

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051624\
 Data File : P0103874.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2024 03:31
 Operator : YP/AJ
 Sample : P2403-09
 Misc : AR1242 MDL 25 PPB
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 03:55:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0050624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 16 04:14:30 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...	4.449	3.583	110.9E6	36546776	14.413	14.507
2) SA Decachlor...	10.206	8.538	78376756	19231200	16.534	14.783
Target Compounds						
3) L1 AR-1016-1	5.616	4.678	7274000	1934894	29.915	24.658
4) L1 AR-1016-2	5.640	4.678	7206906	1934894	20.807	16.154
5) L1 AR-1016-3	5.704	4.850	5174695	974354	24.956	14.580 #
6) L1 AR-1016-4	5.802	4.894	3044043	852807	17.856	18.558
7) L1 AR-1016-5	6.095	5.103	2491801	1529256	15.730	24.492 #
8) L2 AR-1221-1	4.656	3.814	3391585	278933	38.210	9.057 #
9) L2 AR-1221-2	4.754	3.881	2764473	969348	41.070	39.854
10) L2 AR-1221-3	4.820	3.955	3782203	773544	18.830	10.793 #
11) L3 AR-1232-1	4.820	3.955	3782203	773544	22.776	12.988 #
12) L3 AR-1232-2	5.351	4.678	2429339	1934894	28.456	33.756
13) L3 AR-1232-3	5.640	4.850	7206906	974354	43.987	31.466 #
14) L3 AR-1232-4	5.802	4.932	3044043	1207536	38.590	47.013
15) L3 AR-1232-5	5.890	5.103	3605199	1529256	63.766	55.028
16) L4 AR-1242-1	5.616	4.678	7274000	1934894	35.548	29.268
17) L4 AR-1242-2	5.640	4.678	7206906	1934894	24.740	19.438
18) L4 AR-1242-3	5.704	4.850	5174695	974354	29.854	17.803 #
19) L4 AR-1242-4	5.802	4.932	3044043	1207536	21.192	24.309
20) L4 AR-1242-5	6.535	5.451	3838707	1507864	26.809	24.665
21) L5 AR-1248-1	5.616	4.678	7274000	1934894	47.399	38.347
22) L5 AR-1248-2	5.890	4.894	3605199	852807	17.528	12.946 #
23) L5 AR-1248-3	6.095	4.932	2491801	1207536	11.064	16.681 #
24) L5 AR-1248-4	6.496	5.103	3700039	1529256	14.378	18.094 #
25) L5 AR-1248-5	6.535	5.490	3838707	1408742	15.756	16.043
26) L6 AR-1254-1	6.470	5.451	2307315	1507864	9.370	12.371 #
27) L6 AR-1254-2	6.692	5.598	2516808	844501	6.954	7.997
28) L6 AR-1254-3	7.055	5.999	1821520	1288947	5.004	7.500 #
29) L6 AR-1254-4	7.354	6.242	4790762	225238	16.901	2.186 #
30) L6 AR-1254-5	7.734	6.657	421913	77480	1.583	0.562 #
31) L7 AR-1260-1	7.229	6.162	700267	723424	2.678	6.847 #
32) L7 AR-1260-2	7.479	6.325	515750	308081	1.584	2.461 #
33) L7 AR-1260-3	7.847	6.464	298029	479982	1.202	4.064 #
34) L7 AR-1260-4	8.067	6.929	509983	128547	2.093	1.440 #
35) L7 AR-1260-5	8.374	7.190	165536	59854	0.305	0.289
36) L8 AR-1262-1	7.734	6.657	421913	77480	1.832	1.011 #
37) L8 AR-1262-2	8.374	6.929	165536	128547	0.255	1.091 #
38) L8 AR-1262-3	8.687	7.466	83591	52494	0.195	0.581 #
39) L8 AR-1262-4	8.783	7.529	346679	26127	1.032	0.156 #
40) L8 AR-1262-5	9.434	8.027	30656	107224	0.129	1.486 #
41) L9 AR-1268-1	8.687	7.466	83591	52494	0.107	0.204 #

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Integration File signal 1: autoint1.e
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 Quant Time: May 17 03:55:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0050624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 16 04:14:30 2024
 Response via : Initial Calibration
 Integrator: ChemStation

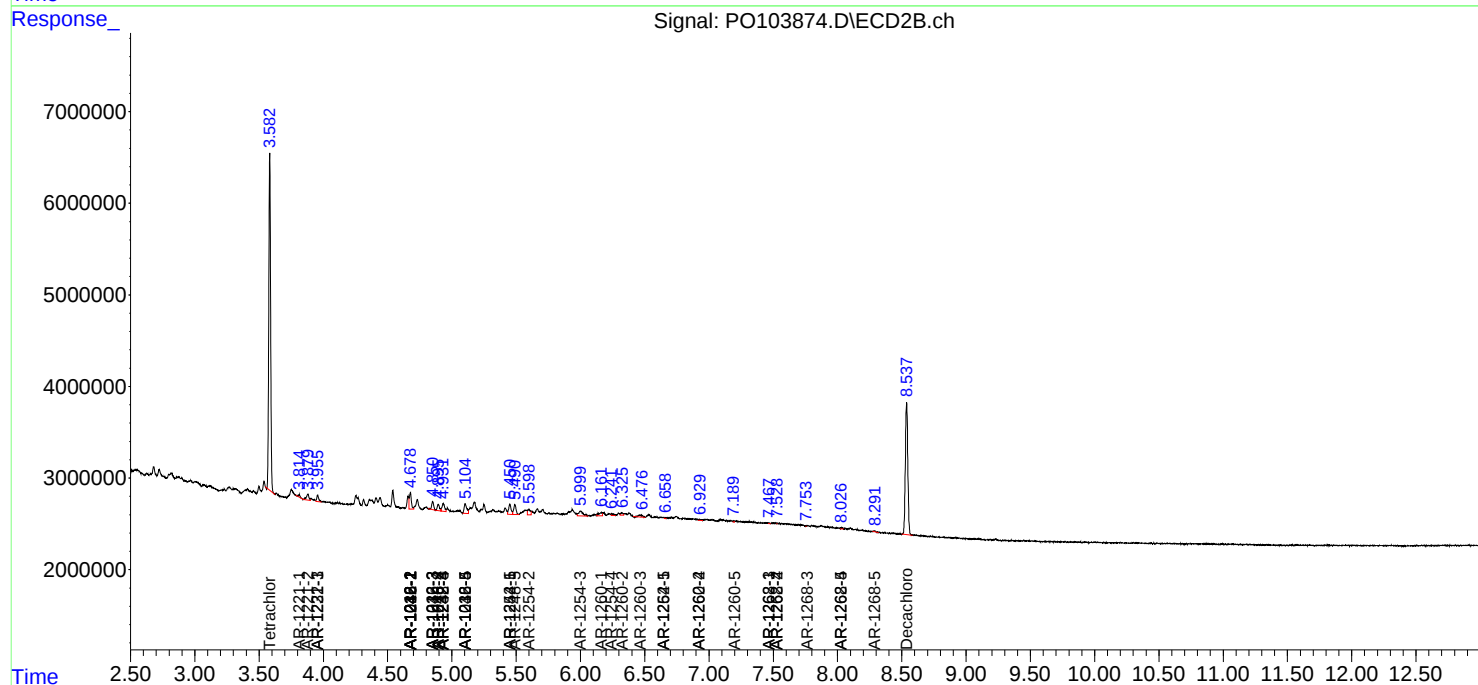
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

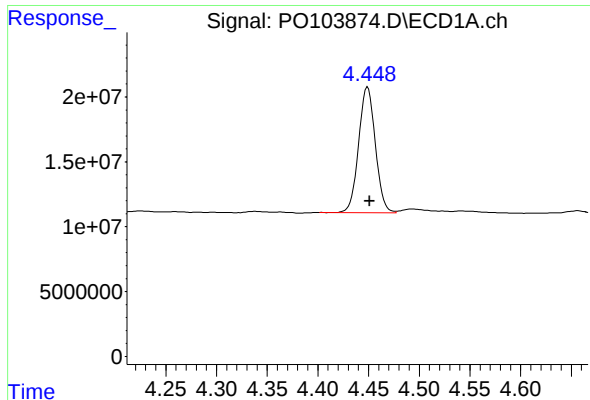
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.783	7.529	346679	26127	0.485	0.105 #
43) L9	AR-1268-3	9.018	7.754	113433	24459	0.180	0.122 #
44) L9	AR-1268-4	9.434	8.027	30656	107224	0.121	1.356 #
45) L9	AR-1268-5	9.862	8.291	443991	93152	0.229	0.172 #

(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

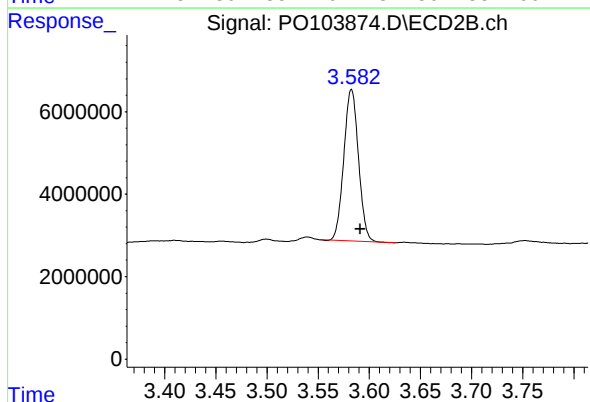




#1 Tetrachloro-m-xylene

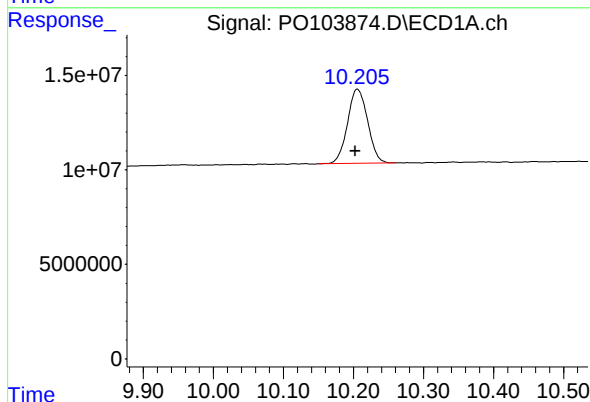
R.T.: 4.449 min
Delta R.T.: -0.002 min
Response: 110919173
Conc: 14.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



