

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0022124\
 Data File : P0101956.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2024 16:25
 Operator : YP/AJ
 Sample : P1543-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 101

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 00:15:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0021024.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 12 05:22:08 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.282	3.394	60258052	50996529	19.542	19.185
2) SA Decachlor...	9.833	8.269	45853861	31825568	21.867	16.752
Target Compounds						
3) L1 AR-1016-1	5.427	4.432	86313781	457558	875.237	6.271 #
4) L1 AR-1016-2	5.427	4.480	86313781	1215362	593.710	11.520 #
5) L1 AR-1016-3	5.541	4.636	15629519	2241224	164.224	39.067 #
6) L1 AR-1016-4	5.658f	4.715	5999181	5093029	78.638	101.169 #
7) L1 AR-1016-5	5.890	4.893	5951089	742759	74.970	11.744 #
8) L2 AR-1221-1	4.485	3.586	2296996	619693	72.920	22.720 #
9) L2 AR-1221-2	4.585	3.690	3430176	2370387	144.632	121.124
10) L2 AR-1221-3	4.651	3.773	878521	266967	12.307	4.385 #
11) L3 AR-1232-1	4.651	3.773	878521	266967	13.769	4.941 #
12) L3 AR-1232-2	5.172	4.480	1355313	1215362	35.301	24.657 #
13) L3 AR-1232-3	5.427	4.636	86313781	2241224	1248.051	87.301 #
14) L3 AR-1232-4	5.658f	4.715	5999181	5093029	164.970	200.390
15) L3 AR-1232-5	5.694	4.893	3972366	742759	126.505	28.162 #
16) L4 AR-1242-1	5.427	4.432	86313781	457558	1173.382	8.163 #
17) L4 AR-1242-2	5.427	4.480	86313781	1215362	792.121	15.389 #
18) L4 AR-1242-3	5.541	4.636	15629519	2241224	221.562	52.620 #
19) L4 AR-1242-4	5.658f	4.715	5999181	5093029	105.786	109.968
20) L4 AR-1242-5	6.334	5.231	3774123	1658734	68.347	33.536 #
21) L5 AR-1248-1	5.427	4.432	86313781	457558	1568.625	10.621 #
22) L5 AR-1248-2	5.694	4.715	3972366	5093029	42.439	76.887 #
23) L5 AR-1248-3	5.890	4.715	5951089	5093029	61.040	74.017
24) L5 AR-1248-4	6.289	4.893	17026629	742759	185.912	9.462 #
25) L5 AR-1248-5	6.334	5.231f	3774123	1658734	42.012	25.409 #
26) L6 AR-1254-1	6.289	5.231	17026629	1658734	153.284	14.271 #
27) L6 AR-1254-2	6.502	5.395	5871468	913071	35.724	8.637 #
28) L6 AR-1254-3	6.852	5.790	1294978	889464	8.044	5.501 #
29) L6 AR-1254-4	7.126	6.013	700713	2166287	7.071	25.765 #
30) L6 AR-1254-5	7.551	6.408	796078	555723	6.646	4.148 #
31) L7 AR-1260-1	7.029	5.941	624513	3400208	4.758	27.540 #
32) L7 AR-1260-2	7.273	6.077	772844	1795521	5.422	12.438 #
33) L7 AR-1260-3	7.632	6.243	152547	2541982	1.449	19.449 #
34) L7 AR-1260-4	7.863	6.686	355592	615142	3.184	5.578 #
35) L7 AR-1260-5	8.108f	6.947	3770072	339149	17.184	1.435 #
36) L8 AR-1262-1	7.551	6.408	796078	555723	6.596	6.628
37) L8 AR-1262-2	8.108f	6.686	3770072	615142	12.237	4.044 #
38) L8 AR-1262-3	8.459	7.234	458767	532871	2.173	4.504 #
39) L8 AR-1262-4	8.528	7.269	767015	453933	4.461	2.112 #
40) L8 AR-1262-5	9.143	7.795	288658	64750	2.799	0.717 #
41) L9 AR-1268-1	8.459	7.234	458767	532871	1.332	1.716 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022124\
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Acq On : 21 Feb 2024 16:25
Operator : YP/AJ
Sample : P1543-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

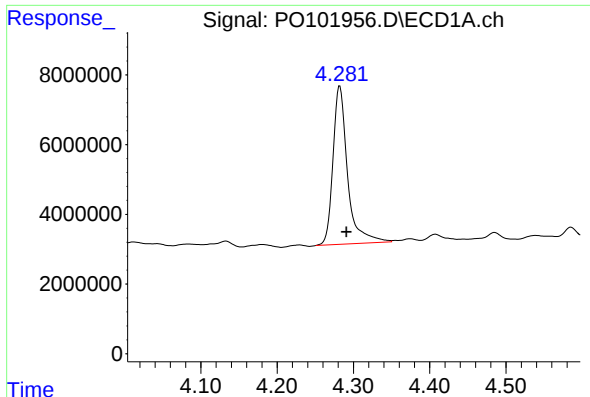
Instrument :
ECD_O
ClientSampleId :
101

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:15:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0021024.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Feb 12 05:22:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.528	7.269	767015	453933	2.306	1.603 #
43)	L9 AR-1268-3	8.749	7.486	47524	220050	0.174	0.929 #
44)	L9 AR-1268-4	9.143	8.074	288658	1412845	2.883	1.962 #
45)	L9 AR-1268-5	9.518	8.269	762097	31825568	0.868	93.044 #

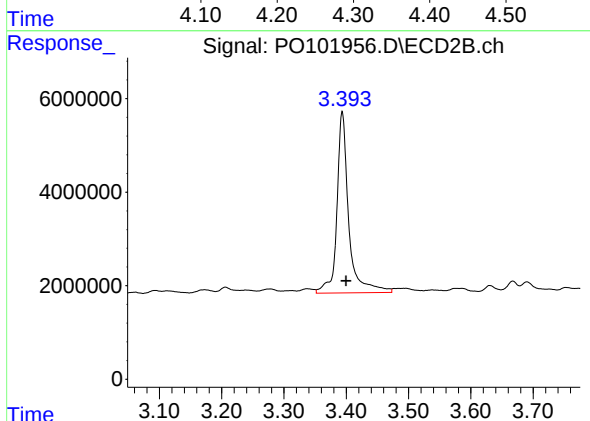
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

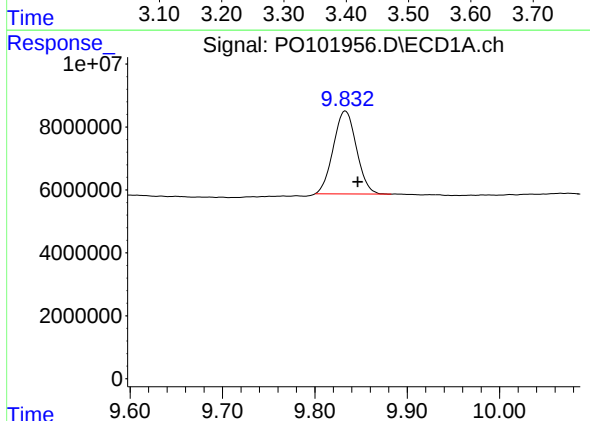
R.T.: 4.282 min
Delta R.T.: -0.009 min
Response: 60258052
Conc: 19.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



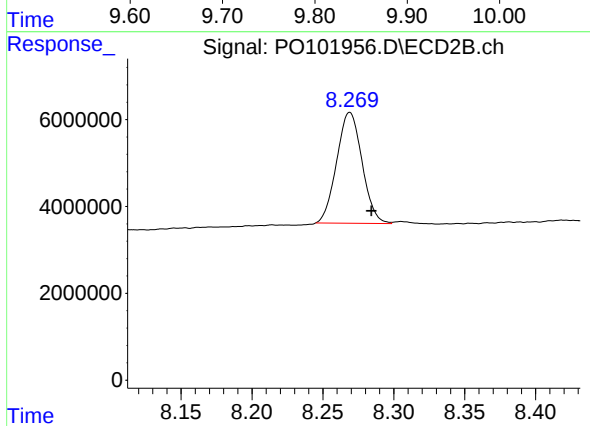
#1 Tetrachloro-m-xylene

R.T.: 3.394 min
Delta R.T.: -0.006 min
Response: 50996529
Conc: 19.19 ng/ml



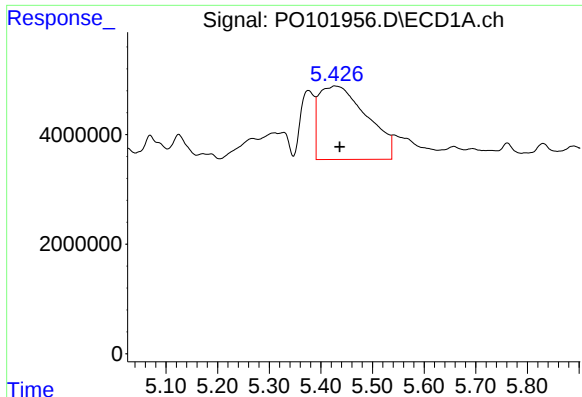
#2 Decachlorobiphenyl

R.T.: 9.833 min
Delta R.T.: -0.013 min
Response: 45853861
Conc: 21.87 ng/ml



#2 Decachlorobiphenyl

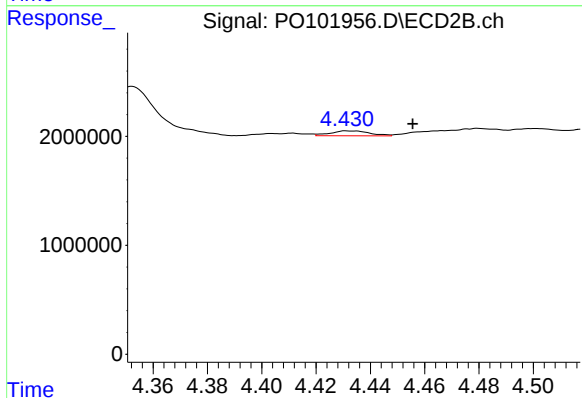
R.T.: 8.269 min
Delta R.T.: -0.015 min
Response: 31825568
Conc: 16.75 ng/ml



#3 AR-1016-1

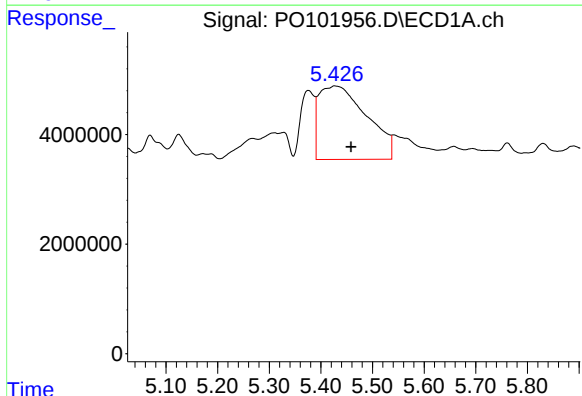
R.T.: 5.427 min
Delta R.T.: -0.010 min
Response: 86313781
Conc: 875.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



