

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082123\
 Data File : P0097314.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2023 11:17
 Operator : YP/AJ
 Sample : 04071-06DL 100X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 01:44:57 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...	4.389	3.613	2443980	363726	0.738	0.275 #
2) SA Decachlor...	10.344	8.625	108238	330806	0.049	0.286 #
Target Compounds						
3) L1 AR-1016-1	5.593	4.715	50743645	30143553	538.774	679.889 #
4) L1 AR-1016-2	5.616	4.715	71273757	30143553	532.791	492.777
5) L1 AR-1016-3	5.680	4.891	48618235	17932093	558.695	548.912
6) L1 AR-1016-4	5.781	4.934	39752758	14608567	591.820	511.032
7) L1 AR-1016-5	6.082	5.147	47903856	22081835	686.135	574.353
8) L2 AR-1221-1	4.612	3.825	3553480	1299104	87.191	74.846
9) L2 AR-1221-2	4.706	3.912	4676339	1646819	153.929	127.456
10) L2 AR-1221-3	4.784	3.987	19051134	8300477	217.649	209.111
11) L3 AR-1232-1	4.784	3.987	19051134	8300477	261.213	256.606
12) L3 AR-1232-2	5.321	4.715	32202055	30143553	812.241	1044.745 #
13) L3 AR-1232-3	5.616	4.891	71273757	17932093	1165.124	1182.710
14) L3 AR-1232-4	5.781	4.976	39752758	17093065	1302.778	1143.757
15) L3 AR-1232-5	5.873	5.147	34655413	22081835	1238.437	1350.837
16) L4 AR-1242-1	5.593	4.715	50743645	30143553	605.410	764.580 #
17) L4 AR-1242-2	5.616	4.715	71273757	30143553	605.237	553.185
18) L4 AR-1242-3	5.680	4.891	48618235	17932093	658.138	606.458
19) L4 AR-1242-4	5.781	4.976	39752758	17093065	667.773	542.398
20) L4 AR-1242-5	6.534	5.500	31796486	20403867	577.911	559.989
21) L5 AR-1248-1	5.593	4.715	50743645	30143553	866.020	1074.157
22) L5 AR-1248-2	5.873	4.934	34655413	14608567	368.606	344.696
23) L5 AR-1248-3	6.082	4.976	47903856	17093065	489.770	389.674
24) L5 AR-1248-4	6.495	5.147	33765786	22081835	371.692	432.554
25) L5 AR-1248-5	6.534	5.541	31796486	15145062	360.971	323.946
26) L6 AR-1254-1	6.466	5.500	26312186	20403867	240.754	276.489
27) L6 AR-1254-2	6.696	5.648	25417654	3945785	157.651	59.893 #
28) L6 AR-1254-3	7.069	6.052	6763986	3527109	43.166	34.900
29) L6 AR-1254-4	7.362	6.281	2911563	1217671	28.879	21.040 #
30) L6 AR-1254-5	7.793	6.700	1023151	637945	9.118	7.256
31) L7 AR-1260-1	7.238	6.196	1227788	1661064	9.769	23.605 #
32) L7 AR-1260-2	7.520	6.370	4202904	532644	31.194	6.382 #
33) L7 AR-1260-3	7.874	6.510	826420	2273124	7.964	29.437 #
34) L7 AR-1260-4	8.103	6.999	619810	457333	5.544	7.137 #
35) L7 AR-1260-5	8.439	7.241	837900	565779	3.990	4.081
36) L8 AR-1262-1	7.874	6.792	826420	635023	5.564	16.130 #
37) L8 AR-1262-2	8.439	6.999	837900	457333	3.620	5.639 #
38) L8 AR-1262-3	8.777	7.528	963247	154905	5.775	2.414 #
39) L8 AR-1262-4	8.850	7.588	121953	323797	1.673	2.850 #
40) L8 AR-1262-5	9.532	0.000	26490	0	0.318	N.D. #
41) L9 AR-1268-1	8.777	7.528	963247	154905	3.133	0.836 #

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Integration File signal 1: autoint1.e
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 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 2023
 Response via : Initial Calibration
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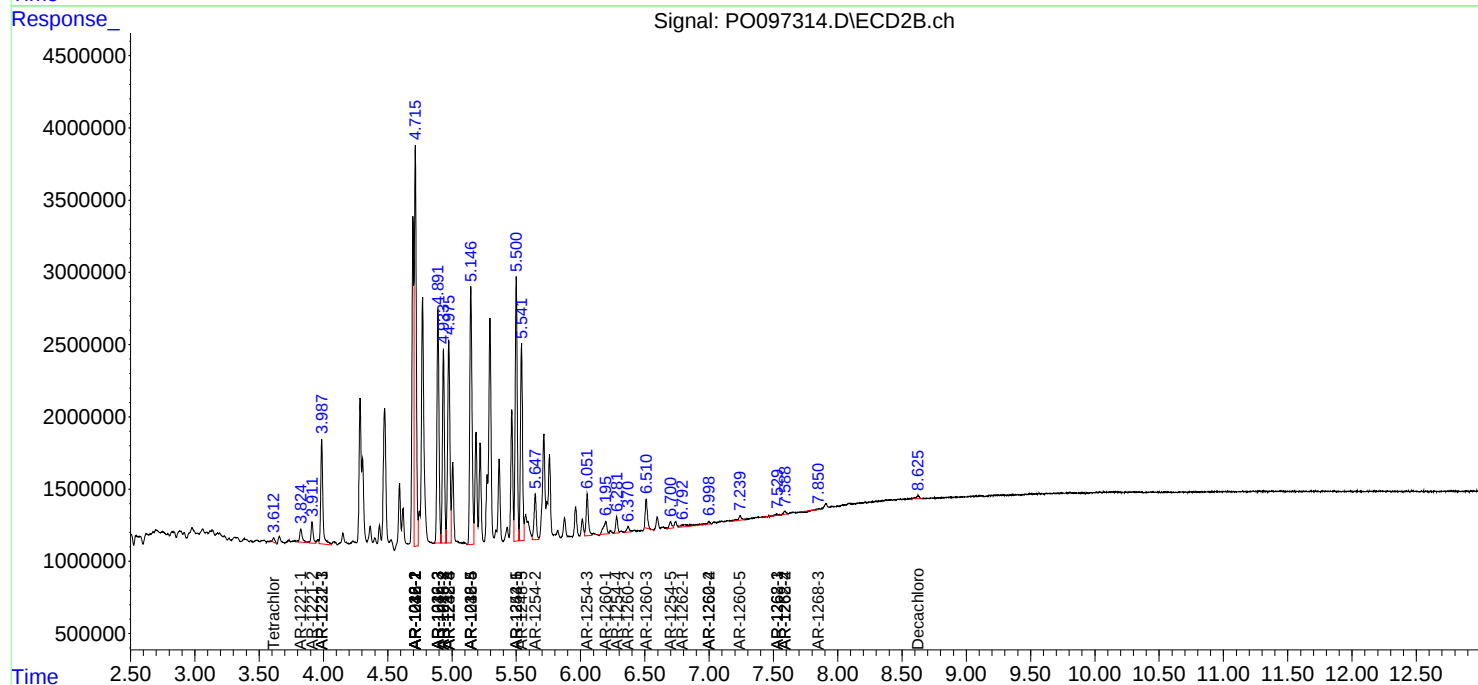
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

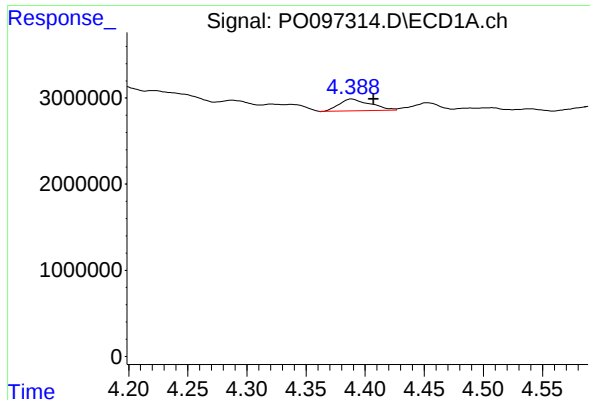
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.850	7.588	121953	323797	0.445	1.931 #
43) L9	AR-1268-3	9.091	7.851f	241860	14860	0.947	0.103 #
44) L9	AR-1268-4	9.551	0.000	165223	0	1.782	N.D. #
45) L9	AR-1268-5	9.980	0.000	36434	0	0.045	N.D. #

(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

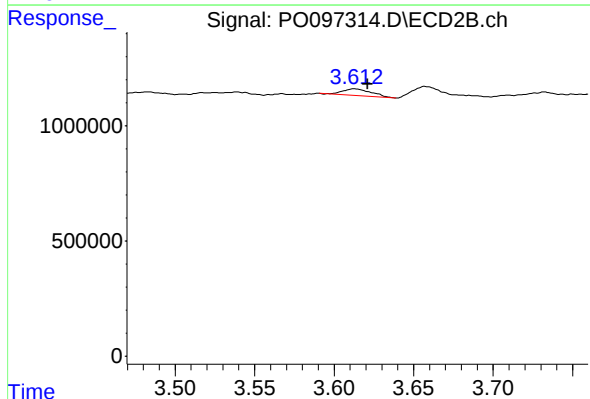




#1 Tetrachloro-m-xylene

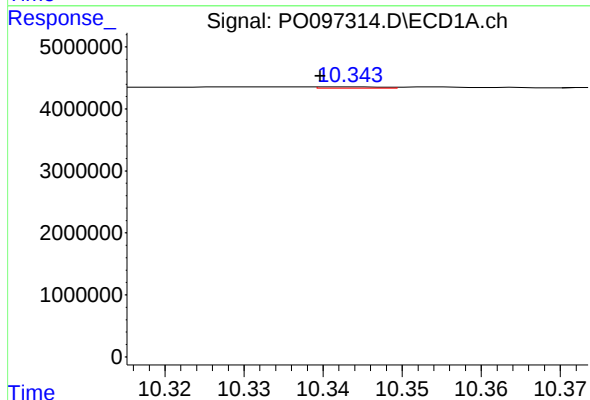
R.T.: 4.389 min
Delta R.T.: -0.018 min
Response: 2443980
Conc: 0.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



