

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083023\
 Data File : P0097561.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2023 22:29
 Operator : YP/AJ
 Sample : 04201-02
 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: Aug 31 01:31:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 29 10:29:21 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...	4.446	3.628	63275187	13885212	18.958	20.582
2)	SA Decachlor...	10.303	8.673	28373317	9771126	15.459	17.022
Target Compounds							
3)	L1 AR-1016-1	5.624	4.722	837889	197736	9.309	9.084
4)	L1 AR-1016-2	5.647	4.740	1335003	205297	9.621	6.804 #
5)	L1 AR-1016-3	5.709	4.916	968272	46304	10.679	2.867 #
6)	L1 AR-1016-4	5.809	4.967	532113	79808	7.675	5.562 #
7)	L1 AR-1016-5	6.112	5.174	205595	213594	2.895	11.679 #
8)	L2 AR-1221-1	4.654	3.839	1419154	54522	35.262	6.660 #
9)	L2 AR-1221-2	4.755	3.928	1587582	257040	52.815	44.350
10)	L2 AR-1221-3	4.821	0.000	154694	0	1.737	N.D. #
11)	L3 AR-1232-1	4.821	0.000	154694	0	2.097	N.D. #
12)	L3 AR-1232-2	5.354	4.740	570132	205297	14.878	14.706
13)	L3 AR-1232-3	5.647	4.916	1335003	46304	20.641	6.593 #
14)	L3 AR-1232-4	5.809	4.999	532113	106084	16.705	15.004
15)	L3 AR-1232-5	5.899	5.174	339676	213594	11.544	27.136 #
16)	L4 AR-1242-1	5.624	4.722	837889	197736	10.345	10.251
17)	L4 AR-1242-2	5.647	4.740	1335003	205297	10.690	7.542 #
18)	L4 AR-1242-3	5.709	4.916	968272	46304	11.777	3.227 #
19)	L4 AR-1242-4	5.809	4.999	532113	106084	8.477	6.698
20)	L4 AR-1242-5	6.528	5.530	640149	61883	10.178	3.506 #
21)	L5 AR-1248-1	5.624	4.722	837889	197736	14.207	14.389
22)	L5 AR-1248-2	5.899	4.967	339676	79808	3.434	3.599
23)	L5 AR-1248-3	6.112	4.999	205595	106084	1.984	4.614 #
24)	L5 AR-1248-4	6.528	5.174	640149	213594	6.998	7.871
25)	L5 AR-1248-5	6.528	5.578	640149	60016	6.306	2.655 #
26)	L6 AR-1254-1	6.490	5.530	128705	61883	1.171	1.603 #
27)	L6 AR-1254-2	6.706	5.680	3167058	81984	19.435	2.407 #
28)	L6 AR-1254-3	7.074	6.073	2290564	604456	14.065	11.392
29)	L6 AR-1254-4	7.364	6.322	243723	31851	2.501	1.168 #
30)	L6 AR-1254-5	7.733f	6.728	792.9E6	213853	7021.825	4.850 #
31)	L7 AR-1260-1	7.246	6.214	250445	285203	1.962	7.636 #
32)	L7 AR-1260-2	7.510	6.405	1432303	121429	10.511	2.870 #
33)	L7 AR-1260-3	7.905f	6.569	193763	450742	1.833	10.768 #
34)	L7 AR-1260-4	8.083	7.038	40891	44056	0.361	1.362 #
35)	L7 AR-1260-5	8.403	7.275	1763453	489180	9.381	7.409
36)	L8 AR-1262-1	7.905f	6.822	193763	76611	1.288	3.817 #
37)	L8 AR-1262-2	8.403	7.038	1763453	44056	8.053	1.008 #
38)	L8 AR-1262-3	8.718	7.561	69298	602745	0.447	19.340 #
39)	L8 AR-1262-4	8.797f	7.604	3252531	121586	26.091	2.162 #
40)	L8 AR-1262-5	9.506	8.126	43001	49824	0.625	2.118 #
41)	L9 AR-1268-1	8.718	7.561	69298	602745	0.244	6.297 #

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 Acq On : 30 Aug 2023 22:29
 Operator : YP/AJ
 Sample : 04201-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

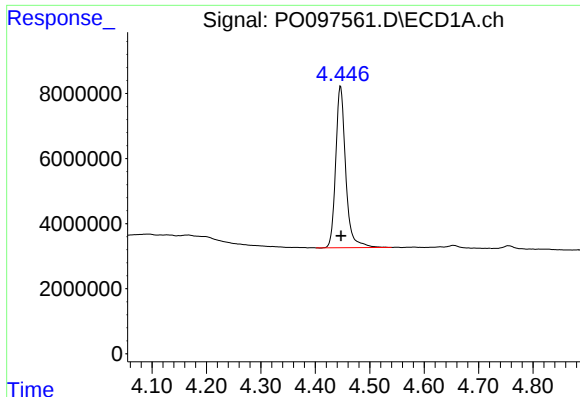
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 01:31:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082823.M
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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	8.797f	7.604	3252531	121586	12.801	1.467 #
43) L9	AR-1268-3	9.075	7.920	991136	446636	4.395	22.541 #
44) L9	AR-1268-4	9.506	8.126	43001	49824	0.559	1.928 #
45) L9	AR-1268-5	9.954	8.415	203789	129238	0.295	0.567 #

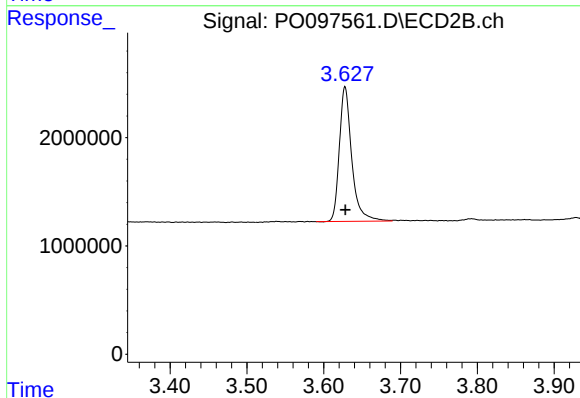
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

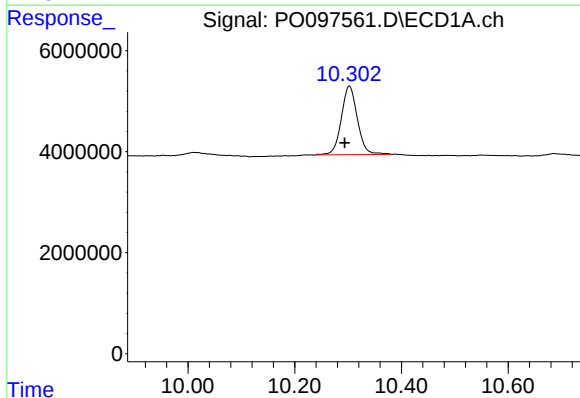
R.T.: 4.446 min
Delta R.T.: 0.000 min
Response: 63275187
Conc: 18.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



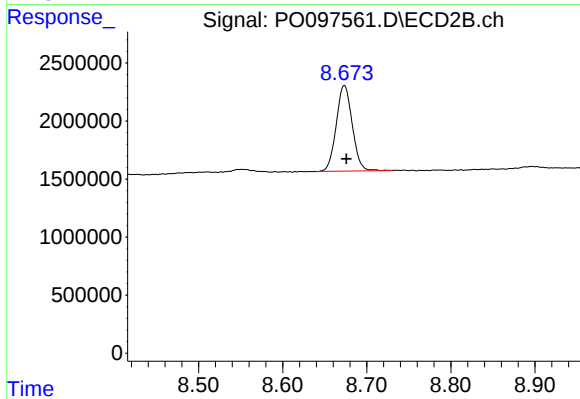
#1 Tetrachloro-m-xylene

R.T.: 3.628 min
Delta R.T.: 0.000 min
Response: 13885212
Conc: 20.58 ng/ml



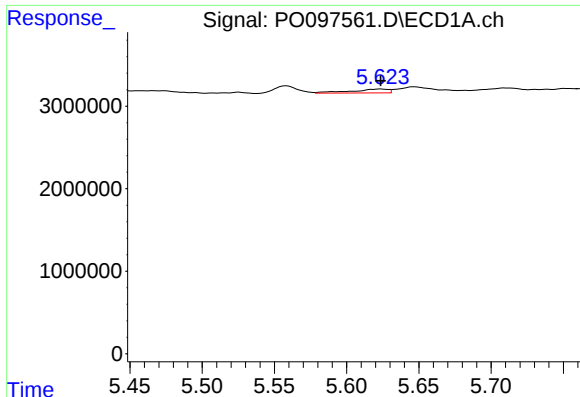
#2 Decachlorobiphenyl

R.T.: 10.303 min
Delta R.T.: 0.009 min
Response: 28373317
Conc: 15.46 ng/ml



#2 Decachlorobiphenyl

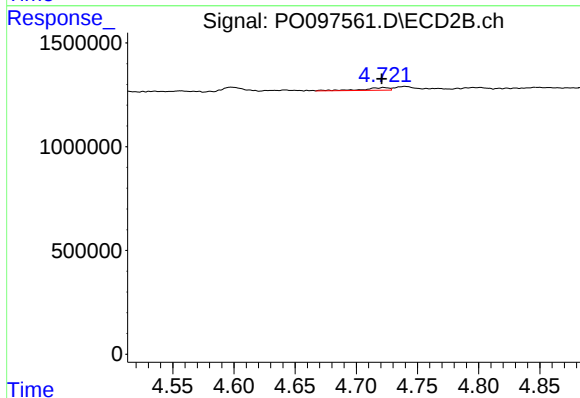
R.T.: 8.673 min
Delta R.T.: -0.002 min
Response: 9771126
Conc: 17.02 ng/ml



#3 AR-1016-1

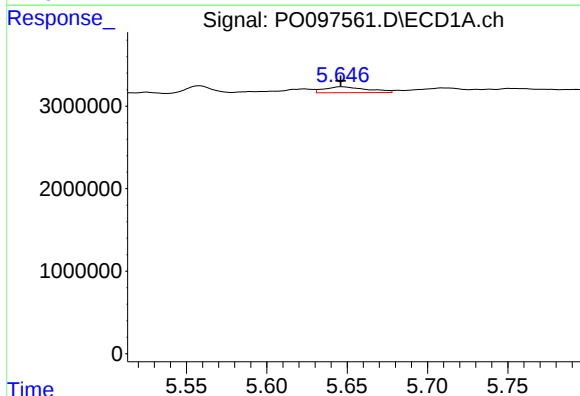
R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 837889
Conc: 9.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



