

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062724\
 Data File : P0104504.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2024 15:11
 Operator : YP/AJ
 Sample : P3071-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 509

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 00:17:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062024.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 21 04:29:14 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...	4.406	3.547	165.1E6	29455695	20.780	19.625
2) SA Decachlor...	10.117	8.468	78742507	45679214	14.656	14.233
Target Compounds						
3) L1 AR-1016-1	5.566	4.623	28239808	9850375	104.551	227.942 #
4) L1 AR-1016-2	5.589	4.623	22929325	9850375	60.977	135.675 #
5) L1 AR-1016-3	5.651	4.796	18246877	2047294	75.283	50.694 #
6) L1 AR-1016-4	5.749	4.842	12790704	1252526	65.841	53.888
7) L1 AR-1016-5	6.043	5.045	7099744	697153	36.925	19.278 #
8) L2 AR-1221-1	4.609	3.755	5185527	422441	49.454	23.474 #
9) L2 AR-1221-2	4.699	3.839	6122614	1739758	76.122	109.052 #
10) L2 AR-1221-3	4.773	3.913	20788020	3965832	91.691	83.533
11) L3 AR-1232-1	4.773	3.913	20788020	3965832	106.114	99.394
12) L3 AR-1232-2	5.300	4.623	31010442	9850375	269.059	266.537
13) L3 AR-1232-3	5.589	4.796	22929325	2047294	120.790	101.896
14) L3 AR-1232-4	5.749	4.882	12790704	625028	134.345	44.749 #
15) L3 AR-1232-5	5.840	5.045	8169339	697153	111.421	39.873 #
16) L4 AR-1242-1	5.566	4.623	28239808	9850375	122.739	268.577 #
17) L4 AR-1242-2	5.589	4.623	22929325	9850375	70.909	159.810 #
18) L4 AR-1242-3	5.651	4.796	18246877	2047294	86.682	59.801 #
19) L4 AR-1242-4	5.749	4.882	12790704	625028	75.507	23.015 #
20) L4 AR-1242-5	6.468	5.395	6362845	831985	36.477	22.517 #
21) L5 AR-1248-1	5.566	4.623	28239808	9850375	160.953	348.698 #
22) L5 AR-1248-2	5.840	4.842	8169339	1252526	33.628	36.640
23) L5 AR-1248-3	6.043	4.882	7099744	625028	27.430	16.117 #
24) L5 AR-1248-4	6.448	5.045	3844801	697153	13.190	13.629
25) L5 AR-1248-5	6.468	5.437	6362845	1420186	22.413	24.504
26) L6 AR-1254-1	6.417	5.395	3523194	831985	11.835	11.910
27) L6 AR-1254-2	6.641	5.542	4840720	218654	10.934	3.501 #
28) L6 AR-1254-3	7.006	5.959	1777060	616082	3.942	5.136 #
29) L6 AR-1254-4	7.290	6.152	436087	49236	1.309	0.614 #
30) L6 AR-1254-5	7.707	6.582	791754	154178	2.289	1.323 #
31) L7 AR-1260-1	7.174	6.078	746961	183418	2.193	2.615
32) L7 AR-1260-2	7.435	6.254	1210687	30910	3.101	0.330 #
33) L7 AR-1260-3	7.778	6.421	199528	1046779	0.689	11.460 #
34) L7 AR-1260-4	7.991	6.859	710809	194471	2.215	2.398
35) L7 AR-1260-5	8.321	7.099	156171	378834	0.248	1.346 #
36) L8 AR-1262-1	7.707	6.582	791754	154178	2.776	2.337
37) L8 AR-1262-2	8.321	6.859	156171	194471	0.213	1.764 #
38) L8 AR-1262-3	8.619	7.395	160041	511847	0.320	3.283 #
39) L8 AR-1262-4	8.711	7.456	539863	116299	1.420	0.434 #
40) L8 AR-1262-5	9.357	7.954	53307	40890	0.200	0.268 #
41) L9 AR-1268-1	8.619	7.395	160041	511847	0.196	1.186 #

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Integration File signal 1: autoint1.e
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 Quant Time: Jun 28 00:17:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062024.M
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 Response via : Initial Calibration
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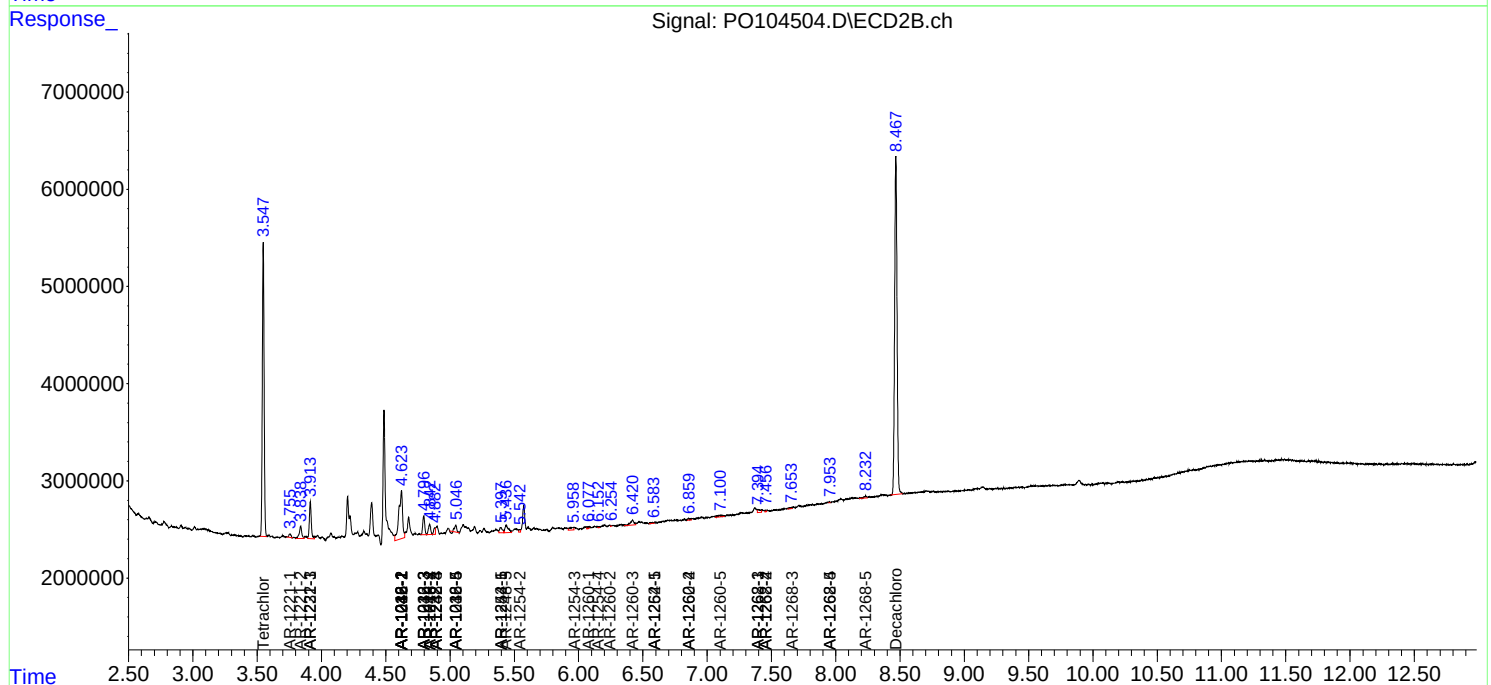
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

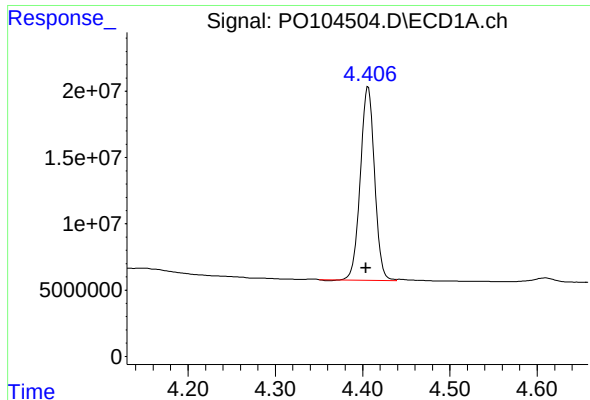
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.711	7.456	539863	116299	0.724	0.269 #
43) L9	AR-1268-3	8.941	7.655	33323	136536	0.054	0.352 #
44) L9	AR-1268-4	9.357	7.954	53307	40890	0.192	0.255 #
45) L9	AR-1268-5	9.782	8.233	431332	270242	0.214	0.222

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

Instrument :
ECD_O
ClientSampleId :
509

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

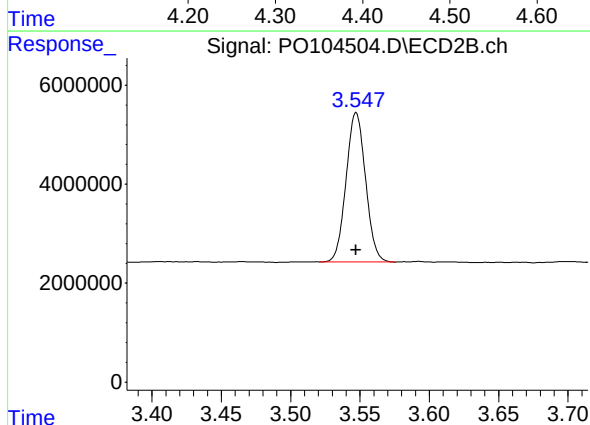




#1 Tetrachloro-m-xylene

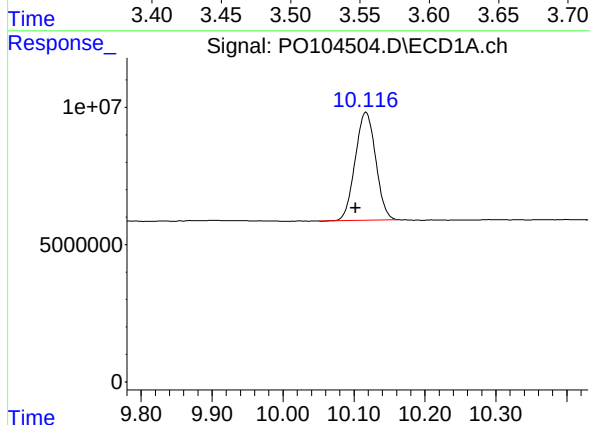
R.T.: 4.406 min
Delta R.T.: 0.002 min
Response: 165065662
Conc: 20.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



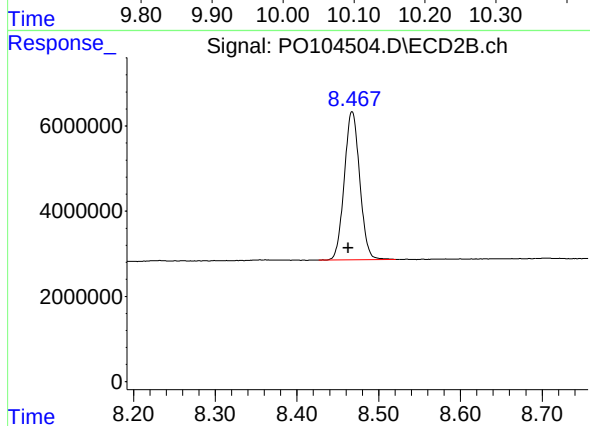
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 29455695
Conc: 19.63 ng/ml