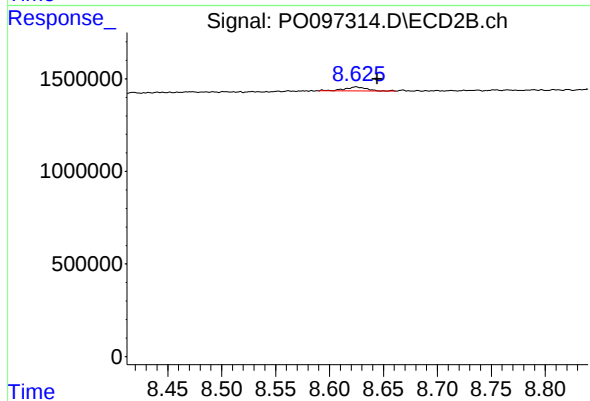
#1 Tetrachloro-m-xylene

R.T.: 3.613 min
Delta R.T.: -0.008 min
Response: 363726
Conc: 0.27 ng/ml



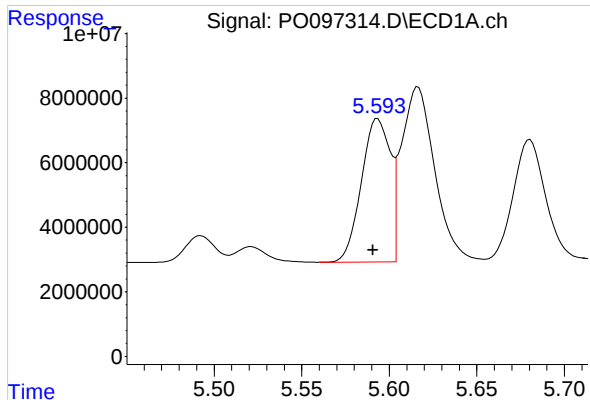
#2 Decachlorobiphenyl

R.T.: 10.344 min
Delta R.T.: 0.004 min
Response: 108238
Conc: 0.05 ng/ml



#2 Decachlorobiphenyl

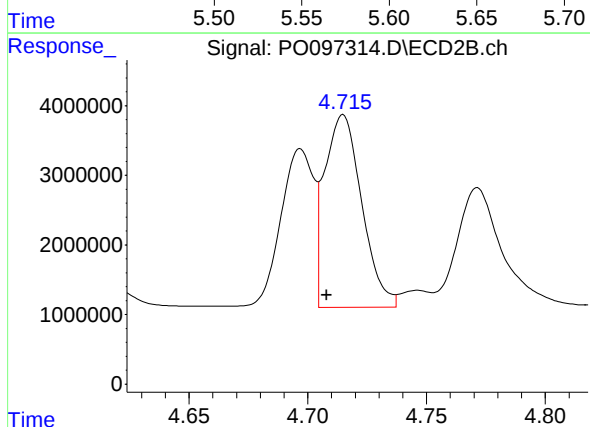
R.T.: 8.625 min
Delta R.T.: -0.019 min
Response: 330806
Conc: 0.29 ng/ml



#3 AR-1016-1

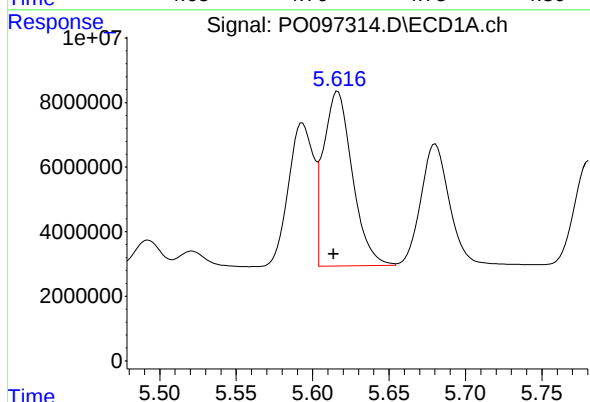
R.T.: 5.593 min
Delta R.T.: 0.003 min
Response: 50743645
Conc: 538.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



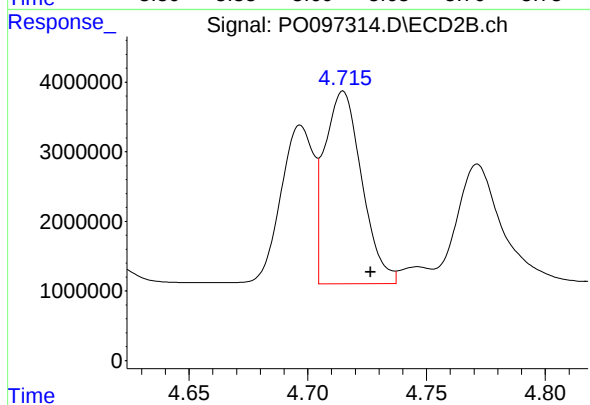
#3 AR-1016-1

R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 30143553
Conc: 679.89 ng/ml



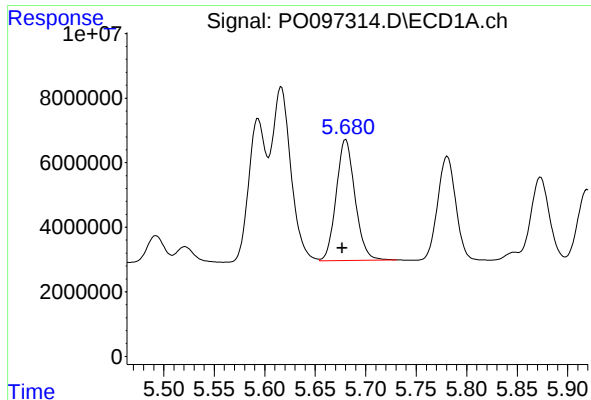
#4 AR-1016-2

R.T.: 5.616 min
Delta R.T.: 0.003 min
Response: 71273757
Conc: 532.79 ng/ml



#4 AR-1016-2

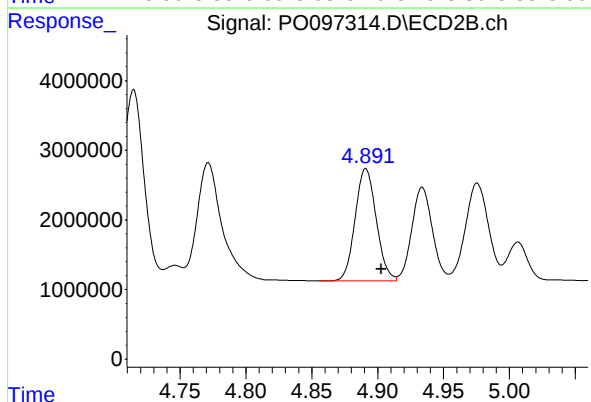
R.T.: 4.715 min
Delta R.T.: -0.012 min
Response: 30143553
Conc: 492.78 ng/ml



#5 AR-1016-3

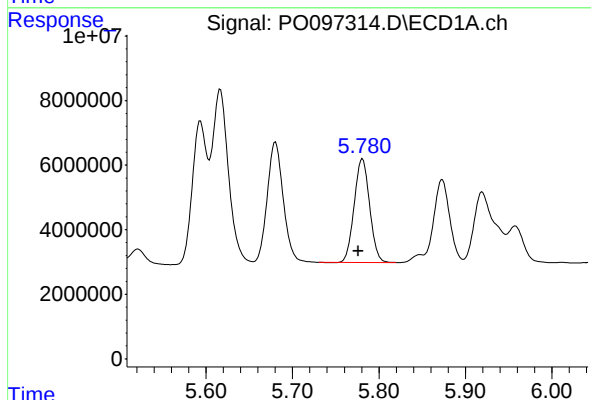
R.T.: 5.680 min
Delta R.T.: 0.003 min
Response: 48618235
Conc: 558.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



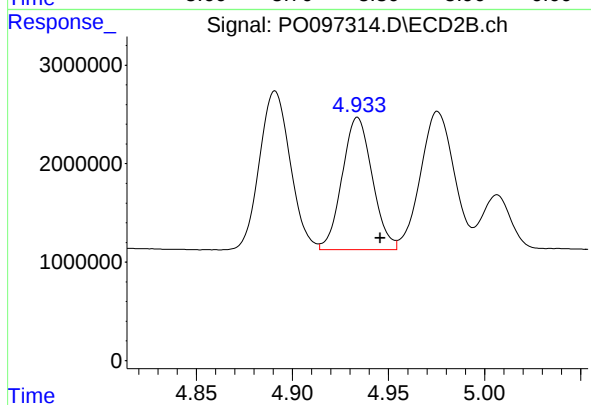
#5 AR-1016-3

R.T.: 4.891 min
Delta R.T.: -0.012 min
Response: 17932093
Conc: 548.91 ng/ml



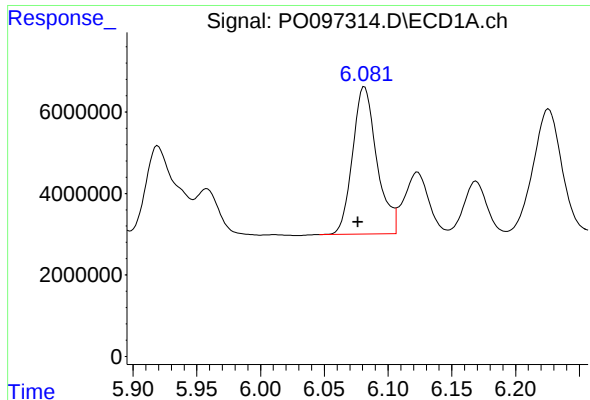
#6 AR-1016-4

R.T.: 5.781 min
Delta R.T.: 0.004 min
Response: 39752758
Conc: 591.82 ng/ml



#6 AR-1016-4

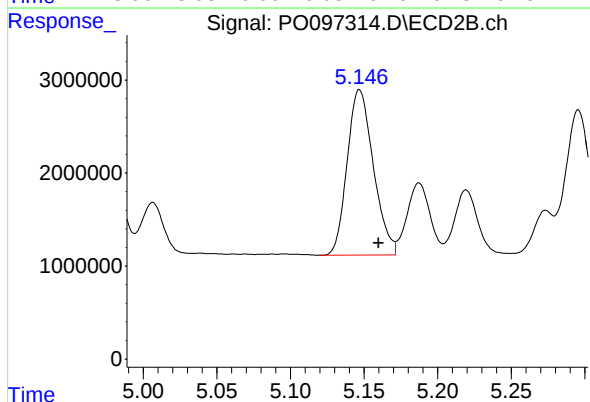
R.T.: 4.934 min
Delta R.T.: -0.012 min
Response: 14608567
Conc: 511.03 ng/ml



#7 AR-1016-5

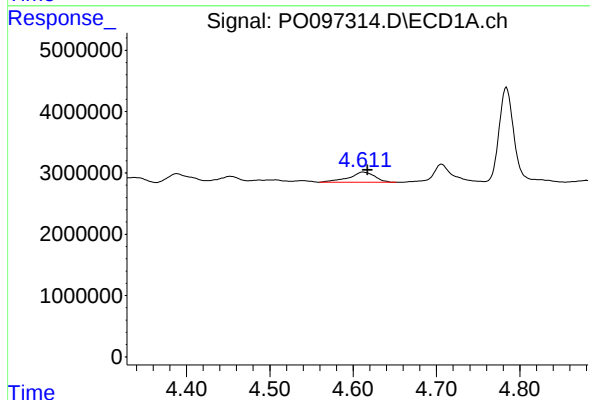
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 47903856
Conc: 686.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



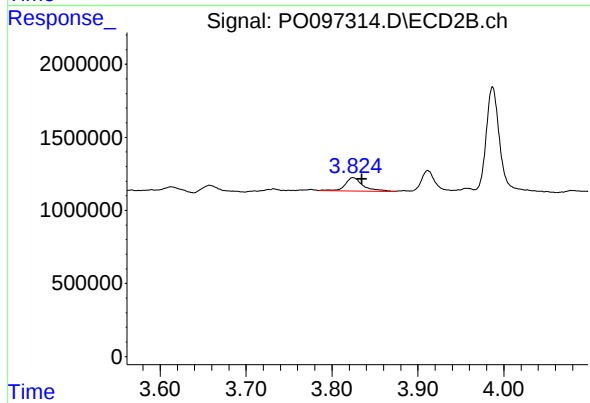
#7 AR-1016-5

R.T.: 5.147 min
Delta R.T.: -0.013 min
Response: 22081835
Conc: 574.35 ng/ml



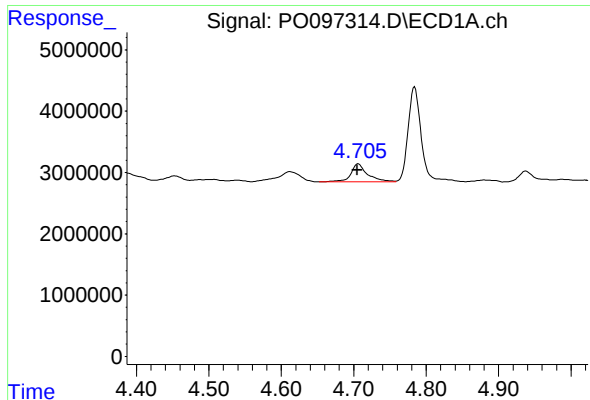
#8 AR-1221-1

R.T.: 4.612 min
Delta R.T.: -0.006 min
Response: 3553480
Conc: 87.19 ng/ml



#8 AR-1221-1

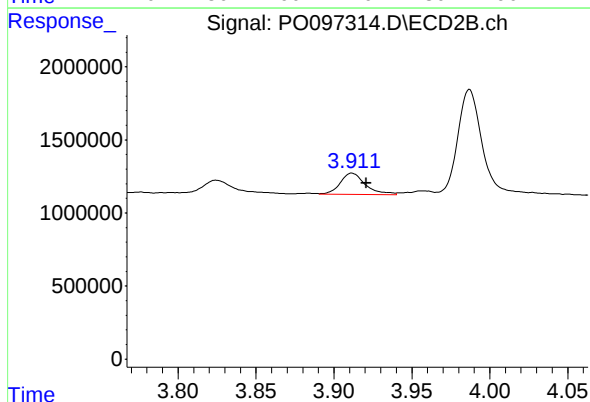
R.T.: 3.825 min
Delta R.T.: -0.010 min
Response: 1299104
Conc: 74.85 ng/ml



