

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082123\
 Data File : P0097350.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2023 22:39
 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 22 01:55:35 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...	4.408	3.613	161.5E6	63876682	48.781	48.253
2) SA Decachlor...	10.342	8.624	114.6E6	54669112	52.376	47.254
Target Compounds						
3) L1 AR-1016-1	5.594	4.715	41145797	25770509	436.868	581.255 #
4) L1 AR-1016-2	5.616	4.715	58041056	25770509	433.873	421.288
5) L1 AR-1016-3	5.680	4.891	36538821	14234232	419.885	435.718
6) L1 AR-1016-4	5.780	4.934	28890525	11799277	430.108	412.759
7) L1 AR-1016-5	6.081	5.147	30701967	16699003	439.749	434.344
8) L2 AR-1221-1	4.616	3.825	5466897	2144986	134.140	123.580
9) L2 AR-1221-2	4.708	3.912	7959857	3068714	262.011	237.503
10) L2 AR-1221-3	4.784	3.987	26397679	11181618	301.579	281.695
11) L3 AR-1232-1	4.784	3.987	26397679	11181618	361.942	345.676
12) L3 AR-1232-2	5.321	4.715	35037922	25770509	883.771	893.180
13) L3 AR-1232-3	5.616	4.891	58041056	14234232	948.807	938.818
14) L3 AR-1232-4	5.780	4.975	28890525	15315767	946.801	1024.832
15) L3 AR-1232-5	5.873	5.147	27129593	16699003	969.496	1021.547
16) L4 AR-1242-1	5.594	4.715	41145797	25770509	490.901	653.660 #
17) L4 AR-1242-2	5.616	4.715	58041056	25770509	492.868	472.933
18) L4 AR-1242-3	5.680	4.891	36538821	14234232	494.620	481.397
19) L4 AR-1242-4	5.780	4.975	28890525	15315767	485.308	486.001
20) L4 AR-1242-5	6.534	5.499	28031582	17809907	509.482	488.797
21) L5 AR-1248-1	5.594	4.715	41145797	25770509	702.218	918.325 #
22) L5 AR-1248-2	5.873	4.934	27129593	11799277	288.559	278.410
23) L5 AR-1248-3	6.081	4.975	30701967	15315767	313.898	349.157
24) L5 AR-1248-4	6.494	5.147	27584975	16699003	303.654	327.111
25) L5 AR-1248-5	6.534	5.540	28031582	15215692	318.230	325.456
26) L6 AR-1254-1	6.465	5.499	20474650	17809907	187.341	241.339 #
27) L6 AR-1254-2	6.695	5.648	24254364	5270412	150.436	80.000 #
28) L6 AR-1254-3	7.068	6.052	10497010	5615978	66.989	55.569
29) L6 AR-1254-4	7.362	6.282	7239472	4300876	71.807	74.313
30) L6 AR-1254-5	7.793	6.700	1593328	1470646	14.199	16.728
31) L7 AR-1260-1	7.242	6.196	2120183	1986186	16.869	28.226 #
32) L7 AR-1260-2	7.500	6.371	1479842	722445	10.983	8.656
33) L7 AR-1260-3	7.897	6.521	1019783	808568	9.827	10.471
34) L7 AR-1260-4	8.089	6.998	1123939	51060	10.053	0.797 #
35) L7 AR-1260-5	8.430	7.219f	264562	424832	1.260	3.064 #
36) L8 AR-1262-1	7.897	6.808	1019783	173815	6.866	4.415 #
37) L8 AR-1262-2	8.430	6.998	264562	51060	1.143	0.630 #
38) L8 AR-1262-3	8.736	7.587f	34560	540084	0.207	8.416 #
39) L8 AR-1262-4	8.840	7.611	234115	33171	3.211	0.292 #
40) L8 AR-1262-5	9.545	0.000	114136	0	1.371	N.D. #
41) L9 AR-1268-1	8.736	7.587f	34560	540084	0.112	2.915 #

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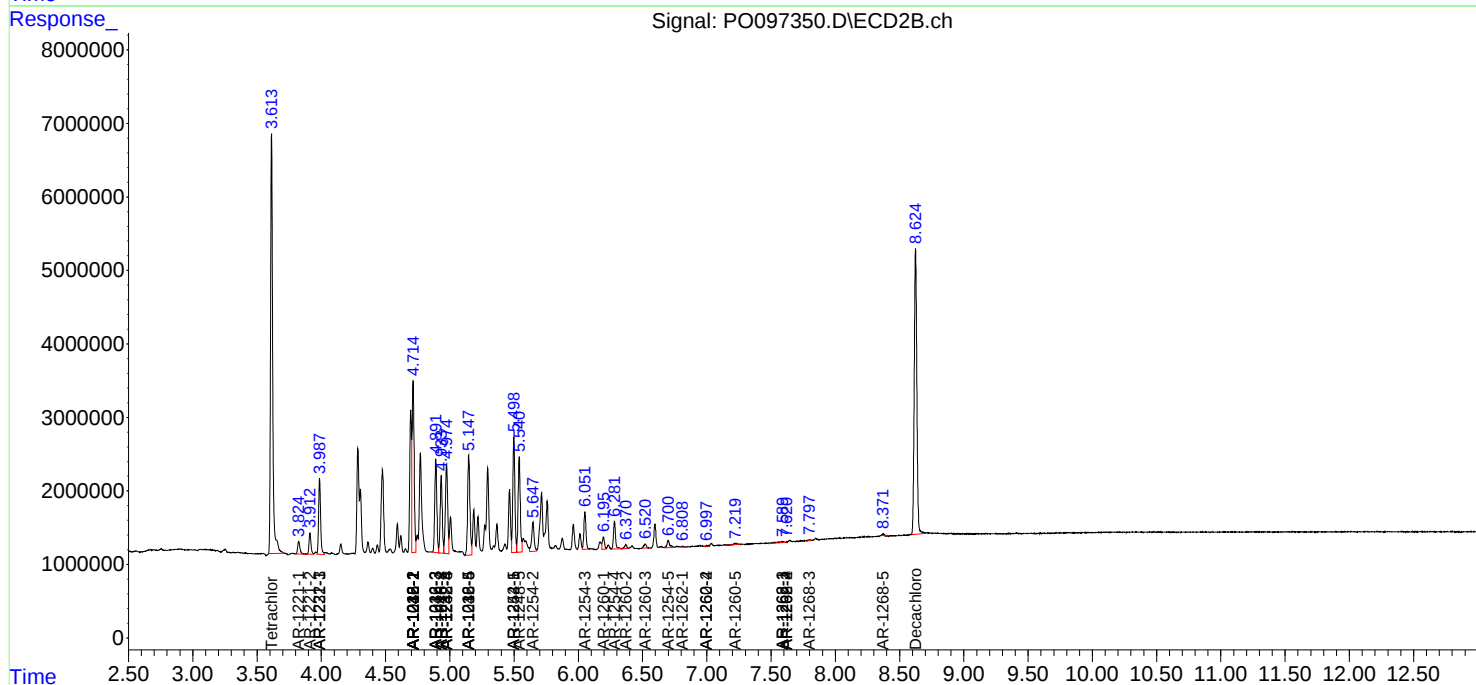
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

