

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0101623\
 Data File : P0098831.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2023 14:29
 Operator : YP/AJ
 Sample : 04881-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 15:34:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0092723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 28 01:18:56 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...	4.478	3.633	25541531	10832458	13.302	13.908
2)	SA Decachlor...	10.292	8.641	13232632	5823925	10.901	10.870
Target Compounds							
3)	L1 AR-1016-1	5.671	4.716	1954873	1637688	36.172	68.614 #
4)	L1 AR-1016-2	5.671	4.743	1954873	1325798	24.078	38.936 #
5)	L1 AR-1016-3	5.748	4.851f	2389262	159391	47.754	8.861 #
6)	L1 AR-1016-4	5.842	5.003f	382405	2682523	9.780	178.939 #
7)	L1 AR-1016-5	6.162	5.197	10087689	277721	245.318	14.300 #
8)	L2 AR-1221-1	4.687	3.856	1447009	47897	64.268	5.213 #
9)	L2 AR-1221-2	4.789	3.942	1001732	532050	59.369	80.014 #
10)	L2 AR-1221-3	4.852	4.008	856439	149767	17.511	7.424 #
11)	L3 AR-1232-1	4.852	4.008	856439	149767	20.967	8.910 #
12)	L3 AR-1232-2	5.418	4.743	14455916	1325798	668.392	88.231 #
13)	L3 AR-1232-3	5.671	4.851f	1954873	159391	54.992	20.365 #
14)	L3 AR-1232-4	5.842	5.003	382405	2682523	22.525	356.760 #
15)	L3 AR-1232-5	5.935	5.197	1380688	277721	96.973	34.330 #
16)	L4 AR-1242-1	5.671	4.716	1954873	1637688	42.930	78.224 #
17)	L4 AR-1242-2	5.671	4.743	1954873	1325798	28.542	45.596 #
18)	L4 AR-1242-3	5.748	4.851f	2389262	159391	56.422	10.199 #
19)	L4 AR-1242-4	5.842	5.003	382405	2682523	11.655	161.965 #
20)	L4 AR-1242-5	6.584	5.530	5823813	712075	164.416	38.369 #
21)	L5 AR-1248-1	5.671	4.716	1954873	1637688	57.763	104.503 #
22)	L5 AR-1248-2	5.935	5.003f	1380688	2682523	26.660	121.896 #
23)	L5 AR-1248-3	6.162	5.003	10087689	2682523	178.501	114.248 #
24)	L5 AR-1248-4	6.554	5.197	8038058	277721	141.793	10.412 #
25)	L5 AR-1248-5	6.584	5.560	5823813	486026	98.462	20.597 #
26)	L6 AR-1254-1	6.507	5.530	8370270	712075	132.517	18.571 #
27)	L6 AR-1254-2	6.742	5.667	3210203	1175419	33.451	34.142
28)	L6 AR-1254-3	7.132	6.059	7321039	285021	77.807	5.485 #
29)	L6 AR-1254-4	7.386	6.309	1346769	503371	23.131	18.339
30)	L6 AR-1254-5	7.813	6.724	2055893	46664	29.435	1.077 #
31)	L7 AR-1260-1	7.251	6.206	3205095	446803	44.078	12.178 #
32)	L7 AR-1260-2	7.536	6.414	2984339	719604	36.244	17.150 #
33)	L7 AR-1260-3	7.868	6.541	1722442	64998	27.843	1.624 #
34)	L7 AR-1260-4	8.101	7.020	2029821	228121	30.110	7.084 #
35)	L7 AR-1260-5	8.432	7.269	1299998	214367	10.006	3.060 #
36)	L8 AR-1262-1	7.904	6.758	4680865	41579	53.822	0.919 #
37)	L8 AR-1262-2	8.445	7.020	453856	228121	3.218	5.657 #
38)	L8 AR-1262-3	8.783	0.000	204748	0	2.074	N.D. #
39)	L8 AR-1262-4	8.851	7.625	32770	349343	0.427	6.449 #
40)	L8 AR-1262-5	9.520	0.000	36092	0	0.744	N.D. #
41)	L9 AR-1268-1	8.783	0.000	204748	0	1.179	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101623\
 Data File : PO098831.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2023 14:29
 Operator : YP/AJ
 Sample : 04881-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

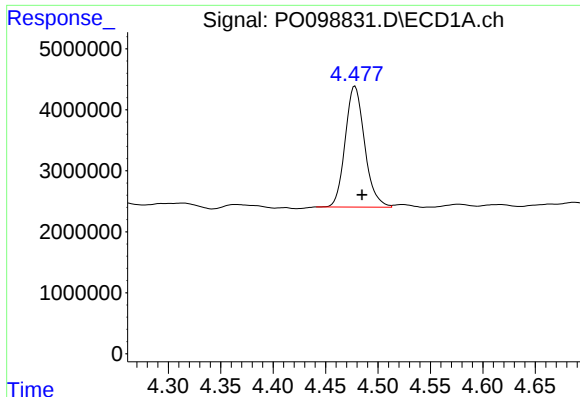
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 15:34:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO092723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 28 01:18:56 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
42) L9	AR-1268-2	8.860	7.625	17038	349343	0.109	4.505 #
43) L9	AR-1268-3	9.086	7.819	75075	94607	0.549	1.428 #
44) L9	AR-1268-4	9.520	0.000	36092	0	0.678	N.D. #
45) L9	AR-1268-5	9.958	8.435f	185125	39471	0.422	0.199 #

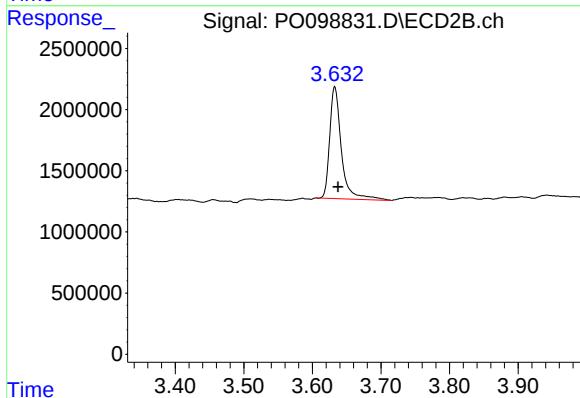
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

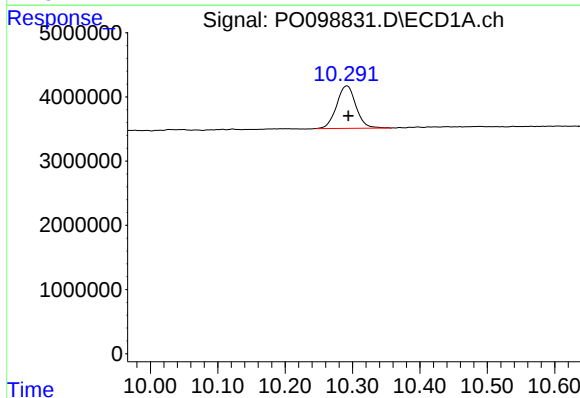
R.T.: 4.478 min
Delta R.T.: -0.007 min
Response: 25541531
Conc: 13.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



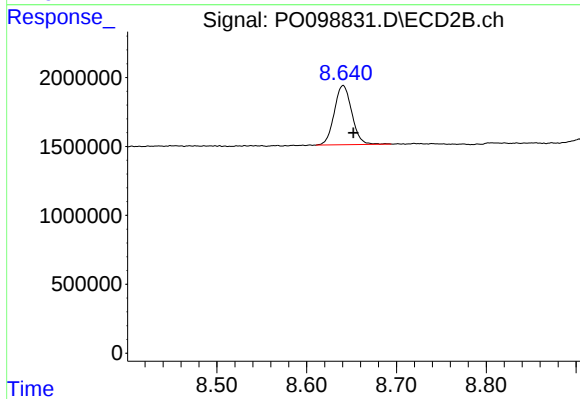
#1 Tetrachloro-m-xylene

R.T.: 3.633 min
Delta R.T.: -0.005 min
Response: 10832458
Conc: 13.91 ng/ml



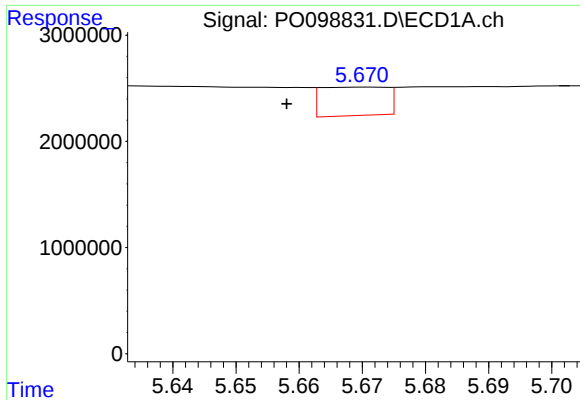
#2 Decachlorobiphenyl

R.T.: 10.292 min
Delta R.T.: -0.002 min
Response: 13232632
Conc: 10.90 ng/ml



#2 Decachlorobiphenyl

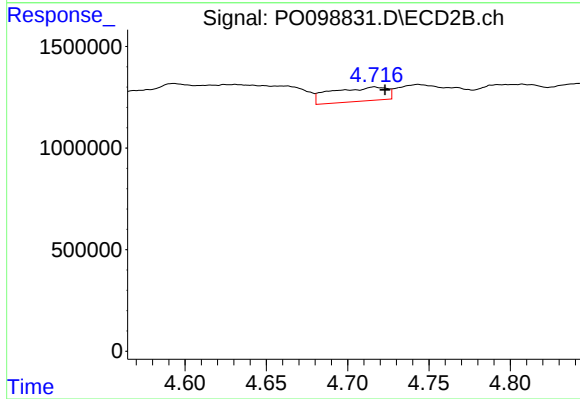
R.T.: 8.641 min
Delta R.T.: -0.011 min
Response: 5823925
Conc: 10.87 ng/ml



#3 AR-1016-1

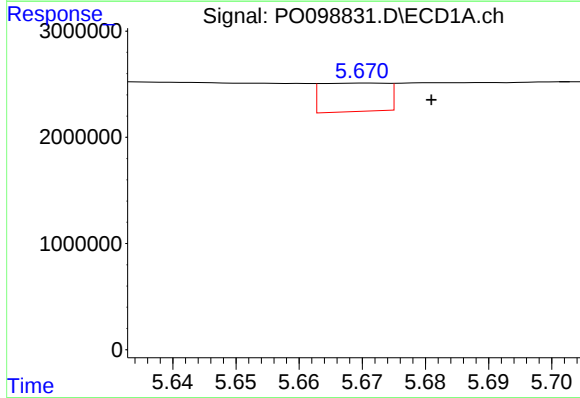
R.T.: 5.671 min
Delta R.T.: 0.013 min
Response: 1954873
Conc: 36.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



