

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081325\
 Data File : P0112909.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Aug 2025 14:28
 Operator : YP/AJ
 Sample : Q2838-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-11

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 16:03:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 24 04:54:06 2025
 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...	3.667	3.659	128.5E6	73531518	15.804	14.798
2)	SA Decachlor...	8.688	8.633	126.9E6	34081812	17.360	19.287
Target Compounds							
3)	L1 AR-1016-1	4.787	4.768	11682624	7305154	43.532	41.742
4)	L1 AR-1016-2	4.787	4.768	11682624	7305154	28.767	28.043
5)	L1 AR-1016-3	4.828	4.928	16797212	2128279	64.191	15.653 #
6)	L1 AR-1016-4	4.951	4.975	2789526	6581693	13.168	59.249 #
7)	L1 AR-1016-5	5.196	5.198	1281396	3513964	5.839	24.521 #
8)	L2 AR-1221-1	3.910	3.879	-679080	839162	N.D.	12.475 #
9)	L2 AR-1221-2	3.973	3.962	384569	2808988	5.351	55.374 #
10)	L2 AR-1221-3	4.041	4.030	216082	3648621	0.909	23.015 #
11)	L3 AR-1232-1	4.041	4.030	216082	3648621	1.156	28.831 #
12)	L3 AR-1232-2	4.570f	4.768	45603087	7305154	423.723	55.699 #
13)	L3 AR-1232-3	4.787	4.928	11682624	2128279	56.493	31.672 #
14)	L3 AR-1232-4	4.951	5.023	2789526	7590854	26.633	126.876 #
15)	L3 AR-1232-5	4.999	5.198	19649800	3513964	289.475	53.893 #
16)	L4 AR-1242-1	4.787	4.768	11682624	7305154	47.185	46.120
17)	L4 AR-1242-2	4.787	4.768	11682624	7305154	31.592	31.263
18)	L4 AR-1242-3	4.828	4.928	16797212	2128279	70.977	17.562 #
19)	L4 AR-1242-4	4.951	5.023	2789526	7590854	14.358	61.845 #
20)	L4 AR-1242-5	5.611	5.539	31404423	8307256	146.808	51.607 #
21)	L5 AR-1248-1	4.787	4.768	11682624	7305154	62.404	60.120
22)	L5 AR-1248-2	4.999	4.975	19649800	6581693	77.024	38.881 #
23)	L5 AR-1248-3	5.196	5.023	1281396	7590854	3.728	42.730 #
24)	L5 AR-1248-4	5.565	5.198	27618117	3513964	54.358	16.865 #
25)	L5 AR-1248-5	5.611	5.583	31404423	10992618	89.832	51.184 #
26)	L6 AR-1254-1	5.565	5.539	27618117	8307256	50.310	25.279 #
27)	L6 AR-1254-2	5.702	5.673	30130602	9017242	62.007	31.149 #
28)	L6 AR-1254-3	6.104	6.072	15792878	4485162	21.219	10.493 #
29)	L6 AR-1254-4	6.318	6.333	16358502	2463318	29.759	9.024 #
30)	L6 AR-1254-5	6.767	6.728	36228663	1266650	51.183	3.792 #
31)	L7 AR-1260-1	6.253	6.221	9823570	2064235	22.360	8.306 #
32)	L7 AR-1260-2	6.442	6.409	12745156	2546982	18.528	7.730 #
33)	L7 AR-1260-3	6.821	6.548	30904862	3145905	52.558	12.245 #
34)	L7 AR-1260-4	7.066	7.025	38046675	7112521	84.360	37.178 #
35)	L7 AR-1260-5	7.315	7.266	43872601	10540308	35.406	25.571 #
36)	L8 AR-1262-1	6.821	6.783	30904862	1031786	33.259	2.487 #
37)	L8 AR-1262-2	7.315	7.266	43872601	10540308	29.504	20.445 #
38)	L8 AR-1262-3	7.582	7.520	1941145	1354400	3.289	7.261 #
39)	L8 AR-1262-4	7.647	7.599	2137556	677135	2.150	2.350
40)	L8 AR-1262-5	8.143	0.000	1222013	0	2.815	N.D. #
41)	L9 AR-1268-1	7.582	7.520	1941145	1354400	1.109	2.615 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081325\
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Acq On : 13 Aug 2025 14:28
Operator : YP/AJ
Sample : Q2838-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

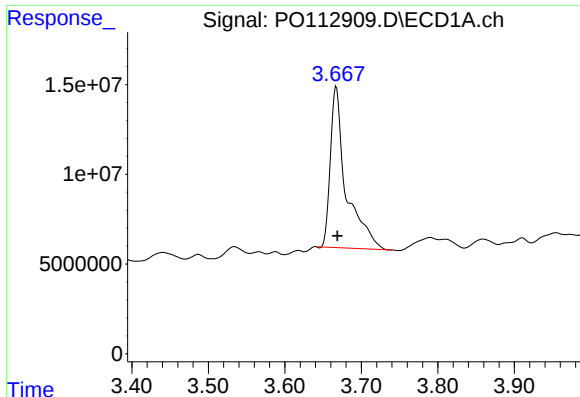
Instrument :
ECD_O
ClientSampleId :
TP-11

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 16:03:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
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	7.647	7.599	2137556	677135	1.451	1.593
43) L9	AR-1268-3	7.849	7.805	1057008	198186	0.844	0.617 #
44) L9	AR-1268-4	8.143	0.000	1222013	0	2.536	N.D. #
45) L9	AR-1268-5	8.434	8.383	602079	268187	0.179	0.367 #

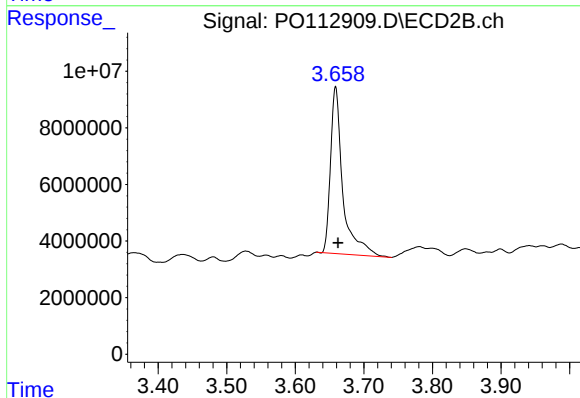
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

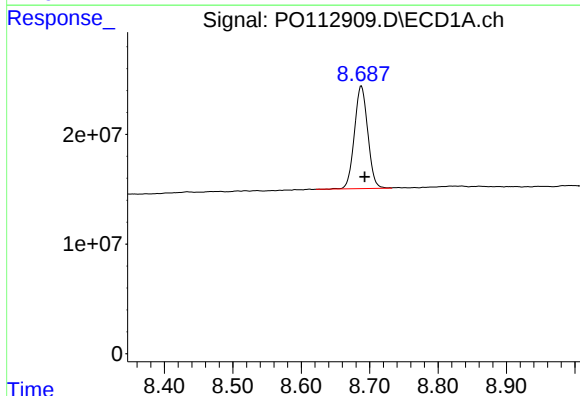
R.T.: 3.667 min
Delta R.T.: -0.002 min
Response: 128508617
Conc: 15.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



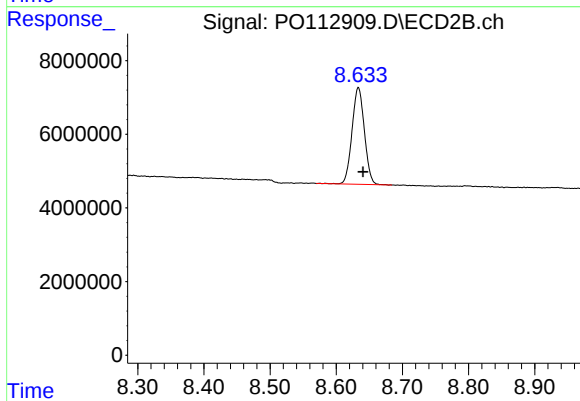
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 73531518
Conc: 14.80 ng/ml



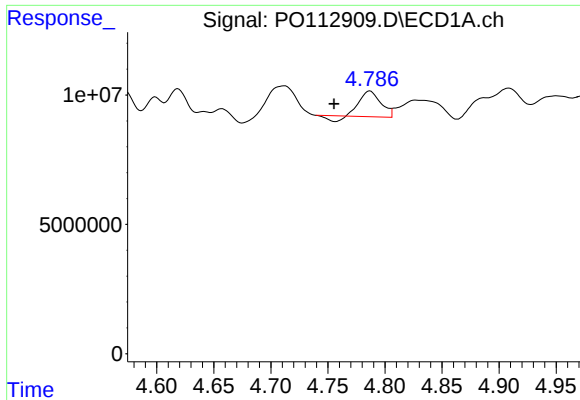
#2 Decachlorobiphenyl

R.T.: 8.688 min
Delta R.T.: -0.005 min
Response: 126935277
Conc: 17.36 ng/ml



#2 Decachlorobiphenyl

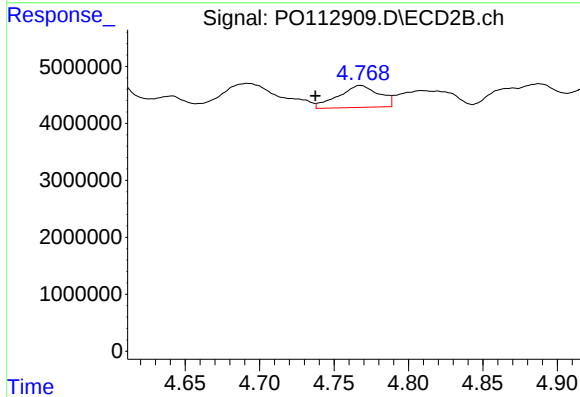
R.T.: 8.633 min
Delta R.T.: -0.007 min
Response: 34081812
Conc: 19.29 ng/ml



#3 AR-1016-1

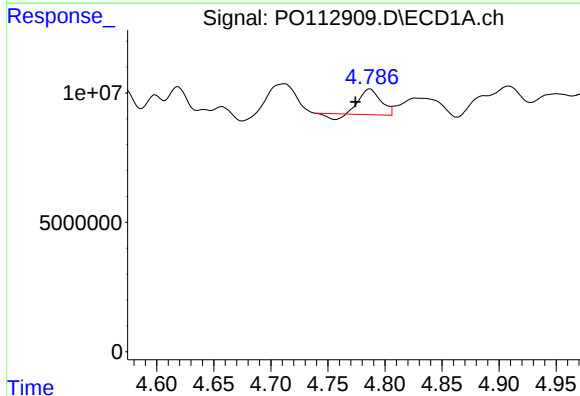
R.T.: 4.787 min
Delta R.T.: 0.031 min
Response: 11682624
Conc: 43.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



