

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO102523\
 Data File : PO098951.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Oct 2023 01:28
 Operator : YP/AJ
 Sample : 05038-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 02:54:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO102523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 25 06:04:36 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...	4.476	3.631	18839895	6882878	9.535	9.564
2)	SA Decachlor...	10.279	8.628	9401013	5205340	8.298	9.702
Target Compounds							
3)	L1 AR-1016-1	5.673	4.737	2637195	1086464	47.891	48.516
4)	L1 AR-1016-2	5.673	4.737	2637195	1086464	31.893	34.759
5)	L1 AR-1016-3	5.743	4.951f	9182962	1026365	178.406	60.614 #
6)	L1 AR-1016-4	5.867	4.951	285309	1026365	7.020	70.991 #
8)	L2 AR-1221-1	4.662	3.849	33462805	1753273	1347.771	188.729 #
9)	L2 AR-1221-2	4.755	3.942	6523043	4539146	352.611	700.083 #
10)	L2 AR-1221-3	4.883	4.040	12266044	2310186	226.408	114.212 #
11)	L3 AR-1232-1	4.883	4.040f	12266044	2310186	268.124	134.771 #
12)	L3 AR-1232-2	5.384	4.737	7641270	1086464	323.584	70.918 #
13)	L3 AR-1232-3	5.673	4.951f	2637195	1026365	66.778	128.272 #
14)	L3 AR-1232-4	5.867	4.991	285309	393785	14.954	51.182 #
15)	L3 AR-1232-5	5.921	5.164	971875	114340	58.342	13.443 #
16)	L4 AR-1242-1	5.673	4.737	2637195	1086464	60.916	61.837
17)	L4 AR-1242-2	5.673	4.737	2637195	1086464	41.176	44.833
18)	L4 AR-1242-3	5.743	4.951f	9182962	1026365	228.286	80.055 #
19)	L4 AR-1242-4	5.867	4.991	285309	393785	9.117	27.974 #
20)	L4 AR-1242-5	6.571	5.514	7915594	1350640	256.595	80.823 #
21)	L5 AR-1248-1	5.673	4.737	2637195	1086464	77.627	78.389
22)	L5 AR-1248-2	5.921	4.951	971875	1026365	18.571	51.671 #
23)	L5 AR-1248-3	6.132	4.991	-387795	393785	N.D.	18.883 #
24)	L5 AR-1248-4	6.534	5.164	4455733	114340	81.709	4.651 #
25)	L5 AR-1248-5	6.571	5.543	7915594	16227559	139.344	747.180 #
26)	L6 AR-1254-1	6.506	5.514	7807353	1350640	118.604	38.118 #
27)	L6 AR-1254-2	6.725	5.660	8110579	1726935	84.249	53.993 #
28)	L6 AR-1254-3	7.093	6.064	8454225	3827921	94.584	78.301
29)	L6 AR-1254-4	7.400	6.292	333.9E6	2662525	6094.501	101.597 #
30)	L6 AR-1254-5	7.799	6.710	7250207	4421472	107.674	104.887
31)	L7 AR-1260-1	7.258	6.193	2606397	3320488	36.371	94.130 #
32)	L7 AR-1260-2	7.515	6.382	5025635	2355427	63.699	58.759
33)	L7 AR-1260-3	7.872	6.533	635138	1812604	11.630	47.936 #
34)	L7 AR-1260-4	8.092	7.003	2931405	279805	46.785	9.683 #
35)	L7 AR-1260-5	8.426	7.246	2944534	1712884	27.515	28.463
36)	L8 AR-1262-1	7.872	6.756	635138	46312	7.017	0.987 #
37)	L8 AR-1262-2	8.426	7.003	2944534	279805	22.088	6.740 #
38)	L8 AR-1262-3	8.758	7.496	1335153	793569	13.577	24.840 #
39)	L8 AR-1262-4	8.835	7.594	778389	994528	9.717	18.089 #
40)	L8 AR-1262-5	9.511	8.083	28109	333917	0.640	13.296 #
41)	L9 AR-1268-1	8.758	7.568f	1335153	761046	7.751	8.532
42)	L9 AR-1268-2	8.835	7.594	778389	994528	4.964	12.596 #

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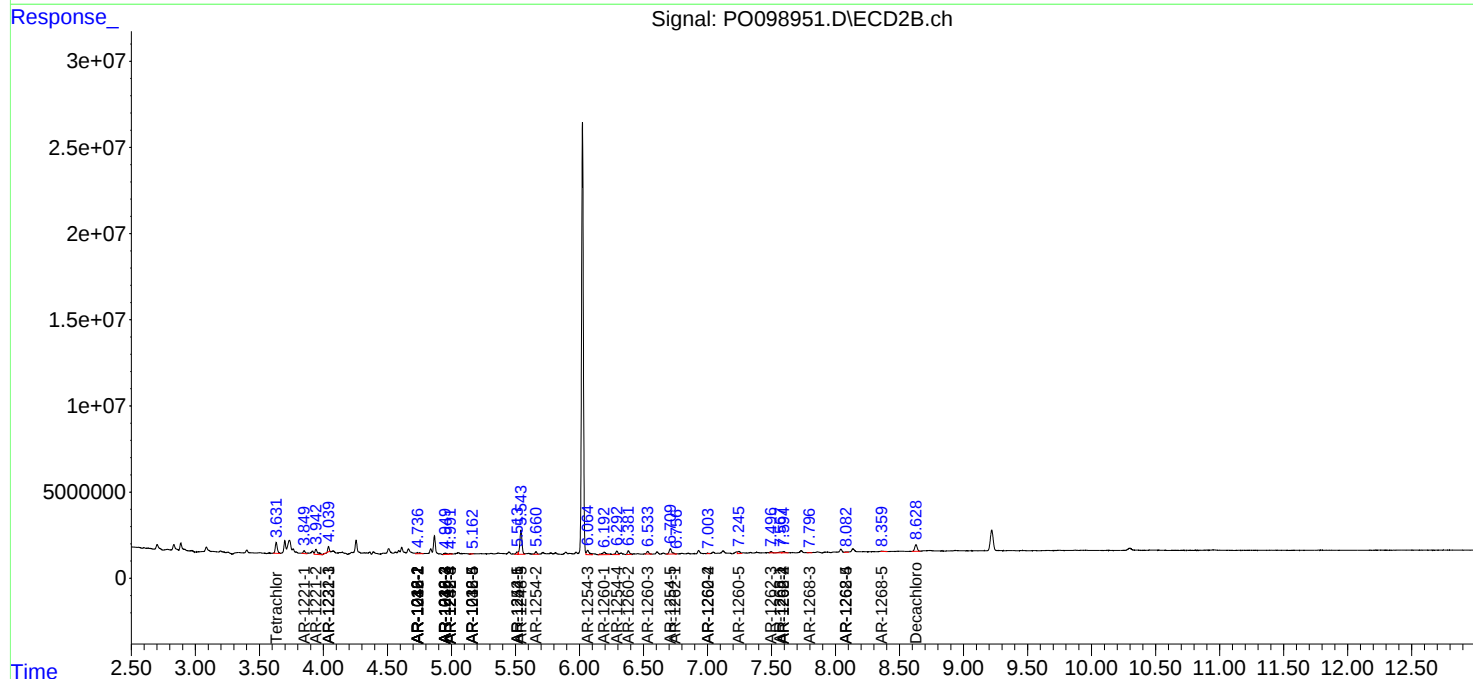
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

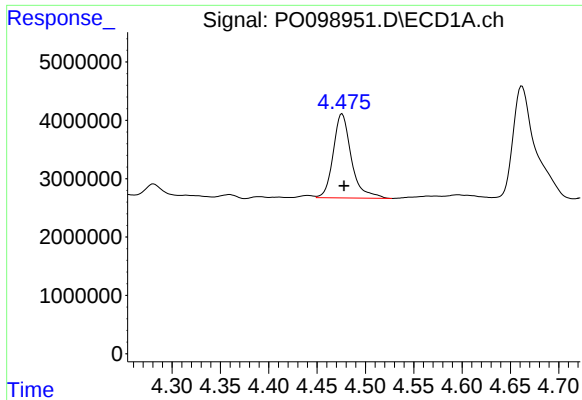
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	9.068	7.796	340705	271956	2.430	3.863 #
44) L9	AR-1268-4	9.511	8.083	28109	333917	0.561	12.116 #
45) L9	AR-1268-5	9.929	8.360	428222	162533	1.046	0.853

(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

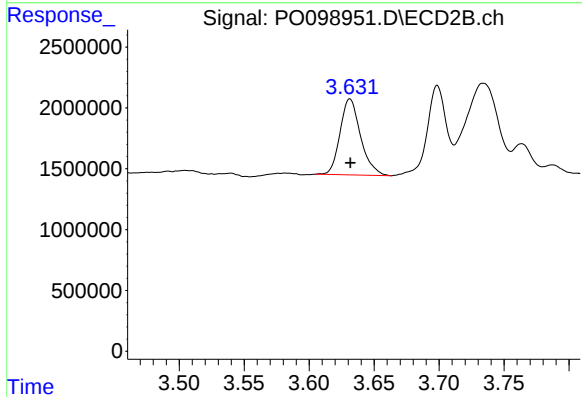




#1 Tetrachloro-m-xylene

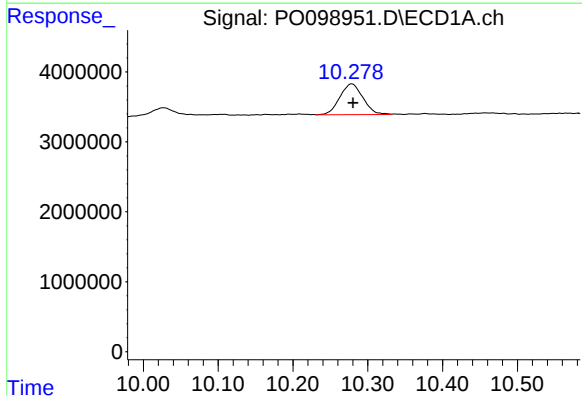
R.T.: 4.476 min
Delta R.T.: -0.002 min
Response: 18839895
Conc: 9.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



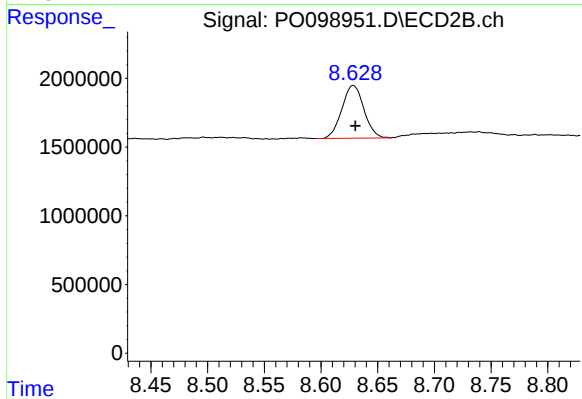
#1 Tetrachloro-m-xylene

R.T.: 3.631 min
Delta R.T.: 0.000 min
Response: 6882878
Conc: 9.56 ng/ml



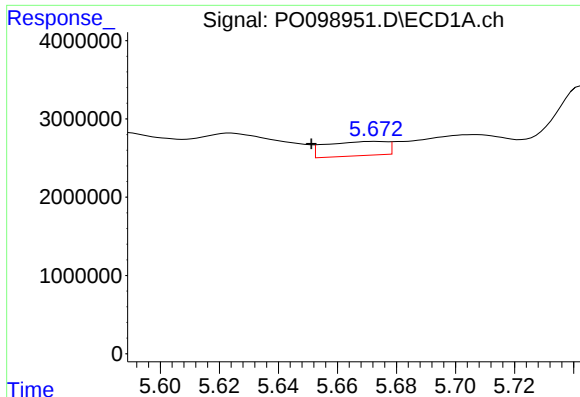
#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: -0.002 min
Response: 9401013
Conc: 8.30 ng/ml



