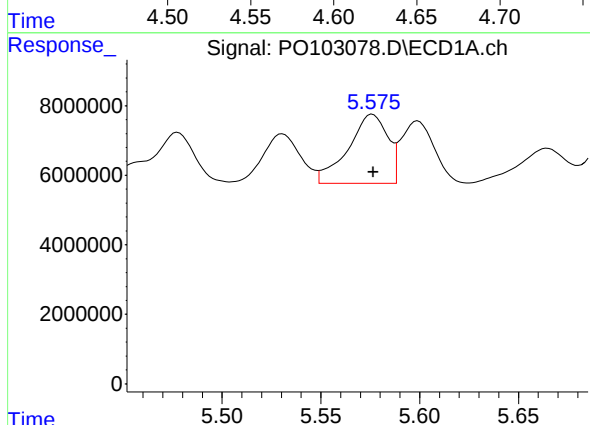
R.T.: 5.478 min
Delta R.T.: -0.002 min
Response: 23328917
Conc: 171.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



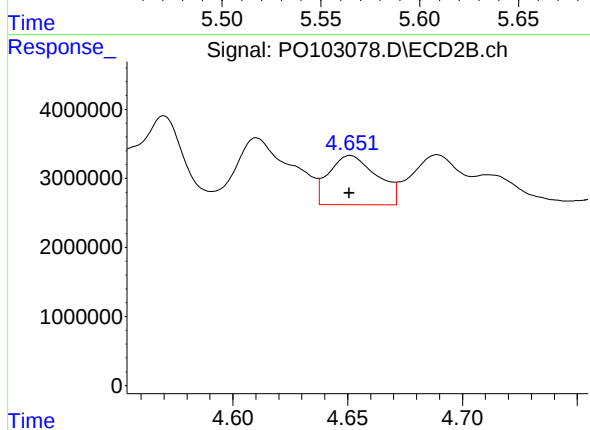
#5 AR-1016-3

R.T.: 4.610 min
Delta R.T.: 0.000 min
Response: 16245546
Conc: 262.28 ng/ml



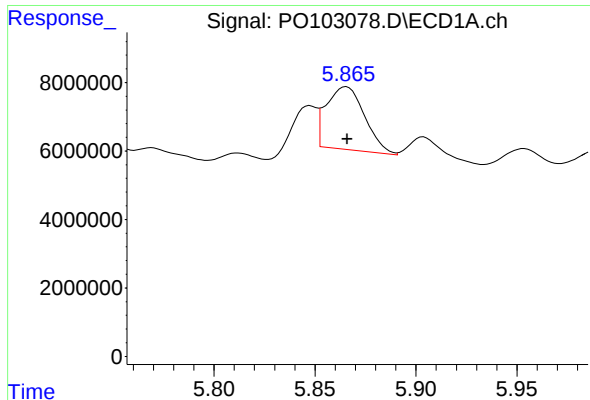
#6 AR-1016-4

R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 27728727
Conc: 256.86 ng/ml



#6 AR-1016-4

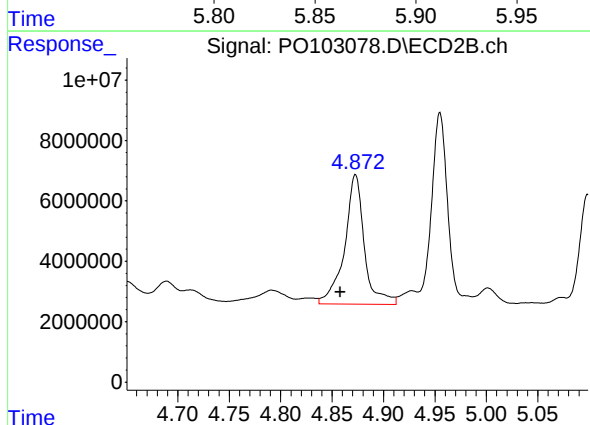
R.T.: 4.651 min
Delta R.T.: 0.000 min
Response: 10384028
Conc: 196.03 ng/ml



#7 AR-1016-5

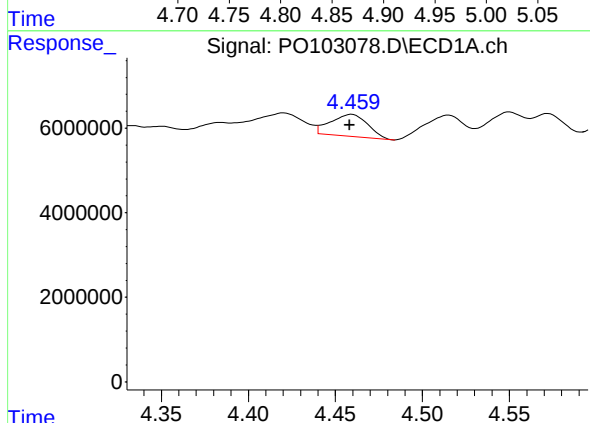
R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 24192015
Conc: 230.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



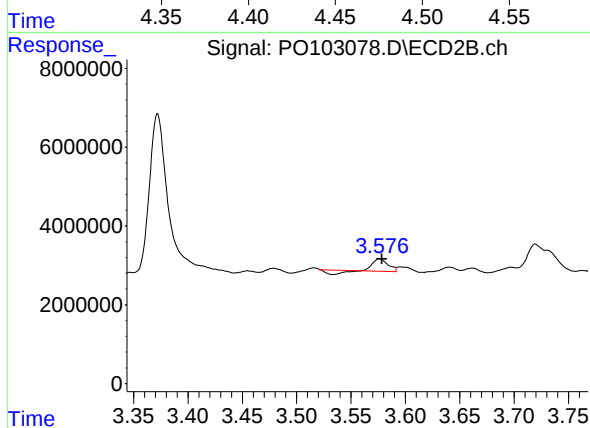
#7 AR-1016-5

R.T.: 4.873 min
Delta R.T.: 0.015 min
Response: 57368167
Conc: 841.36 ng/ml



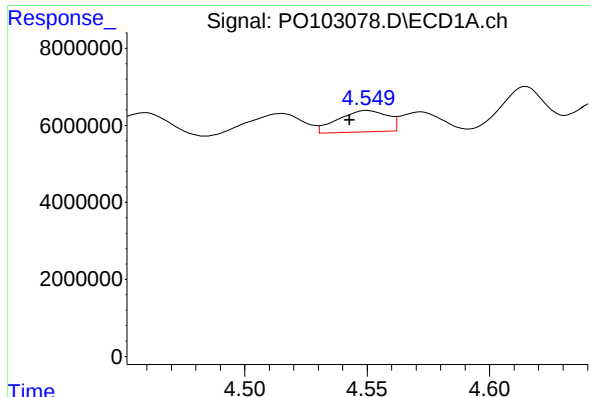
#8 AR-1221-1

R.T.: 4.459 min
Delta R.T.: 0.001 min
Response: 7783792
Conc: 134.01 ng/ml



#8 AR-1221-1

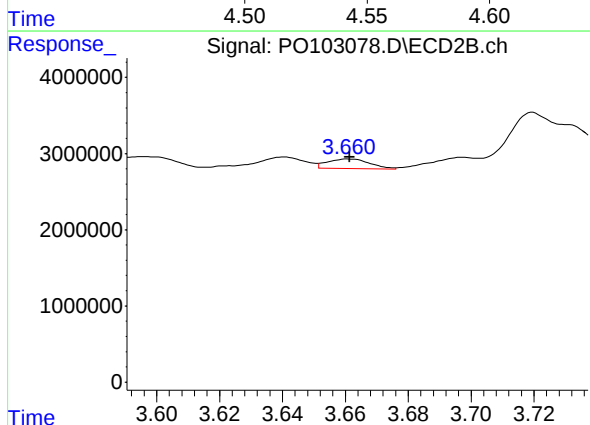
R.T.: 3.576 min
Delta R.T.: -0.002 min
Response: 2116650
Conc: 67.68 ng/ml



#9 AR-1221-2

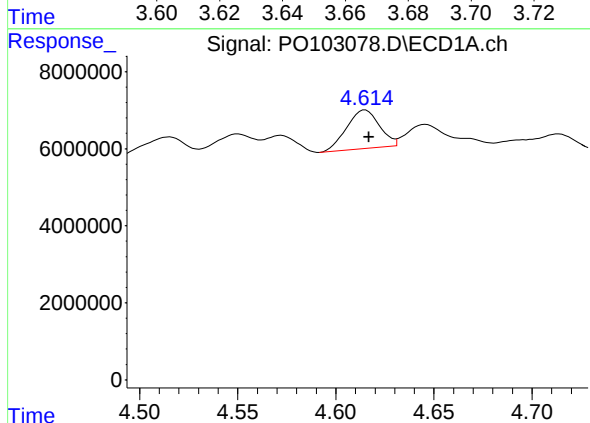
R.T.: 4.550 min
Delta R.T.: 0.007 min
Response: 7726507
Conc: 182.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



