

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111023\
 Data File : P0099585.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2023 15:11
 Operator : YP/AJ
 Sample : 05282-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 22:30:30 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...	4.493	3.722	28977591	23584937	16.833	19.454
2) SA Decachlor...	10.380	8.838	16597587	18251974	26.002	24.849
Target Compounds						
3) L1 AR-1016-1	5.667	4.831	2997678	1648994	77.135	61.324
4) L1 AR-1016-2	5.710	4.850	3955358	980429	61.758	26.898 #
5) L1 AR-1016-3	5.786	5.036	2151194	2886163	49.644	144.011 #
6) L1 AR-1016-4	5.875	5.082	934353	2071756	30.066	124.667 #
7) L1 AR-1016-5	6.182	5.274	1314177	2426070	43.213	117.442 #
8) L2 AR-1221-1	4.704	3.959	26421612	5436250	1387.233	371.054 #
9) L2 AR-1221-2	4.806	4.025	10117061	2710033	718.207	295.903 #
10) L2 AR-1221-3	4.853	4.121	10483016	914068	252.795	29.535 #
11) L3 AR-1232-1	4.853	4.121	10483016	914068	311.191	35.360 #
12) L3 AR-1232-2	5.397	4.850	925854	980429	55.484	56.599
13) L3 AR-1232-3	5.710	5.036	3955358	2886163	139.429	328.637 #
14) L3 AR-1232-4	5.875	5.149	934353	2714203	69.275	334.642 #
15) L3 AR-1232-5	5.954	5.274	1187210	2426070	103.549	283.618 #
16) L4 AR-1242-1	5.667	4.831	2997678	1648994	95.590	74.519
17) L4 AR-1242-2	5.710	4.850	3955358	980429	76.679	32.927 #
18) L4 AR-1242-3	5.786	5.036	2151194	2886163	61.725	174.934 #
19) L4 AR-1242-4	5.875	5.149	934353	2714203	36.948	161.098 #
20) L4 AR-1242-5	6.615	5.660	833894	1065186	40.759	61.017 #
21) L5 AR-1248-1	5.667	4.831	2997678	1648994	126.944	95.519
22) L5 AR-1248-2	5.954	5.082	1187210	2071756	30.534	88.002 #
23) L5 AR-1248-3	6.147	5.149	890625	2714203	21.467	109.569 #
24) L5 AR-1248-4	6.583	5.274	1056518	2426070	27.506	87.996 #
25) L5 AR-1248-5	6.615	5.660	833894	1065186	21.990	46.680 #
26) L6 AR-1254-1	6.559	5.660	380999	1065186	8.466	29.284 #
27) L6 AR-1254-2	6.776	5.780	15827673	1529119	250.986	47.072 #
28) L6 AR-1254-3	7.143	6.215	71771	1719709	1.232	31.716 #
29) L6 AR-1254-4	7.439	6.470	184262	944675	5.406	33.544 #
30) L6 AR-1254-5	7.863	6.827	747521	180110	19.104	3.696 #
31) L7 AR-1260-1	7.305	6.328	194310	2472547	3.909	57.329 #
32) L7 AR-1260-2	7.575	6.537	1464140	121282	28.664	2.588 #
33) L7 AR-1260-3	7.924	6.694	721331	1153009	20.119	25.262 #
34) L7 AR-1260-4	8.150	7.172	446210	446592	11.303	12.153
35) L7 AR-1260-5	8.482	7.420	61537	46832	1.027	0.642 #
36) L8 AR-1262-1	7.863	6.827	747521	180110	23.665	7.327 #
37) L8 AR-1262-2	8.482	7.172	61537	446592	0.832	9.009 #
38) L8 AR-1262-3	8.826	7.725	2406732	1508674	46.862	40.804
39) L8 AR-1262-4	8.898	7.753	70371	118731	1.810	1.848
40) L8 AR-1262-5	9.581	8.261	26383	163091	1.241	5.934 #
41) L9 AR-1268-1	8.826	7.725	2406732	1508674	23.897	13.724 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111023\
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 QLast Update : Fri Nov 10 11:13:12 2023
 Response via : Initial Calibration
 Integrator: ChemStation

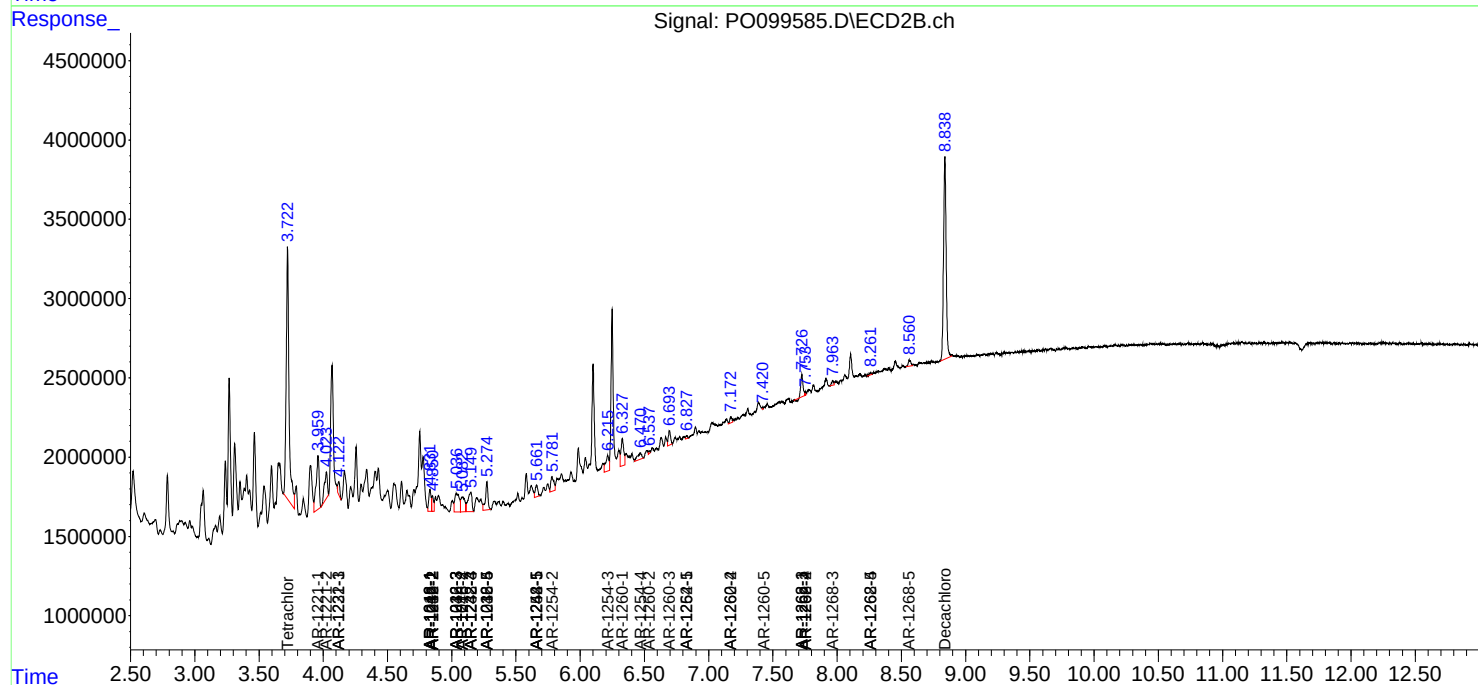
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

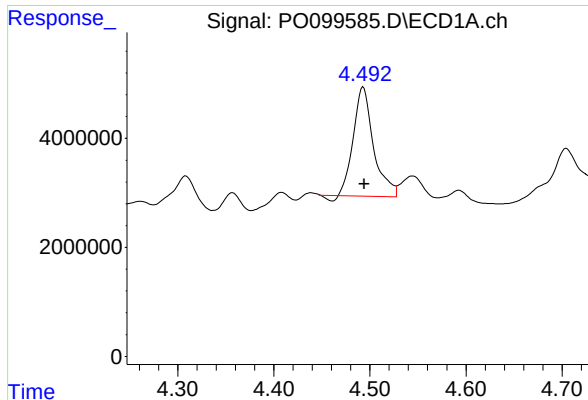
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.898	7.753	70371	118731	0.830	1.204 #
43) L9	AR-1268-3	9.148	7.965	393278	306160	4.612	3.233 #
44) L9	AR-1268-4	9.581	8.261	26383	163091	1.085	5.444 #
45) L9	AR-1268-5	10.017	8.561	457695	537988	2.154	2.138

(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

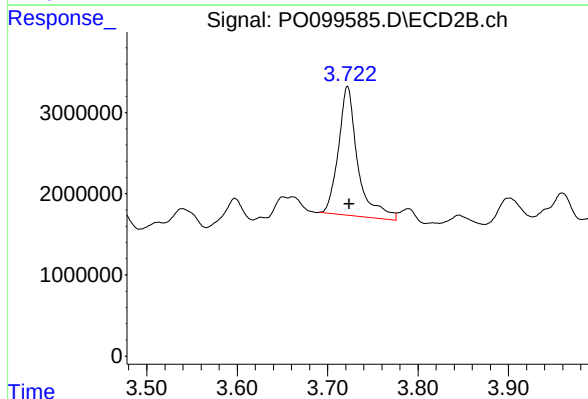




#1 Tetrachloro-m-xylene

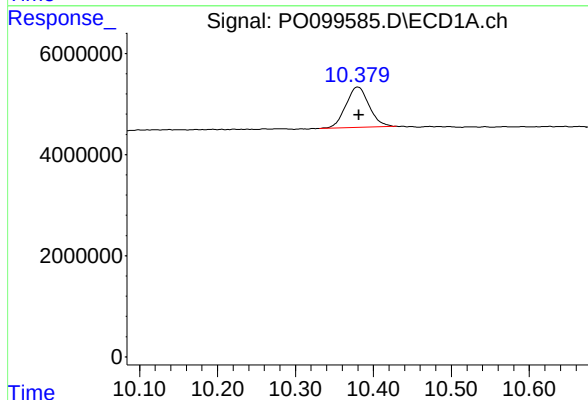
R.T.: 4.493 min
Delta R.T.: -0.001 min
Response: 28977591
Conc: 16.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



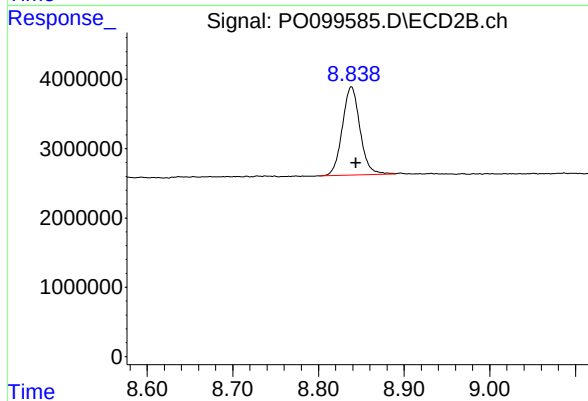
#1 Tetrachloro-m-xylene

R.T.: 3.722 min
Delta R.T.: -0.002 min
Response: 23584937
Conc: 19.45 ng/ml



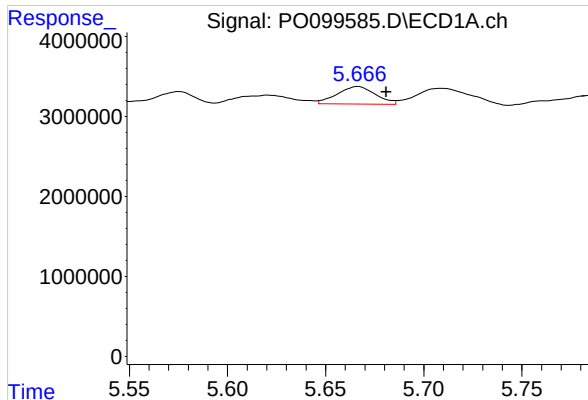
#2 Decachlorobiphenyl

R.T.: 10.380 min
Delta R.T.: -0.002 min
Response: 16597587
Conc: 26.00 ng/ml



#2 Decachlorobiphenyl

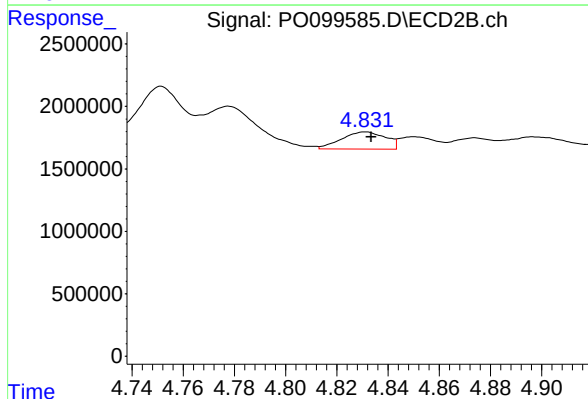
R.T.: 8.838 min
Delta R.T.: -0.005 min
Response: 18251974
Conc: 24.85 ng/ml



