

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080923\
 Data File : P0096843.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 15:17
 Operator : YP/AJ
 Sample : 03572-01
 Misc : AR1248 LOD 25 PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 01:29:53 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	3.620	57746246	22892053	17.445	17.293
2) SA Decachlor...	10.355	8.642	42792853	23907137	19.556	20.664
Target Compounds						
3) L1 AR-1016-1	5.597	4.706	1224380	636263	13.000	14.351
4) L1 AR-1016-2	5.620	4.724	1464542	611130	10.948	9.991
5) L1 AR-1016-3	5.686	4.903	729499	471310	8.383	14.427 #
6) L1 AR-1016-4	5.782	4.944	914728	973324	13.618	34.049 #
7) L1 AR-1016-5	6.084	5.157	2291606	1228353	32.823	31.950
8) L2 AR-1221-1	4.623	0.000	97350	0	2.389	N.D. #
9) L2 AR-1221-2	4.691	3.920	13243	344472	0.436	26.660 #
10) L2 AR-1221-3	4.787	3.967	304749	137652	3.482	3.468
11) L3 AR-1232-1	4.787	3.967	304749	137652	4.178	4.255
12) L3 AR-1232-2	5.325	4.724	850183	611130	21.444	21.181
13) L3 AR-1232-3	5.620	4.903	1464542	471310	23.941	31.085 #
14) L3 AR-1232-4	5.782	4.986	914728	1027489	29.977	68.753 #
15) L3 AR-1232-5	5.877	5.157	2188246	1228353	78.199	75.143
16) L4 AR-1242-1	5.597	4.706	1224380	636263	14.608	16.139
17) L4 AR-1242-2	5.620	4.724	1464542	611130	12.436	11.215
18) L4 AR-1242-3	5.686	4.903	729499	471310	9.875	15.940 #
19) L4 AR-1242-4	5.782	4.986	914728	1027489	15.366	32.604 #
20) L4 AR-1242-5	6.537	5.510	1587316	1386191	28.850	38.044 #
21) L5 AR-1248-1	5.597	4.706	1224380	636263	20.896	22.673
22) L5 AR-1248-2	5.877	4.944	2188246	973324	23.275	22.966
23) L5 AR-1248-3	6.084	4.986	2291606	1027489	23.429	23.424
24) L5 AR-1248-4	6.497	5.157	1857605	1228353	20.448	24.062
25) L5 AR-1248-5	6.537	5.551	1587316	948969	18.020	20.298
26) L6 AR-1254-1	6.470	5.510	1477735	1386191	13.521	18.784 #
27) L6 AR-1254-2	6.699	5.659	2409032	411920	14.942	6.253 #
28) L6 AR-1254-3	7.071	6.063	1682534	855612	10.738	8.466
29) L6 AR-1254-4	7.366	6.293	898616	416032	8.913	7.188
30) L6 AR-1254-5	7.772	6.711	115247	146458	1.027	1.666 #
31) L7 AR-1260-1	7.241	6.210	266130	299709	2.117	4.259 #
32) L7 AR-1260-2	7.500	0.000	34760	0	0.258	N.D. #
33) L7 AR-1260-3	7.880	0.000	564367	0	5.438	N.D. #
34) L7 AR-1260-4	8.098	6.985	369587	398505	3.306	6.219 #
35) L7 AR-1260-5	8.435	7.258	151762	202201	0.723	1.459 #
36) L8 AR-1262-1	7.880	6.822	564367	573579	3.800	14.569 #
37) L8 AR-1262-2	8.435	6.985	151762	398505	0.656	4.913 #
38) L8 AR-1262-3	8.736	7.535	32610	265700	0.196	4.140 #
39) L8 AR-1262-4	8.846	7.608	121616	83856	1.668	0.738 #
40) L8 AR-1262-5	9.535	0.000	96472	0	1.158	N.D. #
41) L9 AR-1268-1	8.736	7.535	32610	265700	0.106	1.434 #

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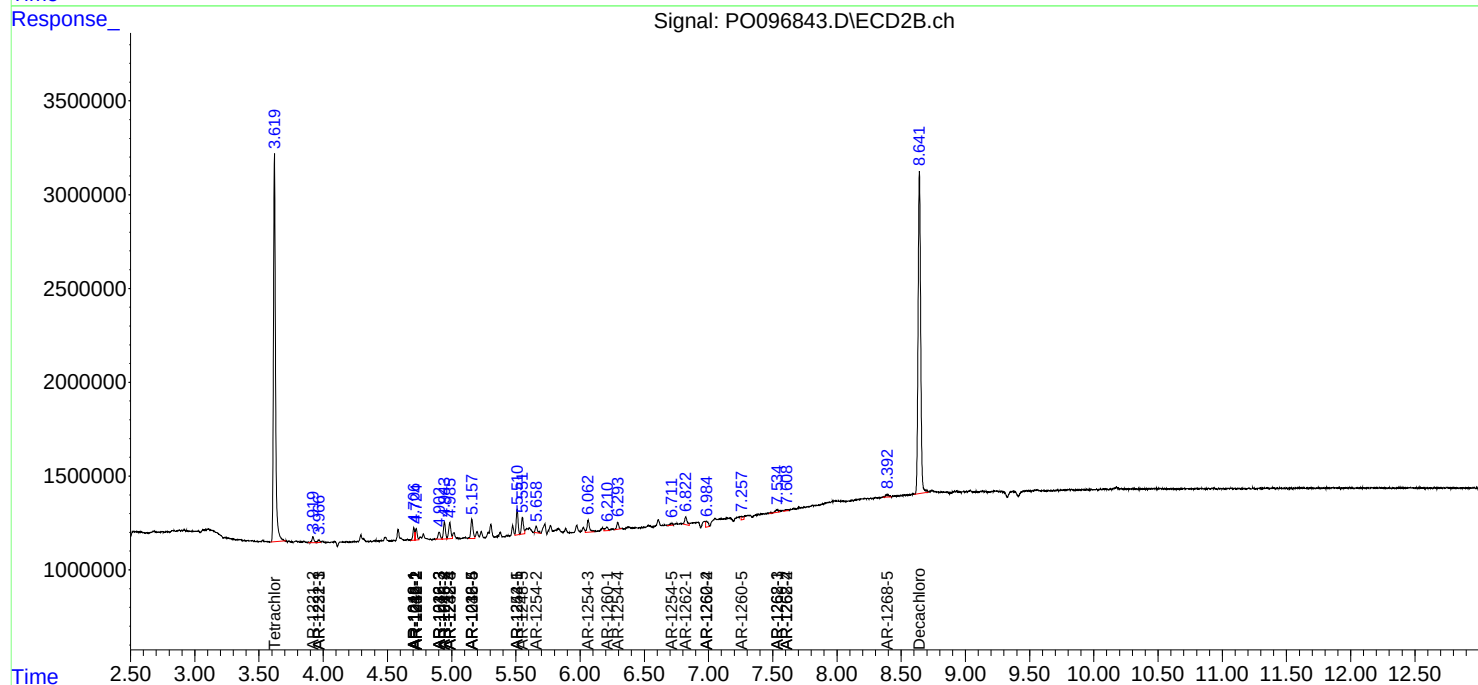
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

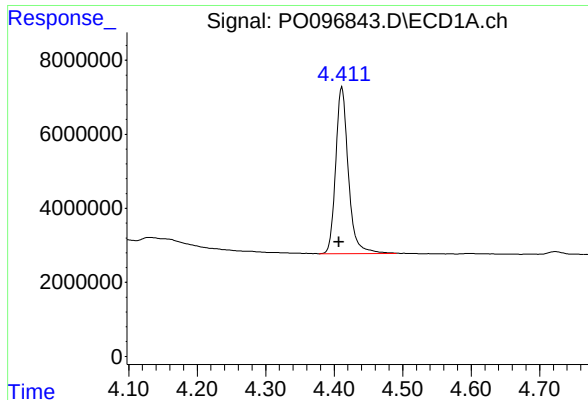
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.858	7.608	64996	83856	0.237	0.500 #
43) L9	AR-1268-3	9.100	0.000	328047	0	1.284	N.D. #
44) L9	AR-1268-4	9.535	0.000	96472	0	1.041	N.D. #
45) L9	AR-1268-5	9.991	8.391	155110	242816	0.192	0.584 #

(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

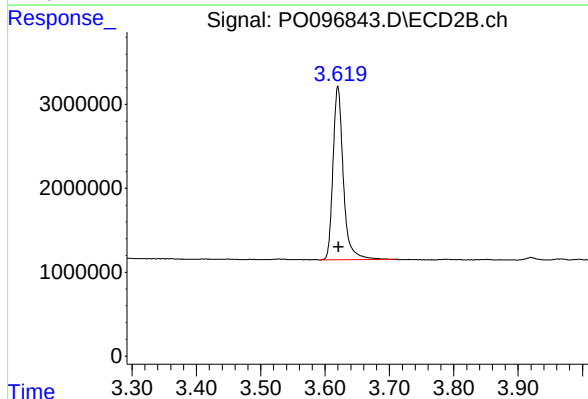




#1 Tetrachloro-m-xylene

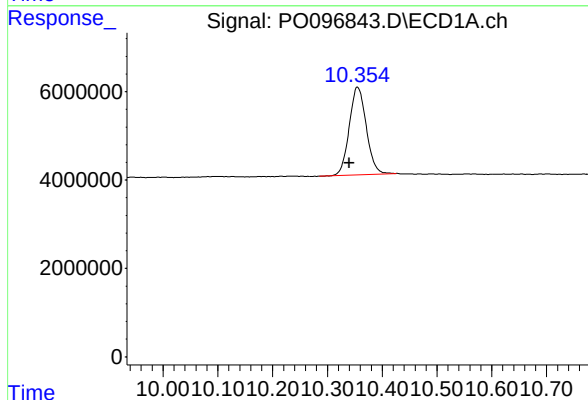
R.T.: 4.411 min
Delta R.T.: 0.004 min
Response: 57746246
Conc: 17.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



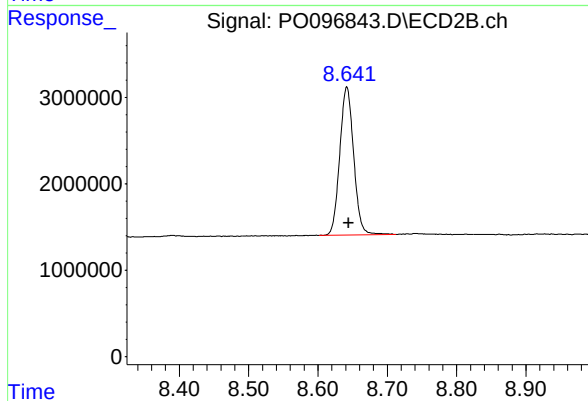
#1 Tetrachloro-m-xylene

R.T.: 3.620 min
Delta R.T.: -0.001 min
Response: 22892053
Conc: 17.29 ng/ml



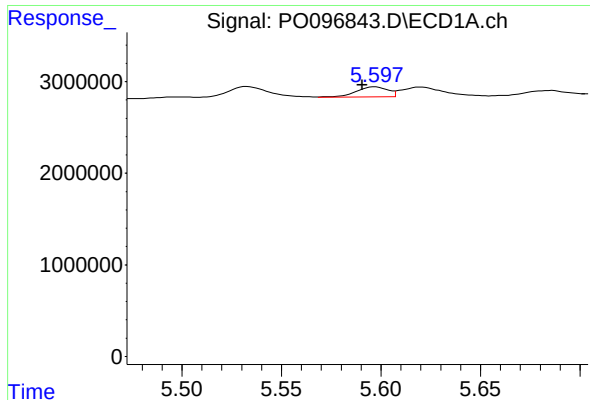
#2 Decachlorobiphenyl

R.T.: 10.355 min
Delta R.T.: 0.015 min
Response: 42792853
Conc: 19.56 ng/ml



#2 Decachlorobiphenyl

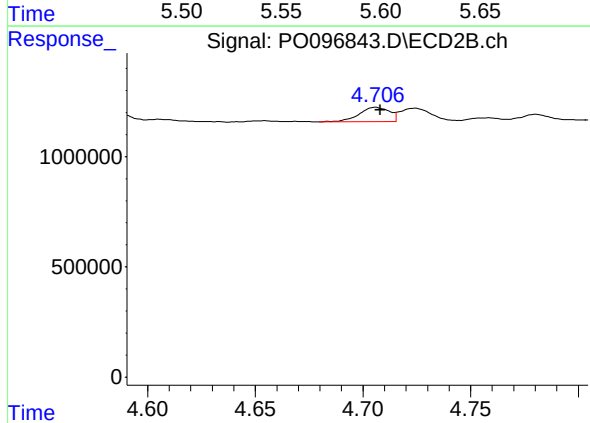
R.T.: 8.642 min
Delta R.T.: -0.003 min
Response: 23907137
Conc: 20.66 ng/ml



