

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080823\
 Data File : P0096807.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 03:19
 Operator : YP/AJ
 Sample : 03572-01
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 04:06:17 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...	4.410	3.620	67347540	26773030	20.346	20.224
2) SA Decachlor...	10.351	8.640	50344183	27018784	23.007	23.354
Target Compounds						
3) L1 AR-1016-1	5.596	0.000	167739	0	1.781	N.D. #
4) L1 AR-1016-2	5.622	0.000	147971	0	1.106	N.D. #
5) L1 AR-1016-3	5.676	4.943f	214444	957420	2.464	29.307 #
6) L1 AR-1016-4	5.795	4.943	184882	957420	2.752	33.492 #
7) L1 AR-1016-5	6.084	5.156	1210374	602254	17.336	15.665
8) L2 AR-1221-1	4.620	0.000	94846	0	2.327	N.D. #
9) L2 AR-1221-2	4.693	3.919	20729	346768	0.682	26.838 #
10) L2 AR-1221-3	4.786	0.000	250658	0	2.864	N.D. #
11) L3 AR-1232-1	4.786	0.000	250658	0	3.437	N.D. #
12) L3 AR-1232-2	5.328	0.000	235649	0	5.944	N.D. #
13) L3 AR-1232-3	5.622	4.943f	147971	957420	2.419	63.147 #
14) L3 AR-1232-4	5.795	4.984	184882	405591	6.059	27.140 #
15) L3 AR-1232-5	5.875	5.156	1861151	602254	66.510	36.842 #
16) L4 AR-1242-1	5.596	0.000	167739	0	2.001	N.D. #
17) L4 AR-1242-2	5.622	0.000	147971	0	1.257	N.D. #
18) L4 AR-1242-3	5.676	4.943f	214444	957420	2.903	32.380 #
19) L4 AR-1242-4	5.795	4.984	184882	405591	3.106	12.870 #
20) L4 AR-1242-5	6.539	5.510	675025	2022780	12.269	55.516 #
21) L5 AR-1248-1	5.596	0.000	167739	0	2.863	N.D. #
22) L5 AR-1248-2	5.875	4.943	1861151	957420	19.796	22.591
23) L5 AR-1248-3	6.084	4.984	1210374	405591	12.375	9.246 #
24) L5 AR-1248-4	6.494	5.156	1026247	602254	11.297	11.797
25) L5 AR-1248-5	6.539	5.550	675025	333740	7.663	7.139
26) L6 AR-1254-1	6.469	5.510	2819135	2022780	25.795	27.410
27) L6 AR-1254-2	6.693	5.658	4662906	1969368	28.921	29.893
28) L6 AR-1254-3	7.069	6.062	4750351	2706947	30.316	26.785
29) L6 AR-1254-4	7.362	6.292	2936156	1537548	29.123	26.567
30) L6 AR-1254-5	7.793	6.711	3285858	3224867	29.282	36.682 #
31) L7 AR-1260-1	7.239	6.194	2467419	1330455	19.631	18.907
32) L7 AR-1260-2	7.502	6.383	1631475	1137946	12.109	13.634
33) L7 AR-1260-3	7.870	6.535	968400	1400830	9.332	18.141 #
34) L7 AR-1260-4	8.093	6.988	1724587	364139	15.425	5.682 #
35) L7 AR-1260-5	8.439	7.255	716929	536596	3.414	3.871
36) L8 AR-1262-1	7.870	6.821	968400	1232955	6.520	31.318 #
37) L8 AR-1262-2	8.439	6.988	716929	364139	3.097	4.490 #
38) L8 AR-1262-3	8.786	7.532	668058	336397	4.005	5.242 #
39) L8 AR-1262-4	8.849	7.601	52644	418964	0.722	3.688 #
40) L8 AR-1262-5	9.546	0.000	224940	0	2.701	N.D. #
41) L9 AR-1268-1	8.786	7.532	668058	336397	2.173	1.816

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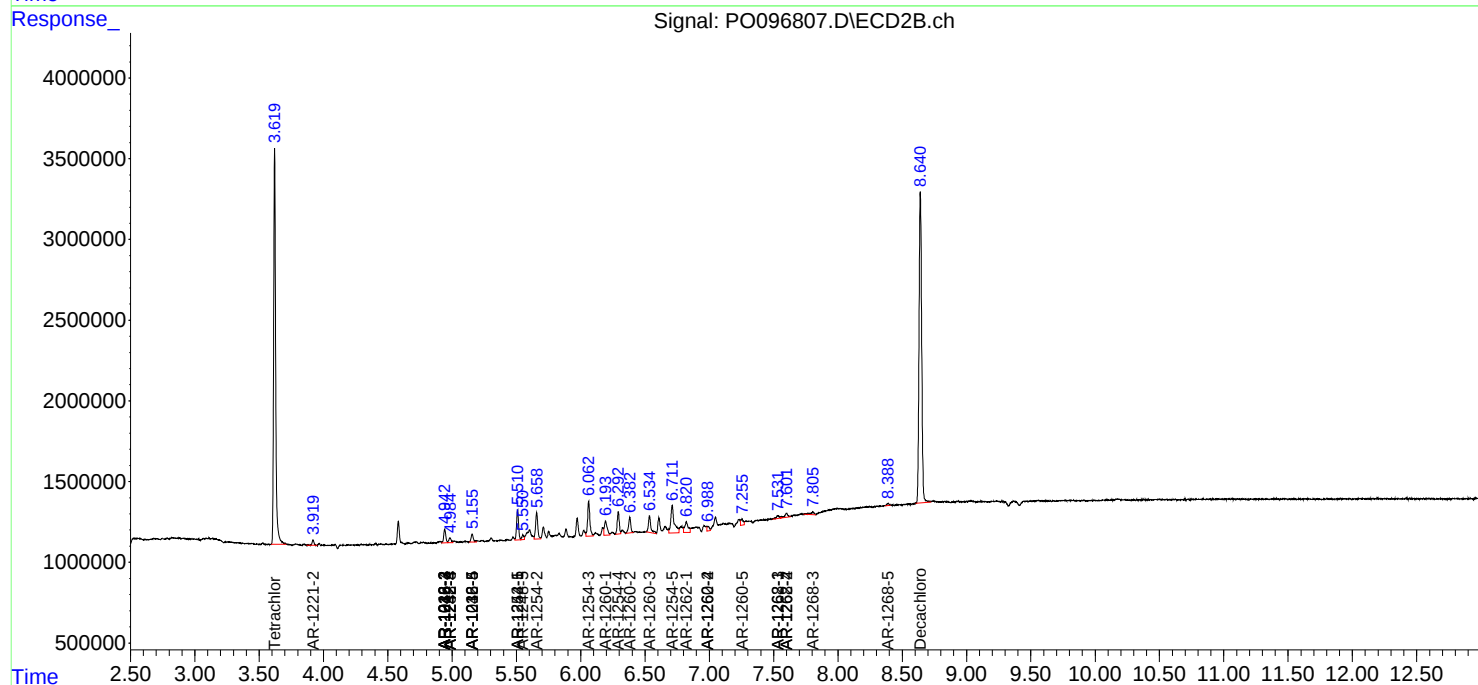
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

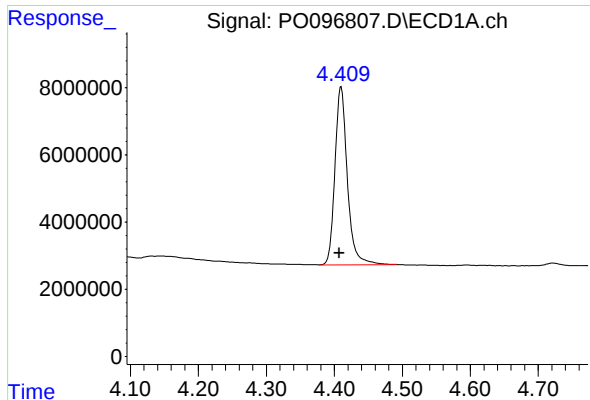
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.856	7.601	37203	418964	0.136	2.498 #
43) L9	AR-1268-3	9.100	7.806	914317	401876	3.580	2.782
44) L9	AR-1268-4	9.546	0.000	224940	0	2.426	N.D. #
45) L9	AR-1268-5	9.984	8.388	235618	166817	0.292	0.401 #

(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

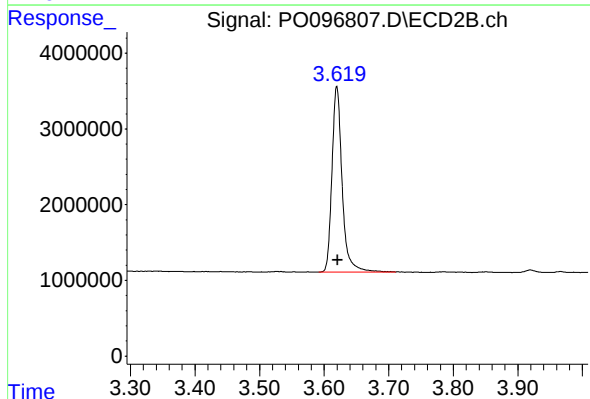




#1 Tetrachloro-m-xylene

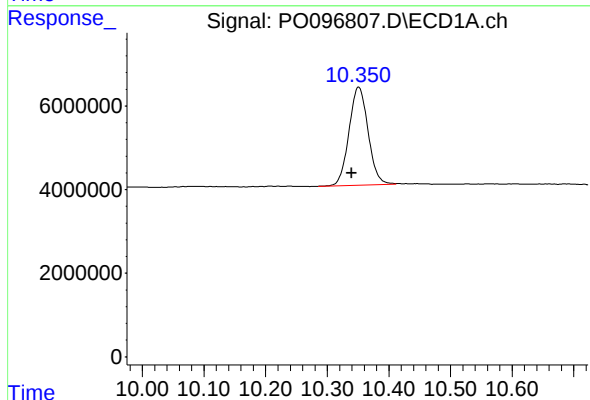
R.T.: 4.410 min
Delta R.T.: 0.003 min
Response: 67347540
Conc: 20.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



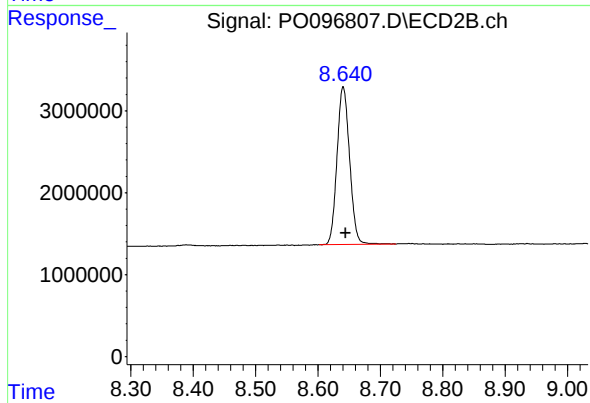
#1 Tetrachloro-m-xylene

R.T.: 3.620 min
Delta R.T.: -0.001 min
Response: 26773030
Conc: 20.22 ng/ml



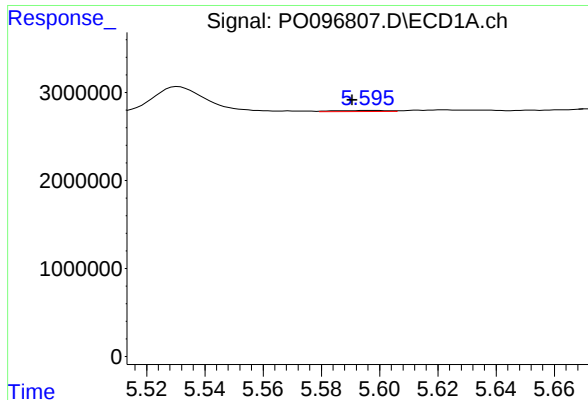
#2 Decachlorobiphenyl

R.T.: 10.351 min
Delta R.T.: 0.011 min
Response: 50344183
Conc: 23.01 ng/ml



#2 Decachlorobiphenyl

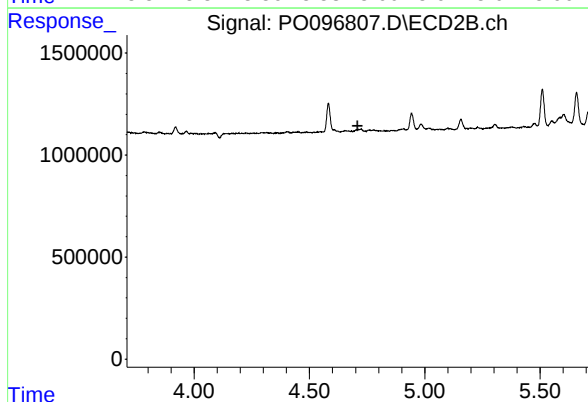
R.T.: 8.640 min
Delta R.T.: -0.004 min
Response: 27018784
Conc: 23.35 ng/ml



