

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0110223\
 Data File : P0099313.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2023 23:43
 Operator : YP/AJ
 Sample : 05220-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 03 01:06:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0102523.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...	4.466	3.623	25857561	10761593	13.086	14.953
2) SA Decachlor...	10.256	8.612	17009241	7311680	15.014	13.628
Target Compounds						
3) L1 AR-1016-1	5.645	4.698	12295359	15691379	223.283	700.697 #
4) L1 AR-1016-2	5.680	4.763	8987307	9262728	108.687	296.344 #
5) L1 AR-1016-3	5.738	4.893	11758047	2582713	228.435	152.527 #
6) L1 AR-1016-4	5.829	4.935	6444271	7631046	158.556	527.817 #
7) L1 AR-1016-5	6.156	5.166	1944590	5788789	45.816	309.861 #
8) L2 AR-1221-1	4.719	3.842	10776644	967469	434.047	104.142 #
9) L2 AR-1221-2	4.802	3.908	14876352	2679580	804.159	413.278 #
10) L2 AR-1221-3	4.851	4.024	4482906	2327768	82.746	115.082 #
11) L3 AR-1232-1	4.851	4.024	4482906	2327768	97.992	135.797 #
12) L3 AR-1232-2	5.376	4.763	15475576	9262728	655.343	604.617
13) L3 AR-1232-3	5.680	4.893	8987307	2582713	227.572	322.779 #
14) L3 AR-1232-4	5.829	5.000	6444271	6134876	337.770	797.382 #
15) L3 AR-1232-5	5.921	5.166	-272039	5788789	N.D.	680.587 #
16) L4 AR-1242-1	5.645	4.698	12295359	15691379	284.008	893.084 #
17) L4 AR-1242-2	5.680	4.763	8987307	9262728	140.323	382.224 #
18) L4 AR-1242-3	5.738	4.893	11758047	2582713	292.302	201.449 #
19) L4 AR-1242-4	5.829	5.000	6444271	6134876	205.934	435.816 #
20) L4 AR-1242-5	6.573	5.509	2721052	4088920	88.207	244.682 #
21) L5 AR-1248-1	5.645	4.698	12295359	15691379	361.919	1132.136 #
22) L5 AR-1248-2	5.921	4.935	-272039	7631046	N.D.	384.173 #
23) L5 AR-1248-3	6.156	5.000	1944590	6134876	34.129	294.189 #
24) L5 AR-1248-4	6.533	5.166	2499743	5788789	45.840	235.475 #
25) L5 AR-1248-5	6.573	5.555	2721052	2971015	47.901	136.797 #
26) L6 AR-1254-1	6.533	5.509	2499743	4088920	37.974	115.398 #
27) L6 AR-1254-2	6.743	5.644	3600139	1246328	37.397	38.967
28) L6 AR-1254-3	7.111	6.074	6374318	981588	71.315	20.079 #
29) L6 AR-1254-4	7.358	6.270	5648833	2792953	103.112	106.573
30) L6 AR-1254-5	7.790	6.696	1434695	1821407	21.307	43.208 #
31) L7 AR-1260-1	7.237	6.196	4284387	2911381	59.787	82.533 #
32) L7 AR-1260-2	7.539	6.373	1906378	3020394	24.163	75.347 #
33) L7 AR-1260-3	7.864	6.524	718748	407542	13.161	10.778
34) L7 AR-1260-4	8.076	6.981	633066	1224015	10.104	42.359 #
35) L7 AR-1260-5	8.418	7.236	2393671	2567214	22.367	42.659 #
36) L8 AR-1262-1	7.864	6.763	718748	630984	7.941	13.448 #
37) L8 AR-1262-2	8.418	6.981	2393671	1224015	17.956	29.482 #
38) L8 AR-1262-3	8.732	7.519	413267	1499491	4.203	46.937 #
39) L8 AR-1262-4	8.825	7.589	3241131	1707497	40.459	31.057
40) L8 AR-1262-5	9.525	8.117	93983	-9954	2.139	N.D. #
41) L9 AR-1268-1	8.732	7.519	413267	1499491	2.399	16.811 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0110223\
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Integration File signal 1: autoint1.e
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 Quant Time: Nov 03 01:06:15 2023
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 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 25 06:04:36 2023
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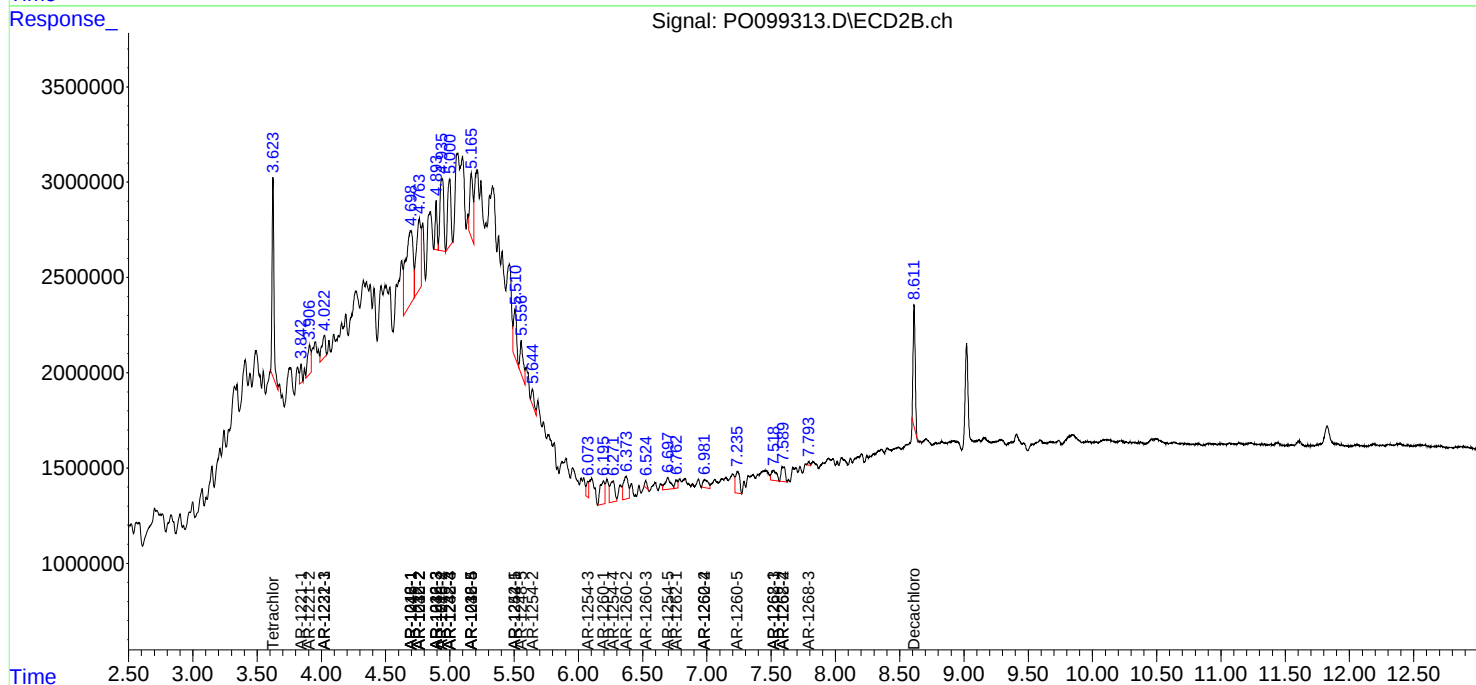
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

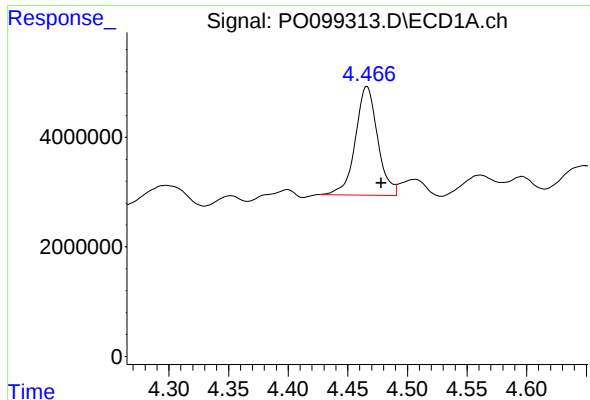
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.825	7.589	3241131	1707497	20.671	21.626
43) L9	AR-1268-3	9.083	7.793	605539	187631	4.319	2.665 #
44) L9	AR-1268-4	9.525	8.117	93983	-9954	1.874	N.D. #
45) L9	AR-1268-5	9.904	8.405	249286	-4297	0.609	N.D. #

(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

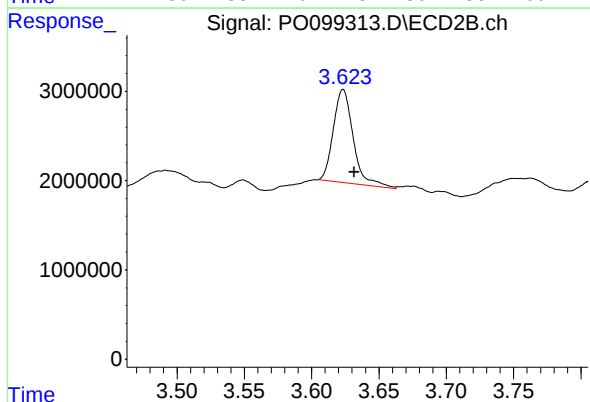




#1 Tetrachloro-m-xylene

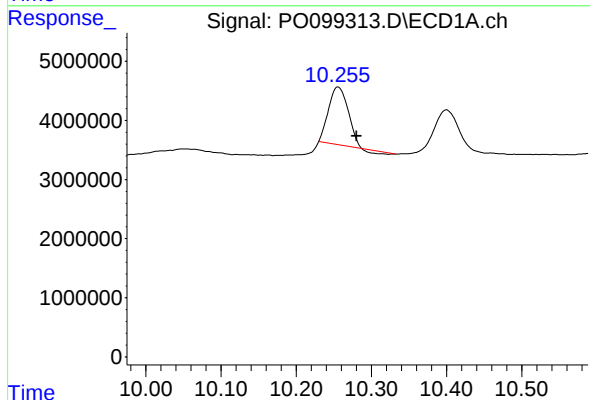
R.T.: 4.466 min
Delta R.T.: -0.012 min
Response: 25857561
Conc: 13.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



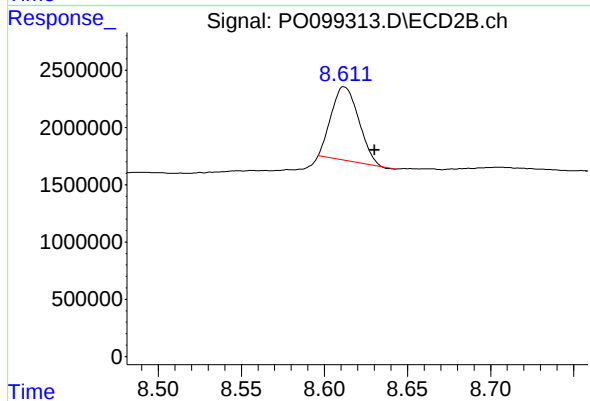
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: -0.008 min
Response: 10761593
Conc: 14.95 ng/ml



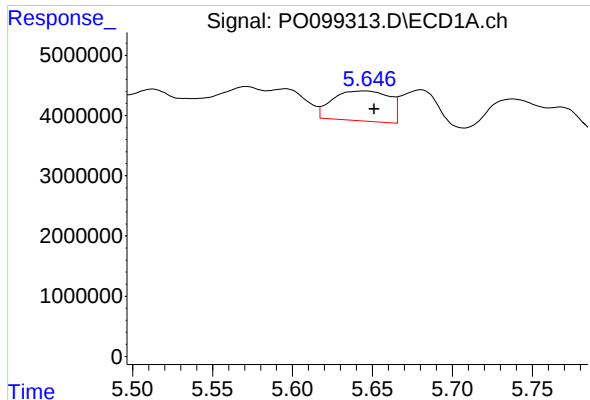
#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: -0.024 min
Response: 17009241
Conc: 15.01 ng/ml



