

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062124\
 Data File : P0104409.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2024 13:35
 Operator : YP/AJ
 Sample : P2977-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 22 02:15:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062024.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 21 04:29:14 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...	4.405	3.548	149.8E6	28620070	18.856	19.069
2)	SA Decachlor...	10.107	8.462	50667594	28725408	9.430	8.950
Target Compounds							
3)	L1 AR-1016-1	5.564	4.609	19112733	139759	70.760	3.234 #
4)	L1 AR-1016-2	5.587	4.621	12922386	272823	34.365	3.758 #
5)	L1 AR-1016-3	5.644	4.800	14398304	135783	59.404	3.362 #
6)	L1 AR-1016-4	5.759	4.825	2613861	20021	13.455	0.861 #
7)	L1 AR-1016-5	6.037	5.034	1006459	473654	5.234	13.098 #
8)	L2 AR-1221-1	4.611	3.745	26740872	258441	255.026	14.361 #
9)	L2 AR-1221-2	4.708	3.826	2125137	6665968	26.422	417.838 #
10)	L2 AR-1221-3	4.788	3.912	804972	660070	3.551	13.903 #
11)	L3 AR-1232-1	4.756	3.912	129827	660070	0.663	16.543 #
12)	L3 AR-1232-2	5.303	4.621	10736870	272823	93.157	7.382 #
13)	L3 AR-1232-3	5.587	4.800	12922386	135783	68.074	6.758 #
14)	L3 AR-1232-4	5.759	4.883	2613861	36459	27.454	2.610 #
15)	L3 AR-1232-5	5.849	5.034	4401925	473654	60.038	27.090 #
16)	L4 AR-1242-1	5.564	4.609	19112733	139759	83.070	3.811 #
17)	L4 AR-1242-2	5.587	4.621	12922386	272823	39.962	4.426 #
18)	L4 AR-1242-3	5.644	4.800	14398304	135783	68.399	3.966 #
19)	L4 AR-1242-4	5.759	4.883	2613861	36459	15.430	1.343 #
20)	L4 AR-1242-5	6.477	5.383	6195980	607068	35.521	16.430 #
21)	L5 AR-1248-1	5.564	4.609	19112733	139759	108.933	4.947 #
22)	L5 AR-1248-2	5.849	4.825	4401925	20021	18.120	0.586 #
23)	L5 AR-1248-3	6.037	4.883	1006459	36459	3.888	0.940 #
24)	L5 AR-1248-4	6.442	5.034	2772317	473654	9.511	9.260
25)	L5 AR-1248-5	6.477	5.438	6195980	269395	21.826	4.648 #
26)	L6 AR-1254-1	6.417	5.383	12950421	607068	43.502	8.690 #
27)	L6 AR-1254-2	6.634	5.529	6609709	1000560	14.930	16.021
28)	L6 AR-1254-3	7.006	5.921	1410573	1061644	3.129	8.851 #
29)	L6 AR-1254-4	7.285	6.166	507142	224137	1.522	2.793 #
30)	L6 AR-1254-5	7.702	6.573	1187101	3135239	3.432	26.896 #
31)	L7 AR-1260-1	7.160	6.067	1473607	1666264	4.326	23.760 #
32)	L7 AR-1260-2	7.425	6.253	3681934	638847	9.432	6.815 #
33)	L7 AR-1260-3	7.777	6.413	724134	1078162	2.502	11.803 #
34)	L7 AR-1260-4	8.016	6.865	389698	4517853	1.214	55.698 #
35)	L7 AR-1260-5	8.317	7.107	1602311	4677392	2.548	16.615 #
36)	L8 AR-1262-1	7.702	6.573	1187101	3135239	4.162	47.533 #
37)	L8 AR-1262-2	8.317	6.865	1602311	4517853	2.190	40.984 #
38)	L8 AR-1262-3	8.640	7.365	1290900	25666808	2.579	164.617 #
39)	L8 AR-1262-4	8.715	7.455	2375140	7743168	6.250	28.906 #
40)	L8 AR-1262-5	9.370	7.948	582492	399918	2.188	2.622
41)	L9 AR-1268-1	8.640	7.365	1290900	25666808	1.583	59.451 #

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Acq On : 21 Jun 2024 13:35
Operator : YP/AJ
Sample : P2977-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

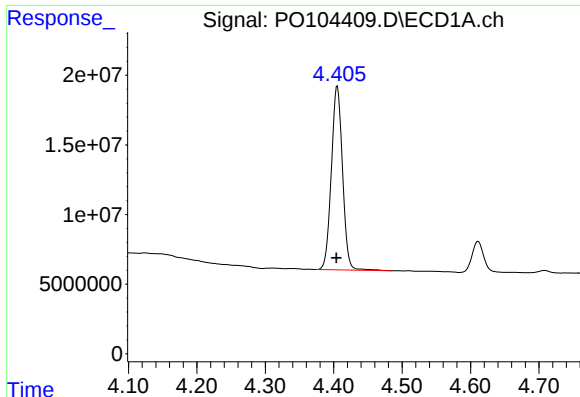
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 22 02:15:25 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062024.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jun 21 04:29:14 2024
Response via : Initial Calibration
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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	8.715	7.455	2375140	7743168	3.187	17.897 #
43)	L9 AR-1268-3	8.943	7.662	308609	440761	0.498	1.135 #
44)	L9 AR-1268-4	9.370	7.948	582492	399918	2.095	2.494
45)	L9 AR-1268-5	9.773	8.226	858162	3240431	0.425	2.657 #

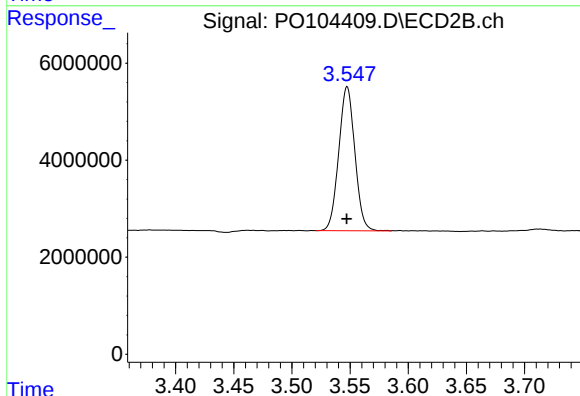
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

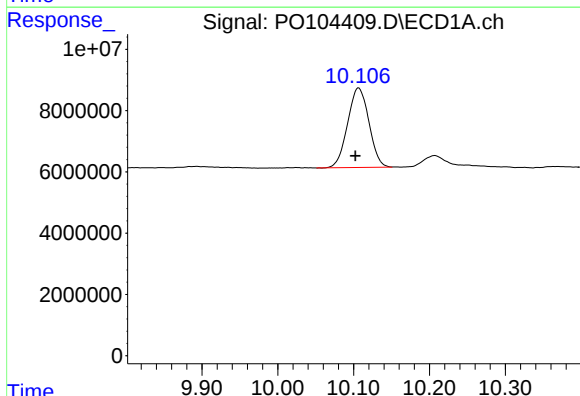
R.T.: 4.405 min
Delta R.T.: 0.001 min
Response: 149783504
Conc: 18.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



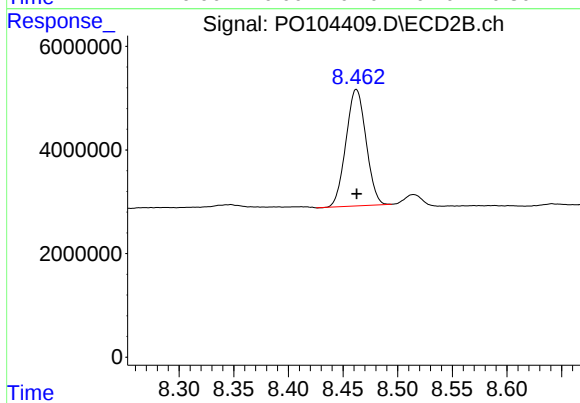
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 28620070
Conc: 19.07 ng/ml



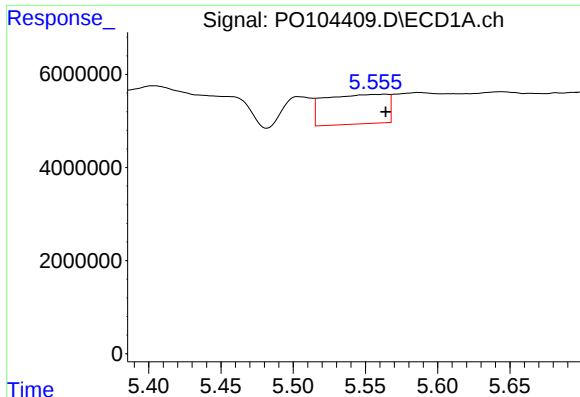
#2 Decachlorobiphenyl

R.T.: 10.107 min
Delta R.T.: 0.004 min
Response: 50667594
Conc: 9.43 ng/ml



#2 Decachlorobiphenyl

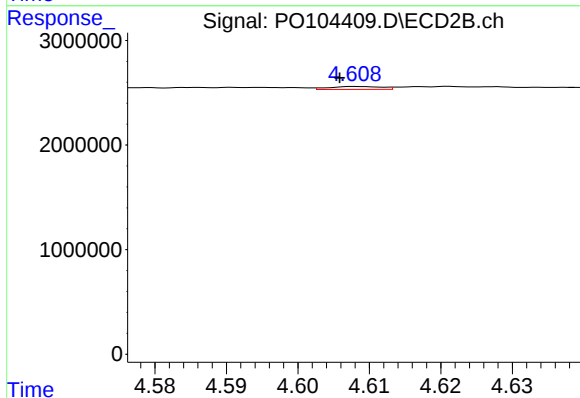
R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 28725408
Conc: 8.95 ng/ml



#3 AR-1016-1

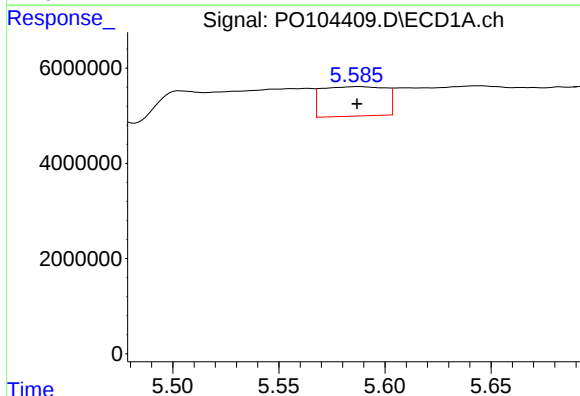
R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 19112733
Conc: 70.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



