

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080923\
 Data File : P0096900.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 09:05
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 09:23:03 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...	4.411	3.618	66547364	26565402	20.104	20.068
2) SA Decachlor...	10.352	8.639	47400688	24692639	21.662	21.343
Target Compounds						
3) L1 AR-1016-1	5.594	0.000	36423	0	0.387	N.D. #
4) L1 AR-1016-2	5.616	0.000	29890	0	0.223	N.D. #
5) L1 AR-1016-3	5.673	4.863f	44091	112437	0.507	3.442 #
6) L1 AR-1016-4	5.747	4.989f	27403	635307	0.408	22.224 #
7) L1 AR-1016-5	6.059	5.207f	65465	4133323	0.938	107.509 #
8) L2 AR-1221-1	4.596	3.782f	441932	169524	10.844	9.767
9) L2 AR-1221-2	4.725	3.918	1479003	423357	48.684	32.766 #
10) L2 AR-1221-3	4.786	3.963	41410	222828	0.473	5.614 #
11) L3 AR-1232-1	4.786	3.963	41410	222828	0.568	6.889 #
12) L3 AR-1232-2	5.325	0.000	50455	0	1.273	N.D. #
13) L3 AR-1232-3	5.616	4.863f	29890	112437	0.489	7.416 #
14) L3 AR-1232-4	5.747	4.989	27403	635307	0.898	42.511 #
15) L3 AR-1232-5	5.864	5.207f	38898	4133323	1.390	252.853 #
16) L4 AR-1242-1	5.594	0.000	36423	0	0.435	N.D. #
17) L4 AR-1242-2	5.616	0.000	29890	0	0.254	N.D. #
18) L4 AR-1242-3	5.673	4.863f	44091	112437	0.597	3.803 #
19) L4 AR-1242-4	5.747	4.989	27403	635307	0.460	20.160 #
20) L4 AR-1242-5	6.520	5.534	49095	3285907	0.892	90.183 #
21) L5 AR-1248-1	5.594	0.000	36423	0	0.622	N.D. #
22) L5 AR-1248-2	5.864	4.989f	38898	635307	0.414	14.990 #
23) L5 AR-1248-3	6.059	4.989	65465	635307	0.669	14.483 #
24) L5 AR-1248-4	6.487	5.207f	85448	4133323	0.941	80.966 #
25) L5 AR-1248-5	6.520	5.534	49095	3285907	0.557	70.284 #
26) L6 AR-1254-1	6.476	5.534	-779266	3285907	N.D.	44.527 #
27) L6 AR-1254-2	6.682	5.654	132281	2667237	0.820	40.486 #
28) L6 AR-1254-3	7.074	0.000	3631576	0	23.176	N.D. #
29) L6 AR-1254-4	7.340	0.000	980154	0	9.722	N.D. #
30) L6 AR-1254-5	7.807	6.780f	210333	95309	1.874	1.084 #
31) L7 AR-1260-1	7.246	0.000	2841425	0	22.607	N.D. #
32) L7 AR-1260-2	7.496	6.365	486540	1083423	3.611	12.981 #
33) L7 AR-1260-3	7.880	0.000	710607	0	6.848	N.D. #
34) L7 AR-1260-4	8.124	7.011	914376	26489	8.178	0.413 #
35) L7 AR-1260-5	8.427	7.255	113686	30893	0.541	0.223 #
36) L8 AR-1262-1	7.880	6.797	710607	51797	4.784	1.316 #
37) L8 AR-1262-2	8.427	7.011	113686	26489	0.491	0.327 #
38) L8 AR-1262-3	8.791	7.539	503447	97816	3.018	1.524 #
39) L8 AR-1262-4	8.851	7.611	152514	93130	2.092	0.820 #
40) L8 AR-1262-5	9.542	0.000	103406	0	1.242	N.D. #
41) L9 AR-1268-1	8.791f	7.539	503447	97816	1.638	0.528 #

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 Integrator: ChemStation

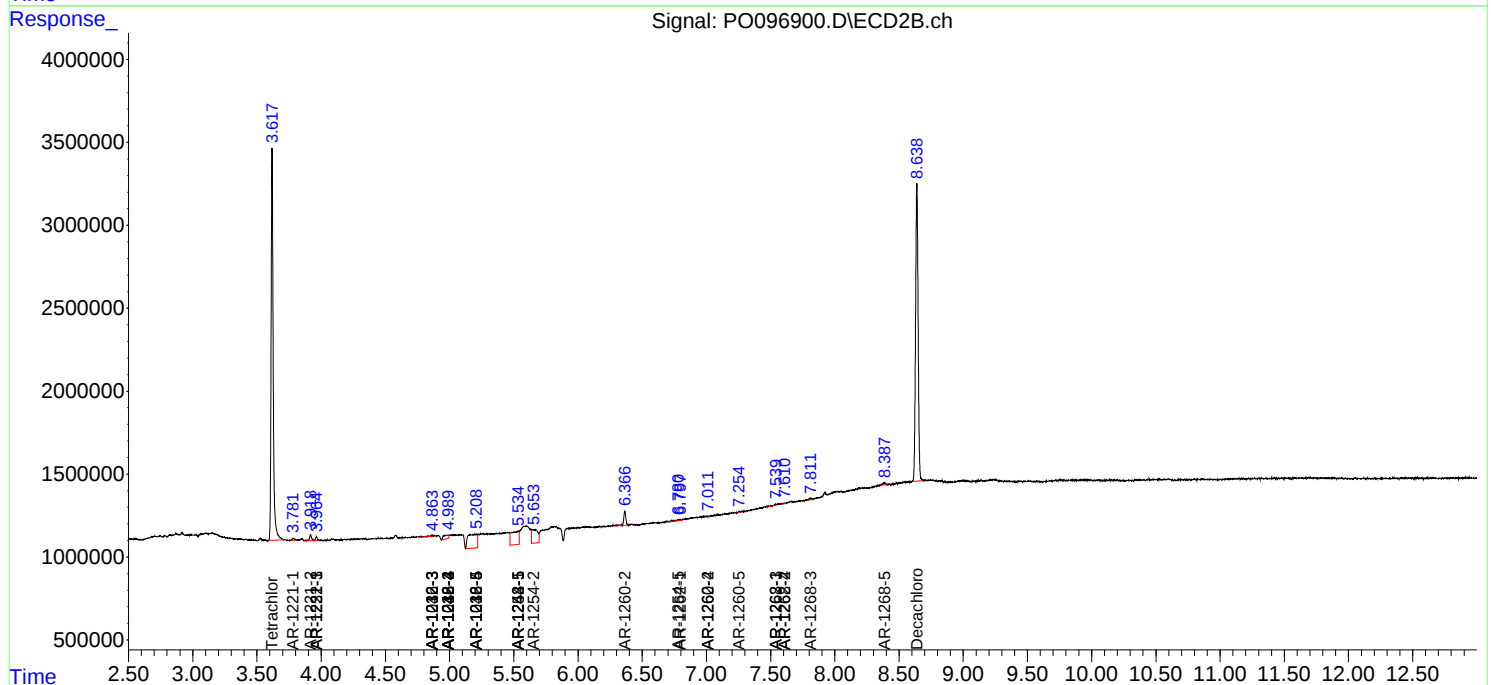
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

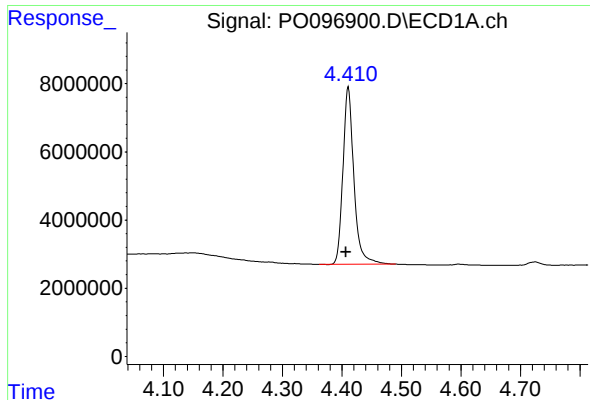
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.851	7.611	152514	93130	0.556	0.555
43) L9	AR-1268-3	9.099	7.811	129071	134361	0.505	0.930 #
44) L9	AR-1268-4	9.542	0.000	103406	0	1.115	N.D. #
45) L9	AR-1268-5	9.998	8.387	627830	211365	0.777	0.508 #

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

Instrument :
ECD_O
ClientSampleId :

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

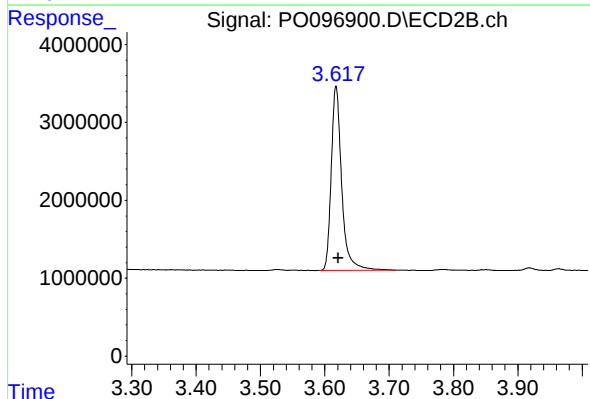




#1 Tetrachloro-m-xylene

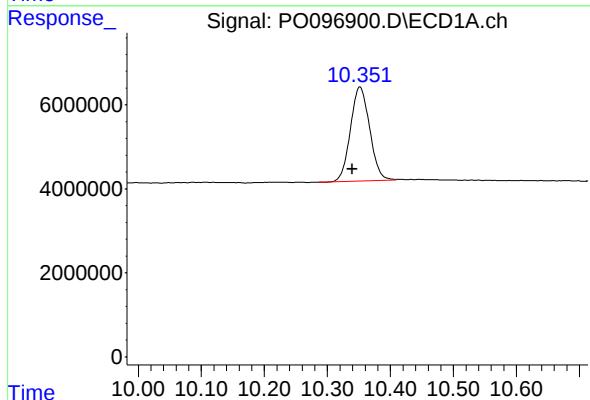
R.T.: 4.411 min
Delta R.T.: 0.004 min
Response: 66547364
Conc: 20.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



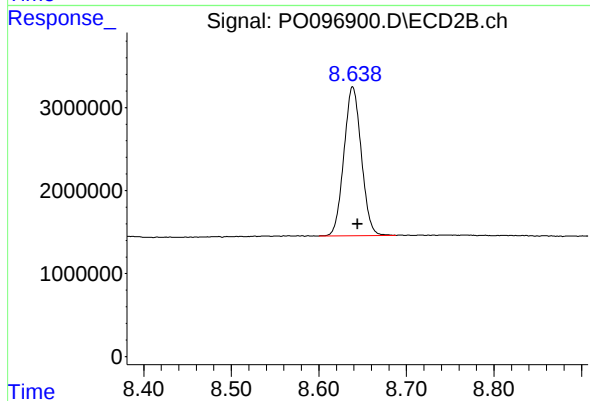
#1 Tetrachloro-m-xylene

R.T.: 3.618 min
Delta R.T.: -0.004 min
Response: 26565402
Conc: 20.07 ng/ml



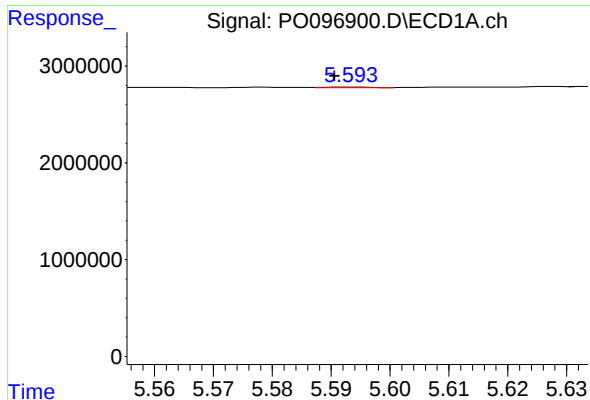
#2 Decachlorobiphenyl

R.T.: 10.352 min
Delta R.T.: 0.012 min
Response: 47400688
Conc: 21.66 ng/ml



#2 Decachlorobiphenyl

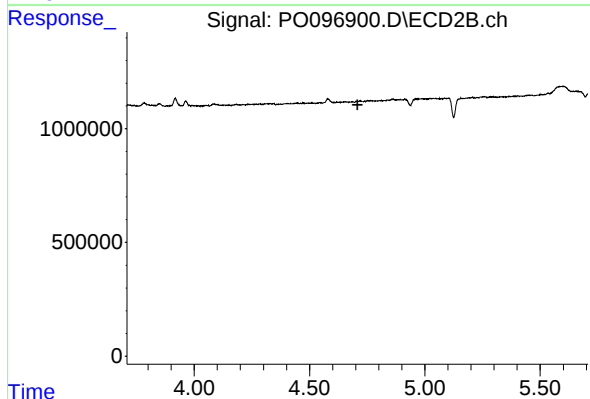
R.T.: 8.639 min
Delta R.T.: -0.005 min
Response: 24692639
Conc: 21.34 ng/ml