#2 Decachlorobiphenyl

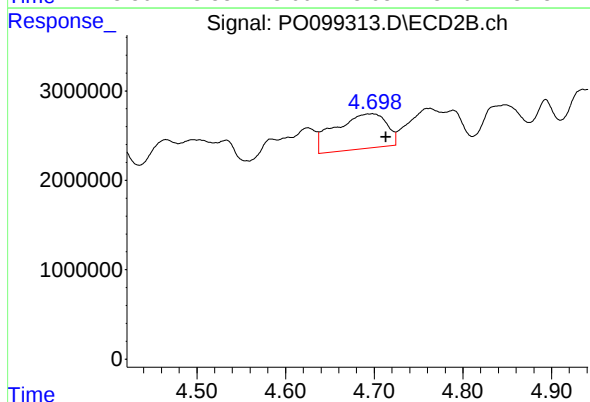
R.T.: 8.612 min
Delta R.T.: -0.018 min
Response: 7311680
Conc: 13.63 ng/ml



#3 AR-1016-1

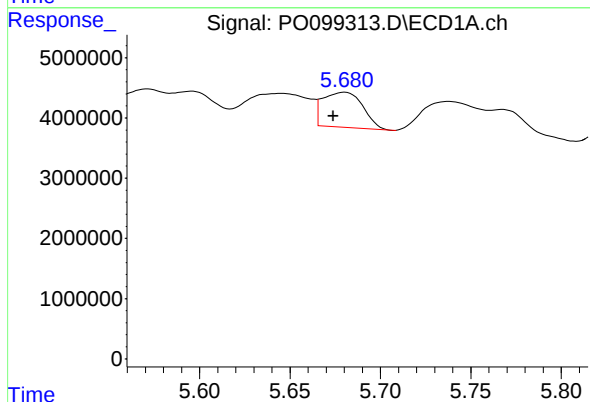
R.T.: 5.645 min
Delta R.T.: -0.006 min
Response: 12295359
Conc: 223.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



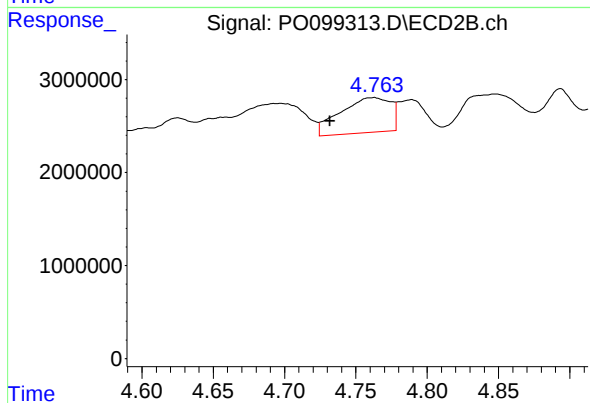
#3 AR-1016-1

R.T.: 4.698 min
Delta R.T.: -0.015 min
Response: 15691379
Conc: 700.70 ng/ml



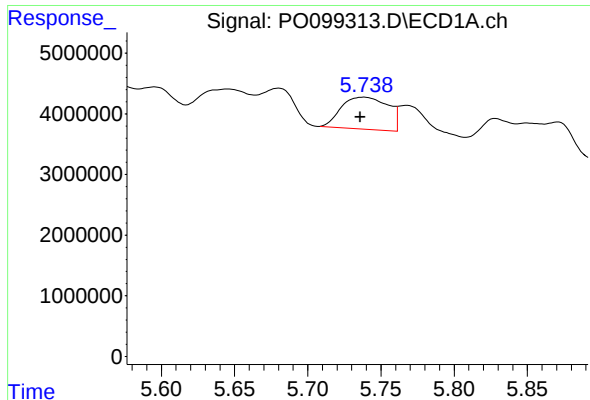
#4 AR-1016-2

R.T.: 5.680 min
Delta R.T.: 0.006 min
Response: 8987307
Conc: 108.69 ng/ml



#4 AR-1016-2

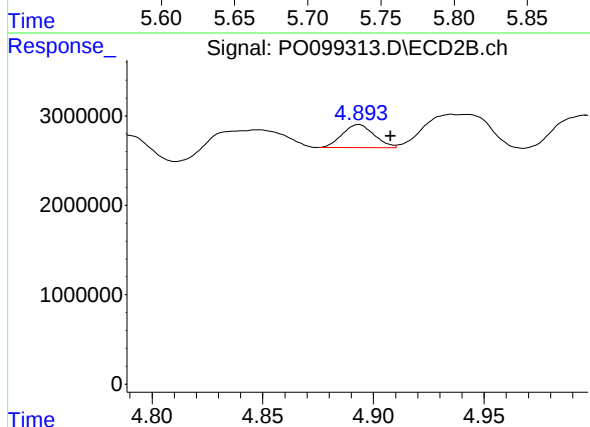
R.T.: 4.763 min
Delta R.T.: 0.031 min
Response: 9262728
Conc: 296.34 ng/ml



#5 AR-1016-3

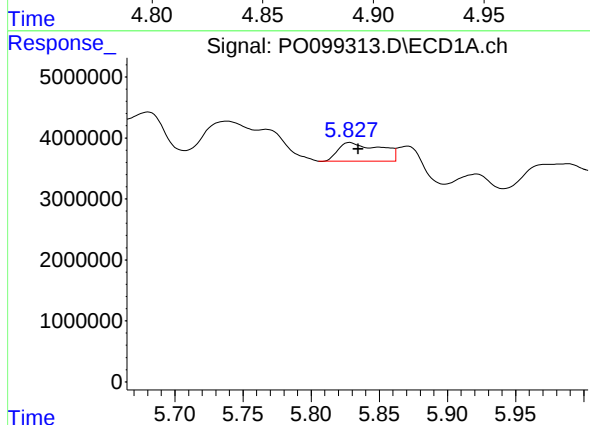
R.T.: 5.738 min
Delta R.T.: 0.002 min
Response: 11758047
Conc: 228.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



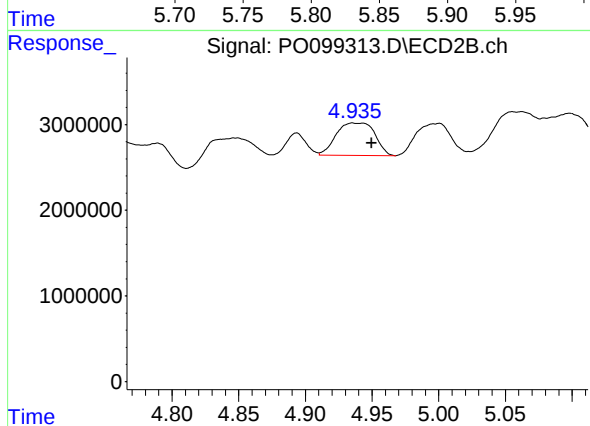
#5 AR-1016-3

R.T.: 4.893 min
Delta R.T.: -0.014 min
Response: 2582713
Conc: 152.53 ng/ml



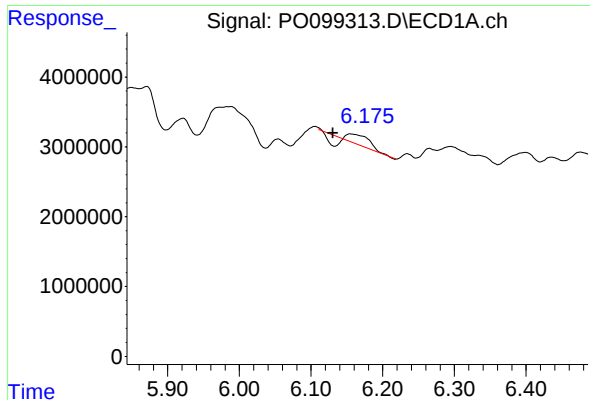
#6 AR-1016-4

R.T.: 5.829 min
Delta R.T.: -0.006 min
Response: 6444271
Conc: 158.56 ng/ml



#6 AR-1016-4

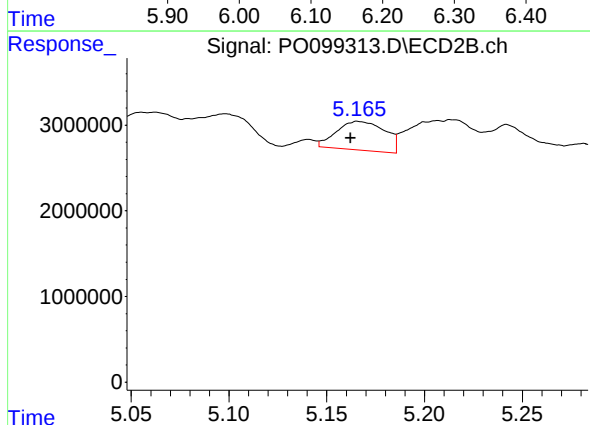
R.T.: 4.935 min
Delta R.T.: -0.014 min
Response: 7631046
Conc: 527.82 ng/ml



#7 AR-1016-5

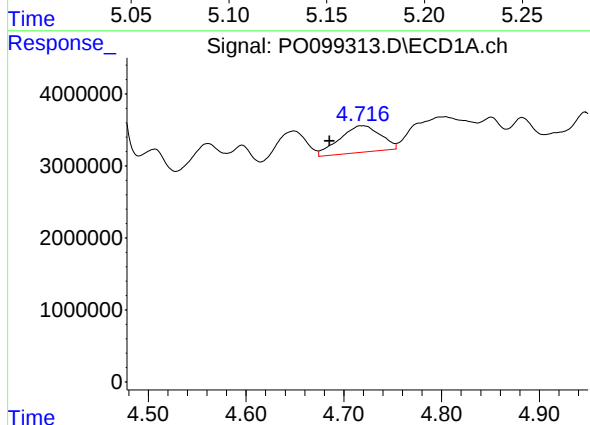
R.T.: 6.156 min
Delta R.T.: 0.025 min
Response: 1944590
Conc: 45.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



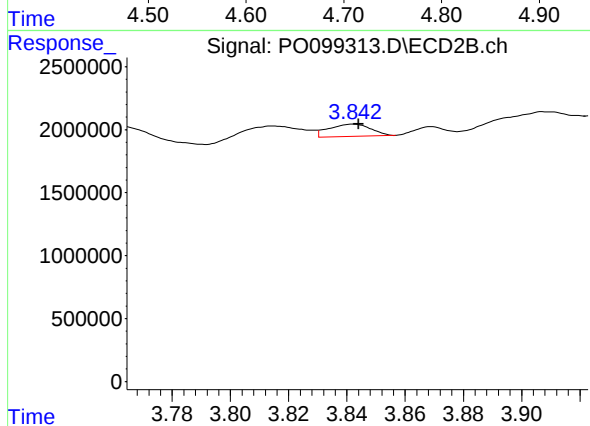
#7 AR-1016-5

R.T.: 5.166 min
Delta R.T.: 0.004 min
Response: 5788789
Conc: 309.86 ng/ml



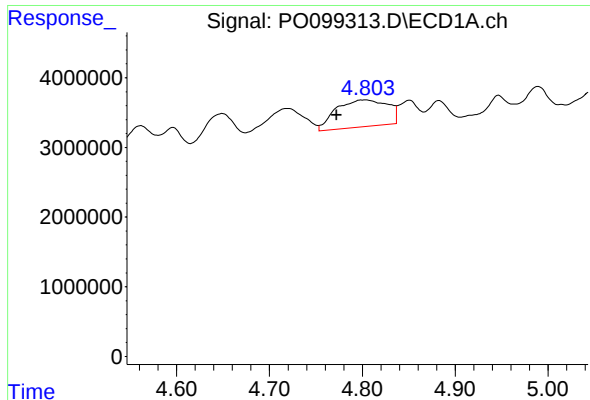
#8 AR-1221-1

R.T.: 4.719 min
Delta R.T.: 0.034 min
Response: 10776644
Conc: 434.05 ng/ml



#8 AR-1221-1

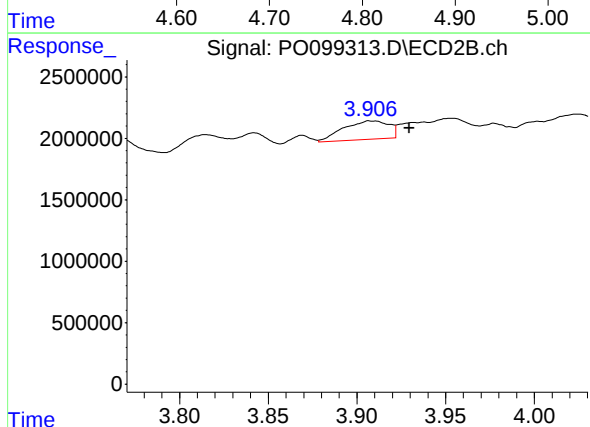
R.T.: 3.842 min
Delta R.T.: -0.002 min
Response: 967469
Conc: 104.14 ng/ml



