

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111023\
 Data File : P0099583.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2023 14:37
 Operator : YP/AJ
 Sample : PB157045BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 22:29:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0110923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 10 11:13:12 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...	4.494	3.723	39960379	27611058	23.213	22.775
2) SA Decachlor...	10.381	8.839	14031454	17488866	21.982	23.810
Target Compounds						
3) L1 AR-1016-1	5.682	4.831	1895673	1332231	48.779	49.544
4) L1 AR-1016-2	5.704	4.851	2826356	1641618	44.130	45.038
5) L1 AR-1016-3	5.767	5.030	1916519	843593	44.228	42.093
6) L1 AR-1016-4	5.867	5.073	1374852	806626	44.241	48.538
7) L1 AR-1016-5	6.165	5.289	1472185	854884	48.408	41.384
8) L2 AR-1221-1	4.709	3.941	141786	325252	7.444	22.200 #
9) L2 AR-1221-2	4.804	4.028	1157091	458015	82.142	50.010 #
10) L2 AR-1221-3	4.871	4.107	1290901	828534	31.130	26.771
11) L3 AR-1232-1	4.871	4.107	1290901	828534	38.321	32.051
12) L3 AR-1232-2	5.408	4.851	1630166	1641618	97.691	94.769
13) L3 AR-1232-3	5.704	5.030	2826356	843593	99.631	96.057
14) L3 AR-1232-4	5.867	5.115	1374852	872907	101.935	107.623
15) L3 AR-1232-5	5.958	5.289	1223947	854884	106.753	99.940
16) L4 AR-1242-1	5.682	4.831	1895673	1332231	60.450	60.205
17) L4 AR-1242-2	5.704	4.851	2826356	1641618	54.792	55.133
18) L4 AR-1242-3	5.767	5.030	1916519	843593	54.991	51.131
19) L4 AR-1242-4	5.867	5.115	1374852	872907	54.367	51.810
20) L4 AR-1242-5	6.617	5.648	105422	699874	5.153	40.091 #
21) L5 AR-1248-1	5.682	4.831	1895673	1332231	80.277	77.171
22) L5 AR-1248-2	5.958	5.073	1223947	806626	31.478	34.263
23) L5 AR-1248-3	6.165	5.115	1472185	872907	35.484	35.238
24) L5 AR-1248-4	6.576	5.289	196370	854884	5.113	31.007 #
25) L5 AR-1248-5	6.617	5.687	105422	180666	2.780	7.917 #
26) L6 AR-1254-1	6.547	5.648	1094449	699874	24.319	19.241
27) L6 AR-1254-2	6.768	5.796	1038974	633756	16.475	19.509
28) L6 AR-1254-3	7.141	6.192	519423	368236	8.918	6.791
29) L6 AR-1254-4	7.428	6.436	316172	106803	9.277	3.792 #
30) L6 AR-1254-5	7.850	6.859	2460512	2287368	62.883	46.945 #
31) L7 AR-1260-1	7.305	6.338	2016208	2070923	40.566	48.017
32) L7 AR-1260-2	7.565	6.527	2358147	2280942	46.167	48.680
33) L7 AR-1260-3	7.930	6.683	1468385	2085119	40.956	45.685
34) L7 AR-1260-4	8.158	7.162	1703676	1706432	43.157	46.436
35) L7 AR-1260-5	8.488	7.403	2647138	3112331	44.186	42.699
36) L8 AR-1262-1	7.850	6.859	2460512	2287368	77.896	93.056
37) L8 AR-1262-2	8.488	7.162	2647138	1706432	35.785	34.423
38) L8 AR-1262-3	8.826	7.691	1662823	663646	32.377	17.949 #
39) L8 AR-1262-4	8.906	7.754	416963	2350687	10.725	36.594 #
40) L8 AR-1262-5	9.591	8.260	773902	612714	36.413	22.295 #
41) L9 AR-1268-1	8.826	7.691	1662823	663646	16.511	6.037 #

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 Integrator: ChemStation

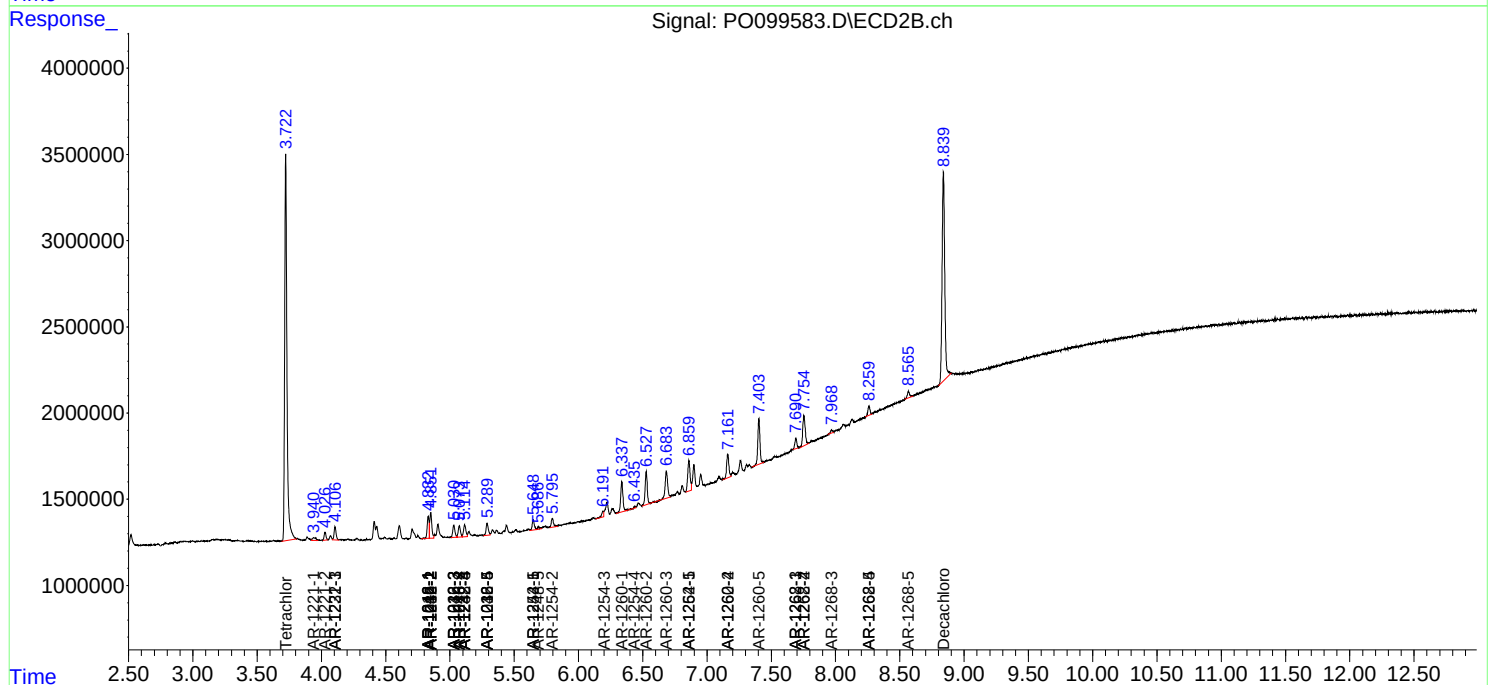
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

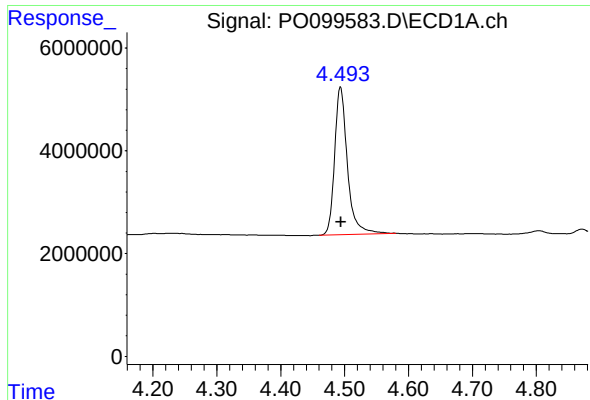
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.906	7.754	416963	2350687	4.915	23.842 #
43) L9	AR-1268-3	9.147	7.968	152031	183371	1.783	1.936
44) L9	AR-1268-4	9.591	8.260	773902	612714	31.832	20.453 #
45) L9	AR-1268-5	10.018	8.566	553173	466141	2.603	1.852 #

(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

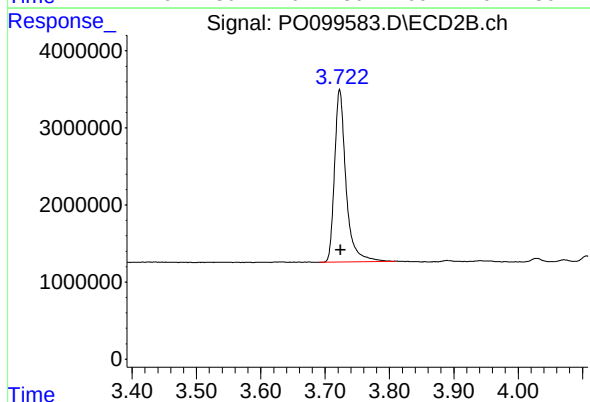




#1 Tetrachloro-m-xylene

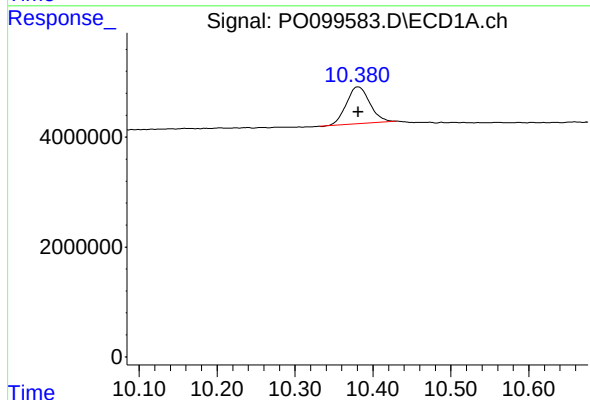
R.T.: 4.494 min
Delta R.T.: 0.000 min
Response: 39960379
Conc: 23.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