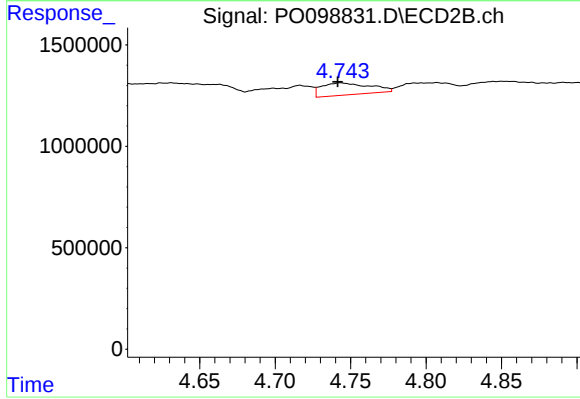
#3 AR-1016-1

R.T.: 4.716 min
Delta R.T.: -0.007 min
Response: 1637688
Conc: 68.61 ng/ml



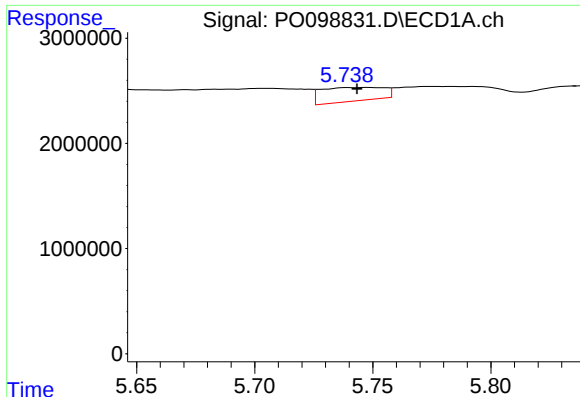
#4 AR-1016-2

R.T.: 5.671 min
Delta R.T.: -0.010 min
Response: 1954873
Conc: 24.08 ng/ml



#4 AR-1016-2

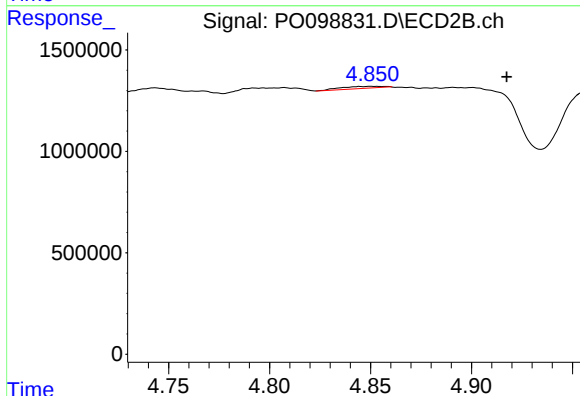
R.T.: 4.743 min
Delta R.T.: 0.002 min
Response: 1325798
Conc: 38.94 ng/ml



#5 AR-1016-3

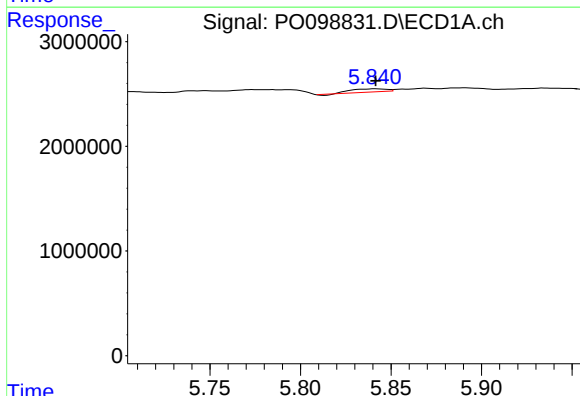
R.T.: 5.748 min
Delta R.T.: 0.004 min
Response: 2389262
Conc: 47.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



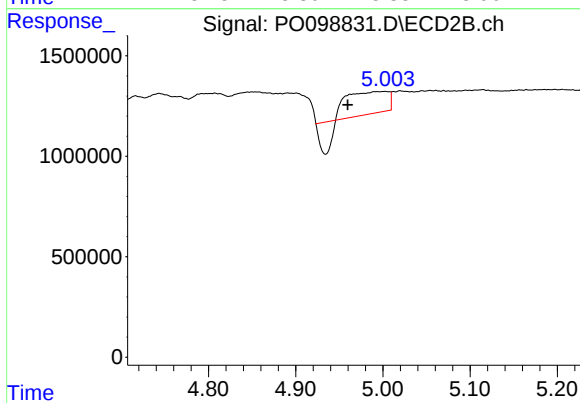
#5 AR-1016-3

R.T.: 4.851 min
Delta R.T.: -0.067 min
Response: 159391
Conc: 8.86 ng/ml



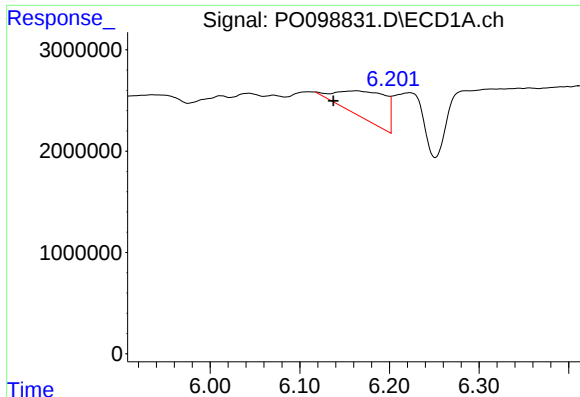
#6 AR-1016-4

R.T.: 5.842 min
Delta R.T.: 0.000 min
Response: 382405
Conc: 9.78 ng/ml



#6 AR-1016-4

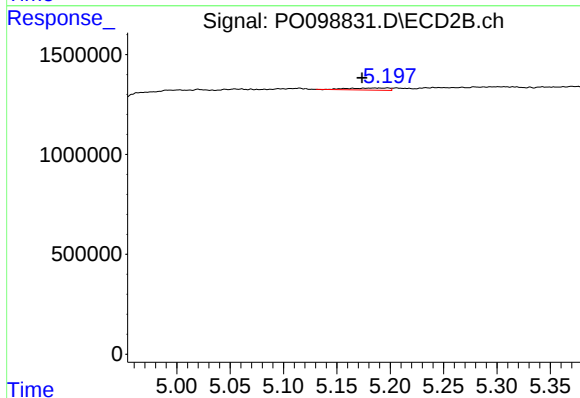
R.T.: 5.003 min
Delta R.T.: 0.043 min
Response: 2682523
Conc: 178.94 ng/ml



#7 AR-1016-5

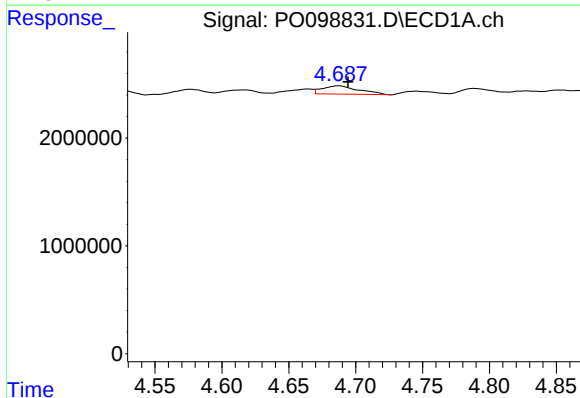
R.T.: 6.162 min
Delta R.T.: 0.025 min
Response: 10087689
Conc: 245.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



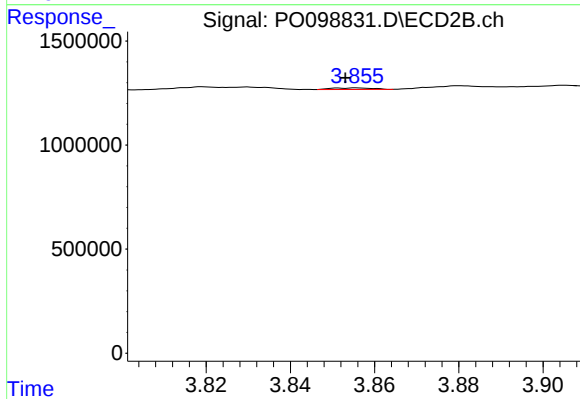
#7 AR-1016-5

R.T.: 5.197 min
Delta R.T.: 0.024 min
Response: 277721
Conc: 14.30 ng/ml



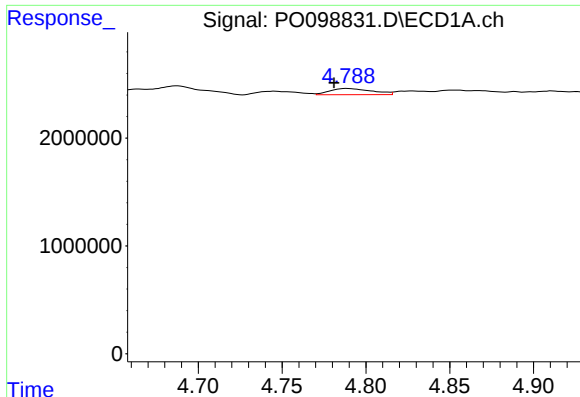
#8 AR-1221-1

R.T.: 4.687 min
Delta R.T.: -0.007 min
Response: 1447009
Conc: 64.27 ng/ml



#8 AR-1221-1

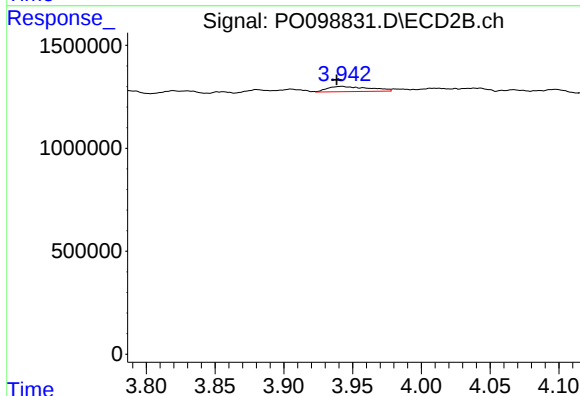
R.T.: 3.856 min
Delta R.T.: 0.003 min
Response: 47897
Conc: 5.21 ng/ml



#9 AR-1221-2

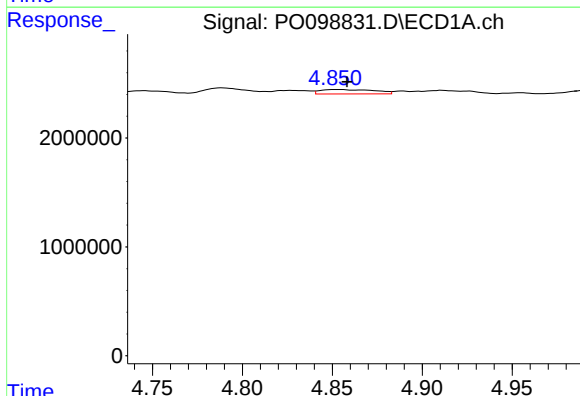
R.T.: 4.789 min
Delta R.T.: 0.008 min
Response: 1001732
Conc: 59.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