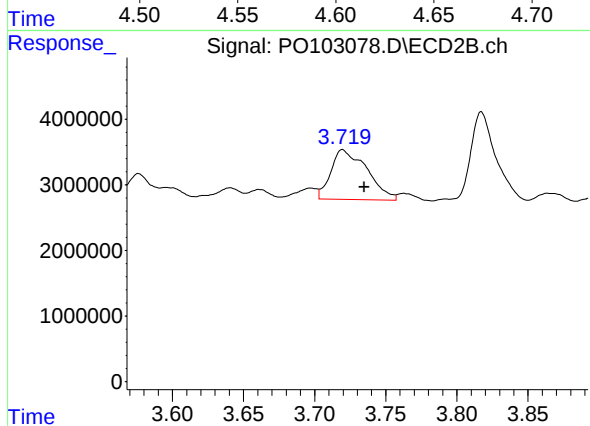
#9 AR-1221-2

R.T.: 3.661 min
Delta R.T.: 0.000 min
Response: 1183425
Conc: 49.87 ng/ml



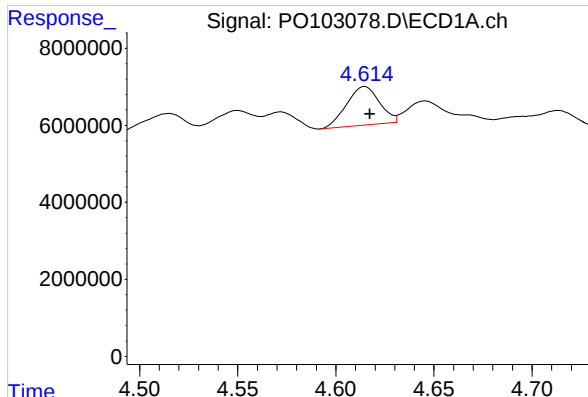
#10 AR-1221-3

R.T.: 4.615 min
Delta R.T.: -0.002 min
Response: 11663950
Conc: 91.54 ng/ml



#10 AR-1221-3

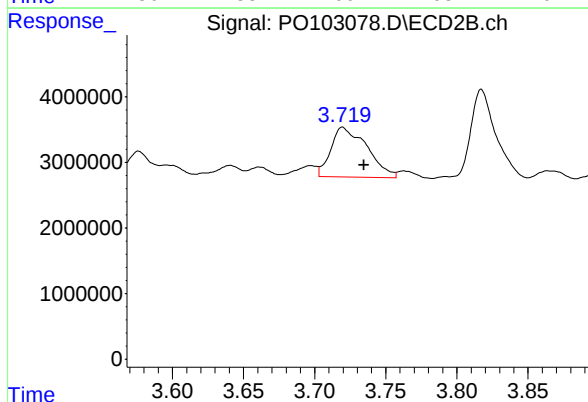
R.T.: 3.720 min
Delta R.T.: -0.015 min
Response: 13399563
Conc: 188.92 ng/ml



#11 AR-1232-1

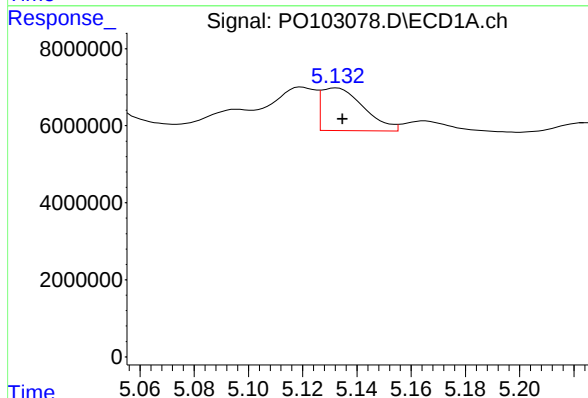
R.T.: 4.615 min
Delta R.T.: -0.002 min
Response: 11663950
Conc: 116.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



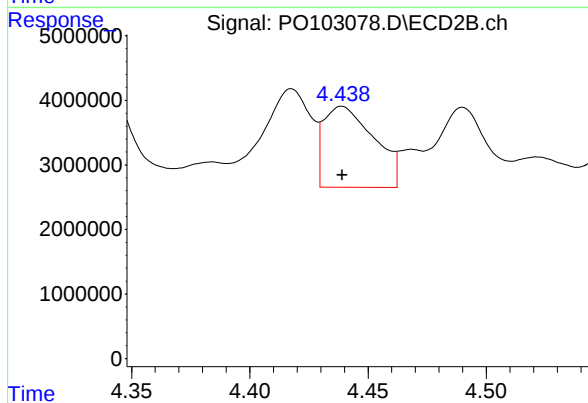
#11 AR-1232-1

R.T.: 3.720 min
Delta R.T.: -0.015 min
Response: 13399563
Conc: 234.37 ng/ml



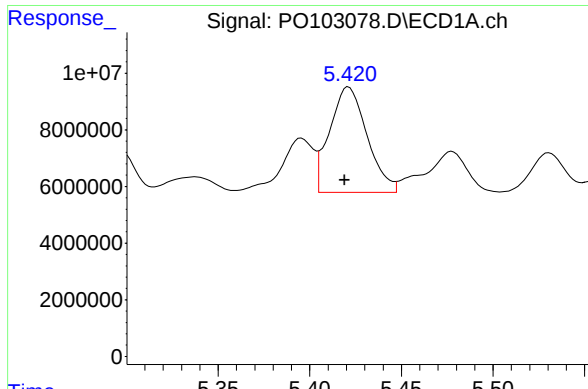
#12 AR-1232-2

R.T.: 5.132 min
Delta R.T.: -0.002 min
Response: 12022864
Conc: 211.43 ng/ml



#12 AR-1232-2

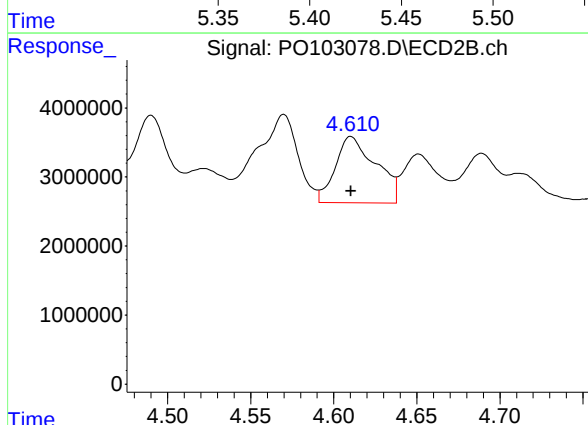
R.T.: 4.439 min
Delta R.T.: 0.000 min
Response: 18559201
Conc: 340.03 ng/ml



#13 AR-1232-3

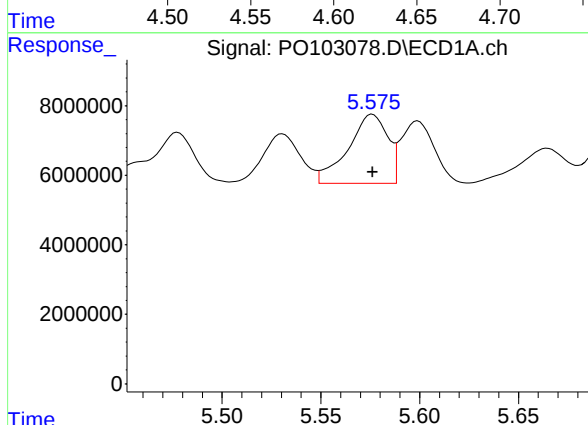
R.T.: 5.421 min
Delta R.T.: 0.002 min
Response: 52970969
Conc: 537.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



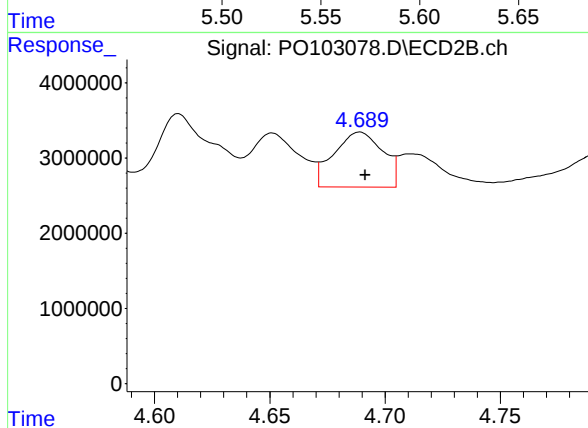
#13 AR-1232-3

R.T.: 4.610 min
Delta R.T.: 0.000 min
Response: 16245546
Conc: 569.44 ng/ml



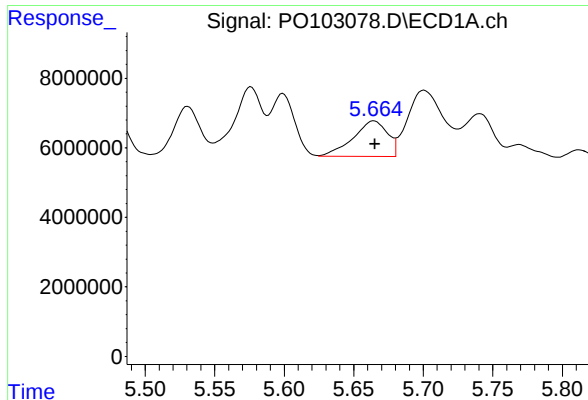
#14 AR-1232-4

R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 27728727
Conc: 578.03 ng/ml



#14 AR-1232-4

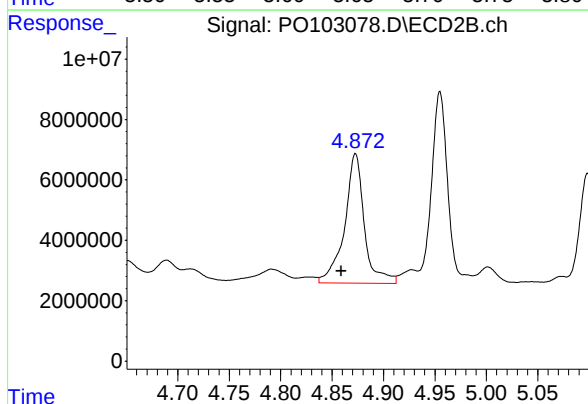
R.T.: 4.689 min
Delta R.T.: -0.003 min
Response: 10780881
Conc: 398.12 ng/ml