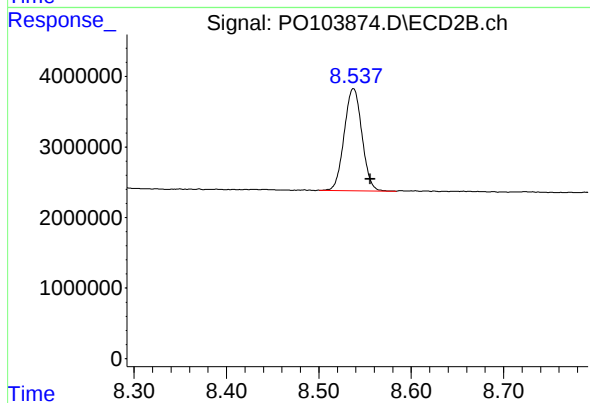
#1 Tetrachloro-m-xylene

R.T.: 3.583 min
Delta R.T.: -0.009 min
Response: 36546776
Conc: 14.51 ng/ml



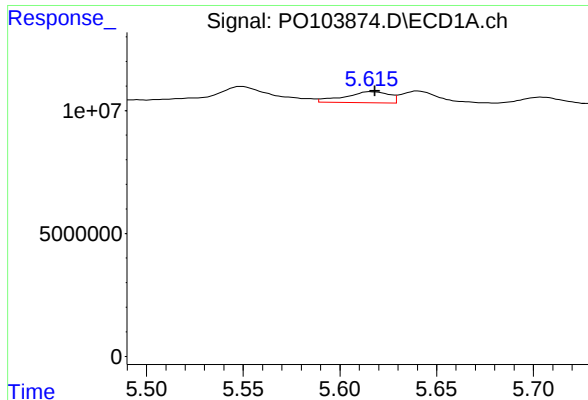
#2 Decachlorobiphenyl

R.T.: 10.206 min
Delta R.T.: 0.003 min
Response: 78376756
Conc: 16.53 ng/ml



#2 Decachlorobiphenyl

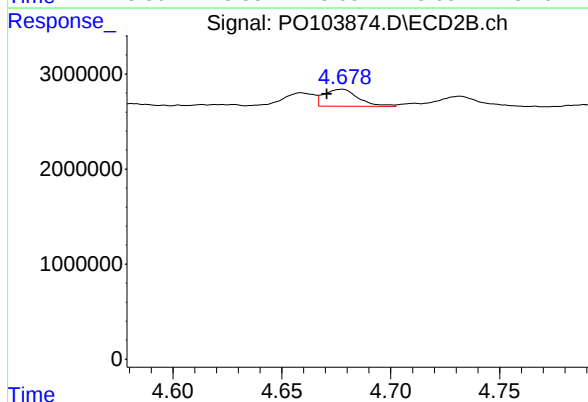
R.T.: 8.538 min
Delta R.T.: -0.018 min
Response: 19231200
Conc: 14.78 ng/ml



#3 AR-1016-1

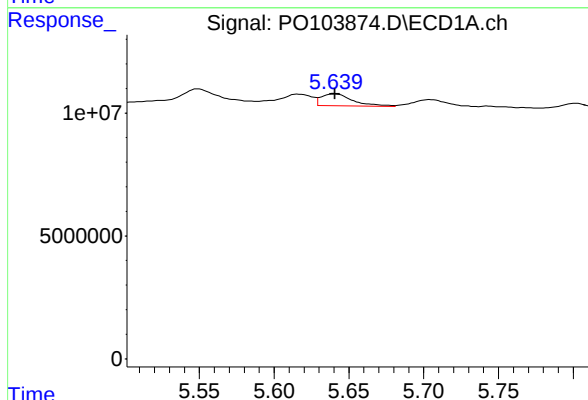
R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 7274000
Conc: 29.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



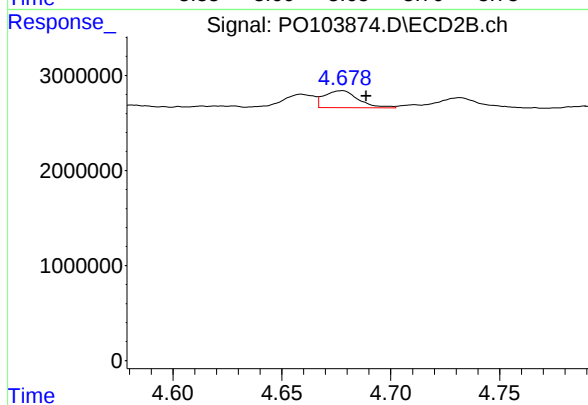
#3 AR-1016-1

R.T.: 4.678 min
Delta R.T.: 0.007 min
Response: 1934894
Conc: 24.66 ng/ml



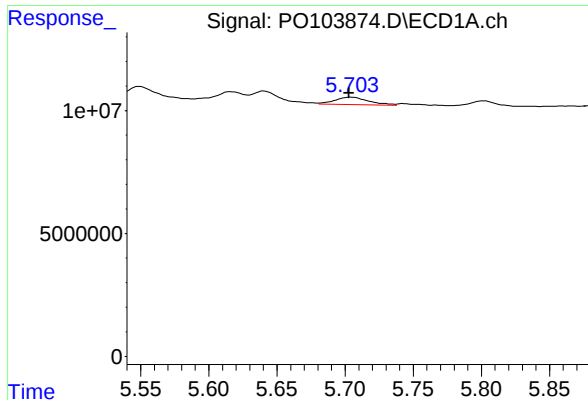
#4 AR-1016-2

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 7206906
Conc: 20.81 ng/ml



#4 AR-1016-2

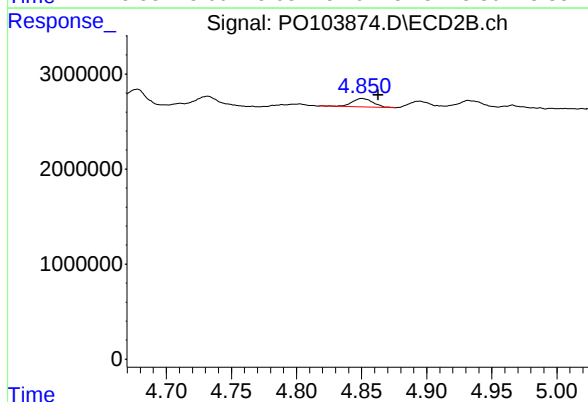
R.T.: 4.678 min
Delta R.T.: -0.011 min
Response: 1934894
Conc: 16.15 ng/ml



#5 AR-1016-3

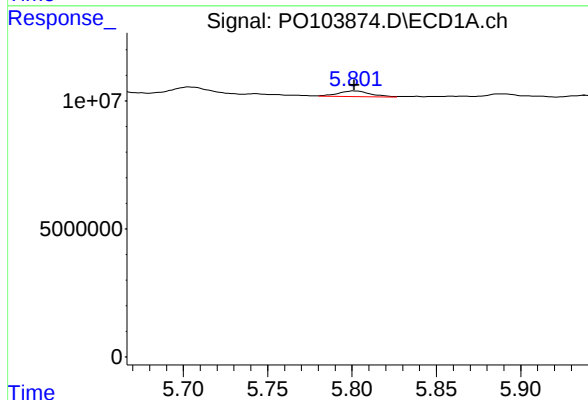
R.T.: 5.704 min
Delta R.T.: 0.001 min
Response: 5174695
Conc: 24.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



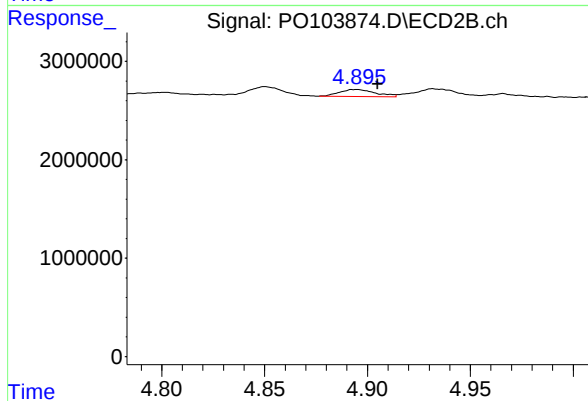
#5 AR-1016-3

R.T.: 4.850 min
Delta R.T.: -0.012 min
Response: 974354
Conc: 14.58 ng/ml



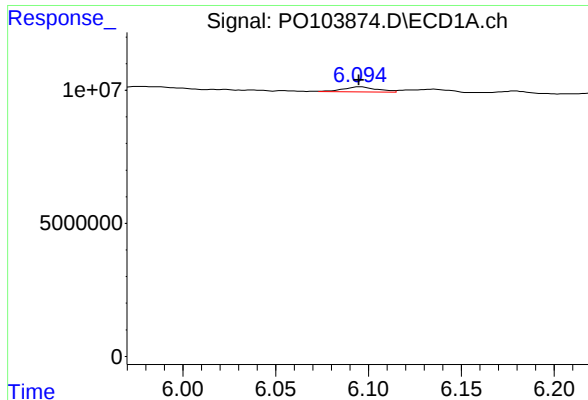
#6 AR-1016-4

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 3044043
Conc: 17.86 ng/ml



#6 AR-1016-4

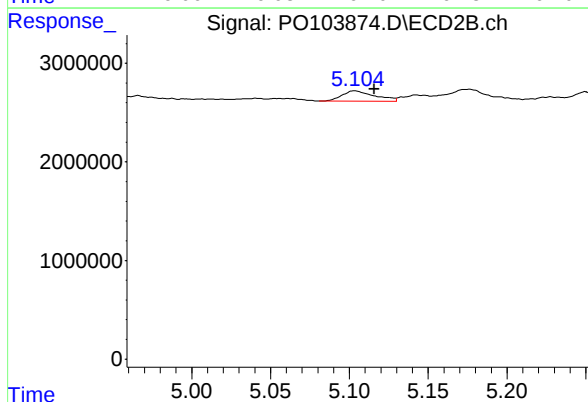
R.T.: 4.894 min
Delta R.T.: -0.011 min
Response: 852807
Conc: 18.56 ng/ml



#7 AR-1016-5

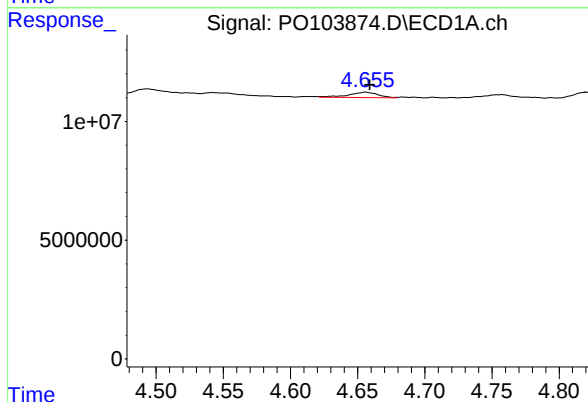
R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 2491801
Conc: 15.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



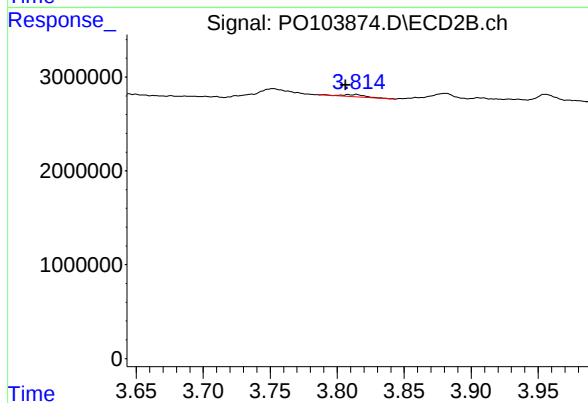
#7 AR-1016-5

R.T.: 5.103 min
Delta R.T.: -0.012 min
Response: 1529256
Conc: 24.49 ng/ml



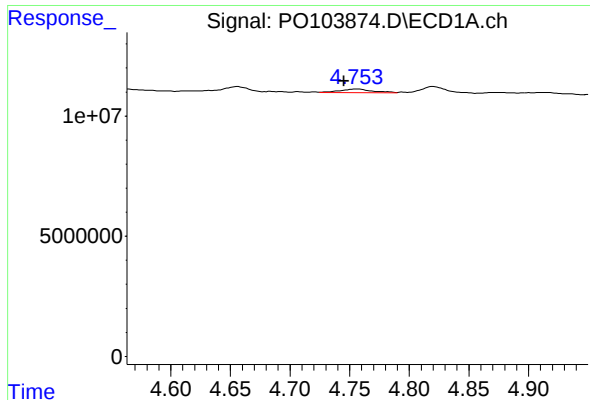
#8 AR-1221-1

R.T.: 4.656 min
Delta R.T.: -0.003 min
Response: 3391585
Conc: 38.21 ng/ml



#8 AR-1221-1

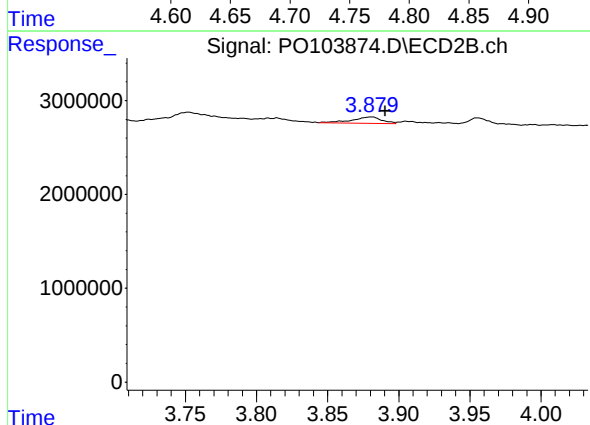
R.T.: 3.814 min
Delta R.T.: 0.008 min
Response: 278933
Conc: 9.06 ng/ml