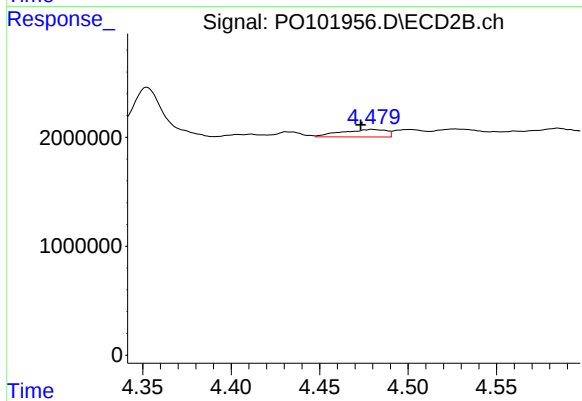
#3 AR-1016-1

R.T.: 4.432 min
Delta R.T.: -0.023 min
Response: 457558
Conc: 6.27 ng/ml



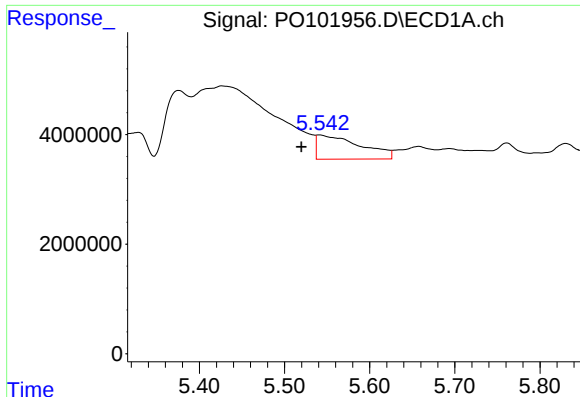
#4 AR-1016-2

R.T.: 5.427 min
Delta R.T.: -0.032 min
Response: 86313781
Conc: 593.71 ng/ml



#4 AR-1016-2

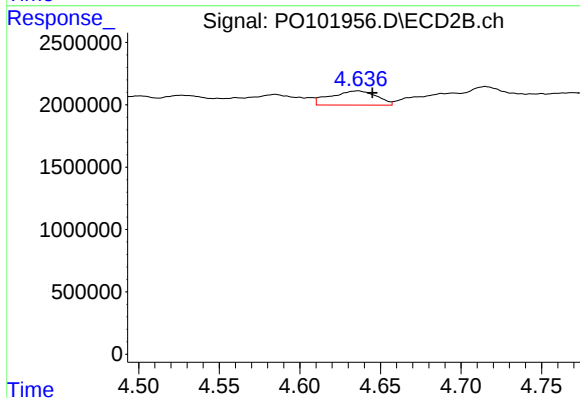
R.T.: 4.480 min
Delta R.T.: 0.007 min
Response: 1215362
Conc: 11.52 ng/ml



#5 AR-1016-3

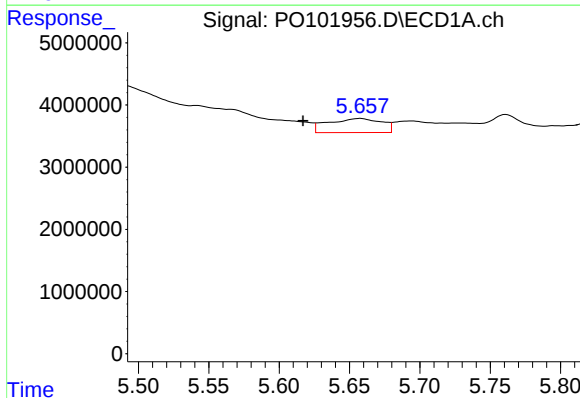
R.T.: 5.541 min
Delta R.T.: 0.021 min
Response: 15629519
Conc: 164.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



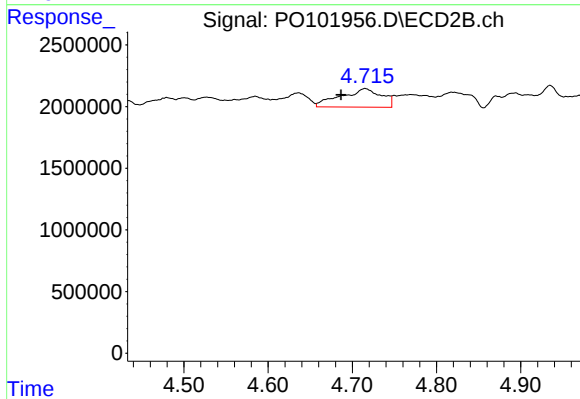
#5 AR-1016-3

R.T.: 4.636 min
Delta R.T.: -0.009 min
Response: 2241224
Conc: 39.07 ng/ml



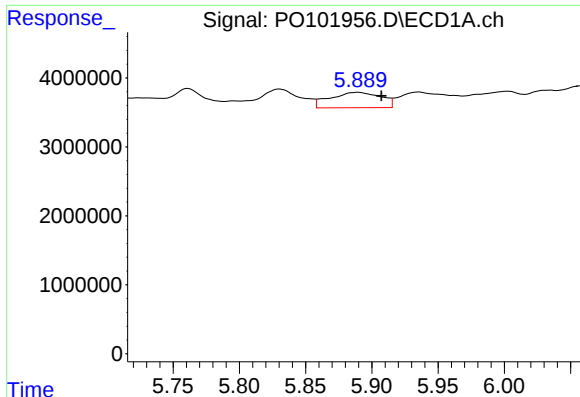
#6 AR-1016-4

R.T.: 5.658 min
Delta R.T.: 0.041 min
Response: 5999181
Conc: 78.64 ng/ml



#6 AR-1016-4

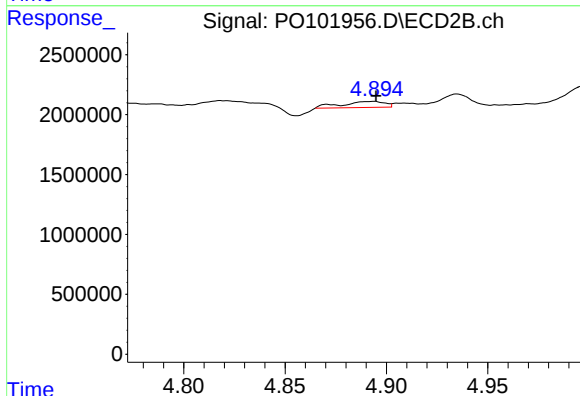
R.T.: 4.715 min
Delta R.T.: 0.029 min
Response: 5093029
Conc: 101.17 ng/ml



#7 AR-1016-5

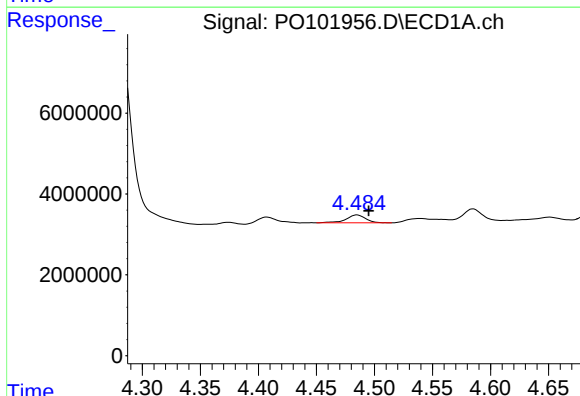
R.T.: 5.890 min
Delta R.T.: -0.017 min
Response: 5951089
Conc: 74.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



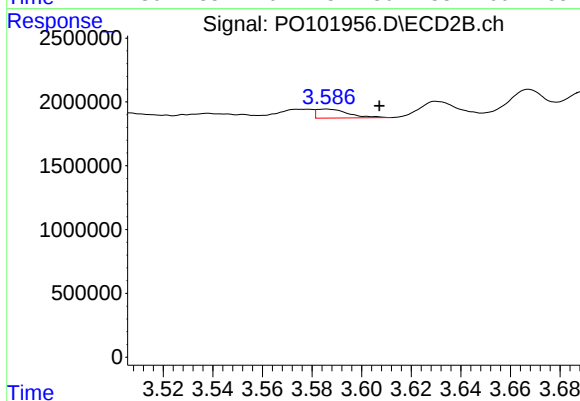
#7 AR-1016-5

R.T.: 4.893 min
Delta R.T.: -0.001 min
Response: 742759
Conc: 11.74 ng/ml



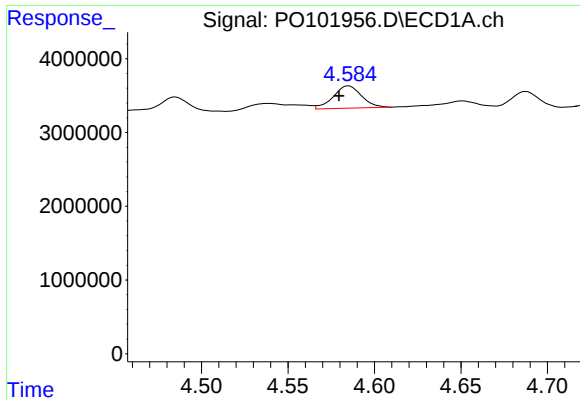
#8 AR-1221-1

R.T.: 4.485 min
Delta R.T.: -0.010 min
Response: 2296996
Conc: 72.92 ng/ml



#8 AR-1221-1

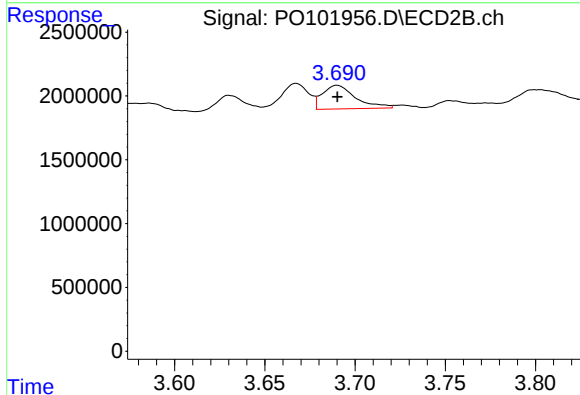
R.T.: 3.586 min
Delta R.T.: -0.022 min
Response: 619693
Conc: 22.72 ng/ml



#9 AR-1221-2

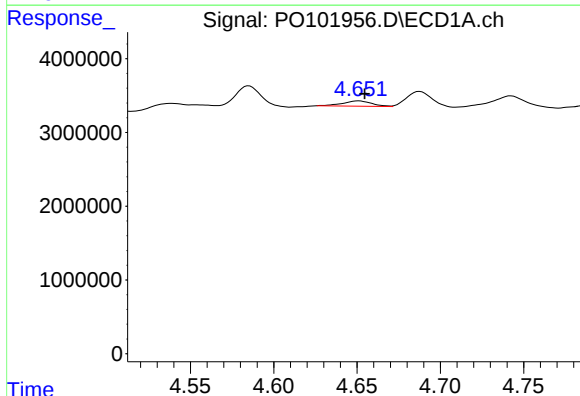
R.T.: 4.585 min
Delta R.T.: 0.006 min
Response: 3430176
Conc: 144.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