#3 AR-1016-1

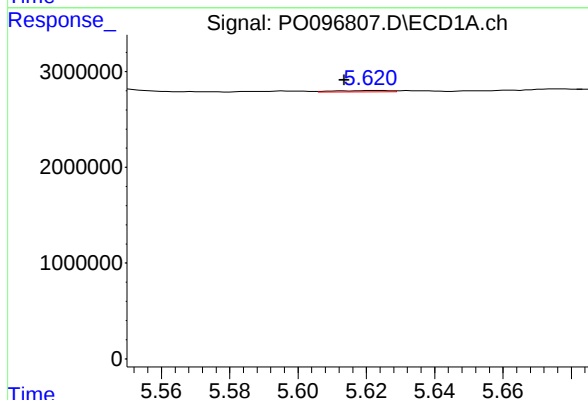
R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 167739
Conc: 1.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



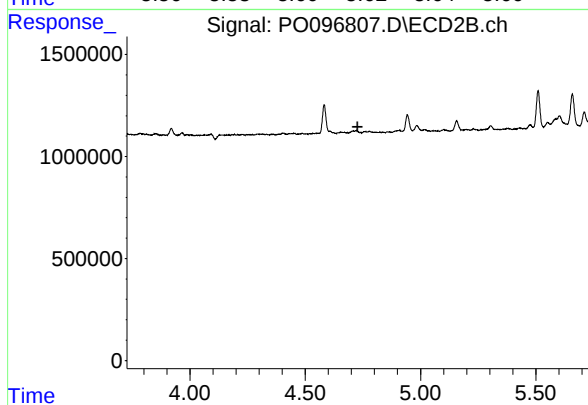
#3 AR-1016-1

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



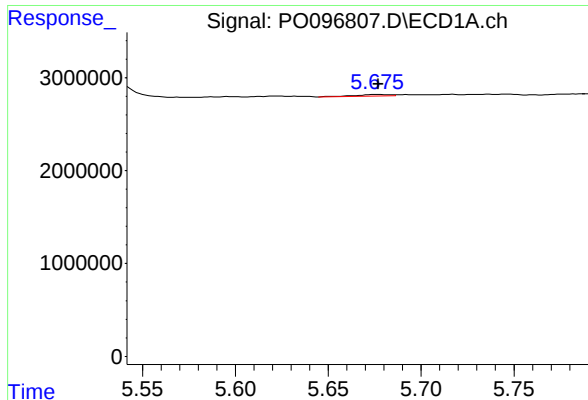
#4 AR-1016-2

R.T.: 5.622 min
Delta R.T.: 0.008 min
Response: 147971
Conc: 1.11 ng/ml



#4 AR-1016-2

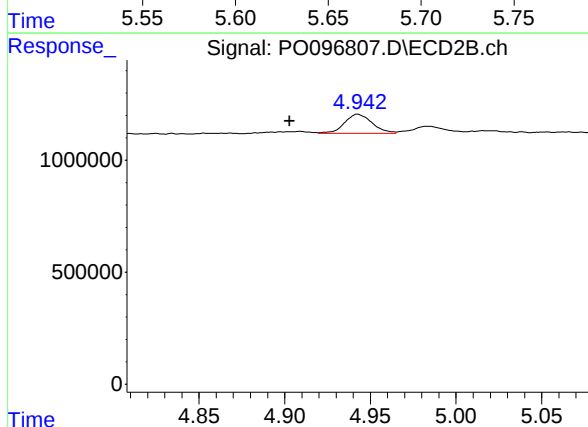
R.T.: 0.000 min
Exp R.T. : 4.726 min
Response: 0
Conc: N.D.



#5 AR-1016-3

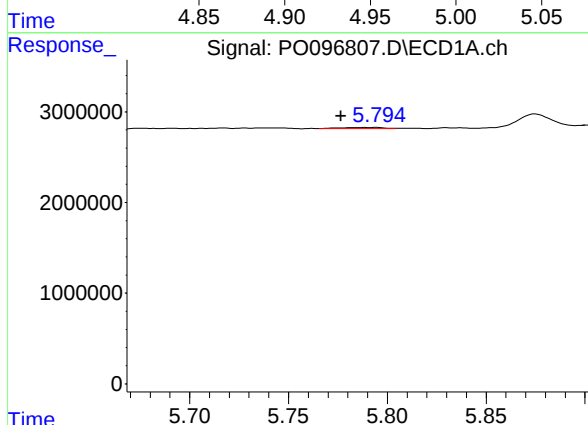
R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 214444
Conc: 2.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



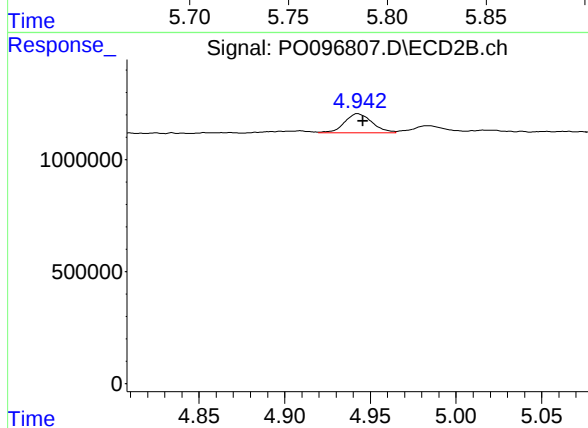
#5 AR-1016-3

R.T.: 4.943 min
Delta R.T.: 0.040 min
Response: 957420
Conc: 29.31 ng/ml



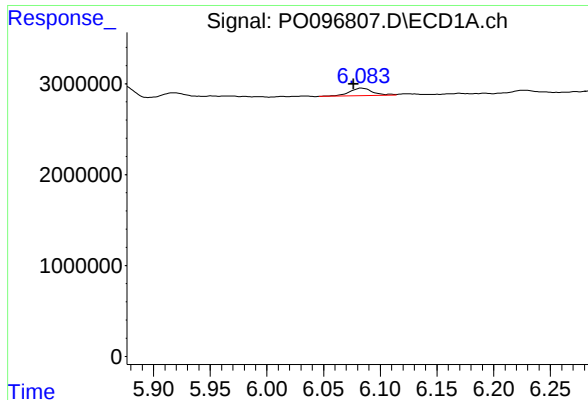
#6 AR-1016-4

R.T.: 5.795 min
Delta R.T.: 0.018 min
Response: 184882
Conc: 2.75 ng/ml



#6 AR-1016-4

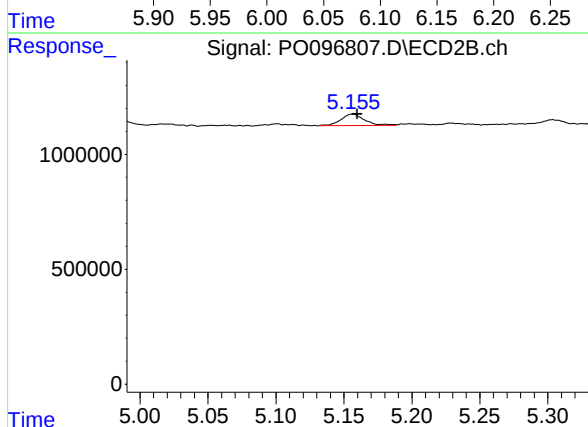
R.T.: 4.943 min
Delta R.T.: -0.003 min
Response: 957420
Conc: 33.49 ng/ml



#7 AR-1016-5

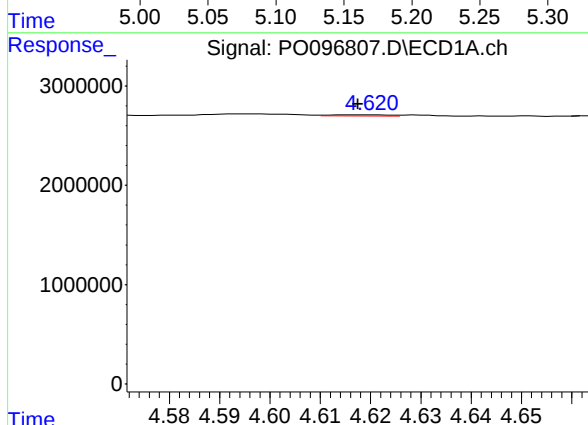
R.T.: 6.084 min
Delta R.T.: 0.007 min
Response: 1210374
Conc: 17.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



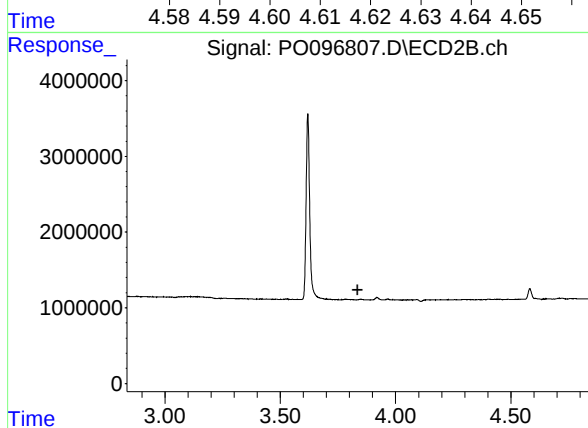
#7 AR-1016-5

R.T.: 5.156 min
Delta R.T.: -0.003 min
Response: 602254
Conc: 15.66 ng/ml



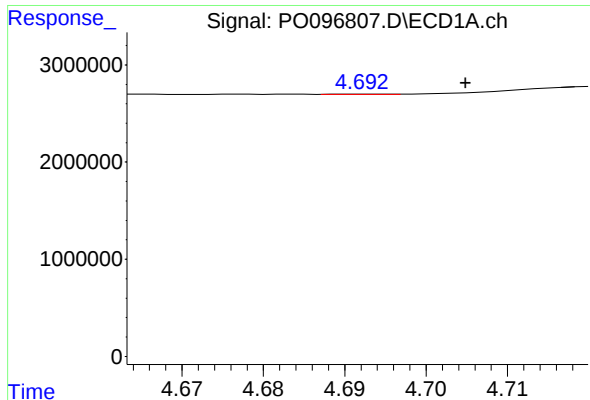
#8 AR-1221-1

R.T.: 4.620 min
Delta R.T.: 0.002 min
Response: 94846
Conc: 2.33 ng/ml



#8 AR-1221-1

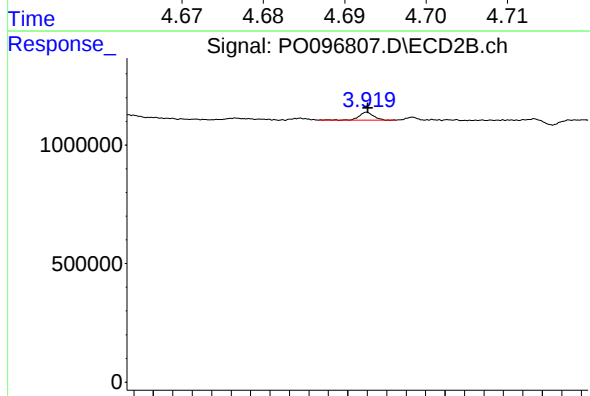
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