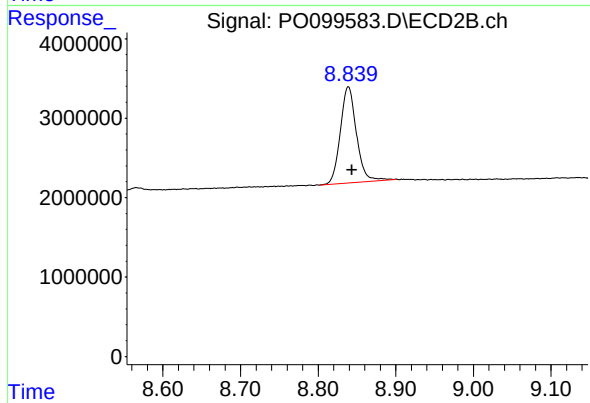
#1 Tetrachloro-m-xylene

R.T.: 3.723 min
Delta R.T.: -0.001 min
Response: 27611058
Conc: 22.78 ng/ml



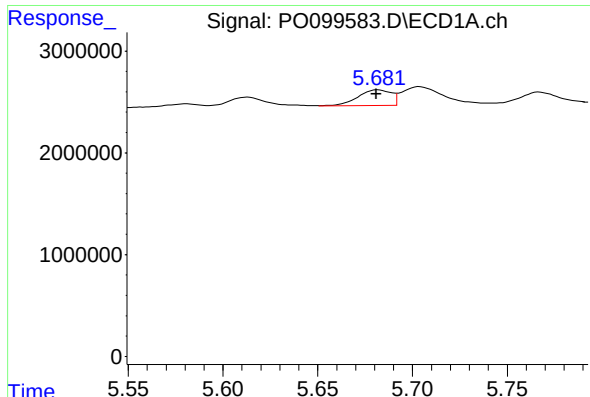
#2 Decachlorobiphenyl

R.T.: 10.381 min
Delta R.T.: 0.000 min
Response: 14031454
Conc: 21.98 ng/ml



#2 Decachlorobiphenyl

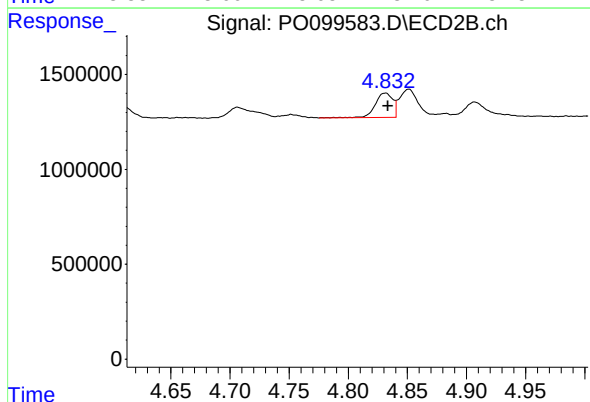
R.T.: 8.839 min
Delta R.T.: -0.005 min
Response: 17488866
Conc: 23.81 ng/ml



#3 AR-1016-1

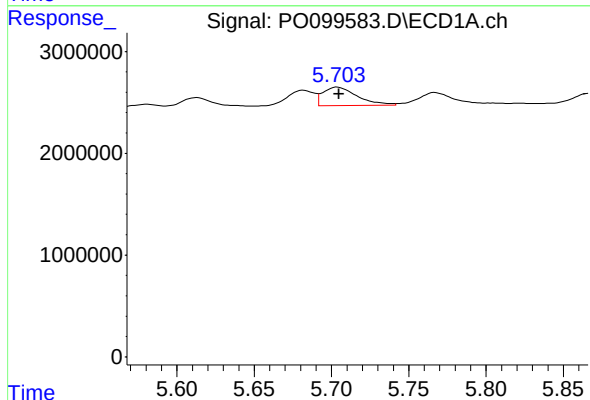
R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 1895673
Conc: 48.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



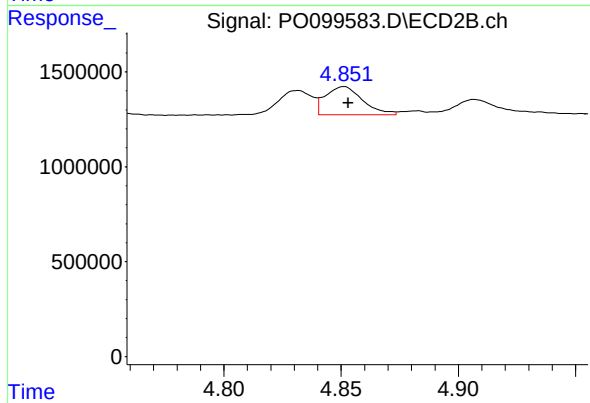
#3 AR-1016-1

R.T.: 4.831 min
Delta R.T.: -0.002 min
Response: 1332231
Conc: 49.54 ng/ml



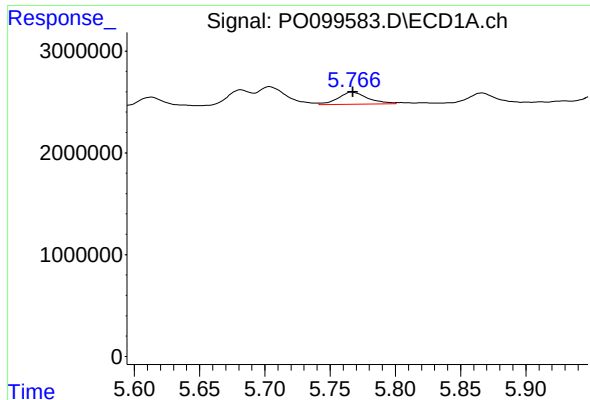
#4 AR-1016-2

R.T.: 5.704 min
Delta R.T.: -0.001 min
Response: 2826356
Conc: 44.13 ng/ml



#4 AR-1016-2

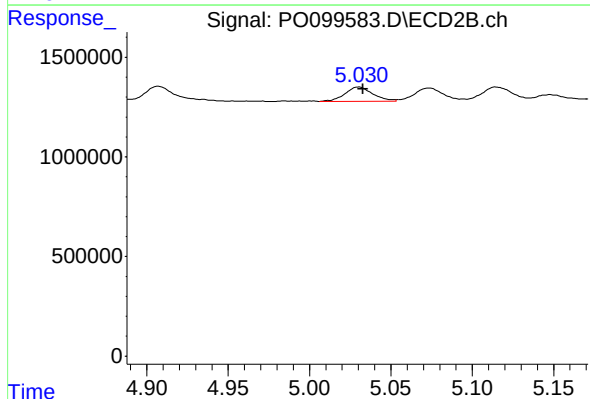
R.T.: 4.851 min
Delta R.T.: -0.002 min
Response: 1641618
Conc: 45.04 ng/ml



#5 AR-1016-3

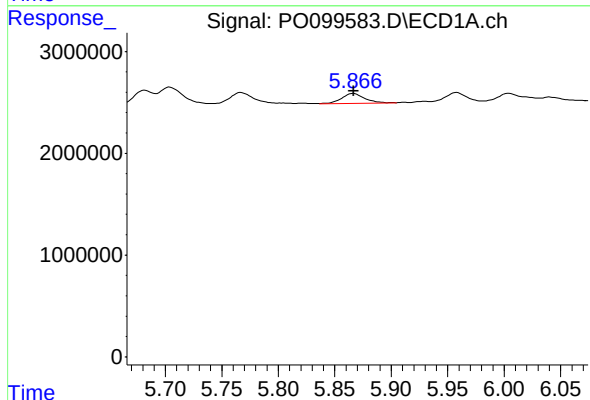
R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 1916519
Conc: 44.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



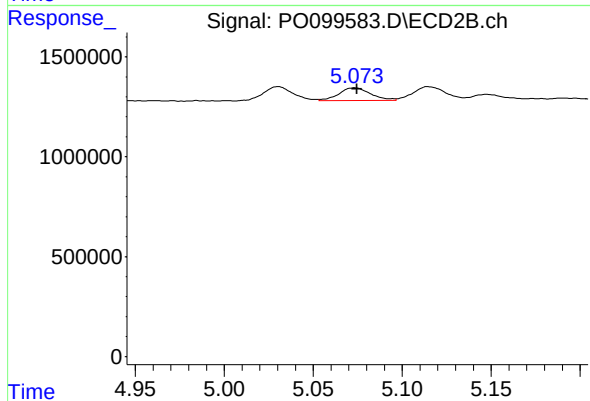
#5 AR-1016-3

R.T.: 5.030 min
Delta R.T.: -0.002 min
Response: 843593
Conc: 42.09 ng/ml



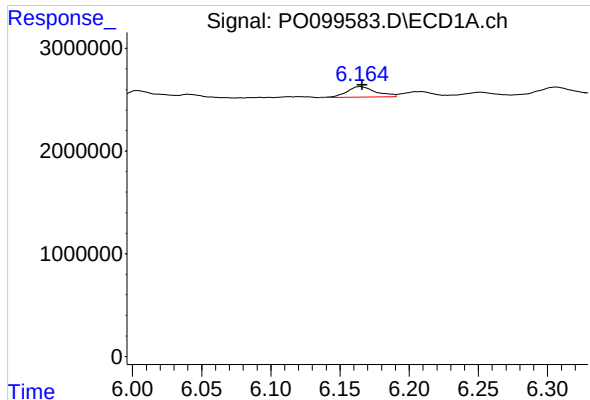
#6 AR-1016-4

R.T.: 5.867 min
Delta R.T.: 0.000 min
Response: 1374852
Conc: 44.24 ng/ml



#6 AR-1016-4

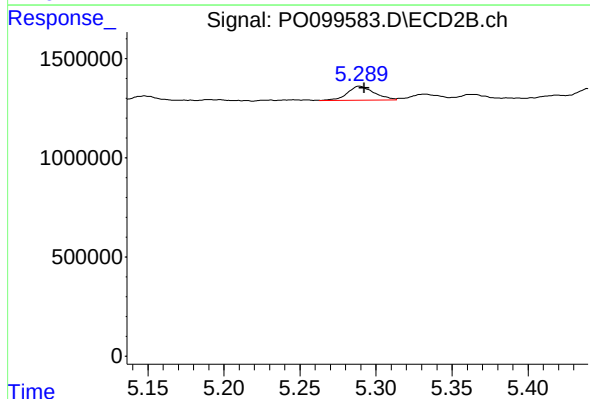
R.T.: 5.073 min
Delta R.T.: -0.001 min
Response: 806626
Conc: 48.54 ng/ml



#7 AR-1016-5

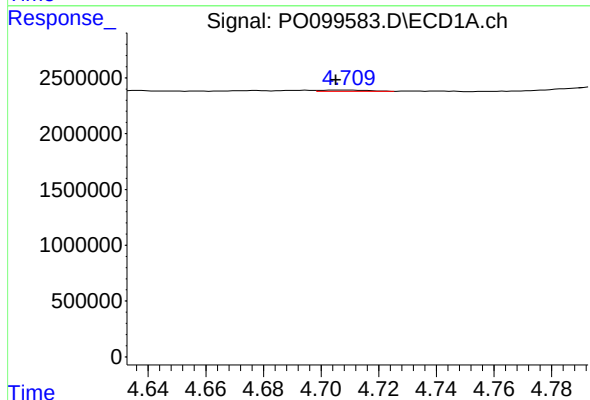
R.T.: 6.165 min
Delta R.T.: -0.001 min
Response: 1472185
Conc: 48.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