#3 AR-1016-1

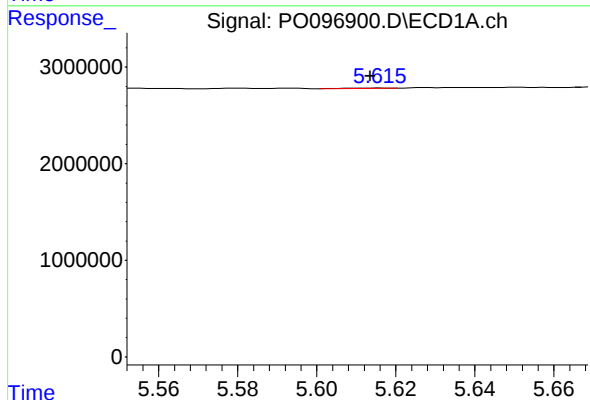
R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 36423
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



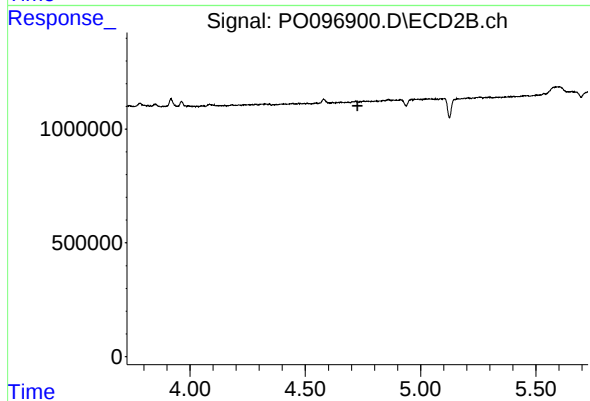
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.708 min
Response: 0
Conc: N.D.



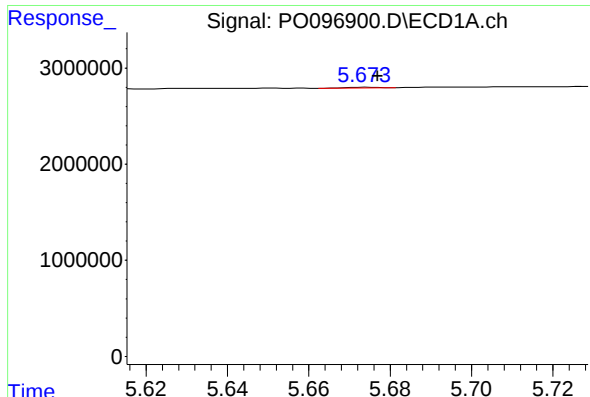
#4 AR-1016-2

R.T.: 5.616 min
Delta R.T.: 0.002 min
Response: 29890
Conc: 0.22 ng/ml



#4 AR-1016-2

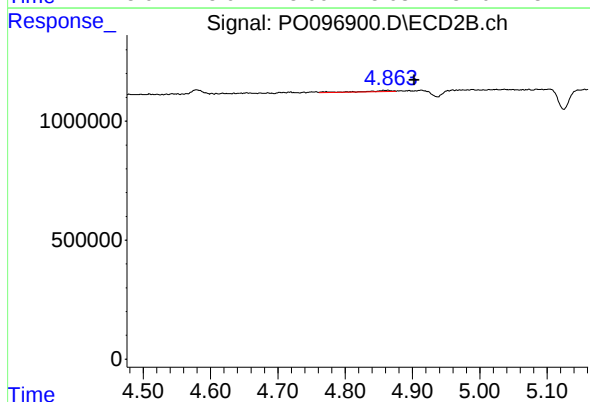
R.T.: 0.000 min
Exp R.T. : 4.726 min
Response: 0
Conc: N.D.



#5 AR-1016-3

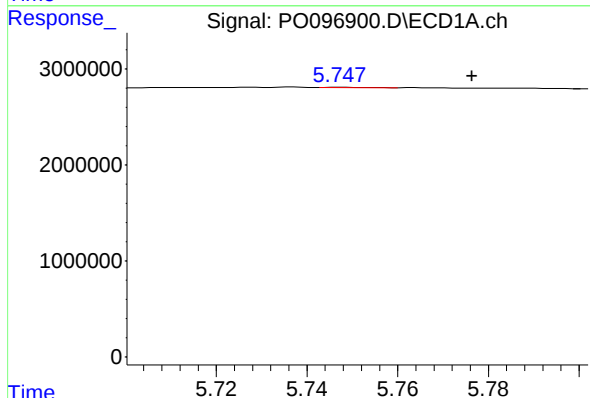
R.T.: 5.673 min
Delta R.T.: -0.004 min
Response: 44091
Conc: 0.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



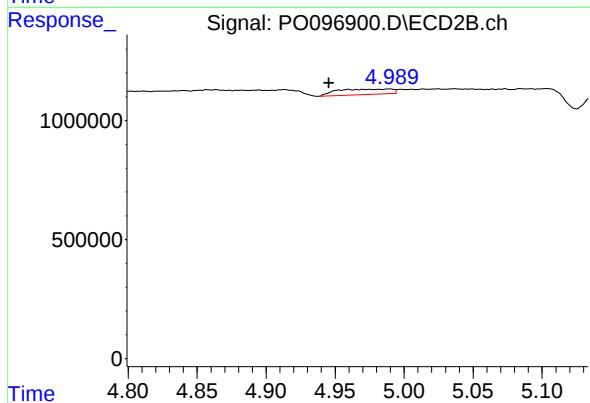
#5 AR-1016-3

R.T.: 4.863 min
Delta R.T.: -0.039 min
Response: 112437
Conc: 3.44 ng/ml



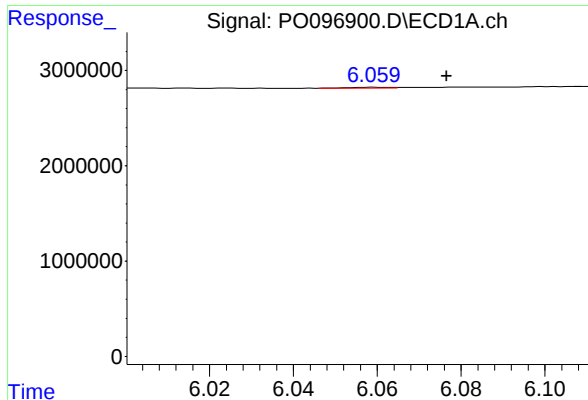
#6 AR-1016-4

R.T.: 5.747 min
Delta R.T.: -0.029 min
Response: 27403
Conc: 0.41 ng/ml



#6 AR-1016-4

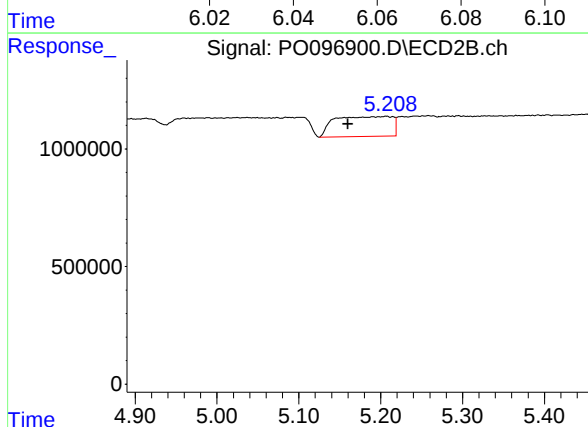
R.T.: 4.989 min
Delta R.T.: 0.043 min
Response: 635307
Conc: 22.22 ng/ml



#7 AR-1016-5

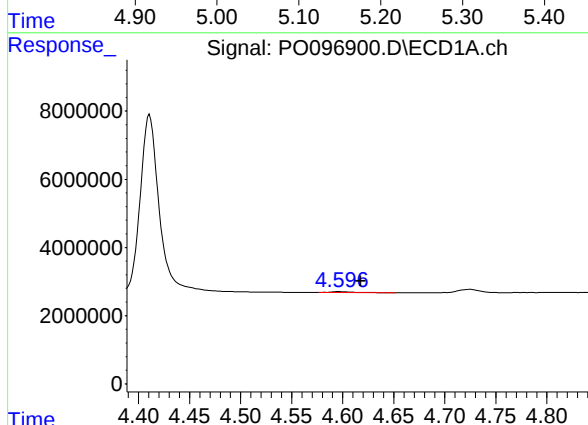
R.T.: 6.059 min
Delta R.T.: -0.018 min
Response: 65465
Conc: 0.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



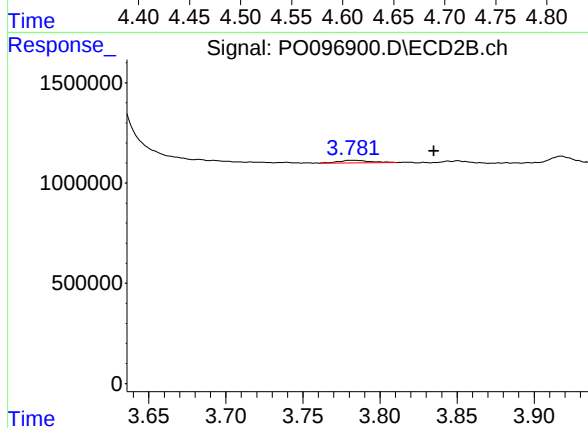
#7 AR-1016-5

R.T.: 5.207 min
Delta R.T.: 0.047 min
Response: 4133323
Conc: 107.51 ng/ml



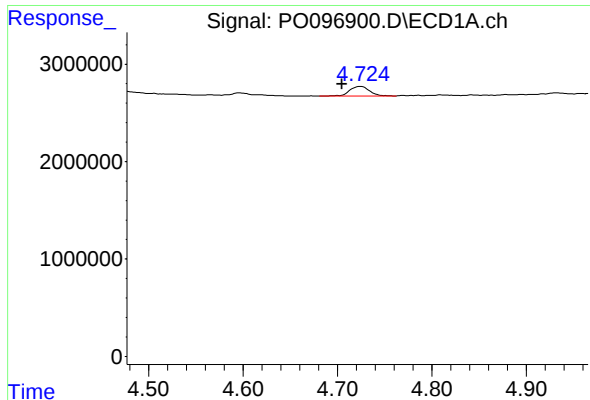
#8 AR-1221-1

R.T.: 4.596 min
Delta R.T.: -0.021 min
Response: 441932
Conc: 10.84 ng/ml



#8 AR-1221-1

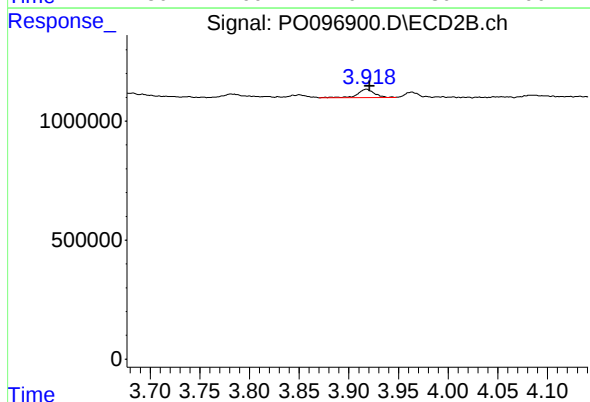
R.T.: 3.782 min
Delta R.T.: -0.053 min
Response: 169524
Conc: 9.77 ng/ml



