

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080223\
 Data File : P0096606.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2023 20:55
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 02:08:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 28 01:38:03 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...	4.408	3.622	170.7E6	70744888	51.079	49.942
2) SA Decachlor...	10.231	8.645	108.6E6	58298028	49.081	49.560
Target Compounds						
3) L1 AR-1016-1	5.589	4.710	39864934	19848658	425.335	439.145
4) L1 AR-1016-2	5.612	4.728	57282850	27533612	429.347	438.324
5) L1 AR-1016-3	5.675	4.905	36255598	14993197	436.614	439.180
6) L1 AR-1016-4	5.774	4.947	28542295	12580326	420.170	430.962
7) L1 AR-1016-5	6.072	5.161	31948671	16380206	446.220	430.913
8) L2 AR-1221-1	4.615	3.835	5308028	2597415	129.001	138.591
9) L2 AR-1221-2	4.707	3.922	8542926	3380785	284.199	238.712
10) L2 AR-1221-3	4.783	3.998	27400077	12044038	311.943	290.882
11) L3 AR-1232-1	4.783	3.998	27400077	12044038	380.955	354.501
12) L3 AR-1232-2	5.319	4.728	36549755	27533612	930.798	938.867
13) L3 AR-1232-3	5.612	4.905	57282850	14993197	939.910	961.937
14) L3 AR-1232-4	5.774	4.989	28542295	15893418	940.565	1045.971
15) L3 AR-1232-5	5.866	5.161	28137666	16380206	1011.483	983.377
16) L4 AR-1242-1	5.589	4.710	39864934	19848658	491.911	506.625
17) L4 AR-1242-2	5.612	4.728	57282850	27533612	500.652	512.095
18) L4 AR-1242-3	5.675	4.905	36255598	14993197	509.268	510.022
19) L4 AR-1242-4	5.774	4.989	28542295	15893418	494.085	507.065
20) L4 AR-1242-5	6.517	5.513	25015245	18368444	451.175	509.142
21) L5 AR-1248-1	5.589	4.710	39864934	19848658	694.173	710.495
22) L5 AR-1248-2	5.866	4.947	28137666	12580326	303.400	298.391
23) L5 AR-1248-3	6.072	4.989	31948671	15893418	324.257	361.719
24) L5 AR-1248-4	6.479	5.161	23544001	16380206	253.619	319.495 #
25) L5 AR-1248-5	6.517	5.555	25015245	15481341	270.880	329.821
26) L6 AR-1254-1	6.479	5.513	23544001	18368444	222.631	249.972
27) L6 AR-1254-2	6.676	5.662	25246472	5013326	162.725	76.810 #
28) L6 AR-1254-3	7.042	6.067	11252939	6305278	73.731	62.488
29) L6 AR-1254-4	7.329	6.296	6368283	4757940	65.155	79.758
30) L6 AR-1254-5	7.752	6.715	1895276	1568051	17.200	18.063
31) L7 AR-1260-1	7.212	6.211	1864622	2199949	14.330	30.189 #
32) L7 AR-1260-2	7.465	6.386	803378	847780	5.864	9.803 #
33) L7 AR-1260-3	7.752	6.538	1895276	902640	12.396	11.279
34) L7 AR-1260-4	8.060	7.051	117387	426997	0.964	6.539 #
35) L7 AR-1260-5	8.408	7.252	443460	119661	2.016	0.844 #
36) L8 AR-1262-1	7.844	6.824	148543	196335	1.006	4.998 #
37) L8 AR-1262-2	8.408	7.051	443460	426997	1.945	5.233 #
38) L8 AR-1262-3	8.709	7.604f	604057	429525	3.634	6.713 #
39) L8 AR-1262-4	8.805	7.604	102815	429525	0.795	3.792 #
40) L8 AR-1262-5	9.478	8.048f	24317	206780	0.285	3.973 #
41) L9 AR-1268-1	8.709	7.604f	604057	429525	1.986	2.302

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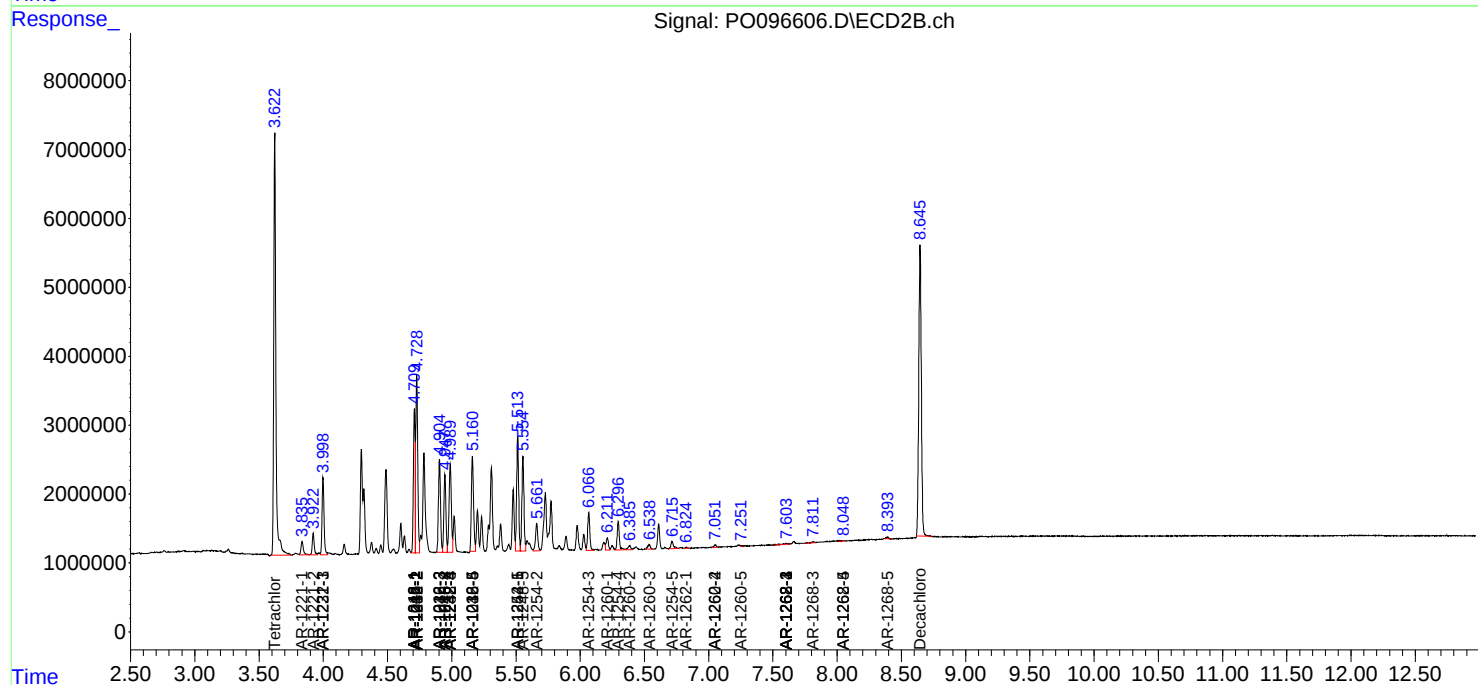
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

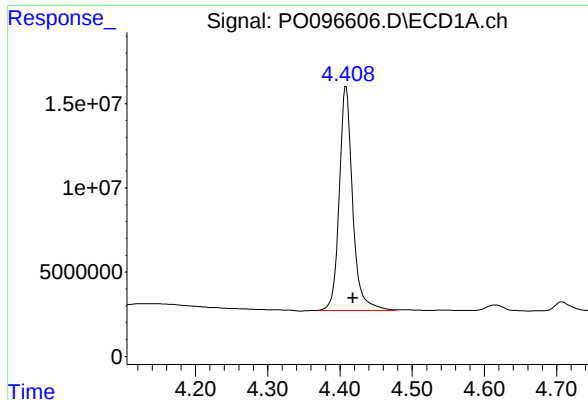
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.805	7.604	102815	429525	0.384	2.553 #
43) L9	AR-1268-3	9.029	7.813	653934	334429	2.612	2.281
44) L9	AR-1268-4	9.478	8.048f	24317	206780	0.263	3.477 #
45) L9	AR-1268-5	9.902	8.393	213444	266524	0.268	0.617 #

(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

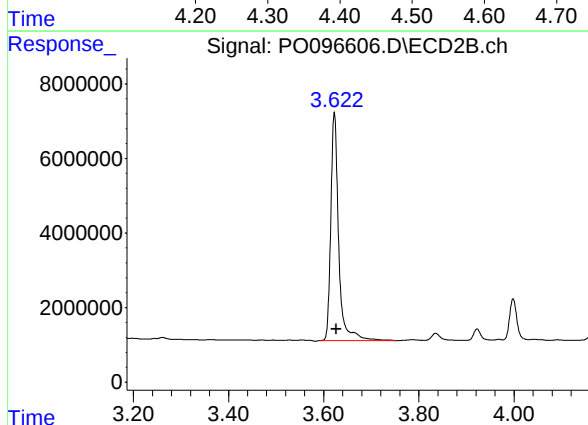




#1 Tetrachloro-m-xylene

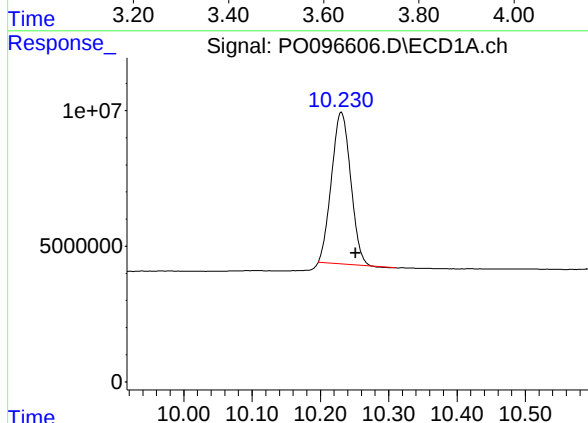
R.T.: 4.408 min
Delta R.T.: -0.010 min
Response: 170665996
Conc: 51.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



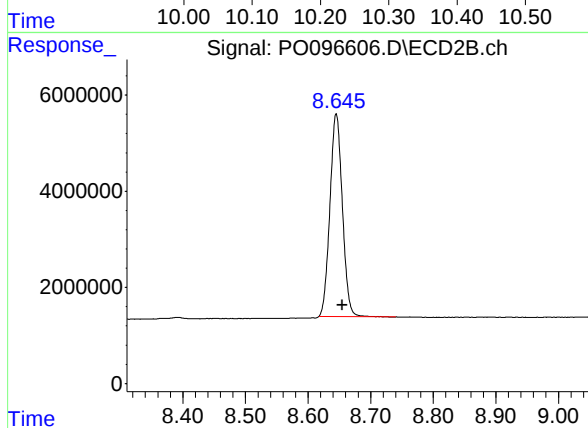
#1 Tetrachloro-m-xylene

R.T.: 3.622 min
Delta R.T.: -0.004 min
Response: 70744888
Conc: 49.94 ng/ml



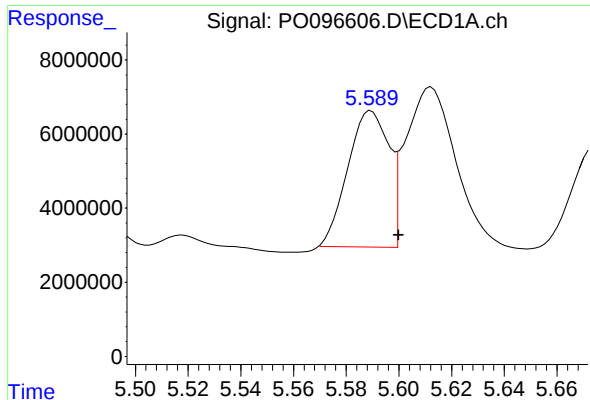
#2 Decachlorobiphenyl

R.T.: 10.231 min
Delta R.T.: -0.021 min
Response: 108593460
Conc: 49.08 ng/ml



#2 Decachlorobiphenyl

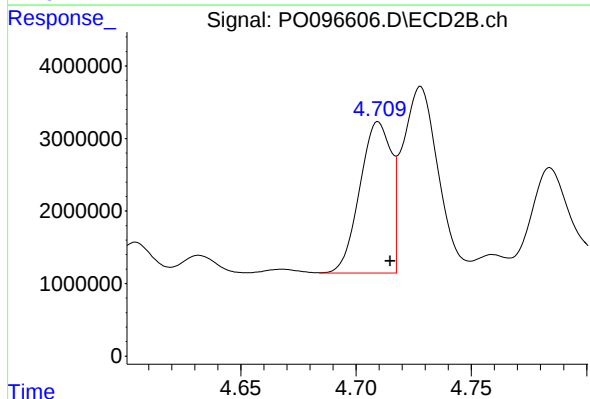
R.T.: 8.645 min
Delta R.T.: -0.010 min
Response: 58298028
Conc: 49.56 ng/ml