#9 AR-1221-2

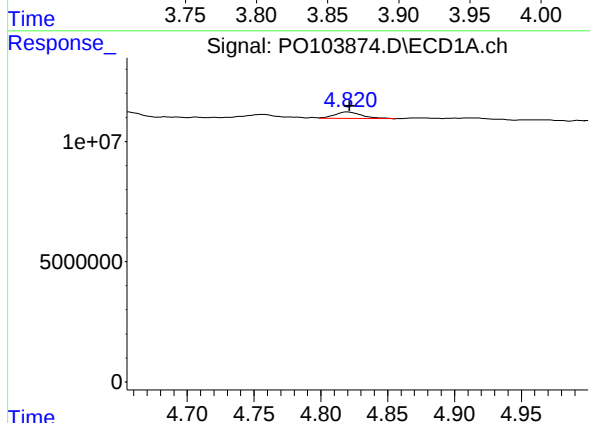
R.T.: 4.754 min
Delta R.T.: 0.009 min
Response: 2764473
Conc: 41.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



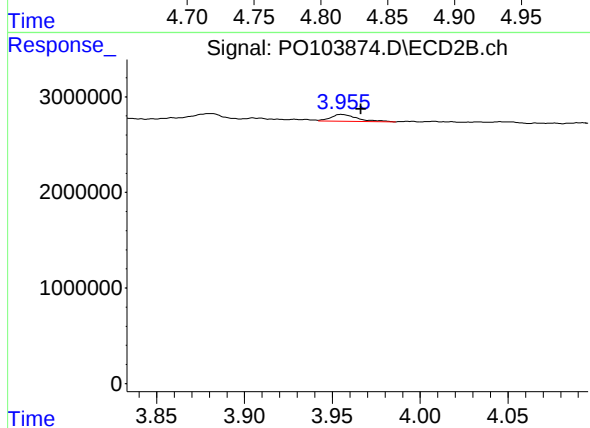
#9 AR-1221-2

R.T.: 3.881 min
Delta R.T.: -0.010 min
Response: 969348
Conc: 39.85 ng/ml



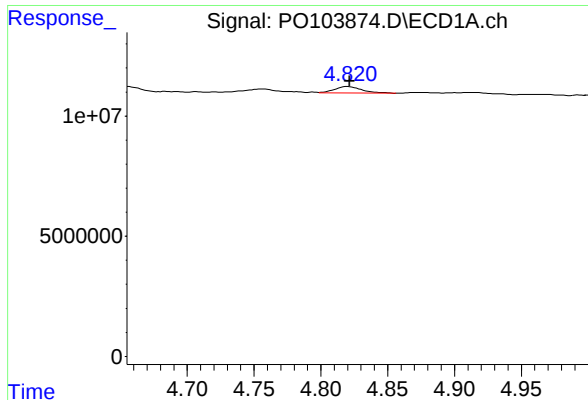
#10 AR-1221-3

R.T.: 4.820 min
Delta R.T.: -0.001 min
Response: 3782203
Conc: 18.83 ng/ml



#10 AR-1221-3

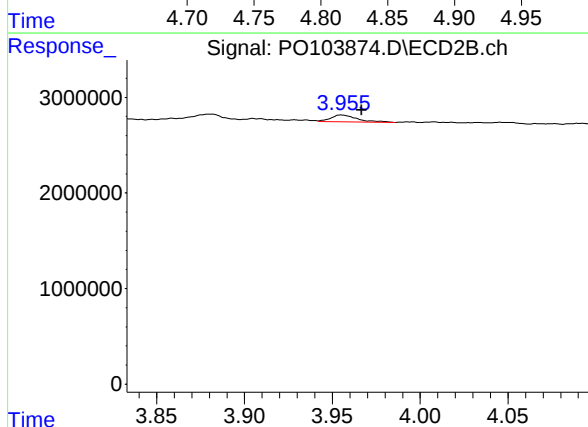
R.T.: 3.955 min
Delta R.T.: -0.011 min
Response: 773544
Conc: 10.79 ng/ml



#11 AR-1232-1

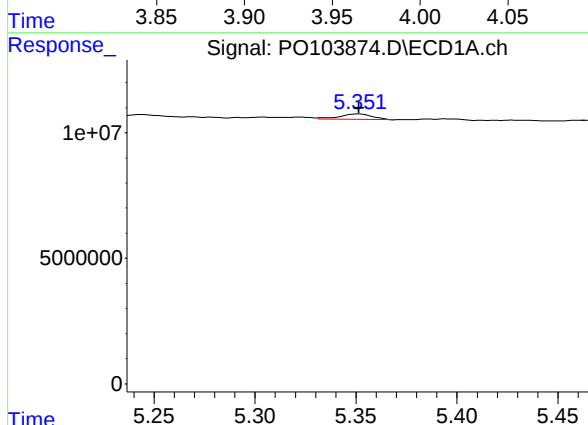
R.T.: 4.820 min
Delta R.T.: -0.001 min
Response: 3782203
Conc: 22.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



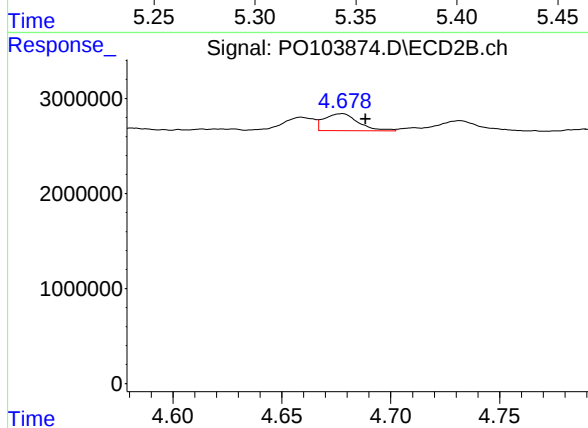
#11 AR-1232-1

R.T.: 3.955 min
Delta R.T.: -0.011 min
Response: 773544
Conc: 12.99 ng/ml



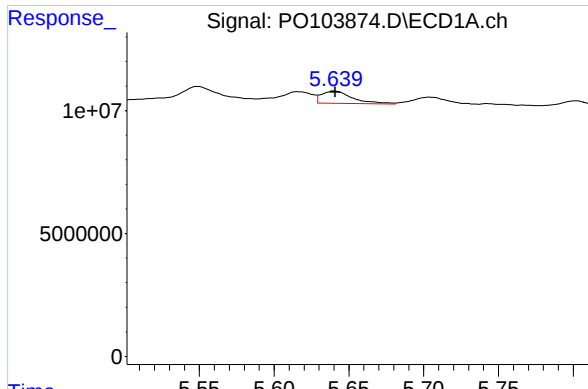
#12 AR-1232-2

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 2429339
Conc: 28.46 ng/ml



#12 AR-1232-2

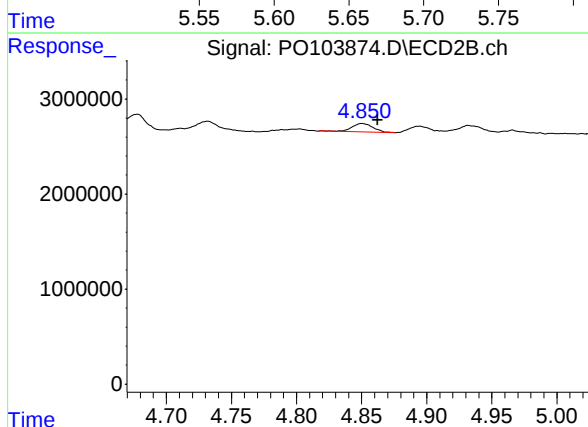
R.T.: 4.678 min
Delta R.T.: -0.011 min
Response: 1934894
Conc: 33.76 ng/ml



#13 AR-1232-3

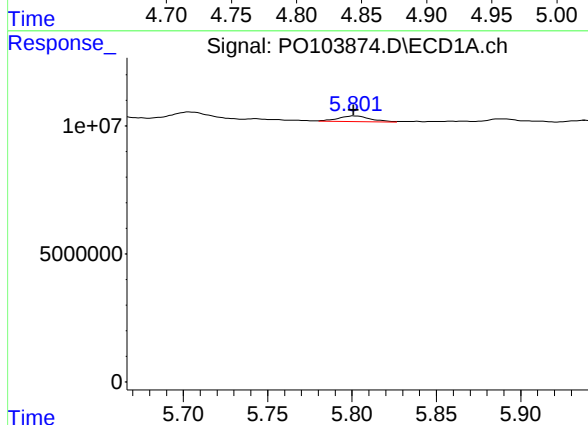
R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 7206906
Conc: 43.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



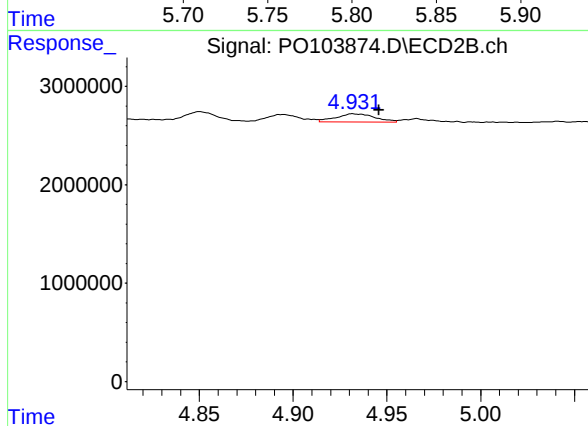
#13 AR-1232-3

R.T.: 4.850 min
Delta R.T.: -0.012 min
Response: 974354
Conc: 31.47 ng/ml



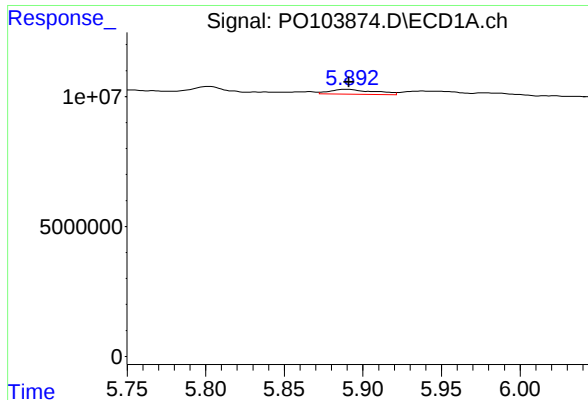
#14 AR-1232-4

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 3044043
Conc: 38.59 ng/ml



#14 AR-1232-4

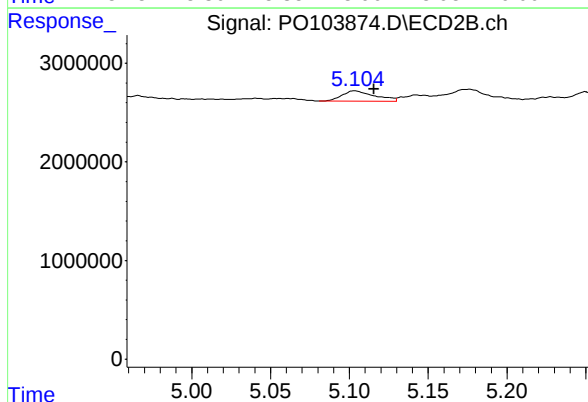
R.T.: 4.932 min
Delta R.T.: -0.014 min
Response: 1207536
Conc: 47.01 ng/ml