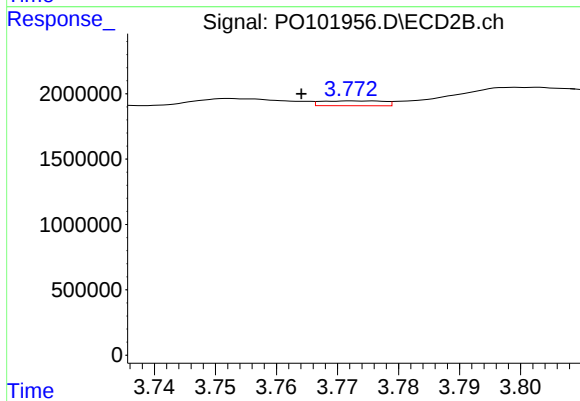
#9 AR-1221-2

R.T.: 3.690 min
Delta R.T.: 0.000 min
Response: 2370387
Conc: 121.12 ng/ml



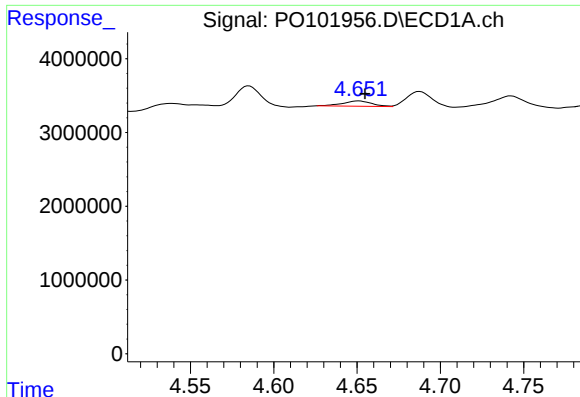
#10 AR-1221-3

R.T.: 4.651 min
Delta R.T.: -0.004 min
Response: 878521
Conc: 12.31 ng/ml



#10 AR-1221-3

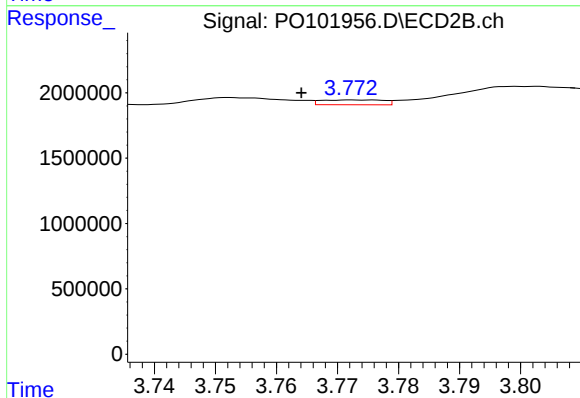
R.T.: 3.773 min
Delta R.T.: 0.009 min
Response: 266967
Conc: 4.39 ng/ml



#11 AR-1232-1

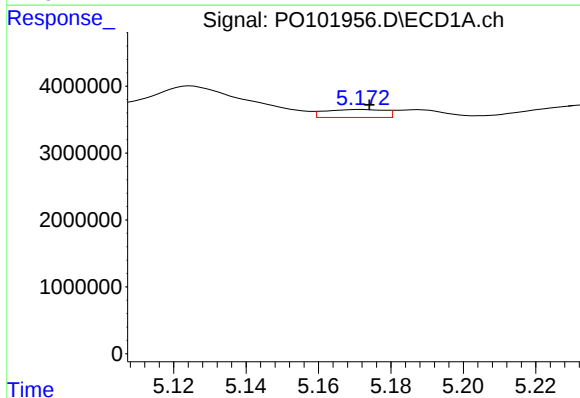
R.T.: 4.651 min
Delta R.T.: -0.004 min
Response: 878521
Conc: 13.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



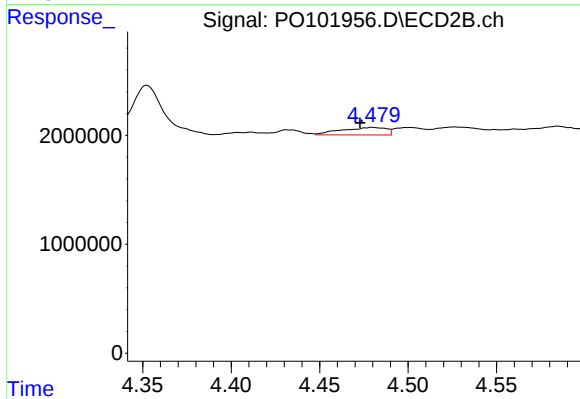
#11 AR-1232-1

R.T.: 3.773 min
Delta R.T.: 0.009 min
Response: 266967
Conc: 4.94 ng/ml



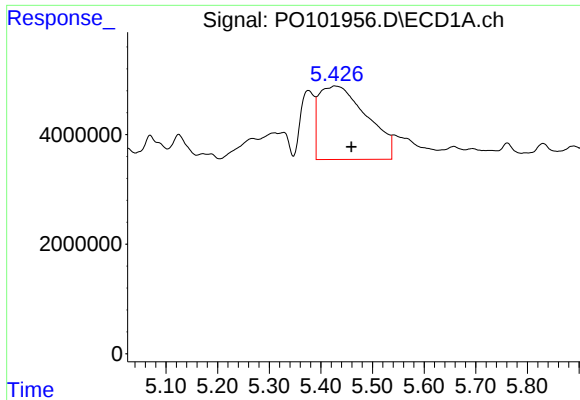
#12 AR-1232-2

R.T.: 5.172 min
Delta R.T.: -0.002 min
Response: 1355313
Conc: 35.30 ng/ml



#12 AR-1232-2

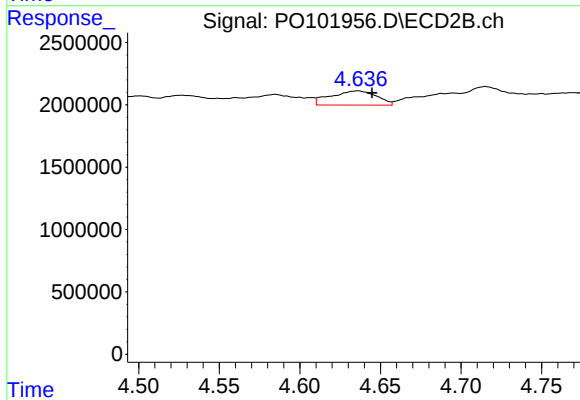
R.T.: 4.480 min
Delta R.T.: 0.007 min
Response: 1215362
Conc: 24.66 ng/ml



#13 AR-1232-3

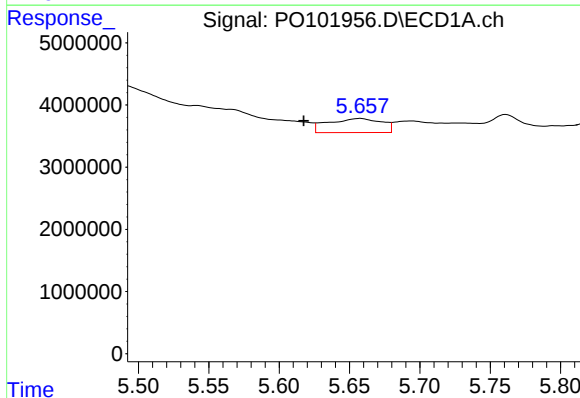
R.T.: 5.427 min
Delta R.T.: -0.032 min
Response: 86313781
Conc: 1248.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



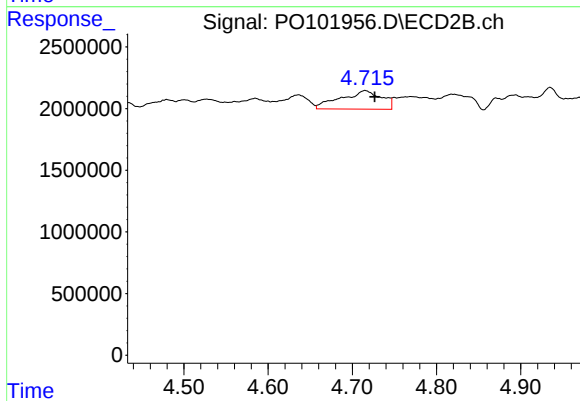
#13 AR-1232-3

R.T.: 4.636 min
Delta R.T.: -0.009 min
Response: 2241224
Conc: 87.30 ng/ml



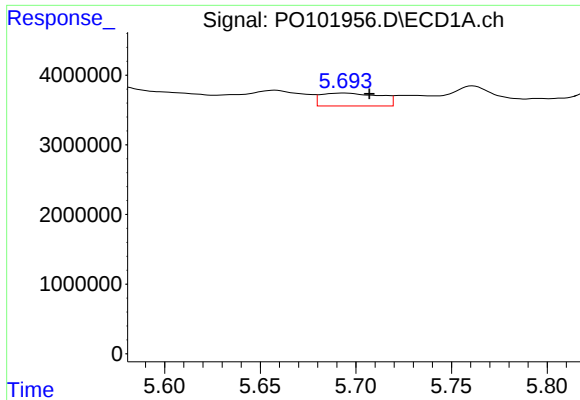
#14 AR-1232-4

R.T.: 5.658 min
Delta R.T.: 0.041 min
Response: 5999181
Conc: 164.97 ng/ml



#14 AR-1232-4

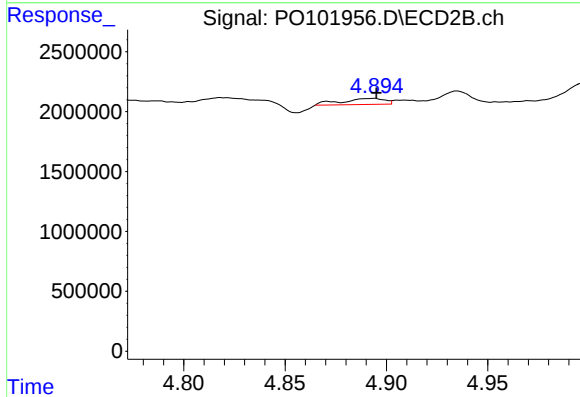
R.T.: 4.715 min
Delta R.T.: -0.011 min
Response: 5093029
Conc: 200.39 ng/ml



#15 AR-1232-5

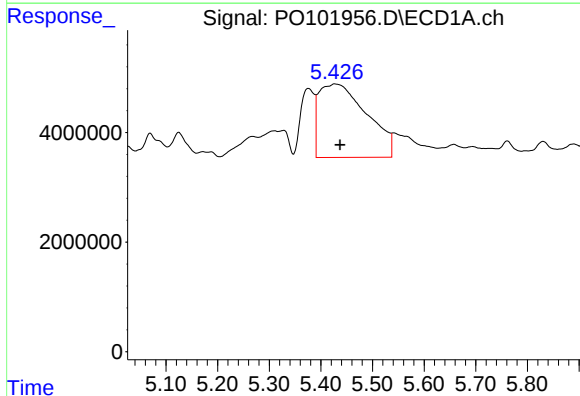
R.T.: 5.694 min
Delta R.T.: -0.013 min
Response: 3972366
Conc: 126.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