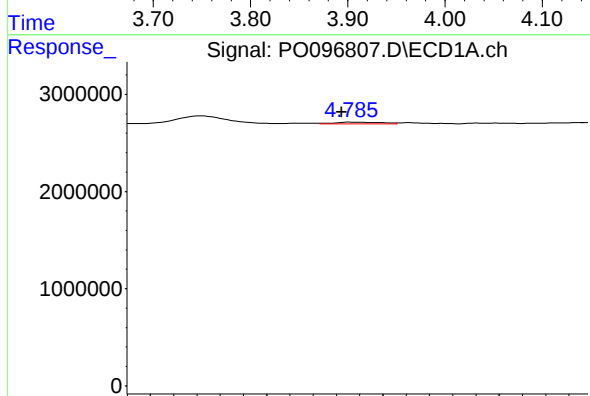
R.T.: 4.693 min
Delta R.T.: -0.012 min
Response: 20729
Conc: 0.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



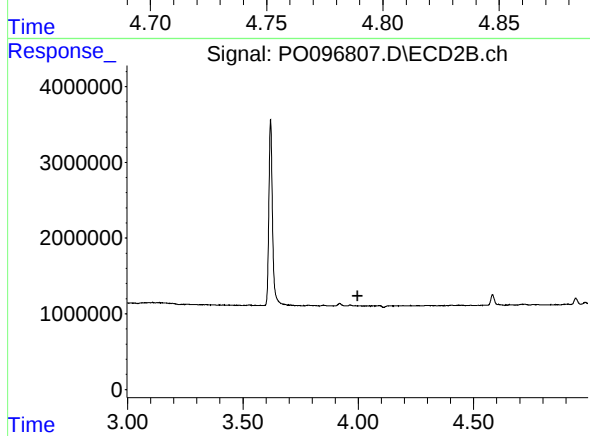
#9 AR-1221-2

R.T.: 3.919 min
Delta R.T.: -0.001 min
Response: 346768
Conc: 26.84 ng/ml



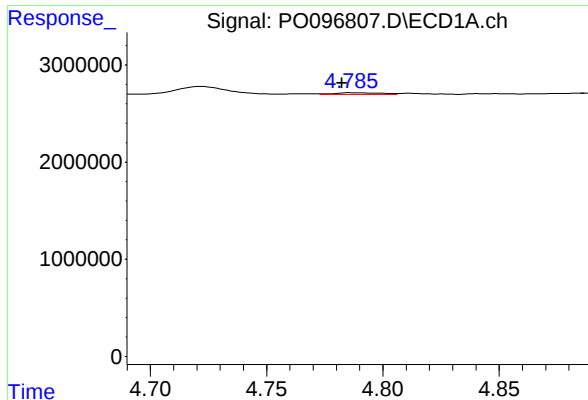
#10 AR-1221-3

R.T.: 4.786 min
Delta R.T.: 0.004 min
Response: 250658
Conc: 2.86 ng/ml



#10 AR-1221-3

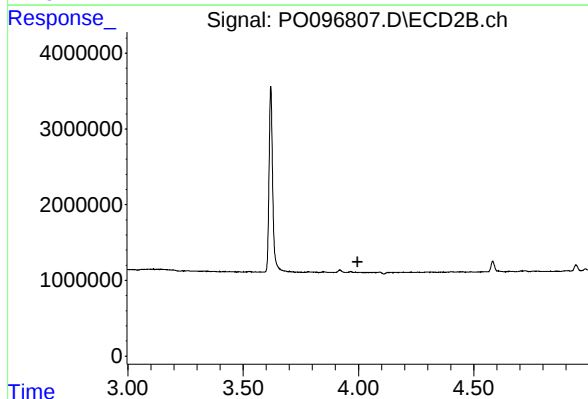
R.T.: 0.000 min
Exp R.T.: 3.997 min
Response: 0
Conc: N.D.



#11 AR-1232-1

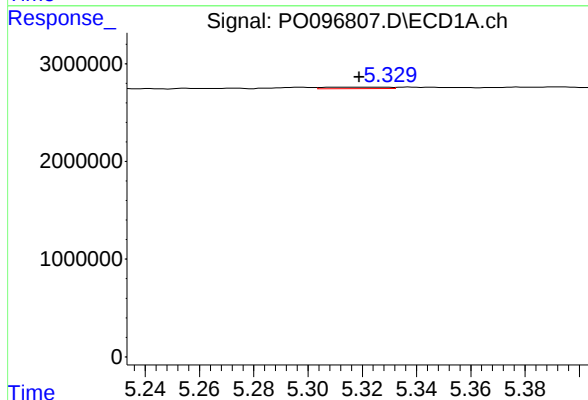
R.T.: 4.786 min
Delta R.T.: 0.004 min
Response: 250658
Conc: 3.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



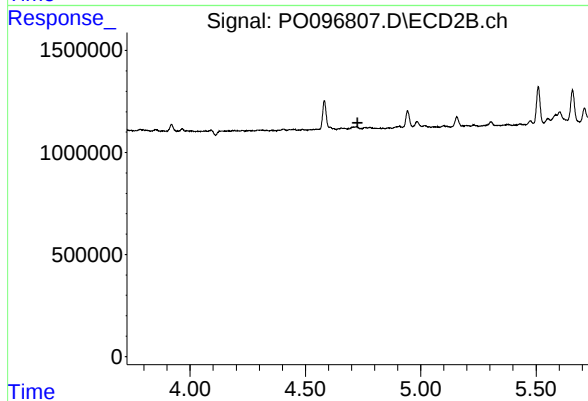
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.996 min
Response: 0
Conc: N.D.



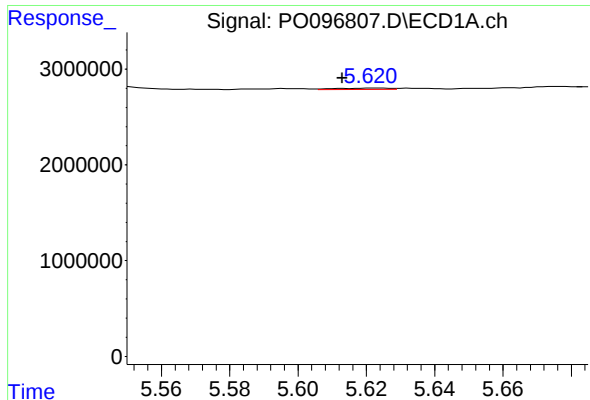
#12 AR-1232-2

R.T.: 5.328 min
Delta R.T.: 0.009 min
Response: 235649
Conc: 5.94 ng/ml



#12 AR-1232-2

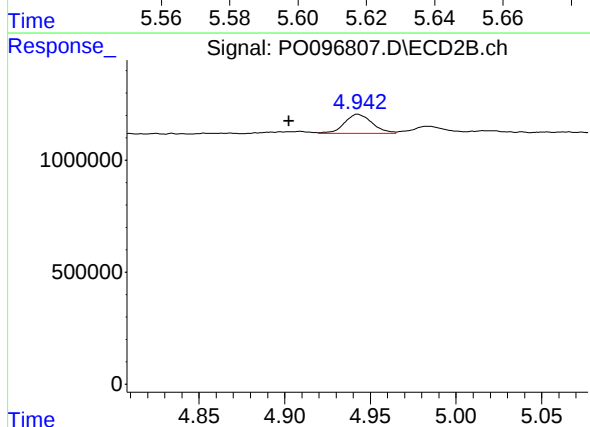
R.T.: 0.000 min
Exp R.T. : 4.726 min
Response: 0
Conc: N.D.



#13 AR-1232-3

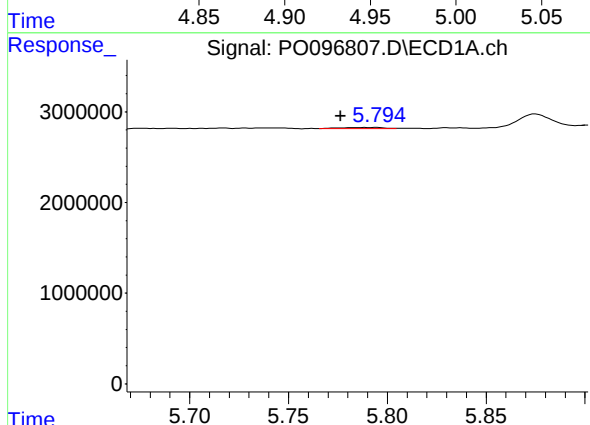
R.T.: 5.622 min
Delta R.T.: 0.009 min
Response: 147971
Conc: 2.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



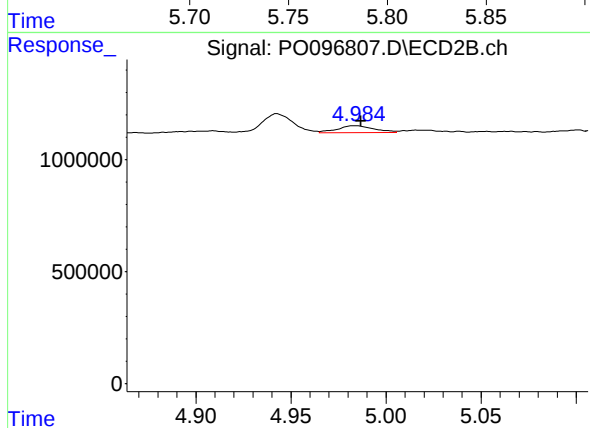
#13 AR-1232-3

R.T.: 4.943 min
Delta R.T.: 0.040 min
Response: 957420
Conc: 63.15 ng/ml



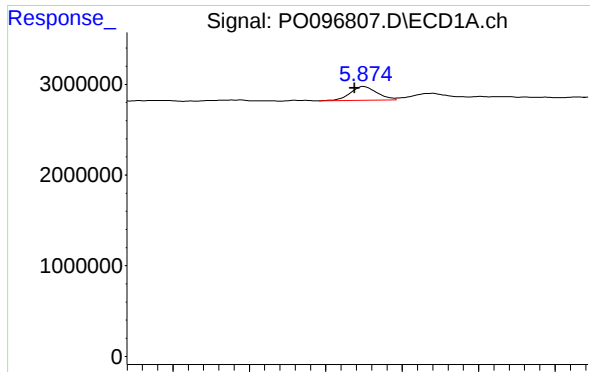
#14 AR-1232-4

R.T.: 5.795 min
Delta R.T.: 0.018 min
Response: 184882
Conc: 6.06 ng/ml



#14 AR-1232-4

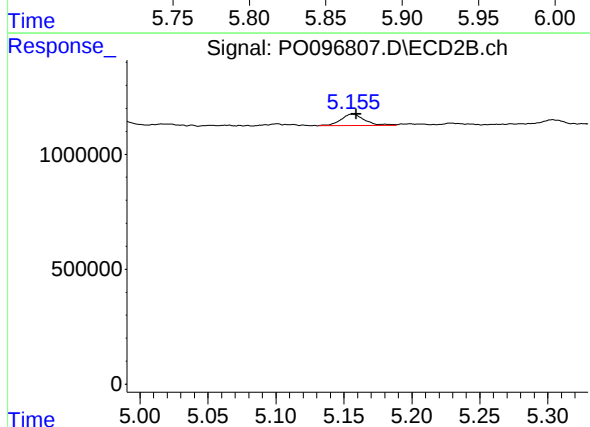
R.T.: 4.984 min
Delta R.T.: -0.003 min
Response: 405591
Conc: 27.14 ng/ml