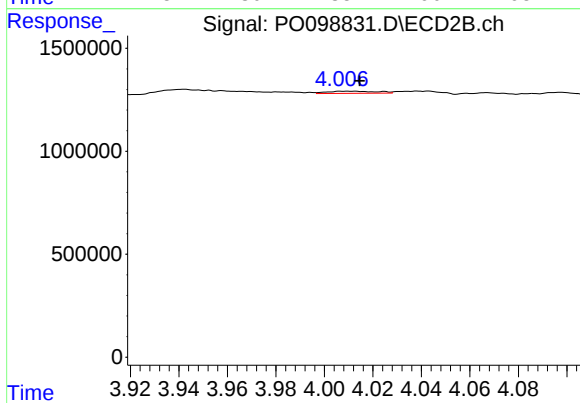
#9 AR-1221-2

R.T.: 3.942 min
Delta R.T.: 0.003 min
Response: 532050
Conc: 80.01 ng/ml



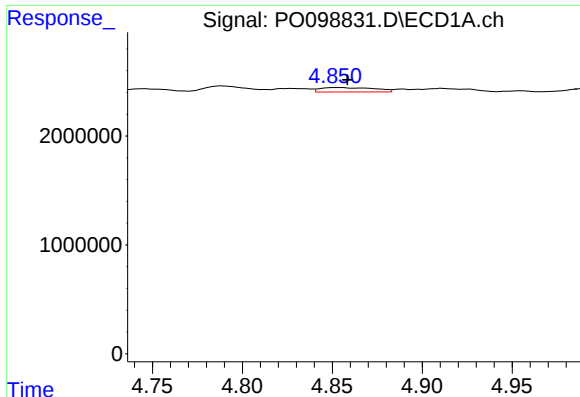
#10 AR-1221-3

R.T.: 4.852 min
Delta R.T.: -0.006 min
Response: 856439
Conc: 17.51 ng/ml



#10 AR-1221-3

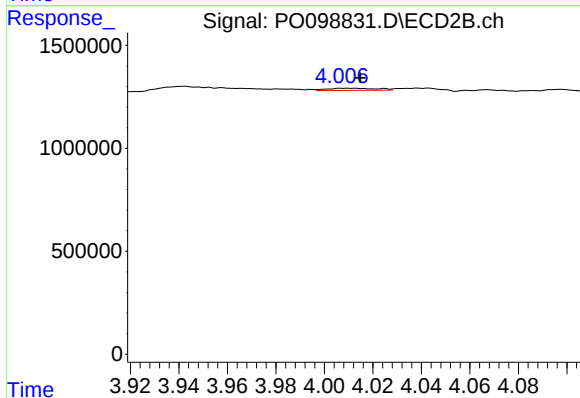
R.T.: 4.008 min
Delta R.T.: -0.007 min
Response: 149767
Conc: 7.42 ng/ml



#11 AR-1232-1

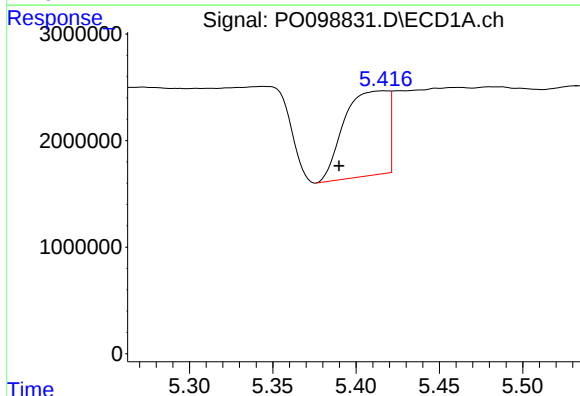
R.T.: 4.852 min
Delta R.T.: -0.006 min
Response: 856439
Conc: 20.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



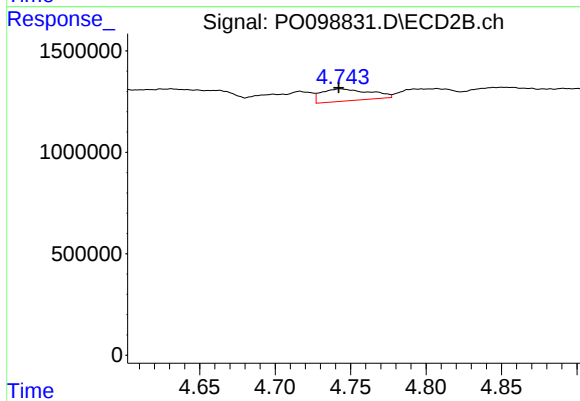
#11 AR-1232-1

R.T.: 4.008 min
Delta R.T.: -0.007 min
Response: 149767
Conc: 8.91 ng/ml



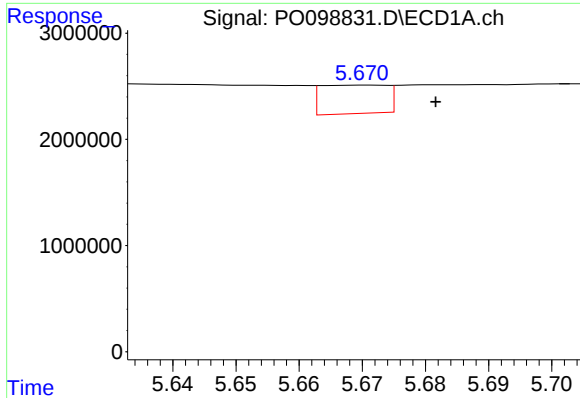
#12 AR-1232-2

R.T.: 5.418 min
Delta R.T.: 0.028 min
Response: 14455916
Conc: 668.39 ng/ml



#12 AR-1232-2

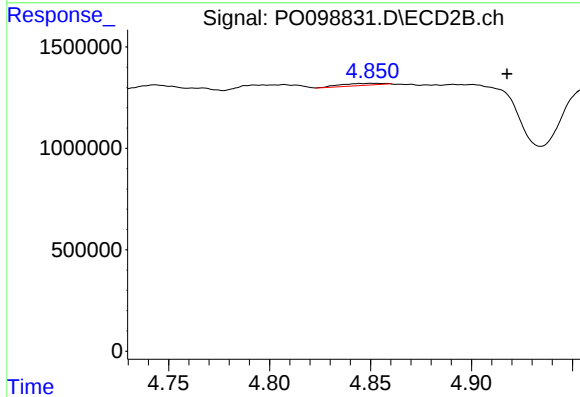
R.T.: 4.743 min
Delta R.T.: 0.001 min
Response: 1325798
Conc: 88.23 ng/ml



#13 AR-1232-3

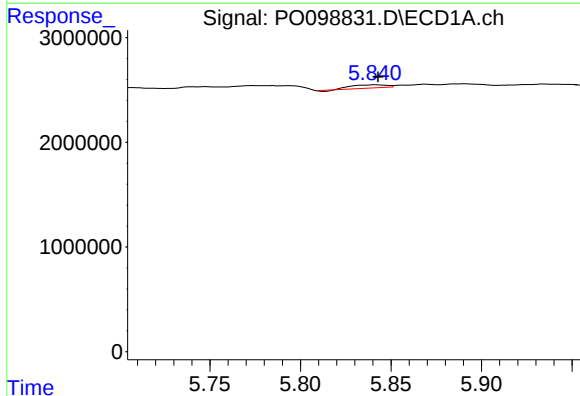
R.T.: 5.671 min
Delta R.T.: -0.011 min
Response: 1954873
Conc: 54.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



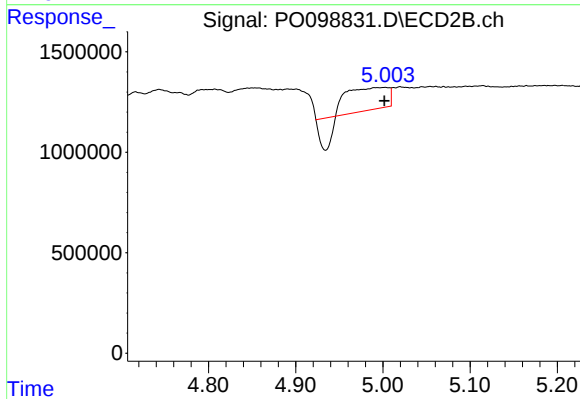
#13 AR-1232-3

R.T.: 4.851 min
Delta R.T.: -0.067 min
Response: 159391
Conc: 20.37 ng/ml



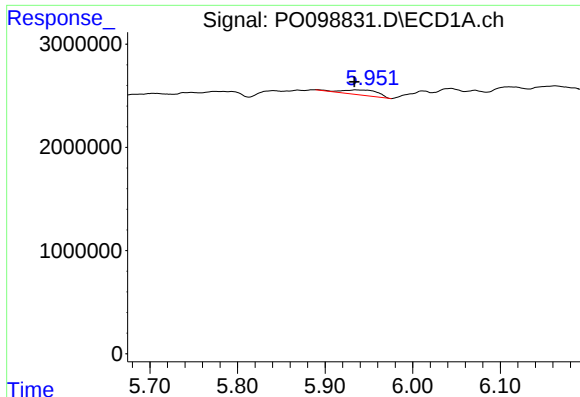
#14 AR-1232-4

R.T.: 5.842 min
Delta R.T.: -0.001 min
Response: 382405
Conc: 22.53 ng/ml



#14 AR-1232-4

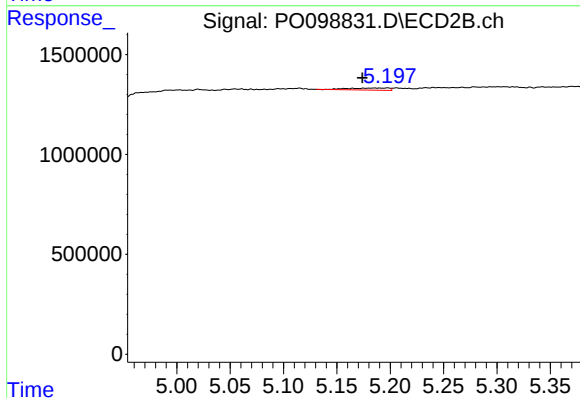
R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 2682523
Conc: 356.76 ng/ml



#15 AR-1232-5

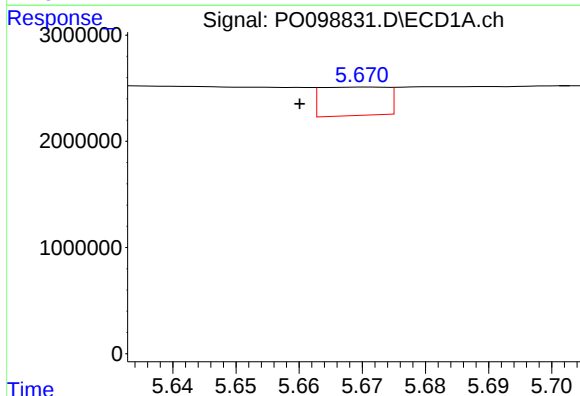
R.T.: 5.935 min
Delta R.T.: 0.001 min
Response: 1380688
Conc: 96.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