#3 AR-1016-1

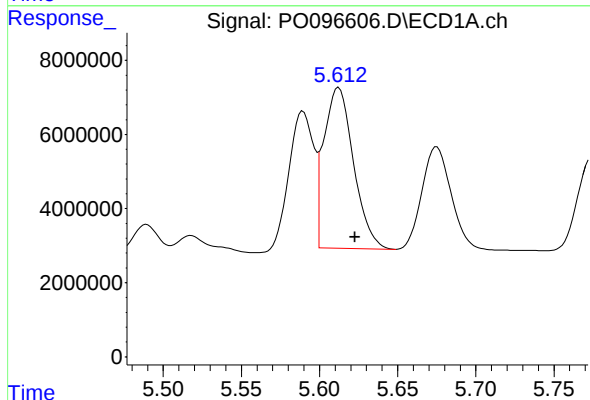
R.T.: 5.589 min
Delta R.T.: -0.011 min
Response: 39864934
Conc: 425.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



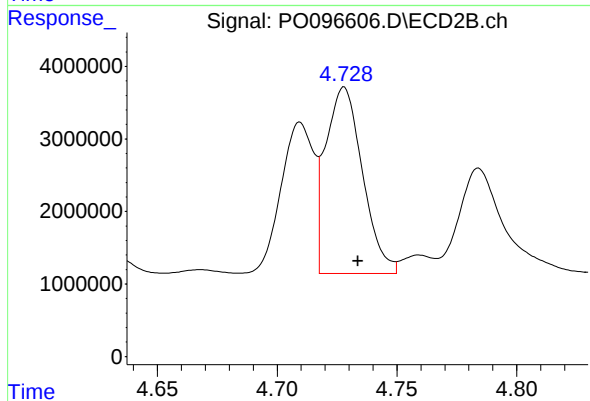
#3 AR-1016-1

R.T.: 4.710 min
Delta R.T.: -0.005 min
Response: 19848658
Conc: 439.15 ng/ml



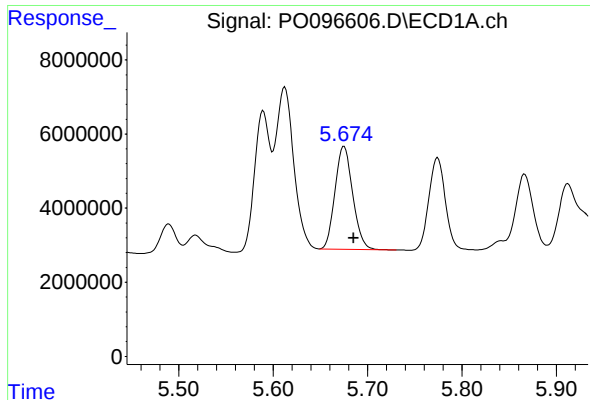
#4 AR-1016-2

R.T.: 5.612 min
Delta R.T.: -0.010 min
Response: 57282850
Conc: 429.35 ng/ml



#4 AR-1016-2

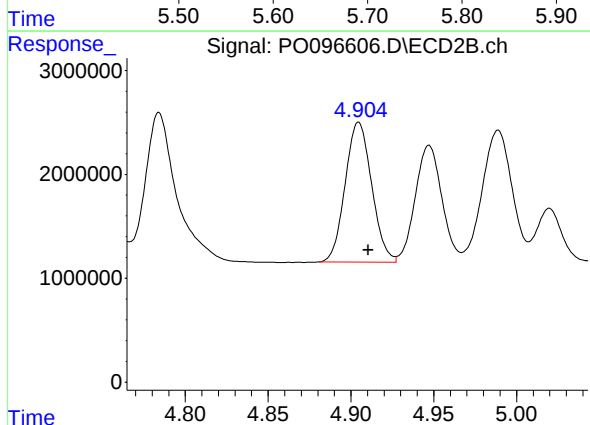
R.T.: 4.728 min
Delta R.T.: -0.006 min
Response: 27533612
Conc: 438.32 ng/ml



#5 AR-1016-3

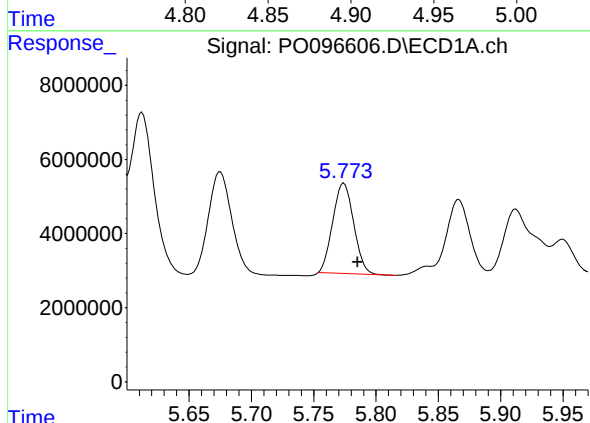
R.T.: 5.675 min
Delta R.T.: -0.010 min
Response: 36255598
Conc: 436.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



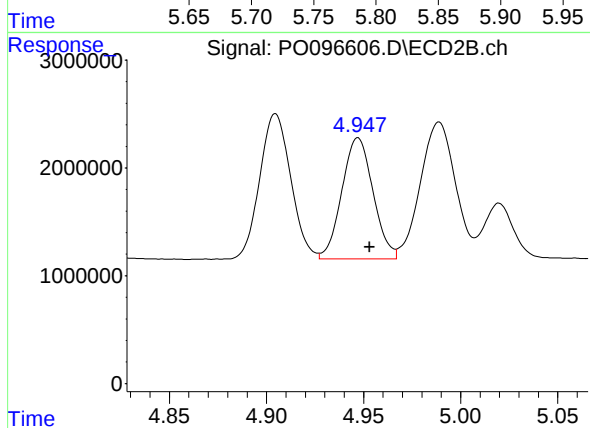
#5 AR-1016-3

R.T.: 4.905 min
Delta R.T.: -0.006 min
Response: 14993197
Conc: 439.18 ng/ml



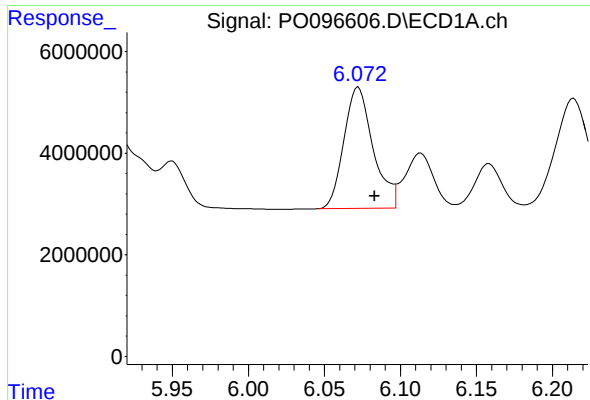
#6 AR-1016-4

R.T.: 5.774 min
Delta R.T.: -0.011 min
Response: 28542295
Conc: 420.17 ng/ml



#6 AR-1016-4

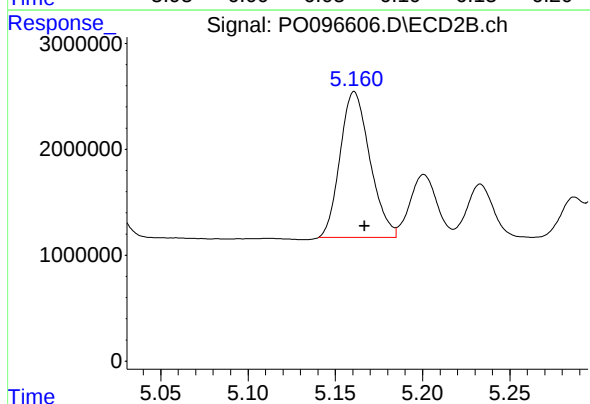
R.T.: 4.947 min
Delta R.T.: -0.006 min
Response: 12580326
Conc: 430.96 ng/ml



#7 AR-1016-5

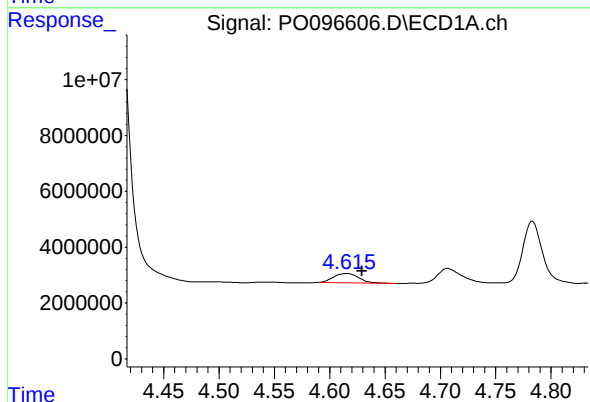
R.T.: 6.072 min
Delta R.T.: -0.011 min
Response: 31948671
Conc: 446.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



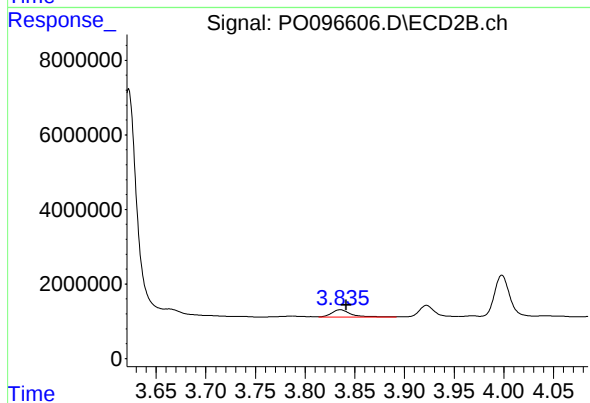
#7 AR-1016-5

R.T.: 5.161 min
Delta R.T.: -0.006 min
Response: 16380206
Conc: 430.91 ng/ml



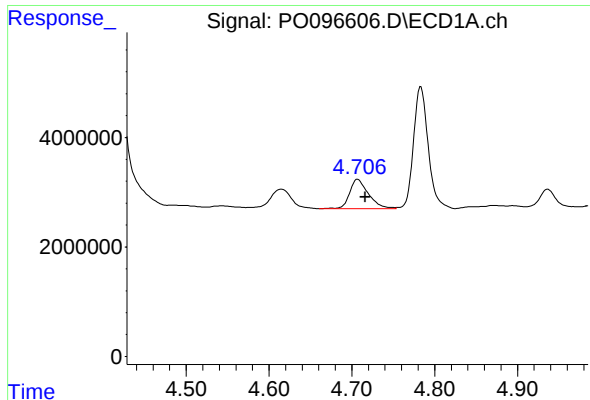
#8 AR-1221-1

R.T.: 4.615 min
Delta R.T.: -0.014 min
Response: 5308028
Conc: 129.00 ng/ml



#8 AR-1221-1

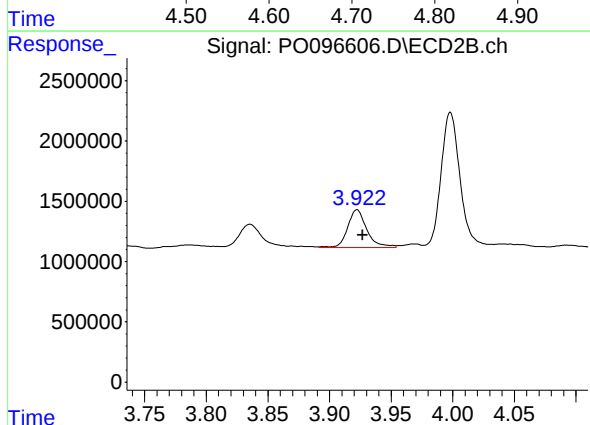
R.T.: 3.835 min
Delta R.T.: -0.006 min
Response: 2597415
Conc: 138.59 ng/ml