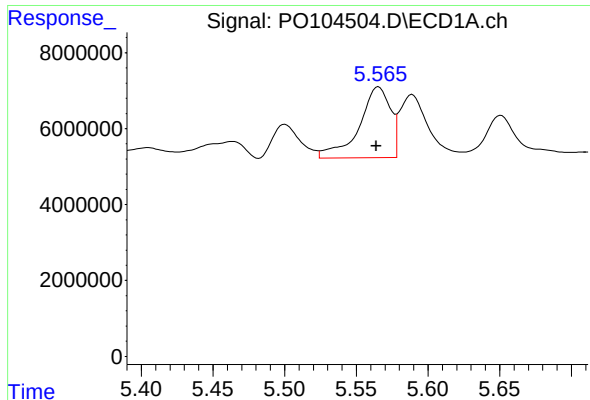
#2 Decachlorobiphenyl

R.T.: 10.117 min
Delta R.T.: 0.014 min
Response: 78742507
Conc: 14.66 ng/ml



#2 Decachlorobiphenyl

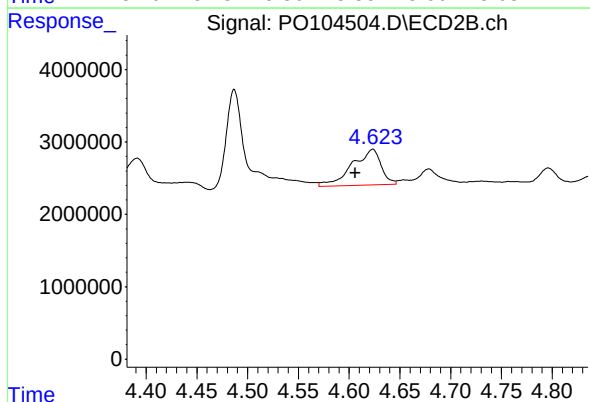
R.T.: 8.468 min
Delta R.T.: 0.005 min
Response: 45679214
Conc: 14.23 ng/ml



#3 AR-1016-1

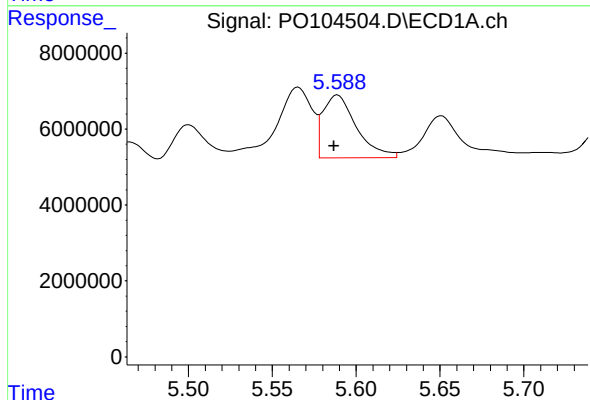
R.T.: 5.566 min
Delta R.T.: 0.002 min
Response: 28239808
Conc: 104.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



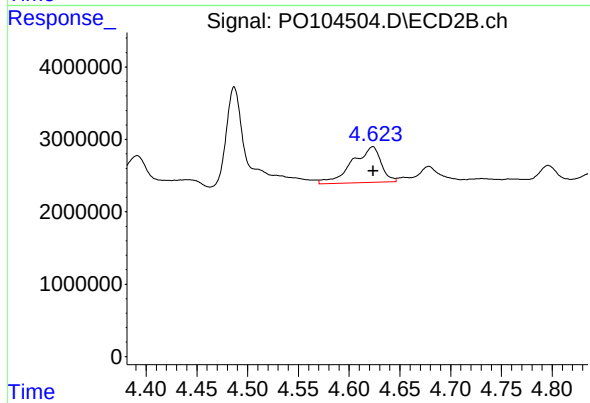
#3 AR-1016-1

R.T.: 4.623 min
Delta R.T.: 0.017 min
Response: 9850375
Conc: 227.94 ng/ml



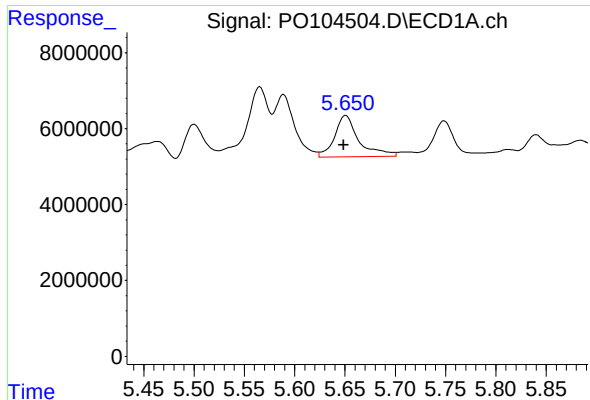
#4 AR-1016-2

R.T.: 5.589 min
Delta R.T.: 0.002 min
Response: 22929325
Conc: 60.98 ng/ml



#4 AR-1016-2

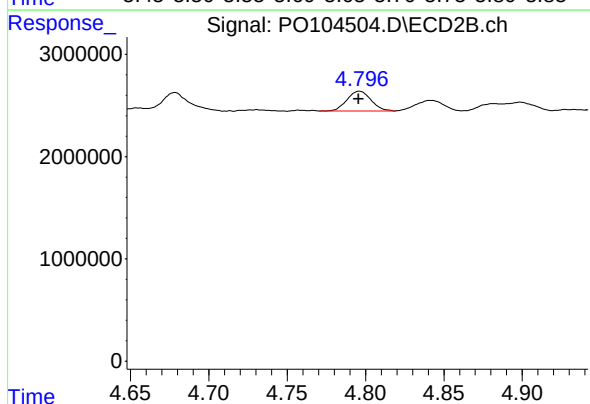
R.T.: 4.623 min
Delta R.T.: 0.000 min
Response: 9850375
Conc: 135.68 ng/ml



#5 AR-1016-3

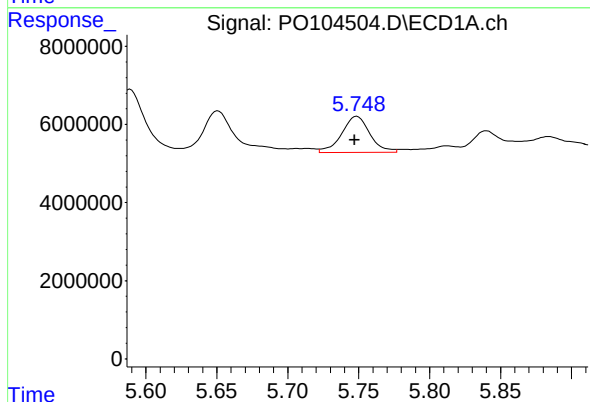
R.T.: 5.651 min
Delta R.T.: 0.002 min
Response: 18246877
Conc: 75.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



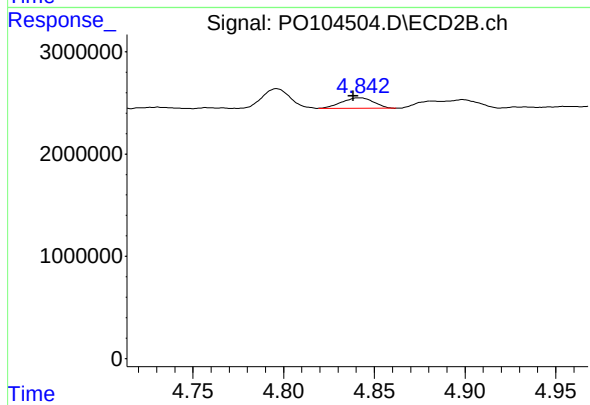
#5 AR-1016-3

R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 2047294
Conc: 50.69 ng/ml



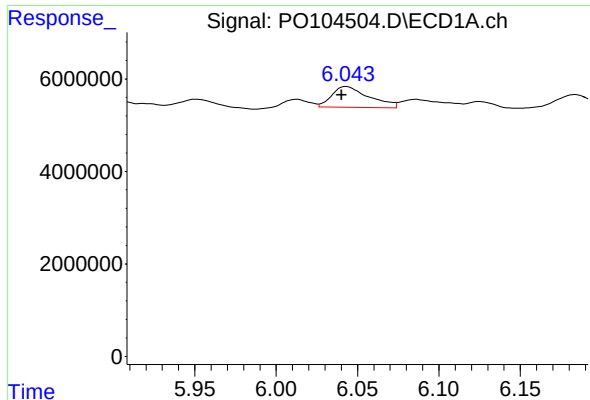
#6 AR-1016-4

R.T.: 5.749 min
Delta R.T.: 0.002 min
Response: 12790704
Conc: 65.84 ng/ml



#6 AR-1016-4

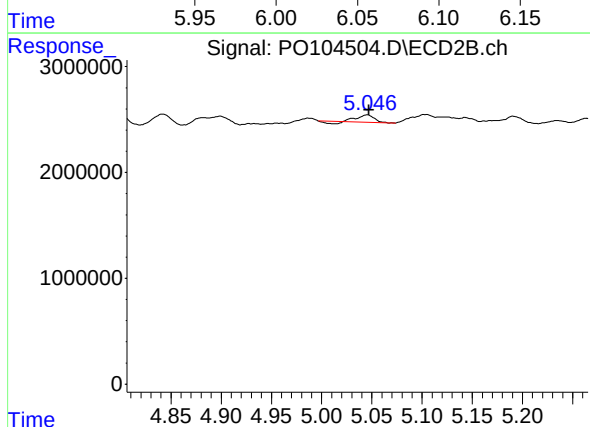
R.T.: 4.842 min
Delta R.T.: 0.004 min
Response: 1252526
Conc: 53.89 ng/ml



#7 AR-1016-5

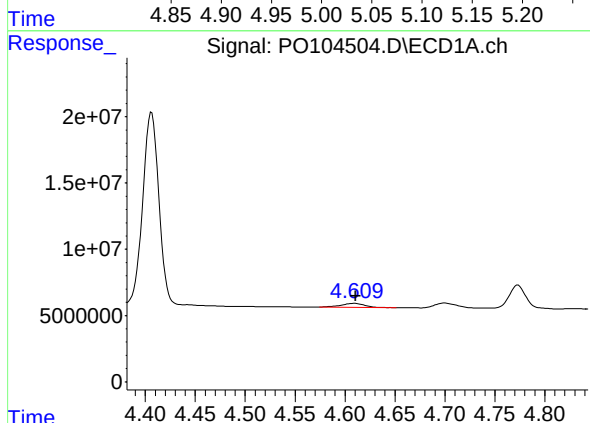
R.T.: 6.043 min
Delta R.T.: 0.003 min
Response: 7099744
Conc: 36.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



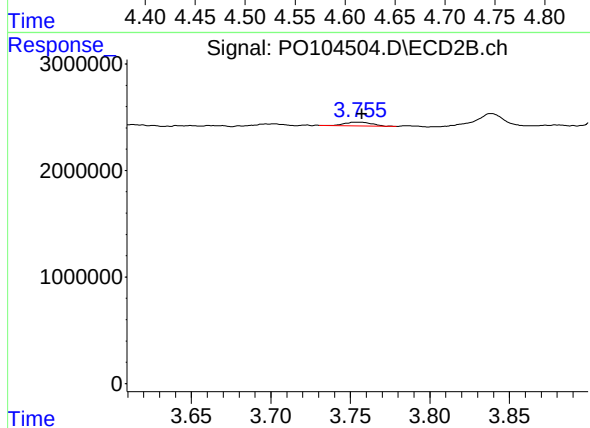
#7 AR-1016-5

R.T.: 5.045 min
Delta R.T.: -0.002 min
Response: 697153
Conc: 19.28 ng/ml



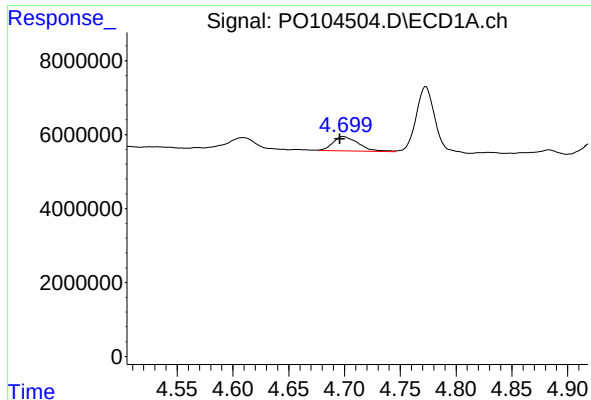
#8 AR-1221-1

R.T.: 4.609 min
Delta R.T.: -0.001 min
Response: 5185527
Conc: 49.45 ng/ml



#8 AR-1221-1

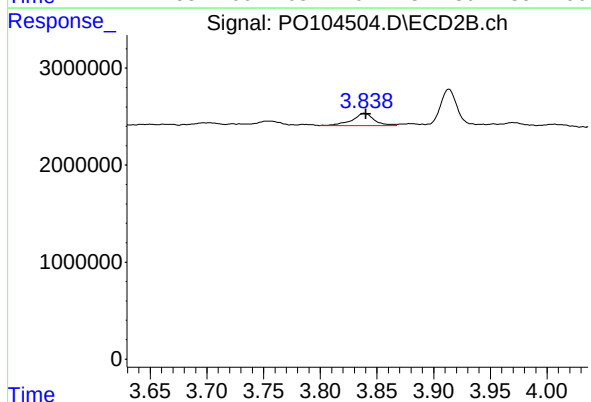
R.T.: 3.755 min
Delta R.T.: -0.002 min
Response: 422441
Conc: 23.47 ng/ml