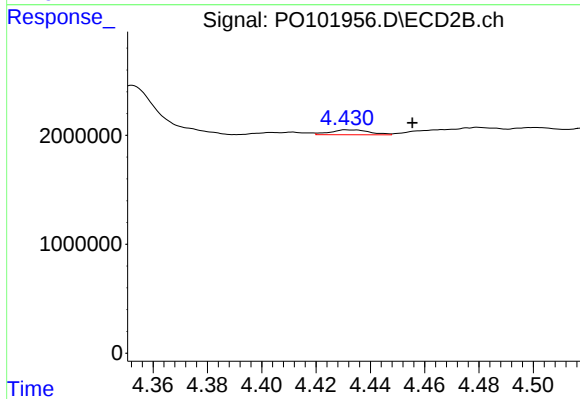
#15 AR-1232-5

R.T.: 4.893 min
Delta R.T.: -0.002 min
Response: 742759
Conc: 28.16 ng/ml



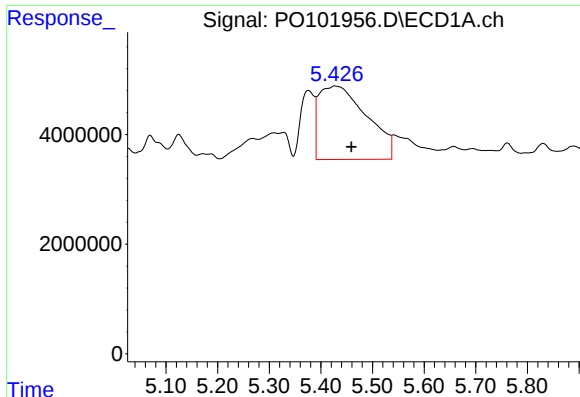
#16 AR-1242-1

R.T.: 5.427 min
Delta R.T.: -0.011 min
Response: 86313781
Conc: 1173.38 ng/ml



#16 AR-1242-1

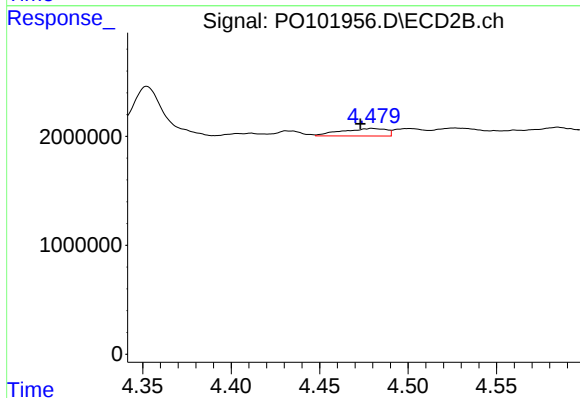
R.T.: 4.432 min
Delta R.T.: -0.023 min
Response: 457558
Conc: 8.16 ng/ml



#17 AR-1242-2

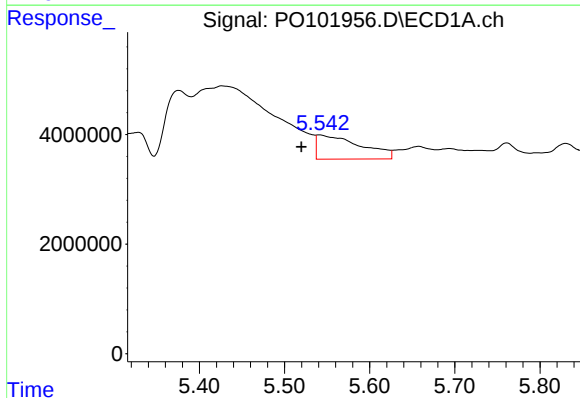
R.T.: 5.427 min
Delta R.T.: -0.033 min
Response: 86313781
Conc: 792.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



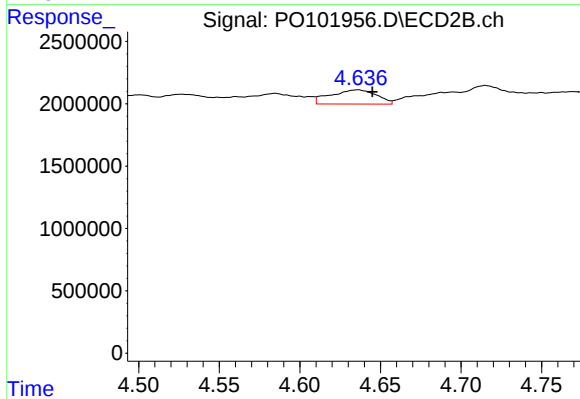
#17 AR-1242-2

R.T.: 4.480 min
Delta R.T.: 0.007 min
Response: 1215362
Conc: 15.39 ng/ml



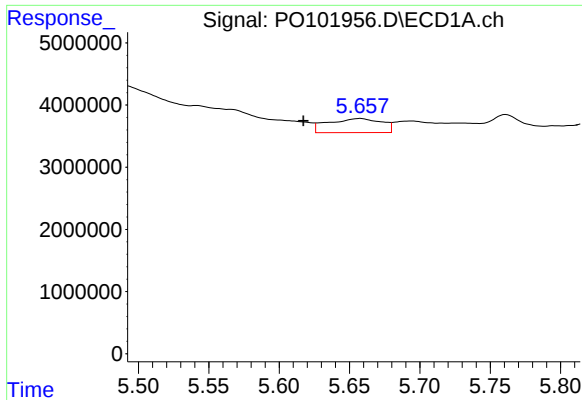
#18 AR-1242-3

R.T.: 5.541 min
Delta R.T.: 0.021 min
Response: 15629519
Conc: 221.56 ng/ml



#18 AR-1242-3

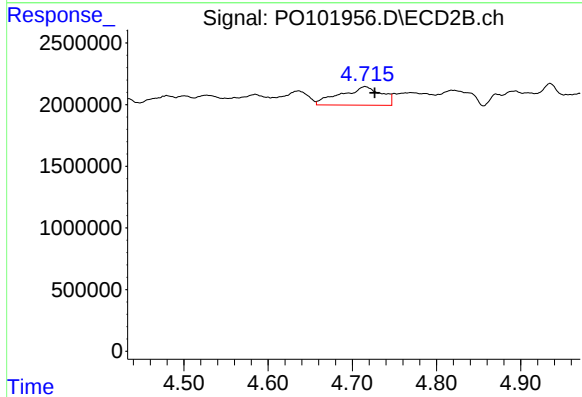
R.T.: 4.636 min
Delta R.T.: -0.009 min
Response: 2241224
Conc: 52.62 ng/ml



#19 AR-1242-4

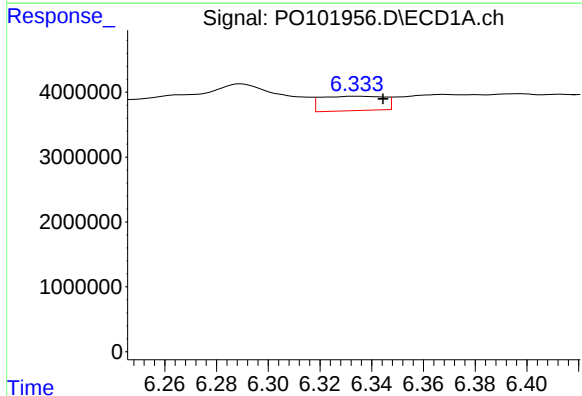
R.T.: 5.658 min
Delta R.T.: 0.041 min
Response: 5999181
Conc: 105.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



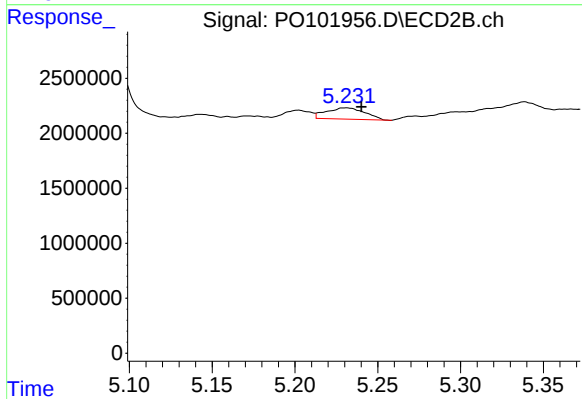
#19 AR-1242-4

R.T.: 4.715 min
Delta R.T.: -0.011 min
Response: 5093029
Conc: 109.97 ng/ml



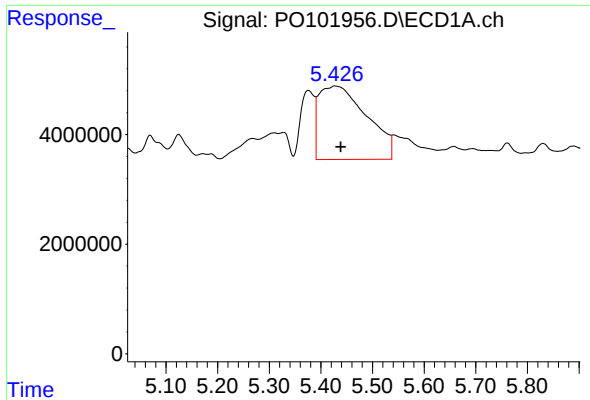
#20 AR-1242-5

R.T.: 6.334 min
Delta R.T.: -0.011 min
Response: 3774123
Conc: 68.35 ng/ml



#20 AR-1242-5

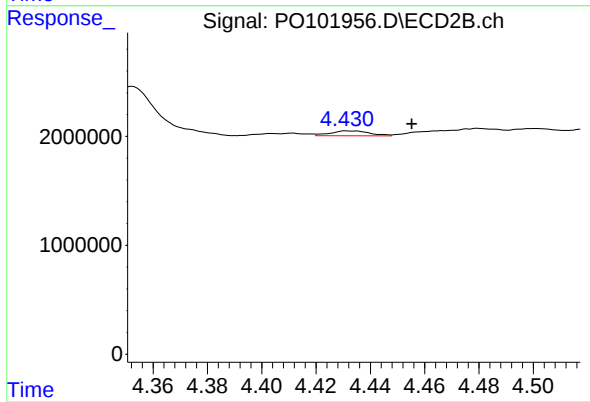
R.T.: 5.231 min
Delta R.T.: -0.009 min
Response: 1658734
Conc: 33.54 ng/ml



#21 AR-1248-1

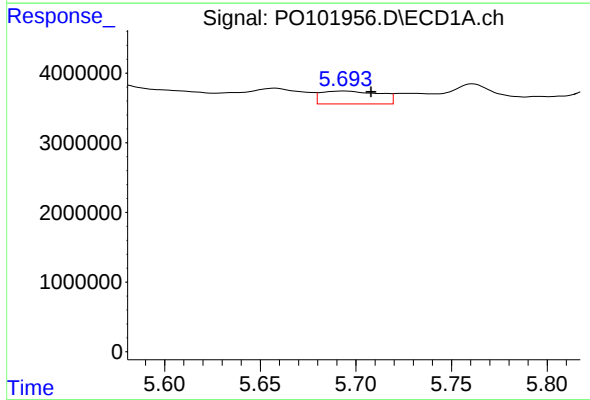
R.T.: 5.427 min
Delta R.T.: -0.012 min
Response: 86313781
Conc: 1568.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