#9 AR-1221-2

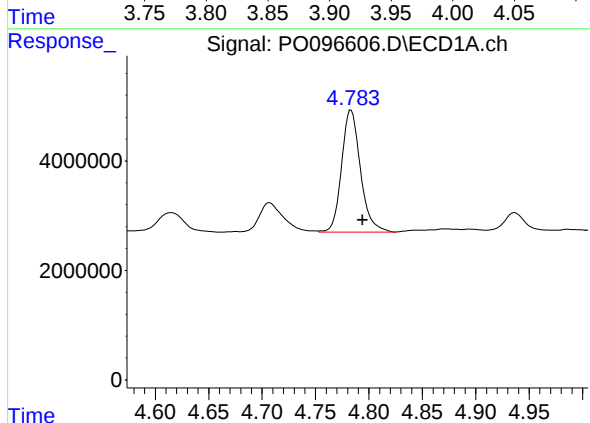
R.T.: 4.707 min
Delta R.T.: -0.010 min
Response: 8542926
Conc: 284.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



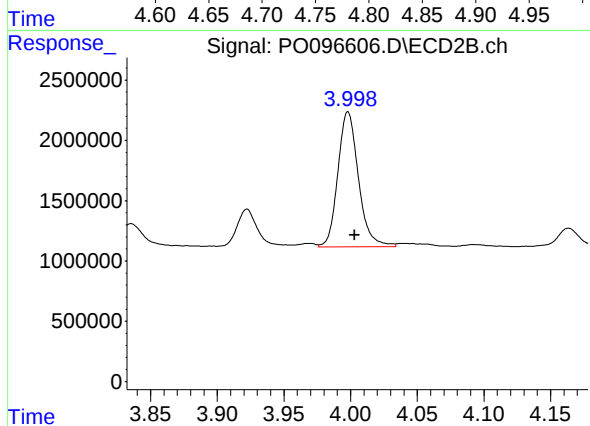
#9 AR-1221-2

R.T.: 3.922 min
Delta R.T.: -0.004 min
Response: 3380785
Conc: 238.71 ng/ml



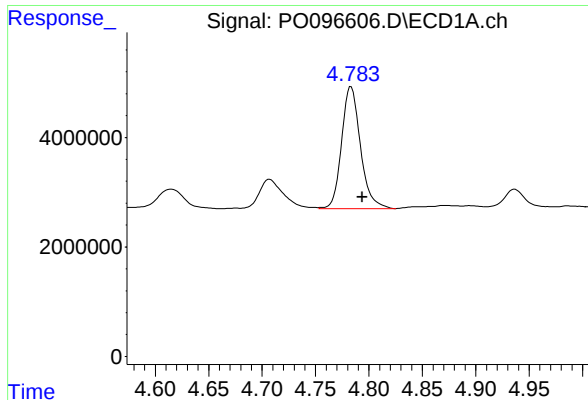
#10 AR-1221-3

R.T.: 4.783 min
Delta R.T.: -0.011 min
Response: 27400077
Conc: 311.94 ng/ml



#10 AR-1221-3

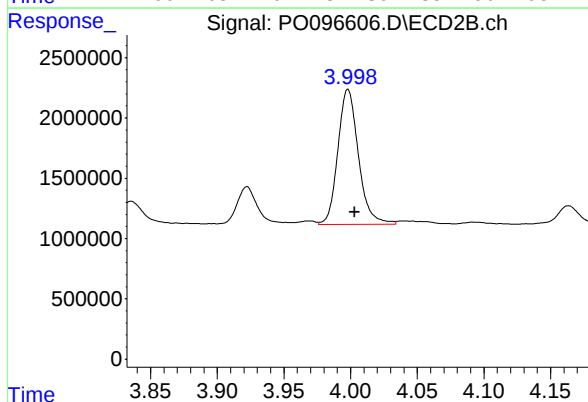
R.T.: 3.998 min
Delta R.T.: -0.005 min
Response: 12044038
Conc: 290.88 ng/ml



#11 AR-1232-1

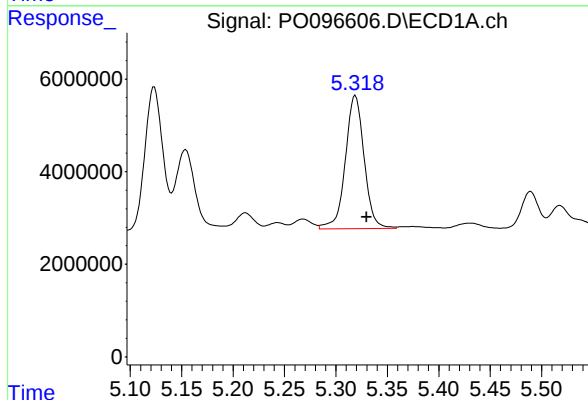
R.T.: 4.783 min
Delta R.T.: -0.011 min
Response: 27400077
Conc: 380.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



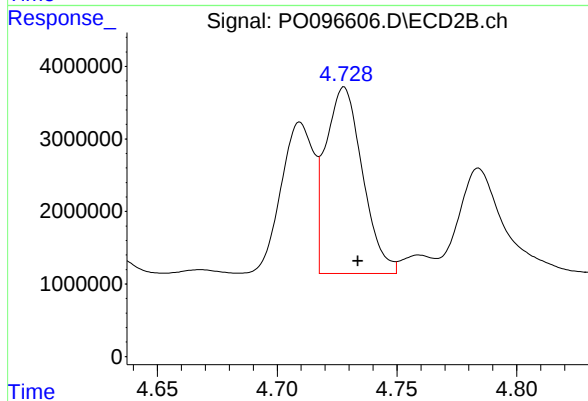
#11 AR-1232-1

R.T.: 3.998 min
Delta R.T.: -0.005 min
Response: 12044038
Conc: 354.50 ng/ml



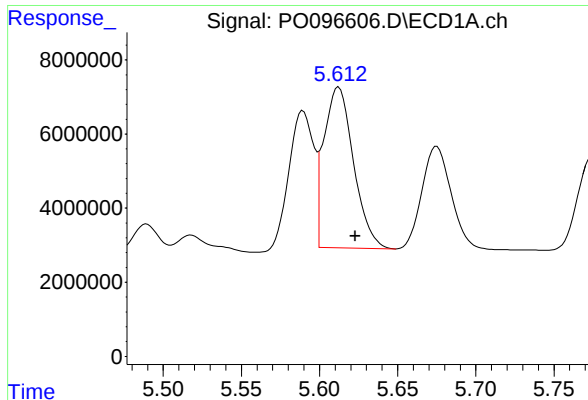
#12 AR-1232-2

R.T.: 5.319 min
Delta R.T.: -0.011 min
Response: 36549755
Conc: 930.80 ng/ml



#12 AR-1232-2

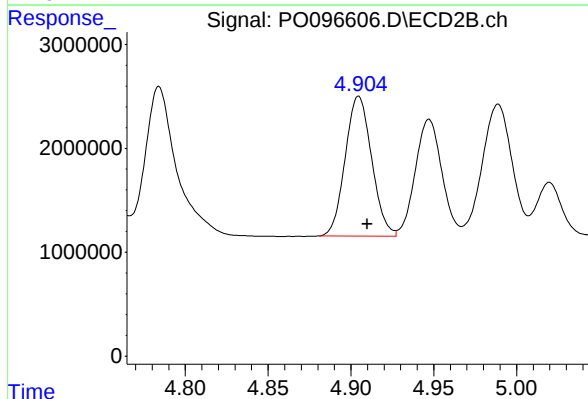
R.T.: 4.728 min
Delta R.T.: -0.006 min
Response: 27533612
Conc: 938.87 ng/ml



#13 AR-1232-3

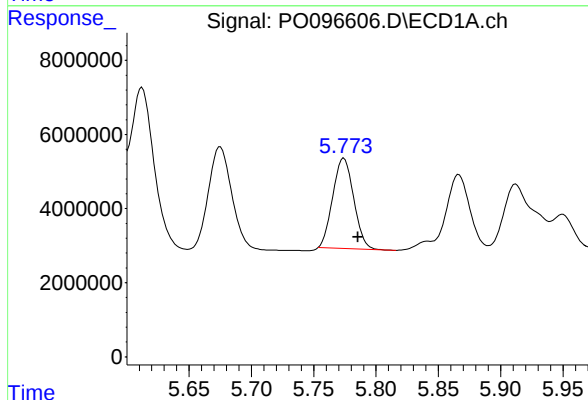
R.T.: 5.612 min
Delta R.T.: -0.011 min
Response: 57282850
Conc: 939.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



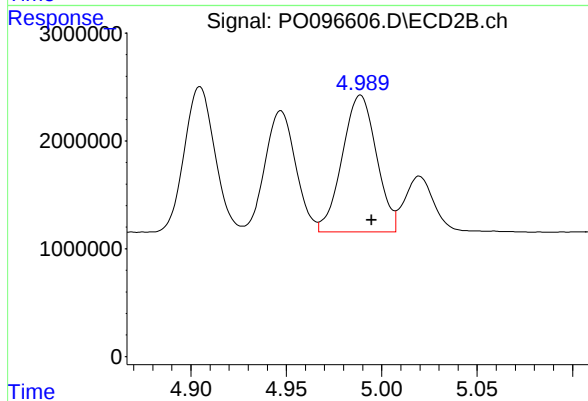
#13 AR-1232-3

R.T.: 4.905 min
Delta R.T.: -0.005 min
Response: 14993197
Conc: 961.94 ng/ml



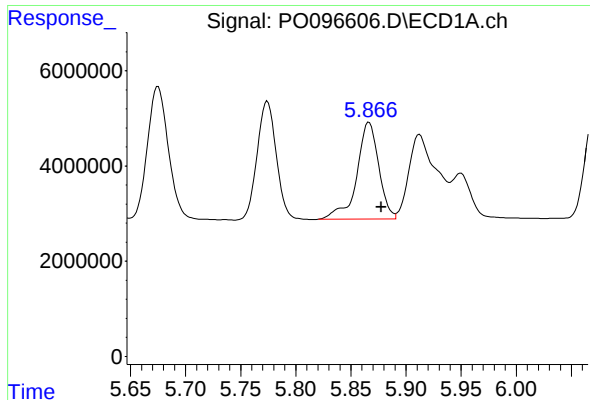
#14 AR-1232-4

R.T.: 5.774 min
Delta R.T.: -0.011 min
Response: 28542295
Conc: 940.57 ng/ml



#14 AR-1232-4

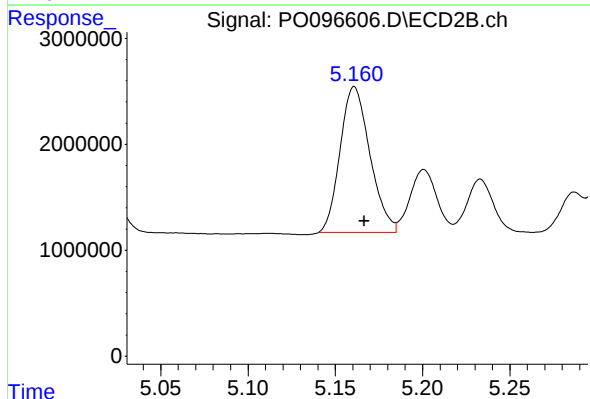
R.T.: 4.989 min
Delta R.T.: -0.006 min
Response: 15893418
Conc: 1045.97 ng/ml