#9 AR-1221-2

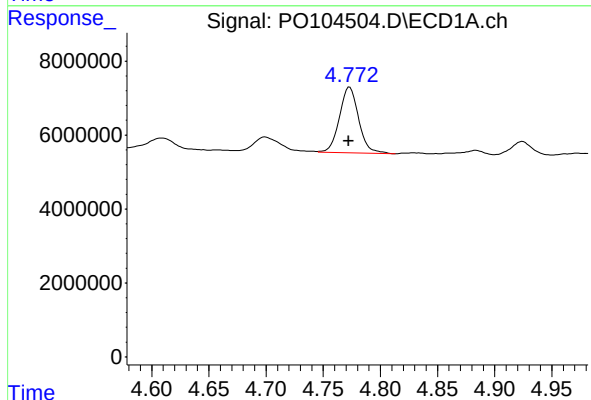
R.T.: 4.699 min
Delta R.T.: 0.003 min
Response: 6122614
Conc: 76.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



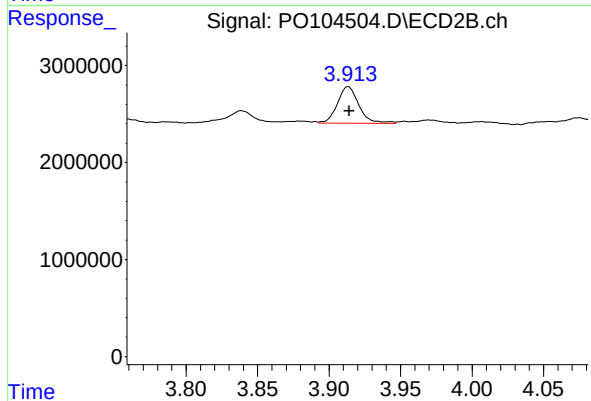
#9 AR-1221-2

R.T.: 3.839 min
Delta R.T.: -0.002 min
Response: 1739758
Conc: 109.05 ng/ml



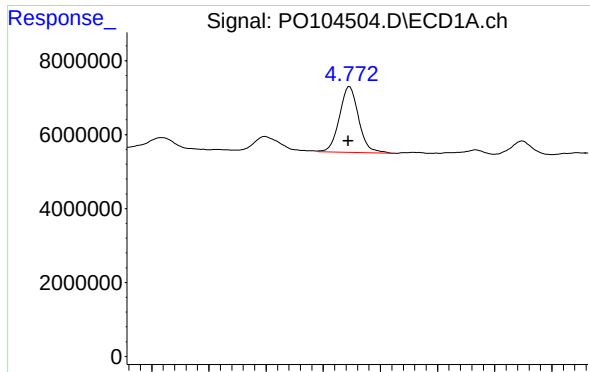
#10 AR-1221-3

R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 20788020
Conc: 91.69 ng/ml



#10 AR-1221-3

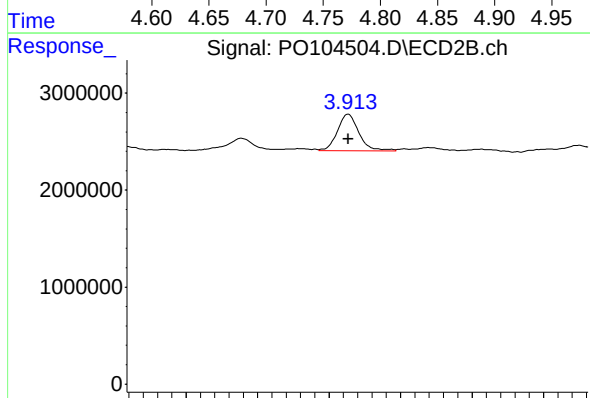
R.T.: 3.913 min
Delta R.T.: -0.001 min
Response: 3965832
Conc: 83.53 ng/ml



#11 AR-1232-1

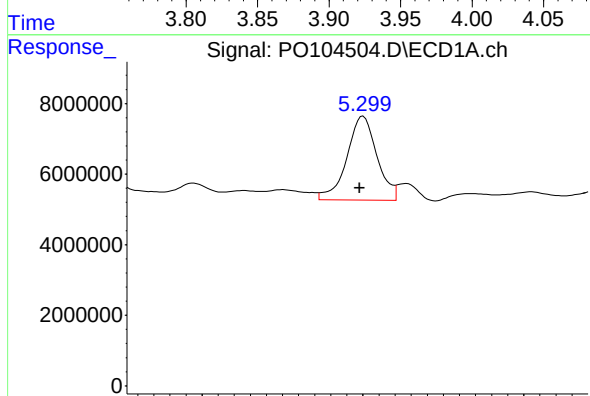
R.T.: 4.773 min
Delta R.T.: 0.001 min
Response: 20788020
Conc: 106.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



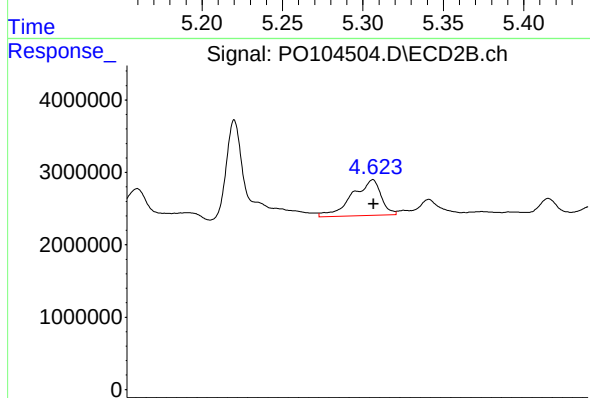
#11 AR-1232-1

R.T.: 3.913 min
Delta R.T.: 0.000 min
Response: 3965832
Conc: 99.39 ng/ml



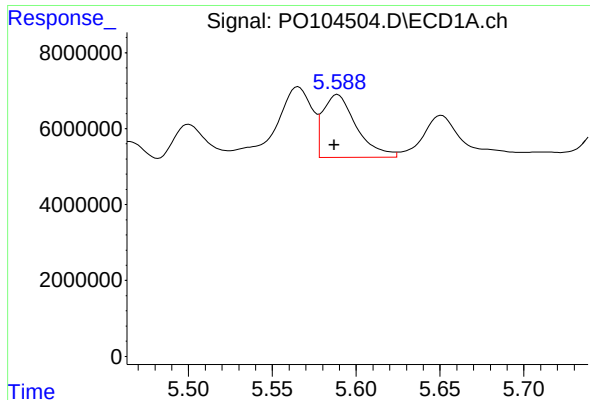
#12 AR-1232-2

R.T.: 5.300 min
Delta R.T.: 0.002 min
Response: 31010442
Conc: 269.06 ng/ml



#12 AR-1232-2

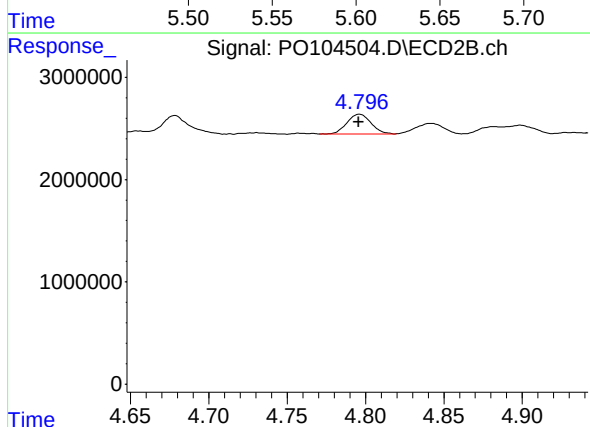
R.T.: 4.623 min
Delta R.T.: 0.000 min
Response: 9850375
Conc: 266.54 ng/ml



#13 AR-1232-3

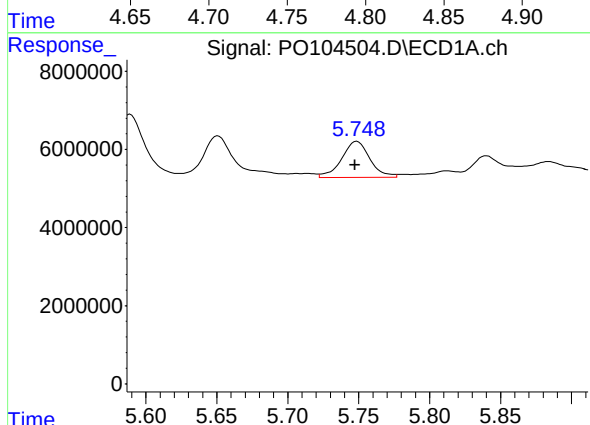
R.T.: 5.589 min
Delta R.T.: 0.002 min
Response: 22929325
Conc: 120.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



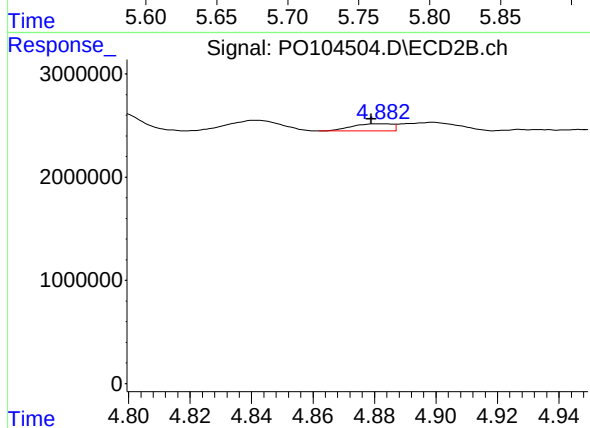
#13 AR-1232-3

R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 2047294
Conc: 101.90 ng/ml



