

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0121823\
 Data File : P0100545.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2023 14:02
 Operator : YP/AJ
 Sample : 05882-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 00:48:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0121523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 16 05:19:37 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...	4.473	3.698	31086350	29214268	19.652	19.239
2) SA Decachlor...	10.349	8.783	27552380	24563548	24.538	19.724
Target Compounds						
3) L1 AR-1016-1	5.644	4.798	2540221	1809845	54.845	54.852
4) L1 AR-1016-2	5.682	4.827	1056510	5162018	15.555	113.922 #
5) L1 AR-1016-3	5.759	4.995	1175575	2772053	27.964	115.935 #
6) L1 AR-1016-4	5.843	5.048	202171	9960630	6.100	487.426 #
7) L1 AR-1016-5	6.117	5.250	5025736	5083358	142.381	197.780 #
8) L2 AR-1221-1	4.663	3.920	740562	253140	42.143	14.156 #
9) L2 AR-1221-2	4.790	4.006	950423	600497	71.980	45.916 #
10) L2 AR-1221-3	4.850	4.082	794812	373230	19.173	10.016 #
11) L3 AR-1232-1	4.850	4.082	794812	373230	24.584	12.601 #
12) L3 AR-1232-2	5.410	4.827	6045250	5162018	356.358	247.133 #
13) L3 AR-1232-3	5.682	4.995	1056510	2772053	35.618	256.478 #
14) L3 AR-1232-4	5.843	5.103	202171	11749808	14.820	1139.296 #
15) L3 AR-1232-5	5.938	5.250	9953938	5083358	829.614	459.425 #
16) L4 AR-1242-1	5.644	4.798	2540221	1809845	68.639	66.339
17) L4 AR-1242-2	5.682	4.827	1056510	5162018	19.564	137.252 #
18) L4 AR-1242-3	5.759	4.995	1175575	2772053	35.307	138.946 #
19) L4 AR-1242-4	5.843	5.103	202171	11749808	7.778	559.937 #
20) L4 AR-1242-5	6.575	5.623	5855376	9870024	237.814	425.098 #
21) L5 AR-1248-1	5.644	4.798	2540221	1809845	94.436	86.908
22) L5 AR-1248-2	5.938	5.048	9953938	9960630	220.444	340.233 #
23) L5 AR-1248-3	6.117	5.103	5025736	11749808	103.921	389.725 #
24) L5 AR-1248-4	6.538	5.250	8608709	5083358	197.412	147.367 #
25) L5 AR-1248-5	6.575	5.664	5855376	4792405	140.563	162.735
26) L6 AR-1254-1	6.500	5.623	8302901	9870024	151.430	196.238 #
27) L6 AR-1254-2	6.720	5.761	120871	5287738	1.497	114.954 #
28) L6 AR-1254-3	7.144	6.169	2805894	1688624	36.703	22.340 #
29) L6 AR-1254-4	7.387	6.395	1591421	1806487	36.697	42.786
30) L6 AR-1254-5	7.830	6.824	2801630	921199	50.545	12.564 #
31) L7 AR-1260-1	7.285	6.301	640978	2977612	9.975	49.351 #
32) L7 AR-1260-2	7.541	6.489	3539371	4739640	50.101	66.321 #
33) L7 AR-1260-3	7.918	6.648	5441908	371282	97.452	5.290 #
34) L7 AR-1260-4	8.144	7.109	581080	1513093	9.474	25.048 #
35) L7 AR-1260-5	8.468	7.365	1163444	1050159	10.247	8.020
36) L8 AR-1262-1	7.830	6.824	2801630	921199	59.951	23.898 #
37) L8 AR-1262-2	8.468	7.109	1163444	1513093	9.804	19.438 #
38) L8 AR-1262-3	8.784	7.660	168729	-35747	2.027	N.D. #
39) L8 AR-1262-4	8.890	7.718	1213783	900349	18.509	8.226 #
40) L8 AR-1262-5	9.544	8.218	233723	114284	5.989	2.457 #
41) L9 AR-1268-1	8.784	7.660	168729	-35747	1.106	N.D. #

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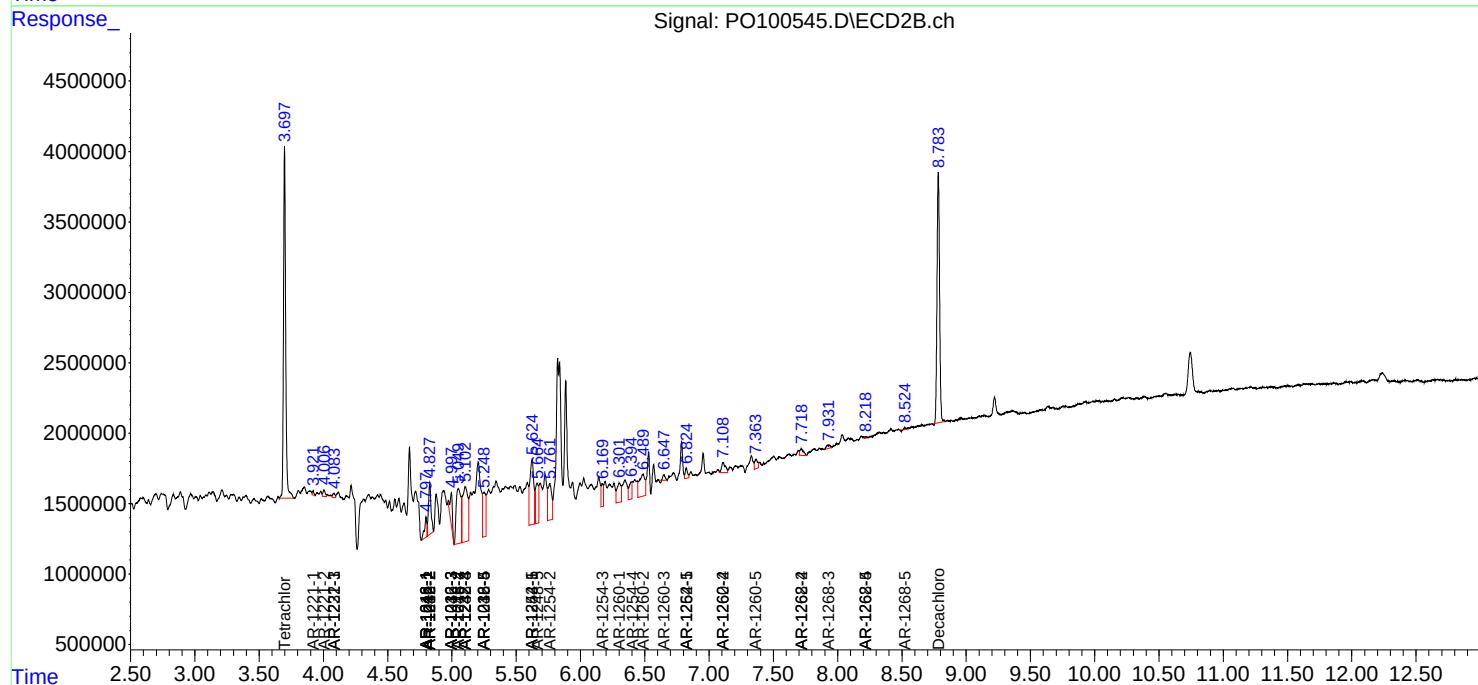
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

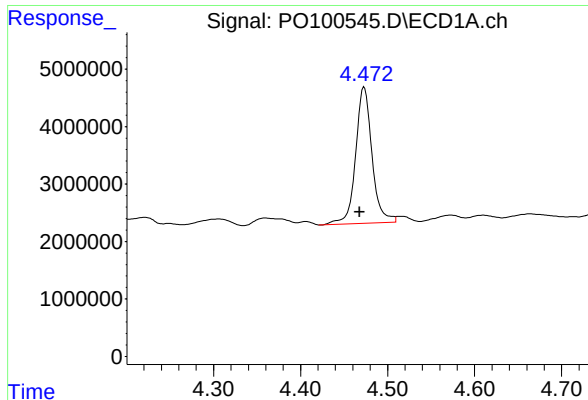
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.890	7.718	1213783	900349	9.087	5.589 #
43) L9	AR-1268-3	9.129	7.932	270628	466972	2.161	3.098 #
44) L9	AR-1268-4	9.544	8.218	233723	114284	5.484	2.165 #
45) L9	AR-1268-5	9.985	8.523	410678	26429	1.142	0.063 #

(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

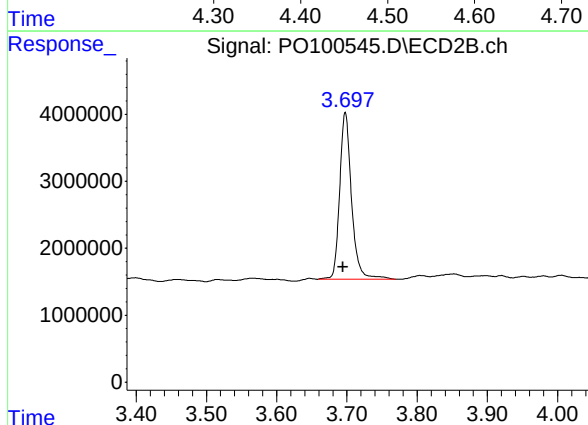




#1 Tetrachloro-m-xylene

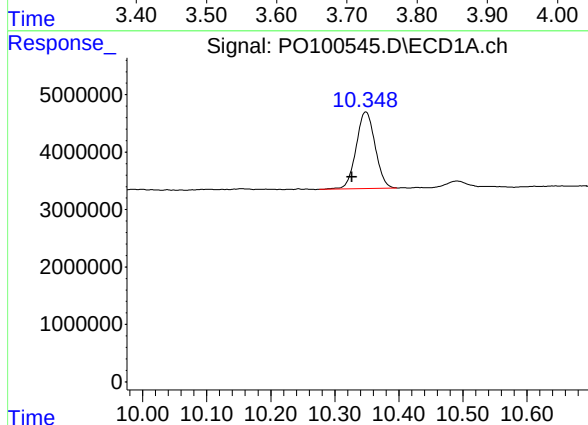
R.T.: 4.473 min
Delta R.T.: 0.005 min
Response: 31086350
Conc: 19.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



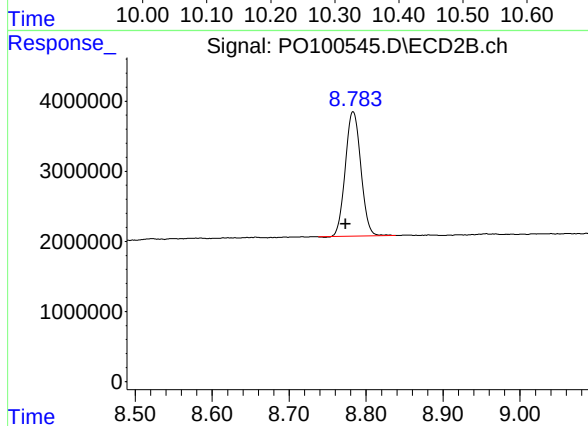
#1 Tetrachloro-m-xylene

R.T.: 3.698 min
Delta R.T.: 0.003 min
Response: 29214268
Conc: 19.24 ng/ml



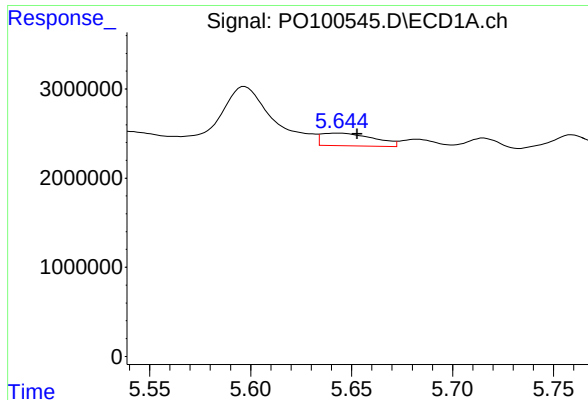
#2 Decachlorobiphenyl

R.T.: 10.349 min
Delta R.T.: 0.022 min
Response: 27552380
Conc: 24.54 ng/ml



#2 Decachlorobiphenyl

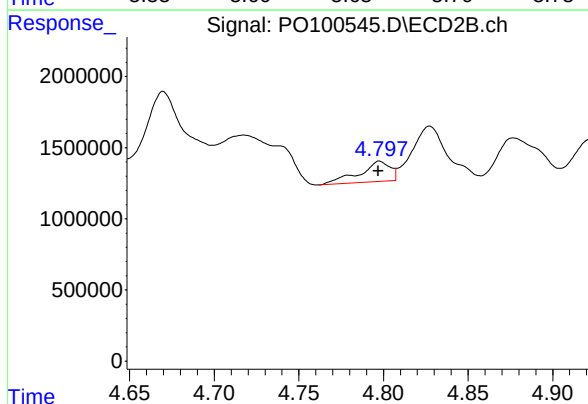
R.T.: 8.783 min
Delta R.T.: 0.010 min
Response: 24563548
Conc: 19.72 ng/ml



