

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081023\
 Data File : P0096910.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 11:54
 Operator : YP/AJ
 Sample : 03572-09
 Misc : AR1268 MDL 25 PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 21:36:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.412	3.619	55020135	22515388	16.621	17.008
2)	SA Decachlor...	10.355	8.641	44756662	24062060	20.454	20.798
Target Compounds							
3)	L1 AR-1016-1	5.596	4.724	65507	133519	0.696	3.012 #
4)	L1 AR-1016-2	5.624	4.724	207530	133519	1.551	2.183 #
5)	L1 AR-1016-3	5.685	0.000	173927	0	1.999	N.D. #
6)	L1 AR-1016-4	5.782	0.000	28831	0	0.429	N.D. #
7)	L1 AR-1016-5	6.070	0.000	28857	0	0.413	N.D. #
8)	L2 AR-1221-1	4.621	0.000	95804	0	2.351	N.D. #
9)	L2 AR-1221-2	4.691	3.919	39622	339886	1.304	26.306 #
10)	L2 AR-1221-3	4.787	3.965	74159	118320	0.847	2.981 #
11)	L3 AR-1232-1	4.787	3.965	74159	118320	1.017	3.658 #
12)	L3 AR-1232-2	5.324	4.724	126576	133519	3.193	4.628 #
13)	L3 AR-1232-3	5.624	0.000	207530	0	3.393	N.D. #
14)	L3 AR-1232-4	5.782	0.000	28831	0	0.945	N.D. #
15)	L3 AR-1232-5	5.876	0.000	145287	0	5.192	N.D. #
16)	L4 AR-1242-1	5.596	4.724	65507	133519	0.782	3.387 #
17)	L4 AR-1242-2	5.624	4.724	207530	133519	1.762	2.450 #
18)	L4 AR-1242-3	5.685	0.000	173927	0	2.354	N.D. #
19)	L4 AR-1242-4	5.782	0.000	28831	0	0.484	N.D. #
20)	L4 AR-1242-5	6.514	5.510	10291	131178	0.187	3.600 #
21)	L5 AR-1248-1	5.596	4.724	65507	133519	1.118	4.758 #
22)	L5 AR-1248-2	5.876	0.000	145287	0	1.545	N.D. #
23)	L5 AR-1248-3	6.070	0.000	28857	0	0.295	N.D. #
24)	L5 AR-1248-4	6.500	0.000	116890	0	1.287	N.D. #
25)	L5 AR-1248-5	6.514	5.510f	10291	131178	0.117	2.806 #
26)	L6 AR-1254-1	6.469	5.510	169430	131178	1.550	1.778
27)	L6 AR-1254-2	6.683	5.647	31794	186865	0.197	2.836 #
28)	L6 AR-1254-3	7.070	6.087	947725	1074591	6.048	10.633 #
29)	L6 AR-1254-4	7.360	0.000	210178	0	2.085	N.D. #
30)	L6 AR-1254-5	7.791	6.749f	602099	1388995	5.366	15.799 #
31)	L7 AR-1260-1	7.255	0.000	536078	0	4.265	N.D. #
32)	L7 AR-1260-2	7.483	6.369	82465	526935	0.612	6.313 #
33)	L7 AR-1260-3	7.876	0.000	2170614	0	20.917	N.D. #
34)	L7 AR-1260-4	8.076	7.004	351747	1658656	3.146	25.883 #
35)	L7 AR-1260-5	8.418	7.252	214629	980637	1.022	7.074 #
36)	L8 AR-1262-1	7.876	6.822	2170614	997421	14.614	25.335 #
37)	L8 AR-1262-2	8.418	7.004	214629	1658656	0.927	20.451 #
38)	L8 AR-1262-3	8.769	7.537	6322568	3906349	37.905	60.872 #
39)	L8 AR-1262-4	8.867	7.601	5835677	3520476	80.043	30.990 #
40)	L8 AR-1262-5	9.558	8.097	1976695	1229085	23.736	23.403
41)	L9 AR-1268-1	8.769	7.537	6322568	3906349	20.568	21.082

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081023\
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 Misc : AR1268 MDL 25 PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

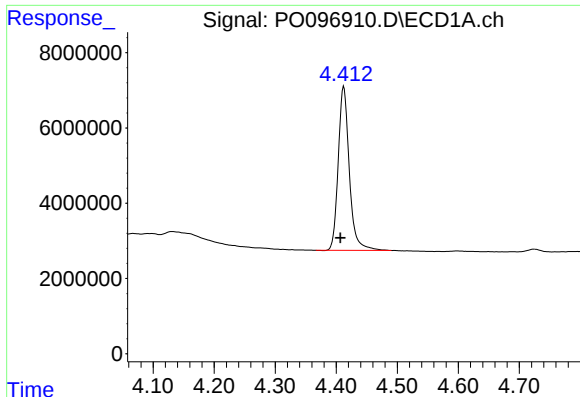
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

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

42) L9	AR-1268-2	8.867	7.601	5835677	3520476	21.283	20.994
43) L9	AR-1268-3	9.107	7.807	5493840	3162664	21.512	21.890
44) L9	AR-1268-4	9.558	8.097	1976695	1229085	21.321	20.632
45) L9	AR-1268-5	9.996	8.388	15929298	9304308	19.720	22.370

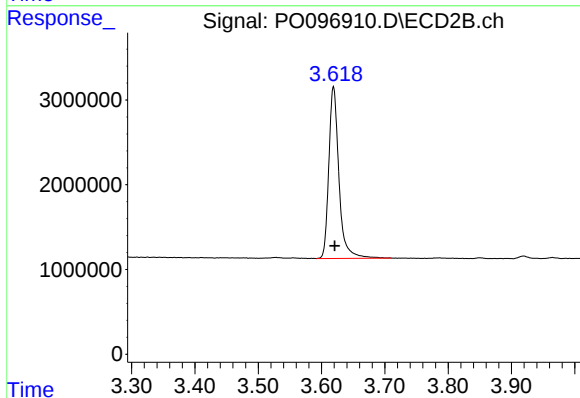
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

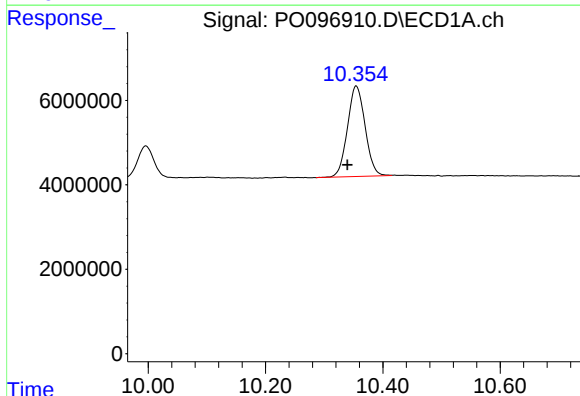
R.T.: 4.412 min
Delta R.T.: 0.005 min
Response: 55020135
Conc: 16.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



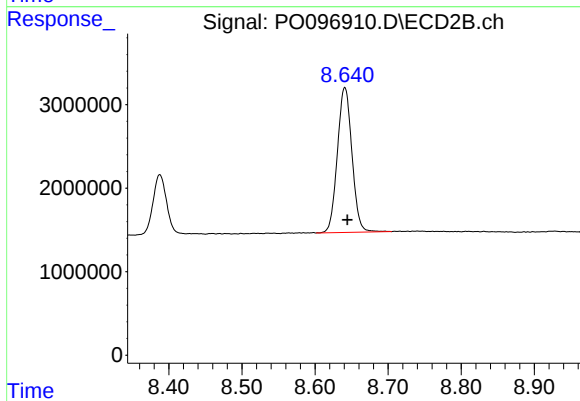
#1 Tetrachloro-m-xylene

R.T.: 3.619 min
Delta R.T.: -0.002 min
Response: 22515388
Conc: 17.01 ng/ml



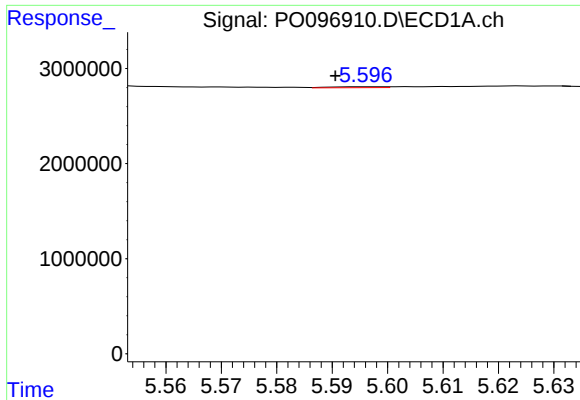
#2 Decachlorobiphenyl

R.T.: 10.355 min
Delta R.T.: 0.015 min
Response: 44756662
Conc: 20.45 ng/ml



#2 Decachlorobiphenyl

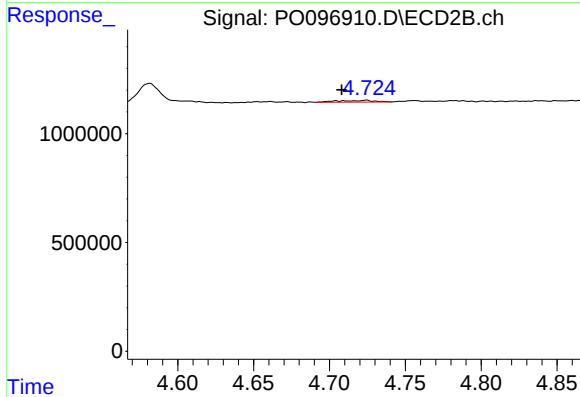
R.T.: 8.641 min
Delta R.T.: -0.003 min
Response: 24062060
Conc: 20.80 ng/ml



#3 AR-1016-1

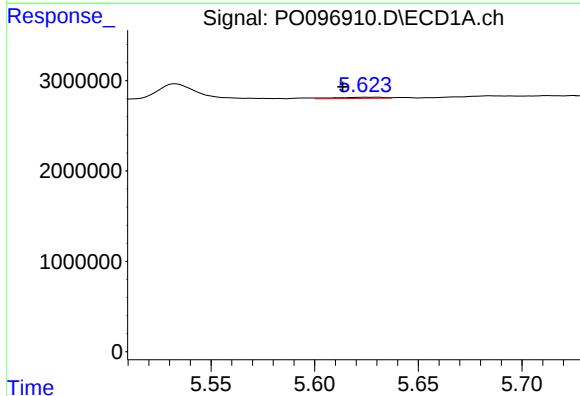
R.T.: 5.596 min
Delta R.T.: 0.006 min
Response: 65507
Conc: 0.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



