

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080823\
 Data File : P0096812.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 05:00
 Operator : YP/AJ
 Sample : 03572-01
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 06:07:24 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...	4.409	3.619	67896649	26981782	20.511	20.382
2) SA Decachlor...	10.349	8.641	49890547	26922513	22.800	23.271
Target Compounds						
3) L1 AR-1016-1	5.594	4.705	4207261	1924105	44.671	43.398
4) L1 AR-1016-2	5.617	4.723	5738625	2653887	42.898	43.385
5) L1 AR-1016-3	5.680	4.900	3791882	1398467	43.574	42.808
6) L1 AR-1016-4	5.780	4.943	2873405	1307630	42.778	45.743
7) L1 AR-1016-5	6.081	5.156	3114930	1667188	44.616	43.364
8) L2 AR-1221-1	4.613	3.831	756709	261376	18.567	15.059
9) L2 AR-1221-2	4.718	3.919	1739416	593917	57.256	45.966
10) L2 AR-1221-3	4.785	3.994	2642350	1190535	30.187	29.993
11) L3 AR-1232-1	4.785	3.994	2642350	1190535	36.230	36.805
12) L3 AR-1232-2	5.322	4.723	3670493	2653887	92.582	91.981
13) L3 AR-1232-3	5.617	4.900	5738625	1398467	93.810	92.236
14) L3 AR-1232-4	5.780	4.984	2873405	1542034	94.167	103.183
15) L3 AR-1232-5	5.874	5.156	2832366	1667188	101.217	101.989
16) L4 AR-1242-1	5.594	4.705	4207261	1924105	50.196	48.804
17) L4 AR-1242-2	5.617	4.723	5738625	2653887	48.731	48.703
18) L4 AR-1242-3	5.680	4.900	3791882	1398467	51.330	47.296
19) L4 AR-1242-4	5.780	4.984	2873405	1542034	48.268	48.932
20) L4 AR-1242-5	6.537	5.509	523980	1743217	9.523	47.843 #
21) L5 AR-1248-1	5.594	4.705	4207261	1924105	71.804	68.565
22) L5 AR-1248-2	5.874	4.943	2832366	1307630	30.126	30.854
23) L5 AR-1248-3	6.081	4.984	3114930	1542034	31.847	35.154
24) L5 AR-1248-4	6.494	5.156	672799	1667188	7.406	32.658 #
25) L5 AR-1248-5	6.537	5.550	523980	531047	5.949	11.359 #
26) L6 AR-1254-1	6.467	5.509	2701122	1743217	24.715	23.622
27) L6 AR-1254-2	6.691	5.657	2379438	1633671	14.758	24.798 #
28) L6 AR-1254-3	7.068	6.077	1740461	2298306	11.107	22.741 #
29) L6 AR-1254-4	7.362	6.293	1213156	165802	12.033	2.865 #
30) L6 AR-1254-5	7.790	6.711	7001058	4217407	62.390	47.971
31) L7 AR-1260-1	7.237	6.193	6866147	4044197	54.629	57.472
32) L7 AR-1260-2	7.500	6.382	6373577	3884643	47.305	46.543
33) L7 AR-1260-3	7.870	6.536	5721614	3833624	55.135	49.646
34) L7 AR-1260-4	8.103	7.009	6072267	2859989	54.312	44.630
35) L7 AR-1260-5	8.437	7.252	9886814	6457122	47.085	46.577
36) L8 AR-1262-1	7.870	6.802	5721614	2088832	38.522	53.058 #
37) L8 AR-1262-2	8.437	7.009	9886814	2859989	42.714	35.263
38) L8 AR-1262-3	8.777	7.536	6353247	1651788	38.089	25.740 #
39) L8 AR-1262-4	8.847	7.600	2451764	4701750	33.629	41.388
40) L8 AR-1262-5	9.550	8.097	2418669	1467492	29.043	27.943
41) L9 AR-1268-1	8.777	7.536	6353247	1651788	20.667	8.915 #

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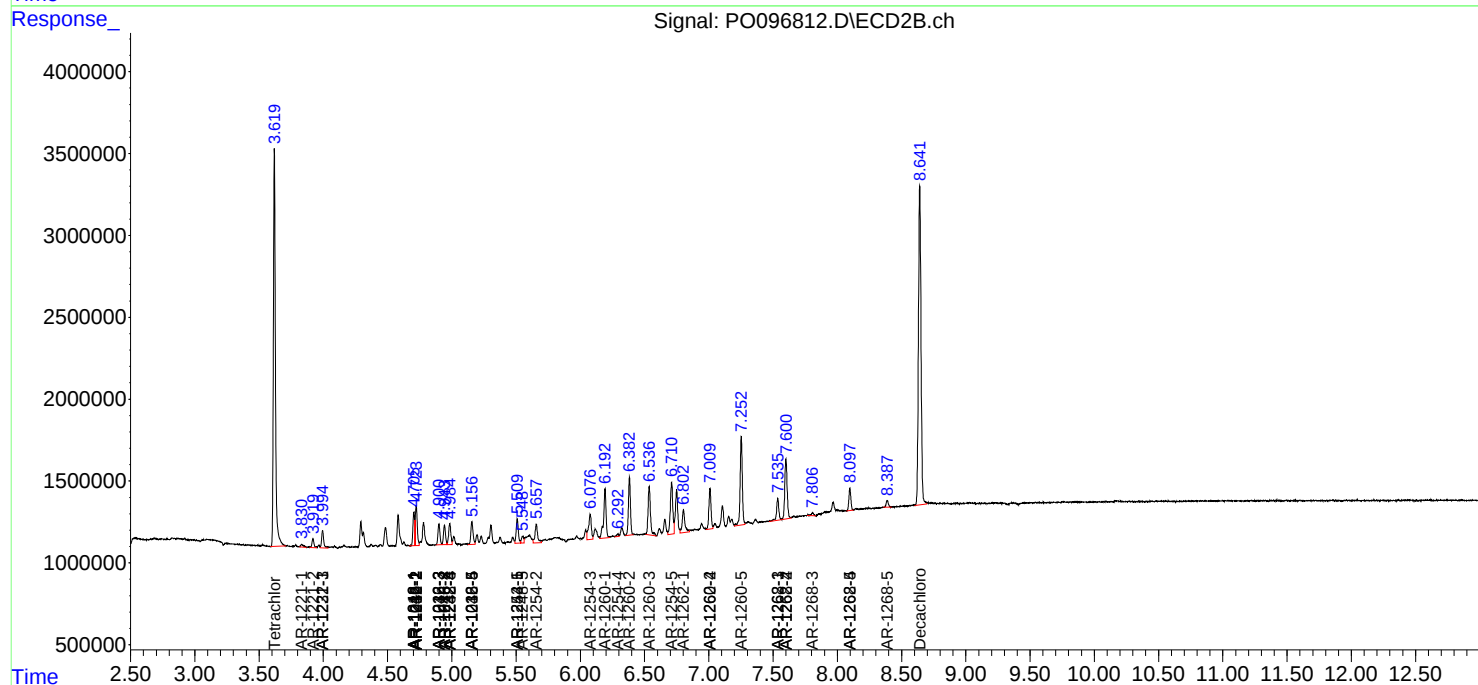
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

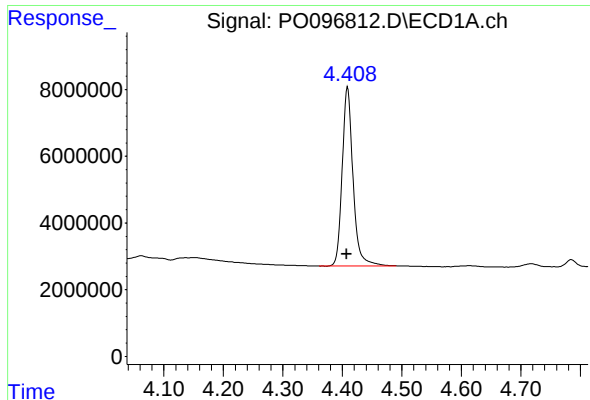
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.847	7.600	2451764	4701750	8.942	28.039 #
43) L9	AR-1268-3	9.103	7.807	1144337	274784	4.481	1.902 #
44) L9	AR-1268-4	9.550	8.097	2418669	1467492	26.088	24.633
45) L9	AR-1268-5	9.987	8.388	1044601	470178	1.293	1.130

(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

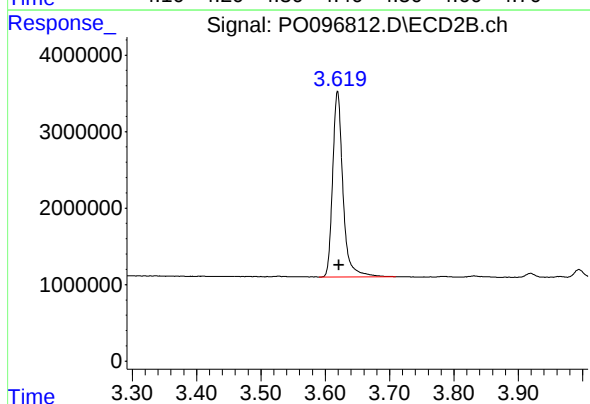




#1 Tetrachloro-m-xylene

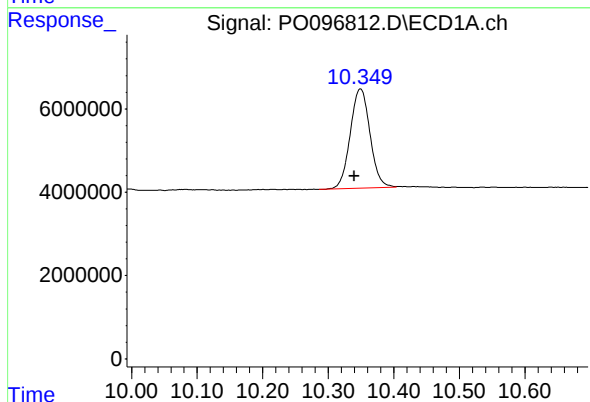
R.T.: 4.409 min
Delta R.T.: 0.002 min
Response: 67896649
Conc: 20.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



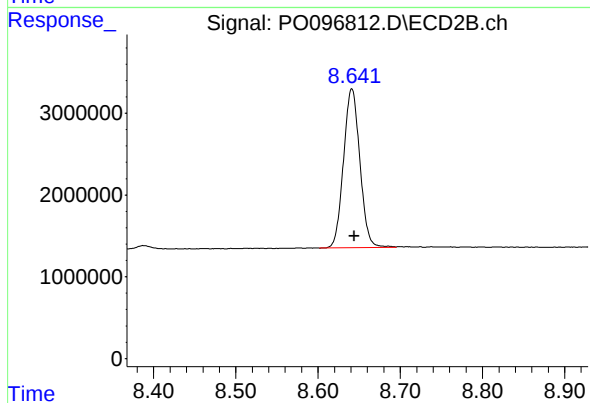
#1 Tetrachloro-m-xylene

R.T.: 3.619 min
Delta R.T.: -0.002 min
Response: 26981782
Conc: 20.38 ng/ml



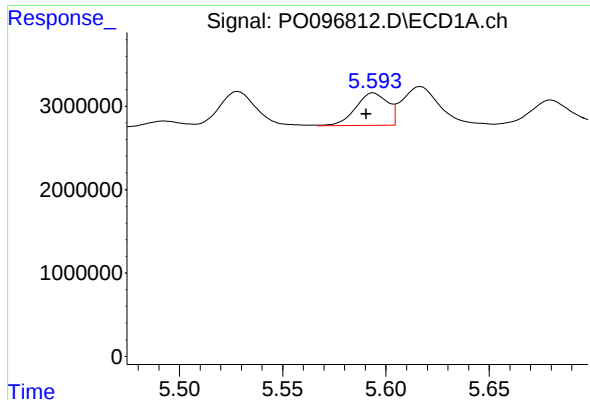
#2 Decachlorobiphenyl

R.T.: 10.349 min
Delta R.T.: 0.010 min
Response: 49890547
Conc: 22.80 ng/ml



#2 Decachlorobiphenyl

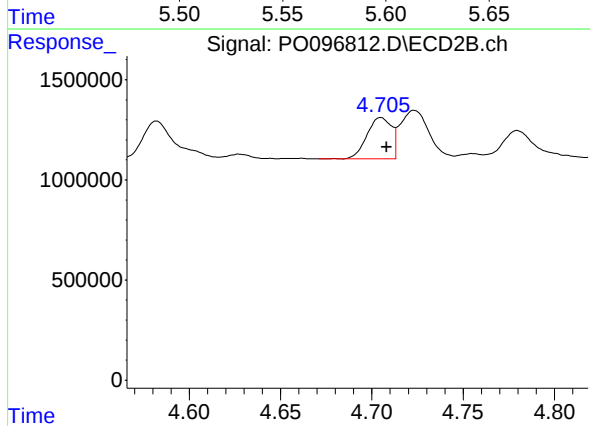
R.T.: 8.641 min
Delta R.T.: -0.003 min
Response: 26922513
Conc: 23.27 ng/ml