#3 AR-1016-1

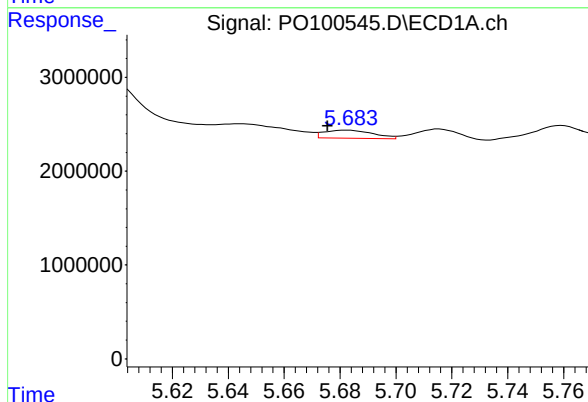
R.T.: 5.644 min
Delta R.T.: -0.008 min
Response: 2540221
Conc: 54.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



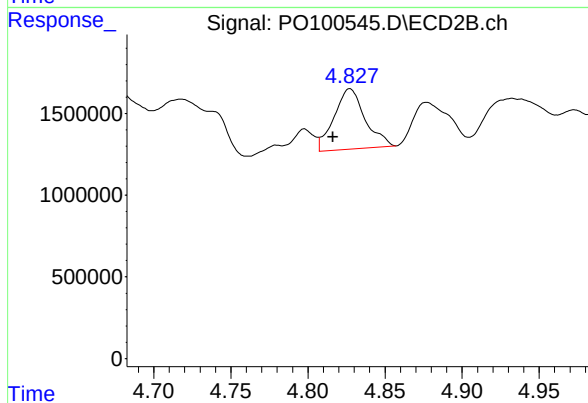
#3 AR-1016-1

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 1809845
Conc: 54.85 ng/ml



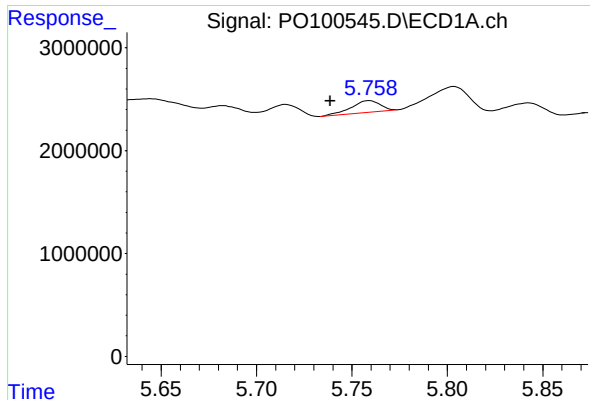
#4 AR-1016-2

R.T.: 5.682 min
Delta R.T.: 0.007 min
Response: 1056510
Conc: 15.55 ng/ml



#4 AR-1016-2

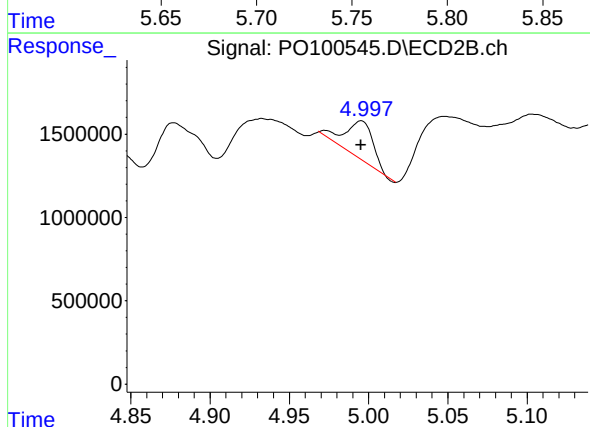
R.T.: 4.827 min
Delta R.T.: 0.011 min
Response: 5162018
Conc: 113.92 ng/ml



#5 AR-1016-3

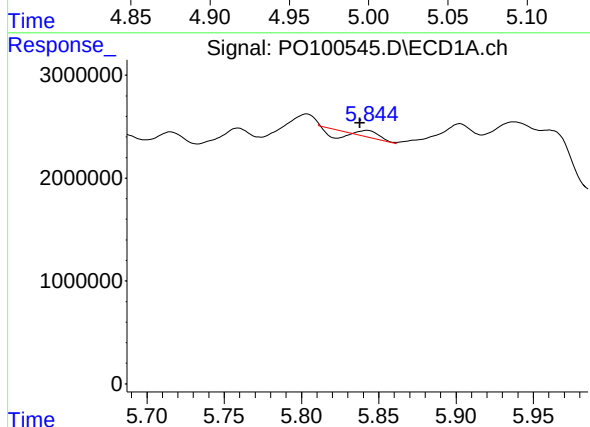
R.T.: 5.759 min
Delta R.T.: 0.020 min
Response: 1175575
Conc: 27.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



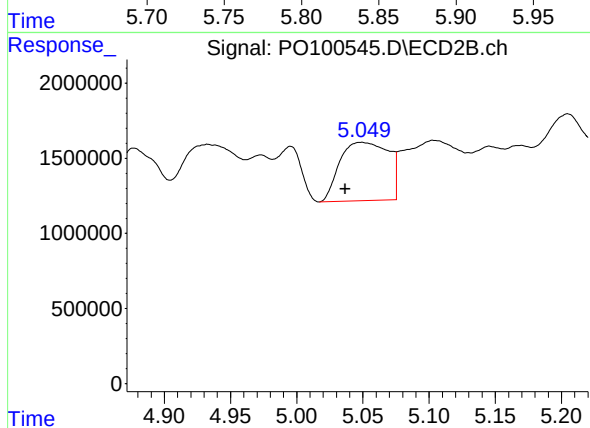
#5 AR-1016-3

R.T.: 4.995 min
Delta R.T.: 0.000 min
Response: 2772053
Conc: 115.94 ng/ml



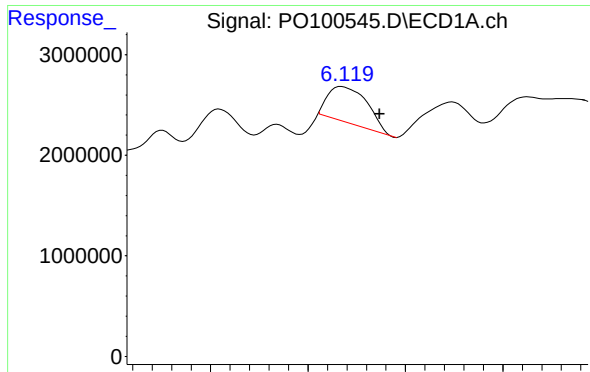
#6 AR-1016-4

R.T.: 5.843 min
Delta R.T.: 0.005 min
Response: 202171
Conc: 6.10 ng/ml



#6 AR-1016-4

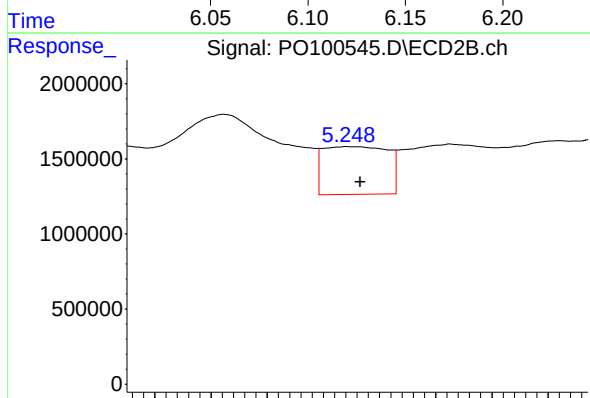
R.T.: 5.048 min
Delta R.T.: 0.012 min
Response: 9960630
Conc: 487.43 ng/ml



#7 AR-1016-5

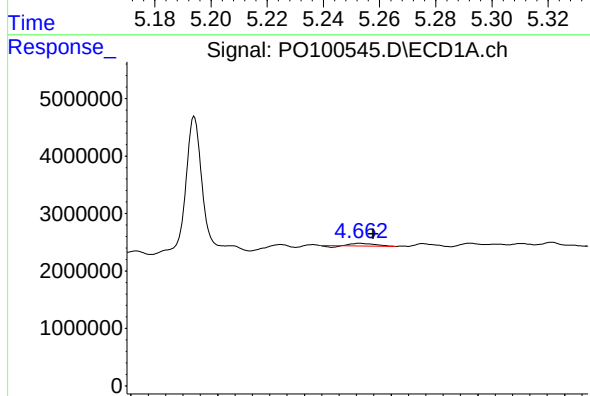
R.T.: 6.117 min
Delta R.T.: -0.019 min
Response: 5025736
Conc: 142.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



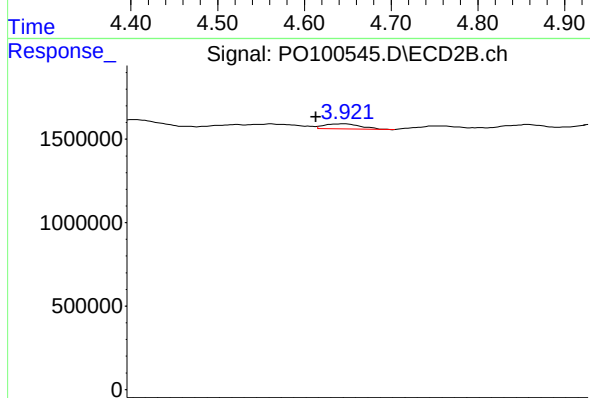
#7 AR-1016-5

R.T.: 5.250 min
Delta R.T.: -0.003 min
Response: 5083358
Conc: 197.78 ng/ml



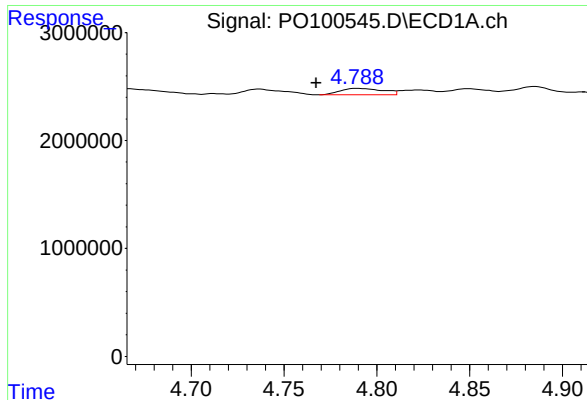
#8 AR-1221-1

R.T.: 4.663 min
Delta R.T.: -0.017 min
Response: 740562
Conc: 42.14 ng/ml



#8 AR-1221-1

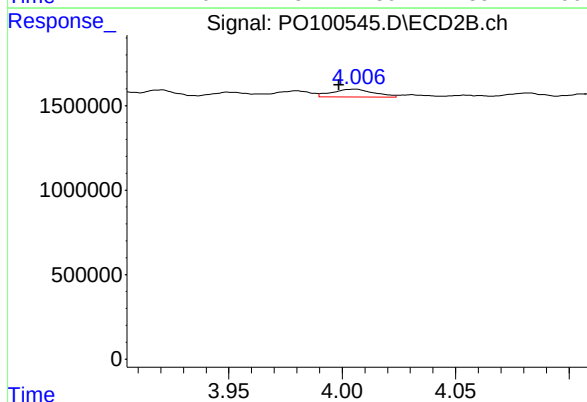
R.T.: 3.920 min
Delta R.T.: 0.009 min
Response: 253140
Conc: 14.16 ng/ml