#15 AR-1232-5

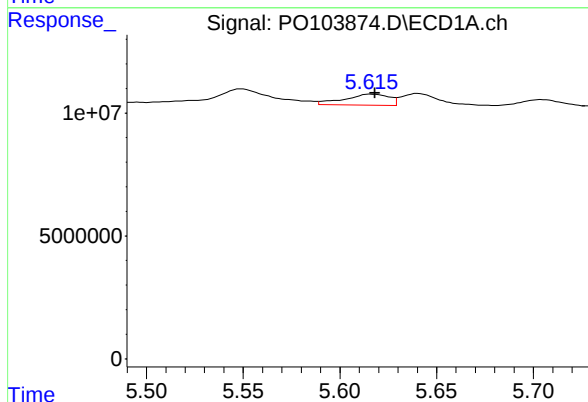
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 3605199
Conc: 63.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



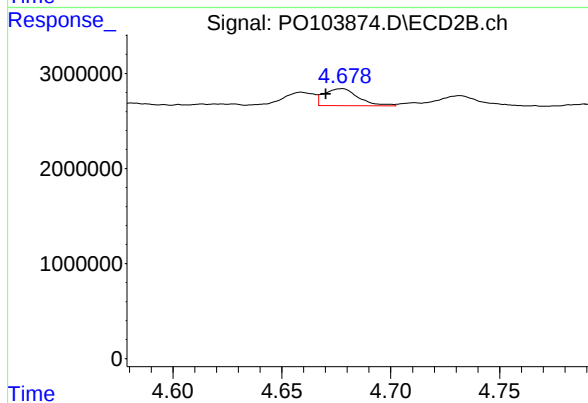
#15 AR-1232-5

R.T.: 5.103 min
Delta R.T.: -0.012 min
Response: 1529256
Conc: 55.03 ng/ml



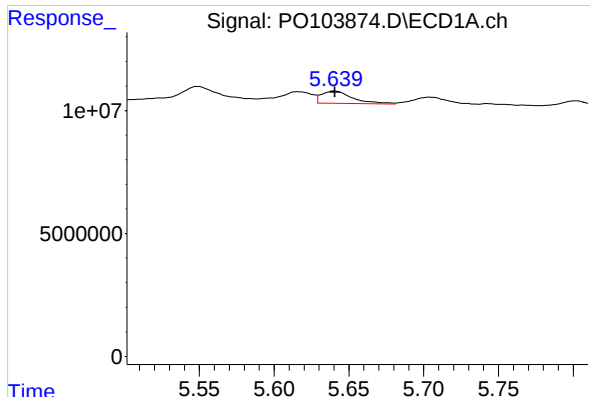
#16 AR-1242-1

R.T.: 5.616 min
Delta R.T.: -0.003 min
Response: 7274000
Conc: 35.55 ng/ml



#16 AR-1242-1

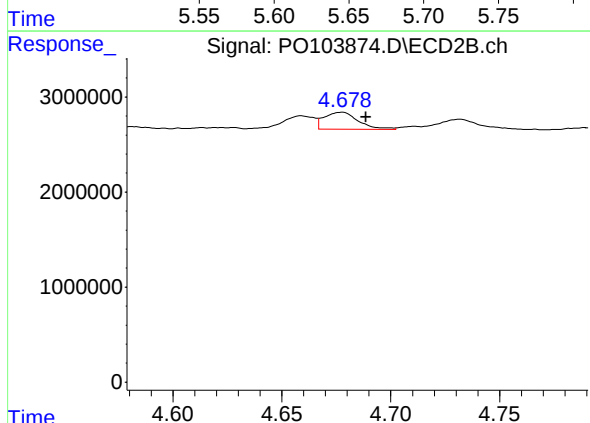
R.T.: 4.678 min
Delta R.T.: 0.007 min
Response: 1934894
Conc: 29.27 ng/ml



#17 AR-1242-2

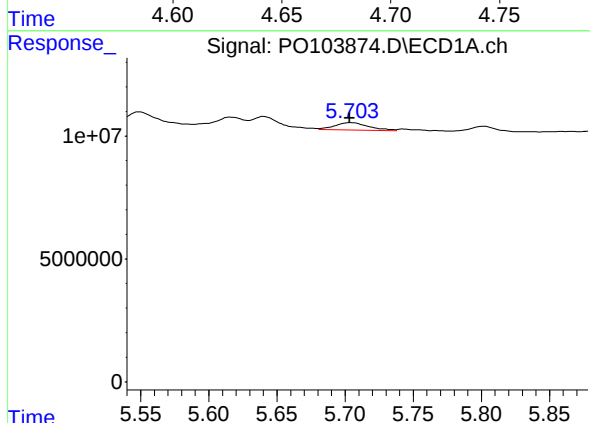
R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 7206906
Conc: 24.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



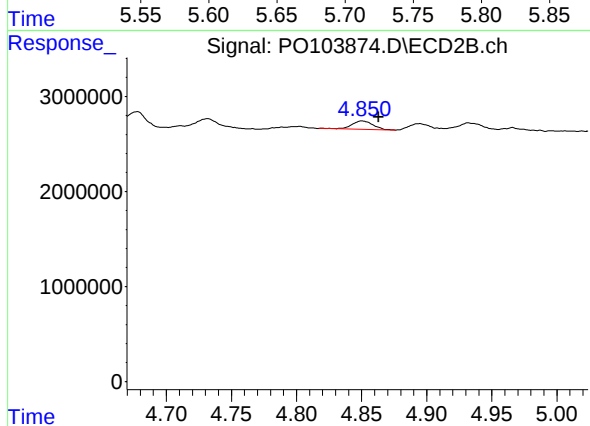
#17 AR-1242-2

R.T.: 4.678 min
Delta R.T.: -0.011 min
Response: 1934894
Conc: 19.44 ng/ml



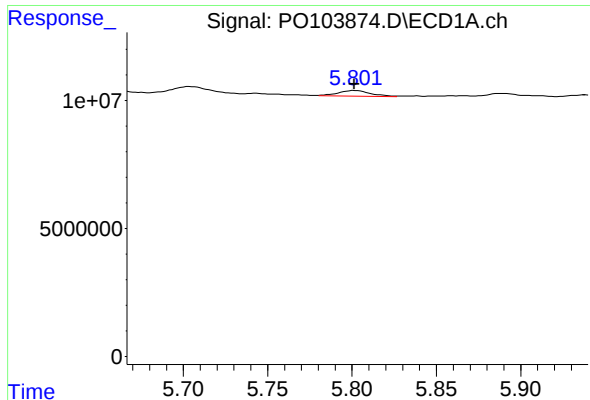
#18 AR-1242-3

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 5174695
Conc: 29.85 ng/ml



#18 AR-1242-3

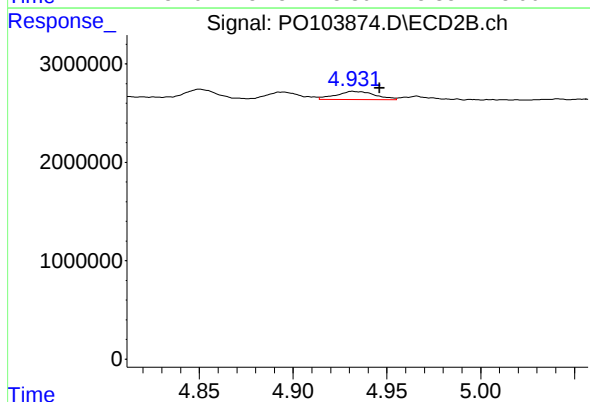
R.T.: 4.850 min
Delta R.T.: -0.013 min
Response: 974354
Conc: 17.80 ng/ml



#19 AR-1242-4

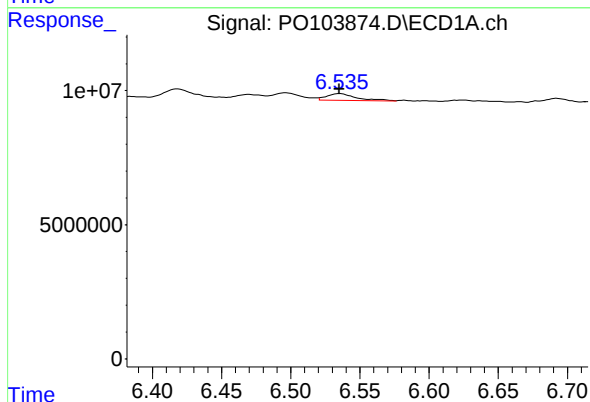
R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 3044043
Conc: 21.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



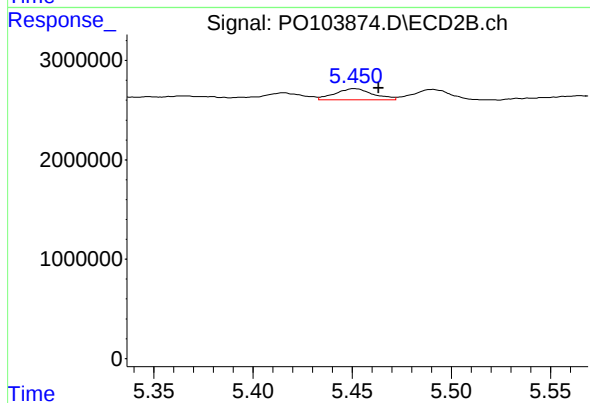
#19 AR-1242-4

R.T.: 4.932 min
Delta R.T.: -0.014 min
Response: 1207536
Conc: 24.31 ng/ml



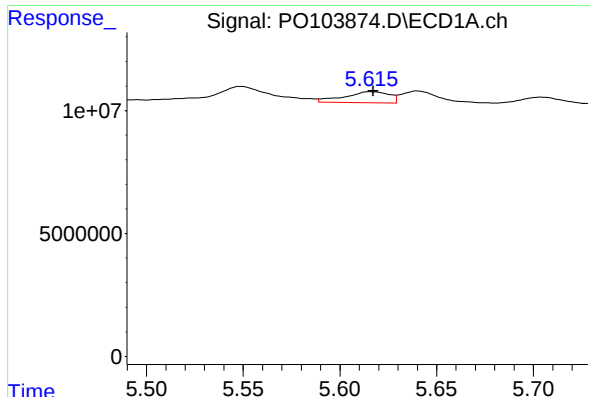
#20 AR-1242-5

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 3838707
Conc: 26.81 ng/ml



#20 AR-1242-5

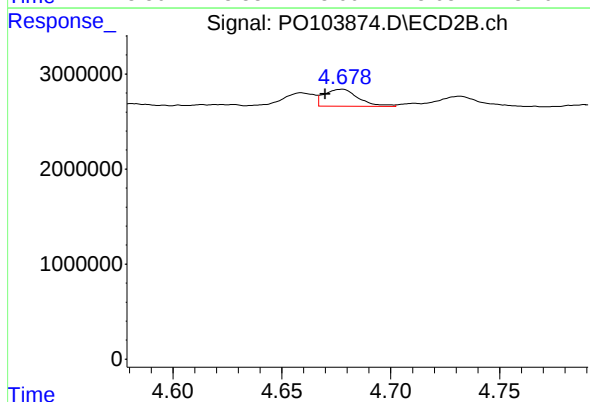
R.T.: 5.451 min
Delta R.T.: -0.012 min
Response: 1507864
Conc: 24.67 ng/ml