#3 AR-1016-1

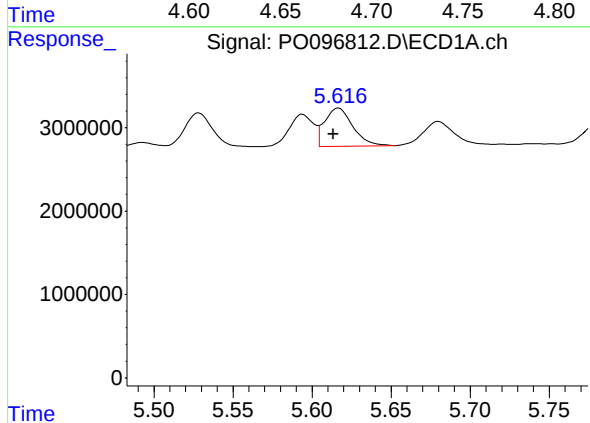
R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 4207261
Conc: 44.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



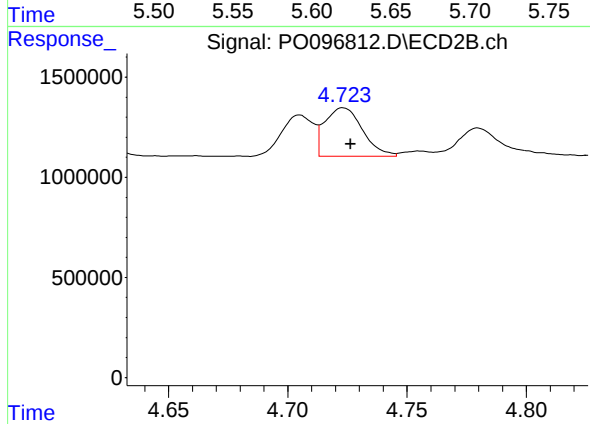
#3 AR-1016-1

R.T.: 4.705 min
Delta R.T.: -0.003 min
Response: 1924105
Conc: 43.40 ng/ml



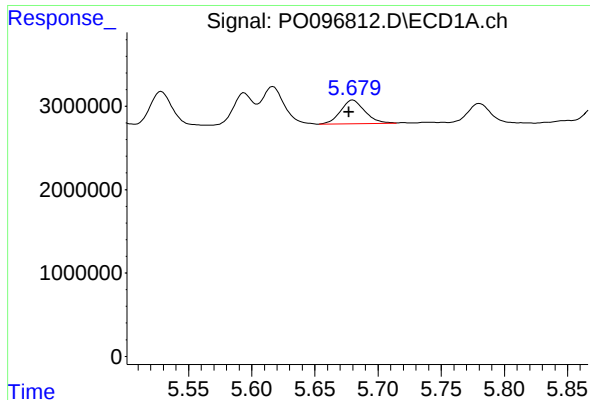
#4 AR-1016-2

R.T.: 5.617 min
Delta R.T.: 0.003 min
Response: 5738625
Conc: 42.90 ng/ml



#4 AR-1016-2

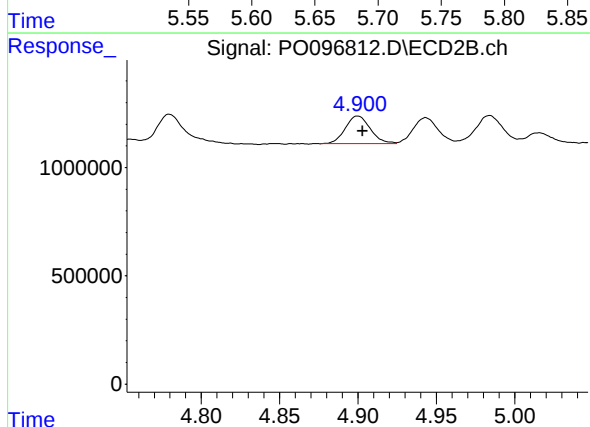
R.T.: 4.723 min
Delta R.T.: -0.003 min
Response: 2653887
Conc: 43.38 ng/ml



#5 AR-1016-3

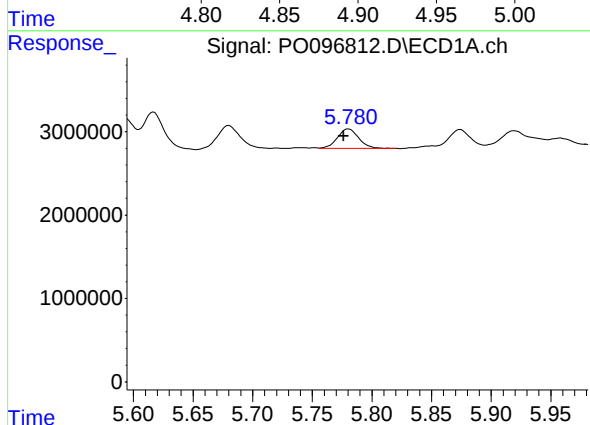
R.T.: 5.680 min
Delta R.T.: 0.003 min
Response: 3791882
Conc: 43.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



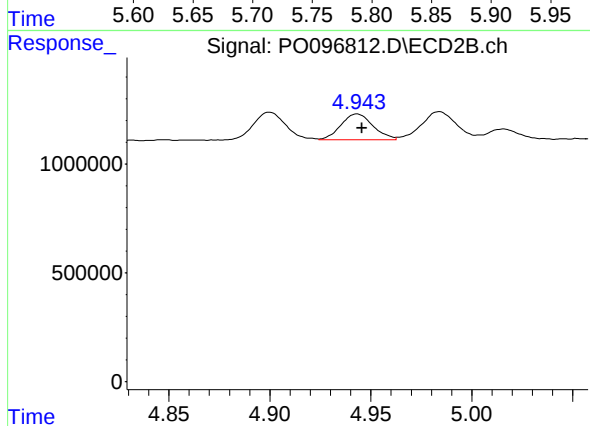
#5 AR-1016-3

R.T.: 4.900 min
Delta R.T.: -0.003 min
Response: 1398467
Conc: 42.81 ng/ml



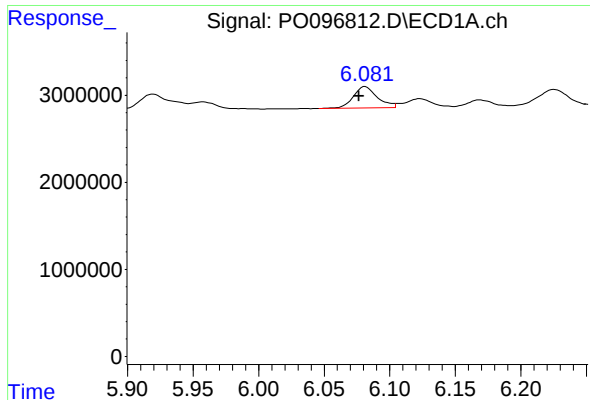
#6 AR-1016-4

R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 2873405
Conc: 42.78 ng/ml



#6 AR-1016-4

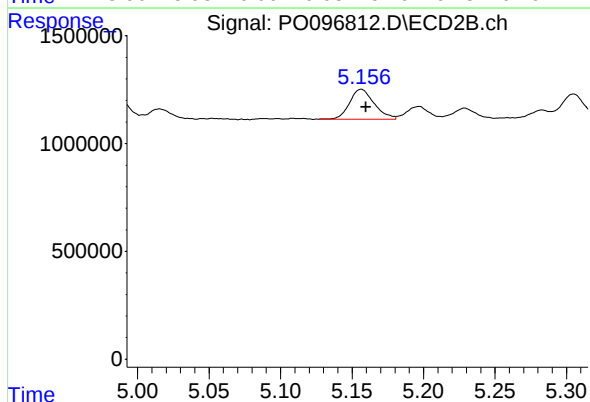
R.T.: 4.943 min
Delta R.T.: -0.002 min
Response: 1307630
Conc: 45.74 ng/ml



#7 AR-1016-5

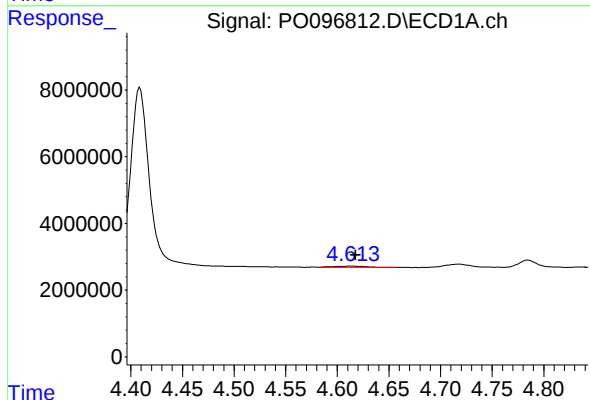
R.T.: 6.081 min
Delta R.T.: 0.005 min
Response: 3114930
Conc: 44.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



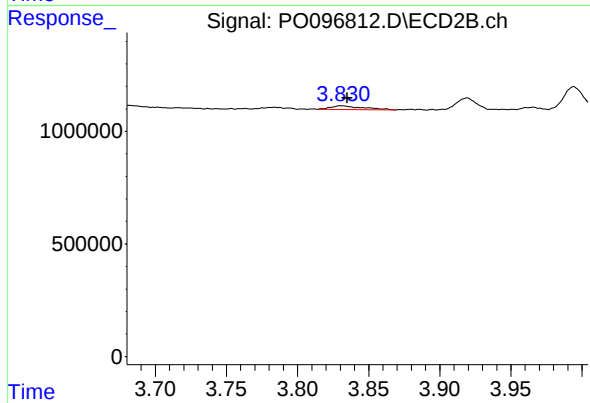
#7 AR-1016-5

R.T.: 5.156 min
Delta R.T.: -0.003 min
Response: 1667188
Conc: 43.36 ng/ml



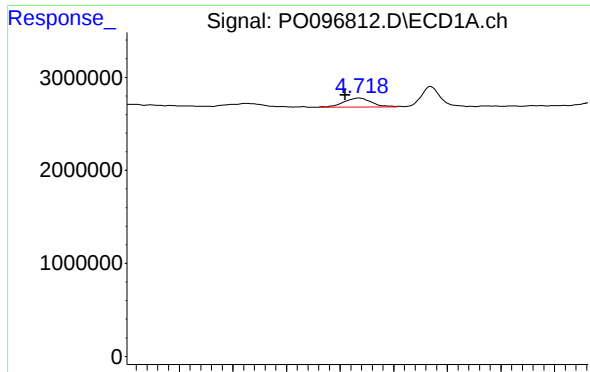
#8 AR-1221-1

R.T.: 4.613 min
Delta R.T.: -0.004 min
Response: 756709
Conc: 18.57 ng/ml



#8 AR-1221-1

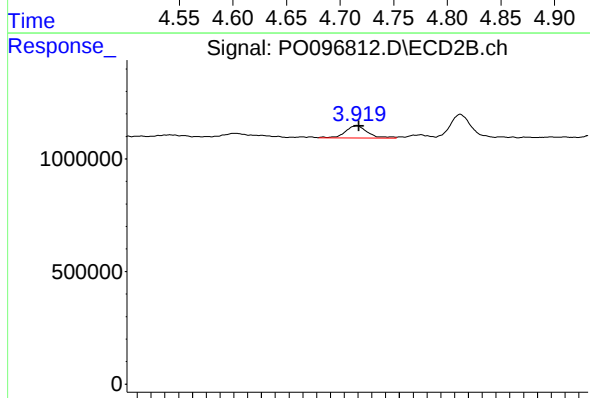
R.T.: 3.831 min
Delta R.T.: -0.004 min
Response: 261376
Conc: 15.06 ng/ml