#3 AR-1016-1

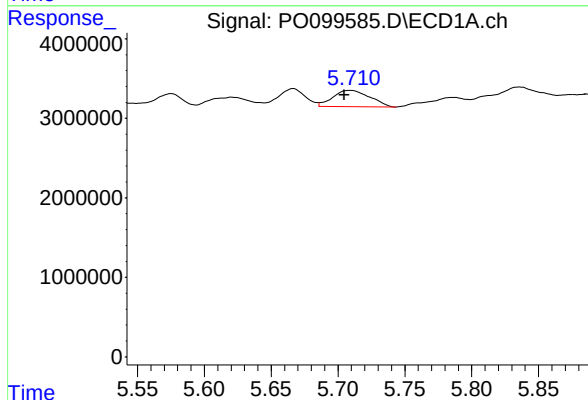
R.T.: 5.667 min
Delta R.T.: -0.014 min
Response: 2997678
Conc: 77.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



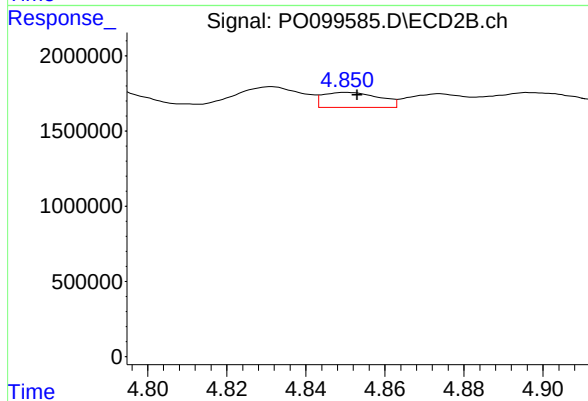
#3 AR-1016-1

R.T.: 4.831 min
Delta R.T.: -0.002 min
Response: 1648994
Conc: 61.32 ng/ml



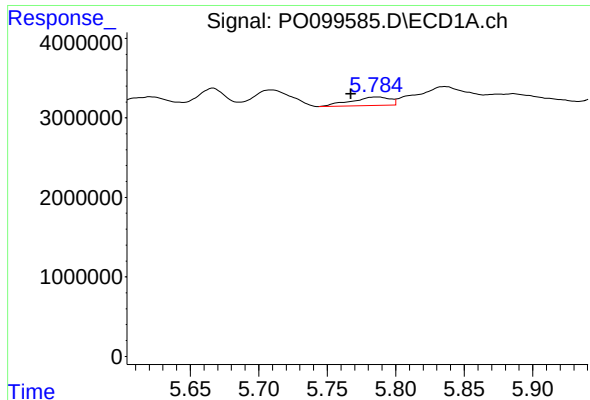
#4 AR-1016-2

R.T.: 5.710 min
Delta R.T.: 0.005 min
Response: 3955358
Conc: 61.76 ng/ml



#4 AR-1016-2

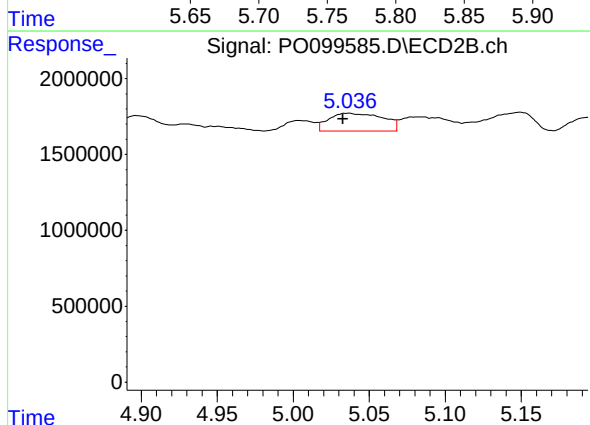
R.T.: 4.850 min
Delta R.T.: -0.003 min
Response: 980429
Conc: 26.90 ng/ml



#5 AR-1016-3

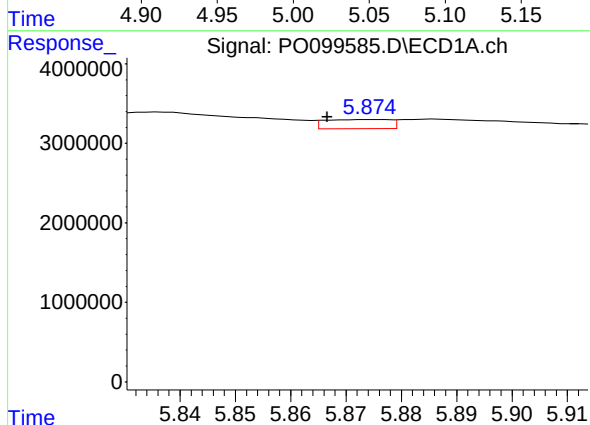
R.T.: 5.786 min
Delta R.T.: 0.019 min
Response: 2151194
Conc: 49.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



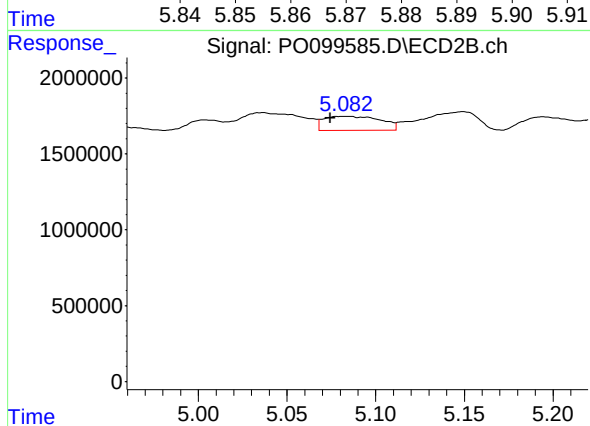
#5 AR-1016-3

R.T.: 5.036 min
Delta R.T.: 0.003 min
Response: 2886163
Conc: 144.01 ng/ml



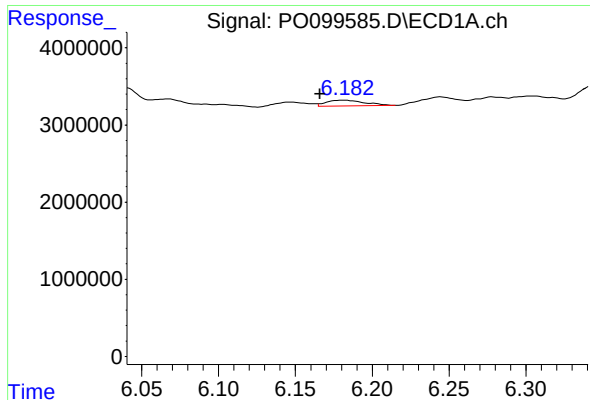
#6 AR-1016-4

R.T.: 5.875 min
Delta R.T.: 0.008 min
Response: 934353
Conc: 30.07 ng/ml



#6 AR-1016-4

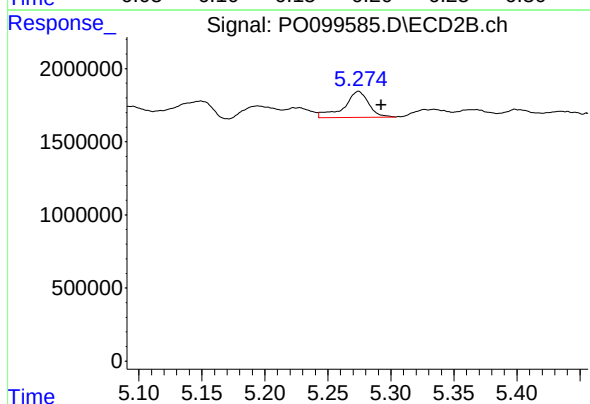
R.T.: 5.082 min
Delta R.T.: 0.008 min
Response: 2071756
Conc: 124.67 ng/ml



#7 AR-1016-5

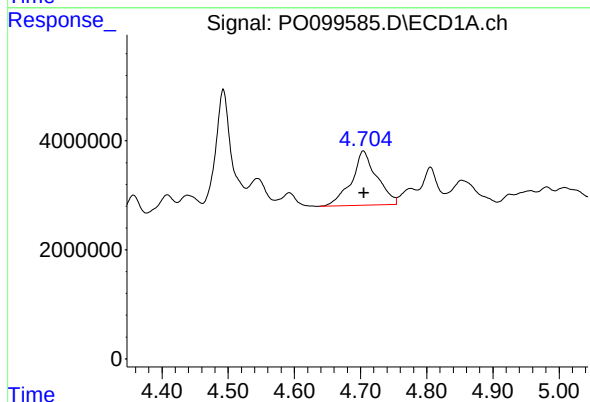
R.T.: 6.182 min
Delta R.T.: 0.016 min
Response: 1314177
Conc: 43.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



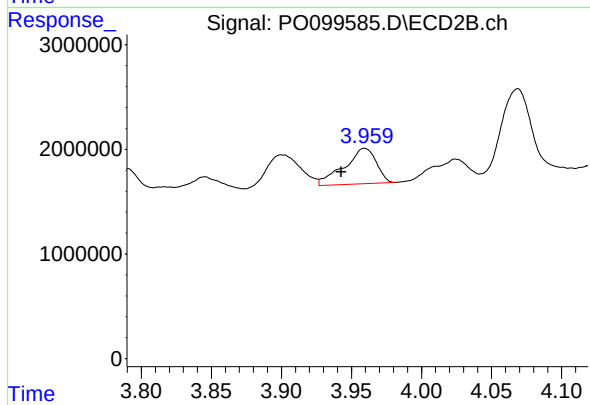
#7 AR-1016-5

R.T.: 5.274 min
Delta R.T.: -0.018 min
Response: 2426070
Conc: 117.44 ng/ml



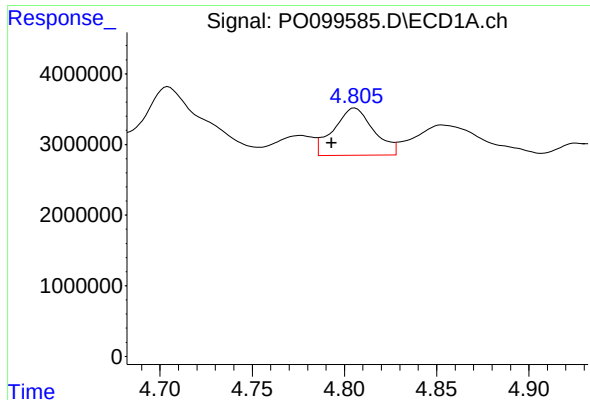
#8 AR-1221-1

R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 26421612
Conc: 1387.23 ng/ml