#9 AR-1221-2

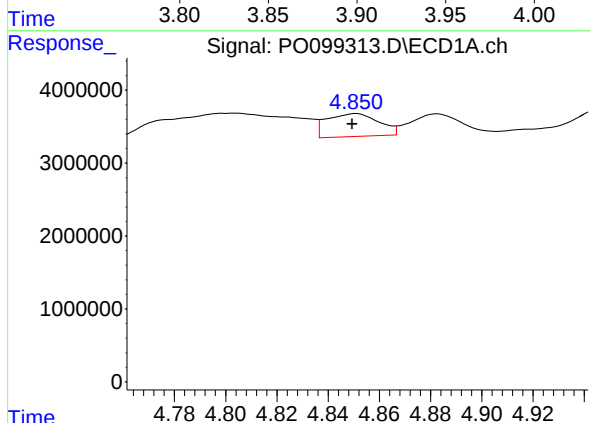
R.T.: 4.802 min
Delta R.T.: 0.030 min
Response: 14876352
Conc: 804.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



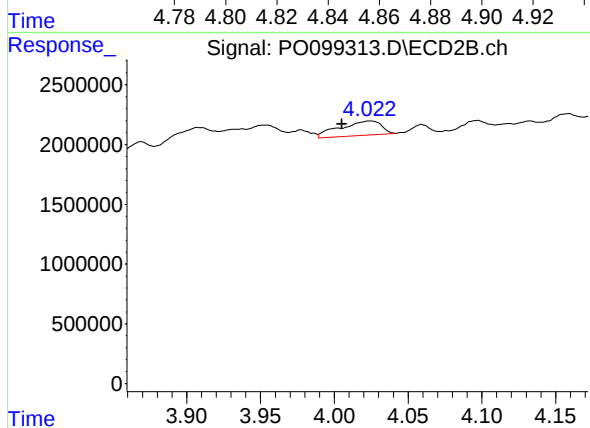
#9 AR-1221-2

R.T.: 3.908 min
Delta R.T.: -0.022 min
Response: 2679580
Conc: 413.28 ng/ml



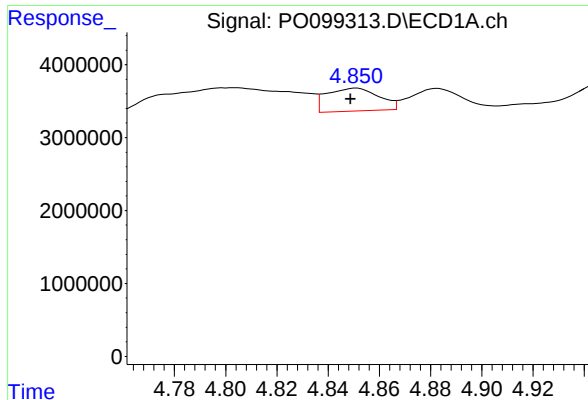
#10 AR-1221-3

R.T.: 4.851 min
Delta R.T.: 0.001 min
Response: 4482906
Conc: 82.75 ng/ml



#10 AR-1221-3

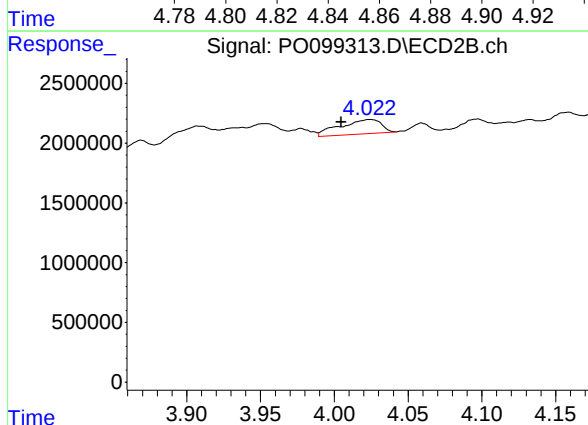
R.T.: 4.024 min
Delta R.T.: 0.019 min
Response: 2327768
Conc: 115.08 ng/ml



#11 AR-1232-1

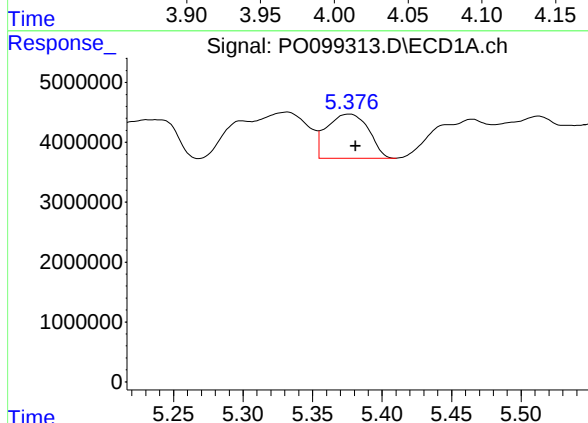
R.T.: 4.851 min
Delta R.T.: 0.002 min
Response: 4482906
Conc: 97.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



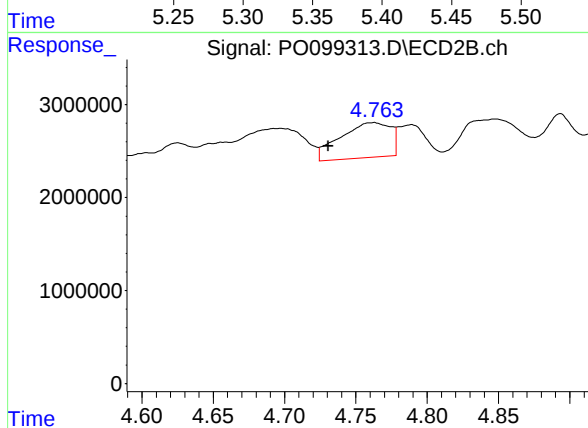
#11 AR-1232-1

R.T.: 4.024 min
Delta R.T.: 0.020 min
Response: 2327768
Conc: 135.80 ng/ml



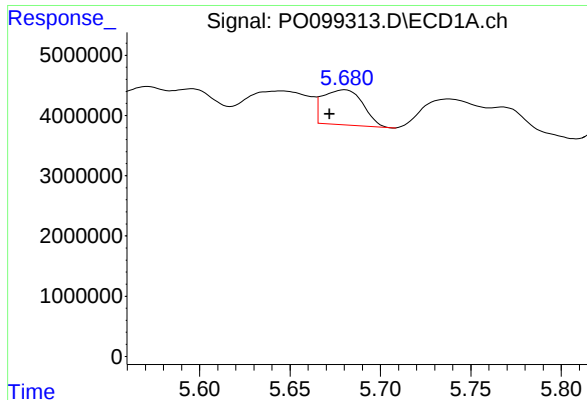
#12 AR-1232-2

R.T.: 5.376 min
Delta R.T.: -0.005 min
Response: 15475576
Conc: 655.34 ng/ml



#12 AR-1232-2

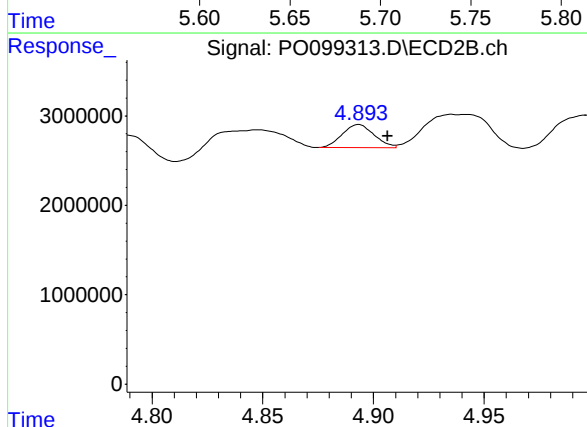
R.T.: 4.763 min
Delta R.T.: 0.032 min
Response: 9262728
Conc: 604.62 ng/ml



#13 AR-1232-3

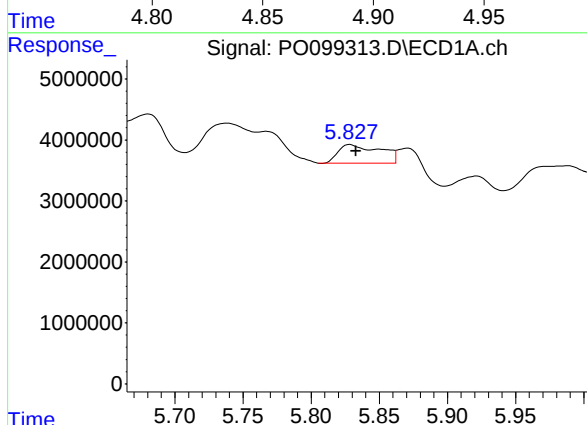
R.T.: 5.680 min
Delta R.T.: 0.008 min
Response: 8987307
Conc: 227.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



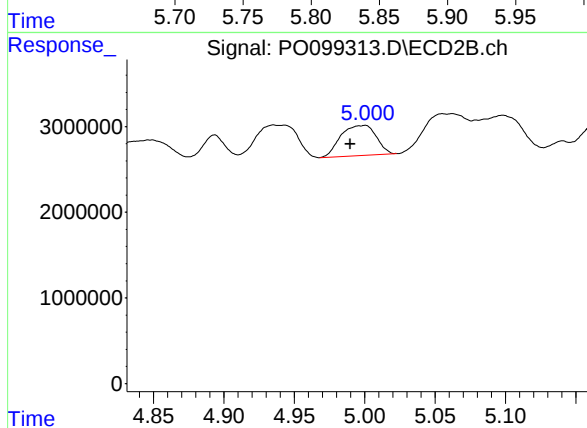
#13 AR-1232-3

R.T.: 4.893 min
Delta R.T.: -0.013 min
Response: 2582713
Conc: 322.78 ng/ml



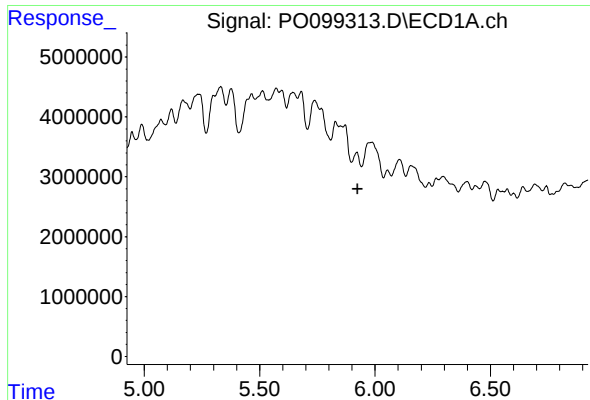
#14 AR-1232-4

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 6444271
Conc: 337.77 ng/ml



#14 AR-1232-4

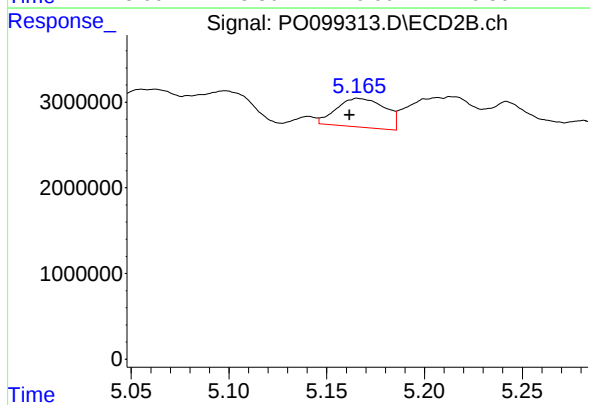
R.T.: 5.000 min
Delta R.T.: 0.010 min
Response: 6134876
Conc: 797.38 ng/ml