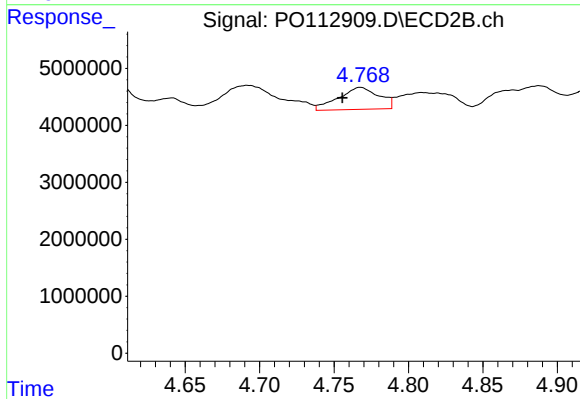
#3 AR-1016-1

R.T.: 4.768 min
Delta R.T.: 0.030 min
Response: 7305154
Conc: 41.74 ng/ml



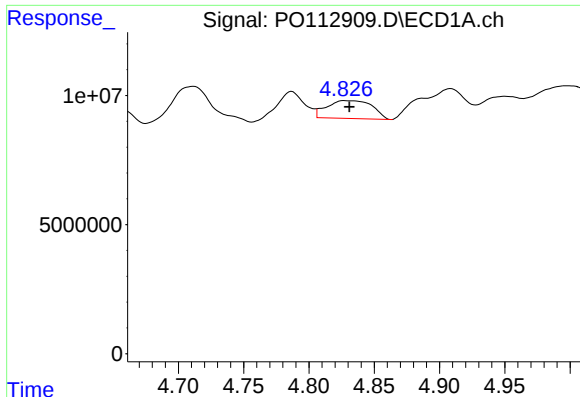
#4 AR-1016-2

R.T.: 4.787 min
Delta R.T.: 0.013 min
Response: 11682624
Conc: 28.77 ng/ml



#4 AR-1016-2

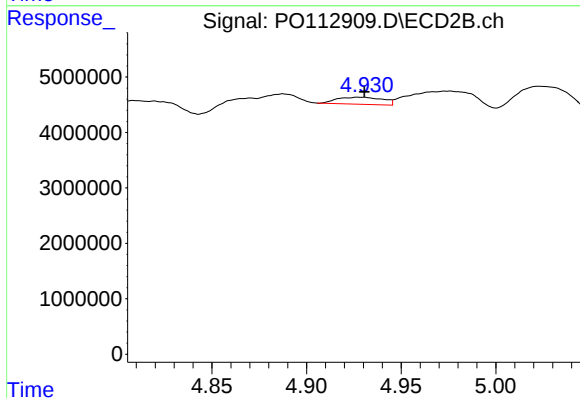
R.T.: 4.768 min
Delta R.T.: 0.012 min
Response: 7305154
Conc: 28.04 ng/ml



#5 AR-1016-3

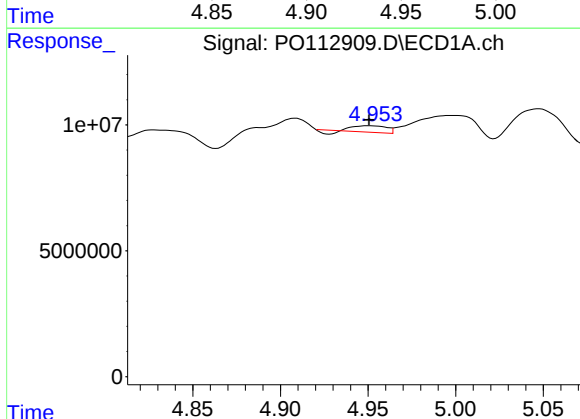
R.T.: 4.828 min
Delta R.T.: -0.003 min
Response: 16797212
Conc: 64.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



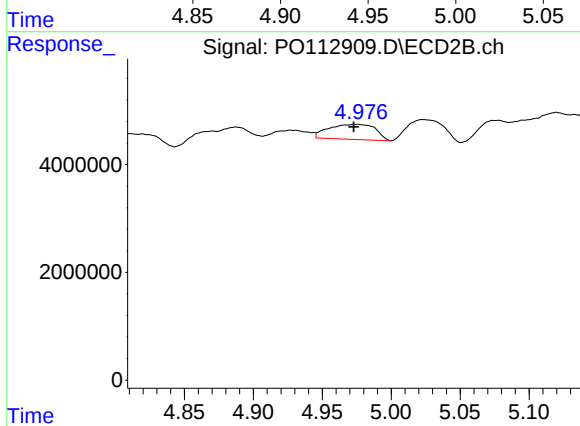
#5 AR-1016-3

R.T.: 4.928 min
Delta R.T.: -0.003 min
Response: 2128279
Conc: 15.65 ng/ml



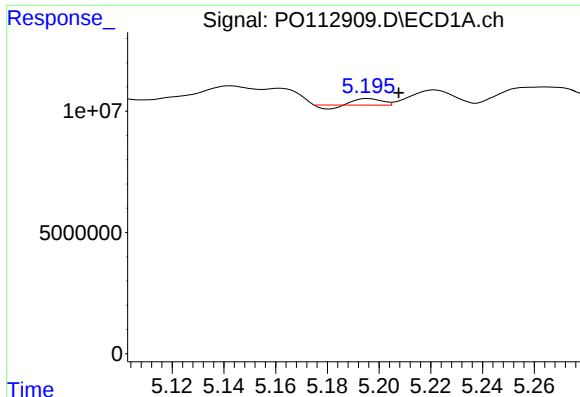
#6 AR-1016-4

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 2789526
Conc: 13.17 ng/ml



#6 AR-1016-4

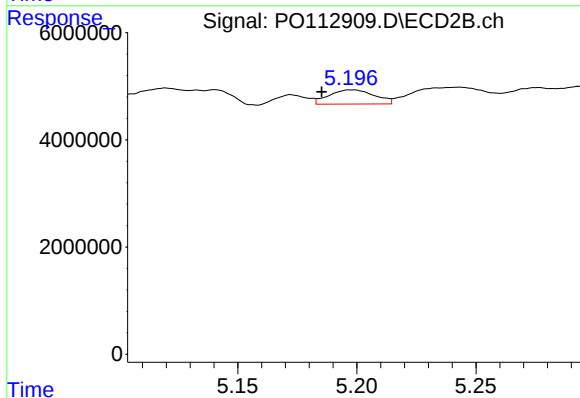
R.T.: 4.975 min
Delta R.T.: 0.002 min
Response: 6581693
Conc: 59.25 ng/ml



#7 AR-1016-5

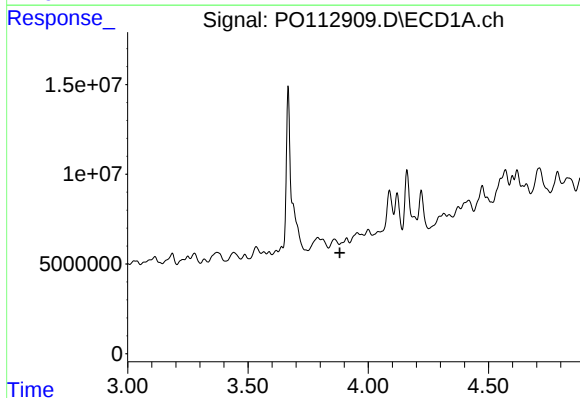
R.T.: 5.196 min
Delta R.T.: -0.012 min
Response: 1281396
Conc: 5.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



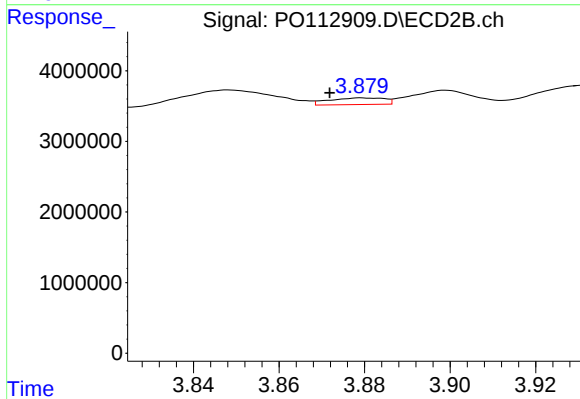
#7 AR-1016-5

R.T.: 5.198 min
Delta R.T.: 0.013 min
Response: 3513964
Conc: 24.52 ng/ml



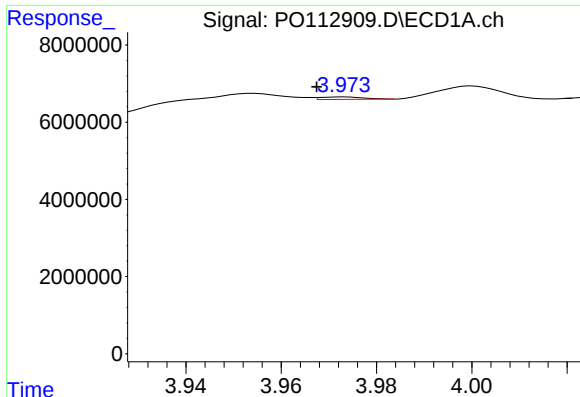
#8 AR-1221-1

R.T.: 3.910 min
Delta R.T.: 0.029 min
Response: -679080
Conc: N.D.



#8 AR-1221-1

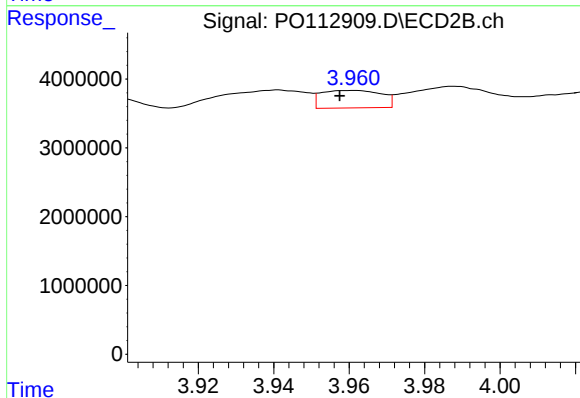
R.T.: 3.879 min
Delta R.T.: 0.007 min
Response: 839162
Conc: 12.48 ng/ml



#9 AR-1221-2

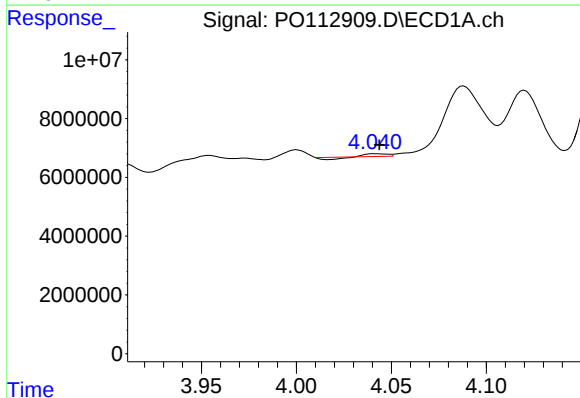
R.T.: 3.973 min
Delta R.T.: 0.006 min
Response: 384569
Conc: 5.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