#15 AR-1232-5

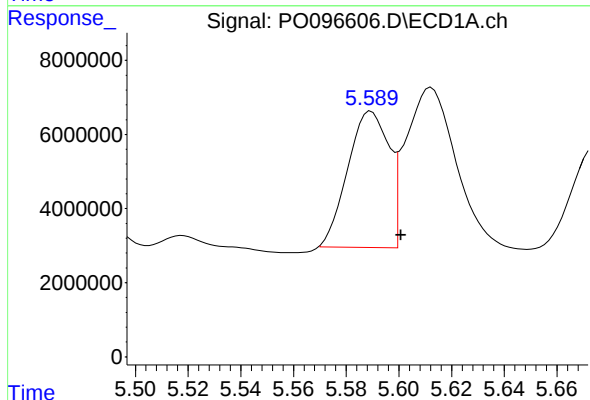
R.T.: 5.866 min
Delta R.T.: -0.011 min
Response: 28137666
Conc: 1011.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



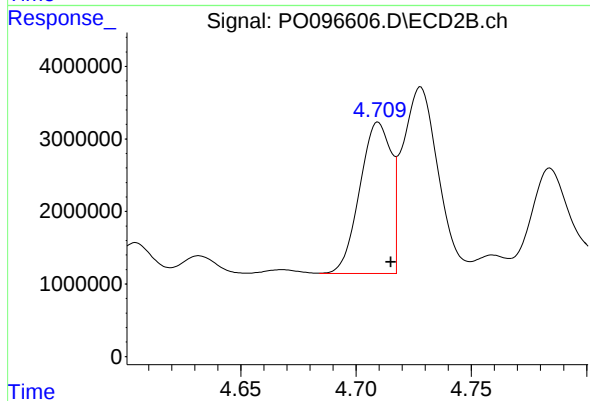
#15 AR-1232-5

R.T.: 5.161 min
Delta R.T.: -0.006 min
Response: 16380206
Conc: 983.38 ng/ml



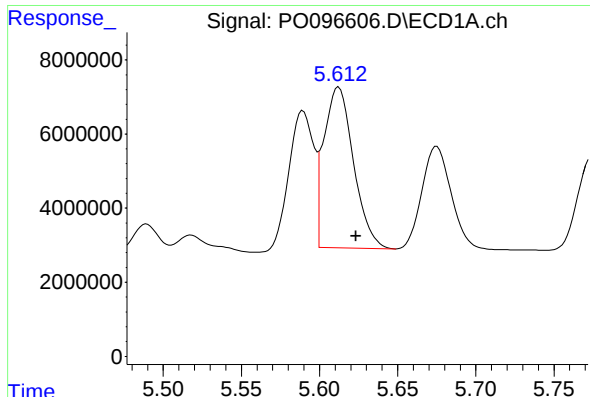
#16 AR-1242-1

R.T.: 5.589 min
Delta R.T.: -0.011 min
Response: 39864934
Conc: 491.91 ng/ml



#16 AR-1242-1

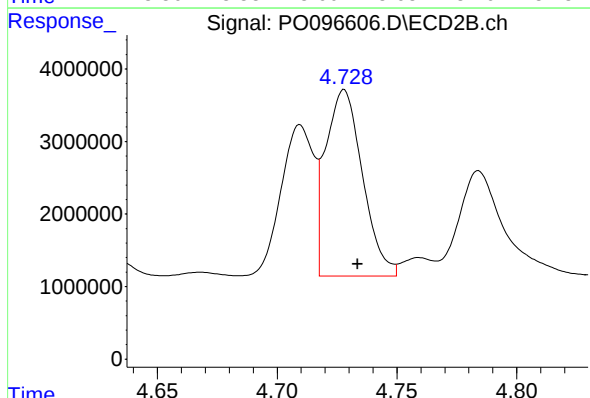
R.T.: 4.710 min
Delta R.T.: -0.006 min
Response: 19848658
Conc: 506.63 ng/ml



#17 AR-1242-2

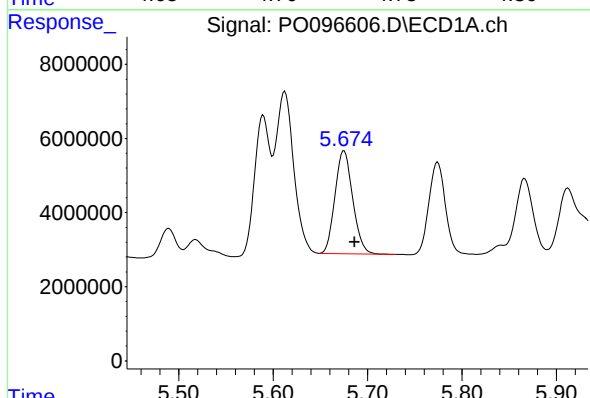
R.T.: 5.612 min
Delta R.T.: -0.011 min
Response: 57282850
Conc: 500.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



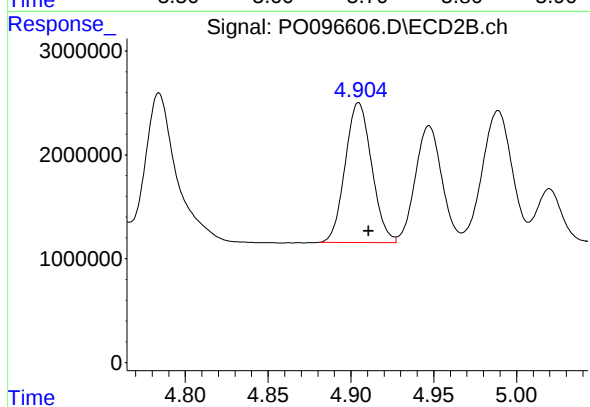
#17 AR-1242-2

R.T.: 4.728 min
Delta R.T.: -0.006 min
Response: 27533612
Conc: 512.09 ng/ml



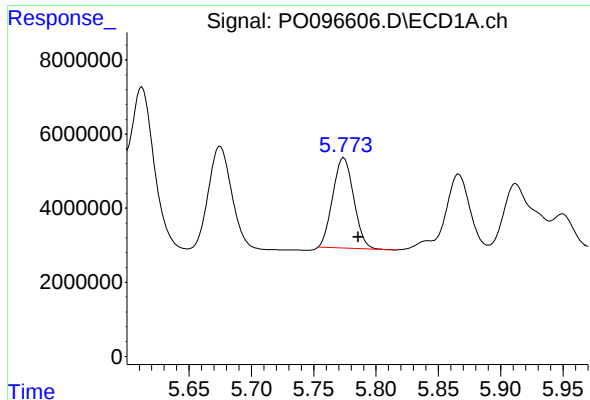
#18 AR-1242-3

R.T.: 5.675 min
Delta R.T.: -0.011 min
Response: 36255598
Conc: 509.27 ng/ml



#18 AR-1242-3

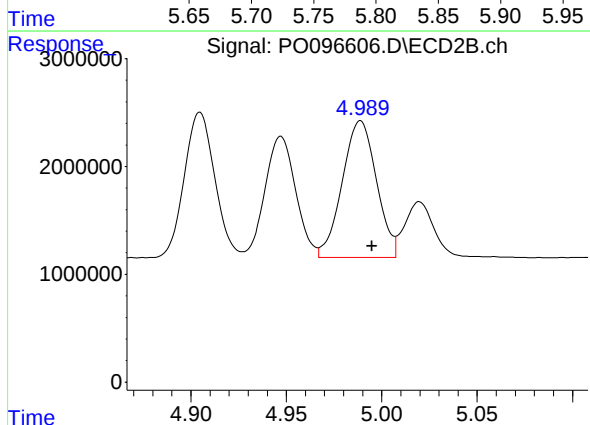
R.T.: 4.905 min
Delta R.T.: -0.006 min
Response: 14993197
Conc: 510.02 ng/ml



#19 AR-1242-4

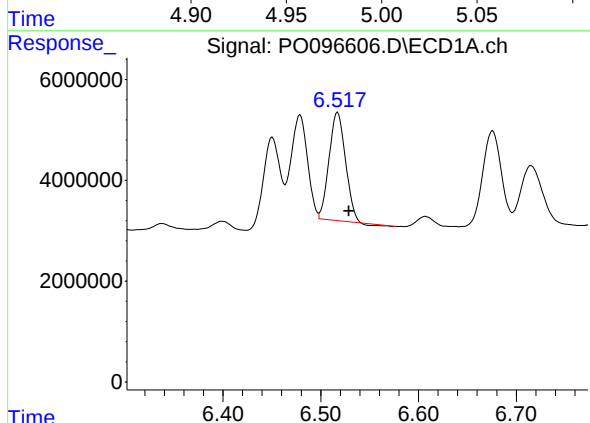
R.T.: 5.774 min
Delta R.T.: -0.012 min
Response: 28542295
Conc: 494.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



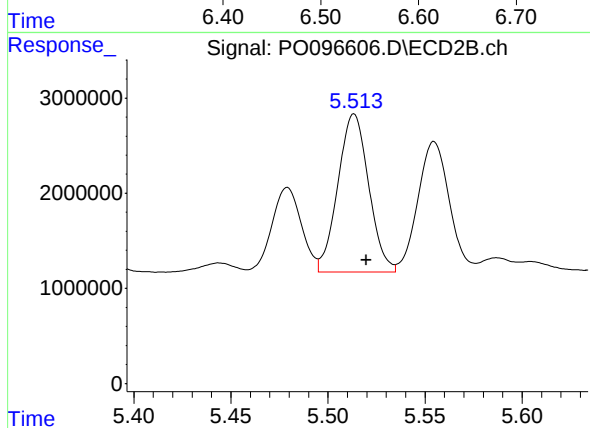
#19 AR-1242-4

R.T.: 4.989 min
Delta R.T.: -0.006 min
Response: 15893418
Conc: 507.07 ng/ml



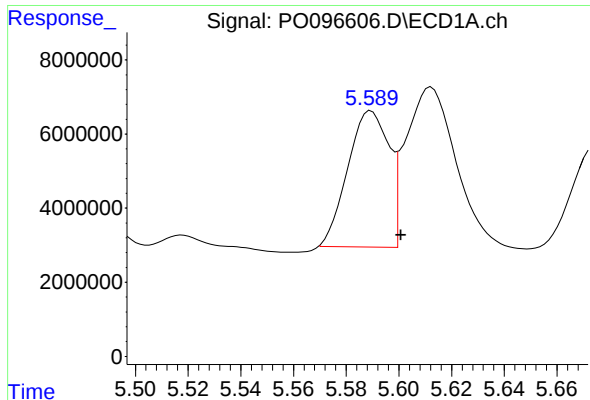
#20 AR-1242-5

R.T.: 6.517 min
Delta R.T.: -0.012 min
Response: 25015245
Conc: 451.17 ng/ml



#20 AR-1242-5

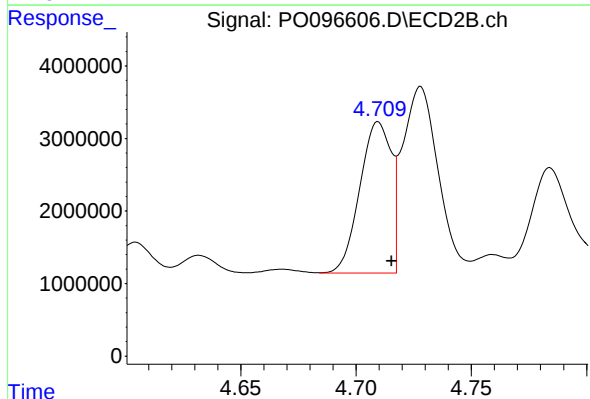
R.T.: 5.513 min
Delta R.T.: -0.006 min
Response: 18368444
Conc: 509.14 ng/ml