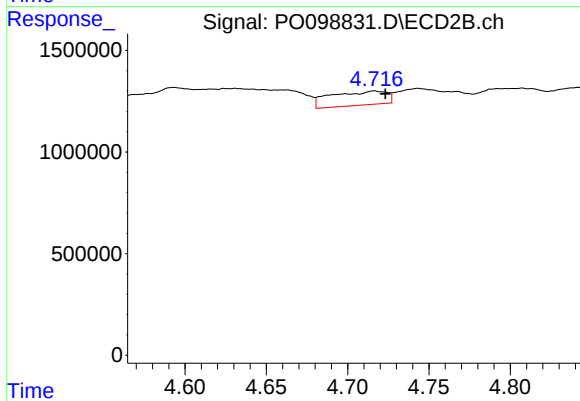
#15 AR-1232-5

R.T.: 5.197 min
Delta R.T.: 0.023 min
Response: 277721
Conc: 34.33 ng/ml



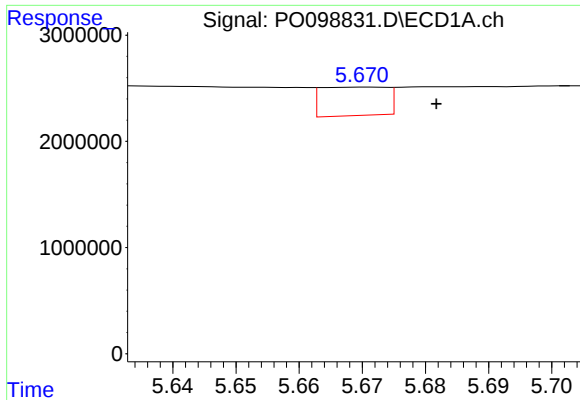
#16 AR-1242-1

R.T.: 5.671 min
Delta R.T.: 0.011 min
Response: 1954873
Conc: 42.93 ng/ml



#16 AR-1242-1

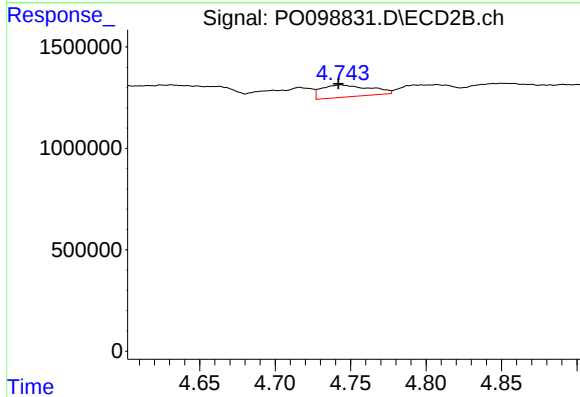
R.T.: 4.716 min
Delta R.T.: -0.007 min
Response: 1637688
Conc: 78.22 ng/ml



#17 AR-1242-2

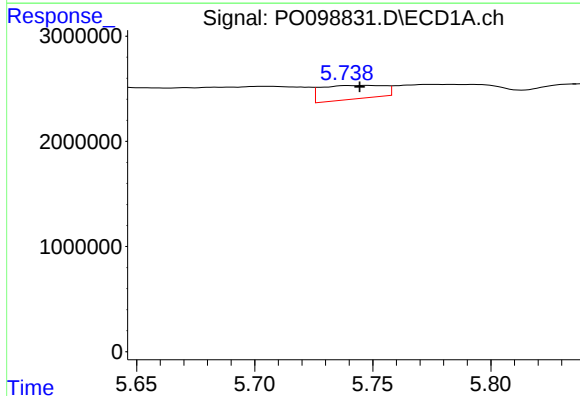
R.T.: 5.671 min
Delta R.T.: -0.011 min
Response: 1954873
Conc: 28.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



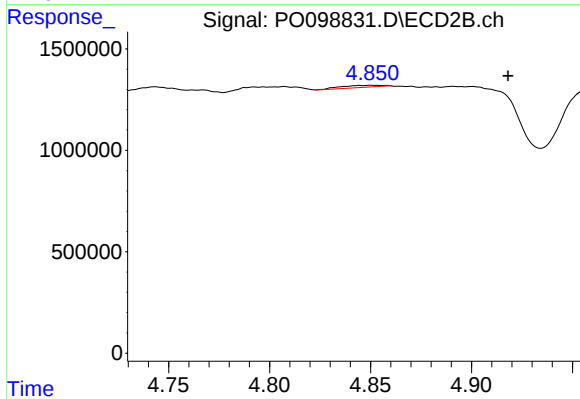
#17 AR-1242-2

R.T.: 4.743 min
Delta R.T.: 0.001 min
Response: 1325798
Conc: 45.60 ng/ml



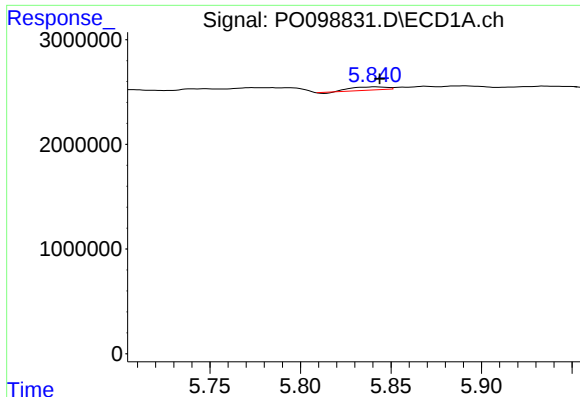
#18 AR-1242-3

R.T.: 5.748 min
Delta R.T.: 0.003 min
Response: 2389262
Conc: 56.42 ng/ml



#18 AR-1242-3

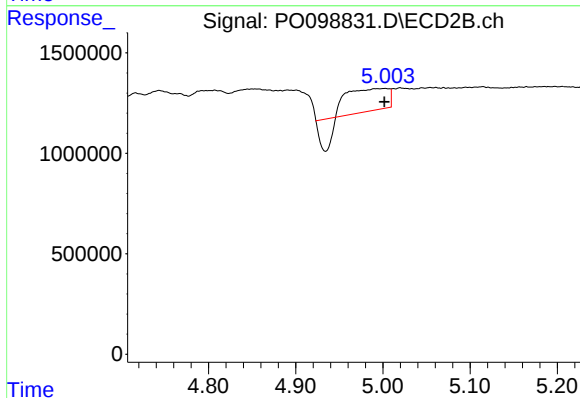
R.T.: 4.851 min
Delta R.T.: -0.067 min
Response: 159391
Conc: 10.20 ng/ml



#19 AR-1242-4

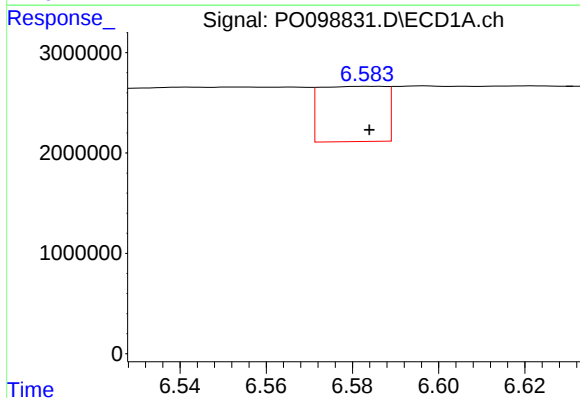
R.T.: 5.842 min
Delta R.T.: -0.002 min
Response: 382405
Conc: 11.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



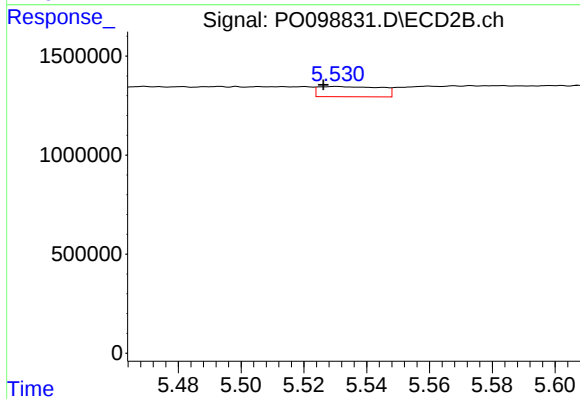
#19 AR-1242-4

R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 2682523
Conc: 161.97 ng/ml



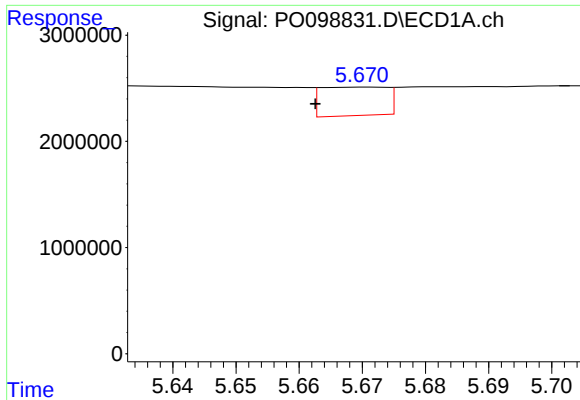
#20 AR-1242-5

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 5823813
Conc: 164.42 ng/ml



#20 AR-1242-5

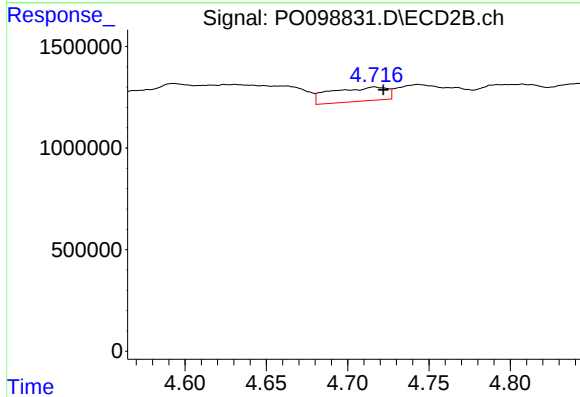
R.T.: 5.530 min
Delta R.T.: 0.004 min
Response: 712075
Conc: 38.37 ng/ml



#21 AR-1248-1

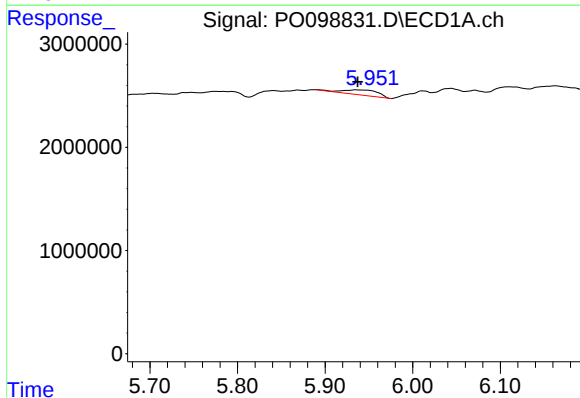
R.T.: 5.671 min
Delta R.T.: 0.009 min
Response: 1954873
Conc: 57.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