#9 AR-1221-2

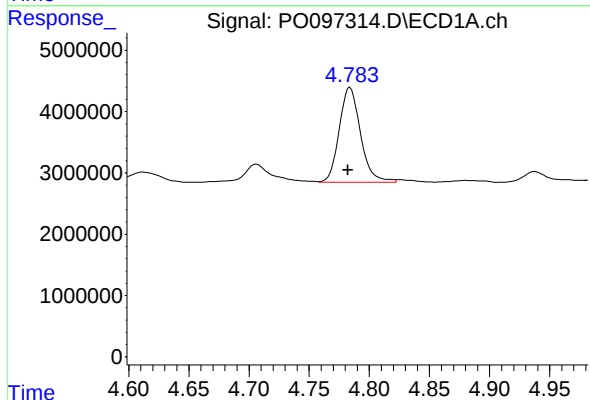
R.T.: 4.706 min
Delta R.T.: 0.001 min
Response: 4676339
Conc: 153.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



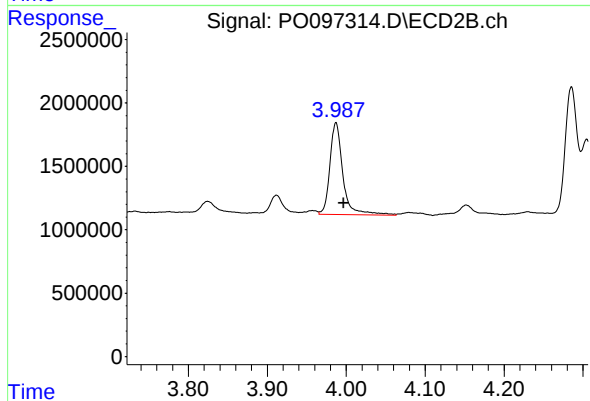
#9 AR-1221-2

R.T.: 3.912 min
Delta R.T.: -0.009 min
Response: 1646819
Conc: 127.46 ng/ml



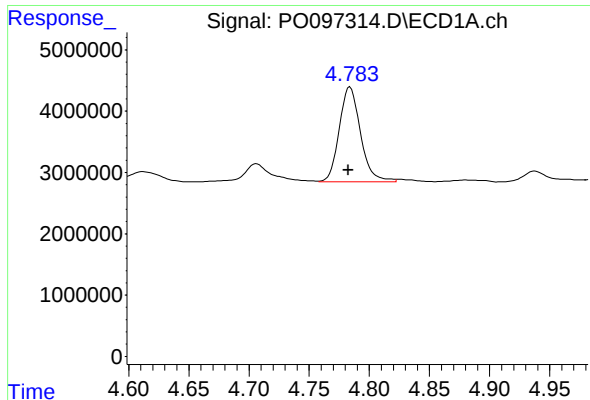
#10 AR-1221-3

R.T.: 4.784 min
Delta R.T.: 0.002 min
Response: 19051134
Conc: 217.65 ng/ml



#10 AR-1221-3

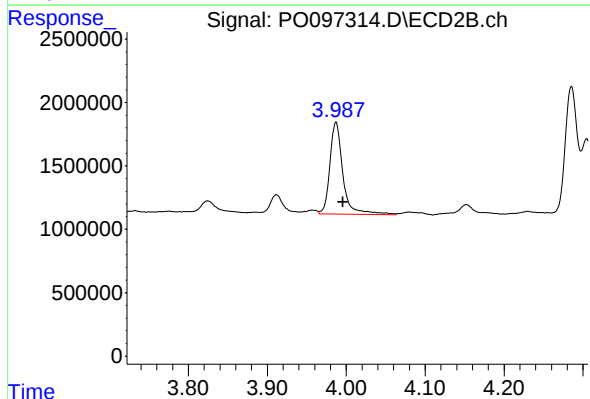
R.T.: 3.987 min
Delta R.T.: -0.010 min
Response: 8300477
Conc: 209.11 ng/ml



#11 AR-1232-1

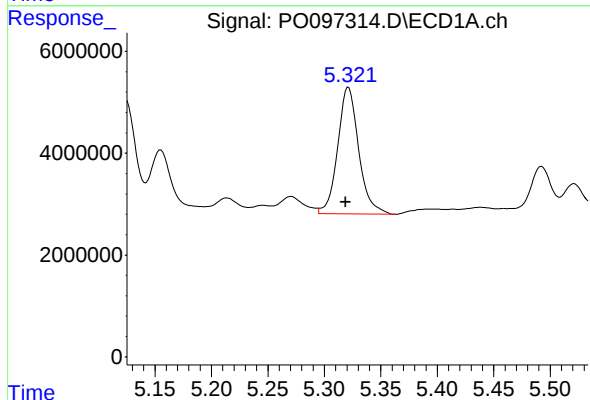
R.T.: 4.784 min
Delta R.T.: 0.002 min
Response: 19051134
Conc: 261.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



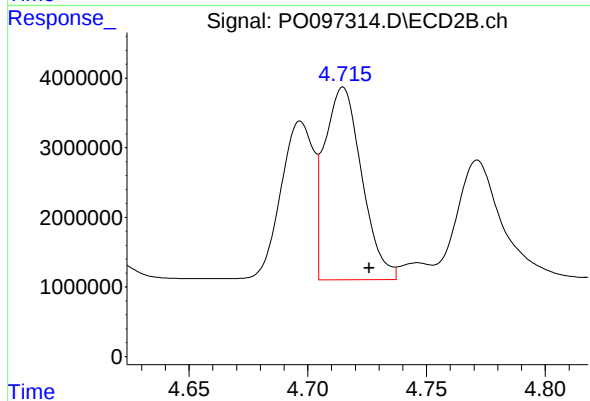
#11 AR-1232-1

R.T.: 3.987 min
Delta R.T.: -0.009 min
Response: 8300477
Conc: 256.61 ng/ml



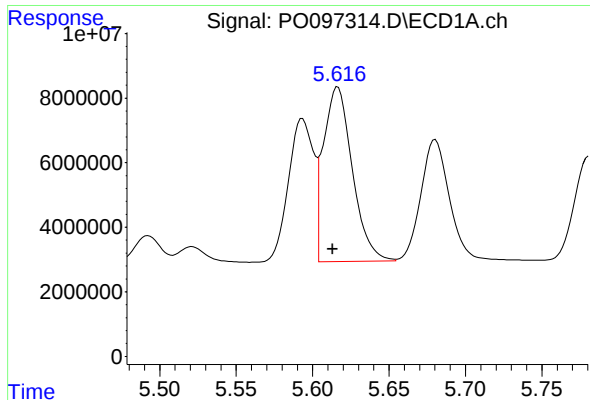
#12 AR-1232-2

R.T.: 5.321 min
Delta R.T.: 0.002 min
Response: 32202055
Conc: 812.24 ng/ml



#12 AR-1232-2

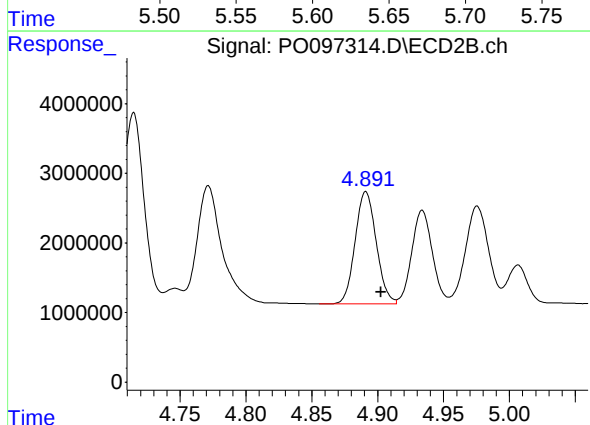
R.T.: 4.715 min
Delta R.T.: -0.011 min
Response: 30143553
Conc: 1044.75 ng/ml



#13 AR-1232-3

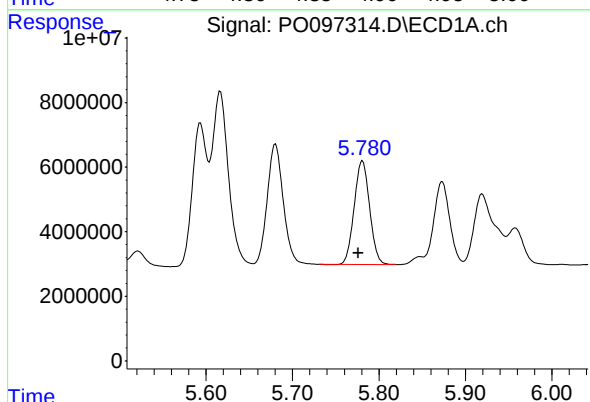
R.T.: 5.616 min
Delta R.T.: 0.003 min
Response: 71273757
Conc: 1165.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



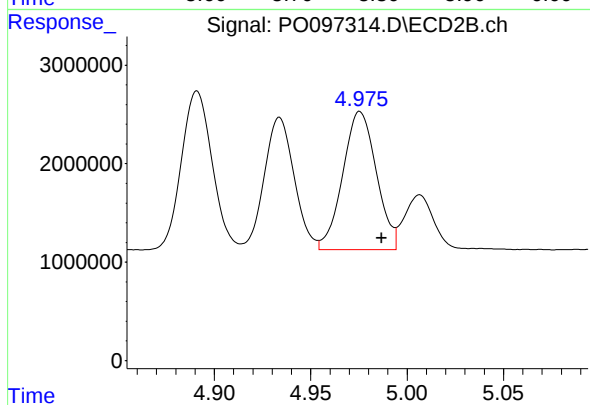
#13 AR-1232-3

R.T.: 4.891 min
Delta R.T.: -0.011 min
Response: 17932093
Conc: 1182.71 ng/ml



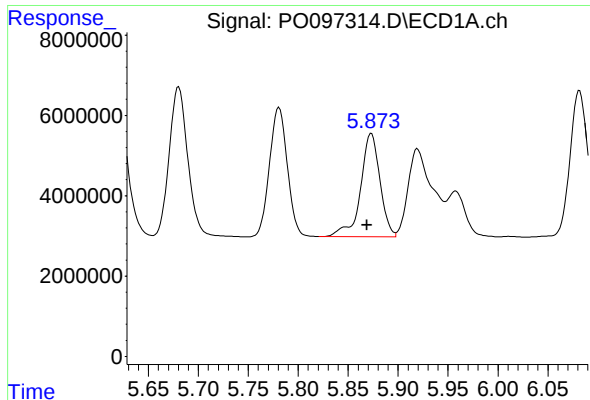
#14 AR-1232-4

R.T.: 5.781 min
Delta R.T.: 0.004 min
Response: 39752758
Conc: 1302.78 ng/ml



#14 AR-1232-4

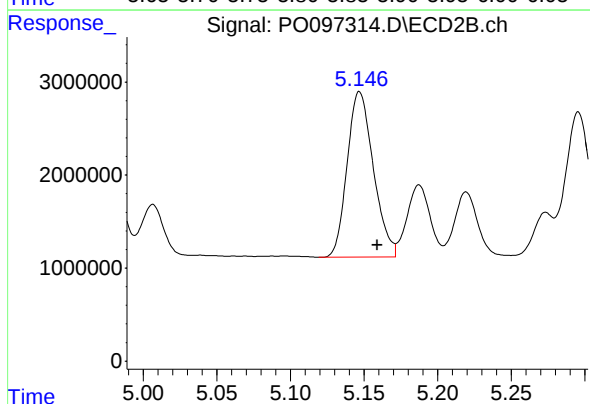
R.T.: 4.976 min
Delta R.T.: -0.011 min
Response: 17093065
Conc: 1143.76 ng/ml