#9 AR-1221-2

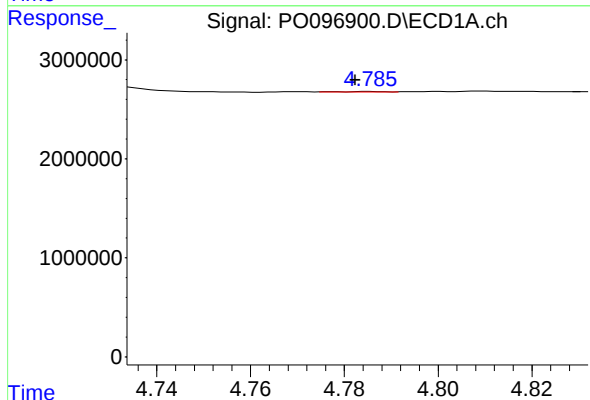
R.T.: 4.725 min
Delta R.T.: 0.020 min
Response: 1479003
Conc: 48.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



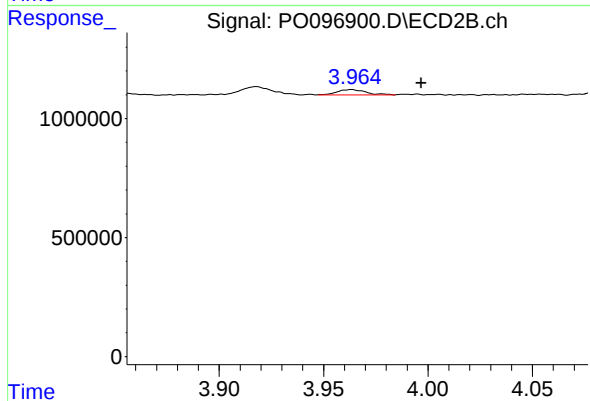
#9 AR-1221-2

R.T.: 3.918 min
Delta R.T.: -0.003 min
Response: 423357
Conc: 32.77 ng/ml



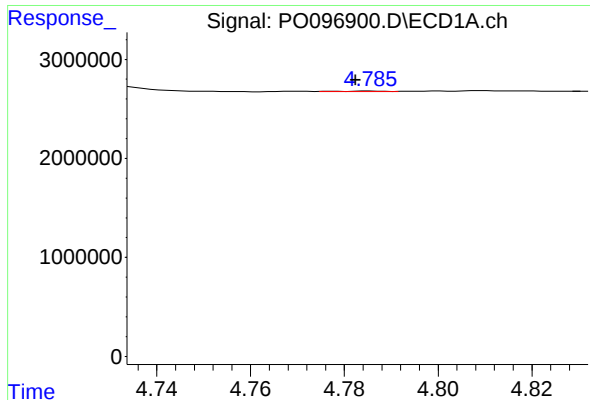
#10 AR-1221-3

R.T.: 4.786 min
Delta R.T.: 0.003 min
Response: 41410
Conc: 0.47 ng/ml



#10 AR-1221-3

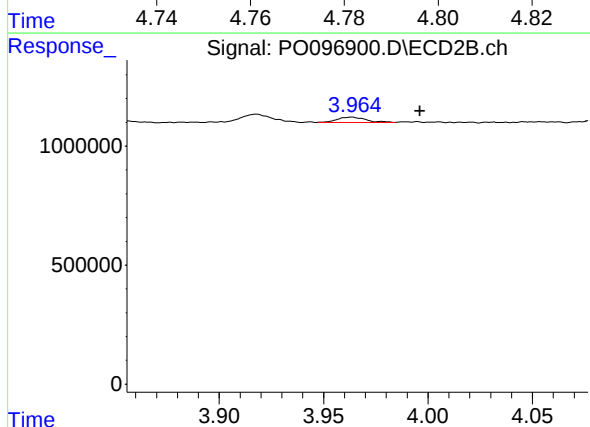
R.T.: 3.963 min
Delta R.T.: -0.033 min
Response: 222828
Conc: 5.61 ng/ml



#11 AR-1232-1

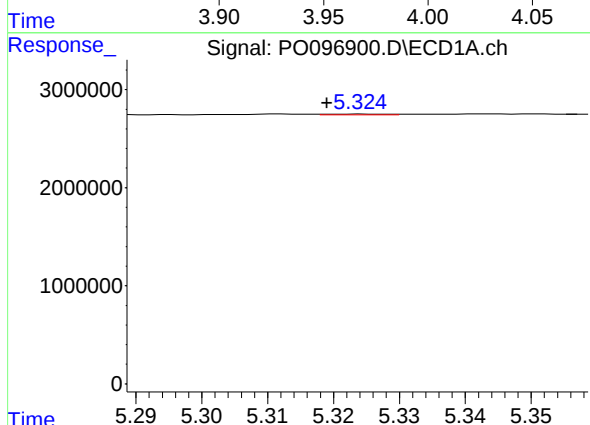
R.T.: 4.786 min
Delta R.T.: 0.003 min
Response: 41410
Conc: 0.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



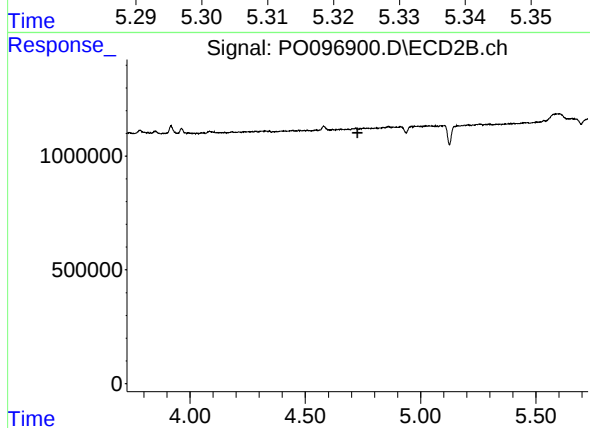
#11 AR-1232-1

R.T.: 3.963 min
Delta R.T.: -0.033 min
Response: 222828
Conc: 6.89 ng/ml



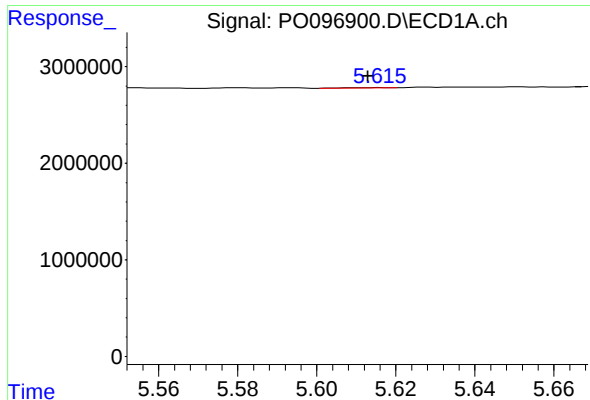
#12 AR-1232-2

R.T.: 5.325 min
Delta R.T.: 0.006 min
Response: 50455
Conc: 1.27 ng/ml



#12 AR-1232-2

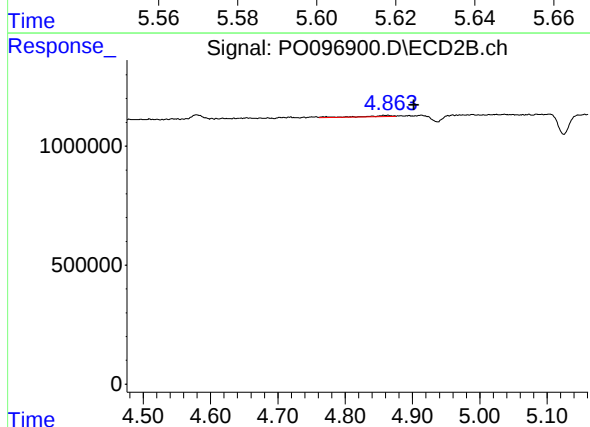
R.T.: 0.000 min
Exp R.T.: 4.726 min
Response: 0
Conc: N.D.



#13 AR-1232-3

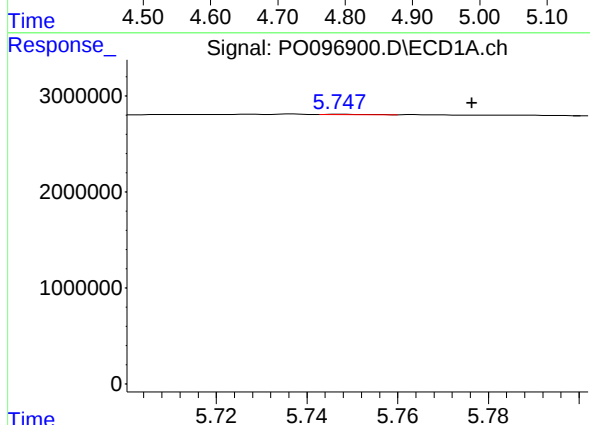
R.T.: 5.616 min
Delta R.T.: 0.003 min
Response: 29890
Conc: 0.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



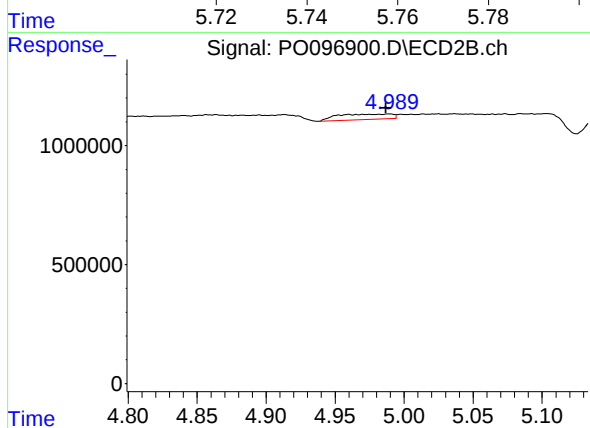
#13 AR-1232-3

R.T.: 4.863 min
Delta R.T.: -0.039 min
Response: 112437
Conc: 7.42 ng/ml



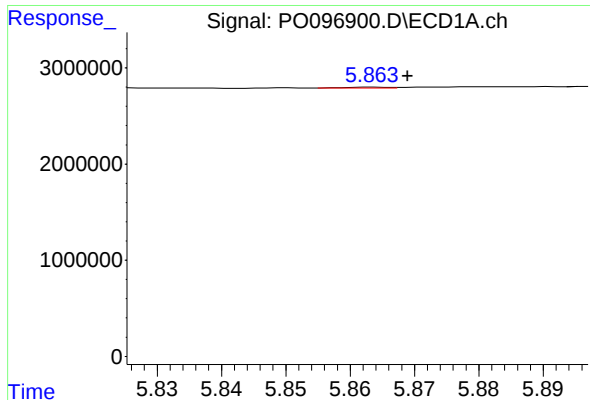
#14 AR-1232-4

R.T.: 5.747 min
Delta R.T.: -0.029 min
Response: 27403
Conc: 0.90 ng/ml



#14 AR-1232-4

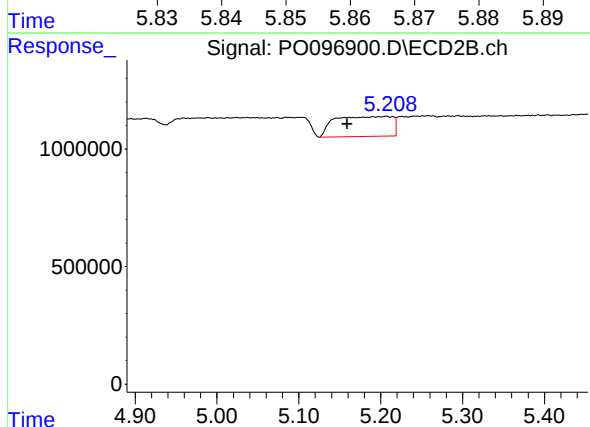
R.T.: 4.989 min
Delta R.T.: 0.002 min
Response: 635307
Conc: 42.51 ng/ml