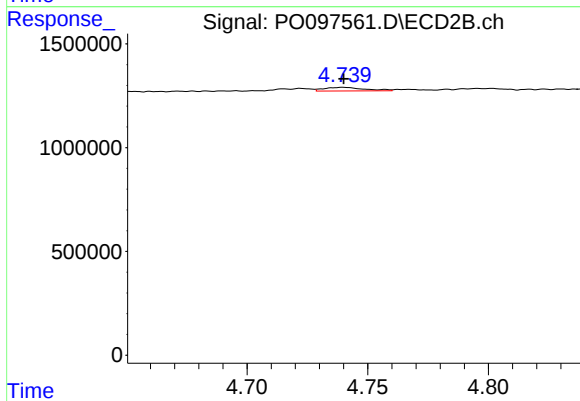
#3 AR-1016-1

R.T.: 4.722 min
Delta R.T.: 0.002 min
Response: 197736
Conc: 9.08 ng/ml



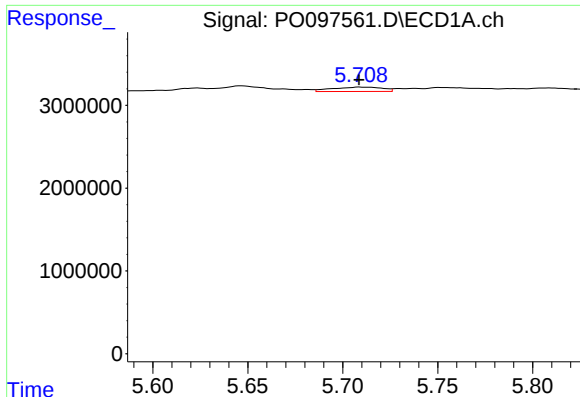
#4 AR-1016-2

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 1335003
Conc: 9.62 ng/ml



#4 AR-1016-2

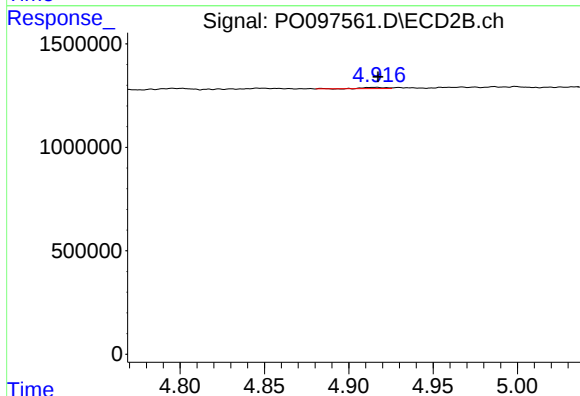
R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 205297
Conc: 6.80 ng/ml



#5 AR-1016-3

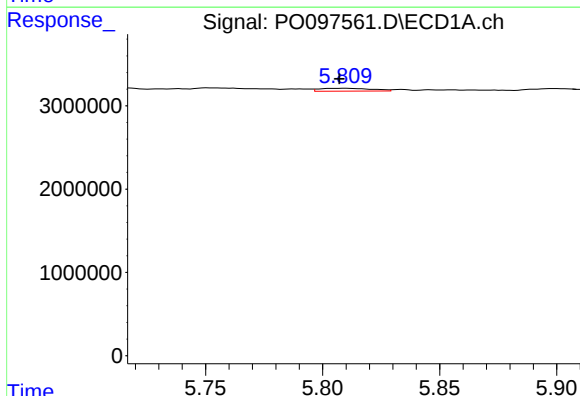
R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 968272
Conc: 10.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



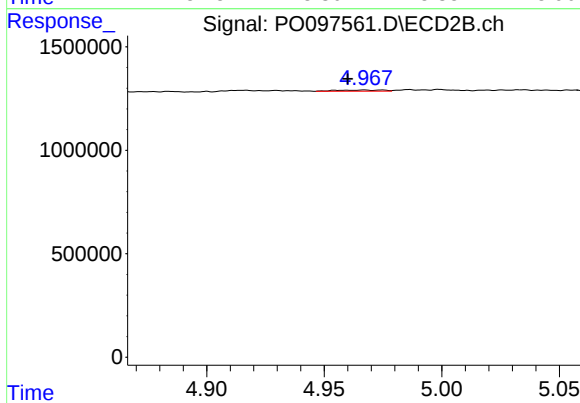
#5 AR-1016-3

R.T.: 4.916 min
Delta R.T.: -0.001 min
Response: 46304
Conc: 2.87 ng/ml



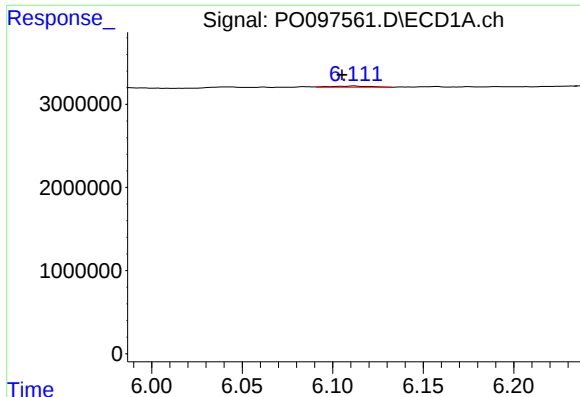
#6 AR-1016-4

R.T.: 5.809 min
Delta R.T.: 0.002 min
Response: 532113
Conc: 7.67 ng/ml



#6 AR-1016-4

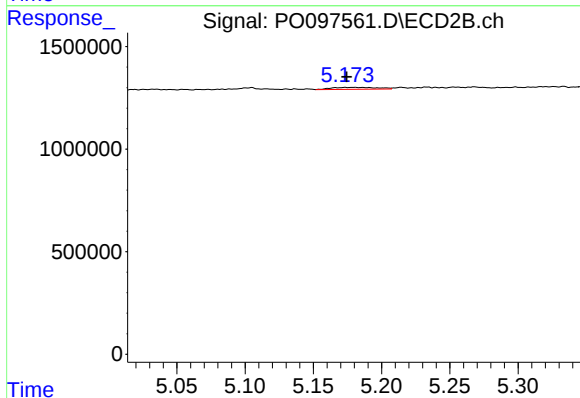
R.T.: 4.967 min
Delta R.T.: 0.007 min
Response: 79808
Conc: 5.56 ng/ml



#7 AR-1016-5

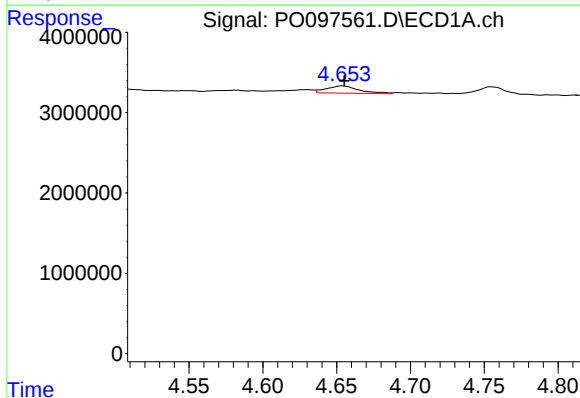
R.T.: 6.112 min
Delta R.T.: 0.007 min
Response: 205595
Conc: 2.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



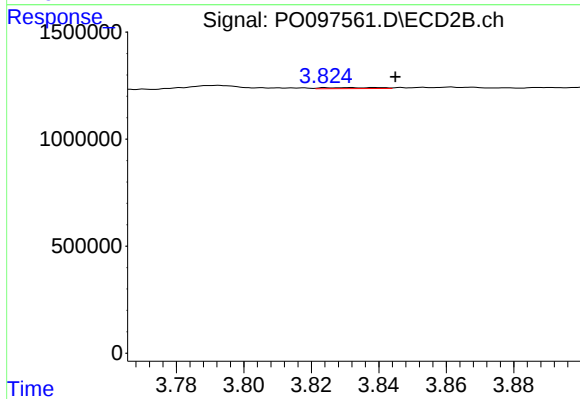
#7 AR-1016-5

R.T.: 5.174 min
Delta R.T.: 0.000 min
Response: 213594
Conc: 11.68 ng/ml



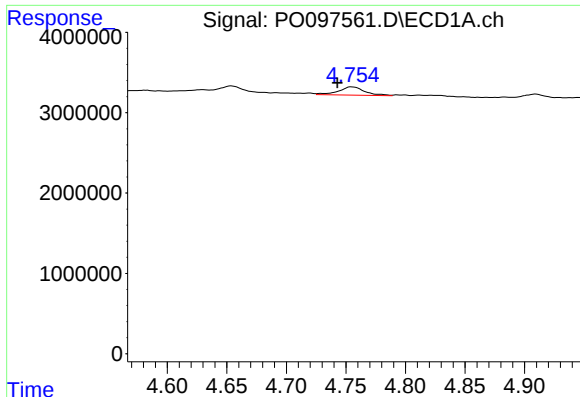
#8 AR-1221-1

R.T.: 4.654 min
Delta R.T.: -0.001 min
Response: 1419154
Conc: 35.26 ng/ml



#8 AR-1221-1

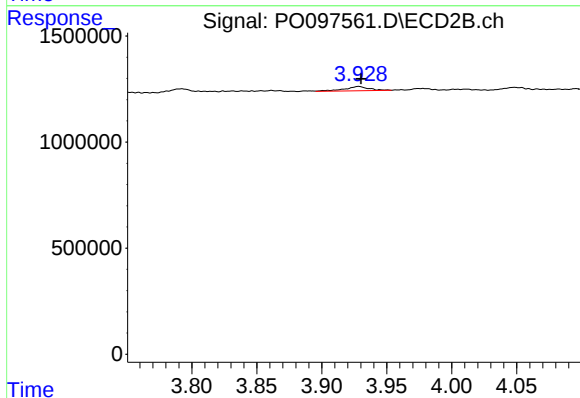
R.T.: 3.839 min
Delta R.T.: -0.006 min
Response: 54522
Conc: 6.66 ng/ml



#9 AR-1221-2

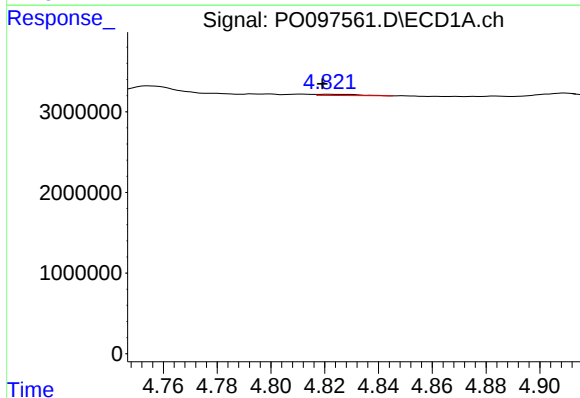
R.T.: 4.755 min
Delta R.T.: 0.012 min
Response: 1587582
Conc: 52.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