#15 AR-1232-5

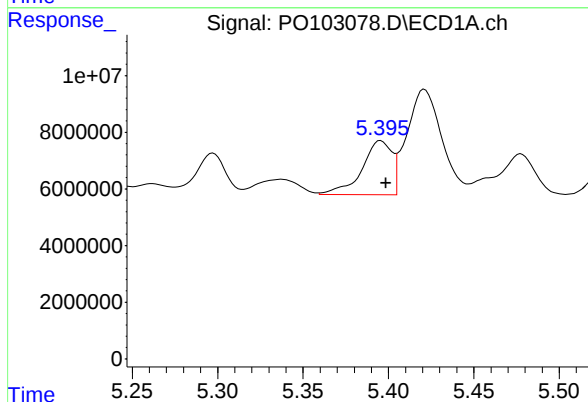
R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 17681138
Conc: 439.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



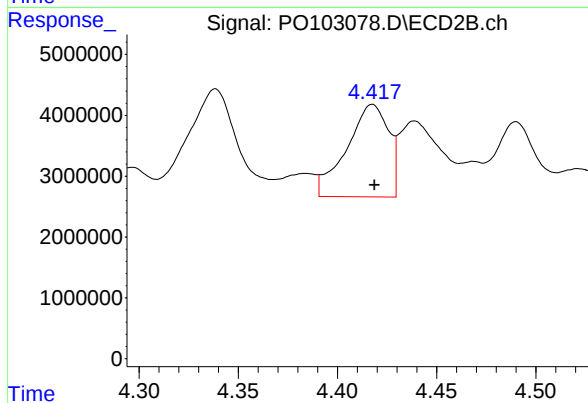
#15 AR-1232-5

R.T.: 4.873 min
Delta R.T.: 0.014 min
Response: 57368167
Conc: 1971.62 ng/ml



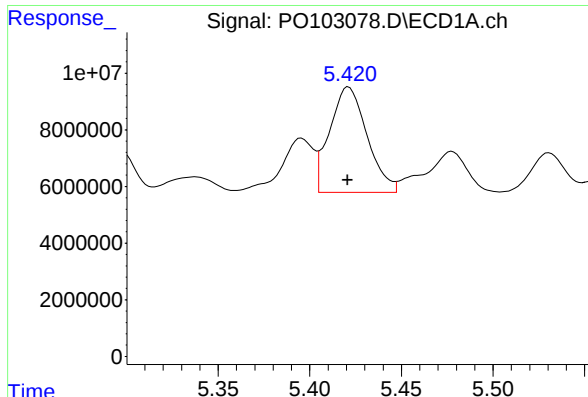
#16 AR-1242-1

R.T.: 5.396 min
Delta R.T.: -0.003 min
Response: 23251332
Conc: 190.63 ng/ml



#16 AR-1242-1

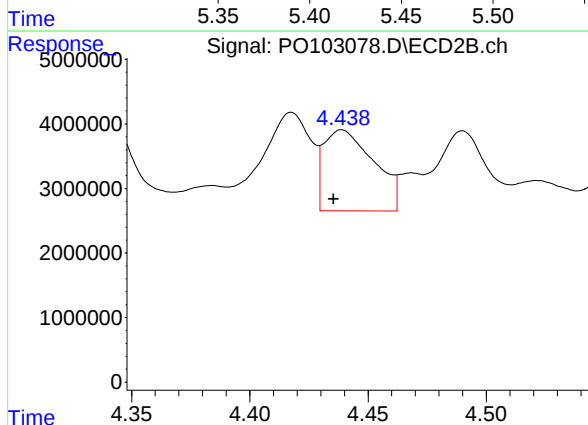
R.T.: 4.418 min
Delta R.T.: -0.001 min
Response: 22383822
Conc: 337.65 ng/ml



#17 AR-1242-2

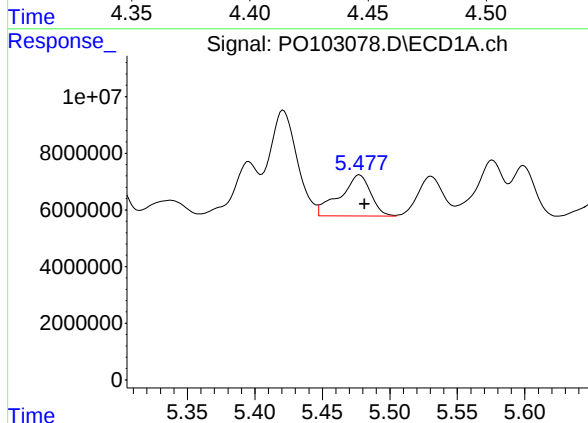
R.T.: 5.421 min
Delta R.T.: 0.000 min
Response: 52970969
Conc: 295.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



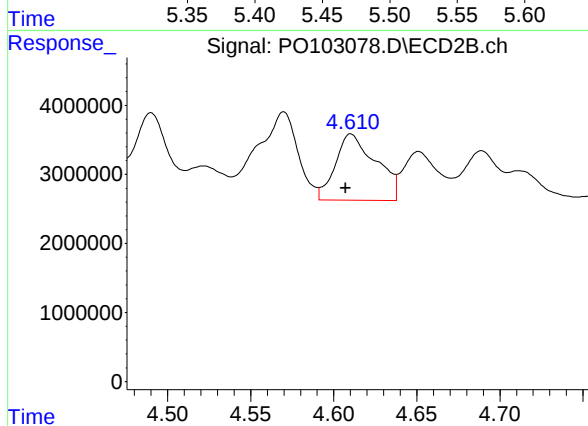
#17 AR-1242-2

R.T.: 4.439 min
Delta R.T.: 0.003 min
Response: 18559201
Conc: 190.25 ng/ml



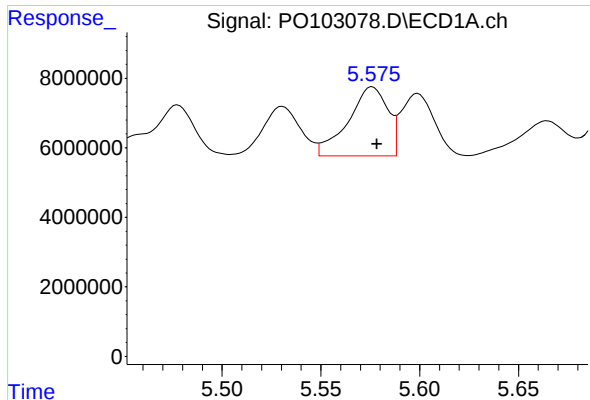
#18 AR-1242-3

R.T.: 5.478 min
Delta R.T.: -0.004 min
Response: 23328917
Conc: 206.33 ng/ml



#18 AR-1242-3

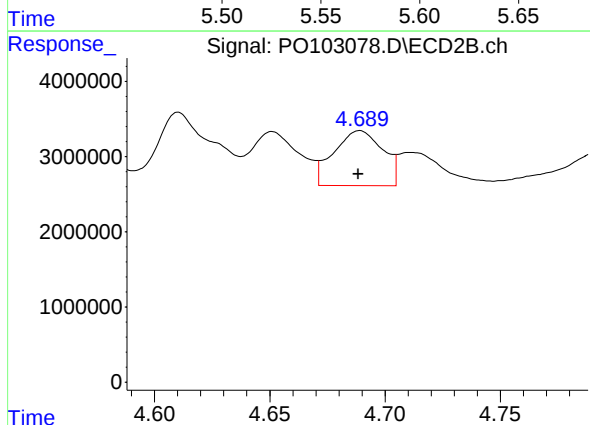
R.T.: 4.610 min
Delta R.T.: 0.003 min
Response: 16245546
Conc: 303.08 ng/ml



#19 AR-1242-4

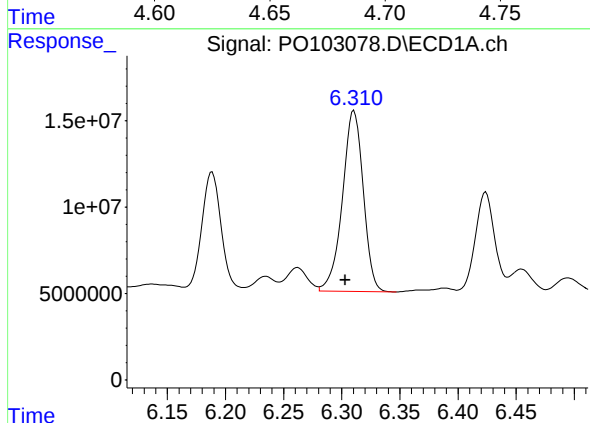
R.T.: 5.576 min
Delta R.T.: -0.002 min
Response: 27728727
Conc: 310.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



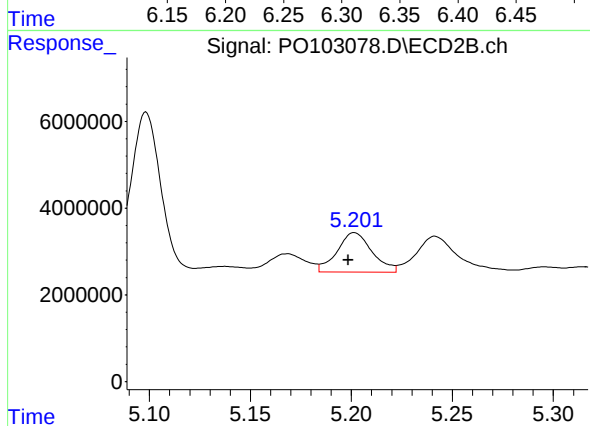
#19 AR-1242-4

R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 10780881
Conc: 195.48 ng/ml