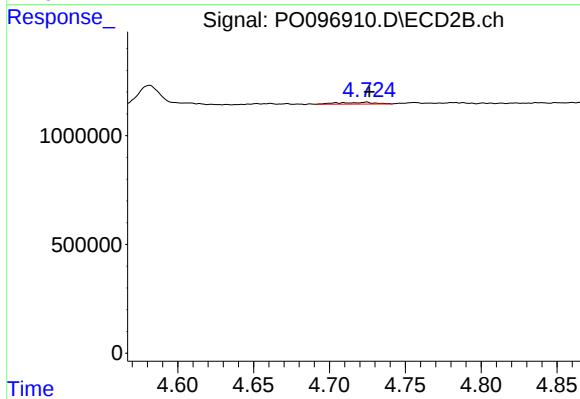
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: 0.016 min
Response: 133519
Conc: 3.01 ng/ml



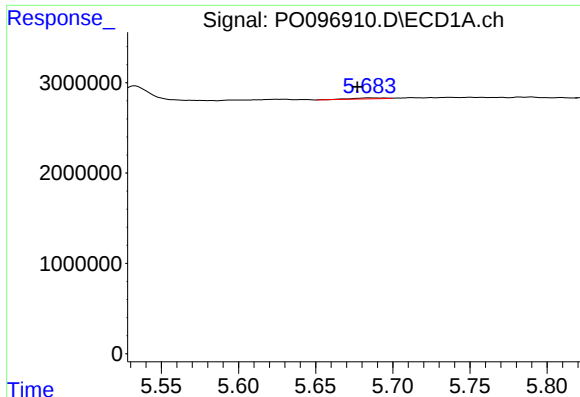
#4 AR-1016-2

R.T.: 5.624 min
Delta R.T.: 0.011 min
Response: 207530
Conc: 1.55 ng/ml



#4 AR-1016-2

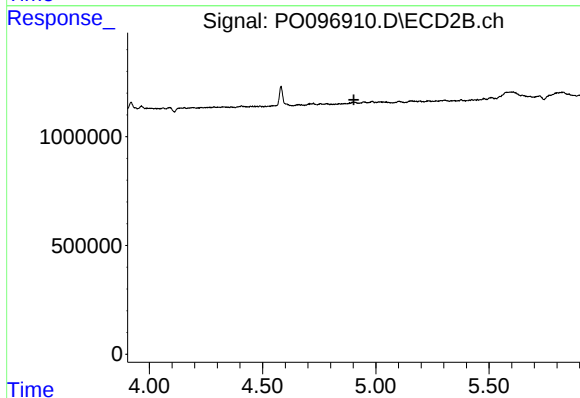
R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 133519
Conc: 2.18 ng/ml



#5 AR-1016-3

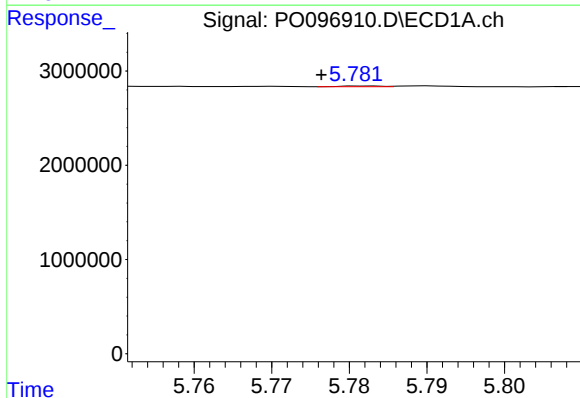
R.T.: 5.685 min
Delta R.T.: 0.008 min
Response: 173927
Conc: 2.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



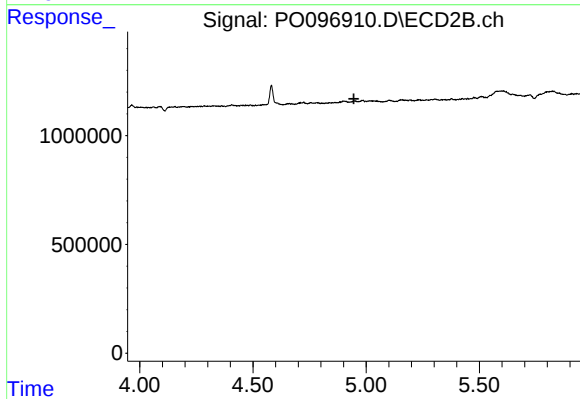
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.903 min
Response: 0
Conc: N.D.



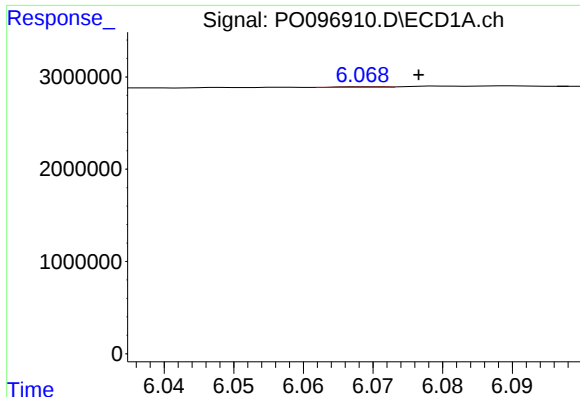
#6 AR-1016-4

R.T.: 5.782 min
Delta R.T.: 0.006 min
Response: 28831
Conc: 0.43 ng/ml



#6 AR-1016-4

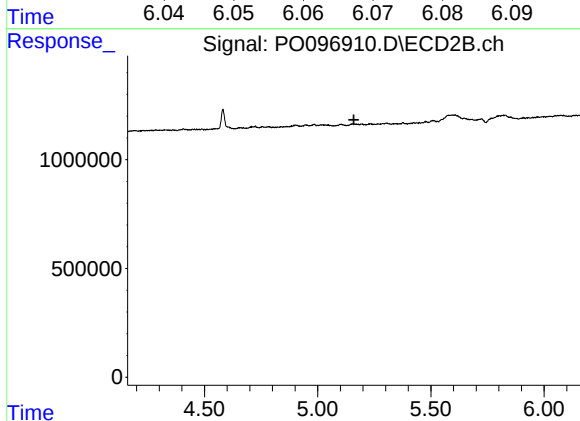
R.T.: 0.000 min
Exp R.T. : 4.946 min
Response: 0
Conc: N.D.



#7 AR-1016-5

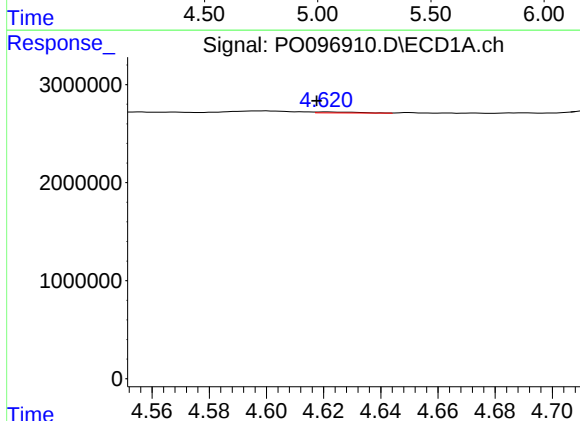
R.T.: 6.070 min
Delta R.T.: -0.007 min
Response: 28857
Conc: 0.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



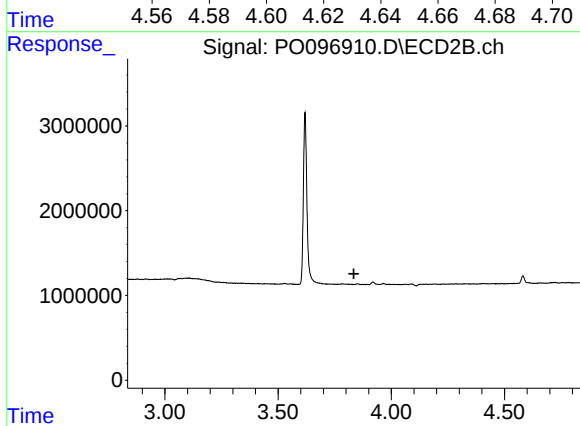
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.160 min
Response: 0
Conc: N.D.



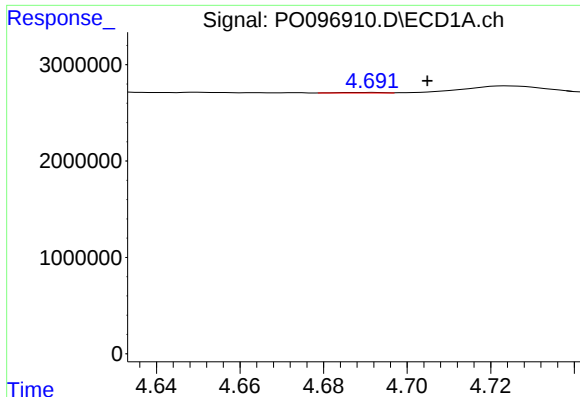
#8 AR-1221-1

R.T.: 4.621 min
Delta R.T.: 0.003 min
Response: 95804
Conc: 2.35 ng/ml



#8 AR-1221-1

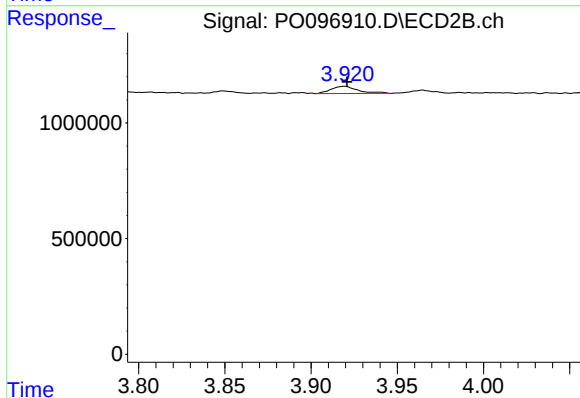
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