#2 Decachlorobiphenyl

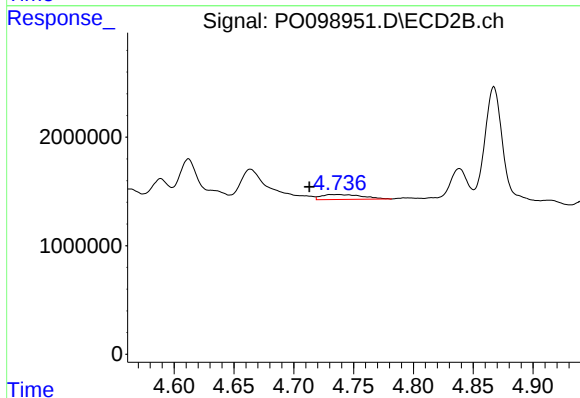
R.T.: 8.628 min
Delta R.T.: -0.002 min
Response: 5205340
Conc: 9.70 ng/ml



#3 AR-1016-1

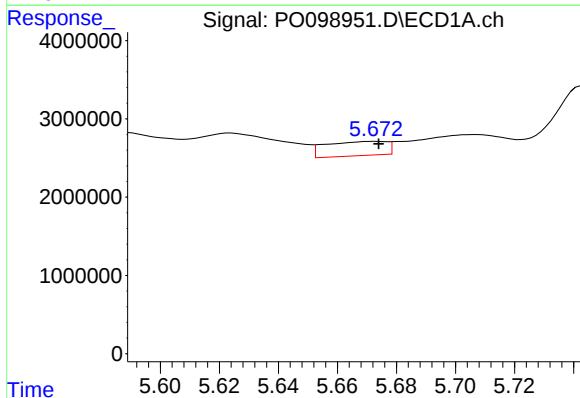
R.T.: 5.673 min
Delta R.T.: 0.022 min
Response: 2637195
Conc: 47.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



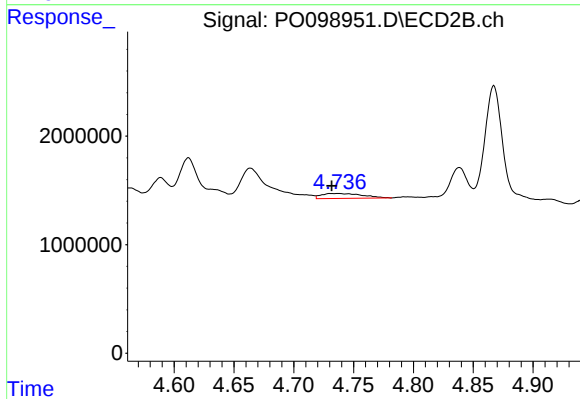
#3 AR-1016-1

R.T.: 4.737 min
Delta R.T.: 0.024 min
Response: 1086464
Conc: 48.52 ng/ml



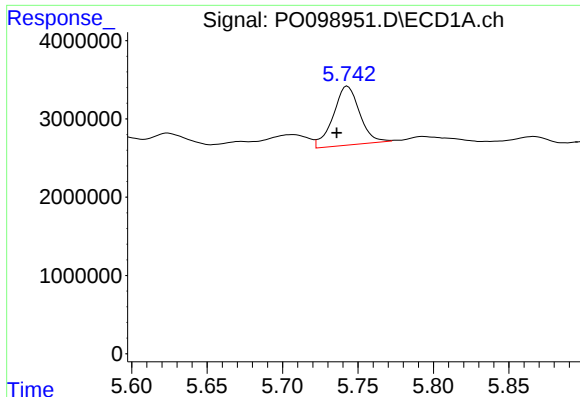
#4 AR-1016-2

R.T.: 5.673 min
Delta R.T.: -0.001 min
Response: 2637195
Conc: 31.89 ng/ml



#4 AR-1016-2

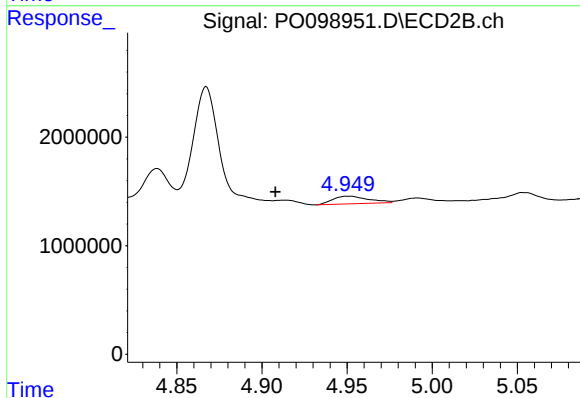
R.T.: 4.737 min
Delta R.T.: 0.005 min
Response: 1086464
Conc: 34.76 ng/ml



#5 AR-1016-3

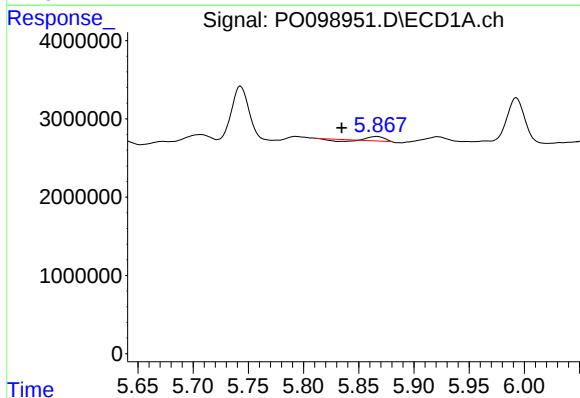
R.T.: 5.743 min
Delta R.T.: 0.007 min
Response: 9182962
Conc: 178.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



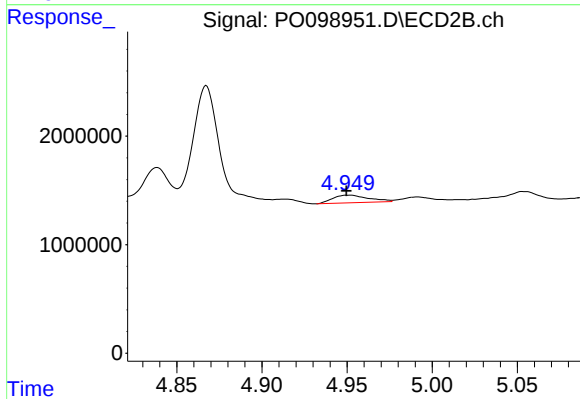
#5 AR-1016-3

R.T.: 4.951 min
Delta R.T.: 0.043 min
Response: 1026365
Conc: 60.61 ng/ml



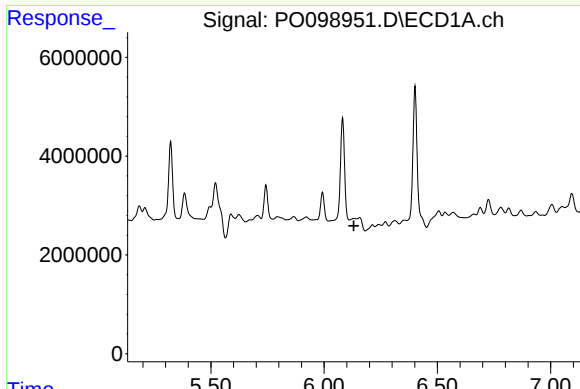
#6 AR-1016-4

R.T.: 5.867 min
Delta R.T.: 0.032 min
Response: 285309
Conc: 7.02 ng/ml



#6 AR-1016-4

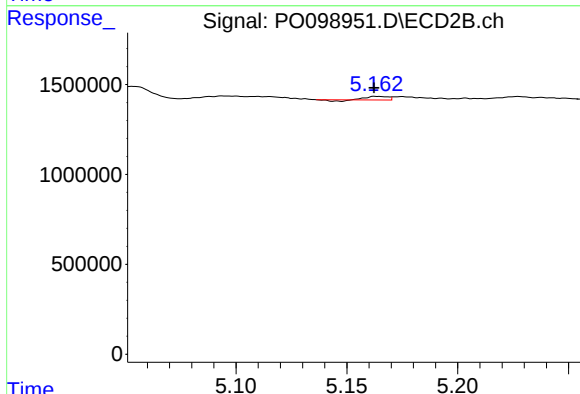
R.T.: 4.951 min
Delta R.T.: 0.002 min
Response: 1026365
Conc: 70.99 ng/ml



#7 AR-1016-5

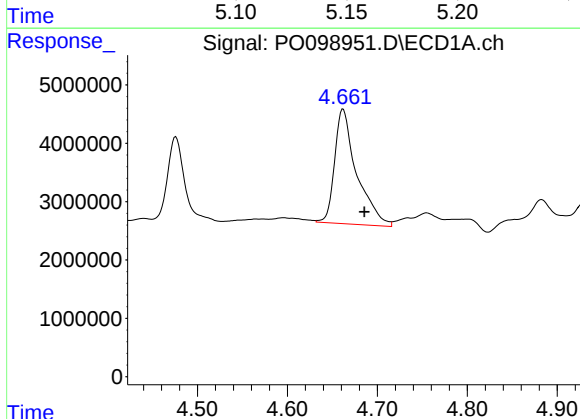
R.T.: 6.132 min
Delta R.T.: 0.001 min
Response: -387795
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



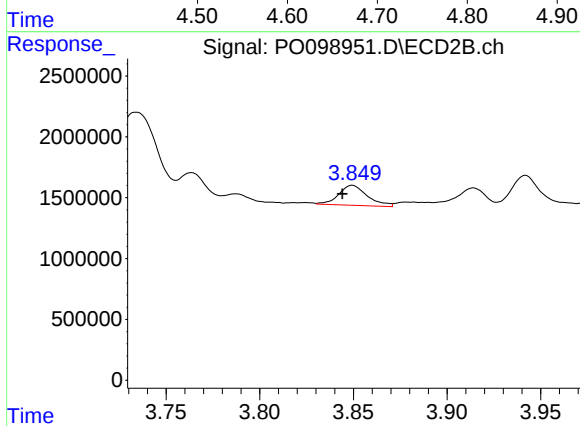
#7 AR-1016-5

R.T.: 5.164 min
Delta R.T.: 0.001 min
Response: 114340
Conc: 6.12 ng/ml



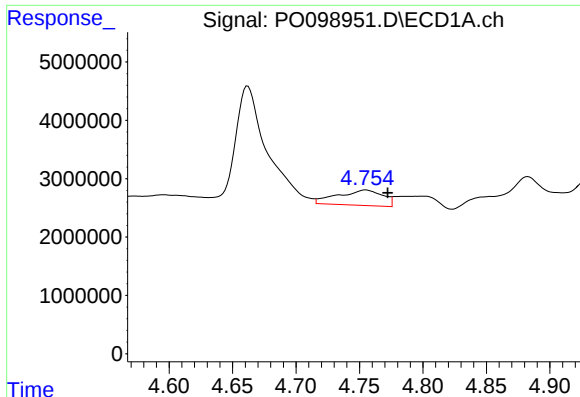
#8 AR-1221-1

R.T.: 4.662 min
Delta R.T.: -0.024 min
Response: 33462805
Conc: 1347.77 ng/ml



#8 AR-1221-1

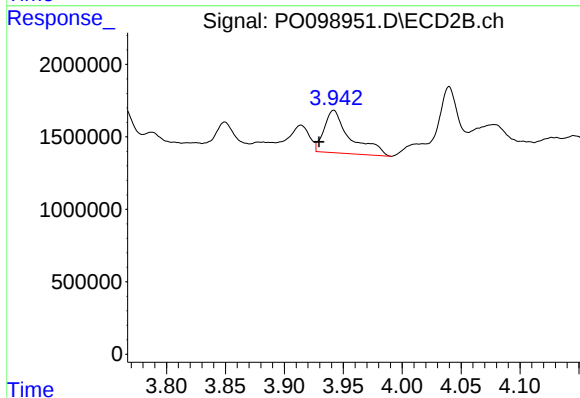
R.T.: 3.849 min
Delta R.T.: 0.005 min
Response: 1753273
Conc: 188.73 ng/ml