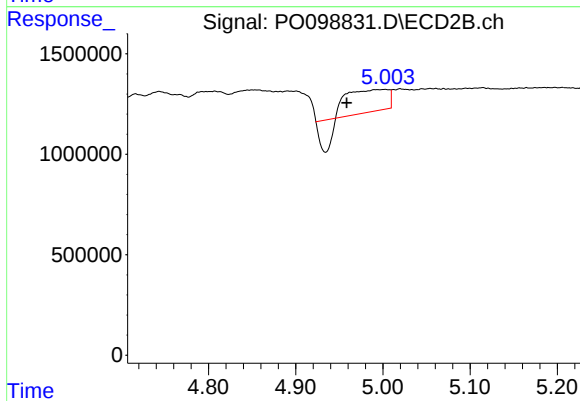
#21 AR-1248-1

R.T.: 4.716 min
Delta R.T.: -0.006 min
Response: 1637688
Conc: 104.50 ng/ml



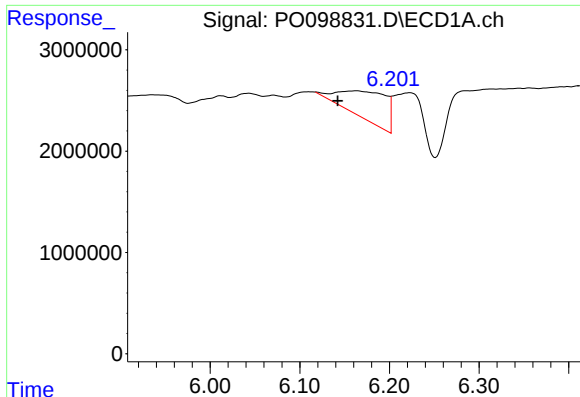
#22 AR-1248-2

R.T.: 5.935 min
Delta R.T.: -0.002 min
Response: 1380688
Conc: 26.66 ng/ml



#22 AR-1248-2

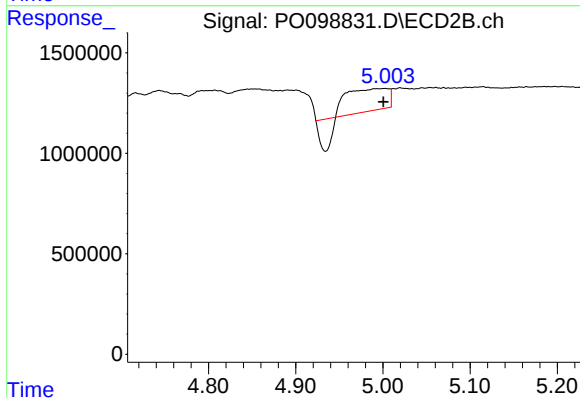
R.T.: 5.003 min
Delta R.T.: 0.044 min
Response: 2682523
Conc: 121.90 ng/ml



#23 AR-1248-3

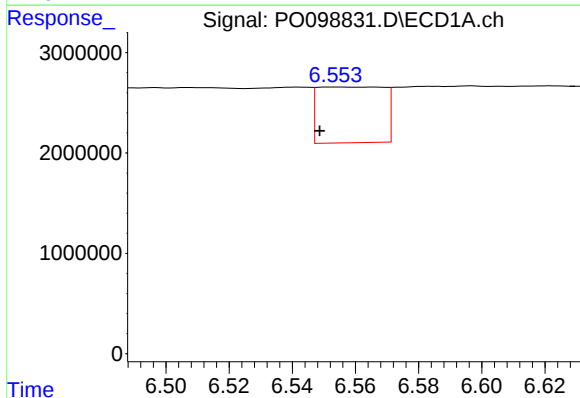
R.T.: 6.162 min
Delta R.T.: 0.020 min
Response: 10087689
Conc: 178.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



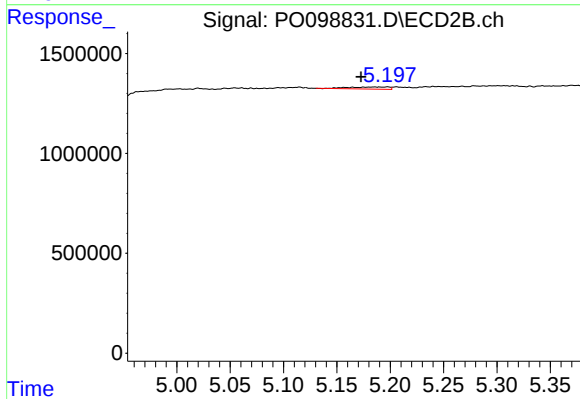
#23 AR-1248-3

R.T.: 5.003 min
Delta R.T.: 0.002 min
Response: 2682523
Conc: 114.25 ng/ml



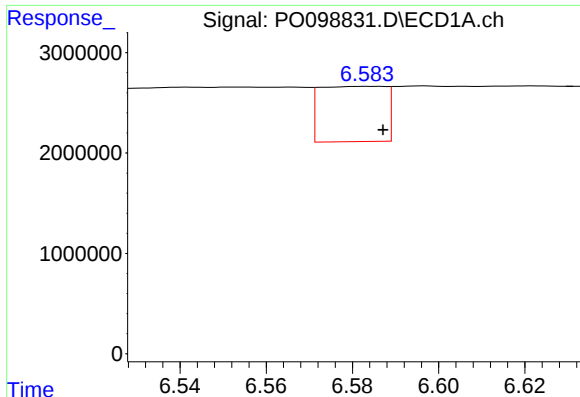
#24 AR-1248-4

R.T.: 6.554 min
Delta R.T.: 0.005 min
Response: 8038058
Conc: 141.79 ng/ml



#24 AR-1248-4

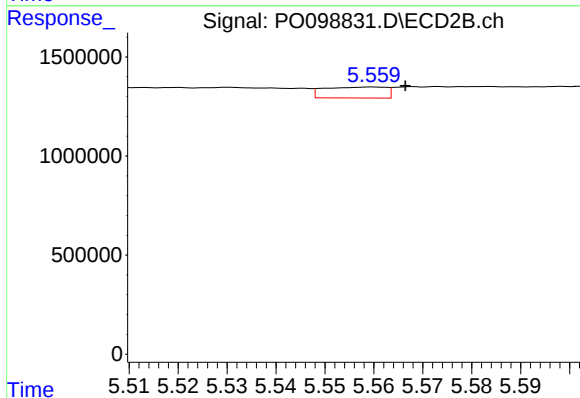
R.T.: 5.197 min
Delta R.T.: 0.024 min
Response: 277721
Conc: 10.41 ng/ml



#25 AR-1248-5

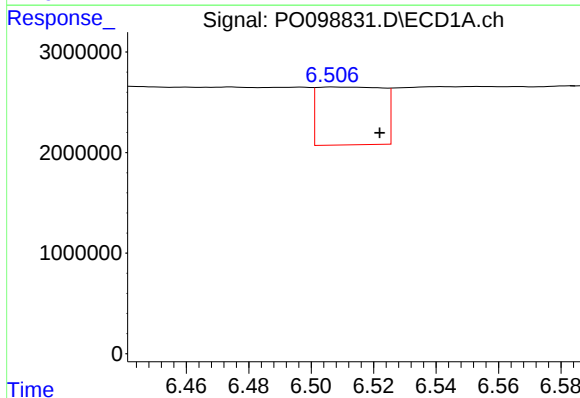
R.T.: 6.584 min
Delta R.T.: -0.004 min
Response: 5823813
Conc: 98.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



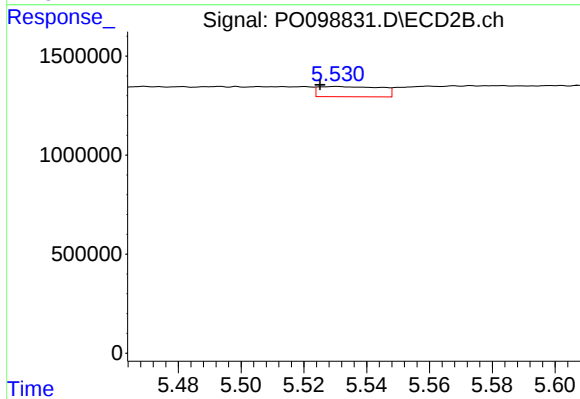
#25 AR-1248-5

R.T.: 5.560 min
Delta R.T.: -0.007 min
Response: 486026
Conc: 20.60 ng/ml



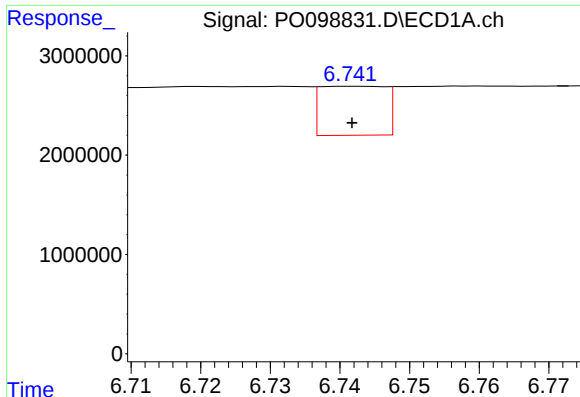
#26 AR-1254-1

R.T.: 6.507 min
Delta R.T.: -0.015 min
Response: 8370270
Conc: 132.52 ng/ml



#26 AR-1254-1

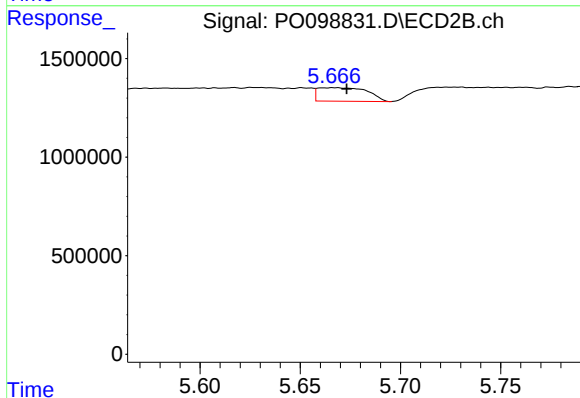
R.T.: 5.530 min
Delta R.T.: 0.005 min
Response: 712075
Conc: 18.57 ng/ml



#27 AR-1254-2

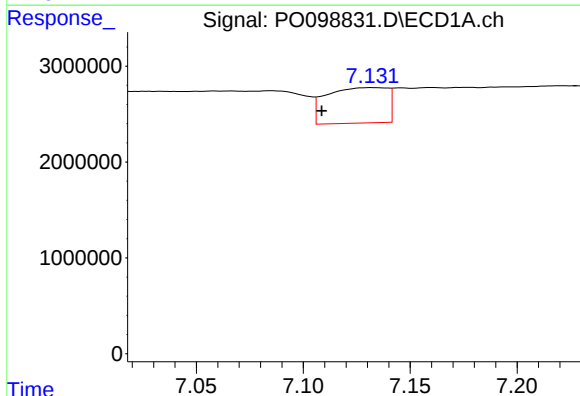
R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 3210203
Conc: 33.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