#15 AR-1232-5

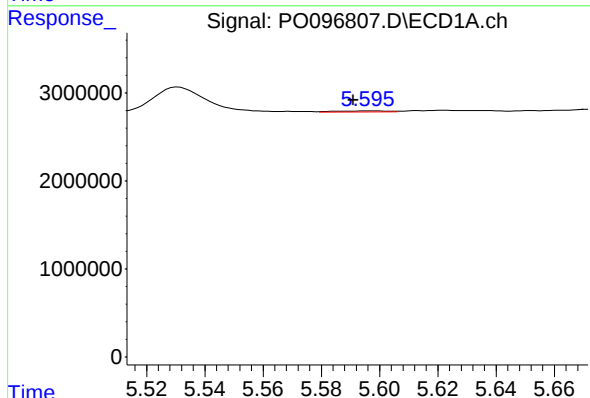
R.T.: 5.875 min
Delta R.T.: 0.006 min
Response: 1861151
Conc: 66.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



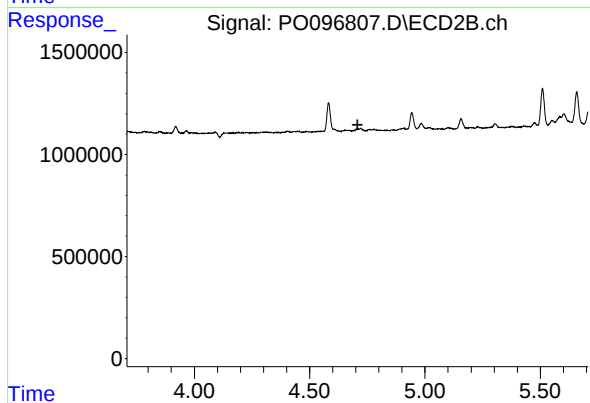
#15 AR-1232-5

R.T.: 5.156 min
Delta R.T.: -0.003 min
Response: 602254
Conc: 36.84 ng/ml



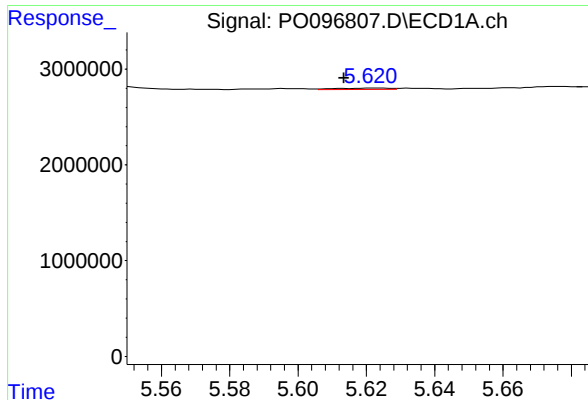
#16 AR-1242-1

R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 167739
Conc: 2.00 ng/ml



#16 AR-1242-1

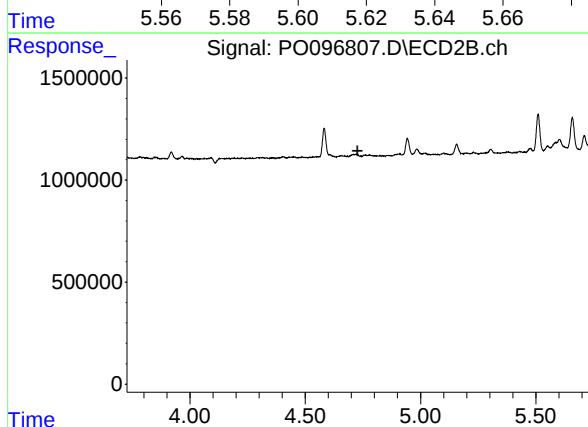
R.T.: 0.000 min
Exp R.T. : 4.708 min
Response: 0
Conc: N.D.



#17 AR-1242-2

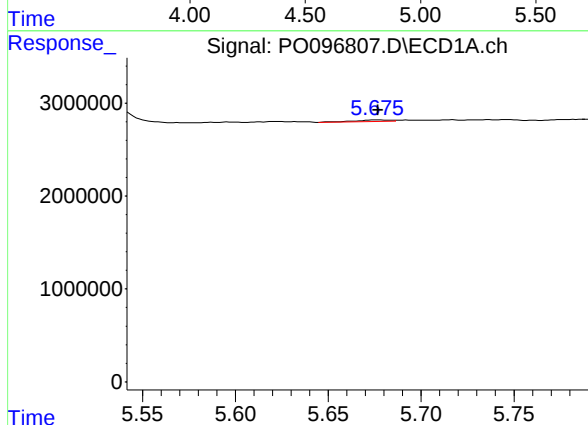
R.T.: 5.622 min
Delta R.T.: 0.008 min
Response: 147971
Conc: 1.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



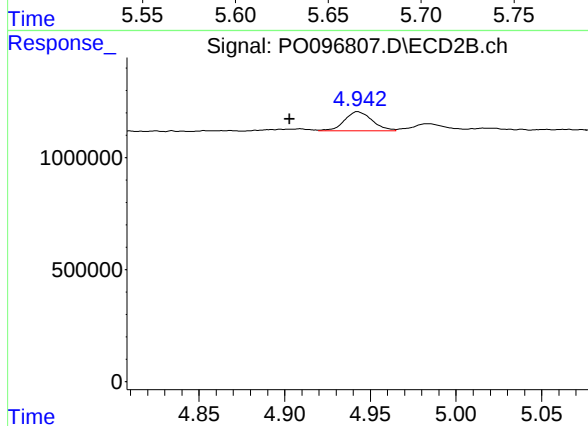
#17 AR-1242-2

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



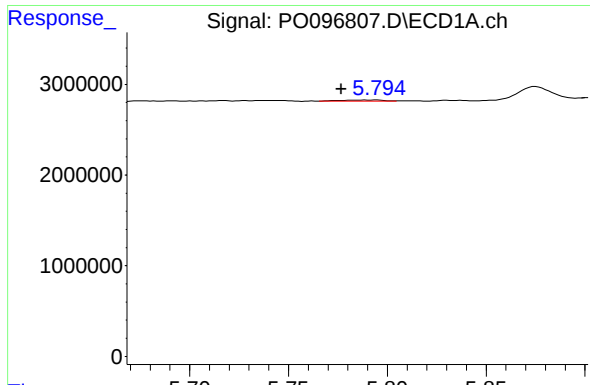
#18 AR-1242-3

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 214444
Conc: 2.90 ng/ml



#18 AR-1242-3

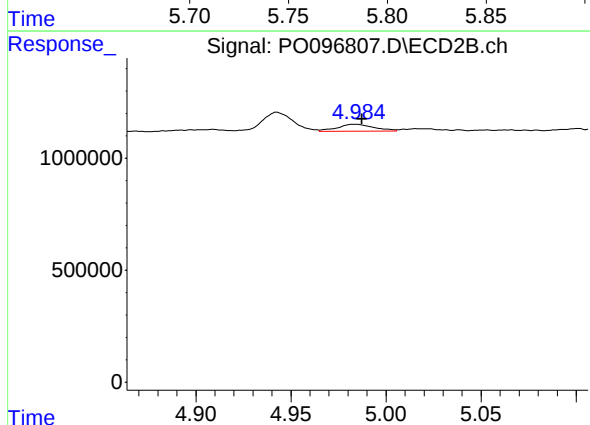
R.T.: 4.943 min
Delta R.T.: 0.040 min
Response: 957420
Conc: 32.38 ng/ml



#19 AR-1242-4

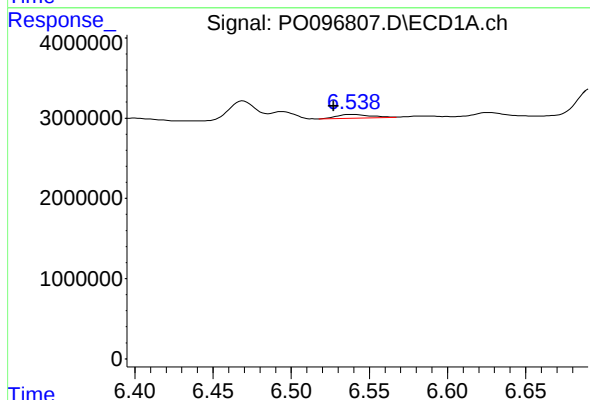
R.T.: 5.795 min
Delta R.T.: 0.018 min
Response: 184882
Conc: 3.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



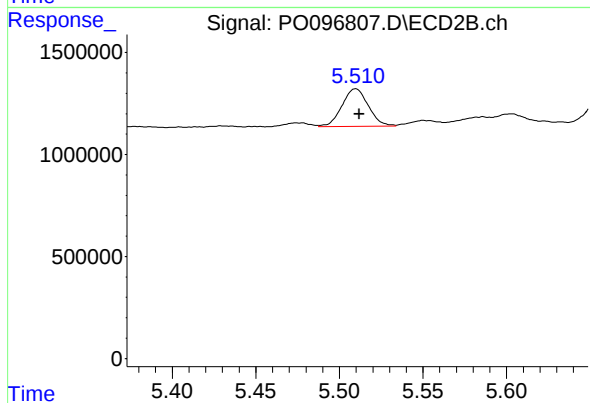
#19 AR-1242-4

R.T.: 4.984 min
Delta R.T.: -0.003 min
Response: 405591
Conc: 12.87 ng/ml



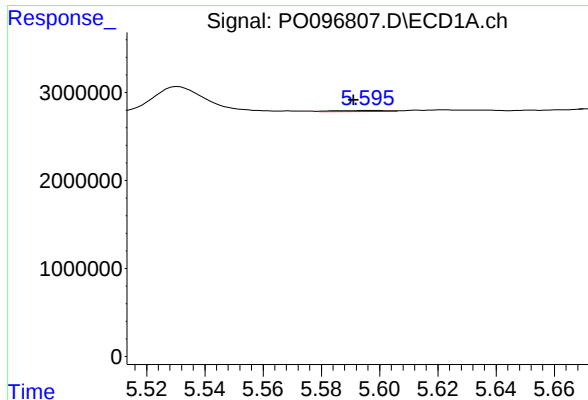
#20 AR-1242-5

R.T.: 6.539 min
Delta R.T.: 0.012 min
Response: 675025
Conc: 12.27 ng/ml



#20 AR-1242-5

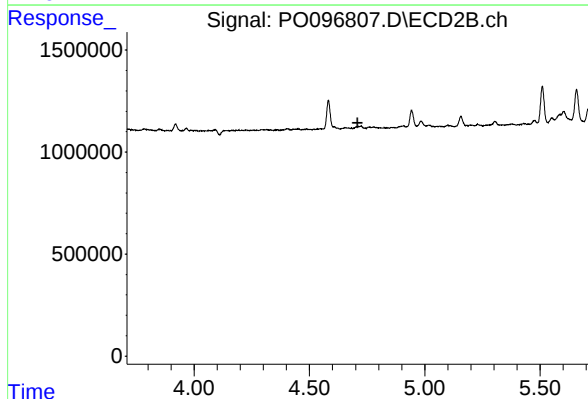
R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 2022780
Conc: 55.52 ng/ml