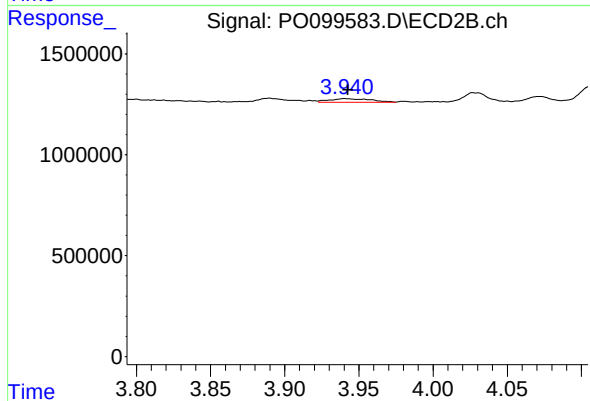
#7 AR-1016-5

R.T.: 5.289 min
Delta R.T.: -0.003 min
Response: 854884
Conc: 41.38 ng/ml



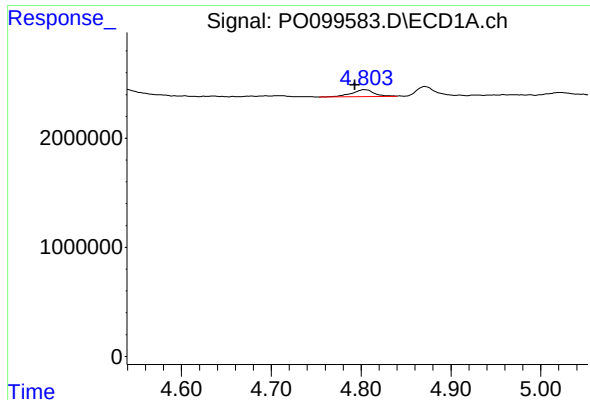
#8 AR-1221-1

R.T.: 4.709 min
Delta R.T.: 0.004 min
Response: 141786
Conc: 7.44 ng/ml



#8 AR-1221-1

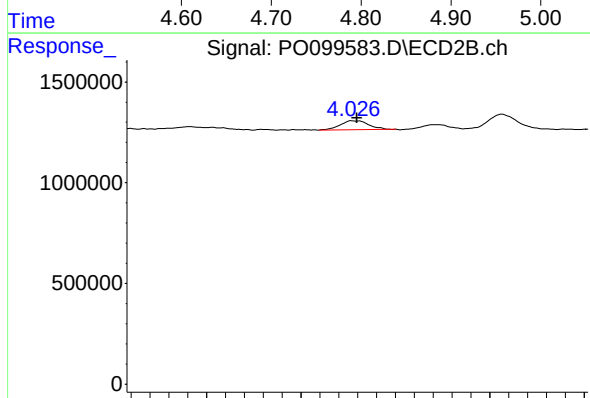
R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 325252
Conc: 22.20 ng/ml



#9 AR-1221-2

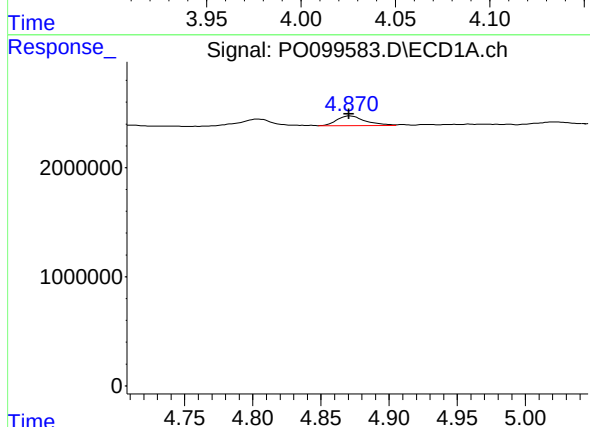
R.T.: 4.804 min
Delta R.T.: 0.011 min
Response: 1157091
Conc: 82.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



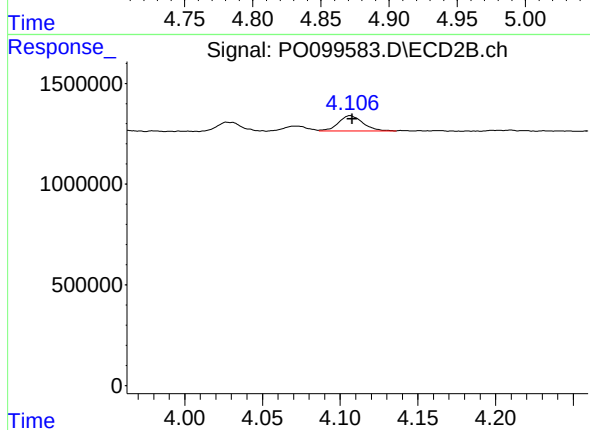
#9 AR-1221-2

R.T.: 4.028 min
Delta R.T.: -0.002 min
Response: 458015
Conc: 50.01 ng/ml



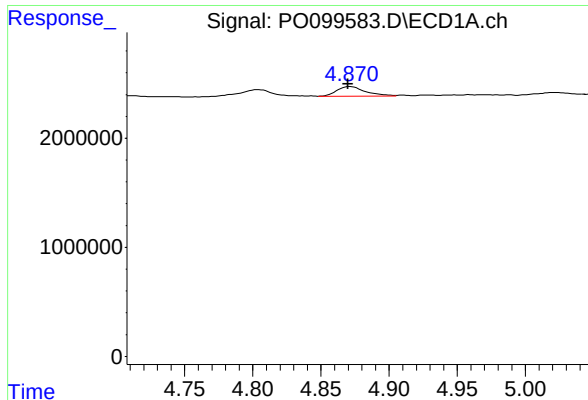
#10 AR-1221-3

R.T.: 4.871 min
Delta R.T.: 0.000 min
Response: 1290901
Conc: 31.13 ng/ml



#10 AR-1221-3

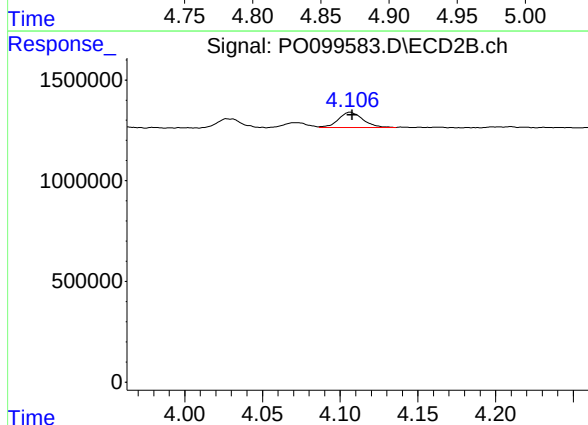
R.T.: 4.107 min
Delta R.T.: -0.001 min
Response: 828534
Conc: 26.77 ng/ml



#11 AR-1232-1

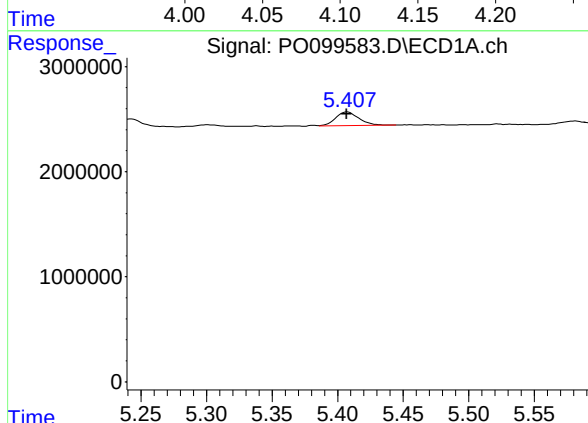
R.T.: 4.871 min
Delta R.T.: 0.002 min
Response: 1290901
Conc: 38.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



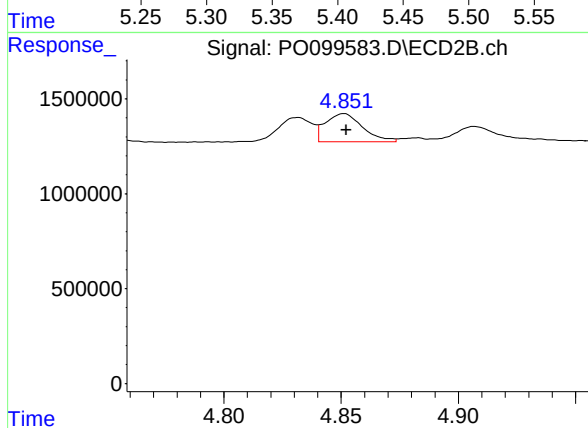
#11 AR-1232-1

R.T.: 4.107 min
Delta R.T.: -0.001 min
Response: 828534
Conc: 32.05 ng/ml



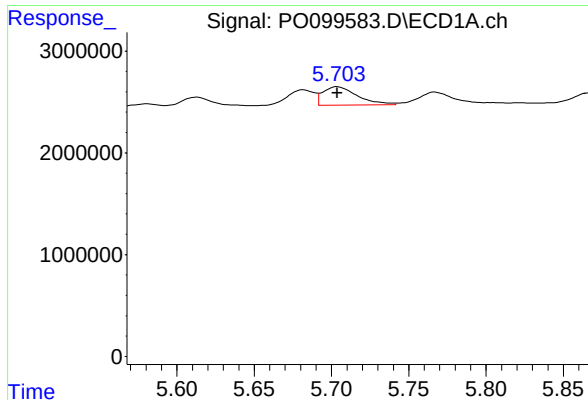
#12 AR-1232-2

R.T.: 5.408 min
Delta R.T.: 0.000 min
Response: 1630166
Conc: 97.69 ng/ml



#12 AR-1232-2

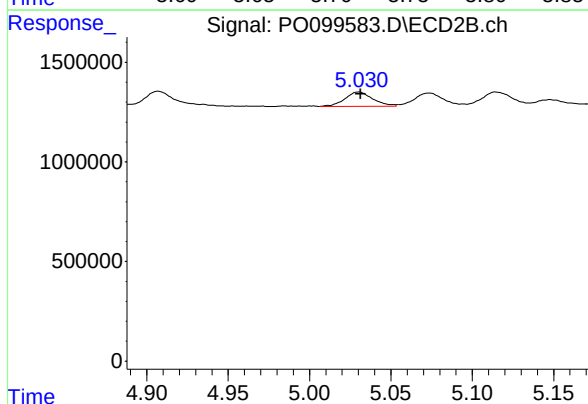
R.T.: 4.851 min
Delta R.T.: -0.001 min
Response: 1641618
Conc: 94.77 ng/ml



#13 AR-1232-3

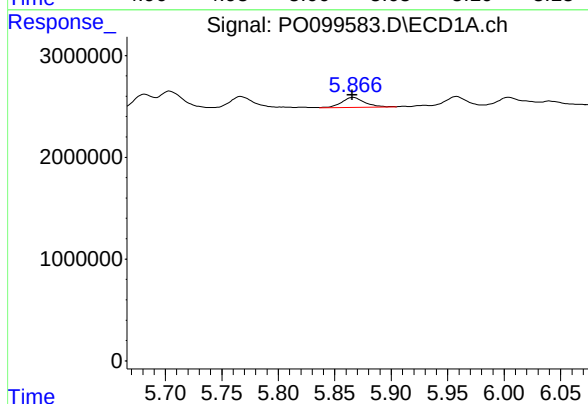
R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 2826356
Conc: 99.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



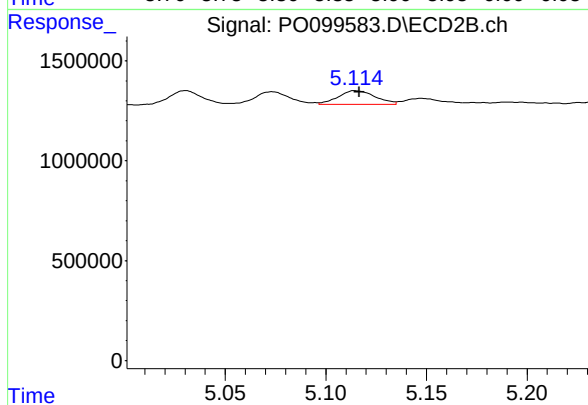
#13 AR-1232-3

R.T.: 5.030 min
Delta R.T.: -0.001 min
Response: 843593
Conc: 96.06 ng/ml



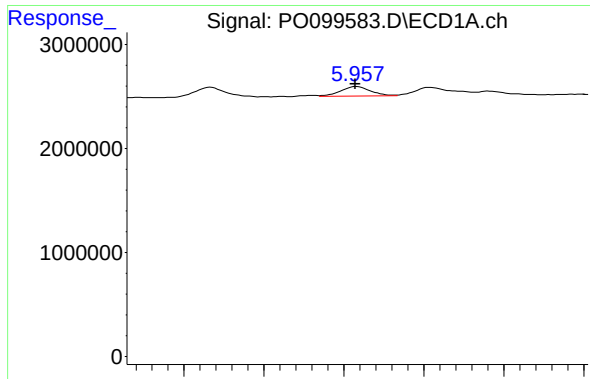
#14 AR-1232-4

R.T.: 5.867 min
Delta R.T.: 0.001 min
Response: 1374852
Conc: 101.93 ng/ml



#14 AR-1232-4

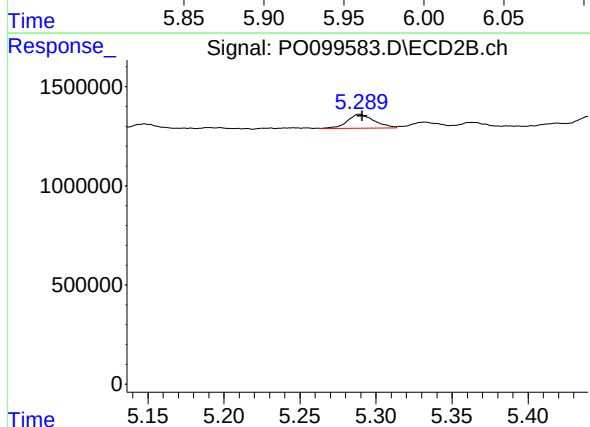
R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 872907
Conc: 107.62 ng/ml