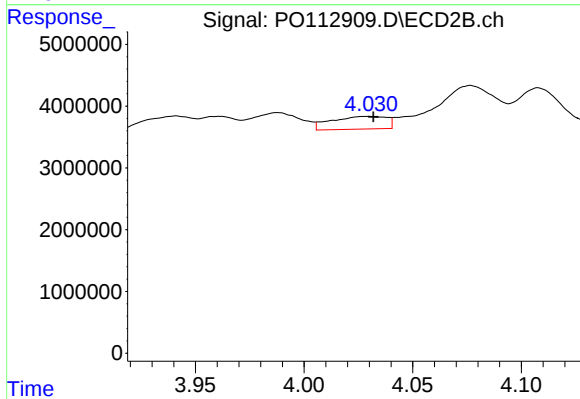
#9 AR-1221-2

R.T.: 3.962 min
Delta R.T.: 0.004 min
Response: 2808988
Conc: 55.37 ng/ml



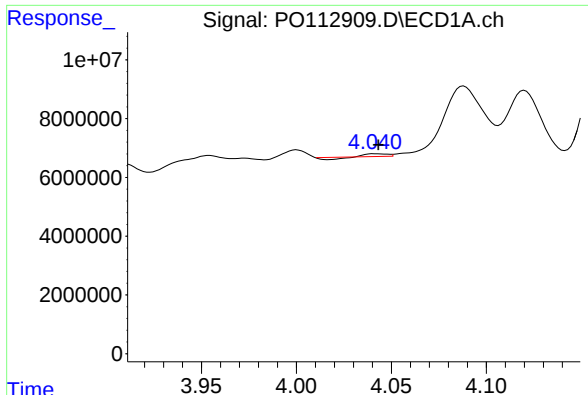
#10 AR-1221-3

R.T.: 4.041 min
Delta R.T.: -0.002 min
Response: 216082
Conc: 0.91 ng/ml



#10 AR-1221-3

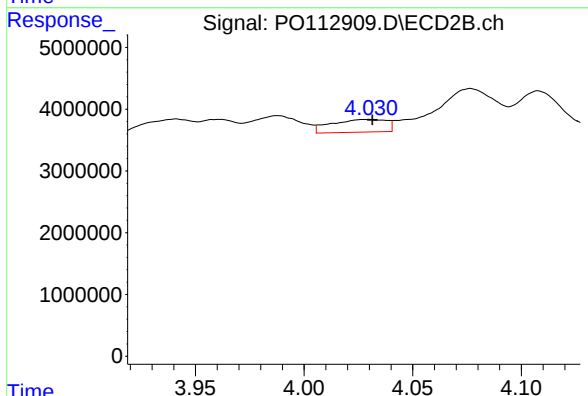
R.T.: 4.030 min
Delta R.T.: -0.002 min
Response: 3648621
Conc: 23.02 ng/ml



#11 AR-1232-1

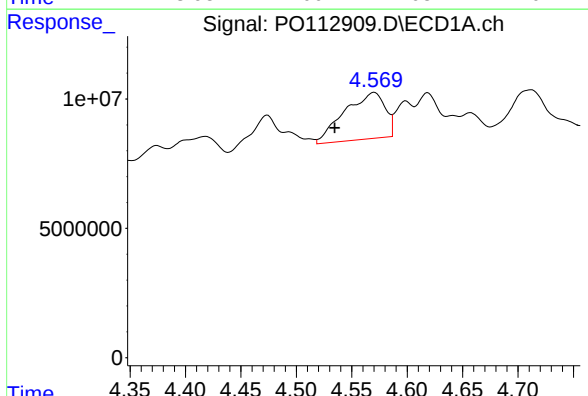
R.T.: 4.041 min
Delta R.T.: -0.002 min
Response: 216082
Conc: 1.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



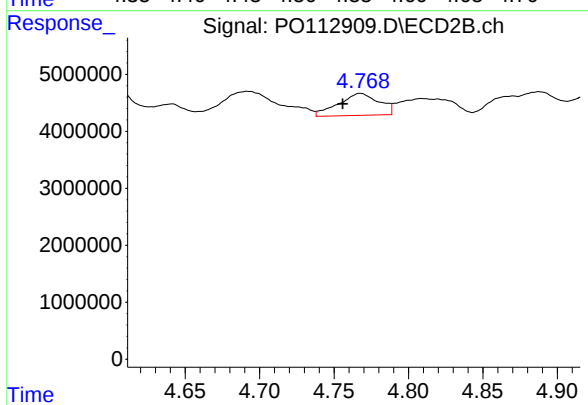
#11 AR-1232-1

R.T.: 4.030 min
Delta R.T.: -0.001 min
Response: 3648621
Conc: 28.83 ng/ml



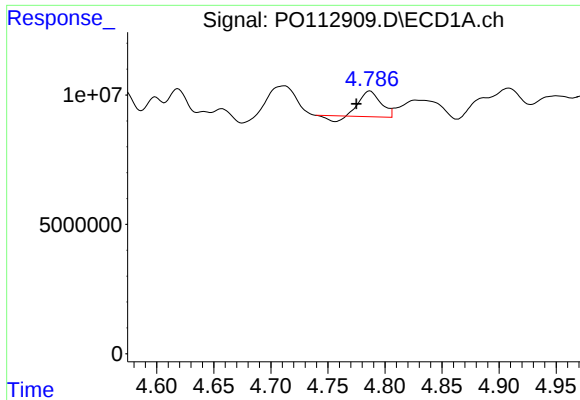
#12 AR-1232-2

R.T.: 4.570 min
Delta R.T.: 0.035 min
Response: 45603087
Conc: 423.72 ng/ml



#12 AR-1232-2

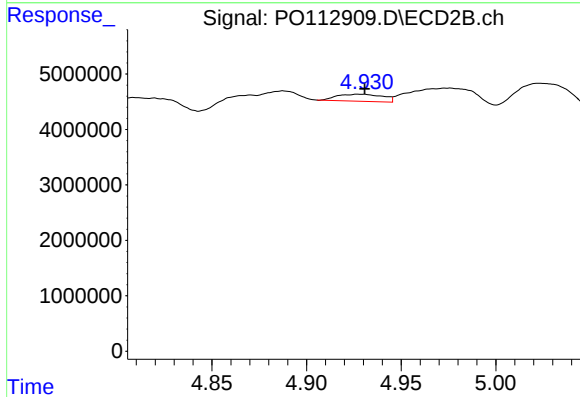
R.T.: 4.768 min
Delta R.T.: 0.012 min
Response: 7305154
Conc: 55.70 ng/ml



#13 AR-1232-3

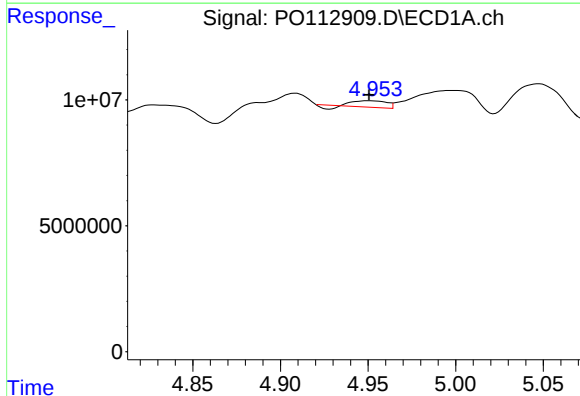
R.T.: 4.787 min
Delta R.T.: 0.012 min
Response: 11682624
Conc: 56.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



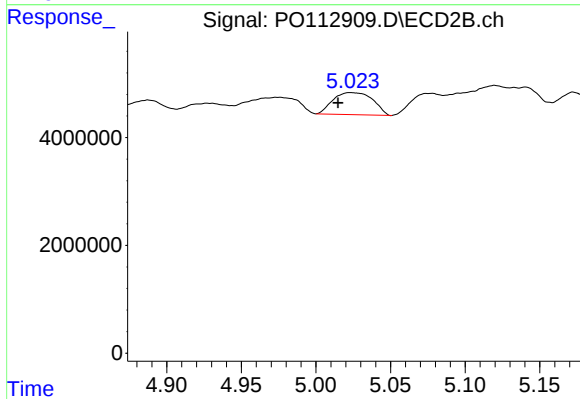
#13 AR-1232-3

R.T.: 4.928 min
Delta R.T.: -0.003 min
Response: 2128279
Conc: 31.67 ng/ml



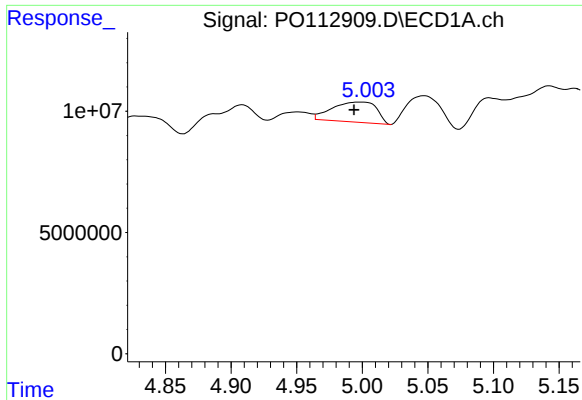
#14 AR-1232-4

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 2789526
Conc: 26.63 ng/ml



#14 AR-1232-4

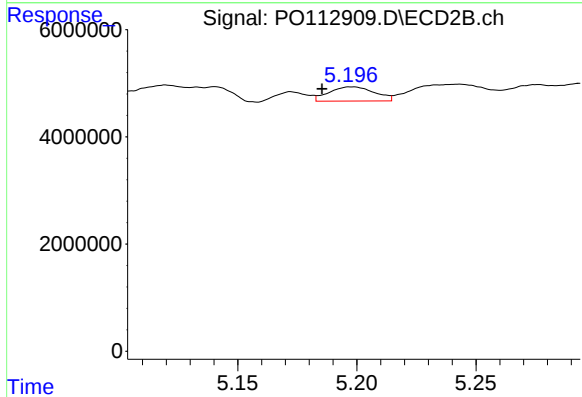
R.T.: 5.023 min
Delta R.T.: 0.008 min
Response: 7590854
Conc: 126.88 ng/ml



#15 AR-1232-5

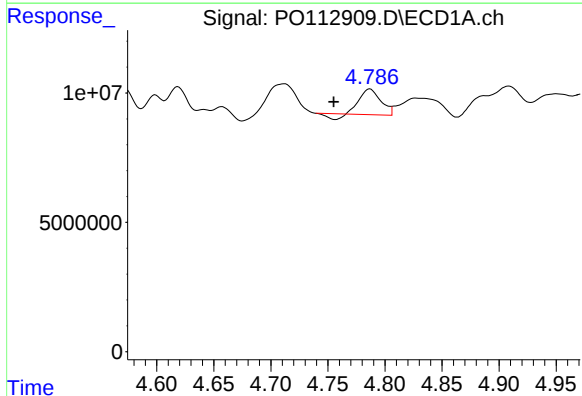
R.T.: 4.999 min
Delta R.T.: 0.005 min
Response: 19649800
Conc: 289.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