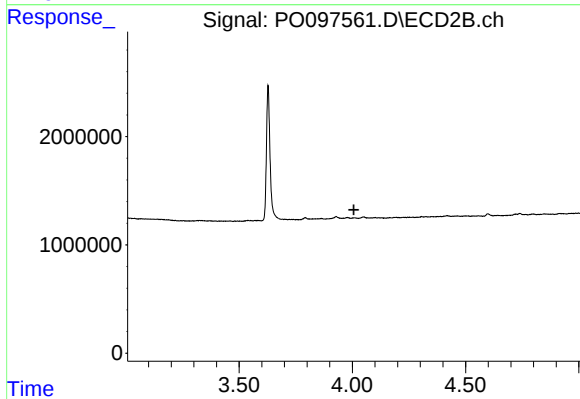
#9 AR-1221-2

R.T.: 3.928 min
Delta R.T.: -0.002 min
Response: 257040
Conc: 44.35 ng/ml



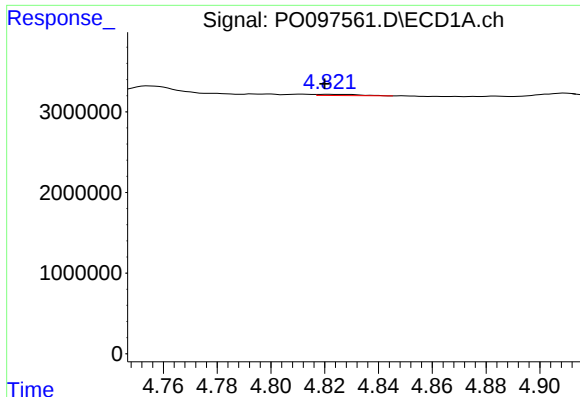
#10 AR-1221-3

R.T.: 4.821 min
Delta R.T.: 0.002 min
Response: 154694
Conc: 1.74 ng/ml



#10 AR-1221-3

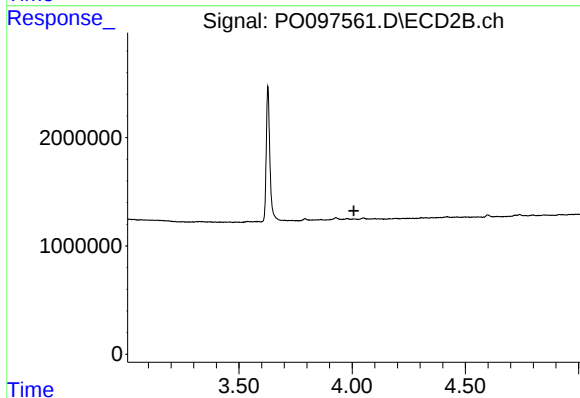
R.T.: 0.000 min
Exp R.T. : 4.007 min
Response: 0
Conc: N.D.



#11 AR-1232-1

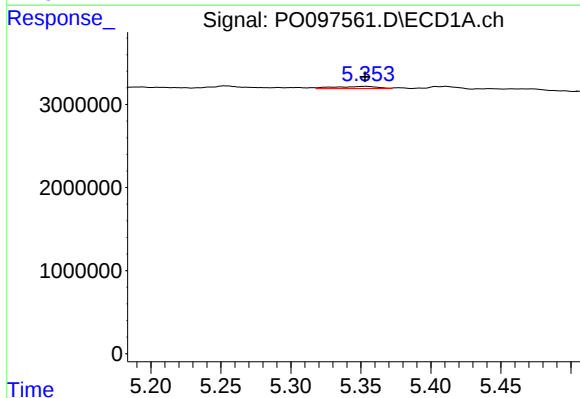
R.T.: 4.821 min
Delta R.T.: 0.001 min
Response: 154694
Conc: 2.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



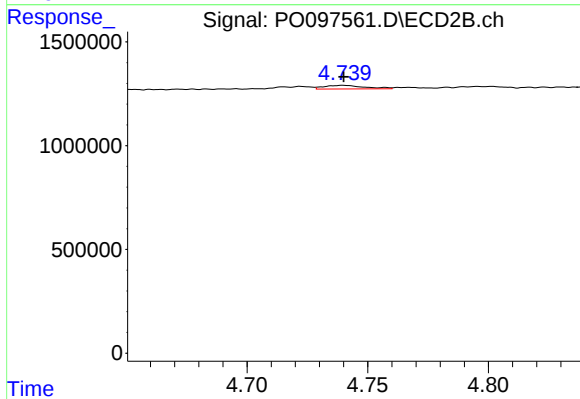
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.007 min
Response: 0
Conc: N.D.



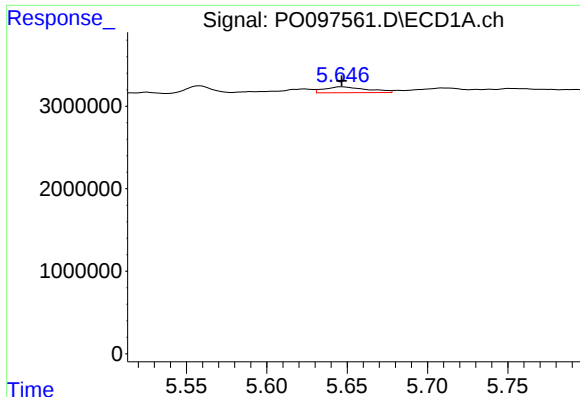
#12 AR-1232-2

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 570132
Conc: 14.88 ng/ml



#12 AR-1232-2

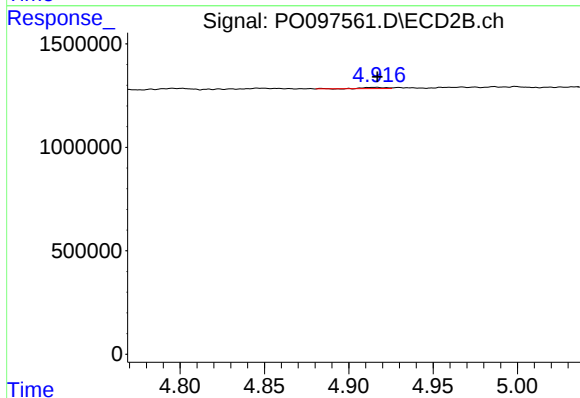
R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 205297
Conc: 14.71 ng/ml



#13 AR-1232-3

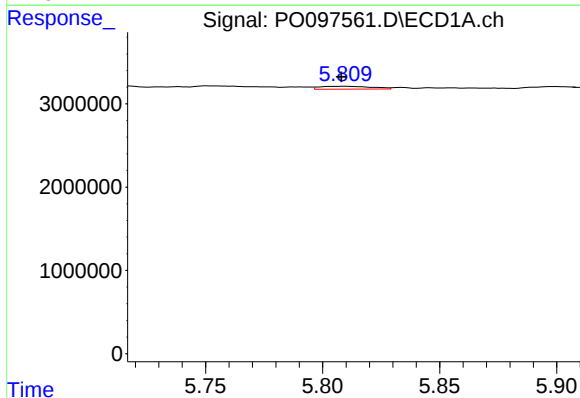
R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 1335003
Conc: 20.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



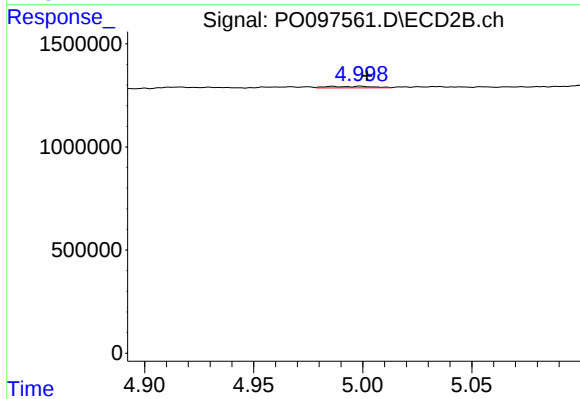
#13 AR-1232-3

R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 46304
Conc: 6.59 ng/ml



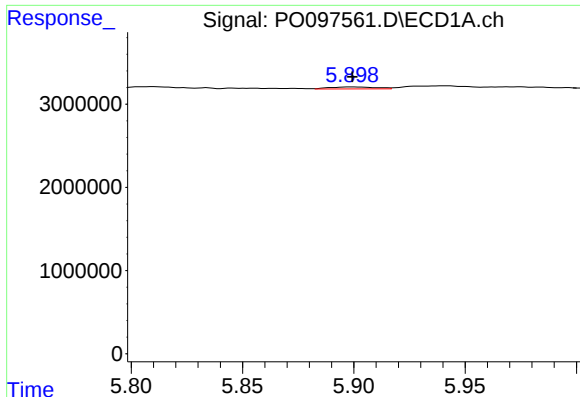
#14 AR-1232-4

R.T.: 5.809 min
Delta R.T.: 0.001 min
Response: 532113
Conc: 16.70 ng/ml



#14 AR-1232-4

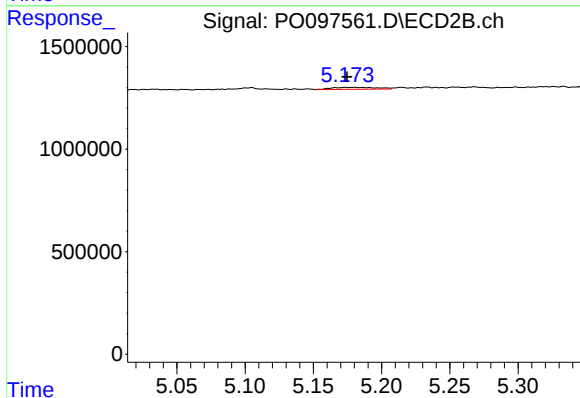
R.T.: 4.999 min
Delta R.T.: -0.003 min
Response: 106084
Conc: 15.00 ng/ml



#15 AR-1232-5

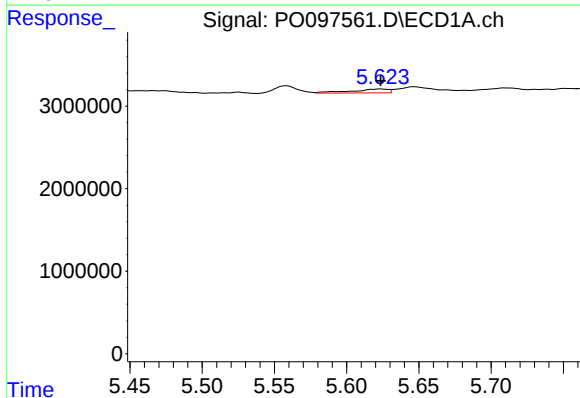
R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 339676
Conc: 11.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