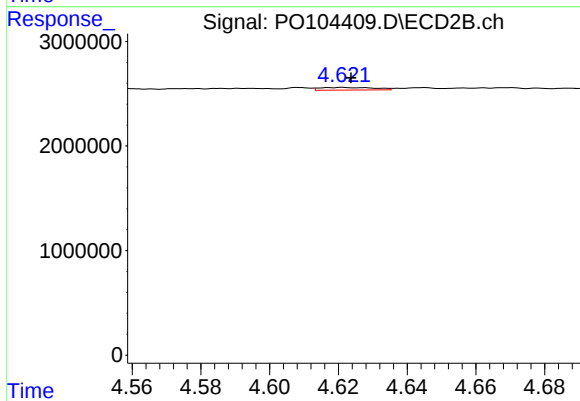
#3 AR-1016-1

R.T.: 4.609 min
Delta R.T.: 0.003 min
Response: 139759
Conc: 3.23 ng/ml



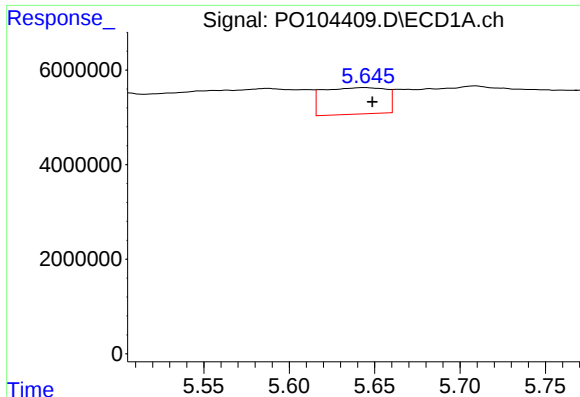
#4 AR-1016-2

R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 12922386
Conc: 34.36 ng/ml



#4 AR-1016-2

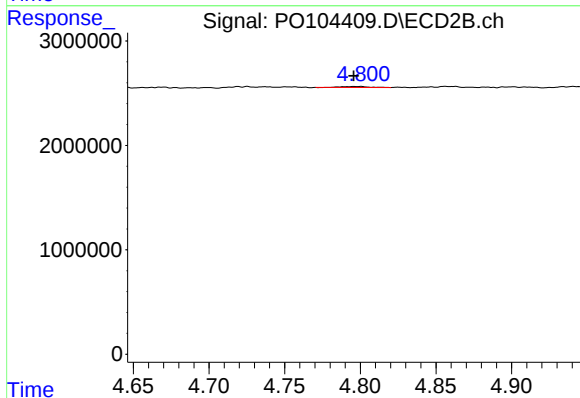
R.T.: 4.621 min
Delta R.T.: -0.003 min
Response: 272823
Conc: 3.76 ng/ml



#5 AR-1016-3

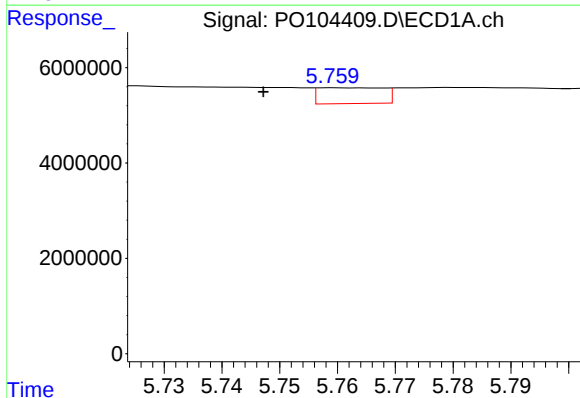
R.T.: 5.644 min
Delta R.T.: -0.005 min
Response: 14398304
Conc: 59.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



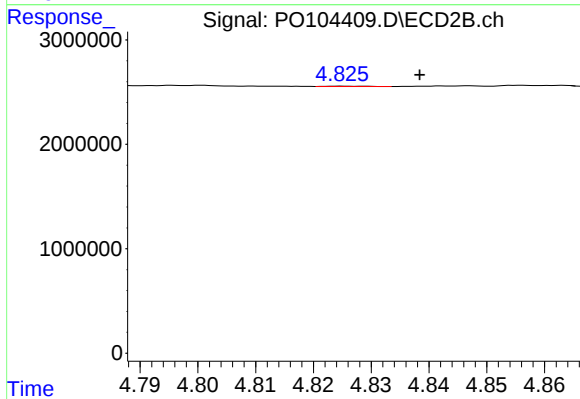
#5 AR-1016-3

R.T.: 4.800 min
Delta R.T.: 0.005 min
Response: 135783
Conc: 3.36 ng/ml



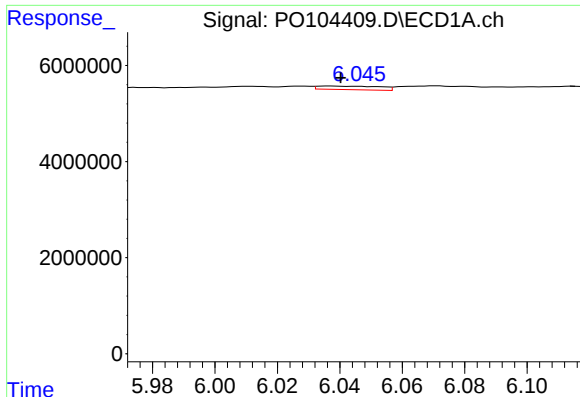
#6 AR-1016-4

R.T.: 5.759 min
Delta R.T.: 0.012 min
Response: 2613861
Conc: 13.46 ng/ml



#6 AR-1016-4

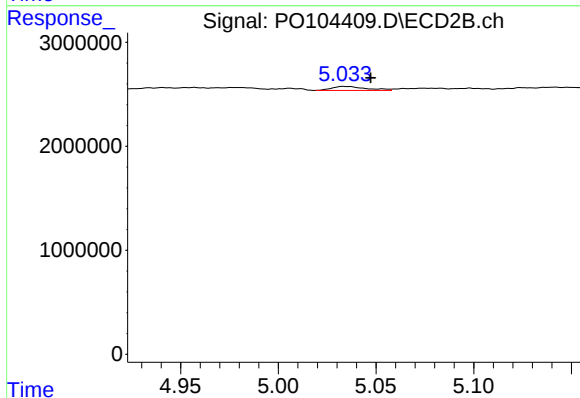
R.T.: 4.825 min
Delta R.T.: -0.013 min
Response: 20021
Conc: 0.86 ng/ml



#7 AR-1016-5

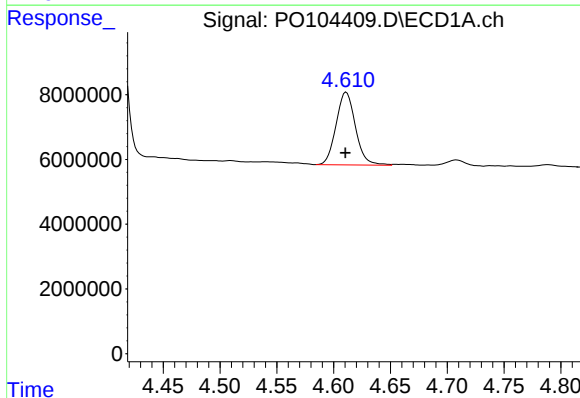
R.T.: 6.037 min
Delta R.T.: -0.003 min
Response: 1006459
Conc: 5.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



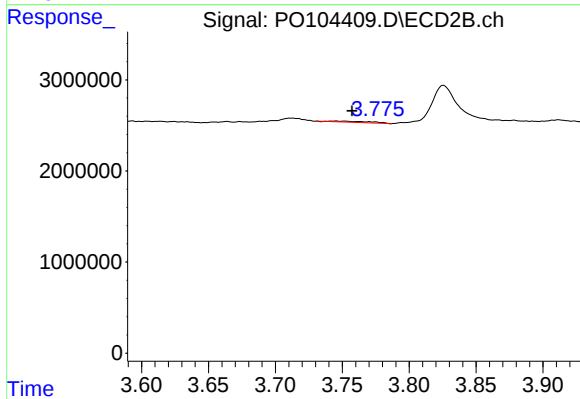
#7 AR-1016-5

R.T.: 5.034 min
Delta R.T.: -0.013 min
Response: 473654
Conc: 13.10 ng/ml



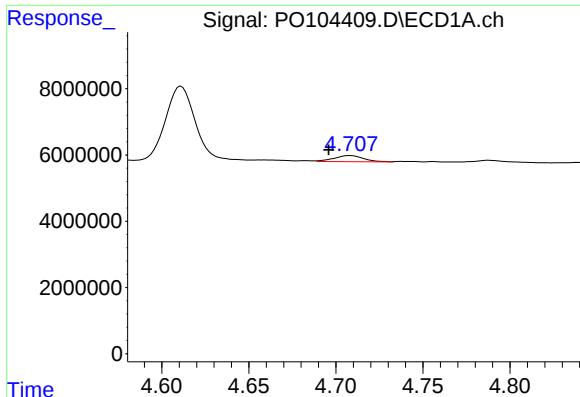
#8 AR-1221-1

R.T.: 4.611 min
Delta R.T.: 0.000 min
Response: 26740872
Conc: 255.03 ng/ml



#8 AR-1221-1

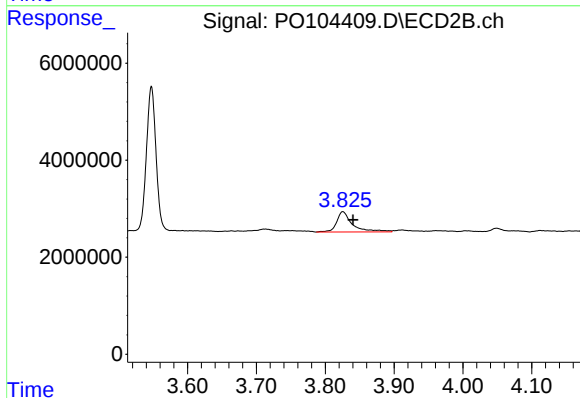
R.T.: 3.745 min
Delta R.T.: -0.012 min
Response: 258441
Conc: 14.36 ng/ml



#9 AR-1221-2

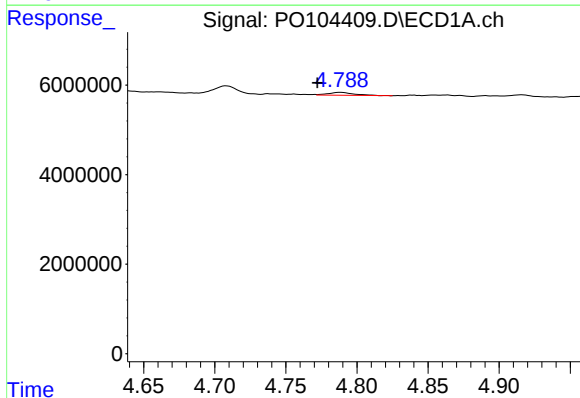
R.T.: 4.708 min
Delta R.T.: 0.012 min
Response: 2125137
Conc: 26.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