#21 AR-1248-1

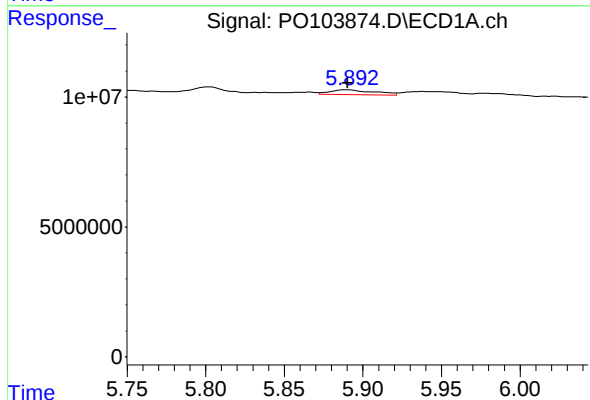
R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 7274000
Conc: 47.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



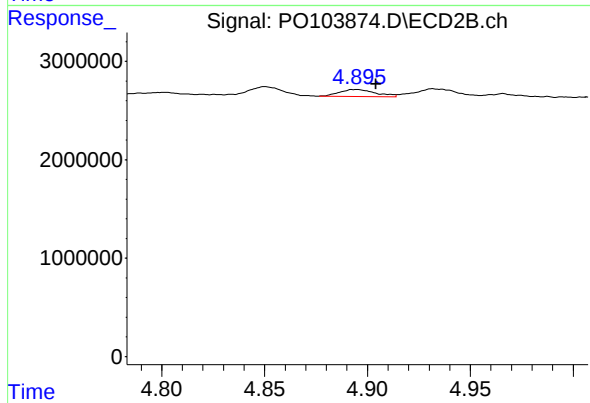
#21 AR-1248-1

R.T.: 4.678 min
Delta R.T.: 0.008 min
Response: 1934894
Conc: 38.35 ng/ml



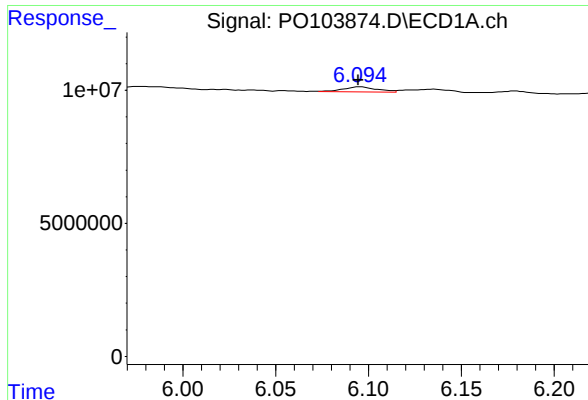
#22 AR-1248-2

R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 3605199
Conc: 17.53 ng/ml



#22 AR-1248-2

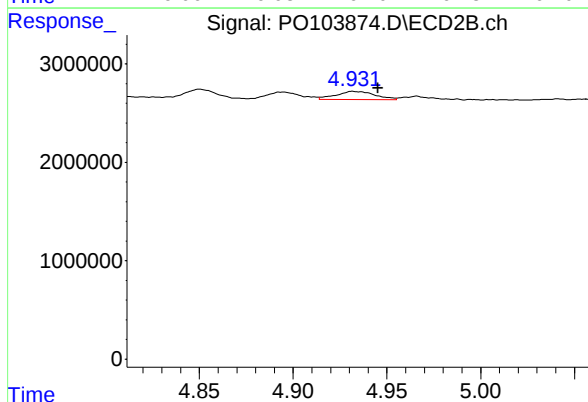
R.T.: 4.894 min
Delta R.T.: -0.010 min
Response: 852807
Conc: 12.95 ng/ml



#23 AR-1248-3

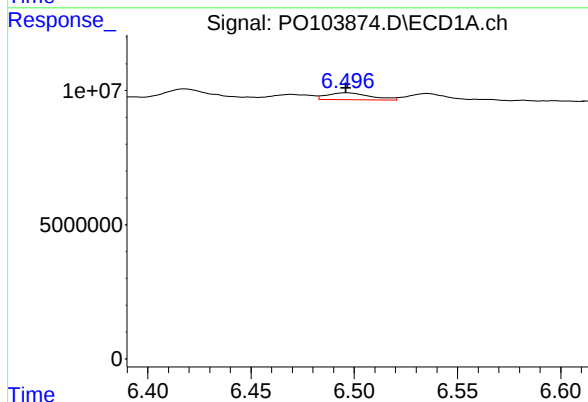
R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 2491801
Conc: 11.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



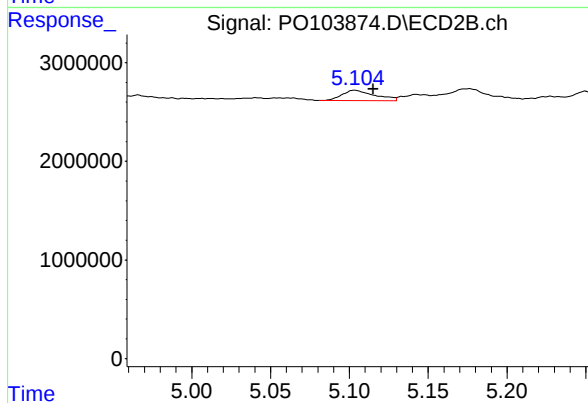
#23 AR-1248-3

R.T.: 4.932 min
Delta R.T.: -0.013 min
Response: 1207536
Conc: 16.68 ng/ml



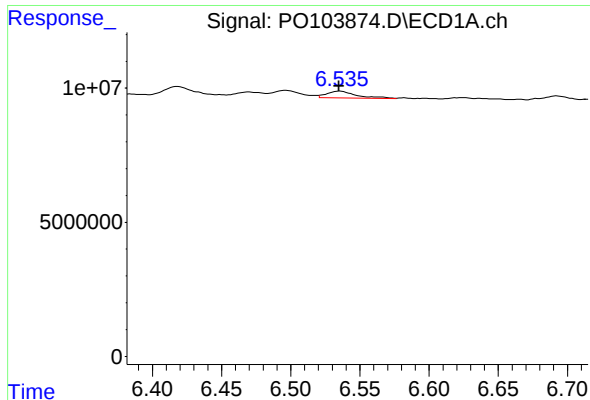
#24 AR-1248-4

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 3700039
Conc: 14.38 ng/ml



#24 AR-1248-4

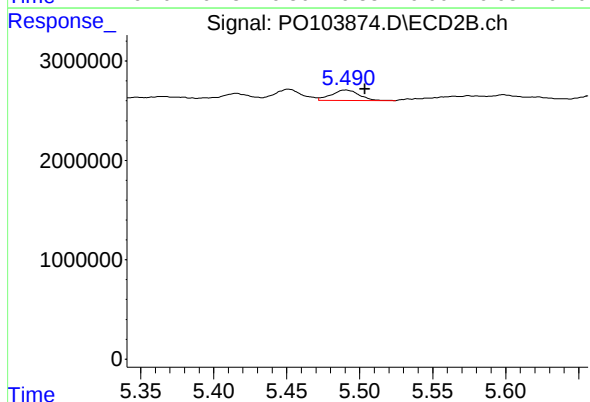
R.T.: 5.103 min
Delta R.T.: -0.012 min
Response: 1529256
Conc: 18.09 ng/ml



#25 AR-1248-5

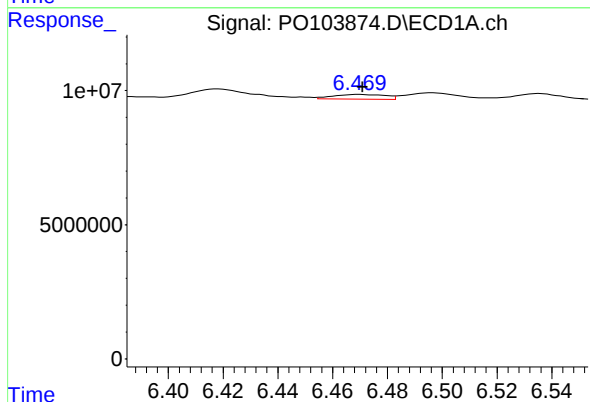
R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 3838707
Conc: 15.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



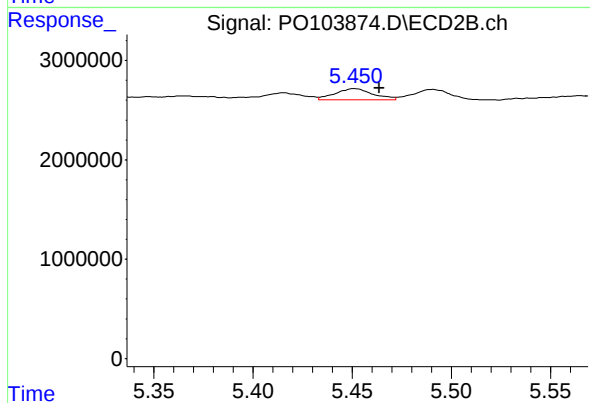
#25 AR-1248-5

R.T.: 5.490 min
Delta R.T.: -0.013 min
Response: 1408742
Conc: 16.04 ng/ml



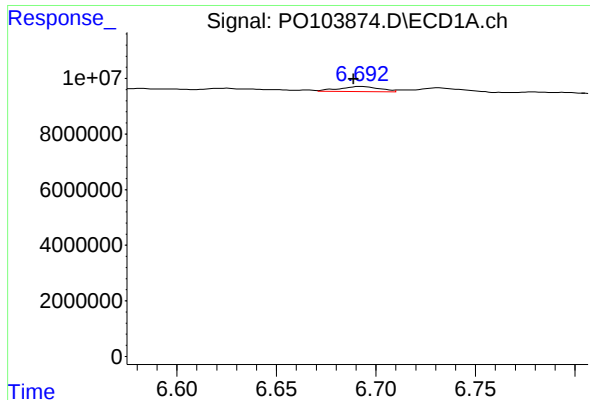
#26 AR-1254-1

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 2307315
Conc: 9.37 ng/ml



#26 AR-1254-1

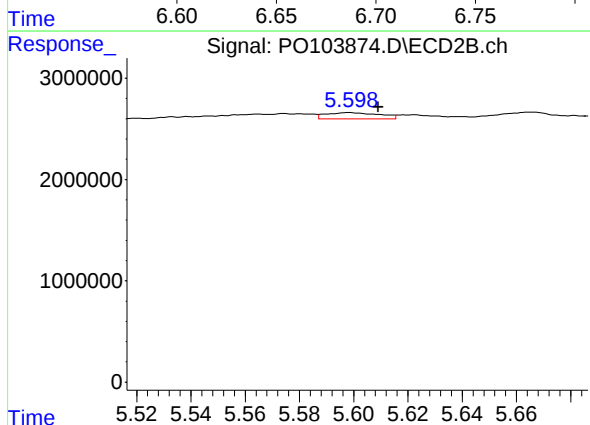
R.T.: 5.451 min
Delta R.T.: -0.012 min
Response: 1507864
Conc: 12.37 ng/ml