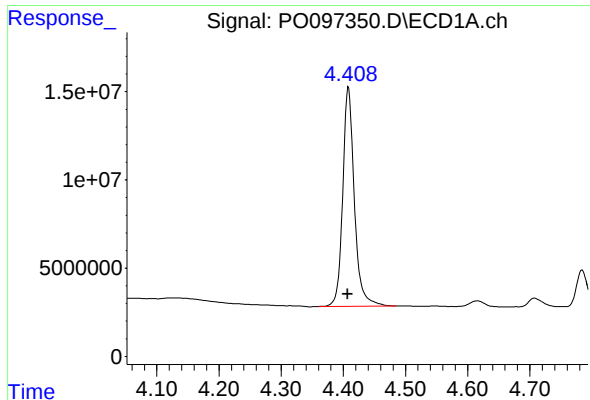
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.840	7.611	234115	33171	0.854	0.198 #
43) L9	AR-1268-3	9.101	7.797	664489	194177	2.602	1.344 #
44) L9	AR-1268-4	9.545	0.000	114136	0	1.231	N.D. #
45) L9	AR-1268-5	9.990	8.373	618788	249692	0.766	0.600

(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





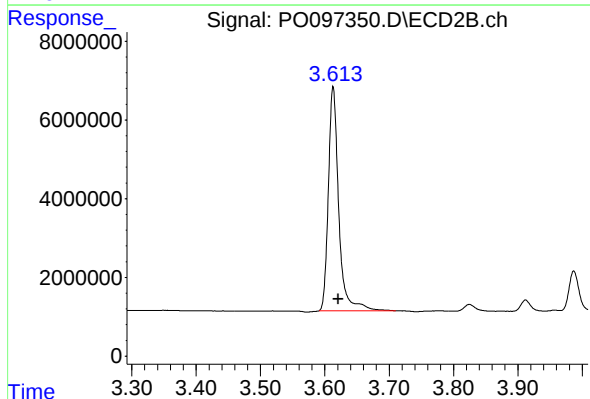
#1 Tetrachloro-m-xylene

R.T.: 4.408 min
Delta R.T.: 0.001 min
Response: 161475298
Conc: 48.78 ng/ml

Instrument :

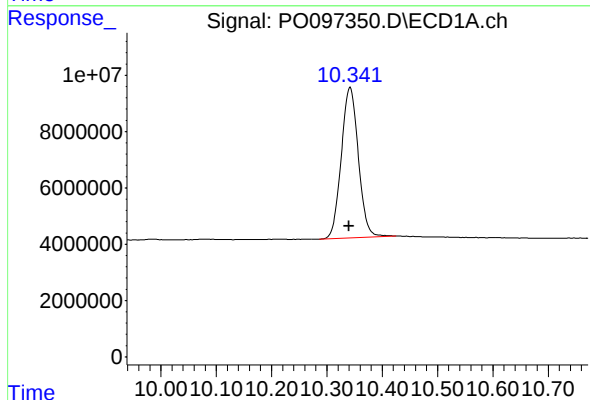
ECD_O

ClientSampleId :



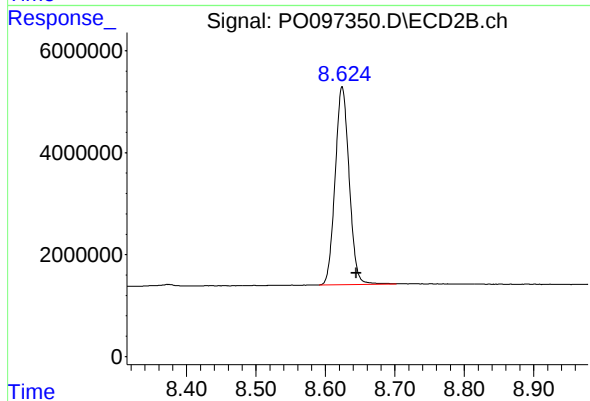
#1 Tetrachloro-m-xylene

R.T.: 3.613 min
Delta R.T.: -0.008 min
Response: 63876682
Conc: 48.25 ng/ml



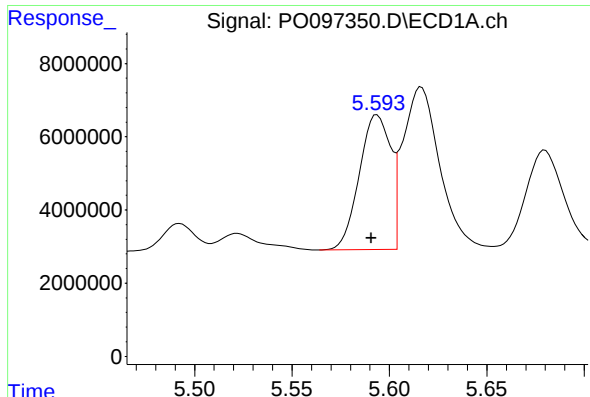
#2 Decachlorobiphenyl

R.T.: 10.342 min
Delta R.T.: 0.002 min
Response: 114608253
Conc: 52.38 ng/ml



#2 Decachlorobiphenyl

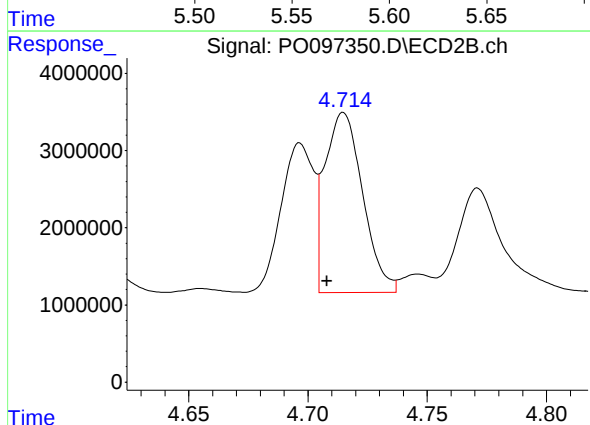
R.T.: 8.624 min
Delta R.T.: -0.020 min
Response: 54669112
Conc: 47.25 ng/ml



#3 AR-1016-1

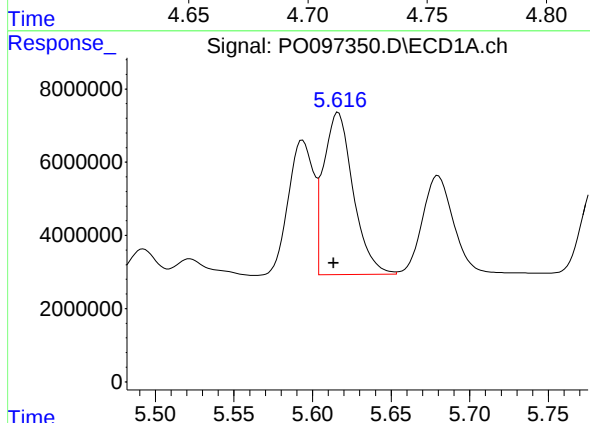
R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 41145797
Conc: 436.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



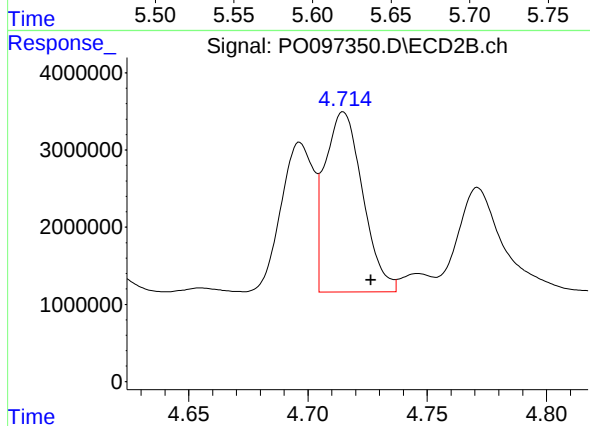
#3 AR-1016-1

R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 25770509
Conc: 581.25 ng/ml