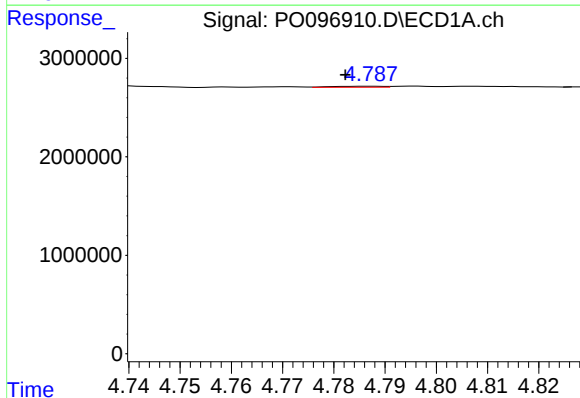
R.T.: 4.691 min
Delta R.T.: -0.014 min
Response: 39622
Conc: 1.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



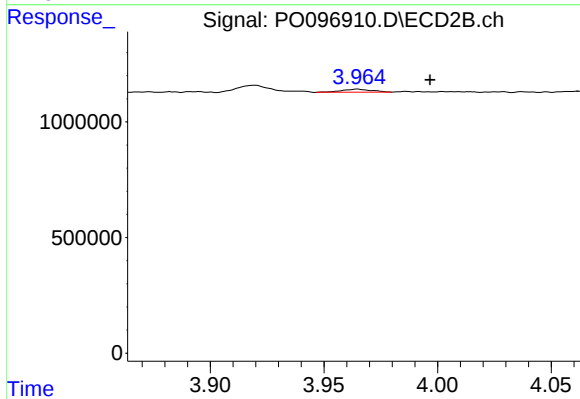
#9 AR-1221-2

R.T.: 3.919 min
Delta R.T.: -0.002 min
Response: 339886
Conc: 26.31 ng/ml



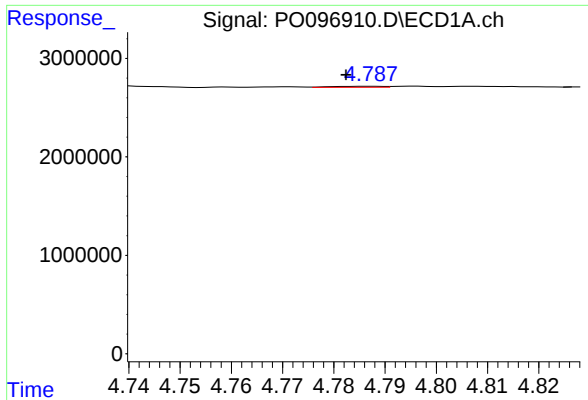
#10 AR-1221-3

R.T.: 4.787 min
Delta R.T.: 0.005 min
Response: 74159
Conc: 0.85 ng/ml



#10 AR-1221-3

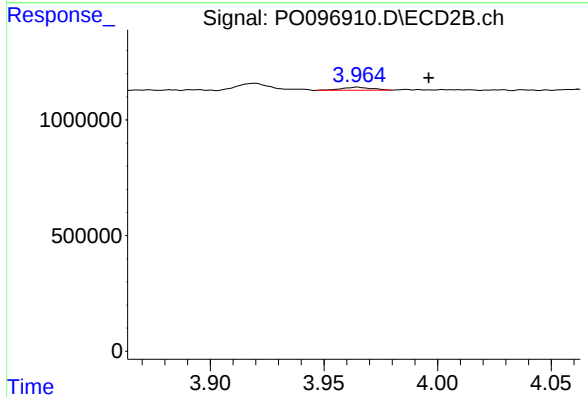
R.T.: 3.965 min
Delta R.T.: -0.032 min
Response: 118320
Conc: 2.98 ng/ml



#11 AR-1232-1

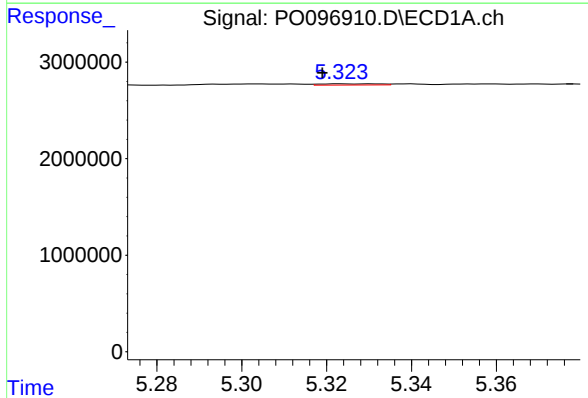
R.T.: 4.787 min
Delta R.T.: 0.005 min
Response: 74159
Conc: 1.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



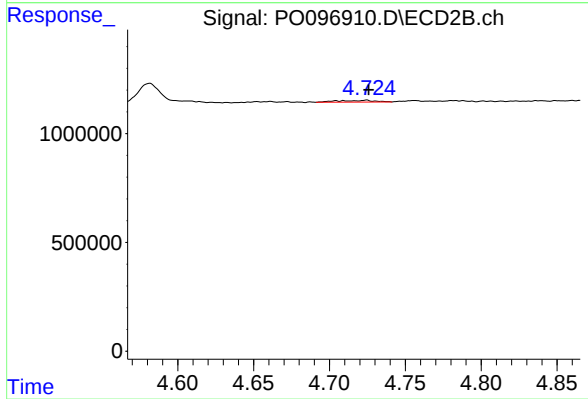
#11 AR-1232-1

R.T.: 3.965 min
Delta R.T.: -0.031 min
Response: 118320
Conc: 3.66 ng/ml



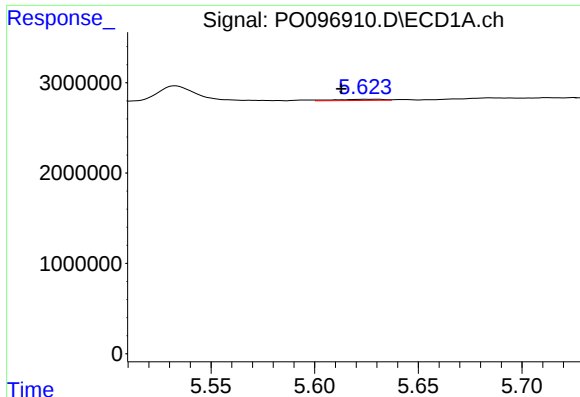
#12 AR-1232-2

R.T.: 5.324 min
Delta R.T.: 0.005 min
Response: 126576
Conc: 3.19 ng/ml



#12 AR-1232-2

R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 133519
Conc: 4.63 ng/ml



#13 AR-1232-3

R.T.: 5.624 min
Delta R.T.: 0.011 min
Response: 207530
Conc: 3.39 ng/ml

Instrument :
ECD_O
ClientSampleId :

#13 AR-1232-3

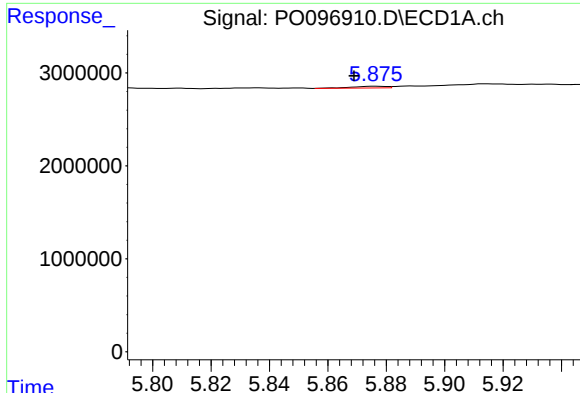
R.T.: 0.000 min
Exp R.T. : 4.902 min
Response: 0
Conc: N.D.

#14 AR-1232-4

R.T.: 5.782 min
Delta R.T.: 0.006 min
Response: 28831
Conc: 0.94 ng/ml

#14 AR-1232-4

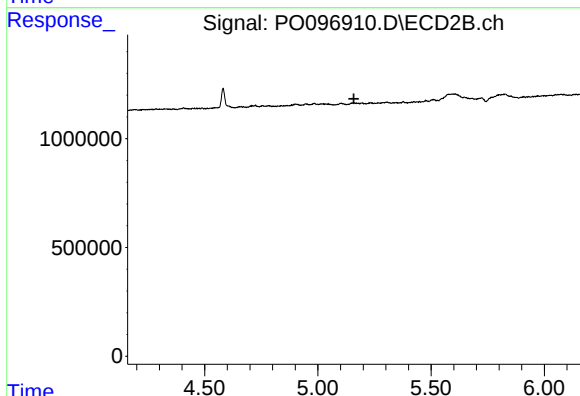
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#15 AR-1232-5

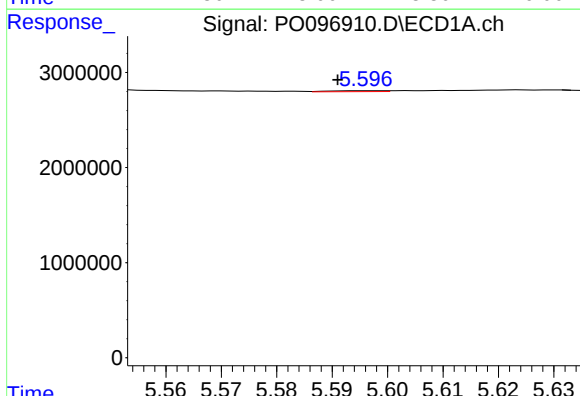
R.T.: 5.876 min
Delta R.T.: 0.007 min
Response: 145287
Conc: 5.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



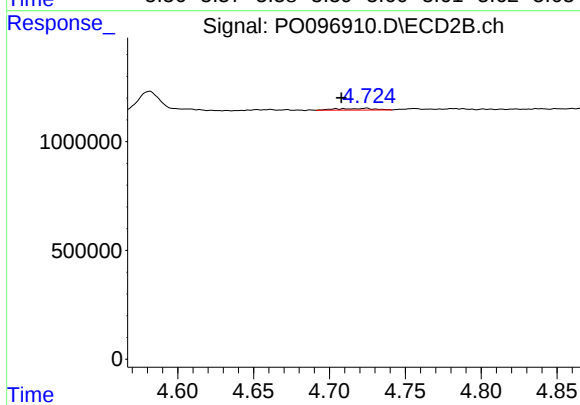
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.159 min
Response: 0
Conc: N.D.