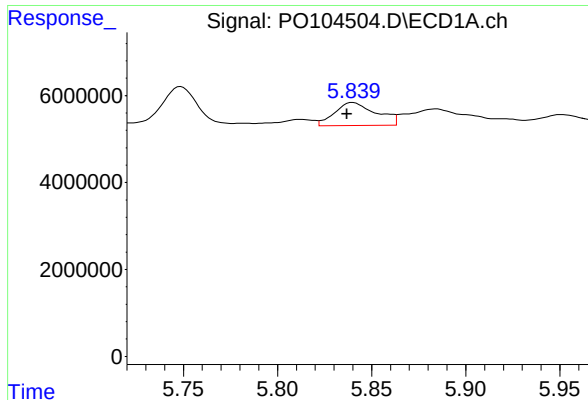
#14 AR-1232-4

R.T.: 5.749 min
Delta R.T.: 0.001 min
Response: 12790704
Conc: 134.35 ng/ml



#14 AR-1232-4

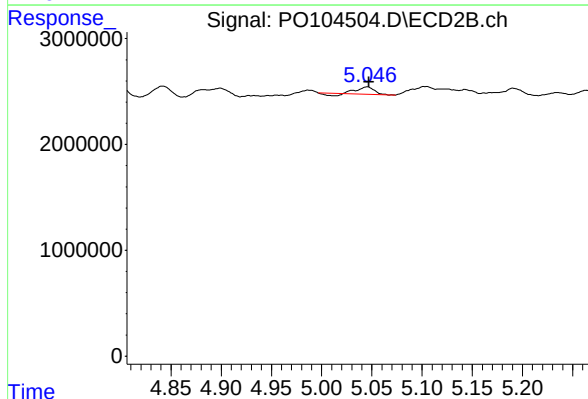
R.T.: 4.882 min
Delta R.T.: 0.003 min
Response: 625028
Conc: 44.75 ng/ml



#15 AR-1232-5

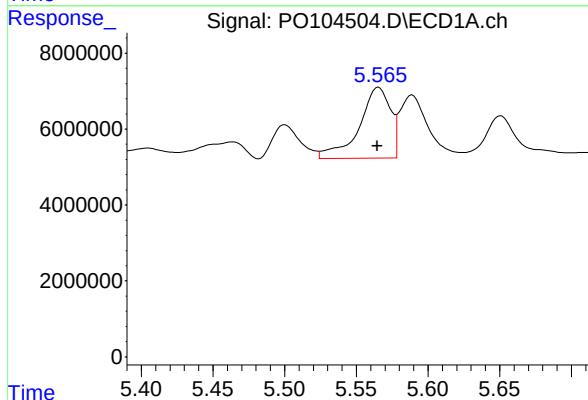
R.T.: 5.840 min
Delta R.T.: 0.003 min
Response: 8169339
Conc: 111.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



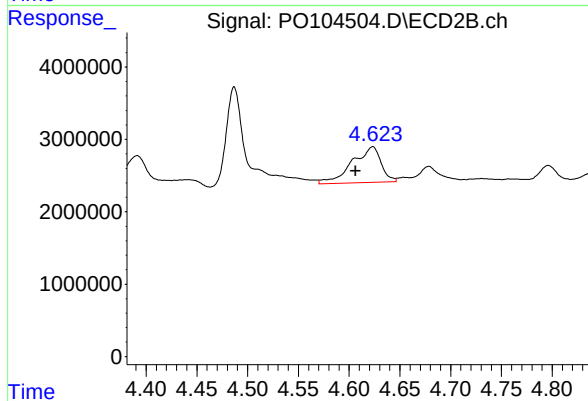
#15 AR-1232-5

R.T.: 5.045 min
Delta R.T.: -0.002 min
Response: 697153
Conc: 39.87 ng/ml



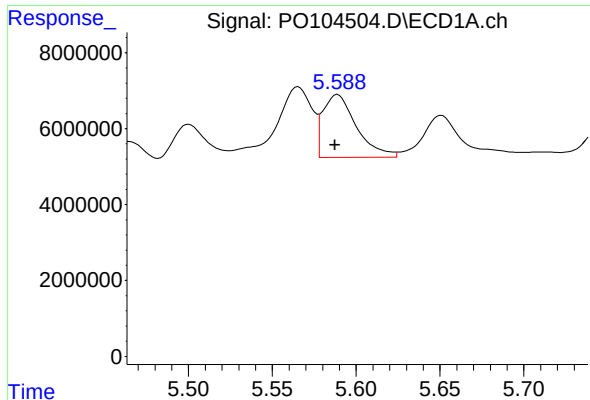
#16 AR-1242-1

R.T.: 5.566 min
Delta R.T.: 0.001 min
Response: 28239808
Conc: 122.74 ng/ml



#16 AR-1242-1

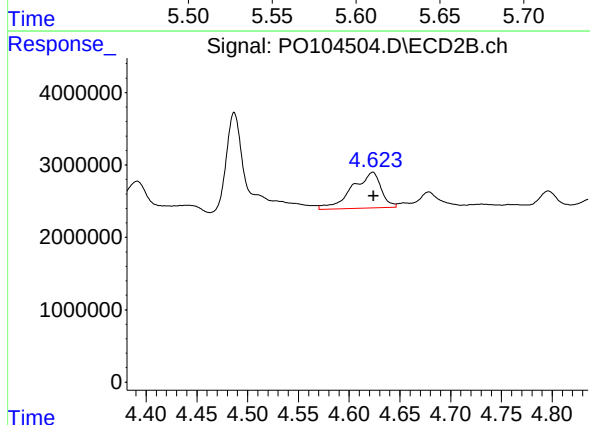
R.T.: 4.623 min
Delta R.T.: 0.017 min
Response: 9850375
Conc: 268.58 ng/ml



#17 AR-1242-2

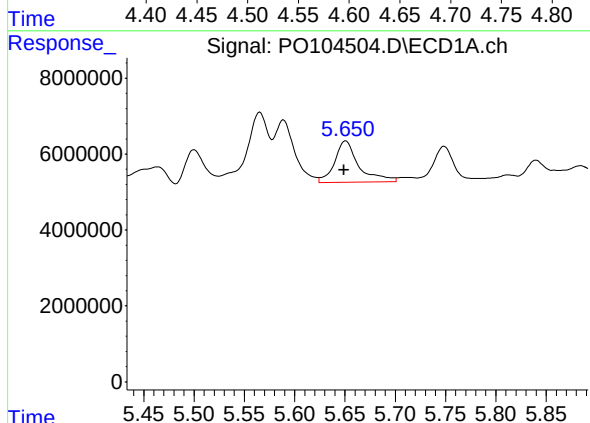
R.T.: 5.589 min
Delta R.T.: 0.002 min
Response: 22929325
Conc: 70.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



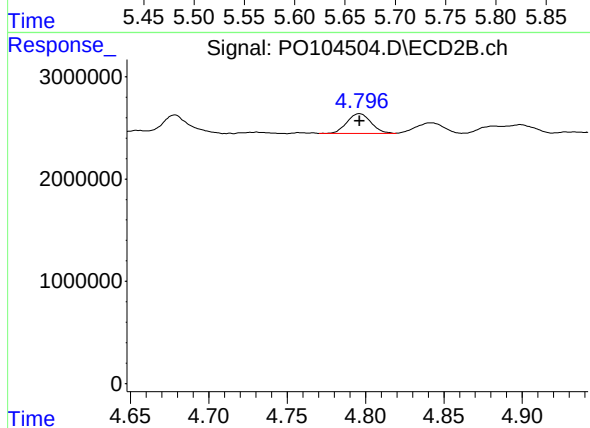
#17 AR-1242-2

R.T.: 4.623 min
Delta R.T.: 0.000 min
Response: 9850375
Conc: 159.81 ng/ml



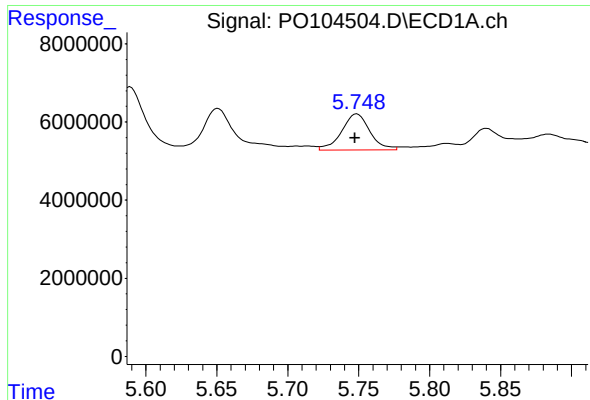
#18 AR-1242-3

R.T.: 5.651 min
Delta R.T.: 0.002 min
Response: 18246877
Conc: 86.68 ng/ml



#18 AR-1242-3

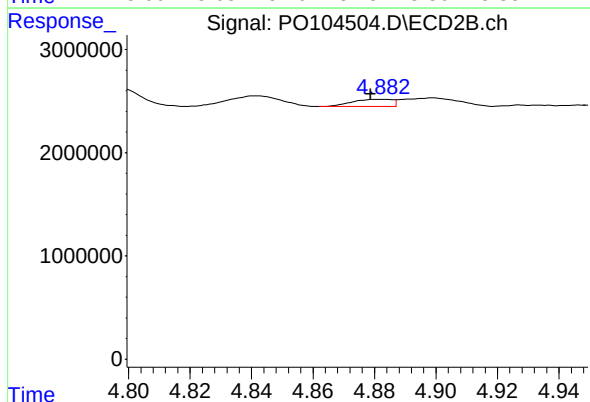
R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 2047294
Conc: 59.80 ng/ml



#19 AR-1242-4

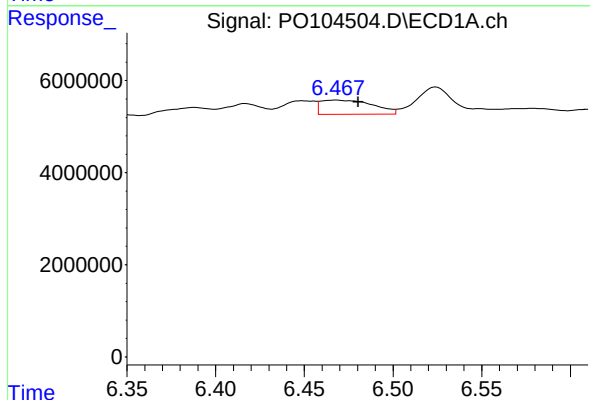
R.T.: 5.749 min
Delta R.T.: 0.001 min
Response: 12790704
Conc: 75.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



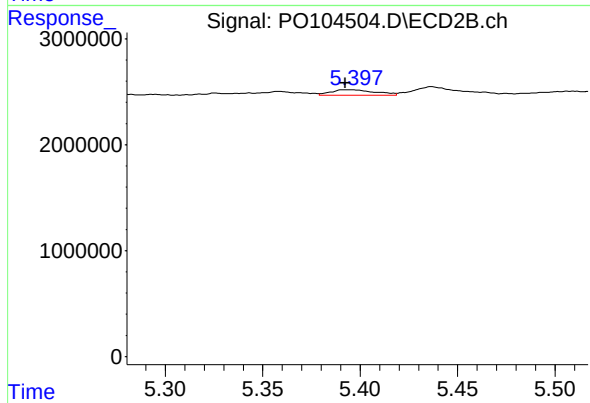
#19 AR-1242-4

R.T.: 4.882 min
Delta R.T.: 0.003 min
Response: 625028
Conc: 23.02 ng/ml



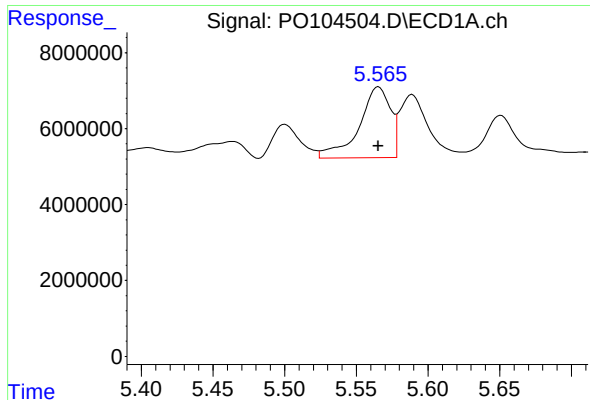
#20 AR-1242-5

R.T.: 6.468 min
Delta R.T.: -0.013 min
Response: 6362845
Conc: 36.48 ng/ml



#20 AR-1242-5

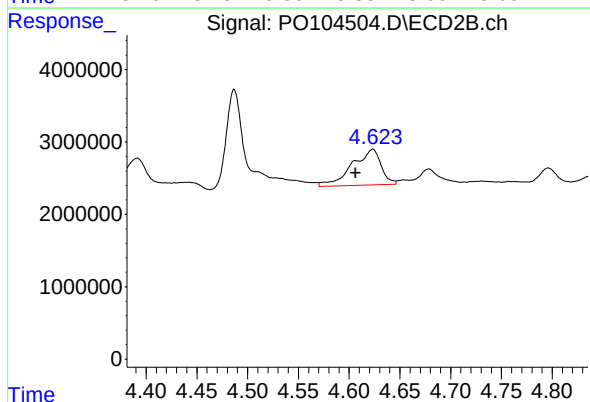
R.T.: 5.395 min
Delta R.T.: 0.003 min
Response: 831985
Conc: 22.52 ng/ml