#8 AR-1221-1

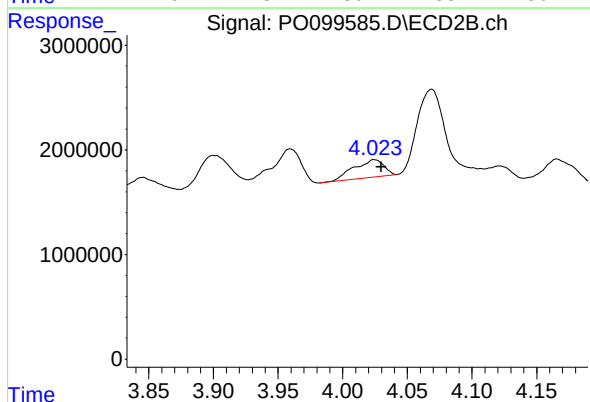
R.T.: 3.959 min
Delta R.T.: 0.017 min
Response: 5436250
Conc: 371.05 ng/ml



#9 AR-1221-2

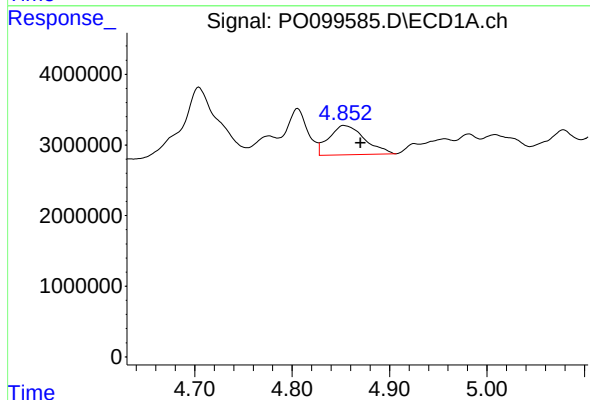
R.T.: 4.806 min
Delta R.T.: 0.013 min
Response: 10117061
Conc: 718.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



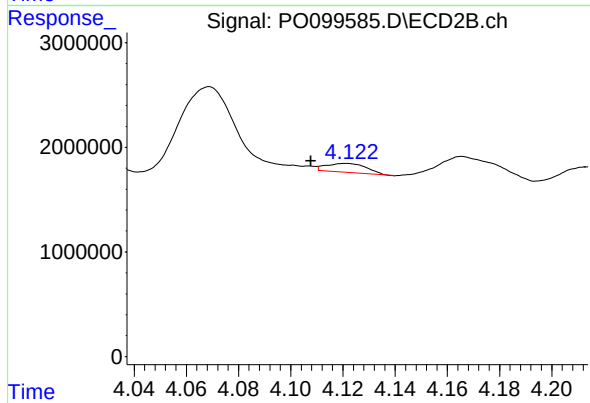
#9 AR-1221-2

R.T.: 4.025 min
Delta R.T.: -0.005 min
Response: 2710033
Conc: 295.90 ng/ml



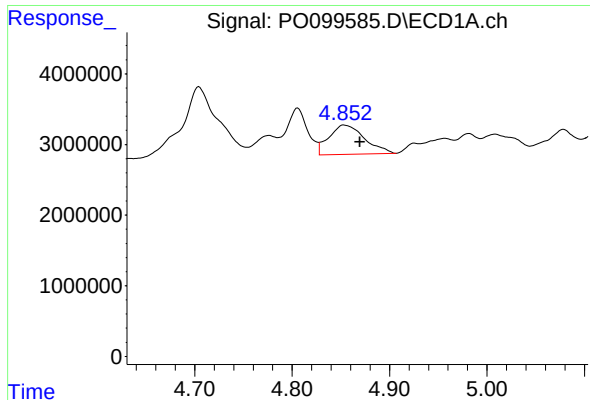
#10 AR-1221-3

R.T.: 4.853 min
Delta R.T.: -0.017 min
Response: 10483016
Conc: 252.80 ng/ml



#10 AR-1221-3

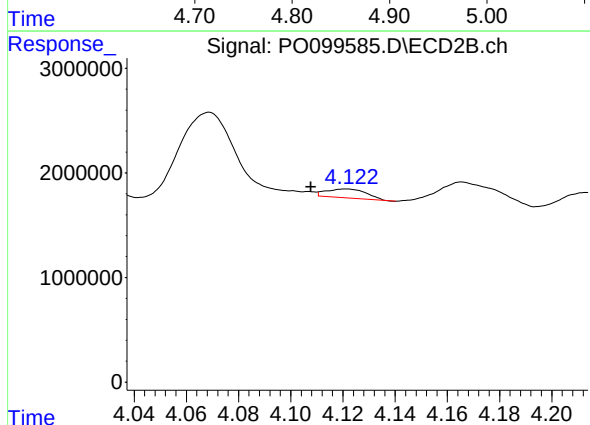
R.T.: 4.121 min
Delta R.T.: 0.013 min
Response: 914068
Conc: 29.54 ng/ml



#11 AR-1232-1

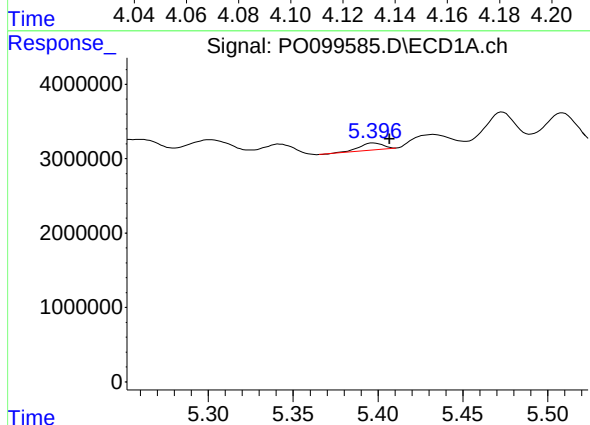
R.T.: 4.853 min
Delta R.T.: -0.017 min
Response: 10483016
Conc: 311.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



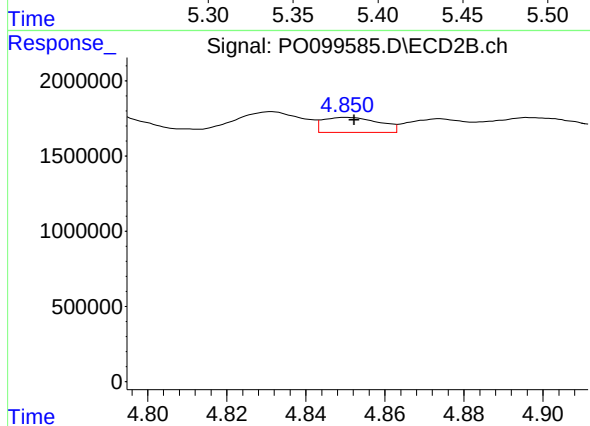
#11 AR-1232-1

R.T.: 4.121 min
Delta R.T.: 0.013 min
Response: 914068
Conc: 35.36 ng/ml



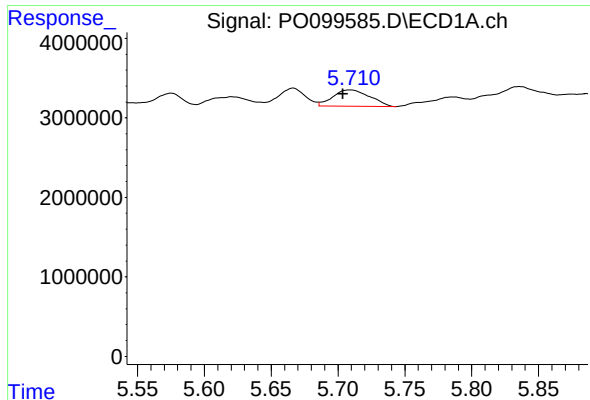
#12 AR-1232-2

R.T.: 5.397 min
Delta R.T.: -0.010 min
Response: 925854
Conc: 55.48 ng/ml



#12 AR-1232-2

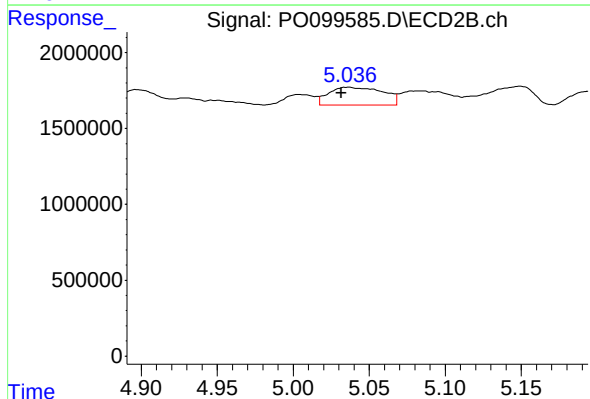
R.T.: 4.850 min
Delta R.T.: -0.002 min
Response: 980429
Conc: 56.60 ng/ml



#13 AR-1232-3

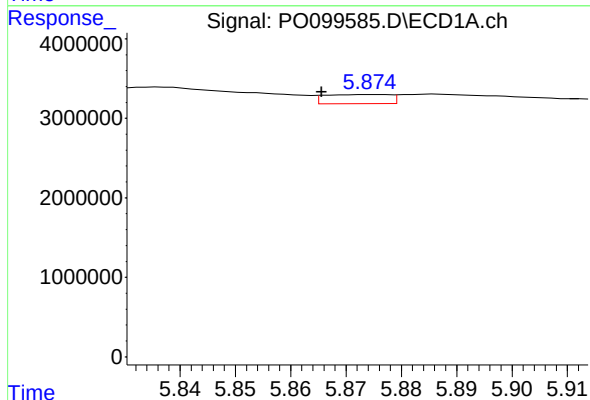
R.T.: 5.710 min
Delta R.T.: 0.006 min
Response: 3955358
Conc: 139.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



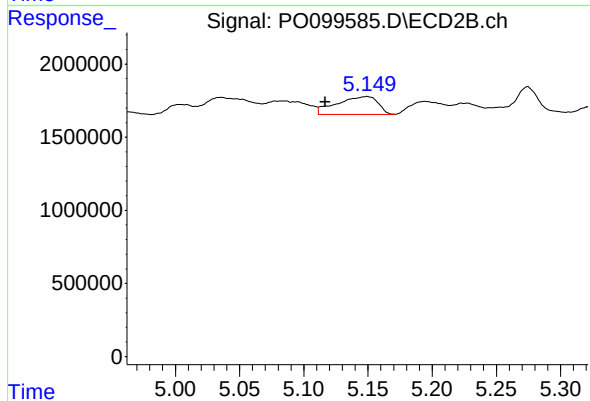
#13 AR-1232-3

R.T.: 5.036 min
Delta R.T.: 0.004 min
Response: 2886163
Conc: 328.64 ng/ml



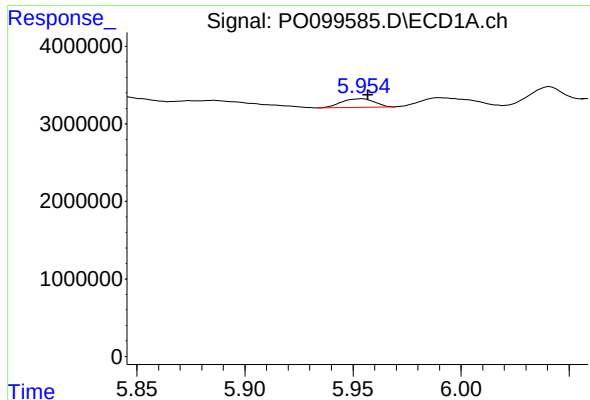
#14 AR-1232-4

R.T.: 5.875 min
Delta R.T.: 0.009 min
Response: 934353
Conc: 69.27 ng/ml



#14 AR-1232-4

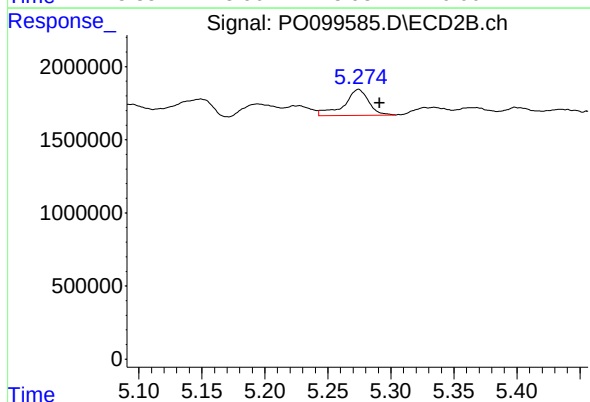
R.T.: 5.149 min
Delta R.T.: 0.032 min
Response: 2714203
Conc: 334.64 ng/ml