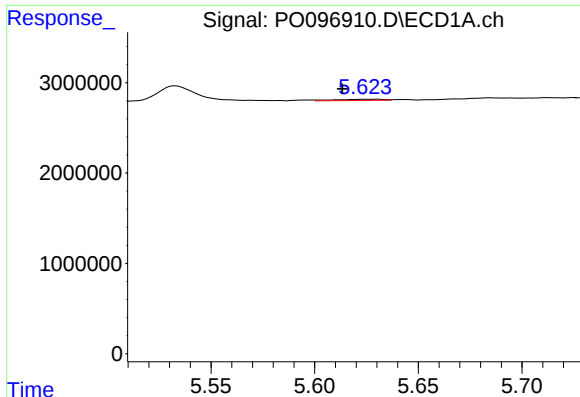
#16 AR-1242-1

R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 65507
Conc: 0.78 ng/ml



#16 AR-1242-1

R.T.: 4.724 min
Delta R.T.: 0.016 min
Response: 133519
Conc: 3.39 ng/ml



#17 AR-1242-2

R.T.: 5.624 min
Delta R.T.: 0.011 min
Response: 207530
Conc: 1.76 ng/ml

Instrument :
ECD_O
ClientSampleId :

#17 AR-1242-2

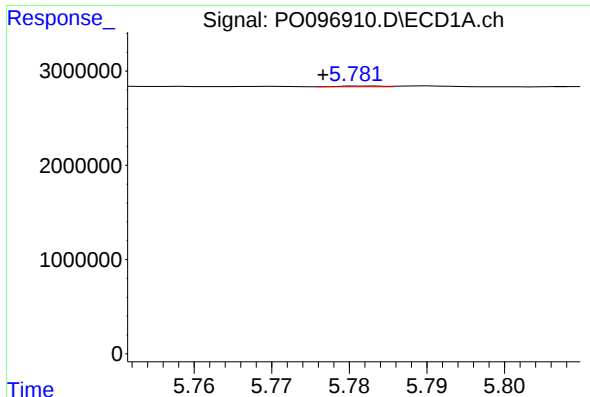
R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 133519
Conc: 2.45 ng/ml

#18 AR-1242-3

R.T.: 5.685 min
Delta R.T.: 0.008 min
Response: 173927
Conc: 2.35 ng/ml

#18 AR-1242-3

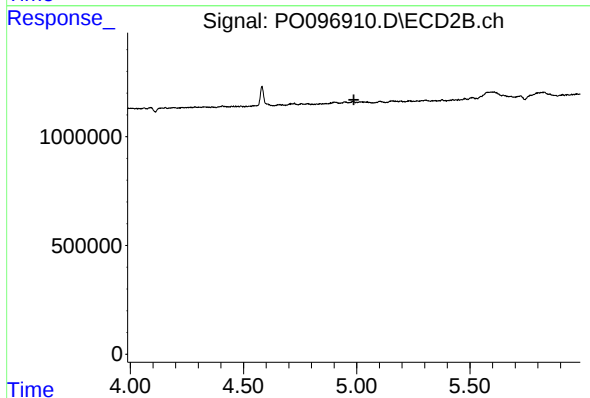
R.T.: 0.000 min
Exp R.T. : 4.903 min
Response: 0
Conc: N.D.



#19 AR-1242-4

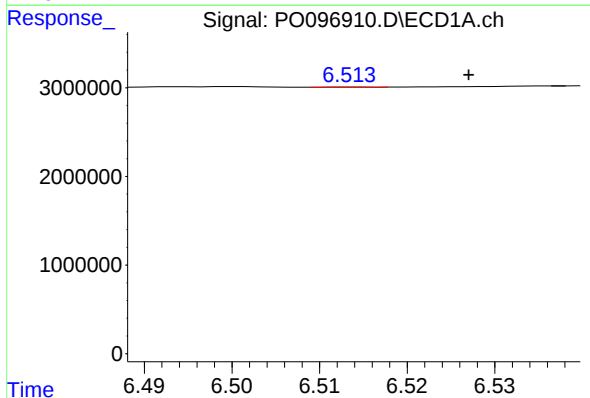
R.T.: 5.782 min
Delta R.T.: 0.006 min
Response: 28831
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



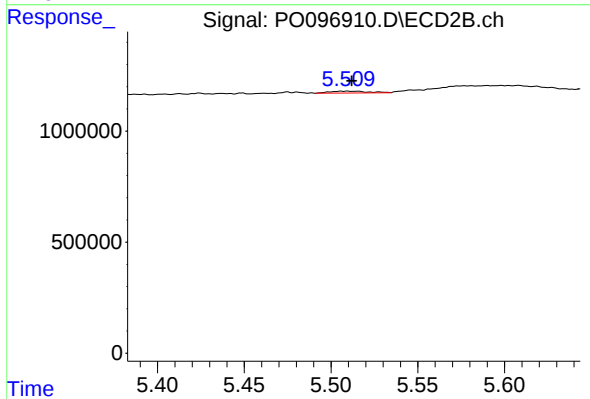
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



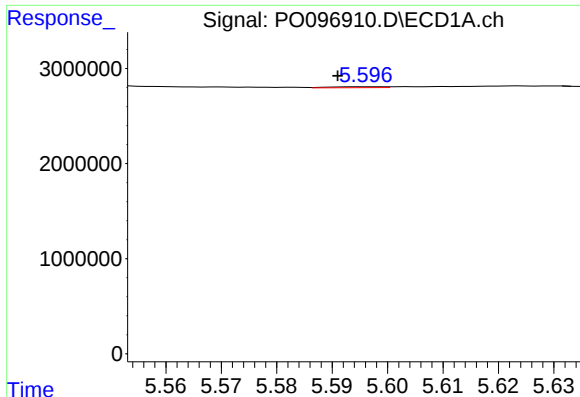
#20 AR-1242-5

R.T.: 6.514 min
Delta R.T.: -0.013 min
Response: 10291
Conc: 0.19 ng/ml



#20 AR-1242-5

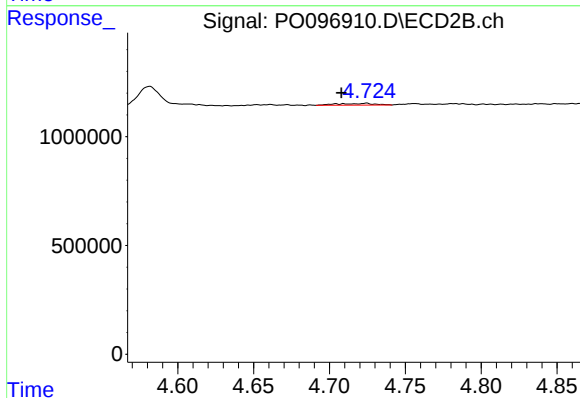
R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 131178
Conc: 3.60 ng/ml



#21 AR-1248-1

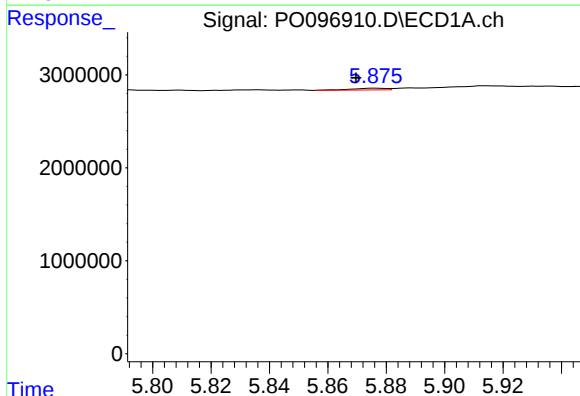
R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 65507
Conc: 1.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



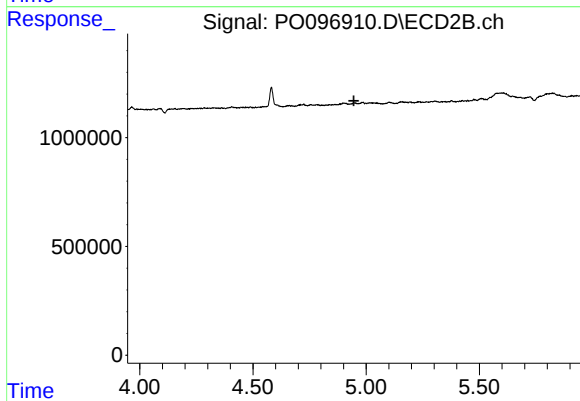
#21 AR-1248-1

R.T.: 4.724 min
Delta R.T.: 0.016 min
Response: 133519
Conc: 4.76 ng/ml



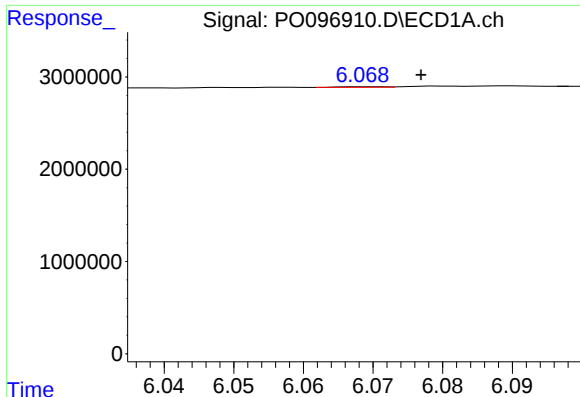
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: 0.007 min
Response: 145287
Conc: 1.55 ng/ml



#22 AR-1248-2

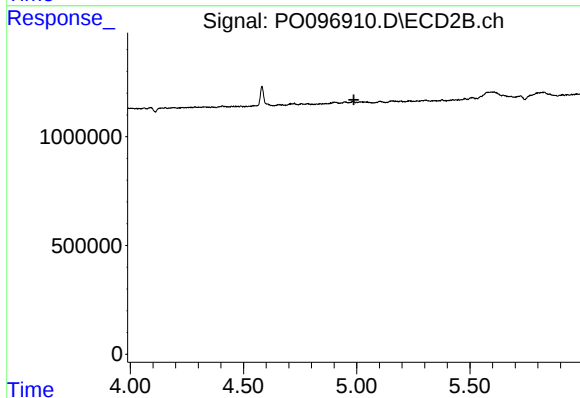
R.T.: 0.000 min
Exp R.T.: 4.946 min
Response: 0
Conc: N.D.