#9 AR-1221-2

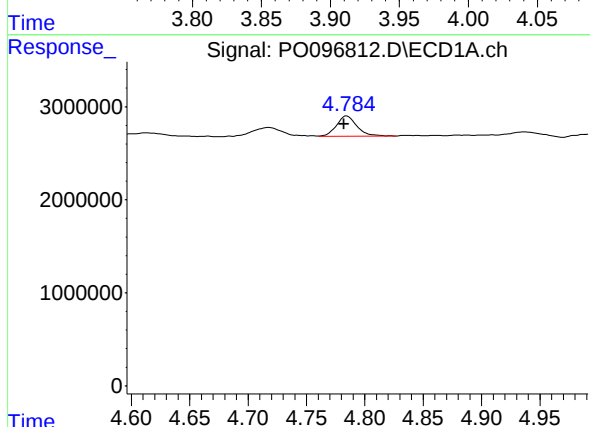
R.T.: 4.718 min
Delta R.T.: 0.013 min
Response: 1739416
Conc: 57.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



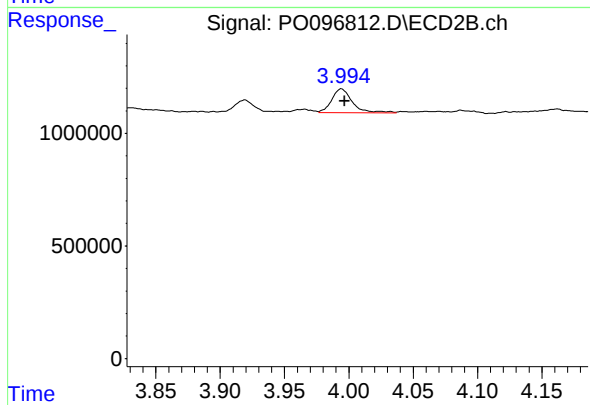
#9 AR-1221-2

R.T.: 3.919 min
Delta R.T.: -0.002 min
Response: 593917
Conc: 45.97 ng/ml



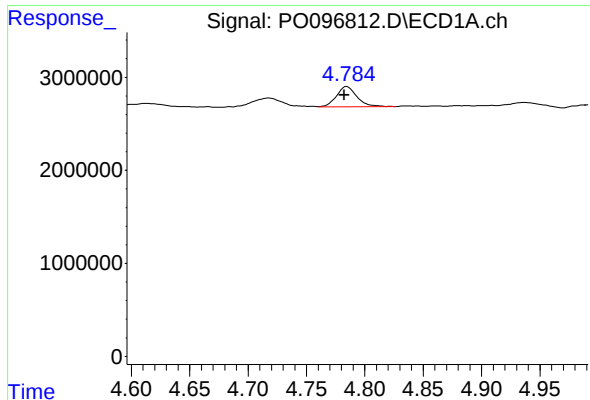
#10 AR-1221-3

R.T.: 4.785 min
Delta R.T.: 0.002 min
Response: 2642350
Conc: 30.19 ng/ml



#10 AR-1221-3

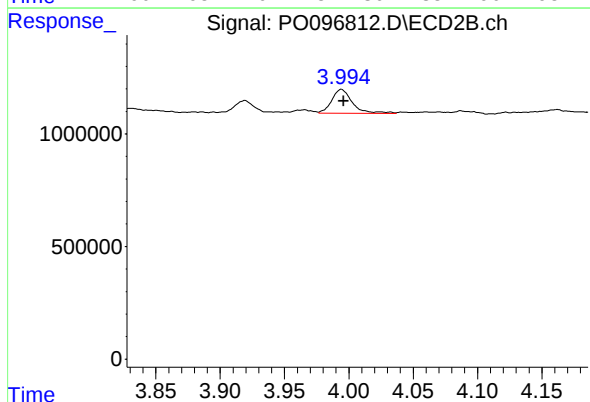
R.T.: 3.994 min
Delta R.T.: -0.003 min
Response: 1190535
Conc: 29.99 ng/ml



#11 AR-1232-1

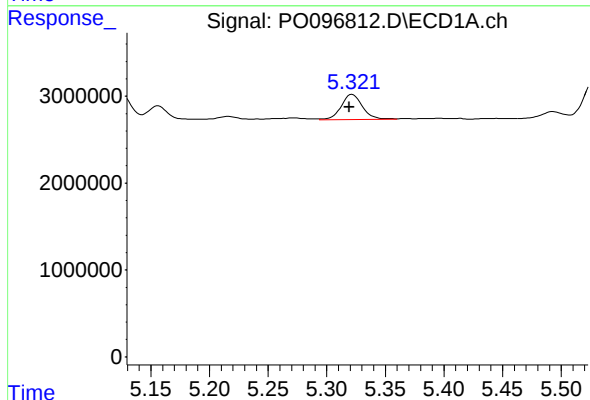
R.T.: 4.785 min
Delta R.T.: 0.002 min
Response: 2642350
Conc: 36.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



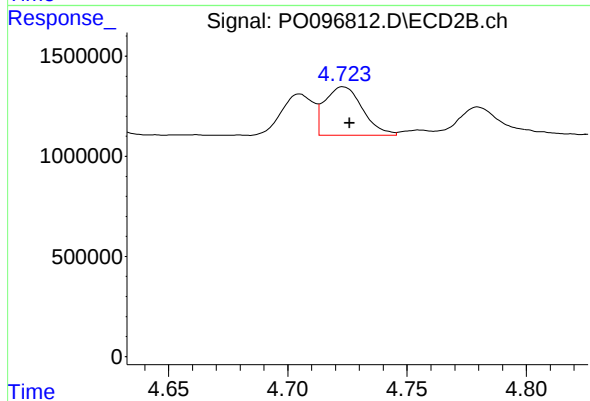
#11 AR-1232-1

R.T.: 3.994 min
Delta R.T.: -0.002 min
Response: 1190535
Conc: 36.80 ng/ml



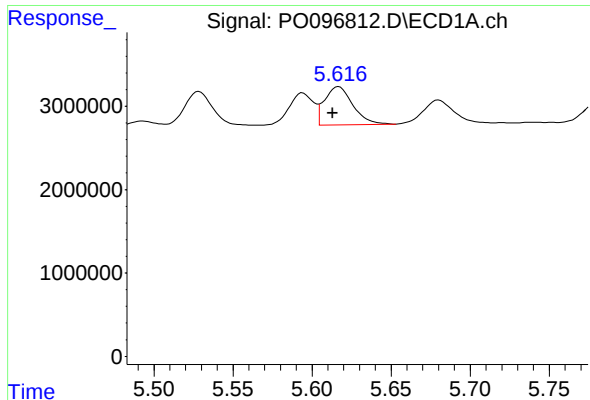
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: 0.003 min
Response: 3670493
Conc: 92.58 ng/ml



#12 AR-1232-2

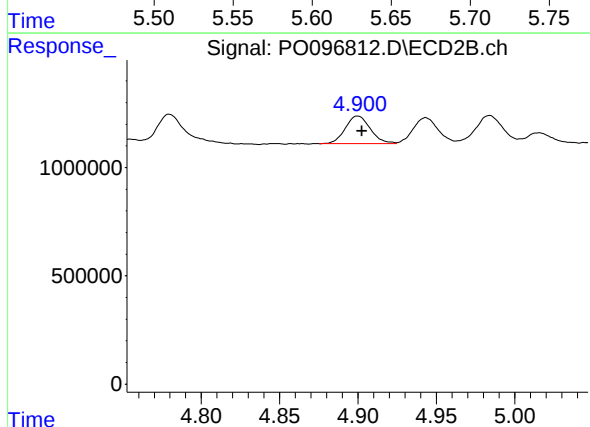
R.T.: 4.723 min
Delta R.T.: -0.003 min
Response: 2653887
Conc: 91.98 ng/ml



#13 AR-1232-3

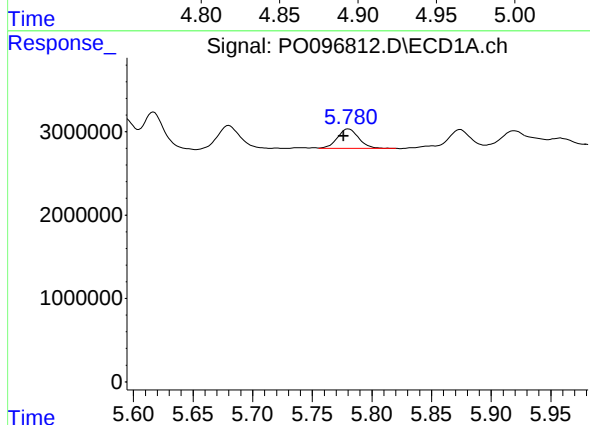
R.T.: 5.617 min
Delta R.T.: 0.004 min
Response: 5738625
Conc: 93.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



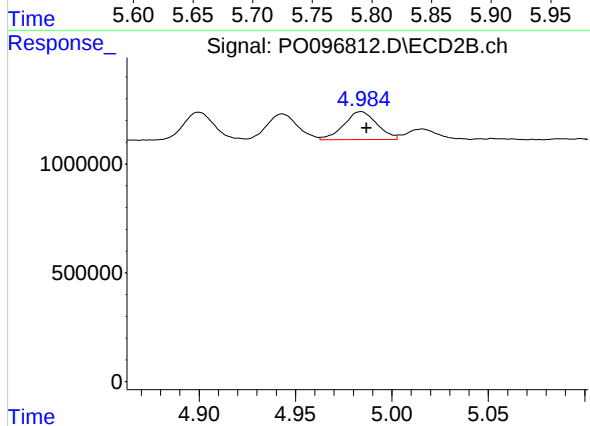
#13 AR-1232-3

R.T.: 4.900 min
Delta R.T.: -0.002 min
Response: 1398467
Conc: 92.24 ng/ml



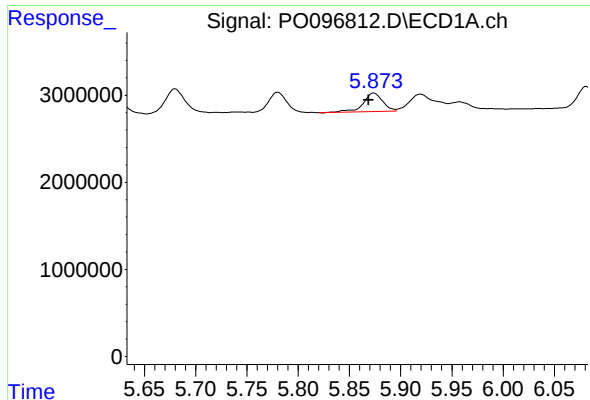
#14 AR-1232-4

R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 2873405
Conc: 94.17 ng/ml



#14 AR-1232-4

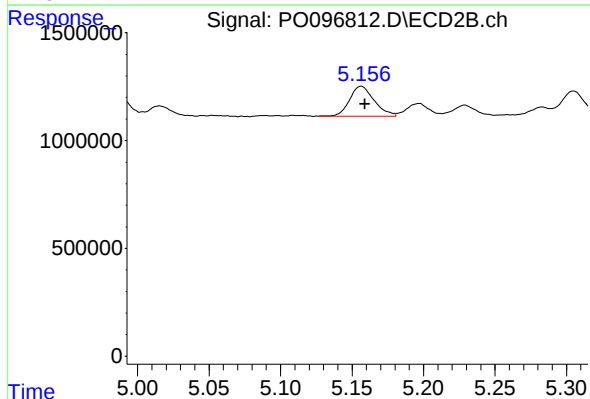
R.T.: 4.984 min
Delta R.T.: -0.003 min
Response: 1542034
Conc: 103.18 ng/ml