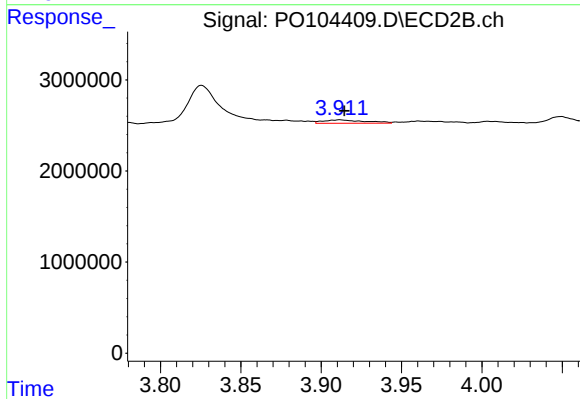
#9 AR-1221-2

R.T.: 3.826 min
Delta R.T.: -0.015 min
Response: 6665968
Conc: 417.84 ng/ml



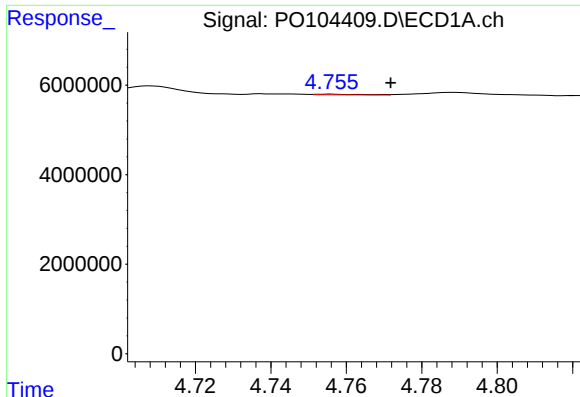
#10 AR-1221-3

R.T.: 4.788 min
Delta R.T.: 0.016 min
Response: 804972
Conc: 3.55 ng/ml



#10 AR-1221-3

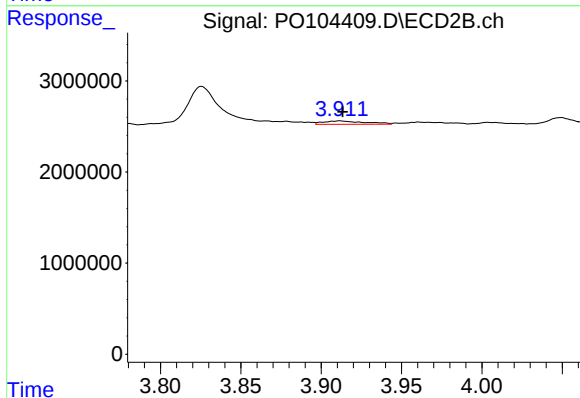
R.T.: 3.912 min
Delta R.T.: -0.003 min
Response: 660070
Conc: 13.90 ng/ml



#11 AR-1232-1

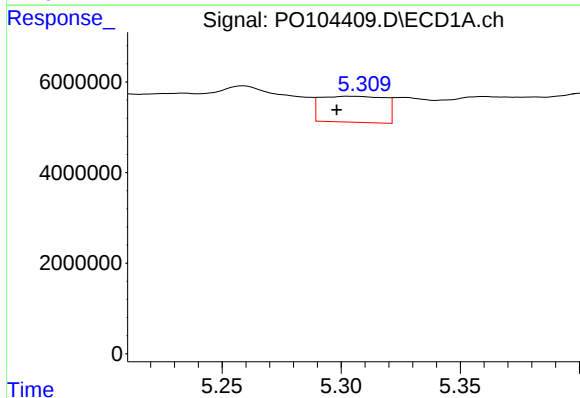
R.T.: 4.756 min
Delta R.T.: -0.016 min
Response: 129827
Conc: 0.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



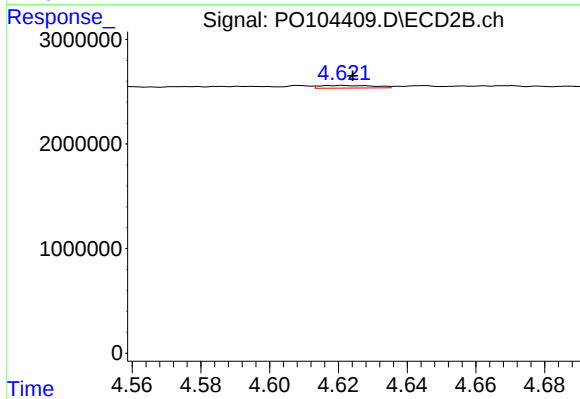
#11 AR-1232-1

R.T.: 3.912 min
Delta R.T.: -0.002 min
Response: 660070
Conc: 16.54 ng/ml



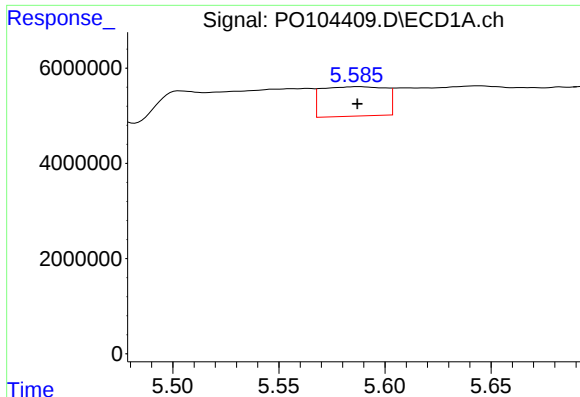
#12 AR-1232-2

R.T.: 5.303 min
Delta R.T.: 0.005 min
Response: 10736870
Conc: 93.16 ng/ml



#12 AR-1232-2

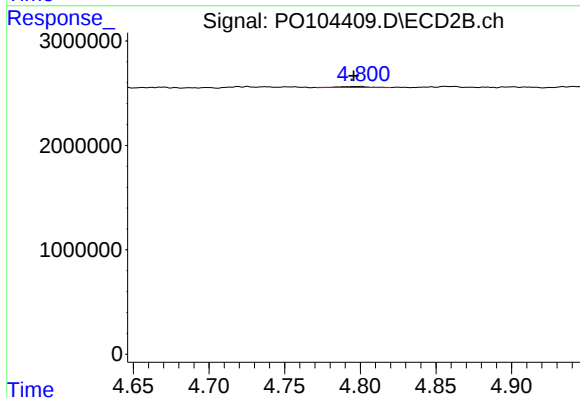
R.T.: 4.621 min
Delta R.T.: -0.003 min
Response: 272823
Conc: 7.38 ng/ml



#13 AR-1232-3

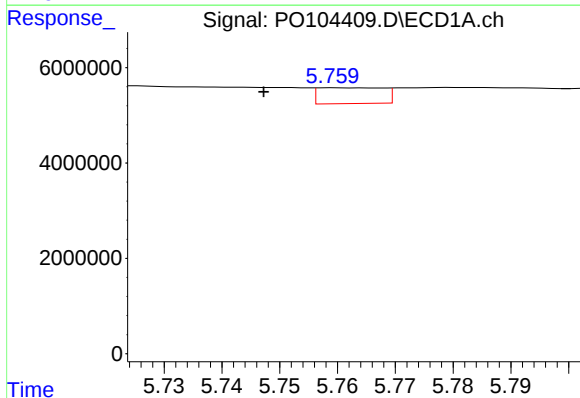
R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 12922386
Conc: 68.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



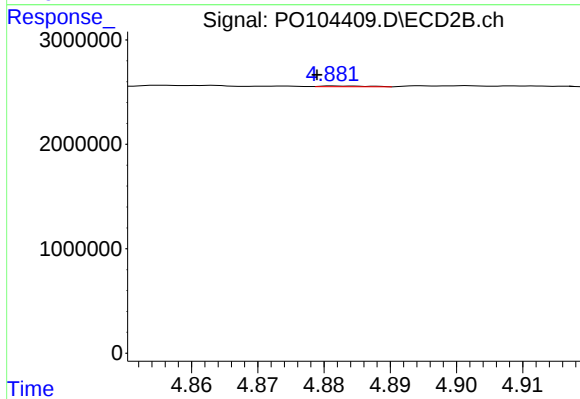
#13 AR-1232-3

R.T.: 4.800 min
Delta R.T.: 0.005 min
Response: 135783
Conc: 6.76 ng/ml



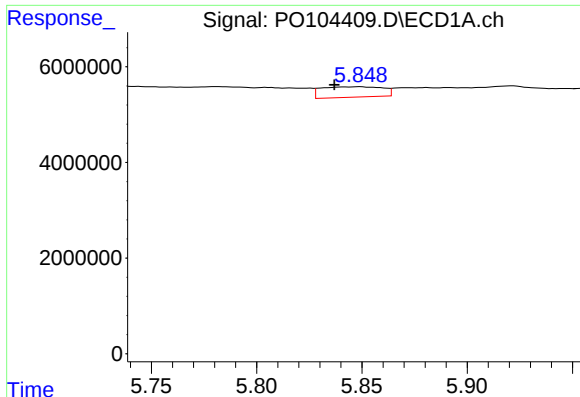
#14 AR-1232-4

R.T.: 5.759 min
Delta R.T.: 0.012 min
Response: 2613861
Conc: 27.45 ng/ml



#14 AR-1232-4

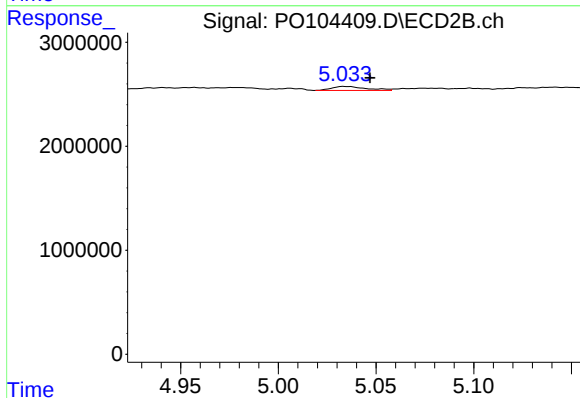
R.T.: 4.883 min
Delta R.T.: 0.004 min
Response: 36459
Conc: 2.61 ng/ml



#15 AR-1232-5

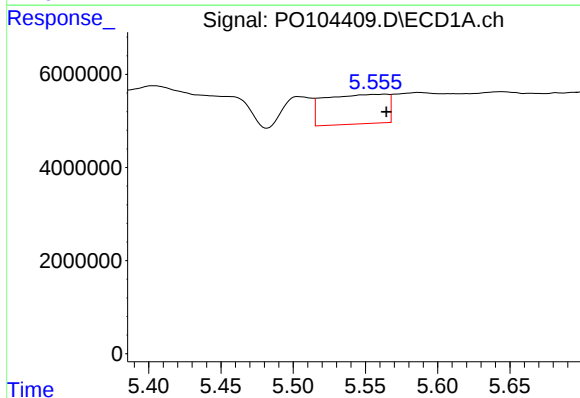
R.T.: 5.849 min
Delta R.T.: 0.012 min
Response: 4401925
Conc: 60.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