#21 AR-1248-1

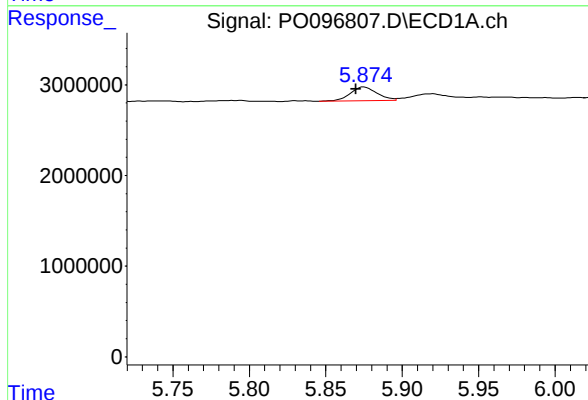
R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 167739
Conc: 2.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



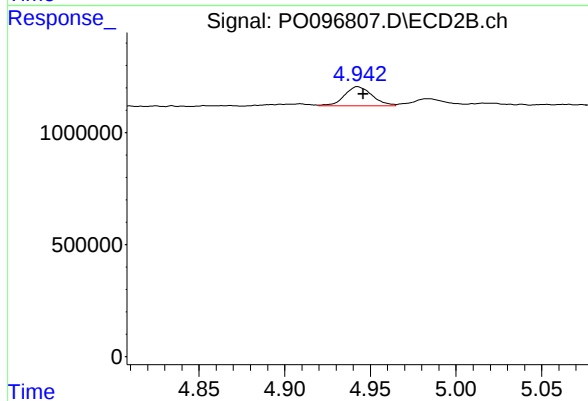
#21 AR-1248-1

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



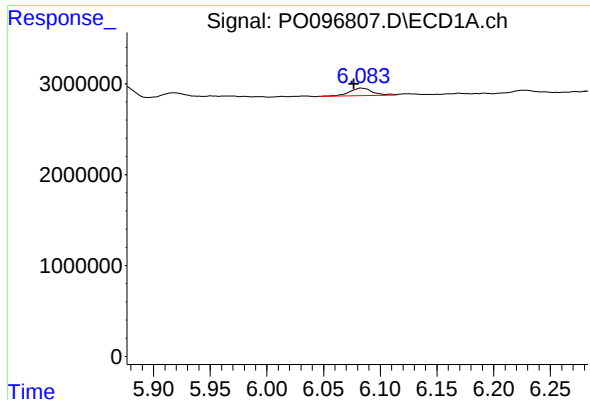
#22 AR-1248-2

R.T.: 5.875 min
Delta R.T.: 0.005 min
Response: 1861151
Conc: 19.80 ng/ml



#22 AR-1248-2

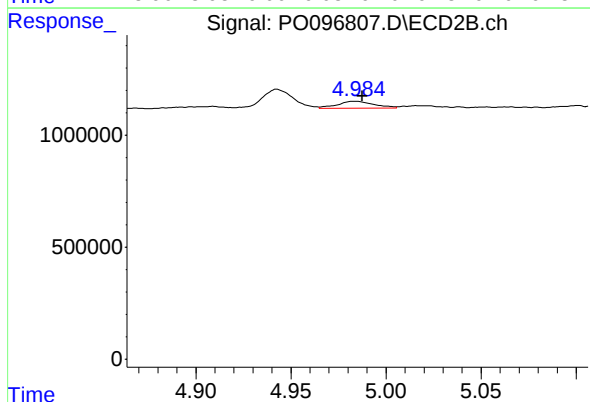
R.T.: 4.943 min
Delta R.T.: -0.003 min
Response: 957420
Conc: 22.59 ng/ml



#23 AR-1248-3

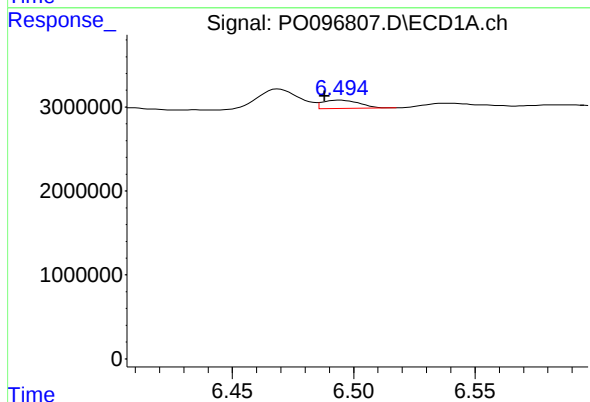
R.T.: 6.084 min
Delta R.T.: 0.007 min
Response: 1210374
Conc: 12.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



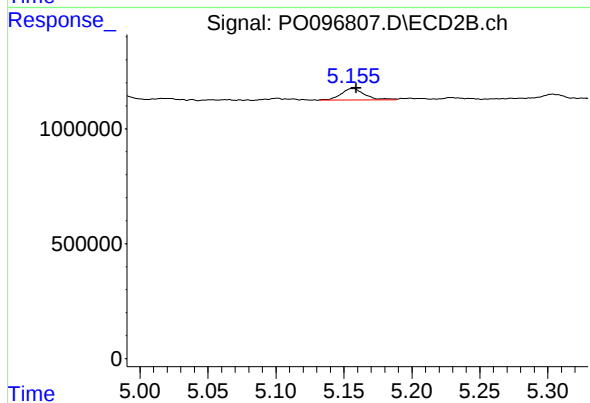
#23 AR-1248-3

R.T.: 4.984 min
Delta R.T.: -0.004 min
Response: 405591
Conc: 9.25 ng/ml



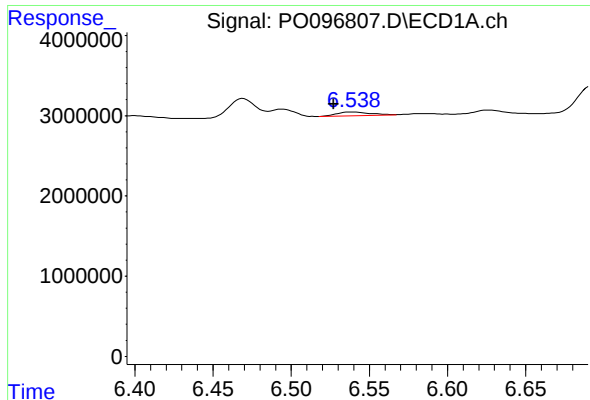
#24 AR-1248-4

R.T.: 6.494 min
Delta R.T.: 0.006 min
Response: 1026247
Conc: 11.30 ng/ml



#24 AR-1248-4

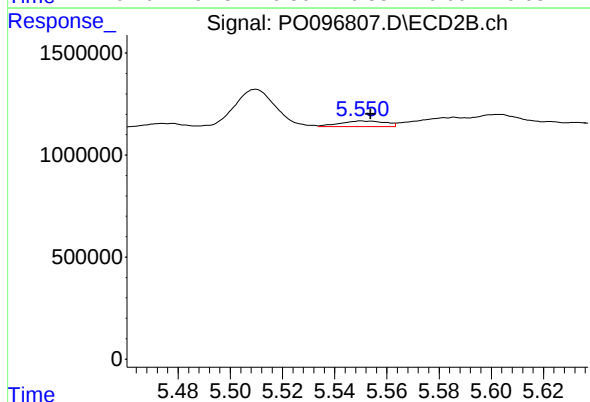
R.T.: 5.156 min
Delta R.T.: -0.003 min
Response: 602254
Conc: 11.80 ng/ml



#25 AR-1248-5

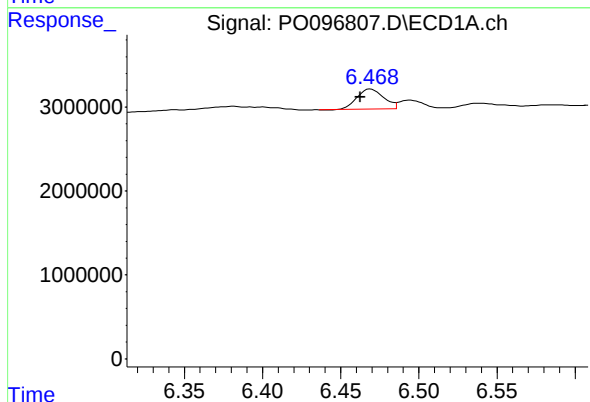
R.T.: 6.539 min
Delta R.T.: 0.012 min
Response: 675025
Conc: 7.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



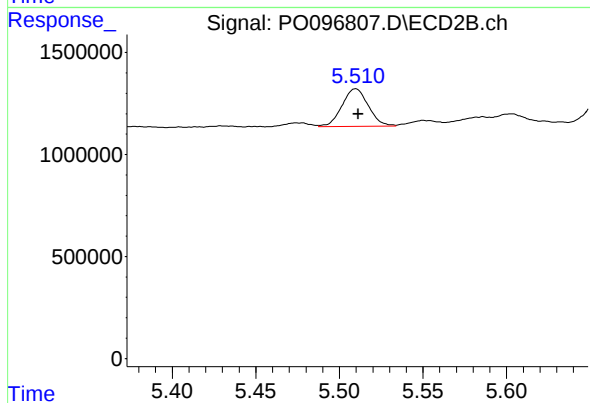
#25 AR-1248-5

R.T.: 5.550 min
Delta R.T.: -0.003 min
Response: 333740
Conc: 7.14 ng/ml



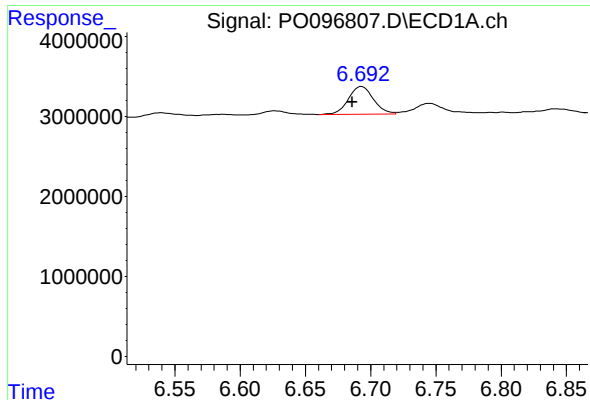
#26 AR-1254-1

R.T.: 6.469 min
Delta R.T.: 0.007 min
Response: 2819135
Conc: 25.79 ng/ml



#26 AR-1254-1

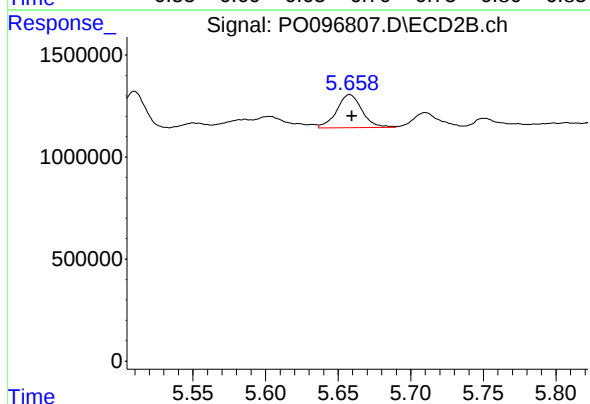
R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 2022780
Conc: 27.41 ng/ml