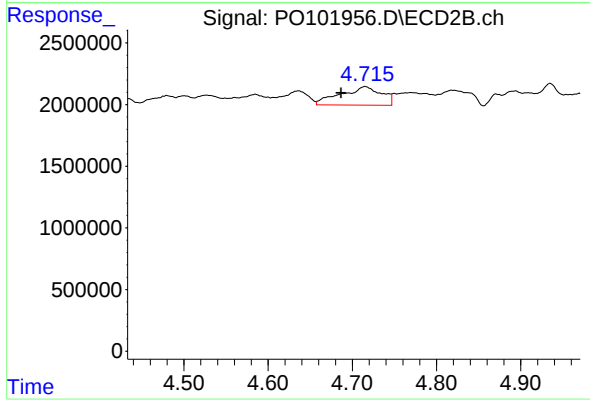
#21 AR-1248-1

R.T.: 4.432 min
Delta R.T.: -0.023 min
Response: 457558
Conc: 10.62 ng/ml



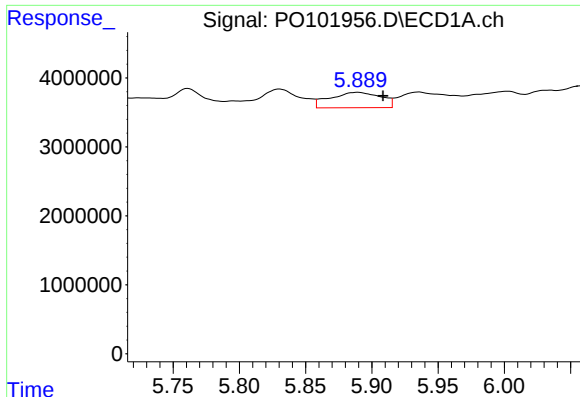
#22 AR-1248-2

R.T.: 5.694 min
Delta R.T.: -0.014 min
Response: 3972366
Conc: 42.44 ng/ml



#22 AR-1248-2

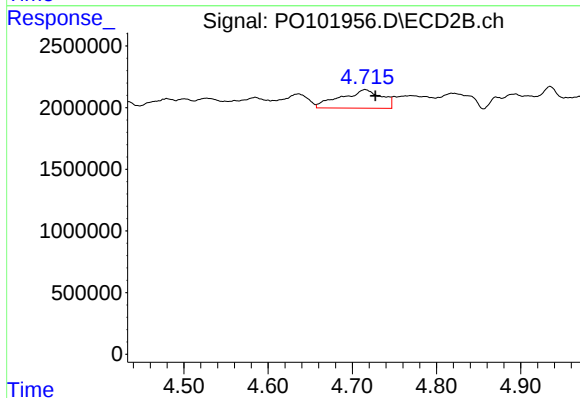
R.T.: 4.715 min
Delta R.T.: 0.029 min
Response: 5093029
Conc: 76.89 ng/ml



#23 AR-1248-3

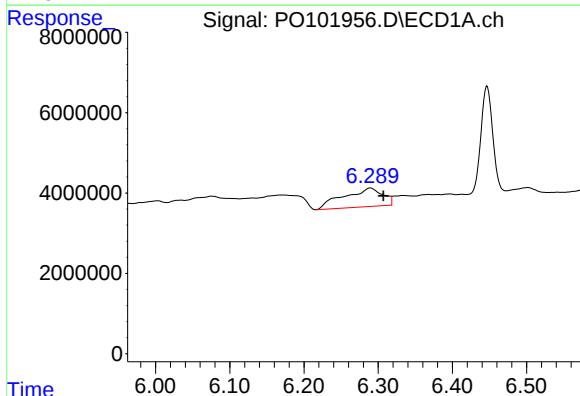
R.T.: 5.890 min
Delta R.T.: -0.019 min
Response: 5951089
Conc: 61.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



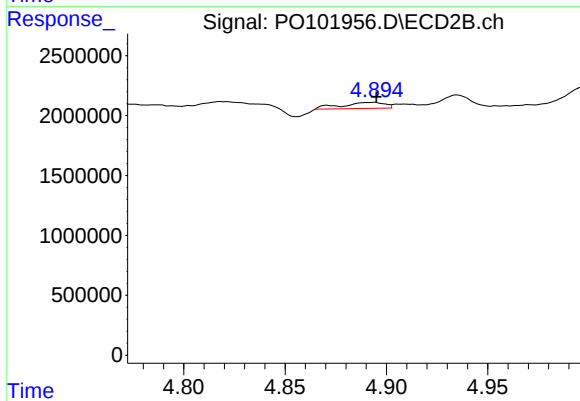
#23 AR-1248-3

R.T.: 4.715 min
Delta R.T.: -0.012 min
Response: 5093029
Conc: 74.02 ng/ml



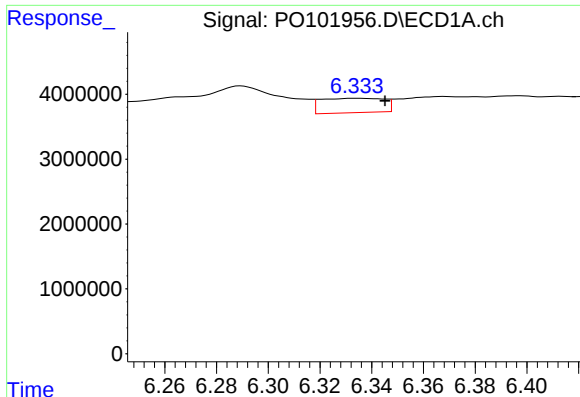
#24 AR-1248-4

R.T.: 6.289 min
Delta R.T.: -0.018 min
Response: 17026629
Conc: 185.91 ng/ml



#24 AR-1248-4

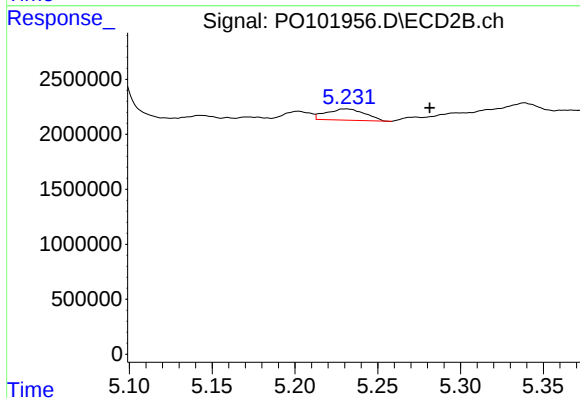
R.T.: 4.893 min
Delta R.T.: -0.002 min
Response: 742759
Conc: 9.46 ng/ml



#25 AR-1248-5

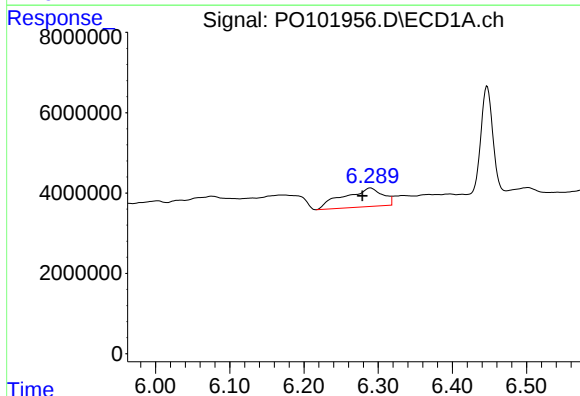
R.T.: 6.334 min
Delta R.T.: -0.011 min
Response: 3774123
Conc: 42.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



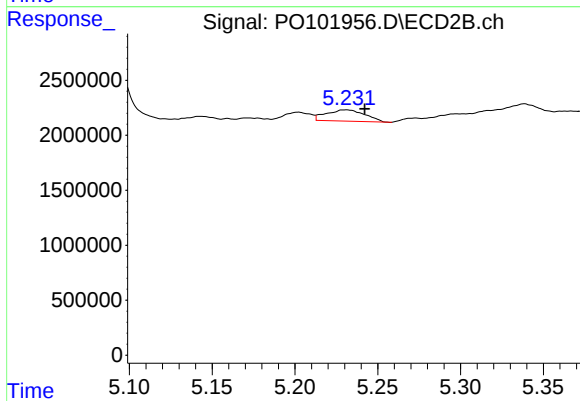
#25 AR-1248-5

R.T.: 5.231 min
Delta R.T.: -0.051 min
Response: 1658734
Conc: 25.41 ng/ml



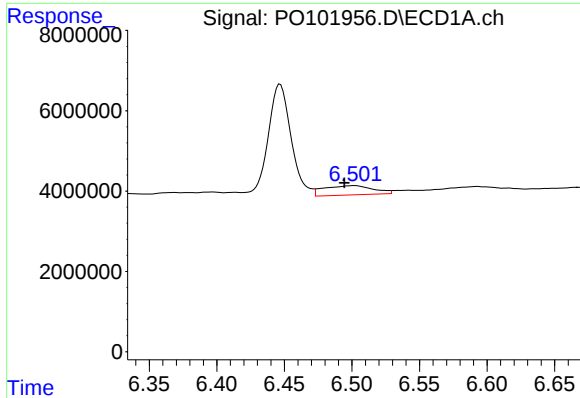
#26 AR-1254-1

R.T.: 6.289 min
Delta R.T.: 0.011 min
Response: 17026629
Conc: 153.28 ng/ml



#26 AR-1254-1

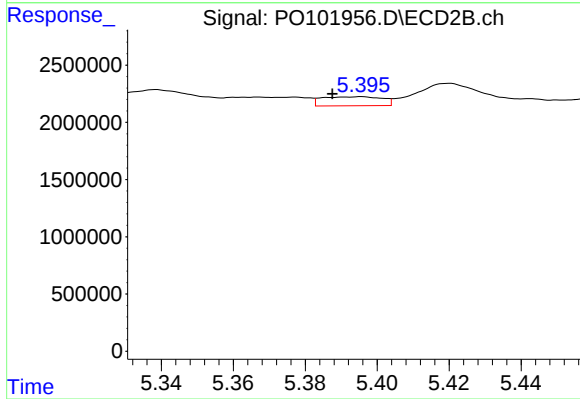
R.T.: 5.231 min
Delta R.T.: -0.011 min
Response: 1658734
Conc: 14.27 ng/ml



#27 AR-1254-2

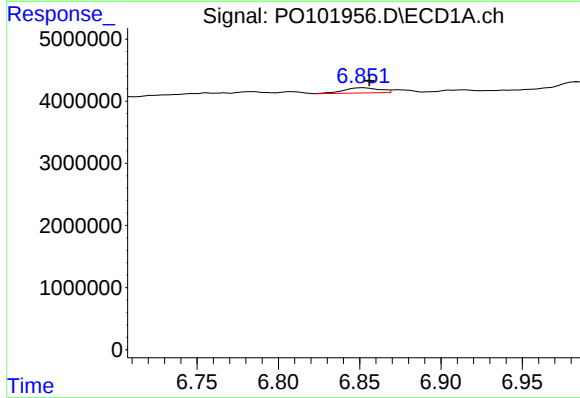
R.T.: 6.502 min
Delta R.T.: 0.007 min
Response: 5871468
Conc: 35.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