#23 AR-1248-3

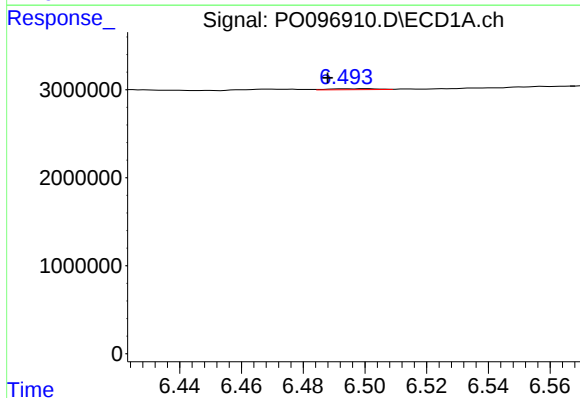
R.T.: 6.070 min
Delta R.T.: -0.007 min
Response: 28857
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



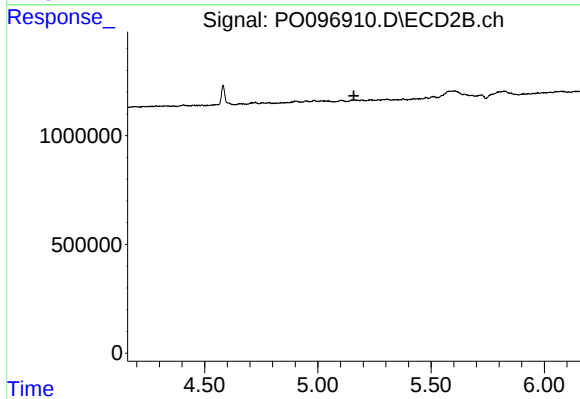
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



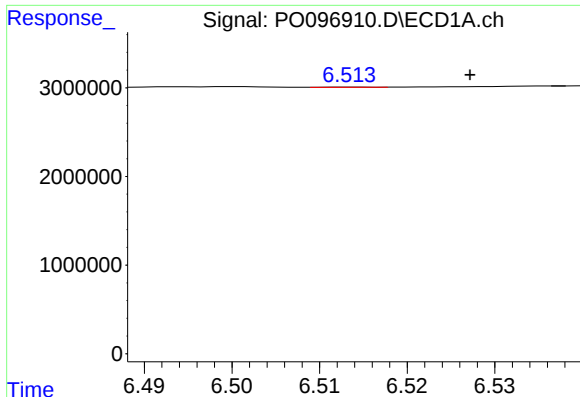
#24 AR-1248-4

R.T.: 6.500 min
Delta R.T.: 0.013 min
Response: 116890
Conc: 1.29 ng/ml



#24 AR-1248-4

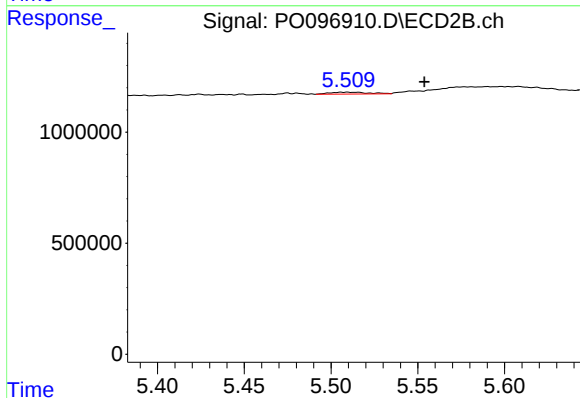
R.T.: 0.000 min
Exp R.T. : 5.159 min
Response: 0
Conc: N.D.



#25 AR-1248-5

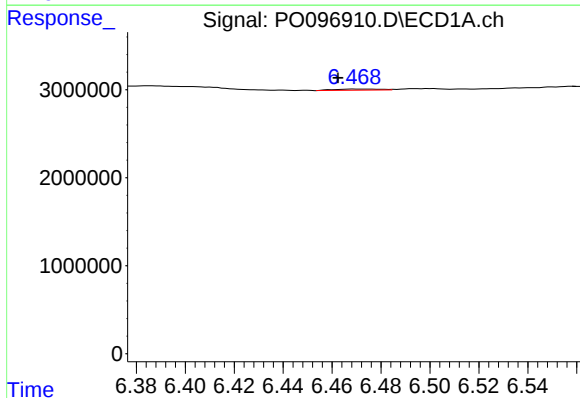
R.T.: 6.514 min
Delta R.T.: -0.013 min
Response: 10291
Conc: 0.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



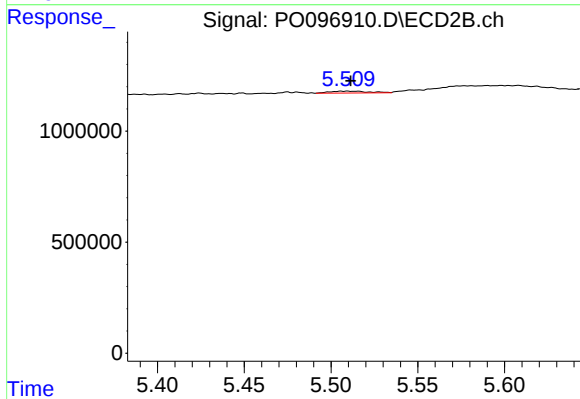
#25 AR-1248-5

R.T.: 5.510 min
Delta R.T.: -0.044 min
Response: 131178
Conc: 2.81 ng/ml



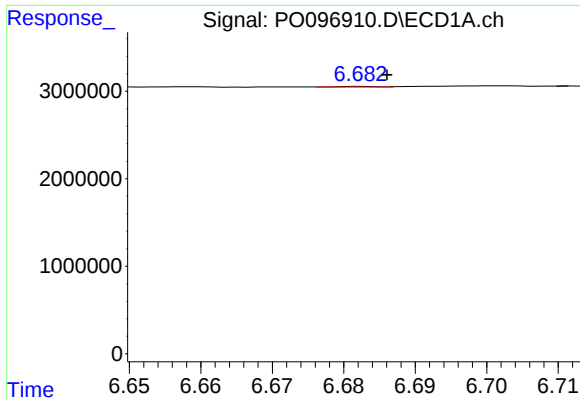
#26 AR-1254-1

R.T.: 6.469 min
Delta R.T.: 0.006 min
Response: 169430
Conc: 1.55 ng/ml



#26 AR-1254-1

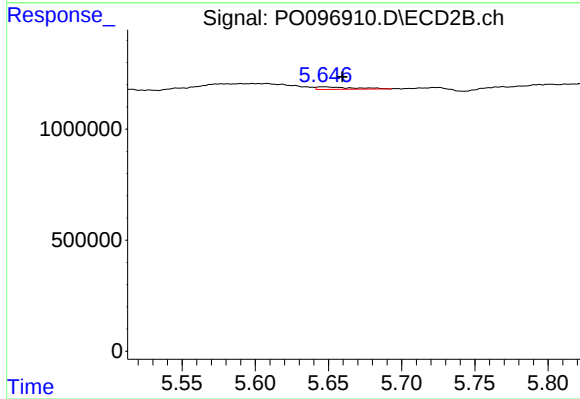
R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 131178
Conc: 1.78 ng/ml



#27 AR-1254-2

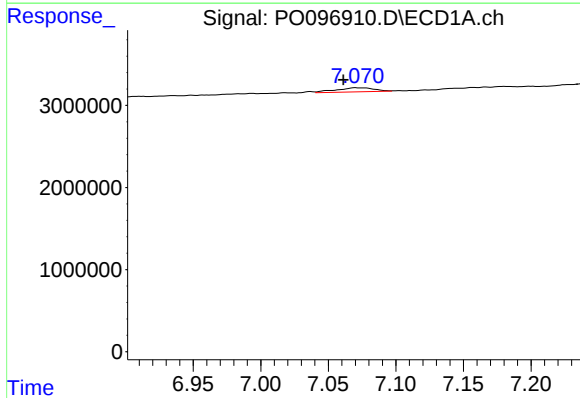
R.T.: 6.683 min
Delta R.T.: -0.003 min
Response: 31794
Conc: 0.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



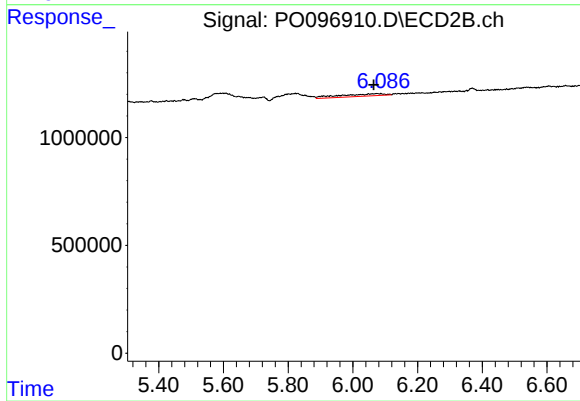
#27 AR-1254-2

R.T.: 5.647 min
Delta R.T.: -0.013 min
Response: 186865
Conc: 2.84 ng/ml



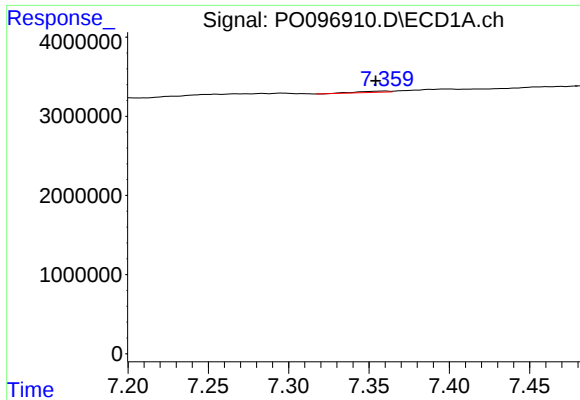
#28 AR-1254-3

R.T.: 7.070 min
Delta R.T.: 0.009 min
Response: 947725
Conc: 6.05 ng/ml



#28 AR-1254-3

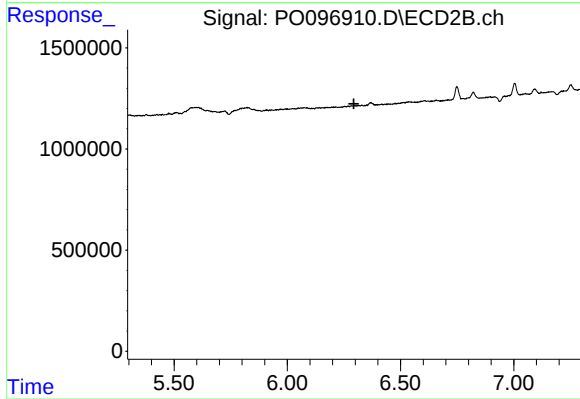
R.T.: 6.087 min
Delta R.T.: 0.021 min
Response: 1074591
Conc: 10.63 ng/ml