#9 AR-1221-2

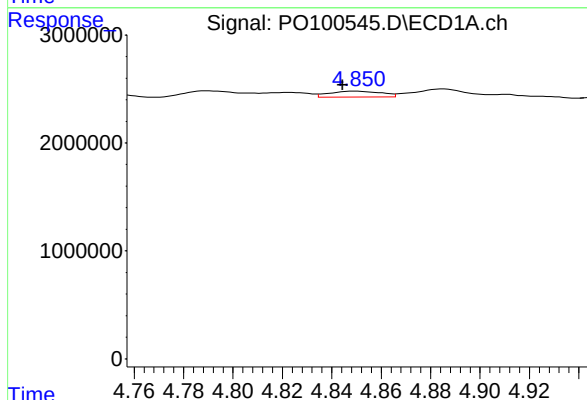
R.T.: 4.790 min
Delta R.T.: 0.022 min
Response: 950423
Conc: 71.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



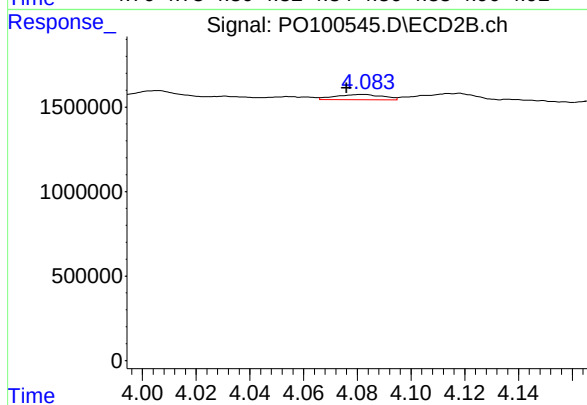
#9 AR-1221-2

R.T.: 4.006 min
Delta R.T.: 0.007 min
Response: 600497
Conc: 45.92 ng/ml



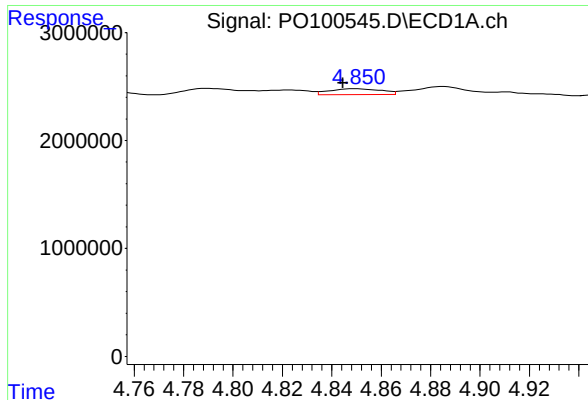
#10 AR-1221-3

R.T.: 4.850 min
Delta R.T.: 0.005 min
Response: 794812
Conc: 19.17 ng/ml



#10 AR-1221-3

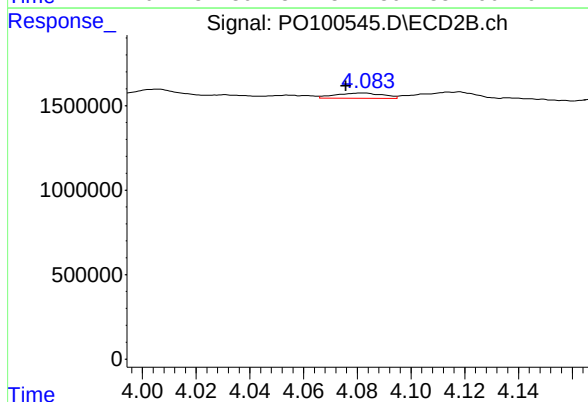
R.T.: 4.082 min
Delta R.T.: 0.006 min
Response: 373230
Conc: 10.02 ng/ml



#11 AR-1232-1

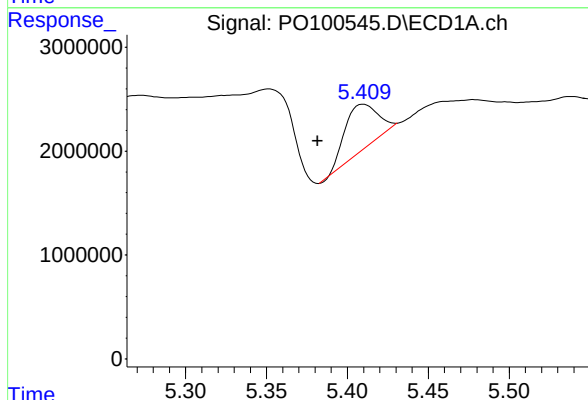
R.T.: 4.850 min
Delta R.T.: 0.005 min
Response: 794812
Conc: 24.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



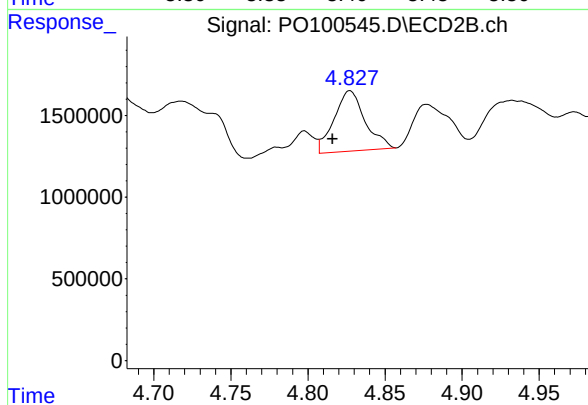
#11 AR-1232-1

R.T.: 4.082 min
Delta R.T.: 0.007 min
Response: 373230
Conc: 12.60 ng/ml



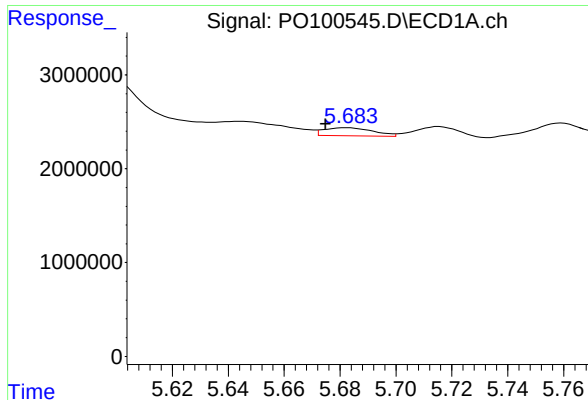
#12 AR-1232-2

R.T.: 5.410 min
Delta R.T.: 0.028 min
Response: 6045250
Conc: 356.36 ng/ml



#12 AR-1232-2

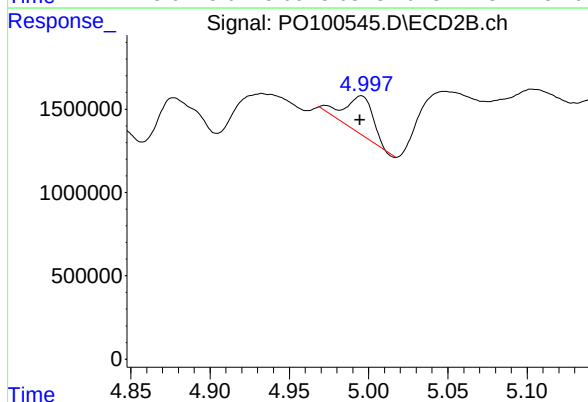
R.T.: 4.827 min
Delta R.T.: 0.011 min
Response: 5162018
Conc: 247.13 ng/ml



#13 AR-1232-3

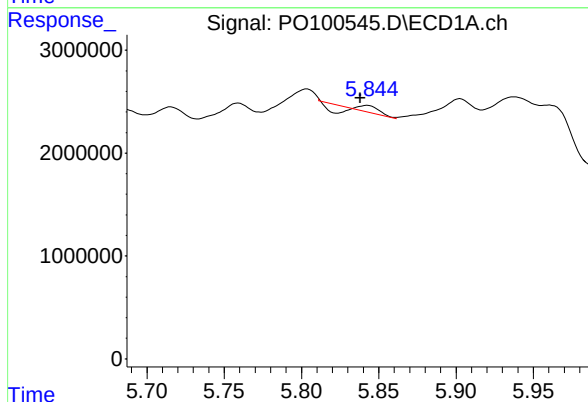
R.T.: 5.682 min
Delta R.T.: 0.008 min
Response: 1056510
Conc: 35.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



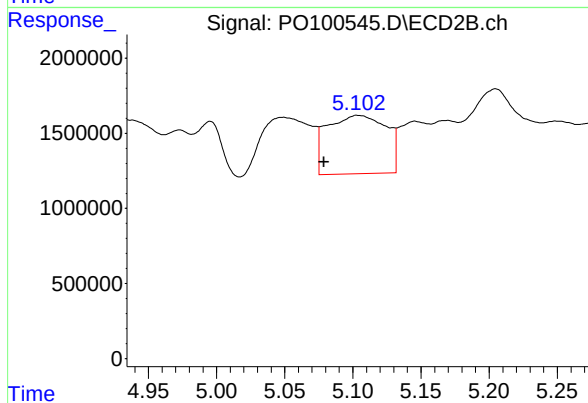
#13 AR-1232-3

R.T.: 4.995 min
Delta R.T.: 0.000 min
Response: 2772053
Conc: 256.48 ng/ml



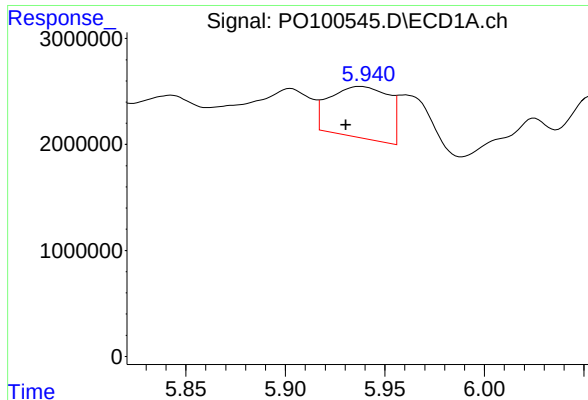
#14 AR-1232-4

R.T.: 5.843 min
Delta R.T.: 0.005 min
Response: 202171
Conc: 14.82 ng/ml



#14 AR-1232-4

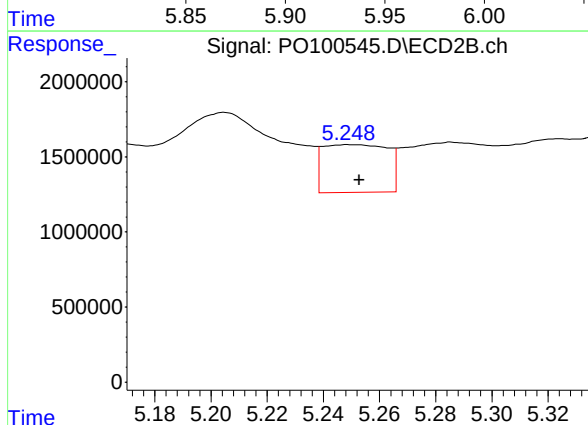
R.T.: 5.103 min
Delta R.T.: 0.025 min
Response: 11749808
Conc: 1139.30 ng/ml