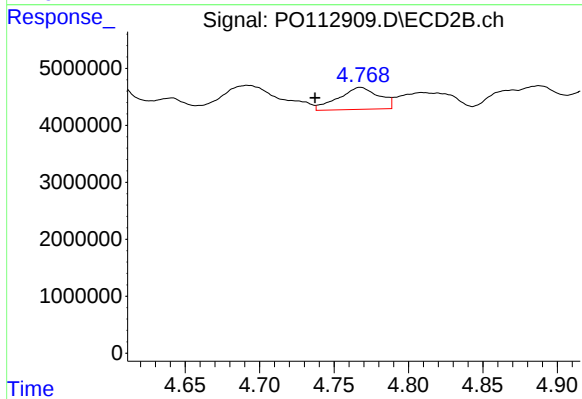
#15 AR-1232-5

R.T.: 5.198 min
Delta R.T.: 0.013 min
Response: 3513964
Conc: 53.89 ng/ml



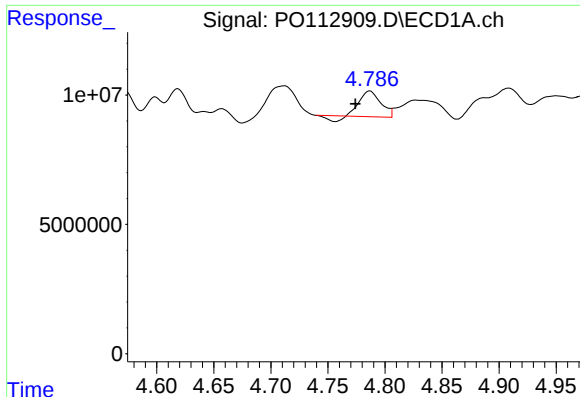
#16 AR-1242-1

R.T.: 4.787 min
Delta R.T.: 0.032 min
Response: 11682624
Conc: 47.18 ng/ml



#16 AR-1242-1

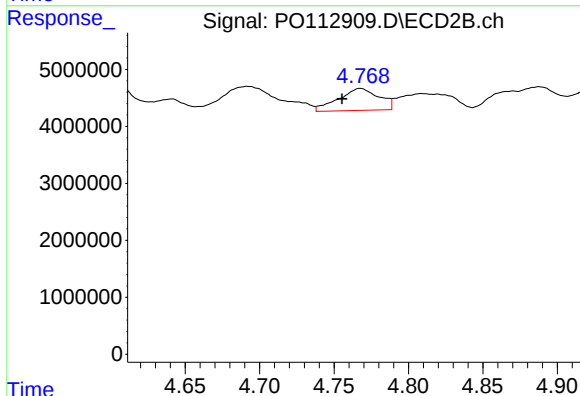
R.T.: 4.768 min
Delta R.T.: 0.030 min
Response: 7305154
Conc: 46.12 ng/ml



#17 AR-1242-2

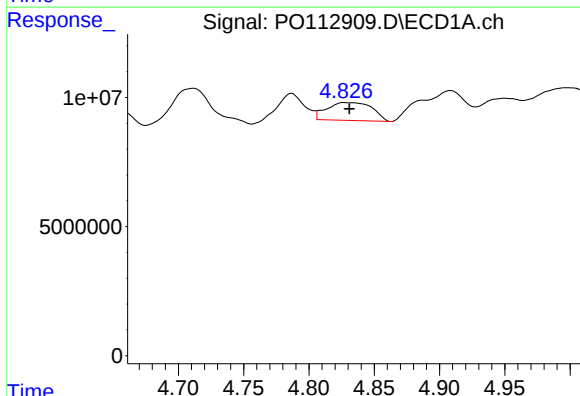
R.T.: 4.787 min
Delta R.T.: 0.013 min
Response: 11682624
Conc: 31.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



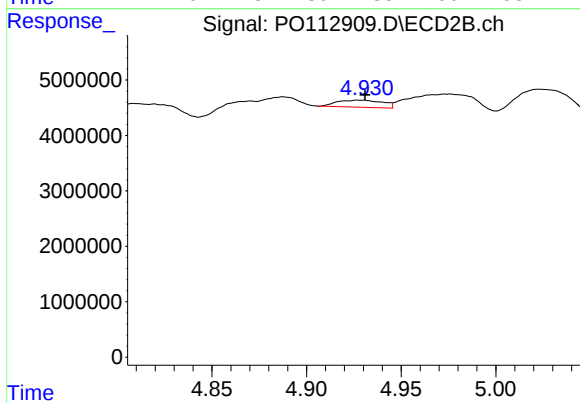
#17 AR-1242-2

R.T.: 4.768 min
Delta R.T.: 0.012 min
Response: 7305154
Conc: 31.26 ng/ml



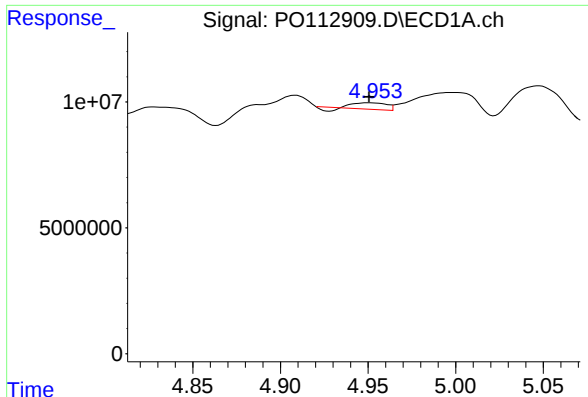
#18 AR-1242-3

R.T.: 4.828 min
Delta R.T.: -0.003 min
Response: 16797212
Conc: 70.98 ng/ml



#18 AR-1242-3

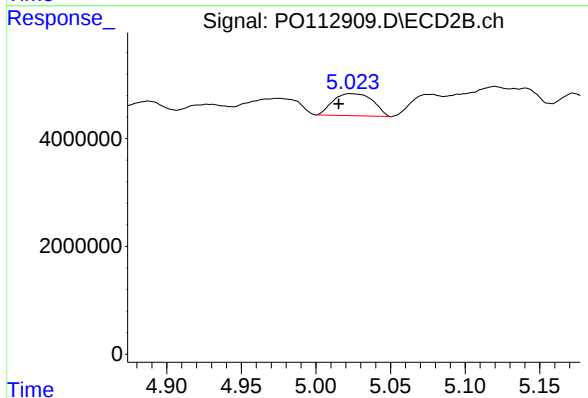
R.T.: 4.928 min
Delta R.T.: -0.003 min
Response: 2128279
Conc: 17.56 ng/ml



#19 AR-1242-4

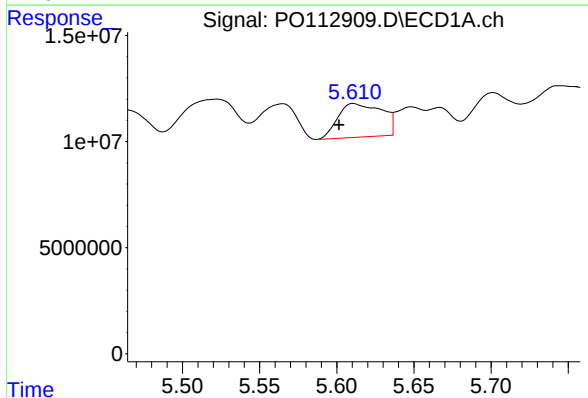
R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 2789526
Conc: 14.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



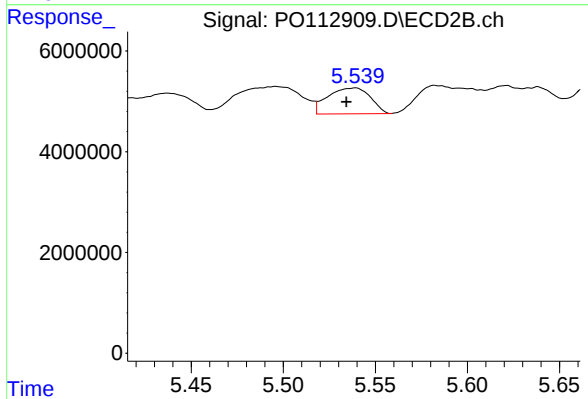
#19 AR-1242-4

R.T.: 5.023 min
Delta R.T.: 0.008 min
Response: 7590854
Conc: 61.85 ng/ml



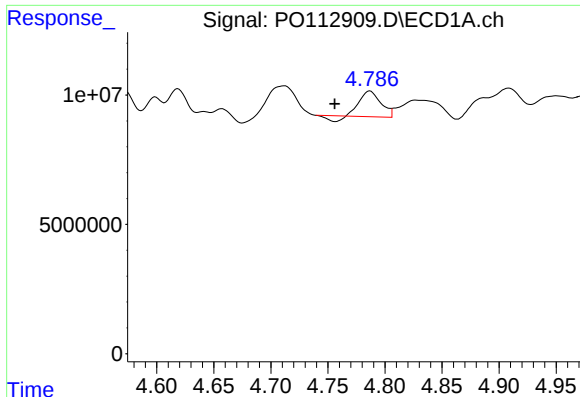
#20 AR-1242-5

R.T.: 5.611 min
Delta R.T.: 0.010 min
Response: 31404423
Conc: 146.81 ng/ml



#20 AR-1242-5

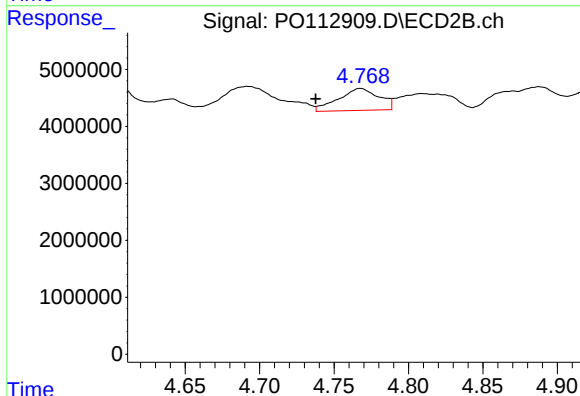
R.T.: 5.539 min
Delta R.T.: 0.005 min
Response: 8307256
Conc: 51.61 ng/ml



#21 AR-1248-1

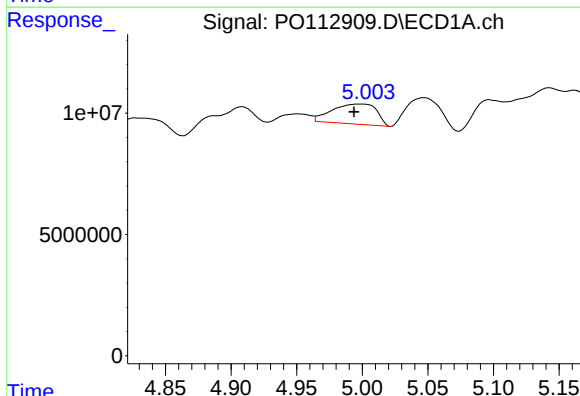
R.T.: 4.787 min
Delta R.T.: 0.031 min
Response: 11682624
Conc: 62.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