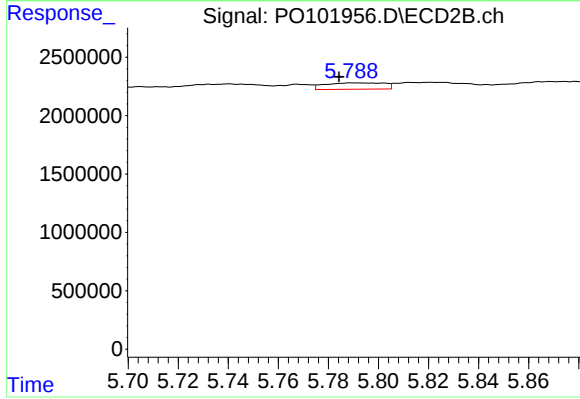
#27 AR-1254-2

R.T.: 5.395 min
Delta R.T.: 0.008 min
Response: 913071
Conc: 8.64 ng/ml



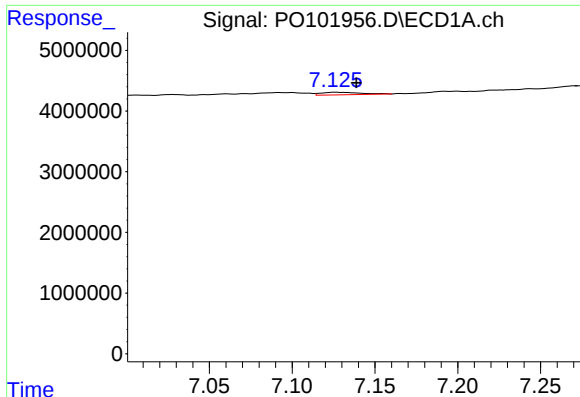
#28 AR-1254-3

R.T.: 6.852 min
Delta R.T.: -0.004 min
Response: 1294978
Conc: 8.04 ng/ml



#28 AR-1254-3

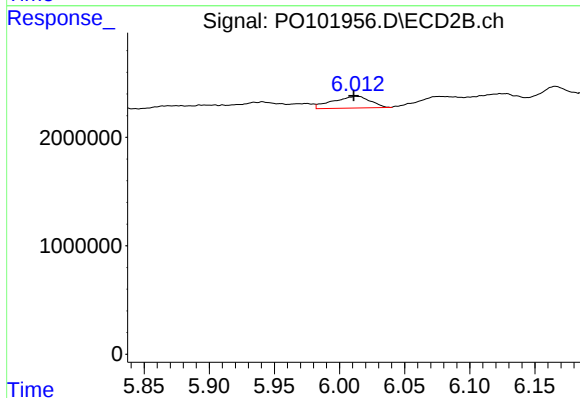
R.T.: 5.790 min
Delta R.T.: 0.006 min
Response: 889464
Conc: 5.50 ng/ml



#29 AR-1254-4

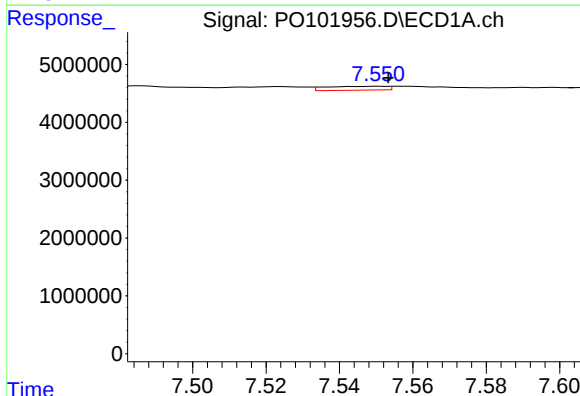
R.T.: 7.126 min
Delta R.T.: -0.012 min
Response: 700713
Conc: 7.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



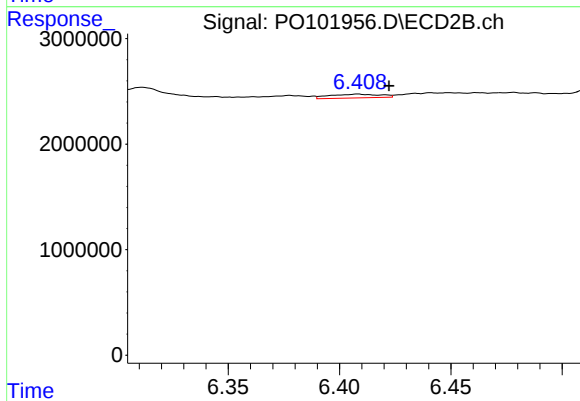
#29 AR-1254-4

R.T.: 6.013 min
Delta R.T.: 0.002 min
Response: 2166287
Conc: 25.76 ng/ml



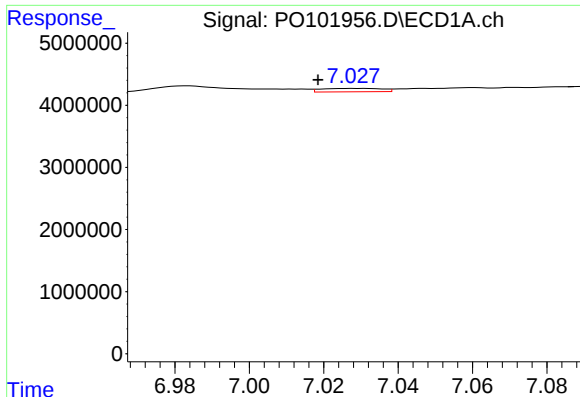
#30 AR-1254-5

R.T.: 7.551 min
Delta R.T.: -0.003 min
Response: 796078
Conc: 6.65 ng/ml



#30 AR-1254-5

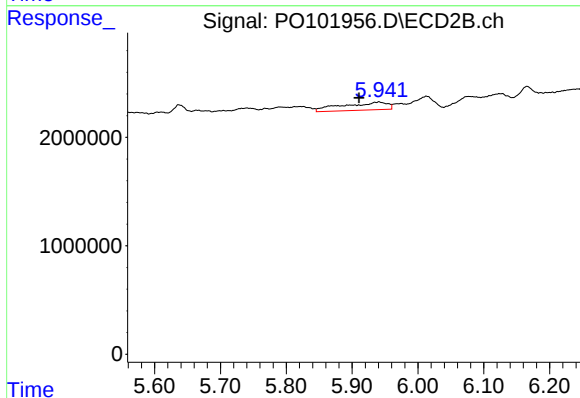
R.T.: 6.408 min
Delta R.T.: -0.014 min
Response: 555723
Conc: 4.15 ng/ml



#31 AR-1260-1

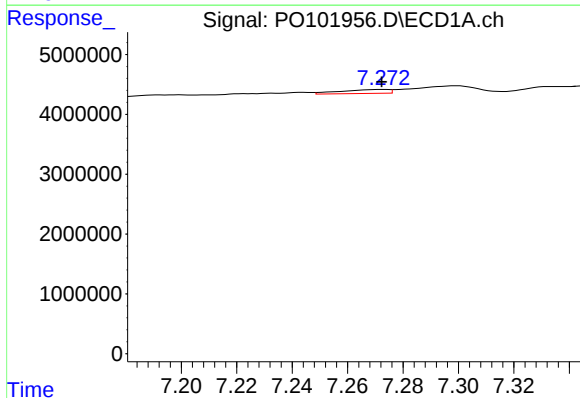
R.T.: 7.029 min
Delta R.T.: 0.010 min
Response: 624513
Conc: 4.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



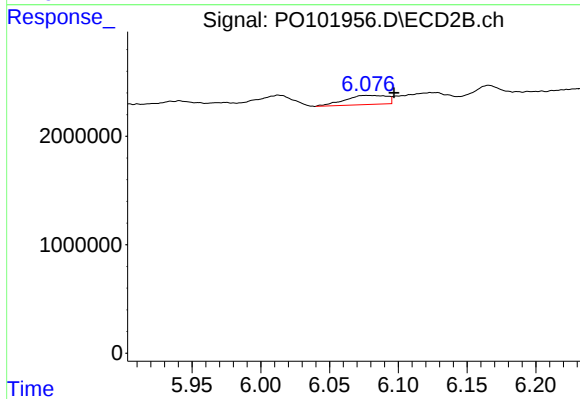
#31 AR-1260-1

R.T.: 5.941 min
Delta R.T.: 0.030 min
Response: 3400208
Conc: 27.54 ng/ml



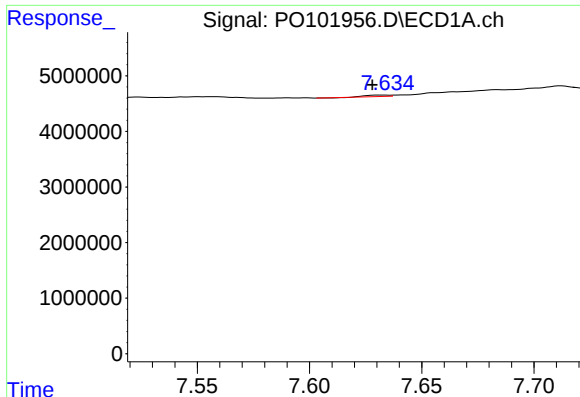
#32 AR-1260-2

R.T.: 7.273 min
Delta R.T.: 0.000 min
Response: 772844
Conc: 5.42 ng/ml



#32 AR-1260-2

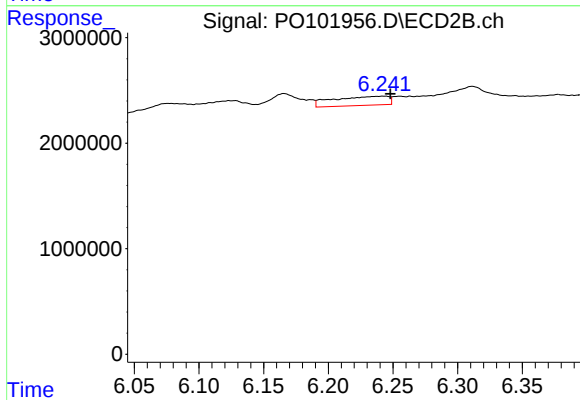
R.T.: 6.077 min
Delta R.T.: -0.020 min
Response: 1795521
Conc: 12.44 ng/ml



#33 AR-1260-3

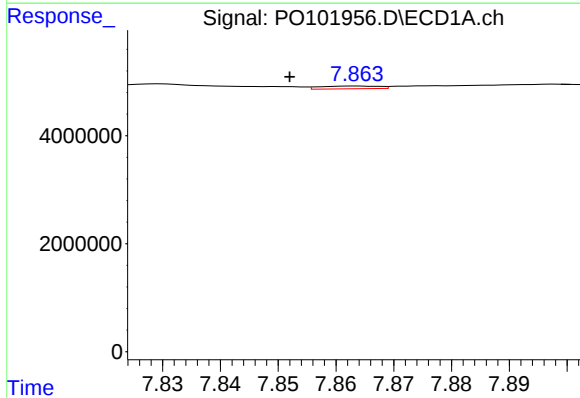
R.T.: 7.632 min
Delta R.T.: 0.004 min
Response: 152547
Conc: 1.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