#15 AR-1232-5

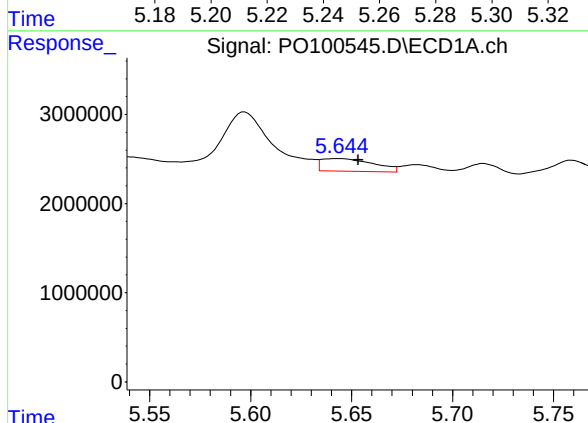
R.T.: 5.938 min
Delta R.T.: 0.007 min
Response: 9953938
Conc: 829.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



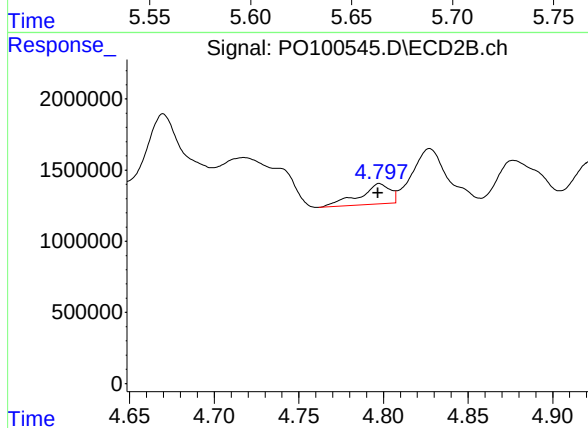
#15 AR-1232-5

R.T.: 5.250 min
Delta R.T.: -0.003 min
Response: 5083358
Conc: 459.42 ng/ml



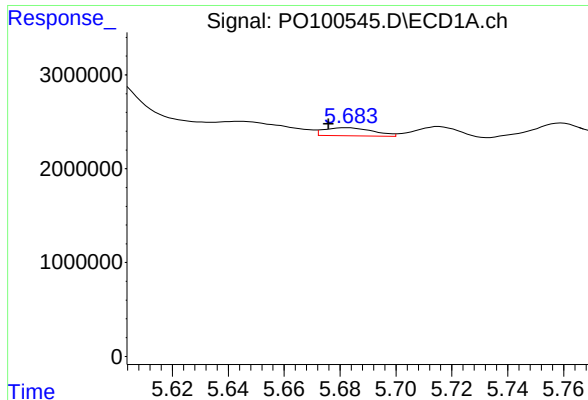
#16 AR-1242-1

R.T.: 5.644 min
Delta R.T.: -0.009 min
Response: 2540221
Conc: 68.64 ng/ml



#16 AR-1242-1

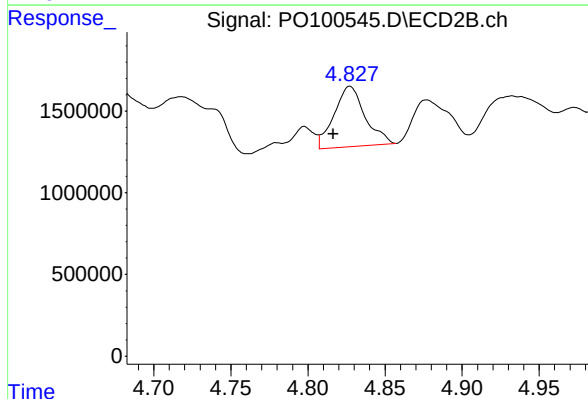
R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 1809845
Conc: 66.34 ng/ml



#17 AR-1242-2

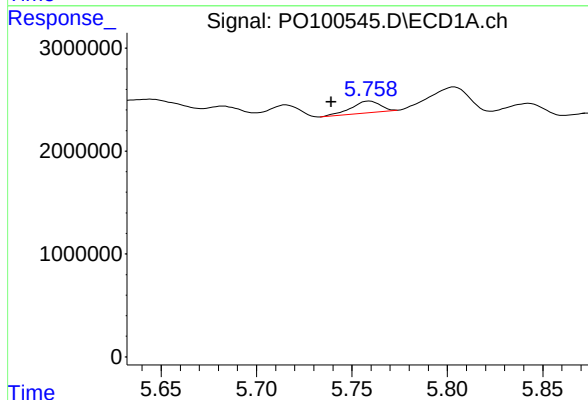
R.T.: 5.682 min
Delta R.T.: 0.007 min
Response: 1056510
Conc: 19.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



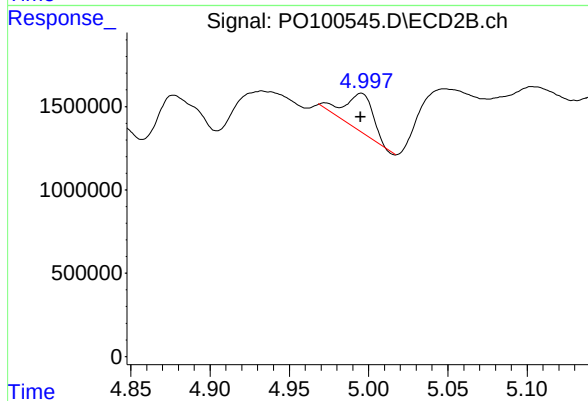
#17 AR-1242-2

R.T.: 4.827 min
Delta R.T.: 0.011 min
Response: 5162018
Conc: 137.25 ng/ml



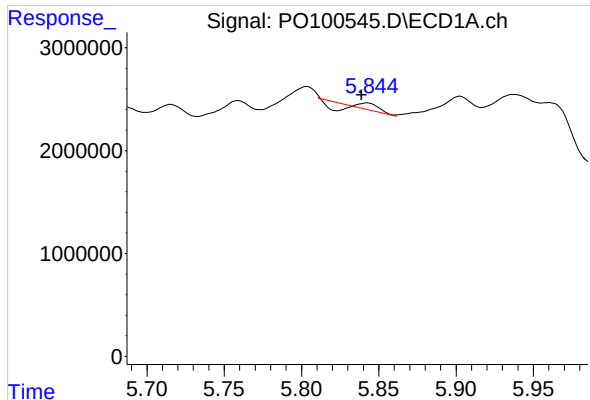
#18 AR-1242-3

R.T.: 5.759 min
Delta R.T.: 0.020 min
Response: 1175575
Conc: 35.31 ng/ml



#18 AR-1242-3

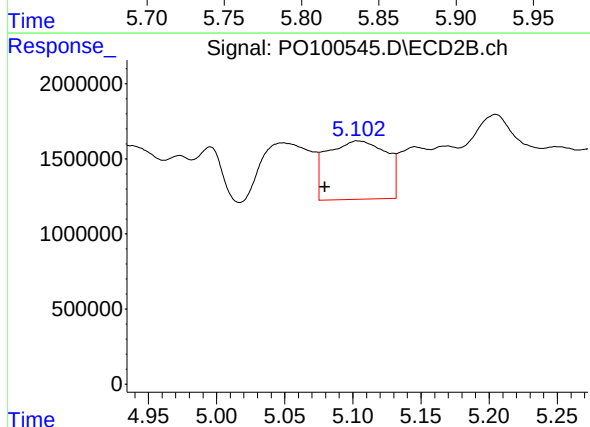
R.T.: 4.995 min
Delta R.T.: 0.000 min
Response: 2772053
Conc: 138.95 ng/ml



#19 AR-1242-4

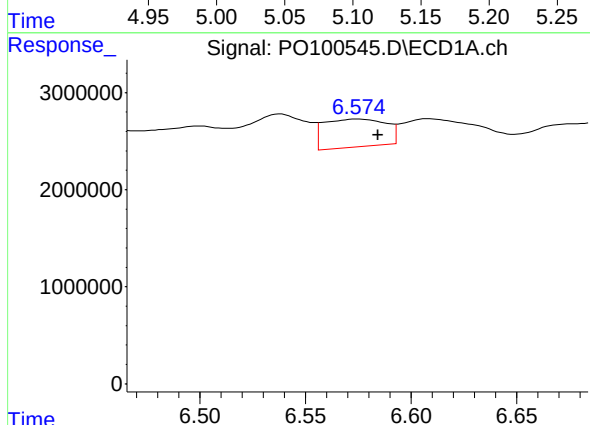
R.T.: 5.843 min
Delta R.T.: 0.004 min
Response: 202171
Conc: 7.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



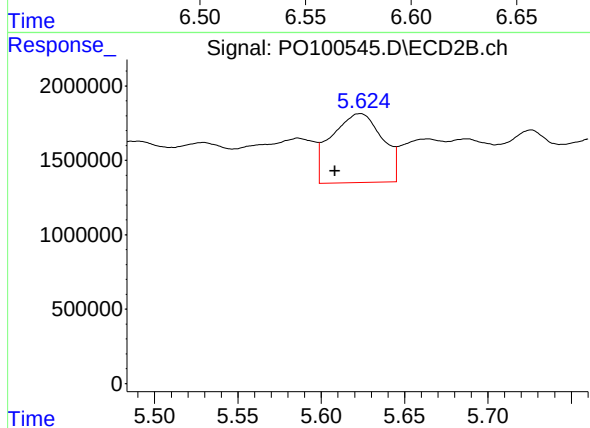
#19 AR-1242-4

R.T.: 5.103 min
Delta R.T.: 0.024 min
Response: 11749808
Conc: 559.94 ng/ml



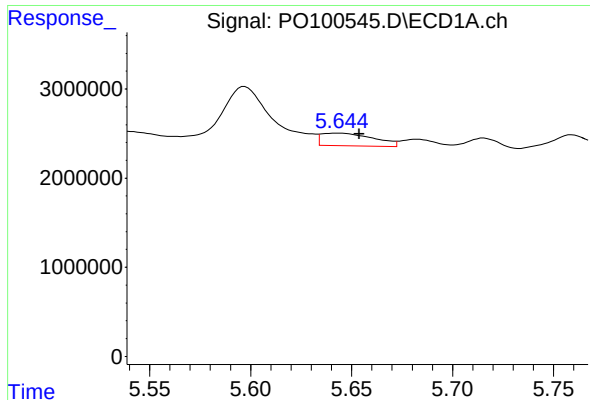
#20 AR-1242-5

R.T.: 6.575 min
Delta R.T.: -0.009 min
Response: 5855376
Conc: 237.81 ng/ml



#20 AR-1242-5

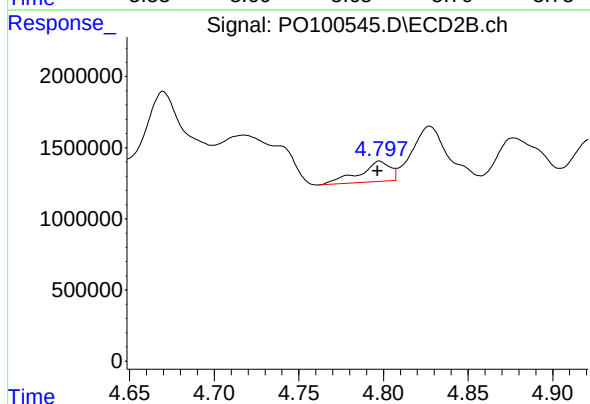
R.T.: 5.623 min
Delta R.T.: 0.015 min
Response: 9870024
Conc: 425.10 ng/ml