#15 AR-1232-5

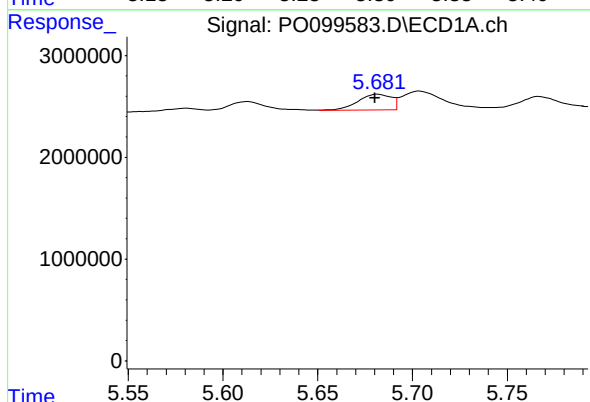
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 1223947
Conc: 106.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



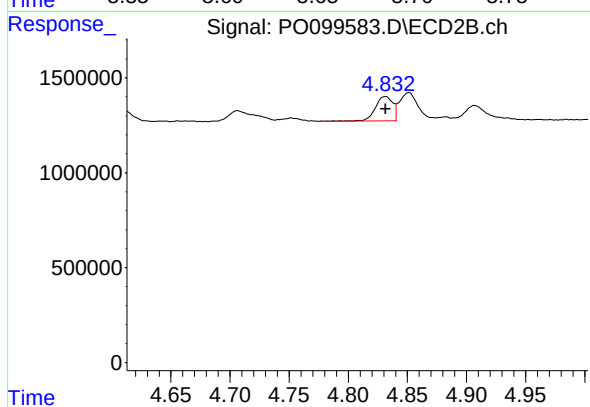
#15 AR-1232-5

R.T.: 5.289 min
Delta R.T.: -0.002 min
Response: 854884
Conc: 99.94 ng/ml



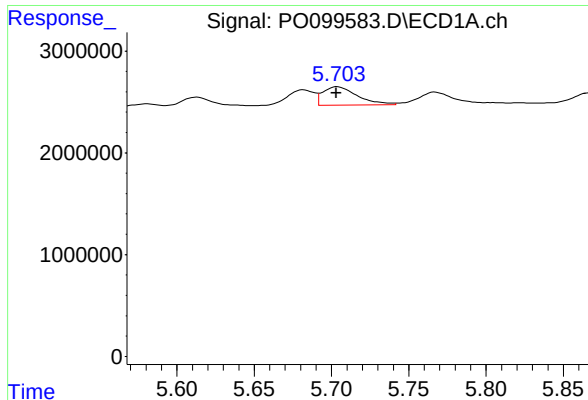
#16 AR-1242-1

R.T.: 5.682 min
Delta R.T.: 0.001 min
Response: 1895673
Conc: 60.45 ng/ml



#16 AR-1242-1

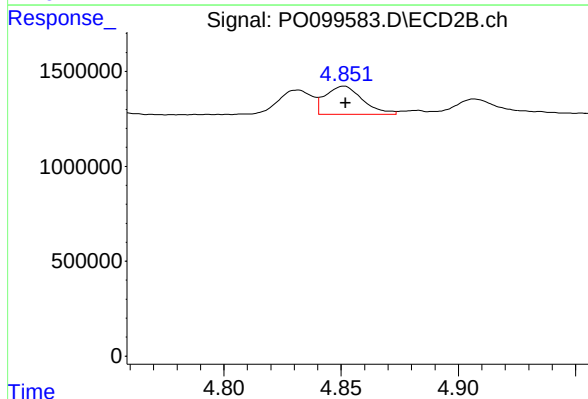
R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 1332231
Conc: 60.20 ng/ml



#17 AR-1242-2

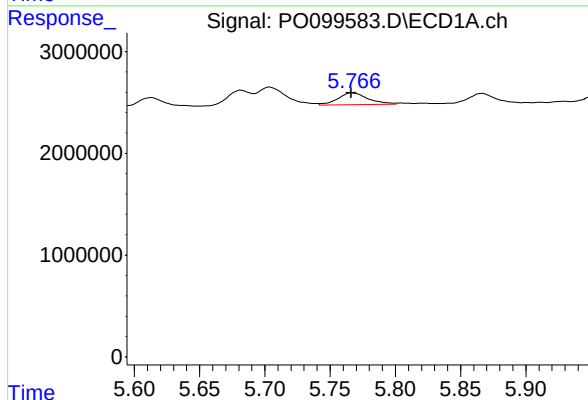
R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 2826356
Conc: 54.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



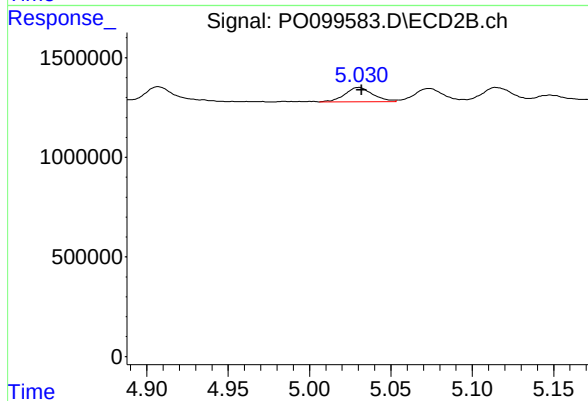
#17 AR-1242-2

R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 1641618
Conc: 55.13 ng/ml



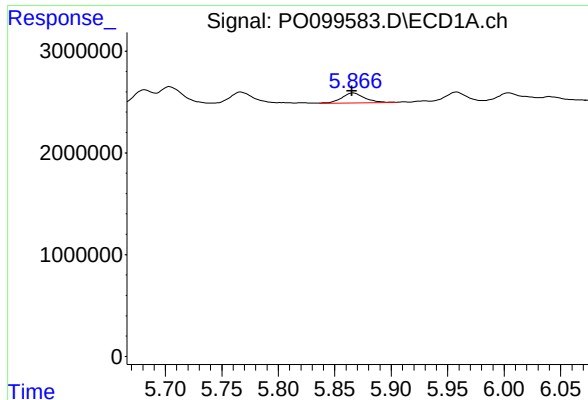
#18 AR-1242-3

R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 1916519
Conc: 54.99 ng/ml



#18 AR-1242-3

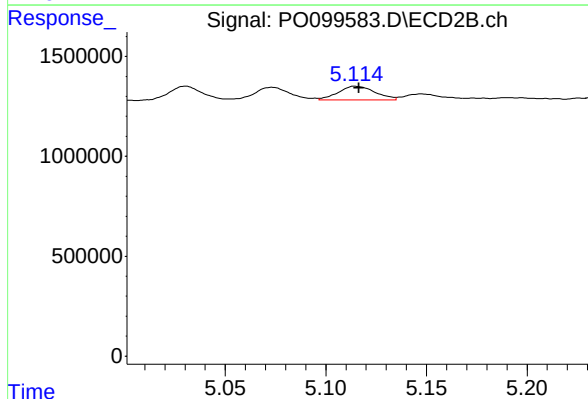
R.T.: 5.030 min
Delta R.T.: -0.002 min
Response: 843593
Conc: 51.13 ng/ml



#19 AR-1242-4

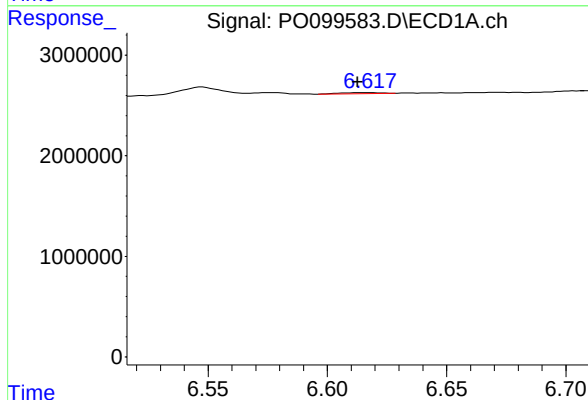
R.T.: 5.867 min
Delta R.T.: 0.001 min
Response: 1374852
Conc: 54.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



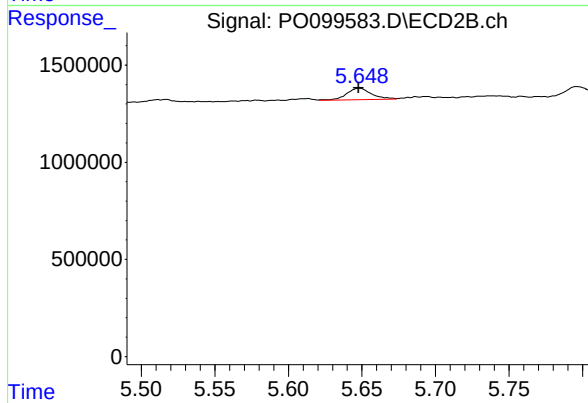
#19 AR-1242-4

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 872907
Conc: 51.81 ng/ml



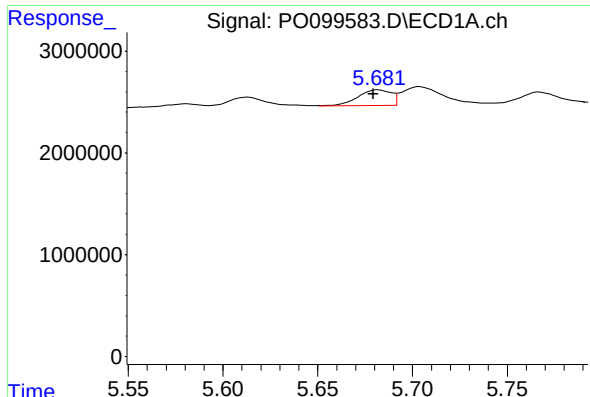
#20 AR-1242-5

R.T.: 6.617 min
Delta R.T.: 0.005 min
Response: 105422
Conc: 5.15 ng/ml



#20 AR-1242-5

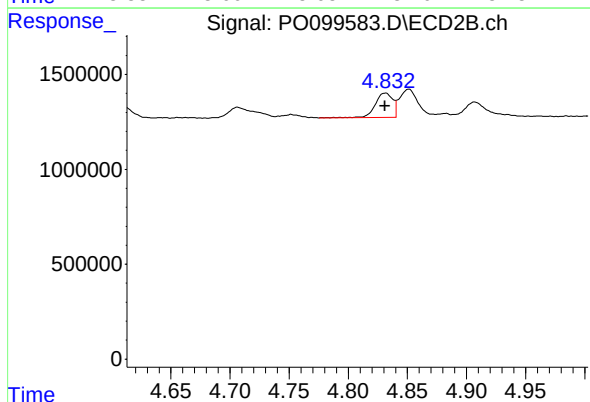
R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 699874
Conc: 40.09 ng/ml