#27 AR-1254-2

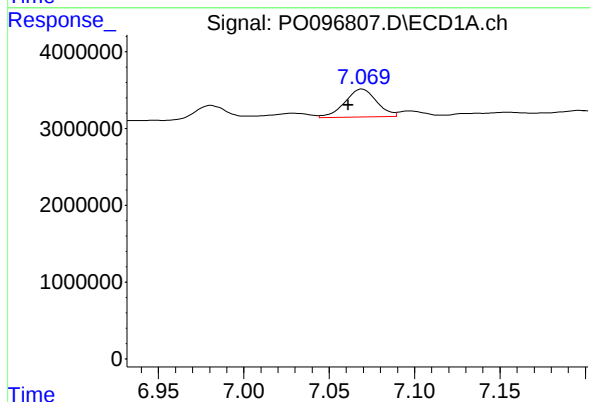
R.T.: 6.693 min
Delta R.T.: 0.007 min
Response: 4662906
Conc: 28.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



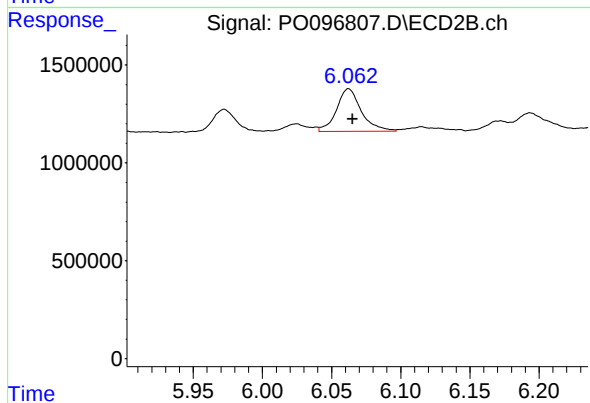
#27 AR-1254-2

R.T.: 5.658 min
Delta R.T.: -0.002 min
Response: 1969368
Conc: 29.89 ng/ml



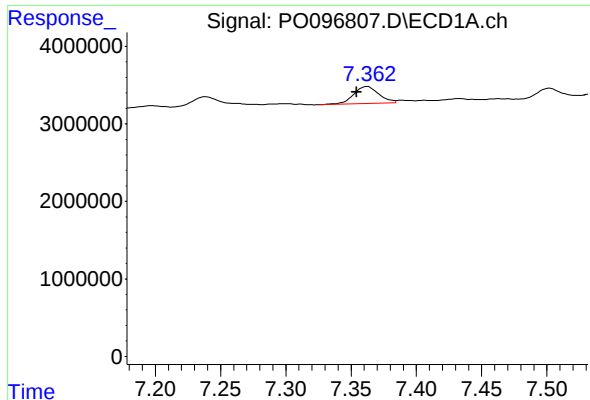
#28 AR-1254-3

R.T.: 7.069 min
Delta R.T.: 0.008 min
Response: 4750351
Conc: 30.32 ng/ml



#28 AR-1254-3

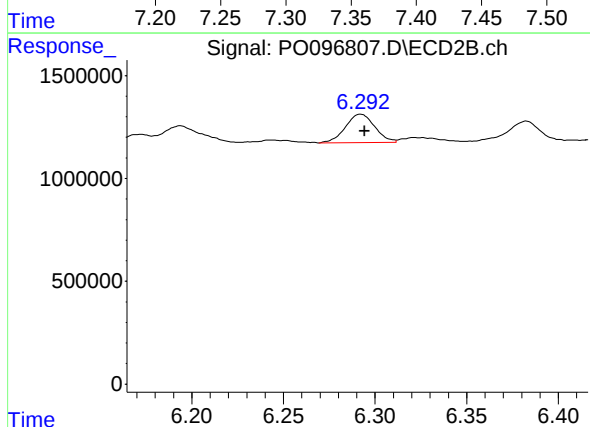
R.T.: 6.062 min
Delta R.T.: -0.003 min
Response: 2706947
Conc: 26.78 ng/ml



#29 AR-1254-4

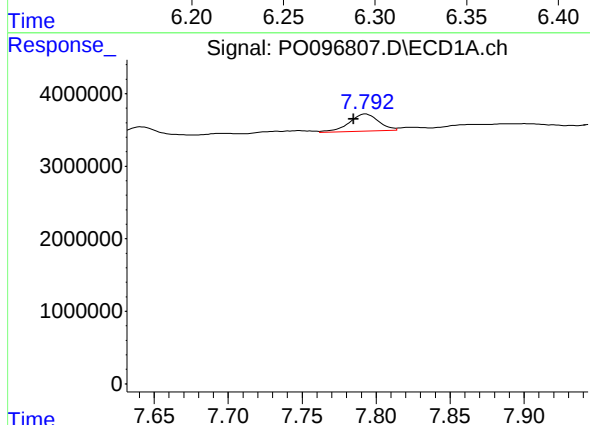
R.T.: 7.362 min
Delta R.T.: 0.008 min
Response: 2936156
Conc: 29.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



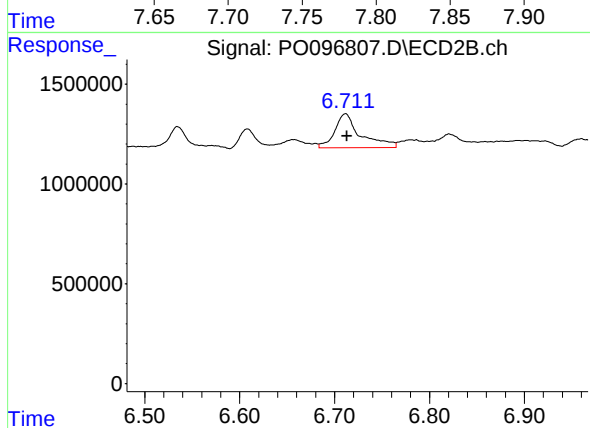
#29 AR-1254-4

R.T.: 6.292 min
Delta R.T.: -0.002 min
Response: 1537548
Conc: 26.57 ng/ml



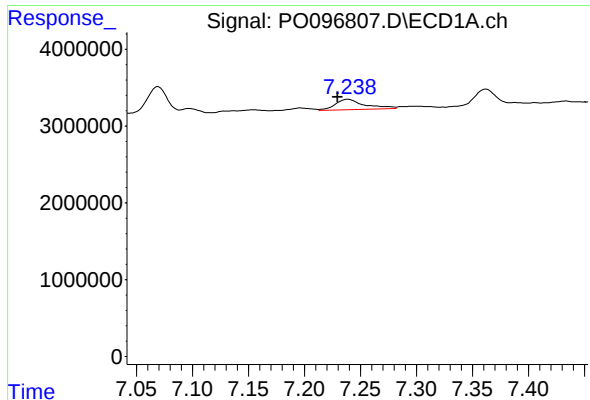
#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.008 min
Response: 3285858
Conc: 29.28 ng/ml



#30 AR-1254-5

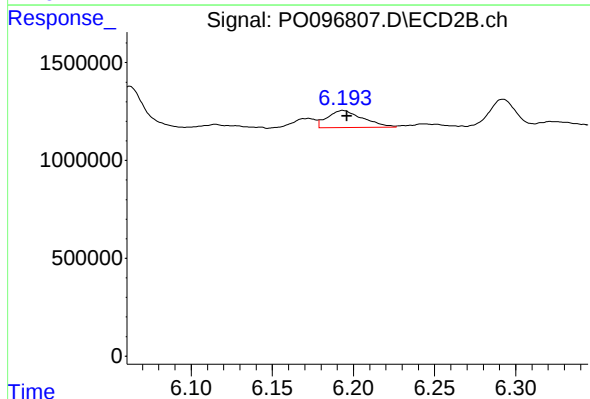
R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 3224867
Conc: 36.68 ng/ml



#31 AR-1260-1

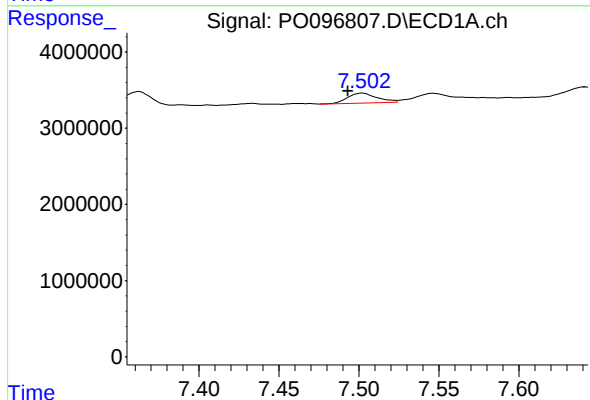
R.T.: 7.239 min
Delta R.T.: 0.009 min
Response: 2467419
Conc: 19.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



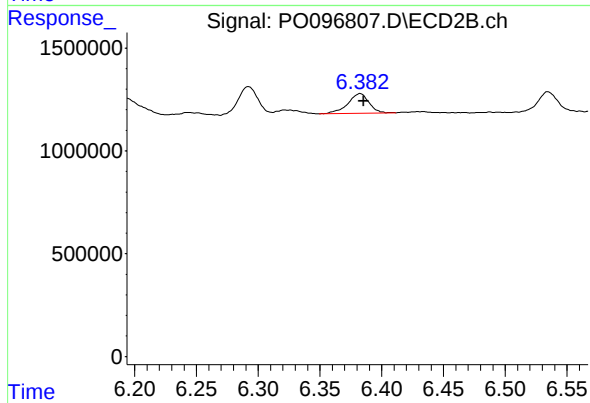
#31 AR-1260-1

R.T.: 6.194 min
Delta R.T.: -0.002 min
Response: 1330455
Conc: 18.91 ng/ml



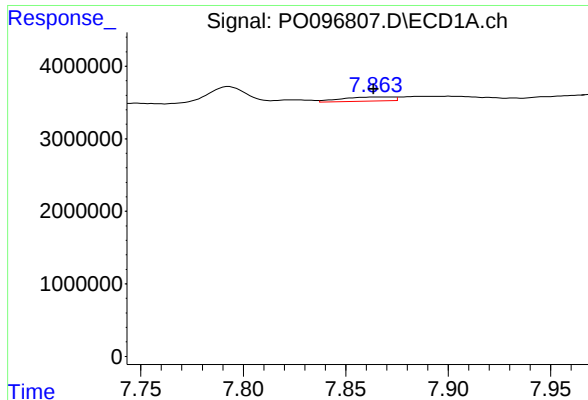
#32 AR-1260-2

R.T.: 7.502 min
Delta R.T.: 0.009 min
Response: 1631475
Conc: 12.11 ng/ml



#32 AR-1260-2

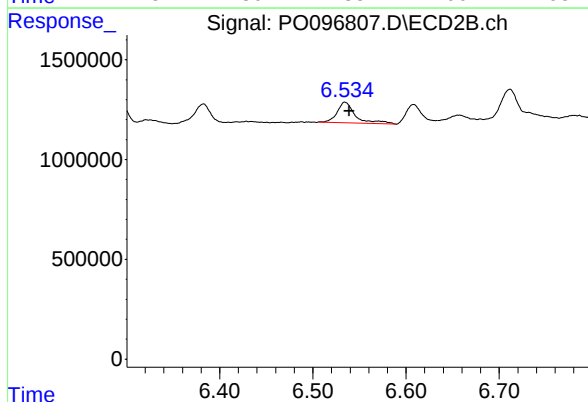
R.T.: 6.383 min
Delta R.T.: -0.003 min
Response: 1137946
Conc: 13.63 ng/ml