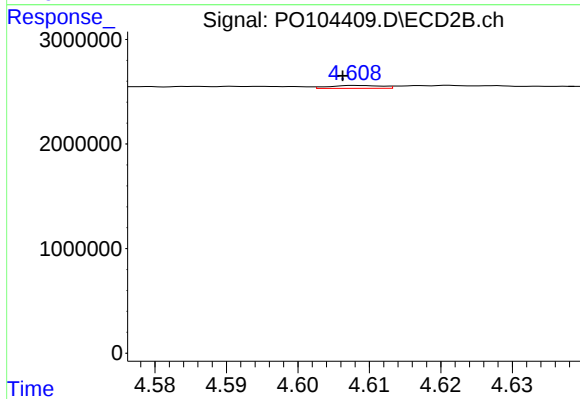
#15 AR-1232-5

R.T.: 5.034 min
Delta R.T.: -0.013 min
Response: 473654
Conc: 27.09 ng/ml



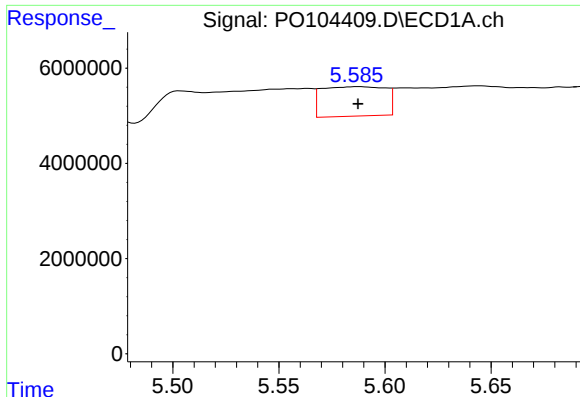
#16 AR-1242-1

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 19112733
Conc: 83.07 ng/ml



#16 AR-1242-1

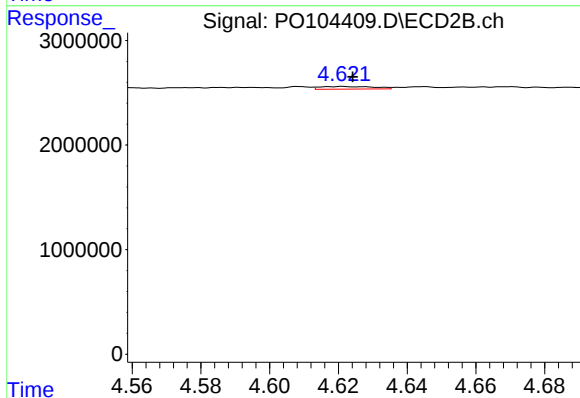
R.T.: 4.609 min
Delta R.T.: 0.002 min
Response: 139759
Conc: 3.81 ng/ml



#17 AR-1242-2

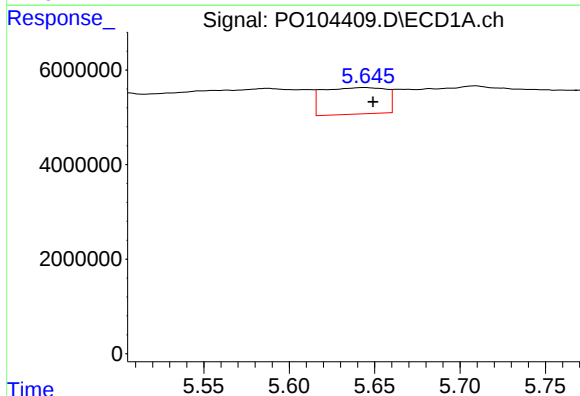
R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 12922386
Conc: 39.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



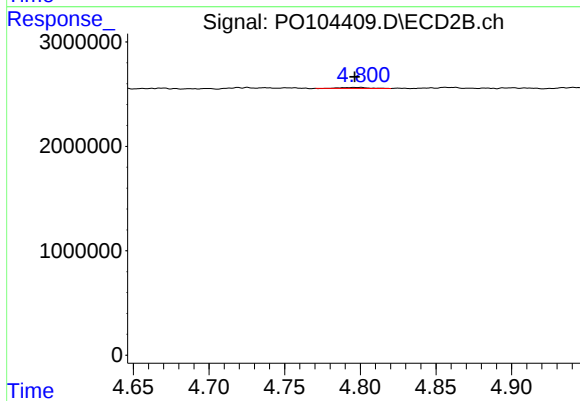
#17 AR-1242-2

R.T.: 4.621 min
Delta R.T.: -0.003 min
Response: 272823
Conc: 4.43 ng/ml



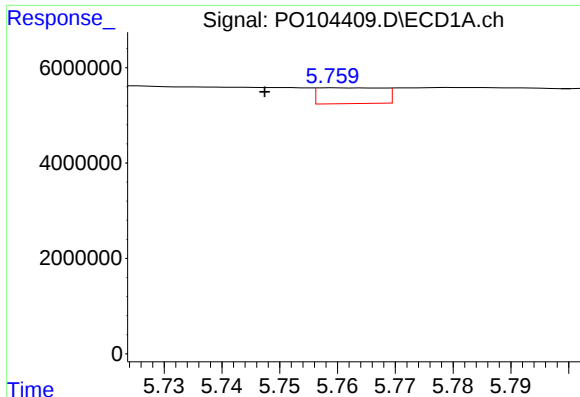
#18 AR-1242-3

R.T.: 5.644 min
Delta R.T.: -0.005 min
Response: 14398304
Conc: 68.40 ng/ml



#18 AR-1242-3

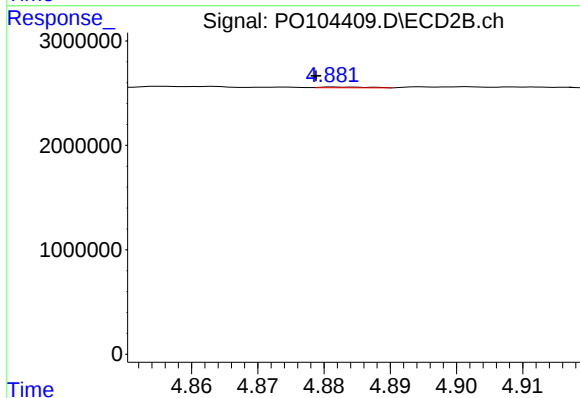
R.T.: 4.800 min
Delta R.T.: 0.004 min
Response: 135783
Conc: 3.97 ng/ml



#19 AR-1242-4

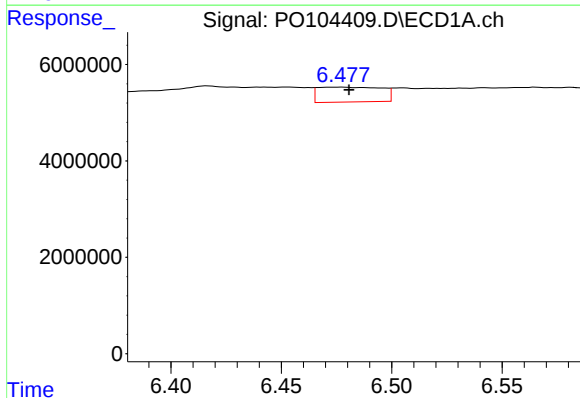
R.T.: 5.759 min
Delta R.T.: 0.012 min
Response: 2613861
Conc: 15.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



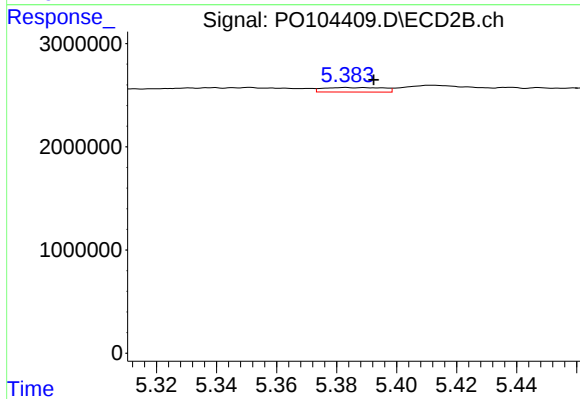
#19 AR-1242-4

R.T.: 4.883 min
Delta R.T.: 0.004 min
Response: 36459
Conc: 1.34 ng/ml



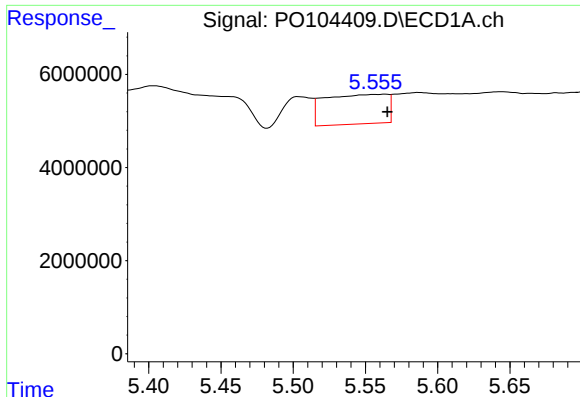
#20 AR-1242-5

R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 6195980
Conc: 35.52 ng/ml



#20 AR-1242-5

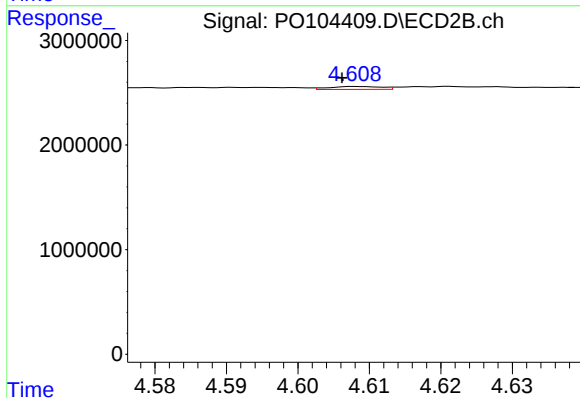
R.T.: 5.383 min
Delta R.T.: -0.009 min
Response: 607068
Conc: 16.43 ng/ml



#21 AR-1248-1

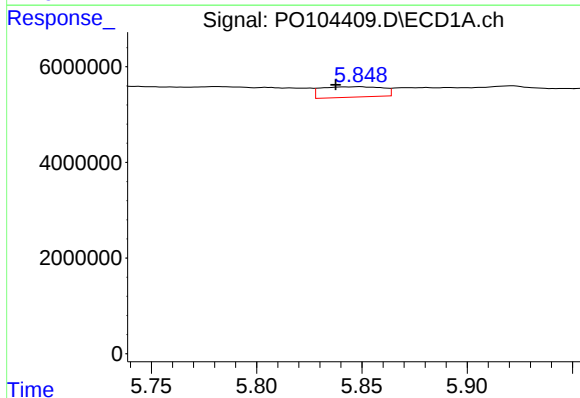
R.T.: 5.564 min
Delta R.T.: -0.002 min
Response: 19112733
Conc: 108.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