#15 AR-1232-5

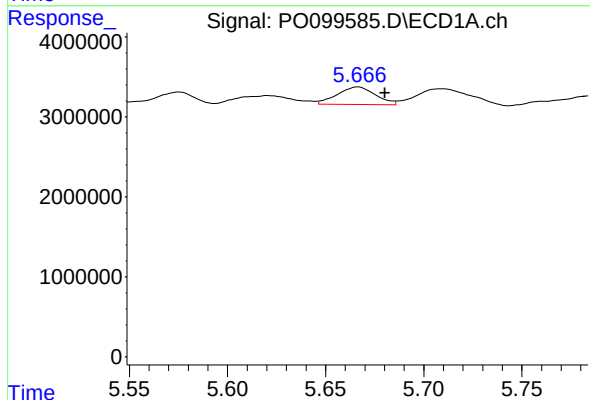
R.T.: 5.954 min
Delta R.T.: -0.003 min
Response: 1187210
Conc: 103.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



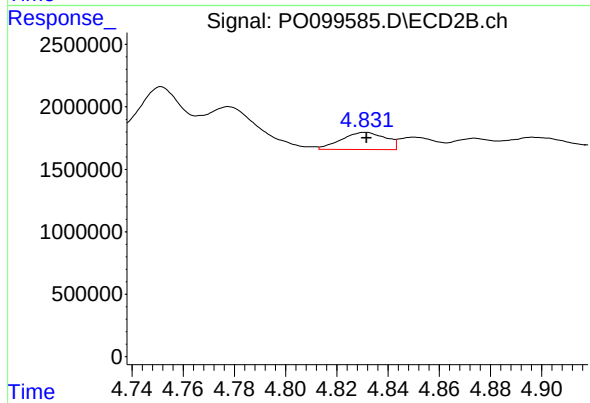
#15 AR-1232-5

R.T.: 5.274 min
Delta R.T.: -0.017 min
Response: 2426070
Conc: 283.62 ng/ml



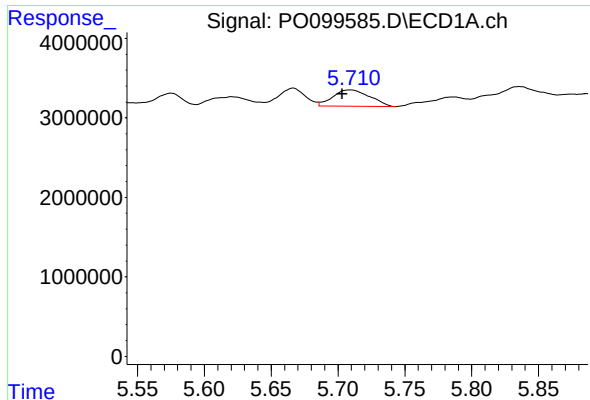
#16 AR-1242-1

R.T.: 5.667 min
Delta R.T.: -0.014 min
Response: 2997678
Conc: 95.59 ng/ml



#16 AR-1242-1

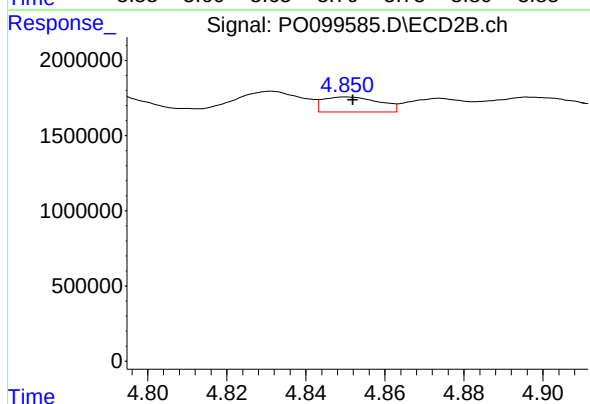
R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 1648994
Conc: 74.52 ng/ml



#17 AR-1242-2

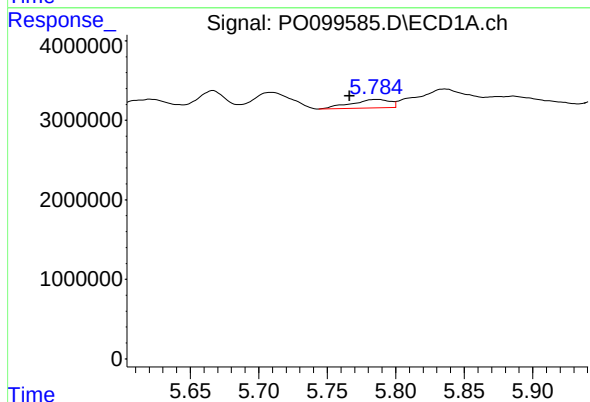
R.T.: 5.710 min
Delta R.T.: 0.007 min
Response: 3955358
Conc: 76.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



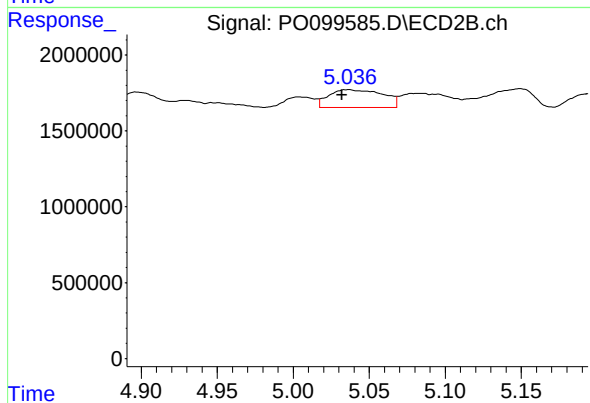
#17 AR-1242-2

R.T.: 4.850 min
Delta R.T.: -0.002 min
Response: 980429
Conc: 32.93 ng/ml



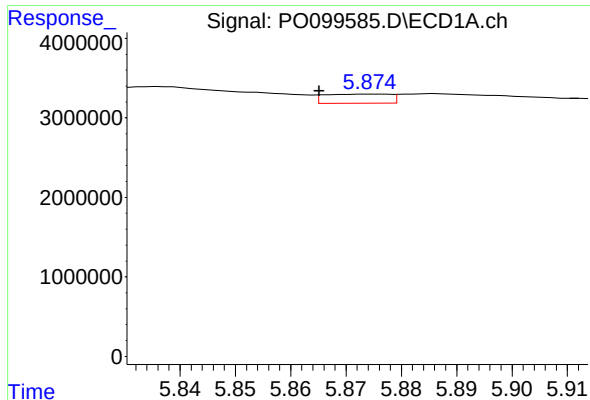
#18 AR-1242-3

R.T.: 5.786 min
Delta R.T.: 0.020 min
Response: 2151194
Conc: 61.72 ng/ml



#18 AR-1242-3

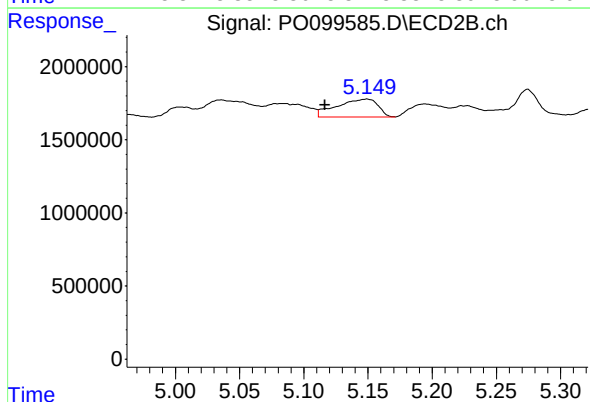
R.T.: 5.036 min
Delta R.T.: 0.004 min
Response: 2886163
Conc: 174.93 ng/ml



#19 AR-1242-4

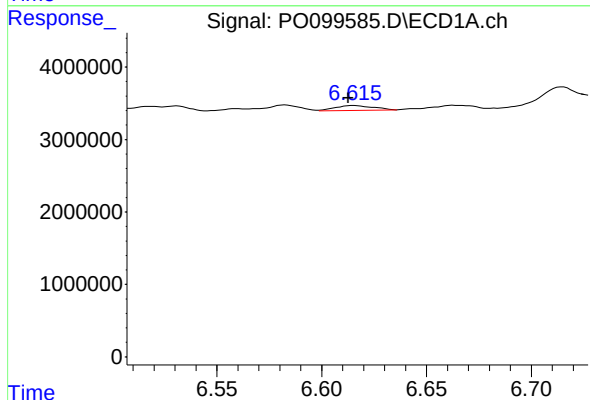
R.T.: 5.875 min
Delta R.T.: 0.009 min
Response: 934353
Conc: 36.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



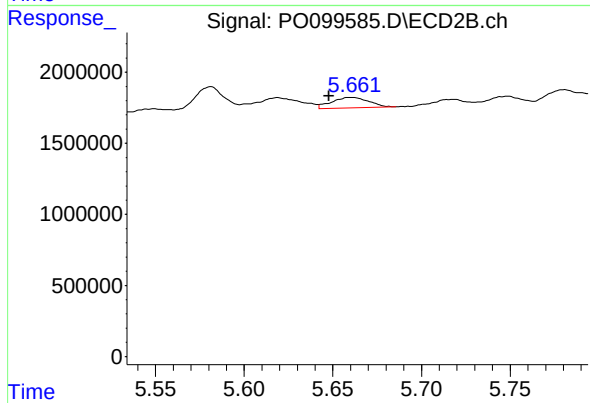
#19 AR-1242-4

R.T.: 5.149 min
Delta R.T.: 0.033 min
Response: 2714203
Conc: 161.10 ng/ml



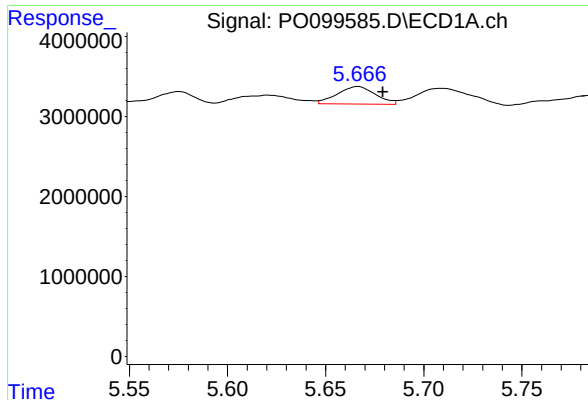
#20 AR-1242-5

R.T.: 6.615 min
Delta R.T.: 0.003 min
Response: 833894
Conc: 40.76 ng/ml



#20 AR-1242-5

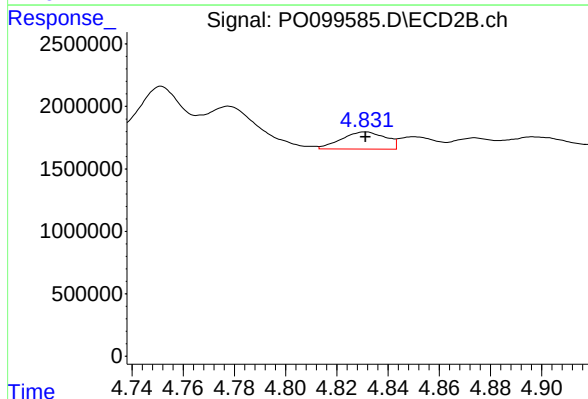
R.T.: 5.660 min
Delta R.T.: 0.012 min
Response: 1065186
Conc: 61.02 ng/ml