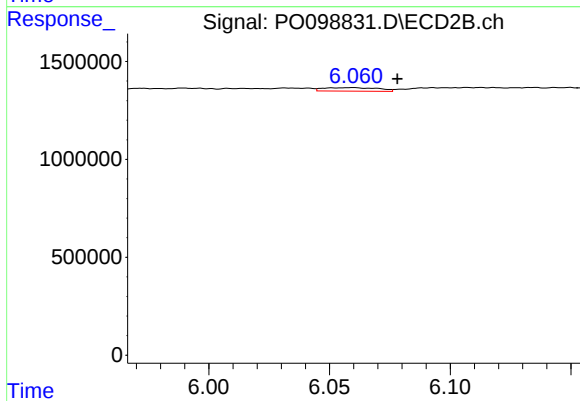
#27 AR-1254-2

R.T.: 5.667 min
Delta R.T.: -0.006 min
Response: 1175419
Conc: 34.14 ng/ml



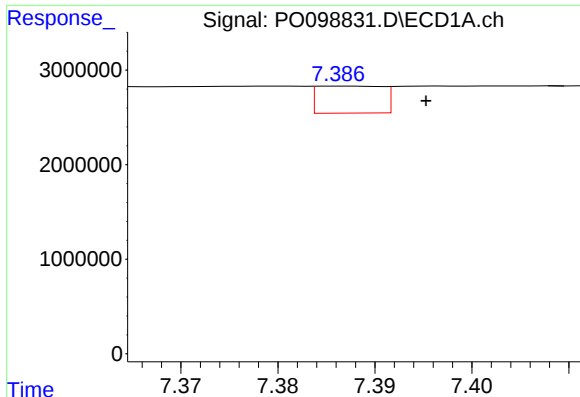
#28 AR-1254-3

R.T.: 7.132 min
Delta R.T.: 0.023 min
Response: 7321039
Conc: 77.81 ng/ml



#28 AR-1254-3

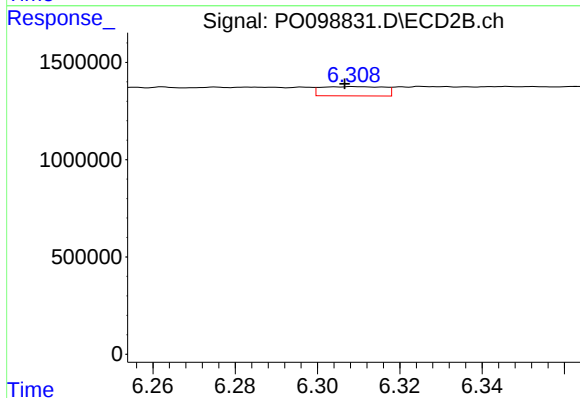
R.T.: 6.059 min
Delta R.T.: -0.019 min
Response: 285021
Conc: 5.49 ng/ml



#29 AR-1254-4

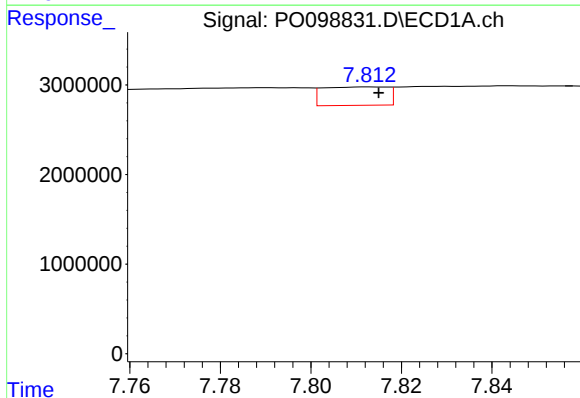
R.T.: 7.386 min
Delta R.T.: -0.009 min
Response: 1346769
Conc: 23.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



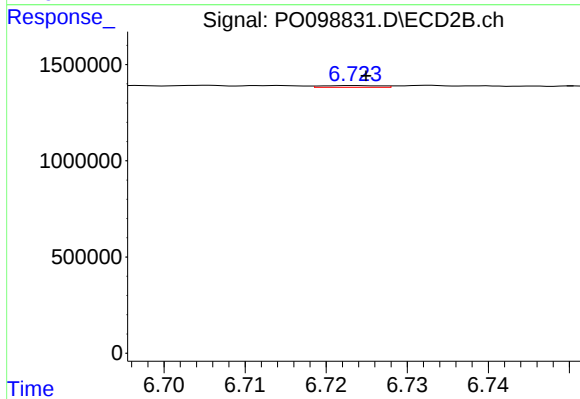
#29 AR-1254-4

R.T.: 6.309 min
Delta R.T.: 0.002 min
Response: 503371
Conc: 18.34 ng/ml



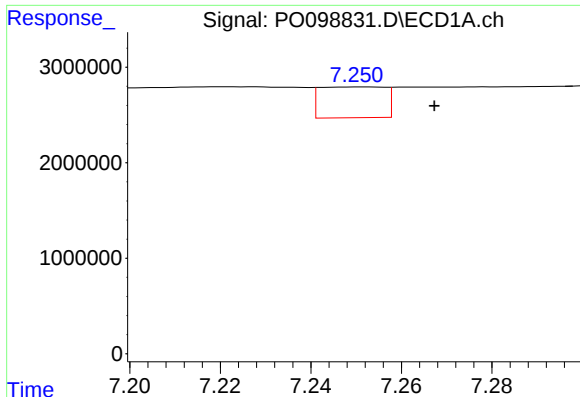
#30 AR-1254-5

R.T.: 7.813 min
Delta R.T.: -0.002 min
Response: 2055893
Conc: 29.44 ng/ml



#30 AR-1254-5

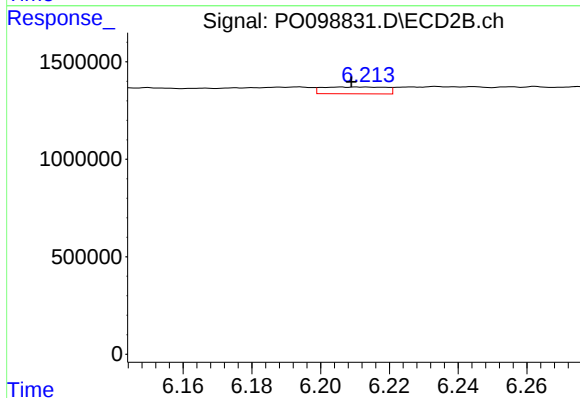
R.T.: 6.724 min
Delta R.T.: -0.001 min
Response: 46664
Conc: 1.08 ng/ml



#31 AR-1260-1

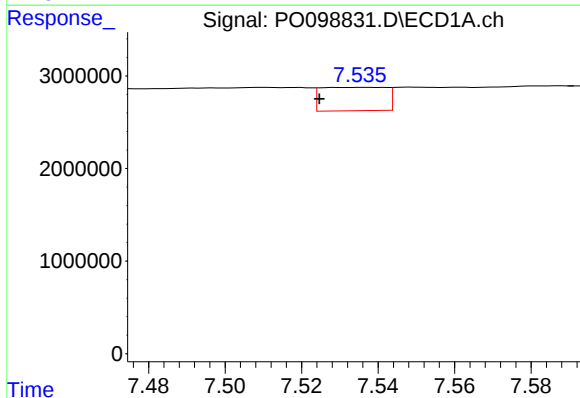
R.T.: 7.251 min
Delta R.T.: -0.016 min
Response: 3205095
Conc: 44.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



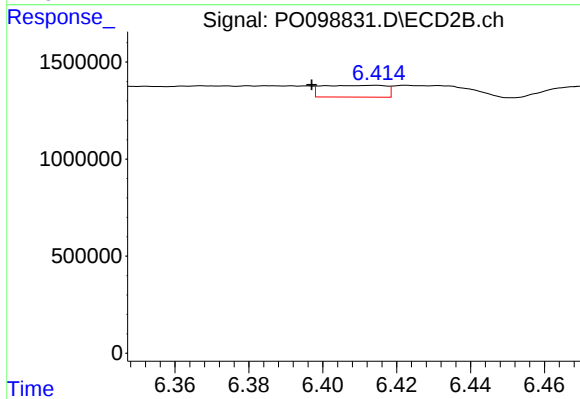
#31 AR-1260-1

R.T.: 6.206 min
Delta R.T.: -0.003 min
Response: 446803
Conc: 12.18 ng/ml



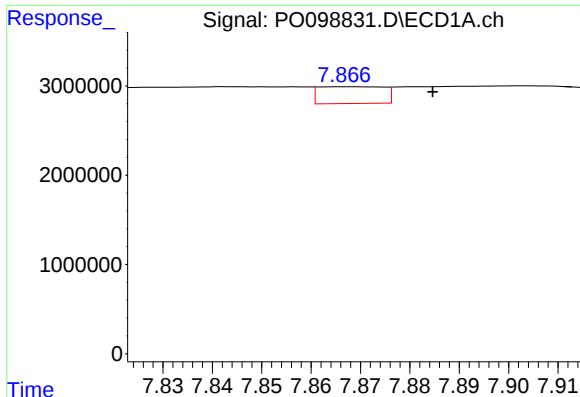
#32 AR-1260-2

R.T.: 7.536 min
Delta R.T.: 0.011 min
Response: 2984339
Conc: 36.24 ng/ml



#32 AR-1260-2

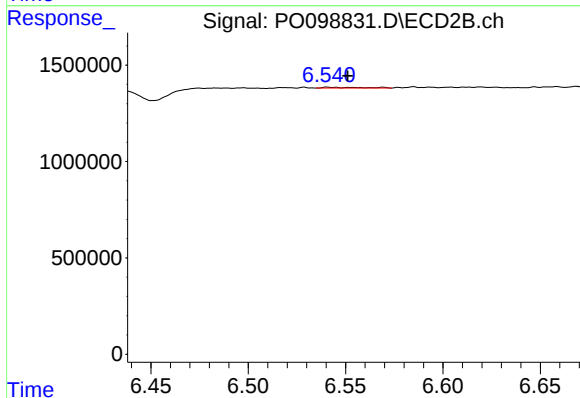
R.T.: 6.414 min
Delta R.T.: 0.017 min
Response: 719604
Conc: 17.15 ng/ml