#27 AR-1254-2

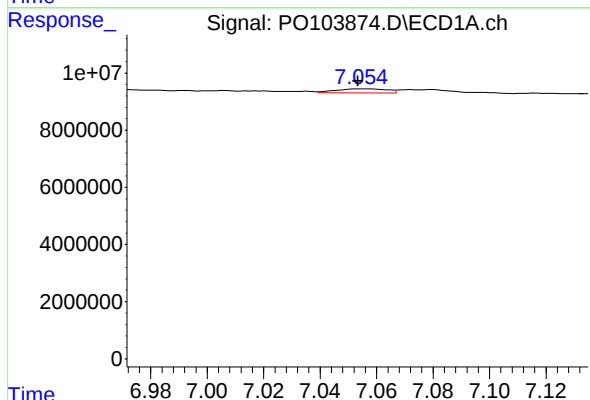
R.T.: 6.692 min
Delta R.T.: 0.004 min
Response: 2516808
Conc: 6.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



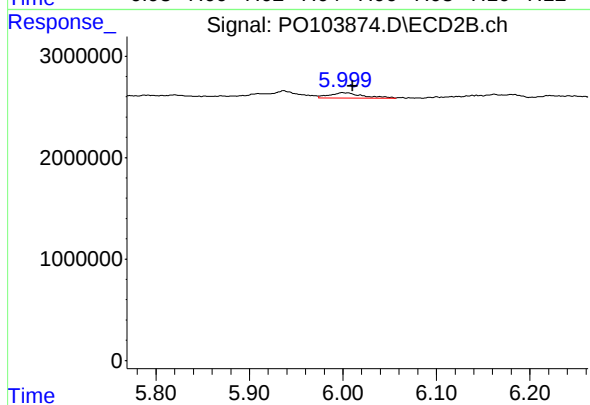
#27 AR-1254-2

R.T.: 5.598 min
Delta R.T.: -0.011 min
Response: 844501
Conc: 8.00 ng/ml



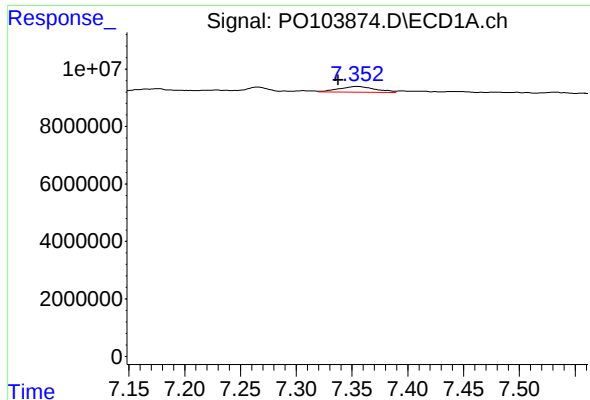
#28 AR-1254-3

R.T.: 7.055 min
Delta R.T.: 0.002 min
Response: 1821520
Conc: 5.00 ng/ml



#28 AR-1254-3

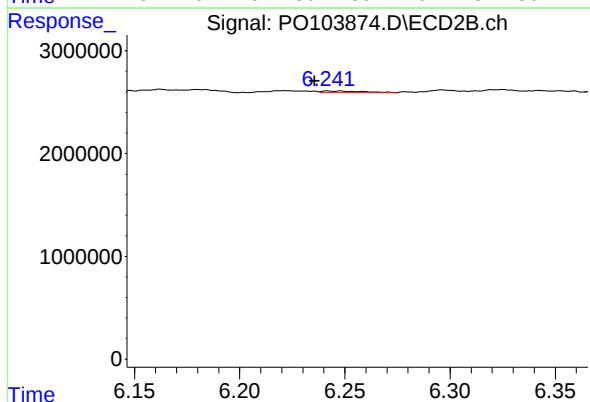
R.T.: 5.999 min
Delta R.T.: -0.011 min
Response: 1288947
Conc: 7.50 ng/ml



#29 AR-1254-4

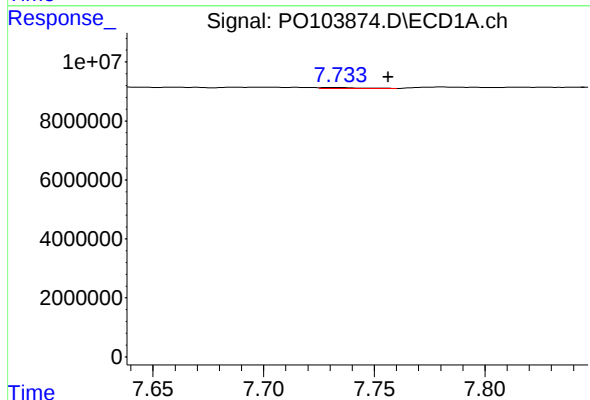
R.T.: 7.354 min
Delta R.T.: 0.016 min
Response: 4790762
Conc: 16.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



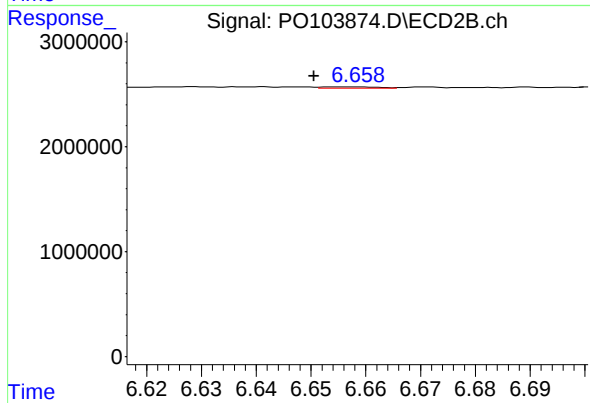
#29 AR-1254-4

R.T.: 6.242 min
Delta R.T.: 0.006 min
Response: 225238
Conc: 2.19 ng/ml



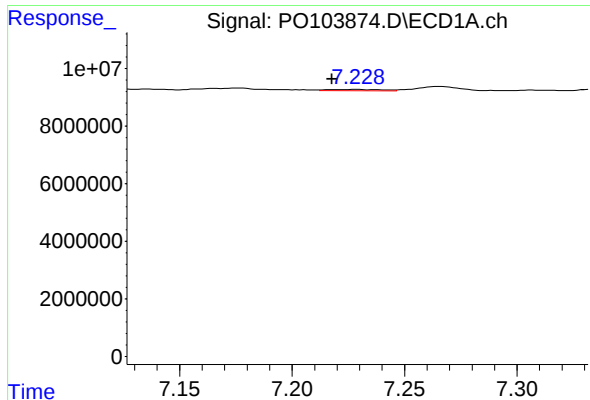
#30 AR-1254-5

R.T.: 7.734 min
Delta R.T.: -0.022 min
Response: 421913
Conc: 1.58 ng/ml



#30 AR-1254-5

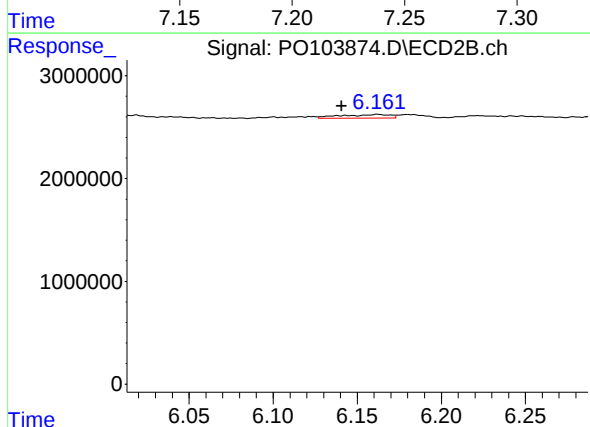
R.T.: 6.657 min
Delta R.T.: 0.006 min
Response: 77480
Conc: 0.56 ng/ml



#31 AR-1260-1

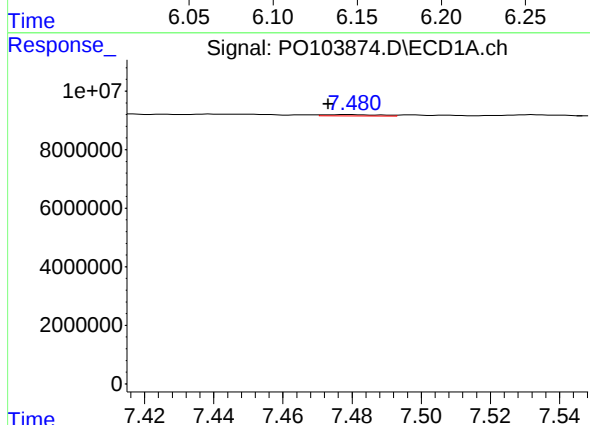
R.T.: 7.229 min
Delta R.T.: 0.011 min
Response: 700267
Conc: 2.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



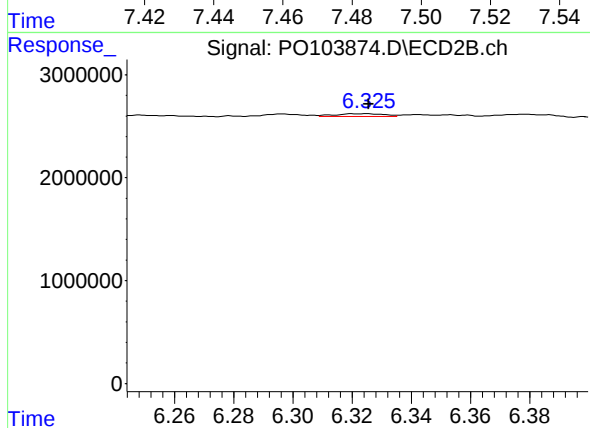
#31 AR-1260-1

R.T.: 6.162 min
Delta R.T.: 0.022 min
Response: 723424
Conc: 6.85 ng/ml



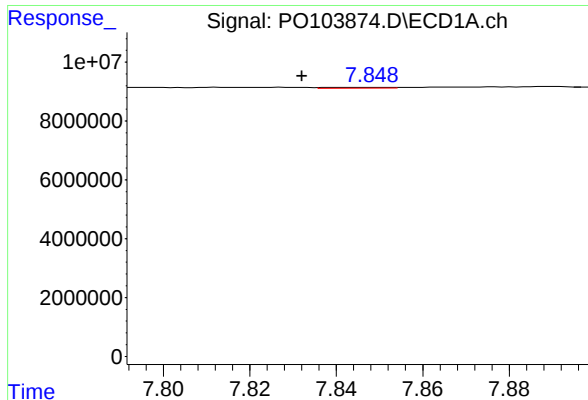
#32 AR-1260-2

R.T.: 7.479 min
Delta R.T.: 0.006 min
Response: 515750
Conc: 1.58 ng/ml



#32 AR-1260-2

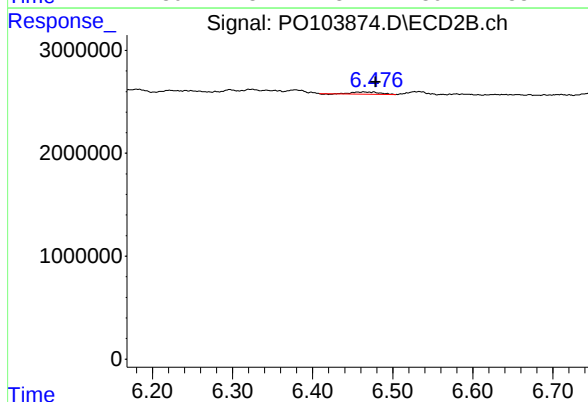
R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 308081
Conc: 2.46 ng/ml