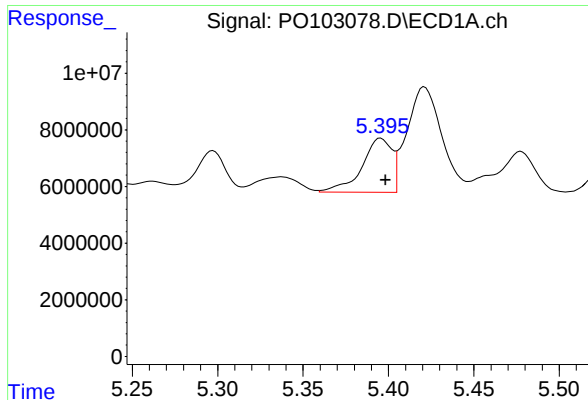
#20 AR-1242-5

R.T.: 6.311 min
Delta R.T.: 0.007 min
Response: 130116624
Conc: 1556.92 ng/ml



#20 AR-1242-5

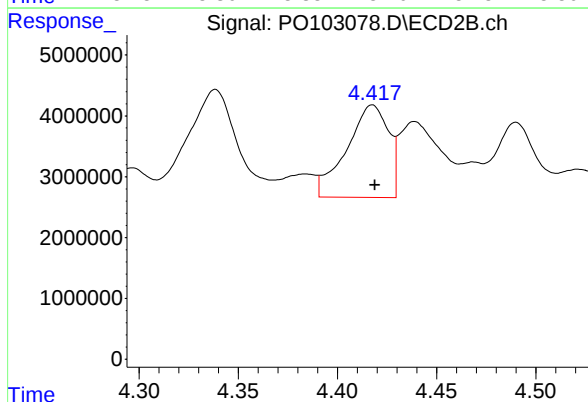
R.T.: 5.202 min
Delta R.T.: 0.003 min
Response: 10965347
Conc: 173.26 ng/ml



#21 AR-1248-1

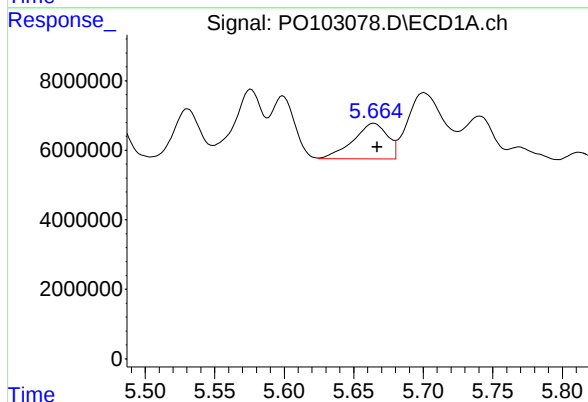
R.T.: 5.396 min
Delta R.T.: -0.003 min
Response: 23251332
Conc: 260.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



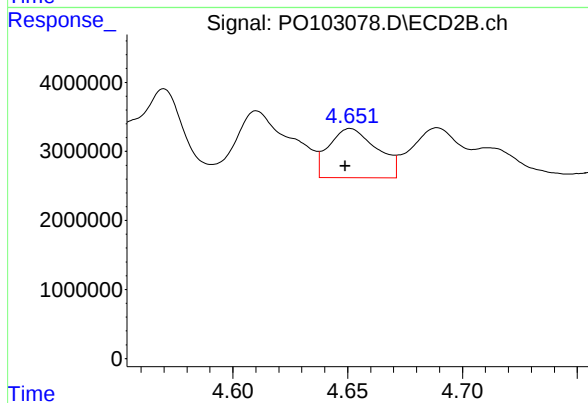
#21 AR-1248-1

R.T.: 4.418 min
Delta R.T.: -0.001 min
Response: 22383822
Conc: 450.74 ng/ml



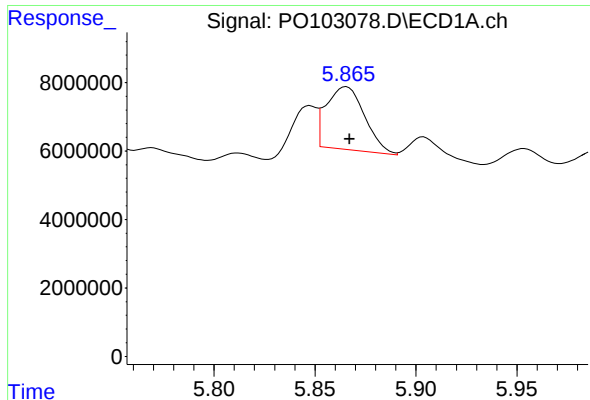
#22 AR-1248-2

R.T.: 5.665 min
Delta R.T.: -0.002 min
Response: 17681138
Conc: 128.16 ng/ml



#22 AR-1248-2

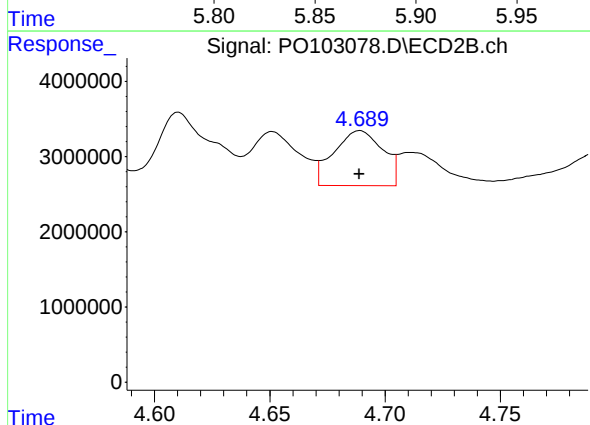
R.T.: 4.651 min
Delta R.T.: 0.002 min
Response: 10384028
Conc: 137.96 ng/ml



#23 AR-1248-3

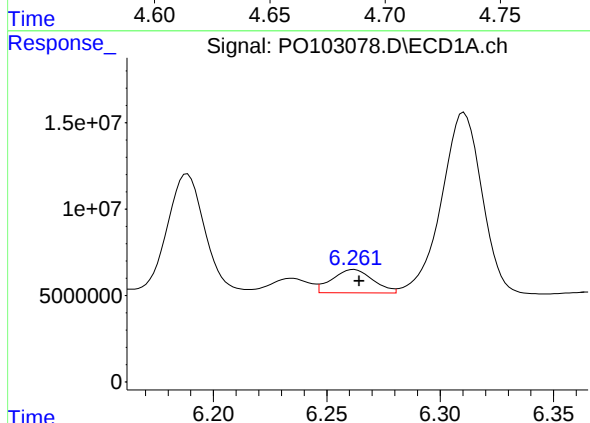
R.T.: 5.866 min
Delta R.T.: -0.002 min
Response: 24192015
Conc: 170.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



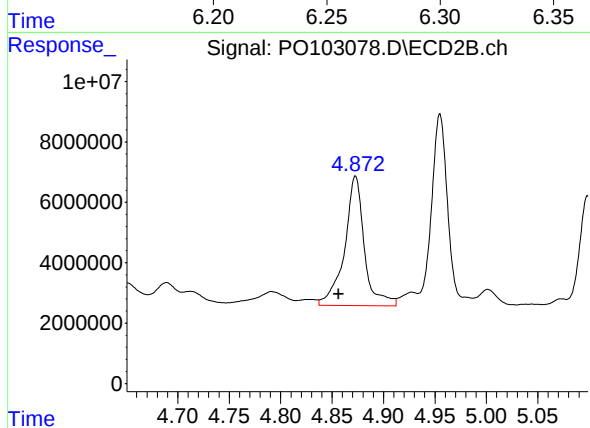
#23 AR-1248-3

R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 10780881
Conc: 138.79 ng/ml



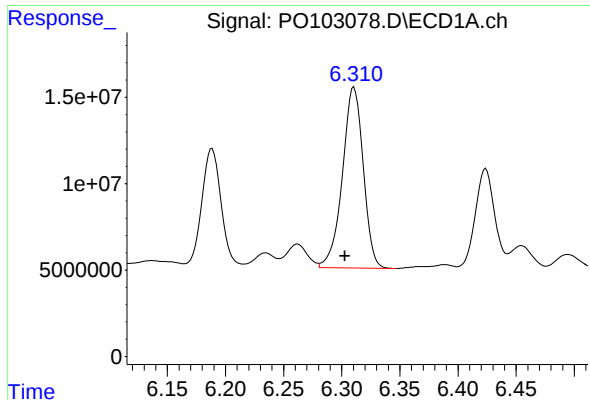
#24 AR-1248-4

R.T.: 6.262 min
Delta R.T.: -0.002 min
Response: 16843381
Conc: 118.82 ng/ml



#24 AR-1248-4

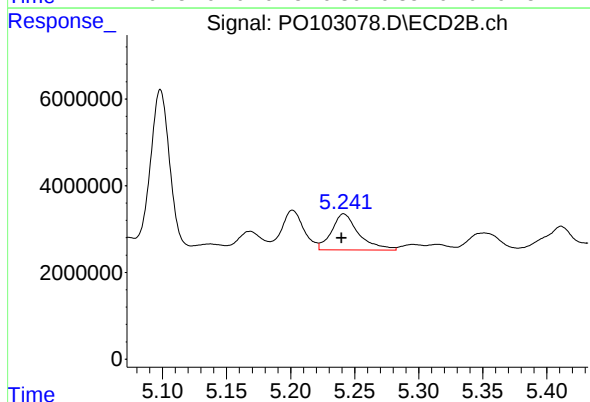
R.T.: 4.873 min
Delta R.T.: 0.016 min
Response: 57368167
Conc: 639.68 ng/ml