#15 AR-1232-5

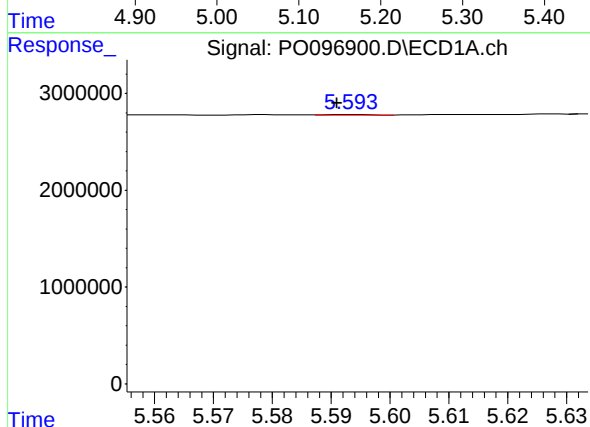
R.T.: 5.864 min
Delta R.T.: -0.005 min
Response: 38898
Conc: 1.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



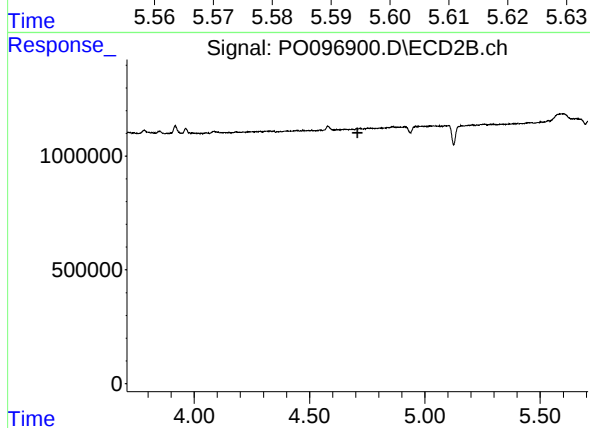
#15 AR-1232-5

R.T.: 5.207 min
Delta R.T.: 0.048 min
Response: 4133323
Conc: 252.85 ng/ml



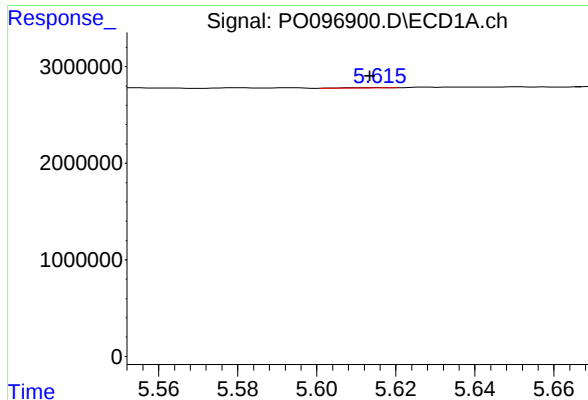
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 36423
Conc: 0.43 ng/ml



#16 AR-1242-1

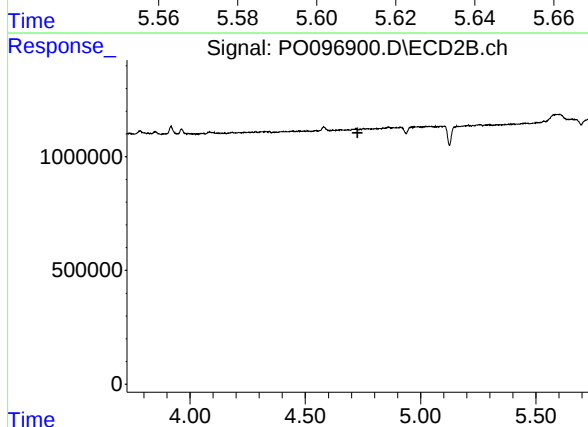
R.T.: 0.000 min
Exp R.T.: 4.708 min
Response: 0
Conc: N.D.



#17 AR-1242-2

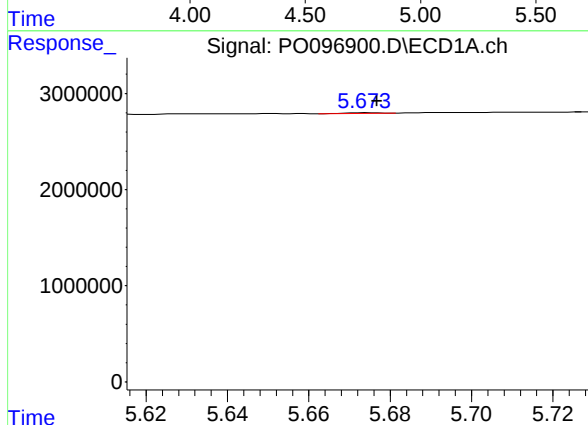
R.T.: 5.616 min
Delta R.T.: 0.002 min
Response: 29890
Conc: 0.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



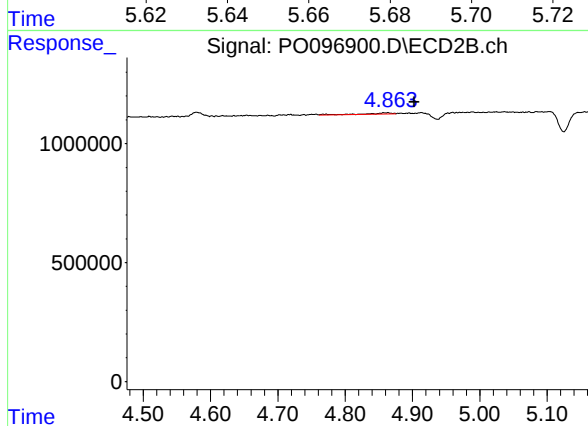
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 4.727 min
Response: 0
Conc: N.D.



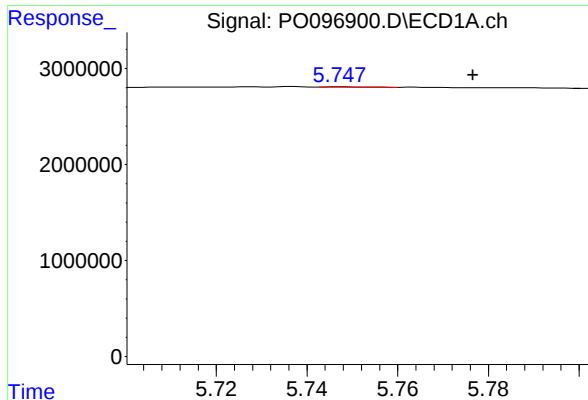
#18 AR-1242-3

R.T.: 5.673 min
Delta R.T.: -0.004 min
Response: 44091
Conc: 0.60 ng/ml



#18 AR-1242-3

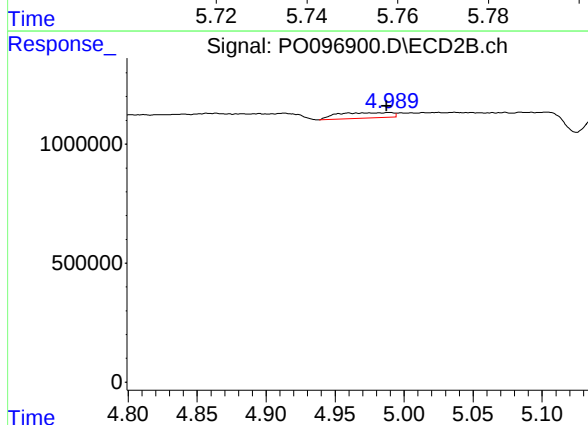
R.T.: 4.863 min
Delta R.T.: -0.039 min
Response: 112437
Conc: 3.80 ng/ml



#19 AR-1242-4

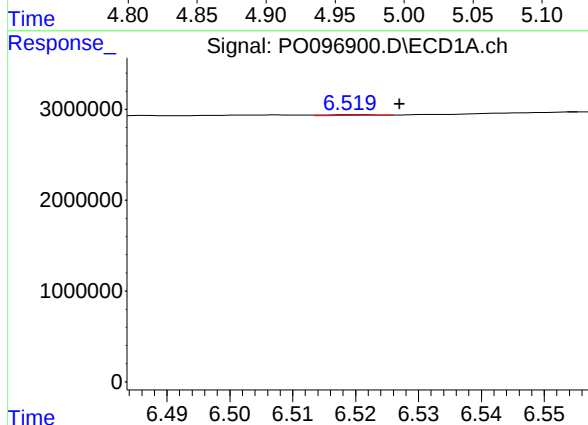
R.T.: 5.747 min
Delta R.T.: -0.029 min
Response: 27403
Conc: 0.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



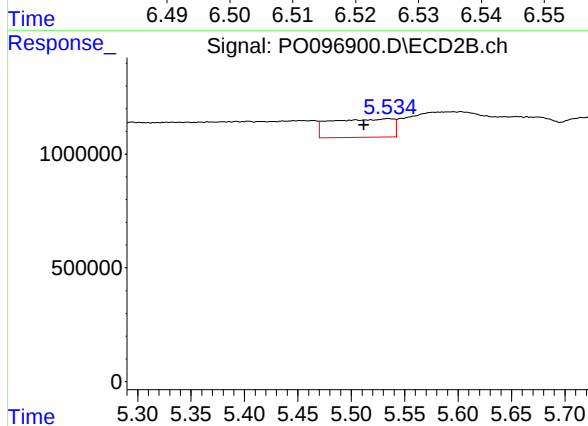
#19 AR-1242-4

R.T.: 4.989 min
Delta R.T.: 0.002 min
Response: 635307
Conc: 20.16 ng/ml



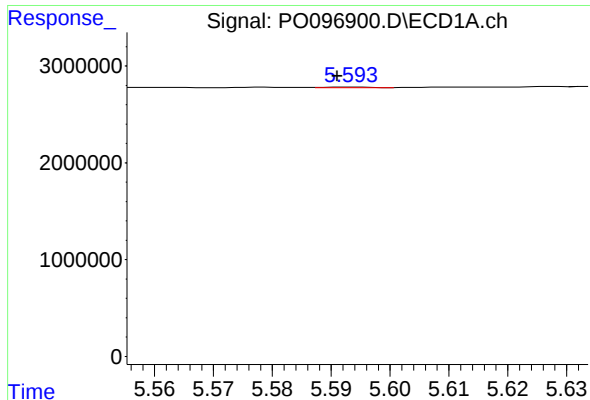
#20 AR-1242-5

R.T.: 6.520 min
Delta R.T.: -0.007 min
Response: 49095
Conc: 0.89 ng/ml



#20 AR-1242-5

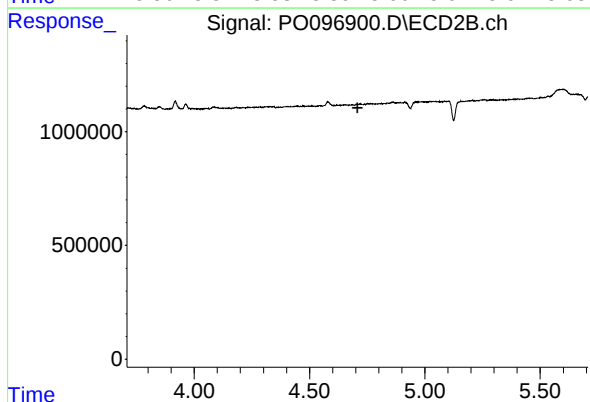
R.T.: 5.534 min
Delta R.T.: 0.022 min
Response: 3285907
Conc: 90.18 ng/ml