#21 AR-1248-1

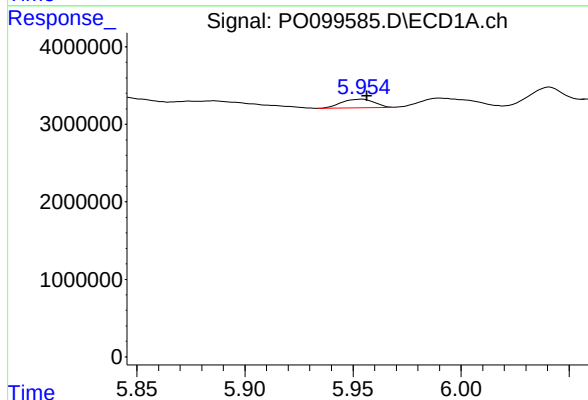
R.T.: 5.667 min
Delta R.T.: -0.013 min
Response: 2997678
Conc: 126.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



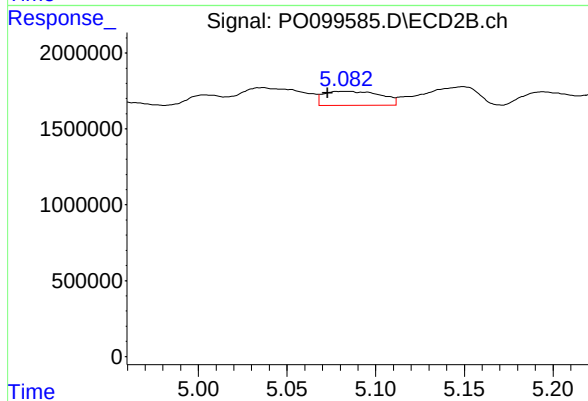
#21 AR-1248-1

R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 1648994
Conc: 95.52 ng/ml



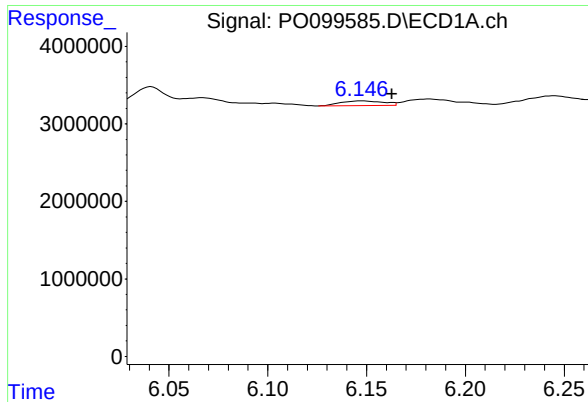
#22 AR-1248-2

R.T.: 5.954 min
Delta R.T.: -0.002 min
Response: 1187210
Conc: 30.53 ng/ml



#22 AR-1248-2

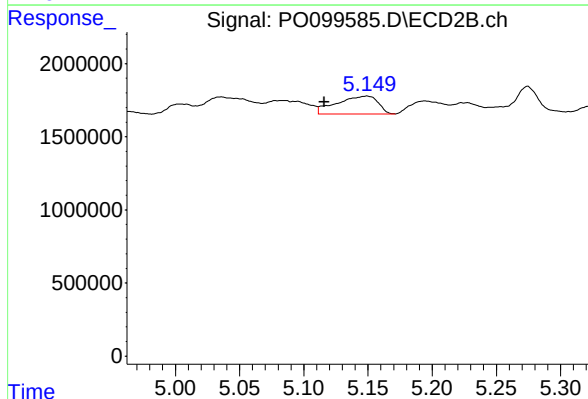
R.T.: 5.082 min
Delta R.T.: 0.009 min
Response: 2071756
Conc: 88.00 ng/ml



#23 AR-1248-3

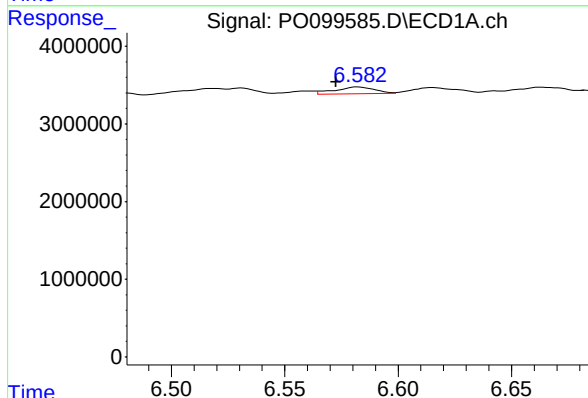
R.T.: 6.147 min
Delta R.T.: -0.016 min
Response: 890625
Conc: 21.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



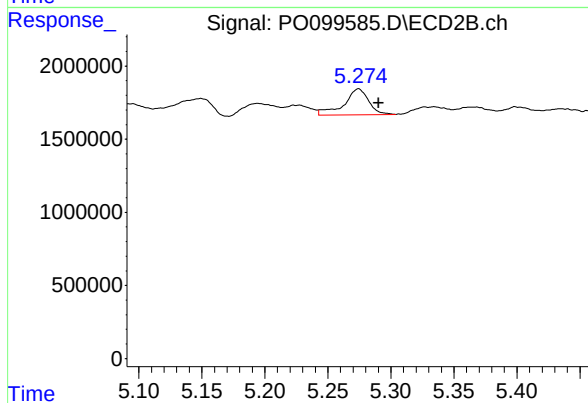
#23 AR-1248-3

R.T.: 5.149 min
Delta R.T.: 0.033 min
Response: 2714203
Conc: 109.57 ng/ml



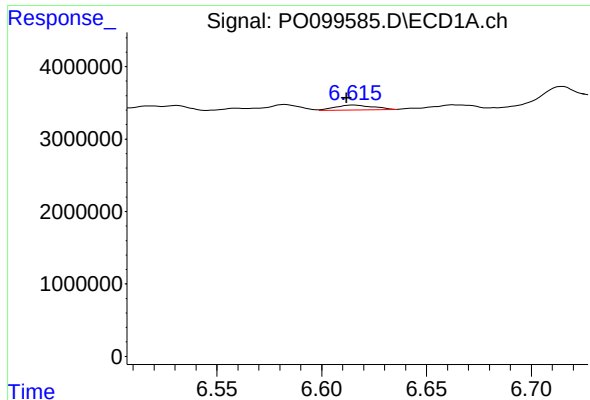
#24 AR-1248-4

R.T.: 6.583 min
Delta R.T.: 0.010 min
Response: 1056518
Conc: 27.51 ng/ml



#24 AR-1248-4

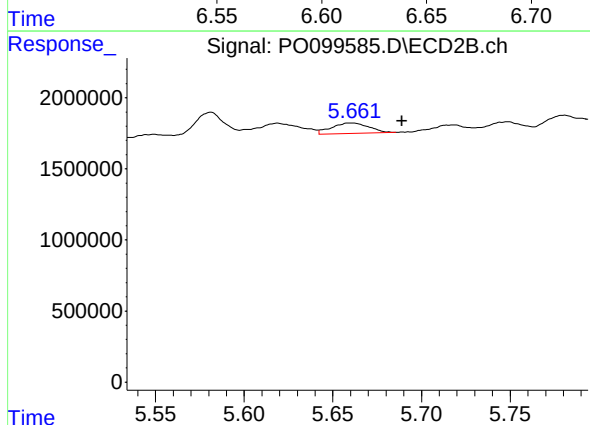
R.T.: 5.274 min
Delta R.T.: -0.016 min
Response: 2426070
Conc: 88.00 ng/ml



#25 AR-1248-5

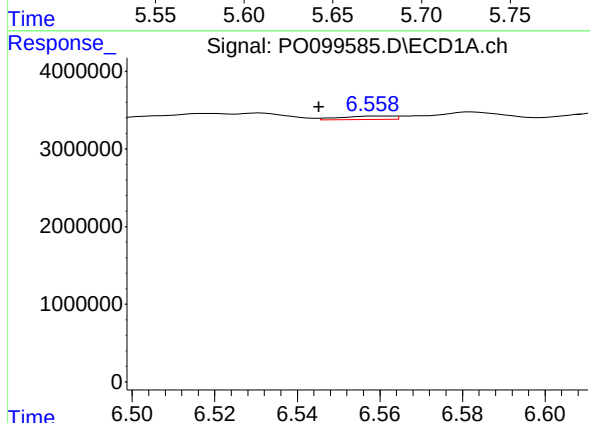
R.T.: 6.615 min
Delta R.T.: 0.003 min
Response: 833894
Conc: 21.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



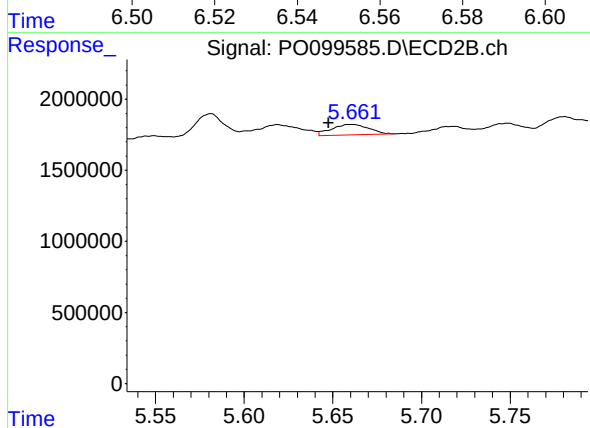
#25 AR-1248-5

R.T.: 5.660 min
Delta R.T.: -0.029 min
Response: 1065186
Conc: 46.68 ng/ml



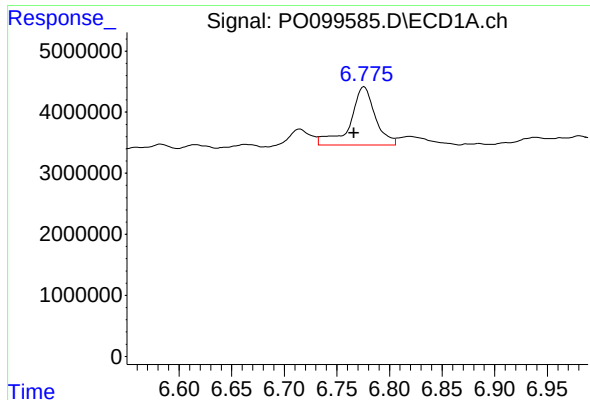
#26 AR-1254-1

R.T.: 6.559 min
Delta R.T.: 0.014 min
Response: 380999
Conc: 8.47 ng/ml



#26 AR-1254-1

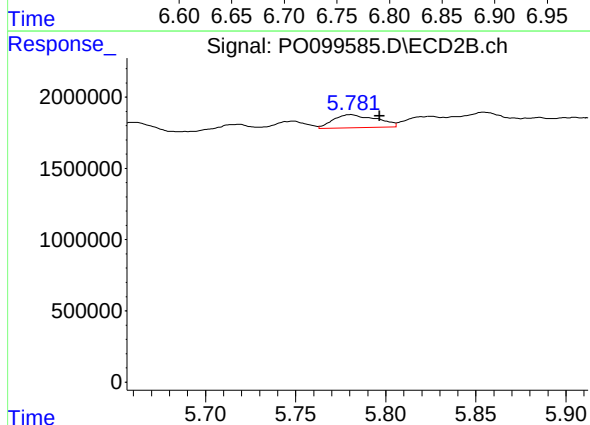
R.T.: 5.660 min
Delta R.T.: 0.013 min
Response: 1065186
Conc: 29.28 ng/ml