#33 AR-1260-3

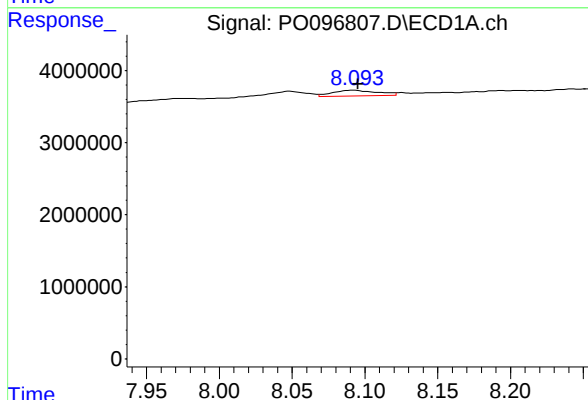
R.T.: 7.870 min
Delta R.T.: 0.007 min
Response: 968400
Conc: 9.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



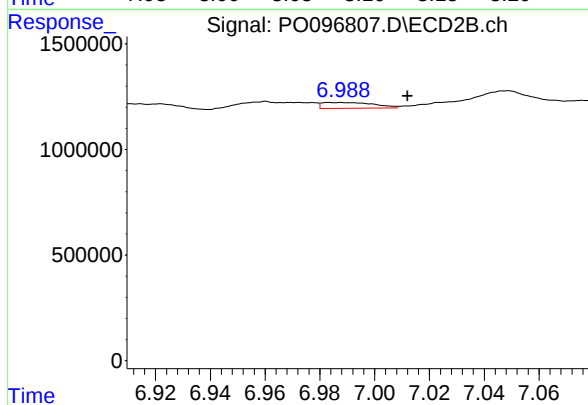
#33 AR-1260-3

R.T.: 6.535 min
Delta R.T.: -0.005 min
Response: 1400830
Conc: 18.14 ng/ml



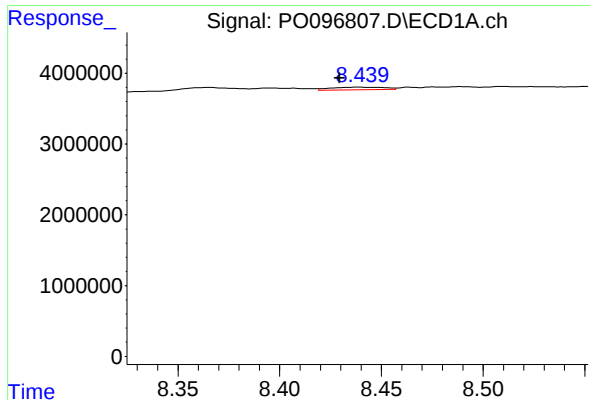
#34 AR-1260-4

R.T.: 8.093 min
Delta R.T.: -0.003 min
Response: 1724587
Conc: 15.43 ng/ml



#34 AR-1260-4

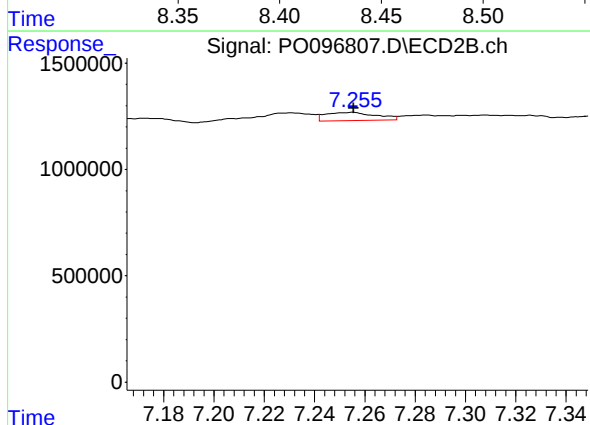
R.T.: 6.988 min
Delta R.T.: -0.024 min
Response: 364139
Conc: 5.68 ng/ml



#35 AR-1260-5

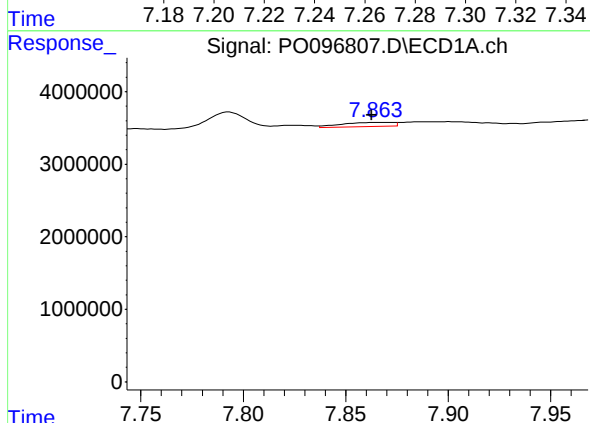
R.T.: 8.439 min
Delta R.T.: 0.010 min
Response: 716929
Conc: 3.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



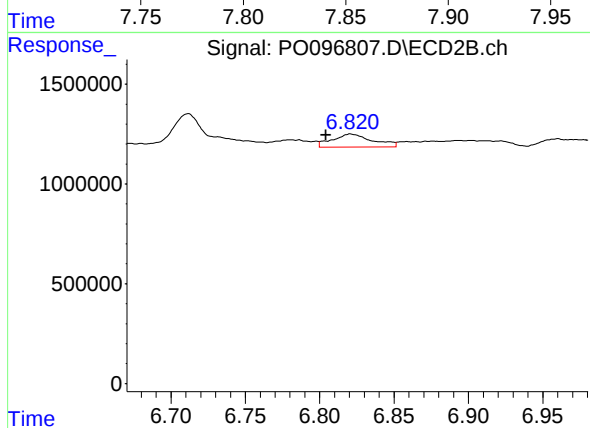
#35 AR-1260-5

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 536596
Conc: 3.87 ng/ml



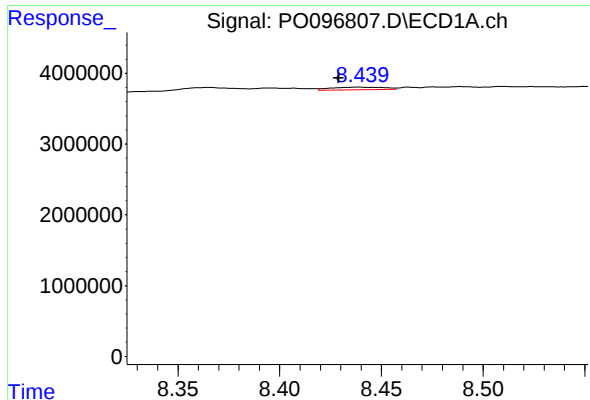
#36 AR-1262-1

R.T.: 7.870 min
Delta R.T.: 0.008 min
Response: 968400
Conc: 6.52 ng/ml



#36 AR-1262-1

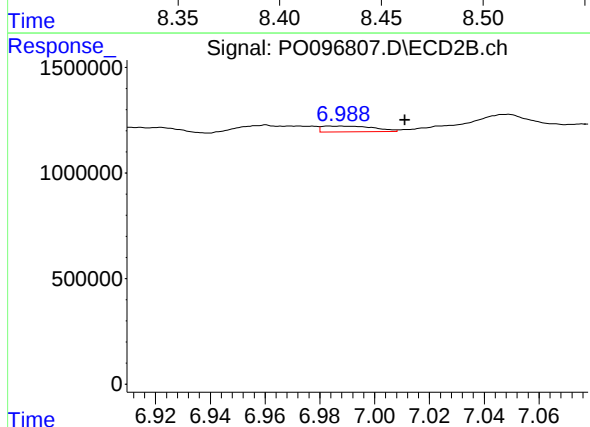
R.T.: 6.821 min
Delta R.T.: 0.016 min
Response: 1232955
Conc: 31.32 ng/ml



#37 AR-1262-2

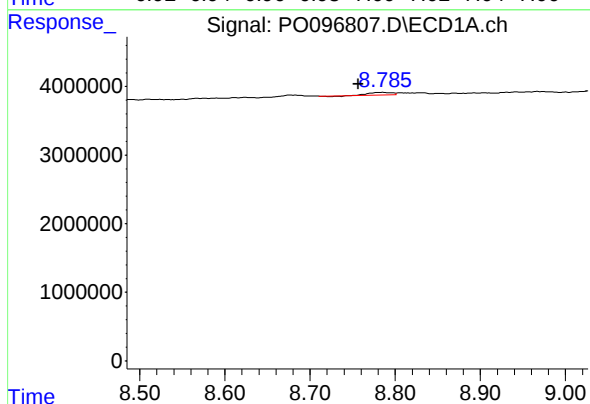
R.T.: 8.439 min
Delta R.T.: 0.011 min
Response: 716929
Conc: 3.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



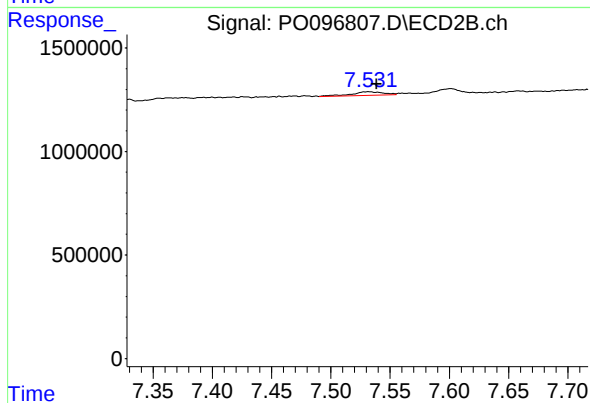
#37 AR-1262-2

R.T.: 6.988 min
Delta R.T.: -0.023 min
Response: 364139
Conc: 4.49 ng/ml



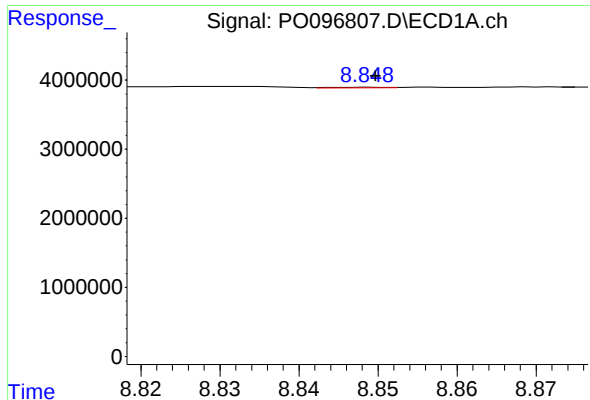
#38 AR-1262-3

R.T.: 8.786 min
Delta R.T.: 0.029 min
Response: 668058
Conc: 4.01 ng/ml



#38 AR-1262-3

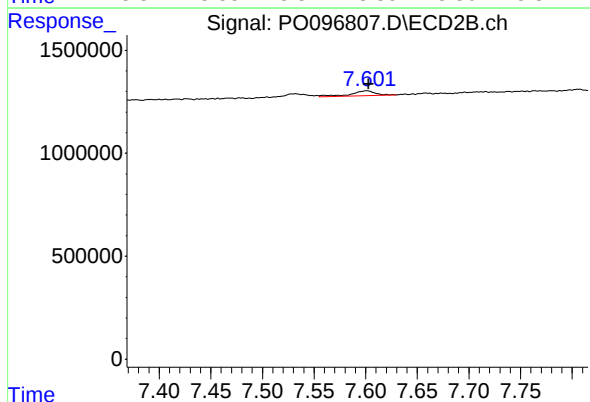
R.T.: 7.532 min
Delta R.T.: -0.007 min
Response: 336397
Conc: 5.24 ng/ml