#21 AR-1248-1

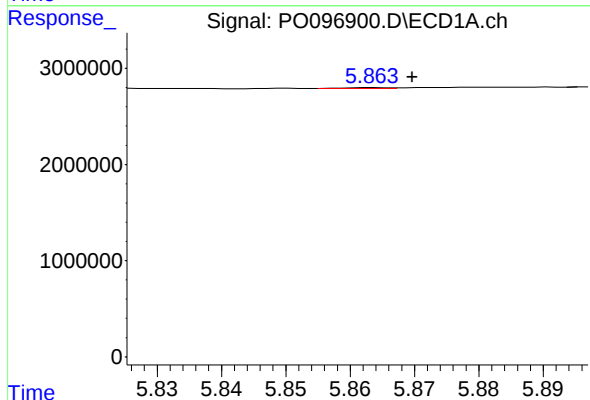
R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 36423
Conc: 0.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



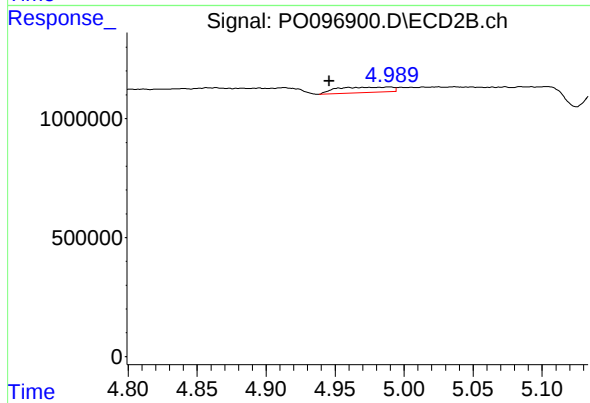
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 4.708 min
Response: 0
Conc: N.D.



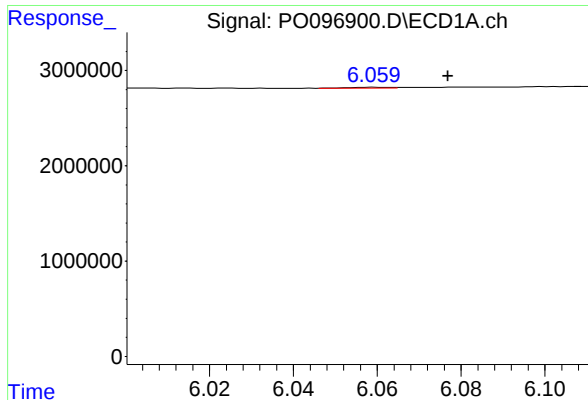
#22 AR-1248-2

R.T.: 5.864 min
Delta R.T.: -0.006 min
Response: 38898
Conc: 0.41 ng/ml



#22 AR-1248-2

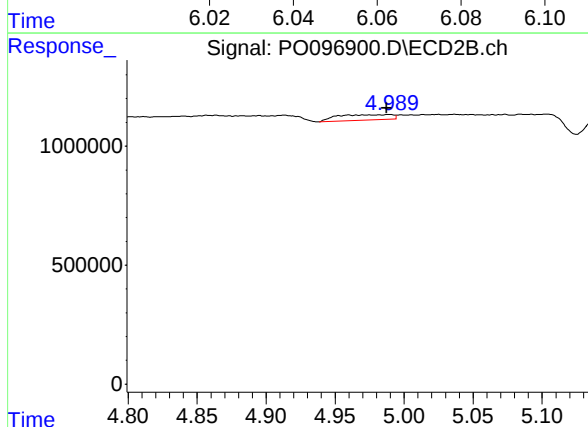
R.T.: 4.989 min
Delta R.T.: 0.043 min
Response: 635307
Conc: 14.99 ng/ml



#23 AR-1248-3

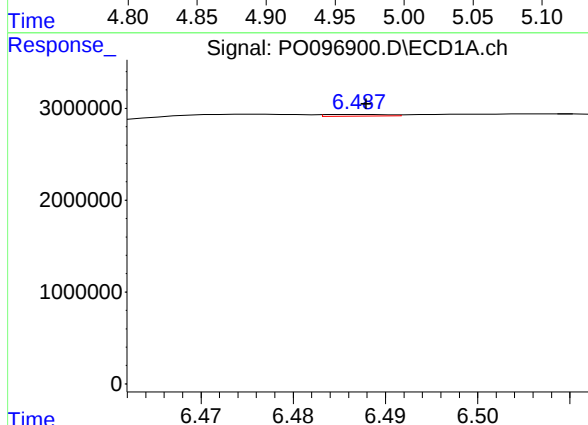
R.T.: 6.059 min
Delta R.T.: -0.018 min
Response: 65465
Conc: 0.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



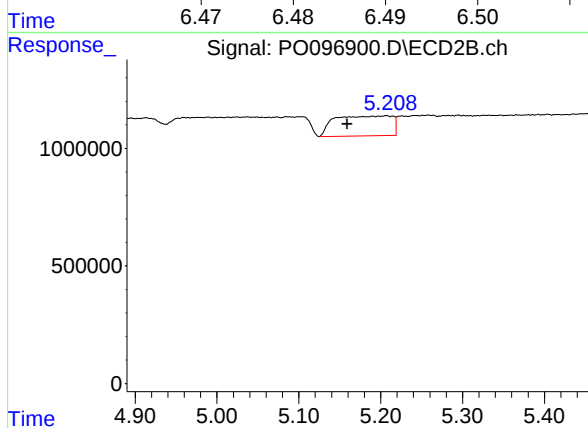
#23 AR-1248-3

R.T.: 4.989 min
Delta R.T.: 0.002 min
Response: 635307
Conc: 14.48 ng/ml



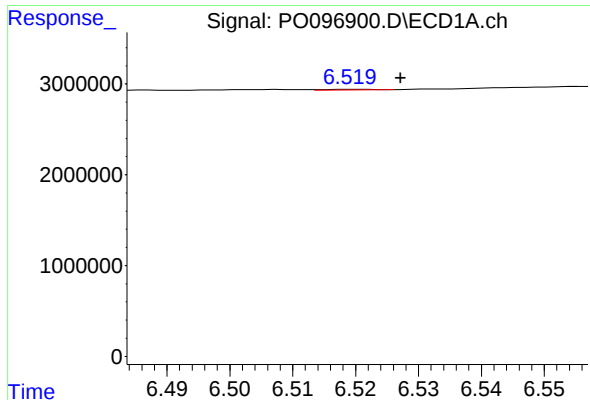
#24 AR-1248-4

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 85448
Conc: 0.94 ng/ml



#24 AR-1248-4

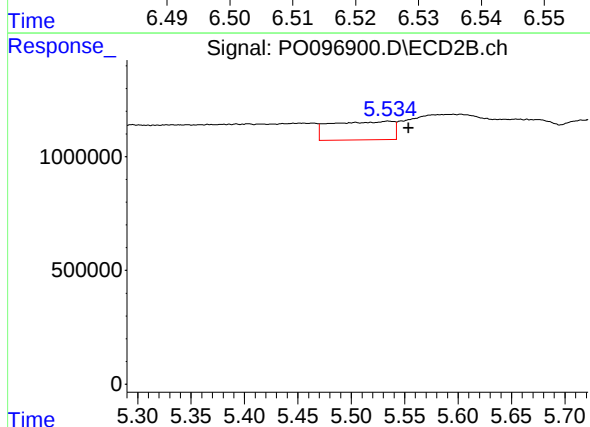
R.T.: 5.207 min
Delta R.T.: 0.048 min
Response: 4133323
Conc: 80.97 ng/ml



#25 AR-1248-5

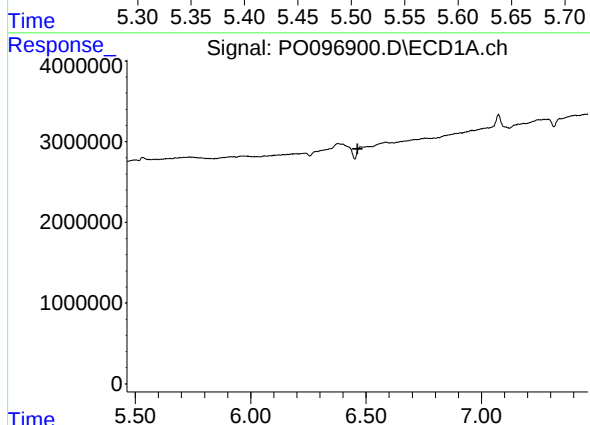
R.T.: 6.520 min
Delta R.T.: -0.007 min
Response: 49095
Conc: 0.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



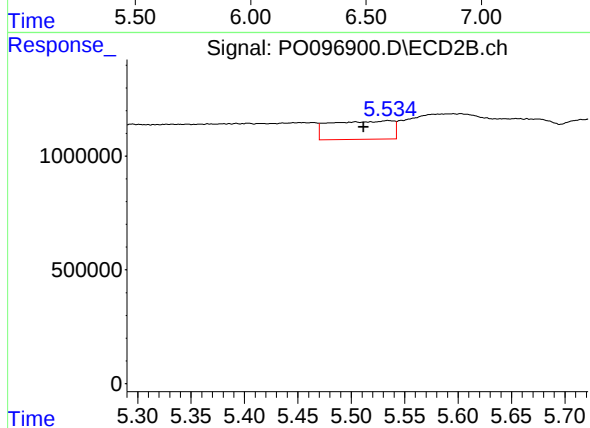
#25 AR-1248-5

R.T.: 5.534 min
Delta R.T.: -0.019 min
Response: 3285907
Conc: 70.28 ng/ml



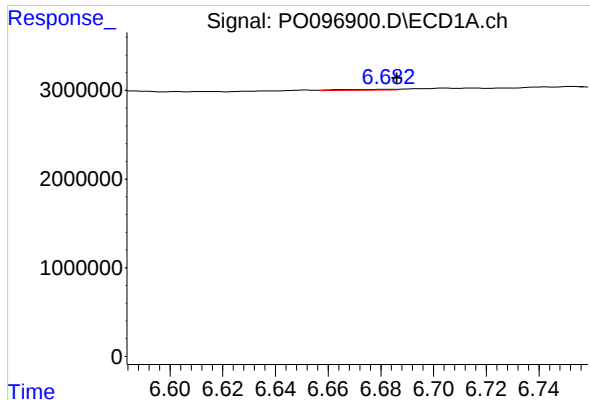
#26 AR-1254-1

R.T.: 6.476 min
Delta R.T.: 0.013 min
Response: -779266
Conc: N.D.