#29 AR-1254-4

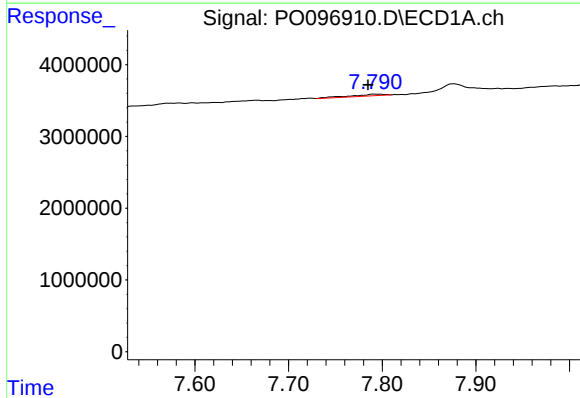
R.T.: 7.360 min
Delta R.T.: 0.006 min
Response: 210178
Conc: 2.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



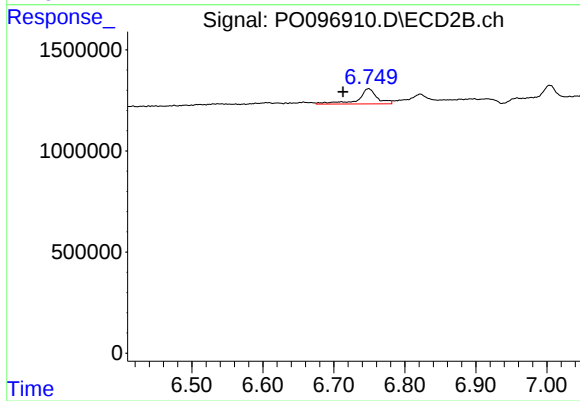
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.294 min
Response: 0
Conc: N.D.



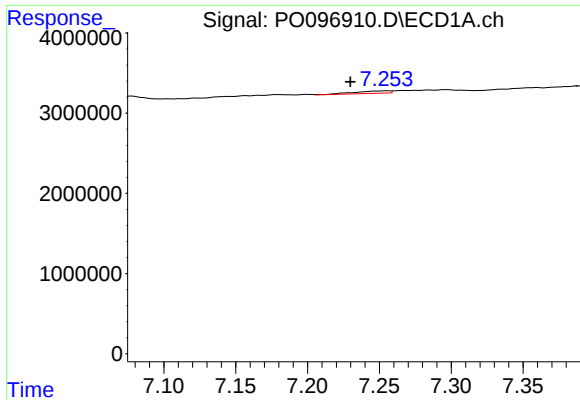
#30 AR-1254-5

R.T.: 7.791 min
Delta R.T.: 0.006 min
Response: 602099
Conc: 5.37 ng/ml



#30 AR-1254-5

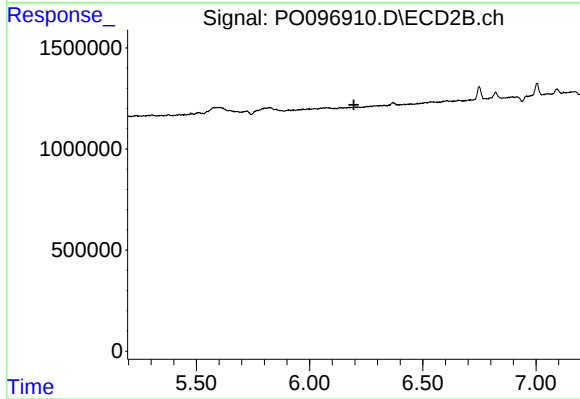
R.T.: 6.749 min
Delta R.T.: 0.036 min
Response: 1388995
Conc: 15.80 ng/ml



#31 AR-1260-1

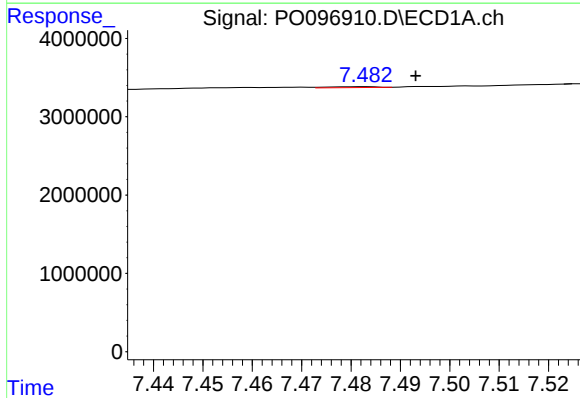
R.T.: 7.255 min
Delta R.T.: 0.025 min
Response: 536078
Conc: 4.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



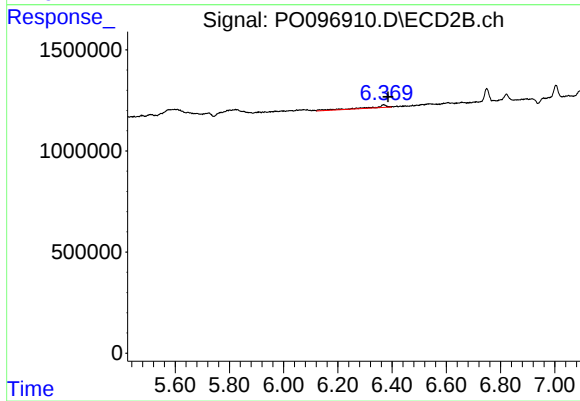
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.196 min
Response: 0
Conc: N.D.



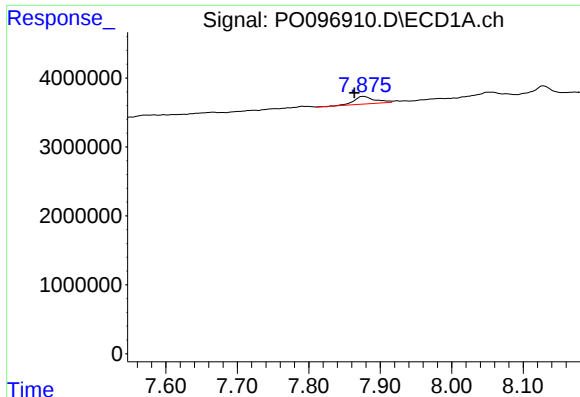
#32 AR-1260-2

R.T.: 7.483 min
Delta R.T.: -0.010 min
Response: 82465
Conc: 0.61 ng/ml



#32 AR-1260-2

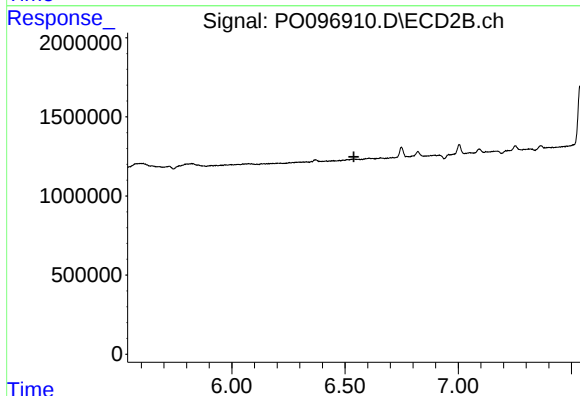
R.T.: 6.369 min
Delta R.T.: -0.016 min
Response: 526935
Conc: 6.31 ng/ml



#33 AR-1260-3

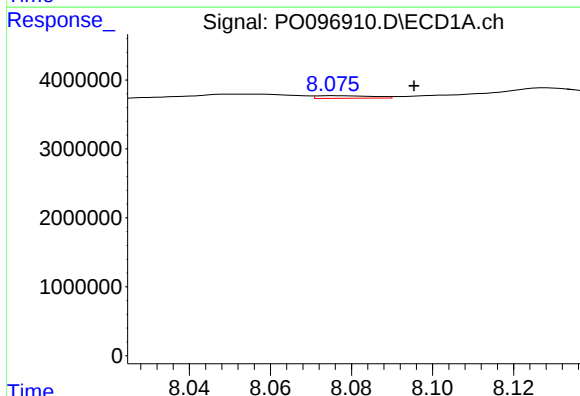
R.T.: 7.876 min
Delta R.T.: 0.012 min
Response: 2170614
Conc: 20.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



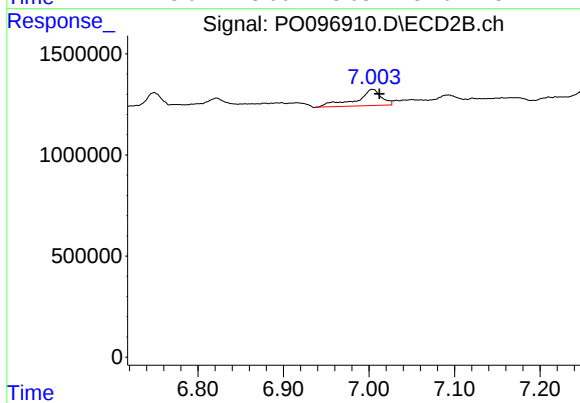
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.539 min
Response: 0
Conc: N.D.