#9 AR-1221-2

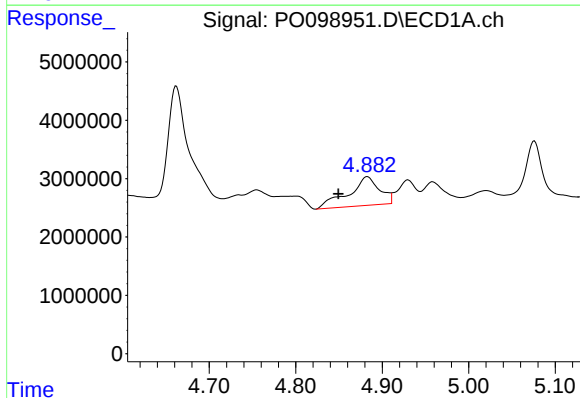
R.T.: 4.755 min
Delta R.T.: -0.017 min
Response: 6523043
Conc: 352.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



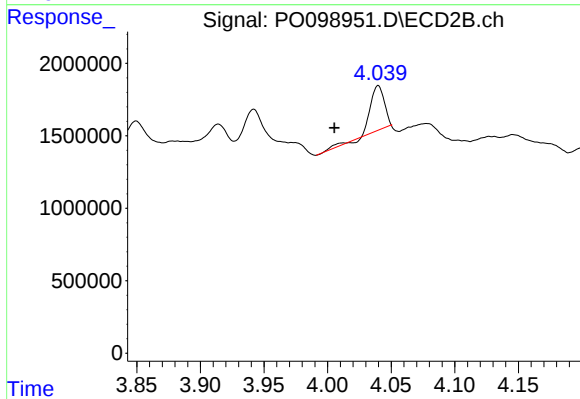
#9 AR-1221-2

R.T.: 3.942 min
Delta R.T.: 0.012 min
Response: 4539146
Conc: 700.08 ng/ml



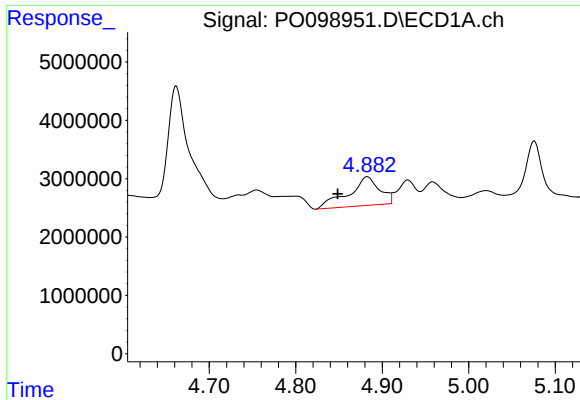
#10 AR-1221-3

R.T.: 4.883 min
Delta R.T.: 0.033 min
Response: 12266044
Conc: 226.41 ng/ml



#10 AR-1221-3

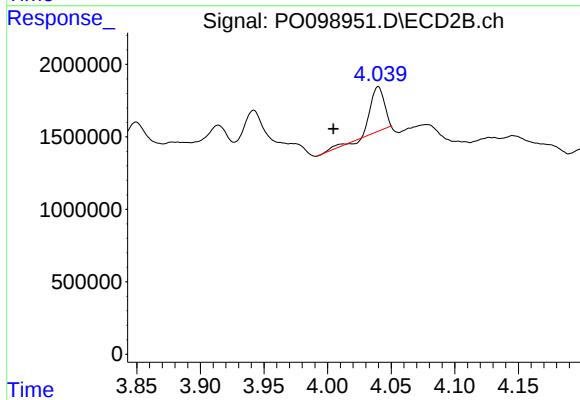
R.T.: 4.040 min
Delta R.T.: 0.035 min
Response: 2310186
Conc: 114.21 ng/ml



#11 AR-1232-1

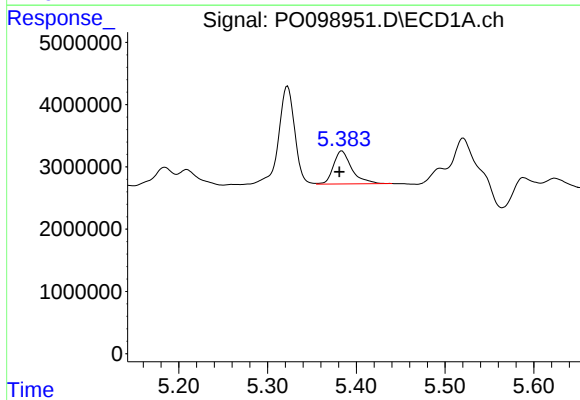
R.T.: 4.883 min
Delta R.T.: 0.034 min
Response: 12266044
Conc: 268.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



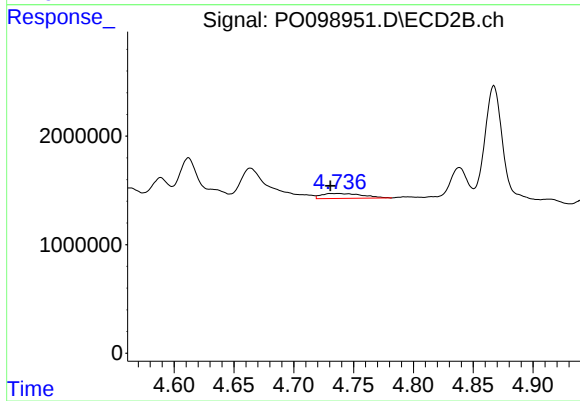
#11 AR-1232-1

R.T.: 4.040 min
Delta R.T.: 0.035 min
Response: 2310186
Conc: 134.77 ng/ml



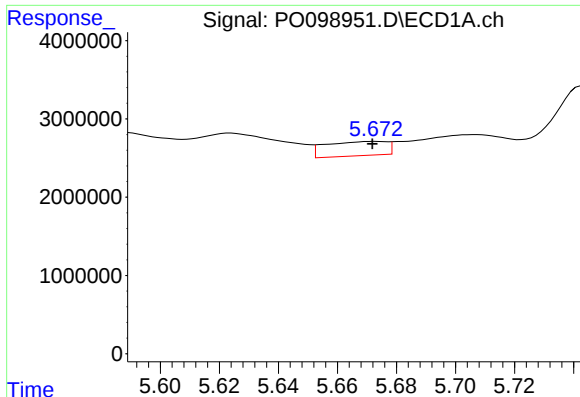
#12 AR-1232-2

R.T.: 5.384 min
Delta R.T.: 0.003 min
Response: 7641270
Conc: 323.58 ng/ml



#12 AR-1232-2

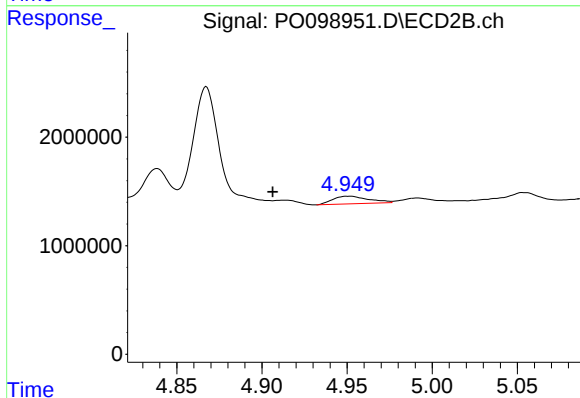
R.T.: 4.737 min
Delta R.T.: 0.006 min
Response: 1086464
Conc: 70.92 ng/ml



#13 AR-1232-3

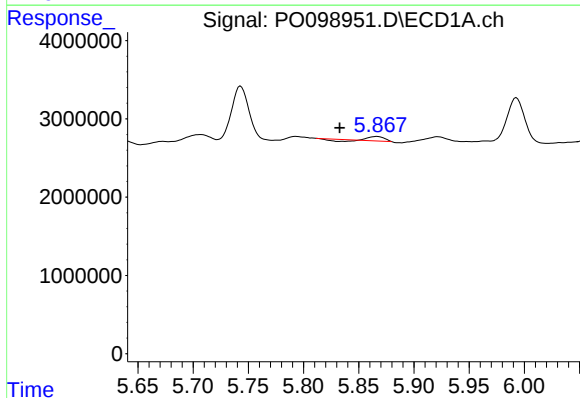
R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 2637195
Conc: 66.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



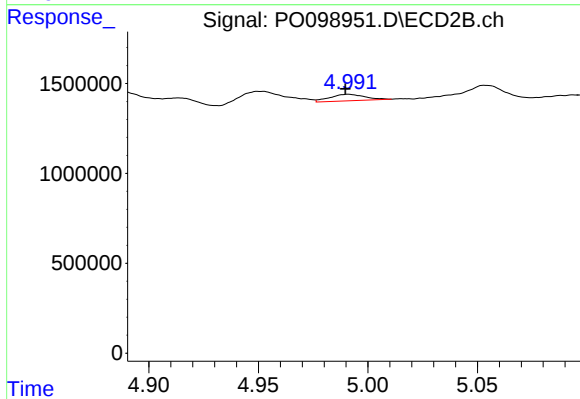
#13 AR-1232-3

R.T.: 4.951 min
Delta R.T.: 0.045 min
Response: 1026365
Conc: 128.27 ng/ml



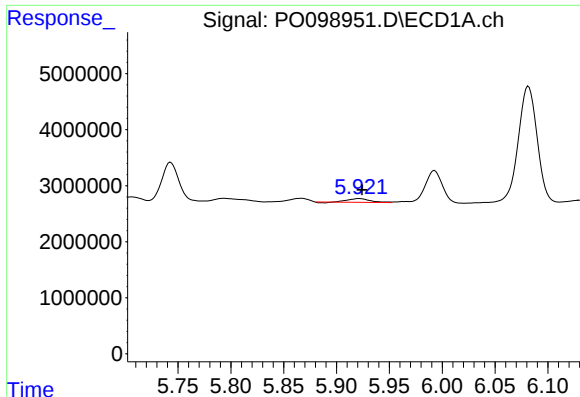
#14 AR-1232-4

R.T.: 5.867 min
Delta R.T.: 0.034 min
Response: 285309
Conc: 14.95 ng/ml



#14 AR-1232-4

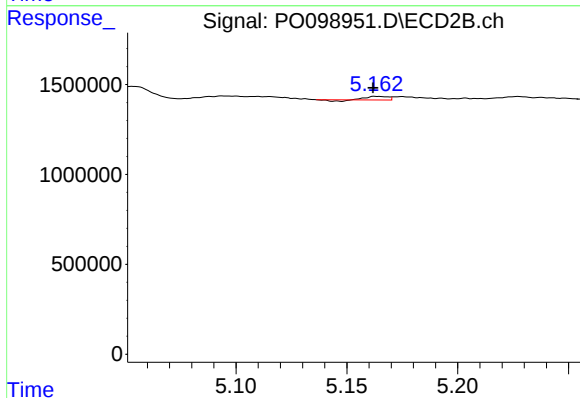
R.T.: 4.991 min
Delta R.T.: 0.001 min
Response: 393785
Conc: 51.18 ng/ml