#15 AR-1232-5

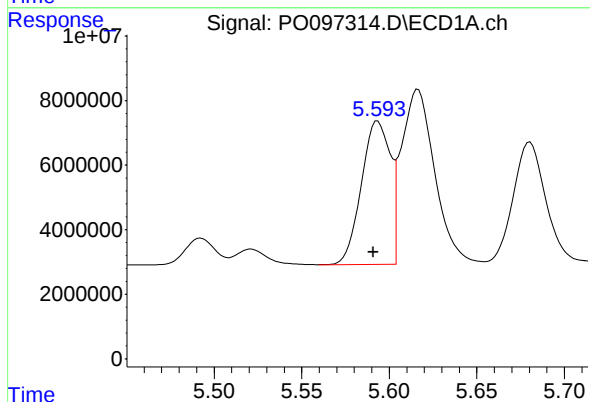
R.T.: 5.873 min
Delta R.T.: 0.004 min
Response: 34655413
Conc: 1238.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



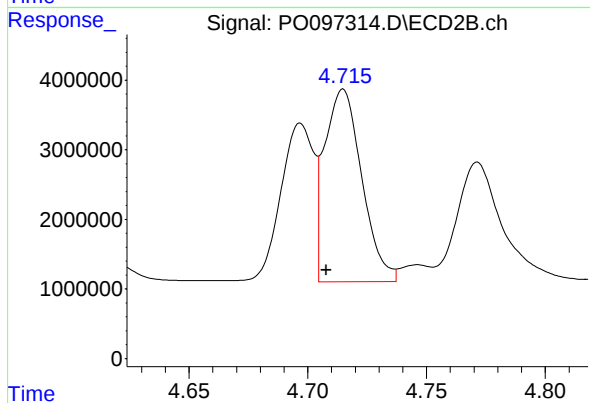
#15 AR-1232-5

R.T.: 5.147 min
Delta R.T.: -0.012 min
Response: 22081835
Conc: 1350.84 ng/ml



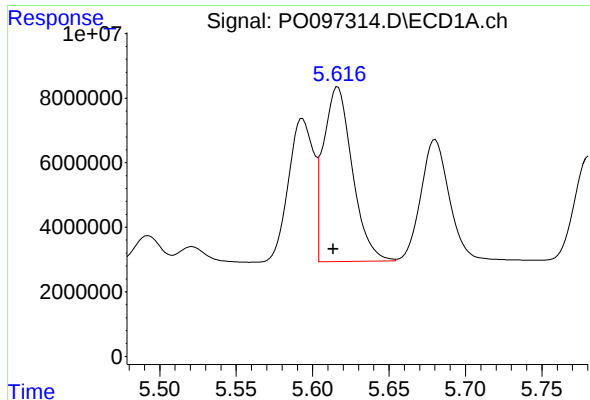
#16 AR-1242-1

R.T.: 5.593 min
Delta R.T.: 0.002 min
Response: 50743645
Conc: 605.41 ng/ml



#16 AR-1242-1

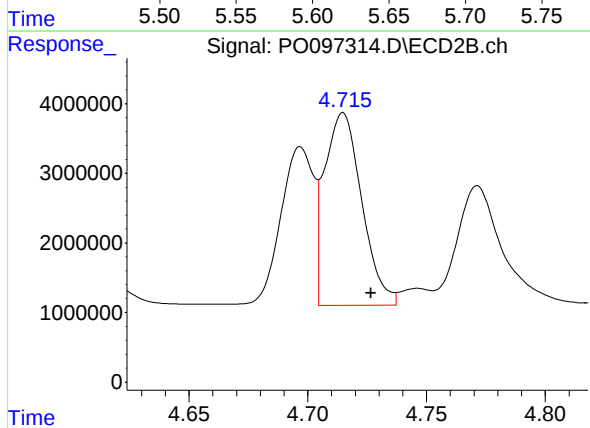
R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 30143553
Conc: 764.58 ng/ml



#17 AR-1242-2

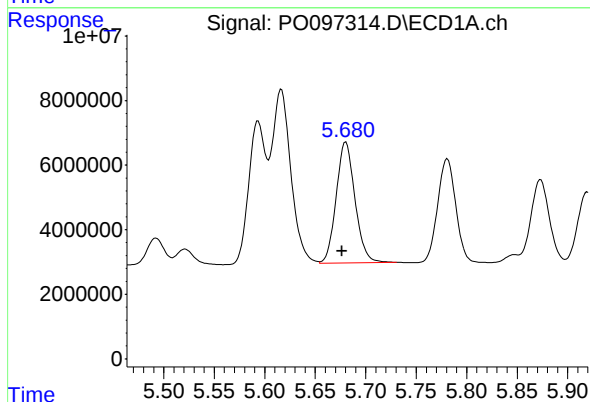
R.T.: 5.616 min
Delta R.T.: 0.003 min
Response: 71273757
Conc: 605.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



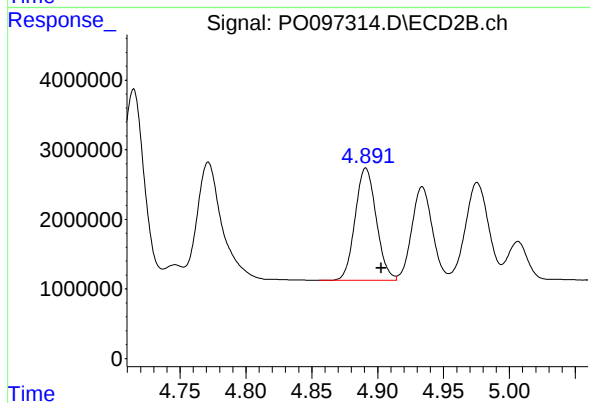
#17 AR-1242-2

R.T.: 4.715 min
Delta R.T.: -0.012 min
Response: 30143553
Conc: 553.19 ng/ml



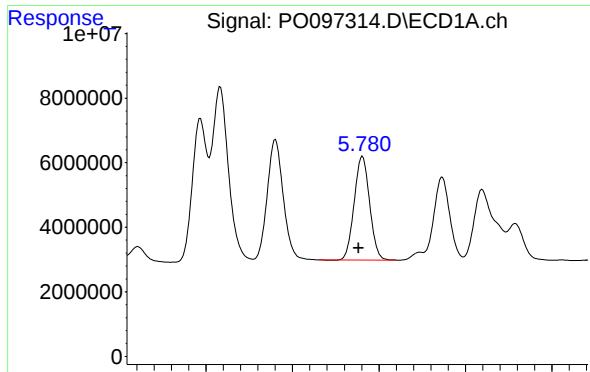
#18 AR-1242-3

R.T.: 5.680 min
Delta R.T.: 0.004 min
Response: 48618235
Conc: 658.14 ng/ml



#18 AR-1242-3

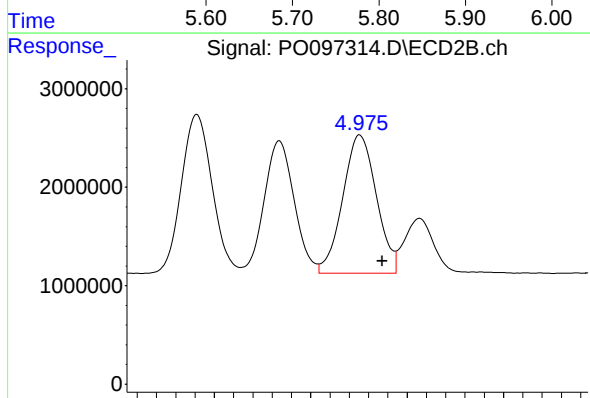
R.T.: 4.891 min
Delta R.T.: -0.012 min
Response: 17932093
Conc: 606.46 ng/ml



#19 AR-1242-4

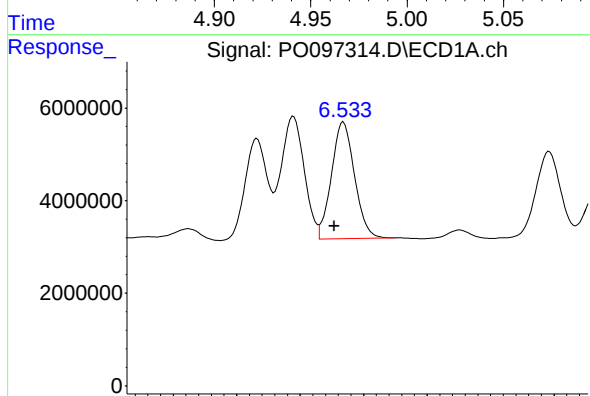
R.T.: 5.781 min
Delta R.T.: 0.004 min
Response: 39752758
Conc: 667.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



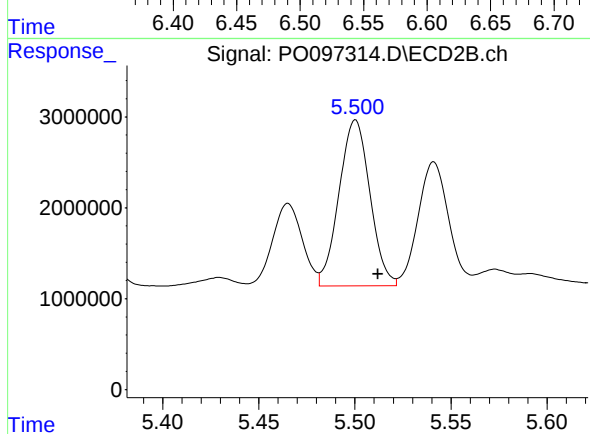
#19 AR-1242-4

R.T.: 4.976 min
Delta R.T.: -0.012 min
Response: 17093065
Conc: 542.40 ng/ml



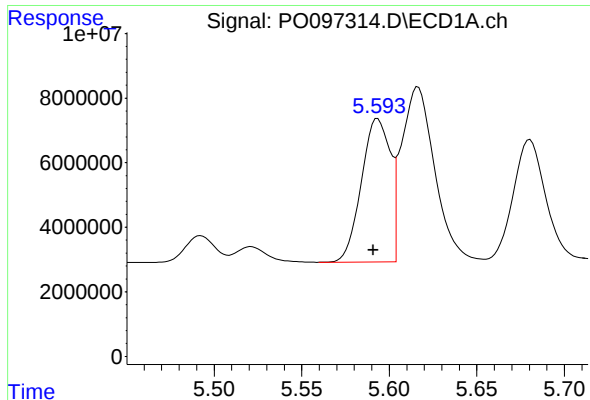
#20 AR-1242-5

R.T.: 6.534 min
Delta R.T.: 0.007 min
Response: 31796486
Conc: 577.91 ng/ml



#20 AR-1242-5

R.T.: 5.500 min
Delta R.T.: -0.012 min
Response: 20403867
Conc: 559.99 ng/ml



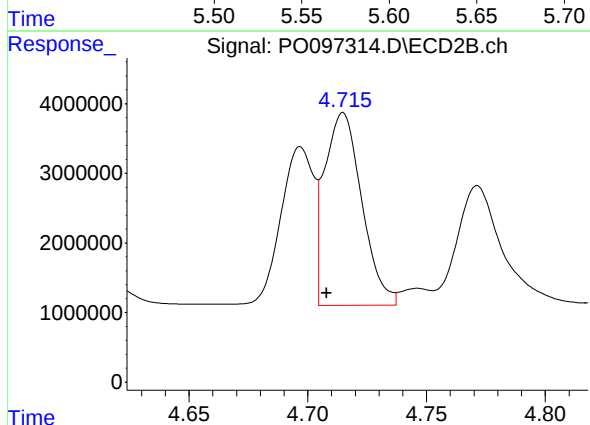
#21 AR-1248-1

R.T.: 5.593 min
Delta R.T.: 0.002 min
Response: 50743645
Conc: 866.02 ng/ml

Instrument :