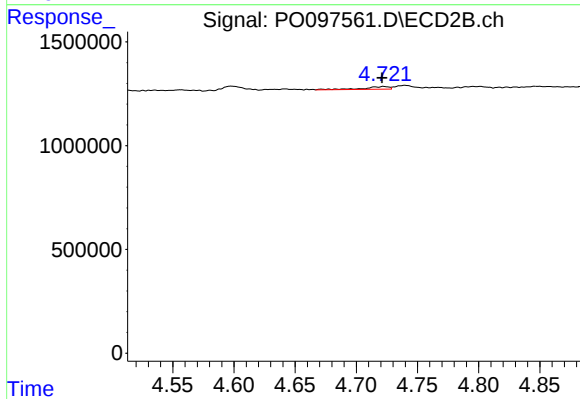
#15 AR-1232-5

R.T.: 5.174 min
Delta R.T.: -0.001 min
Response: 213594
Conc: 27.14 ng/ml



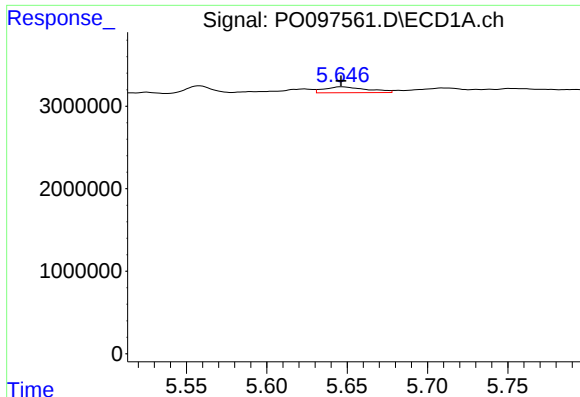
#16 AR-1242-1

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 837889
Conc: 10.35 ng/ml



#16 AR-1242-1

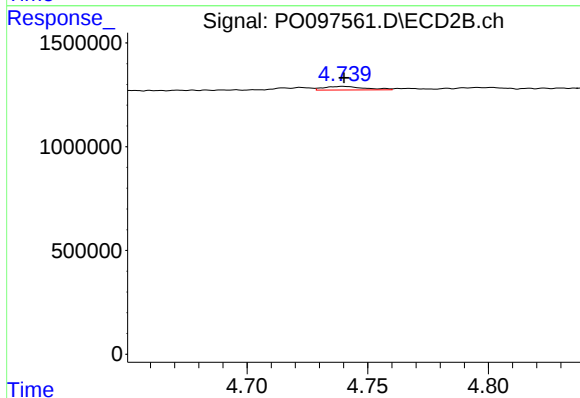
R.T.: 4.722 min
Delta R.T.: 0.001 min
Response: 197736
Conc: 10.25 ng/ml



#17 AR-1242-2

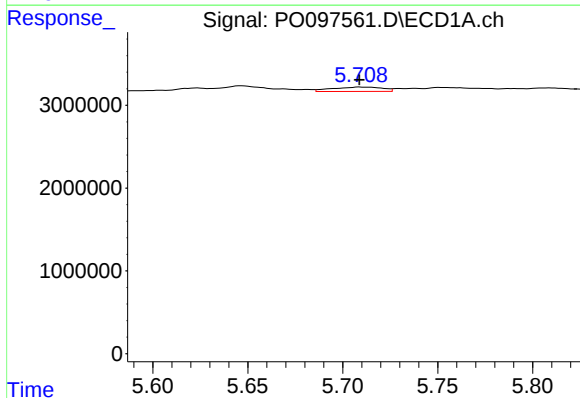
R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 1335003
Conc: 10.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



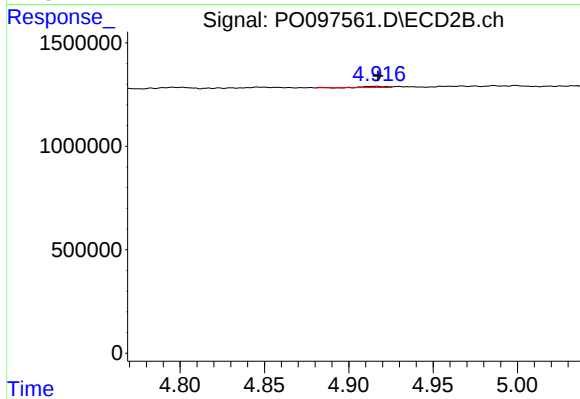
#17 AR-1242-2

R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 205297
Conc: 7.54 ng/ml



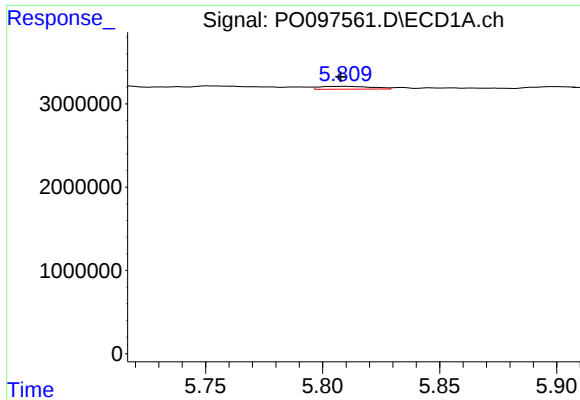
#18 AR-1242-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 968272
Conc: 11.78 ng/ml



#18 AR-1242-3

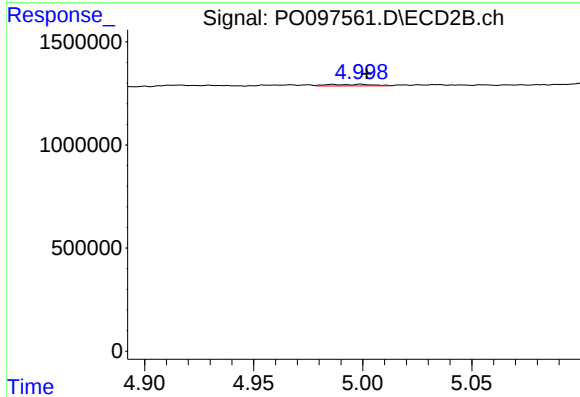
R.T.: 4.916 min
Delta R.T.: -0.001 min
Response: 46304
Conc: 3.23 ng/ml



#19 AR-1242-4

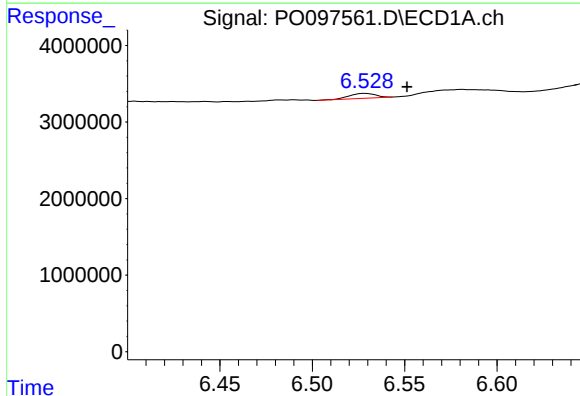
R.T.: 5.809 min
Delta R.T.: 0.002 min
Response: 532113
Conc: 8.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



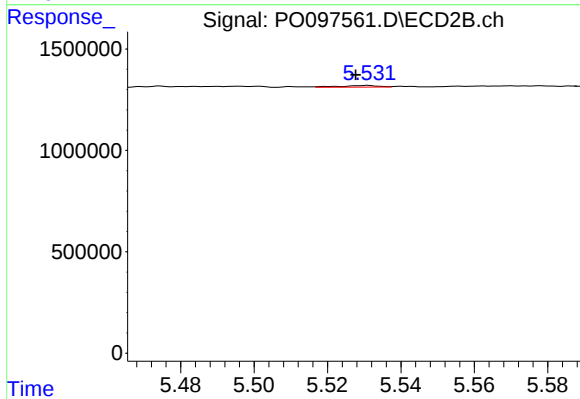
#19 AR-1242-4

R.T.: 4.999 min
Delta R.T.: -0.003 min
Response: 106084
Conc: 6.70 ng/ml



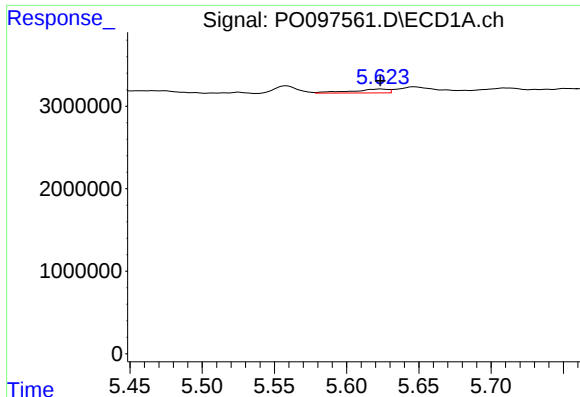
#20 AR-1242-5

R.T.: 6.528 min
Delta R.T.: -0.023 min
Response: 640149
Conc: 10.18 ng/ml



#20 AR-1242-5

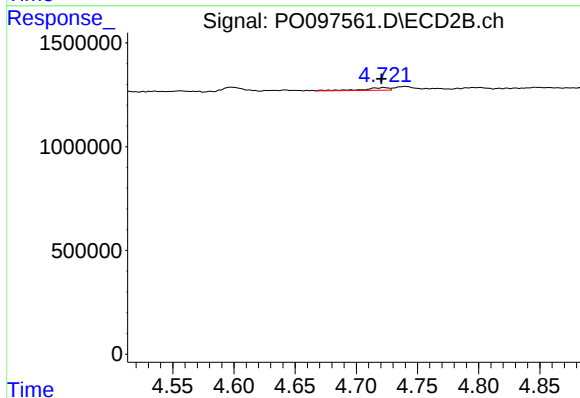
R.T.: 5.530 min
Delta R.T.: 0.003 min
Response: 61883
Conc: 3.51 ng/ml



#21 AR-1248-1

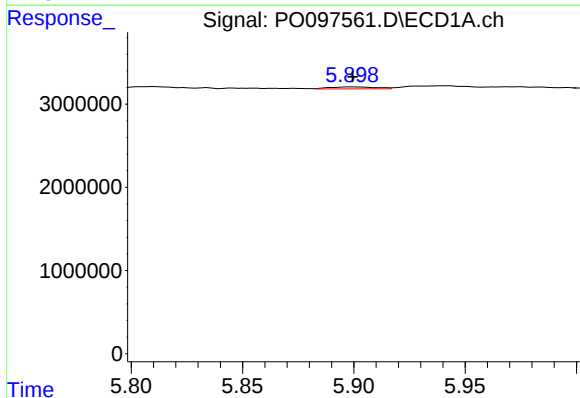
R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 837889
Conc: 14.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