#21 AR-1248-1

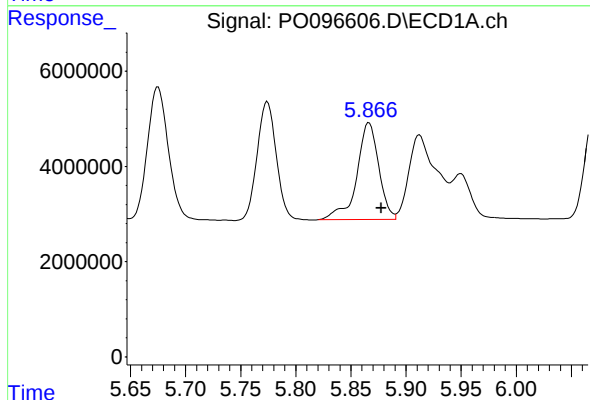
R.T.: 5.589 min
Delta R.T.: -0.011 min
Response: 39864934
Conc: 694.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



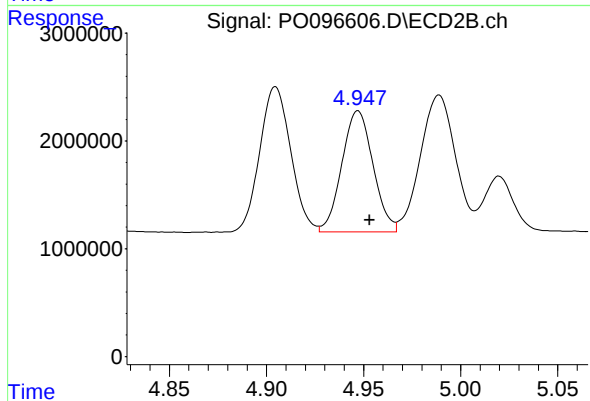
#21 AR-1248-1

R.T.: 4.710 min
Delta R.T.: -0.006 min
Response: 19848658
Conc: 710.49 ng/ml



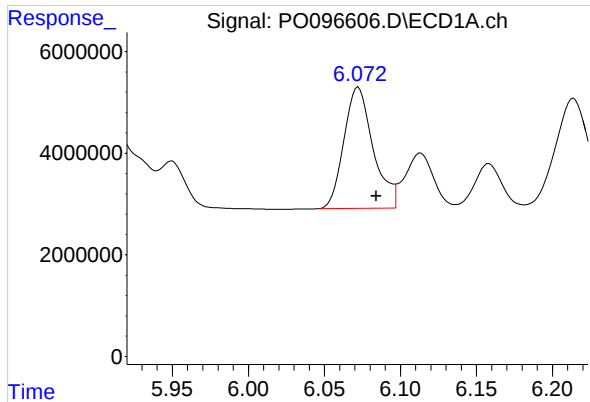
#22 AR-1248-2

R.T.: 5.866 min
Delta R.T.: -0.011 min
Response: 28137666
Conc: 303.40 ng/ml



#22 AR-1248-2

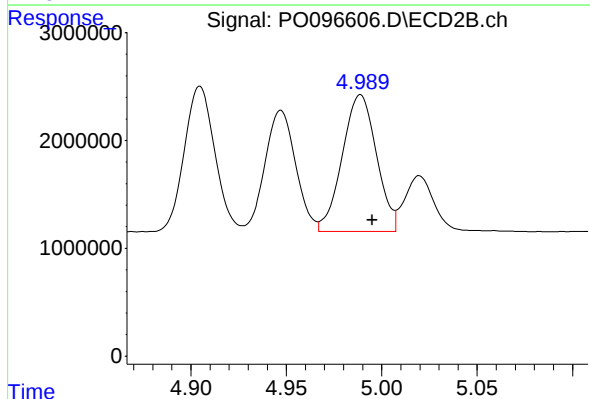
R.T.: 4.947 min
Delta R.T.: -0.006 min
Response: 12580326
Conc: 298.39 ng/ml



#23 AR-1248-3

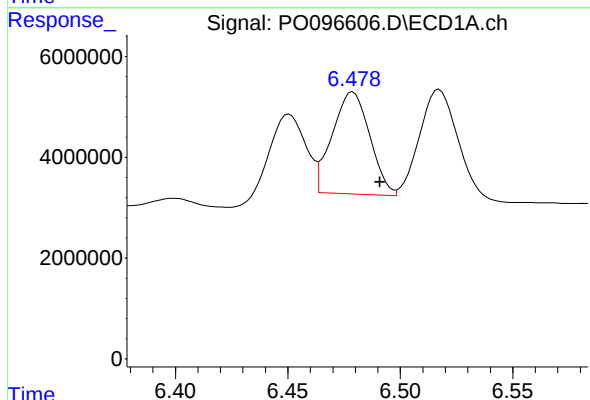
R.T.: 6.072 min
Delta R.T.: -0.012 min
Response: 31948671
Conc: 324.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



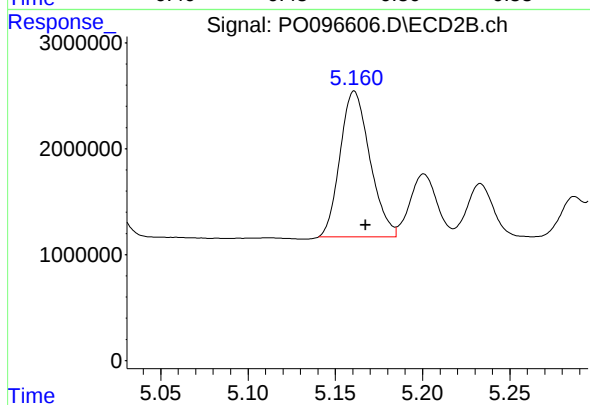
#23 AR-1248-3

R.T.: 4.989 min
Delta R.T.: -0.006 min
Response: 15893418
Conc: 361.72 ng/ml



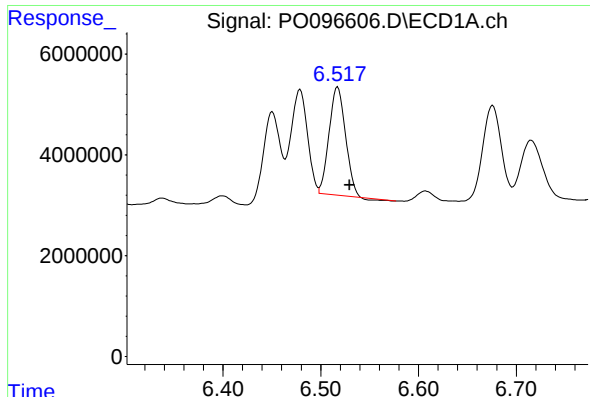
#24 AR-1248-4

R.T.: 6.479 min
Delta R.T.: -0.012 min
Response: 23544001
Conc: 253.62 ng/ml



#24 AR-1248-4

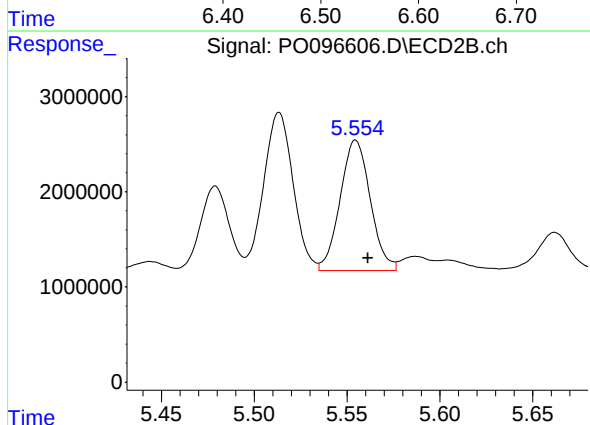
R.T.: 5.161 min
Delta R.T.: -0.006 min
Response: 16380206
Conc: 319.49 ng/ml



#25 AR-1248-5

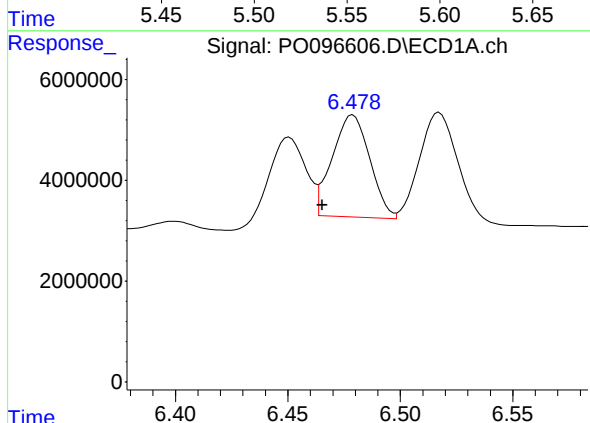
R.T.: 6.517 min
Delta R.T.: -0.013 min
Response: 25015245
Conc: 270.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



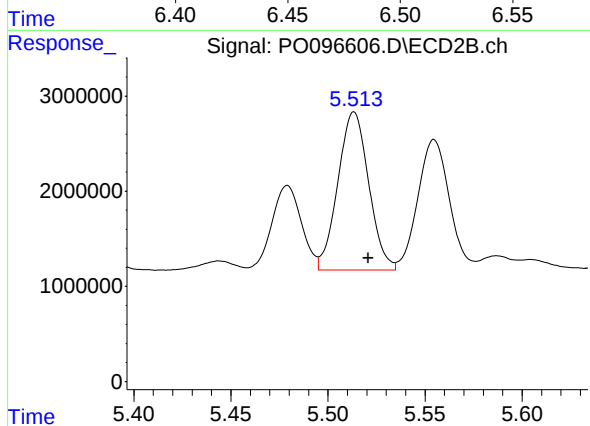
#25 AR-1248-5

R.T.: 5.555 min
Delta R.T.: -0.007 min
Response: 15481341
Conc: 329.82 ng/ml



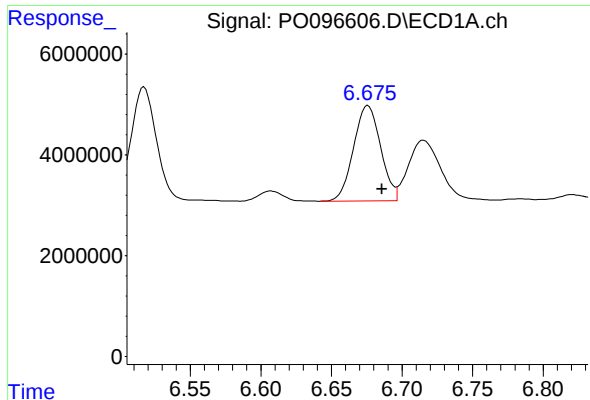
#26 AR-1254-1

R.T.: 6.479 min
Delta R.T.: 0.014 min
Response: 23544001
Conc: 222.63 ng/ml



#26 AR-1254-1

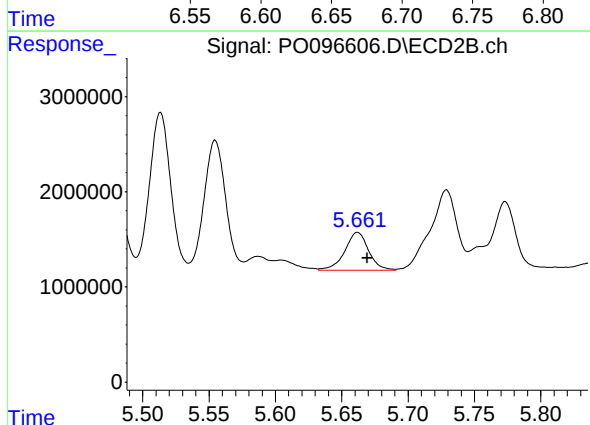
R.T.: 5.513 min
Delta R.T.: -0.007 min
Response: 18368444
Conc: 249.97 ng/ml