#25 AR-1248-5

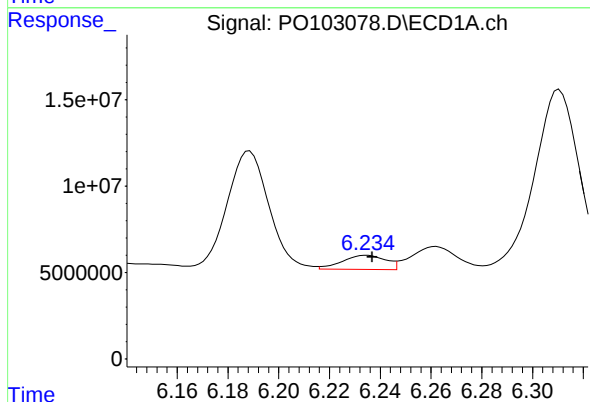
R.T.: 6.311 min
Delta R.T.: 0.008 min
Response: 130116624
Conc: 946.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



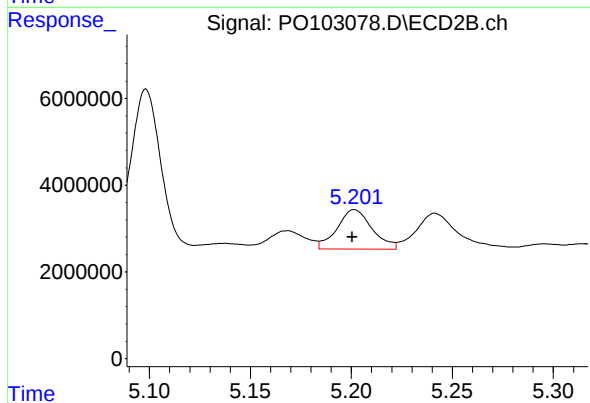
#25 AR-1248-5

R.T.: 5.242 min
Delta R.T.: 0.002 min
Response: 12308419
Conc: 153.53 ng/ml



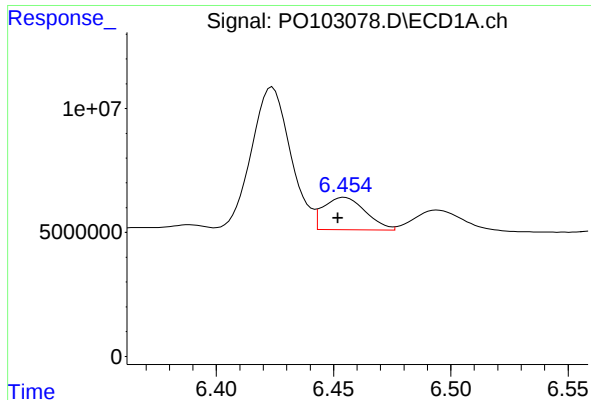
#26 AR-1254-1

R.T.: 6.235 min
Delta R.T.: -0.002 min
Response: 9743830
Conc: 61.39 ng/ml



#26 AR-1254-1

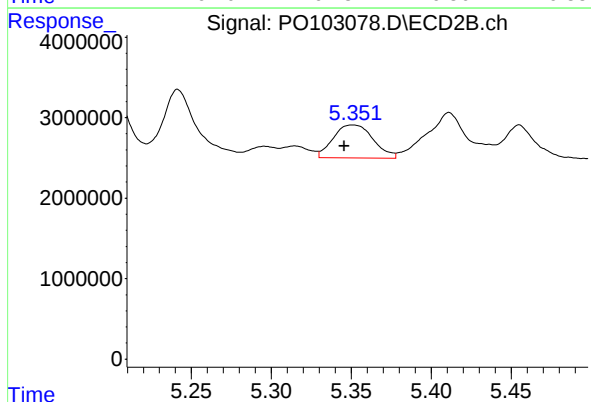
R.T.: 5.202 min
Delta R.T.: 0.000 min
Response: 10965347
Conc: 81.52 ng/ml



#27 AR-1254-2

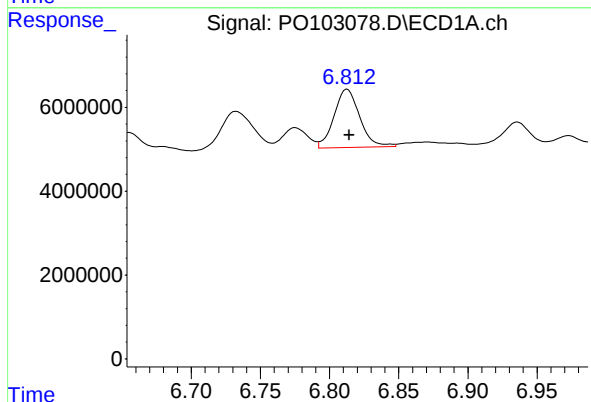
R.T.: 6.455 min
Delta R.T.: 0.003 min
Response: 16291582
Conc: 69.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



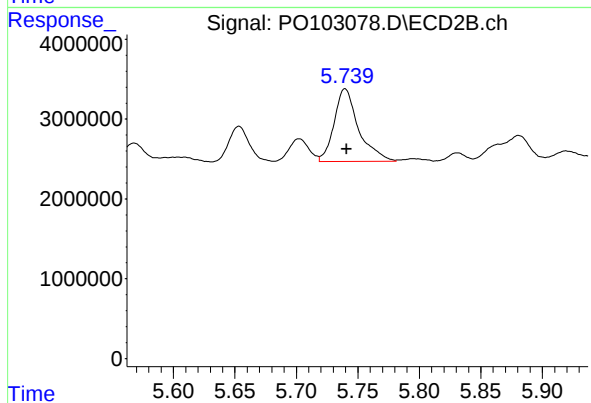
#27 AR-1254-2

R.T.: 5.351 min
Delta R.T.: 0.005 min
Response: 7108720
Conc: 60.15 ng/ml



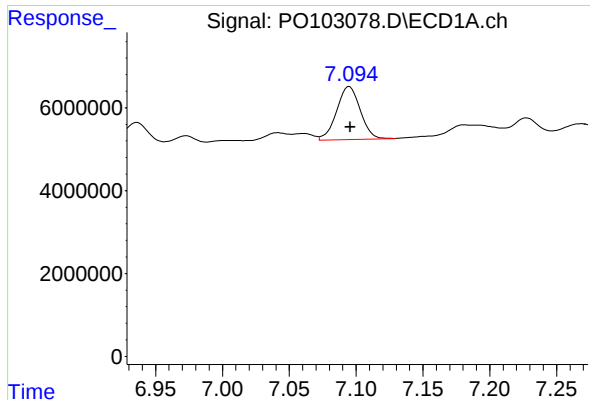
#28 AR-1254-3

R.T.: 6.813 min
Delta R.T.: -0.001 min
Response: 18033584
Conc: 77.83 ng/ml



#28 AR-1254-3

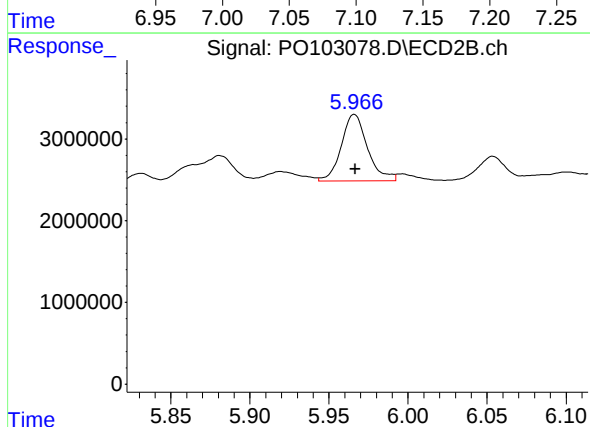
R.T.: 5.740 min
Delta R.T.: -0.001 min
Response: 12587429
Conc: 71.88 ng/ml



#29 AR-1254-4

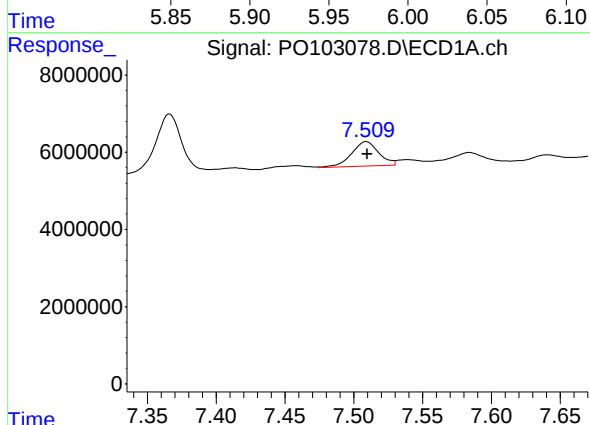
R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 15627205
Conc: 105.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