#21 AR-1248-1

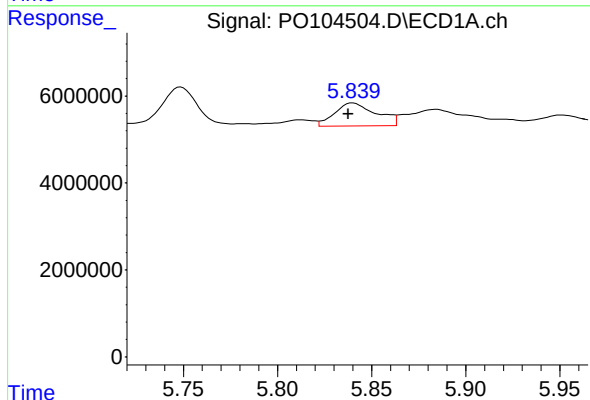
R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 28239808
Conc: 160.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



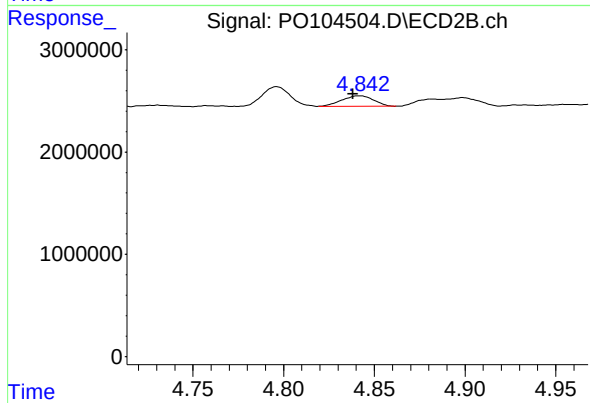
#21 AR-1248-1

R.T.: 4.623 min
Delta R.T.: 0.017 min
Response: 9850375
Conc: 348.70 ng/ml



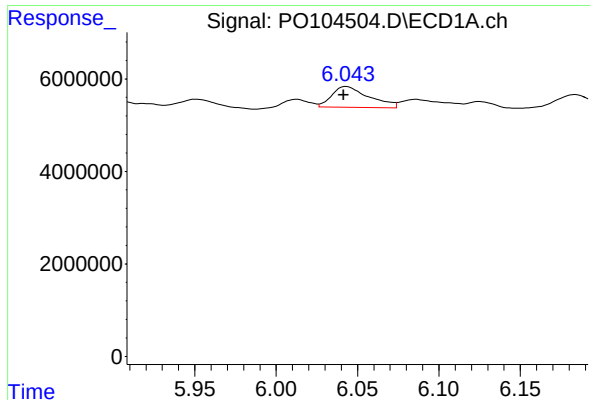
#22 AR-1248-2

R.T.: 5.840 min
Delta R.T.: 0.002 min
Response: 8169339
Conc: 33.63 ng/ml



#22 AR-1248-2

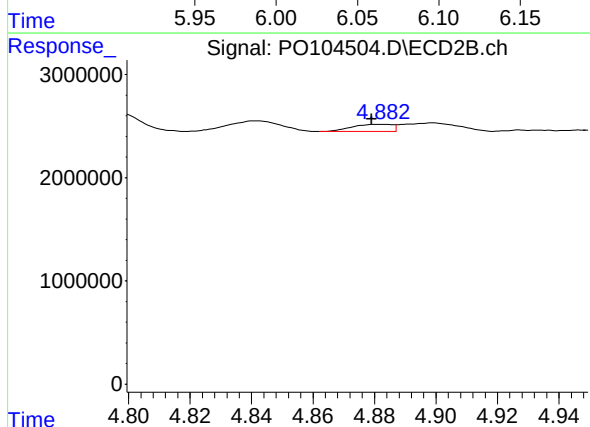
R.T.: 4.842 min
Delta R.T.: 0.004 min
Response: 1252526
Conc: 36.64 ng/ml



#23 AR-1248-3

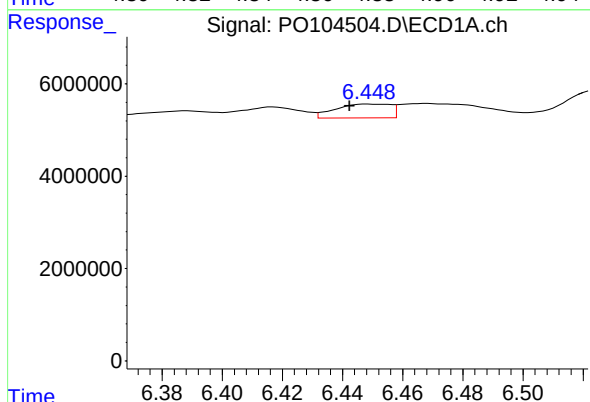
R.T.: 6.043 min
Delta R.T.: 0.002 min
Response: 7099744
Conc: 27.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



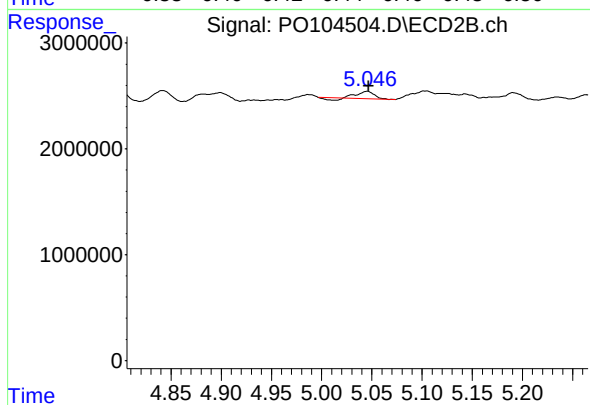
#23 AR-1248-3

R.T.: 4.882 min
Delta R.T.: 0.003 min
Response: 625028
Conc: 16.12 ng/ml



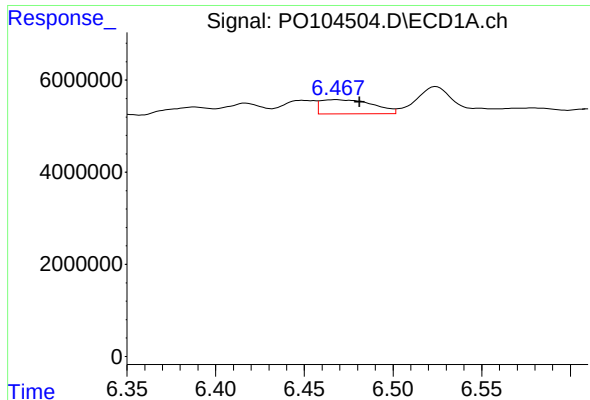
#24 AR-1248-4

R.T.: 6.448 min
Delta R.T.: 0.006 min
Response: 3844801
Conc: 13.19 ng/ml



#24 AR-1248-4

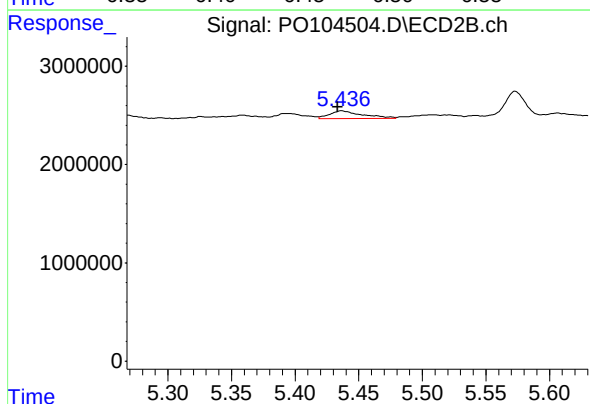
R.T.: 5.045 min
Delta R.T.: -0.001 min
Response: 697153
Conc: 13.63 ng/ml



#25 AR-1248-5

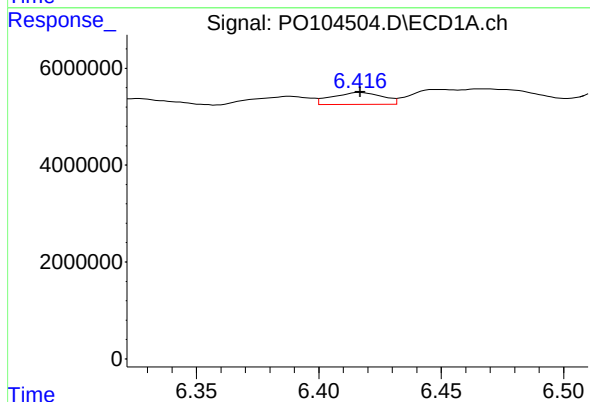
R.T.: 6.468 min
Delta R.T.: -0.014 min
Response: 6362845
Conc: 22.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



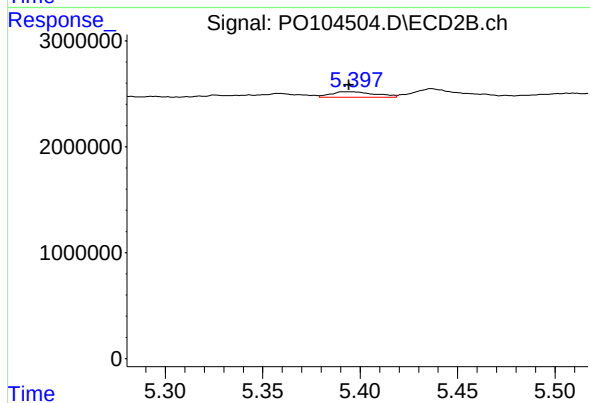
#25 AR-1248-5

R.T.: 5.437 min
Delta R.T.: 0.003 min
Response: 1420186
Conc: 24.50 ng/ml



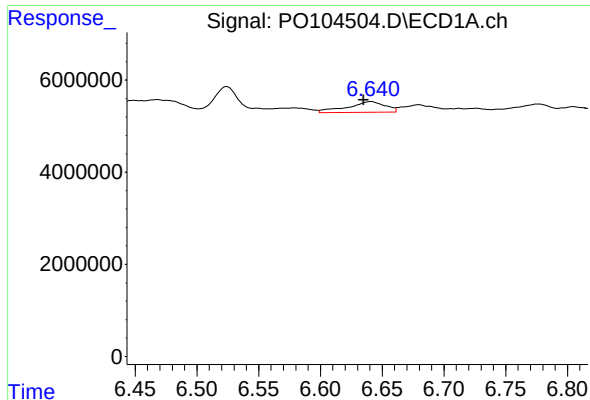
#26 AR-1254-1

R.T.: 6.417 min
Delta R.T.: 0.000 min
Response: 3523194
Conc: 11.83 ng/ml



#26 AR-1254-1

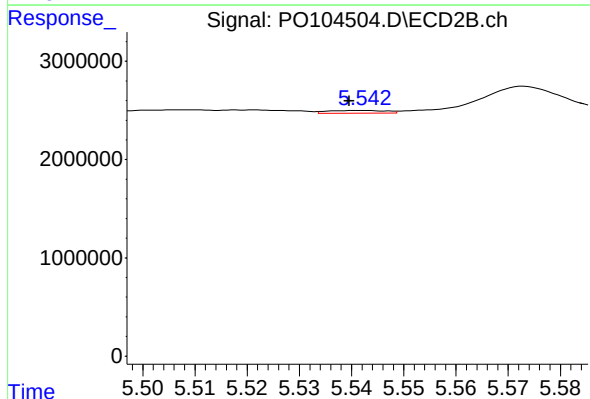
R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 831985
Conc: 11.91 ng/ml