#3 AR-1016-1

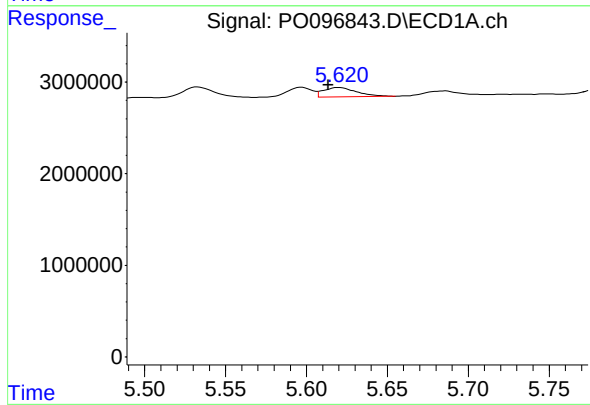
R.T.: 5.597 min
Delta R.T.: 0.006 min
Response: 1224380
Conc: 13.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



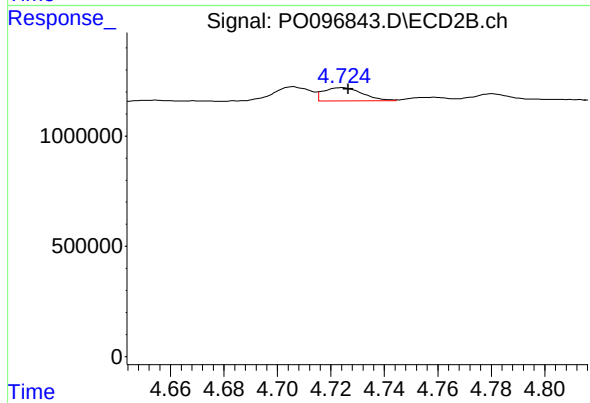
#3 AR-1016-1

R.T.: 4.706 min
Delta R.T.: -0.002 min
Response: 636263
Conc: 14.35 ng/ml



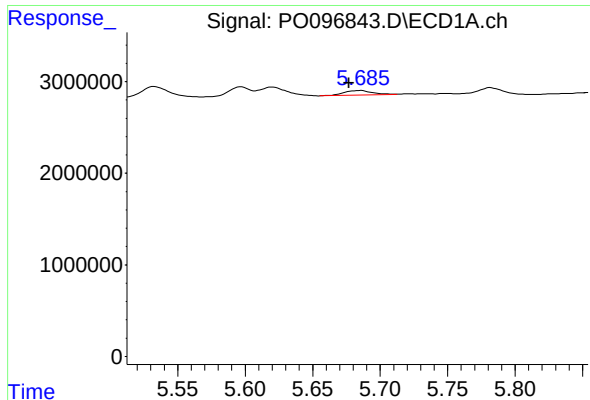
#4 AR-1016-2

R.T.: 5.620 min
Delta R.T.: 0.007 min
Response: 1464542
Conc: 10.95 ng/ml



#4 AR-1016-2

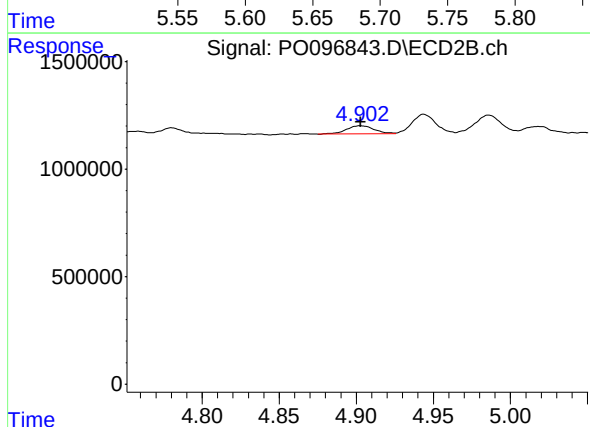
R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 611130
Conc: 9.99 ng/ml



#5 AR-1016-3

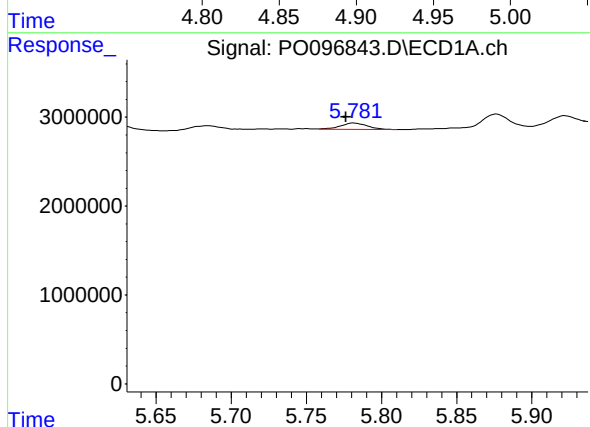
R.T.: 5.686 min
Delta R.T.: 0.009 min
Response: 729499
Conc: 8.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



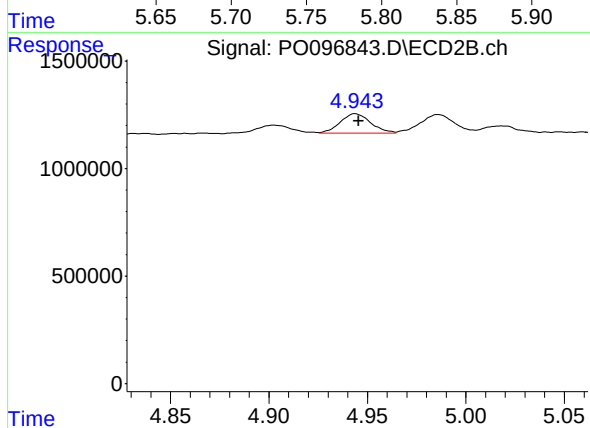
#5 AR-1016-3

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 471310
Conc: 14.43 ng/ml



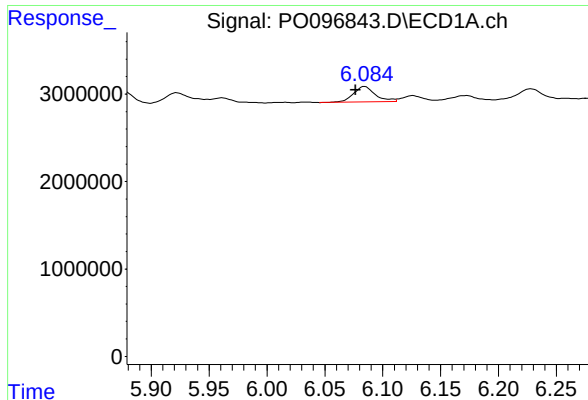
#6 AR-1016-4

R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 914728
Conc: 13.62 ng/ml



#6 AR-1016-4

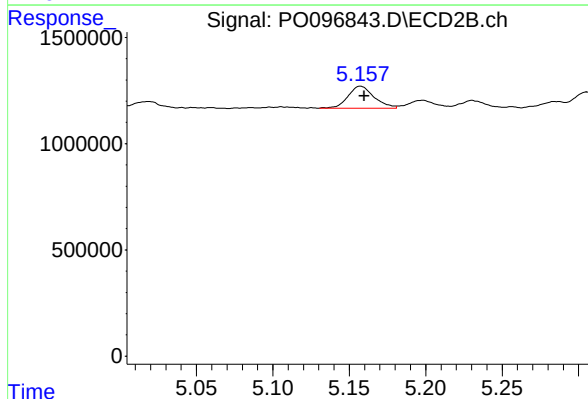
R.T.: 4.944 min
Delta R.T.: -0.002 min
Response: 973324
Conc: 34.05 ng/ml



#7 AR-1016-5

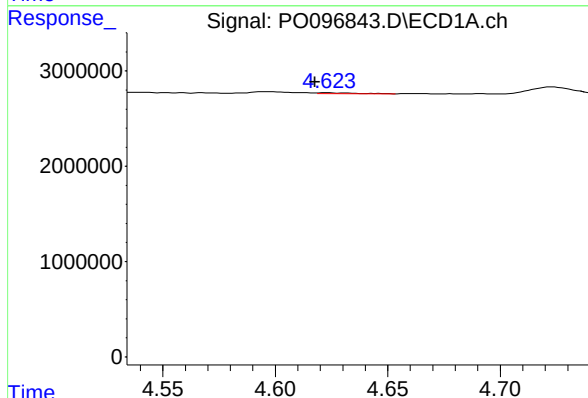
R.T.: 6.084 min
Delta R.T.: 0.008 min
Response: 2291606
Conc: 32.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



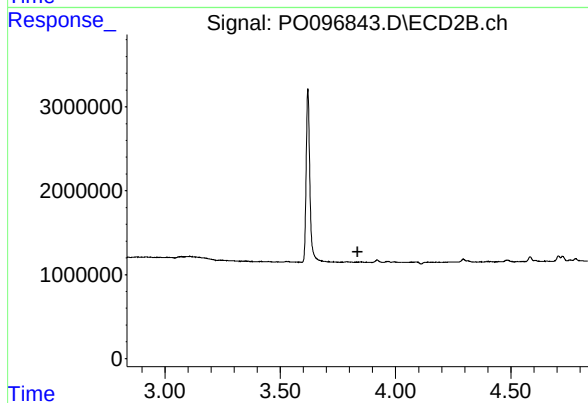
#7 AR-1016-5

R.T.: 5.157 min
Delta R.T.: -0.002 min
Response: 1228353
Conc: 31.95 ng/ml



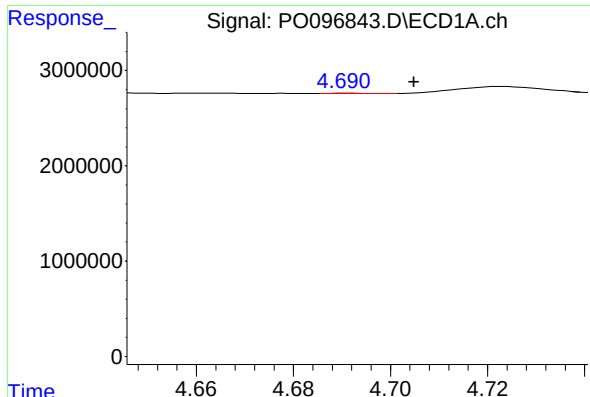
#8 AR-1221-1

R.T.: 4.623 min
Delta R.T.: 0.006 min
Response: 97350
Conc: 2.39 ng/ml



#8 AR-1221-1

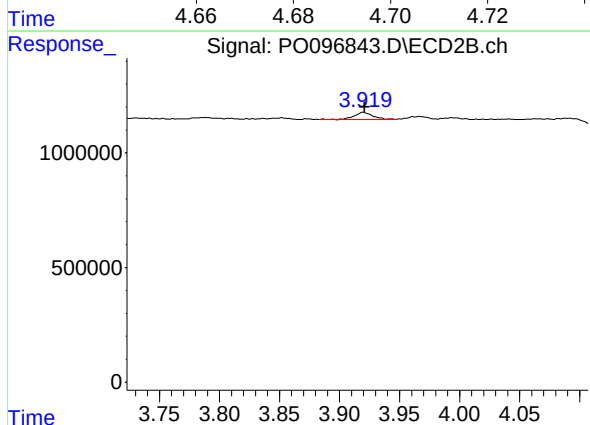
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