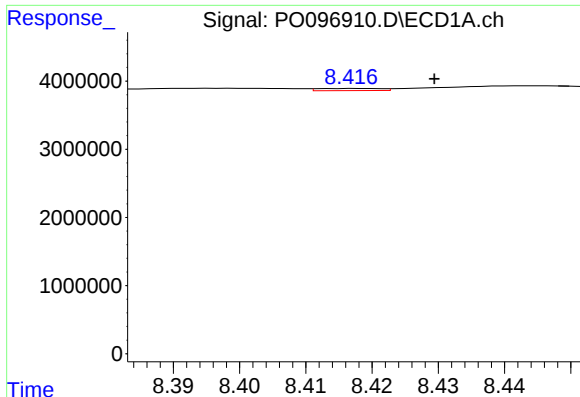
#34 AR-1260-4

R.T.: 8.076 min
Delta R.T.: -0.020 min
Response: 351747
Conc: 3.15 ng/ml



#34 AR-1260-4

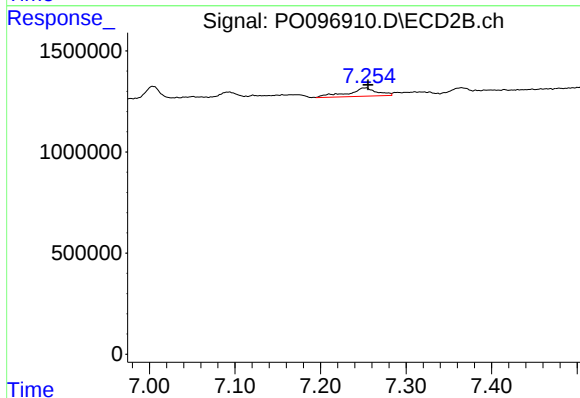
R.T.: 7.004 min
Delta R.T.: -0.008 min
Response: 1658656
Conc: 25.88 ng/ml



#35 AR-1260-5

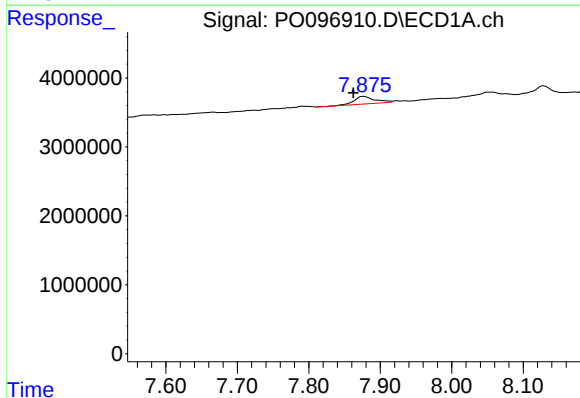
R.T.: 8.418 min
Delta R.T.: -0.012 min
Response: 214629
Conc: 1.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



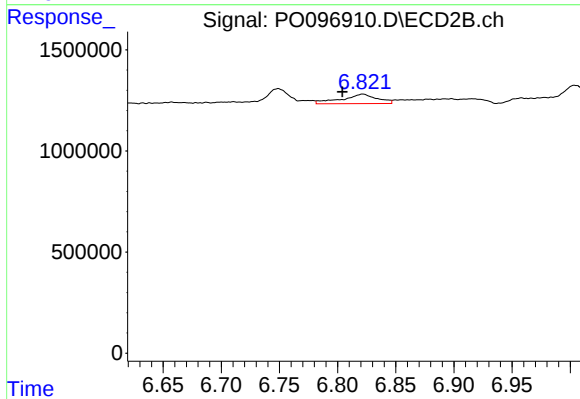
#35 AR-1260-5

R.T.: 7.252 min
Delta R.T.: -0.004 min
Response: 980637
Conc: 7.07 ng/ml



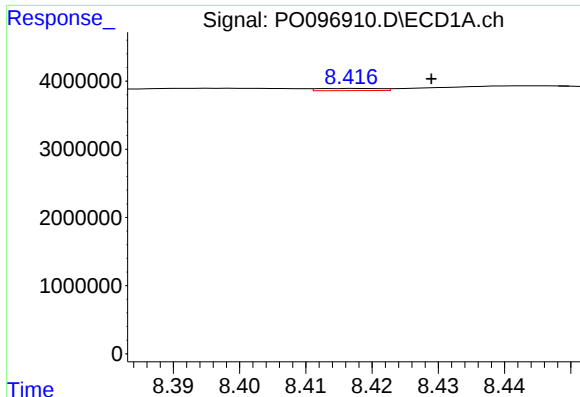
#36 AR-1262-1

R.T.: 7.876 min
Delta R.T.: 0.013 min
Response: 2170614
Conc: 14.61 ng/ml



#36 AR-1262-1

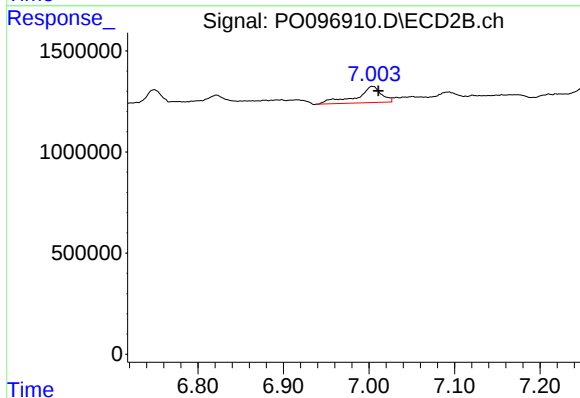
R.T.: 6.822 min
Delta R.T.: 0.017 min
Response: 997421
Conc: 25.34 ng/ml



#37 AR-1262-2

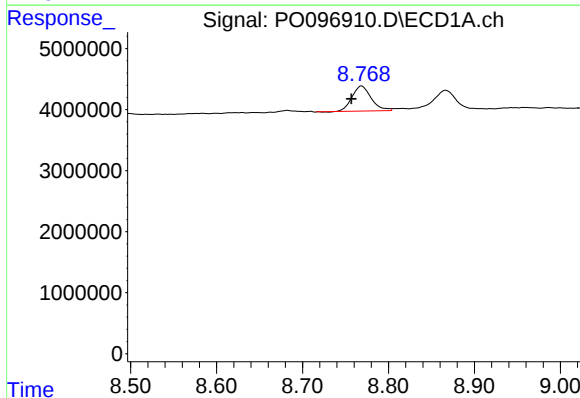
R.T.: 8.418 min
Delta R.T.: -0.011 min
Response: 214629
Conc: 0.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



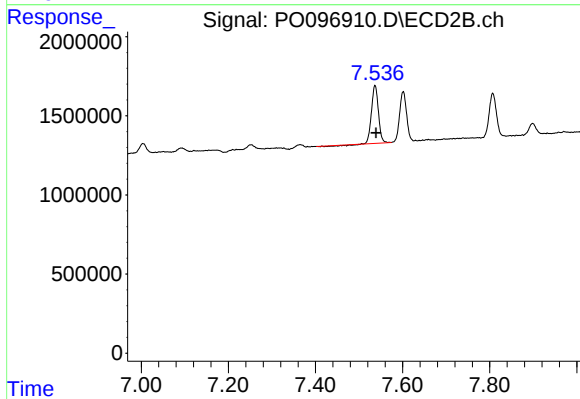
#37 AR-1262-2

R.T.: 7.004 min
Delta R.T.: -0.007 min
Response: 1658656
Conc: 20.45 ng/ml



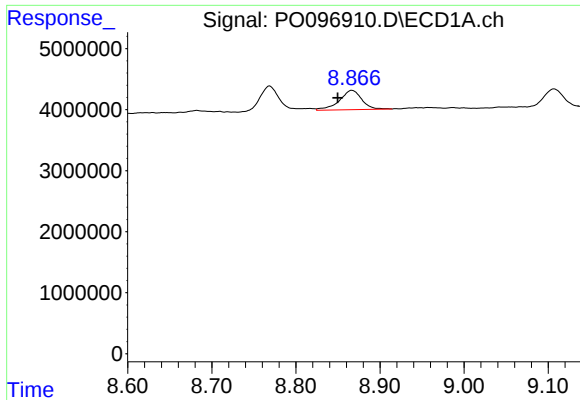
#38 AR-1262-3

R.T.: 8.769 min
Delta R.T.: 0.012 min
Response: 6322568
Conc: 37.91 ng/ml



#38 AR-1262-3

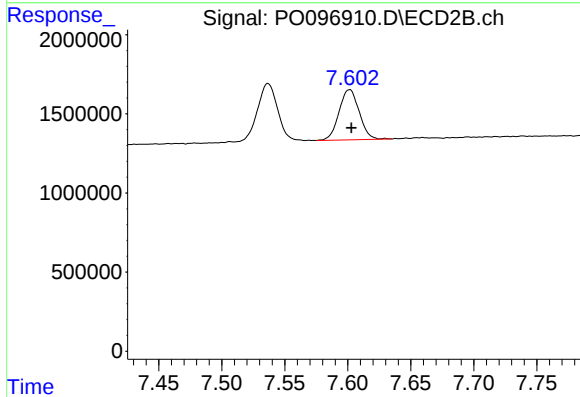
R.T.: 7.537 min
Delta R.T.: -0.002 min
Response: 3906349
Conc: 60.87 ng/ml



#39 AR-1262-4

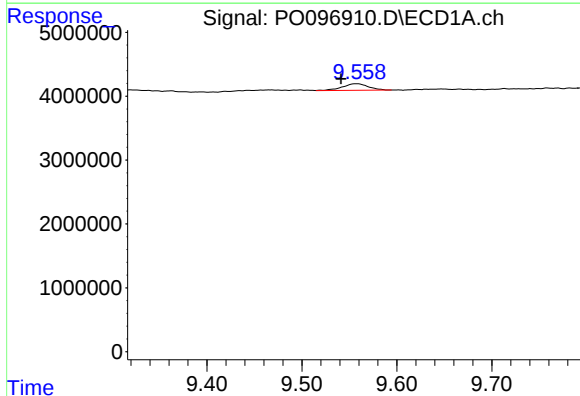
R.T.: 8.867 min
Delta R.T.: 0.017 min
Response: 5835677
Conc: 80.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