#27 AR-1254-2

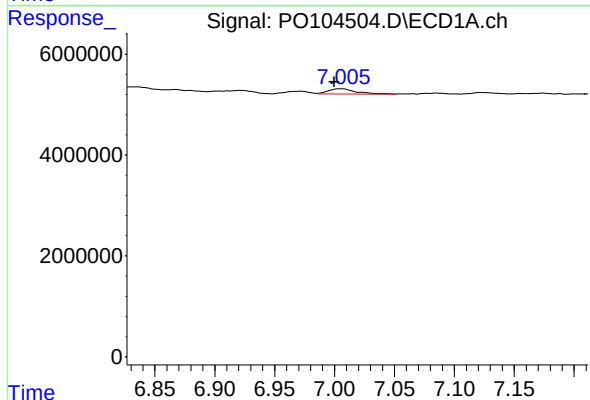
R.T.: 6.641 min
Delta R.T.: 0.006 min
Response: 4840720
Conc: 10.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



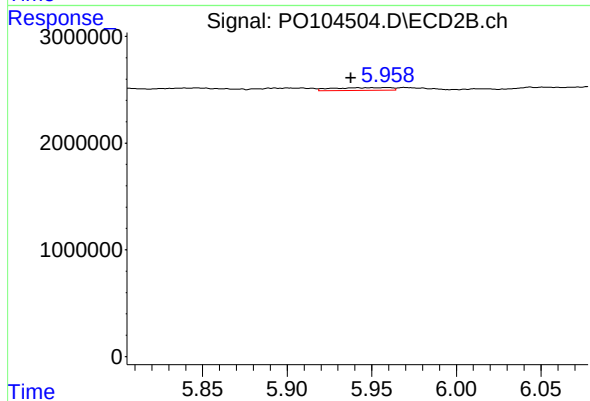
#27 AR-1254-2

R.T.: 5.542 min
Delta R.T.: 0.002 min
Response: 218654
Conc: 3.50 ng/ml



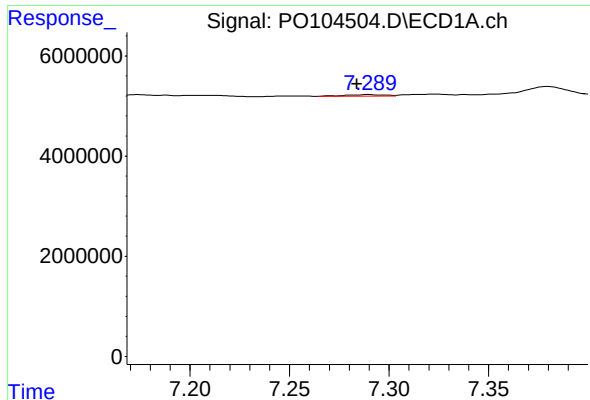
#28 AR-1254-3

R.T.: 7.006 min
Delta R.T.: 0.006 min
Response: 1777060
Conc: 3.94 ng/ml



#28 AR-1254-3

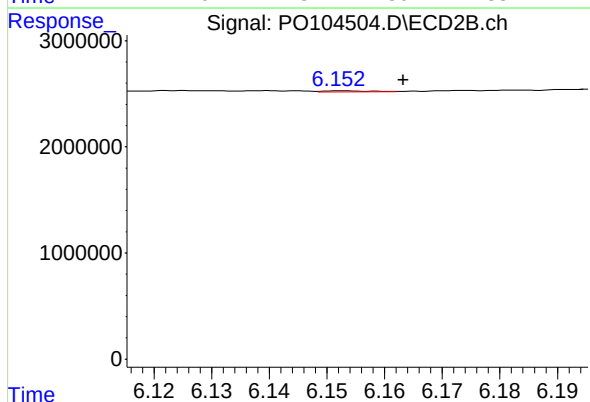
R.T.: 5.959 min
Delta R.T.: 0.021 min
Response: 616082
Conc: 5.14 ng/ml



#29 AR-1254-4

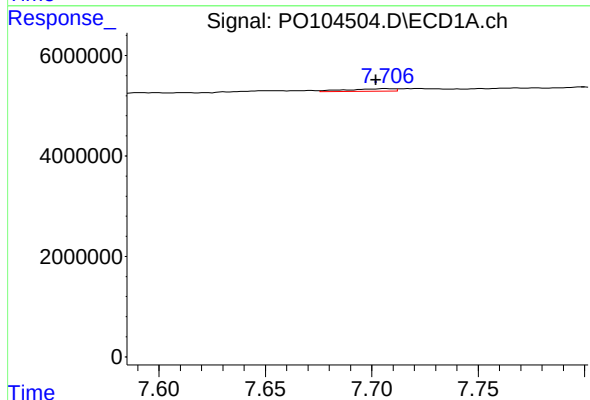
R.T.: 7.290 min
Delta R.T.: 0.006 min
Response: 436087
Conc: 1.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



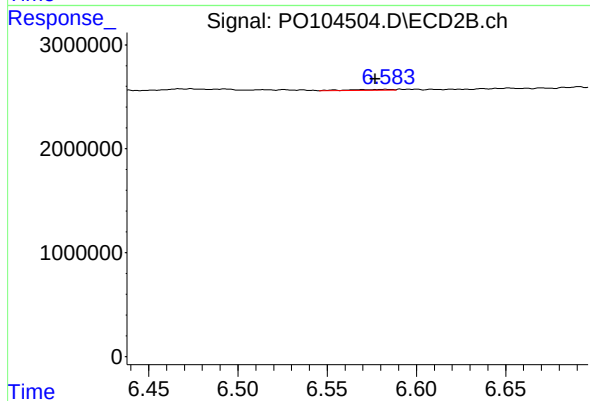
#29 AR-1254-4

R.T.: 6.152 min
Delta R.T.: -0.011 min
Response: 49236
Conc: 0.61 ng/ml



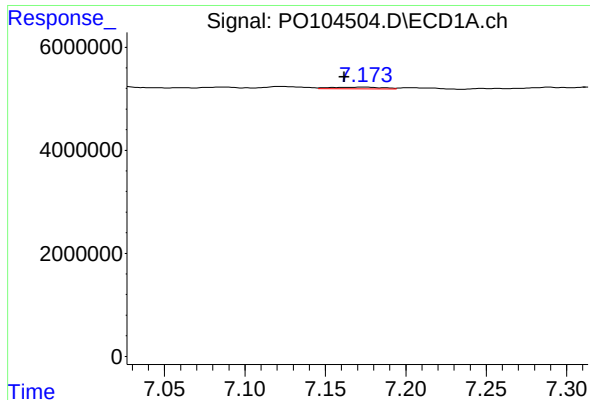
#30 AR-1254-5

R.T.: 7.707 min
Delta R.T.: 0.005 min
Response: 791754
Conc: 2.29 ng/ml



#30 AR-1254-5

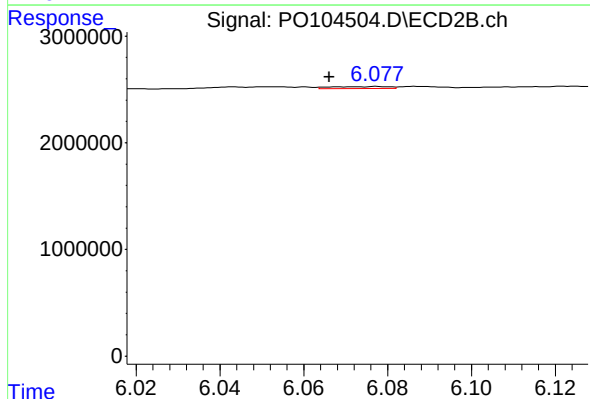
R.T.: 6.582 min
Delta R.T.: 0.005 min
Response: 154178
Conc: 1.32 ng/ml



#31 AR-1260-1

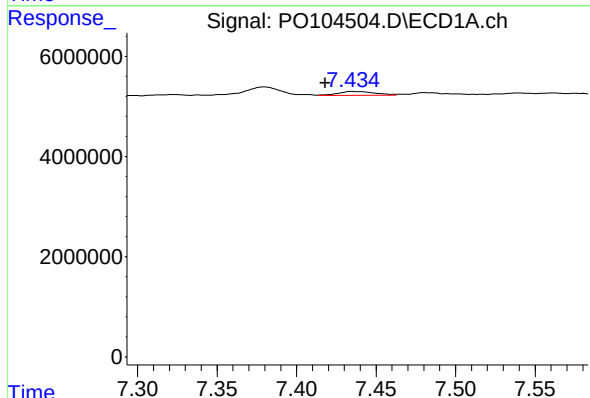
R.T.: 7.174 min
Delta R.T.: 0.012 min
Response: 746961
Conc: 2.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



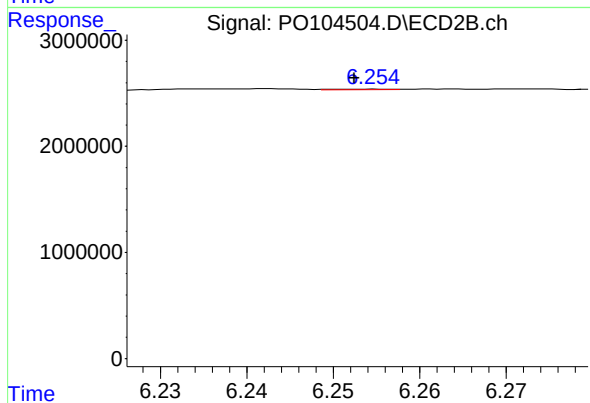
#31 AR-1260-1

R.T.: 6.078 min
Delta R.T.: 0.012 min
Response: 183418
Conc: 2.62 ng/ml



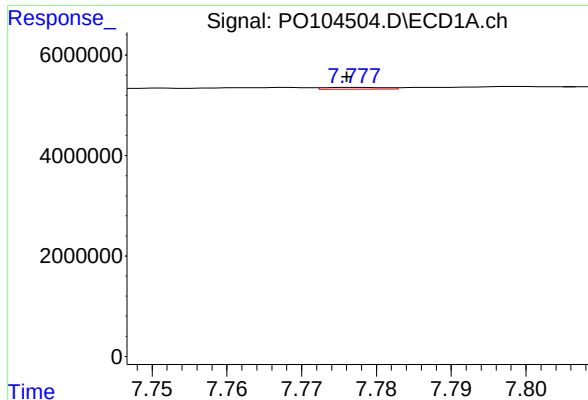
#32 AR-1260-2

R.T.: 7.435 min
Delta R.T.: 0.017 min
Response: 1210687
Conc: 3.10 ng/ml



#32 AR-1260-2

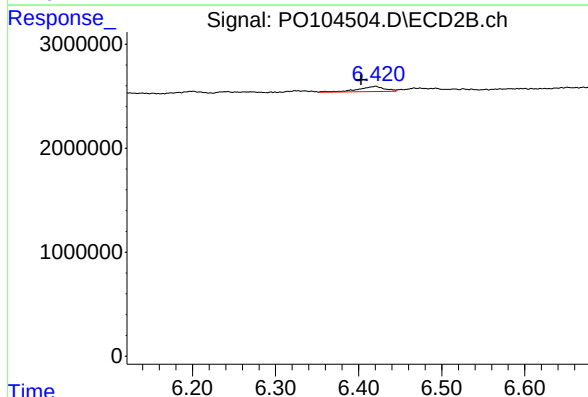
R.T.: 6.254 min
Delta R.T.: 0.001 min
Response: 30910
Conc: 0.33 ng/ml