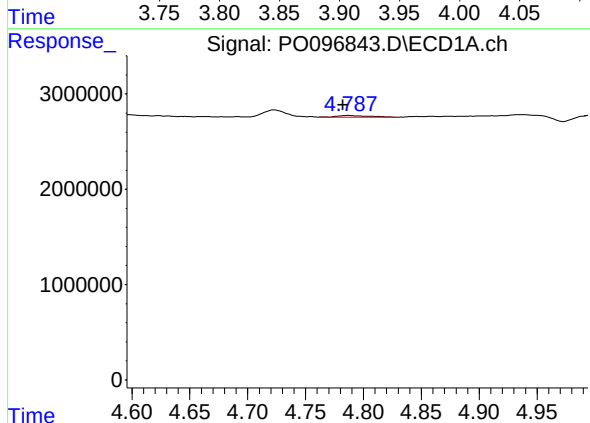
R.T.: 4.691 min
Delta R.T.: -0.014 min
Response: 13243
Conc: 0.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



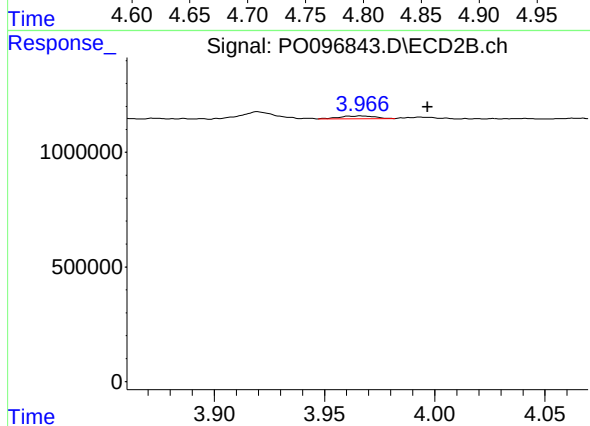
#9 AR-1221-2

R.T.: 3.920 min
Delta R.T.: 0.000 min
Response: 344472
Conc: 26.66 ng/ml



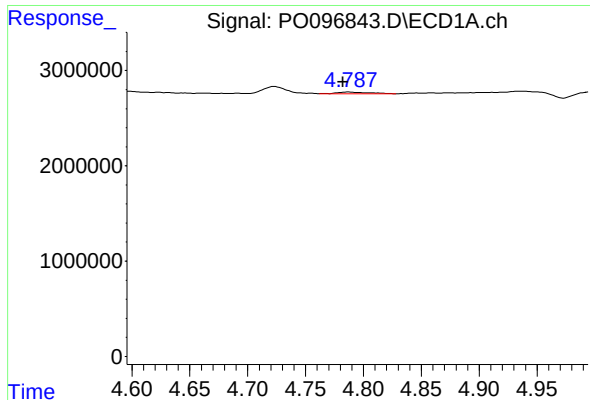
#10 AR-1221-3

R.T.: 4.787 min
Delta R.T.: 0.005 min
Response: 304749
Conc: 3.48 ng/ml



#10 AR-1221-3

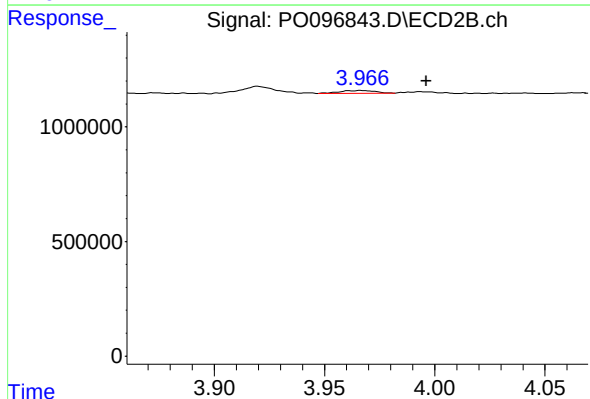
R.T.: 3.967 min
Delta R.T.: -0.030 min
Response: 137652
Conc: 3.47 ng/ml



#11 AR-1232-1

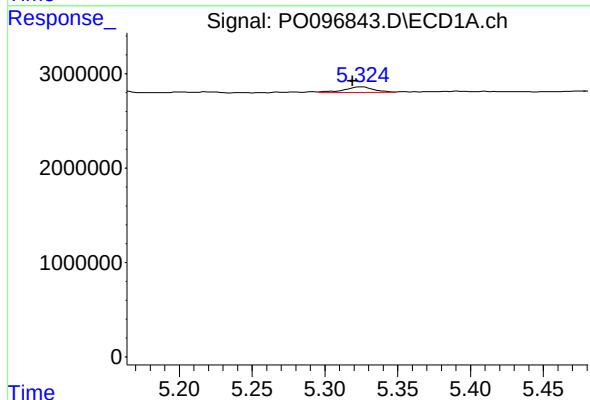
R.T.: 4.787 min
Delta R.T.: 0.005 min
Response: 304749
Conc: 4.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



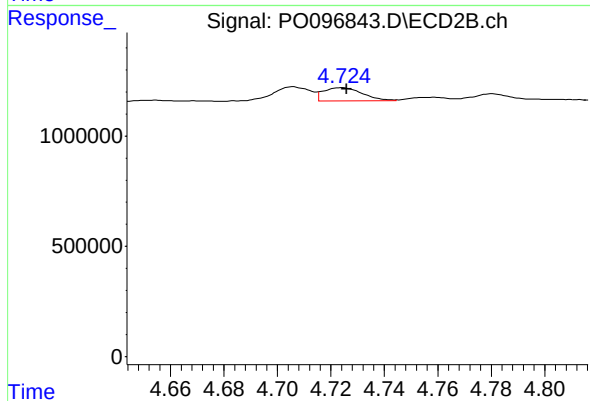
#11 AR-1232-1

R.T.: 3.967 min
Delta R.T.: -0.029 min
Response: 137652
Conc: 4.26 ng/ml



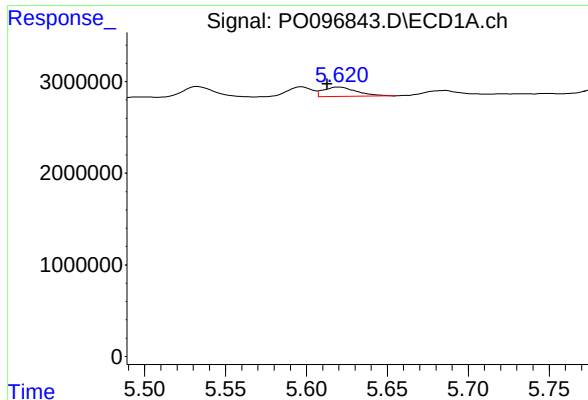
#12 AR-1232-2

R.T.: 5.325 min
Delta R.T.: 0.006 min
Response: 850183
Conc: 21.44 ng/ml



#12 AR-1232-2

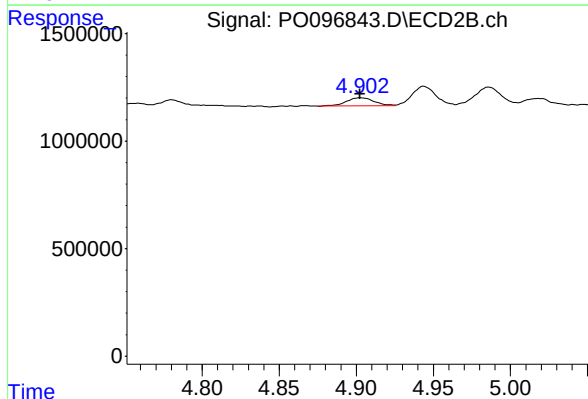
R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 611130
Conc: 21.18 ng/ml



#13 AR-1232-3

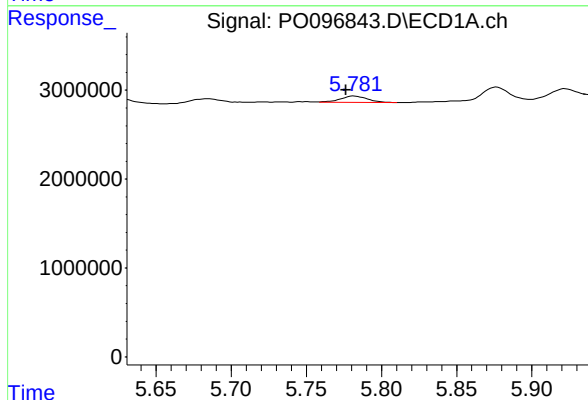
R.T.: 5.620 min
Delta R.T.: 0.007 min
Response: 1464542
Conc: 23.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



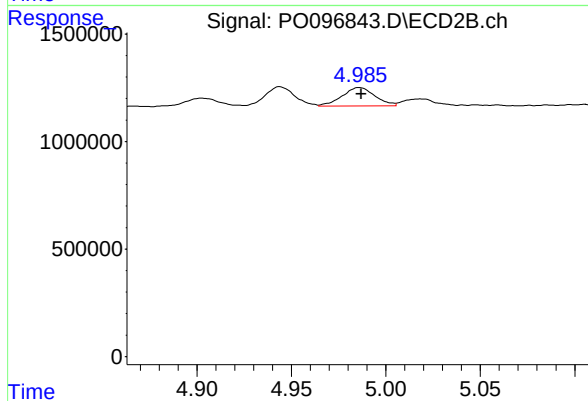
#13 AR-1232-3

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 471310
Conc: 31.09 ng/ml



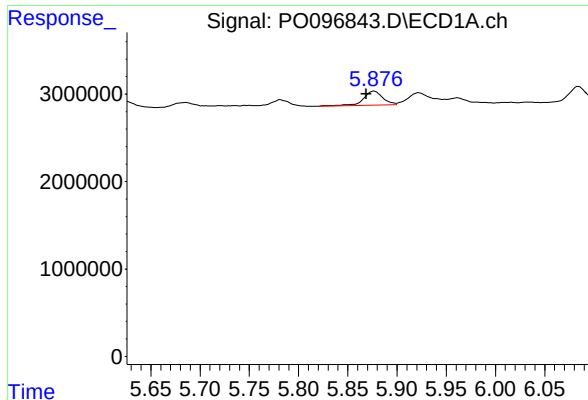
#14 AR-1232-4

R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 914728
Conc: 29.98 ng/ml



#14 AR-1232-4

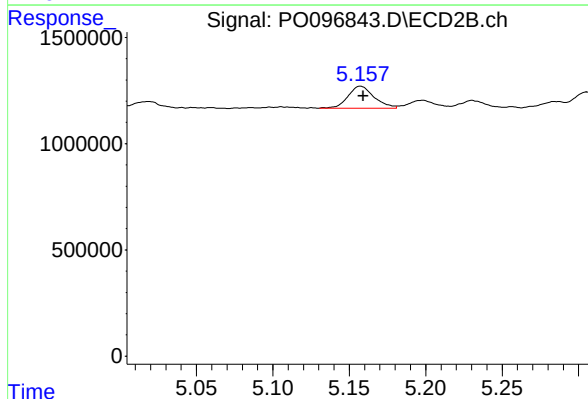
R.T.: 4.986 min
Delta R.T.: -0.001 min
Response: 1027489
Conc: 68.75 ng/ml