#21 AR-1248-1

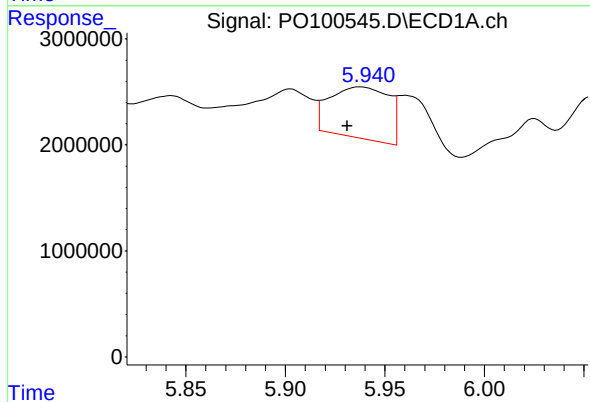
R.T.: 5.644 min
Delta R.T.: -0.010 min
Response: 2540221
Conc: 94.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



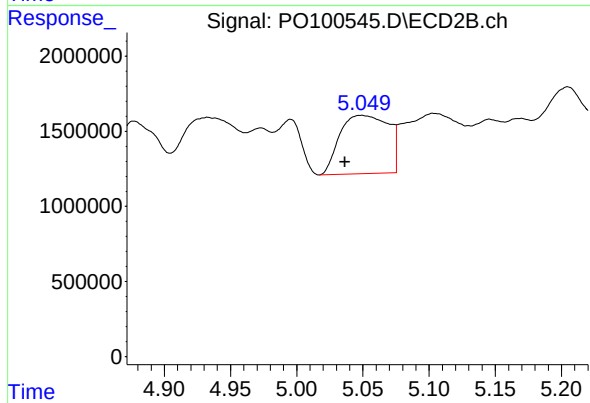
#21 AR-1248-1

R.T.: 4.798 min
Delta R.T.: 0.001 min
Response: 1809845
Conc: 86.91 ng/ml



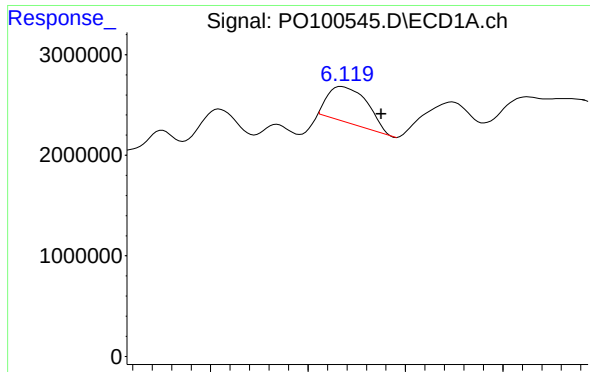
#22 AR-1248-2

R.T.: 5.938 min
Delta R.T.: 0.006 min
Response: 9953938
Conc: 220.44 ng/ml



#22 AR-1248-2

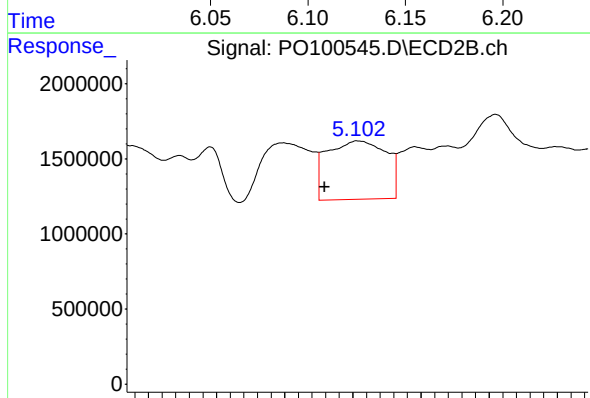
R.T.: 5.048 min
Delta R.T.: 0.012 min
Response: 9960630
Conc: 340.23 ng/ml



#23 AR-1248-3

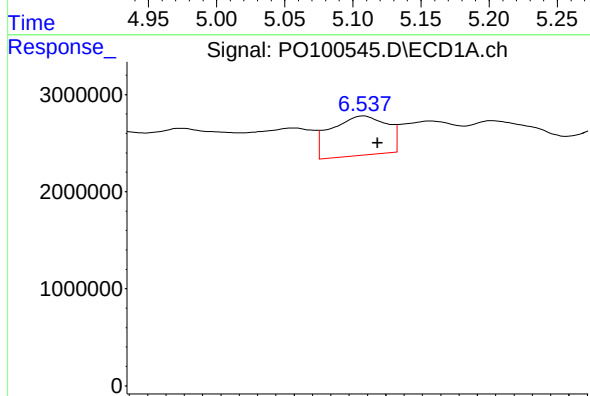
R.T.: 6.117 min
Delta R.T.: -0.020 min
Response: 5025736
Conc: 103.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



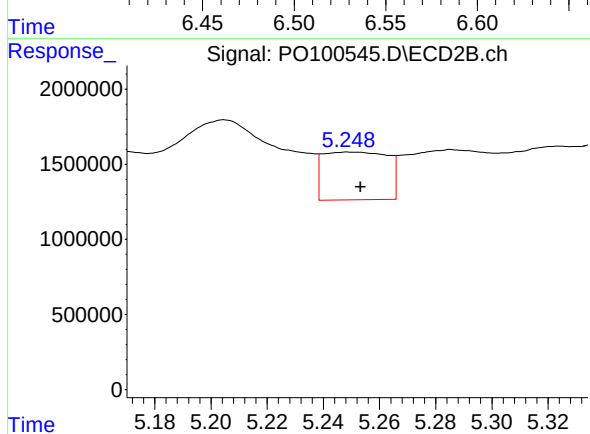
#23 AR-1248-3

R.T.: 5.103 min
Delta R.T.: 0.024 min
Response: 11749808
Conc: 389.72 ng/ml



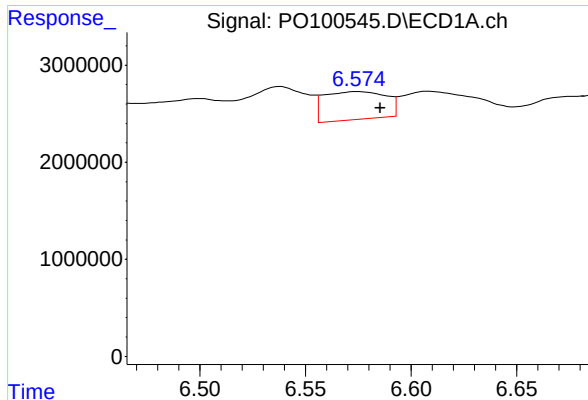
#24 AR-1248-4

R.T.: 6.538 min
Delta R.T.: -0.008 min
Response: 8608709
Conc: 197.41 ng/ml



#24 AR-1248-4

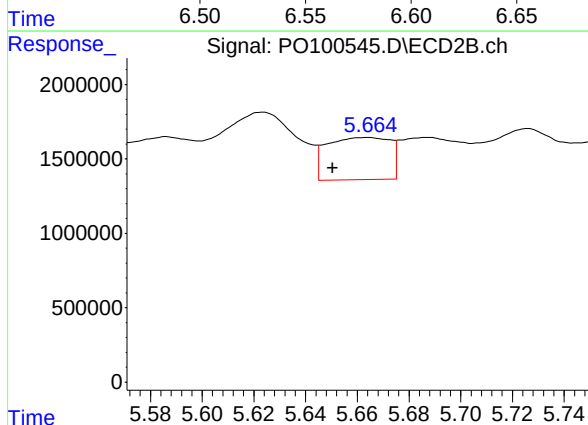
R.T.: 5.250 min
Delta R.T.: -0.004 min
Response: 5083358
Conc: 147.37 ng/ml



#25 AR-1248-5

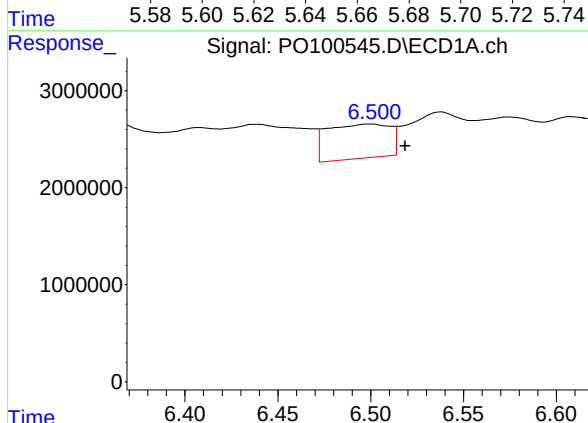
R.T.: 6.575 min
Delta R.T.: -0.010 min
Response: 5855376
Conc: 140.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



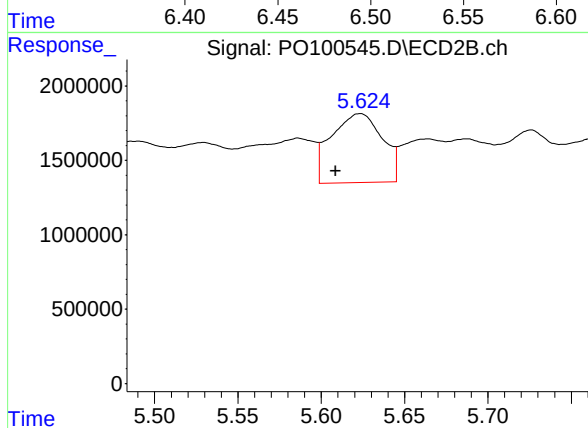
#25 AR-1248-5

R.T.: 5.664 min
Delta R.T.: 0.014 min
Response: 4792405
Conc: 162.74 ng/ml



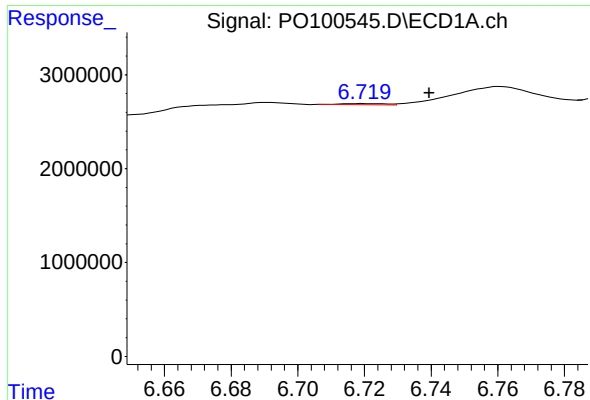
#26 AR-1254-1

R.T.: 6.500 min
Delta R.T.: -0.019 min
Response: 8302901
Conc: 151.43 ng/ml



#26 AR-1254-1

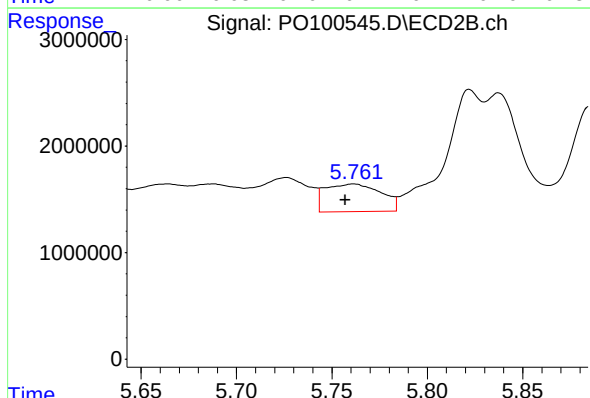
R.T.: 5.623 min
Delta R.T.: 0.015 min
Response: 9870024
Conc: 196.24 ng/ml