#15 AR-1232-5

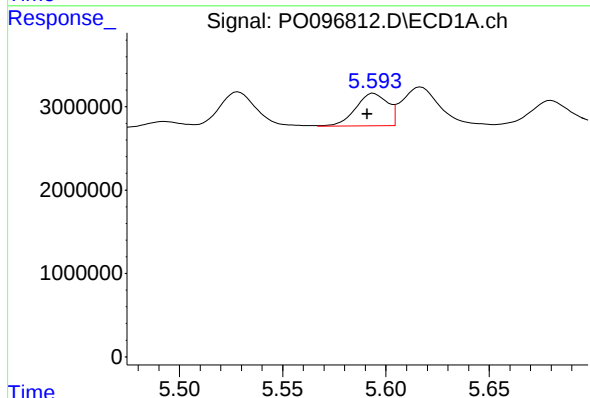
R.T.: 5.874 min
Delta R.T.: 0.005 min
Response: 2832366
Conc: 101.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



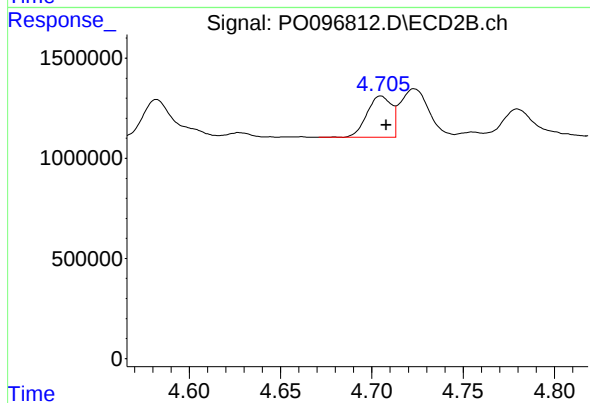
#15 AR-1232-5

R.T.: 5.156 min
Delta R.T.: -0.003 min
Response: 1667188
Conc: 101.99 ng/ml



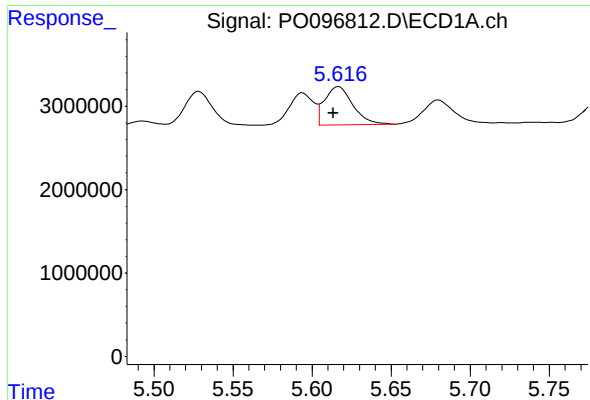
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 4207261
Conc: 50.20 ng/ml



#16 AR-1242-1

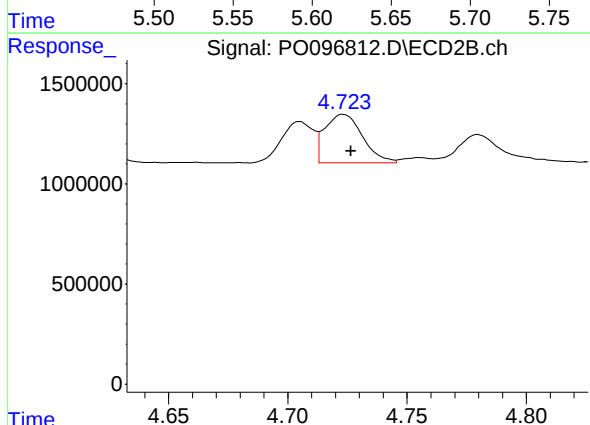
R.T.: 4.705 min
Delta R.T.: -0.003 min
Response: 1924105
Conc: 48.80 ng/ml



#17 AR-1242-2

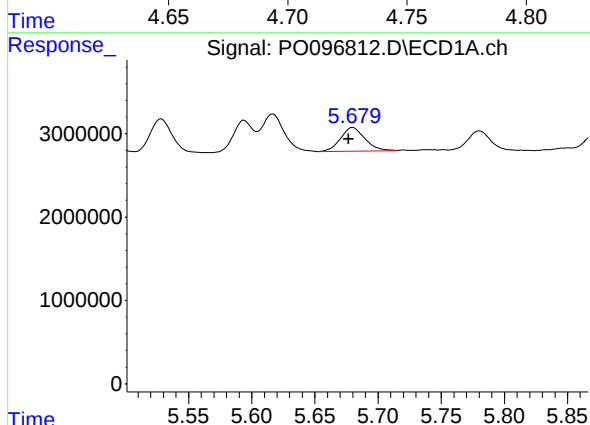
R.T.: 5.617 min
Delta R.T.: 0.003 min
Response: 5738625
Conc: 48.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



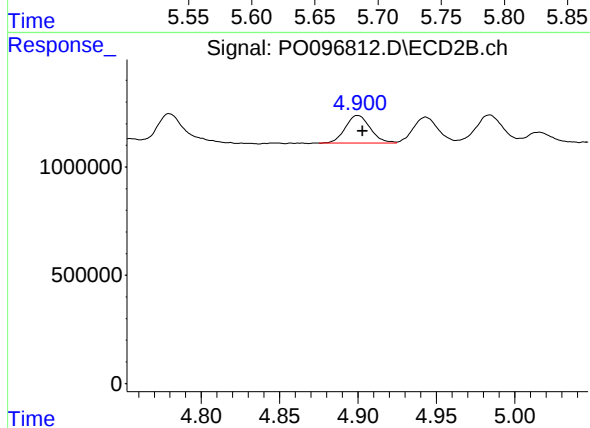
#17 AR-1242-2

R.T.: 4.723 min
Delta R.T.: -0.003 min
Response: 2653887
Conc: 48.70 ng/ml



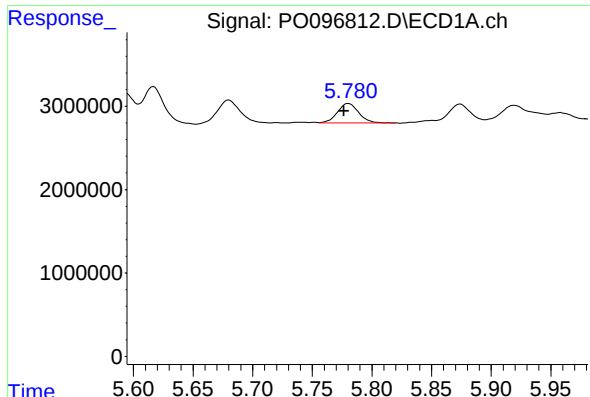
#18 AR-1242-3

R.T.: 5.680 min
Delta R.T.: 0.003 min
Response: 3791882
Conc: 51.33 ng/ml



#18 AR-1242-3

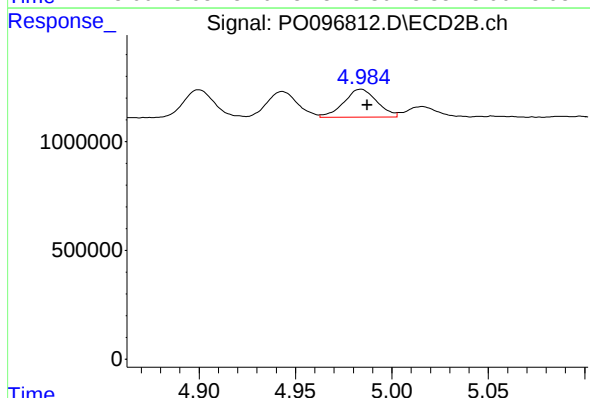
R.T.: 4.900 min
Delta R.T.: -0.003 min
Response: 1398467
Conc: 47.30 ng/ml



#19 AR-1242-4

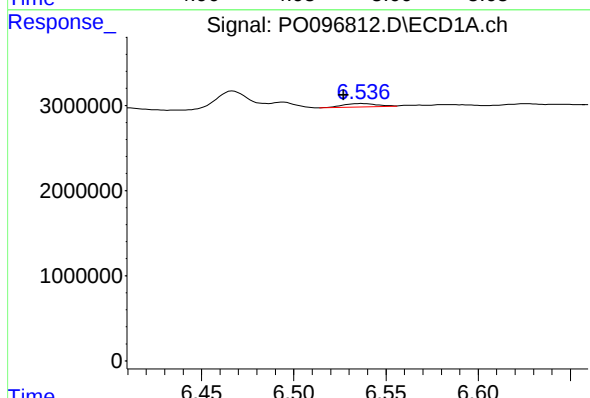
R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 2873405
Conc: 48.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



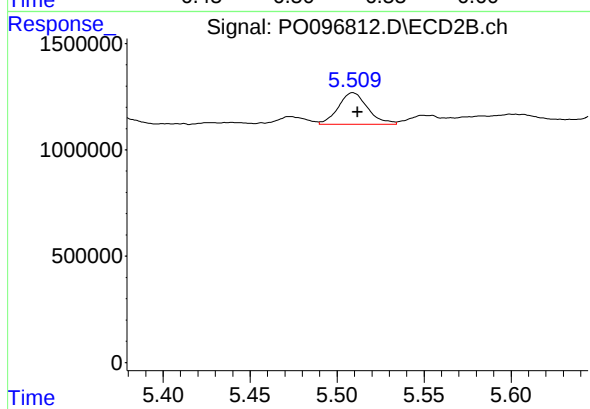
#19 AR-1242-4

R.T.: 4.984 min
Delta R.T.: -0.003 min
Response: 1542034
Conc: 48.93 ng/ml



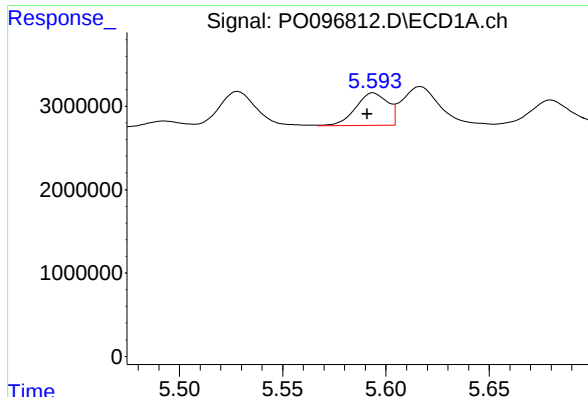
#20 AR-1242-5

R.T.: 6.537 min
Delta R.T.: 0.010 min
Response: 523980
Conc: 9.52 ng/ml



#20 AR-1242-5

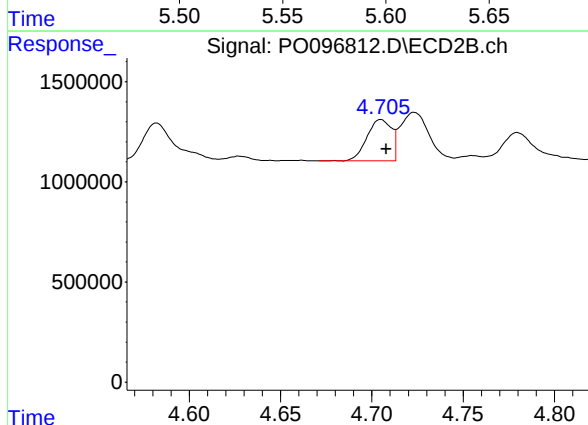
R.T.: 5.509 min
Delta R.T.: -0.003 min
Response: 1743217
Conc: 47.84 ng/ml