#39 AR-1262-4

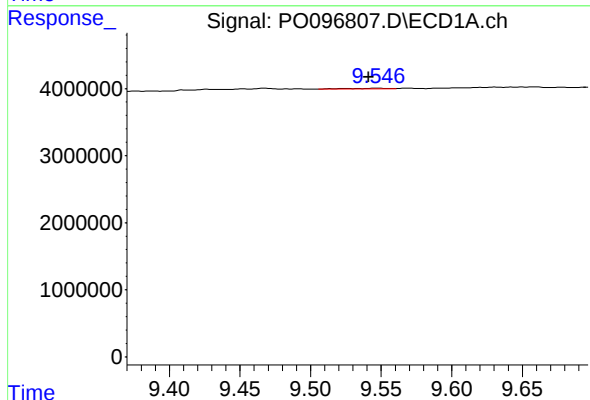
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 52644
Conc: 0.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



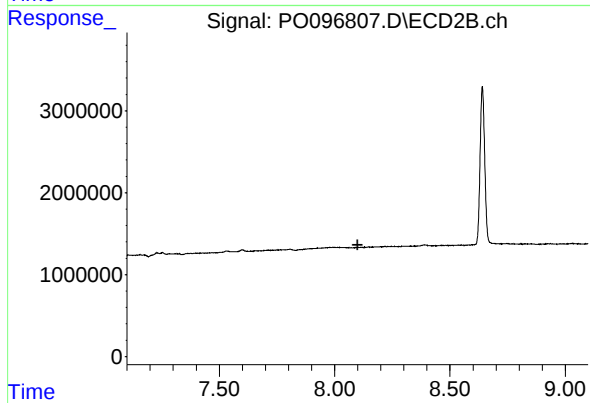
#39 AR-1262-4

R.T.: 7.601 min
Delta R.T.: -0.002 min
Response: 418964
Conc: 3.69 ng/ml



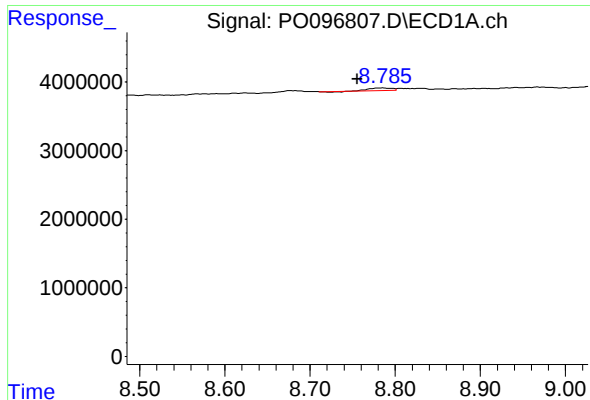
#40 AR-1262-5

R.T.: 9.546 min
Delta R.T.: 0.005 min
Response: 224940
Conc: 2.70 ng/ml



#40 AR-1262-5

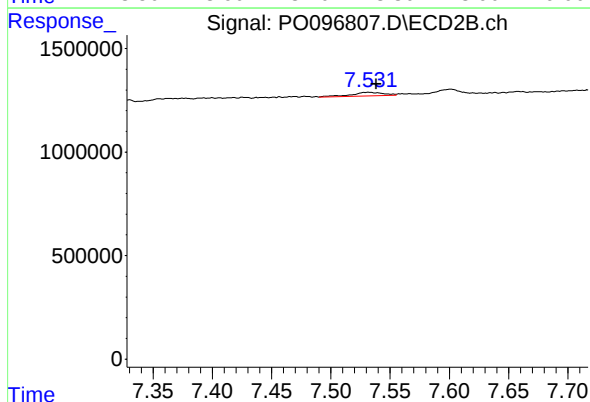
R.T.: 0.000 min
Exp R.T.: 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

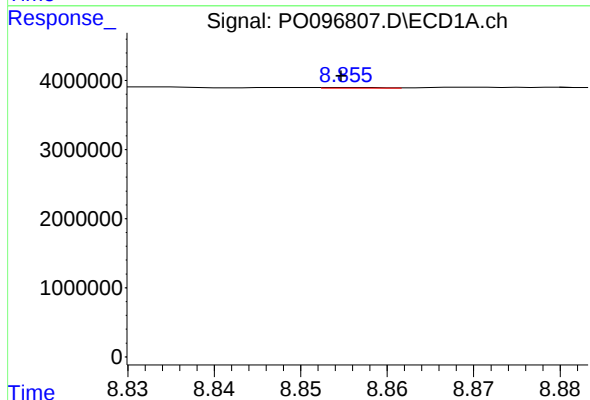
R.T.: 8.786 min
Delta R.T.: 0.030 min
Response: 668058
Conc: 2.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



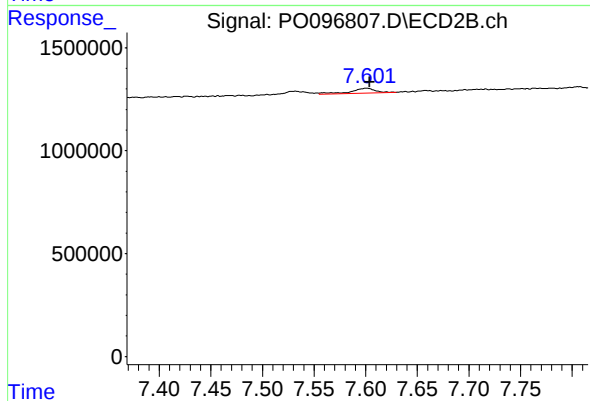
#41 AR-1268-1

R.T.: 7.532 min
Delta R.T.: -0.006 min
Response: 336397
Conc: 1.82 ng/ml



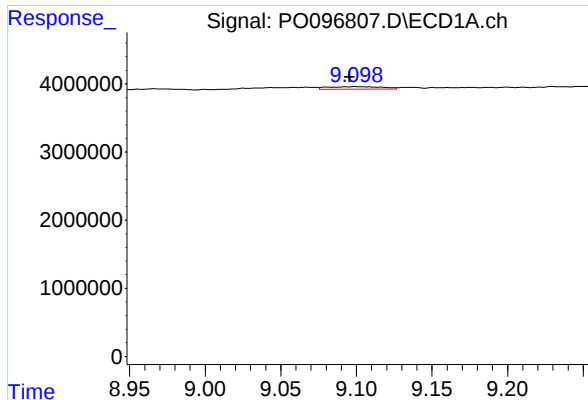
#42 AR-1268-2

R.T.: 8.856 min
Delta R.T.: 0.001 min
Response: 37203
Conc: 0.14 ng/ml



#42 AR-1268-2

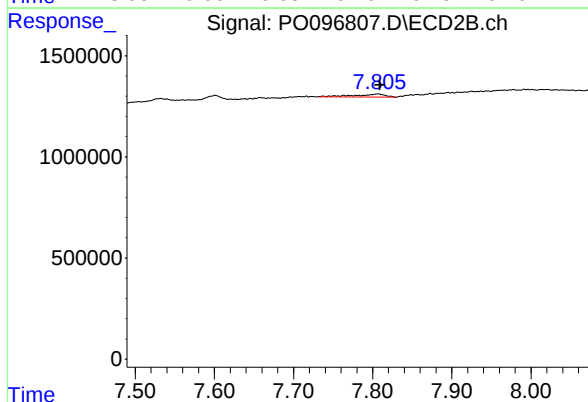
R.T.: 7.601 min
Delta R.T.: -0.003 min
Response: 418964
Conc: 2.50 ng/ml



#43 AR-1268-3

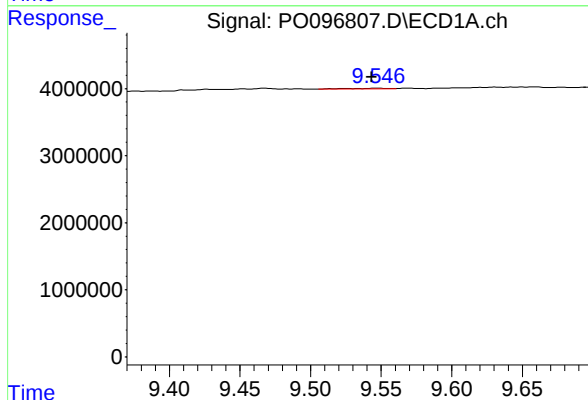
R.T.: 9.100 min
Delta R.T.: 0.004 min
Response: 914317
Conc: 3.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



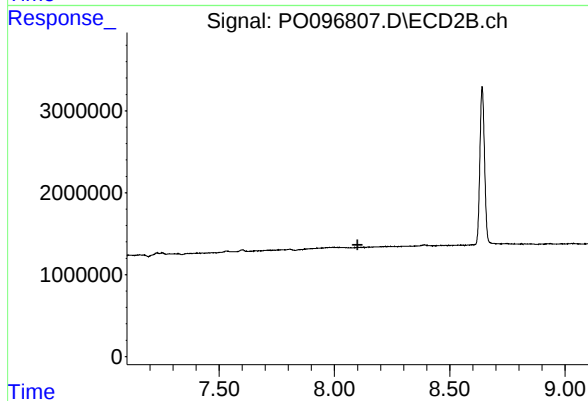
#43 AR-1268-3

R.T.: 7.806 min
Delta R.T.: -0.003 min
Response: 401876
Conc: 2.78 ng/ml



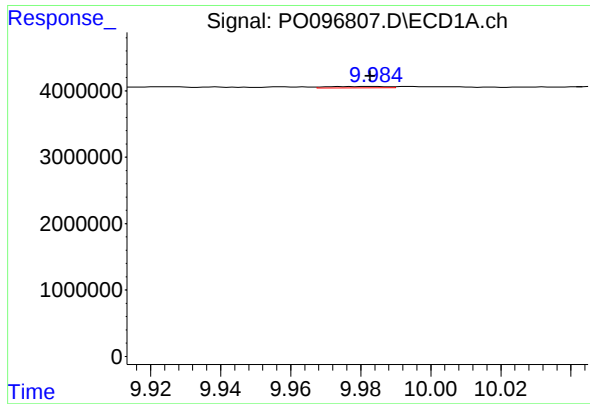
#44 AR-1268-4

R.T.: 9.546 min
Delta R.T.: 0.003 min
Response: 224940
Conc: 2.43 ng/ml



#44 AR-1268-4

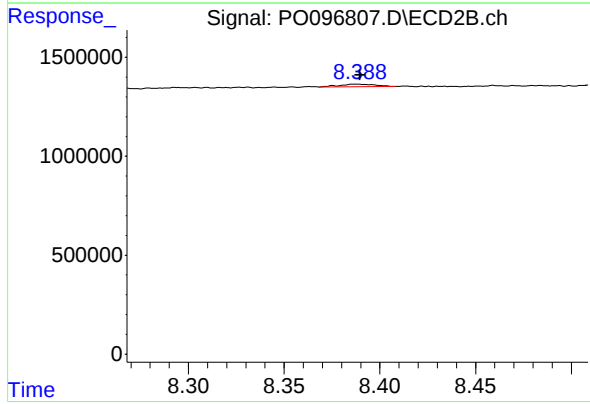
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.984 min
Delta R.T.: 0.001 min
Response: 235618
Conc: 0.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.388 min
Delta R.T.: -0.001 min
Response: 166817
Conc: 0.40 ng/ml