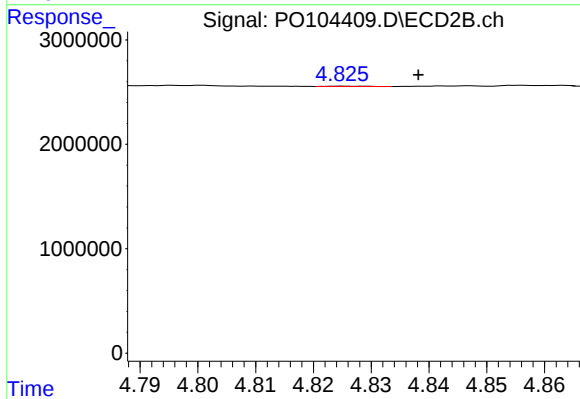
#21 AR-1248-1

R.T.: 4.609 min
Delta R.T.: 0.002 min
Response: 139759
Conc: 4.95 ng/ml



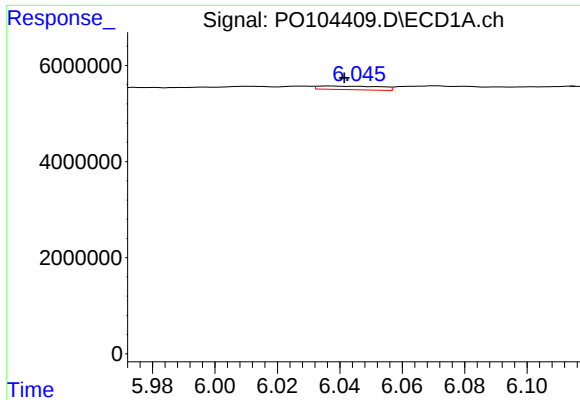
#22 AR-1248-2

R.T.: 5.849 min
Delta R.T.: 0.011 min
Response: 4401925
Conc: 18.12 ng/ml



#22 AR-1248-2

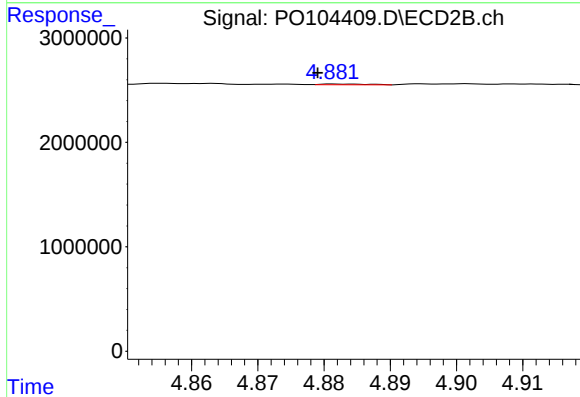
R.T.: 4.825 min
Delta R.T.: -0.013 min
Response: 20021
Conc: 0.59 ng/ml



#23 AR-1248-3

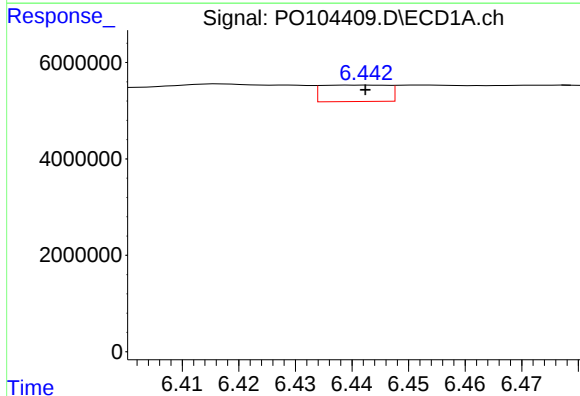
R.T.: 6.037 min
Delta R.T.: -0.004 min
Response: 1006459
Conc: 3.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



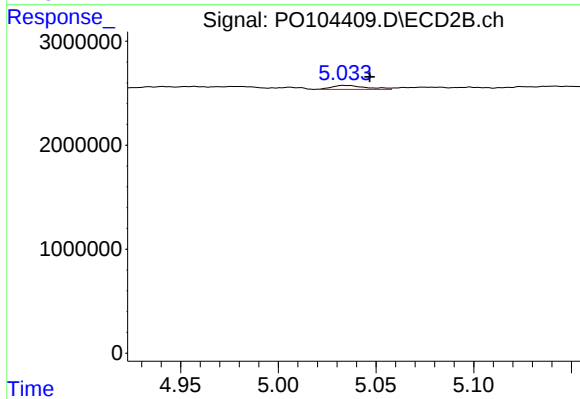
#23 AR-1248-3

R.T.: 4.883 min
Delta R.T.: 0.004 min
Response: 36459
Conc: 0.94 ng/ml



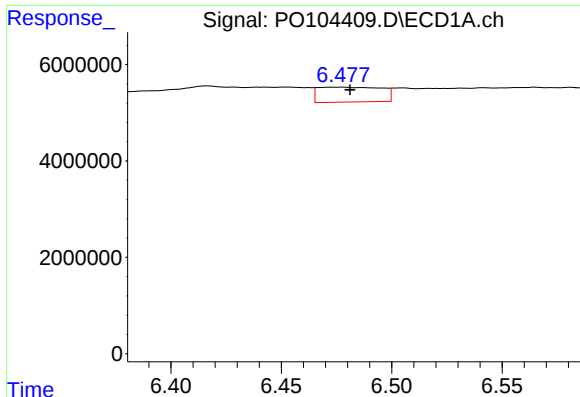
#24 AR-1248-4

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 2772317
Conc: 9.51 ng/ml



#24 AR-1248-4

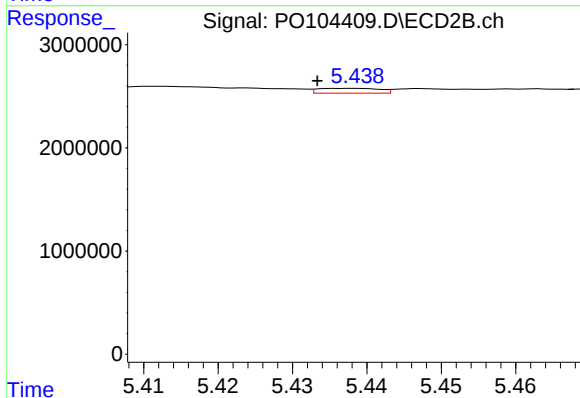
R.T.: 5.034 min
Delta R.T.: -0.013 min
Response: 473654
Conc: 9.26 ng/ml



#25 AR-1248-5

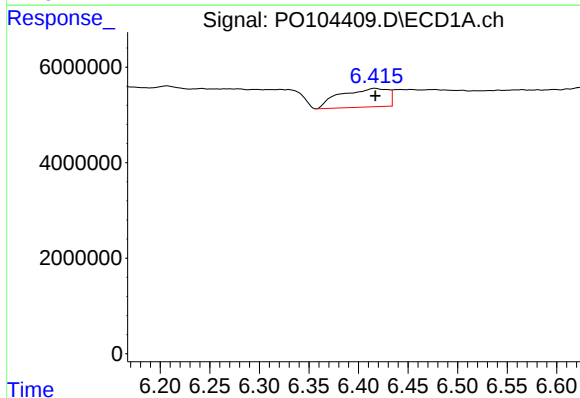
R.T.: 6.477 min
Delta R.T.: -0.004 min
Response: 6195980
Conc: 21.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



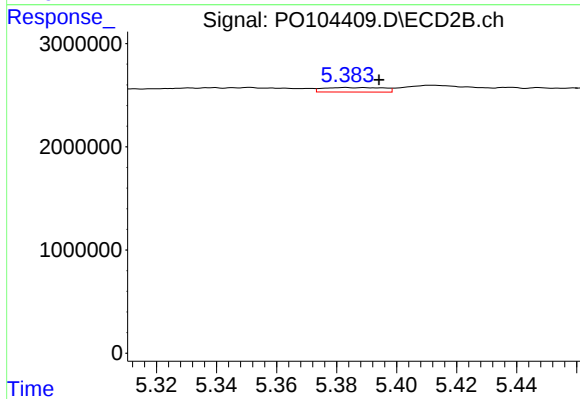
#25 AR-1248-5

R.T.: 5.438 min
Delta R.T.: 0.004 min
Response: 269395
Conc: 4.65 ng/ml



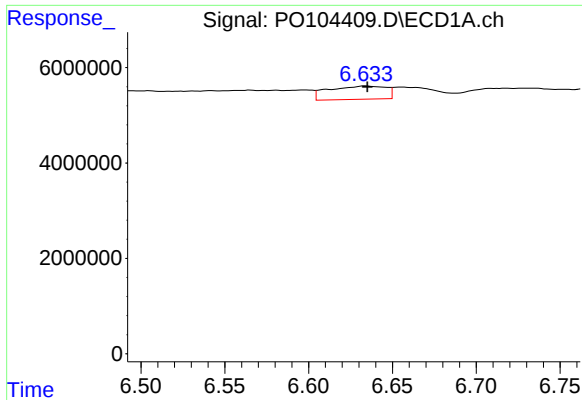
#26 AR-1254-1

R.T.: 6.417 min
Delta R.T.: 0.000 min
Response: 12950421
Conc: 43.50 ng/ml



#26 AR-1254-1

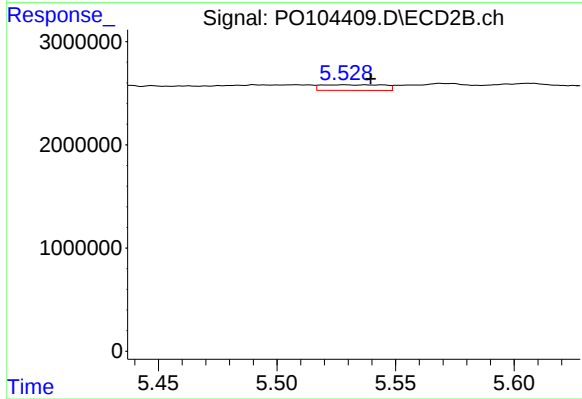
R.T.: 5.383 min
Delta R.T.: -0.011 min
Response: 607068
Conc: 8.69 ng/ml



#27 AR-1254-2

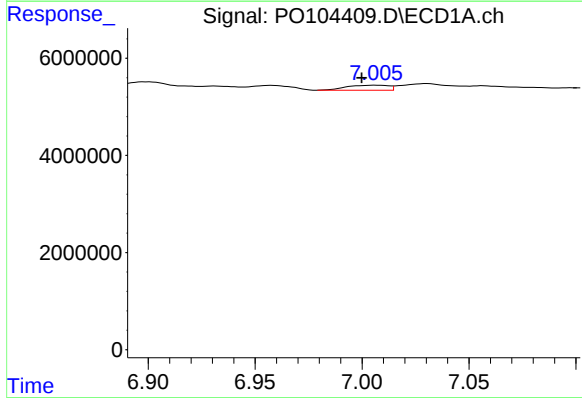
R.T.: 6.634 min
Delta R.T.: -0.001 min
Response: 6609709
Conc: 14.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