#27 AR-1254-2

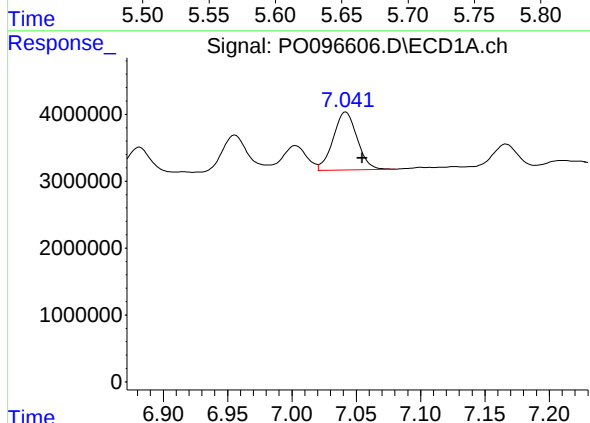
R.T.: 6.676 min
Delta R.T.: -0.010 min
Response: 25246472
Conc: 162.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



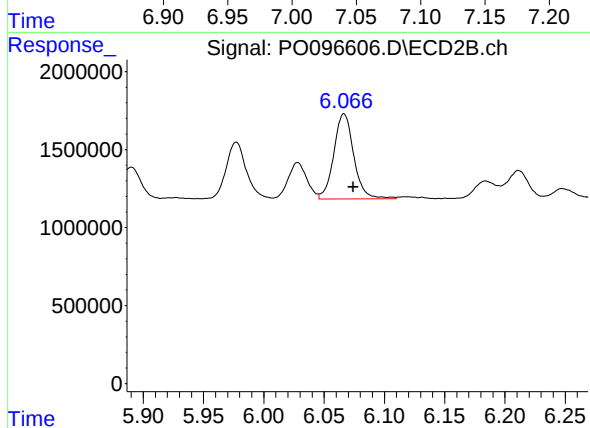
#27 AR-1254-2

R.T.: 5.662 min
Delta R.T.: -0.007 min
Response: 5013326
Conc: 76.81 ng/ml



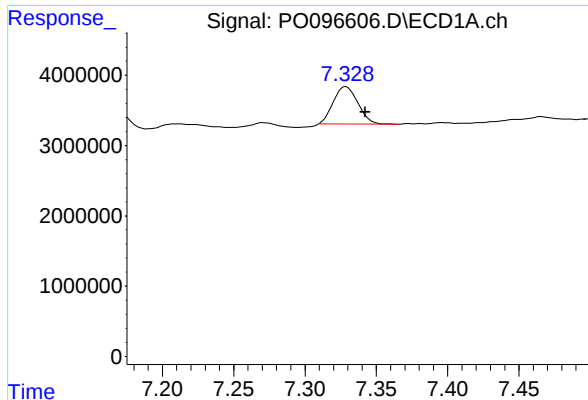
#28 AR-1254-3

R.T.: 7.042 min
Delta R.T.: -0.013 min
Response: 11252939
Conc: 73.73 ng/ml



#28 AR-1254-3

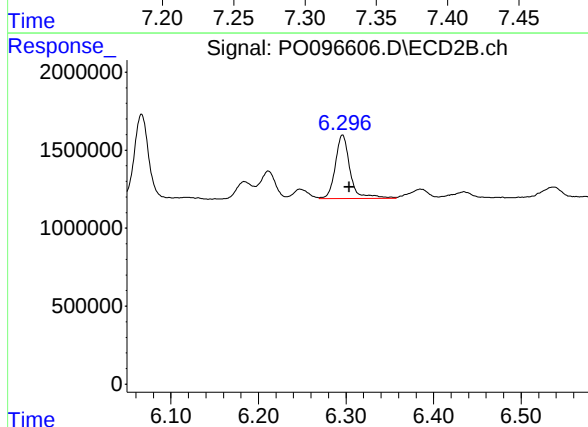
R.T.: 6.067 min
Delta R.T.: -0.008 min
Response: 6305278
Conc: 62.49 ng/ml



#29 AR-1254-4

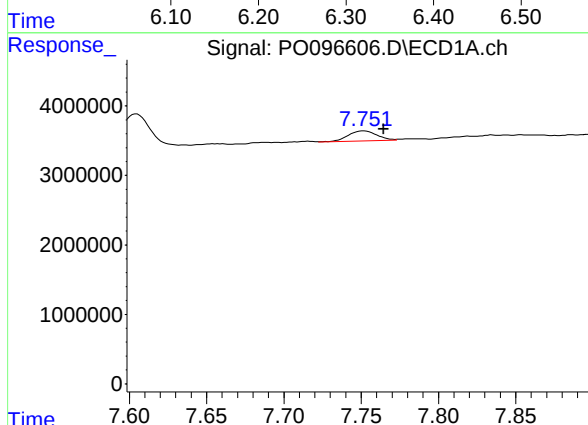
R.T.: 7.329 min
Delta R.T.: -0.014 min
Response: 6368283
Conc: 65.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



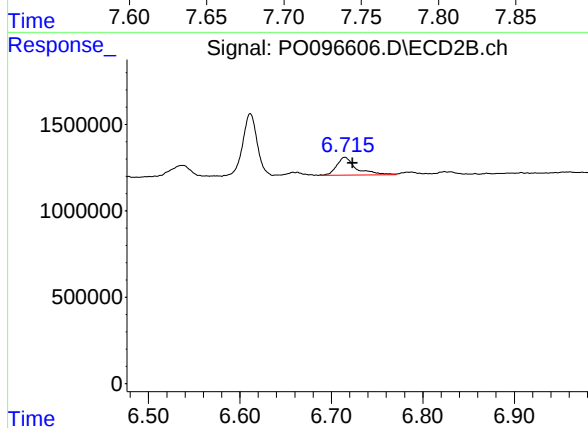
#29 AR-1254-4

R.T.: 6.296 min
Delta R.T.: -0.008 min
Response: 4757940
Conc: 79.76 ng/ml



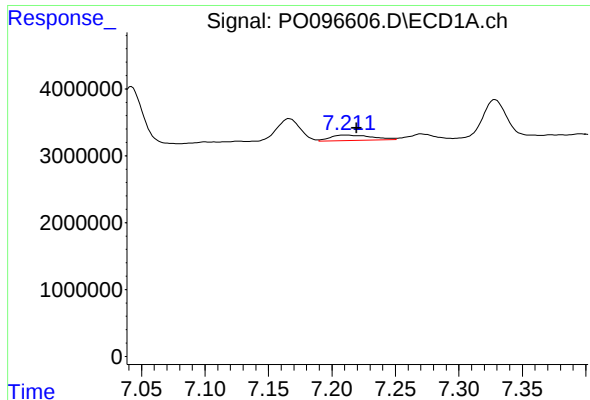
#30 AR-1254-5

R.T.: 7.752 min
Delta R.T.: -0.013 min
Response: 1895276
Conc: 17.20 ng/ml



#30 AR-1254-5

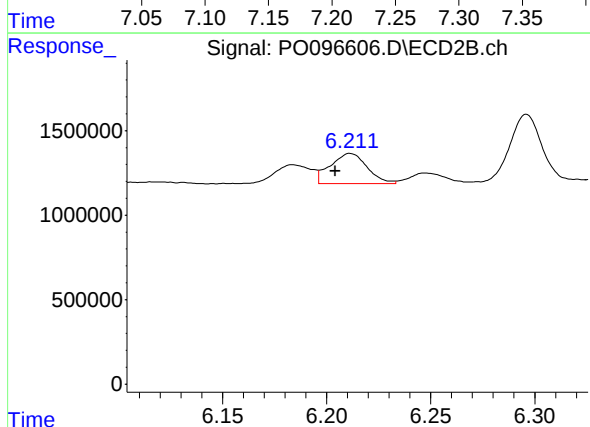
R.T.: 6.715 min
Delta R.T.: -0.009 min
Response: 1568051
Conc: 18.06 ng/ml



#31 AR-1260-1

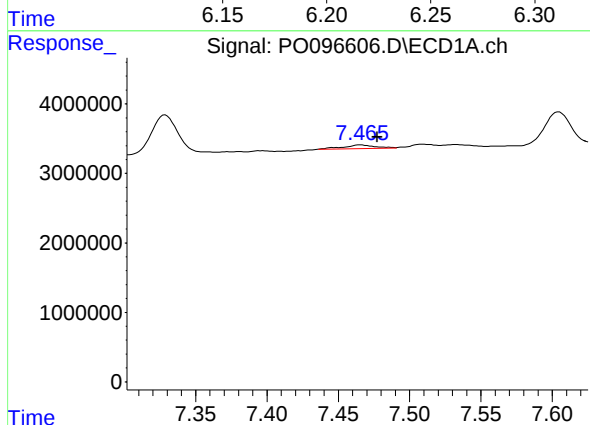
R.T.: 7.212 min
Delta R.T.: -0.008 min
Response: 1864622
Conc: 14.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



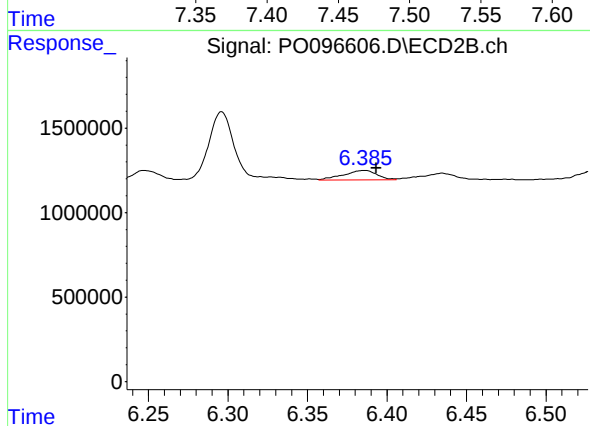
#31 AR-1260-1

R.T.: 6.211 min
Delta R.T.: 0.007 min
Response: 2199949
Conc: 30.19 ng/ml



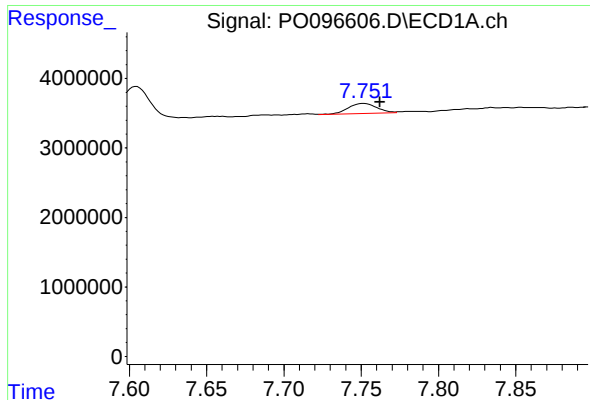
#32 AR-1260-2

R.T.: 7.465 min
Delta R.T.: -0.012 min
Response: 803378
Conc: 5.86 ng/ml



#32 AR-1260-2

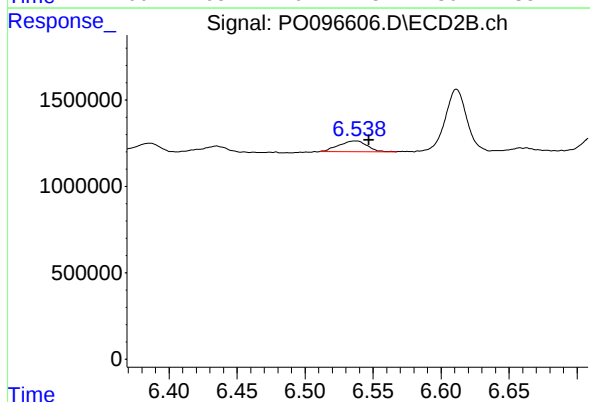
R.T.: 6.386 min
Delta R.T.: -0.008 min
Response: 847780
Conc: 9.80 ng/ml