#27 AR-1254-2

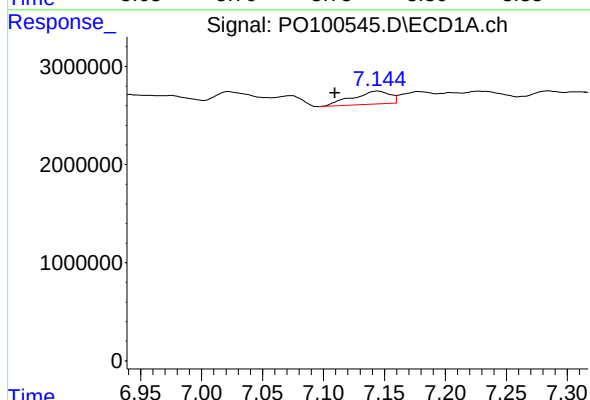
R.T.: 6.720 min
Delta R.T.: -0.020 min
Response: 120871
Conc: 1.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



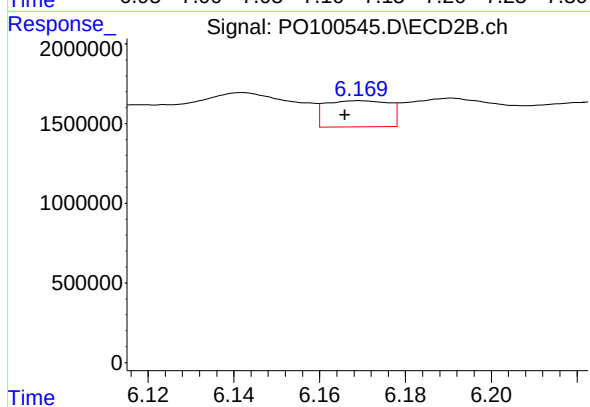
#27 AR-1254-2

R.T.: 5.761 min
Delta R.T.: 0.004 min
Response: 5287738
Conc: 114.95 ng/ml



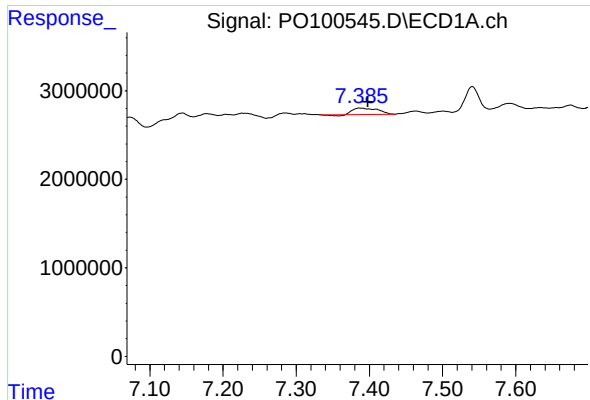
#28 AR-1254-3

R.T.: 7.144 min
Delta R.T.: 0.035 min
Response: 2805894
Conc: 36.70 ng/ml



#28 AR-1254-3

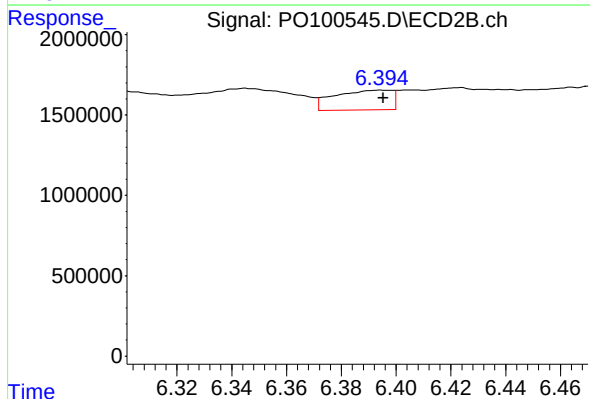
R.T.: 6.169 min
Delta R.T.: 0.003 min
Response: 1688624
Conc: 22.34 ng/ml



#29 AR-1254-4

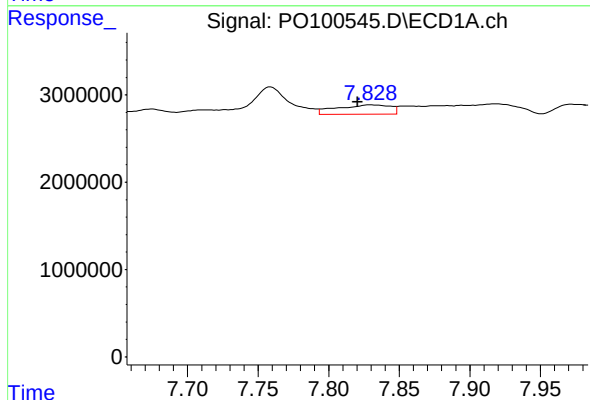
R.T.: 7.387 min
Delta R.T.: -0.011 min
Response: 1591421
Conc: 36.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



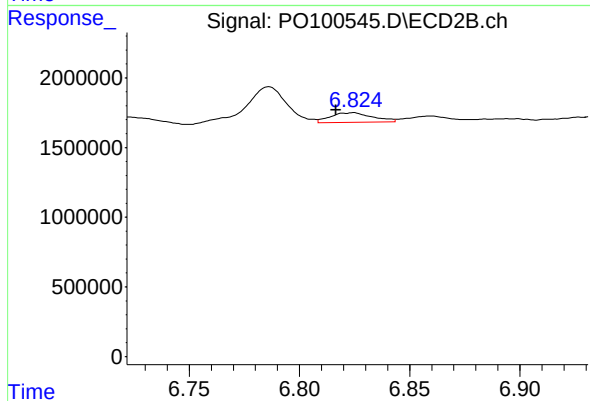
#29 AR-1254-4

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 1806487
Conc: 42.79 ng/ml



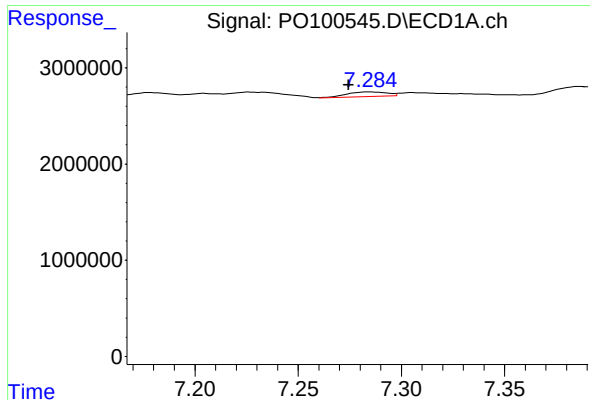
#30 AR-1254-5

R.T.: 7.830 min
Delta R.T.: 0.009 min
Response: 2801630
Conc: 50.55 ng/ml



#30 AR-1254-5

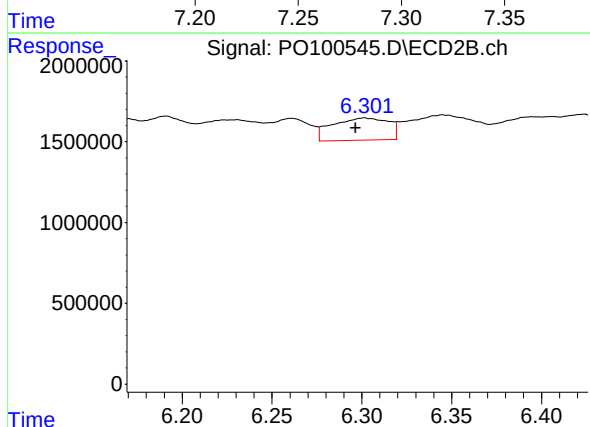
R.T.: 6.824 min
Delta R.T.: 0.008 min
Response: 921199
Conc: 12.56 ng/ml



#31 AR-1260-1

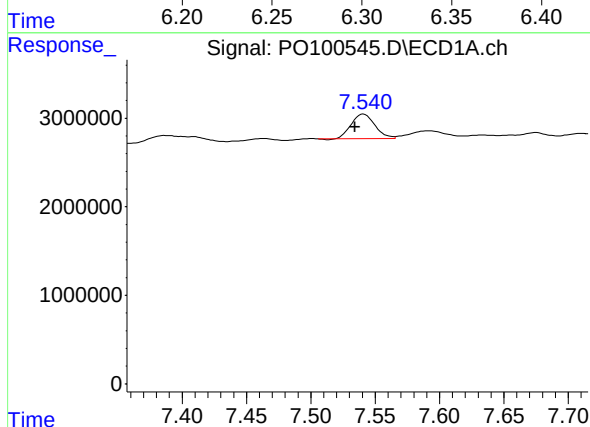
R.T.: 7.285 min
Delta R.T.: 0.010 min
Response: 640978
Conc: 9.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



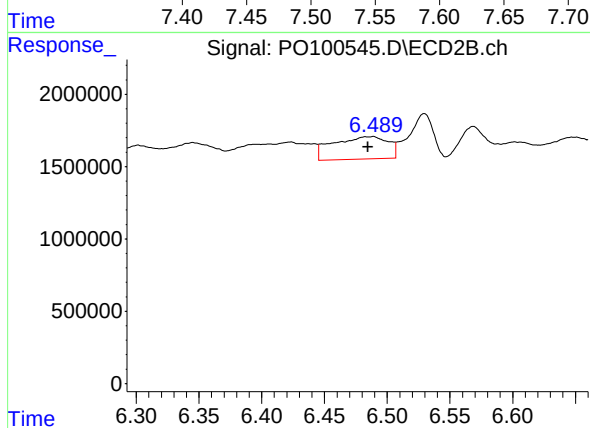
#31 AR-1260-1

R.T.: 6.301 min
Delta R.T.: 0.005 min
Response: 2977612
Conc: 49.35 ng/ml



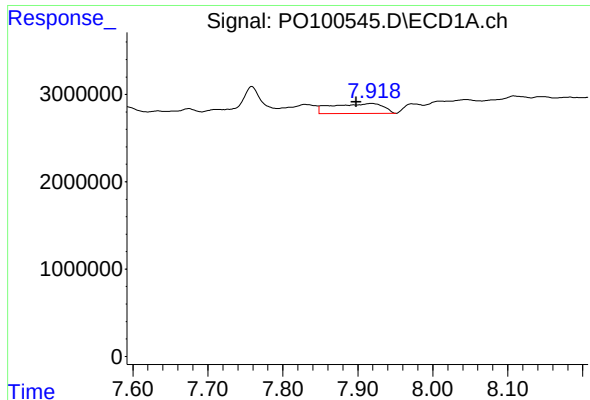
#32 AR-1260-2

R.T.: 7.541 min
Delta R.T.: 0.007 min
Response: 3539371
Conc: 50.10 ng/ml



#32 AR-1260-2

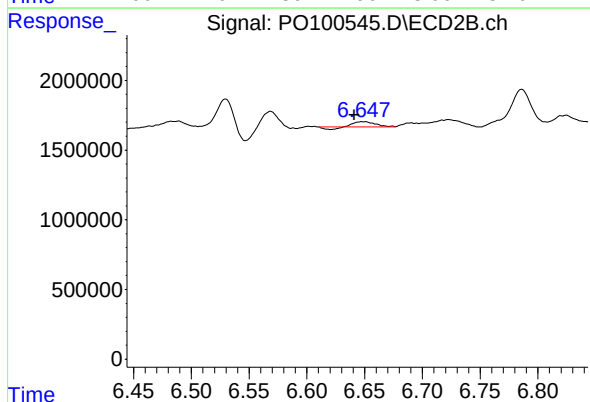
R.T.: 6.489 min
Delta R.T.: 0.004 min
Response: 4739640
Conc: 66.32 ng/ml