#15 AR-1232-5

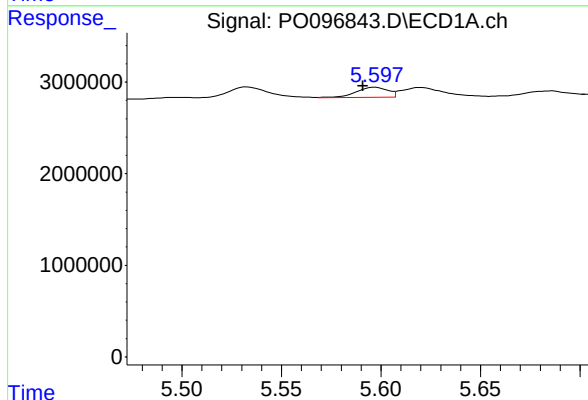
R.T.: 5.877 min
Delta R.T.: 0.008 min
Response: 2188246
Conc: 78.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



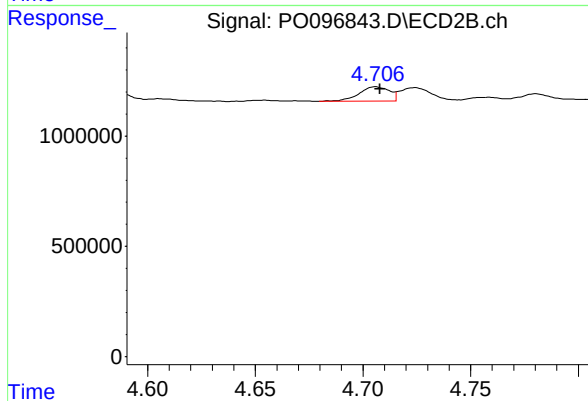
#15 AR-1232-5

R.T.: 5.157 min
Delta R.T.: -0.002 min
Response: 1228353
Conc: 75.14 ng/ml



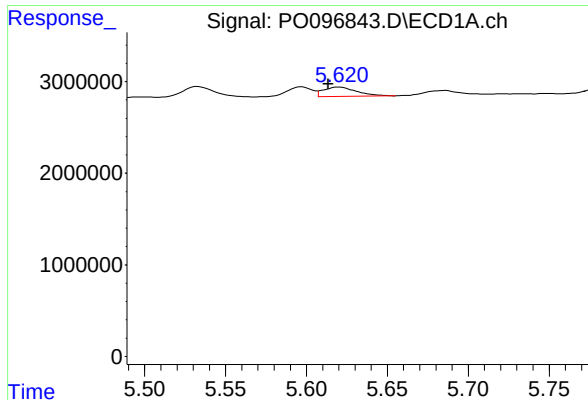
#16 AR-1242-1

R.T.: 5.597 min
Delta R.T.: 0.006 min
Response: 1224380
Conc: 14.61 ng/ml



#16 AR-1242-1

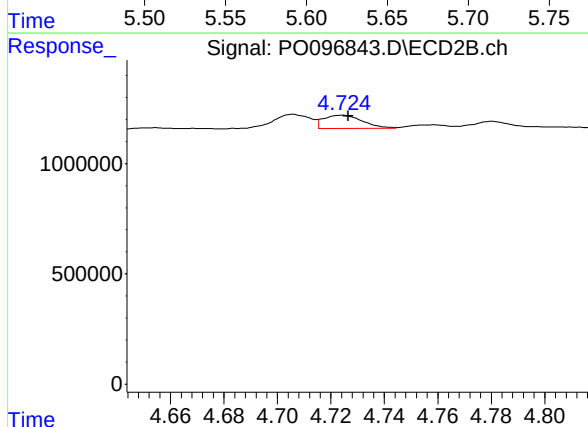
R.T.: 4.706 min
Delta R.T.: -0.002 min
Response: 636263
Conc: 16.14 ng/ml



#17 AR-1242-2

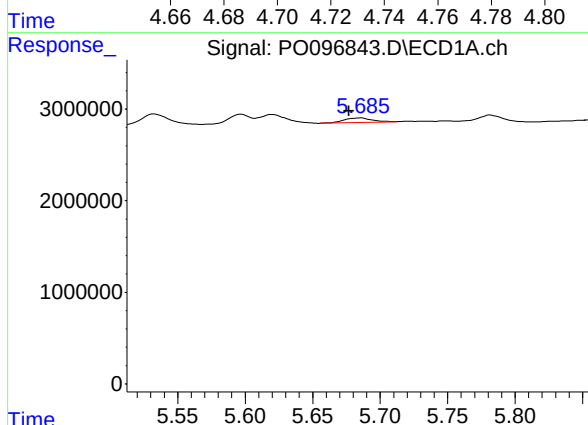
R.T.: 5.620 min
Delta R.T.: 0.007 min
Response: 1464542
Conc: 12.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



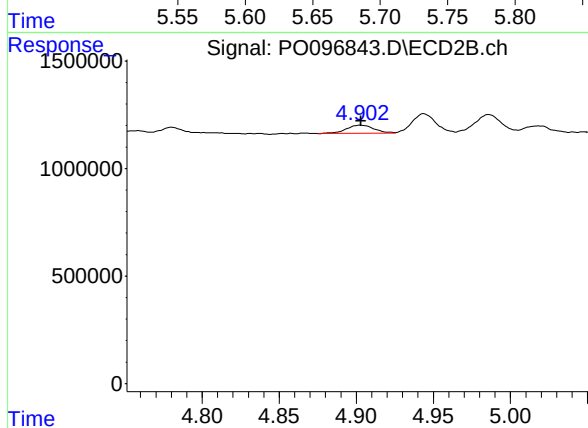
#17 AR-1242-2

R.T.: 4.724 min
Delta R.T.: -0.003 min
Response: 611130
Conc: 11.22 ng/ml



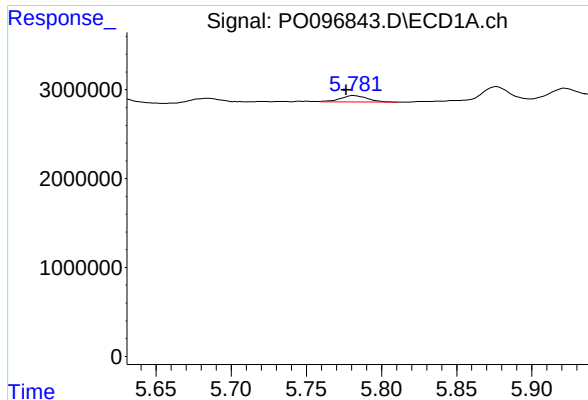
#18 AR-1242-3

R.T.: 5.686 min
Delta R.T.: 0.009 min
Response: 729499
Conc: 9.88 ng/ml



#18 AR-1242-3

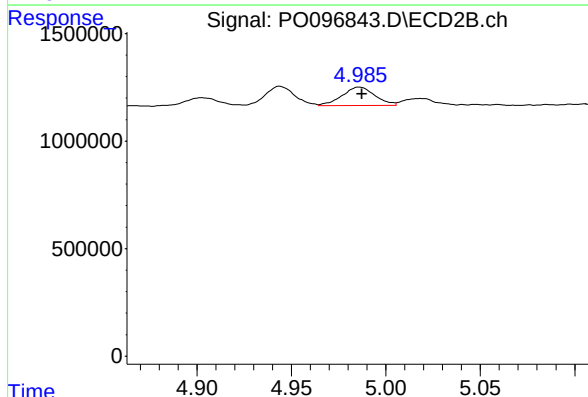
R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 471310
Conc: 15.94 ng/ml



#19 AR-1242-4

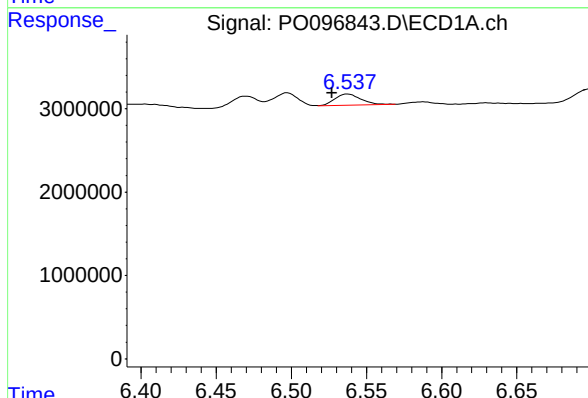
R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 914728
Conc: 15.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



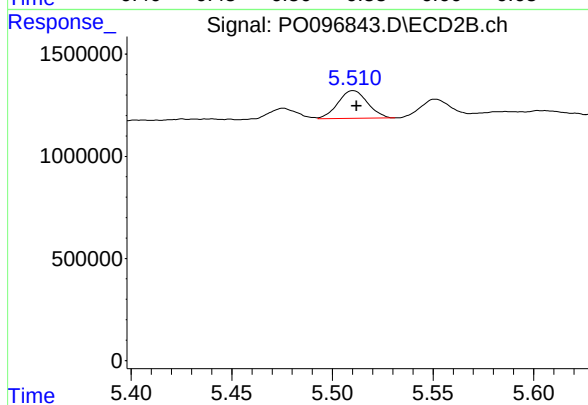
#19 AR-1242-4

R.T.: 4.986 min
Delta R.T.: -0.001 min
Response: 1027489
Conc: 32.60 ng/ml



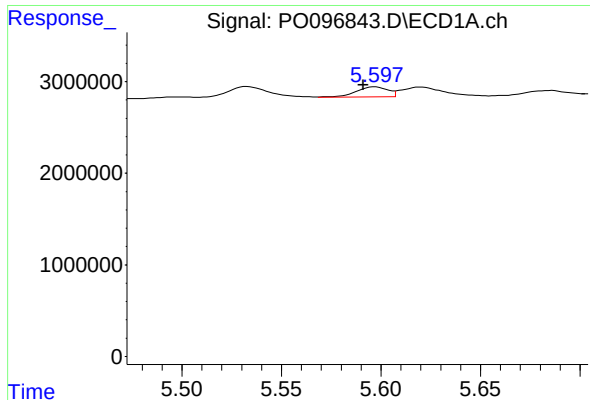
#20 AR-1242-5

R.T.: 6.537 min
Delta R.T.: 0.010 min
Response: 1587316
Conc: 28.85 ng/ml



#20 AR-1242-5

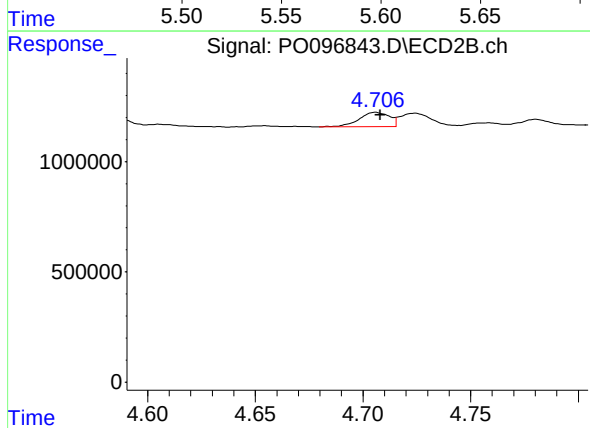
R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 1386191
Conc: 38.04 ng/ml