#33 AR-1260-3

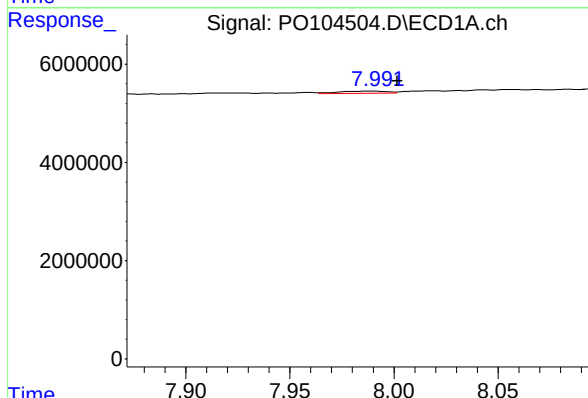
R.T.: 7.778 min
Delta R.T.: 0.002 min
Response: 199528
Conc: 0.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



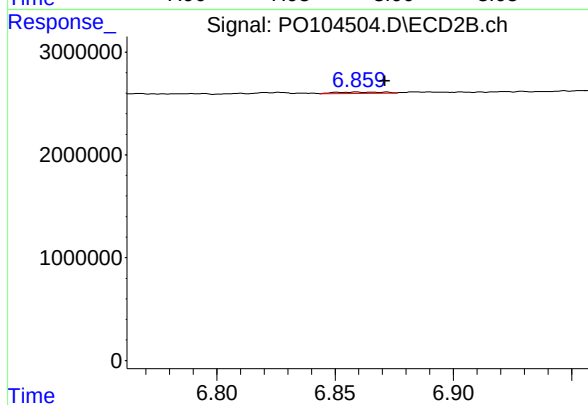
#33 AR-1260-3

R.T.: 6.421 min
Delta R.T.: 0.017 min
Response: 1046779
Conc: 11.46 ng/ml



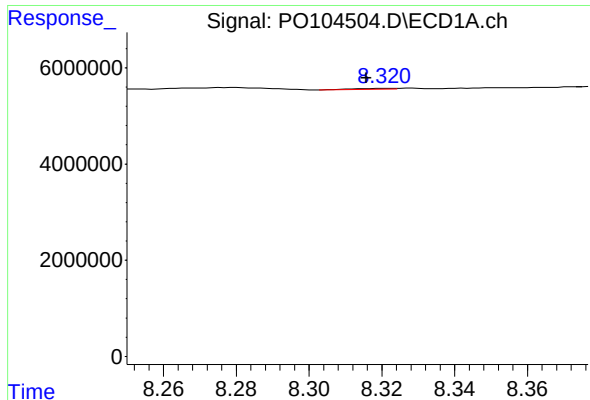
#34 AR-1260-4

R.T.: 7.991 min
Delta R.T.: -0.011 min
Response: 710809
Conc: 2.21 ng/ml



#34 AR-1260-4

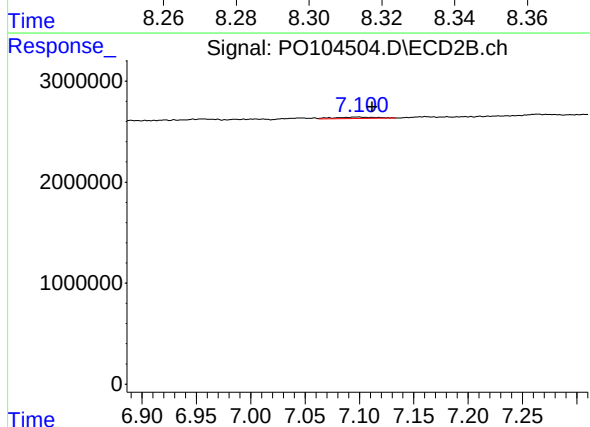
R.T.: 6.859 min
Delta R.T.: -0.012 min
Response: 194471
Conc: 2.40 ng/ml



#35 AR-1260-5

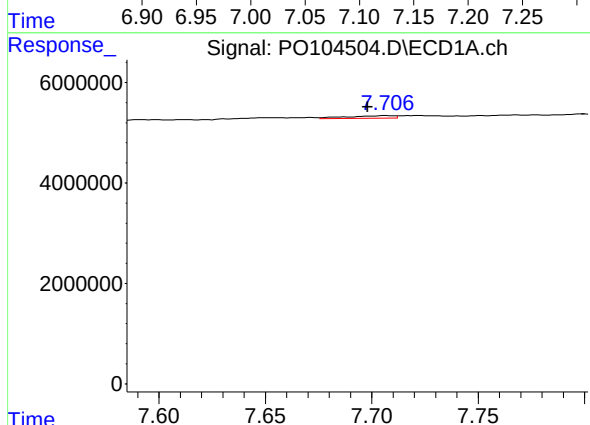
R.T.: 8.321 min
Delta R.T.: 0.005 min
Response: 156171
Conc: 0.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



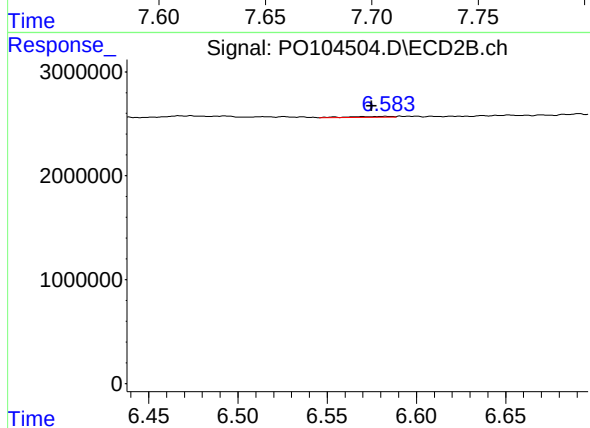
#35 AR-1260-5

R.T.: 7.099 min
Delta R.T.: -0.012 min
Response: 378834
Conc: 1.35 ng/ml



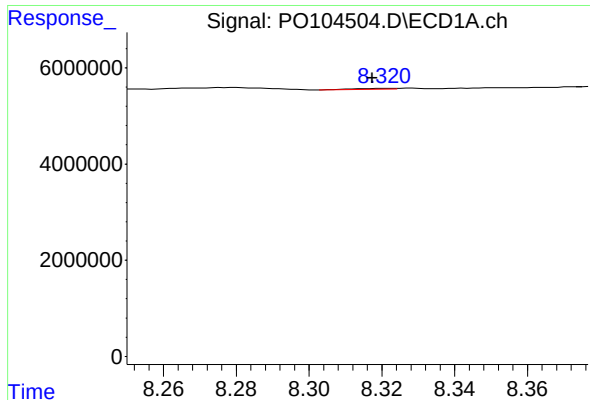
#36 AR-1262-1

R.T.: 7.707 min
Delta R.T.: 0.009 min
Response: 791754
Conc: 2.78 ng/ml



#36 AR-1262-1

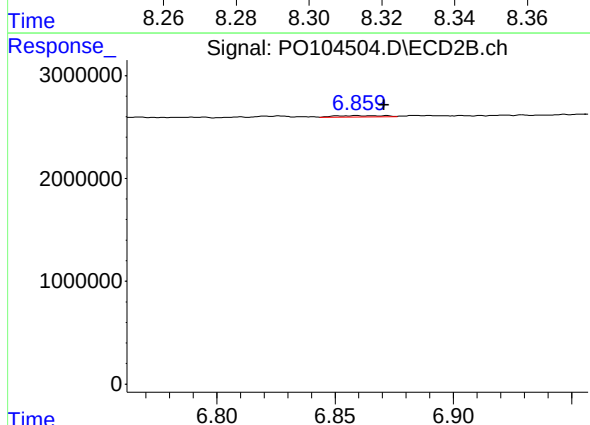
R.T.: 6.582 min
Delta R.T.: 0.008 min
Response: 154178
Conc: 2.34 ng/ml



#37 AR-1262-2

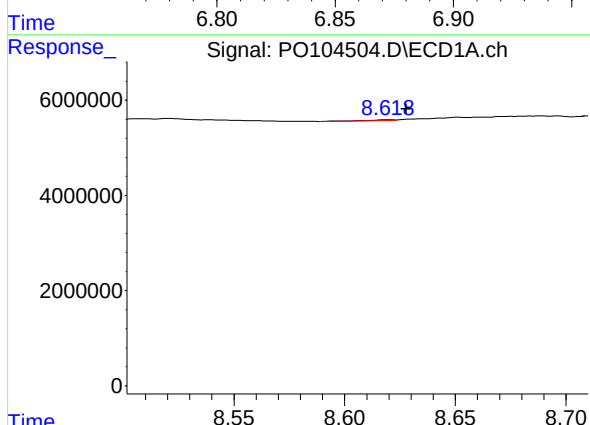
R.T.: 8.321 min
Delta R.T.: 0.003 min
Response: 156171
Conc: 0.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



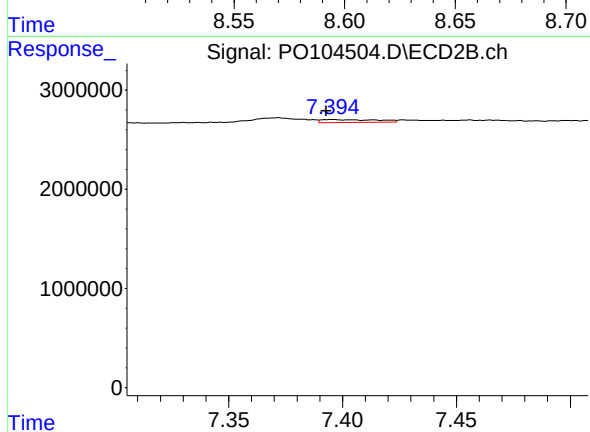
#37 AR-1262-2

R.T.: 6.859 min
Delta R.T.: -0.012 min
Response: 194471
Conc: 1.76 ng/ml



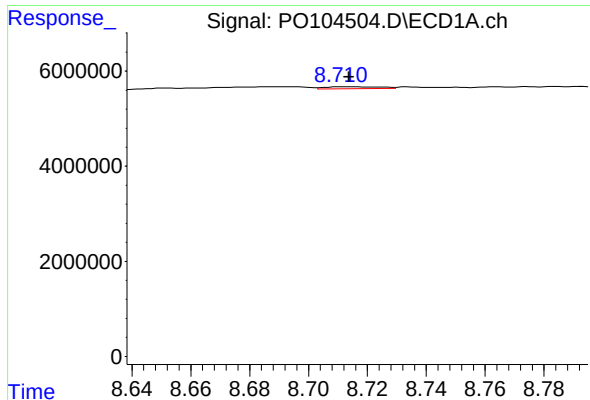
#38 AR-1262-3

R.T.: 8.619 min
Delta R.T.: -0.008 min
Response: 160041
Conc: 0.32 ng/ml



#38 AR-1262-3

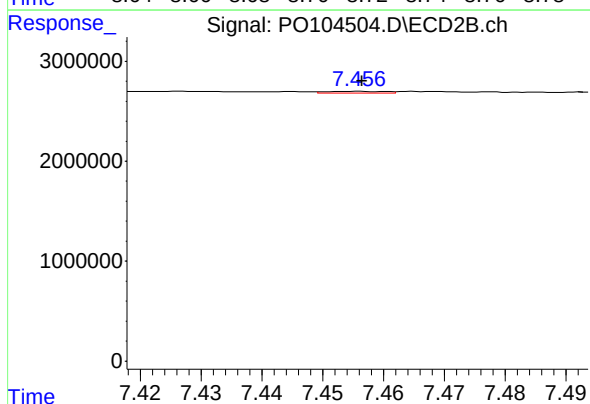
R.T.: 7.395 min
Delta R.T.: 0.002 min
Response: 511847
Conc: 3.28 ng/ml