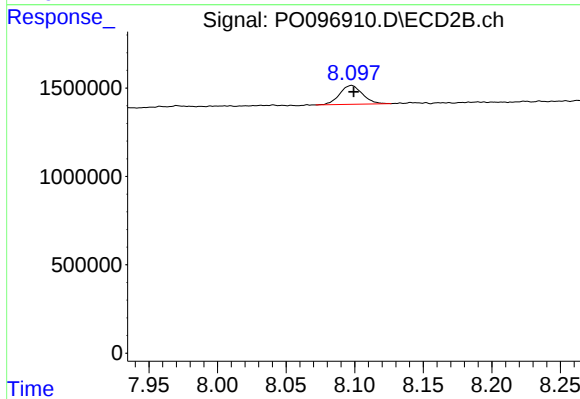
#39 AR-1262-4

R.T.: 7.601 min
Delta R.T.: -0.002 min
Response: 3520476
Conc: 30.99 ng/ml



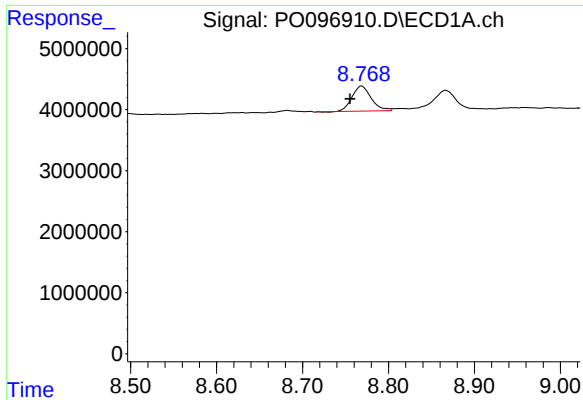
#40 AR-1262-5

R.T.: 9.558 min
Delta R.T.: 0.017 min
Response: 1976695
Conc: 23.74 ng/ml



#40 AR-1262-5

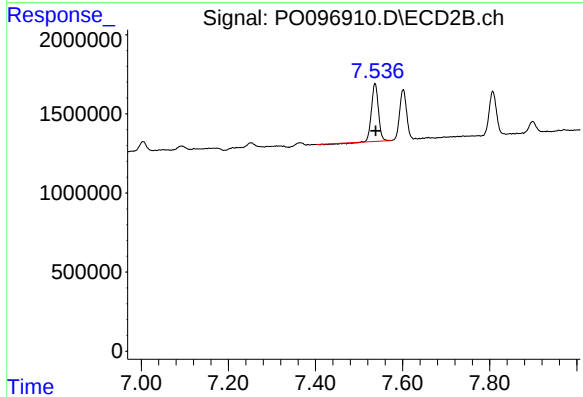
R.T.: 8.097 min
Delta R.T.: -0.002 min
Response: 1229085
Conc: 23.40 ng/ml



#41 AR-1268-1

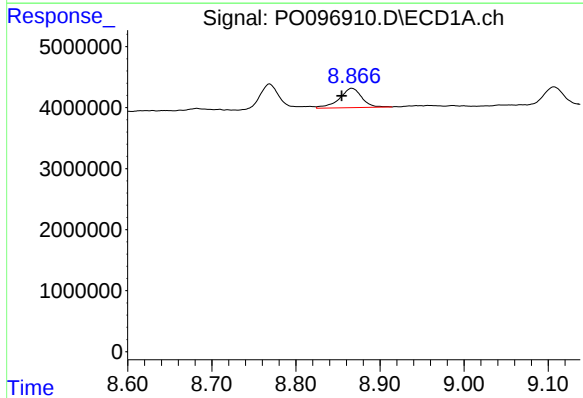
R.T.: 8.769 min
Delta R.T.: 0.013 min
Response: 6322568
Conc: 20.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



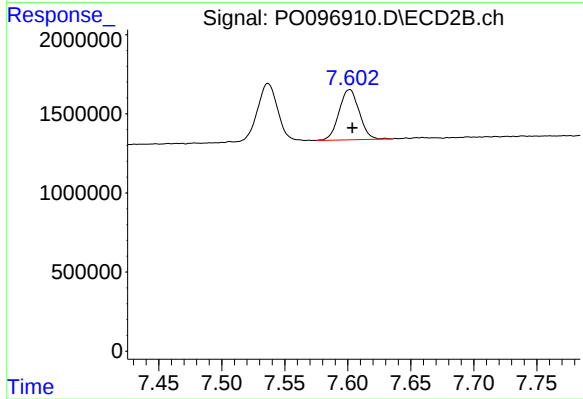
#41 AR-1268-1

R.T.: 7.537 min
Delta R.T.: -0.002 min
Response: 3906349
Conc: 21.08 ng/ml



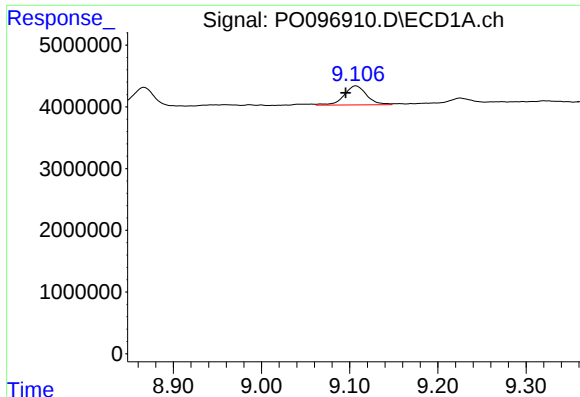
#42 AR-1268-2

R.T.: 8.867 min
Delta R.T.: 0.012 min
Response: 5835677
Conc: 21.28 ng/ml



#42 AR-1268-2

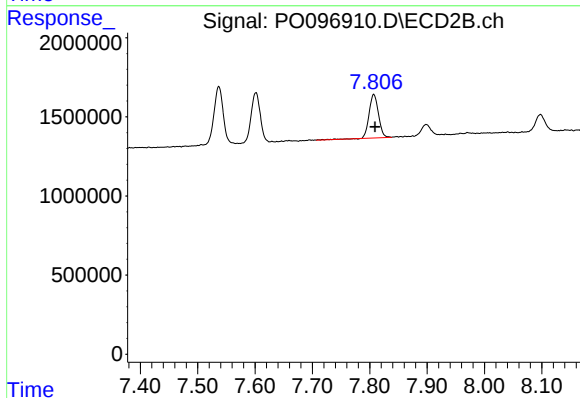
R.T.: 7.601 min
Delta R.T.: -0.002 min
Response: 3520476
Conc: 20.99 ng/ml



#43 AR-1268-3

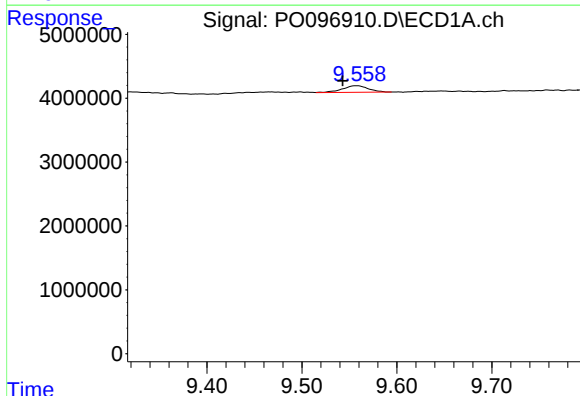
R.T.: 9.107 min
Delta R.T.: 0.011 min
Response: 5493840
Conc: 21.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



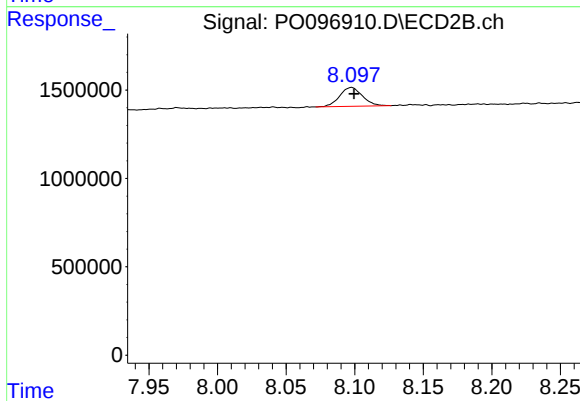
#43 AR-1268-3

R.T.: 7.807 min
Delta R.T.: -0.002 min
Response: 3162664
Conc: 21.89 ng/ml



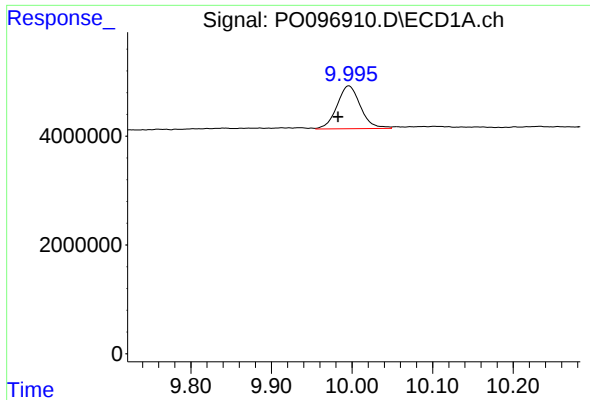
#44 AR-1268-4

R.T.: 9.558 min
Delta R.T.: 0.015 min
Response: 1976695
Conc: 21.32 ng/ml



#44 AR-1268-4

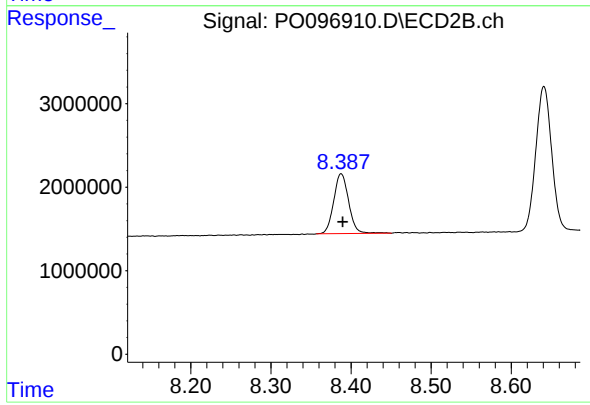
R.T.: 8.097 min
Delta R.T.: -0.002 min
Response: 1229085
Conc: 20.63 ng/ml



#45 AR-1268-5

R.T.: 9.996 min
Delta R.T.: 0.013 min
Response: 15929298
Conc: 19.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.388 min
Delta R.T.: -0.002 min
Response: 9304308
Conc: 22.37 ng/ml