#15 AR-1232-5

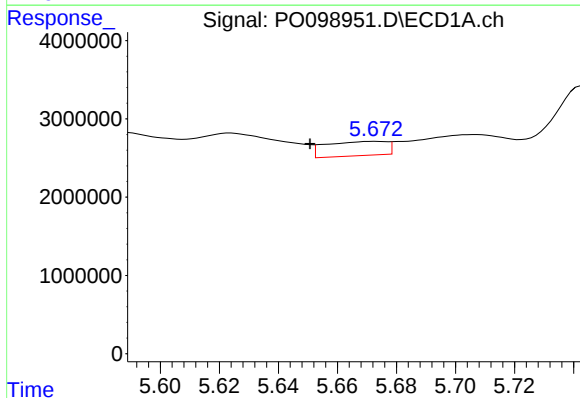
R.T.: 5.921 min
Delta R.T.: -0.003 min
Response: 971875
Conc: 58.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



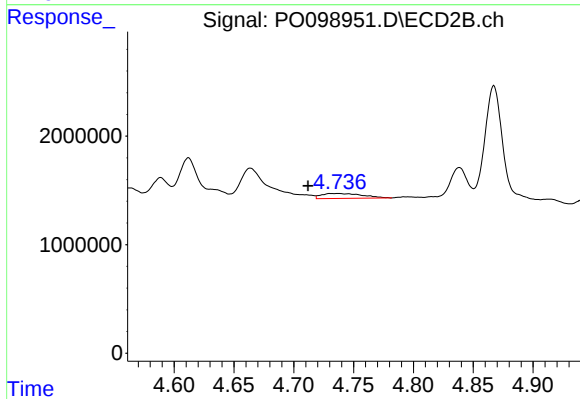
#15 AR-1232-5

R.T.: 5.164 min
Delta R.T.: 0.002 min
Response: 114340
Conc: 13.44 ng/ml



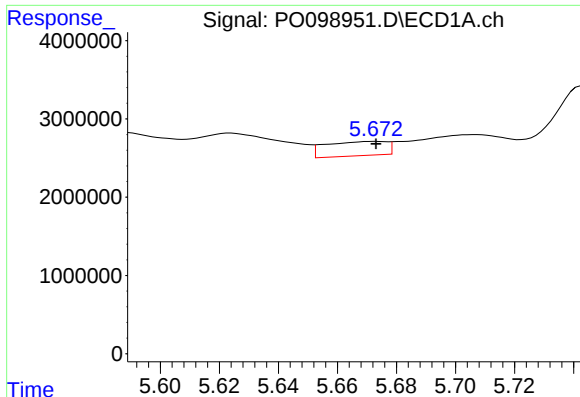
#16 AR-1242-1

R.T.: 5.673 min
Delta R.T.: 0.022 min
Response: 2637195
Conc: 60.92 ng/ml



#16 AR-1242-1

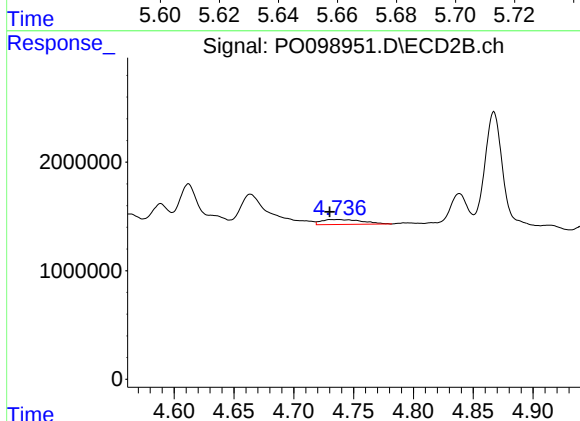
R.T.: 4.737 min
Delta R.T.: 0.025 min
Response: 1086464
Conc: 61.84 ng/ml



#17 AR-1242-2

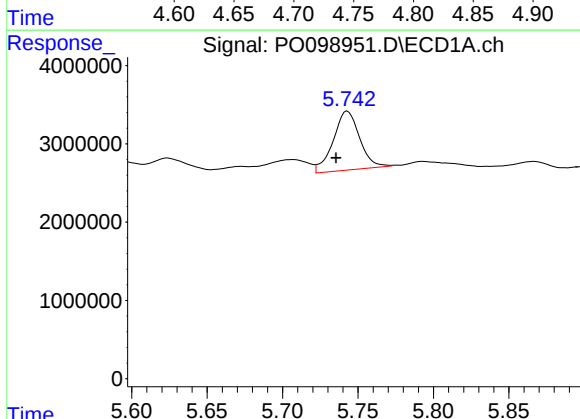
R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 2637195
Conc: 41.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



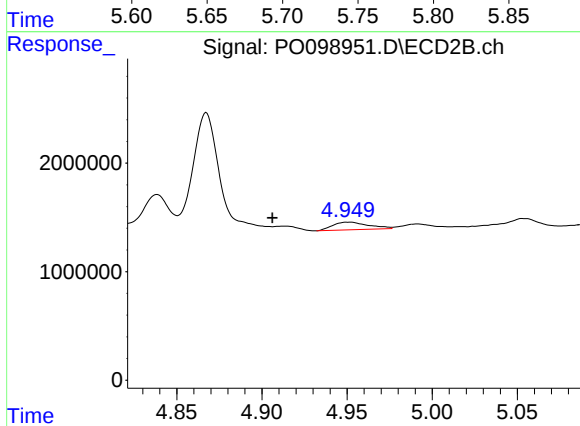
#17 AR-1242-2

R.T.: 4.737 min
Delta R.T.: 0.007 min
Response: 1086464
Conc: 44.83 ng/ml



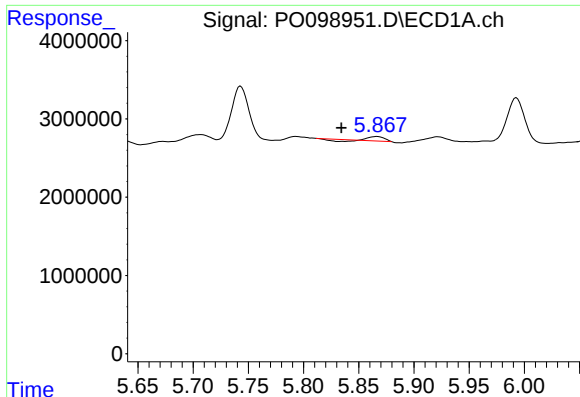
#18 AR-1242-3

R.T.: 5.743 min
Delta R.T.: 0.008 min
Response: 9182962
Conc: 228.29 ng/ml



#18 AR-1242-3

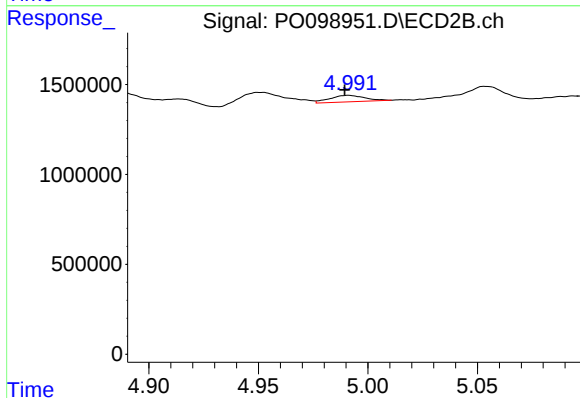
R.T.: 4.951 min
Delta R.T.: 0.045 min
Response: 1026365
Conc: 80.06 ng/ml



#19 AR-1242-4

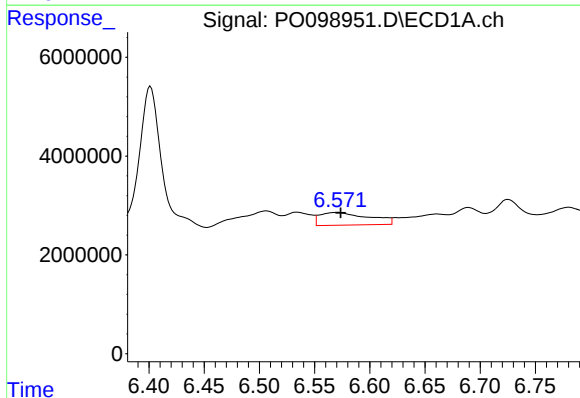
R.T.: 5.867 min
Delta R.T.: 0.032 min
Response: 285309
Conc: 9.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



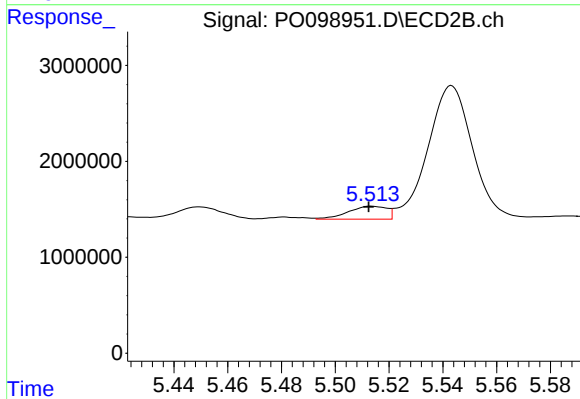
#19 AR-1242-4

R.T.: 4.991 min
Delta R.T.: 0.002 min
Response: 393785
Conc: 27.97 ng/ml



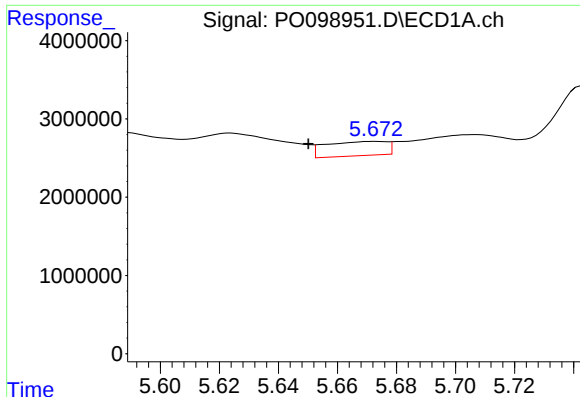
#20 AR-1242-5

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 7915594
Conc: 256.59 ng/ml



#20 AR-1242-5

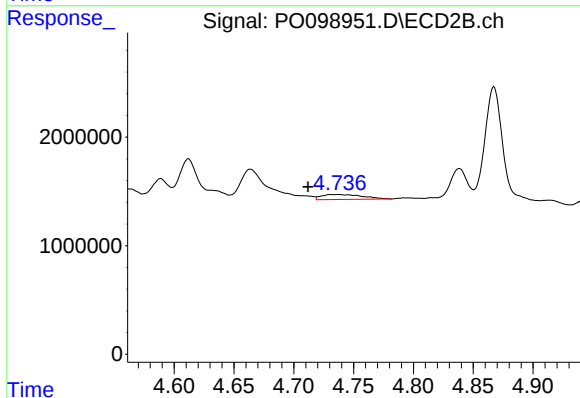
R.T.: 5.514 min
Delta R.T.: 0.001 min
Response: 1350640
Conc: 80.82 ng/ml