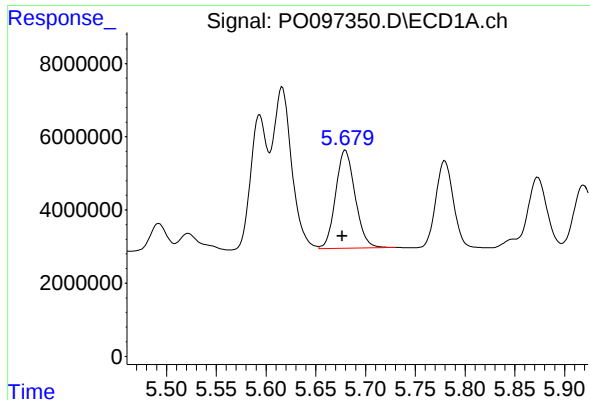
#4 AR-1016-2

R.T.: 5.616 min
Delta R.T.: 0.003 min
Response: 58041056
Conc: 433.87 ng/ml



#4 AR-1016-2

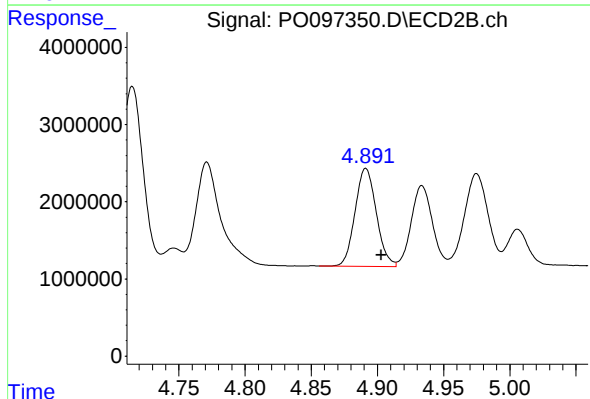
R.T.: 4.715 min
Delta R.T.: -0.012 min
Response: 25770509
Conc: 421.29 ng/ml



#5 AR-1016-3

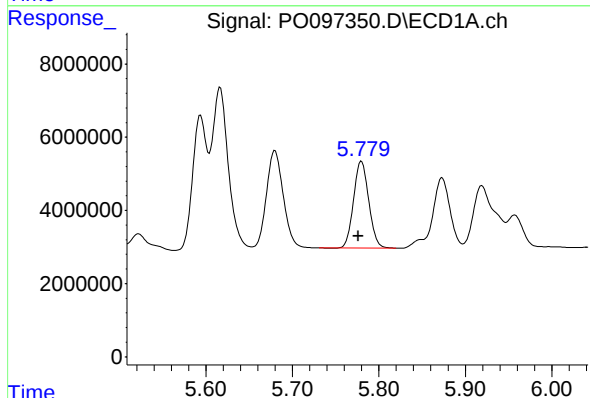
R.T.: 5.680 min
Delta R.T.: 0.003 min
Response: 36538821
Conc: 419.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



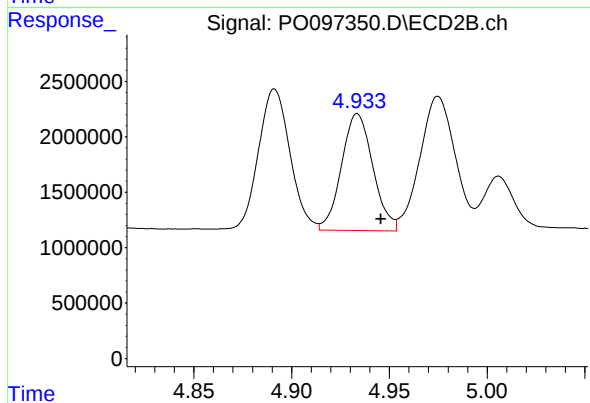
#5 AR-1016-3

R.T.: 4.891 min
Delta R.T.: -0.012 min
Response: 14234232
Conc: 435.72 ng/ml



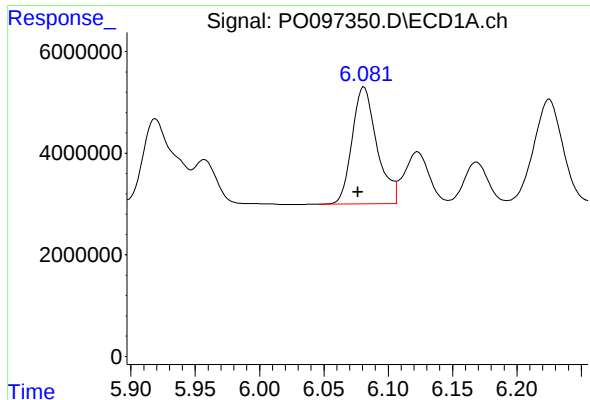
#6 AR-1016-4

R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 28890525
Conc: 430.11 ng/ml



#6 AR-1016-4

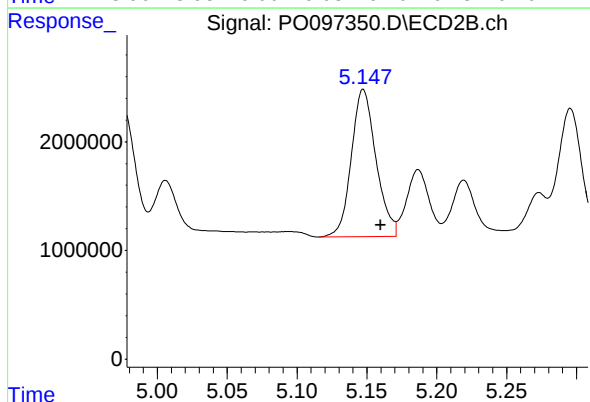
R.T.: 4.934 min
Delta R.T.: -0.012 min
Response: 11799277
Conc: 412.76 ng/ml



#7 AR-1016-5

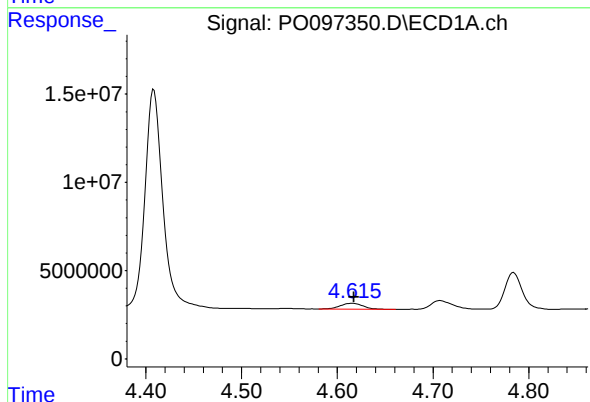
R.T.: 6.081 min
Delta R.T.: 0.005 min
Response: 30701967
Conc: 439.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