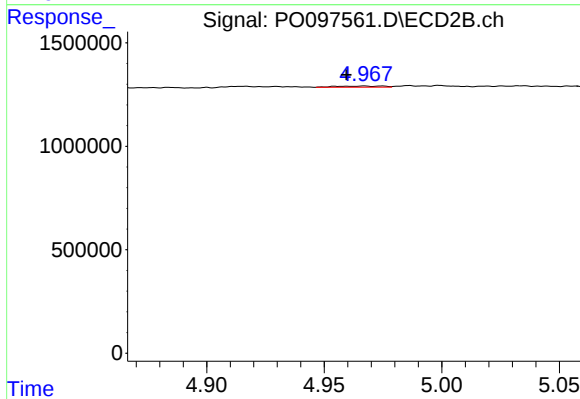
#21 AR-1248-1

R.T.: 4.722 min
Delta R.T.: 0.002 min
Response: 197736
Conc: 14.39 ng/ml



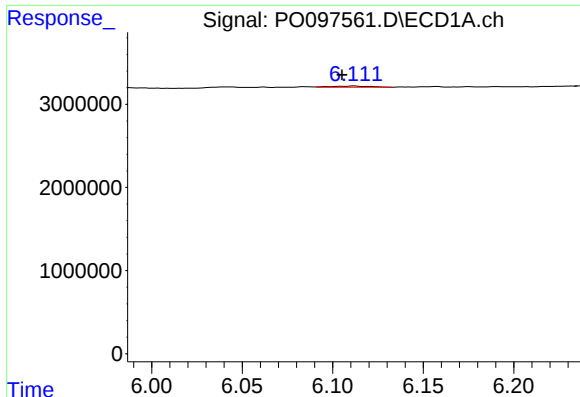
#22 AR-1248-2

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 339676
Conc: 3.43 ng/ml



#22 AR-1248-2

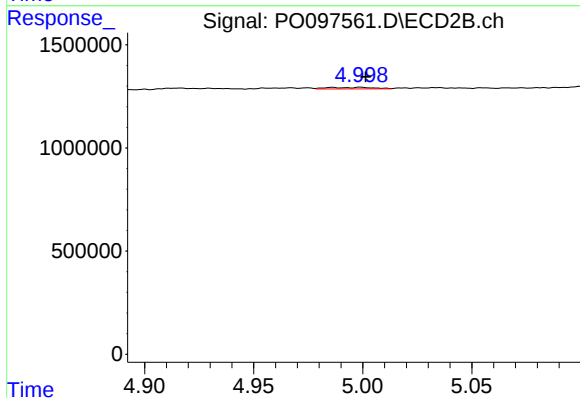
R.T.: 4.967 min
Delta R.T.: 0.008 min
Response: 79808
Conc: 3.60 ng/ml



#23 AR-1248-3

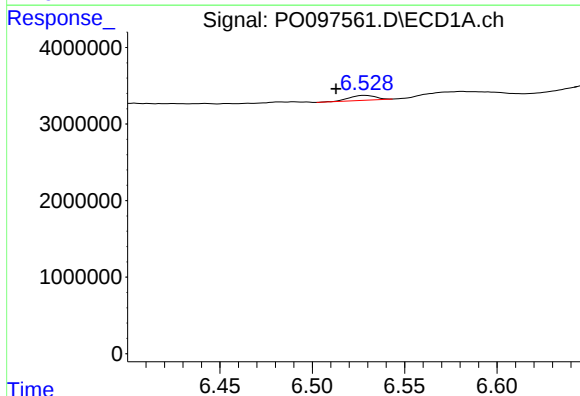
R.T.: 6.112 min
Delta R.T.: 0.007 min
Response: 205595
Conc: 1.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



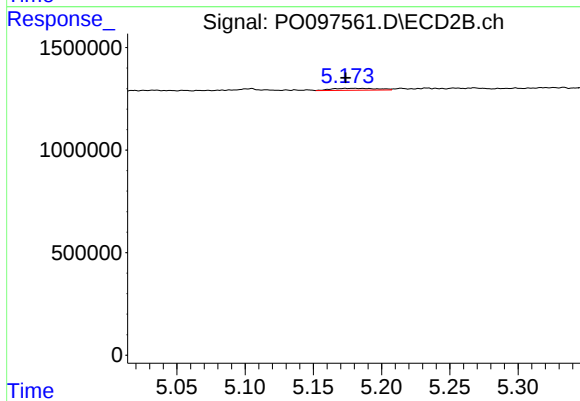
#23 AR-1248-3

R.T.: 4.999 min
Delta R.T.: -0.002 min
Response: 106084
Conc: 4.61 ng/ml



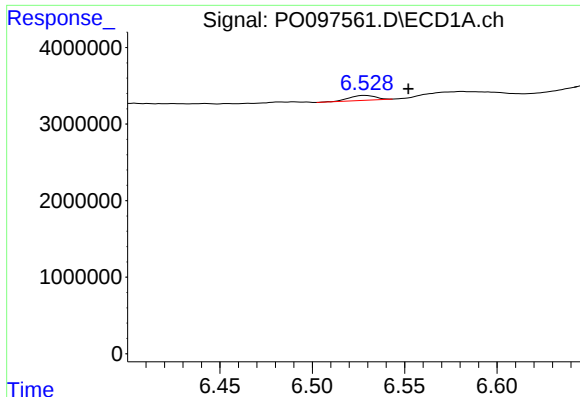
#24 AR-1248-4

R.T.: 6.528 min
Delta R.T.: 0.016 min
Response: 640149
Conc: 7.00 ng/ml



#24 AR-1248-4

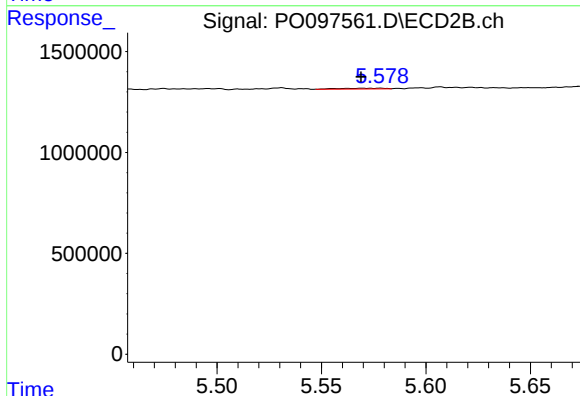
R.T.: 5.174 min
Delta R.T.: 0.000 min
Response: 213594
Conc: 7.87 ng/ml



#25 AR-1248-5

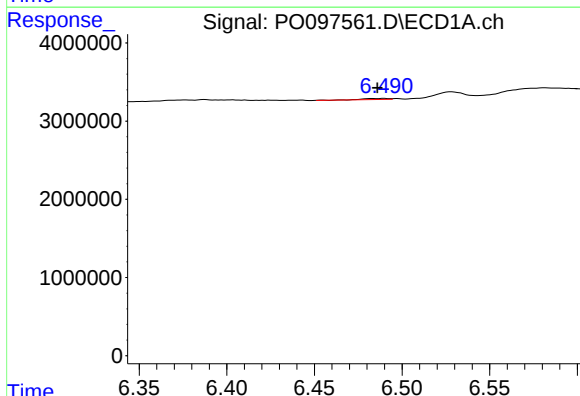
R.T.: 6.528 min
Delta R.T.: -0.023 min
Response: 640149
Conc: 6.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



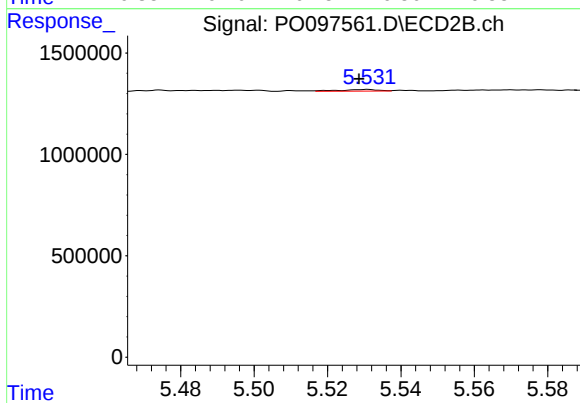
#25 AR-1248-5

R.T.: 5.578 min
Delta R.T.: 0.009 min
Response: 60016
Conc: 2.65 ng/ml



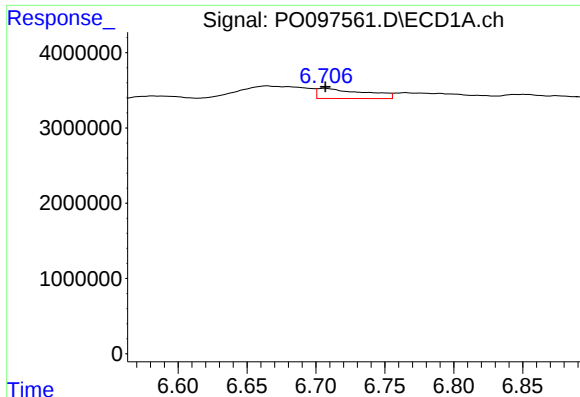
#26 AR-1254-1

R.T.: 6.490 min
Delta R.T.: 0.004 min
Response: 128705
Conc: 1.17 ng/ml



#26 AR-1254-1

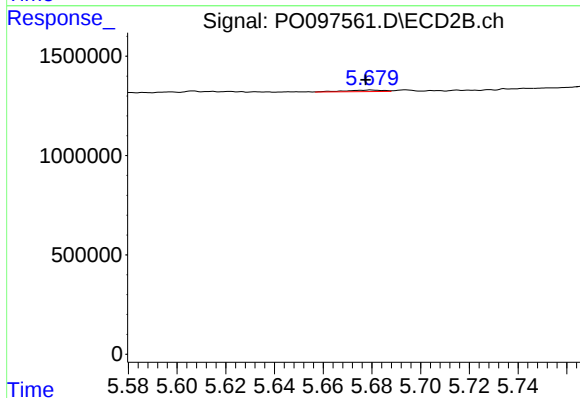
R.T.: 5.530 min
Delta R.T.: 0.002 min
Response: 61883
Conc: 1.60 ng/ml



#27 AR-1254-2

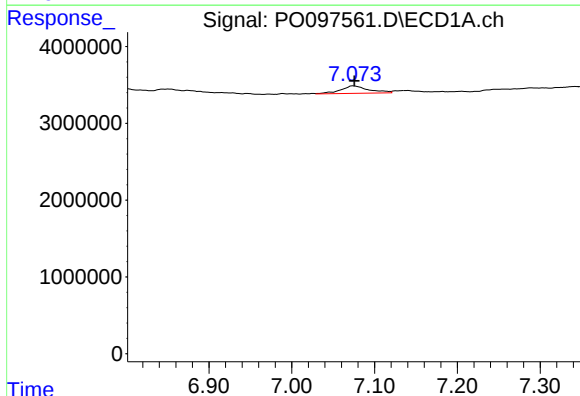
R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 3167058
Conc: 19.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