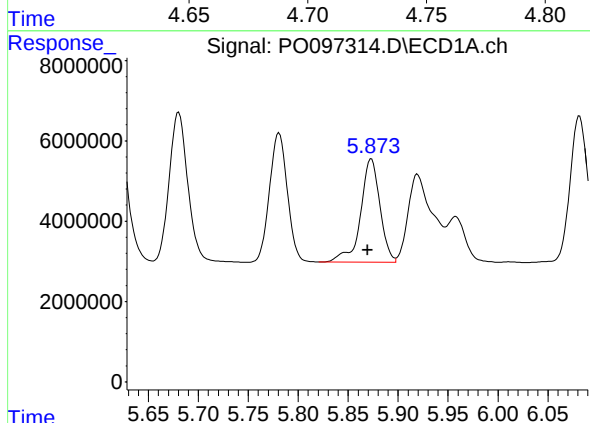
ECD_O

ClientSampleId :



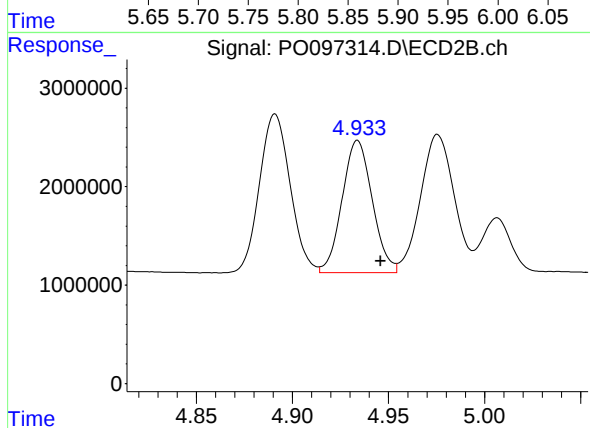
#21 AR-1248-1

R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 30143553
Conc: 1074.16 ng/ml



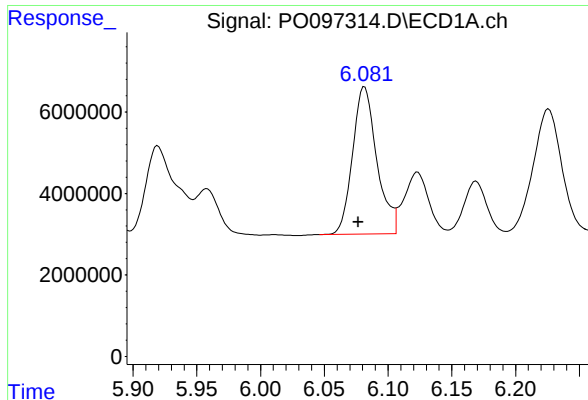
#22 AR-1248-2

R.T.: 5.873 min
Delta R.T.: 0.004 min
Response: 34655413
Conc: 368.61 ng/ml



#22 AR-1248-2

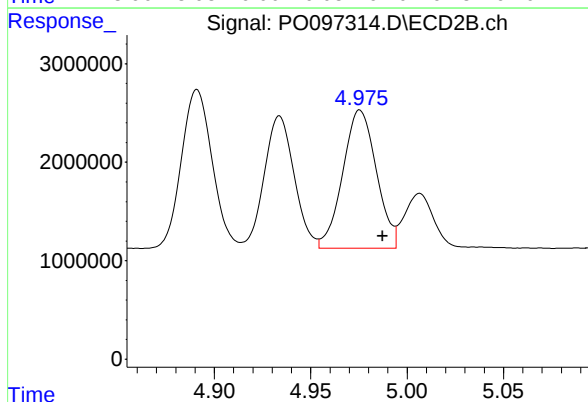
R.T.: 4.934 min
Delta R.T.: -0.012 min
Response: 14608567
Conc: 344.70 ng/ml



#23 AR-1248-3

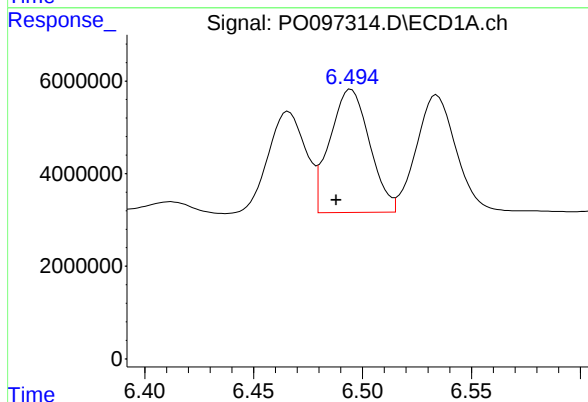
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 47903856
Conc: 489.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



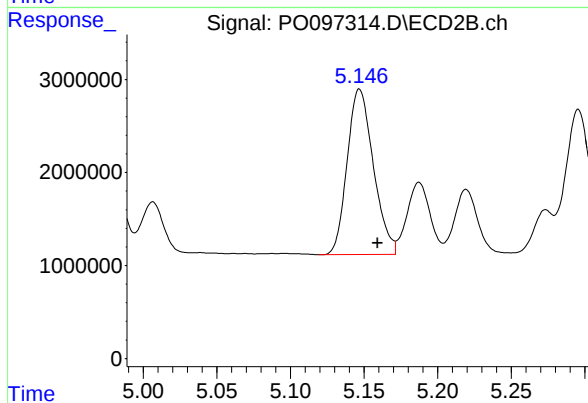
#23 AR-1248-3

R.T.: 4.976 min
Delta R.T.: -0.012 min
Response: 17093065
Conc: 389.67 ng/ml



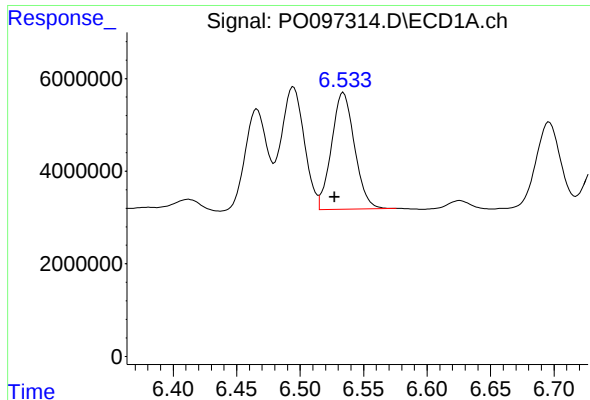
#24 AR-1248-4

R.T.: 6.495 min
Delta R.T.: 0.007 min
Response: 33765786
Conc: 371.69 ng/ml



#24 AR-1248-4

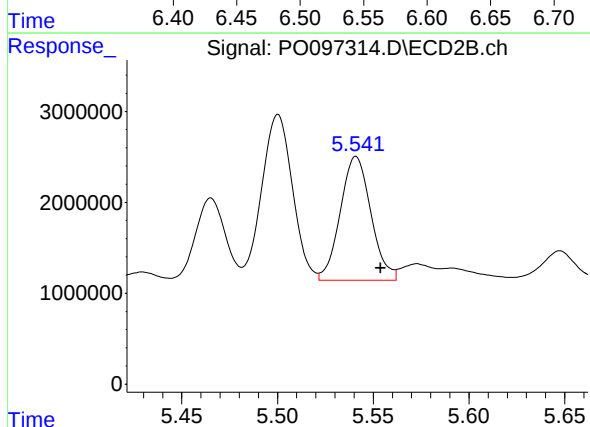
R.T.: 5.147 min
Delta R.T.: -0.012 min
Response: 22081835
Conc: 432.55 ng/ml



#25 AR-1248-5

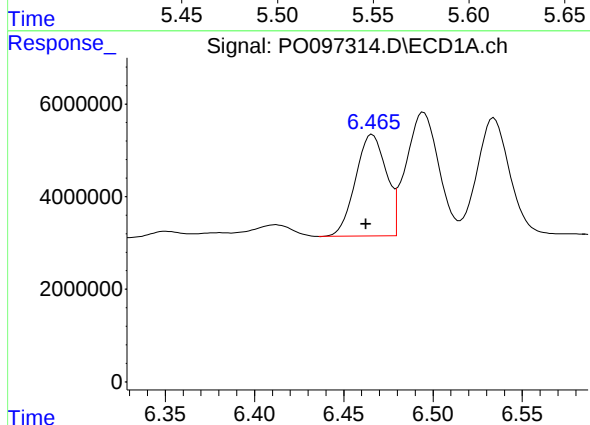
R.T.: 6.534 min
Delta R.T.: 0.007 min
Response: 31796486
Conc: 360.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



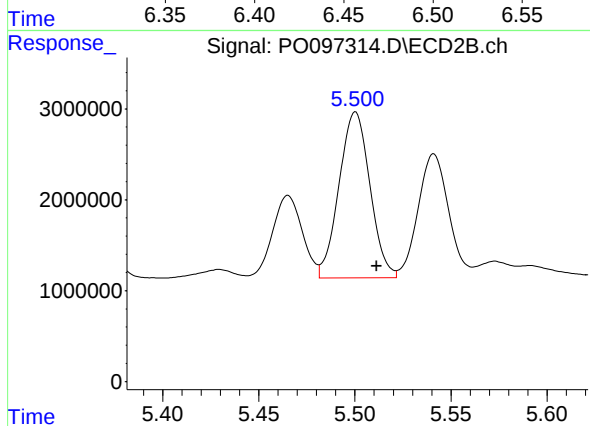
#25 AR-1248-5

R.T.: 5.541 min
Delta R.T.: -0.013 min
Response: 15145062
Conc: 323.95 ng/ml



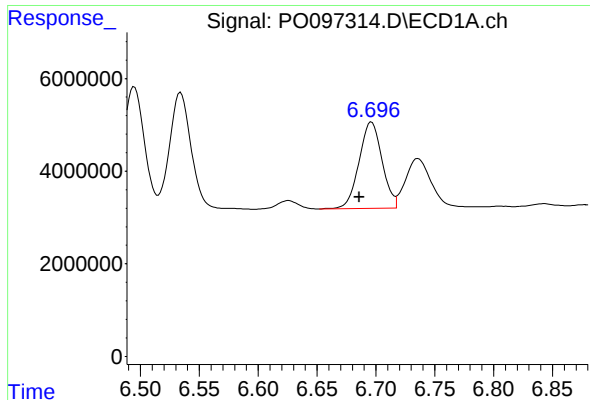
#26 AR-1254-1

R.T.: 6.466 min
Delta R.T.: 0.003 min
Response: 26312186
Conc: 240.75 ng/ml



#26 AR-1254-1

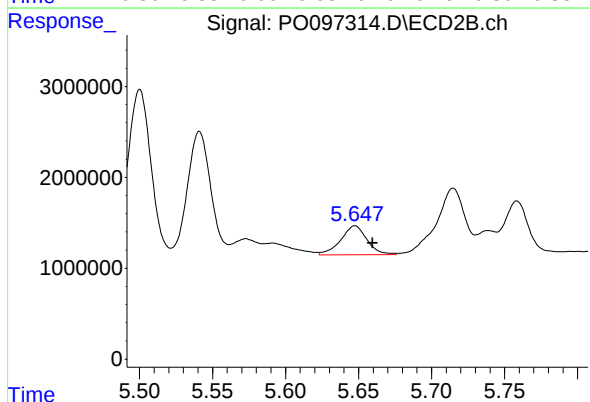
R.T.: 5.500 min
Delta R.T.: -0.011 min
Response: 20403867
Conc: 276.49 ng/ml