#39 AR-1262-4

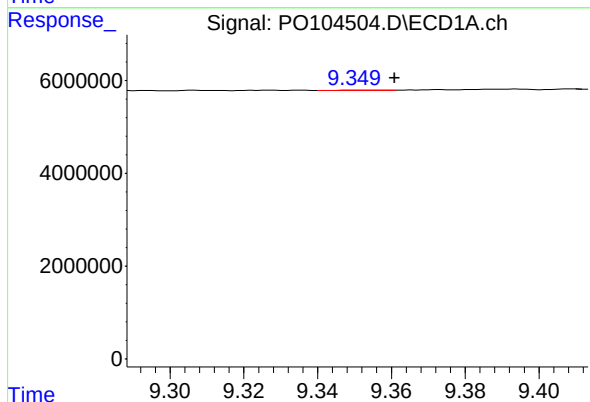
R.T.: 8.711 min
Delta R.T.: -0.003 min
Response: 539863
Conc: 1.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



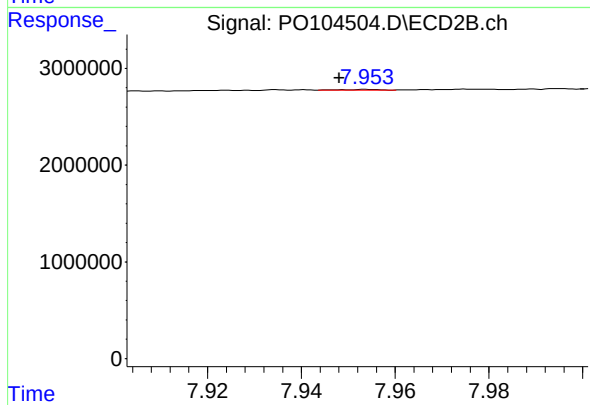
#39 AR-1262-4

R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 116299
Conc: 0.43 ng/ml



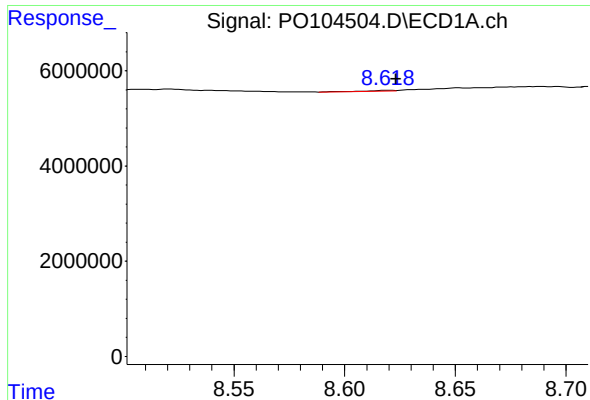
#40 AR-1262-5

R.T.: 9.357 min
Delta R.T.: -0.004 min
Response: 53307
Conc: 0.20 ng/ml



#40 AR-1262-5

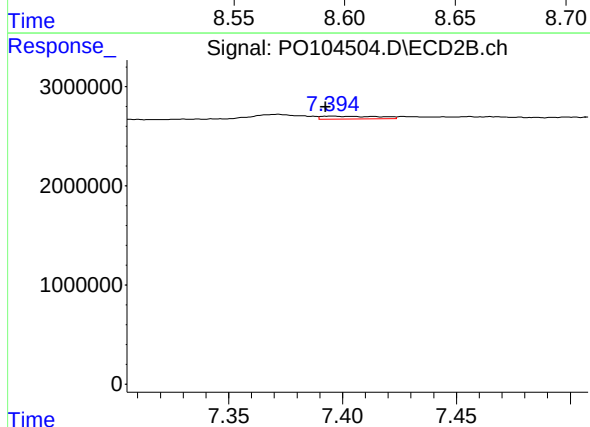
R.T.: 7.954 min
Delta R.T.: 0.006 min
Response: 40890
Conc: 0.27 ng/ml



#41 AR-1268-1

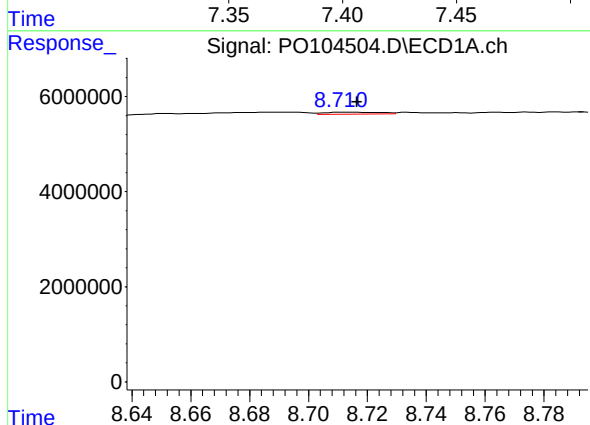
R.T.: 8.619 min
Delta R.T.: -0.004 min
Response: 160041
Conc: 0.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



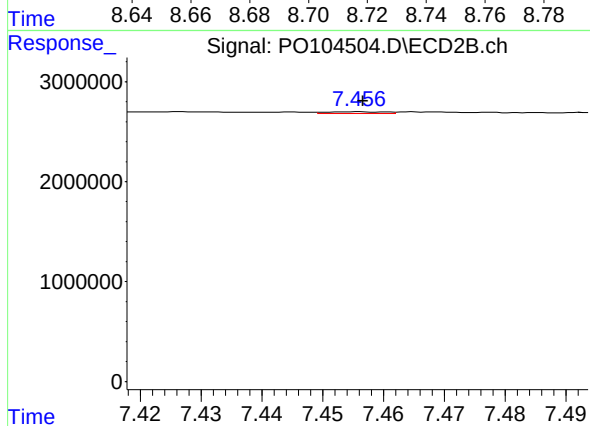
#41 AR-1268-1

R.T.: 7.395 min
Delta R.T.: 0.003 min
Response: 511847
Conc: 1.19 ng/ml



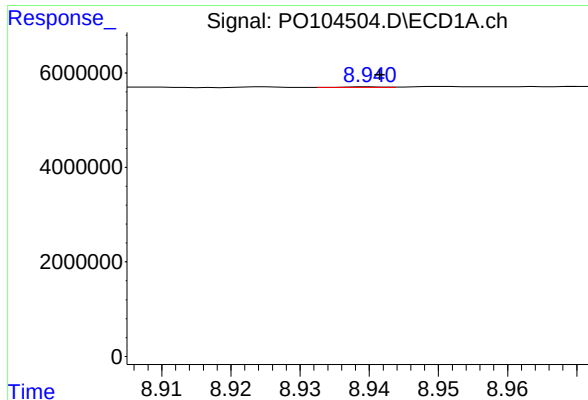
#42 AR-1268-2

R.T.: 8.711 min
Delta R.T.: -0.005 min
Response: 539863
Conc: 0.72 ng/ml



#42 AR-1268-2

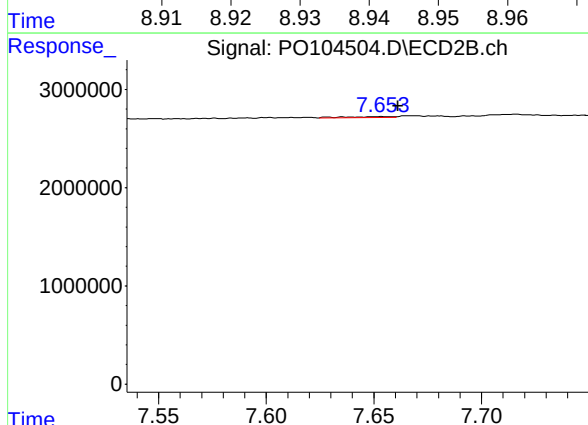
R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 116299
Conc: 0.27 ng/ml



#43 AR-1268-3

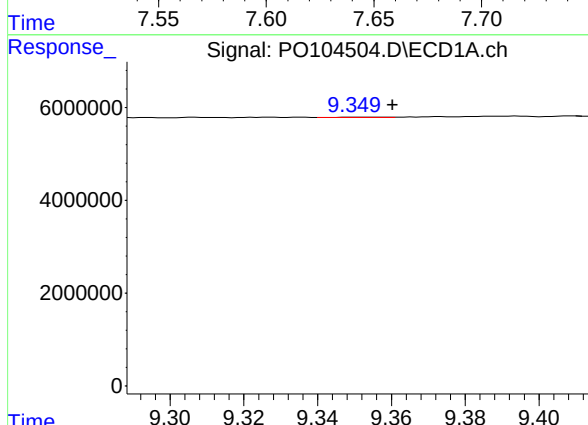
R.T.: 8.941 min
Delta R.T.: -0.001 min
Response: 33323
Conc: 0.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



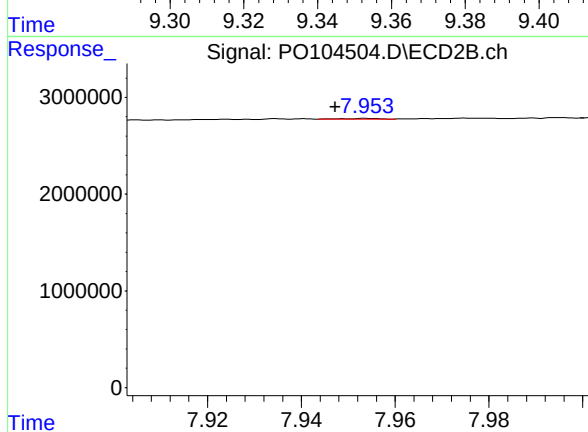
#43 AR-1268-3

R.T.: 7.655 min
Delta R.T.: -0.007 min
Response: 136536
Conc: 0.35 ng/ml



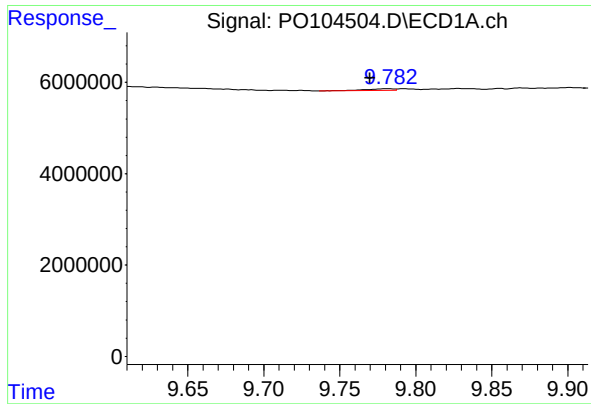
#44 AR-1268-4

R.T.: 9.357 min
Delta R.T.: -0.003 min
Response: 53307
Conc: 0.19 ng/ml



#44 AR-1268-4

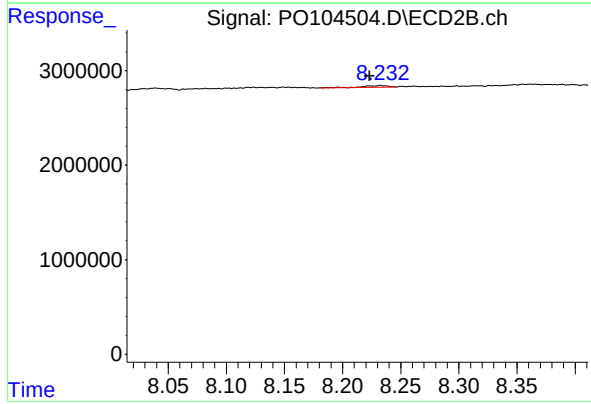
R.T.: 7.954 min
Delta R.T.: 0.007 min
Response: 40890
Conc: 0.25 ng/ml



#45 AR-1268-5

R.T.: 9.782 min
Delta R.T.: 0.012 min
Response: 431332
Conc: 0.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
509



#45 AR-1268-5

R.T.: 8.233 min
Delta R.T.: 0.009 min
Response: 270242
Conc: 0.22 ng/ml