#21 AR-1248-1

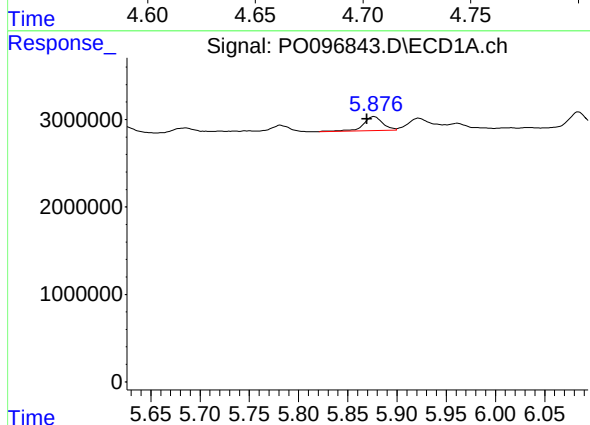
R.T.: 5.597 min
Delta R.T.: 0.006 min
Response: 1224380
Conc: 20.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



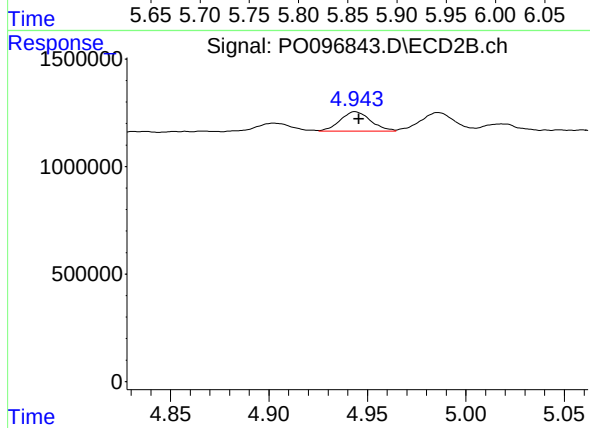
#21 AR-1248-1

R.T.: 4.706 min
Delta R.T.: -0.002 min
Response: 636263
Conc: 22.67 ng/ml



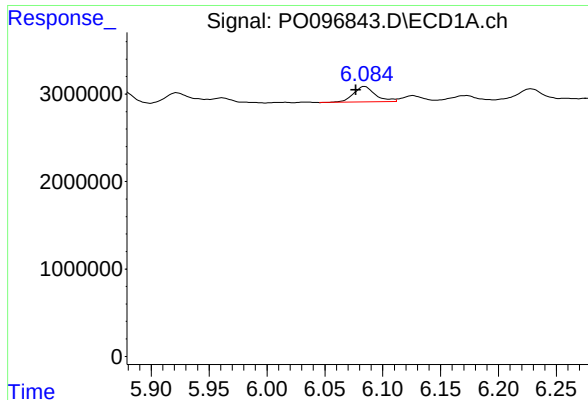
#22 AR-1248-2

R.T.: 5.877 min
Delta R.T.: 0.007 min
Response: 2188246
Conc: 23.27 ng/ml



#22 AR-1248-2

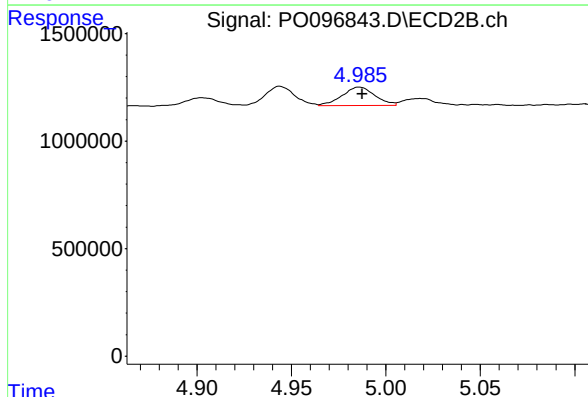
R.T.: 4.944 min
Delta R.T.: -0.002 min
Response: 973324
Conc: 22.97 ng/ml



#23 AR-1248-3

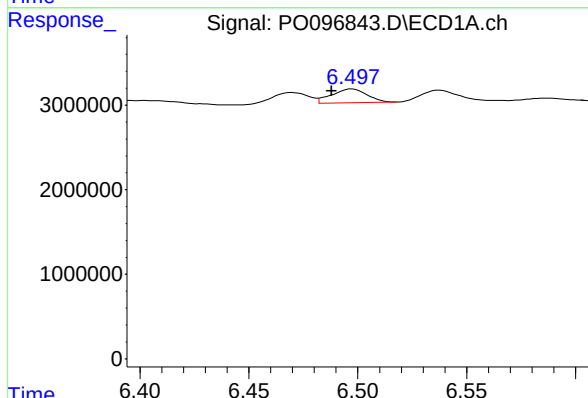
R.T.: 6.084 min
Delta R.T.: 0.007 min
Response: 2291606
Conc: 23.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



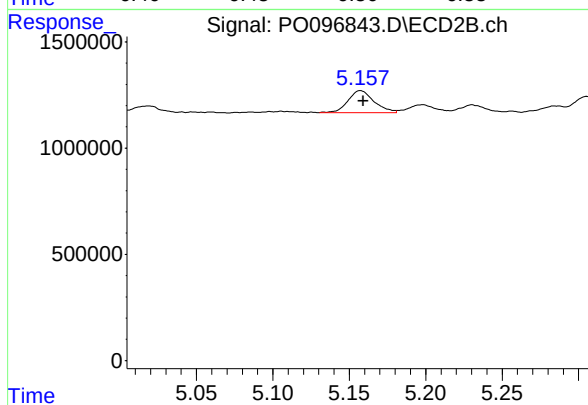
#23 AR-1248-3

R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 1027489
Conc: 23.42 ng/ml



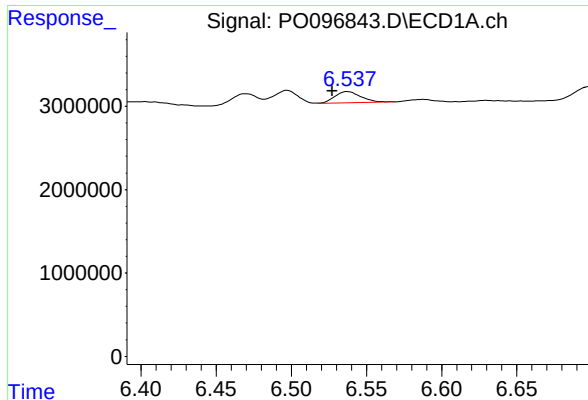
#24 AR-1248-4

R.T.: 6.497 min
Delta R.T.: 0.009 min
Response: 1857605
Conc: 20.45 ng/ml



#24 AR-1248-4

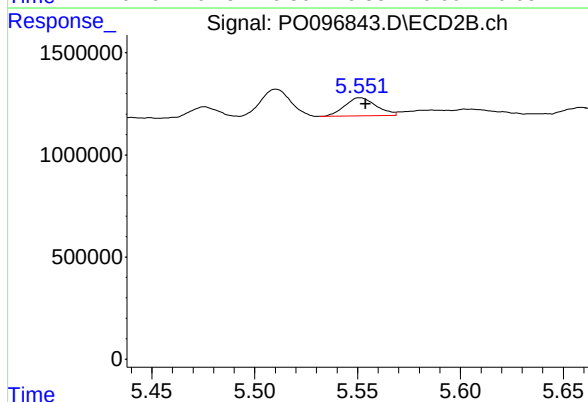
R.T.: 5.157 min
Delta R.T.: -0.002 min
Response: 1228353
Conc: 24.06 ng/ml



#25 AR-1248-5

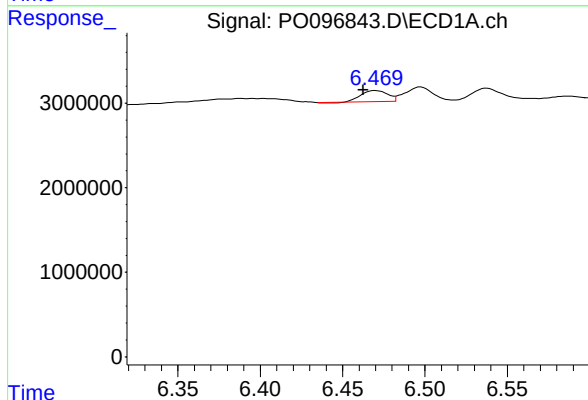
R.T.: 6.537 min
Delta R.T.: 0.010 min
Response: 1587316
Conc: 18.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



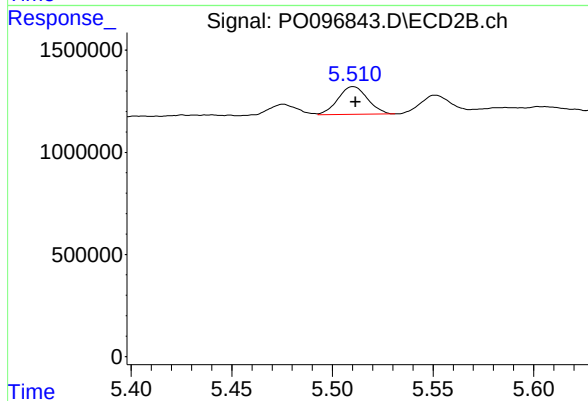
#25 AR-1248-5

R.T.: 5.551 min
Delta R.T.: -0.003 min
Response: 948969
Conc: 20.30 ng/ml



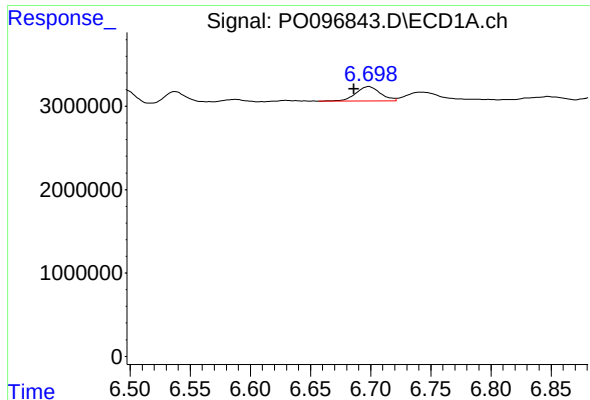
#26 AR-1254-1

R.T.: 6.470 min
Delta R.T.: 0.008 min
Response: 1477735
Conc: 13.52 ng/ml



#26 AR-1254-1

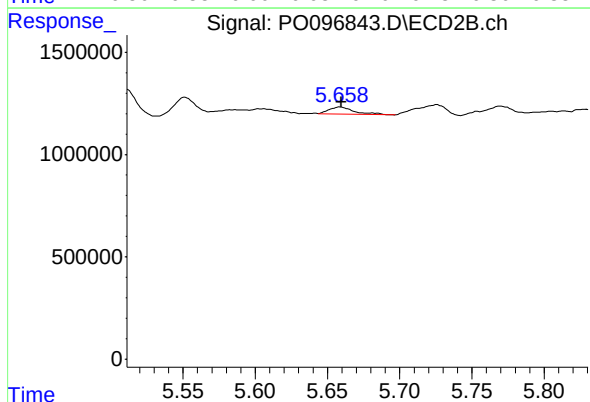
R.T.: 5.510 min
Delta R.T.: -0.001 min
Response: 1386191
Conc: 18.78 ng/ml