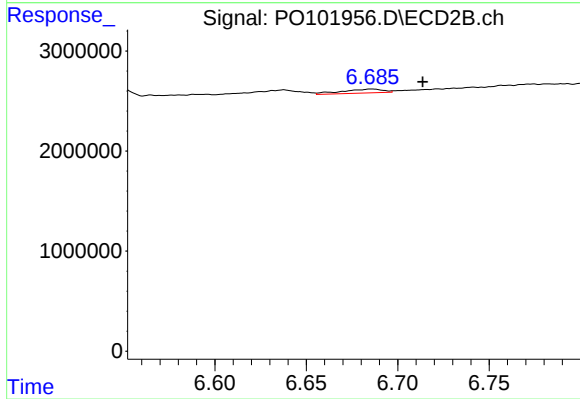
#33 AR-1260-3

R.T.: 6.243 min
Delta R.T.: -0.005 min
Response: 2541982
Conc: 19.45 ng/ml



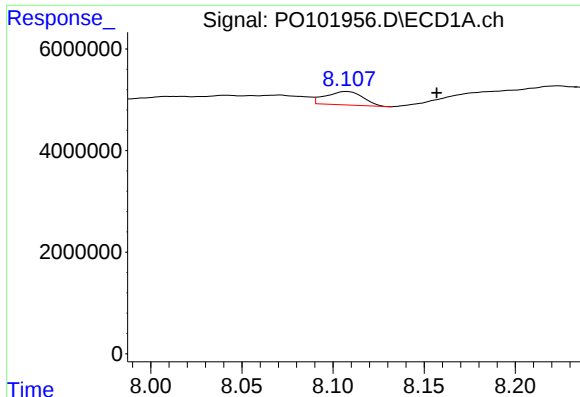
#34 AR-1260-4

R.T.: 7.863 min
Delta R.T.: 0.011 min
Response: 355592
Conc: 3.18 ng/ml



#34 AR-1260-4

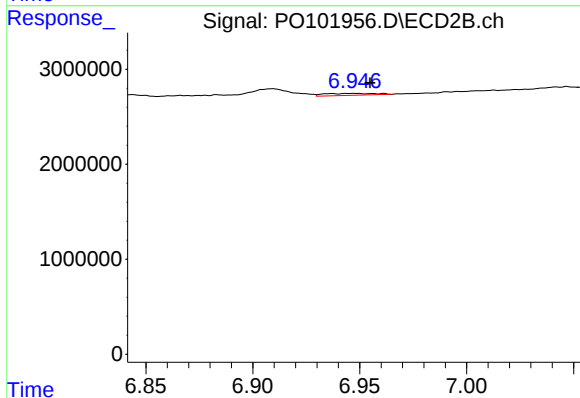
R.T.: 6.686 min
Delta R.T.: -0.028 min
Response: 615142
Conc: 5.58 ng/ml



#35 AR-1260-5

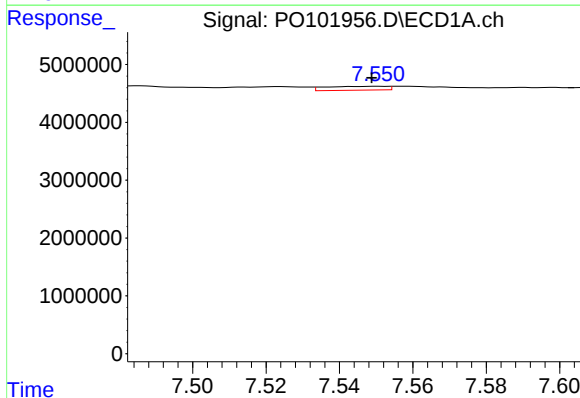
R.T.: 8.108 min
Delta R.T.: -0.049 min
Response: 3770072
Conc: 17.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



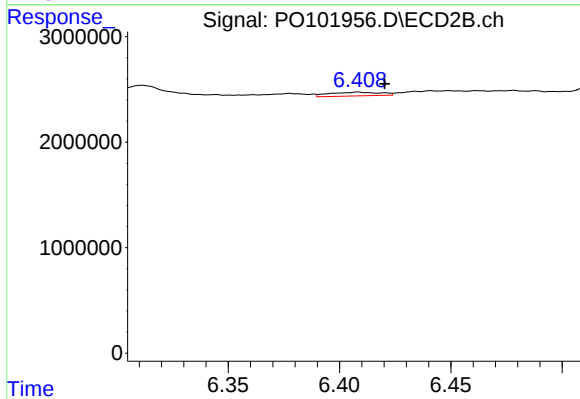
#35 AR-1260-5

R.T.: 6.947 min
Delta R.T.: -0.008 min
Response: 339149
Conc: 1.43 ng/ml



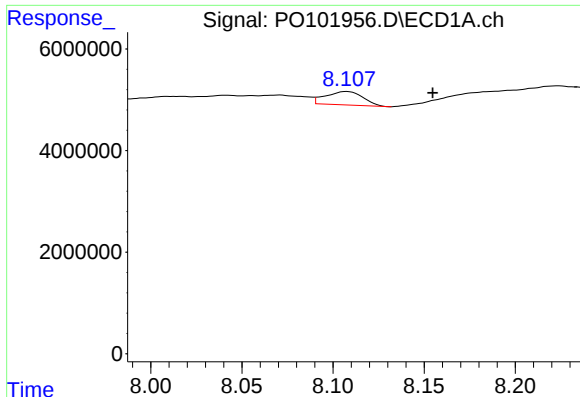
#36 AR-1262-1

R.T.: 7.551 min
Delta R.T.: 0.002 min
Response: 796078
Conc: 6.60 ng/ml



#36 AR-1262-1

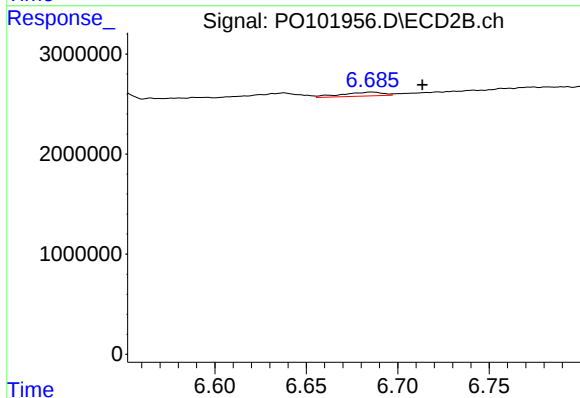
R.T.: 6.408 min
Delta R.T.: -0.012 min
Response: 555723
Conc: 6.63 ng/ml



#37 AR-1262-2

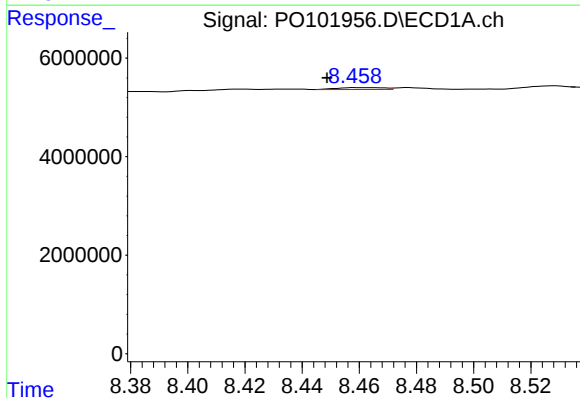
R.T.: 8.108 min
Delta R.T.: -0.047 min
Response: 3770072
Conc: 12.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



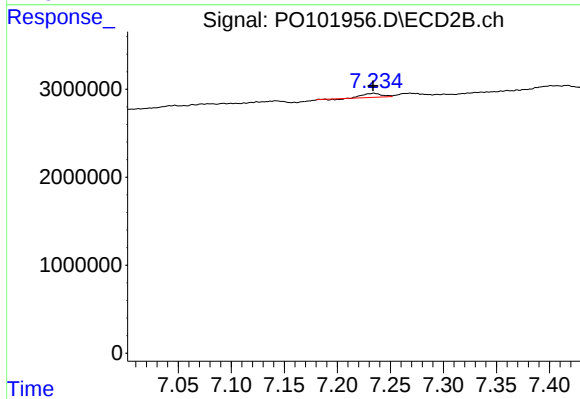
#37 AR-1262-2

R.T.: 6.686 min
Delta R.T.: -0.028 min
Response: 615142
Conc: 4.04 ng/ml



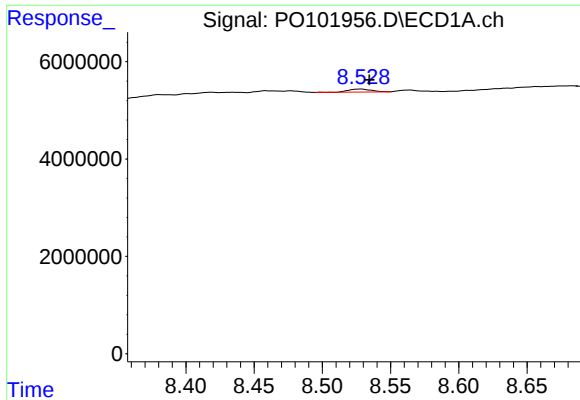
#38 AR-1262-3

R.T.: 8.459 min
Delta R.T.: 0.010 min
Response: 458767
Conc: 2.17 ng/ml



#38 AR-1262-3

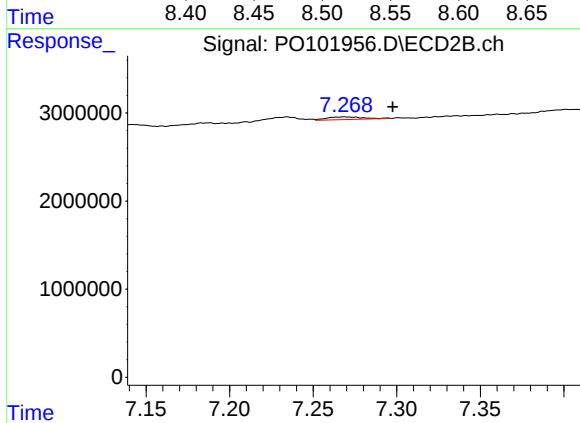
R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 532871
Conc: 4.50 ng/ml