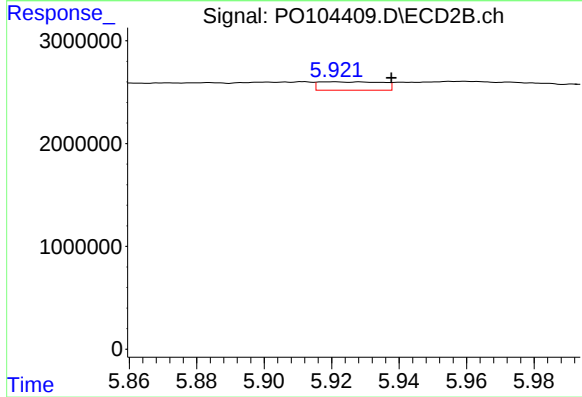
#27 AR-1254-2

R.T.: 5.529 min
Delta R.T.: -0.011 min
Response: 1000560
Conc: 16.02 ng/ml



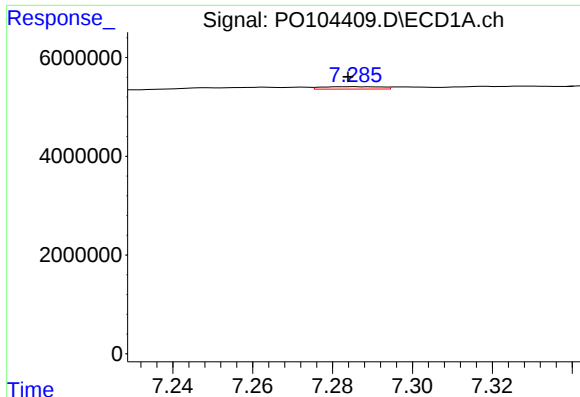
#28 AR-1254-3

R.T.: 7.006 min
Delta R.T.: 0.006 min
Response: 1410573
Conc: 3.13 ng/ml



#28 AR-1254-3

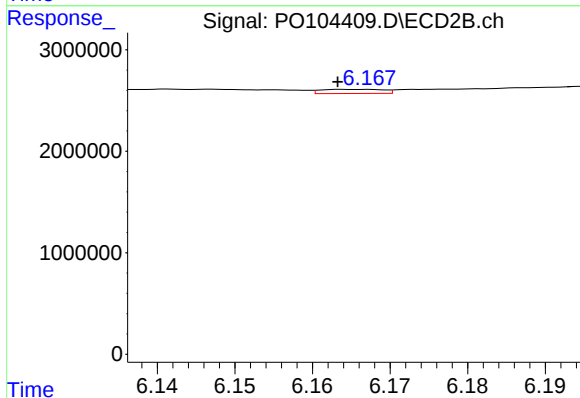
R.T.: 5.921 min
Delta R.T.: -0.017 min
Response: 1061644
Conc: 8.85 ng/ml



#29 AR-1254-4

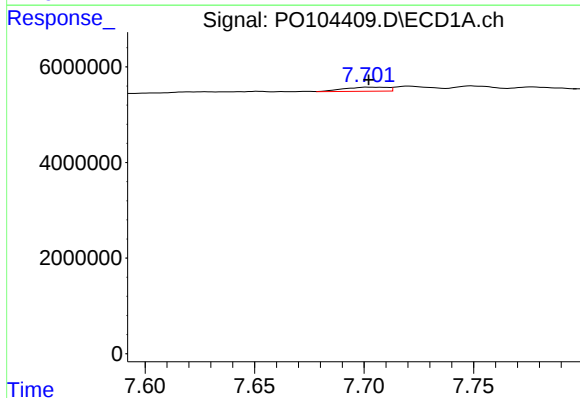
R.T.: 7.285 min
Delta R.T.: 0.000 min
Response: 507142
Conc: 1.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



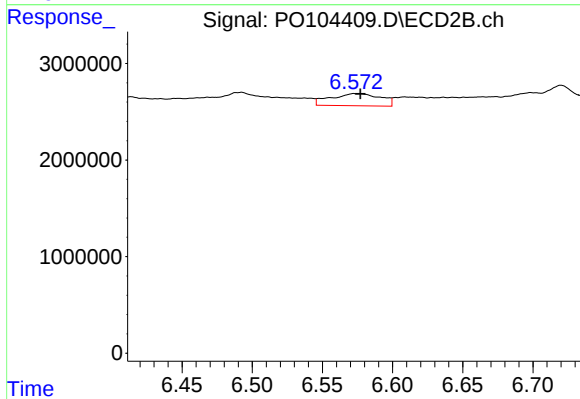
#29 AR-1254-4

R.T.: 6.166 min
Delta R.T.: 0.002 min
Response: 224137
Conc: 2.79 ng/ml



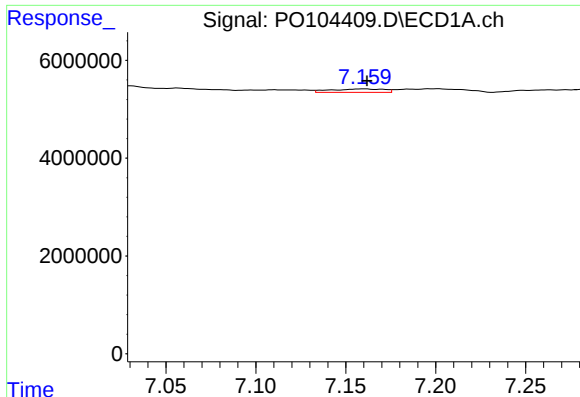
#30 AR-1254-5

R.T.: 7.702 min
Delta R.T.: 0.000 min
Response: 1187101
Conc: 3.43 ng/ml



#30 AR-1254-5

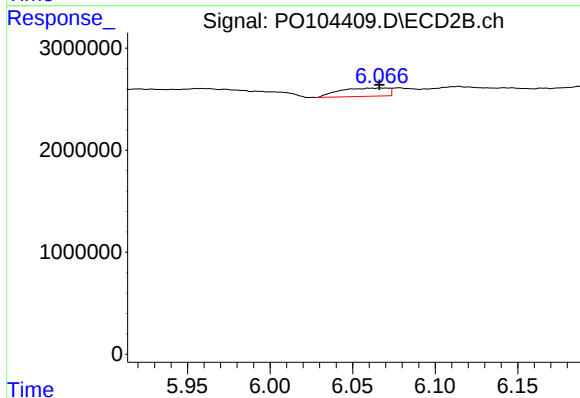
R.T.: 6.573 min
Delta R.T.: -0.004 min
Response: 3135239
Conc: 26.90 ng/ml



#31 AR-1260-1

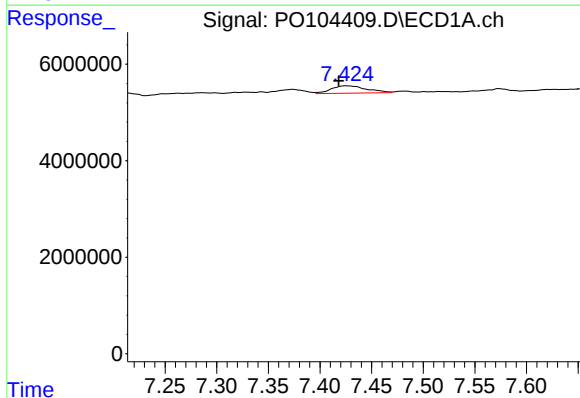
R.T.: 7.160 min
Delta R.T.: -0.002 min
Response: 1473607
Conc: 4.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



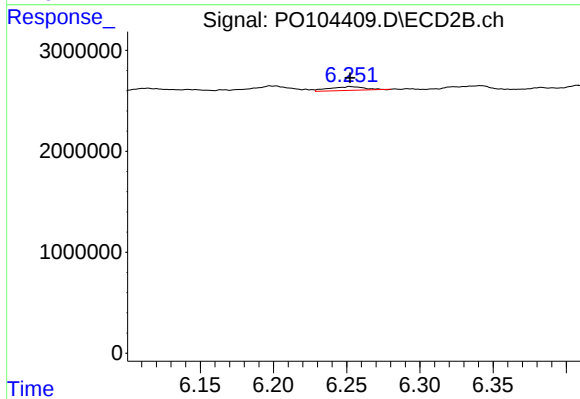
#31 AR-1260-1

R.T.: 6.067 min
Delta R.T.: 0.001 min
Response: 1666264
Conc: 23.76 ng/ml



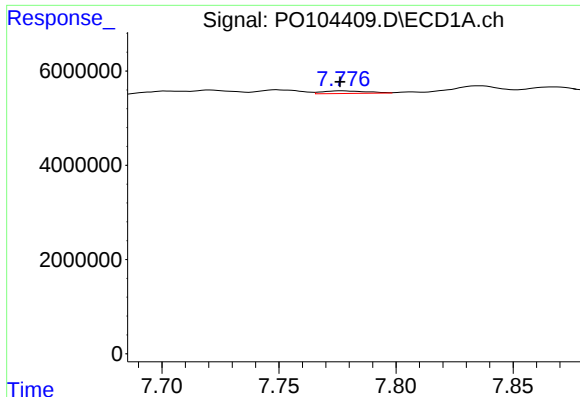
#32 AR-1260-2

R.T.: 7.425 min
Delta R.T.: 0.007 min
Response: 3681934
Conc: 9.43 ng/ml



#32 AR-1260-2

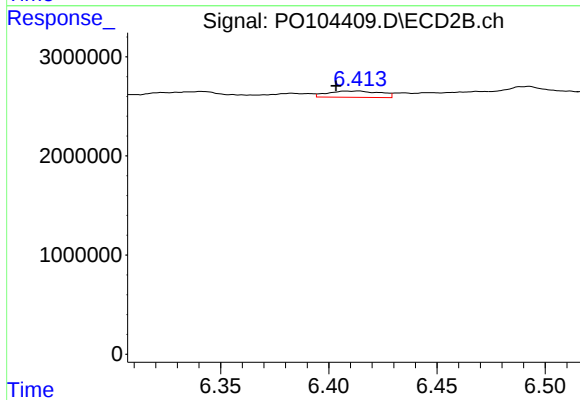
R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 638847
Conc: 6.81 ng/ml



#33 AR-1260-3

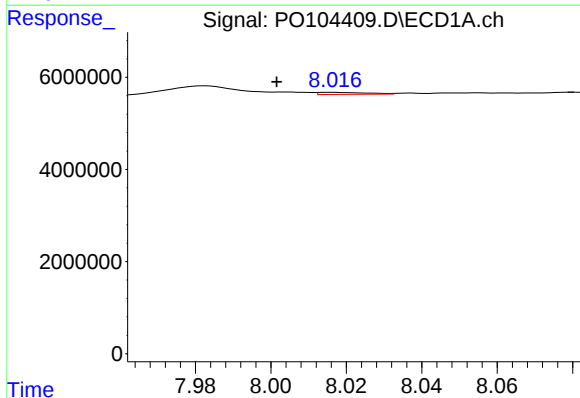
R.T.: 7.777 min
Delta R.T.: 0.000 min
Response: 724134
Conc: 2.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