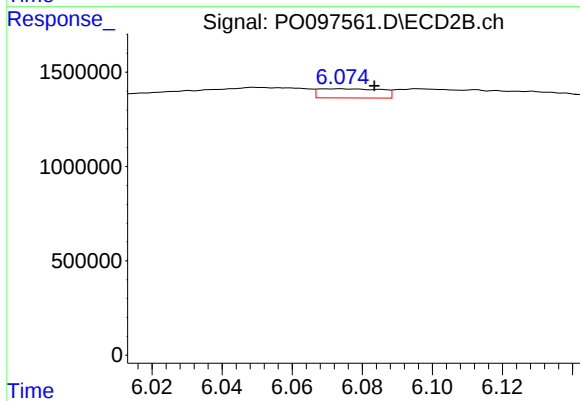
#27 AR-1254-2

R.T.: 5.680 min
Delta R.T.: 0.002 min
Response: 81984
Conc: 2.41 ng/ml



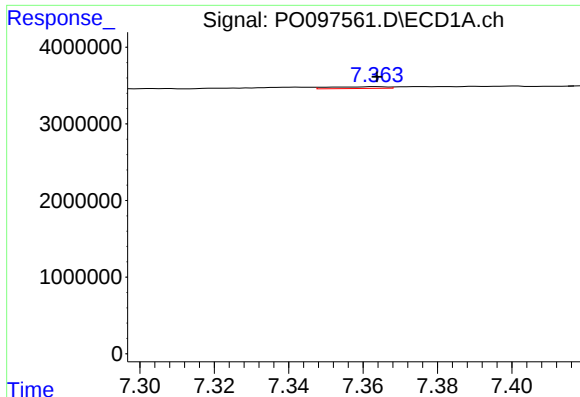
#28 AR-1254-3

R.T.: 7.074 min
Delta R.T.: -0.002 min
Response: 2290564
Conc: 14.07 ng/ml



#28 AR-1254-3

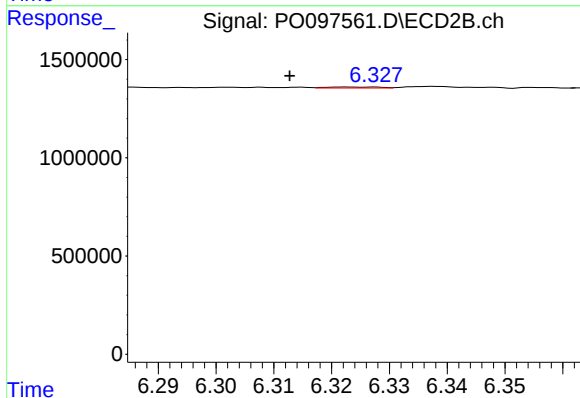
R.T.: 6.073 min
Delta R.T.: -0.010 min
Response: 604456
Conc: 11.39 ng/ml



#29 AR-1254-4

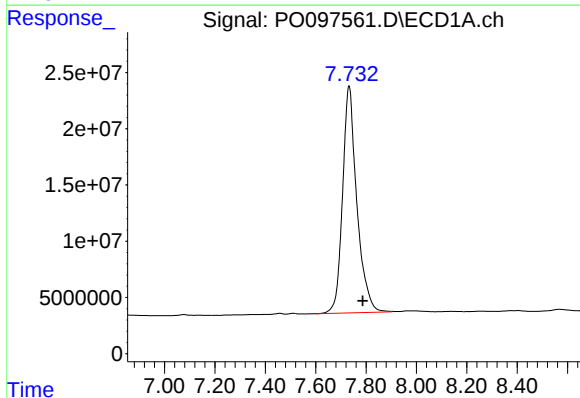
R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 243723
Conc: 2.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



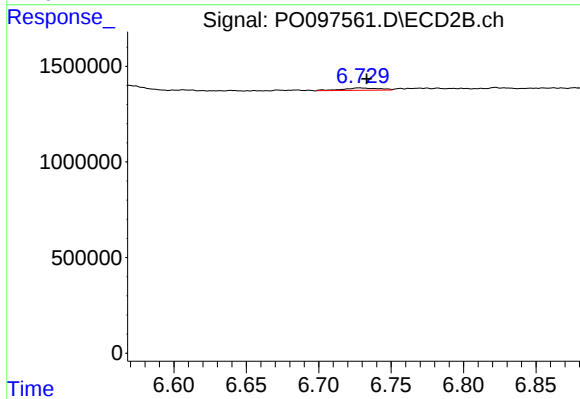
#29 AR-1254-4

R.T.: 6.322 min
Delta R.T.: 0.010 min
Response: 31851
Conc: 1.17 ng/ml



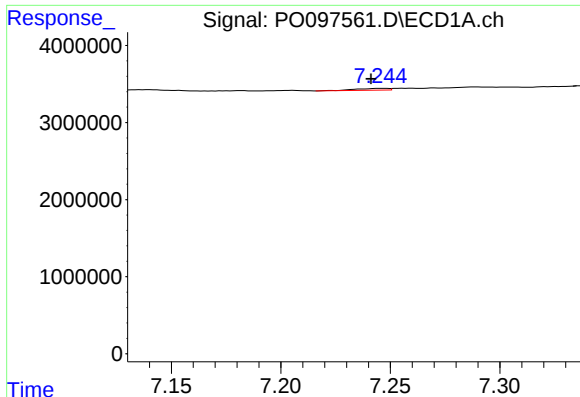
#30 AR-1254-5

R.T.: 7.733 min
Delta R.T.: -0.055 min
Response: 792925926
Conc: 7021.83 ng/ml



#30 AR-1254-5

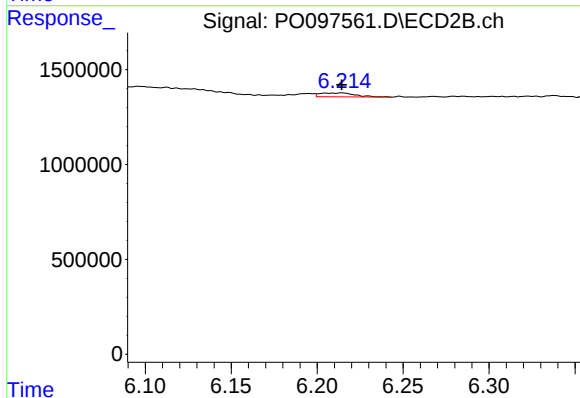
R.T.: 6.728 min
Delta R.T.: -0.005 min
Response: 213853
Conc: 4.85 ng/ml



#31 AR-1260-1

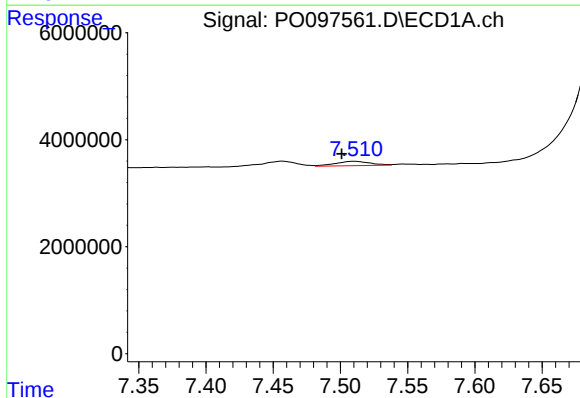
R.T.: 7.246 min
Delta R.T.: 0.005 min
Response: 250445
Conc: 1.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



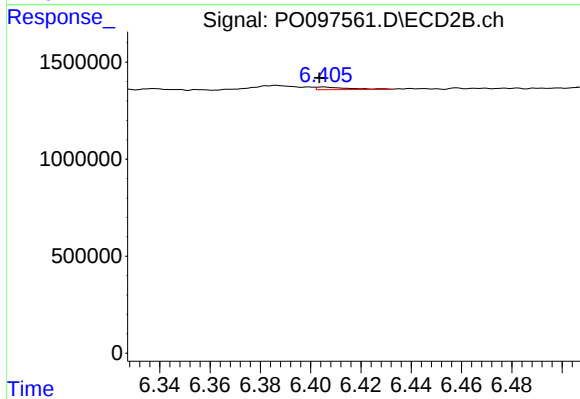
#31 AR-1260-1

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 285203
Conc: 7.64 ng/ml



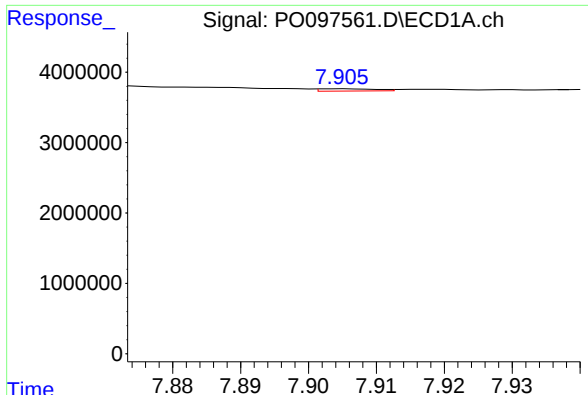
#32 AR-1260-2

R.T.: 7.510 min
Delta R.T.: 0.009 min
Response: 1432303
Conc: 10.51 ng/ml



#32 AR-1260-2

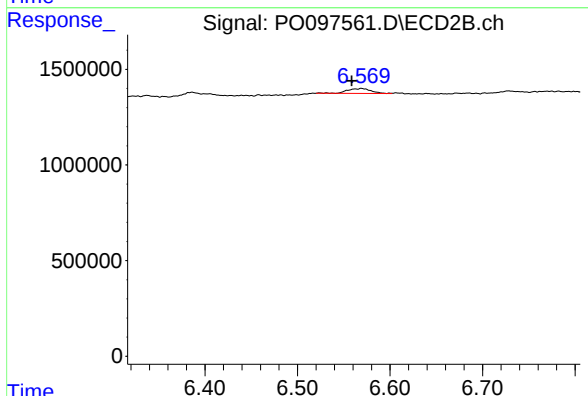
R.T.: 6.405 min
Delta R.T.: 0.001 min
Response: 121429
Conc: 2.87 ng/ml



#33 AR-1260-3

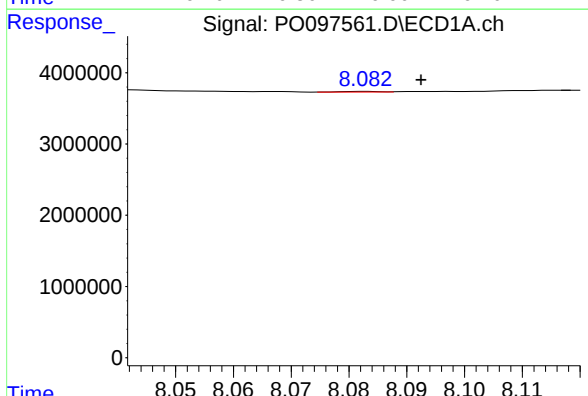
R.T.: 7.905 min
Delta R.T.: 0.041 min
Response: 193763
Conc: 1.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