#21 AR-1248-1

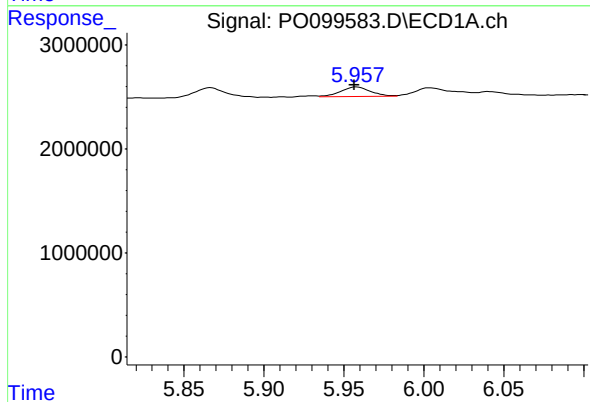
R.T.: 5.682 min
Delta R.T.: 0.003 min
Response: 1895673
Conc: 80.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



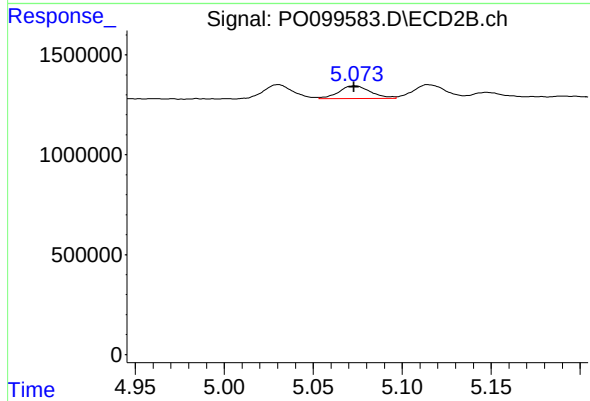
#21 AR-1248-1

R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 1332231
Conc: 77.17 ng/ml



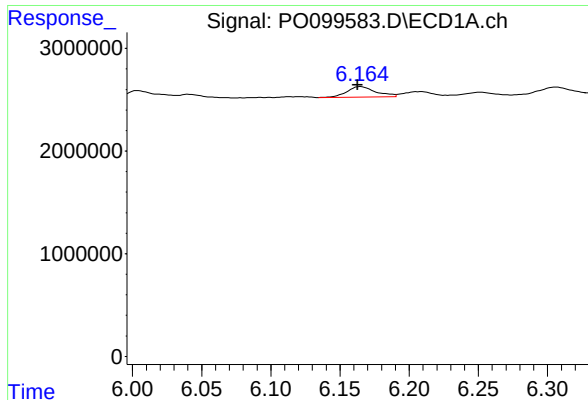
#22 AR-1248-2

R.T.: 5.958 min
Delta R.T.: 0.001 min
Response: 1223947
Conc: 31.48 ng/ml



#22 AR-1248-2

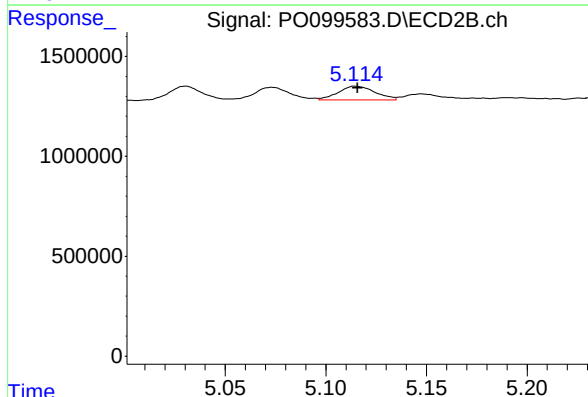
R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 806626
Conc: 34.26 ng/ml



#23 AR-1248-3

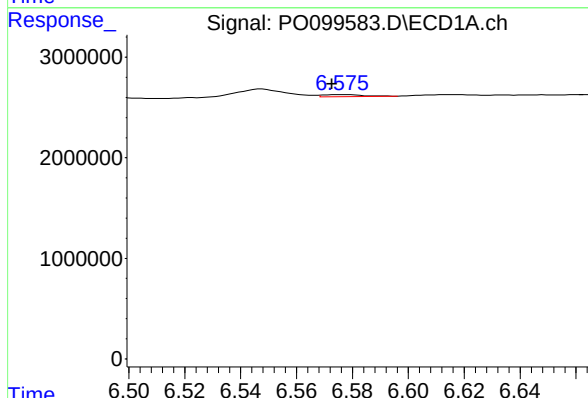
R.T.: 6.165 min
Delta R.T.: 0.002 min
Response: 1472185
Conc: 35.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



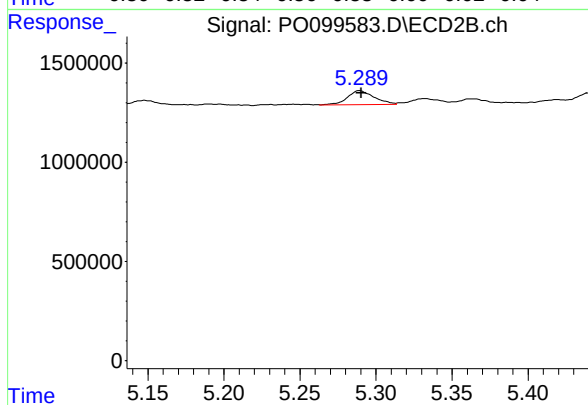
#23 AR-1248-3

R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 872907
Conc: 35.24 ng/ml



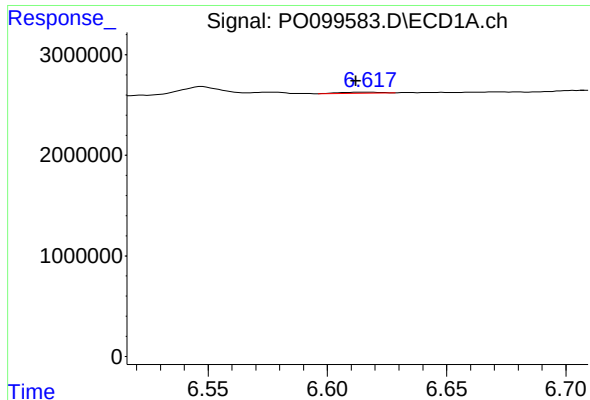
#24 AR-1248-4

R.T.: 6.576 min
Delta R.T.: 0.003 min
Response: 196370
Conc: 5.11 ng/ml



#24 AR-1248-4

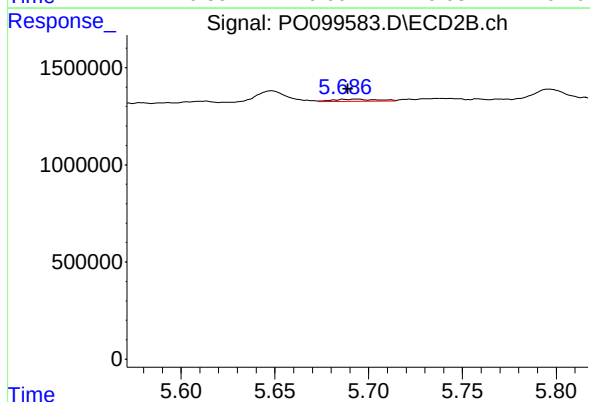
R.T.: 5.289 min
Delta R.T.: -0.001 min
Response: 854884
Conc: 31.01 ng/ml



#25 AR-1248-5

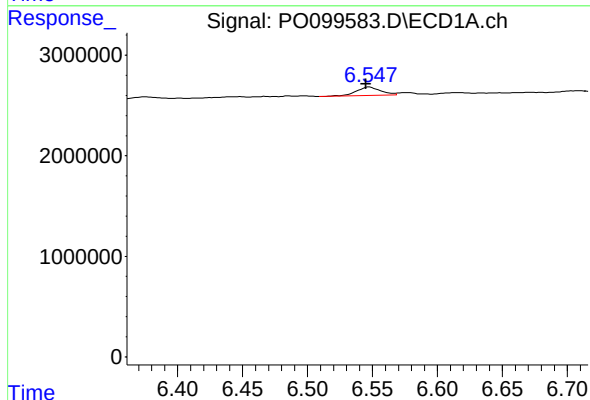
R.T.: 6.617 min
Delta R.T.: 0.005 min
Response: 105422
Conc: 2.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



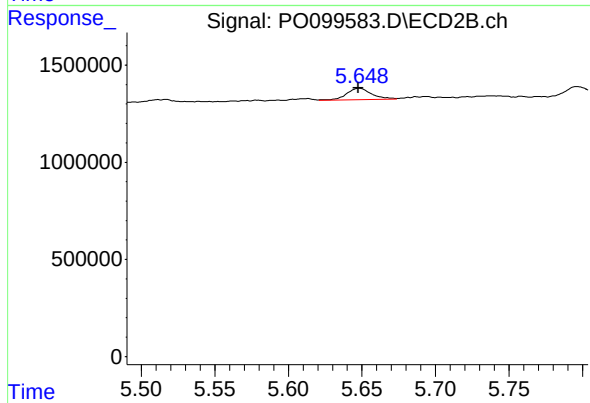
#25 AR-1248-5

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 180666
Conc: 7.92 ng/ml



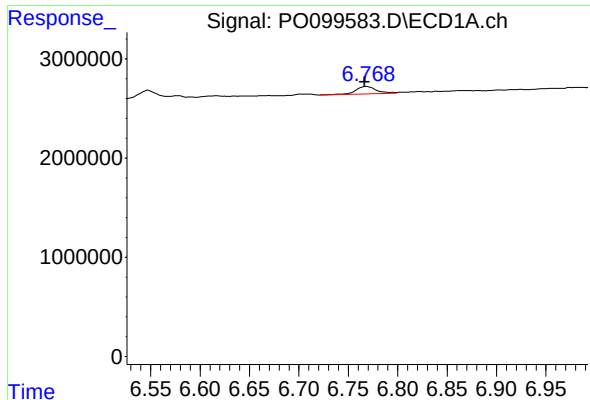
#26 AR-1254-1

R.T.: 6.547 min
Delta R.T.: 0.002 min
Response: 1094449
Conc: 24.32 ng/ml



#26 AR-1254-1

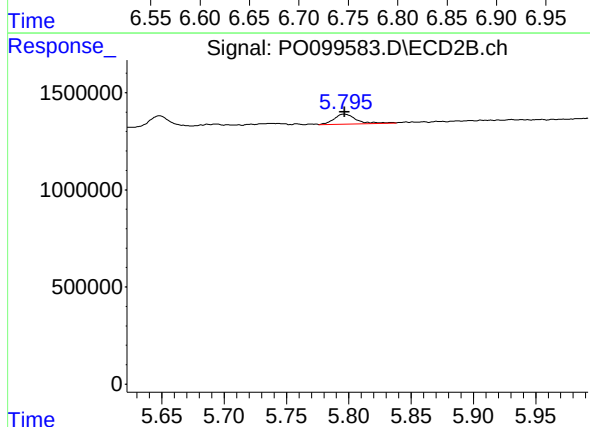
R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 699874
Conc: 19.24 ng/ml