#21 AR-1248-1

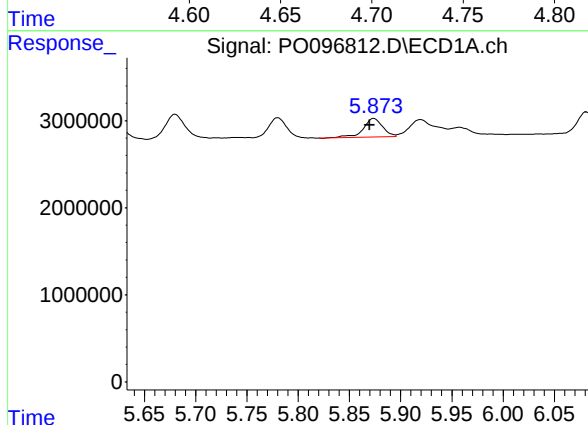
R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 4207261
Conc: 71.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



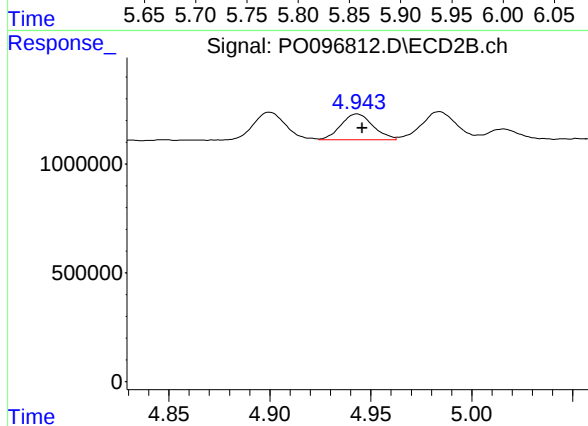
#21 AR-1248-1

R.T.: 4.705 min
Delta R.T.: -0.003 min
Response: 1924105
Conc: 68.56 ng/ml



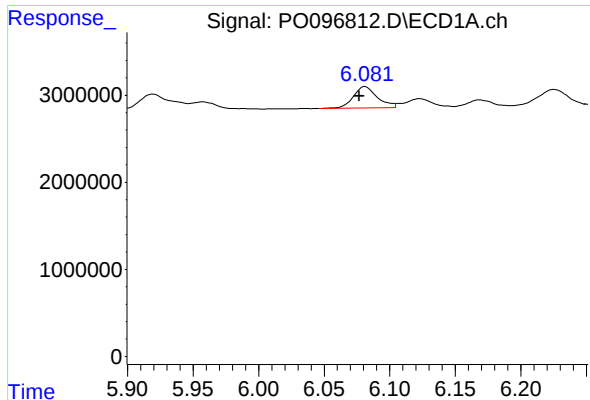
#22 AR-1248-2

R.T.: 5.874 min
Delta R.T.: 0.004 min
Response: 2832366
Conc: 30.13 ng/ml



#22 AR-1248-2

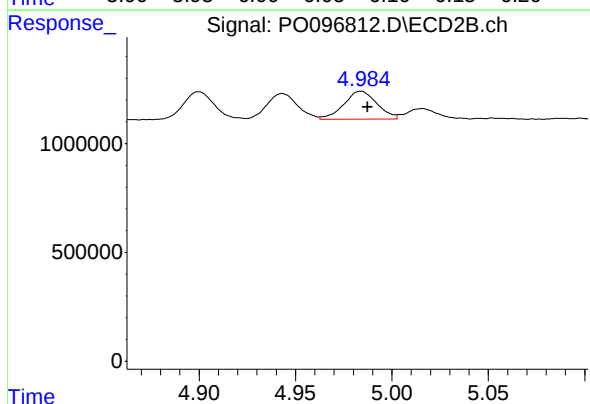
R.T.: 4.943 min
Delta R.T.: -0.003 min
Response: 1307630
Conc: 30.85 ng/ml



#23 AR-1248-3

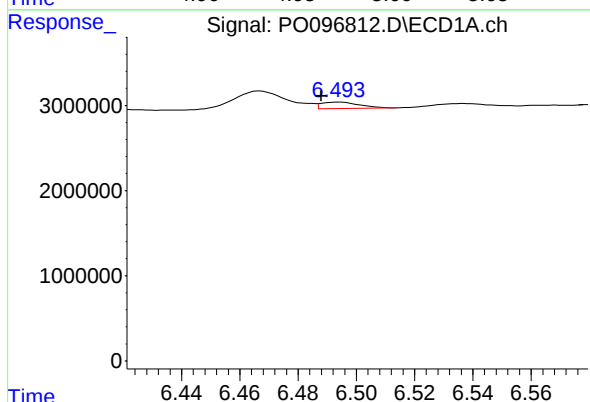
R.T.: 6.081 min
Delta R.T.: 0.004 min
Response: 3114930
Conc: 31.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



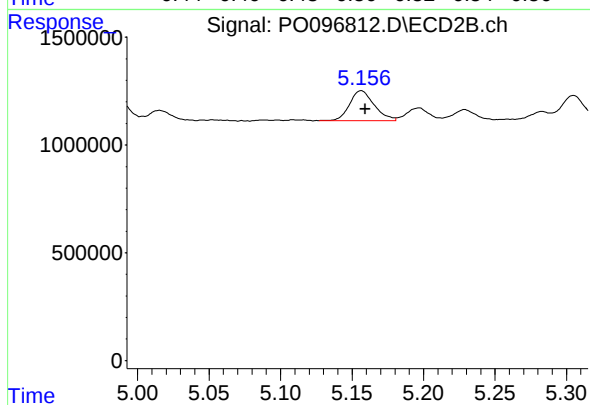
#23 AR-1248-3

R.T.: 4.984 min
Delta R.T.: -0.004 min
Response: 1542034
Conc: 35.15 ng/ml



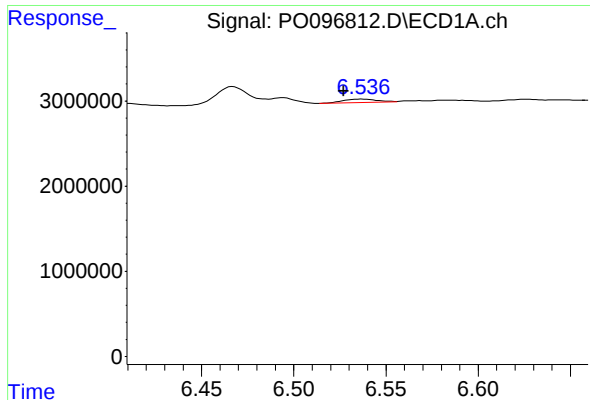
#24 AR-1248-4

R.T.: 6.494 min
Delta R.T.: 0.006 min
Response: 672799
Conc: 7.41 ng/ml



#24 AR-1248-4

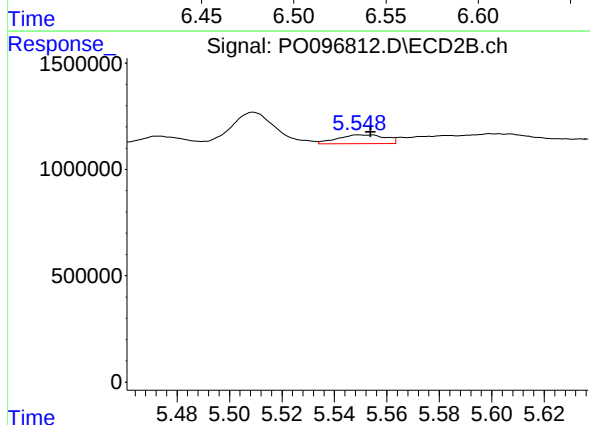
R.T.: 5.156 min
Delta R.T.: -0.003 min
Response: 1667188
Conc: 32.66 ng/ml



#25 AR-1248-5

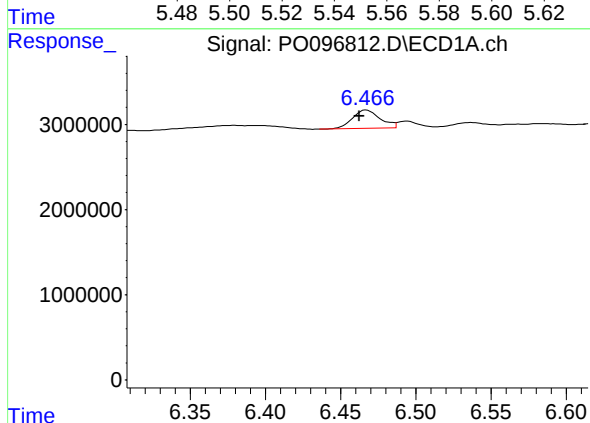
R.T.: 6.537 min
Delta R.T.: 0.010 min
Response: 523980
Conc: 5.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



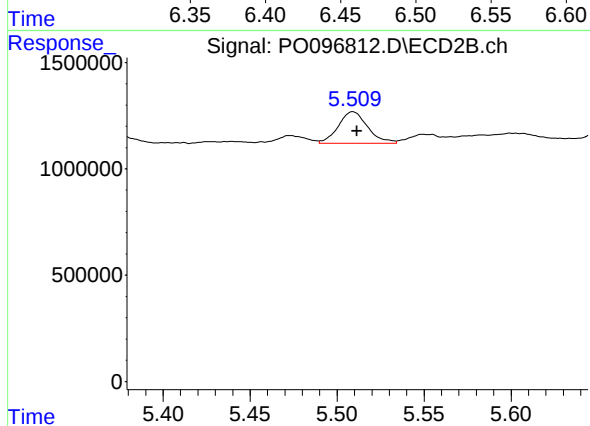
#25 AR-1248-5

R.T.: 5.550 min
Delta R.T.: -0.004 min
Response: 531047
Conc: 11.36 ng/ml



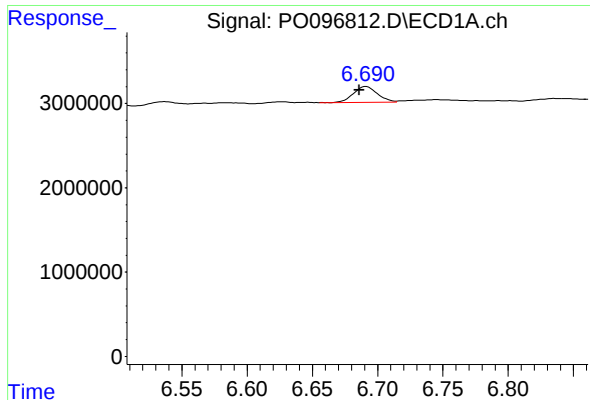
#26 AR-1254-1

R.T.: 6.467 min
Delta R.T.: 0.005 min
Response: 2701122
Conc: 24.72 ng/ml



#26 AR-1254-1

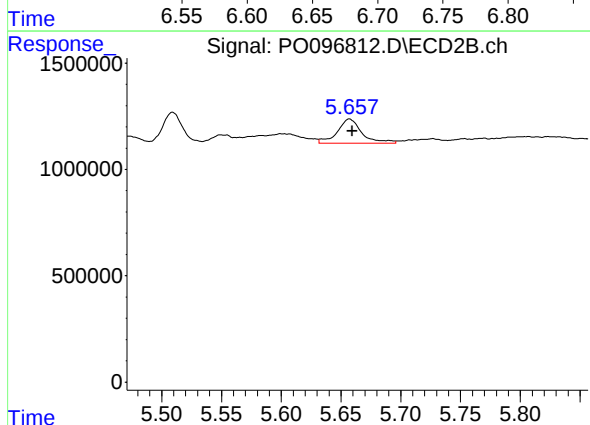
R.T.: 5.509 min
Delta R.T.: -0.002 min
Response: 1743217
Conc: 23.62 ng/ml