#21 AR-1248-1

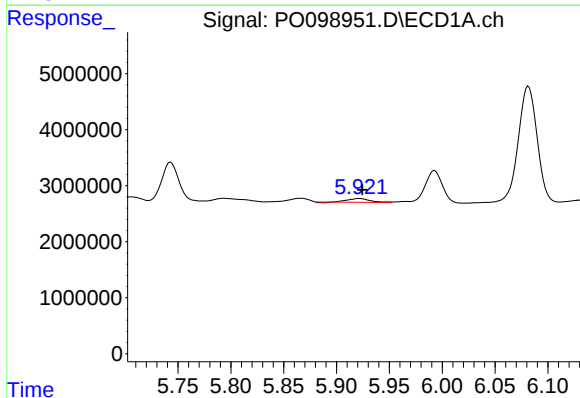
R.T.: 5.673 min
Delta R.T.: 0.023 min
Response: 2637195
Conc: 77.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



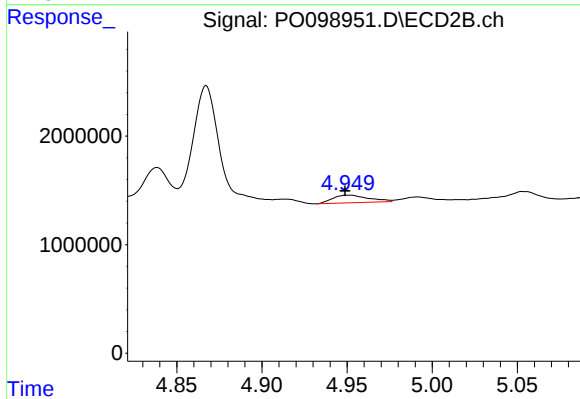
#21 AR-1248-1

R.T.: 4.737 min
Delta R.T.: 0.025 min
Response: 1086464
Conc: 78.39 ng/ml



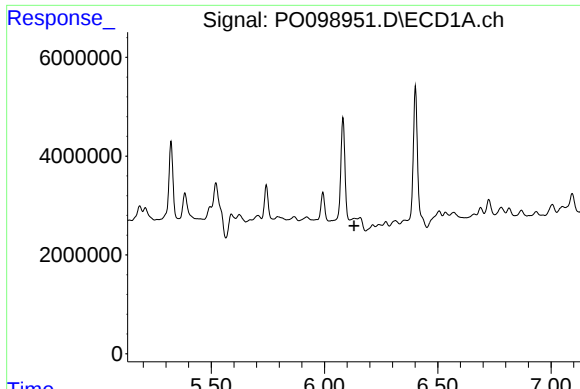
#22 AR-1248-2

R.T.: 5.921 min
Delta R.T.: -0.003 min
Response: 971875
Conc: 18.57 ng/ml



#22 AR-1248-2

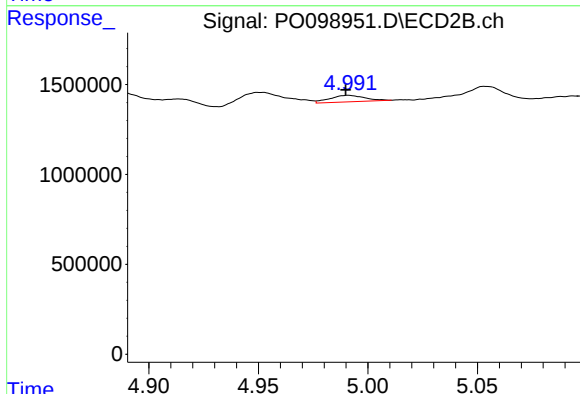
R.T.: 4.951 min
Delta R.T.: 0.002 min
Response: 1026365
Conc: 51.67 ng/ml



#23 AR-1248-3

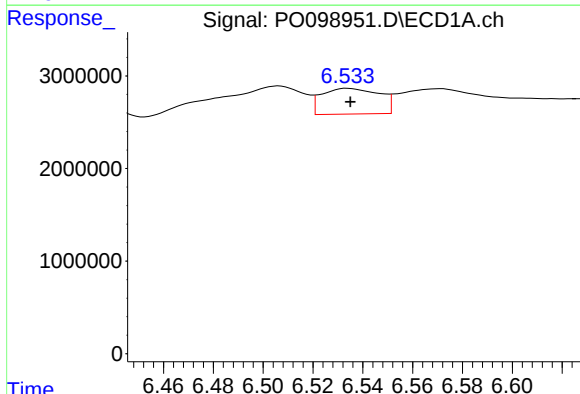
R.T.: 6.132 min
Delta R.T.: 0.002 min
Response: -387795
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



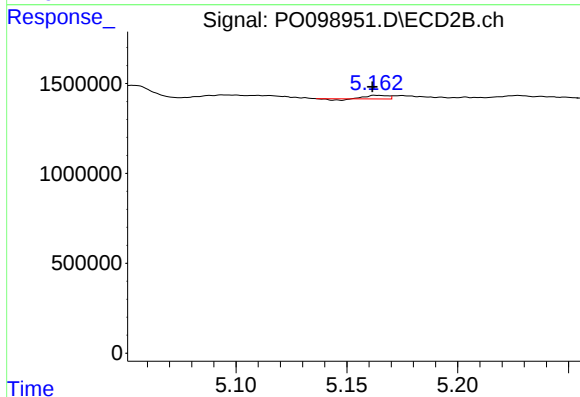
#23 AR-1248-3

R.T.: 4.991 min
Delta R.T.: 0.001 min
Response: 393785
Conc: 18.88 ng/ml



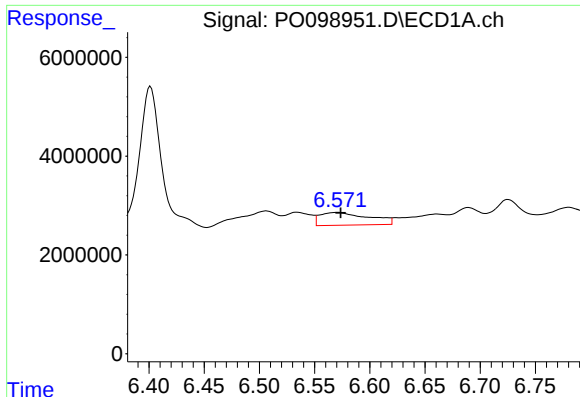
#24 AR-1248-4

R.T.: 6.534 min
Delta R.T.: -0.001 min
Response: 4455733
Conc: 81.71 ng/ml



#24 AR-1248-4

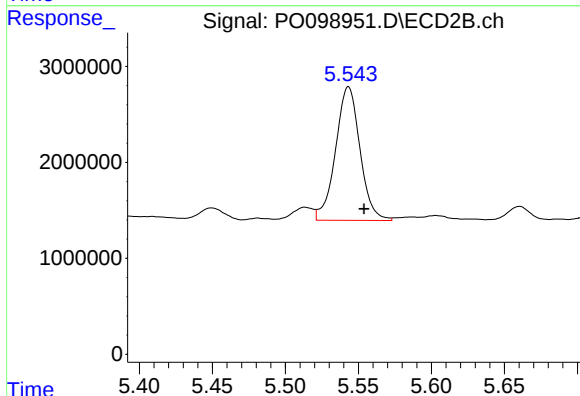
R.T.: 5.164 min
Delta R.T.: 0.002 min
Response: 114340
Conc: 4.65 ng/ml



#25 AR-1248-5

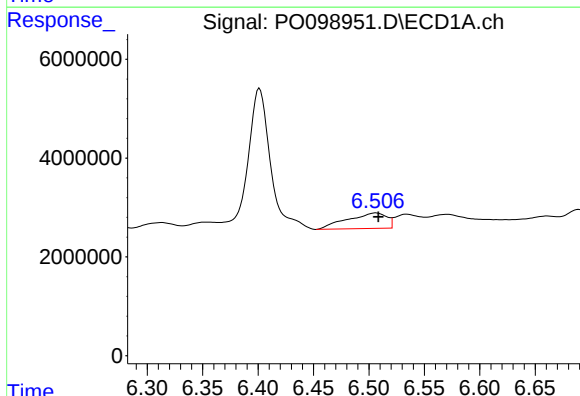
R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 7915594
Conc: 139.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



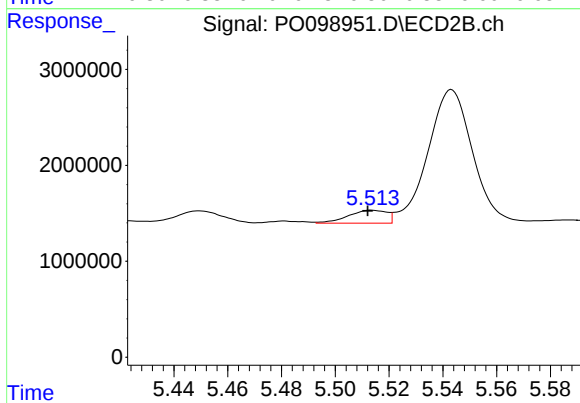
#25 AR-1248-5

R.T.: 5.543 min
Delta R.T.: -0.011 min
Response: 16227559
Conc: 747.18 ng/ml



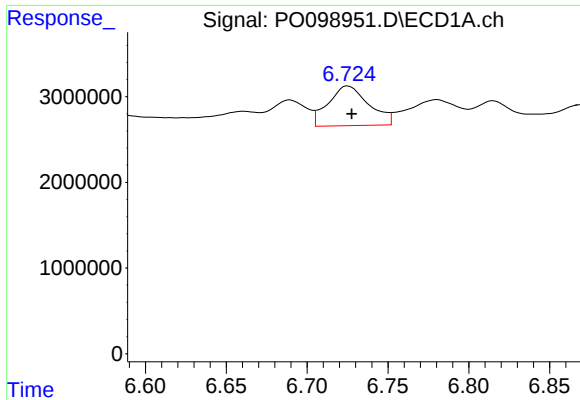
#26 AR-1254-1

R.T.: 6.506 min
Delta R.T.: -0.002 min
Response: 7807353
Conc: 118.60 ng/ml



#26 AR-1254-1

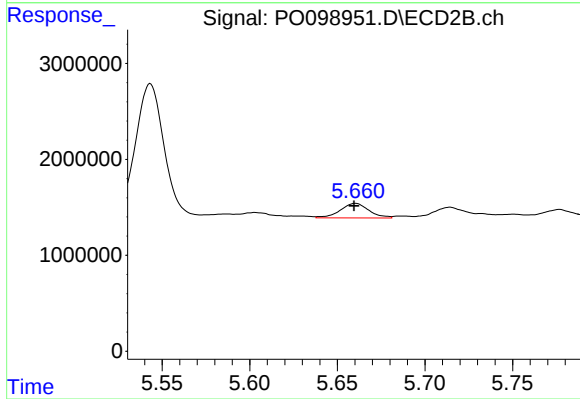
R.T.: 5.514 min
Delta R.T.: 0.001 min
Response: 1350640
Conc: 38.12 ng/ml