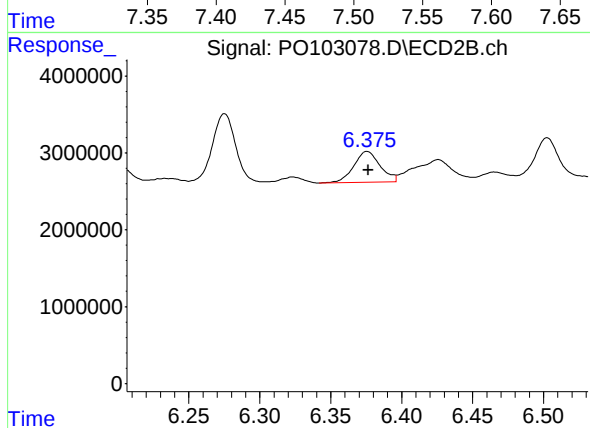
#29 AR-1254-4

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 9358352
Conc: 92.26 ng/ml



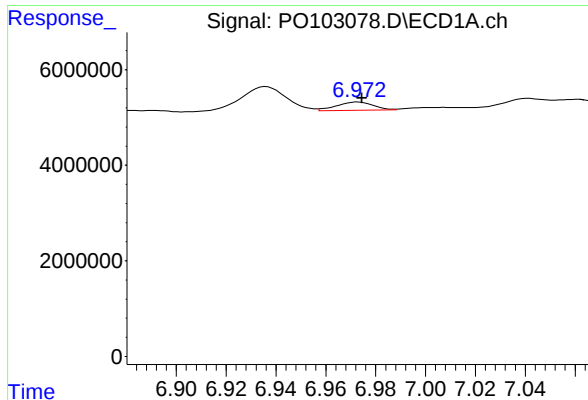
#30 AR-1254-5

R.T.: 7.509 min
Delta R.T.: 0.000 min
Response: 8576883
Conc: 51.57 ng/ml



#30 AR-1254-5

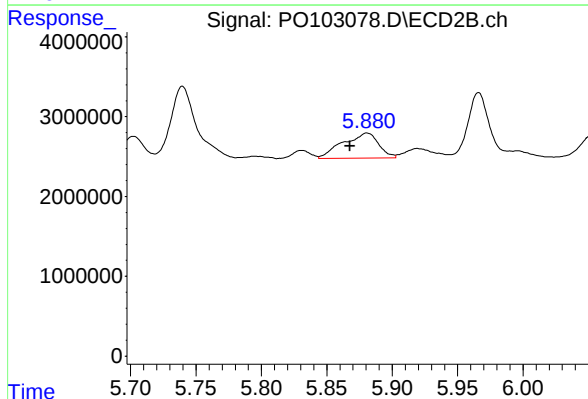
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 5184796
Conc: 34.41 ng/ml



#31 AR-1260-1

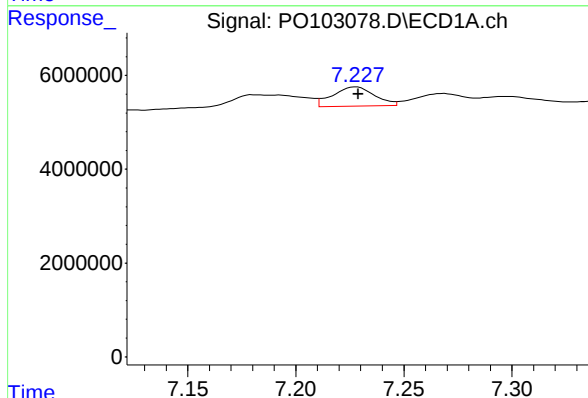
R.T.: 6.973 min
Delta R.T.: -0.002 min
Response: 1755695
Conc: 9.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



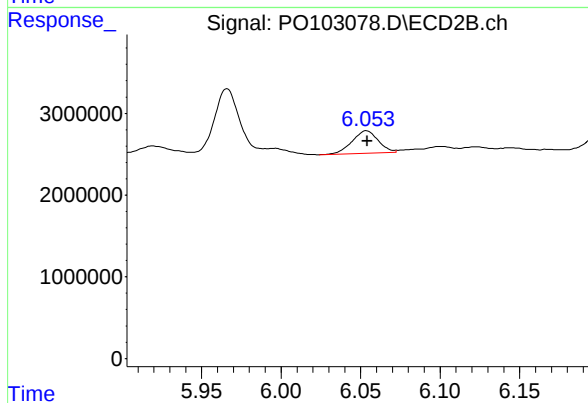
#31 AR-1260-1

R.T.: 5.881 min
Delta R.T.: 0.013 min
Response: 5967482
Conc: 46.93 ng/ml



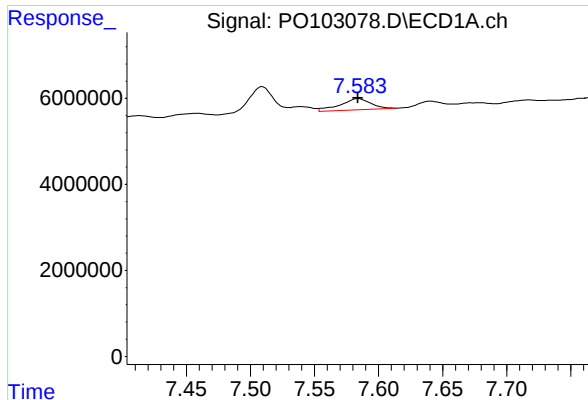
#32 AR-1260-2

R.T.: 7.228 min
Delta R.T.: -0.001 min
Response: 5489681
Conc: 27.68 ng/ml



#32 AR-1260-2

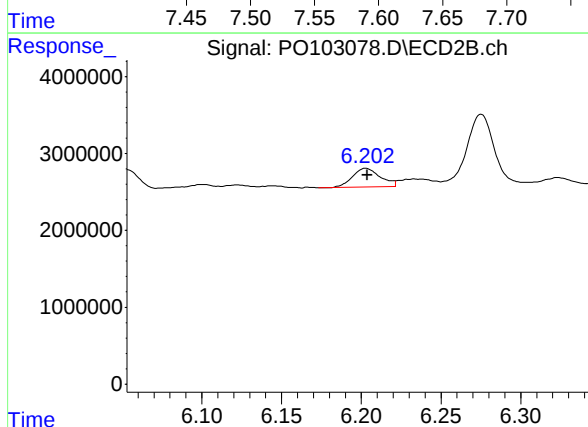
R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 3131125
Conc: 20.39 ng/ml



#33 AR-1260-3

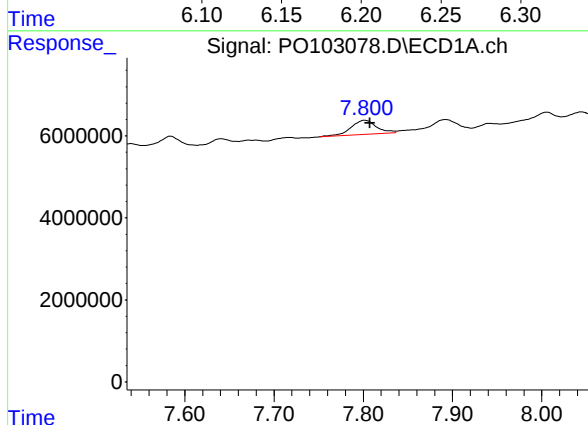
R.T.: 7.584 min
Delta R.T.: 0.000 min
Response: 4290721
Conc: 30.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



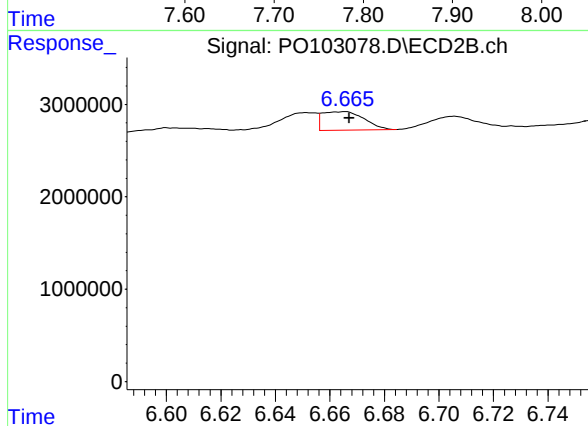
#33 AR-1260-3

R.T.: 6.203 min
Delta R.T.: -0.001 min
Response: 2935478
Conc: 21.07 ng/ml



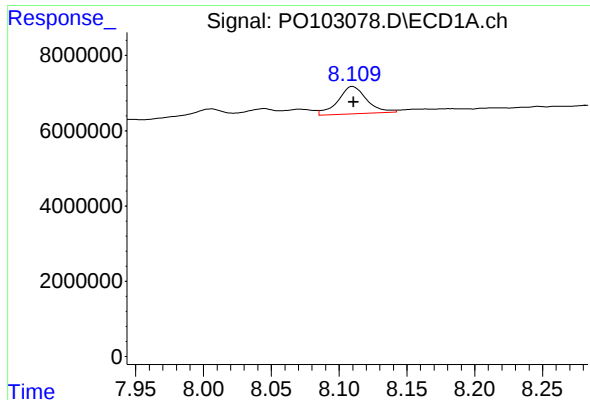
#34 AR-1260-4

R.T.: 7.802 min
Delta R.T.: -0.006 min
Response: 6829361
Conc: 43.93 ng/ml



#34 AR-1260-4

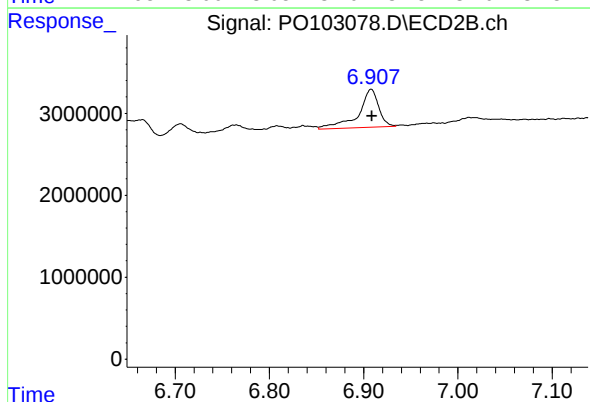
R.T.: 6.665 min
Delta R.T.: -0.002 min
Response: 2124813
Conc: 19.32 ng/ml