#15 AR-1232-5

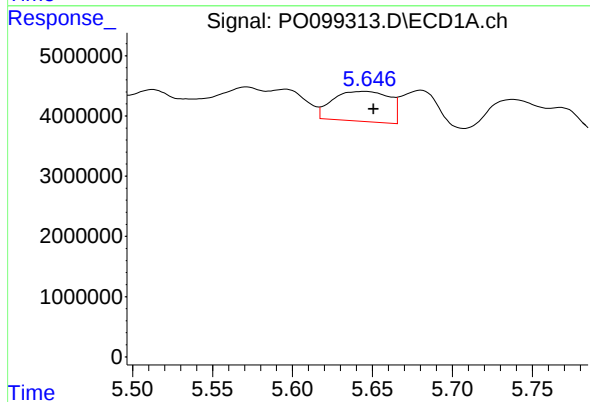
R.T.: 5.921 min
Delta R.T.: -0.003 min
Response: -272039
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



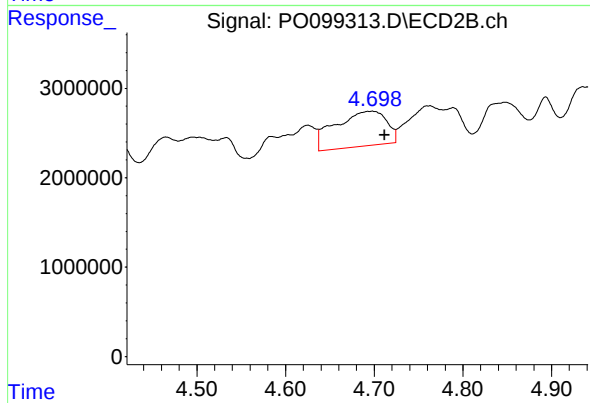
#15 AR-1232-5

R.T.: 5.166 min
Delta R.T.: 0.004 min
Response: 5788789
Conc: 680.59 ng/ml



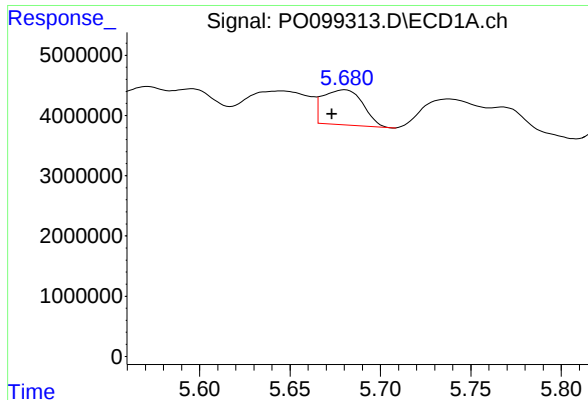
#16 AR-1242-1

R.T.: 5.645 min
Delta R.T.: -0.006 min
Response: 12295359
Conc: 284.01 ng/ml



#16 AR-1242-1

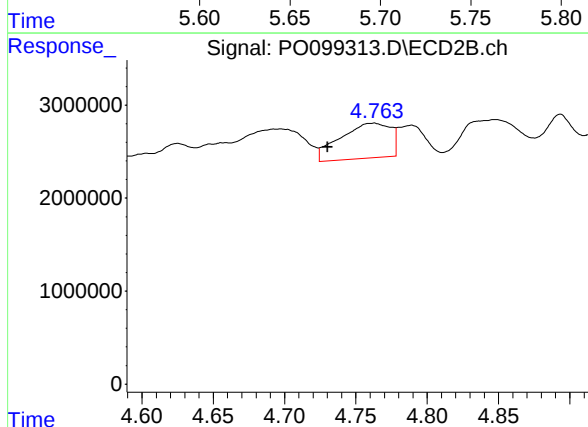
R.T.: 4.698 min
Delta R.T.: -0.014 min
Response: 15691379
Conc: 893.08 ng/ml



#17 AR-1242-2

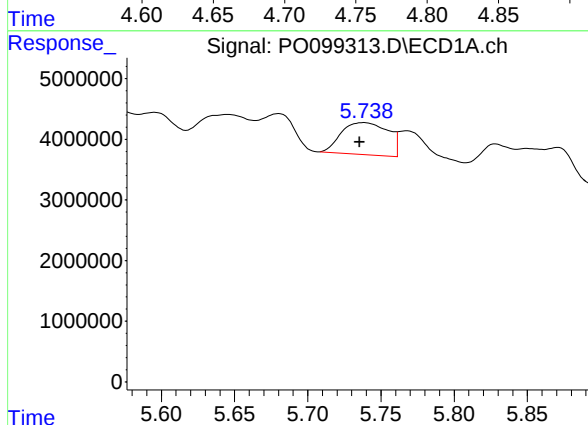
R.T.: 5.680 min
Delta R.T.: 0.007 min
Response: 8987307
Conc: 140.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



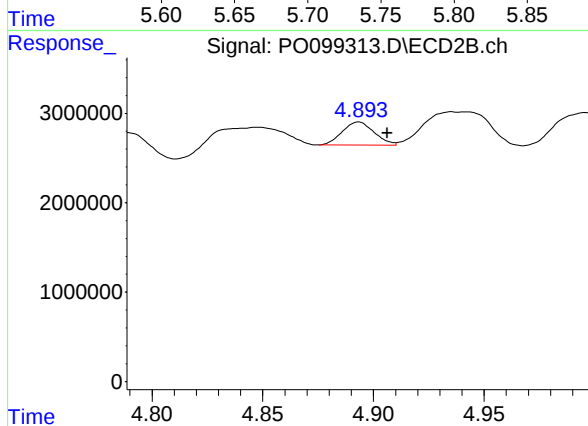
#17 AR-1242-2

R.T.: 4.763 min
Delta R.T.: 0.032 min
Response: 9262728
Conc: 382.22 ng/ml



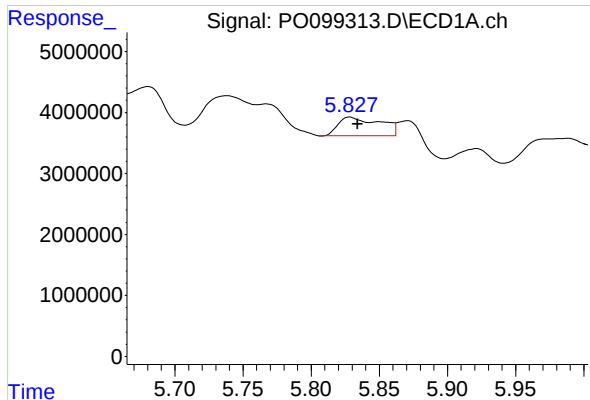
#18 AR-1242-3

R.T.: 5.738 min
Delta R.T.: 0.003 min
Response: 11758047
Conc: 292.30 ng/ml



#18 AR-1242-3

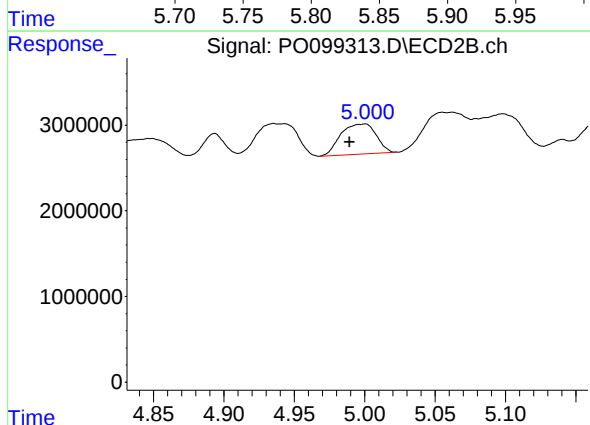
R.T.: 4.893 min
Delta R.T.: -0.013 min
Response: 2582713
Conc: 201.45 ng/ml



#19 AR-1242-4

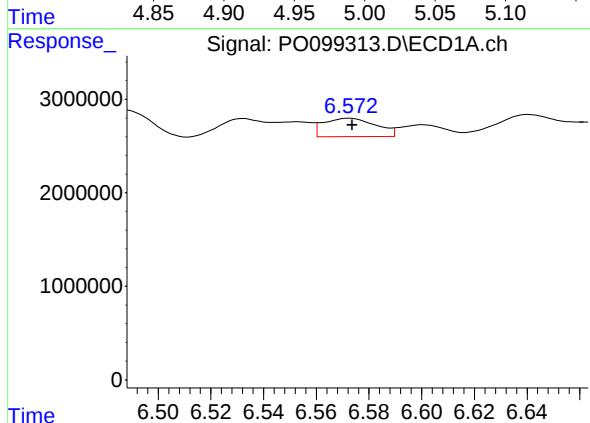
R.T.: 5.829 min
Delta R.T.: -0.006 min
Response: 6444271
Conc: 205.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



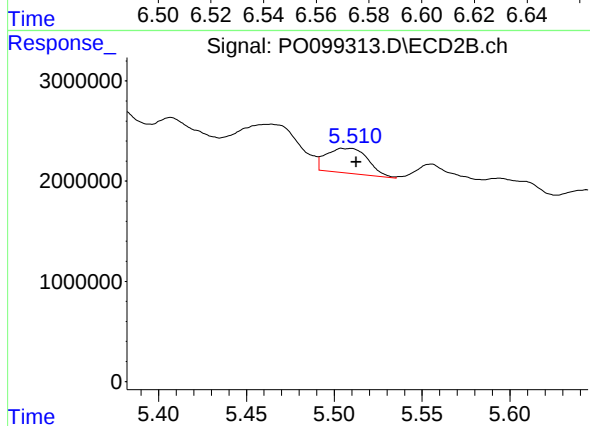
#19 AR-1242-4

R.T.: 5.000 min
Delta R.T.: 0.011 min
Response: 6134876
Conc: 435.82 ng/ml



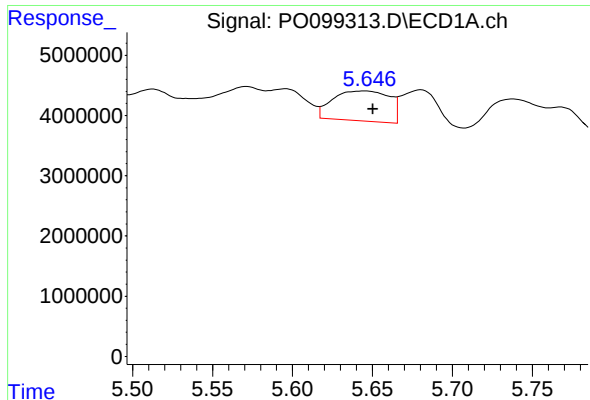
#20 AR-1242-5

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 2721052
Conc: 88.21 ng/ml



#20 AR-1242-5

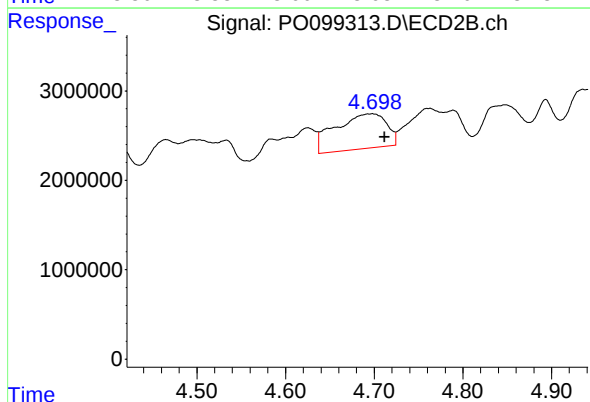
R.T.: 5.509 min
Delta R.T.: -0.003 min
Response: 4088920
Conc: 244.68 ng/ml