#27 AR-1254-2

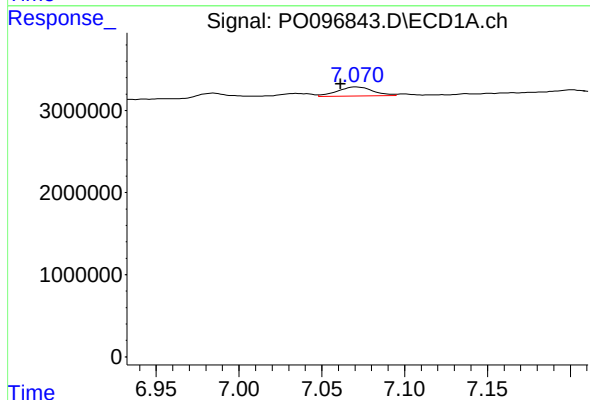
R.T.: 6.699 min
Delta R.T.: 0.013 min
Response: 2409032
Conc: 14.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



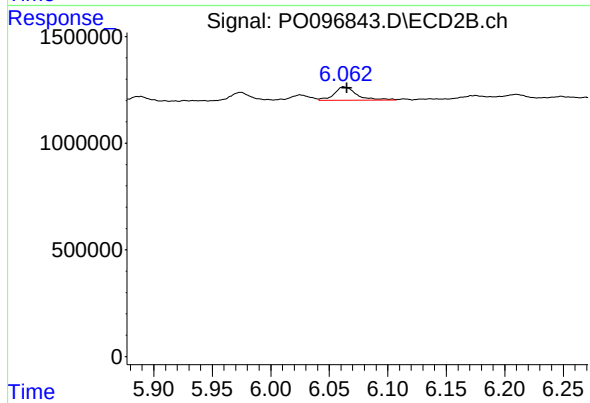
#27 AR-1254-2

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 411920
Conc: 6.25 ng/ml



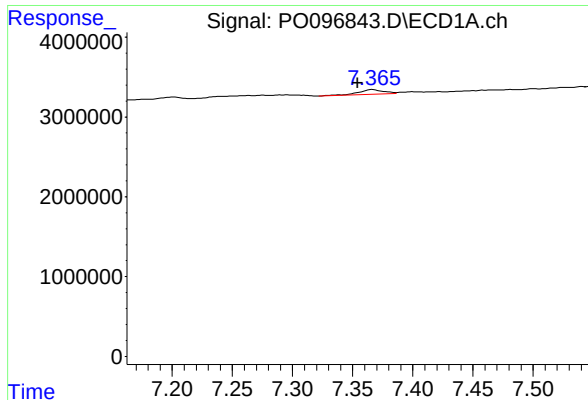
#28 AR-1254-3

R.T.: 7.071 min
Delta R.T.: 0.010 min
Response: 1682534
Conc: 10.74 ng/ml



#28 AR-1254-3

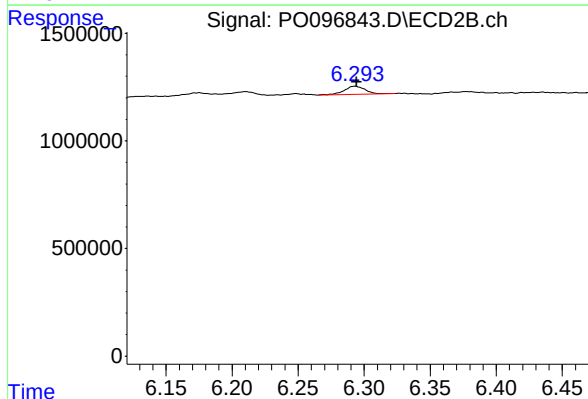
R.T.: 6.063 min
Delta R.T.: -0.003 min
Response: 855612
Conc: 8.47 ng/ml



#29 AR-1254-4

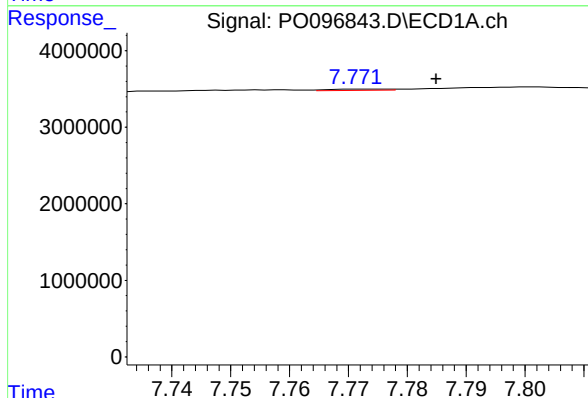
R.T.: 7.366 min
Delta R.T.: 0.012 min
Response: 898616
Conc: 8.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



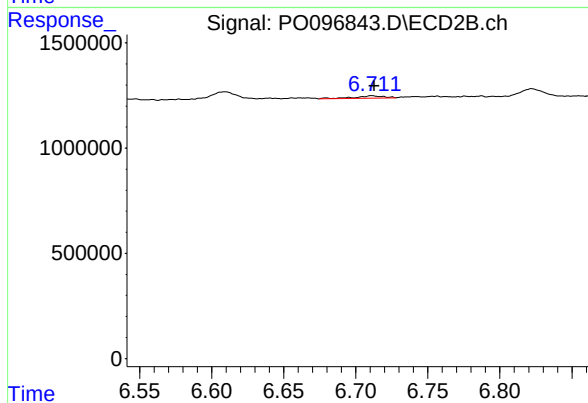
#29 AR-1254-4

R.T.: 6.293 min
Delta R.T.: -0.001 min
Response: 416032
Conc: 7.19 ng/ml



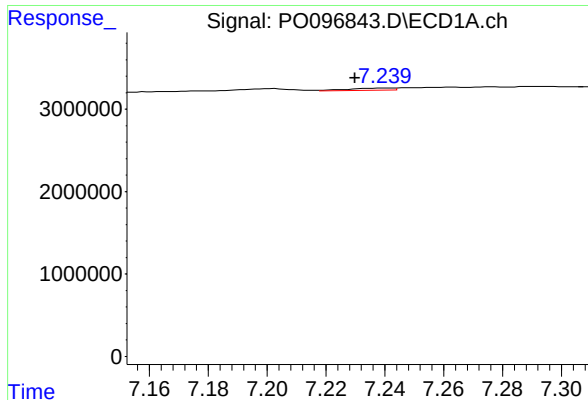
#30 AR-1254-5

R.T.: 7.772 min
Delta R.T.: -0.013 min
Response: 115247
Conc: 1.03 ng/ml



#30 AR-1254-5

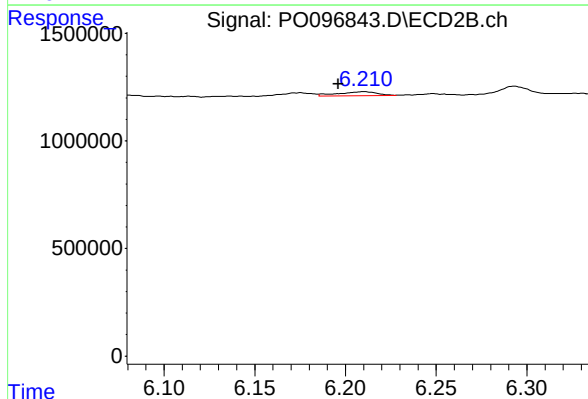
R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 146458
Conc: 1.67 ng/ml



#31 AR-1260-1

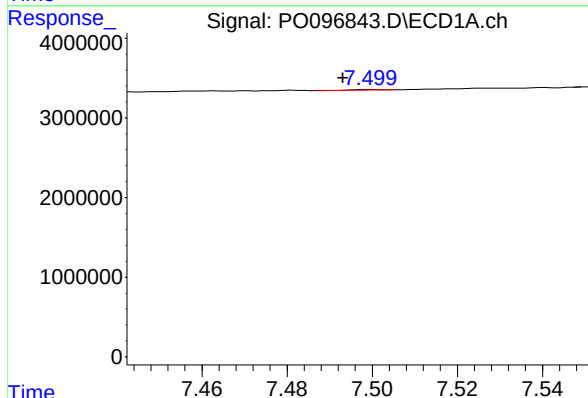
R.T.: 7.241 min
Delta R.T.: 0.011 min
Response: 266130
Conc: 2.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



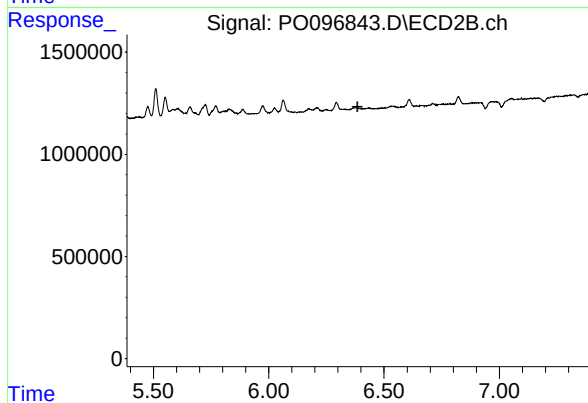
#31 AR-1260-1

R.T.: 6.210 min
Delta R.T.: 0.014 min
Response: 299709
Conc: 4.26 ng/ml



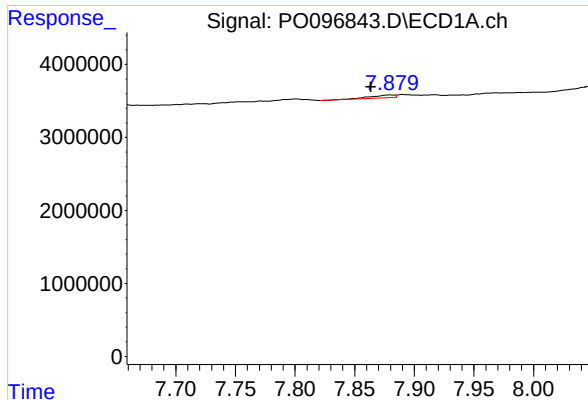
#32 AR-1260-2

R.T.: 7.500 min
Delta R.T.: 0.007 min
Response: 34760
Conc: 0.26 ng/ml



#32 AR-1260-2

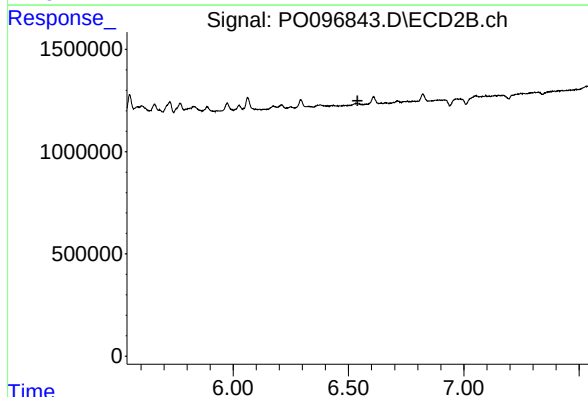
R.T.: 0.000 min
Exp R.T. : 6.385 min
Response: 0
Conc: N.D.