#27 AR-1254-2

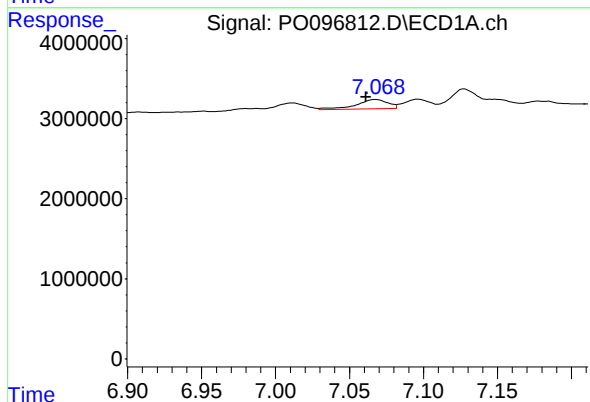
R.T.: 6.691 min
Delta R.T.: 0.005 min
Response: 2379438
Conc: 14.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



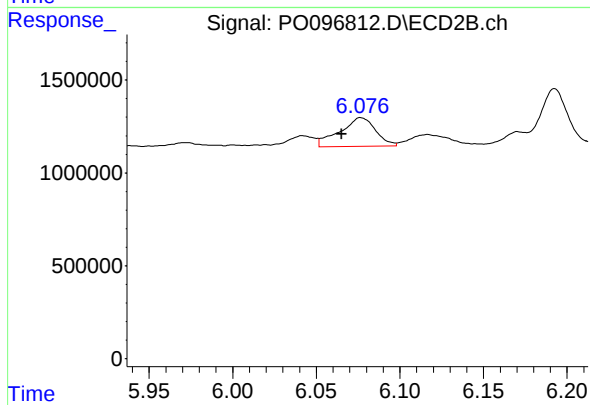
#27 AR-1254-2

R.T.: 5.657 min
Delta R.T.: -0.002 min
Response: 1633671
Conc: 24.80 ng/ml



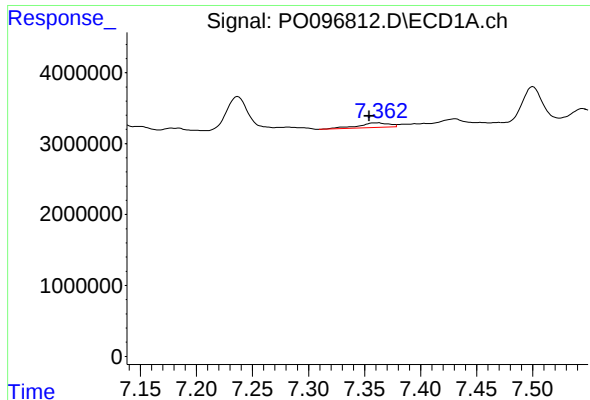
#28 AR-1254-3

R.T.: 7.068 min
Delta R.T.: 0.007 min
Response: 1740461
Conc: 11.11 ng/ml



#28 AR-1254-3

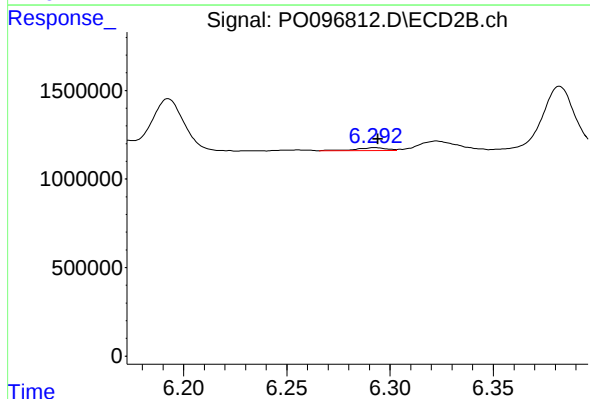
R.T.: 6.077 min
Delta R.T.: 0.012 min
Response: 2298306
Conc: 22.74 ng/ml



#29 AR-1254-4

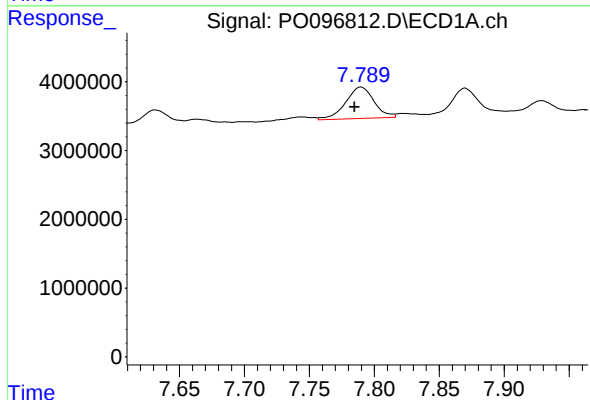
R.T.: 7.362 min
Delta R.T.: 0.007 min
Response: 1213156
Conc: 12.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



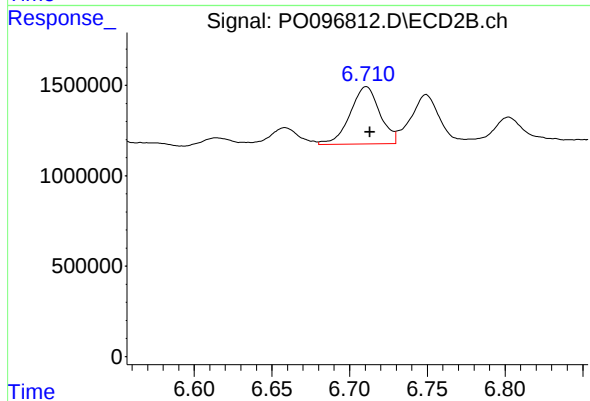
#29 AR-1254-4

R.T.: 6.293 min
Delta R.T.: -0.001 min
Response: 165802
Conc: 2.86 ng/ml



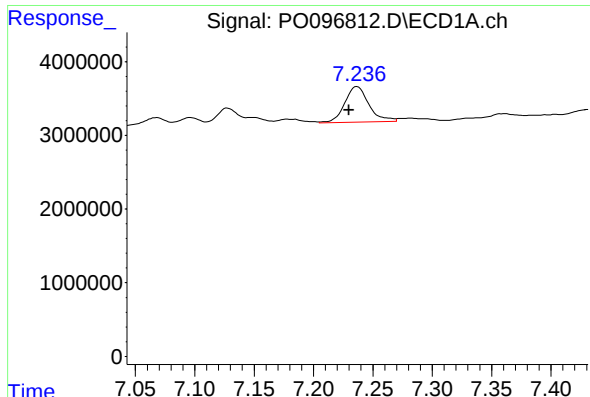
#30 AR-1254-5

R.T.: 7.790 min
Delta R.T.: 0.005 min
Response: 7001058
Conc: 62.39 ng/ml



#30 AR-1254-5

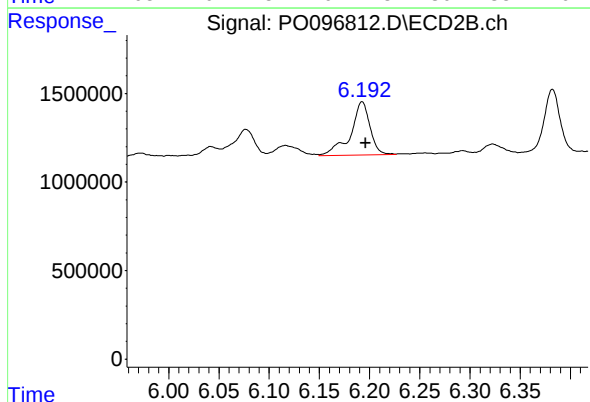
R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 4217407
Conc: 47.97 ng/ml



#31 AR-1260-1

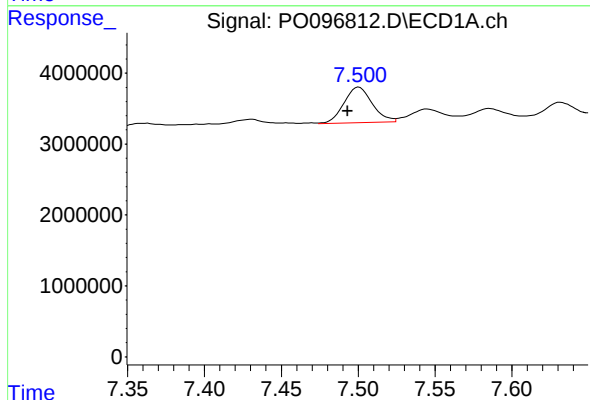
R.T.: 7.237 min
Delta R.T.: 0.007 min
Response: 6866147
Conc: 54.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



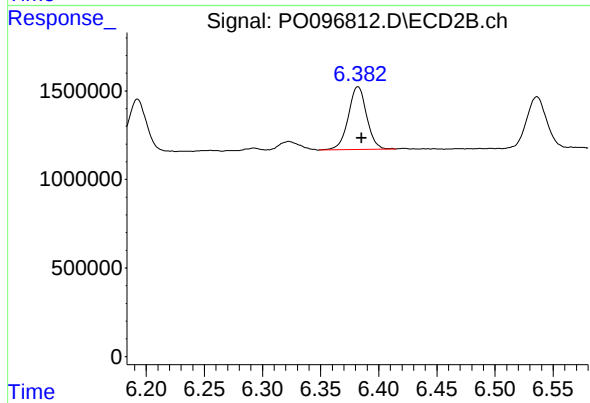
#31 AR-1260-1

R.T.: 6.193 min
Delta R.T.: -0.003 min
Response: 4044197
Conc: 57.47 ng/ml



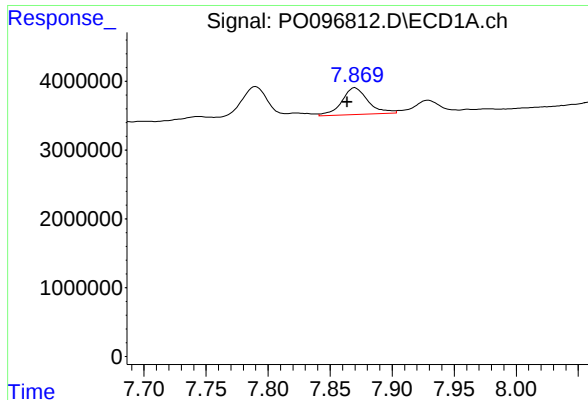
#32 AR-1260-2

R.T.: 7.500 min
Delta R.T.: 0.007 min
Response: 6373577
Conc: 47.30 ng/ml



#32 AR-1260-2

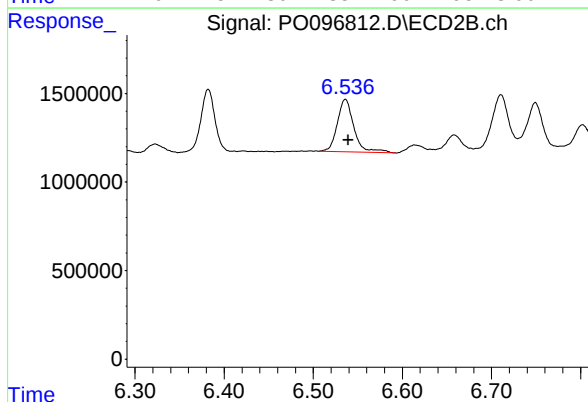
R.T.: 6.382 min
Delta R.T.: -0.003 min
Response: 3884643
Conc: 46.54 ng/ml