#21 AR-1248-1

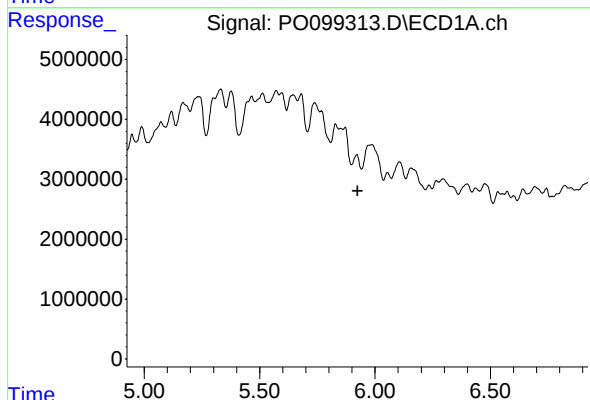
R.T.: 5.645 min
Delta R.T.: -0.005 min
Response: 12295359
Conc: 361.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



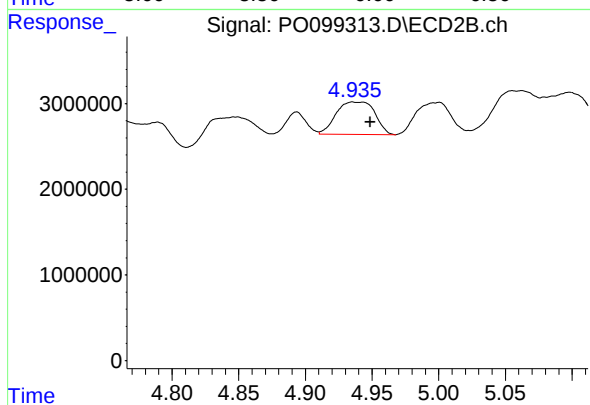
#21 AR-1248-1

R.T.: 4.698 min
Delta R.T.: -0.014 min
Response: 15691379
Conc: 1132.14 ng/ml



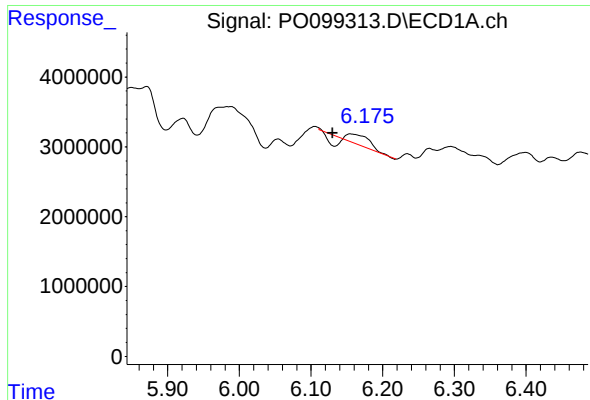
#22 AR-1248-2

R.T.: 5.921 min
Delta R.T.: -0.003 min
Response: -272039
Conc: N.D.



#22 AR-1248-2

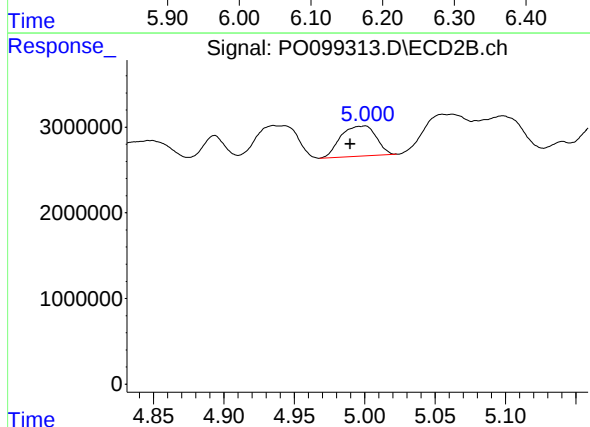
R.T.: 4.935 min
Delta R.T.: -0.013 min
Response: 7631046
Conc: 384.17 ng/ml



#23 AR-1248-3

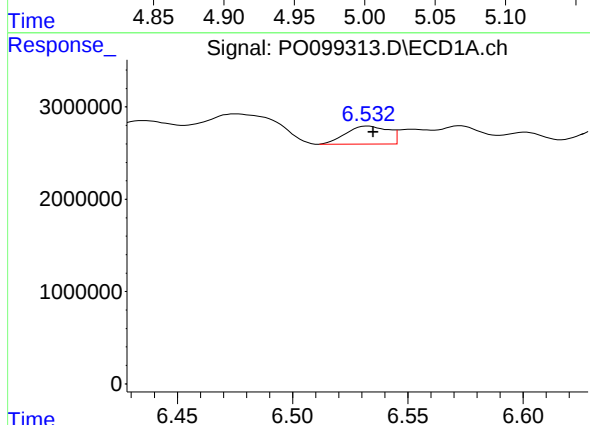
R.T.: 6.156 min
Delta R.T.: 0.025 min
Response: 1944590
Conc: 34.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



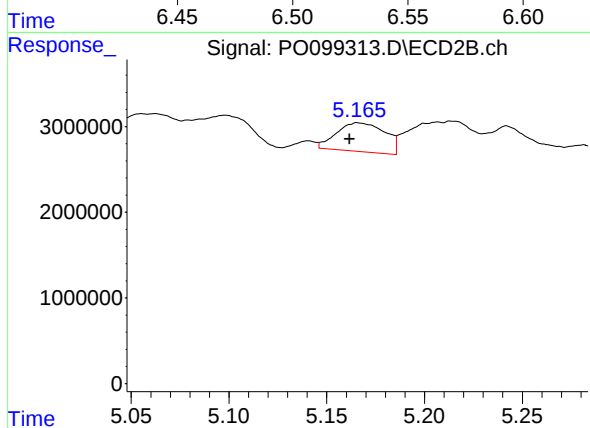
#23 AR-1248-3

R.T.: 5.000 min
Delta R.T.: 0.010 min
Response: 6134876
Conc: 294.19 ng/ml



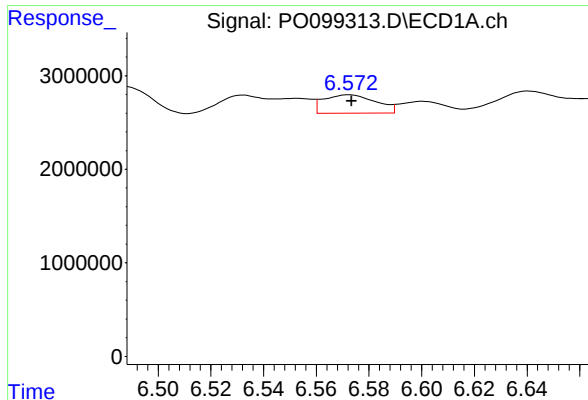
#24 AR-1248-4

R.T.: 6.533 min
Delta R.T.: -0.002 min
Response: 2499743
Conc: 45.84 ng/ml



#24 AR-1248-4

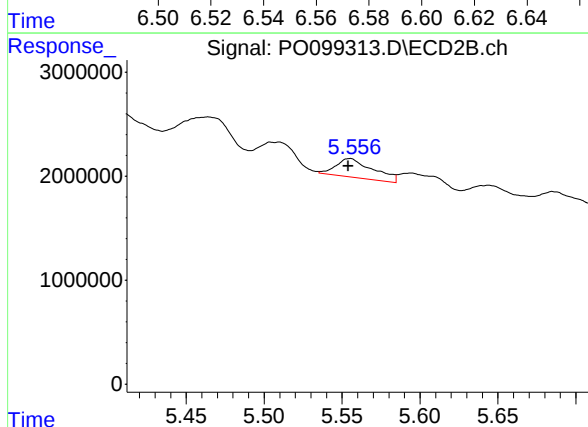
R.T.: 5.166 min
Delta R.T.: 0.004 min
Response: 5788789
Conc: 235.47 ng/ml



#25 AR-1248-5

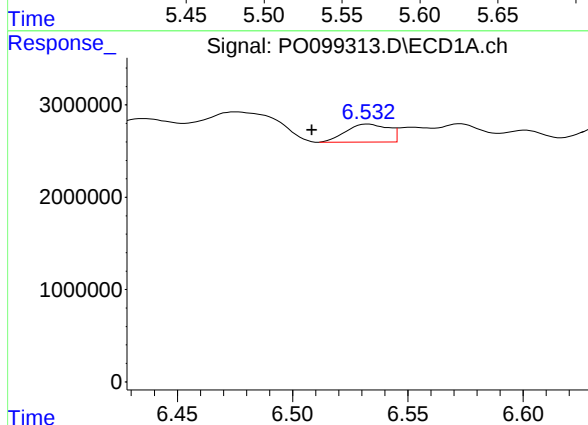
R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 2721052
Conc: 47.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



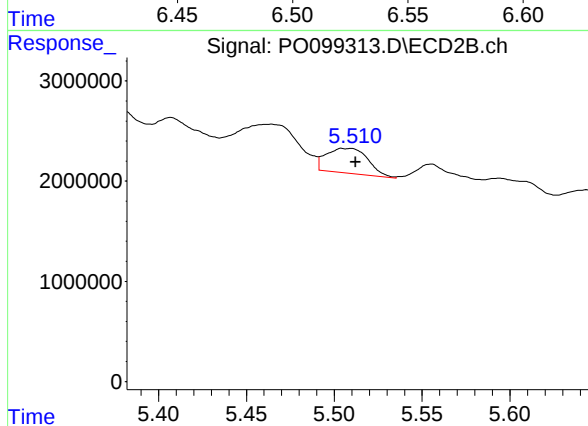
#25 AR-1248-5

R.T.: 5.555 min
Delta R.T.: 0.001 min
Response: 2971015
Conc: 136.80 ng/ml



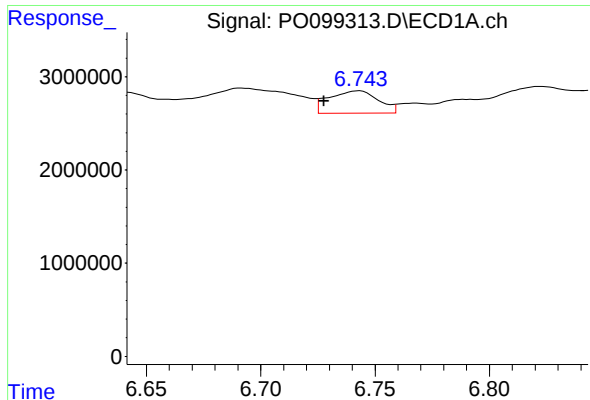
#26 AR-1254-1

R.T.: 6.533 min
Delta R.T.: 0.024 min
Response: 2499743
Conc: 37.97 ng/ml



#26 AR-1254-1

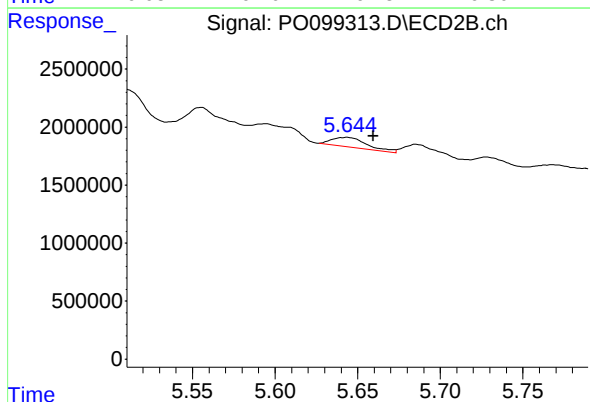
R.T.: 5.509 min
Delta R.T.: -0.003 min
Response: 4088920
Conc: 115.40 ng/ml