#35 AR-1260-5

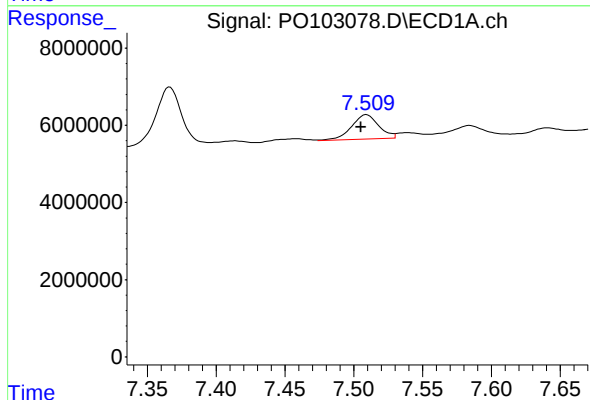
R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 10702648
Conc: 35.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



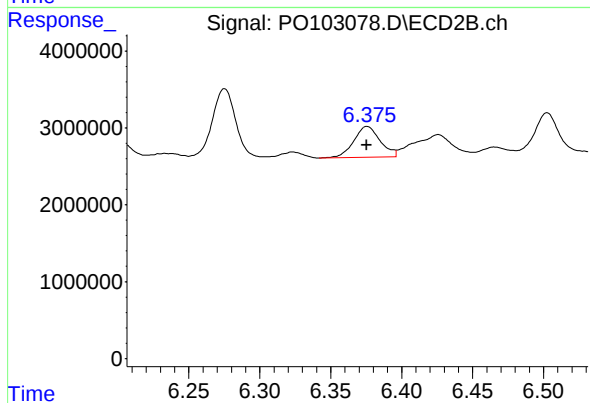
#35 AR-1260-5

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 6924012
Conc: 26.99 ng/ml



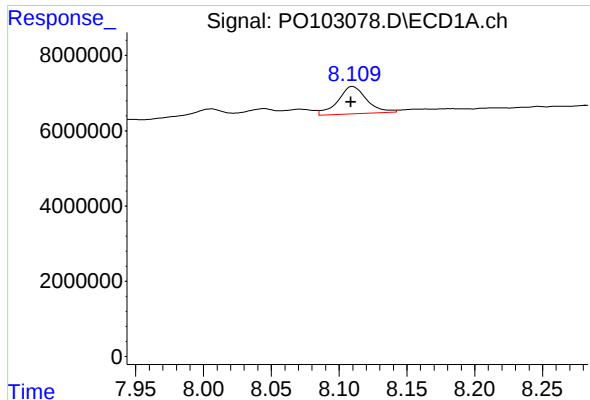
#36 AR-1262-1

R.T.: 7.509 min
Delta R.T.: 0.004 min
Response: 8576883
Conc: 62.87 ng/ml



#36 AR-1262-1

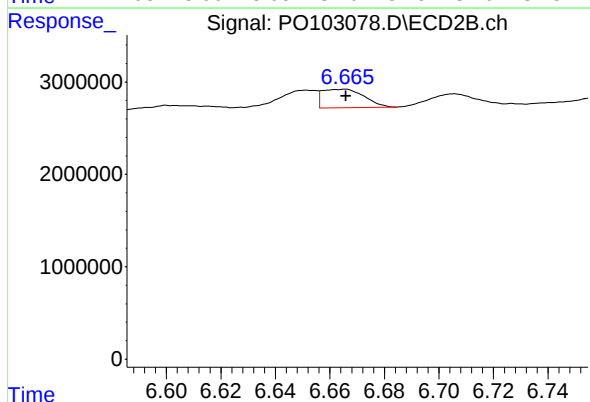
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 5184796
Conc: 64.01 ng/ml



#37 AR-1262-2

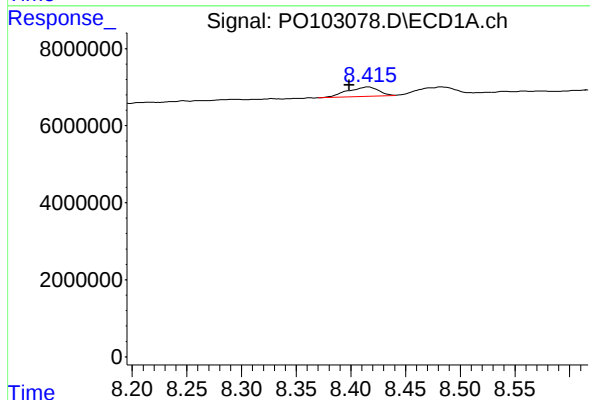
R.T.: 8.110 min
Delta R.T.: 0.001 min
Response: 10702648
Conc: 31.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



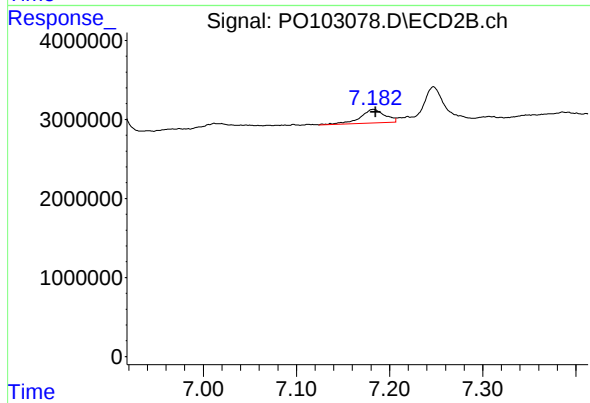
#37 AR-1262-2

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 2124813
Conc: 14.82 ng/ml



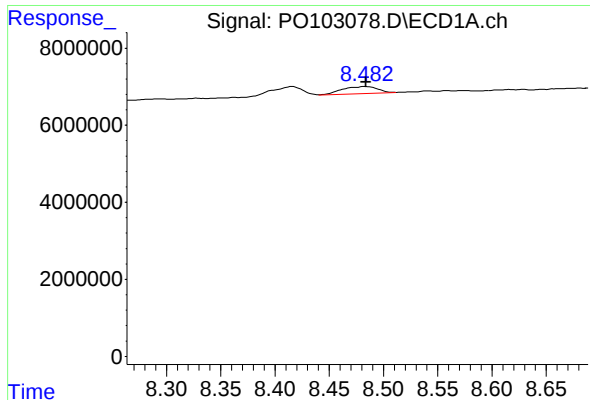
#38 AR-1262-3

R.T.: 8.416 min
Delta R.T.: 0.017 min
Response: 4806244
Conc: 21.74 ng/ml



#38 AR-1262-3

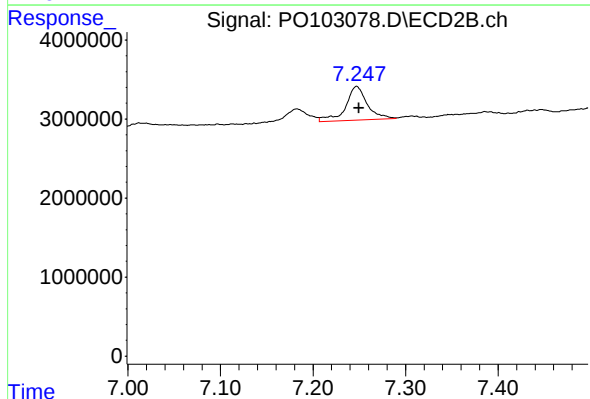
R.T.: 7.182 min
Delta R.T.: -0.003 min
Response: 3142522
Conc: 25.89 ng/ml



#39 AR-1262-4

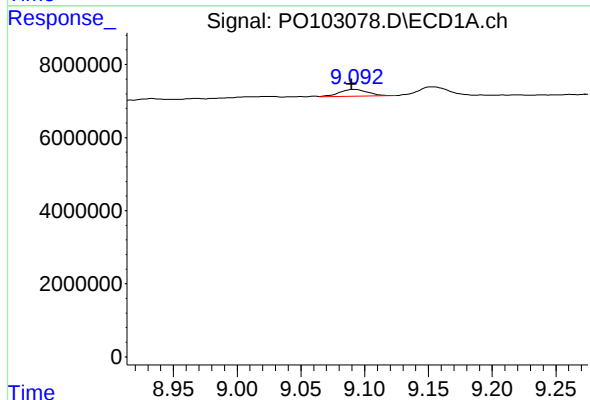
R.T.: 8.483 min
Delta R.T.: -0.001 min
Response: 4222818
Conc: 24.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