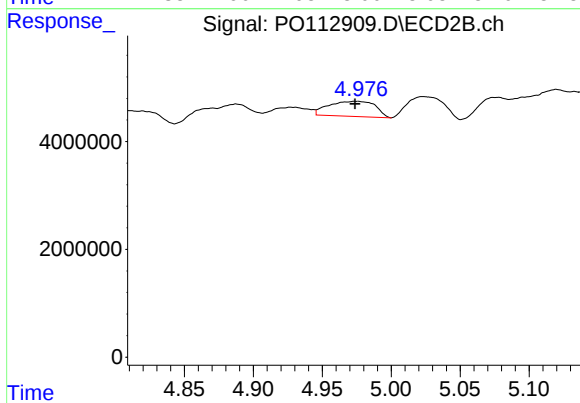
#21 AR-1248-1

R.T.: 4.768 min
Delta R.T.: 0.030 min
Response: 7305154
Conc: 60.12 ng/ml



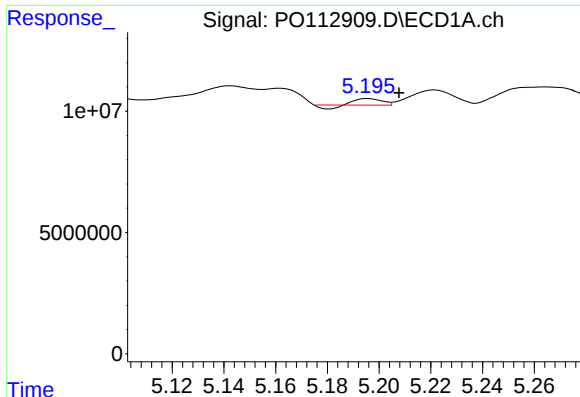
#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: 0.005 min
Response: 19649800
Conc: 77.02 ng/ml



#22 AR-1248-2

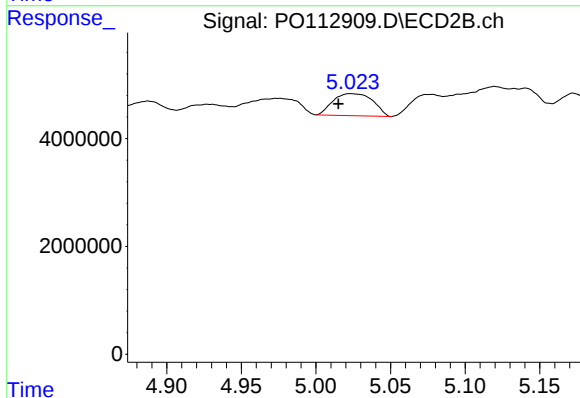
R.T.: 4.975 min
Delta R.T.: 0.001 min
Response: 6581693
Conc: 38.88 ng/ml



#23 AR-1248-3

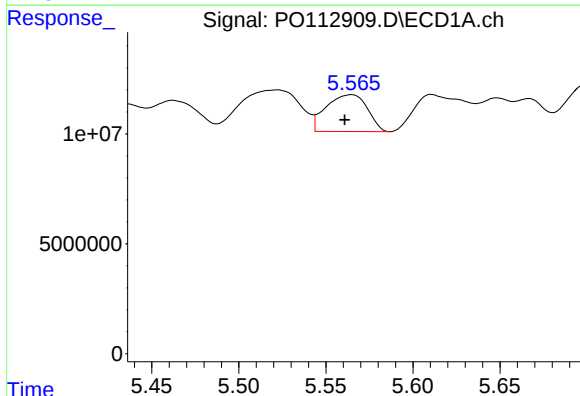
R.T.: 5.196 min
Delta R.T.: -0.012 min
Response: 1281396
Conc: 3.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



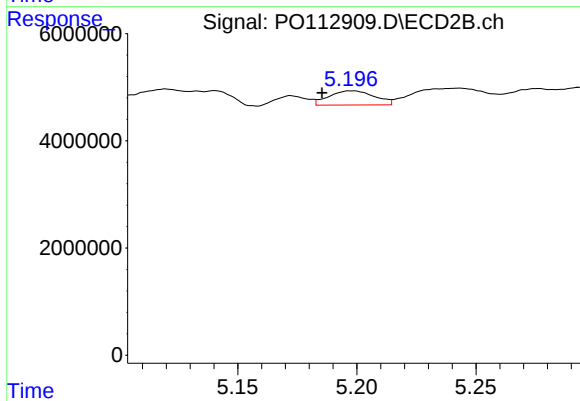
#23 AR-1248-3

R.T.: 5.023 min
Delta R.T.: 0.008 min
Response: 7590854
Conc: 42.73 ng/ml



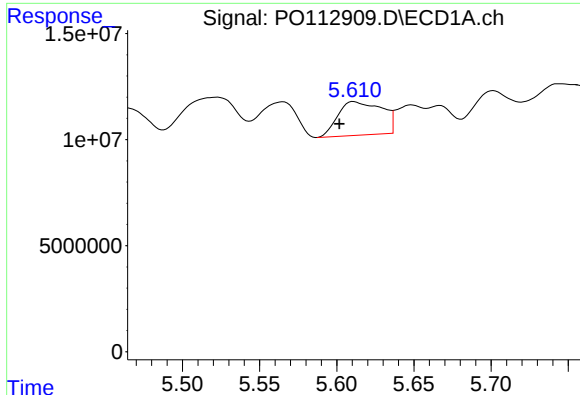
#24 AR-1248-4

R.T.: 5.565 min
Delta R.T.: 0.004 min
Response: 27618117
Conc: 54.36 ng/ml



#24 AR-1248-4

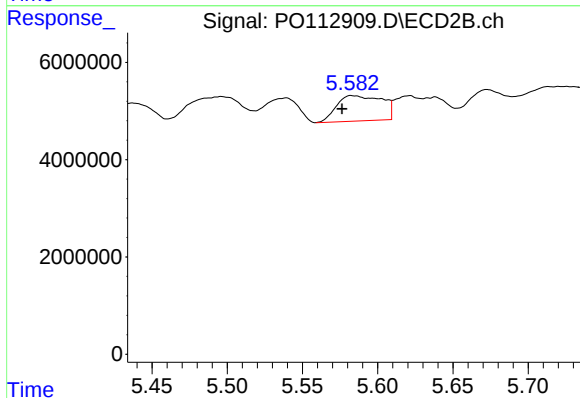
R.T.: 5.198 min
Delta R.T.: 0.012 min
Response: 3513964
Conc: 16.87 ng/ml



#25 AR-1248-5

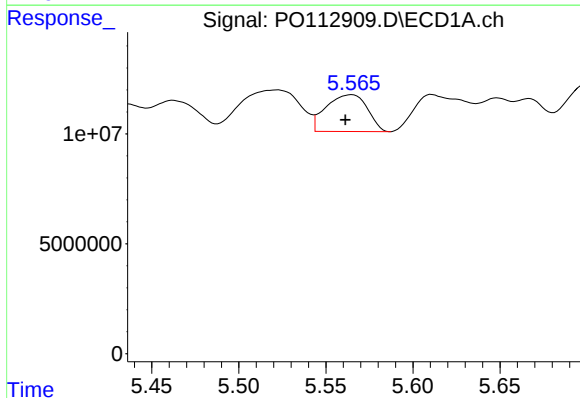
R.T.: 5.611 min
Delta R.T.: 0.010 min
Response: 31404423
Conc: 89.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



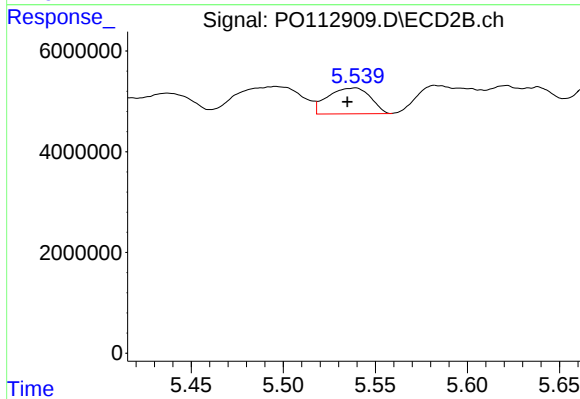
#25 AR-1248-5

R.T.: 5.583 min
Delta R.T.: 0.006 min
Response: 10992618
Conc: 51.18 ng/ml



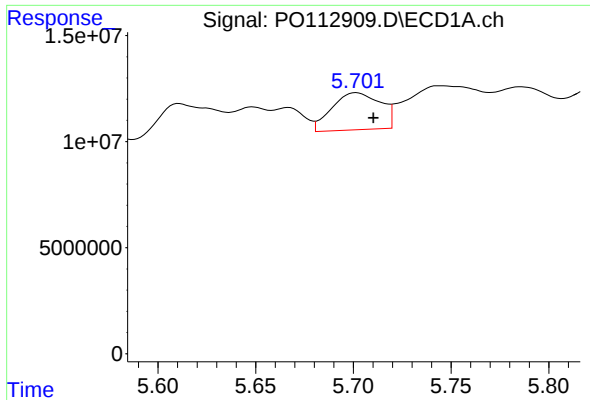
#26 AR-1254-1

R.T.: 5.565 min
Delta R.T.: 0.003 min
Response: 27618117
Conc: 50.31 ng/ml



#26 AR-1254-1

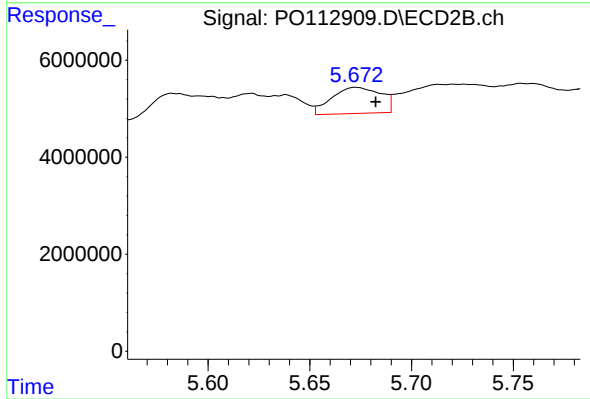
R.T.: 5.539 min
Delta R.T.: 0.004 min
Response: 8307256
Conc: 25.28 ng/ml



#27 AR-1254-2

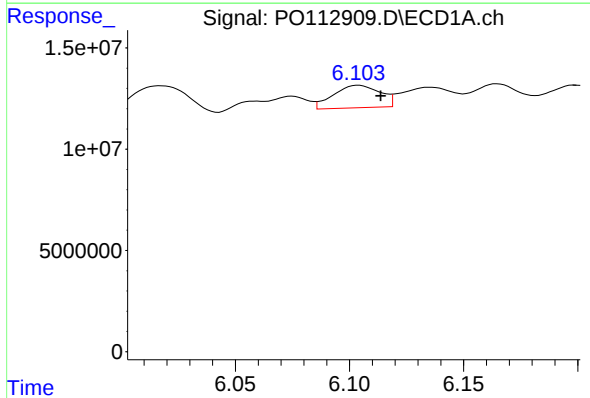
R.T.: 5.702 min
Delta R.T.: -0.009 min
Response: 30130602
Conc: 62.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