#27 AR-1254-2

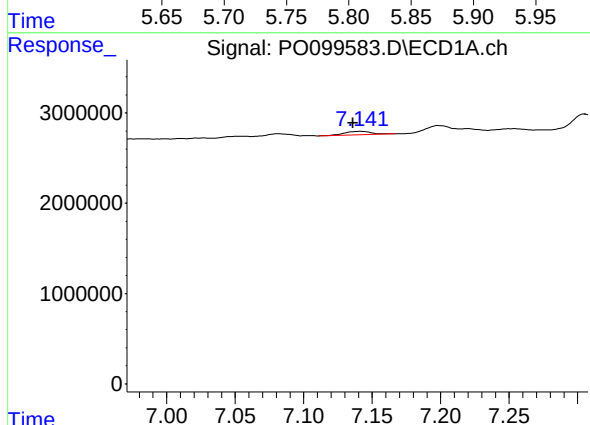
R.T.: 6.768 min
Delta R.T.: 0.002 min
Response: 1038974
Conc: 16.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



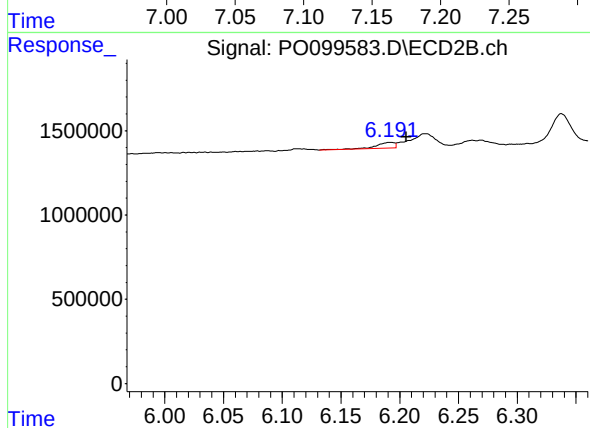
#27 AR-1254-2

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 633756
Conc: 19.51 ng/ml



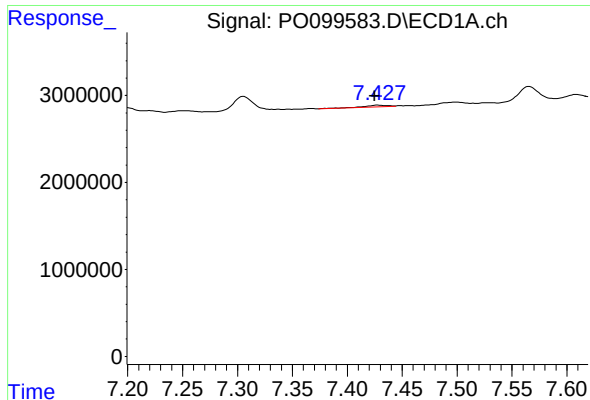
#28 AR-1254-3

R.T.: 7.141 min
Delta R.T.: 0.005 min
Response: 519423
Conc: 8.92 ng/ml



#28 AR-1254-3

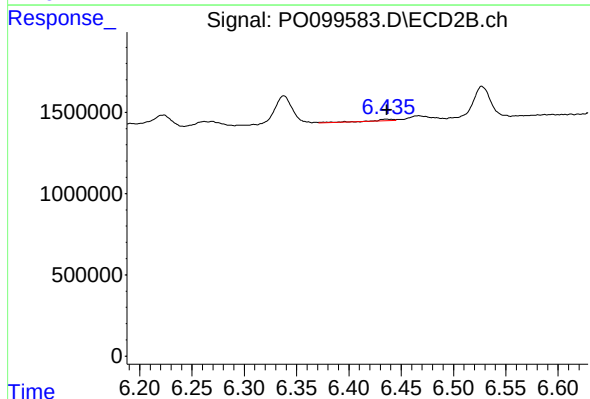
R.T.: 6.192 min
Delta R.T.: -0.014 min
Response: 368236
Conc: 6.79 ng/ml



#29 AR-1254-4

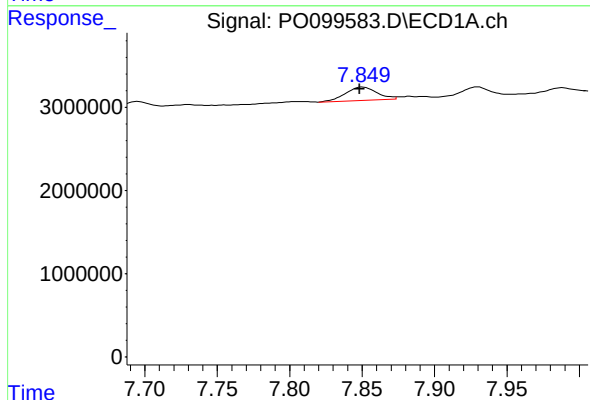
R.T.: 7.428 min
Delta R.T.: 0.003 min
Response: 316172
Conc: 9.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



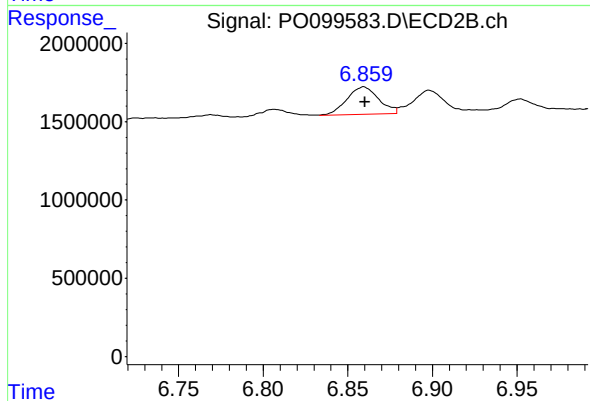
#29 AR-1254-4

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 106803
Conc: 3.79 ng/ml



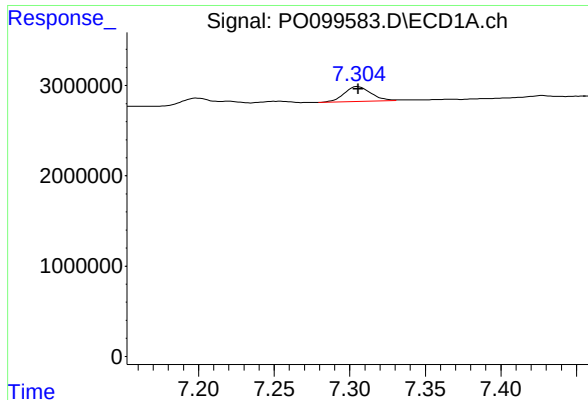
#30 AR-1254-5

R.T.: 7.850 min
Delta R.T.: 0.002 min
Response: 2460512
Conc: 62.88 ng/ml



#30 AR-1254-5

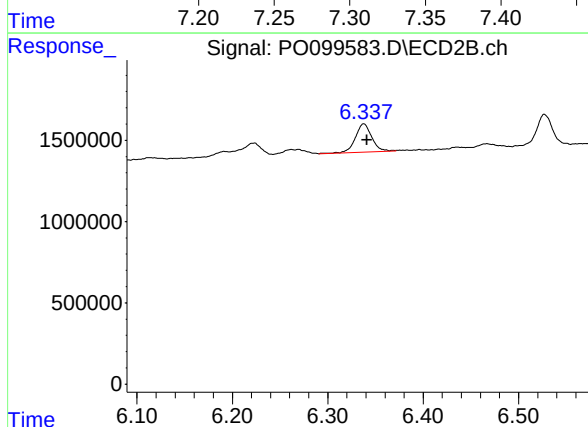
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 2287368
Conc: 46.94 ng/ml



#31 AR-1260-1

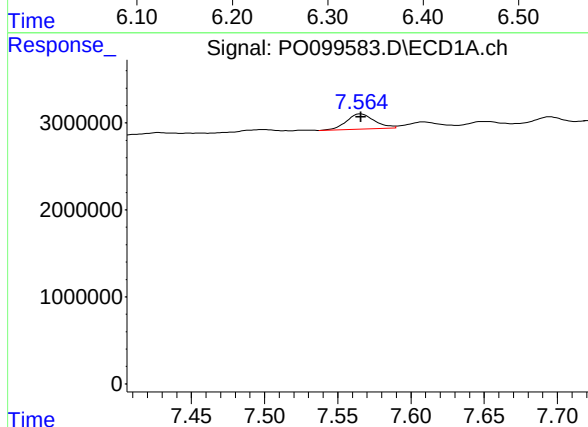
R.T.: 7.305 min
Delta R.T.: 0.000 min
Response: 2016208
Conc: 40.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



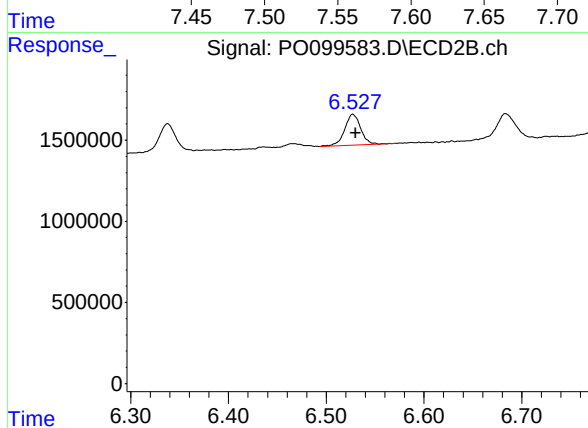
#31 AR-1260-1

R.T.: 6.338 min
Delta R.T.: -0.003 min
Response: 2070923
Conc: 48.02 ng/ml



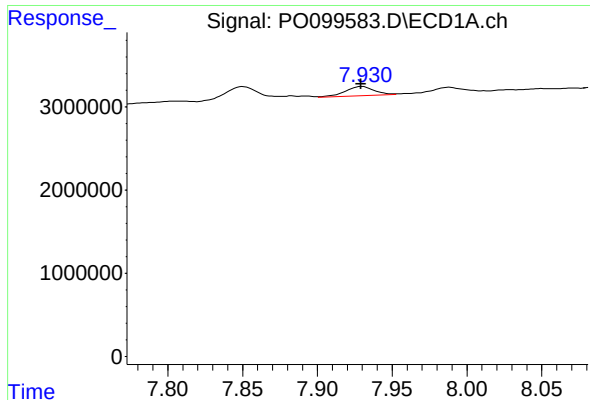
#32 AR-1260-2

R.T.: 7.565 min
Delta R.T.: 0.000 min
Response: 2358147
Conc: 46.17 ng/ml



#32 AR-1260-2

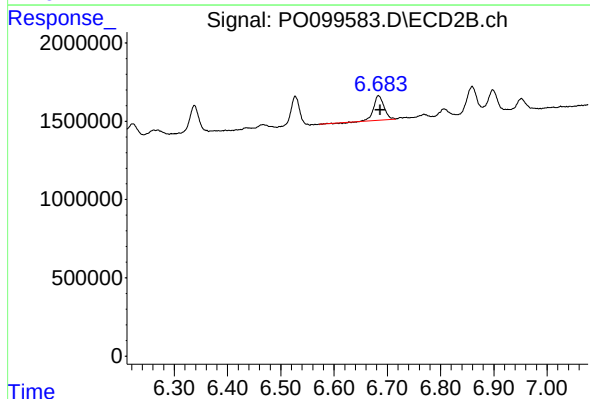
R.T.: 6.527 min
Delta R.T.: -0.003 min
Response: 2280942
Conc: 48.68 ng/ml