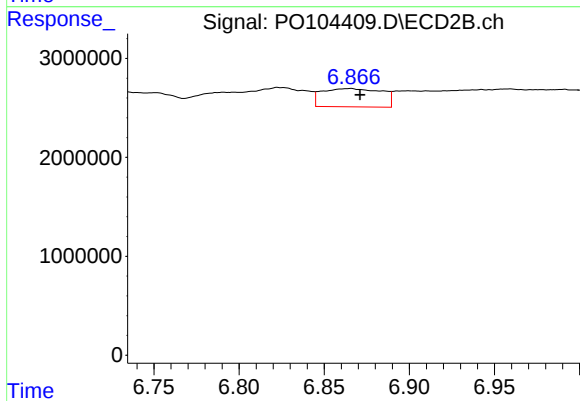
#33 AR-1260-3

R.T.: 6.413 min
Delta R.T.: 0.010 min
Response: 1078162
Conc: 11.80 ng/ml



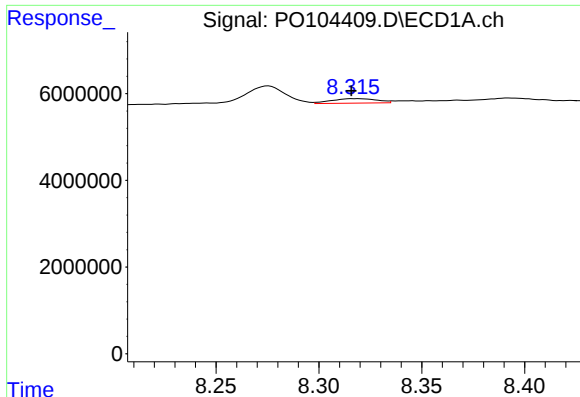
#34 AR-1260-4

R.T.: 8.016 min
Delta R.T.: 0.015 min
Response: 389698
Conc: 1.21 ng/ml



#34 AR-1260-4

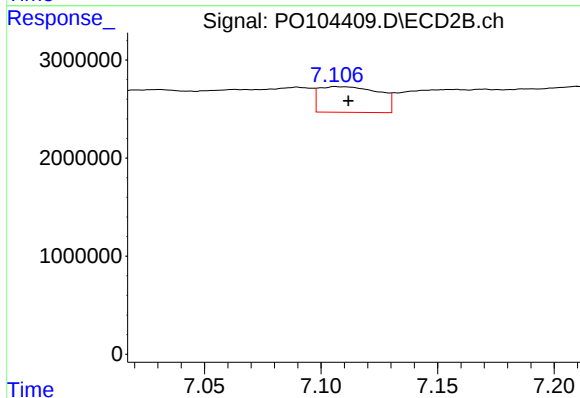
R.T.: 6.865 min
Delta R.T.: -0.006 min
Response: 4517853
Conc: 55.70 ng/ml



#35 AR-1260-5

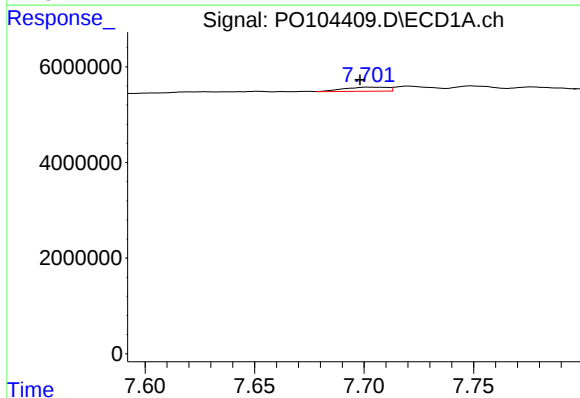
R.T.: 8.317 min
Delta R.T.: 0.001 min
Response: 1602311
Conc: 2.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



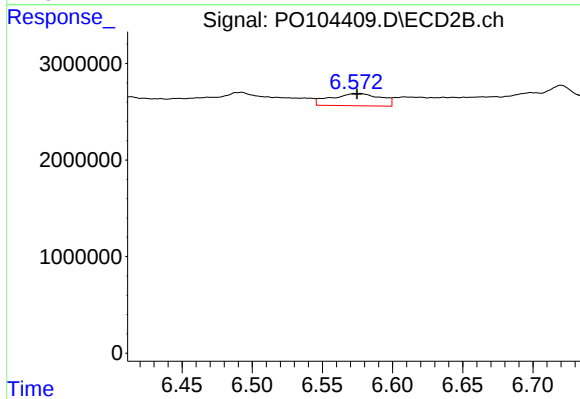
#35 AR-1260-5

R.T.: 7.107 min
Delta R.T.: -0.005 min
Response: 4677392
Conc: 16.61 ng/ml



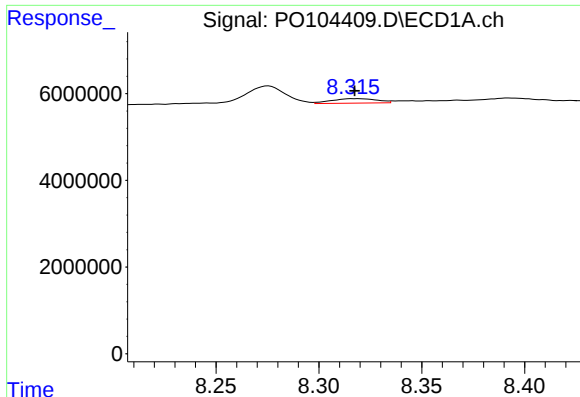
#36 AR-1262-1

R.T.: 7.702 min
Delta R.T.: 0.004 min
Response: 1187101
Conc: 4.16 ng/ml



#36 AR-1262-1

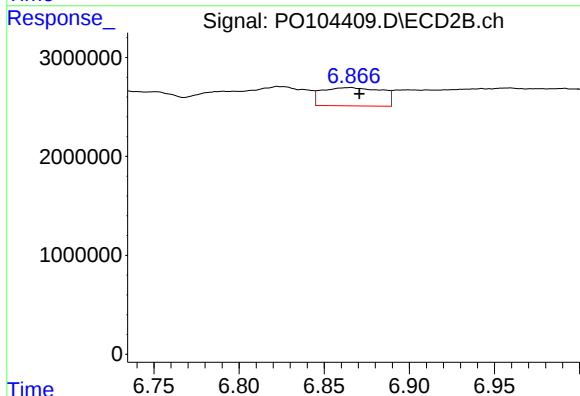
R.T.: 6.573 min
Delta R.T.: -0.002 min
Response: 3135239
Conc: 47.53 ng/ml



#37 AR-1262-2

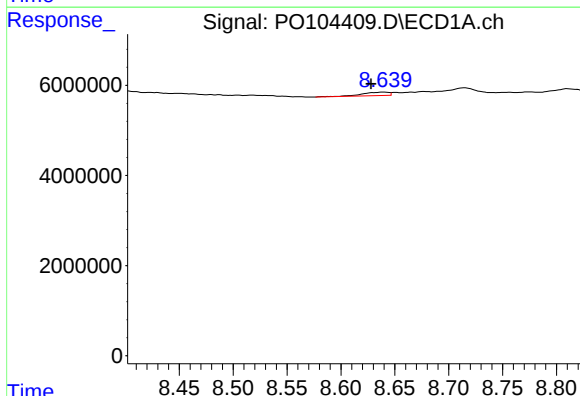
R.T.: 8.317 min
Delta R.T.: 0.000 min
Response: 1602311
Conc: 2.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



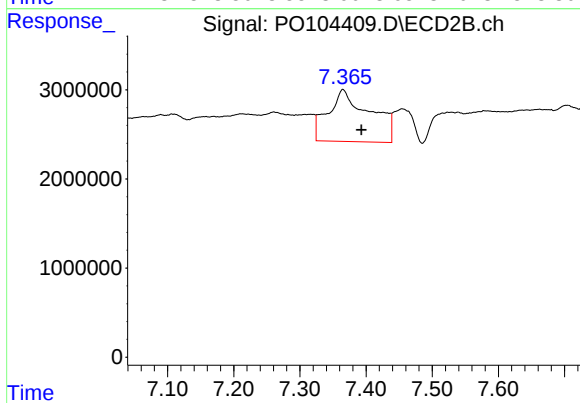
#37 AR-1262-2

R.T.: 6.865 min
Delta R.T.: -0.006 min
Response: 4517853
Conc: 40.98 ng/ml



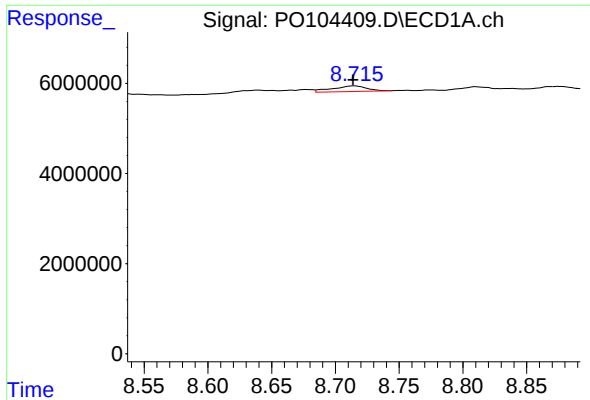
#38 AR-1262-3

R.T.: 8.640 min
Delta R.T.: 0.012 min
Response: 1290900
Conc: 2.58 ng/ml



#38 AR-1262-3

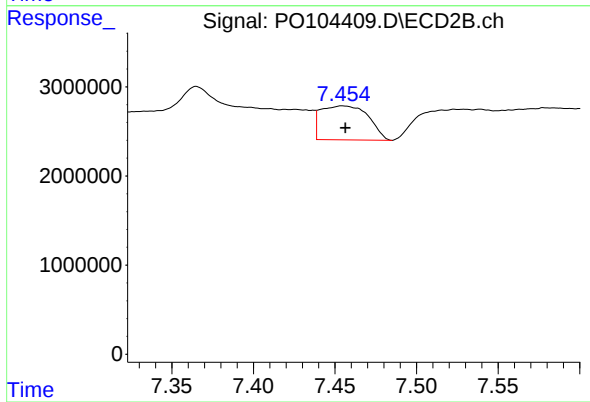
R.T.: 7.365 min
Delta R.T.: -0.028 min
Response: 25666808
Conc: 164.62 ng/ml



#39 AR-1262-4

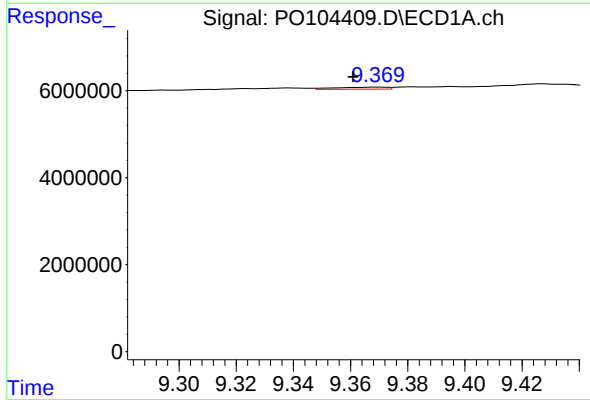
R.T.: 8.715 min
Delta R.T.: 0.001 min
Response: 2375140
Conc: 6.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