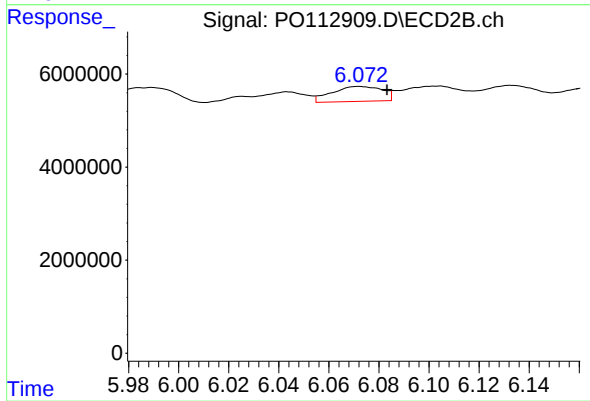
#27 AR-1254-2

R.T.: 5.673 min
Delta R.T.: -0.010 min
Response: 9017242
Conc: 31.15 ng/ml



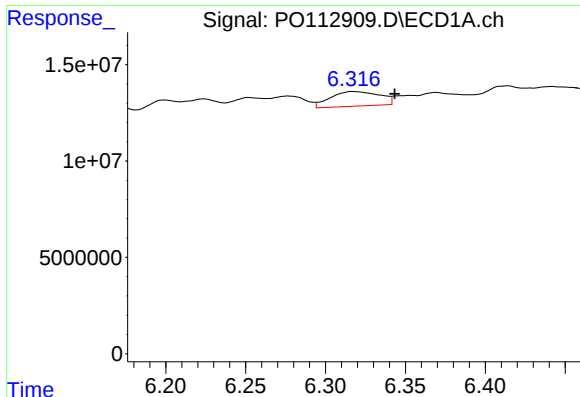
#28 AR-1254-3

R.T.: 6.104 min
Delta R.T.: -0.010 min
Response: 15792878
Conc: 21.22 ng/ml



#28 AR-1254-3

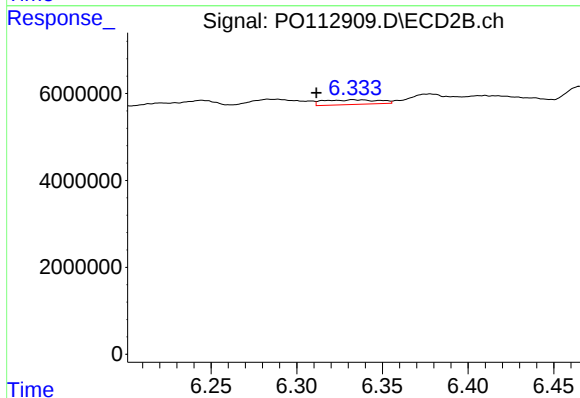
R.T.: 6.072 min
Delta R.T.: -0.011 min
Response: 4485162
Conc: 10.49 ng/ml



#29 AR-1254-4

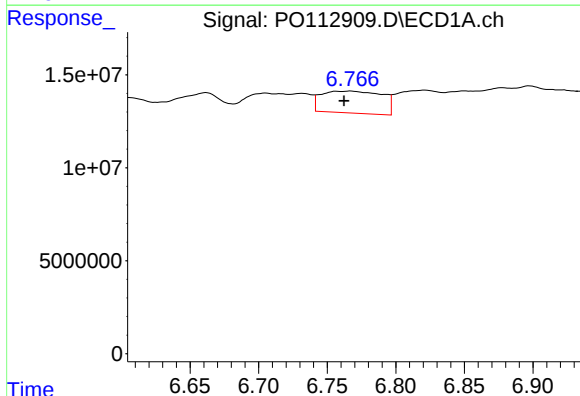
R.T.: 6.318 min
Delta R.T.: -0.026 min
Response: 16358502
Conc: 29.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



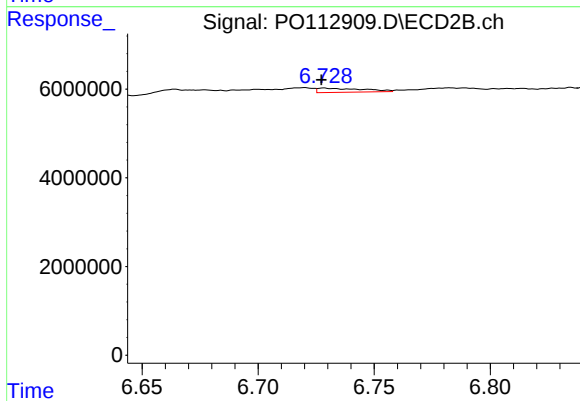
#29 AR-1254-4

R.T.: 6.333 min
Delta R.T.: 0.021 min
Response: 2463318
Conc: 9.02 ng/ml



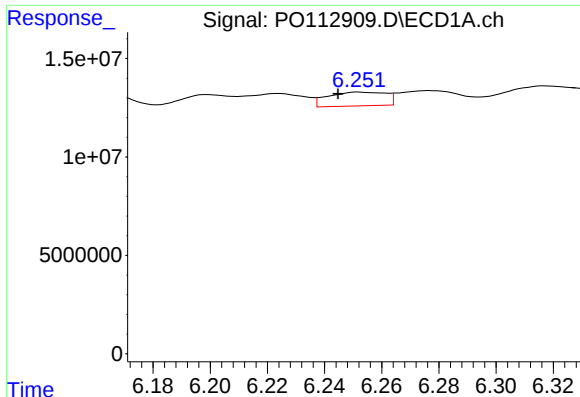
#30 AR-1254-5

R.T.: 6.767 min
Delta R.T.: 0.005 min
Response: 36228663
Conc: 51.18 ng/ml



#30 AR-1254-5

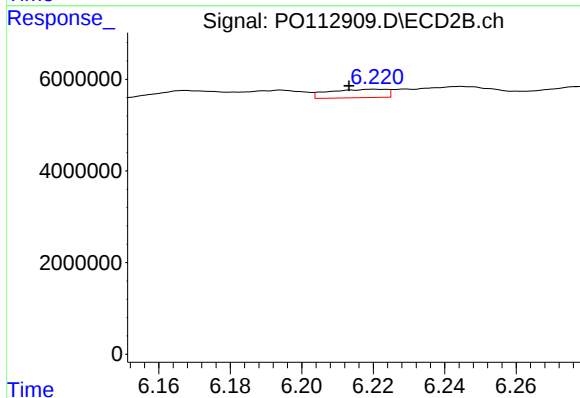
R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 1266650
Conc: 3.79 ng/ml



#31 AR-1260-1

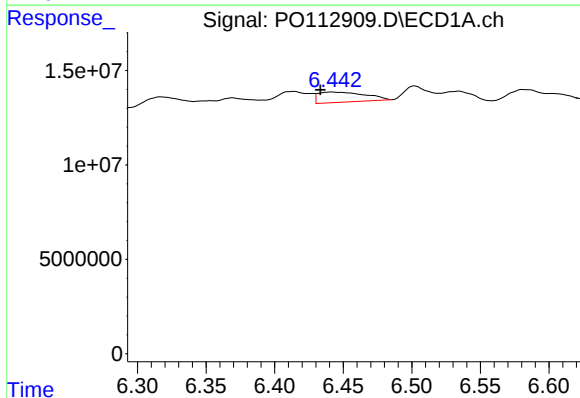
R.T.: 6.253 min
Delta R.T.: 0.008 min
Response: 9823570
Conc: 22.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



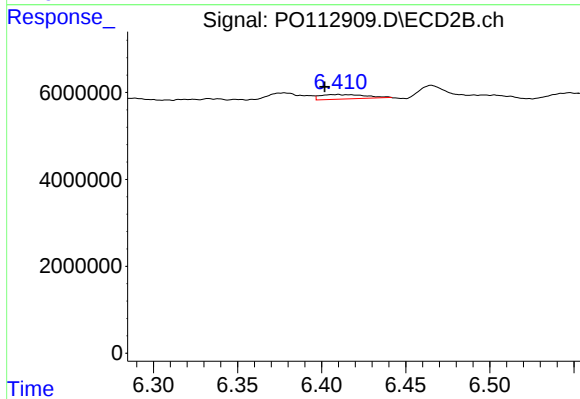
#31 AR-1260-1

R.T.: 6.221 min
Delta R.T.: 0.008 min
Response: 2064235
Conc: 8.31 ng/ml



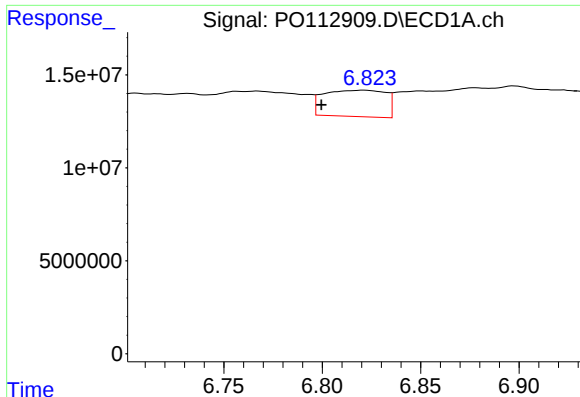
#32 AR-1260-2

R.T.: 6.442 min
Delta R.T.: 0.009 min
Response: 12745156
Conc: 18.53 ng/ml



#32 AR-1260-2

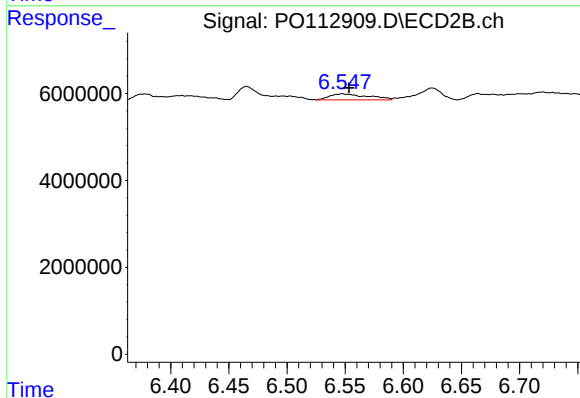
R.T.: 6.409 min
Delta R.T.: 0.008 min
Response: 2546982
Conc: 7.73 ng/ml



#33 AR-1260-3

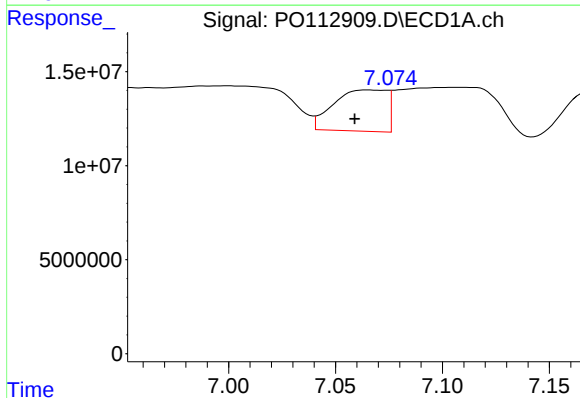
R.T.: 6.821 min
Delta R.T.: 0.022 min
Response: 30904862
Conc: 52.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