#33 AR-1260-3

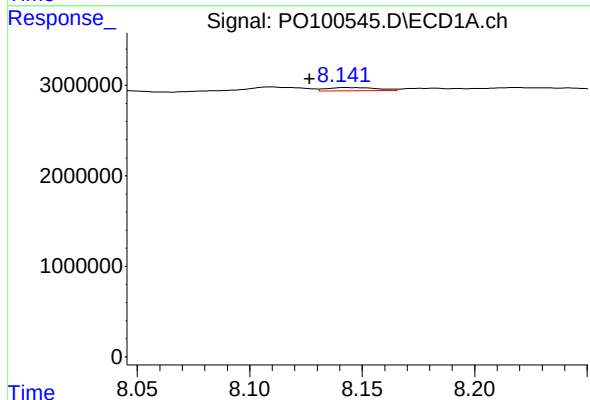
R.T.: 7.918 min
Delta R.T.: 0.020 min
Response: 5441908
Conc: 97.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



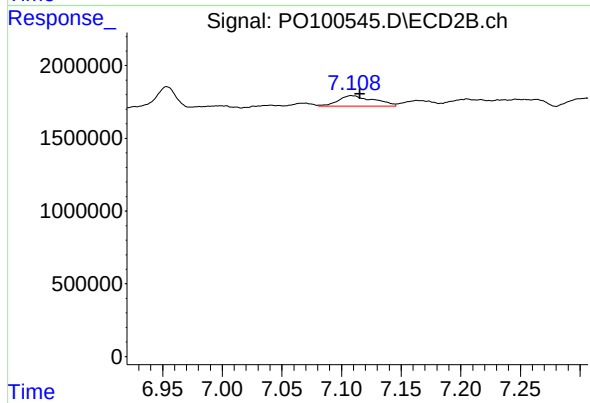
#33 AR-1260-3

R.T.: 6.648 min
Delta R.T.: 0.007 min
Response: 371282
Conc: 5.29 ng/ml



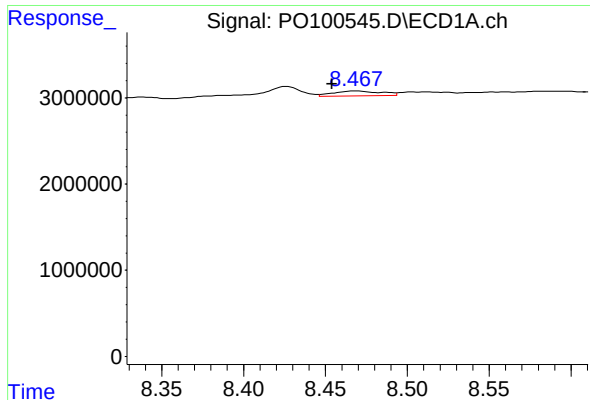
#34 AR-1260-4

R.T.: 8.144 min
Delta R.T.: 0.017 min
Response: 581080
Conc: 9.47 ng/ml



#34 AR-1260-4

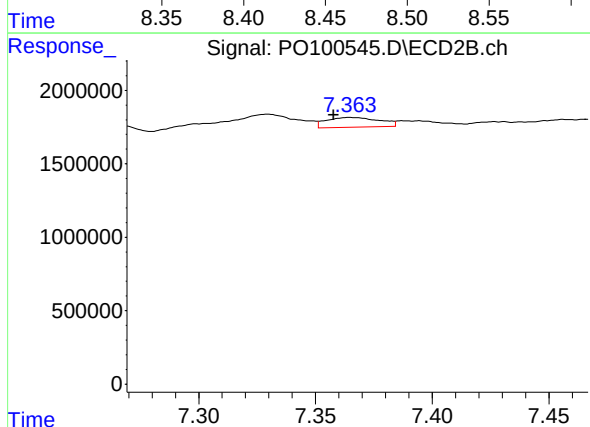
R.T.: 7.109 min
Delta R.T.: -0.007 min
Response: 1513093
Conc: 25.05 ng/ml



#35 AR-1260-5

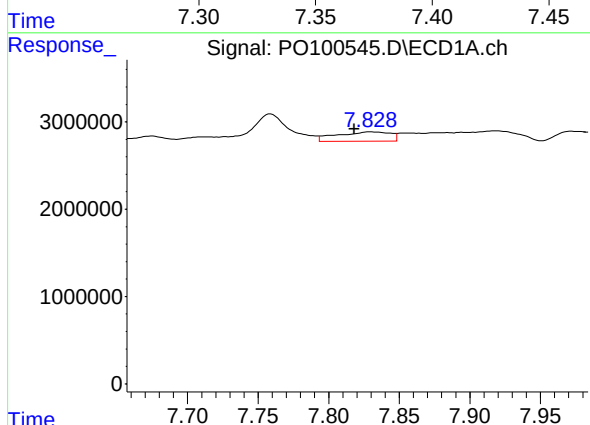
R.T.: 8.468 min
Delta R.T.: 0.015 min
Response: 1163444
Conc: 10.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



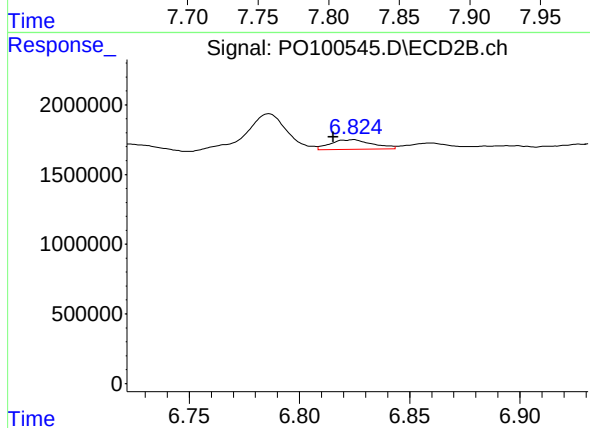
#35 AR-1260-5

R.T.: 7.365 min
Delta R.T.: 0.007 min
Response: 1050159
Conc: 8.02 ng/ml



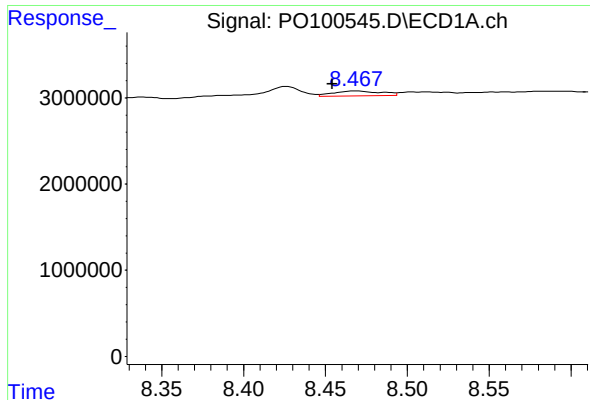
#36 AR-1262-1

R.T.: 7.830 min
Delta R.T.: 0.012 min
Response: 2801630
Conc: 59.95 ng/ml



#36 AR-1262-1

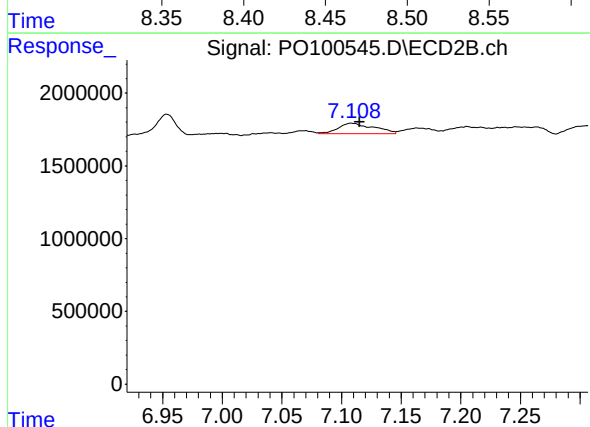
R.T.: 6.824 min
Delta R.T.: 0.009 min
Response: 921199
Conc: 23.90 ng/ml



#37 AR-1262-2

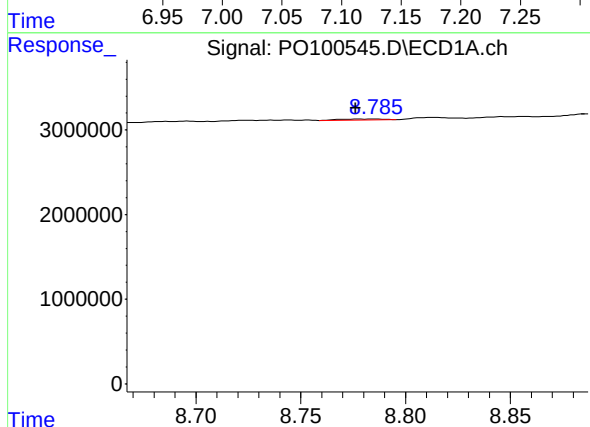
R.T.: 8.468 min
Delta R.T.: 0.014 min
Response: 1163444
Conc: 9.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



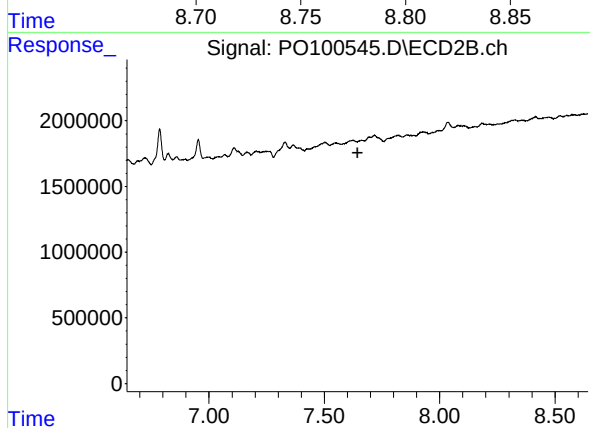
#37 AR-1262-2

R.T.: 7.109 min
Delta R.T.: -0.006 min
Response: 1513093
Conc: 19.44 ng/ml



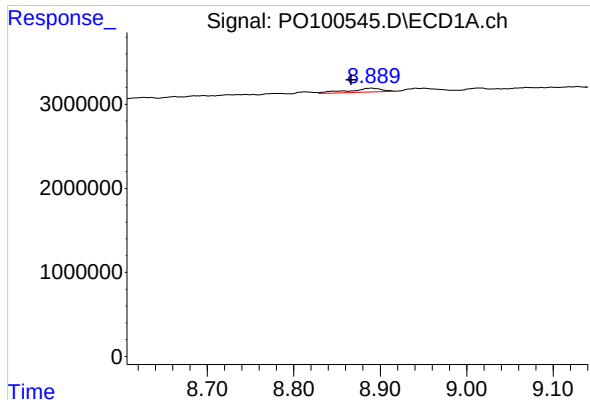
#38 AR-1262-3

R.T.: 8.784 min
Delta R.T.: 0.008 min
Response: 168729
Conc: 2.03 ng/ml



#38 AR-1262-3

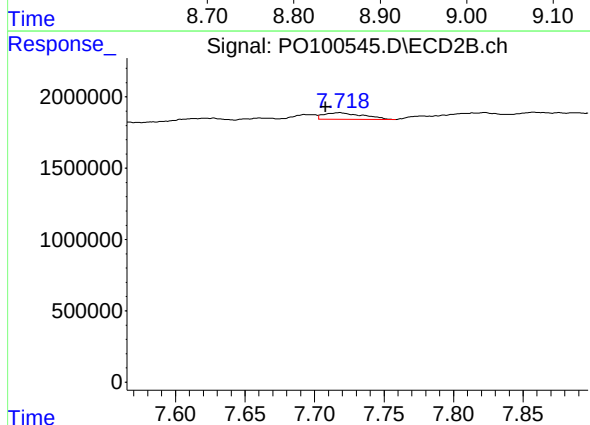
R.T.: 7.660 min
Delta R.T.: 0.017 min
Response: -35747
Conc: N.D.