#27 AR-1254-2

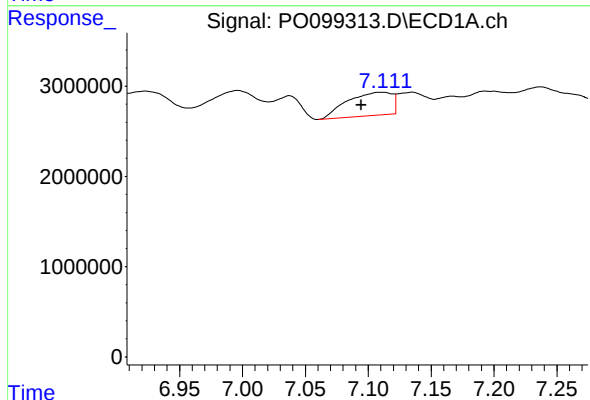
R.T.: 6.743 min
Delta R.T.: 0.015 min
Response: 3600139
Conc: 37.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



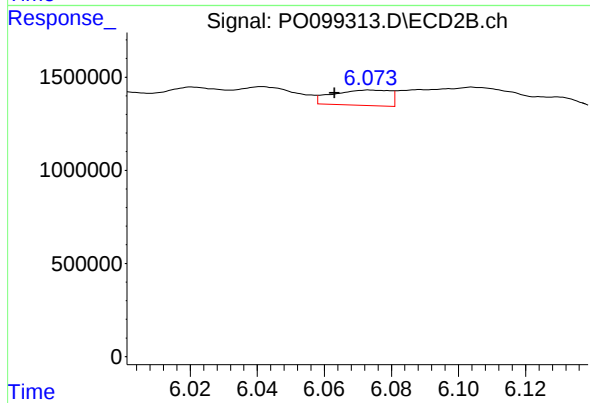
#27 AR-1254-2

R.T.: 5.644 min
Delta R.T.: -0.016 min
Response: 1246328
Conc: 38.97 ng/ml



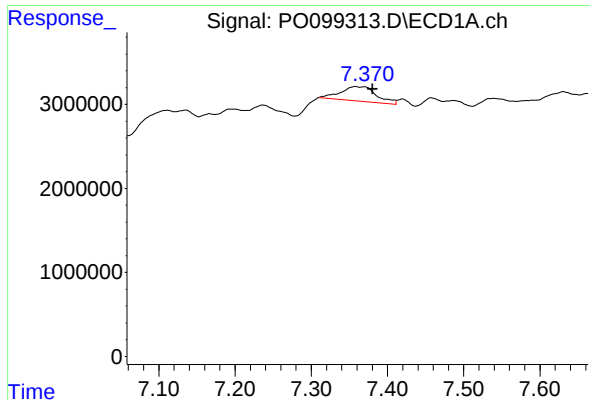
#28 AR-1254-3

R.T.: 7.111 min
Delta R.T.: 0.016 min
Response: 6374318
Conc: 71.31 ng/ml



#28 AR-1254-3

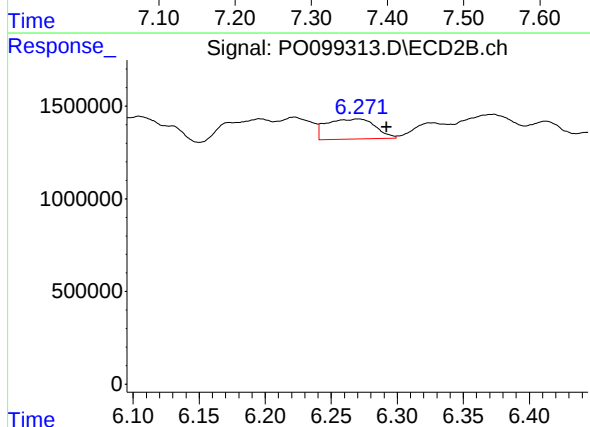
R.T.: 6.074 min
Delta R.T.: 0.011 min
Response: 981588
Conc: 20.08 ng/ml



#29 AR-1254-4

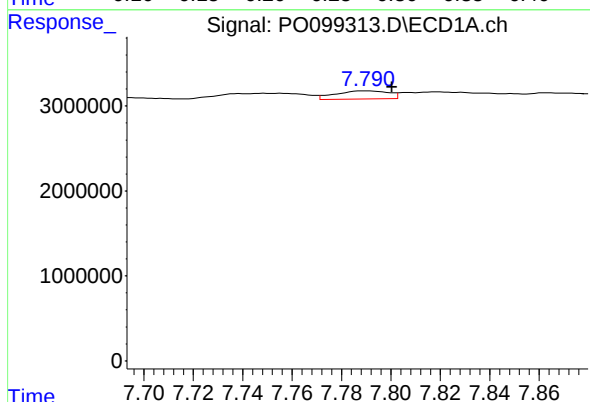
R.T.: 7.358 min
Delta R.T.: -0.022 min
Response: 5648833
Conc: 103.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



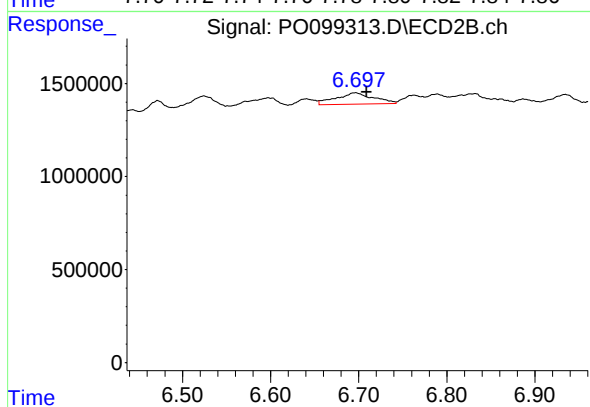
#29 AR-1254-4

R.T.: 6.270 min
Delta R.T.: -0.021 min
Response: 2792953
Conc: 106.57 ng/ml



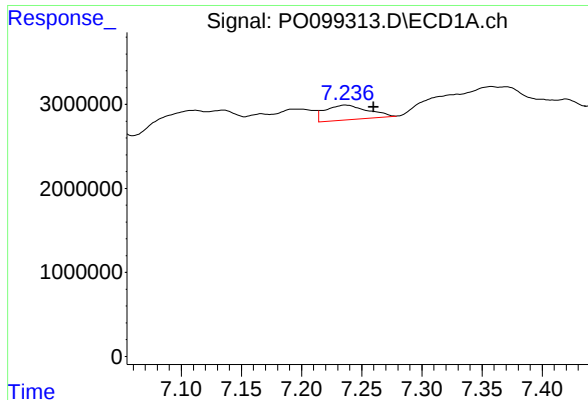
#30 AR-1254-5

R.T.: 7.790 min
Delta R.T.: -0.011 min
Response: 1434695
Conc: 21.31 ng/ml



#30 AR-1254-5

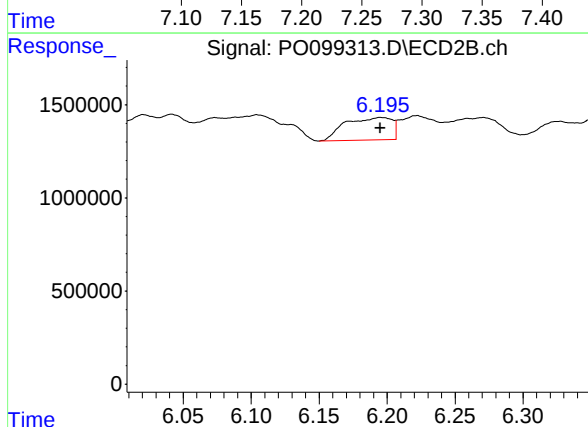
R.T.: 6.696 min
Delta R.T.: -0.013 min
Response: 1821407
Conc: 43.21 ng/ml



#31 AR-1260-1

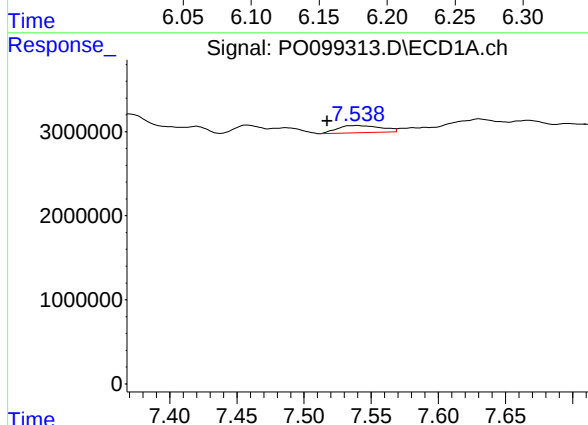
R.T.: 7.237 min
Delta R.T.: -0.023 min
Response: 4284387
Conc: 59.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



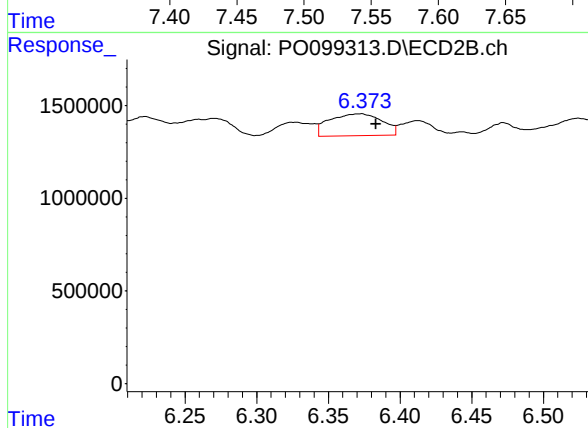
#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 2911381
Conc: 82.53 ng/ml



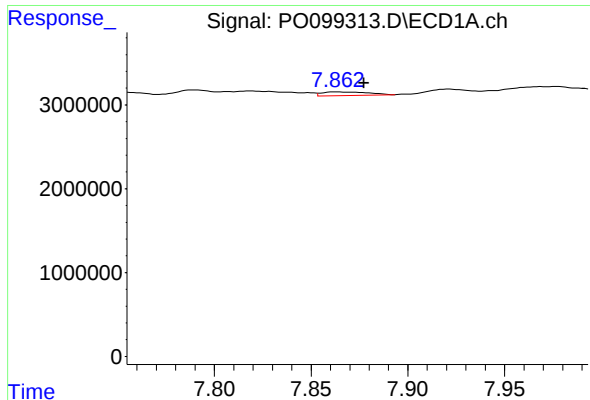
#32 AR-1260-2

R.T.: 7.539 min
Delta R.T.: 0.022 min
Response: 1906378
Conc: 24.16 ng/ml



#32 AR-1260-2

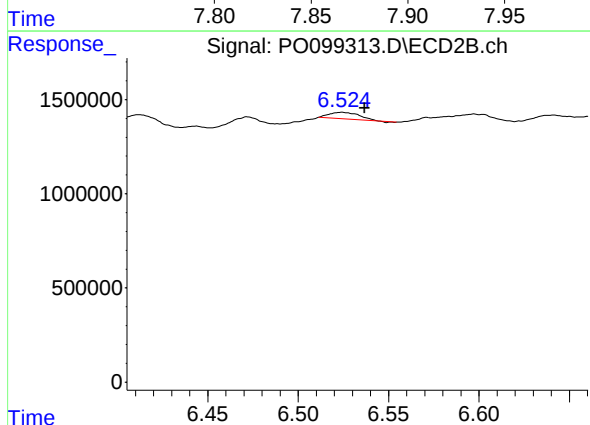
R.T.: 6.373 min
Delta R.T.: -0.011 min
Response: 3020394
Conc: 75.35 ng/ml