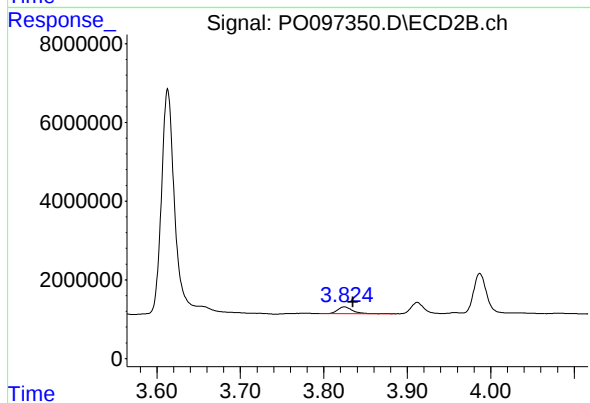
#7 AR-1016-5

R.T.: 5.147 min
Delta R.T.: -0.012 min
Response: 16699003
Conc: 434.34 ng/ml



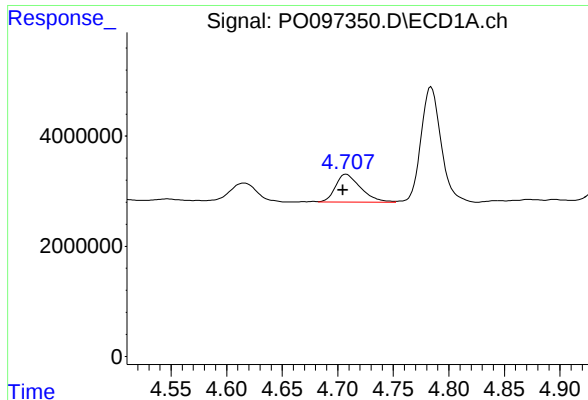
#8 AR-1221-1

R.T.: 4.616 min
Delta R.T.: -0.001 min
Response: 5466897
Conc: 134.14 ng/ml



#8 AR-1221-1

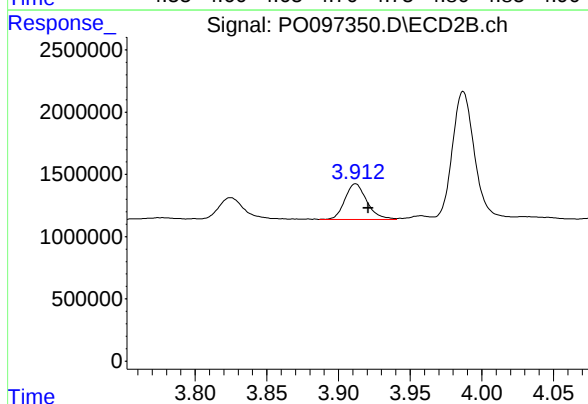
R.T.: 3.825 min
Delta R.T.: -0.010 min
Response: 2144986
Conc: 123.58 ng/ml



#9 AR-1221-2

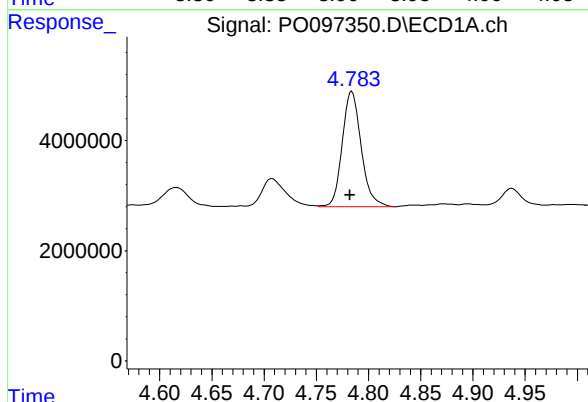
R.T.: 4.708 min
Delta R.T.: 0.003 min
Response: 7959857
Conc: 262.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



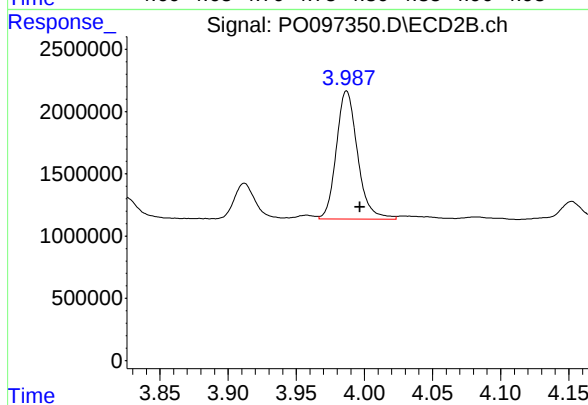
#9 AR-1221-2

R.T.: 3.912 min
Delta R.T.: -0.009 min
Response: 3068714
Conc: 237.50 ng/ml



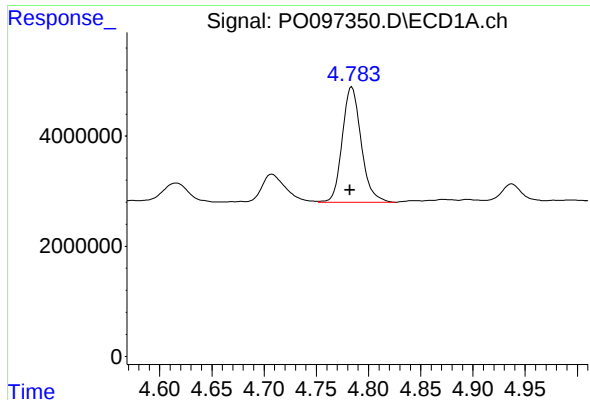
#10 AR-1221-3

R.T.: 4.784 min
Delta R.T.: 0.002 min
Response: 26397679
Conc: 301.58 ng/ml



#10 AR-1221-3

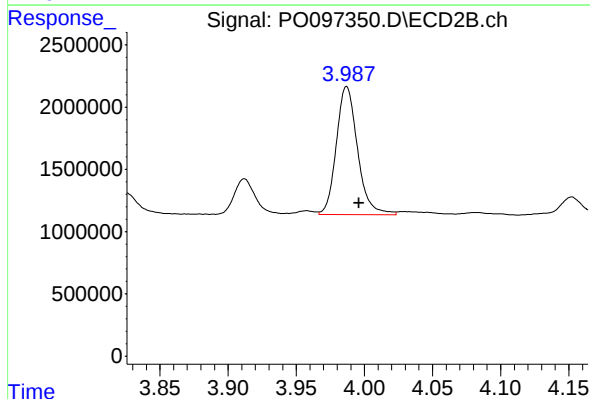
R.T.: 3.987 min
Delta R.T.: -0.010 min
Response: 11181618
Conc: 281.70 ng/ml



#11 AR-1232-1

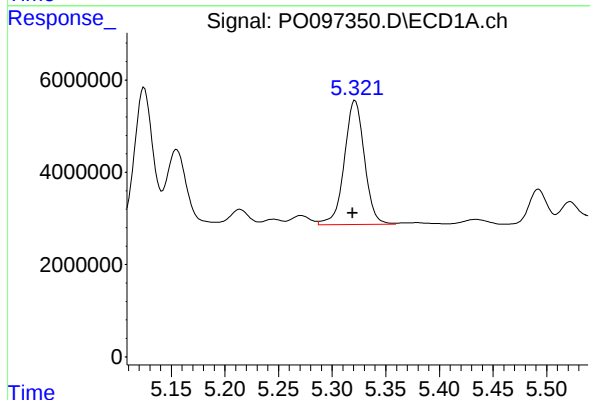
R.T.: 4.784 min
Delta R.T.: 0.002 min
Response: 26397679
Conc: 361.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