#39 AR-1262-4

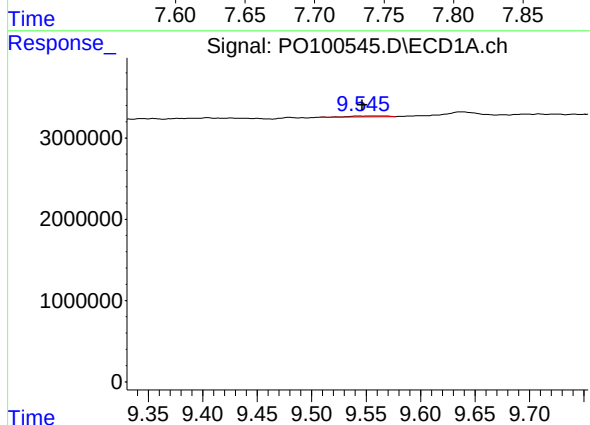
R.T.: 8.890 min
Delta R.T.: 0.023 min
Response: 1213783
Conc: 18.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



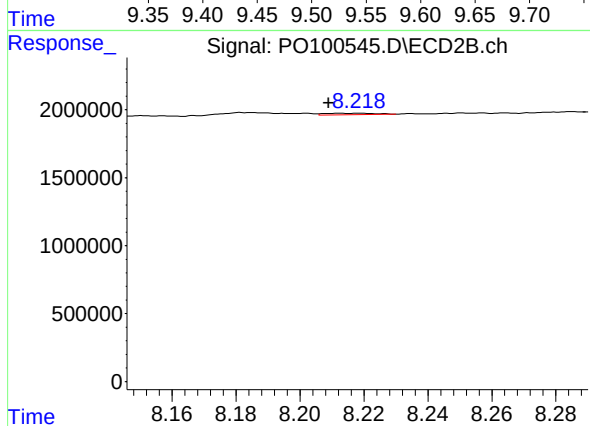
#39 AR-1262-4

R.T.: 7.718 min
Delta R.T.: 0.010 min
Response: 900349
Conc: 8.23 ng/ml



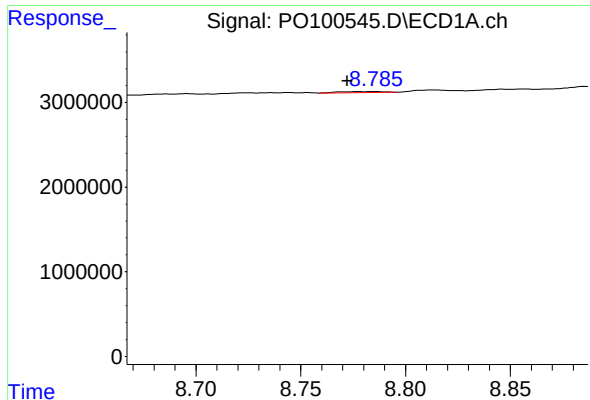
#40 AR-1262-5

R.T.: 9.544 min
Delta R.T.: -0.003 min
Response: 233723
Conc: 5.99 ng/ml



#40 AR-1262-5

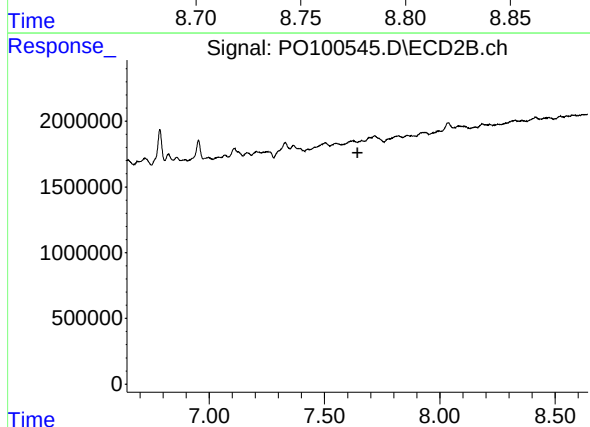
R.T.: 8.218 min
Delta R.T.: 0.009 min
Response: 114284
Conc: 2.46 ng/ml



#41 AR-1268-1

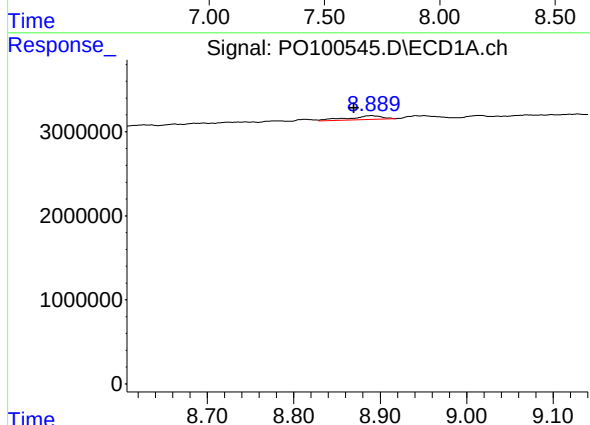
R.T.: 8.784 min
Delta R.T.: 0.012 min
Response: 168729
Conc: 1.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



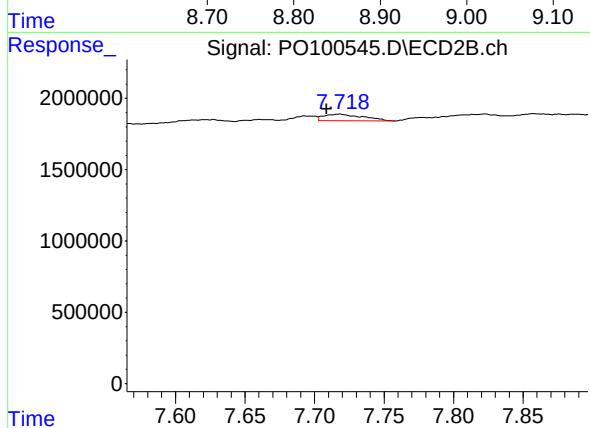
#41 AR-1268-1

R.T.: 7.660 min
Delta R.T.: 0.017 min
Response: -35747
Conc: N.D.



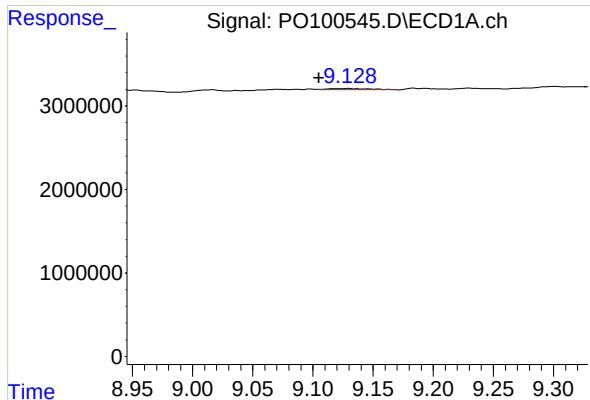
#42 AR-1268-2

R.T.: 8.890 min
Delta R.T.: 0.020 min
Response: 1213783
Conc: 9.09 ng/ml



#42 AR-1268-2

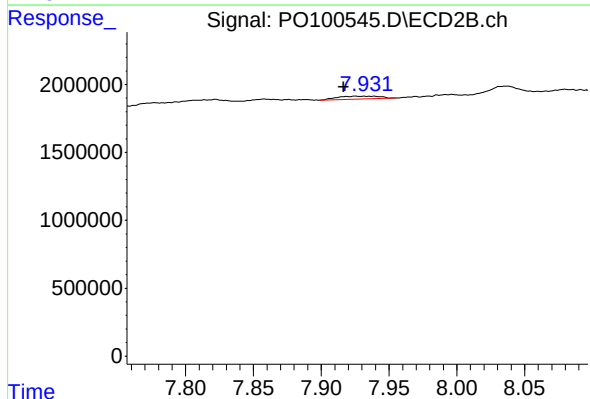
R.T.: 7.718 min
Delta R.T.: 0.009 min
Response: 900349
Conc: 5.59 ng/ml



#43 AR-1268-3

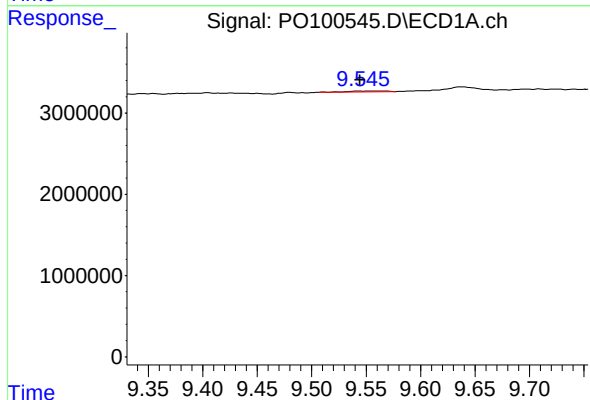
R.T.: 9.129 min
Delta R.T.: 0.024 min
Response: 270628
Conc: 2.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



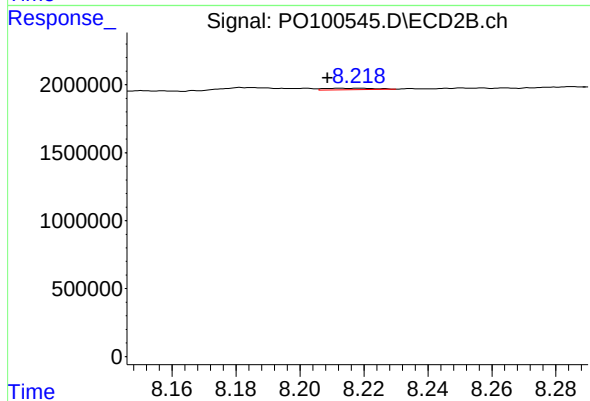
#43 AR-1268-3

R.T.: 7.932 min
Delta R.T.: 0.015 min
Response: 466972
Conc: 3.10 ng/ml



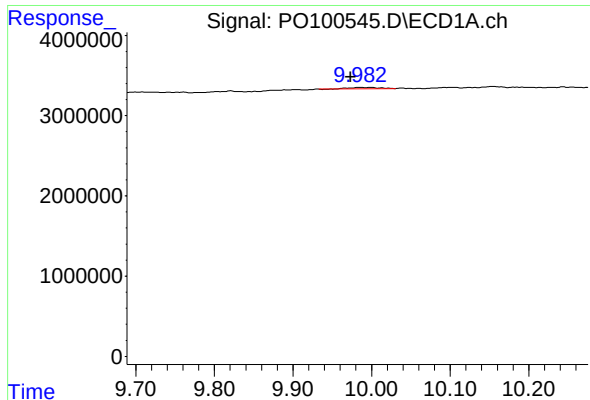
#44 AR-1268-4

R.T.: 9.544 min
Delta R.T.: 0.000 min
Response: 233723
Conc: 5.48 ng/ml



#44 AR-1268-4

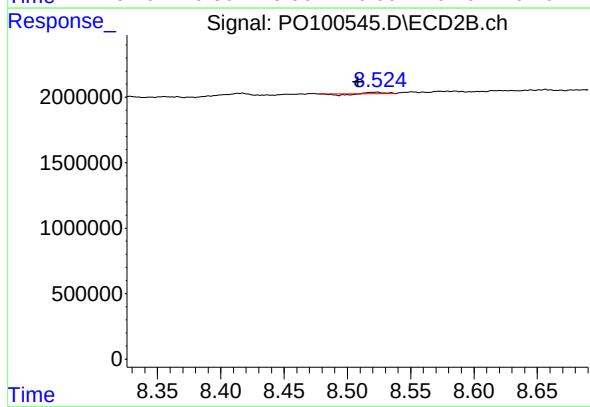
R.T.: 8.218 min
Delta R.T.: 0.010 min
Response: 114284
Conc: 2.17 ng/ml



#45 AR-1268-5

R.T.: 9.985 min
Delta R.T.: 0.012 min
Response: 410678
Conc: 1.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.523 min
Delta R.T.: 0.015 min
Response: 26429
Conc: 0.06 ng/ml