#27 AR-1254-2

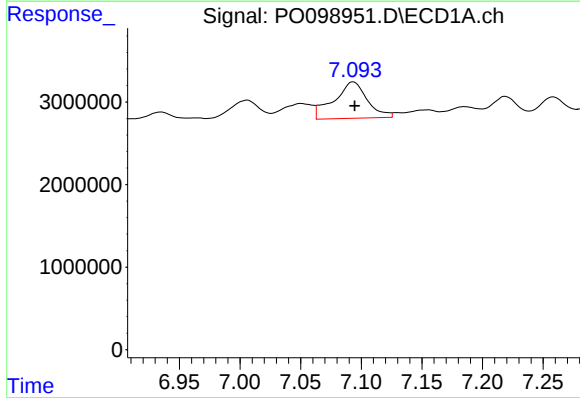
R.T.: 6.725 min
Delta R.T.: -0.003 min
Response: 8110579
Conc: 84.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



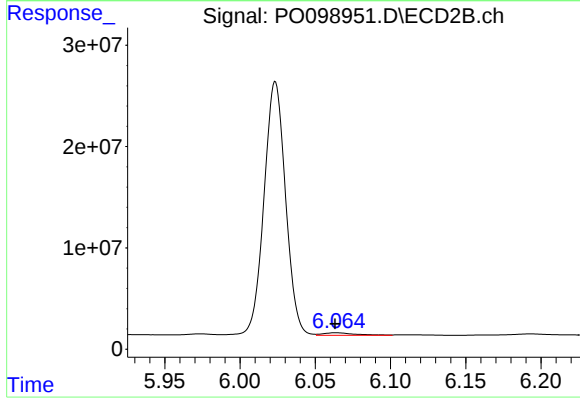
#27 AR-1254-2

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 1726935
Conc: 53.99 ng/ml



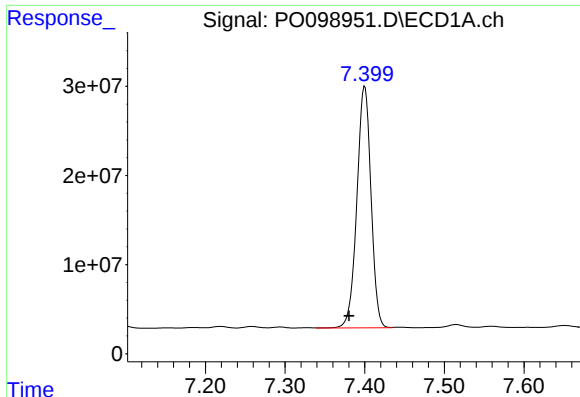
#28 AR-1254-3

R.T.: 7.093 min
Delta R.T.: -0.001 min
Response: 8454225
Conc: 94.58 ng/ml



#28 AR-1254-3

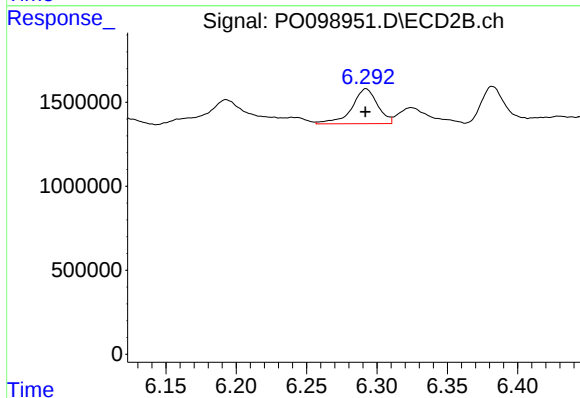
R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 3827921
Conc: 78.30 ng/ml



#29 AR-1254-4

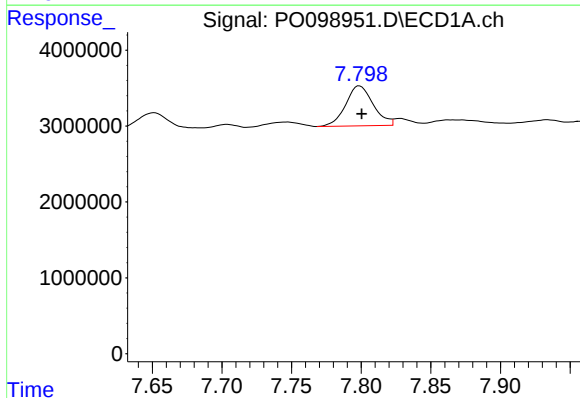
R.T.: 7.400 min
Delta R.T.: 0.020 min
Response: 333878124
Conc: 6094.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



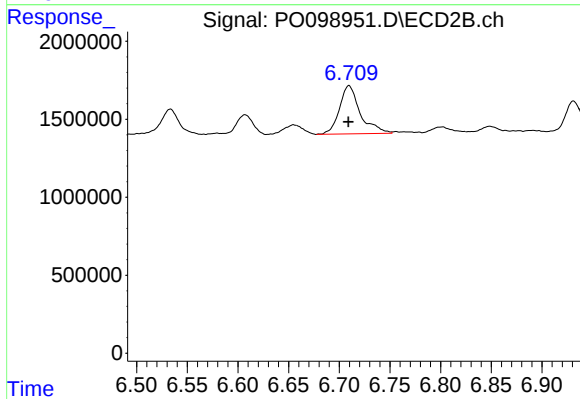
#29 AR-1254-4

R.T.: 6.292 min
Delta R.T.: 0.000 min
Response: 2662525
Conc: 101.60 ng/ml



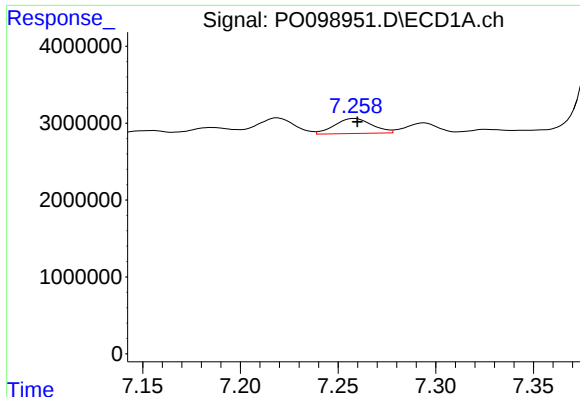
#30 AR-1254-5

R.T.: 7.799 min
Delta R.T.: -0.002 min
Response: 7250207
Conc: 107.67 ng/ml



#30 AR-1254-5

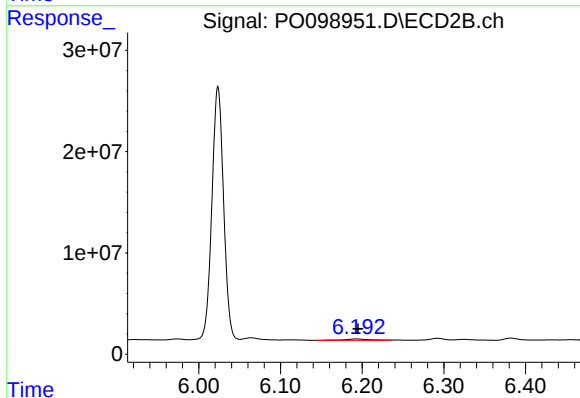
R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 4421472
Conc: 104.89 ng/ml



#31 AR-1260-1

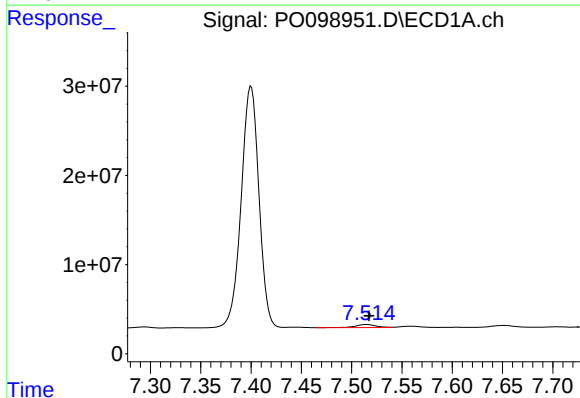
R.T.: 7.258 min
Delta R.T.: -0.002 min
Response: 2606397
Conc: 36.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



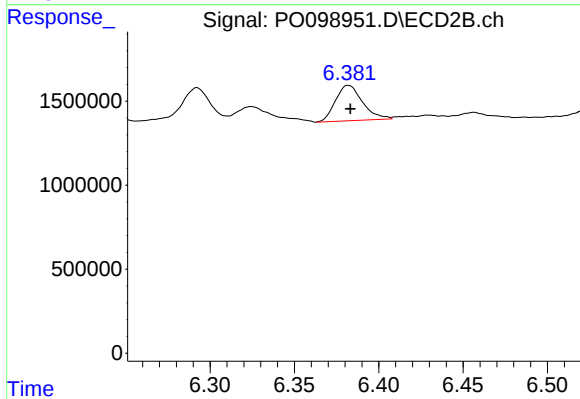
#31 AR-1260-1

R.T.: 6.193 min
Delta R.T.: -0.002 min
Response: 3320488
Conc: 94.13 ng/ml



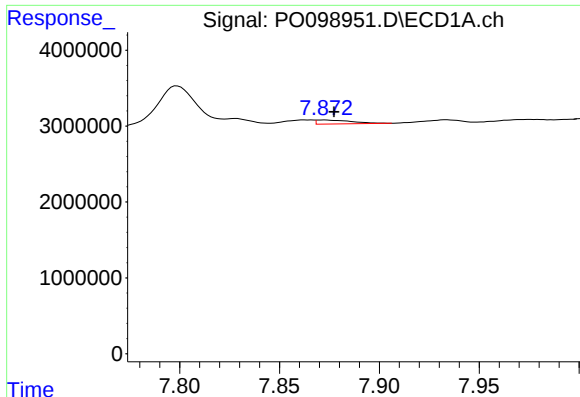
#32 AR-1260-2

R.T.: 7.515 min
Delta R.T.: -0.002 min
Response: 5025635
Conc: 63.70 ng/ml



#32 AR-1260-2

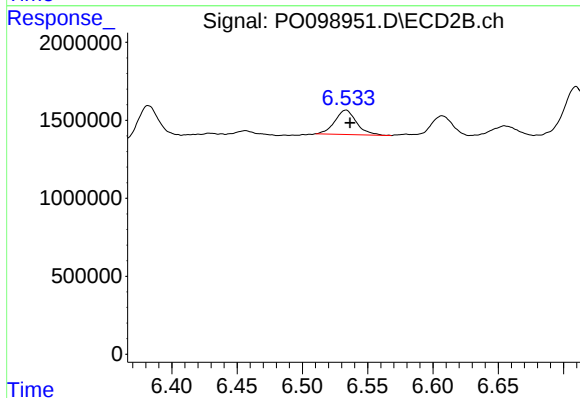
R.T.: 6.382 min
Delta R.T.: -0.001 min
Response: 2355427
Conc: 58.76 ng/ml