#27 AR-1254-2

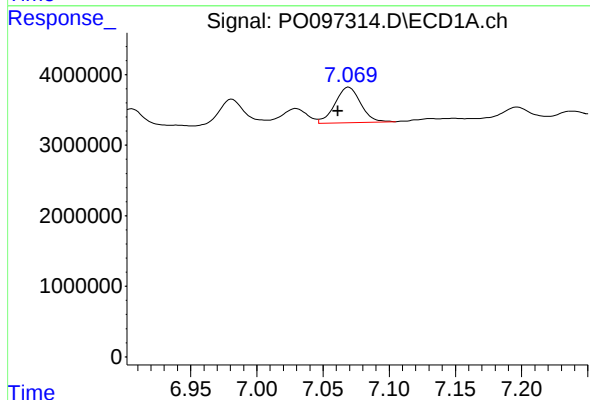
R.T.: 6.696 min
Delta R.T.: 0.010 min
Response: 25417654
Conc: 157.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



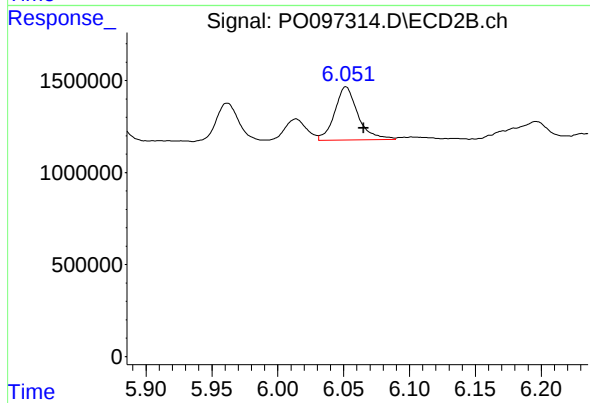
#27 AR-1254-2

R.T.: 5.648 min
Delta R.T.: -0.012 min
Response: 3945785
Conc: 59.89 ng/ml



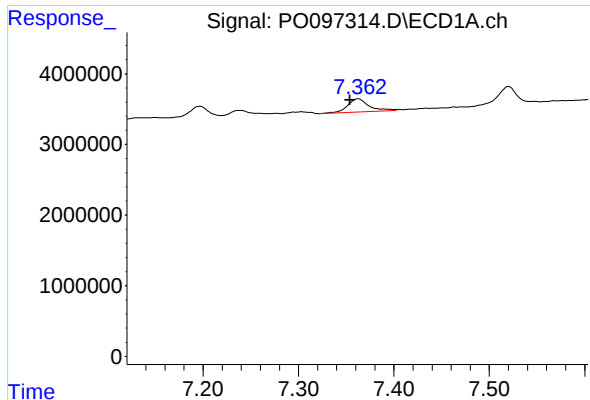
#28 AR-1254-3

R.T.: 7.069 min
Delta R.T.: 0.008 min
Response: 6763986
Conc: 43.17 ng/ml



#28 AR-1254-3

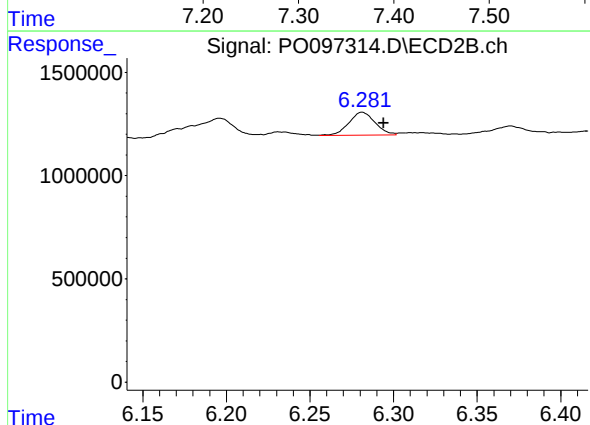
R.T.: 6.052 min
Delta R.T.: -0.013 min
Response: 3527109
Conc: 34.90 ng/ml



#29 AR-1254-4

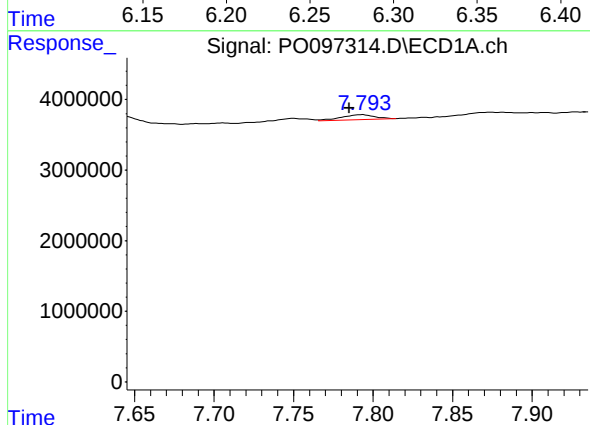
R.T.: 7.362 min
Delta R.T.: 0.008 min
Response: 2911563
Conc: 28.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



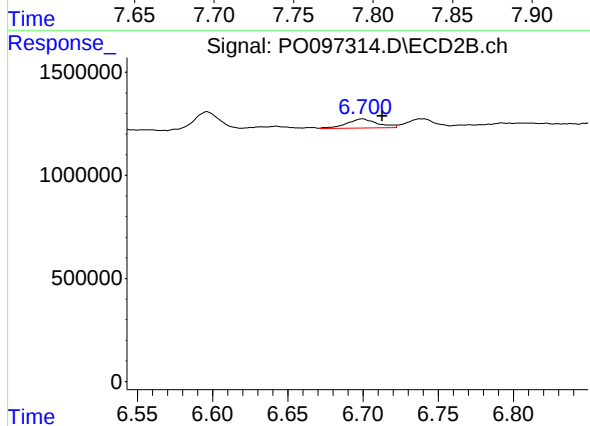
#29 AR-1254-4

R.T.: 6.281 min
Delta R.T.: -0.013 min
Response: 1217671
Conc: 21.04 ng/ml



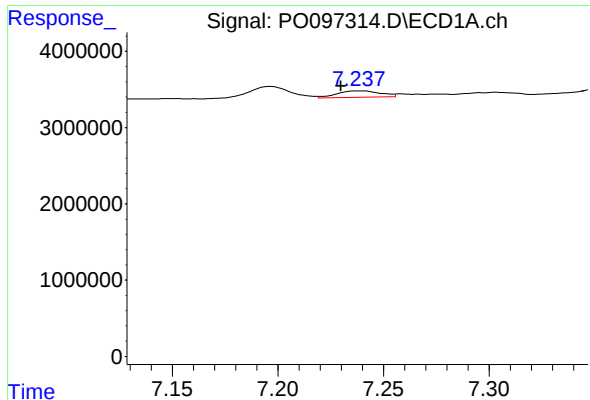
#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.008 min
Response: 1023151
Conc: 9.12 ng/ml



#30 AR-1254-5

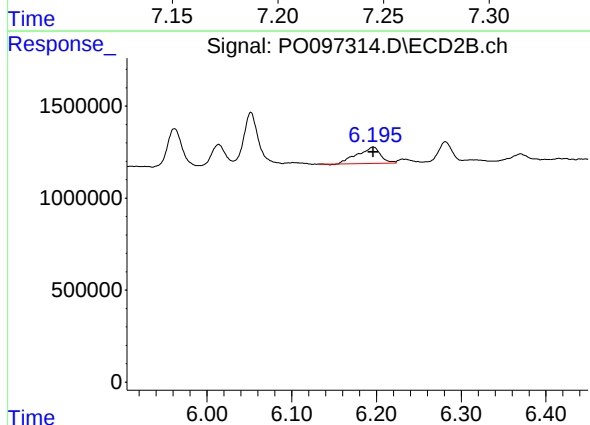
R.T.: 6.700 min
Delta R.T.: -0.013 min
Response: 637945
Conc: 7.26 ng/ml



#31 AR-1260-1

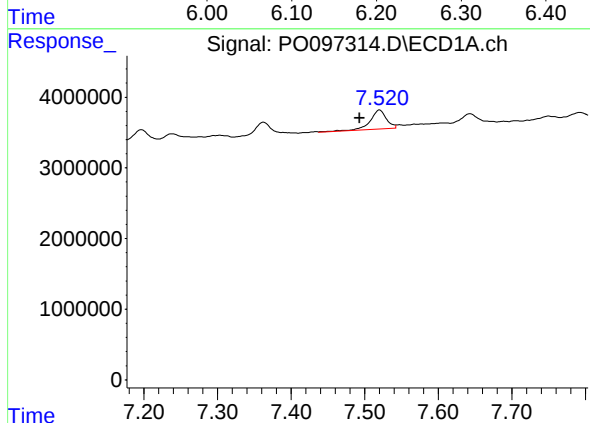
R.T.: 7.238 min
Delta R.T.: 0.008 min
Response: 1227788
Conc: 9.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



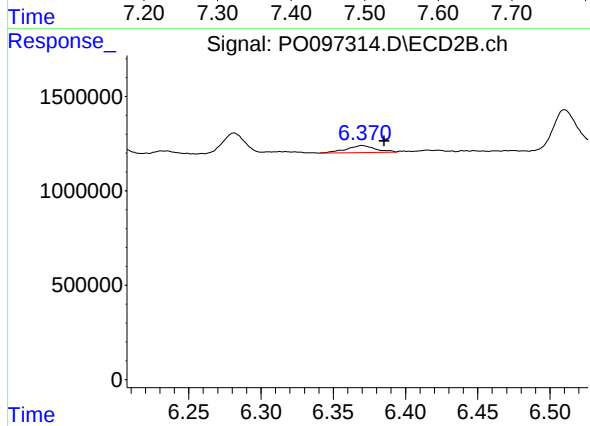
#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 1661064
Conc: 23.61 ng/ml