#27 AR-1254-2

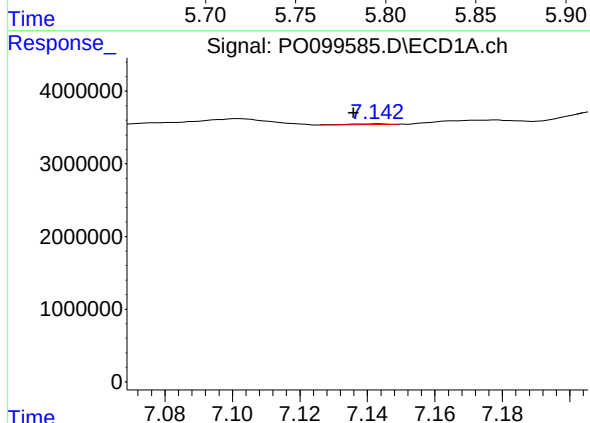
R.T.: 6.776 min
Delta R.T.: 0.010 min
Response: 15827673
Conc: 250.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



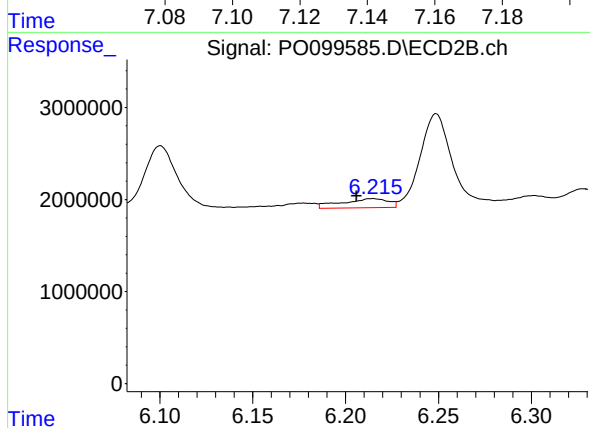
#27 AR-1254-2

R.T.: 5.780 min
Delta R.T.: -0.016 min
Response: 1529119
Conc: 47.07 ng/ml



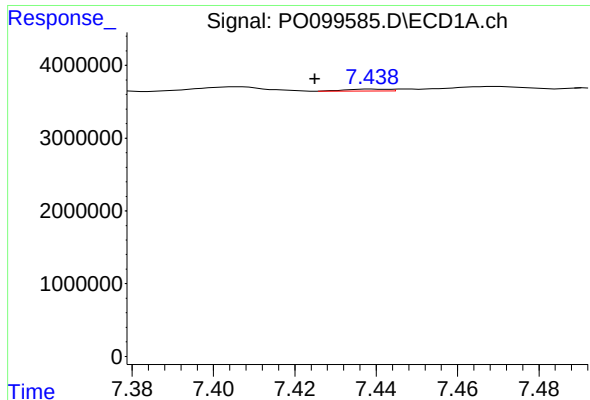
#28 AR-1254-3

R.T.: 7.143 min
Delta R.T.: 0.007 min
Response: 71771
Conc: 1.23 ng/ml



#28 AR-1254-3

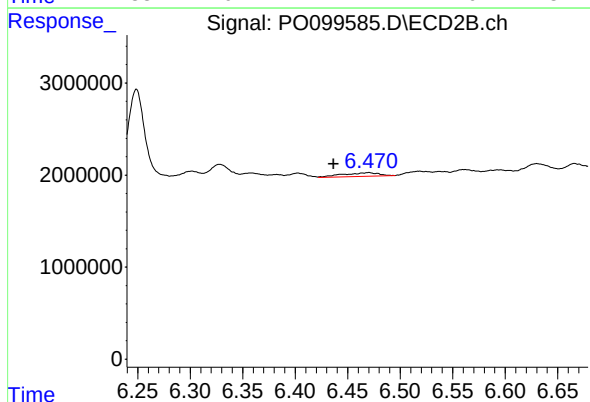
R.T.: 6.215 min
Delta R.T.: 0.009 min
Response: 1719709
Conc: 31.72 ng/ml



#29 AR-1254-4

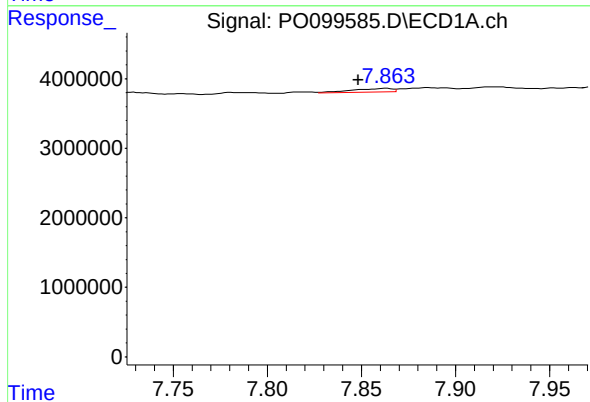
R.T.: 7.439 min
Delta R.T.: 0.014 min
Response: 184262
Conc: 5.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



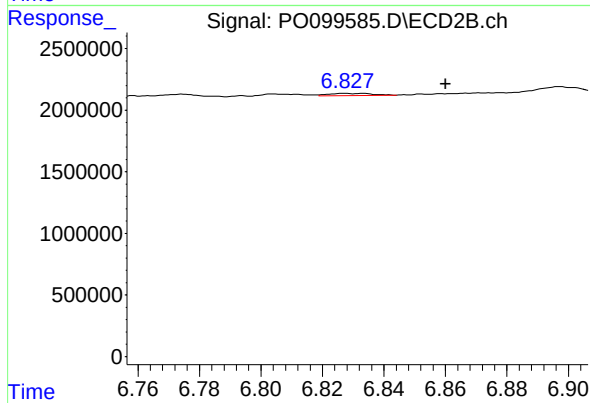
#29 AR-1254-4

R.T.: 6.470 min
Delta R.T.: 0.034 min
Response: 944675
Conc: 33.54 ng/ml



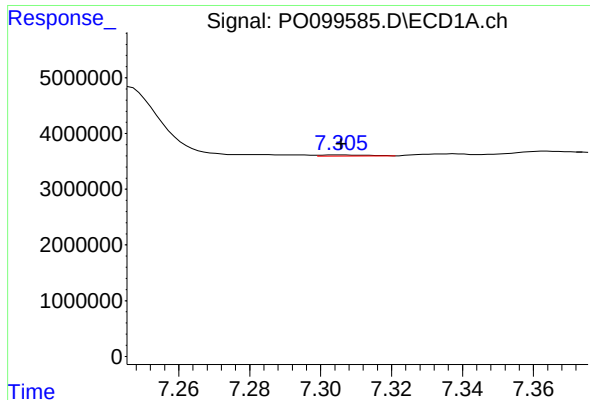
#30 AR-1254-5

R.T.: 7.863 min
Delta R.T.: 0.015 min
Response: 747521
Conc: 19.10 ng/ml



#30 AR-1254-5

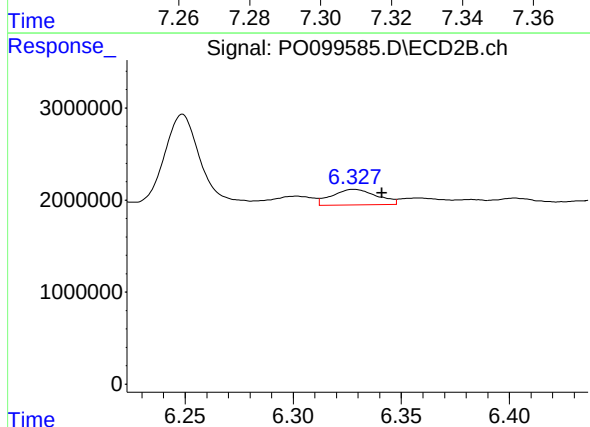
R.T.: 6.827 min
Delta R.T.: -0.033 min
Response: 180110
Conc: 3.70 ng/ml



#31 AR-1260-1

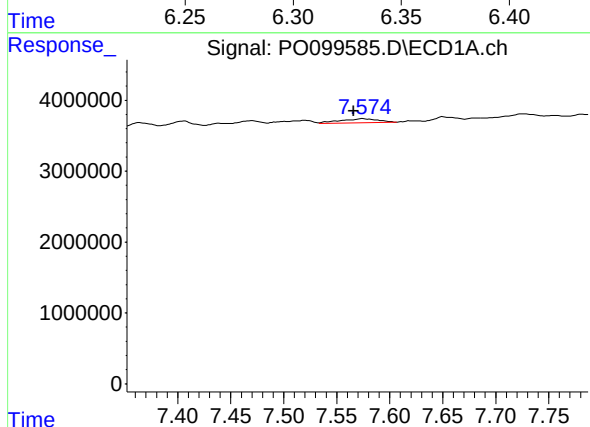
R.T.: 7.305 min
Delta R.T.: 0.000 min
Response: 194310
Conc: 3.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



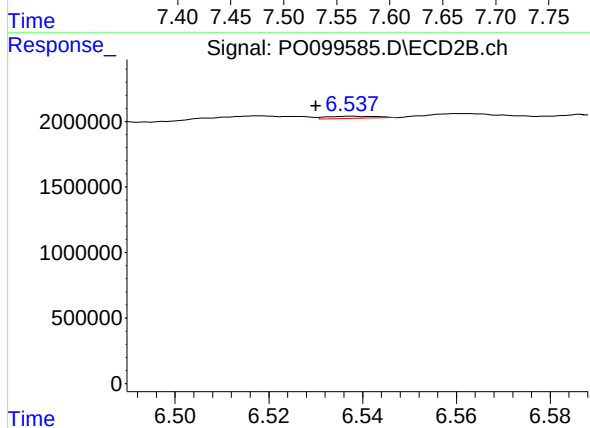
#31 AR-1260-1

R.T.: 6.328 min
Delta R.T.: -0.013 min
Response: 2472547
Conc: 57.33 ng/ml



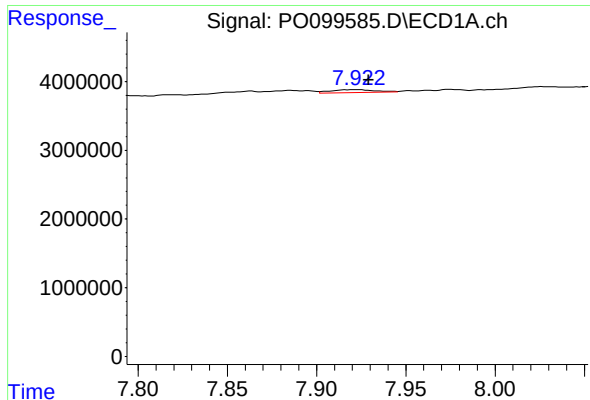
#32 AR-1260-2

R.T.: 7.575 min
Delta R.T.: 0.009 min
Response: 1464140
Conc: 28.66 ng/ml



#32 AR-1260-2

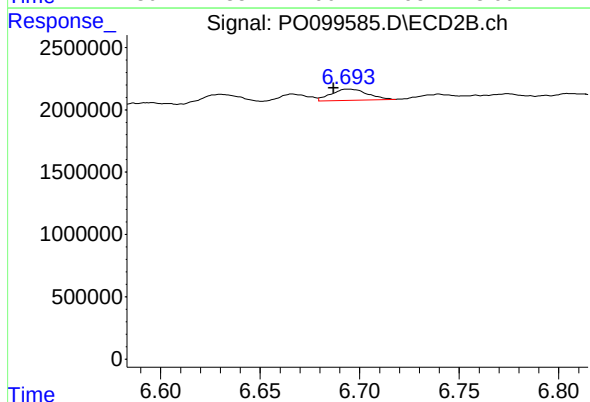
R.T.: 6.537 min
Delta R.T.: 0.007 min
Response: 121282
Conc: 2.59 ng/ml