#33 AR-1260-3

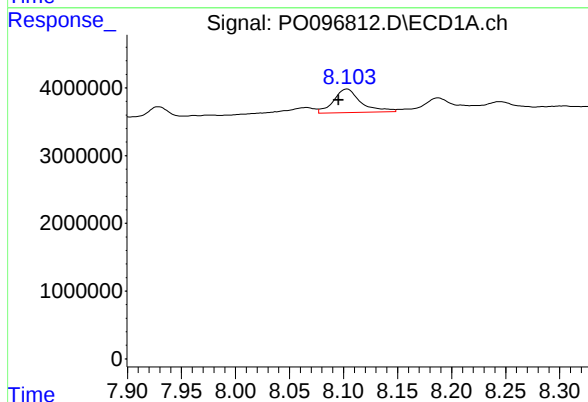
R.T.: 7.870 min
Delta R.T.: 0.006 min
Response: 5721614
Conc: 55.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



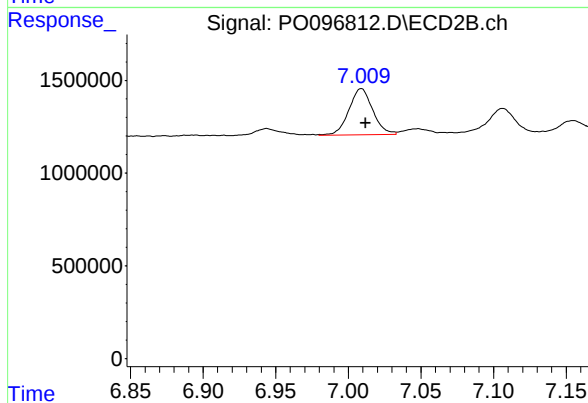
#33 AR-1260-3

R.T.: 6.536 min
Delta R.T.: -0.003 min
Response: 3833624
Conc: 49.65 ng/ml



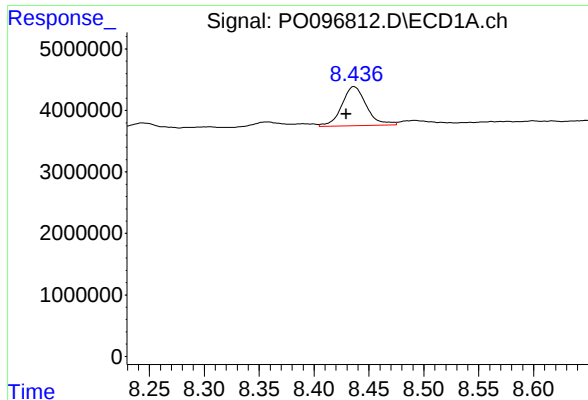
#34 AR-1260-4

R.T.: 8.103 min
Delta R.T.: 0.008 min
Response: 6072267
Conc: 54.31 ng/ml



#34 AR-1260-4

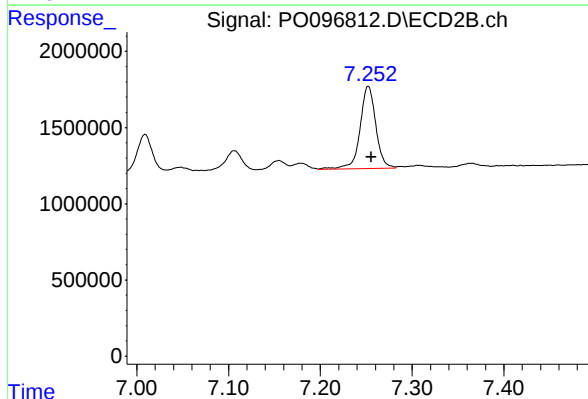
R.T.: 7.009 min
Delta R.T.: -0.003 min
Response: 2859989
Conc: 44.63 ng/ml



#35 AR-1260-5

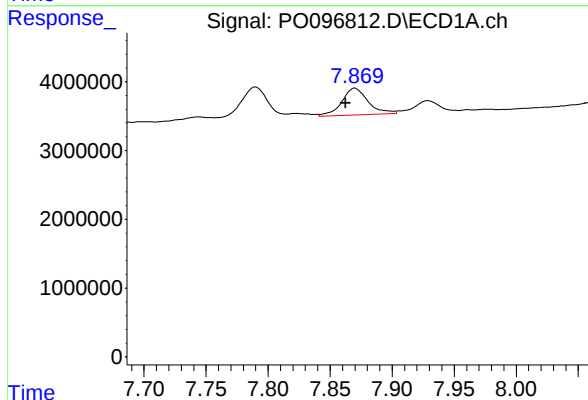
R.T.: 8.437 min
Delta R.T.: 0.007 min
Response: 9886814
Conc: 47.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



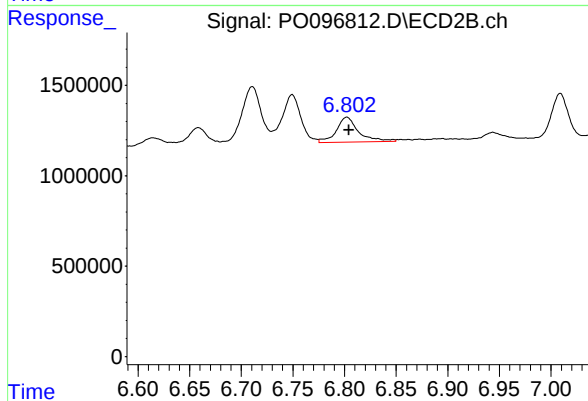
#35 AR-1260-5

R.T.: 7.252 min
Delta R.T.: -0.003 min
Response: 6457122
Conc: 46.58 ng/ml



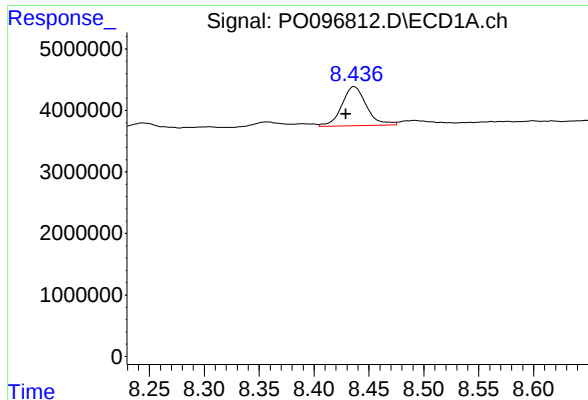
#36 AR-1262-1

R.T.: 7.870 min
Delta R.T.: 0.008 min
Response: 5721614
Conc: 38.52 ng/ml



#36 AR-1262-1

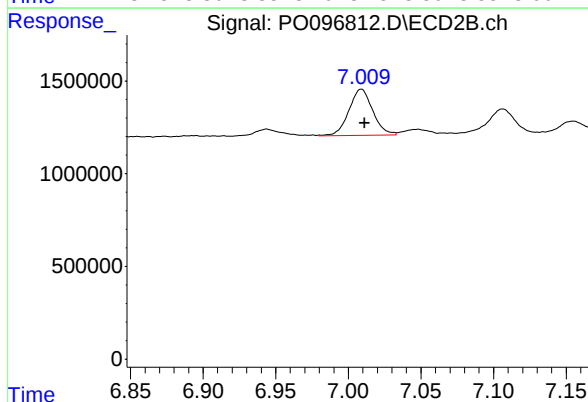
R.T.: 6.802 min
Delta R.T.: -0.002 min
Response: 2088832
Conc: 53.06 ng/ml



#37 AR-1262-2

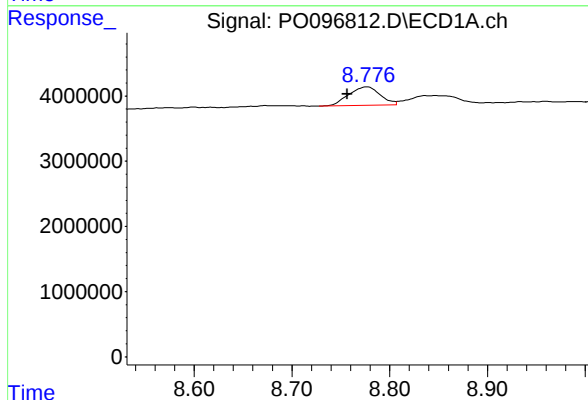
R.T.: 8.437 min
Delta R.T.: 0.008 min
Response: 9886814
Conc: 42.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



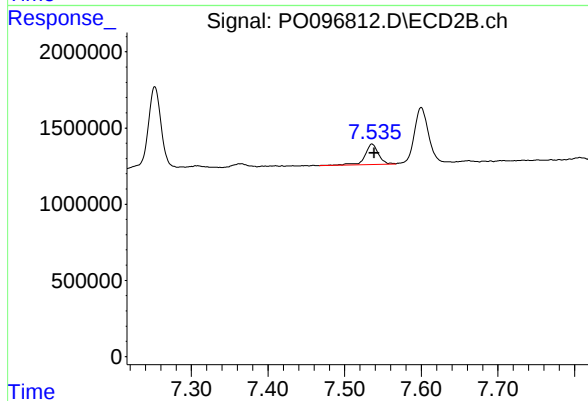
#37 AR-1262-2

R.T.: 7.009 min
Delta R.T.: -0.002 min
Response: 2859989
Conc: 35.26 ng/ml



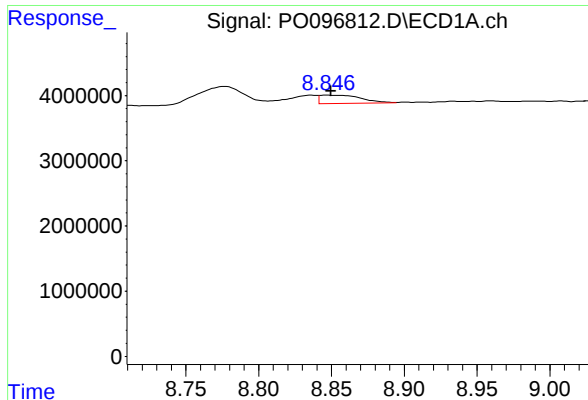
#38 AR-1262-3

R.T.: 8.777 min
Delta R.T.: 0.020 min
Response: 6353247
Conc: 38.09 ng/ml



#38 AR-1262-3

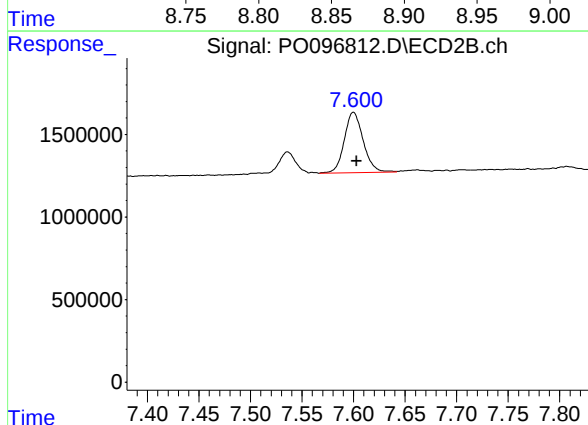
R.T.: 7.536 min
Delta R.T.: -0.003 min
Response: 1651788
Conc: 25.74 ng/ml