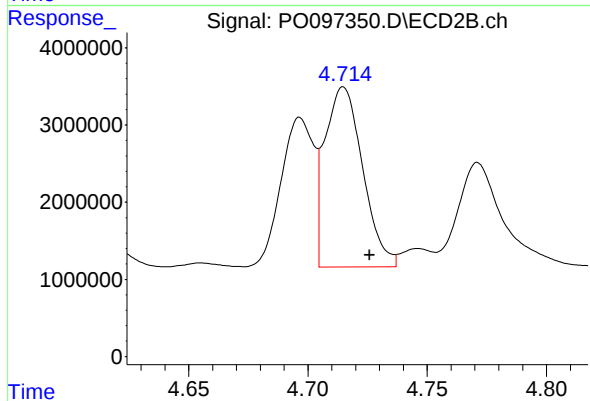
#11 AR-1232-1

R.T.: 3.987 min
Delta R.T.: -0.009 min
Response: 11181618
Conc: 345.68 ng/ml



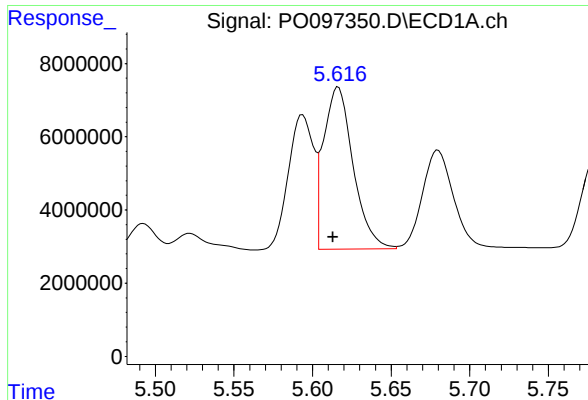
#12 AR-1232-2

R.T.: 5.321 min
Delta R.T.: 0.002 min
Response: 35037922
Conc: 883.77 ng/ml



#12 AR-1232-2

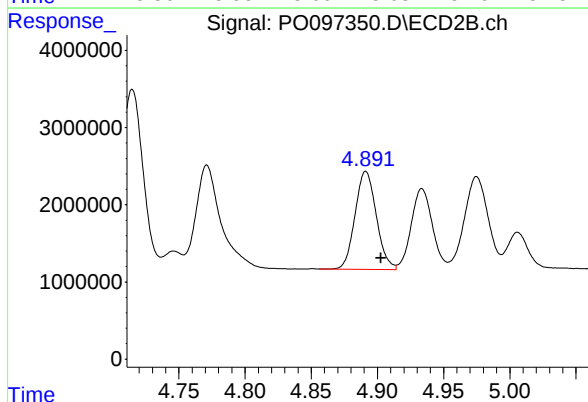
R.T.: 4.715 min
Delta R.T.: -0.011 min
Response: 25770509
Conc: 893.18 ng/ml



#13 AR-1232-3

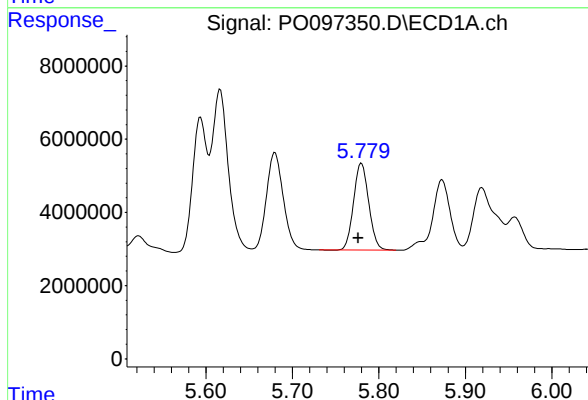
R.T.: 5.616 min
Delta R.T.: 0.003 min
Response: 58041056
Conc: 948.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



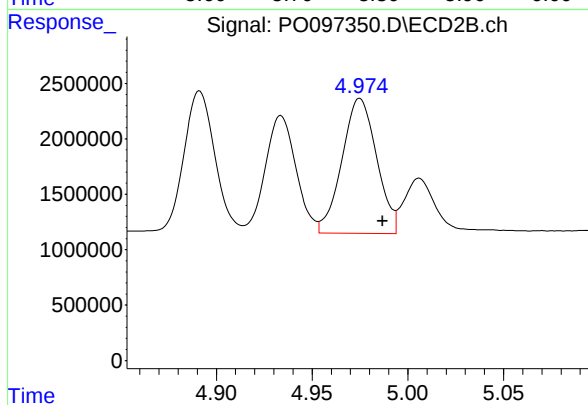
#13 AR-1232-3

R.T.: 4.891 min
Delta R.T.: -0.011 min
Response: 14234232
Conc: 938.82 ng/ml



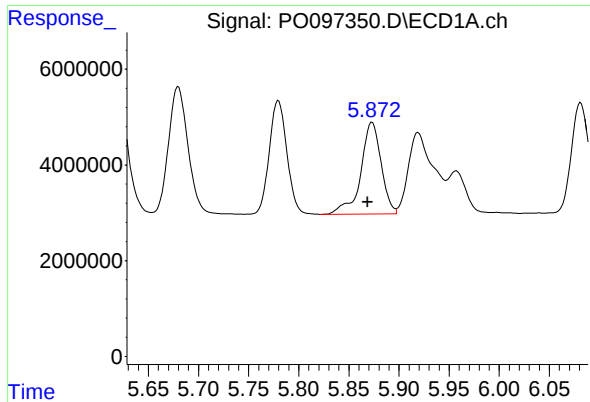
#14 AR-1232-4

R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 28890525
Conc: 946.80 ng/ml



#14 AR-1232-4

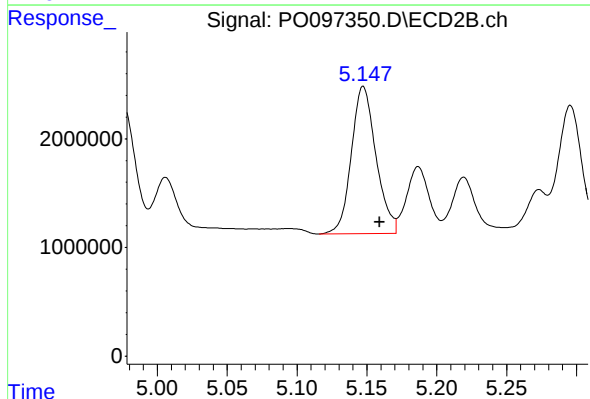
R.T.: 4.975 min
Delta R.T.: -0.012 min
Response: 15315767
Conc: 1024.83 ng/ml



#15 AR-1232-5

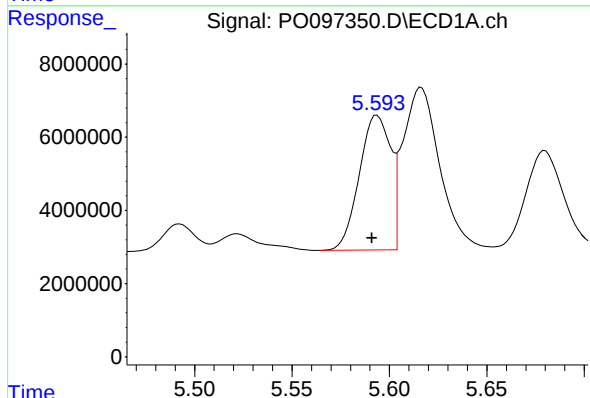
R.T.: 5.873 min
Delta R.T.: 0.004 min
Response: 27129593
Conc: 969.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



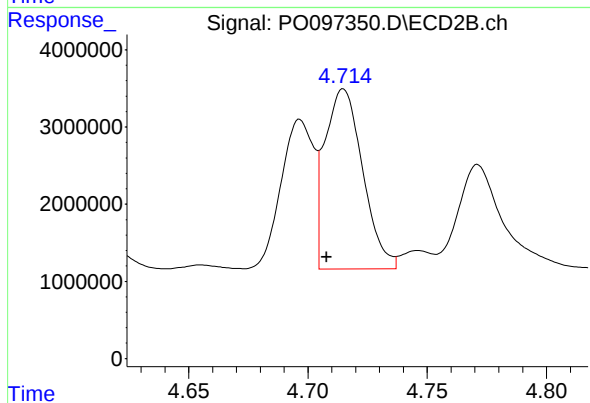
#15 AR-1232-5

R.T.: 5.147 min
Delta R.T.: -0.012 min
Response: 16699003
Conc: 1021.55 ng/ml



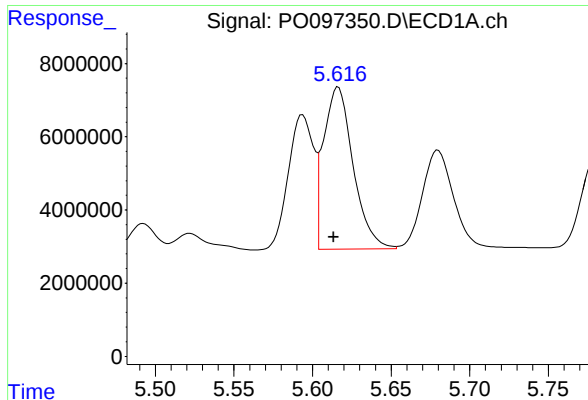
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 41145797
Conc: 490.90 ng/ml