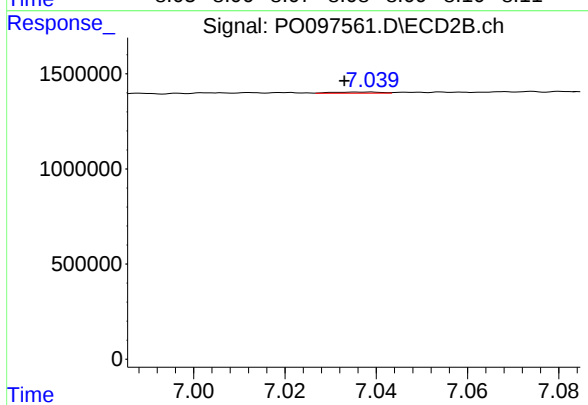
#33 AR-1260-3

R.T.: 6.569 min
Delta R.T.: 0.011 min
Response: 450742
Conc: 10.77 ng/ml



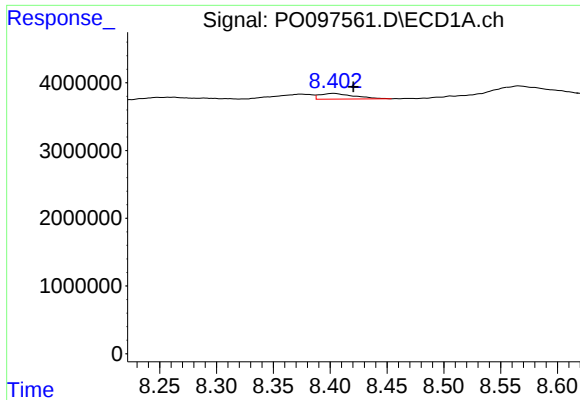
#34 AR-1260-4

R.T.: 8.083 min
Delta R.T.: -0.010 min
Response: 40891
Conc: 0.36 ng/ml



#34 AR-1260-4

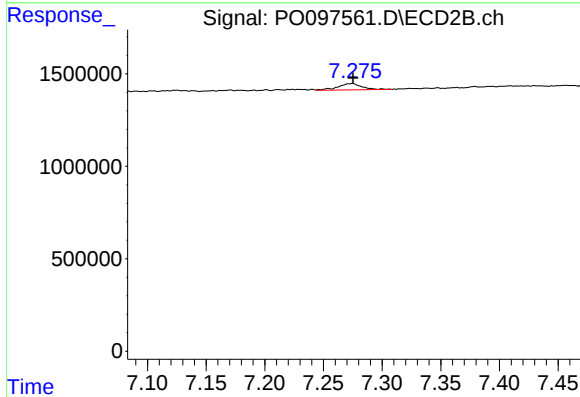
R.T.: 7.038 min
Delta R.T.: 0.005 min
Response: 44056
Conc: 1.36 ng/ml



#35 AR-1260-5

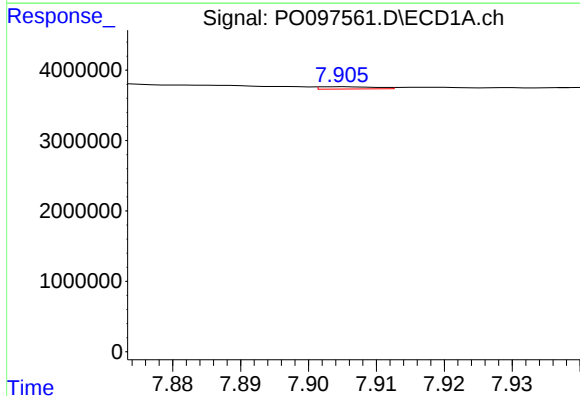
R.T.: 8.403 min
Delta R.T.: -0.017 min
Response: 1763453
Conc: 9.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



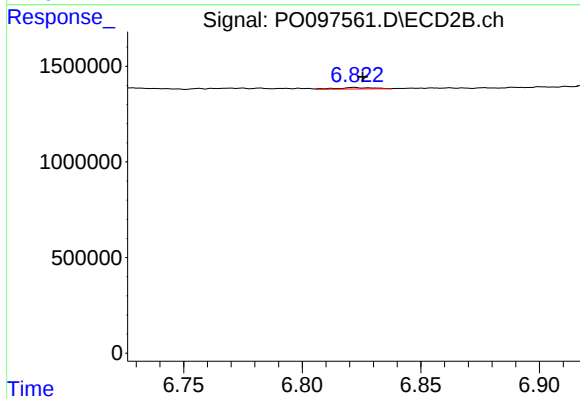
#35 AR-1260-5

R.T.: 7.275 min
Delta R.T.: 0.000 min
Response: 489180
Conc: 7.41 ng/ml



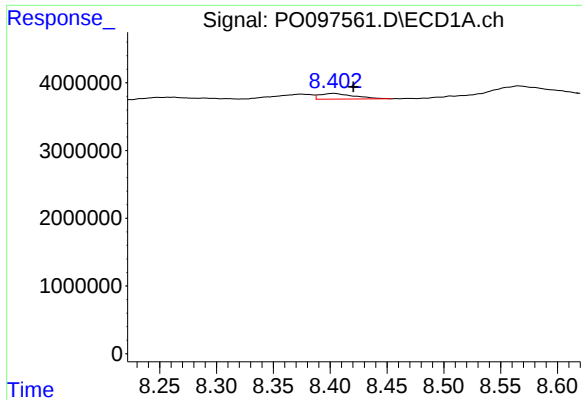
#36 AR-1262-1

R.T.: 7.905 min
Delta R.T.: 0.040 min
Response: 193763
Conc: 1.29 ng/ml



#36 AR-1262-1

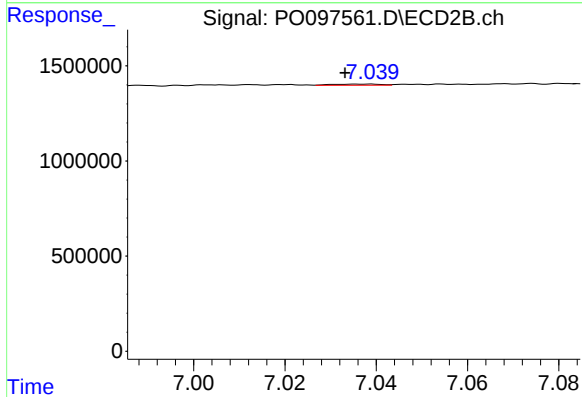
R.T.: 6.822 min
Delta R.T.: -0.004 min
Response: 76611
Conc: 3.82 ng/ml



#37 AR-1262-2

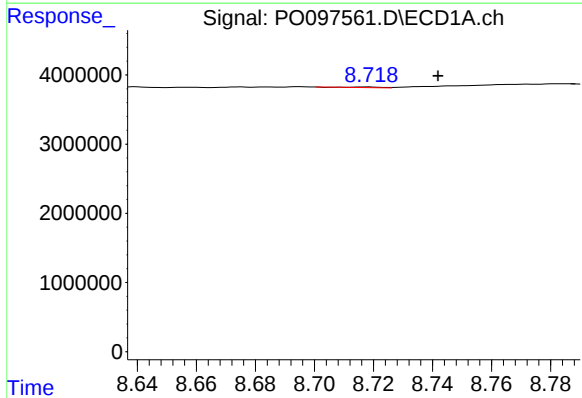
R.T.: 8.403 min
Delta R.T.: -0.018 min
Response: 1763453
Conc: 8.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



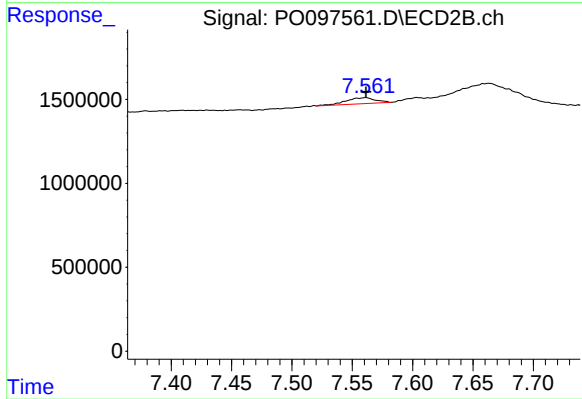
#37 AR-1262-2

R.T.: 7.038 min
Delta R.T.: 0.005 min
Response: 44056
Conc: 1.01 ng/ml



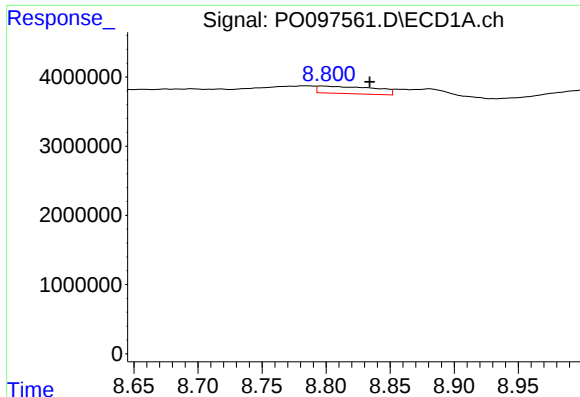
#38 AR-1262-3

R.T.: 8.718 min
Delta R.T.: -0.024 min
Response: 69298
Conc: 0.45 ng/ml



#38 AR-1262-3

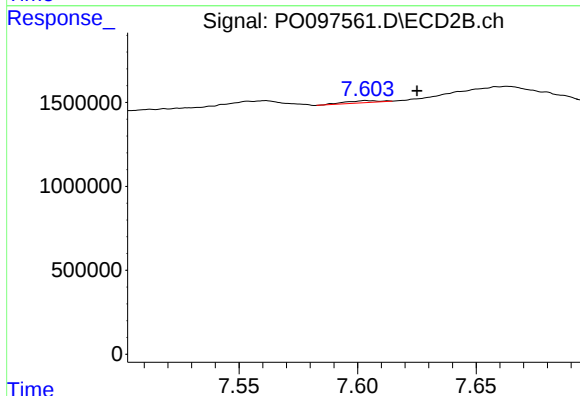
R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 602745
Conc: 19.34 ng/ml



#39 AR-1262-4

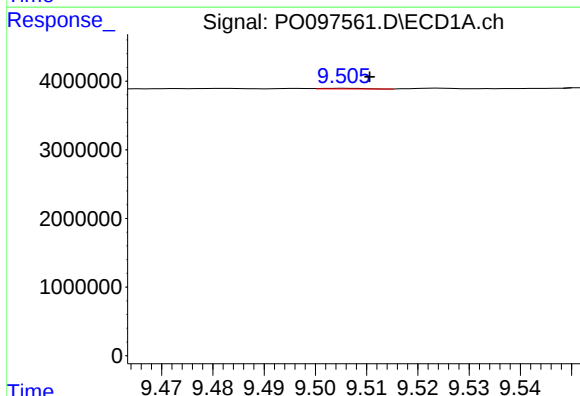
R.T.: 8.797 min
Delta R.T.: -0.037 min
Response: 3252531
Conc: 26.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