#33 AR-1260-3

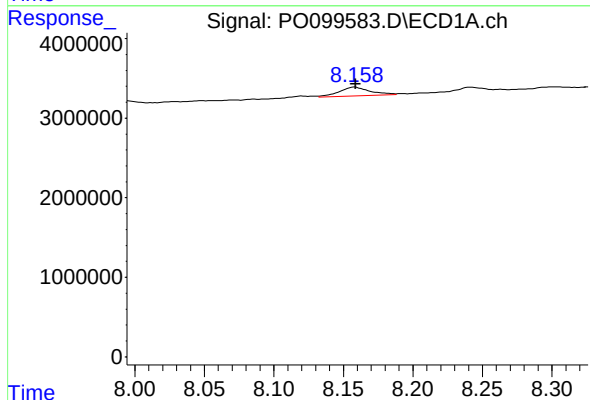
R.T.: 7.930 min
Delta R.T.: 0.000 min
Response: 1468385
Conc: 40.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



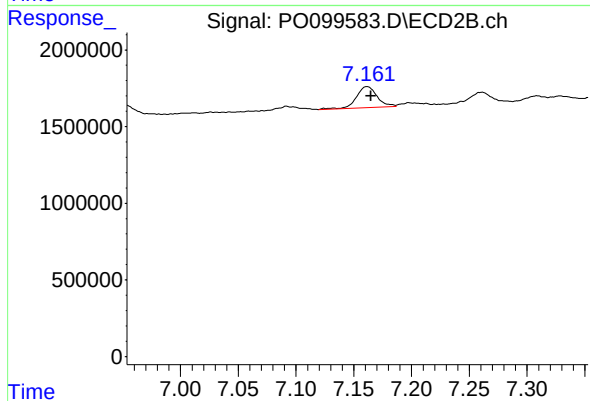
#33 AR-1260-3

R.T.: 6.683 min
Delta R.T.: -0.003 min
Response: 2085119
Conc: 45.68 ng/ml



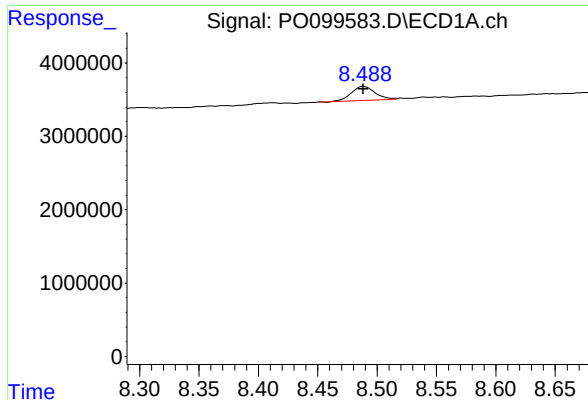
#34 AR-1260-4

R.T.: 8.158 min
Delta R.T.: 0.000 min
Response: 1703676
Conc: 43.16 ng/ml



#34 AR-1260-4

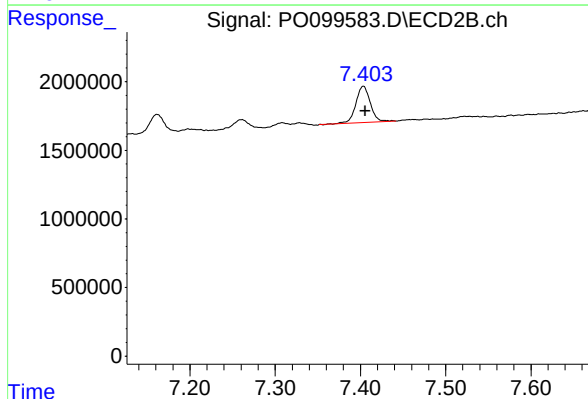
R.T.: 7.162 min
Delta R.T.: -0.003 min
Response: 1706432
Conc: 46.44 ng/ml



#35 AR-1260-5

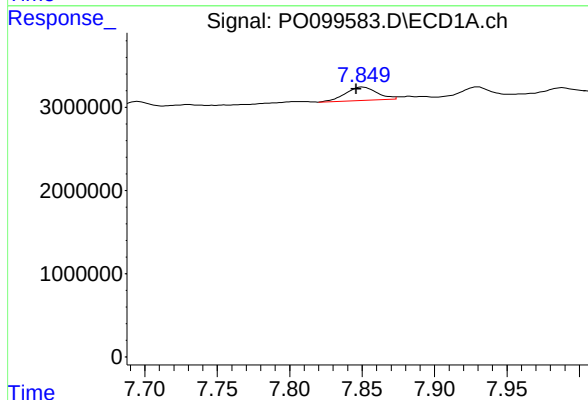
R.T.: 8.488 min
Delta R.T.: 0.000 min
Response: 2647138
Conc: 44.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



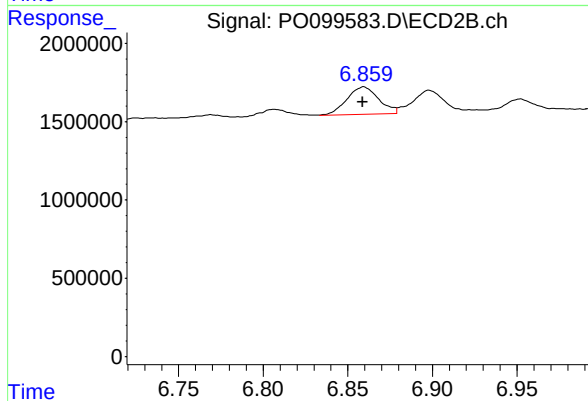
#35 AR-1260-5

R.T.: 7.403 min
Delta R.T.: -0.003 min
Response: 3112331
Conc: 42.70 ng/ml



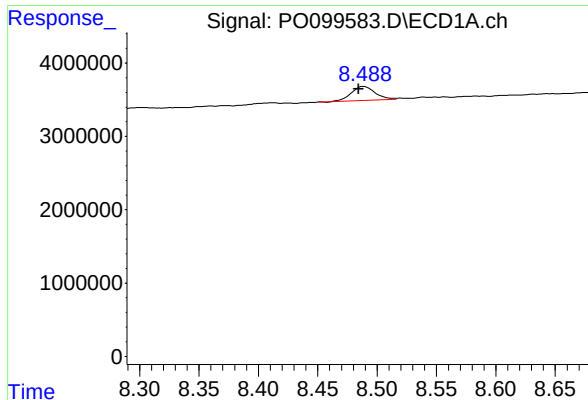
#36 AR-1262-1

R.T.: 7.850 min
Delta R.T.: 0.005 min
Response: 2460512
Conc: 77.90 ng/ml



#36 AR-1262-1

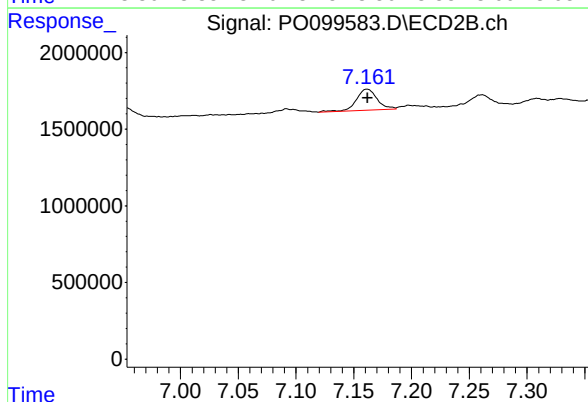
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 2287368
Conc: 93.06 ng/ml



#37 AR-1262-2

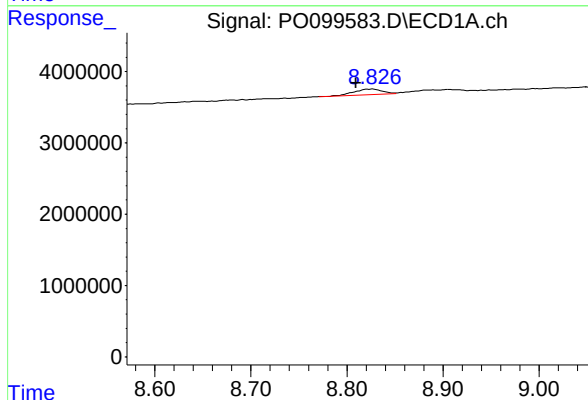
R.T.: 8.488 min
Delta R.T.: 0.004 min
Response: 2647138
Conc: 35.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



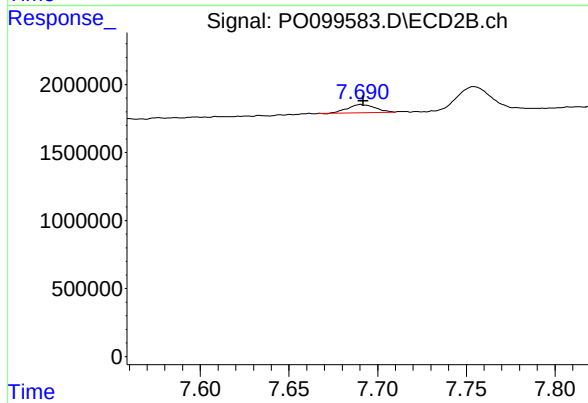
#37 AR-1262-2

R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 1706432
Conc: 34.42 ng/ml



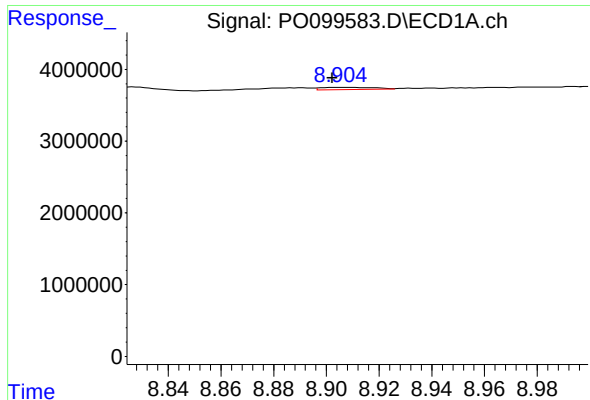
#38 AR-1262-3

R.T.: 8.826 min
Delta R.T.: 0.017 min
Response: 1662823
Conc: 32.38 ng/ml



#38 AR-1262-3

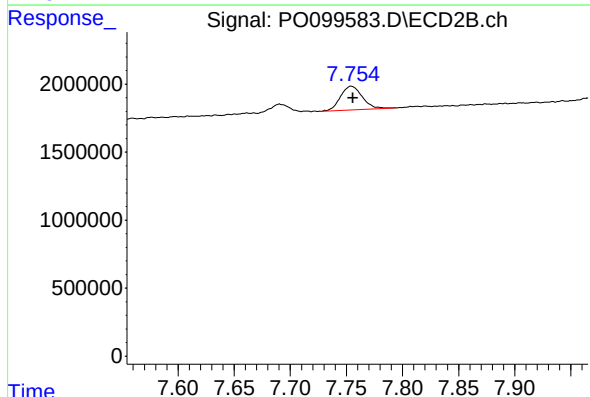
R.T.: 7.691 min
Delta R.T.: -0.001 min
Response: 663646
Conc: 17.95 ng/ml