#16 AR-1242-1

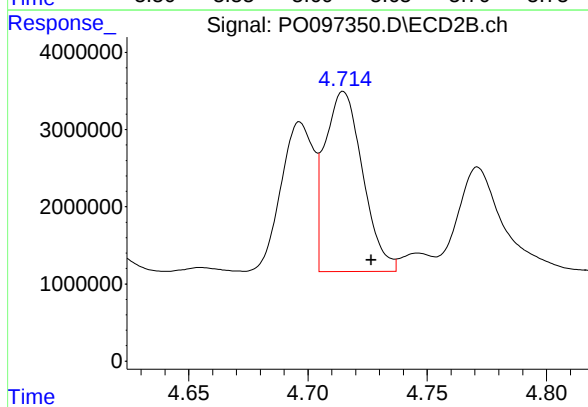
R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 25770509
Conc: 653.66 ng/ml



#17 AR-1242-2

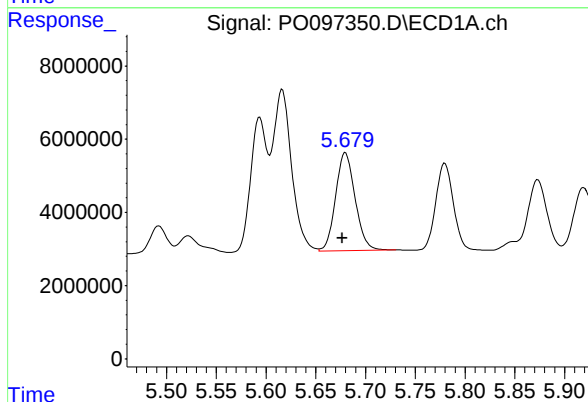
R.T.: 5.616 min
Delta R.T.: 0.003 min
Response: 58041056
Conc: 492.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



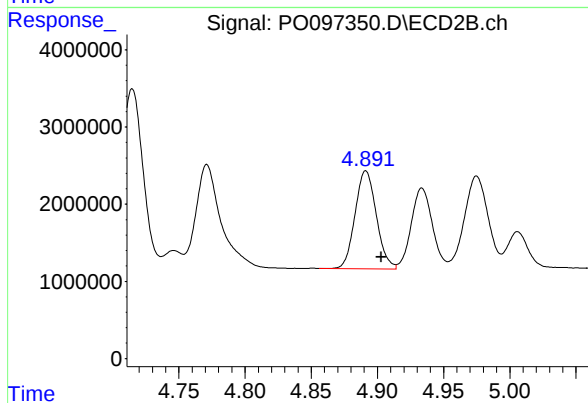
#17 AR-1242-2

R.T.: 4.715 min
Delta R.T.: -0.012 min
Response: 25770509
Conc: 472.93 ng/ml



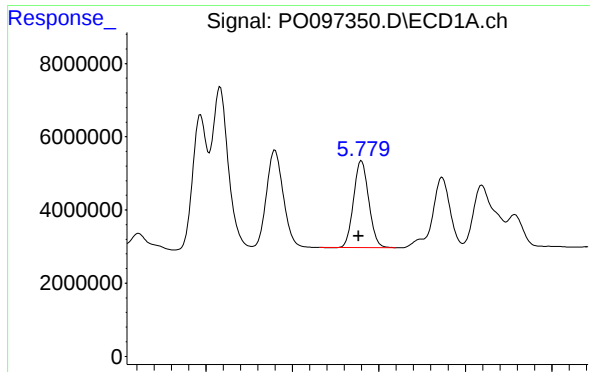
#18 AR-1242-3

R.T.: 5.680 min
Delta R.T.: 0.003 min
Response: 36538821
Conc: 494.62 ng/ml



#18 AR-1242-3

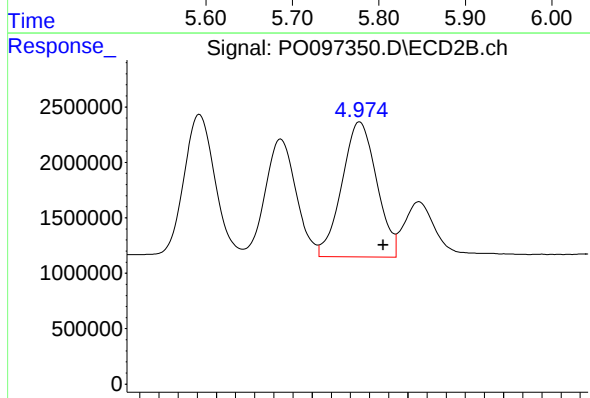
R.T.: 4.891 min
Delta R.T.: -0.012 min
Response: 14234232
Conc: 481.40 ng/ml



#19 AR-1242-4

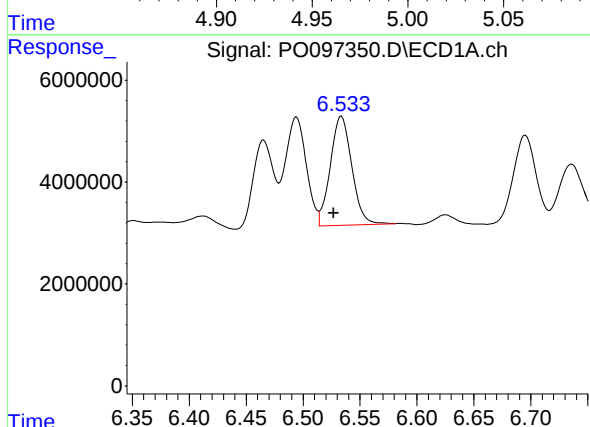
R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 28890525
Conc: 485.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