#33 AR-1260-3

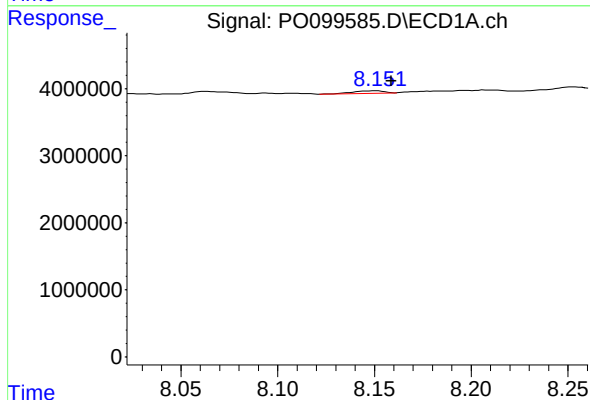
R.T.: 7.924 min
Delta R.T.: -0.006 min
Response: 721331
Conc: 20.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



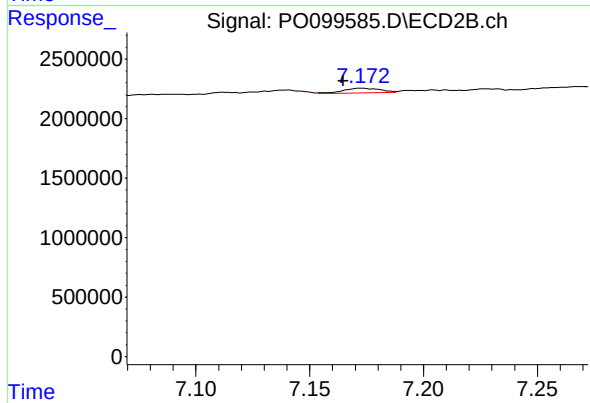
#33 AR-1260-3

R.T.: 6.694 min
Delta R.T.: 0.007 min
Response: 1153009
Conc: 25.26 ng/ml



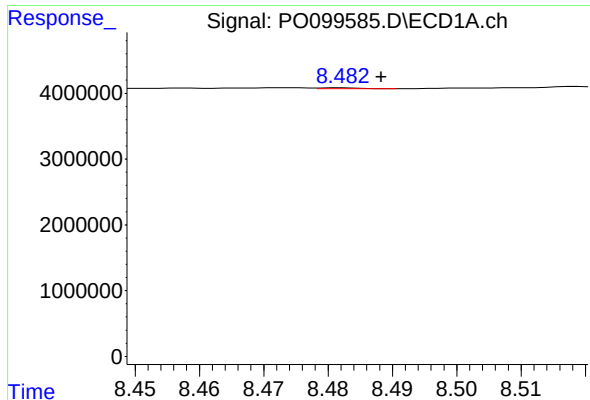
#34 AR-1260-4

R.T.: 8.150 min
Delta R.T.: -0.009 min
Response: 446210
Conc: 11.30 ng/ml



#34 AR-1260-4

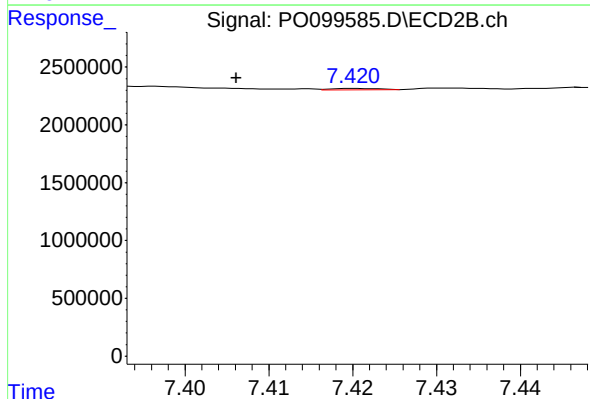
R.T.: 7.172 min
Delta R.T.: 0.008 min
Response: 446592
Conc: 12.15 ng/ml



#35 AR-1260-5

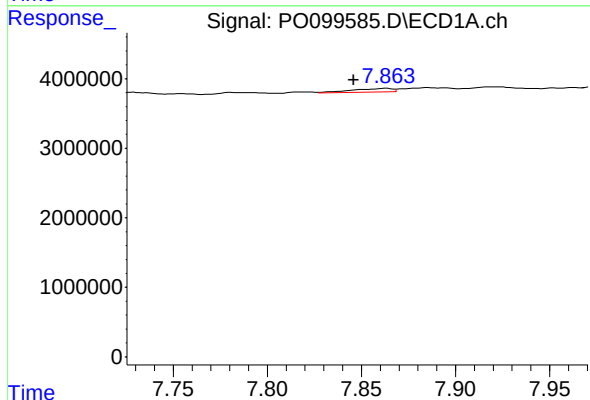
R.T.: 8.482 min
Delta R.T.: -0.006 min
Response: 61537
Conc: 1.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



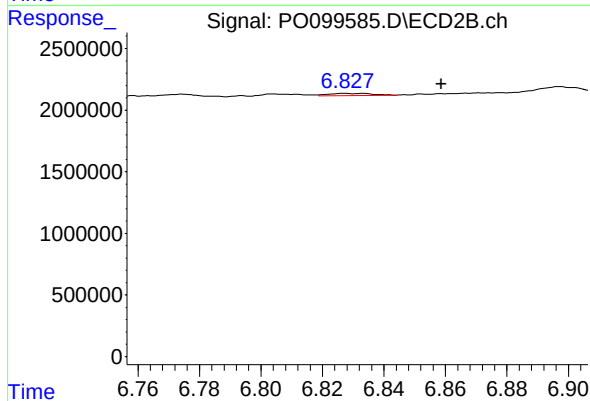
#35 AR-1260-5

R.T.: 7.420 min
Delta R.T.: 0.014 min
Response: 46832
Conc: 0.64 ng/ml



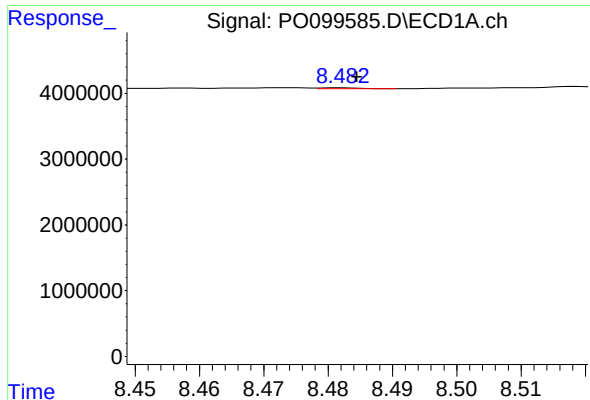
#36 AR-1262-1

R.T.: 7.863 min
Delta R.T.: 0.017 min
Response: 747521
Conc: 23.67 ng/ml



#36 AR-1262-1

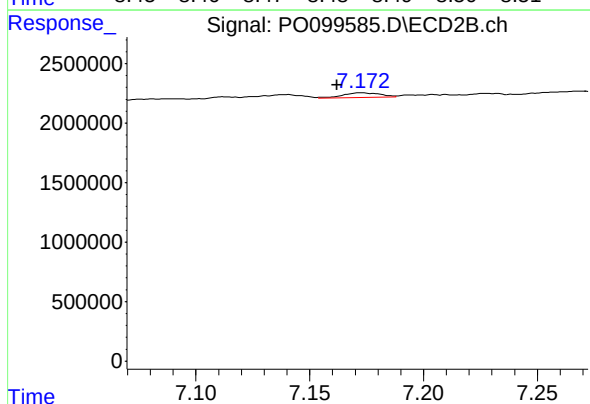
R.T.: 6.827 min
Delta R.T.: -0.031 min
Response: 180110
Conc: 7.33 ng/ml



#37 AR-1262-2

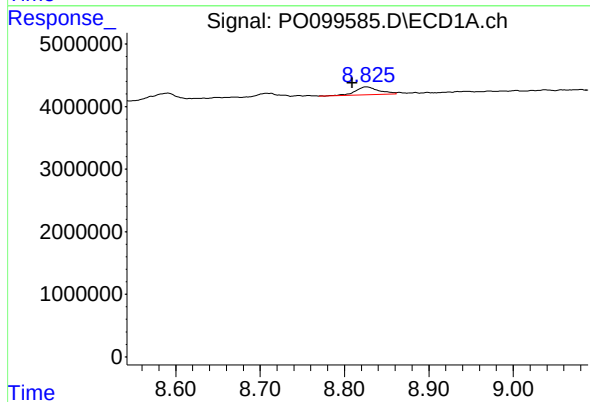
R.T.: 8.482 min
Delta R.T.: -0.002 min
Response: 61537
Conc: 0.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



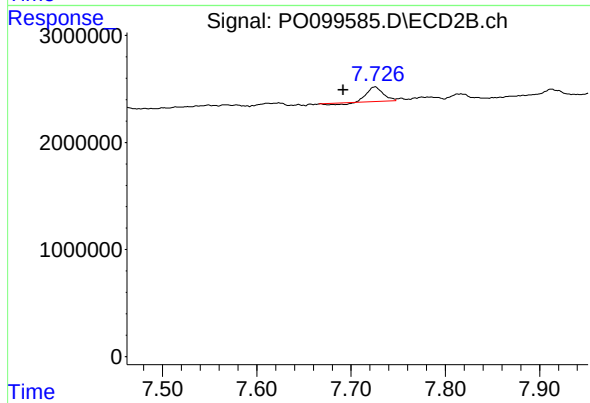
#37 AR-1262-2

R.T.: 7.172 min
Delta R.T.: 0.010 min
Response: 446592
Conc: 9.01 ng/ml



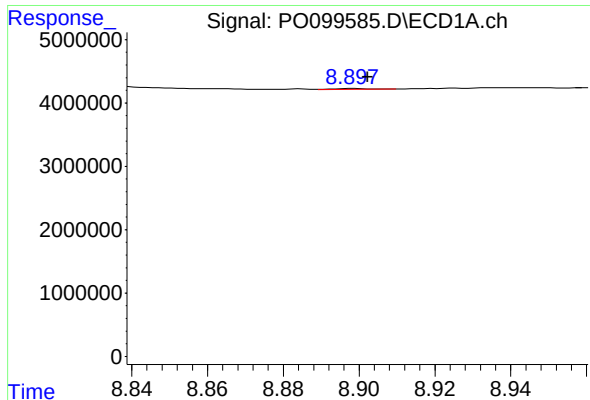
#38 AR-1262-3

R.T.: 8.826 min
Delta R.T.: 0.017 min
Response: 2406732
Conc: 46.86 ng/ml



#38 AR-1262-3

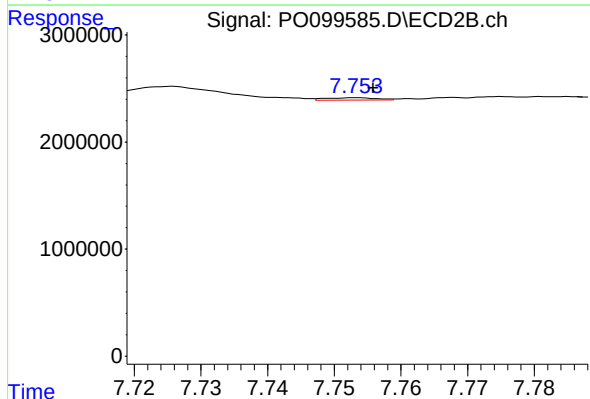
R.T.: 7.725 min
Delta R.T.: 0.034 min
Response: 1508674
Conc: 40.80 ng/ml