#33 AR-1260-3

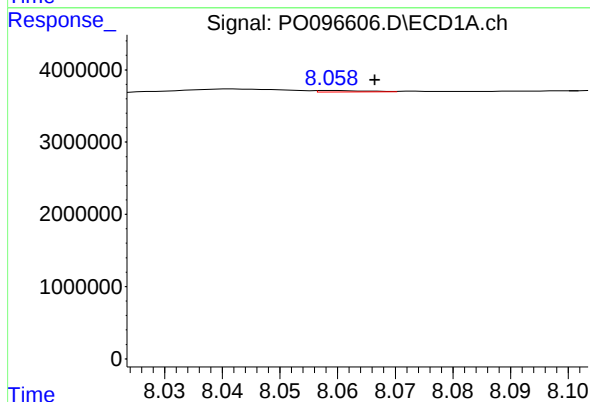
R.T.: 7.752 min
Delta R.T.: -0.010 min
Response: 1895276
Conc: 12.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



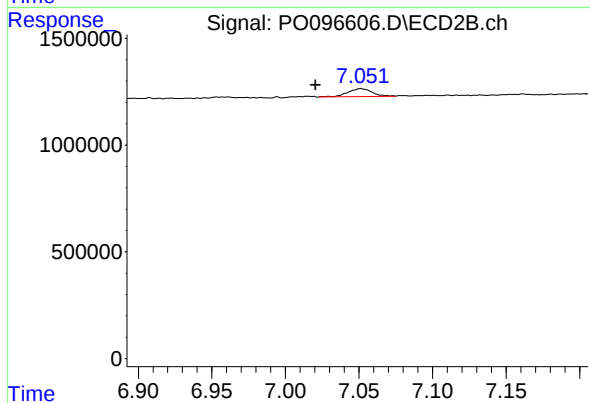
#33 AR-1260-3

R.T.: 6.538 min
Delta R.T.: -0.009 min
Response: 902640
Conc: 11.28 ng/ml



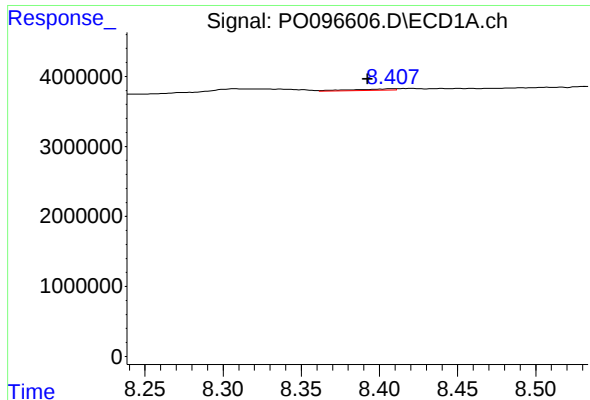
#34 AR-1260-4

R.T.: 8.060 min
Delta R.T.: -0.007 min
Response: 117387
Conc: 0.96 ng/ml



#34 AR-1260-4

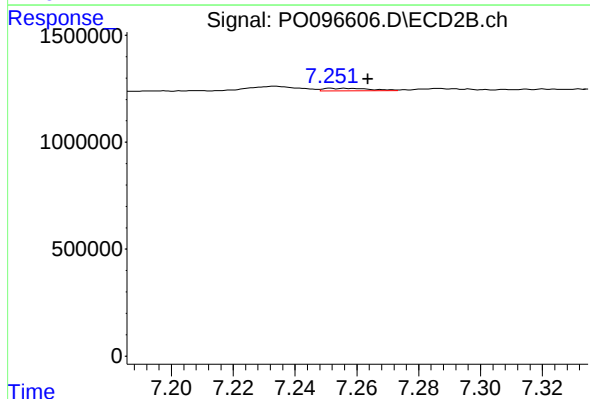
R.T.: 7.051 min
Delta R.T.: 0.031 min
Response: 426997
Conc: 6.54 ng/ml



#35 AR-1260-5

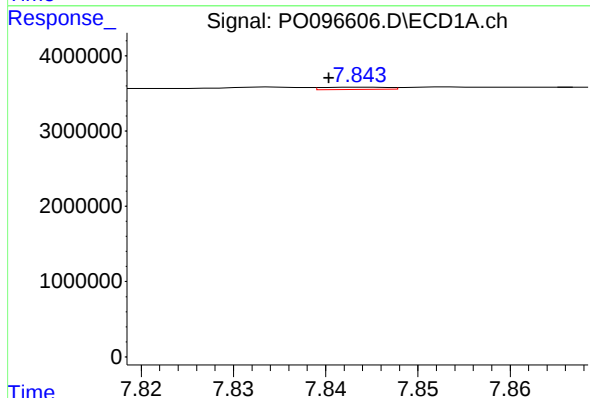
R.T.: 8.408 min
Delta R.T.: 0.015 min
Response: 443460
Conc: 2.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



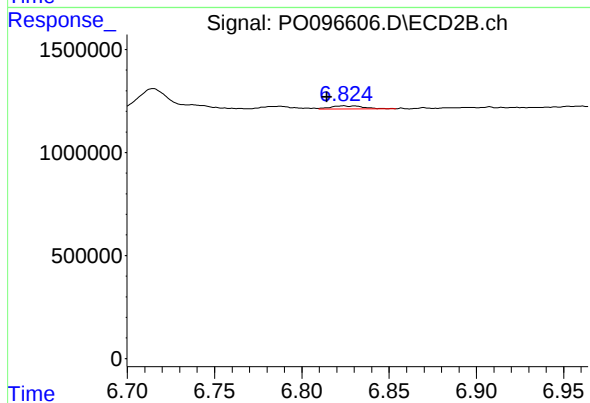
#35 AR-1260-5

R.T.: 7.252 min
Delta R.T.: -0.011 min
Response: 119661
Conc: 0.84 ng/ml



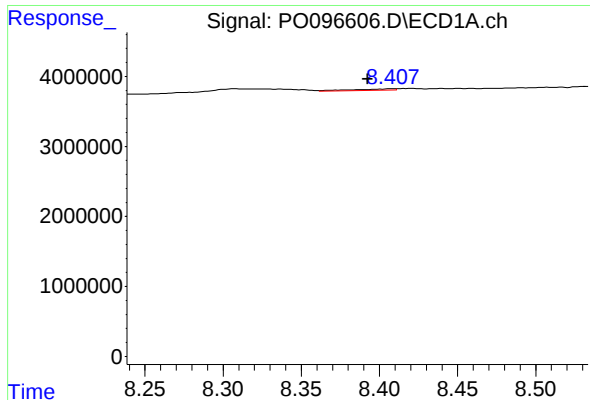
#36 AR-1262-1

R.T.: 7.844 min
Delta R.T.: 0.004 min
Response: 148543
Conc: 1.01 ng/ml



#36 AR-1262-1

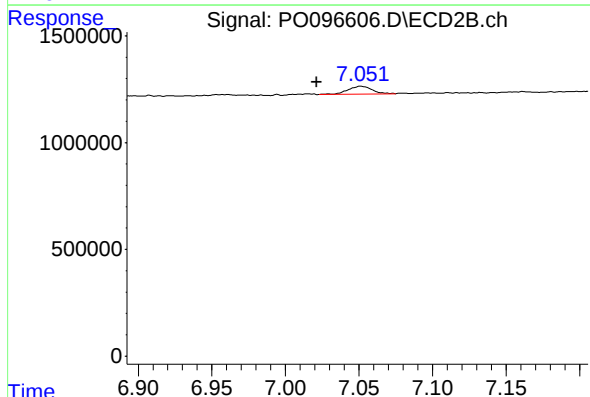
R.T.: 6.824 min
Delta R.T.: 0.009 min
Response: 196335
Conc: 5.00 ng/ml



#37 AR-1262-2

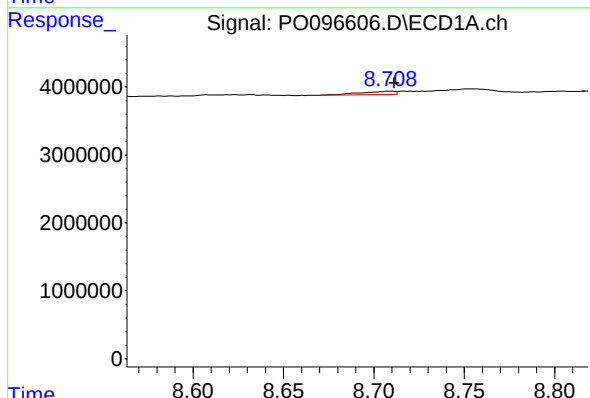
R.T.: 8.408 min
Delta R.T.: 0.015 min
Response: 443460
Conc: 1.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



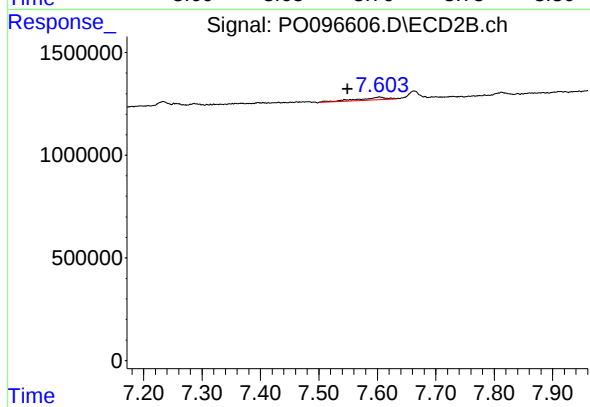
#37 AR-1262-2

R.T.: 7.051 min
Delta R.T.: 0.030 min
Response: 426997
Conc: 5.23 ng/ml



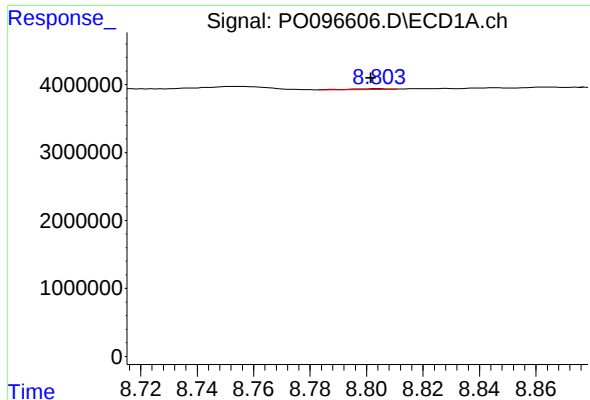
#38 AR-1262-3

R.T.: 8.709 min
Delta R.T.: -0.002 min
Response: 604057
Conc: 3.63 ng/ml



#38 AR-1262-3

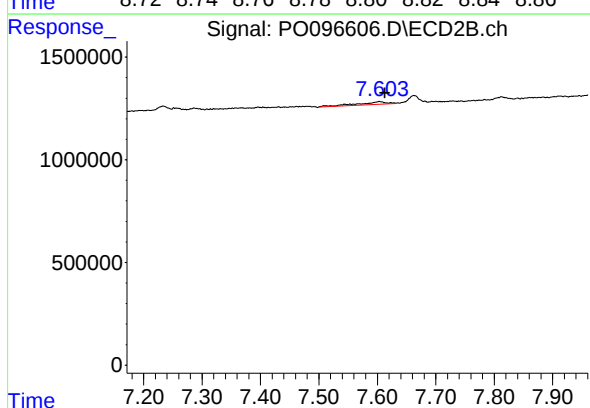
R.T.: 7.604 min
Delta R.T.: 0.055 min
Response: 429525
Conc: 6.71 ng/ml