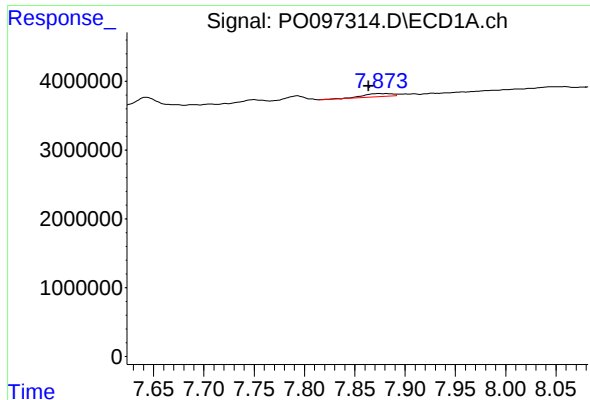
#32 AR-1260-2

R.T.: 7.520 min
Delta R.T.: 0.027 min
Response: 4202904
Conc: 31.19 ng/ml



#32 AR-1260-2

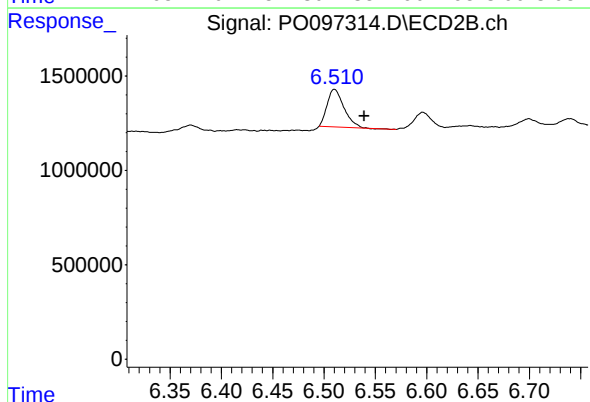
R.T.: 6.370 min
Delta R.T.: -0.015 min
Response: 532644
Conc: 6.38 ng/ml



#33 AR-1260-3

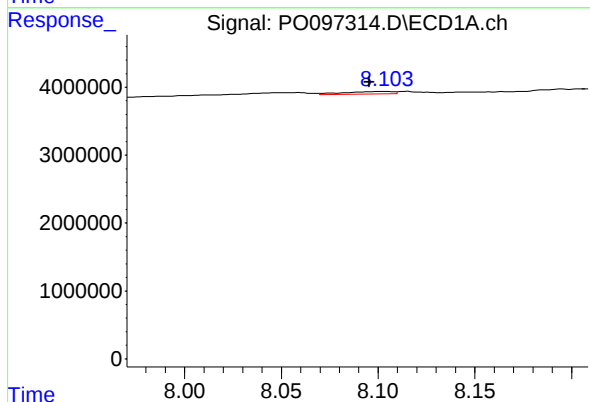
R.T.: 7.874 min
Delta R.T.: 0.010 min
Response: 826420
Conc: 7.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



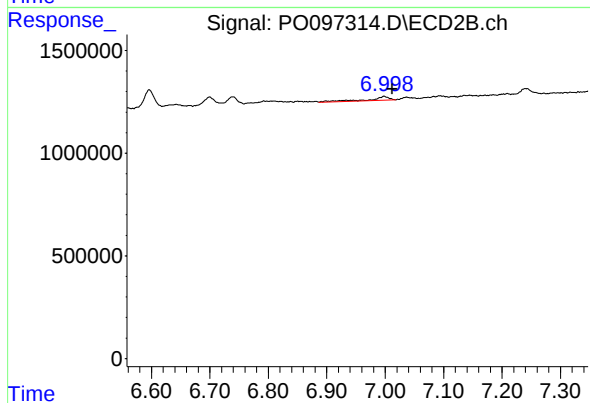
#33 AR-1260-3

R.T.: 6.510 min
Delta R.T.: -0.029 min
Response: 2273124
Conc: 29.44 ng/ml



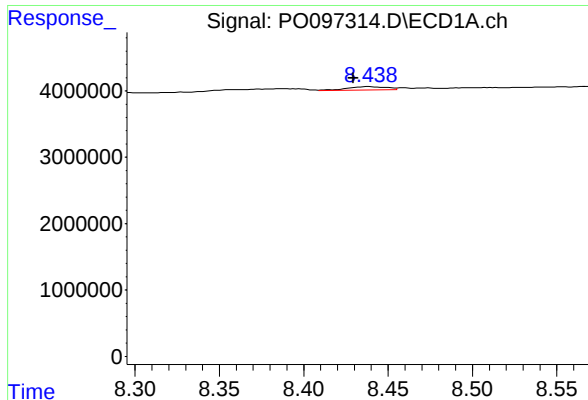
#34 AR-1260-4

R.T.: 8.103 min
Delta R.T.: 0.008 min
Response: 619810
Conc: 5.54 ng/ml



#34 AR-1260-4

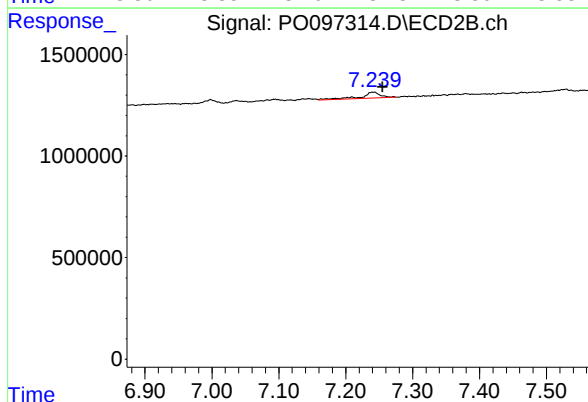
R.T.: 6.999 min
Delta R.T.: -0.014 min
Response: 457333
Conc: 7.14 ng/ml



#35 AR-1260-5

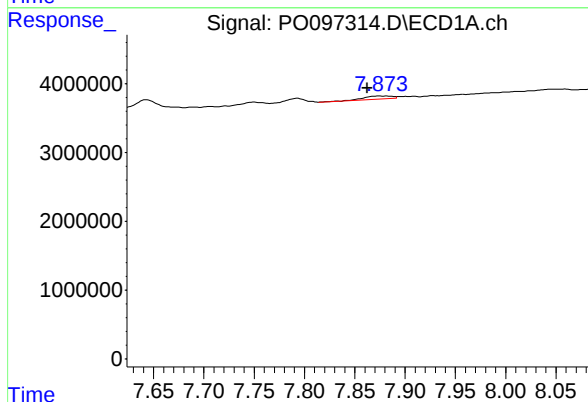
R.T.: 8.439 min
Delta R.T.: 0.009 min
Response: 837900
Conc: 3.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



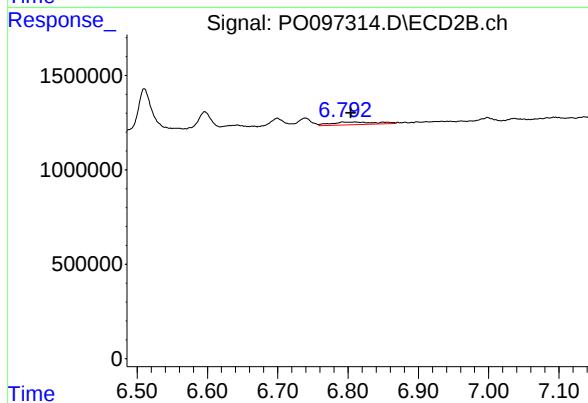
#35 AR-1260-5

R.T.: 7.241 min
Delta R.T.: -0.015 min
Response: 565779
Conc: 4.08 ng/ml



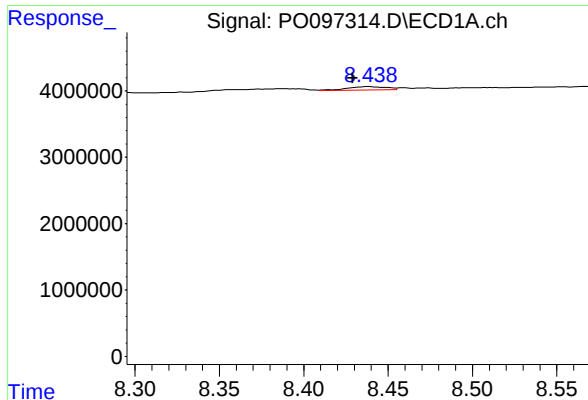
#36 AR-1262-1

R.T.: 7.874 min
Delta R.T.: 0.012 min
Response: 826420
Conc: 5.56 ng/ml



#36 AR-1262-1

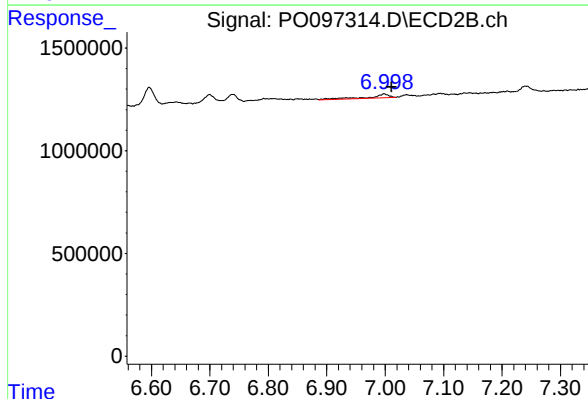
R.T.: 6.792 min
Delta R.T.: -0.012 min
Response: 635023
Conc: 16.13 ng/ml



#37 AR-1262-2

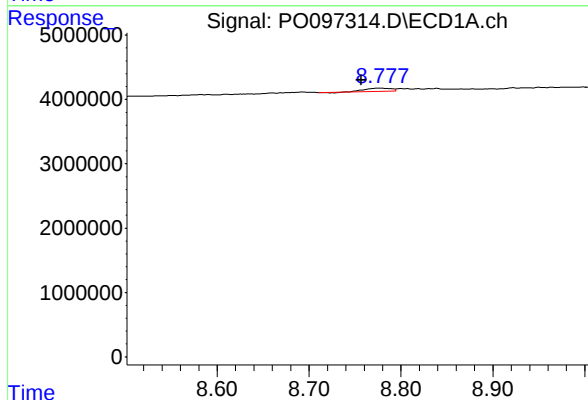
R.T.: 8.439 min
Delta R.T.: 0.010 min
Response: 837900
Conc: 3.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



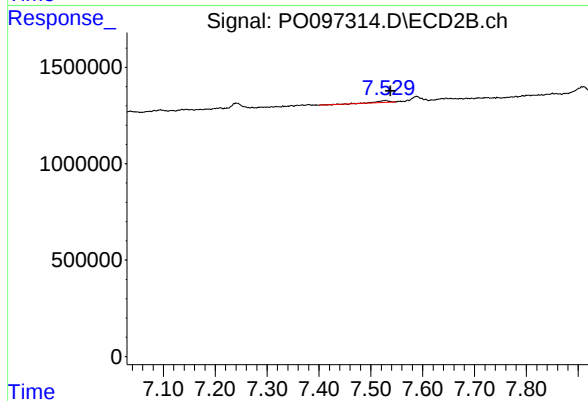
#37 AR-1262-2

R.T.: 6.999 min
Delta R.T.: -0.013 min
Response: 457333
Conc: 5.64 ng/ml



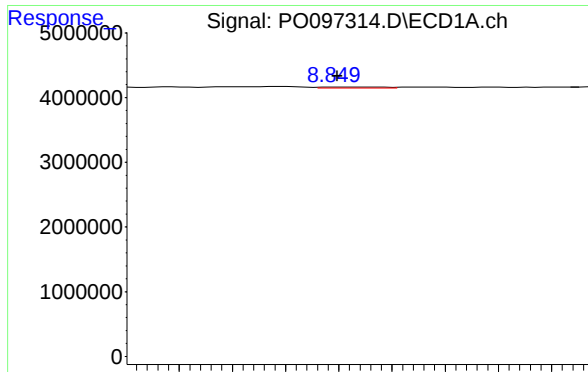
#38 AR-1262-3

R.T.: 8.777 min
Delta R.T.: 0.020 min
Response: 963247
Conc: 5.77 ng/ml



#38 AR-1262-3

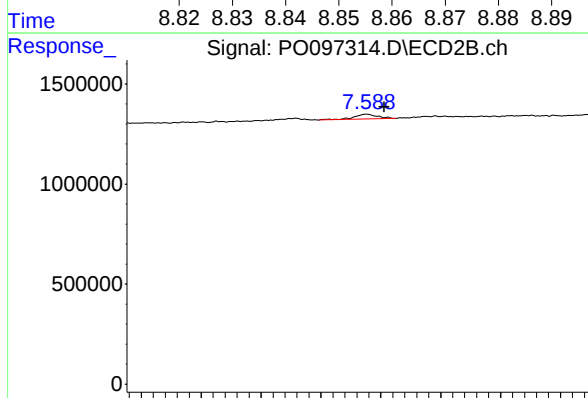
R.T.: 7.528 min
Delta R.T.: -0.011 min
Response: 154905
Conc: 2.41 ng/ml