#33 AR-1260-3

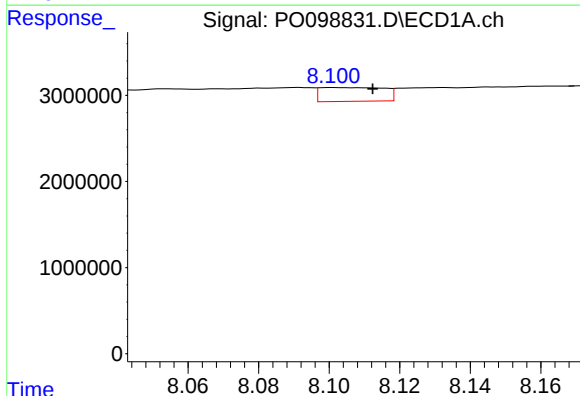
R.T.: 7.868 min
Delta R.T.: -0.017 min
Response: 1722442
Conc: 27.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



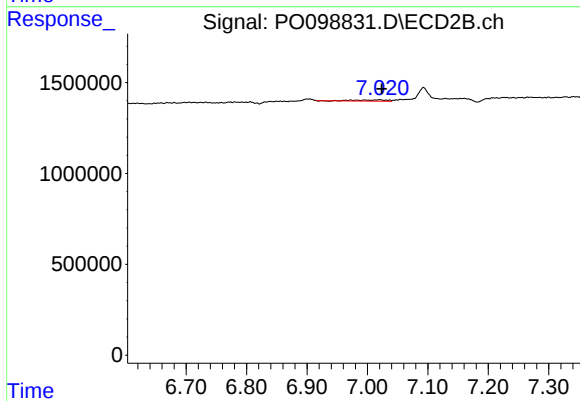
#33 AR-1260-3

R.T.: 6.541 min
Delta R.T.: -0.010 min
Response: 64998
Conc: 1.62 ng/ml



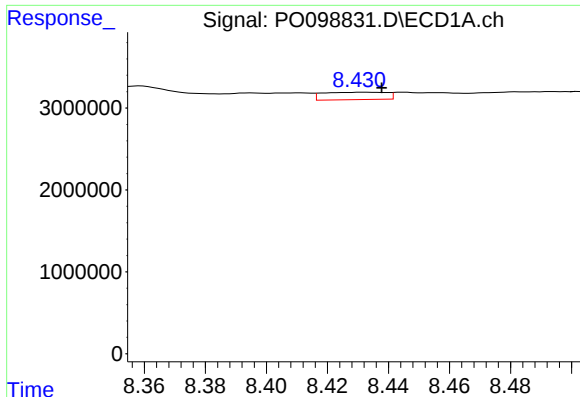
#34 AR-1260-4

R.T.: 8.101 min
Delta R.T.: -0.011 min
Response: 2029821
Conc: 30.11 ng/ml



#34 AR-1260-4

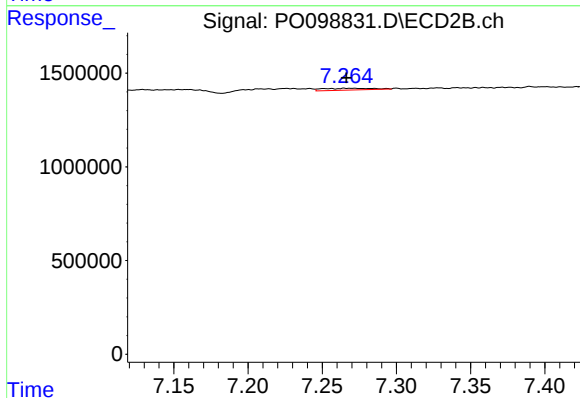
R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 228121
Conc: 7.08 ng/ml



#35 AR-1260-5

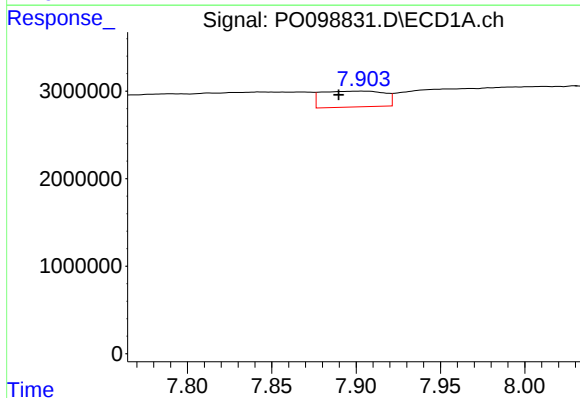
R.T.: 8.432 min
Delta R.T.: -0.006 min
Response: 1299998
Conc: 10.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



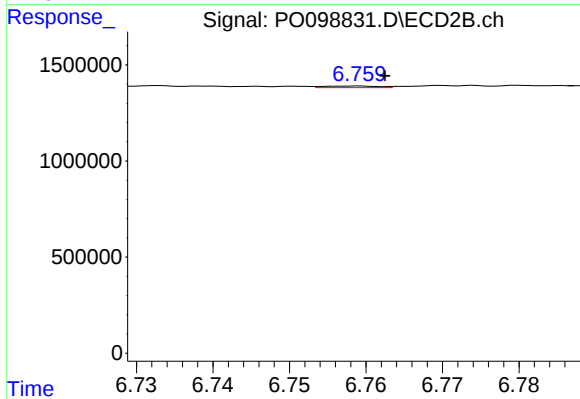
#35 AR-1260-5

R.T.: 7.269 min
Delta R.T.: 0.003 min
Response: 214367
Conc: 3.06 ng/ml



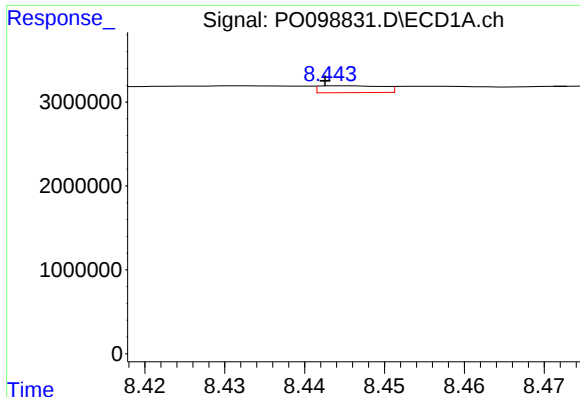
#36 AR-1262-1

R.T.: 7.904 min
Delta R.T.: 0.014 min
Response: 4680865
Conc: 53.82 ng/ml



#36 AR-1262-1

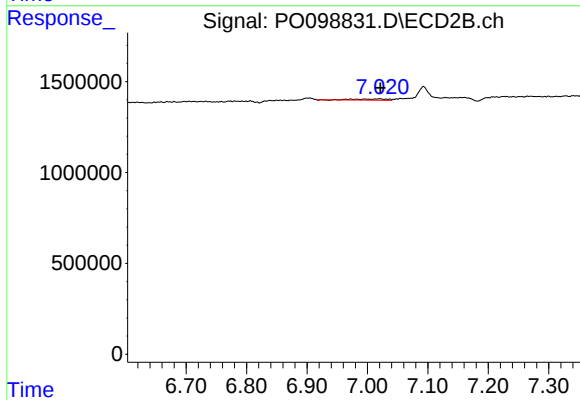
R.T.: 6.758 min
Delta R.T.: -0.004 min
Response: 41579
Conc: 0.92 ng/ml



#37 AR-1262-2

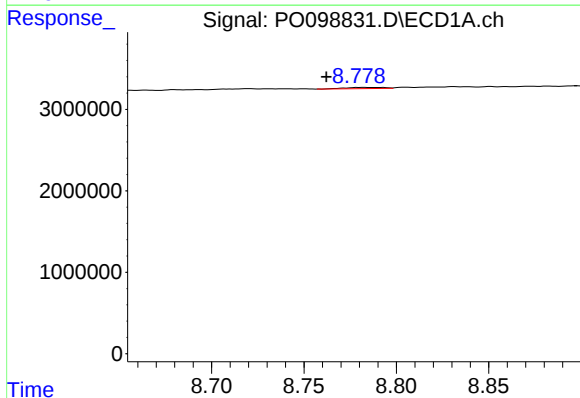
R.T.: 8.445 min
Delta R.T.: 0.002 min
Response: 453856
Conc: 3.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



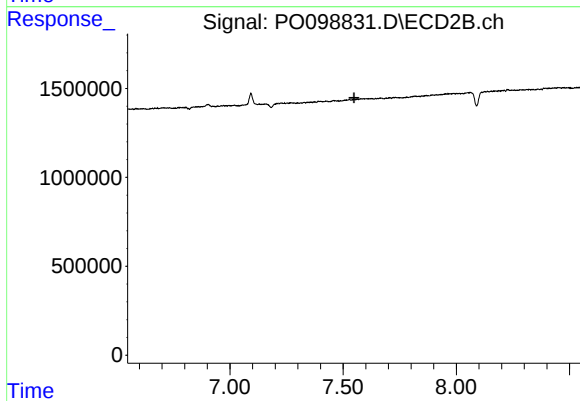
#37 AR-1262-2

R.T.: 7.020 min
Delta R.T.: -0.002 min
Response: 228121
Conc: 5.66 ng/ml



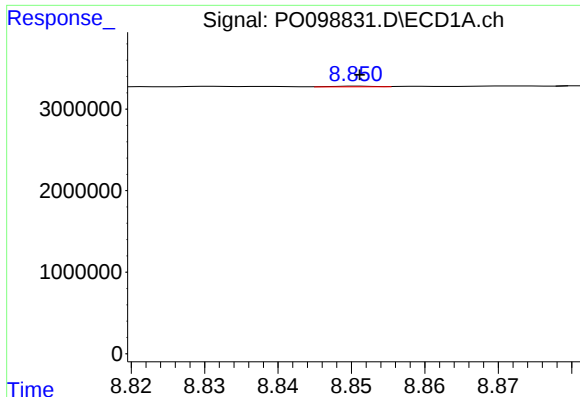
#38 AR-1262-3

R.T.: 8.783 min
Delta R.T.: 0.020 min
Response: 204748
Conc: 2.07 ng/ml



#38 AR-1262-3

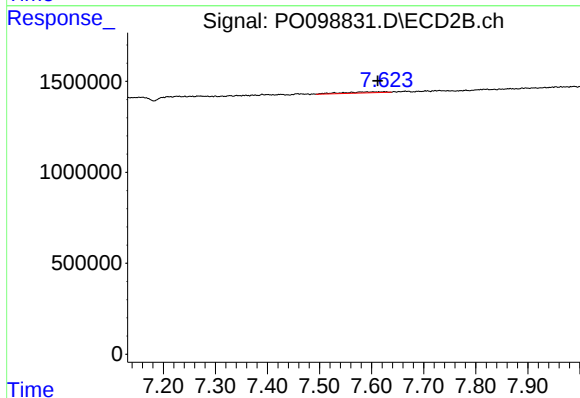
R.T.: 0.000 min
Exp R.T.: 7.548 min
Response: 0
Conc: N.D.