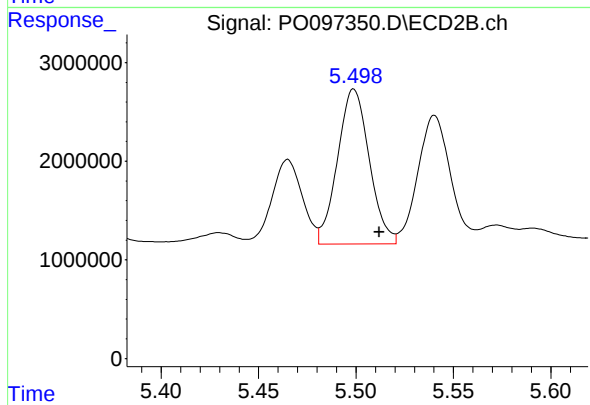
#19 AR-1242-4

R.T.: 4.975 min
Delta R.T.: -0.012 min
Response: 15315767
Conc: 486.00 ng/ml



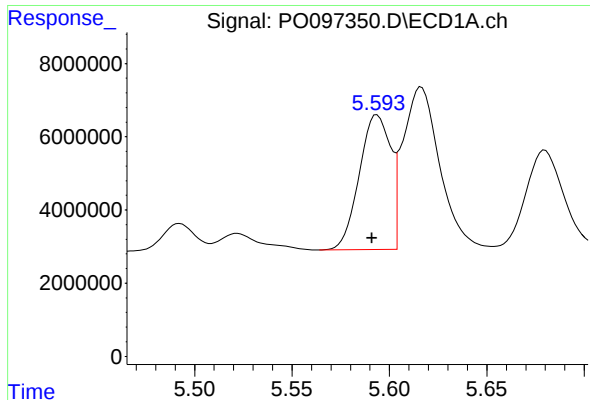
#20 AR-1242-5

R.T.: 6.534 min
Delta R.T.: 0.007 min
Response: 28031582
Conc: 509.48 ng/ml



#20 AR-1242-5

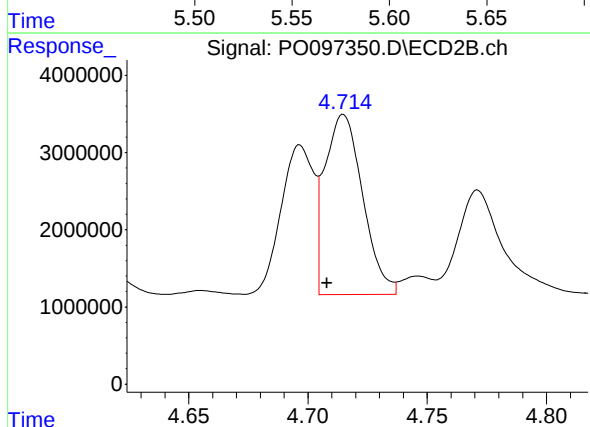
R.T.: 5.499 min
Delta R.T.: -0.013 min
Response: 17809907
Conc: 488.80 ng/ml



#21 AR-1248-1

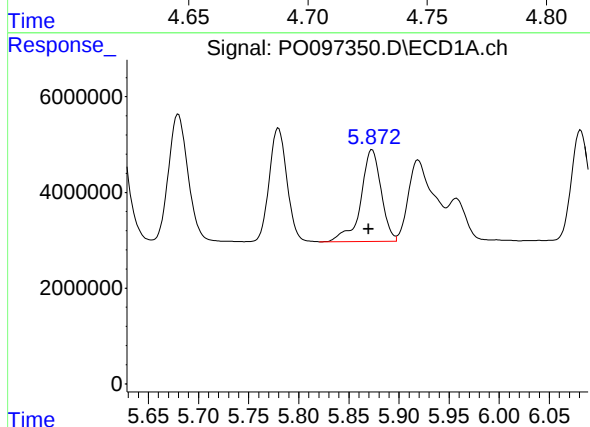
R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 41145797
Conc: 702.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



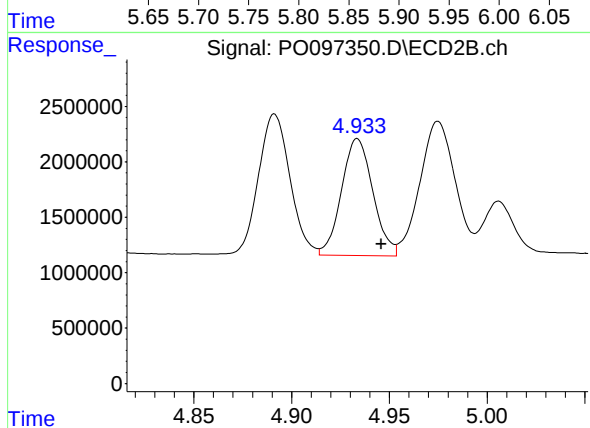
#21 AR-1248-1

R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 25770509
Conc: 918.32 ng/ml



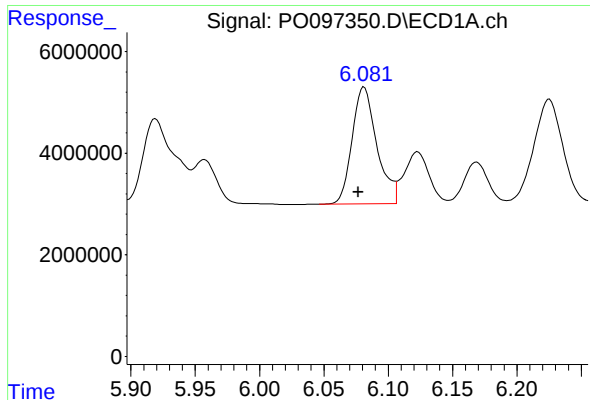
#22 AR-1248-2

R.T.: 5.873 min
Delta R.T.: 0.003 min
Response: 27129593
Conc: 288.56 ng/ml



#22 AR-1248-2

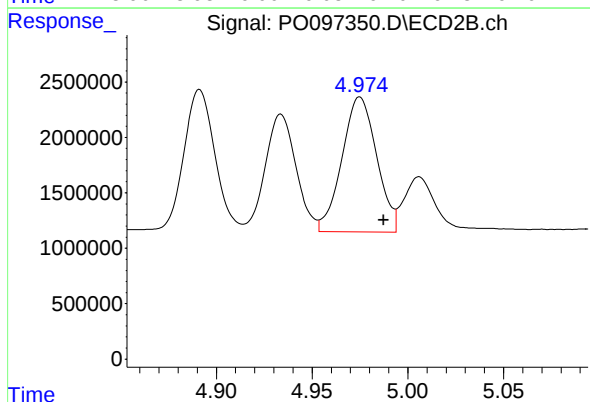
R.T.: 4.934 min
Delta R.T.: -0.012 min
Response: 11799277
Conc: 278.41 ng/ml



#23 AR-1248-3

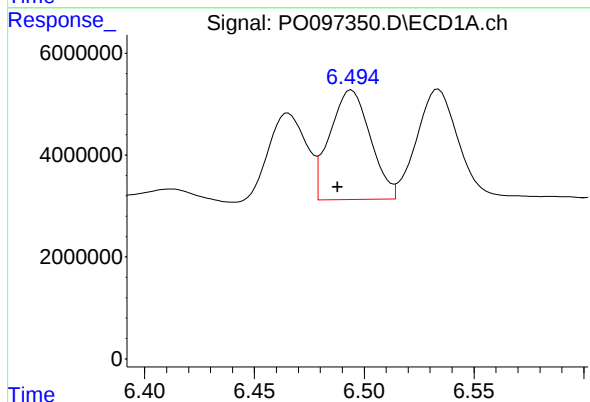
R.T.: 6.081 min
Delta R.T.: 0.004 min
Response: 30701967
Conc: 313.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