#39 AR-1262-4

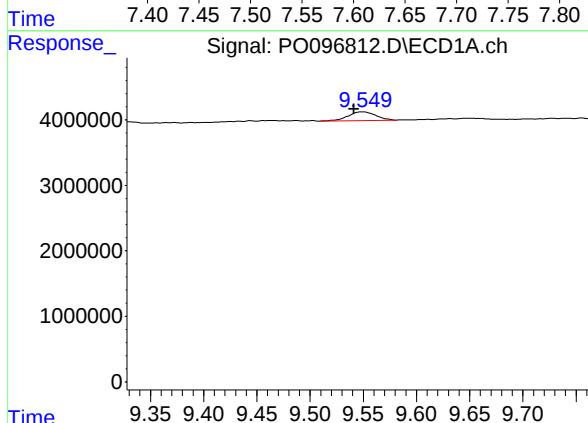
R.T.: 8.847 min
Delta R.T.: -0.003 min
Response: 2451764
Conc: 33.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



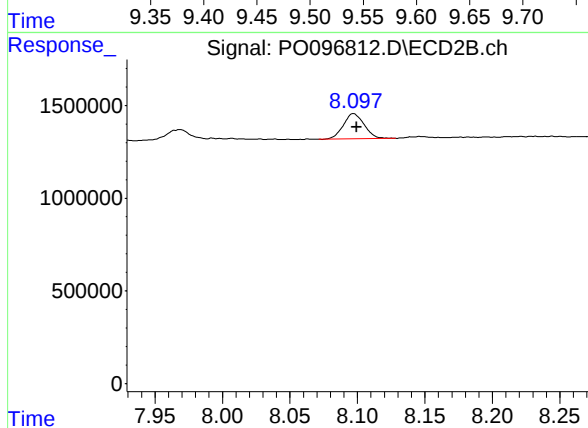
#39 AR-1262-4

R.T.: 7.600 min
Delta R.T.: -0.003 min
Response: 4701750
Conc: 41.39 ng/ml



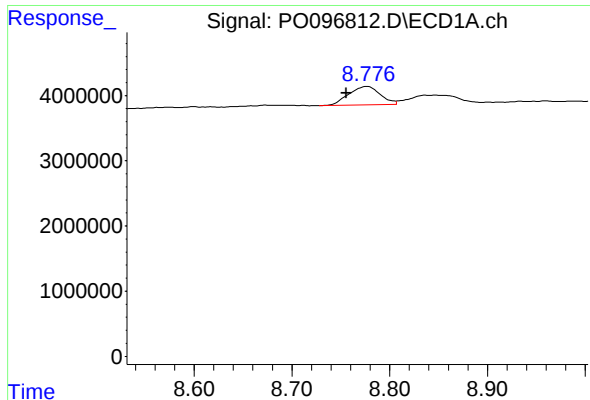
#40 AR-1262-5

R.T.: 9.550 min
Delta R.T.: 0.008 min
Response: 2418669
Conc: 29.04 ng/ml



#40 AR-1262-5

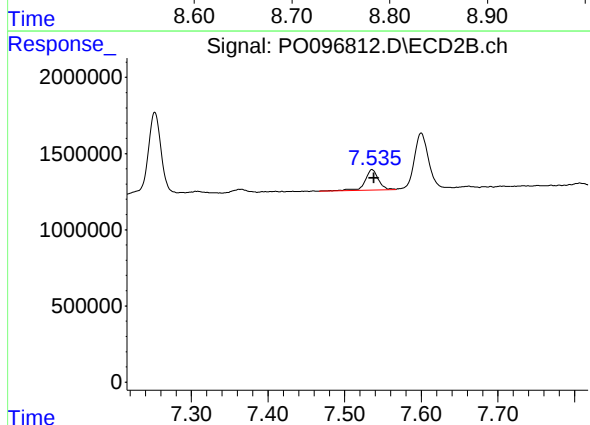
R.T.: 8.097 min
Delta R.T.: -0.002 min
Response: 1467492
Conc: 27.94 ng/ml



#41 AR-1268-1

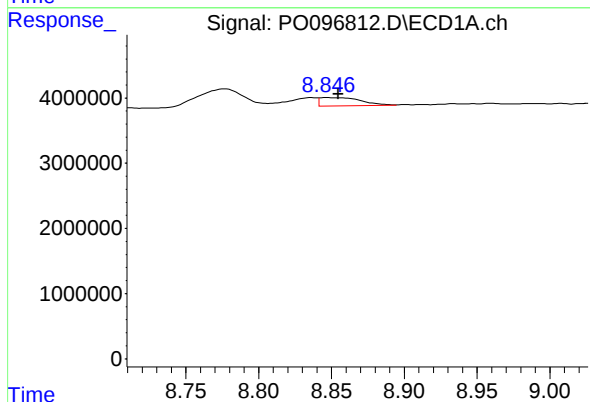
R.T.: 8.777 min
Delta R.T.: 0.021 min
Response: 6353247
Conc: 20.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



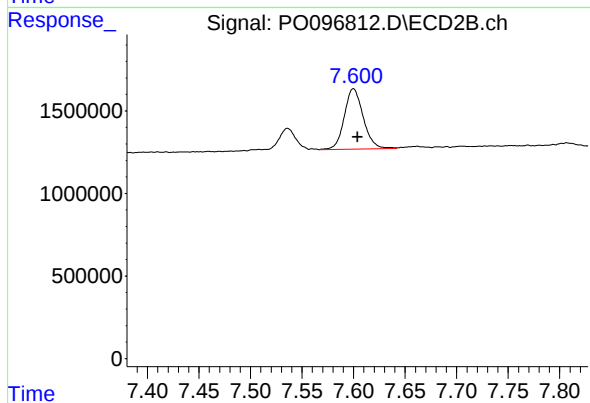
#41 AR-1268-1

R.T.: 7.536 min
Delta R.T.: -0.002 min
Response: 1651788
Conc: 8.91 ng/ml



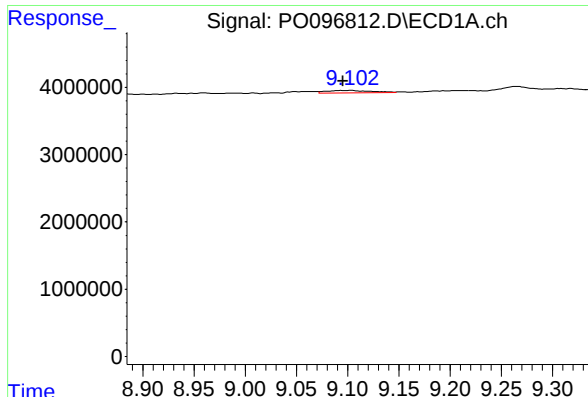
#42 AR-1268-2

R.T.: 8.847 min
Delta R.T.: -0.008 min
Response: 2451764
Conc: 8.94 ng/ml



#42 AR-1268-2

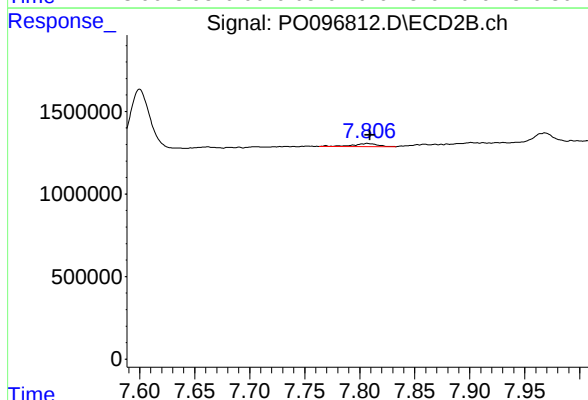
R.T.: 7.600 min
Delta R.T.: -0.004 min
Response: 4701750
Conc: 28.04 ng/ml



#43 AR-1268-3

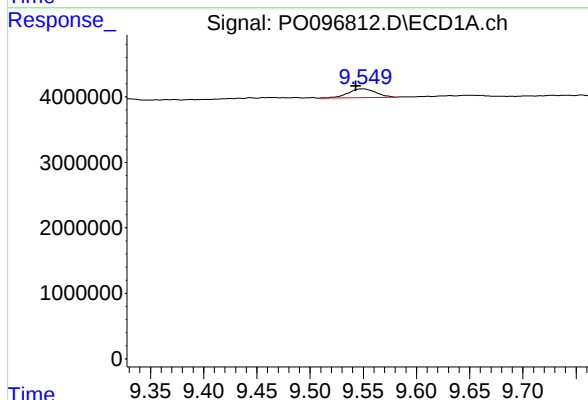
R.T.: 9.103 min
Delta R.T.: 0.008 min
Response: 1144337
Conc: 4.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



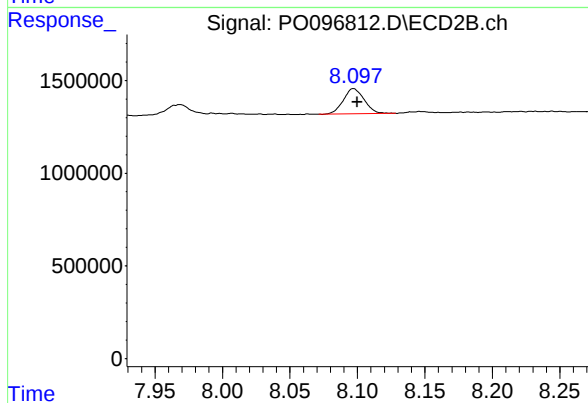
#43 AR-1268-3

R.T.: 7.807 min
Delta R.T.: -0.002 min
Response: 274784
Conc: 1.90 ng/ml



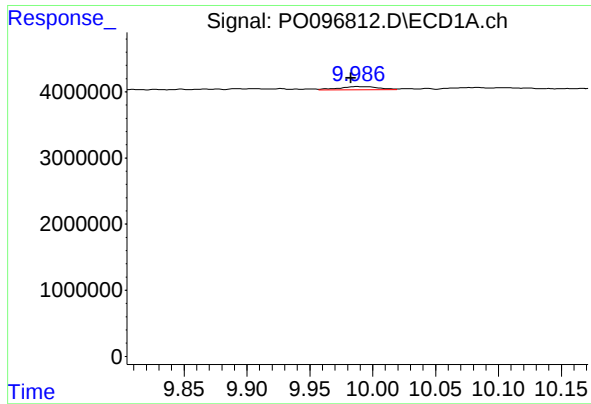
#44 AR-1268-4

R.T.: 9.550 min
Delta R.T.: 0.007 min
Response: 2418669
Conc: 26.09 ng/ml



#44 AR-1268-4

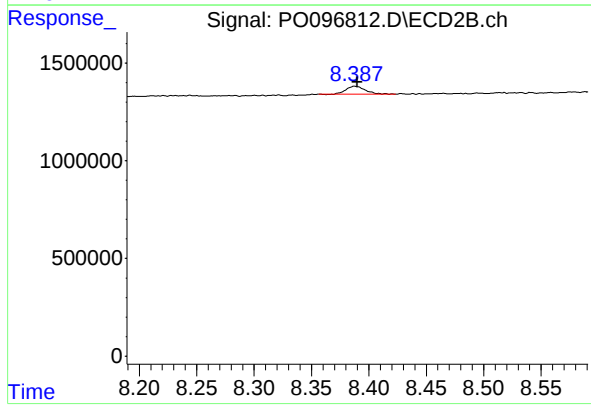
R.T.: 8.097 min
Delta R.T.: -0.003 min
Response: 1467492
Conc: 24.63 ng/ml



#45 AR-1268-5

R.T.: 9.987 min
Delta R.T.: 0.005 min
Response: 1044601
Conc: 1.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.388 min
Delta R.T.: -0.002 min
Response: 470178
Conc: 1.13 ng/ml