#33 AR-1260-3

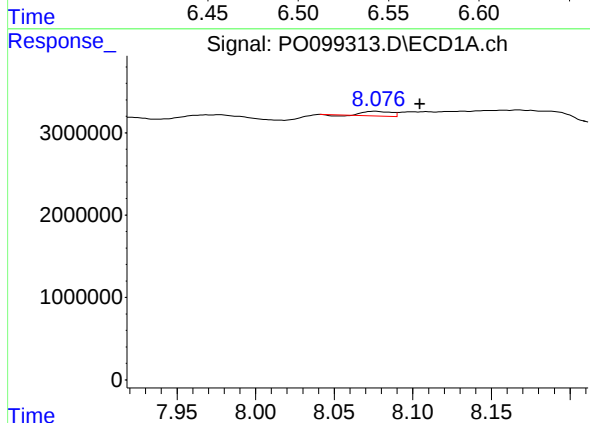
R.T.: 7.864 min
Delta R.T.: -0.014 min
Response: 718748
Conc: 13.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



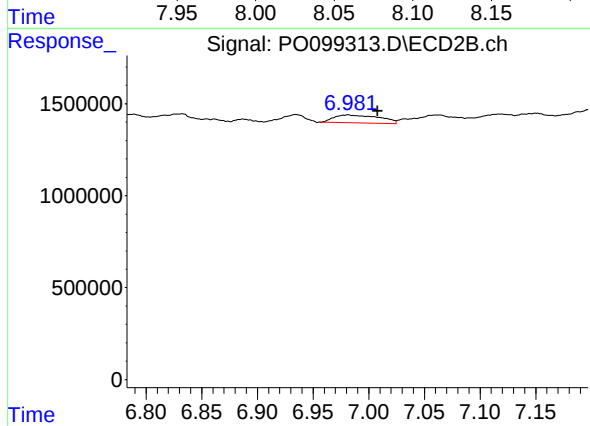
#33 AR-1260-3

R.T.: 6.524 min
Delta R.T.: -0.012 min
Response: 407542
Conc: 10.78 ng/ml



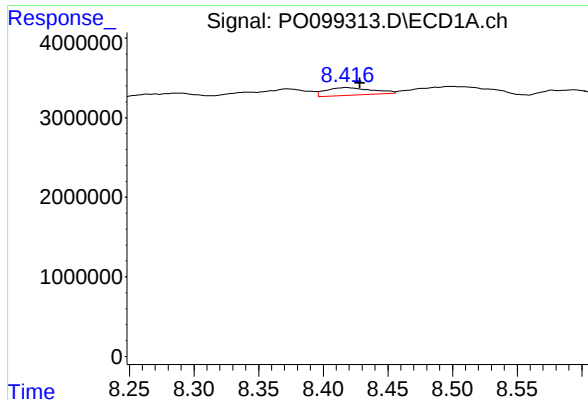
#34 AR-1260-4

R.T.: 8.076 min
Delta R.T.: -0.028 min
Response: 633066
Conc: 10.10 ng/ml



#34 AR-1260-4

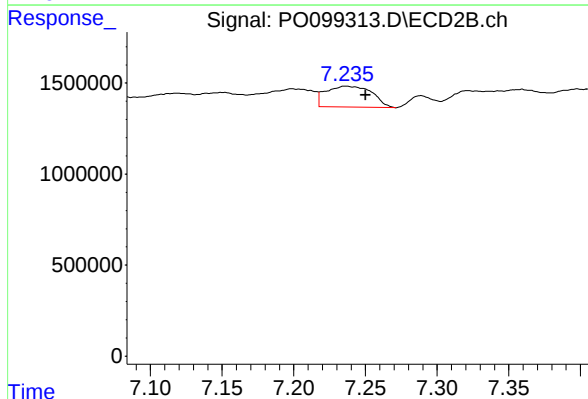
R.T.: 6.981 min
Delta R.T.: -0.027 min
Response: 1224015
Conc: 42.36 ng/ml



#35 AR-1260-5

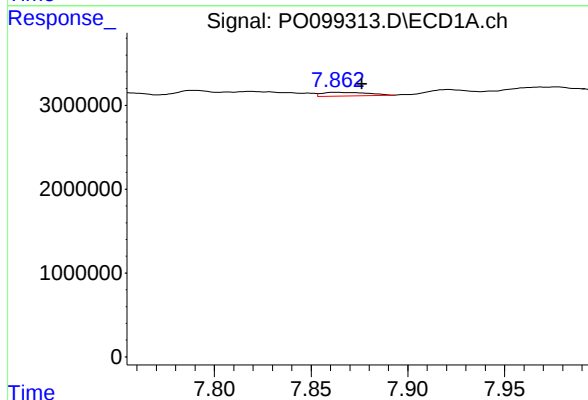
R.T.: 8.418 min
Delta R.T.: -0.011 min
Response: 2393671
Conc: 22.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



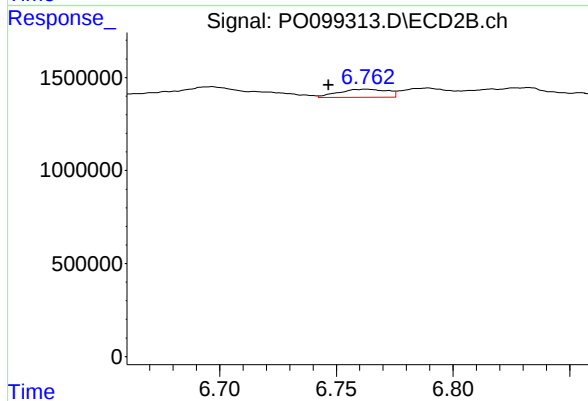
#35 AR-1260-5

R.T.: 7.236 min
Delta R.T.: -0.014 min
Response: 2567214
Conc: 42.66 ng/ml



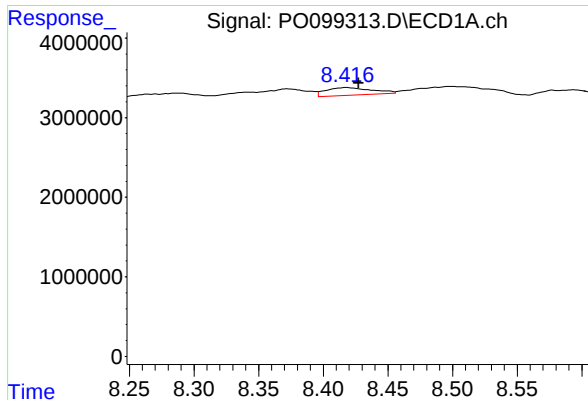
#36 AR-1262-1

R.T.: 7.864 min
Delta R.T.: -0.012 min
Response: 718748
Conc: 7.94 ng/ml



#36 AR-1262-1

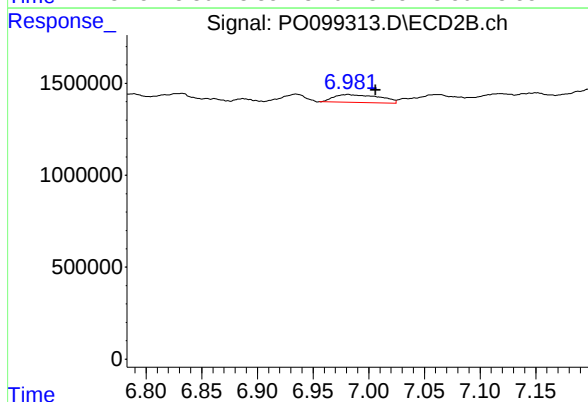
R.T.: 6.763 min
Delta R.T.: 0.016 min
Response: 630984
Conc: 13.45 ng/ml



#37 AR-1262-2

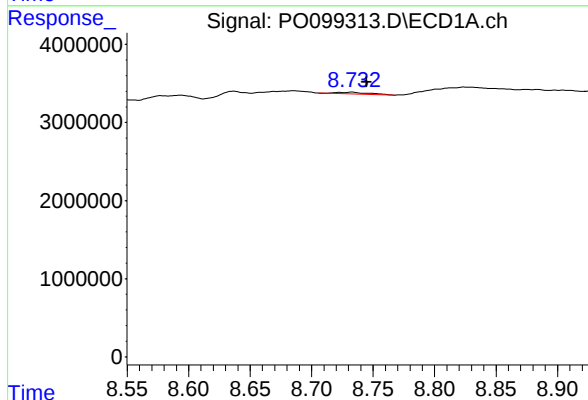
R.T.: 8.418 min
Delta R.T.: -0.010 min
Response: 2393671
Conc: 17.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



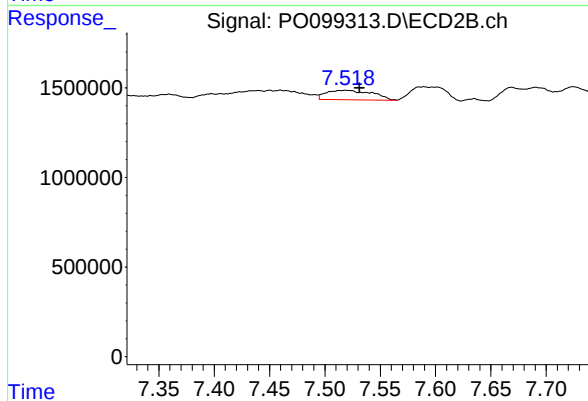
#37 AR-1262-2

R.T.: 6.981 min
Delta R.T.: -0.025 min
Response: 1224015
Conc: 29.48 ng/ml



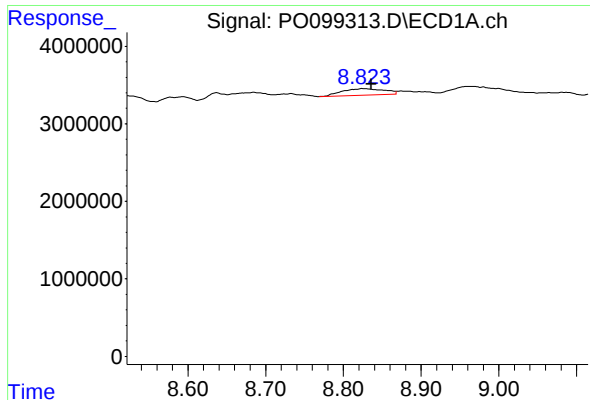
#38 AR-1262-3

R.T.: 8.732 min
Delta R.T.: -0.012 min
Response: 413267
Conc: 4.20 ng/ml



#38 AR-1262-3

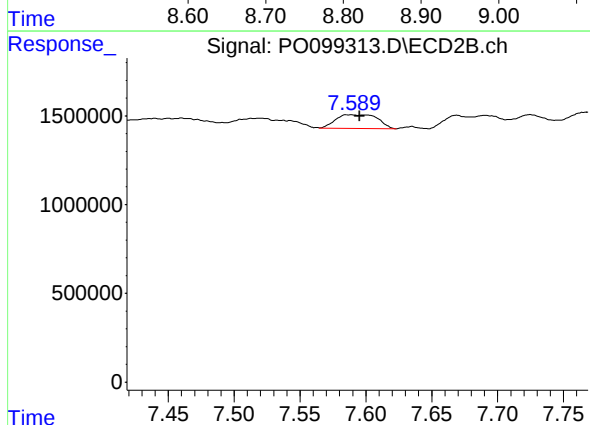
R.T.: 7.519 min
Delta R.T.: -0.012 min
Response: 1499491
Conc: 46.94 ng/ml