#39 AR-1262-4

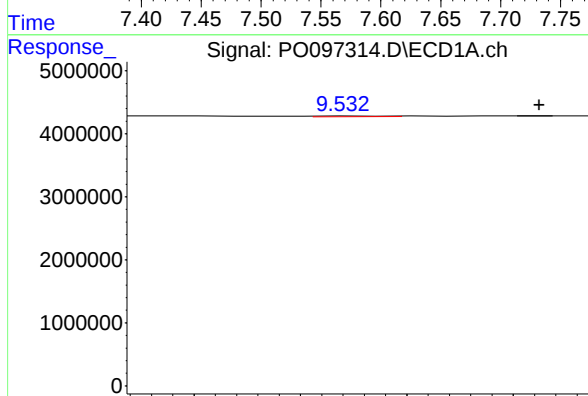
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 121953
Conc: 1.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



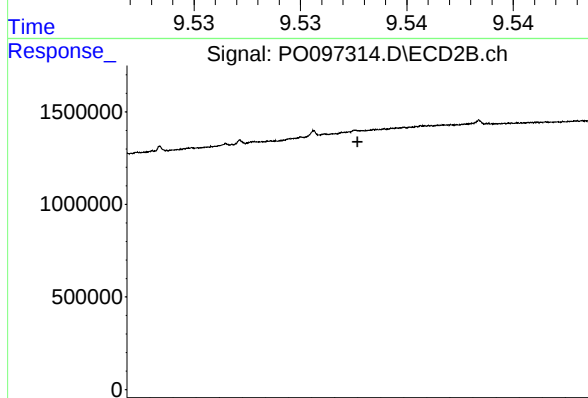
#39 AR-1262-4

R.T.: 7.588 min
Delta R.T.: -0.015 min
Response: 323797
Conc: 2.85 ng/ml



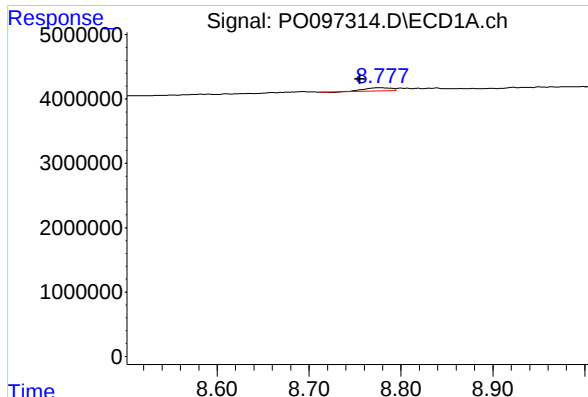
#40 AR-1262-5

R.T.: 9.532 min
Delta R.T.: -0.009 min
Response: 26490
Conc: 0.32 ng/ml



#40 AR-1262-5

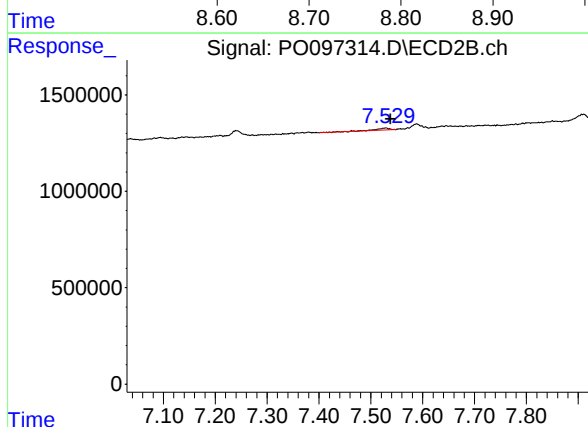
R.T.: 0.000 min
Exp R.T. : 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

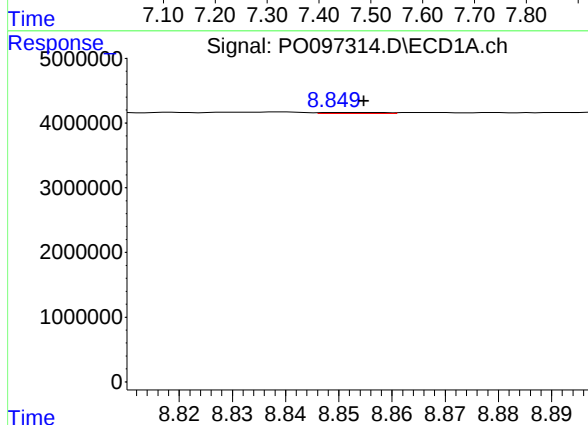
R.T.: 8.777 min
Delta R.T.: 0.021 min
Response: 963247
Conc: 3.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



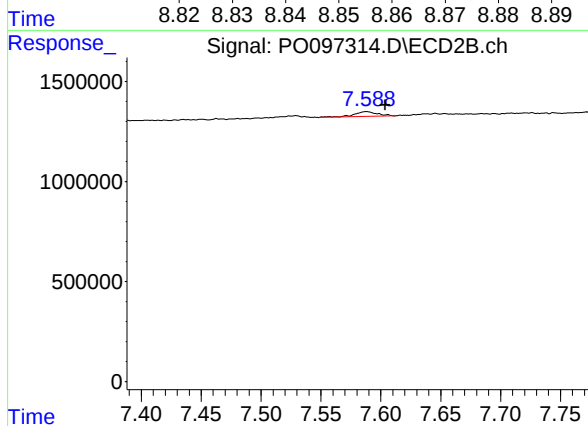
#41 AR-1268-1

R.T.: 7.528 min
Delta R.T.: -0.010 min
Response: 154905
Conc: 0.84 ng/ml



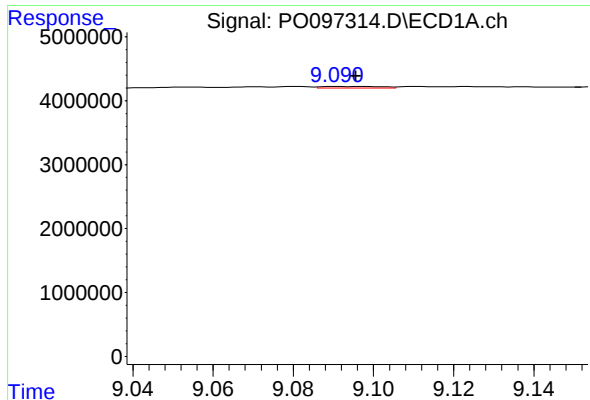
#42 AR-1268-2

R.T.: 8.850 min
Delta R.T.: -0.005 min
Response: 121953
Conc: 0.44 ng/ml



#42 AR-1268-2

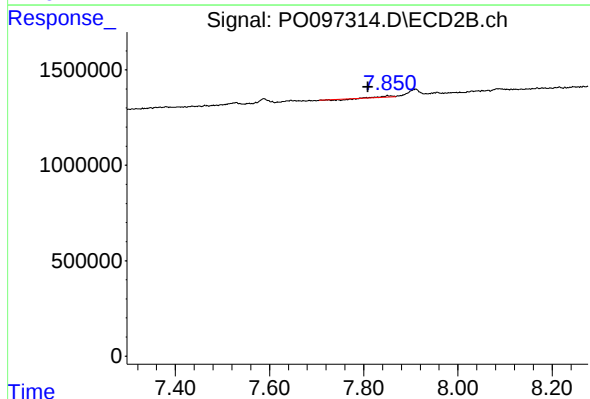
R.T.: 7.588 min
Delta R.T.: -0.016 min
Response: 323797
Conc: 1.93 ng/ml



#43 AR-1268-3

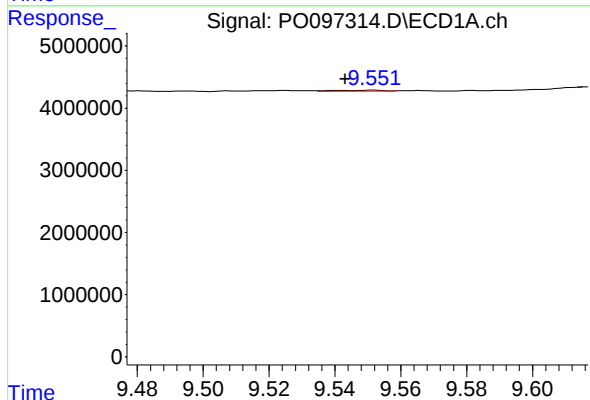
R.T.: 9.091 min
Delta R.T.: -0.005 min
Response: 241860
Conc: 0.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



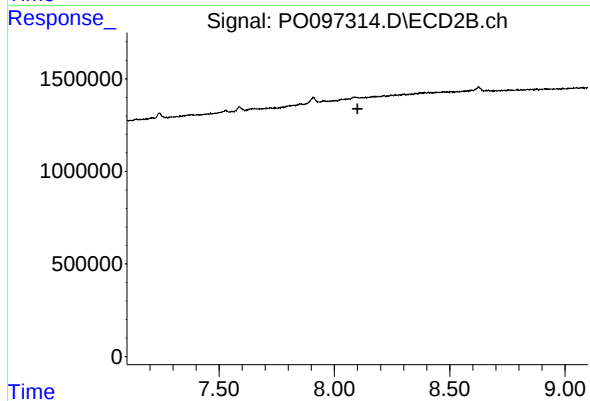
#43 AR-1268-3

R.T.: 7.851 min
Delta R.T.: 0.042 min
Response: 14860
Conc: 0.10 ng/ml



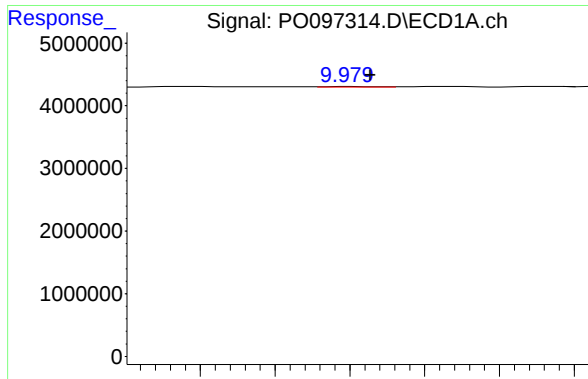
#44 AR-1268-4

R.T.: 9.551 min
Delta R.T.: 0.008 min
Response: 165223
Conc: 1.78 ng/ml



#44 AR-1268-4

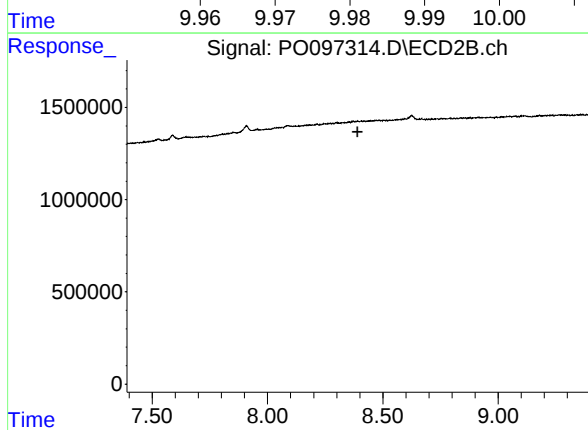
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.980 min
Delta R.T.: -0.002 min
Response: 36434
Conc: 0.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.390 min
Response: 0
Conc: N.D.