#33 AR-1260-3

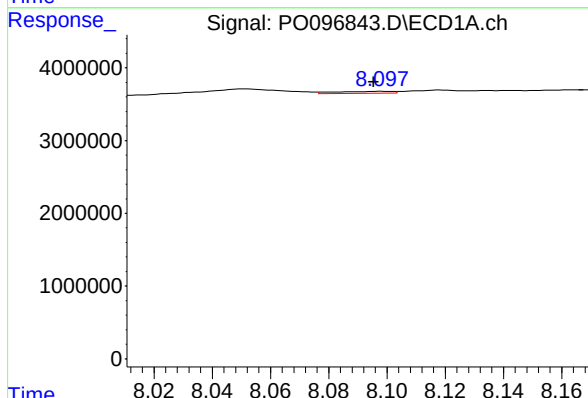
R.T.: 7.880 min
Delta R.T.: 0.016 min
Response: 564367
Conc: 5.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



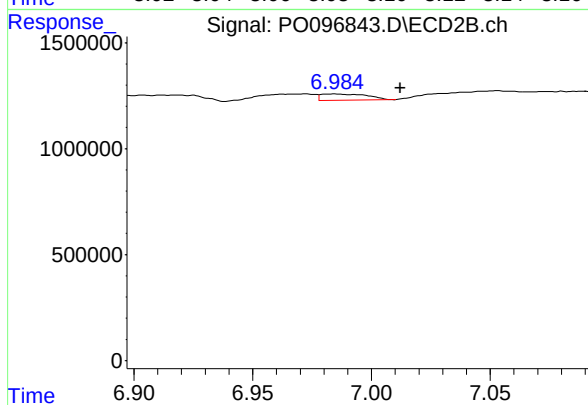
#33 AR-1260-3

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



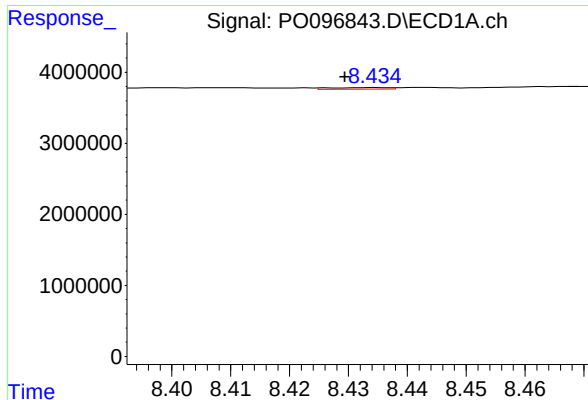
#34 AR-1260-4

R.T.: 8.098 min
Delta R.T.: 0.003 min
Response: 369587
Conc: 3.31 ng/ml



#34 AR-1260-4

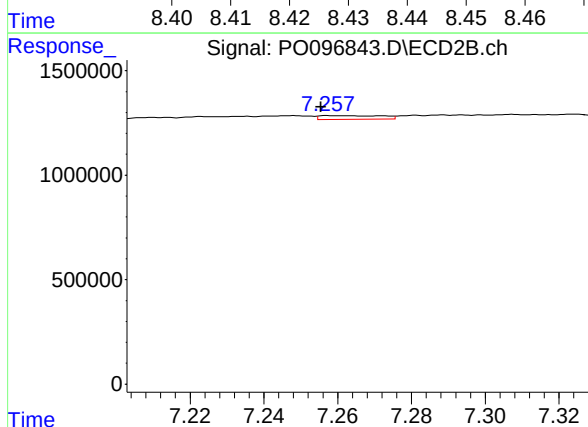
R.T.: 6.985 min
Delta R.T.: -0.027 min
Response: 398505
Conc: 6.22 ng/ml



#35 AR-1260-5

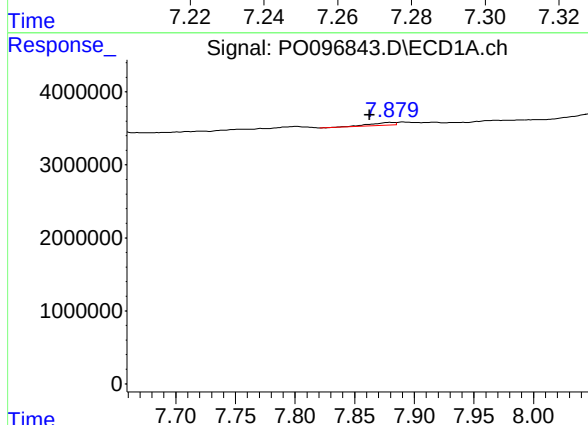
R.T.: 8.435 min
Delta R.T.: 0.005 min
Response: 151762
Conc: 0.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



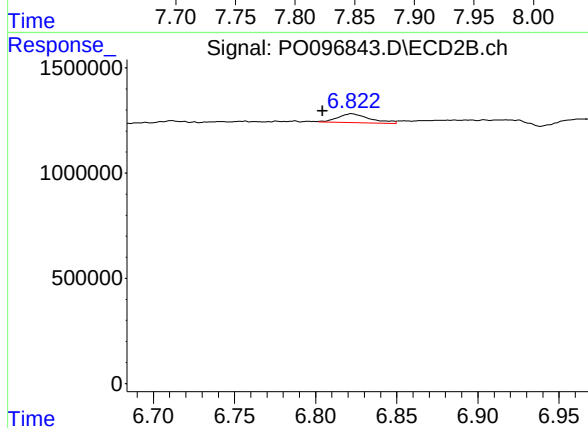
#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: 0.002 min
Response: 202201
Conc: 1.46 ng/ml



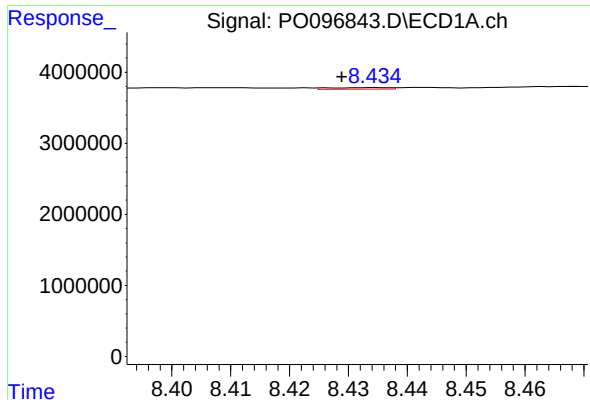
#36 AR-1262-1

R.T.: 7.880 min
Delta R.T.: 0.017 min
Response: 564367
Conc: 3.80 ng/ml



#36 AR-1262-1

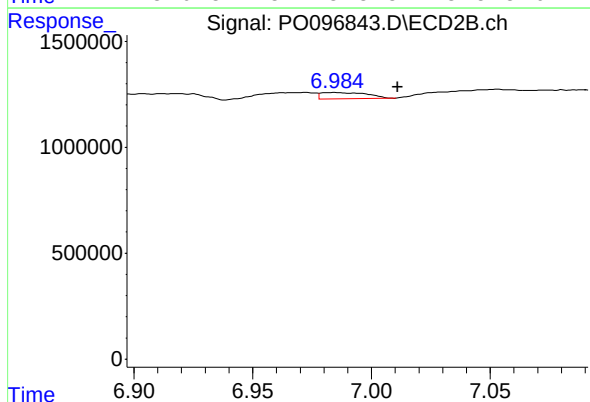
R.T.: 6.822 min
Delta R.T.: 0.018 min
Response: 573579
Conc: 14.57 ng/ml



#37 AR-1262-2

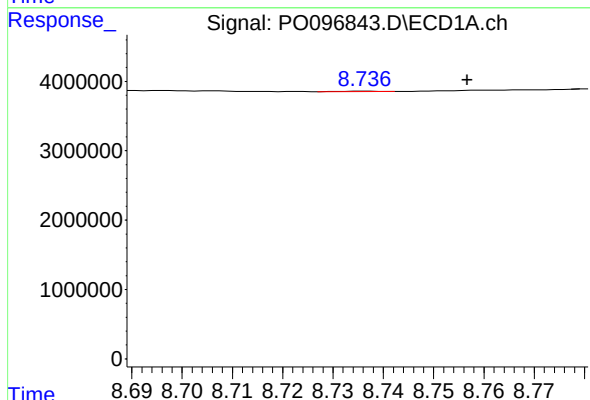
R.T.: 8.435 min
Delta R.T.: 0.006 min
Response: 151762
Conc: 0.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



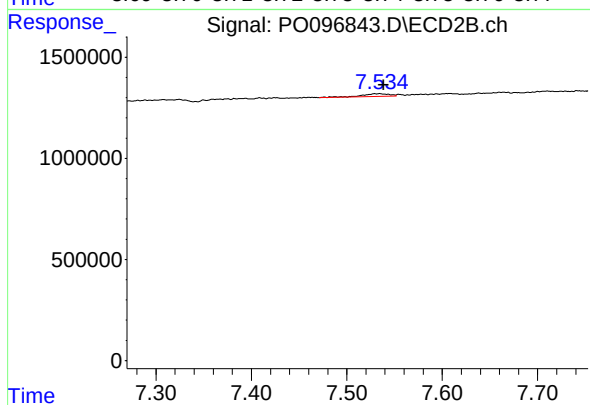
#37 AR-1262-2

R.T.: 6.985 min
Delta R.T.: -0.026 min
Response: 398505
Conc: 4.91 ng/ml



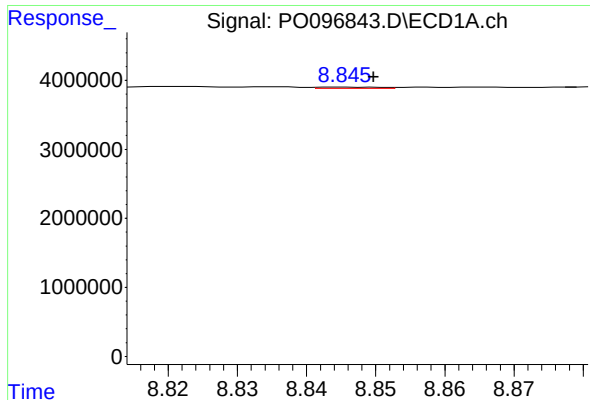
#38 AR-1262-3

R.T.: 8.736 min
Delta R.T.: -0.021 min
Response: 32610
Conc: 0.20 ng/ml



#38 AR-1262-3

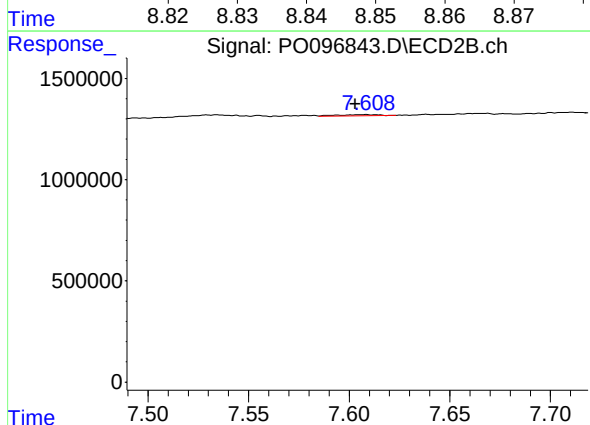
R.T.: 7.535 min
Delta R.T.: -0.004 min
Response: 265700
Conc: 4.14 ng/ml