#33 AR-1260-3

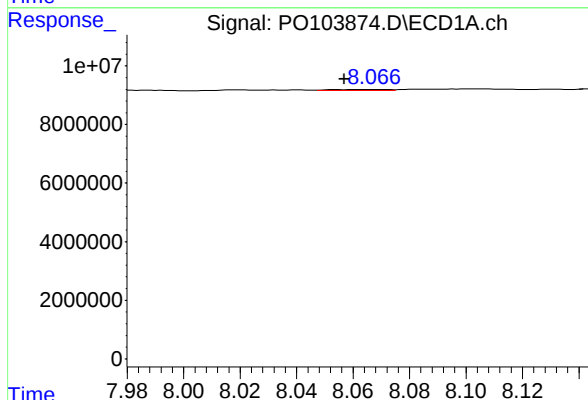
R.T.: 7.847 min
Delta R.T.: 0.015 min
Response: 298029
Conc: 1.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



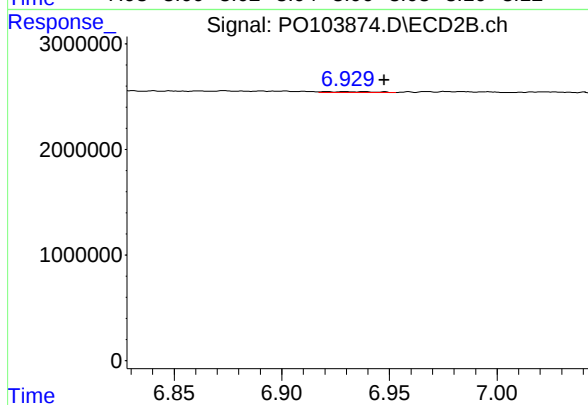
#33 AR-1260-3

R.T.: 6.464 min
Delta R.T.: -0.015 min
Response: 479982
Conc: 4.06 ng/ml



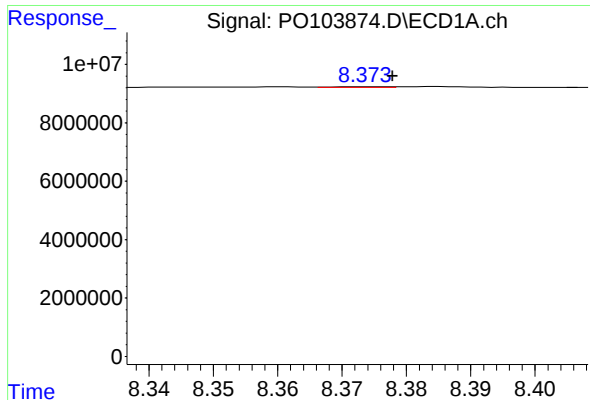
#34 AR-1260-4

R.T.: 8.067 min
Delta R.T.: 0.010 min
Response: 509983
Conc: 2.09 ng/ml



#34 AR-1260-4

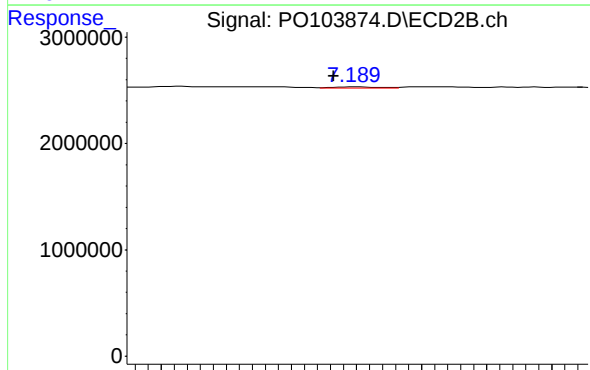
R.T.: 6.929 min
Delta R.T.: -0.018 min
Response: 128547
Conc: 1.44 ng/ml



#35 AR-1260-5

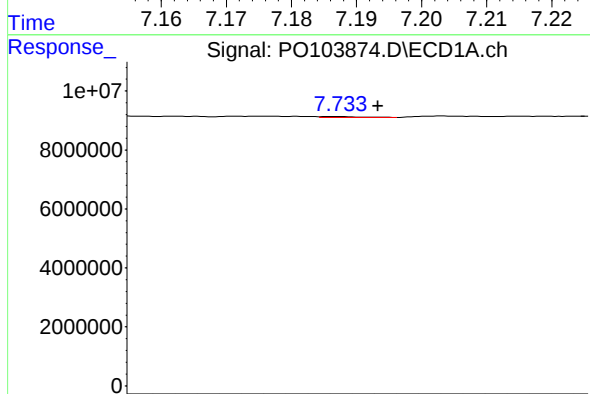
R.T.: 8.374 min
Delta R.T.: -0.004 min
Response: 165536
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



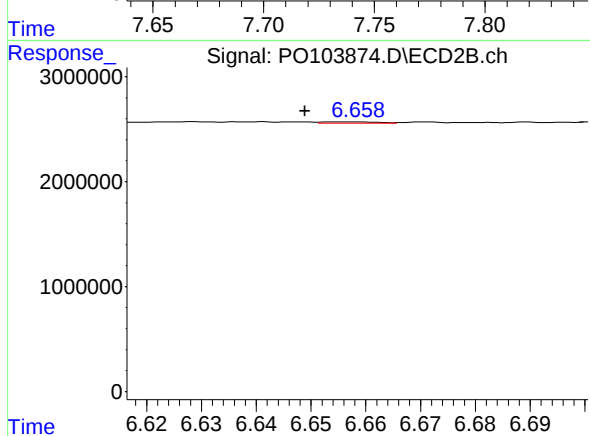
#35 AR-1260-5

R.T.: 7.190 min
Delta R.T.: 0.003 min
Response: 59854
Conc: 0.29 ng/ml



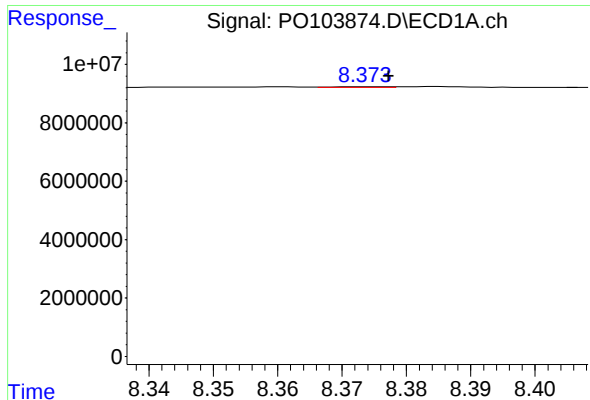
#36 AR-1262-1

R.T.: 7.734 min
Delta R.T.: -0.018 min
Response: 421913
Conc: 1.83 ng/ml



#36 AR-1262-1

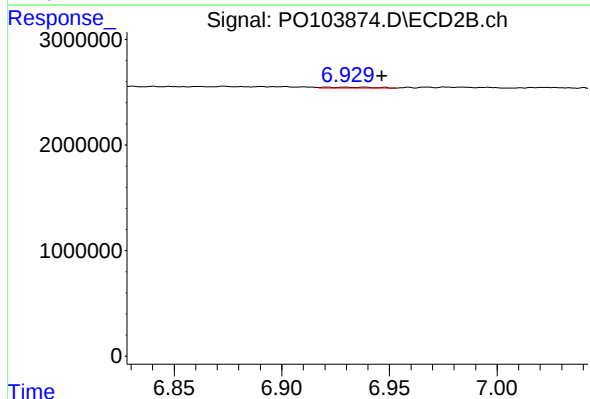
R.T.: 6.657 min
Delta R.T.: 0.008 min
Response: 77480
Conc: 1.01 ng/ml



#37 AR-1262-2

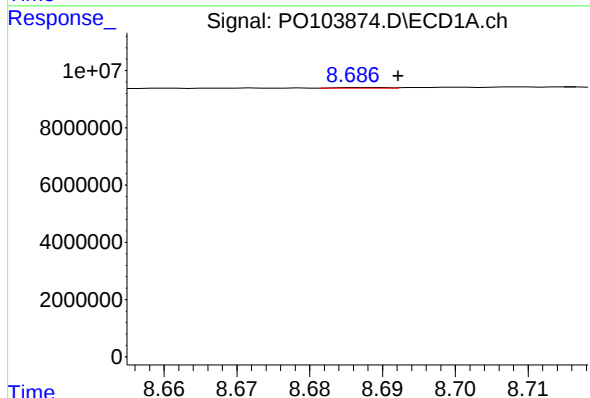
R.T.: 8.374 min
Delta R.T.: -0.003 min
Response: 165536
Conc: 0.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



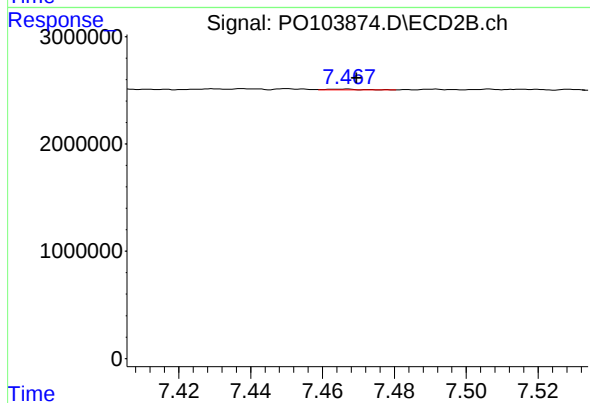
#37 AR-1262-2

R.T.: 6.929 min
Delta R.T.: -0.017 min
Response: 128547
Conc: 1.09 ng/ml



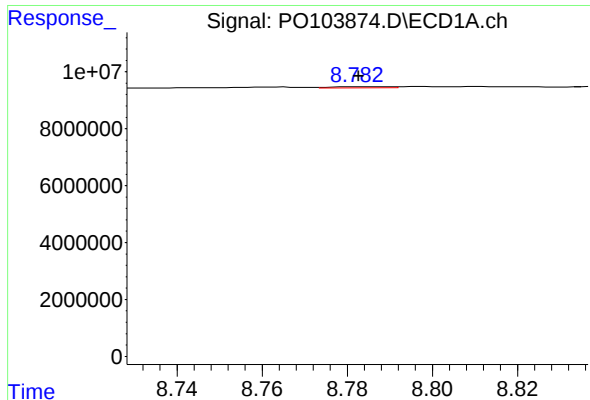
#38 AR-1262-3

R.T.: 8.687 min
Delta R.T.: -0.005 min
Response: 83591
Conc: 0.19 ng/ml



#38 AR-1262-3

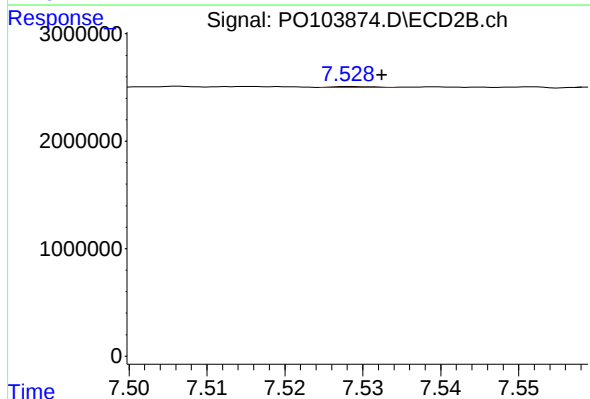
R.T.: 7.466 min
Delta R.T.: -0.003 min
Response: 52494
Conc: 0.58 ng/ml