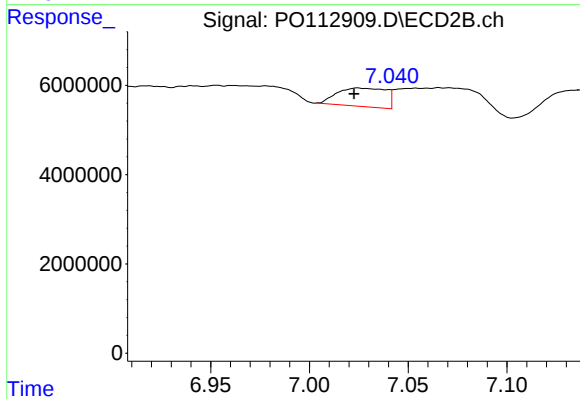
#33 AR-1260-3

R.T.: 6.548 min
Delta R.T.: -0.006 min
Response: 3145905
Conc: 12.24 ng/ml



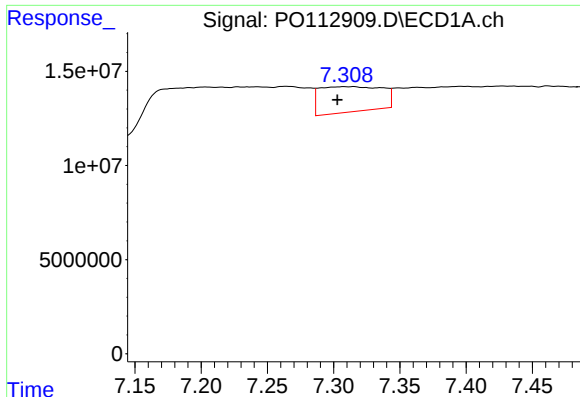
#34 AR-1260-4

R.T.: 7.066 min
Delta R.T.: 0.007 min
Response: 38046675
Conc: 84.36 ng/ml



#34 AR-1260-4

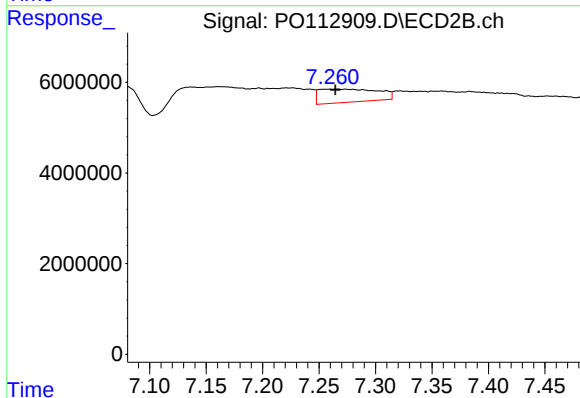
R.T.: 7.025 min
Delta R.T.: 0.002 min
Response: 7112521
Conc: 37.18 ng/ml



#35 AR-1260-5

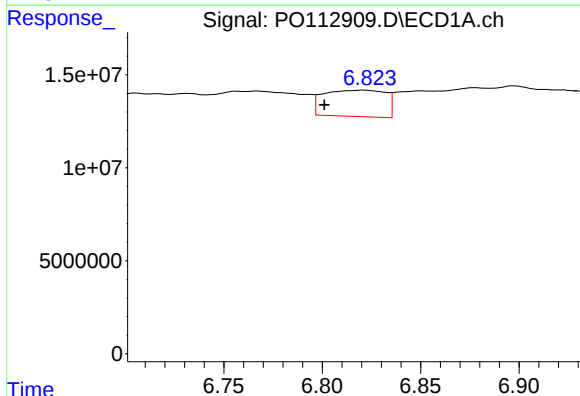
R.T.: 7.315 min
Delta R.T.: 0.012 min
Response: 43872601
Conc: 35.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



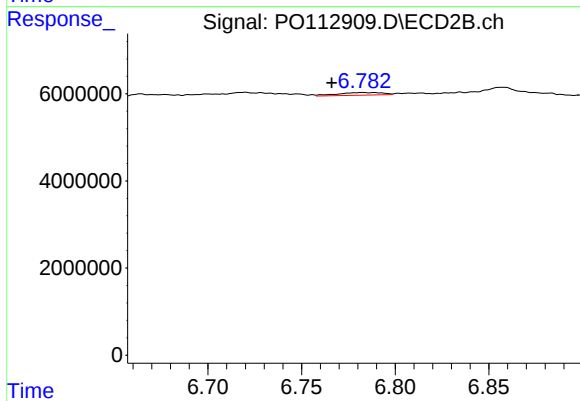
#35 AR-1260-5

R.T.: 7.266 min
Delta R.T.: 0.002 min
Response: 10540308
Conc: 25.57 ng/ml



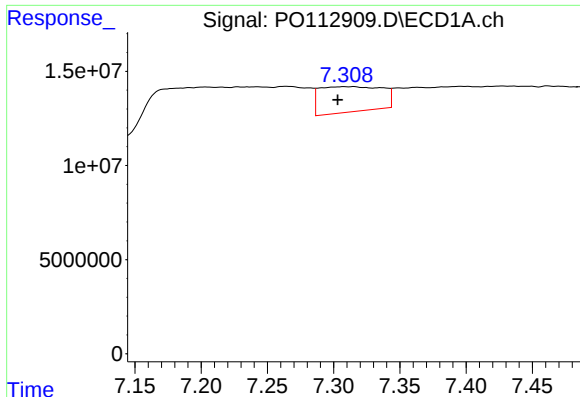
#36 AR-1262-1

R.T.: 6.821 min
Delta R.T.: 0.020 min
Response: 30904862
Conc: 33.26 ng/ml



#36 AR-1262-1

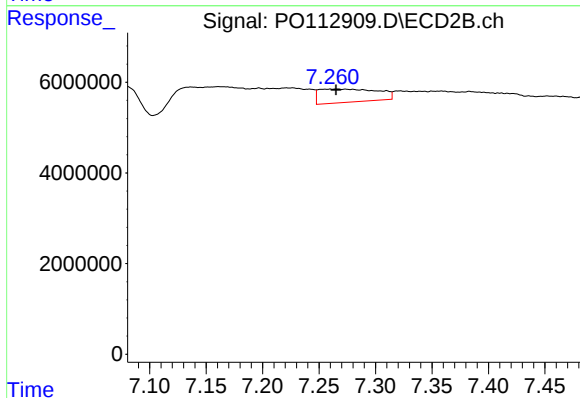
R.T.: 6.783 min
Delta R.T.: 0.017 min
Response: 1031786
Conc: 2.49 ng/ml



#37 AR-1262-2

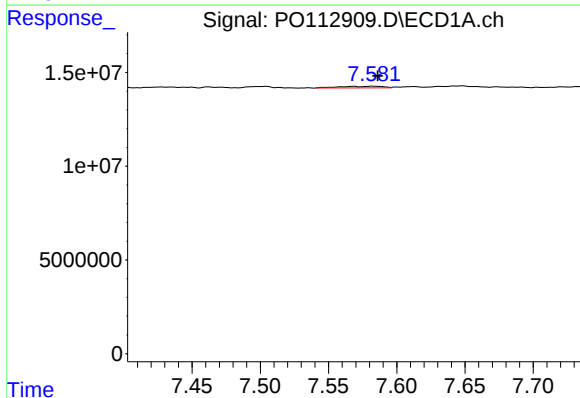
R.T.: 7.315 min
Delta R.T.: 0.011 min
Response: 43872601
Conc: 29.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



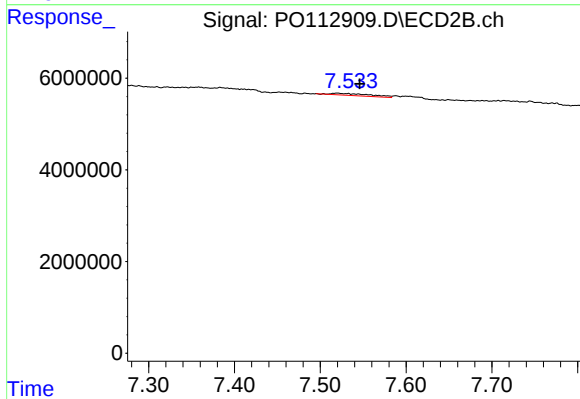
#37 AR-1262-2

R.T.: 7.266 min
Delta R.T.: 0.001 min
Response: 10540308
Conc: 20.44 ng/ml



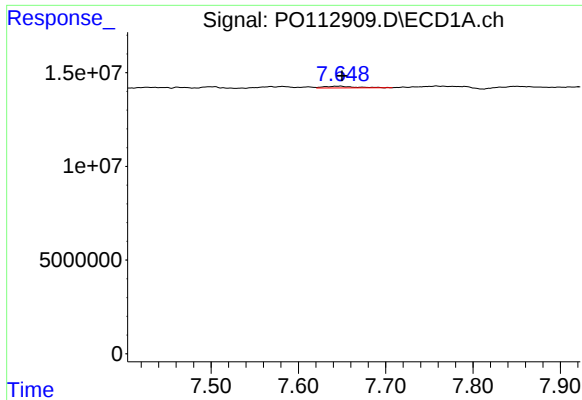
#38 AR-1262-3

R.T.: 7.582 min
Delta R.T.: -0.004 min
Response: 1941145
Conc: 3.29 ng/ml



#38 AR-1262-3

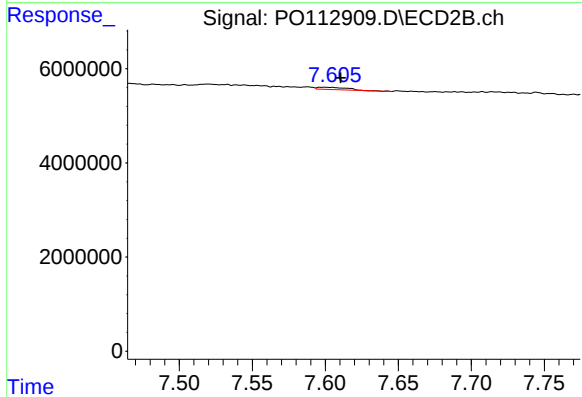
R.T.: 7.520 min
Delta R.T.: -0.026 min
Response: 1354400
Conc: 7.26 ng/ml