#33 AR-1260-3

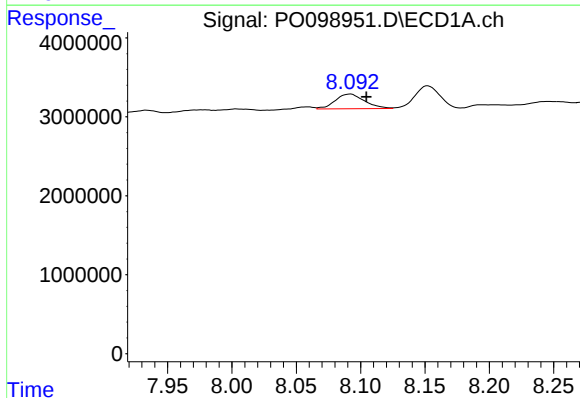
R.T.: 7.872 min
Delta R.T.: -0.005 min
Response: 635138
Conc: 11.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



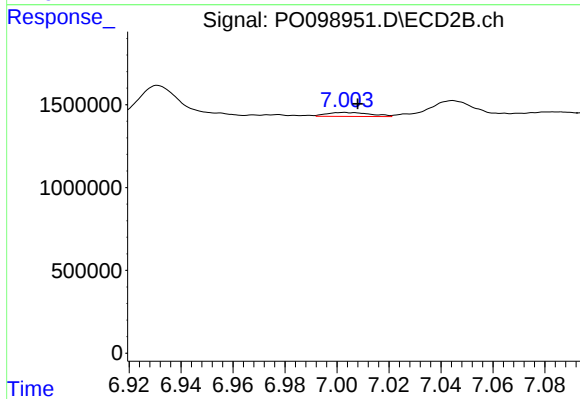
#33 AR-1260-3

R.T.: 6.533 min
Delta R.T.: -0.003 min
Response: 1812604
Conc: 47.94 ng/ml



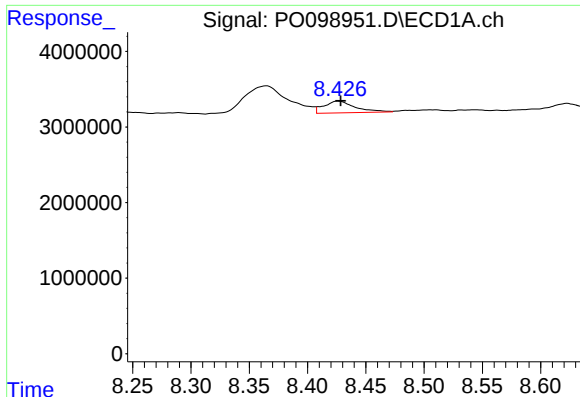
#34 AR-1260-4

R.T.: 8.092 min
Delta R.T.: -0.012 min
Response: 2931405
Conc: 46.79 ng/ml



#34 AR-1260-4

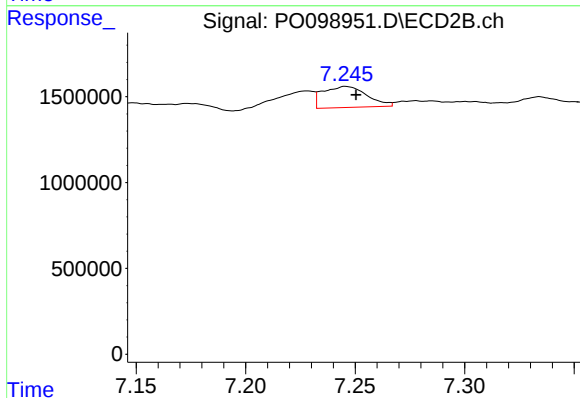
R.T.: 7.003 min
Delta R.T.: -0.005 min
Response: 279805
Conc: 9.68 ng/ml



#35 AR-1260-5

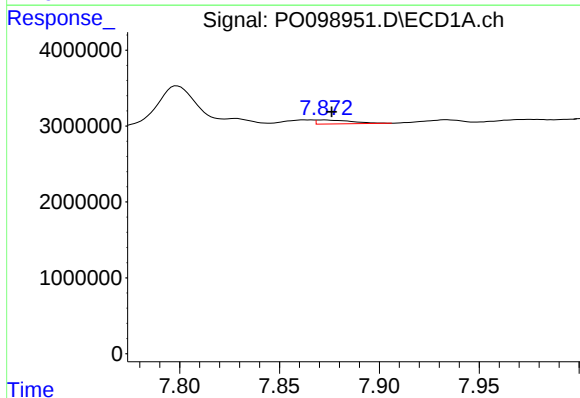
R.T.: 8.426 min
Delta R.T.: -0.002 min
Response: 2944534
Conc: 27.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



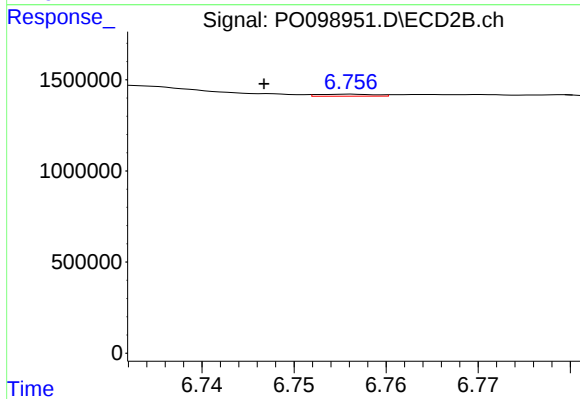
#35 AR-1260-5

R.T.: 7.246 min
Delta R.T.: -0.004 min
Response: 1712884
Conc: 28.46 ng/ml



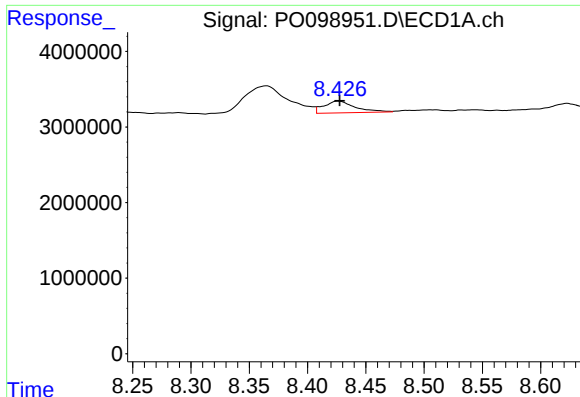
#36 AR-1262-1

R.T.: 7.872 min
Delta R.T.: -0.004 min
Response: 635138
Conc: 7.02 ng/ml



#36 AR-1262-1

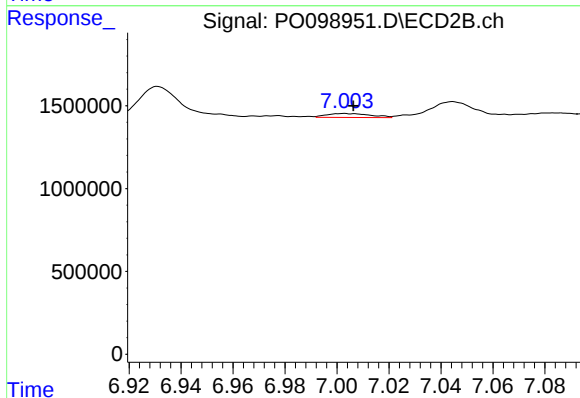
R.T.: 6.756 min
Delta R.T.: 0.009 min
Response: 46312
Conc: 0.99 ng/ml



#37 AR-1262-2

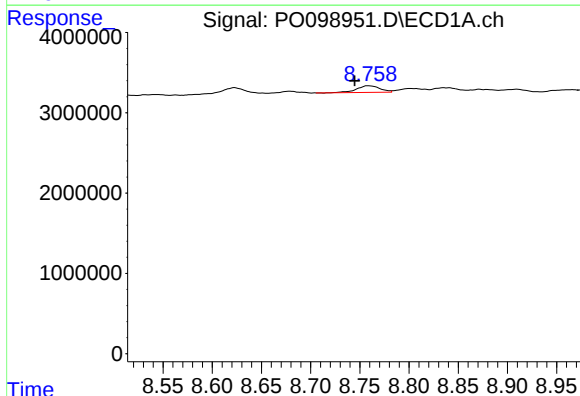
R.T.: 8.426 min
Delta R.T.: -0.001 min
Response: 2944534
Conc: 22.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



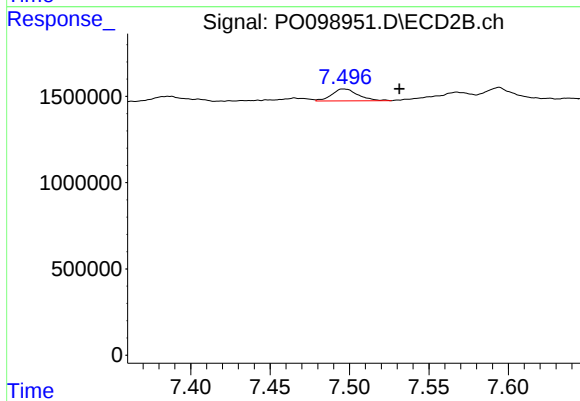
#37 AR-1262-2

R.T.: 7.003 min
Delta R.T.: -0.004 min
Response: 279805
Conc: 6.74 ng/ml



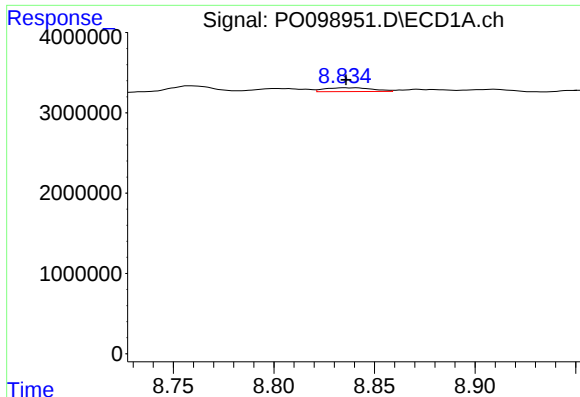
#38 AR-1262-3

R.T.: 8.758 min
Delta R.T.: 0.014 min
Response: 1335153
Conc: 13.58 ng/ml



#38 AR-1262-3

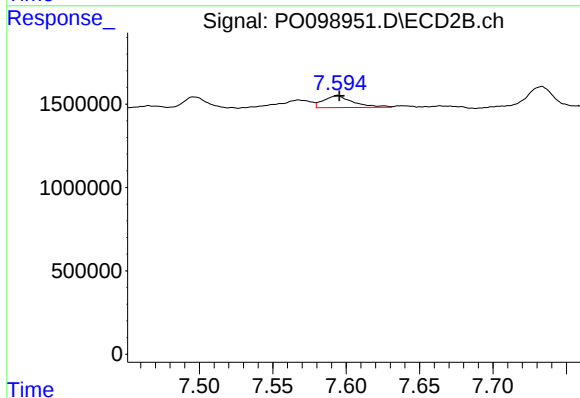
R.T.: 7.496 min
Delta R.T.: -0.035 min
Response: 793569
Conc: 24.84 ng/ml