#39 AR-1262-4

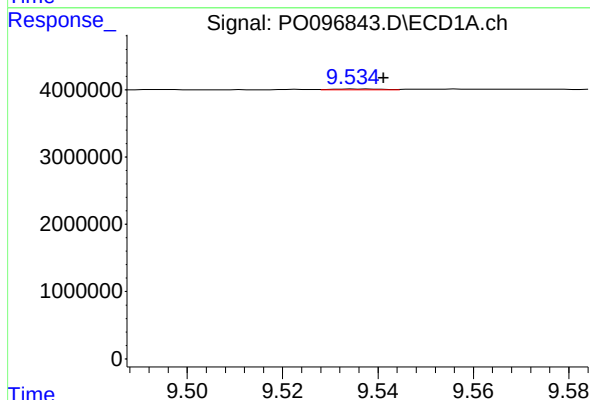
R.T.: 8.846 min
Delta R.T.: -0.004 min
Response: 121616
Conc: 1.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



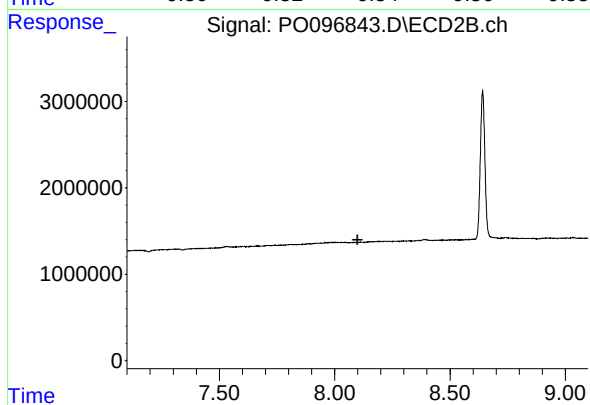
#39 AR-1262-4

R.T.: 7.608 min
Delta R.T.: 0.005 min
Response: 83856
Conc: 0.74 ng/ml



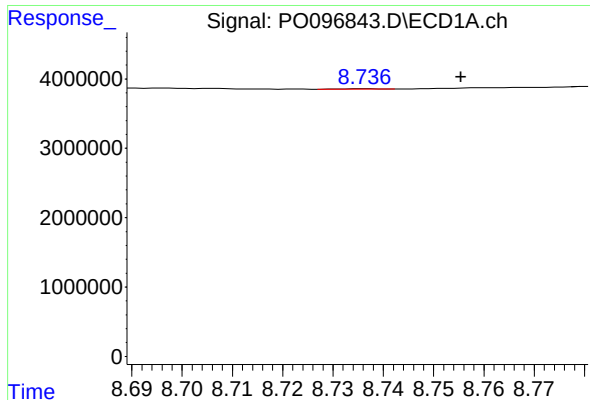
#40 AR-1262-5

R.T.: 9.535 min
Delta R.T.: -0.006 min
Response: 96472
Conc: 1.16 ng/ml



#40 AR-1262-5

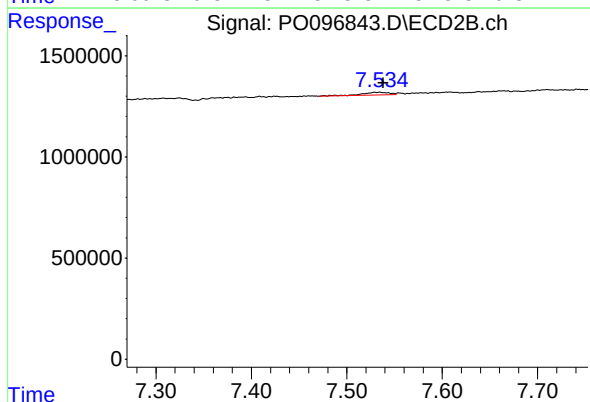
R.T.: 0.000 min
Exp R.T.: 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

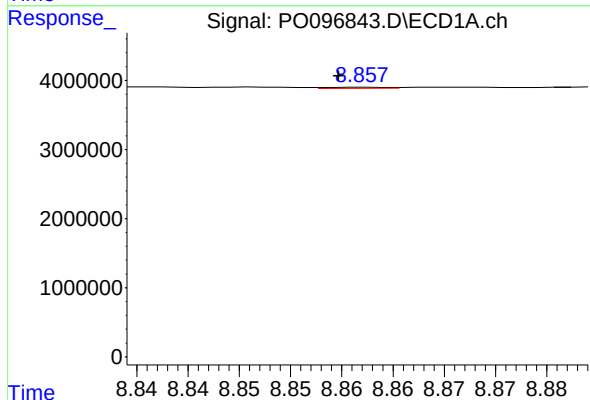
R.T.: 8.736 min
Delta R.T.: -0.019 min
Response: 32610
Conc: 0.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



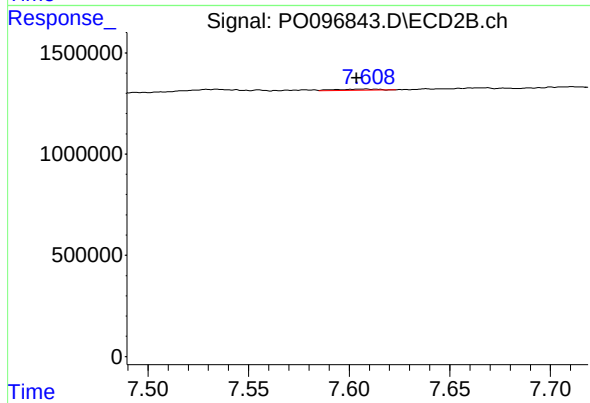
#41 AR-1268-1

R.T.: 7.535 min
Delta R.T.: -0.004 min
Response: 265700
Conc: 1.43 ng/ml



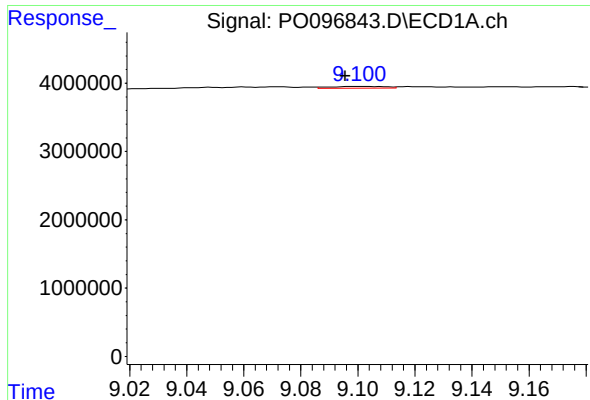
#42 AR-1268-2

R.T.: 8.858 min
Delta R.T.: 0.003 min
Response: 64996
Conc: 0.24 ng/ml



#42 AR-1268-2

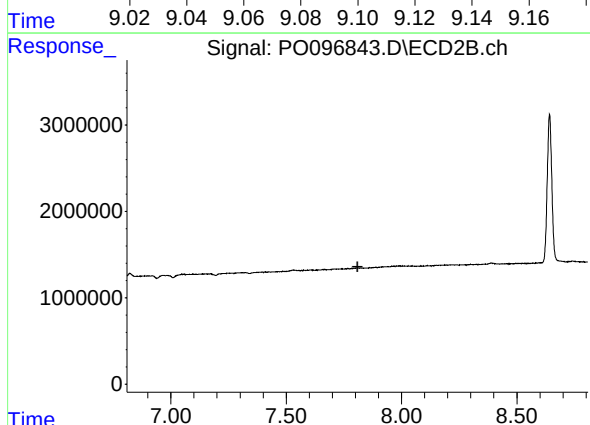
R.T.: 7.608 min
Delta R.T.: 0.004 min
Response: 83856
Conc: 0.50 ng/ml



#43 AR-1268-3

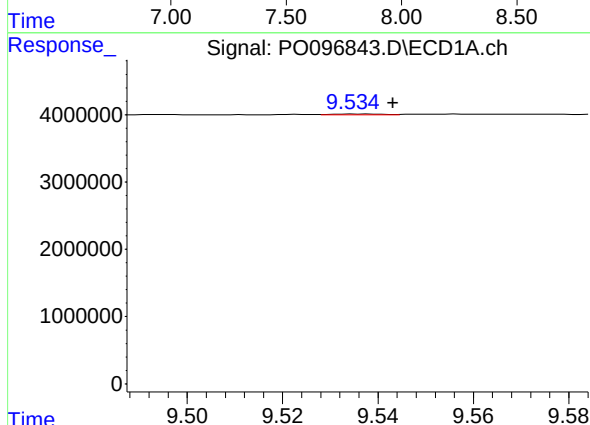
R.T.: 9.100 min
Delta R.T.: 0.005 min
Response: 328047
Conc: 1.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



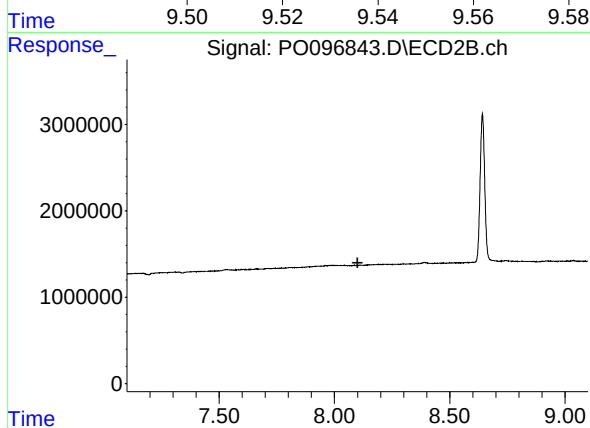
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.809 min
Response: 0
Conc: N.D.



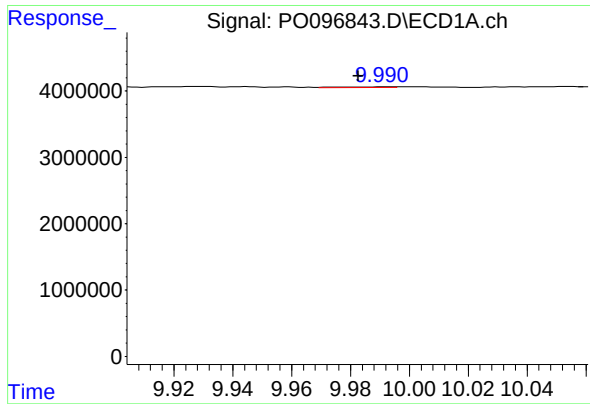
#44 AR-1268-4

R.T.: 9.535 min
Delta R.T.: -0.008 min
Response: 96472
Conc: 1.04 ng/ml



#44 AR-1268-4

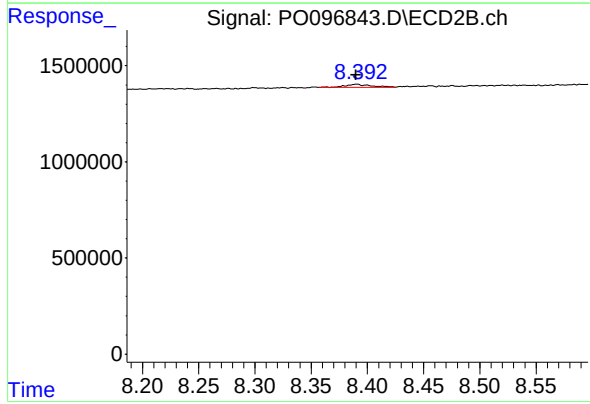
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.991 min
Delta R.T.: 0.008 min
Response: 155110
Conc: 0.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.391 min
Delta R.T.: 0.001 min
Response: 242816
Conc: 0.58 ng/ml