#39 AR-1262-4

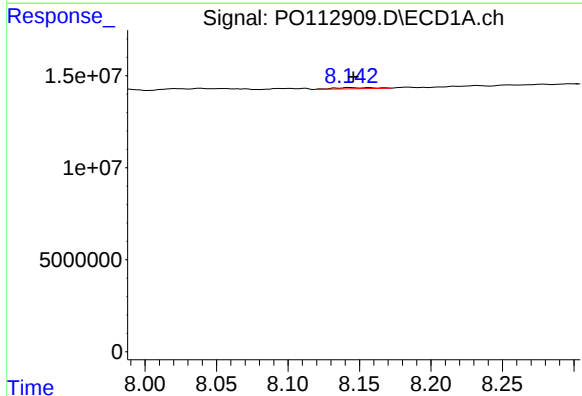
R.T.: 7.647 min
Delta R.T.: -0.003 min
Response: 2137556
Conc: 2.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



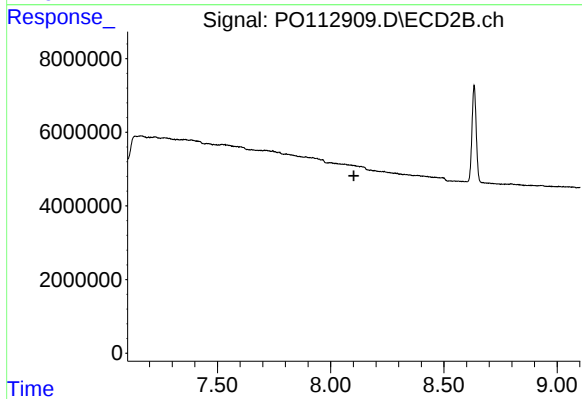
#39 AR-1262-4

R.T.: 7.599 min
Delta R.T.: -0.011 min
Response: 677135
Conc: 2.35 ng/ml



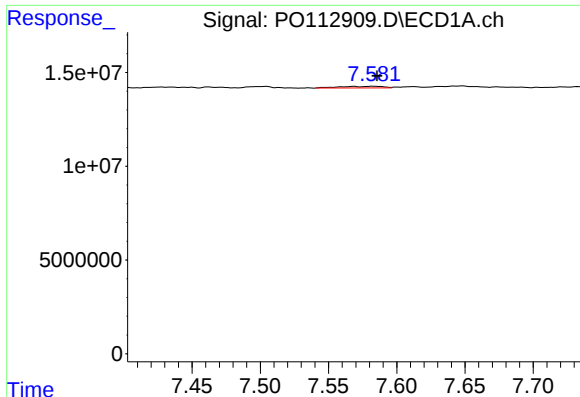
#40 AR-1262-5

R.T.: 8.143 min
Delta R.T.: -0.002 min
Response: 1222013
Conc: 2.82 ng/ml



#40 AR-1262-5

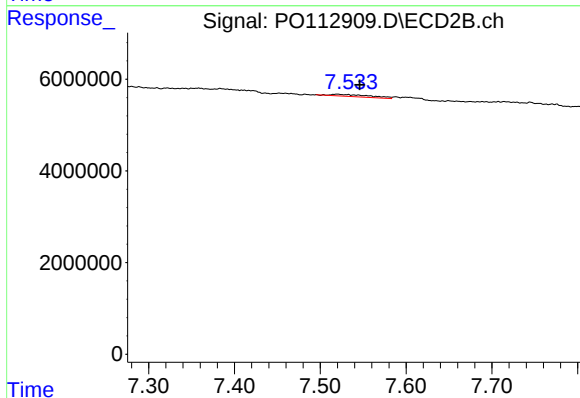
R.T.: 0.000 min
Exp R.T. : 8.103 min
Response: 0
Conc: N.D.



#41 AR-1268-1

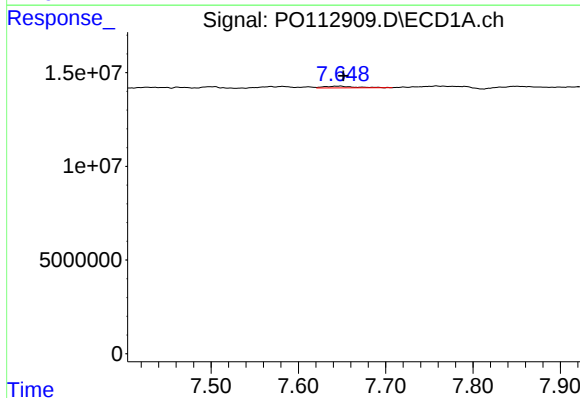
R.T.: 7.582 min
Delta R.T.: -0.003 min
Response: 1941145
Conc: 1.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



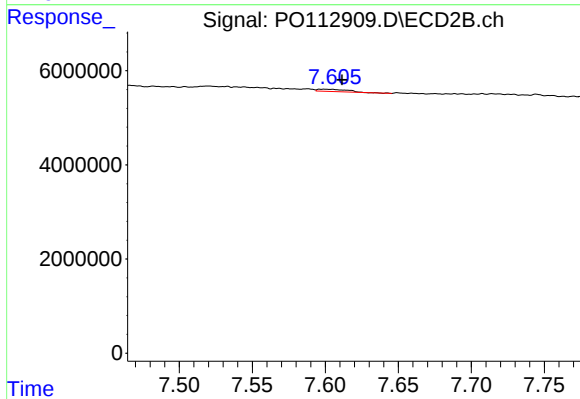
#41 AR-1268-1

R.T.: 7.520 min
Delta R.T.: -0.026 min
Response: 1354400
Conc: 2.62 ng/ml



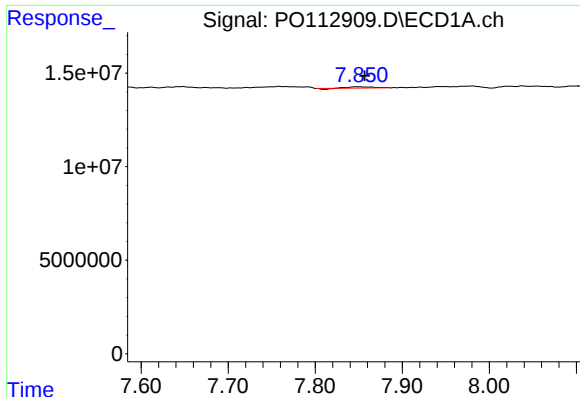
#42 AR-1268-2

R.T.: 7.647 min
Delta R.T.: -0.005 min
Response: 2137556
Conc: 1.45 ng/ml



#42 AR-1268-2

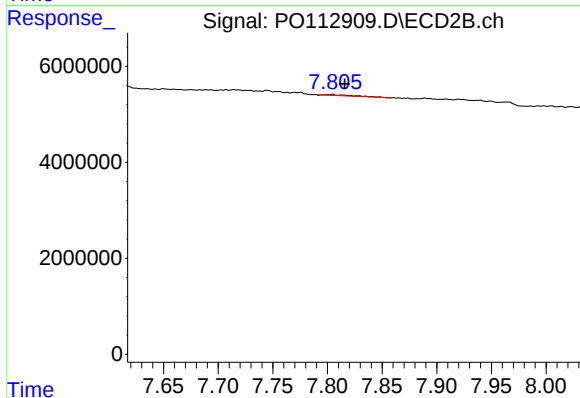
R.T.: 7.599 min
Delta R.T.: -0.012 min
Response: 677135
Conc: 1.59 ng/ml



#43 AR-1268-3

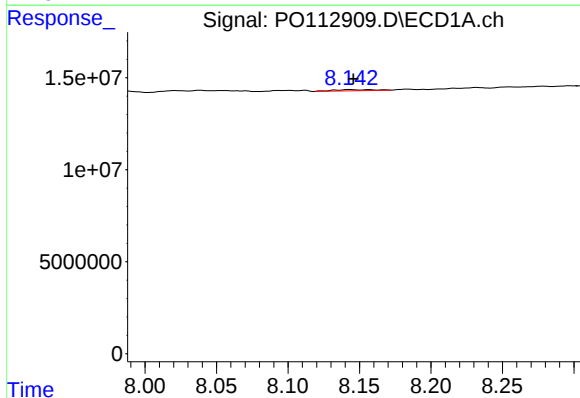
R.T.: 7.849 min
Delta R.T.: -0.007 min
Response: 1057008
Conc: 0.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



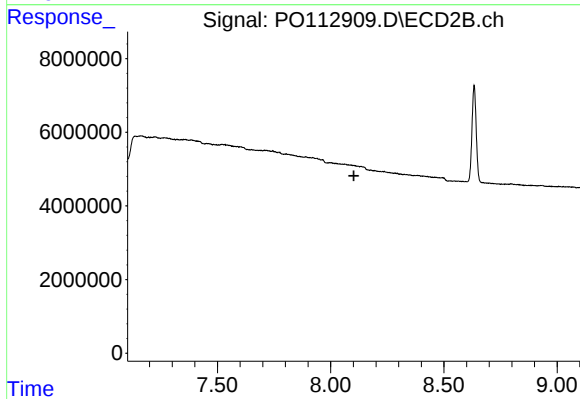
#43 AR-1268-3

R.T.: 7.805 min
Delta R.T.: -0.011 min
Response: 198186
Conc: 0.62 ng/ml



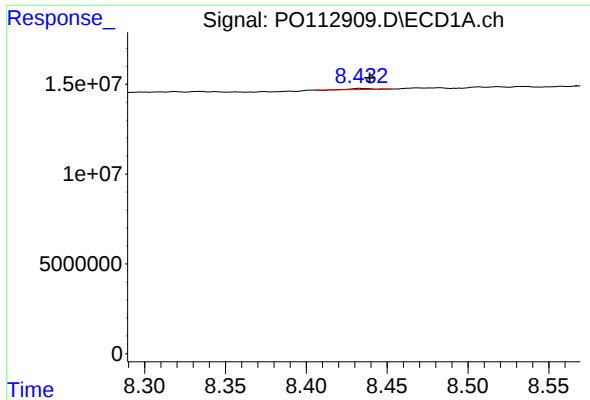
#44 AR-1268-4

R.T.: 8.143 min
Delta R.T.: -0.002 min
Response: 1222013
Conc: 2.54 ng/ml



#44 AR-1268-4

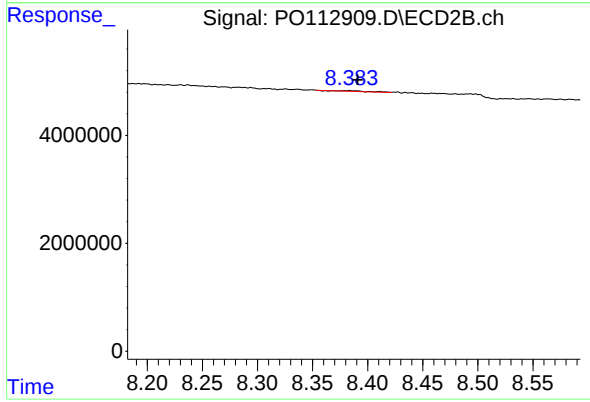
R.T.: 0.000 min
Exp R.T.: 8.103 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.434 min
Delta R.T.: -0.006 min
Response: 602079
Conc: 0.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



#45 AR-1268-5

R.T.: 8.383 min
Delta R.T.: -0.008 min
Response: 268187
Conc: 0.37 ng/ml