#39 AR-1262-4

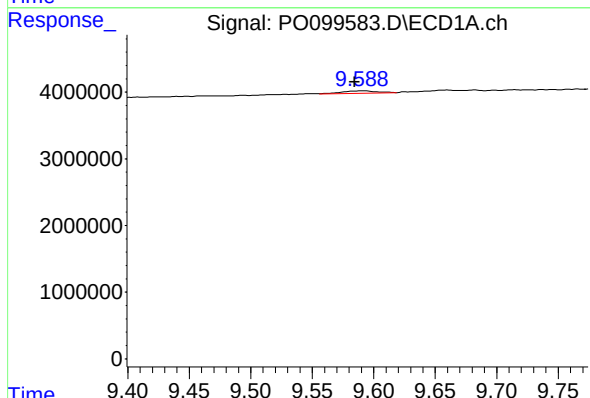
R.T.: 8.906 min
Delta R.T.: 0.003 min
Response: 416963
Conc: 10.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



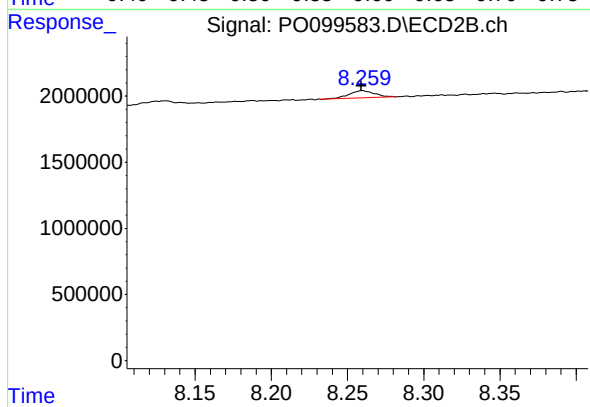
#39 AR-1262-4

R.T.: 7.754 min
Delta R.T.: -0.001 min
Response: 2350687
Conc: 36.59 ng/ml



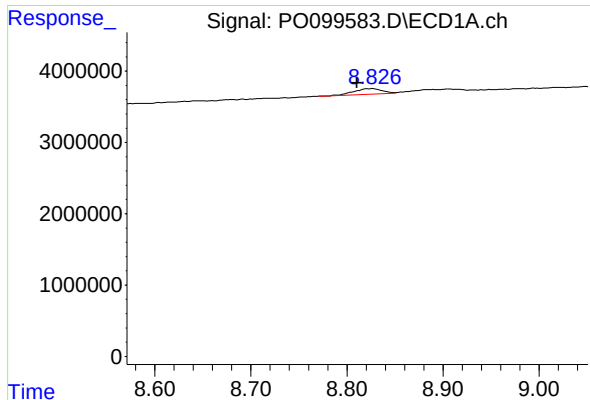
#40 AR-1262-5

R.T.: 9.591 min
Delta R.T.: 0.006 min
Response: 773902
Conc: 36.41 ng/ml



#40 AR-1262-5

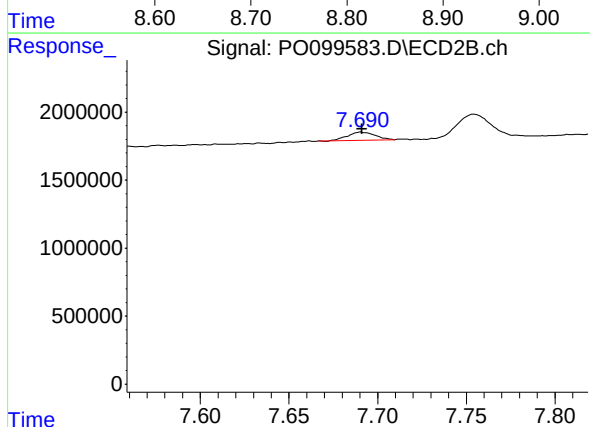
R.T.: 8.260 min
Delta R.T.: 0.000 min
Response: 612714
Conc: 22.30 ng/ml



#41 AR-1268-1

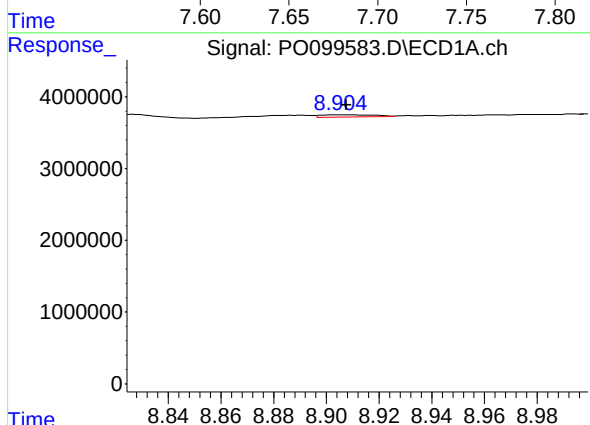
R.T.: 8.826 min
Delta R.T.: 0.016 min
Response: 1662823
Conc: 16.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



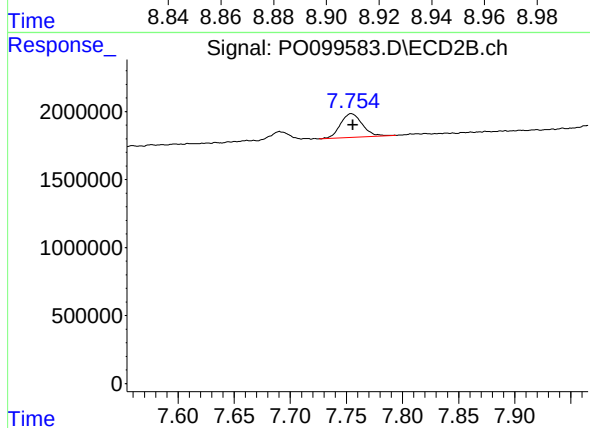
#41 AR-1268-1

R.T.: 7.691 min
Delta R.T.: 0.000 min
Response: 663646
Conc: 6.04 ng/ml



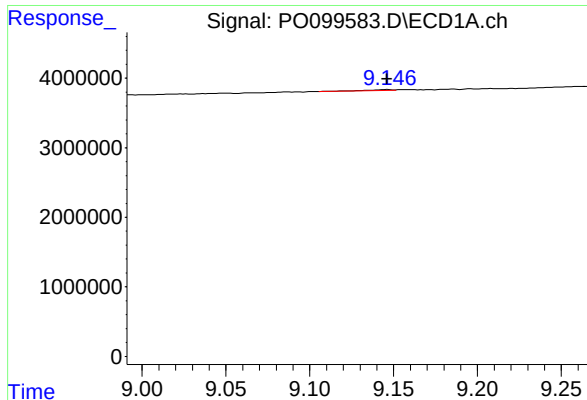
#42 AR-1268-2

R.T.: 8.906 min
Delta R.T.: -0.002 min
Response: 416963
Conc: 4.92 ng/ml



#42 AR-1268-2

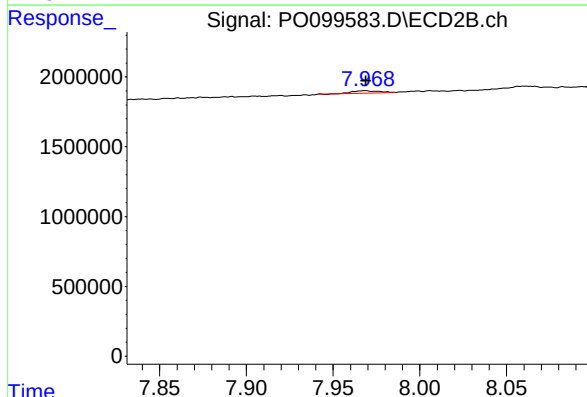
R.T.: 7.754 min
Delta R.T.: -0.002 min
Response: 2350687
Conc: 23.84 ng/ml



#43 AR-1268-3

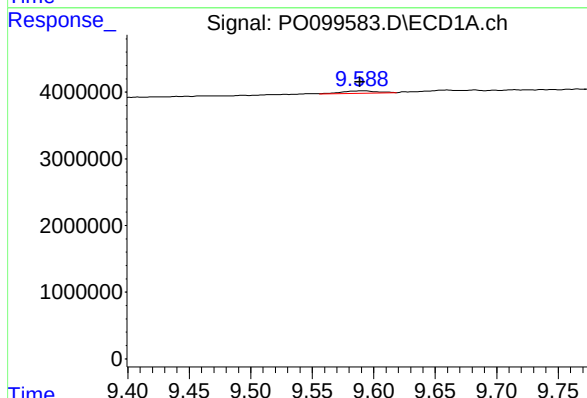
R.T.: 9.147 min
Delta R.T.: 0.000 min
Response: 152031
Conc: 1.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



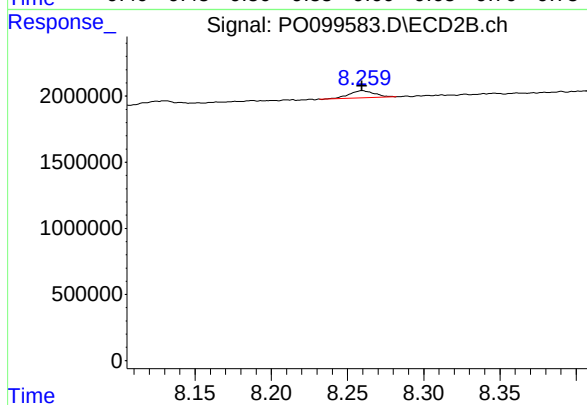
#43 AR-1268-3

R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 183371
Conc: 1.94 ng/ml



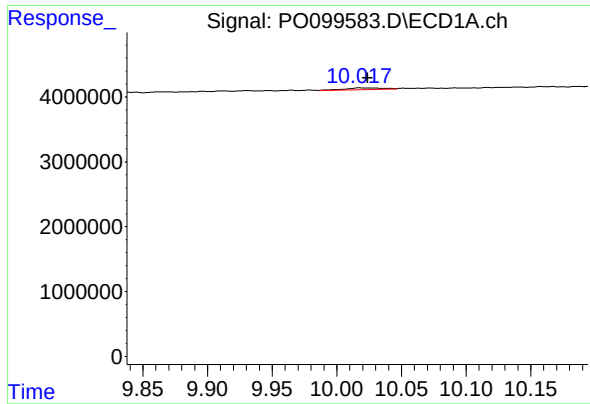
#44 AR-1268-4

R.T.: 9.591 min
Delta R.T.: 0.002 min
Response: 773902
Conc: 31.83 ng/ml



#44 AR-1268-4

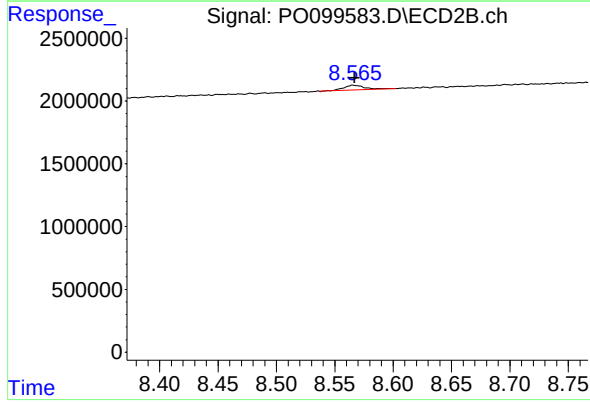
R.T.: 8.260 min
Delta R.T.: 0.000 min
Response: 612714
Conc: 20.45 ng/ml



#45 AR-1268-5

R.T.: 10.018 min
Delta R.T.: -0.006 min
Response: 553173
Conc: 2.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 466141
Conc: 1.85 ng/ml