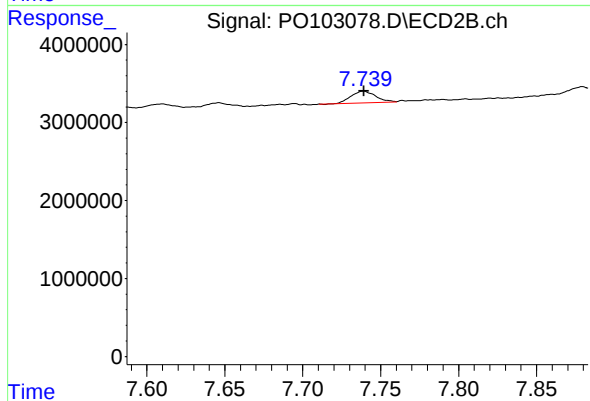
#39 AR-1262-4

R.T.: 7.247 min
Delta R.T.: -0.003 min
Response: 6939356
Conc: 33.71 ng/ml



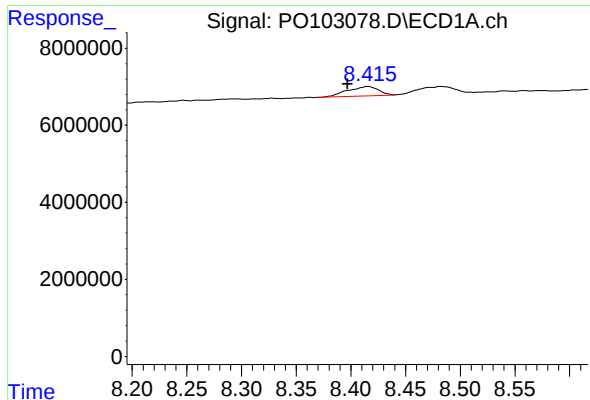
#40 AR-1262-5

R.T.: 9.092 min
Delta R.T.: 0.002 min
Response: 2953059
Conc: 25.15 ng/ml



#40 AR-1262-5

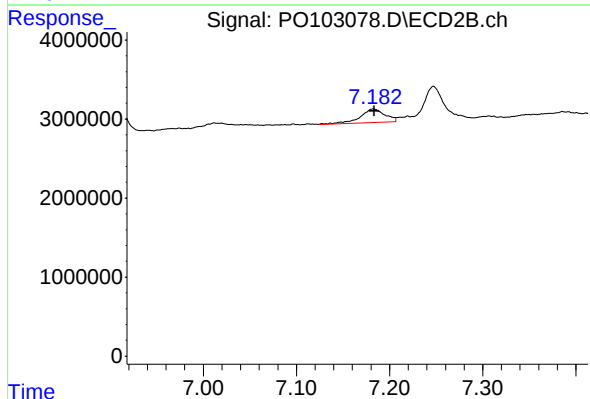
R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 1616551
Conc: 18.37 ng/ml



#41 AR-1268-1

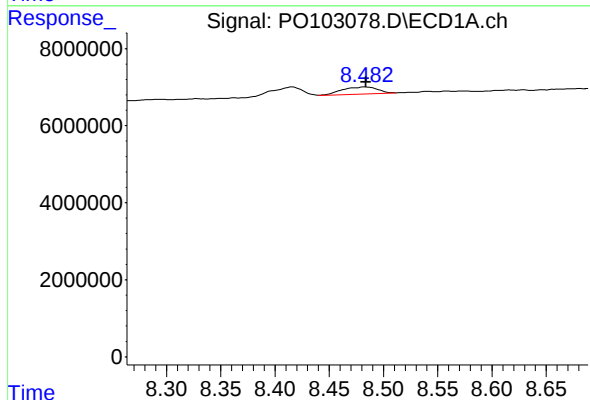
R.T.: 8.416 min
Delta R.T.: 0.019 min
Response: 4806244
Conc: 12.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



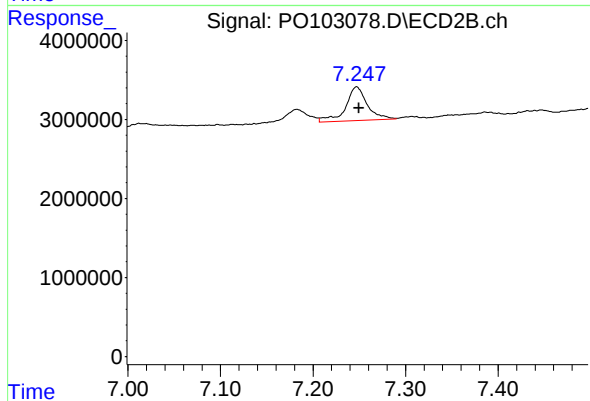
#41 AR-1268-1

R.T.: 7.182 min
Delta R.T.: -0.001 min
Response: 3142522
Conc: 8.87 ng/ml



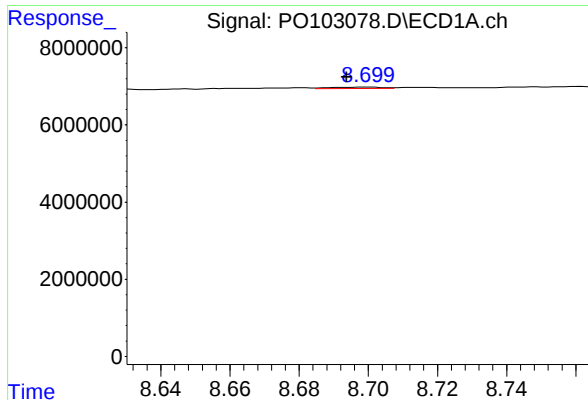
#42 AR-1268-2

R.T.: 8.483 min
Delta R.T.: -0.001 min
Response: 4222818
Conc: 11.32 ng/ml



#42 AR-1268-2

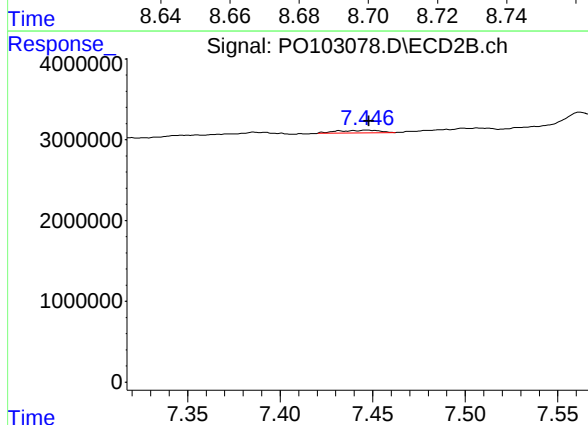
R.T.: 7.247 min
Delta R.T.: -0.003 min
Response: 6939356
Conc: 21.83 ng/ml



#43 AR-1268-3

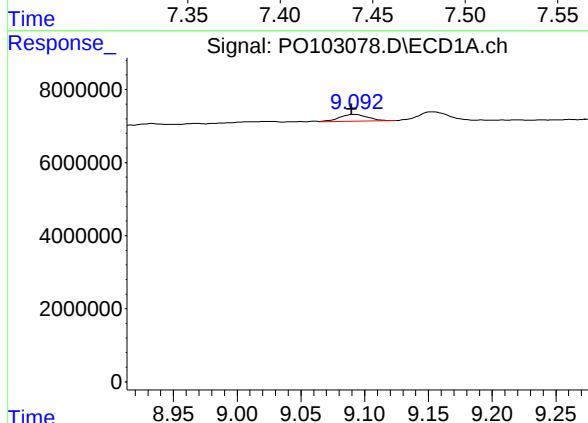
R.T.: 8.700 min
Delta R.T.: 0.007 min
Response: 380921
Conc: 1.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



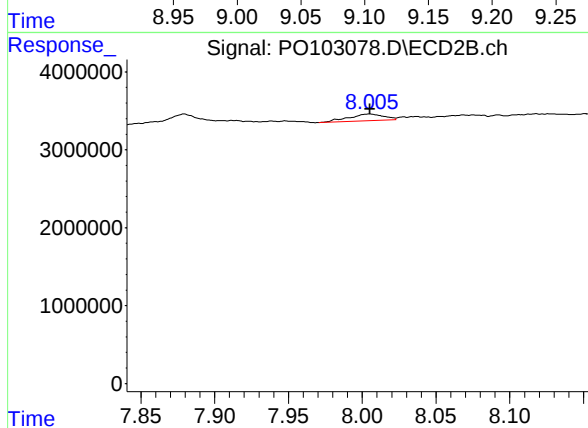
#43 AR-1268-3

R.T.: 7.447 min
Delta R.T.: -0.001 min
Response: 501092
Conc: 1.85 ng/ml



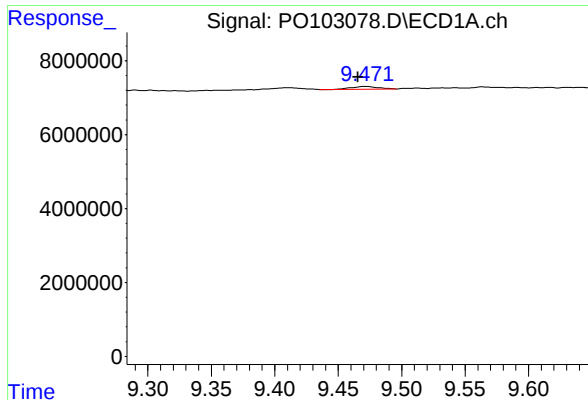
#44 AR-1268-4

R.T.: 9.092 min
Delta R.T.: 0.002 min
Response: 2953059
Conc: 22.64 ng/ml



#44 AR-1268-4

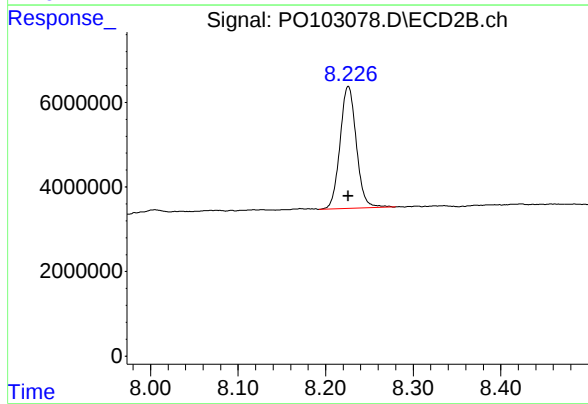
R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 1448737
Conc: 2.00 ng/ml



#45 AR-1268-5

R.T.: 9.472 min
Delta R.T.: 0.006 min
Response: 1040332
Conc: 0.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
W-5



#45 AR-1268-5

R.T.: 8.226 min
Delta R.T.: 0.000 min
Response: 37283260
Conc: 120.27 ng/ml