#39 AR-1262-4

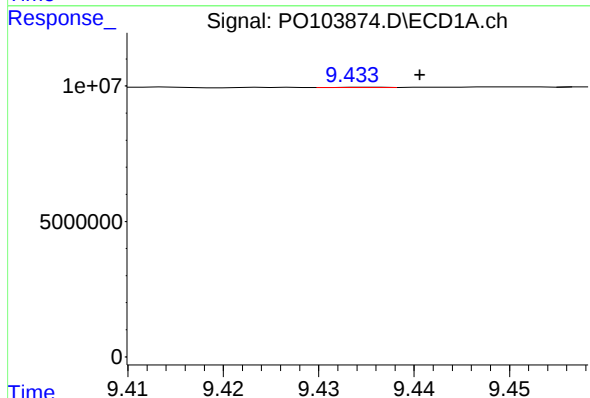
R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 346679
Conc: 1.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



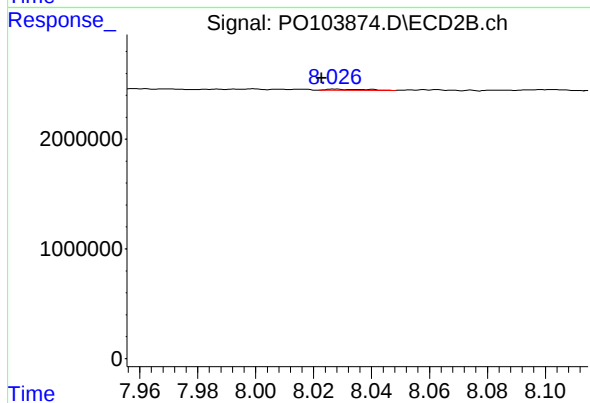
#39 AR-1262-4

R.T.: 7.529 min
Delta R.T.: -0.004 min
Response: 26127
Conc: 0.16 ng/ml



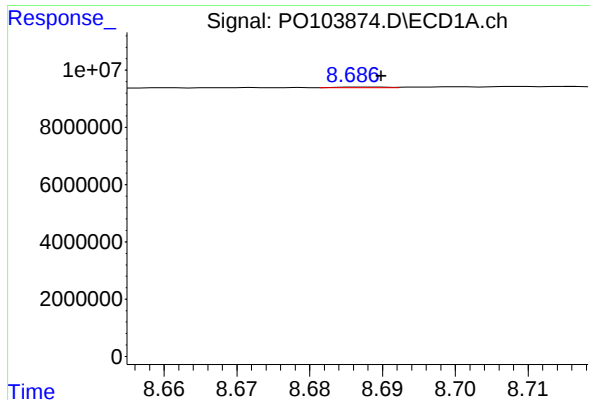
#40 AR-1262-5

R.T.: 9.434 min
Delta R.T.: -0.006 min
Response: 30656
Conc: 0.13 ng/ml



#40 AR-1262-5

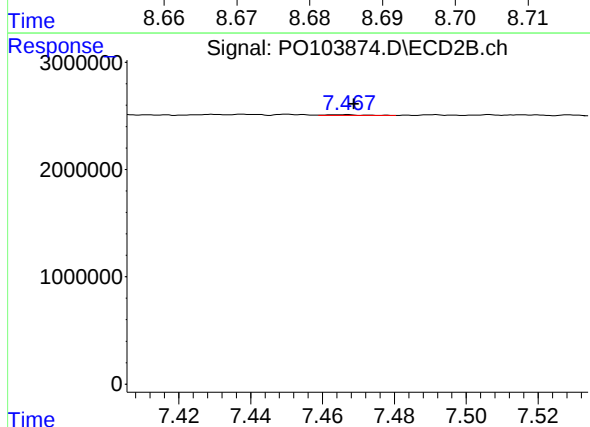
R.T.: 8.027 min
Delta R.T.: 0.005 min
Response: 107224
Conc: 1.49 ng/ml



#41 AR-1268-1

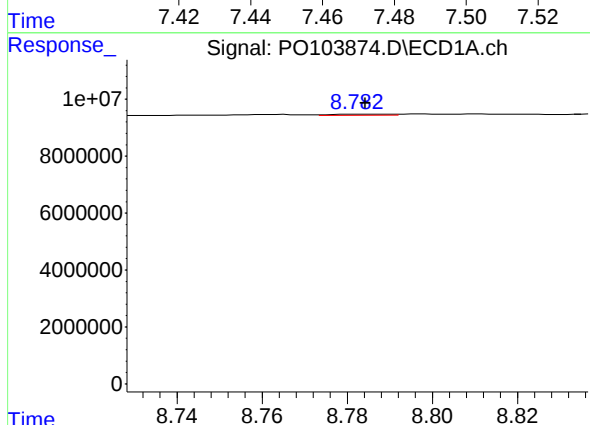
R.T.: 8.687 min
Delta R.T.: -0.003 min
Response: 83591
Conc: 0.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



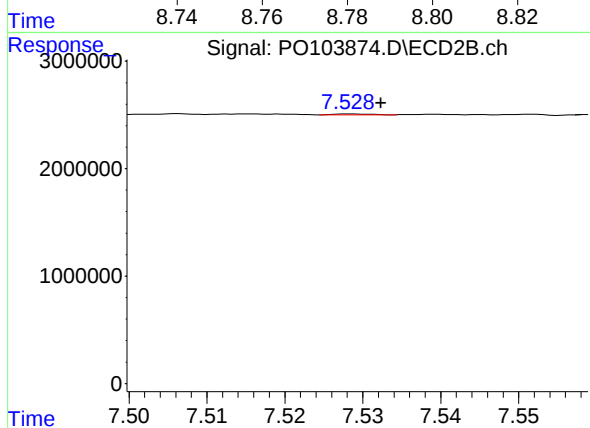
#41 AR-1268-1

R.T.: 7.466 min
Delta R.T.: -0.003 min
Response: 52494
Conc: 0.20 ng/ml



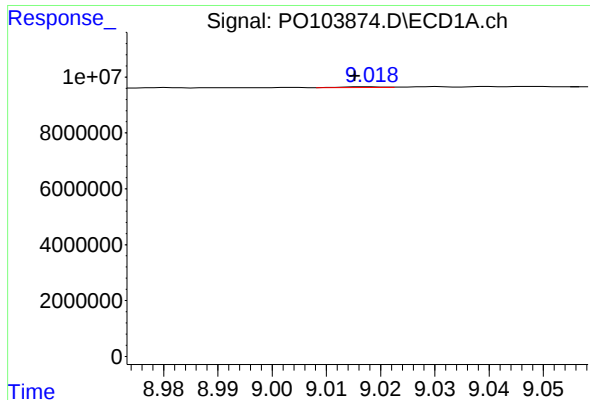
#42 AR-1268-2

R.T.: 8.783 min
Delta R.T.: -0.001 min
Response: 346679
Conc: 0.49 ng/ml



#42 AR-1268-2

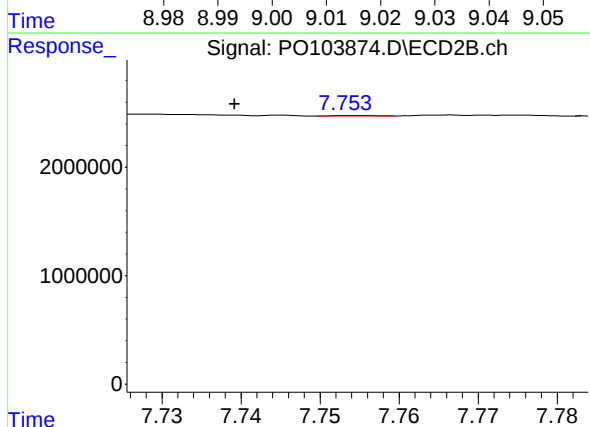
R.T.: 7.529 min
Delta R.T.: -0.004 min
Response: 26127
Conc: 0.10 ng/ml



#43 AR-1268-3

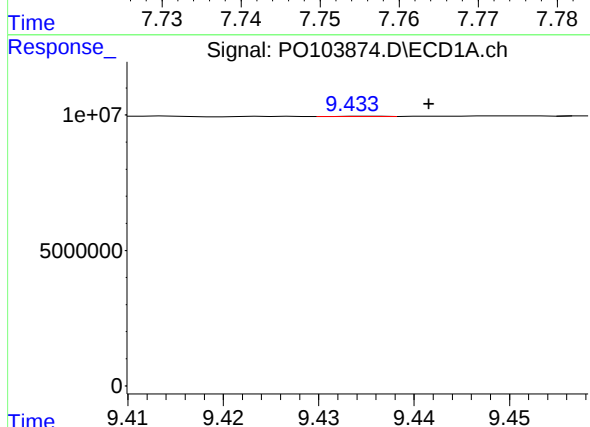
R.T.: 9.018 min
Delta R.T.: 0.003 min
Response: 113433
Conc: 0.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



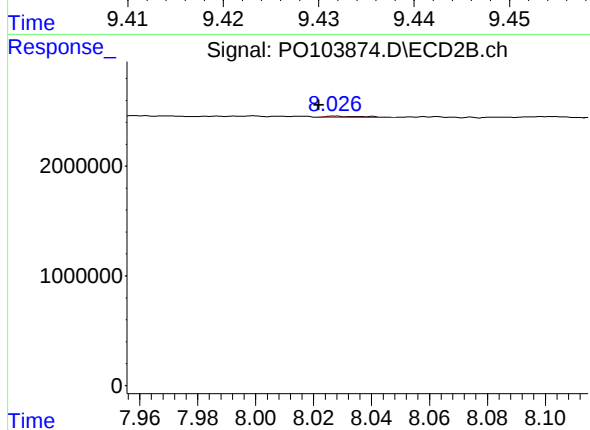
#43 AR-1268-3

R.T.: 7.754 min
Delta R.T.: 0.015 min
Response: 24459
Conc: 0.12 ng/ml



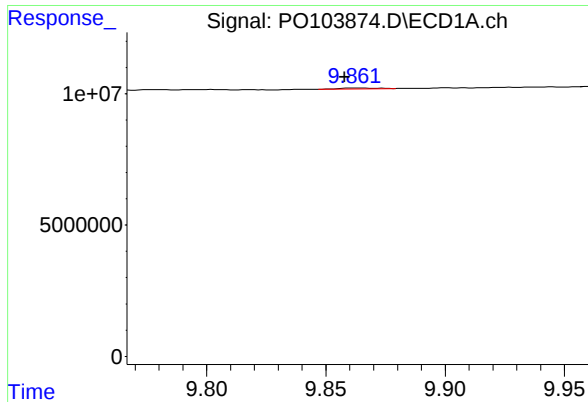
#44 AR-1268-4

R.T.: 9.434 min
Delta R.T.: -0.007 min
Response: 30656
Conc: 0.12 ng/ml



#44 AR-1268-4

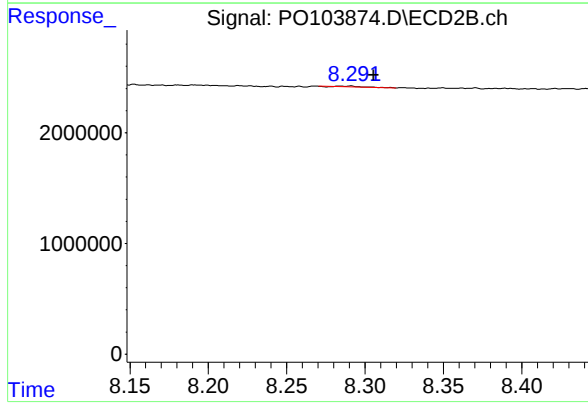
R.T.: 8.027 min
Delta R.T.: 0.006 min
Response: 107224
Conc: 1.36 ng/ml



#45 AR-1268-5

R.T.: 9.862 min
Delta R.T.: 0.004 min
Response: 443991
Conc: 0.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.291 min
Delta R.T.: -0.015 min
Response: 93152
Conc: 0.17 ng/ml