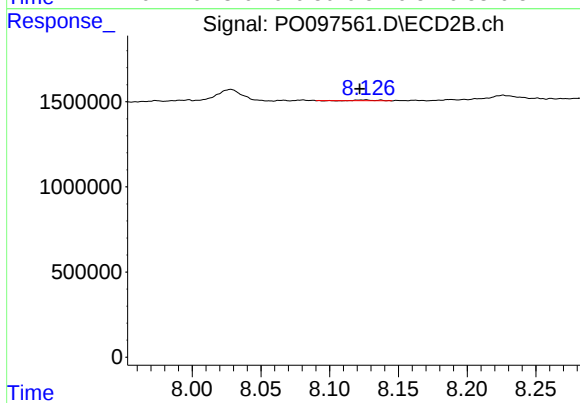
#39 AR-1262-4

R.T.: 7.604 min
Delta R.T.: -0.021 min
Response: 121586
Conc: 2.16 ng/ml



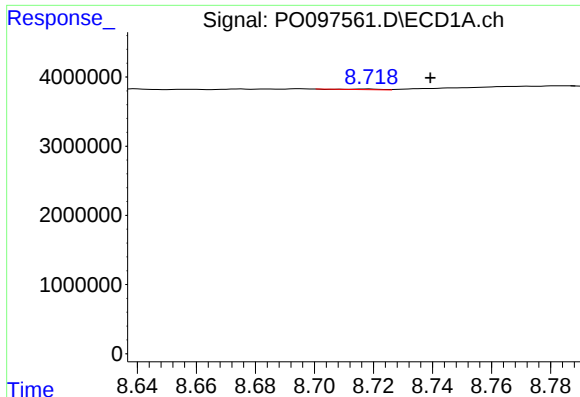
#40 AR-1262-5

R.T.: 9.506 min
Delta R.T.: -0.005 min
Response: 43001
Conc: 0.63 ng/ml



#40 AR-1262-5

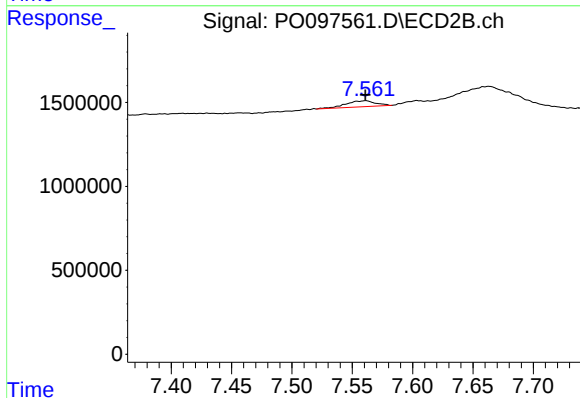
R.T.: 8.126 min
Delta R.T.: 0.004 min
Response: 49824
Conc: 2.12 ng/ml



#41 AR-1268-1

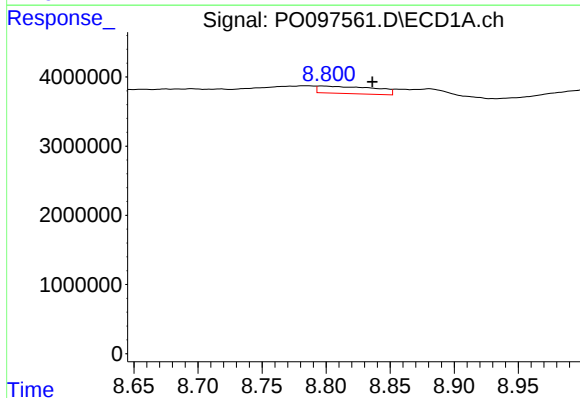
R.T.: 8.718 min
Delta R.T.: -0.021 min
Response: 69298
Conc: 0.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



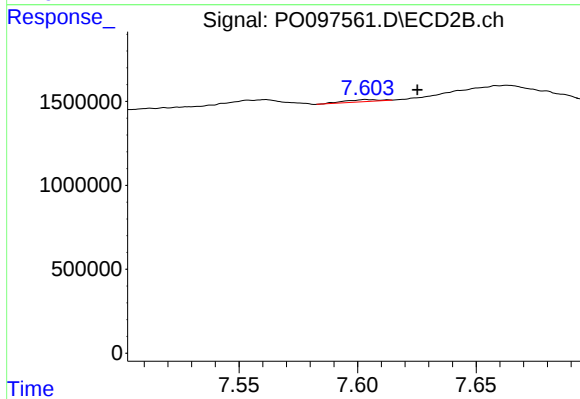
#41 AR-1268-1

R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 602745
Conc: 6.30 ng/ml



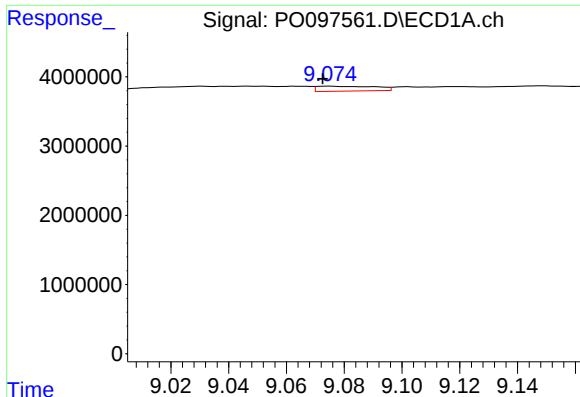
#42 AR-1268-2

R.T.: 8.797 min
Delta R.T.: -0.039 min
Response: 3252531
Conc: 12.80 ng/ml



#42 AR-1268-2

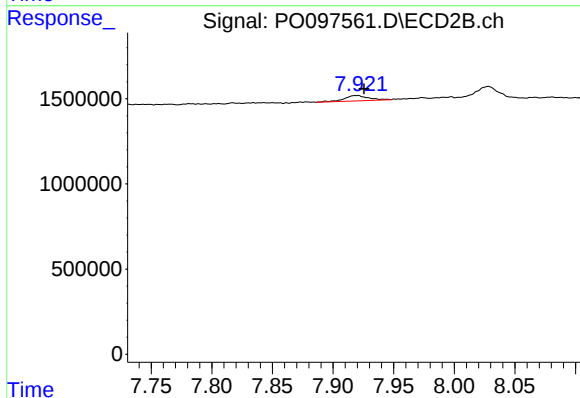
R.T.: 7.604 min
Delta R.T.: -0.021 min
Response: 121586
Conc: 1.47 ng/ml



#43 AR-1268-3

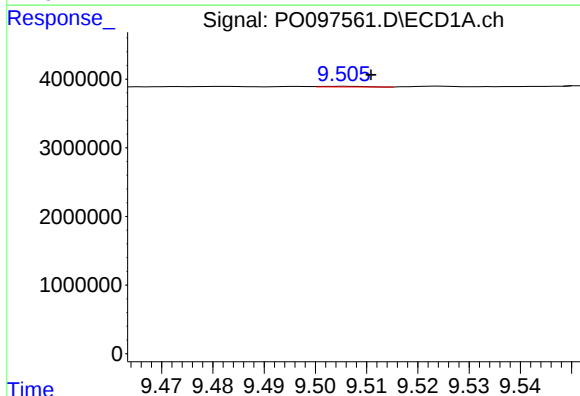
R.T.: 9.075 min
Delta R.T.: 0.002 min
Response: 991136
Conc: 4.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



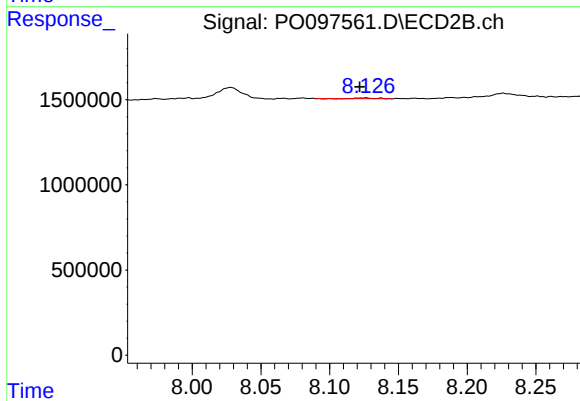
#43 AR-1268-3

R.T.: 7.920 min
Delta R.T.: -0.006 min
Response: 446636
Conc: 22.54 ng/ml



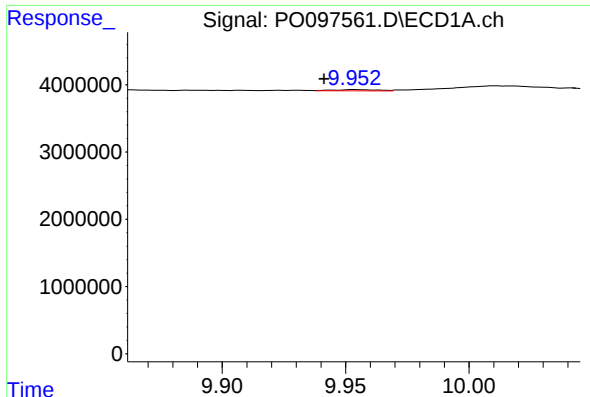
#44 AR-1268-4

R.T.: 9.506 min
Delta R.T.: -0.005 min
Response: 43001
Conc: 0.56 ng/ml



#44 AR-1268-4

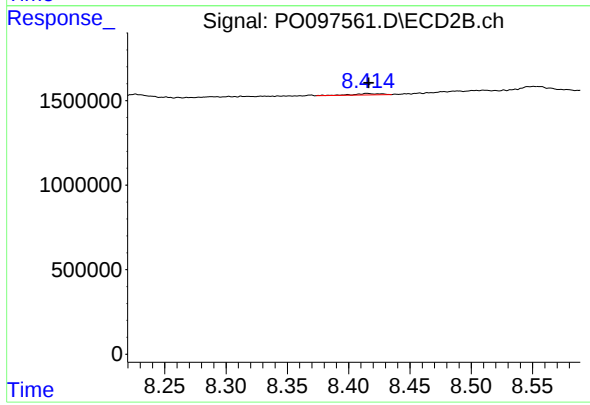
R.T.: 8.126 min
Delta R.T.: 0.004 min
Response: 49824
Conc: 1.93 ng/ml



#45 AR-1268-5

R.T.: 9.954 min
Delta R.T.: 0.012 min
Response: 203789
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.415 min
Delta R.T.: -0.001 min
Response: 129238
Conc: 0.57 ng/ml