#39 AR-1262-4

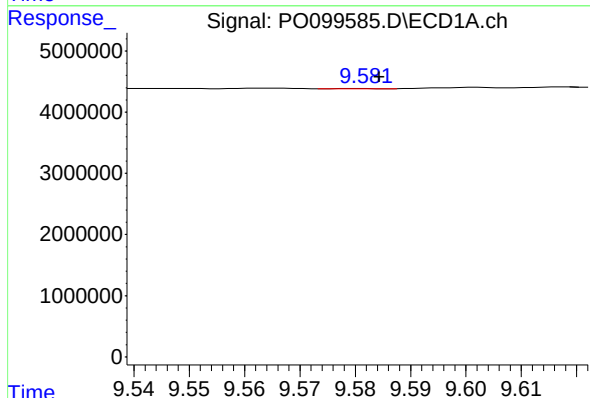
R.T.: 8.898 min
Delta R.T.: -0.004 min
Response: 70371
Conc: 1.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



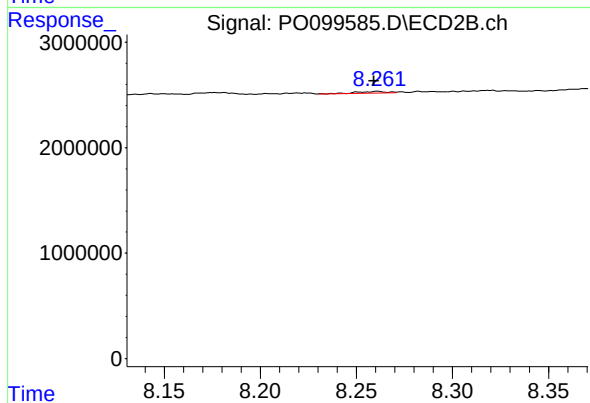
#39 AR-1262-4

R.T.: 7.753 min
Delta R.T.: -0.003 min
Response: 118731
Conc: 1.85 ng/ml



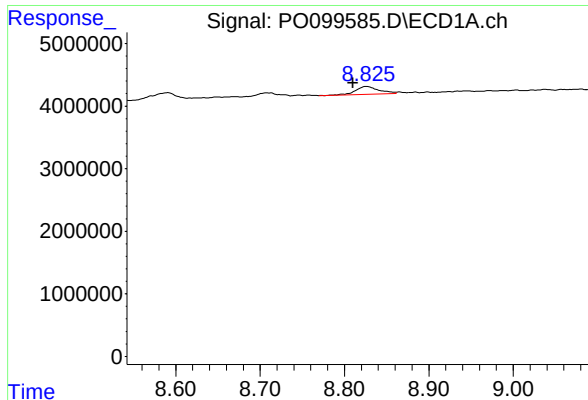
#40 AR-1262-5

R.T.: 9.581 min
Delta R.T.: -0.003 min
Response: 26383
Conc: 1.24 ng/ml



#40 AR-1262-5

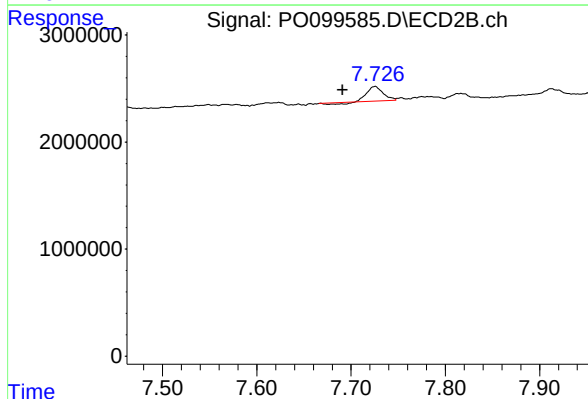
R.T.: 8.261 min
Delta R.T.: 0.002 min
Response: 163091
Conc: 5.93 ng/ml



#41 AR-1268-1

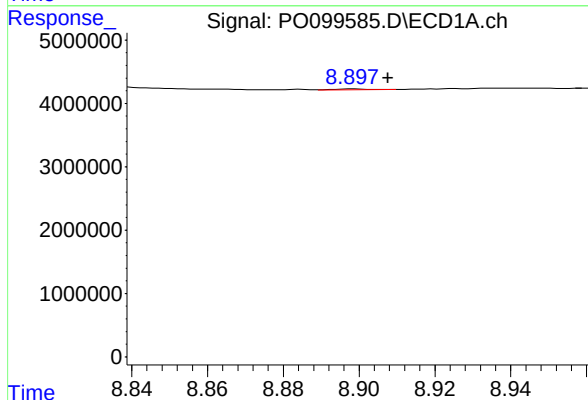
R.T.: 8.826 min
Delta R.T.: 0.016 min
Response: 2406732
Conc: 23.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



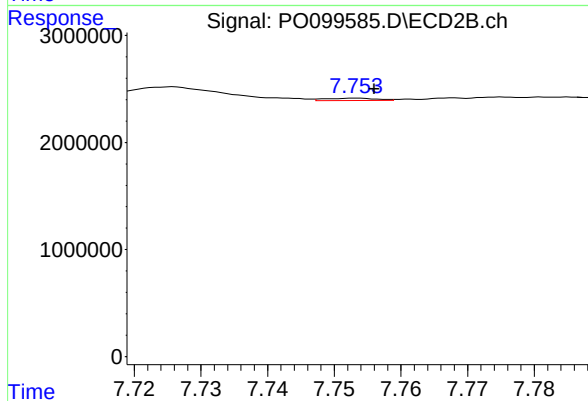
#41 AR-1268-1

R.T.: 7.725 min
Delta R.T.: 0.034 min
Response: 1508674
Conc: 13.72 ng/ml



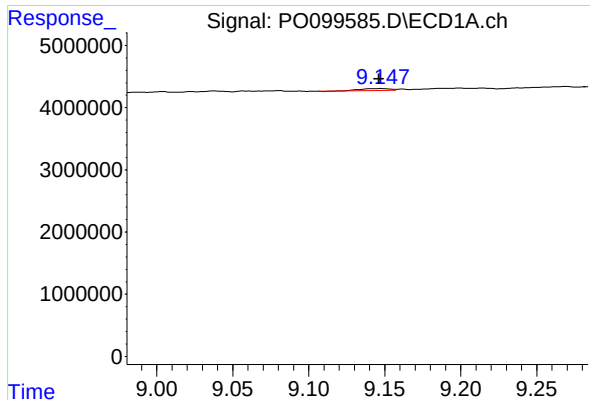
#42 AR-1268-2

R.T.: 8.898 min
Delta R.T.: -0.009 min
Response: 70371
Conc: 0.83 ng/ml



#42 AR-1268-2

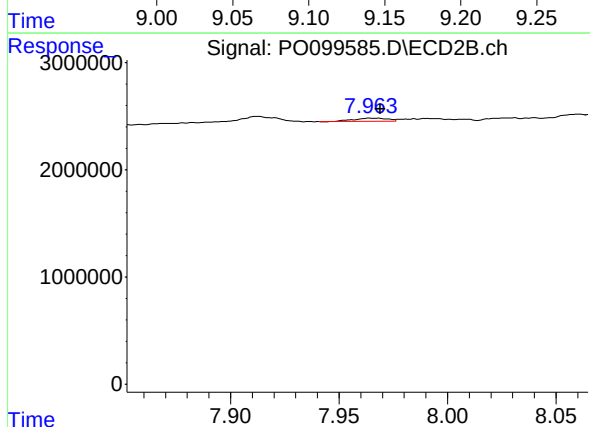
R.T.: 7.753 min
Delta R.T.: -0.003 min
Response: 118731
Conc: 1.20 ng/ml



#43 AR-1268-3

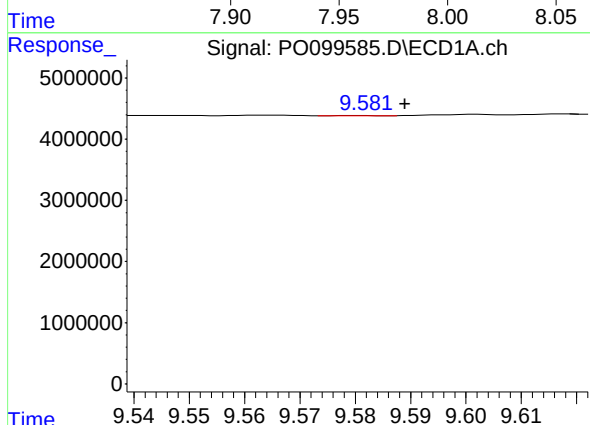
R.T.: 9.148 min
Delta R.T.: 0.002 min
Response: 393278
Conc: 4.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



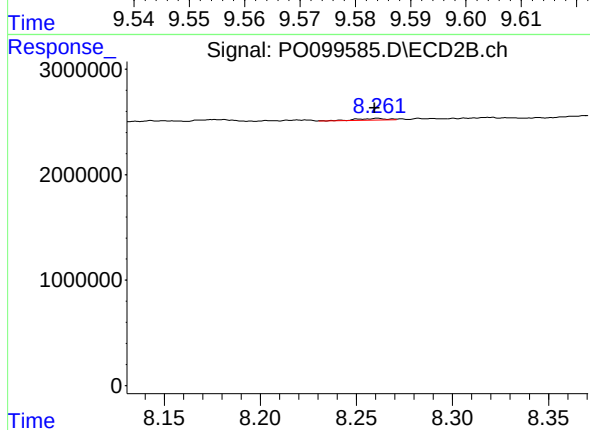
#43 AR-1268-3

R.T.: 7.965 min
Delta R.T.: -0.004 min
Response: 306160
Conc: 3.23 ng/ml



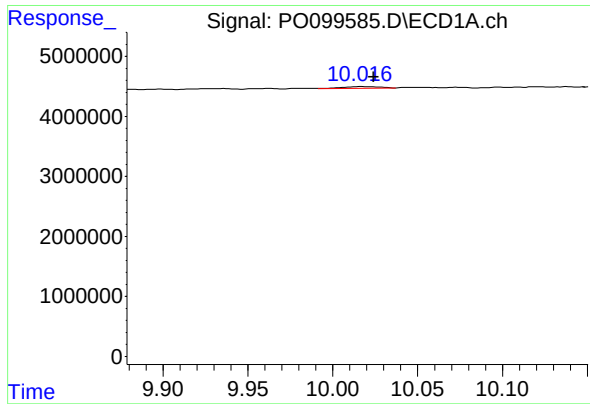
#44 AR-1268-4

R.T.: 9.581 min
Delta R.T.: -0.008 min
Response: 26383
Conc: 1.09 ng/ml



#44 AR-1268-4

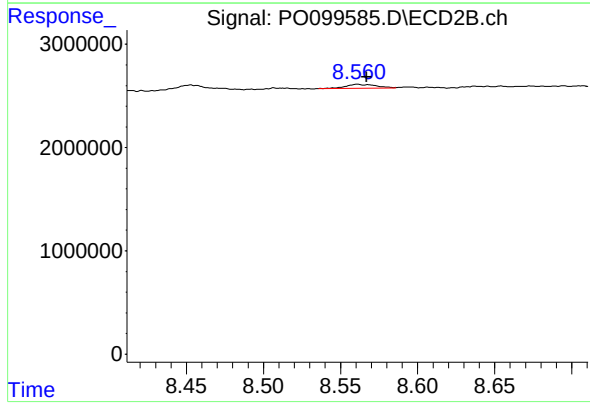
R.T.: 8.261 min
Delta R.T.: 0.002 min
Response: 163091
Conc: 5.44 ng/ml



#45 AR-1268-5

R.T.: 10.017 min
Delta R.T.: -0.007 min
Response: 457695
Conc: 2.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.561 min
Delta R.T.: -0.006 min
Response: 537988
Conc: 2.14 ng/ml