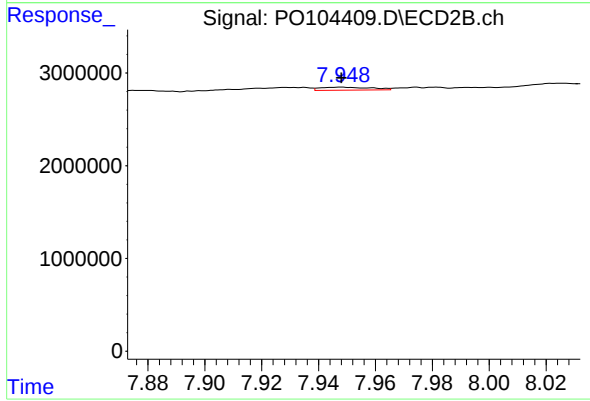
#39 AR-1262-4

R.T.: 7.455 min
Delta R.T.: -0.002 min
Response: 7743168
Conc: 28.91 ng/ml



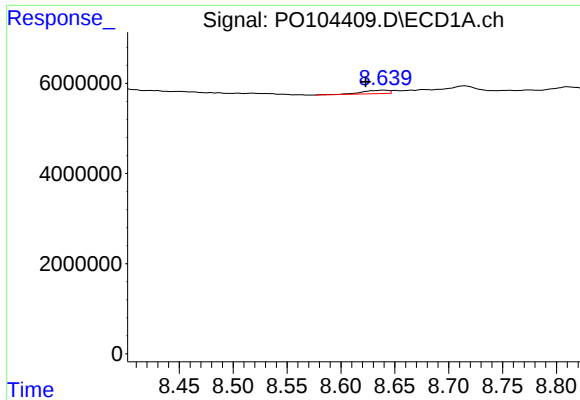
#40 AR-1262-5

R.T.: 9.370 min
Delta R.T.: 0.009 min
Response: 582492
Conc: 2.19 ng/ml



#40 AR-1262-5

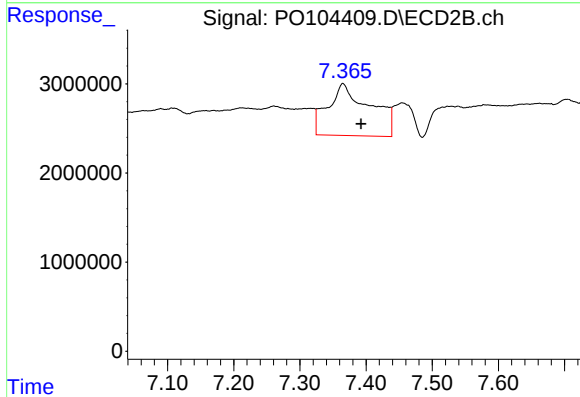
R.T.: 7.948 min
Delta R.T.: 0.000 min
Response: 399918
Conc: 2.62 ng/ml



#41 AR-1268-1

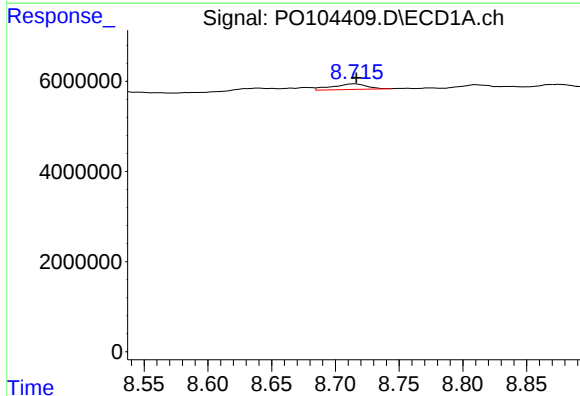
R.T.: 8.640 min
Delta R.T.: 0.016 min
Response: 1290900
Conc: 1.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



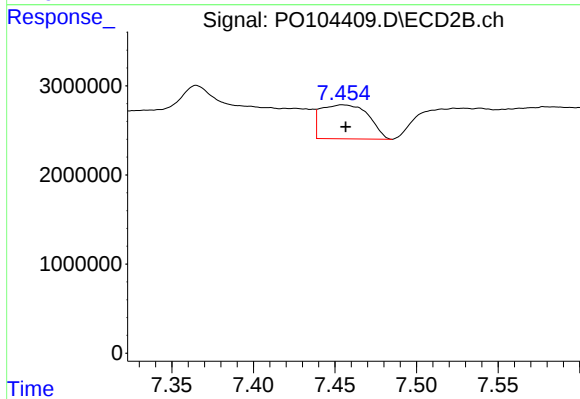
#41 AR-1268-1

R.T.: 7.365 min
Delta R.T.: -0.027 min
Response: 25666808
Conc: 59.45 ng/ml



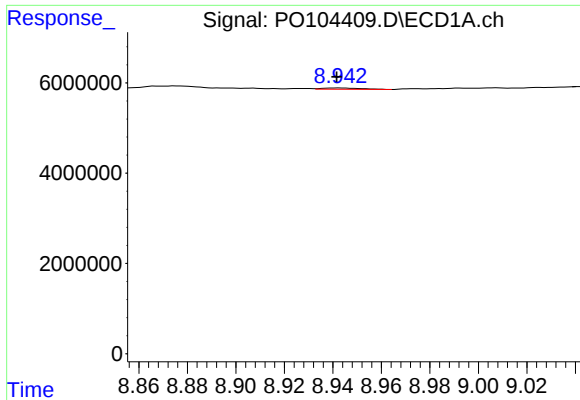
#42 AR-1268-2

R.T.: 8.715 min
Delta R.T.: -0.002 min
Response: 2375140
Conc: 3.19 ng/ml



#42 AR-1268-2

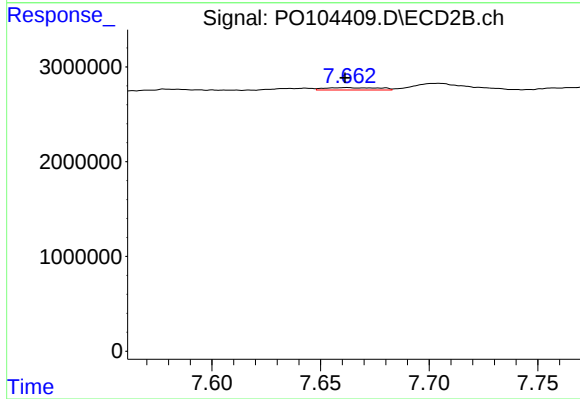
R.T.: 7.455 min
Delta R.T.: -0.002 min
Response: 7743168
Conc: 17.90 ng/ml



#43 AR-1268-3

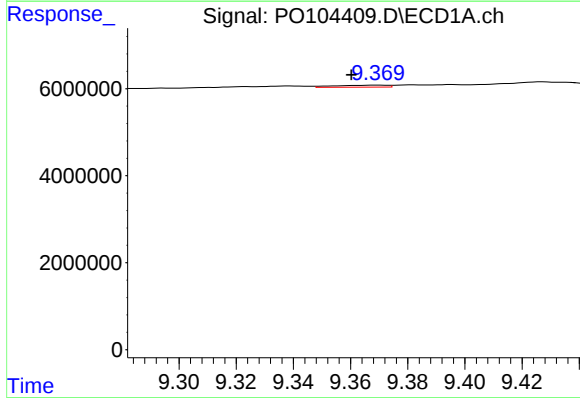
R.T.: 8.943 min
Delta R.T.: 0.001 min
Response: 308609
Conc: 0.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



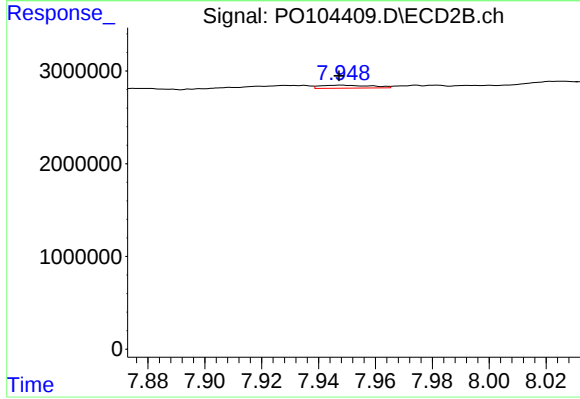
#43 AR-1268-3

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 440761
Conc: 1.13 ng/ml



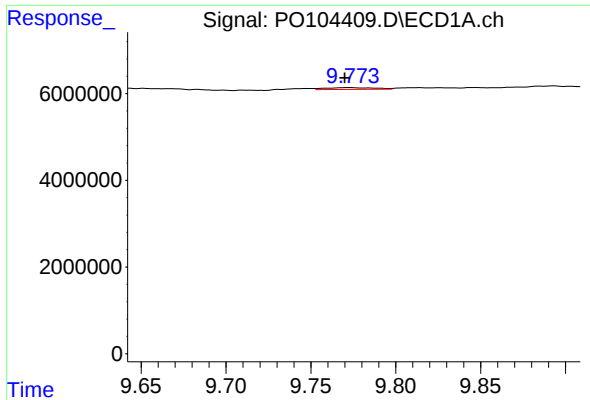
#44 AR-1268-4

R.T.: 9.370 min
Delta R.T.: 0.009 min
Response: 582492
Conc: 2.09 ng/ml



#44 AR-1268-4

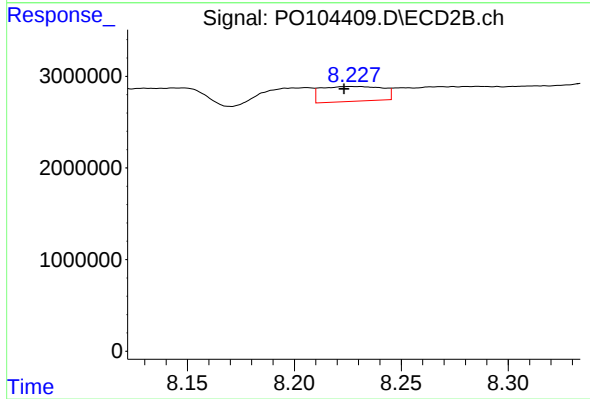
R.T.: 7.948 min
Delta R.T.: 0.000 min
Response: 399918
Conc: 2.49 ng/ml



#45 AR-1268-5

R.T.: 9.773 min
Delta R.T.: 0.003 min
Response: 858162
Conc: 0.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.226 min
Delta R.T.: 0.003 min
Response: 3240431
Conc: 2.66 ng/ml