#39 AR-1262-4

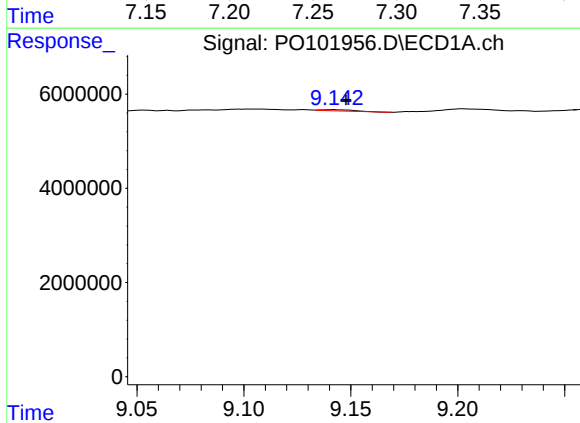
R.T.: 8.528 min
Delta R.T.: -0.006 min
Response: 767015
Conc: 4.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



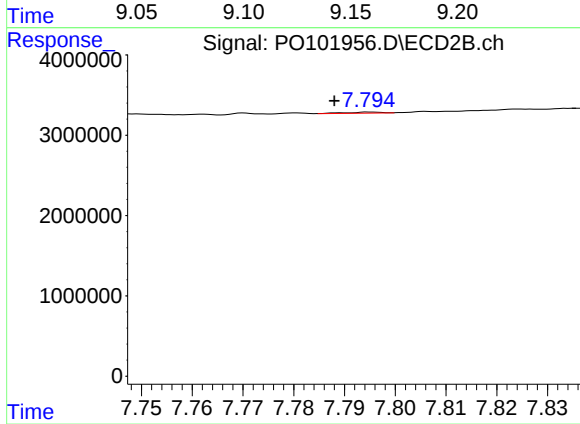
#39 AR-1262-4

R.T.: 7.269 min
Delta R.T.: -0.029 min
Response: 453933
Conc: 2.11 ng/ml



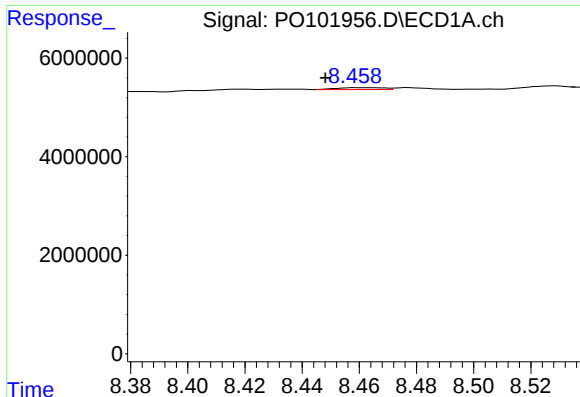
#40 AR-1262-5

R.T.: 9.143 min
Delta R.T.: -0.005 min
Response: 288658
Conc: 2.80 ng/ml



#40 AR-1262-5

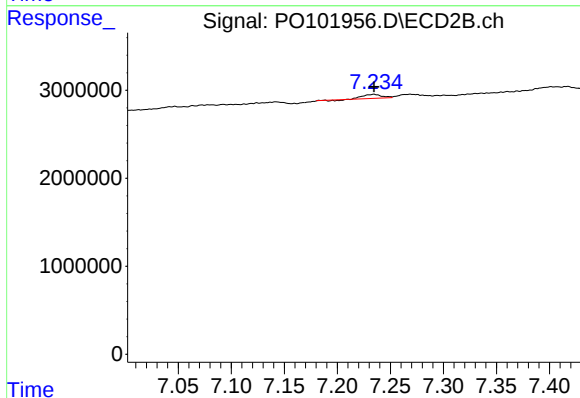
R.T.: 7.795 min
Delta R.T.: 0.007 min
Response: 64750
Conc: 0.72 ng/ml



#41 AR-1268-1

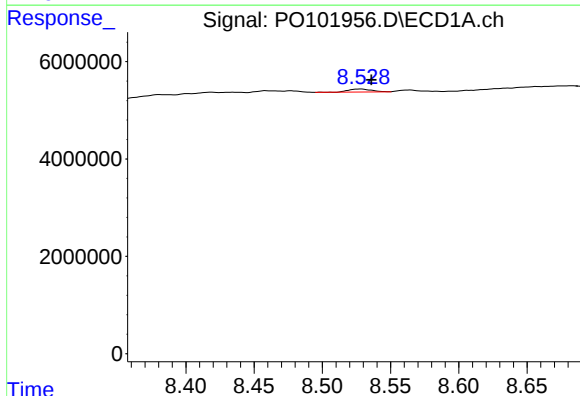
R.T.: 8.459 min
Delta R.T.: 0.011 min
Response: 458767
Conc: 1.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



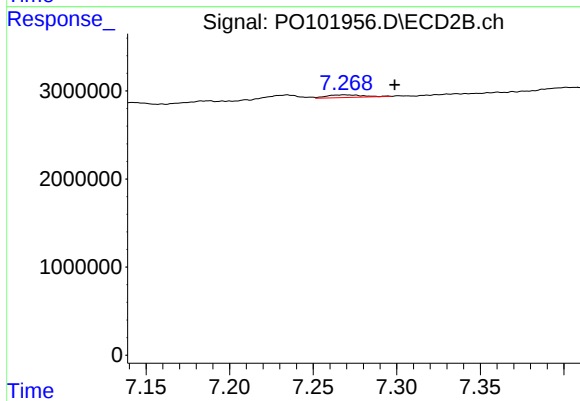
#41 AR-1268-1

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 532871
Conc: 1.72 ng/ml



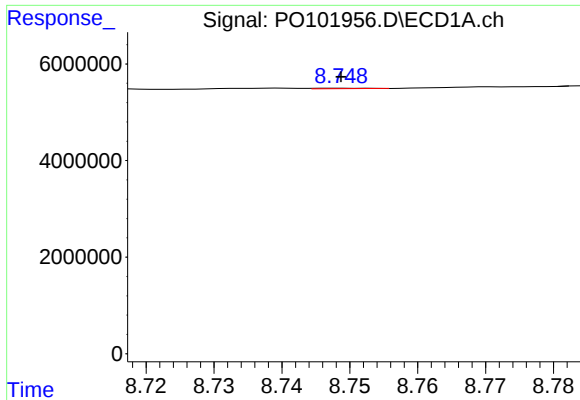
#42 AR-1268-2

R.T.: 8.528 min
Delta R.T.: -0.008 min
Response: 767015
Conc: 2.31 ng/ml



#42 AR-1268-2

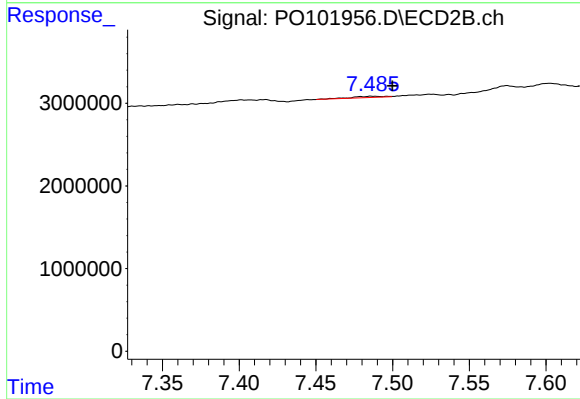
R.T.: 7.269 min
Delta R.T.: -0.030 min
Response: 453933
Conc: 1.60 ng/ml



#43 AR-1268-3

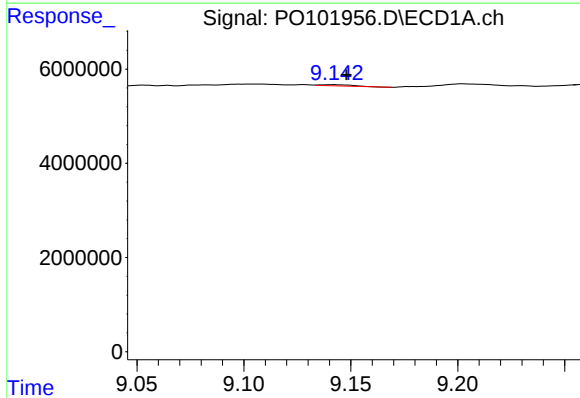
R.T.: 8.749 min
Delta R.T.: 0.000 min
Response: 47524
Conc: 0.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



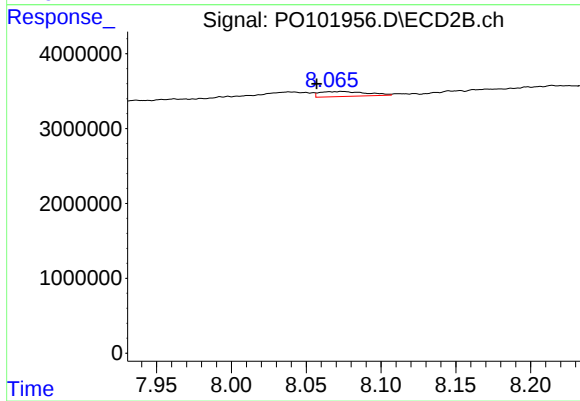
#43 AR-1268-3

R.T.: 7.486 min
Delta R.T.: -0.013 min
Response: 220050
Conc: 0.93 ng/ml



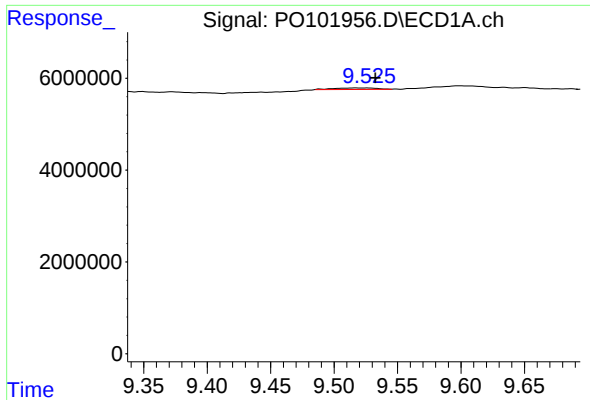
#44 AR-1268-4

R.T.: 9.143 min
Delta R.T.: -0.005 min
Response: 288658
Conc: 2.88 ng/ml



#44 AR-1268-4

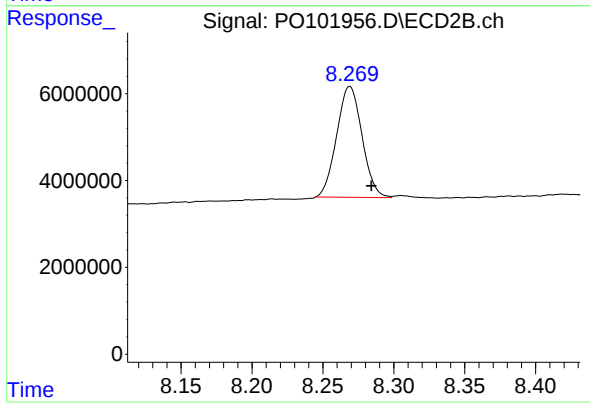
R.T.: 8.074 min
Delta R.T.: 0.017 min
Response: 1412845
Conc: 1.96 ng/ml



#45 AR-1268-5

R.T.: 9.518 min
Delta R.T.: -0.015 min
Response: 762097
Conc: 0.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
101



#45 AR-1268-5

R.T.: 8.269 min
Delta R.T.: -0.015 min
Response: 31825568
Conc: 93.04 ng/ml