#26 AR-1254-1

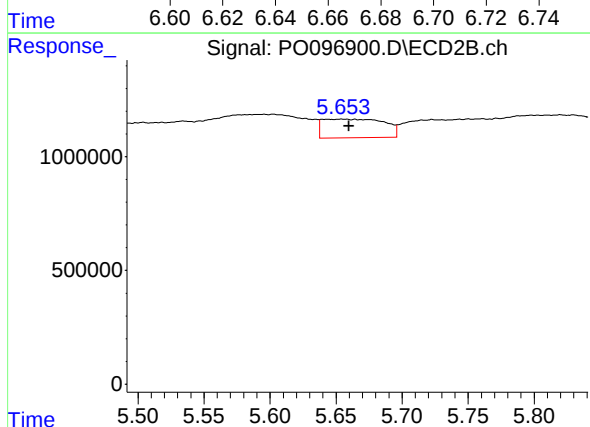
R.T.: 5.534 min
Delta R.T.: 0.023 min
Response: 3285907
Conc: 44.53 ng/ml



#27 AR-1254-2

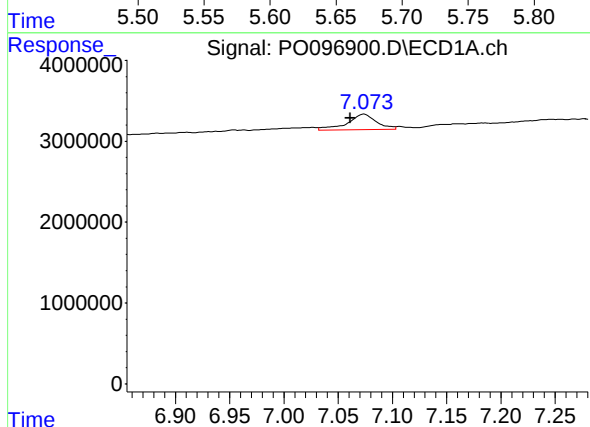
R.T.: 6.682 min
Delta R.T.: -0.004 min
Response: 132281
Conc: 0.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



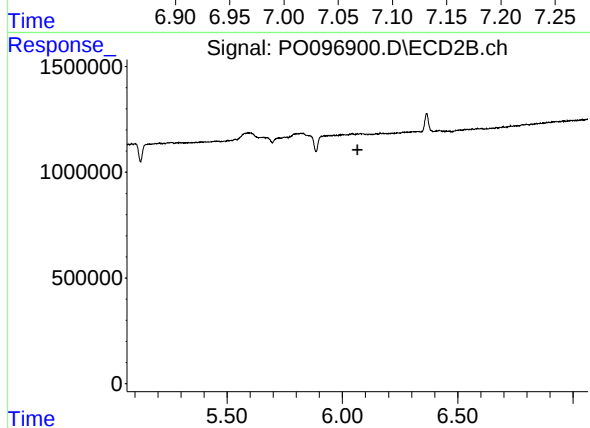
#27 AR-1254-2

R.T.: 5.654 min
Delta R.T.: -0.006 min
Response: 2667237
Conc: 40.49 ng/ml



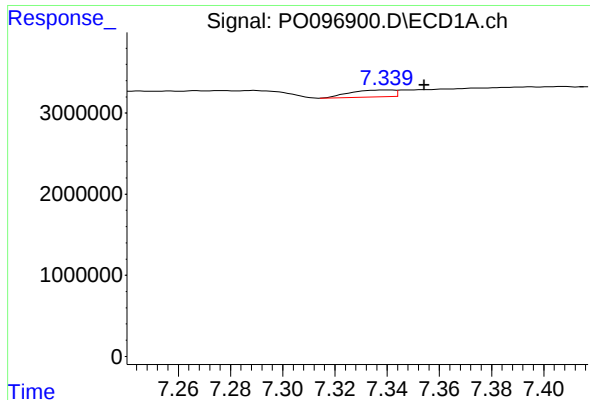
#28 AR-1254-3

R.T.: 7.074 min
Delta R.T.: 0.013 min
Response: 3631576
Conc: 23.18 ng/ml



#28 AR-1254-3

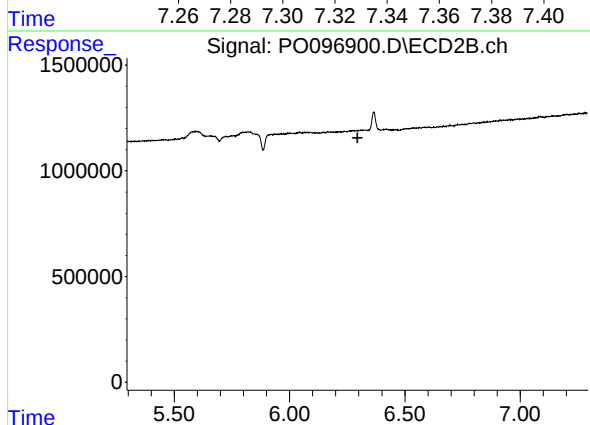
R.T.: 0.000 min
Exp R.T.: 6.065 min
Response: 0
Conc: N.D.



#29 AR-1254-4

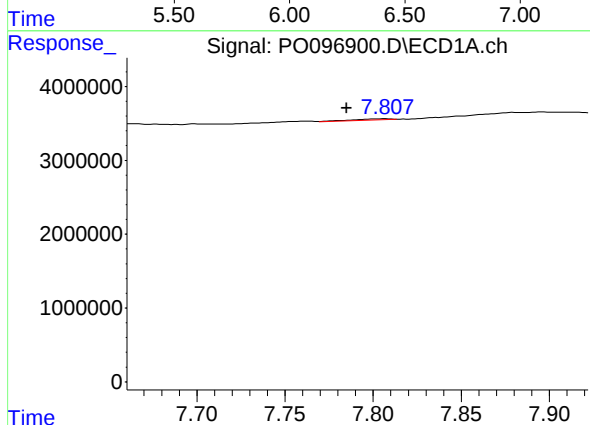
R.T.: 7.340 min
Delta R.T.: -0.014 min
Response: 980154
Conc: 9.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



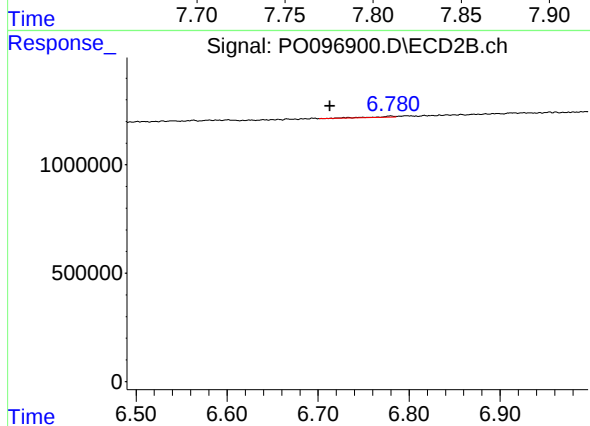
#29 AR-1254-4

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



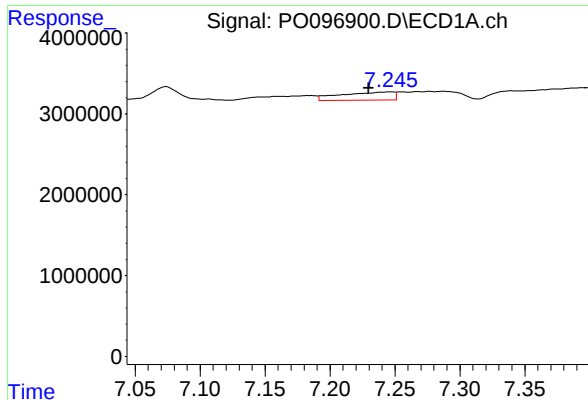
#30 AR-1254-5

R.T.: 7.807 min
Delta R.T.: 0.022 min
Response: 210333
Conc: 1.87 ng/ml



#30 AR-1254-5

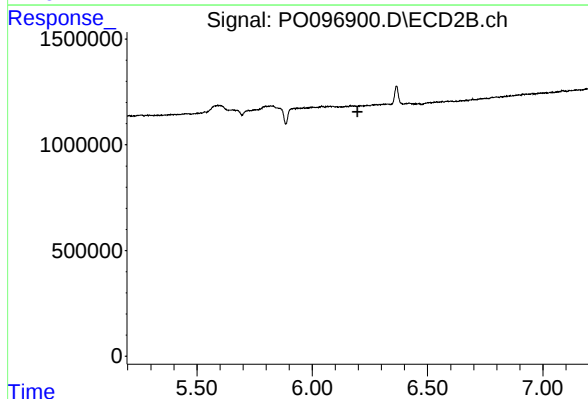
R.T.: 6.780 min
Delta R.T.: 0.067 min
Response: 95309
Conc: 1.08 ng/ml



#31 AR-1260-1

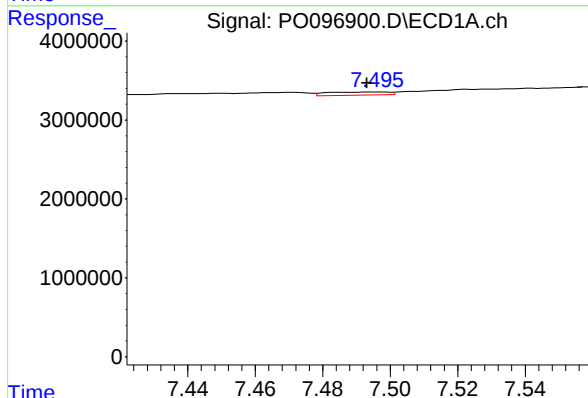
R.T.: 7.246 min
Delta R.T.: 0.016 min
Response: 2841425
Conc: 22.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



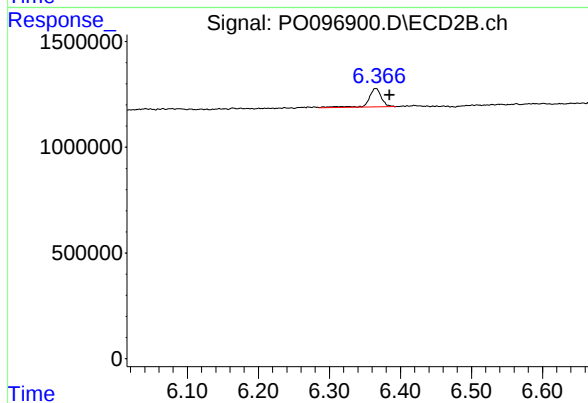
#31 AR-1260-1

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



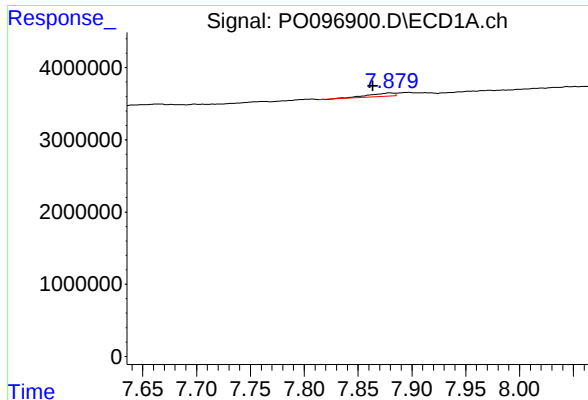
#32 AR-1260-2

R.T.: 7.496 min
Delta R.T.: 0.003 min
Response: 486540
Conc: 3.61 ng/ml



#32 AR-1260-2

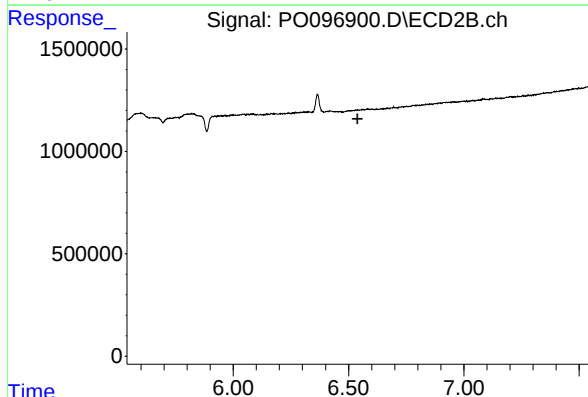
R.T.: 6.365 min
Delta R.T.: -0.020 min
Response: 1083423
Conc: 12.98 ng/ml