#39 AR-1262-4

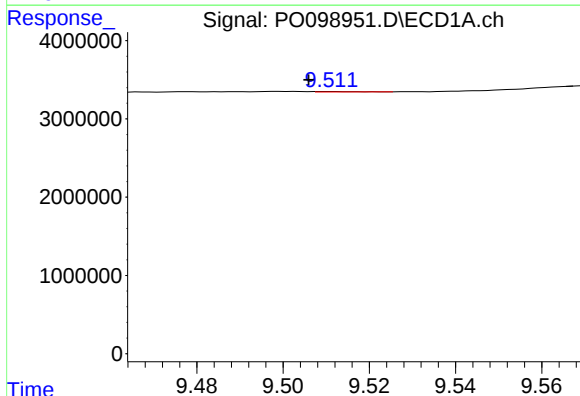
R.T.: 8.835 min
Delta R.T.: -0.001 min
Response: 778389
Conc: 9.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



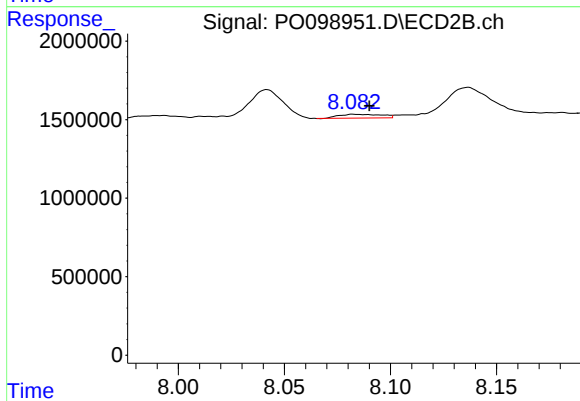
#39 AR-1262-4

R.T.: 7.594 min
Delta R.T.: -0.001 min
Response: 994528
Conc: 18.09 ng/ml



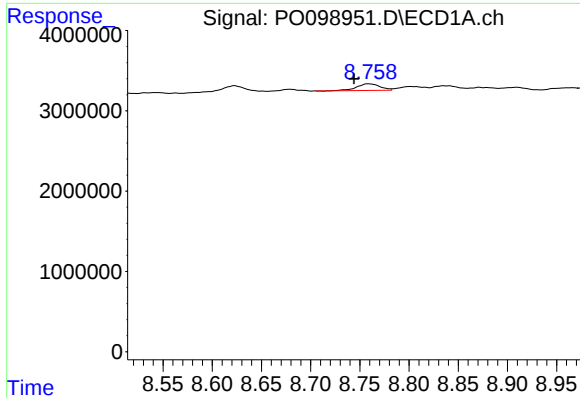
#40 AR-1262-5

R.T.: 9.511 min
Delta R.T.: 0.005 min
Response: 28109
Conc: 0.64 ng/ml



#40 AR-1262-5

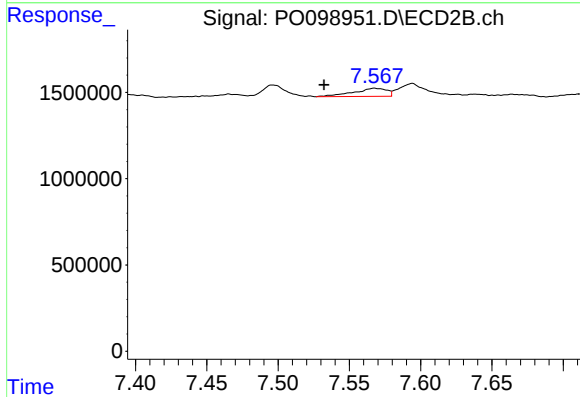
R.T.: 8.083 min
Delta R.T.: -0.007 min
Response: 333917
Conc: 13.30 ng/ml



#41 AR-1268-1

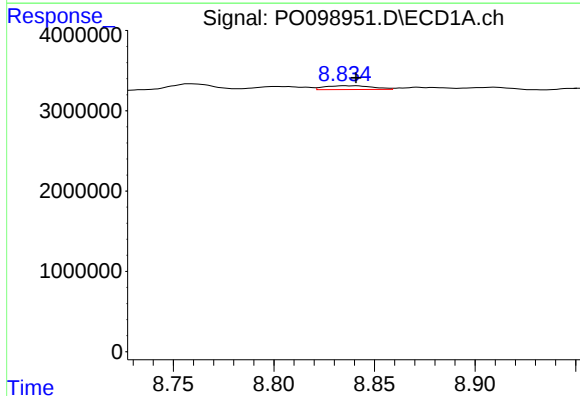
R.T.: 8.758 min
Delta R.T.: 0.014 min
Response: 1335153
Conc: 7.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



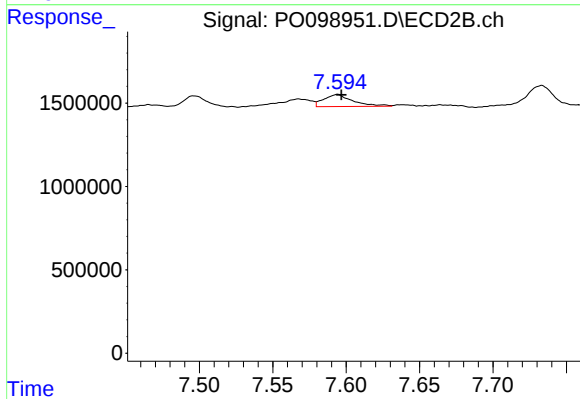
#41 AR-1268-1

R.T.: 7.568 min
Delta R.T.: 0.035 min
Response: 761046
Conc: 8.53 ng/ml



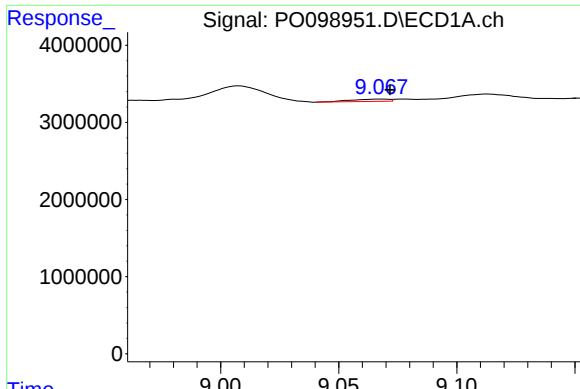
#42 AR-1268-2

R.T.: 8.835 min
Delta R.T.: -0.006 min
Response: 778389
Conc: 4.96 ng/ml



#42 AR-1268-2

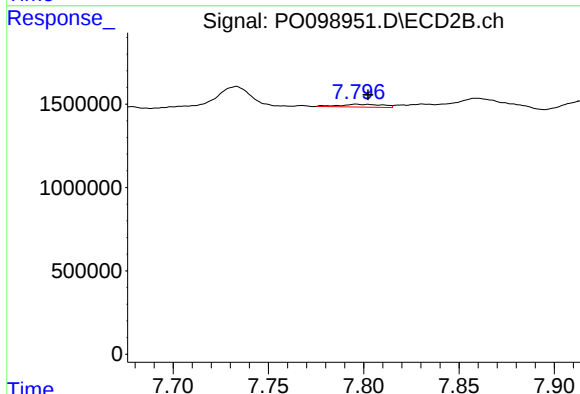
R.T.: 7.594 min
Delta R.T.: -0.003 min
Response: 994528
Conc: 12.60 ng/ml



#43 AR-1268-3

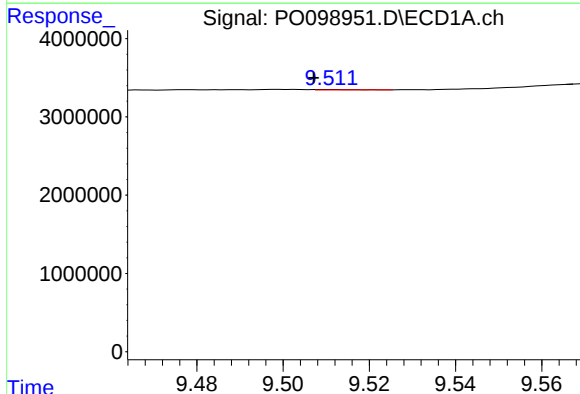
R.T.: 9.068 min
Delta R.T.: -0.004 min
Response: 340705
Conc: 2.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



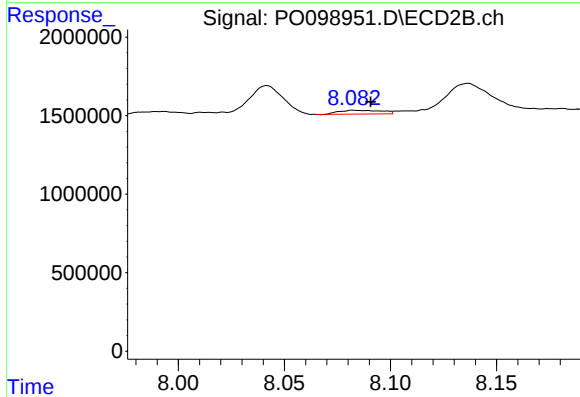
#43 AR-1268-3

R.T.: 7.796 min
Delta R.T.: -0.006 min
Response: 271956
Conc: 3.86 ng/ml



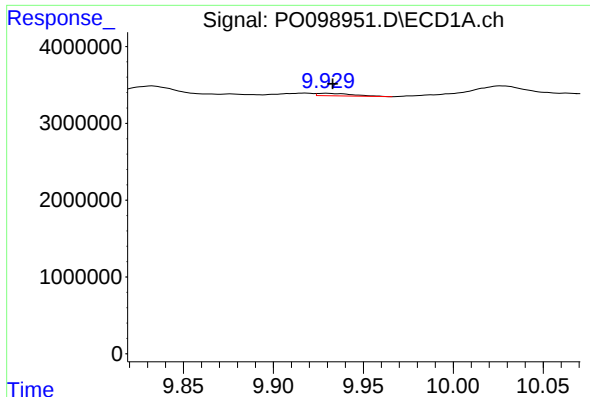
#44 AR-1268-4

R.T.: 9.511 min
Delta R.T.: 0.004 min
Response: 28109
Conc: 0.56 ng/ml



#44 AR-1268-4

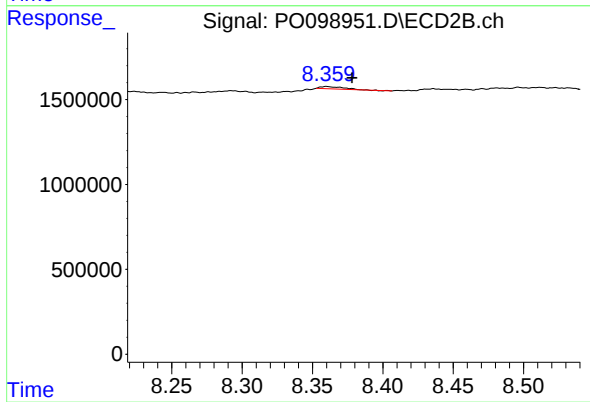
R.T.: 8.083 min
Delta R.T.: -0.008 min
Response: 333917
Conc: 12.12 ng/ml



#45 AR-1268-5

R.T.: 9.929 min
Delta R.T.: -0.004 min
Response: 428222
Conc: 1.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.360 min
Delta R.T.: -0.018 min
Response: 162533
Conc: 0.85 ng/ml