#39 AR-1262-4

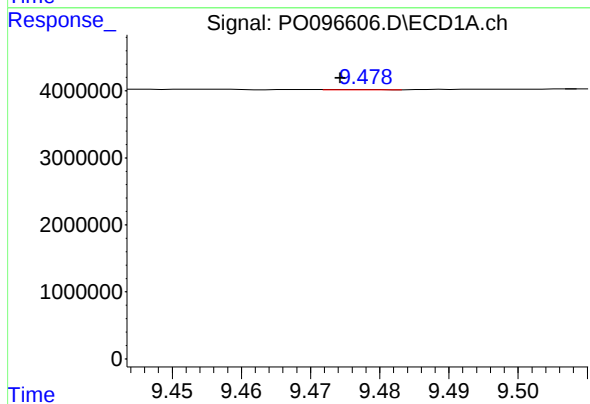
R.T.: 8.805 min
Delta R.T.: 0.003 min
Response: 102815
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



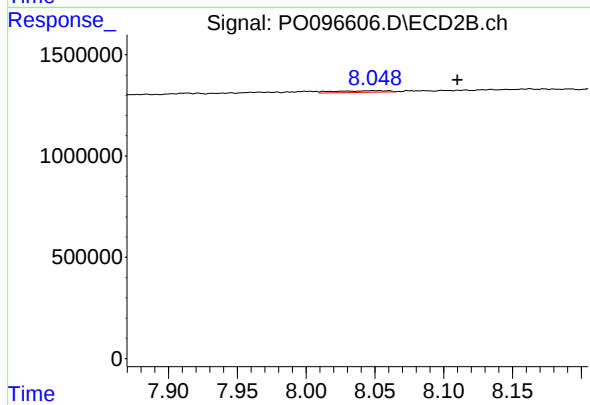
#39 AR-1262-4

R.T.: 7.604 min
Delta R.T.: -0.009 min
Response: 429525
Conc: 3.79 ng/ml



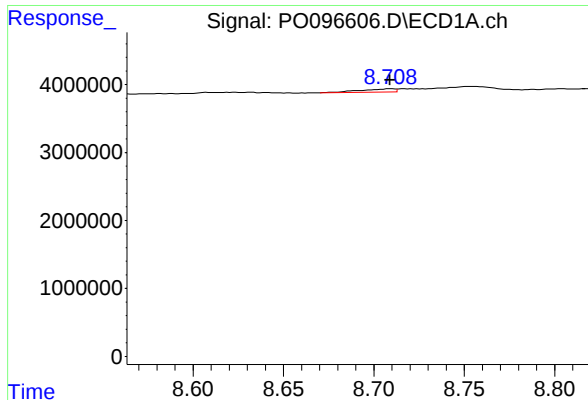
#40 AR-1262-5

R.T.: 9.478 min
Delta R.T.: 0.004 min
Response: 24317
Conc: 0.29 ng/ml



#40 AR-1262-5

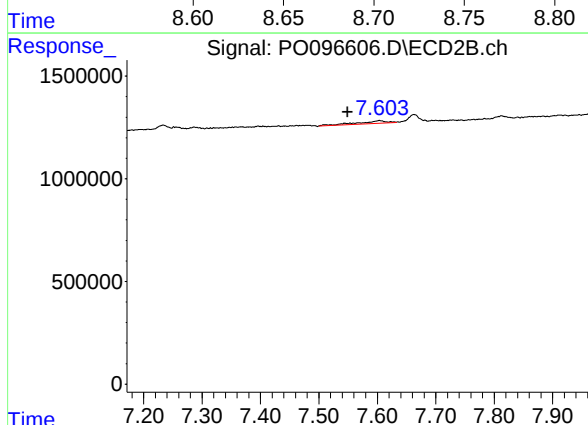
R.T.: 8.048 min
Delta R.T.: -0.062 min
Response: 206780
Conc: 3.97 ng/ml



#41 AR-1268-1

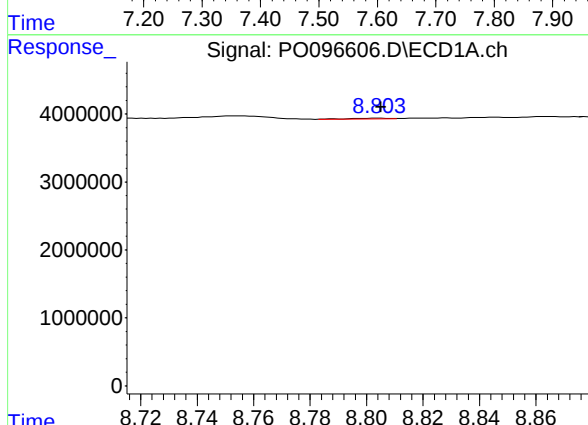
R.T.: 8.709 min
Delta R.T.: 0.000 min
Response: 604057
Conc: 1.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



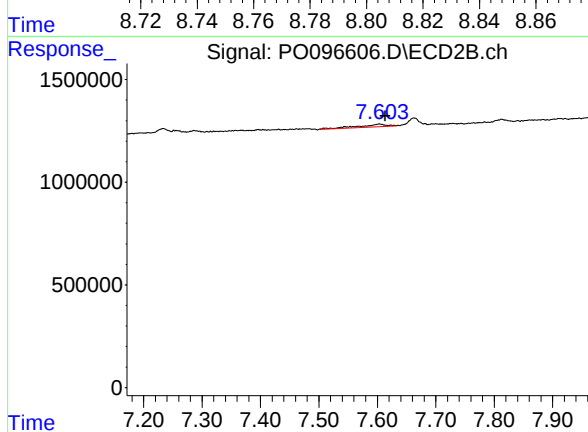
#41 AR-1268-1

R.T.: 7.604 min
Delta R.T.: 0.055 min
Response: 429525
Conc: 2.30 ng/ml



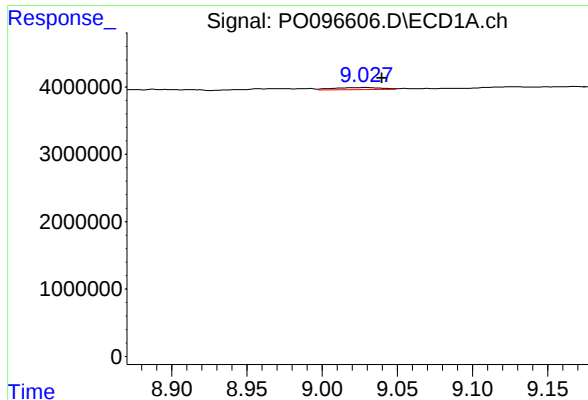
#42 AR-1268-2

R.T.: 8.805 min
Delta R.T.: 0.000 min
Response: 102815
Conc: 0.38 ng/ml



#42 AR-1268-2

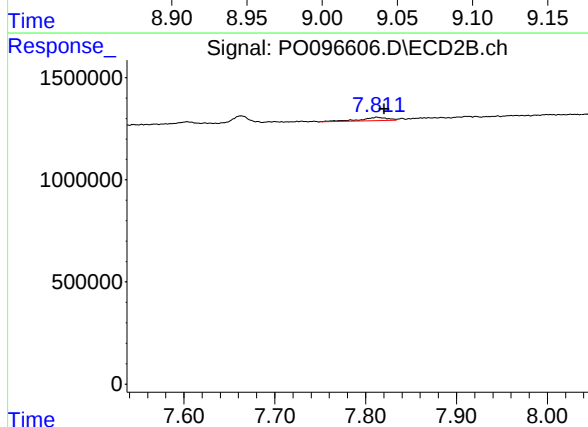
R.T.: 7.604 min
Delta R.T.: -0.010 min
Response: 429525
Conc: 2.55 ng/ml



#43 AR-1268-3

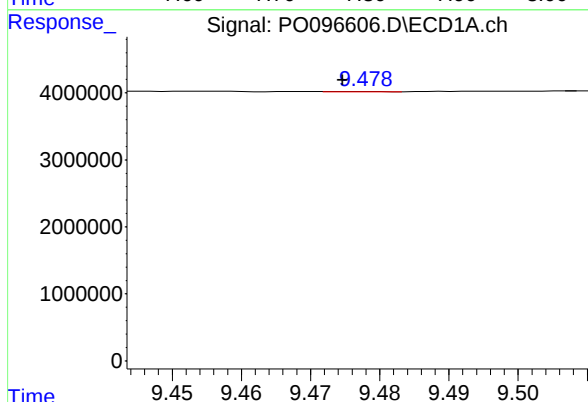
R.T.: 9.029 min
Delta R.T.: -0.011 min
Response: 653934
Conc: 2.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



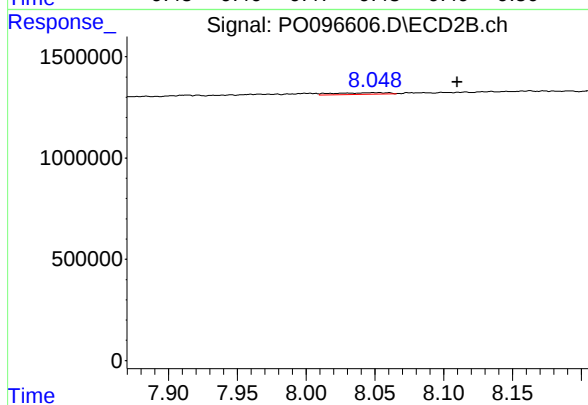
#43 AR-1268-3

R.T.: 7.813 min
Delta R.T.: -0.008 min
Response: 334429
Conc: 2.28 ng/ml



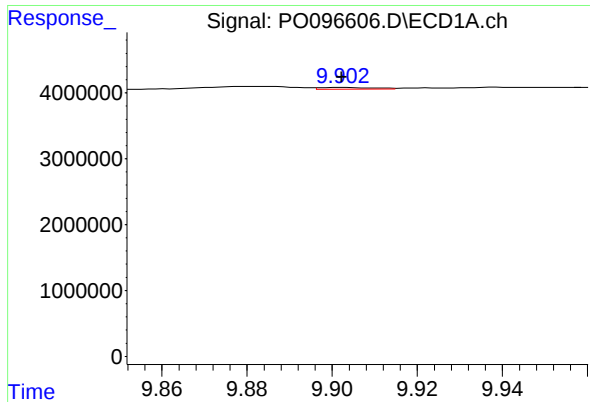
#44 AR-1268-4

R.T.: 9.478 min
Delta R.T.: 0.003 min
Response: 24317
Conc: 0.26 ng/ml



#44 AR-1268-4

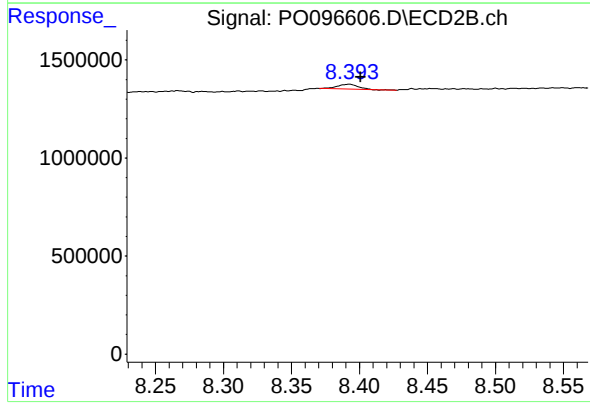
R.T.: 8.048 min
Delta R.T.: -0.062 min
Response: 206780
Conc: 3.48 ng/ml



#45 AR-1268-5

R.T.: 9.902 min
Delta R.T.: 0.000 min
Response: 213444
Conc: 0.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.393 min
Delta R.T.: -0.008 min
Response: 266524
Conc: 0.62 ng/ml