#33 AR-1260-3

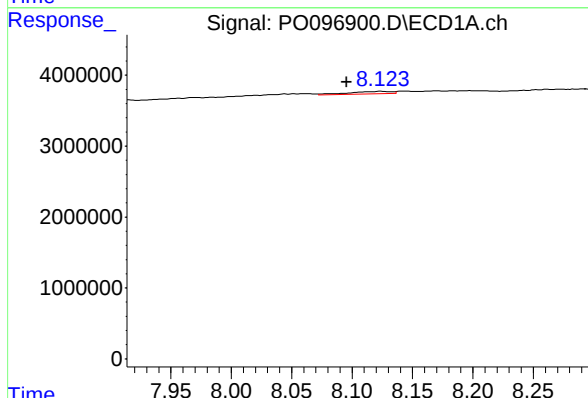
R.T.: 7.880 min
Delta R.T.: 0.016 min
Response: 710607
Conc: 6.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



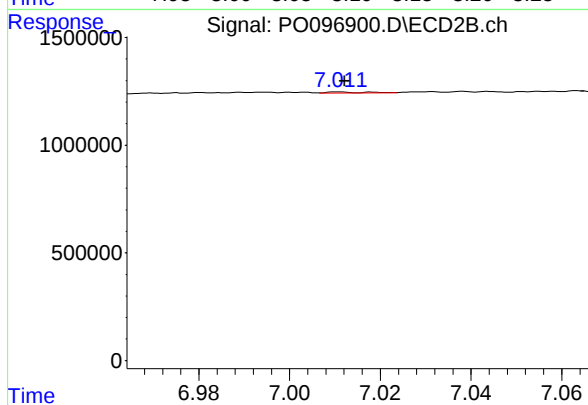
#33 AR-1260-3

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



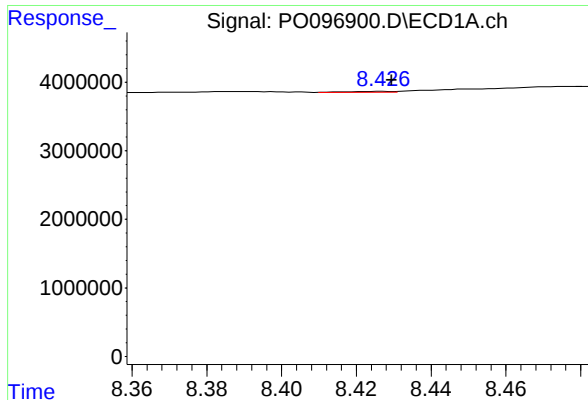
#34 AR-1260-4

R.T.: 8.124 min
Delta R.T.: 0.029 min
Response: 914376
Conc: 8.18 ng/ml



#34 AR-1260-4

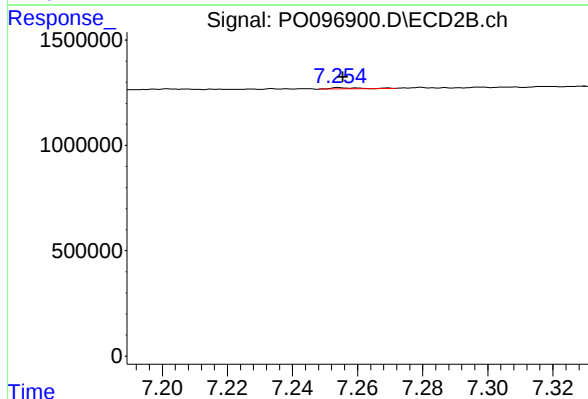
R.T.: 7.011 min
Delta R.T.: 0.000 min
Response: 26489
Conc: 0.41 ng/ml



#35 AR-1260-5

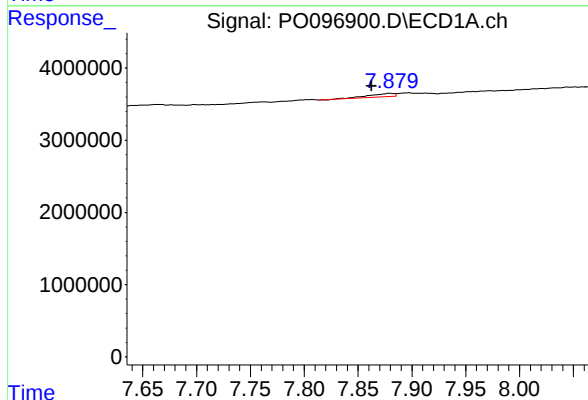
R.T.: 8.427 min
Delta R.T.: -0.002 min
Response: 113686
Conc: 0.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



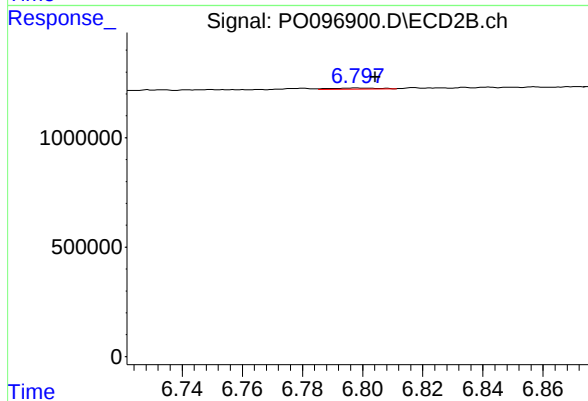
#35 AR-1260-5

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 30893
Conc: 0.22 ng/ml



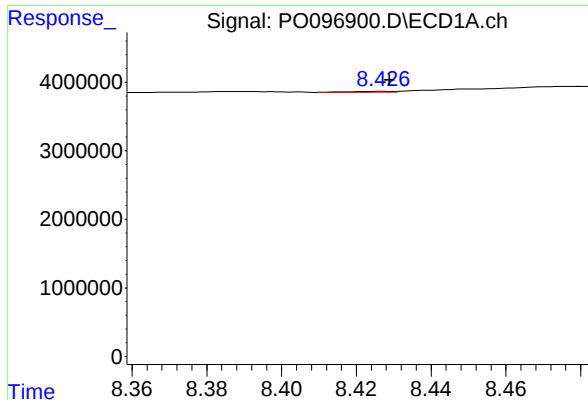
#36 AR-1262-1

R.T.: 7.880 min
Delta R.T.: 0.017 min
Response: 710607
Conc: 4.78 ng/ml



#36 AR-1262-1

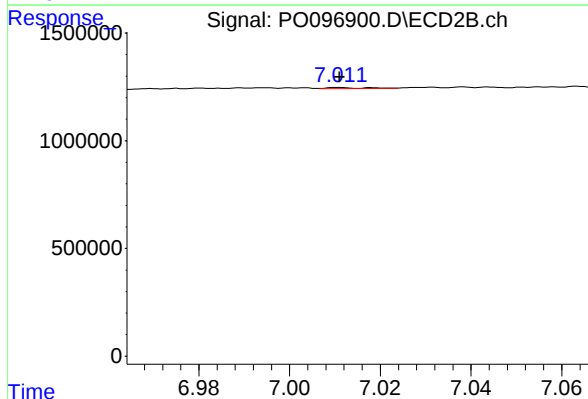
R.T.: 6.797 min
Delta R.T.: -0.007 min
Response: 51797
Conc: 1.32 ng/ml



#37 AR-1262-2

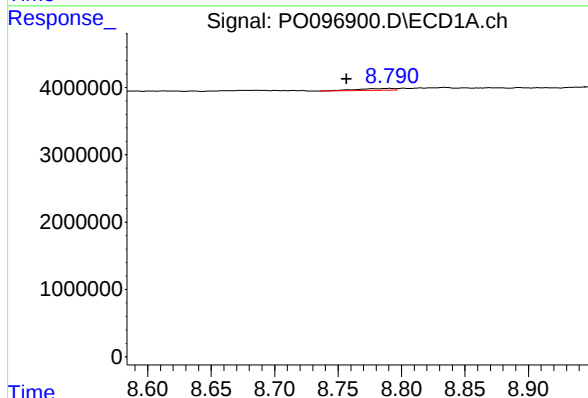
R.T.: 8.427 min
Delta R.T.: -0.002 min
Response: 113686
Conc: 0.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



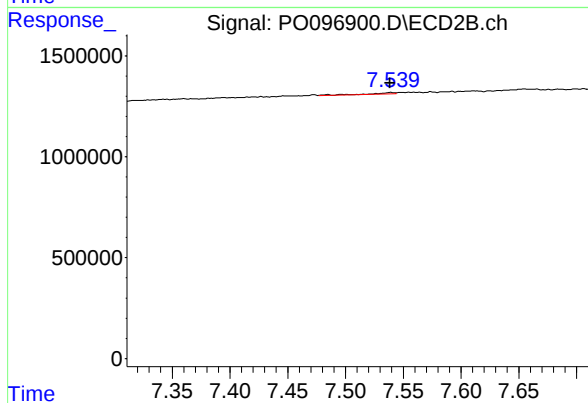
#37 AR-1262-2

R.T.: 7.011 min
Delta R.T.: 0.000 min
Response: 26489
Conc: 0.33 ng/ml



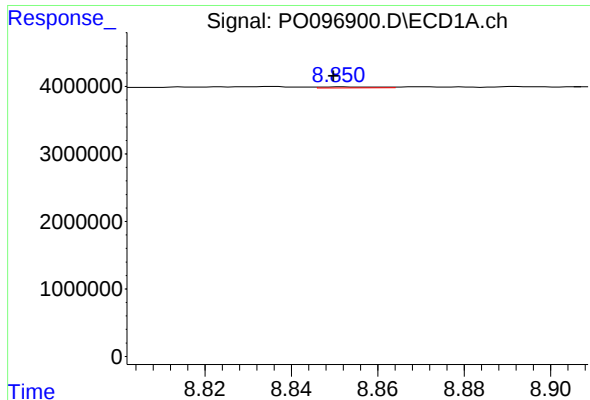
#38 AR-1262-3

R.T.: 8.791 min
Delta R.T.: 0.034 min
Response: 503447
Conc: 3.02 ng/ml



#38 AR-1262-3

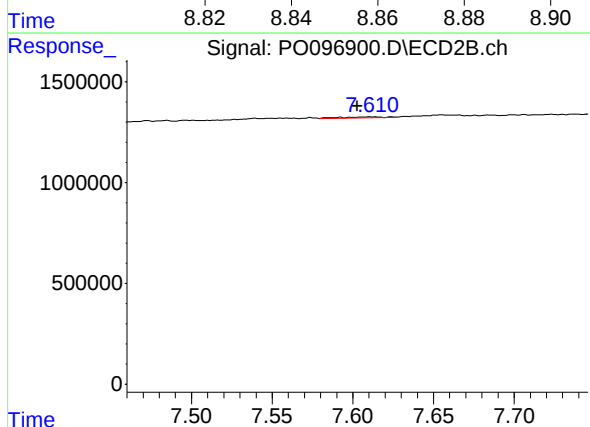
R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 97816
Conc: 1.52 ng/ml