#39 AR-1262-4

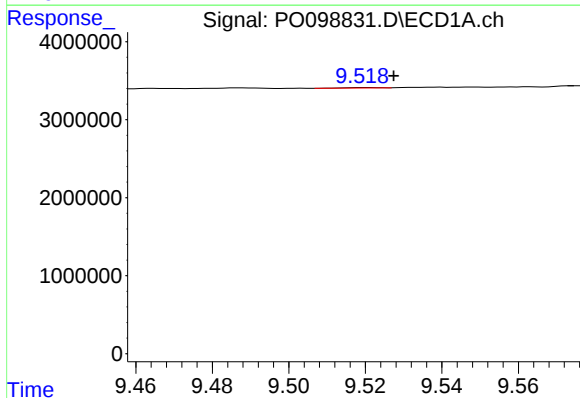
R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 32770
Conc: 0.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



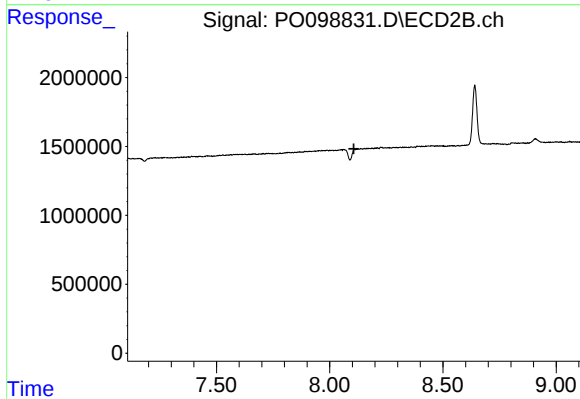
#39 AR-1262-4

R.T.: 7.625 min
Delta R.T.: 0.013 min
Response: 349343
Conc: 6.45 ng/ml



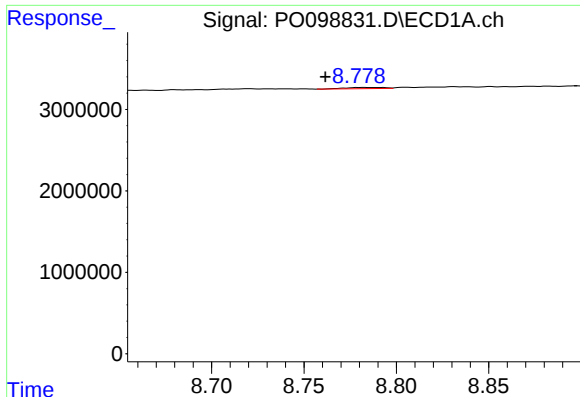
#40 AR-1262-5

R.T.: 9.520 min
Delta R.T.: -0.008 min
Response: 36092
Conc: 0.74 ng/ml



#40 AR-1262-5

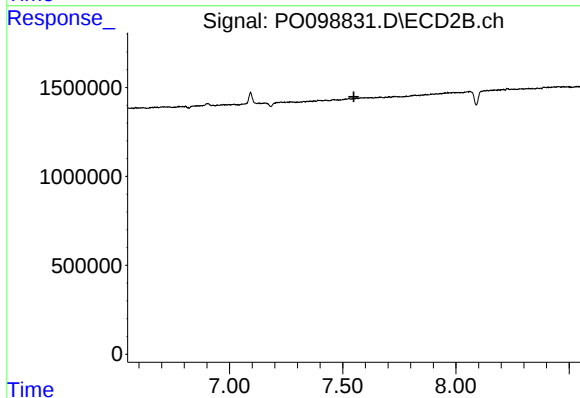
R.T.: 0.000 min
Exp R.T. : 8.107 min
Response: 0
Conc: N.D.



#41 AR-1268-1

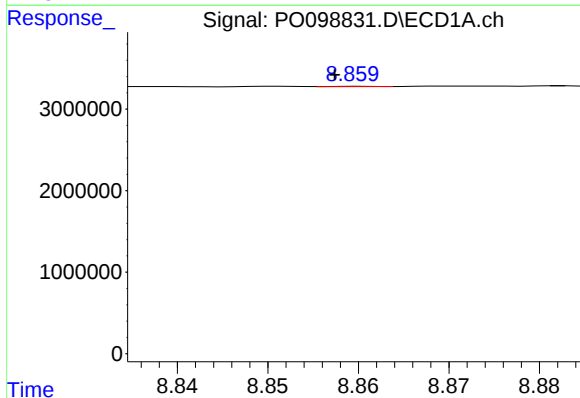
R.T.: 8.783 min
Delta R.T.: 0.021 min
Response: 204748
Conc: 1.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



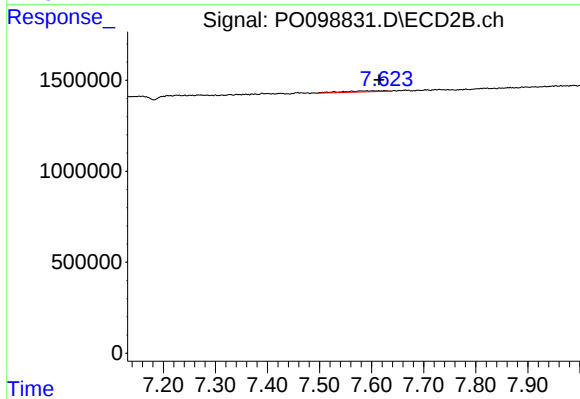
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.550 min
Response: 0
Conc: N.D.



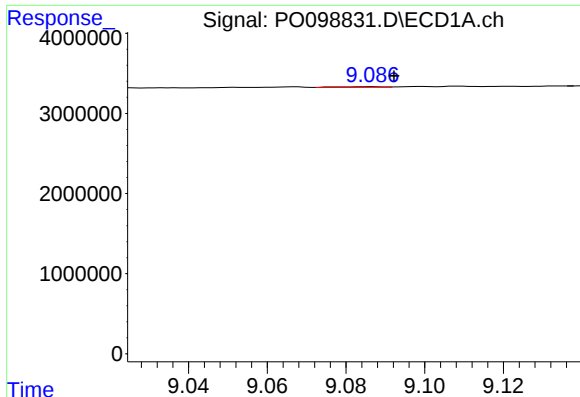
#42 AR-1268-2

R.T.: 8.860 min
Delta R.T.: 0.002 min
Response: 17038
Conc: 0.11 ng/ml



#42 AR-1268-2

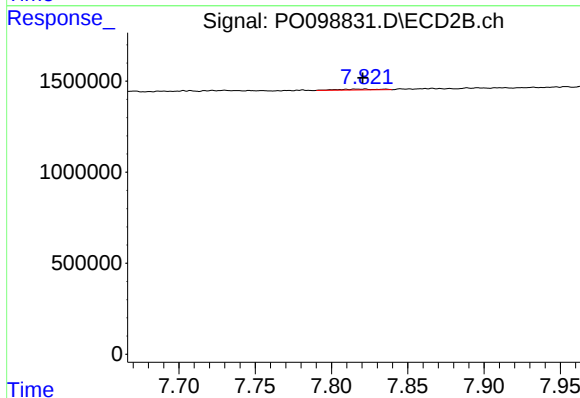
R.T.: 7.625 min
Delta R.T.: 0.010 min
Response: 349343
Conc: 4.51 ng/ml



#43 AR-1268-3

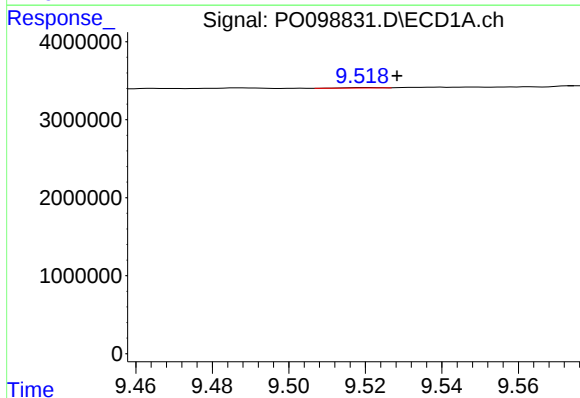
R.T.: 9.086 min
Delta R.T.: -0.006 min
Response: 75075
Conc: 0.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



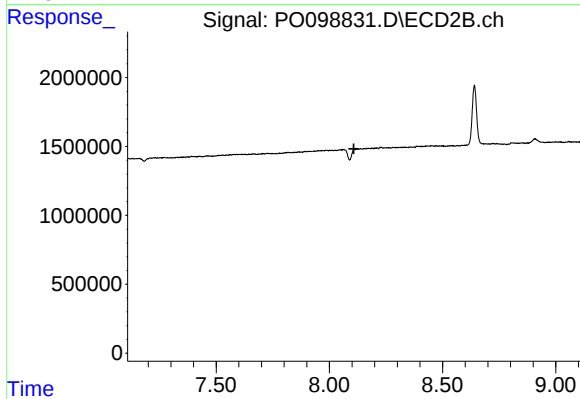
#43 AR-1268-3

R.T.: 7.819 min
Delta R.T.: -0.002 min
Response: 94607
Conc: 1.43 ng/ml



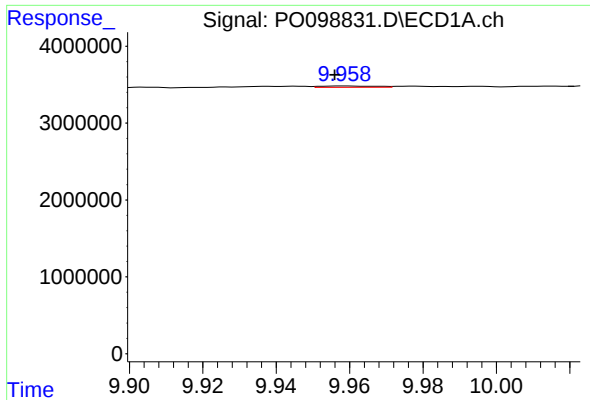
#44 AR-1268-4

R.T.: 9.520 min
Delta R.T.: -0.008 min
Response: 36092
Conc: 0.68 ng/ml



#44 AR-1268-4

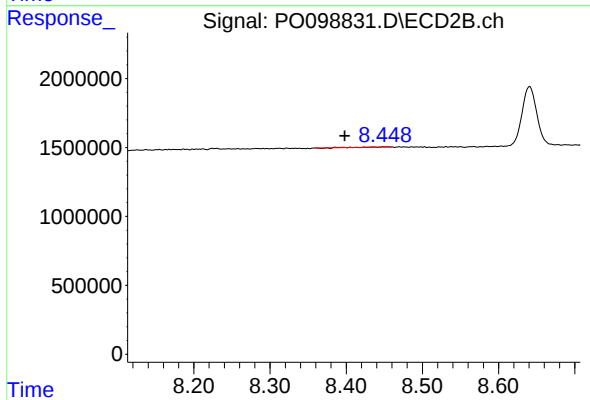
R.T.: 0.000 min
Exp R.T. : 8.109 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.958 min
Delta R.T.: 0.002 min
Response: 185125
Conc: 0.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.435 min
Delta R.T.: 0.037 min
Response: 39471
Conc: 0.20 ng/ml