#39 AR-1262-4

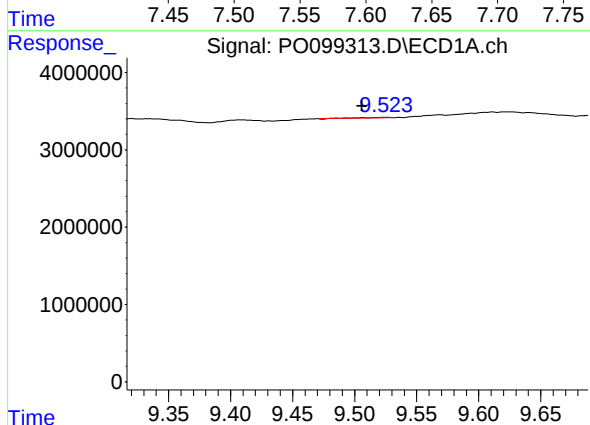
R.T.: 8.825 min
Delta R.T.: -0.011 min
Response: 3241131
Conc: 40.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



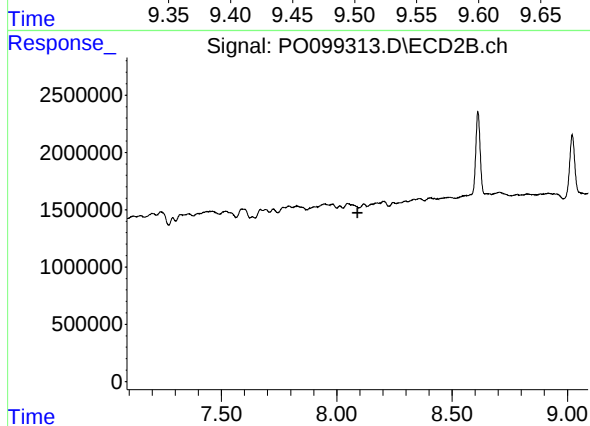
#39 AR-1262-4

R.T.: 7.589 min
Delta R.T.: -0.006 min
Response: 1707497
Conc: 31.06 ng/ml



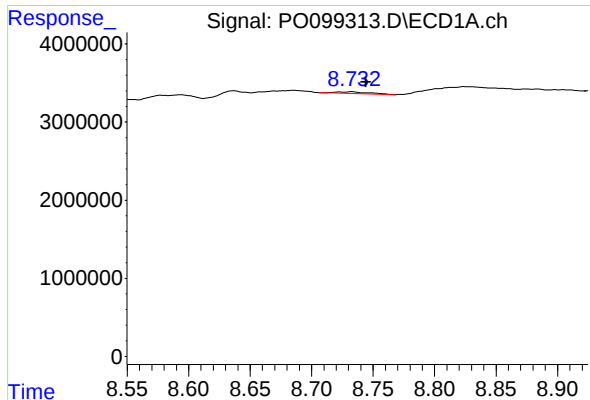
#40 AR-1262-5

R.T.: 9.525 min
Delta R.T.: 0.019 min
Response: 93983
Conc: 2.14 ng/ml



#40 AR-1262-5

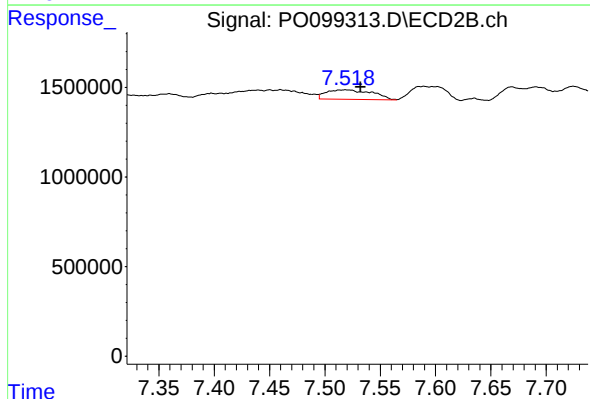
R.T.: 8.117 min
Delta R.T.: 0.027 min
Response: -9954
Conc: N.D.



#41 AR-1268-1

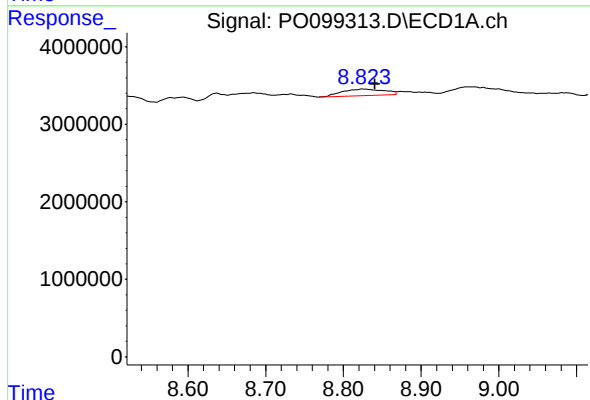
R.T.: 8.732 min
Delta R.T.: -0.012 min
Response: 413267
Conc: 2.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



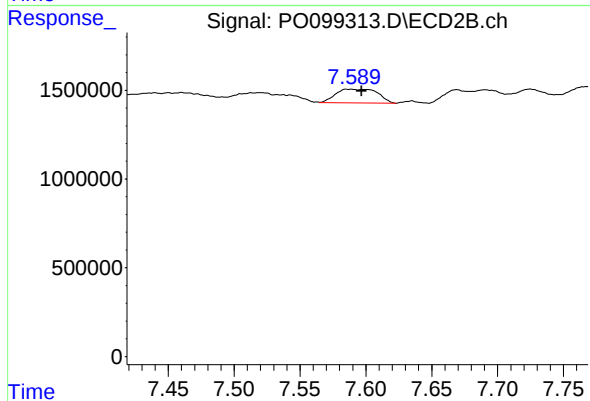
#41 AR-1268-1

R.T.: 7.519 min
Delta R.T.: -0.013 min
Response: 1499491
Conc: 16.81 ng/ml



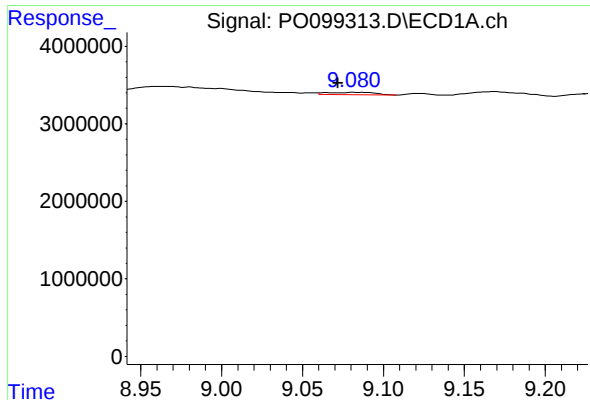
#42 AR-1268-2

R.T.: 8.825 min
Delta R.T.: -0.016 min
Response: 3241131
Conc: 20.67 ng/ml



#42 AR-1268-2

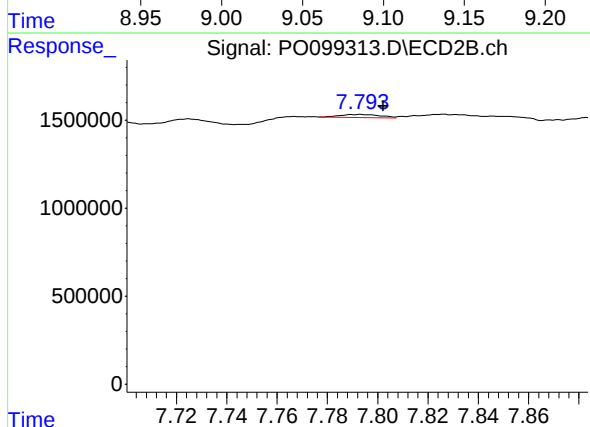
R.T.: 7.589 min
Delta R.T.: -0.007 min
Response: 1707497
Conc: 21.63 ng/ml



#43 AR-1268-3

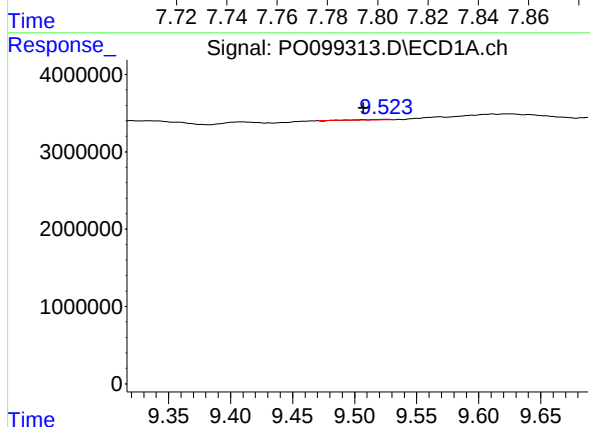
R.T.: 9.083 min
Delta R.T.: 0.011 min
Response: 605539
Conc: 4.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



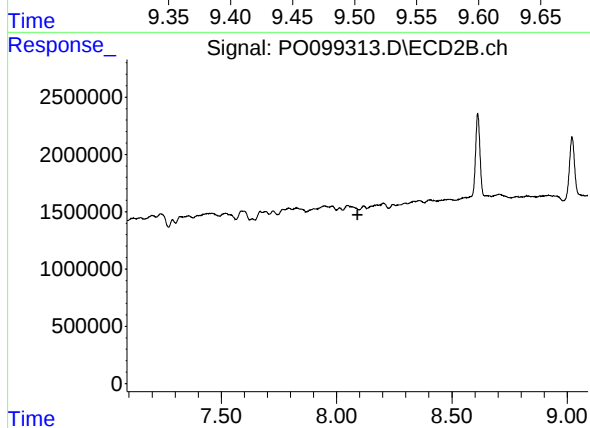
#43 AR-1268-3

R.T.: 7.793 min
Delta R.T.: -0.009 min
Response: 187631
Conc: 2.67 ng/ml



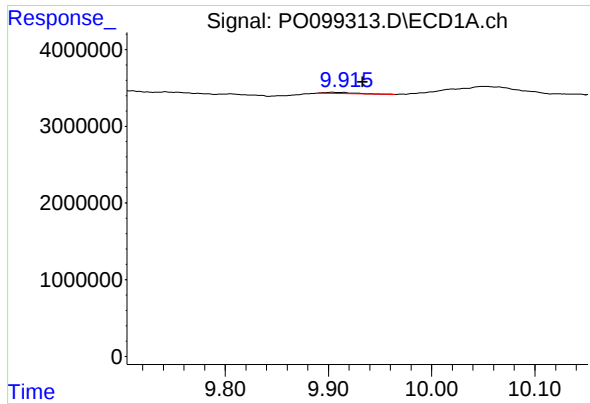
#44 AR-1268-4

R.T.: 9.525 min
Delta R.T.: 0.017 min
Response: 93983
Conc: 1.87 ng/ml



#44 AR-1268-4

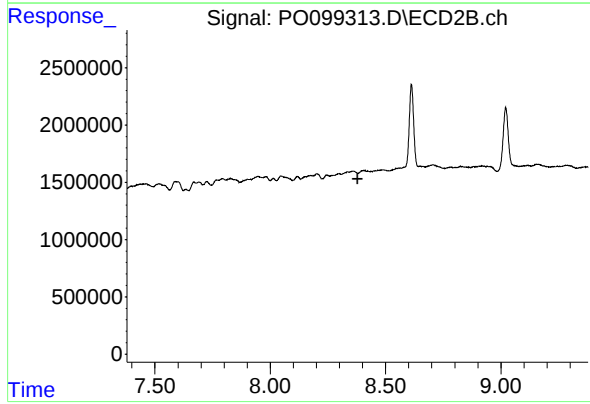
R.T.: 8.117 min
Delta R.T.: 0.027 min
Response: -9954
Conc: N.D.



#45 AR-1268-5

R.T.: 9.904 min
Delta R.T.: -0.029 min
Response: 249286
Conc: 0.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.405 min
Delta R.T.: 0.027 min
Response: -4297
Conc: N.D.