#39 AR-1262-4

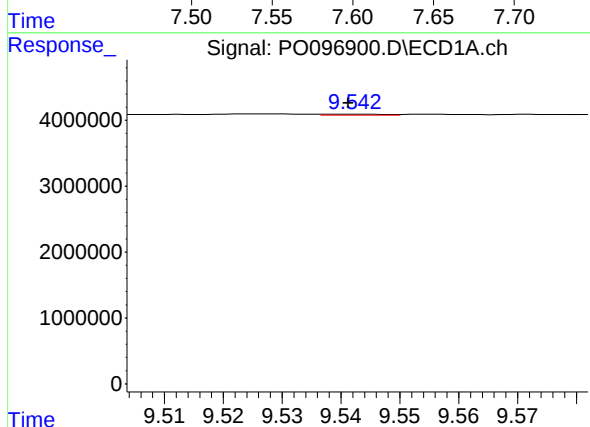
R.T.: 8.851 min
Delta R.T.: 0.002 min
Response: 152514
Conc: 2.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



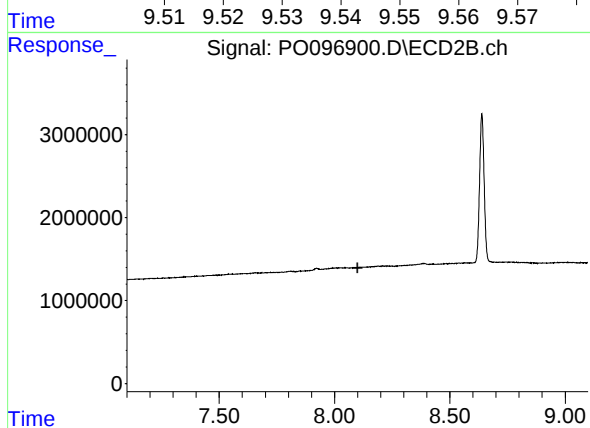
#39 AR-1262-4

R.T.: 7.611 min
Delta R.T.: 0.008 min
Response: 93130
Conc: 0.82 ng/ml



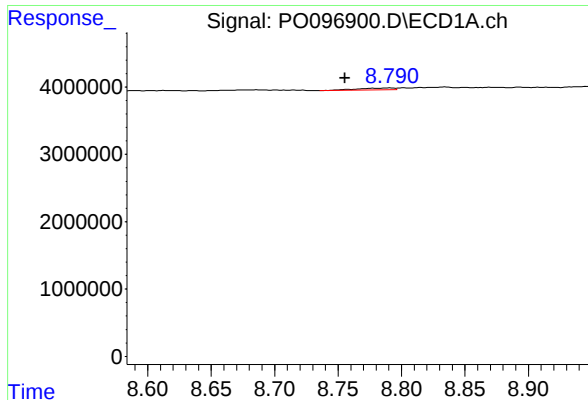
#40 AR-1262-5

R.T.: 9.542 min
Delta R.T.: 0.001 min
Response: 103406
Conc: 1.24 ng/ml



#40 AR-1262-5

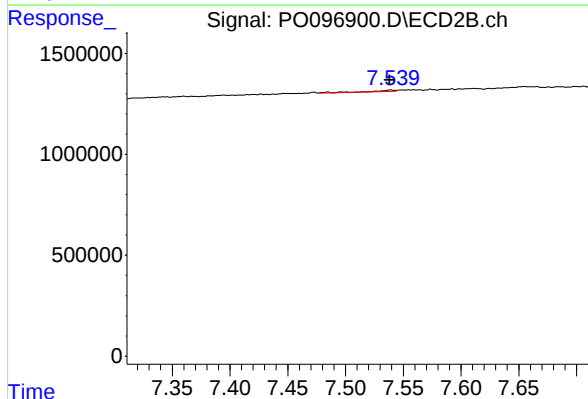
R.T.: 0.000 min
Exp R.T. : 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

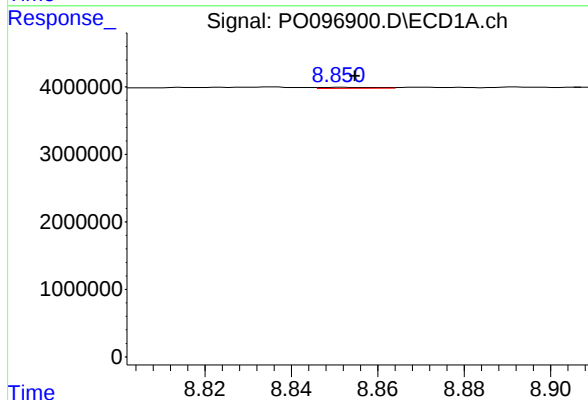
R.T.: 8.791 min
Delta R.T.: 0.035 min
Response: 503447
Conc: 1.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



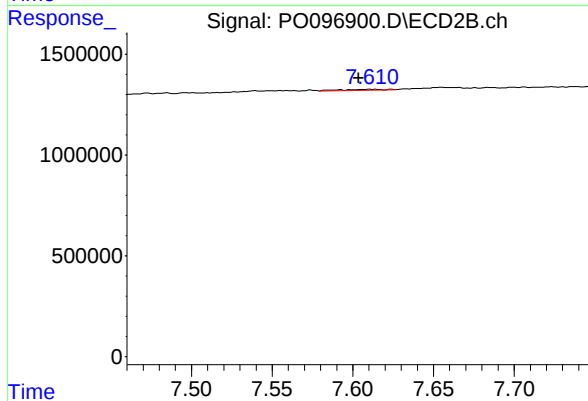
#41 AR-1268-1

R.T.: 7.539 min
Delta R.T.: 0.001 min
Response: 97816
Conc: 0.53 ng/ml



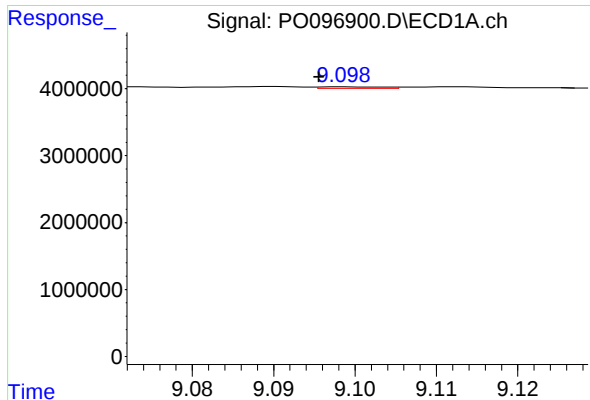
#42 AR-1268-2

R.T.: 8.851 min
Delta R.T.: -0.003 min
Response: 152514
Conc: 0.56 ng/ml



#42 AR-1268-2

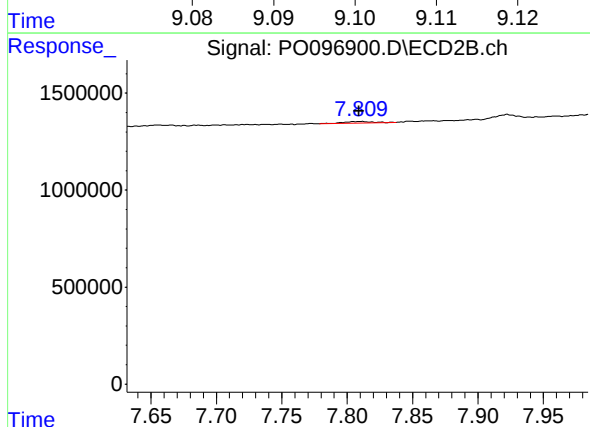
R.T.: 7.611 min
Delta R.T.: 0.008 min
Response: 93130
Conc: 0.56 ng/ml



#43 AR-1268-3

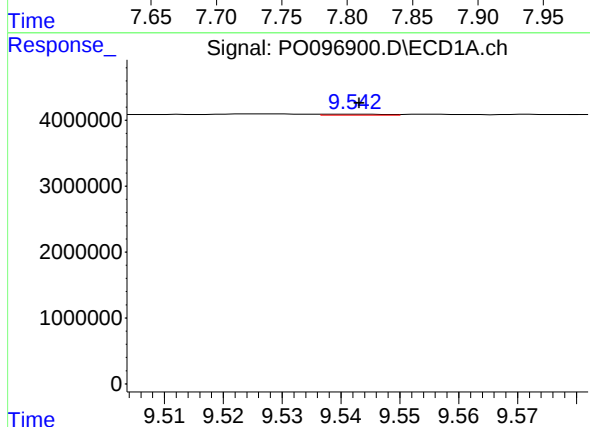
R.T.: 9.099 min
Delta R.T.: 0.003 min
Response: 129071
Conc: 0.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



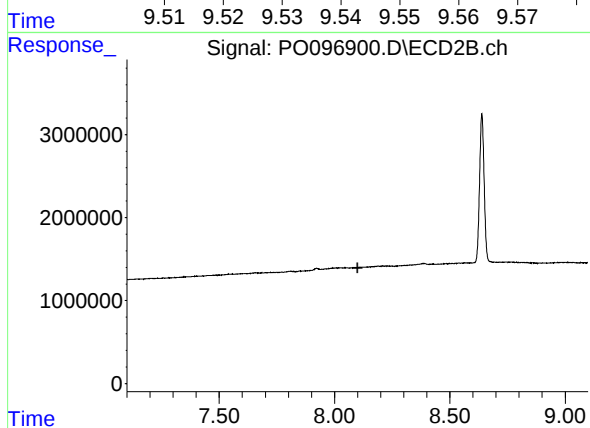
#43 AR-1268-3

R.T.: 7.811 min
Delta R.T.: 0.001 min
Response: 134361
Conc: 0.93 ng/ml



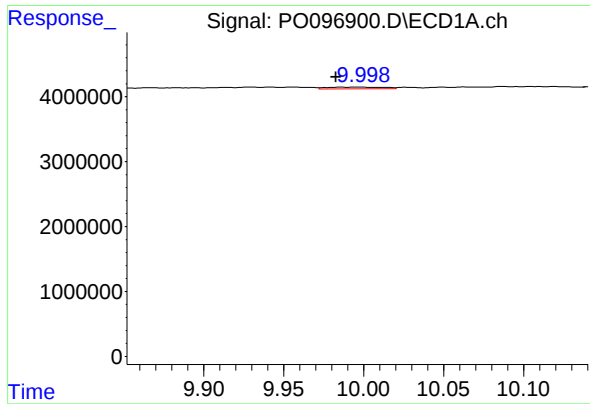
#44 AR-1268-4

R.T.: 9.542 min
Delta R.T.: 0.000 min
Response: 103406
Conc: 1.12 ng/ml



#44 AR-1268-4

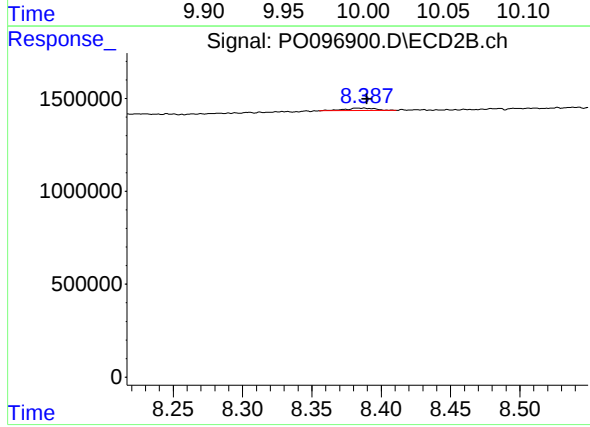
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.998 min
Delta R.T.: 0.015 min
Response: 627830
Conc: 0.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.387 min
Delta R.T.: -0.003 min
Response: 211365
Conc: 0.51 ng/ml