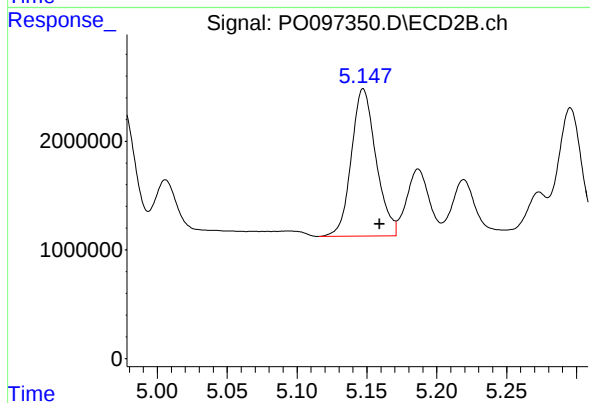
#23 AR-1248-3

R.T.: 4.975 min
Delta R.T.: -0.013 min
Response: 15315767
Conc: 349.16 ng/ml



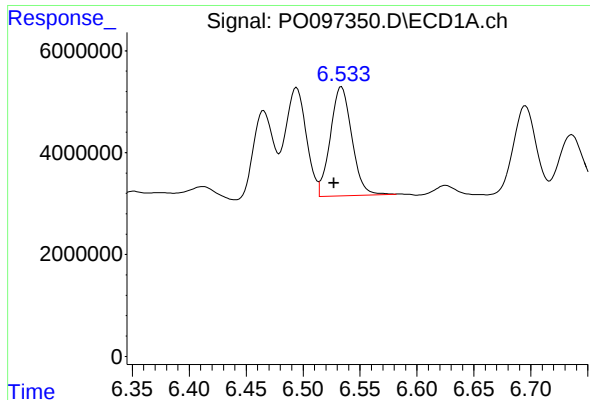
#24 AR-1248-4

R.T.: 6.494 min
Delta R.T.: 0.006 min
Response: 27584975
Conc: 303.65 ng/ml



#24 AR-1248-4

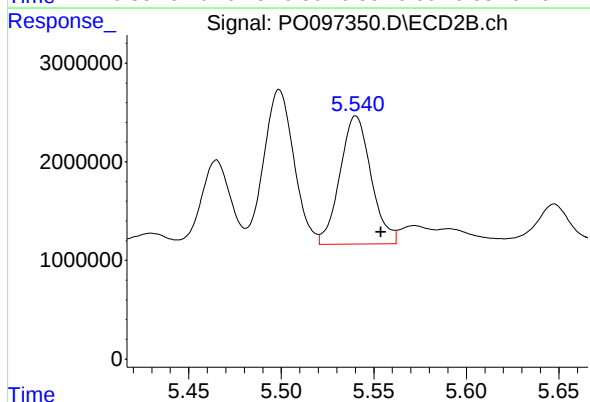
R.T.: 5.147 min
Delta R.T.: -0.012 min
Response: 16699003
Conc: 327.11 ng/ml



#25 AR-1248-5

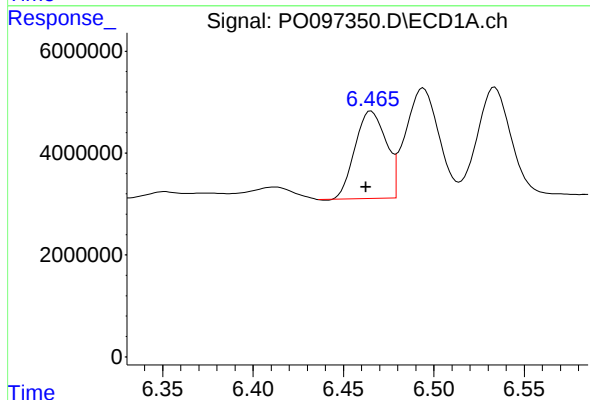
R.T.: 6.534 min
Delta R.T.: 0.007 min
Response: 28031582
Conc: 318.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



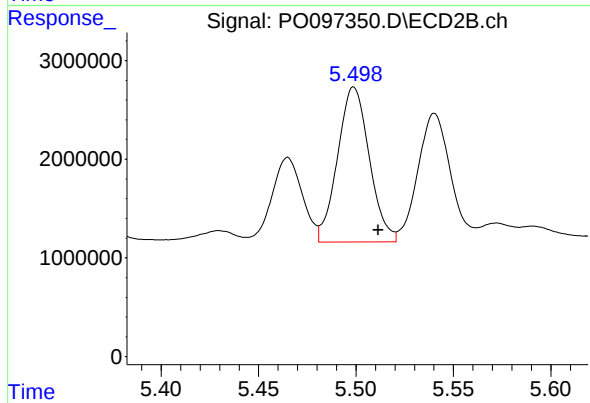
#25 AR-1248-5

R.T.: 5.540 min
Delta R.T.: -0.013 min
Response: 15215692
Conc: 325.46 ng/ml



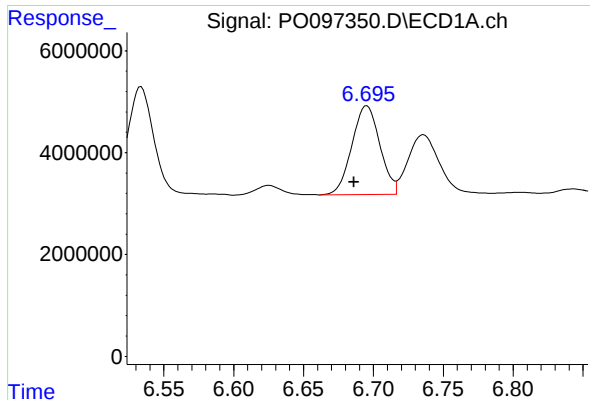
#26 AR-1254-1

R.T.: 6.465 min
Delta R.T.: 0.003 min
Response: 20474650
Conc: 187.34 ng/ml



#26 AR-1254-1

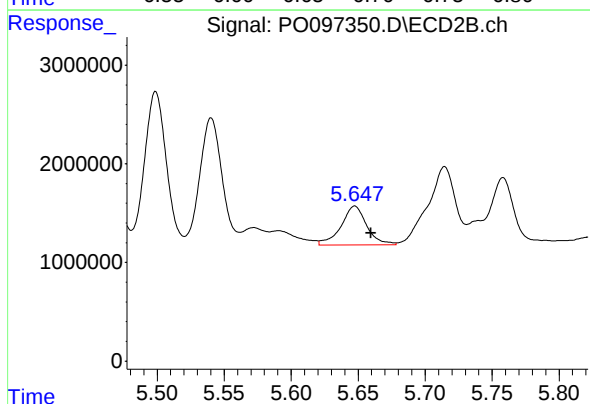
R.T.: 5.499 min
Delta R.T.: -0.013 min
Response: 17809907
Conc: 241.34 ng/ml



#27 AR-1254-2

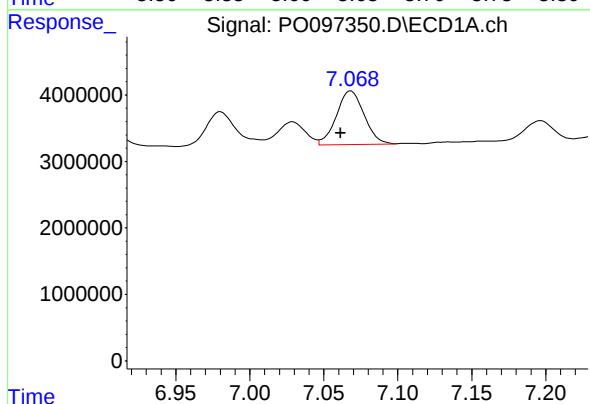
R.T.: 6.695 min
Delta R.T.: 0.009 min
Response: 24254364
Conc: 150.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



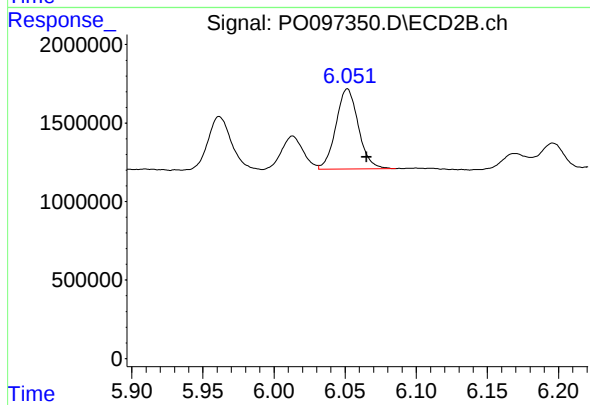
#27 AR-1254-2

R.T.: 5.648 min
Delta R.T.: -0.012 min
Response: 5270412
Conc: 80.00 ng/ml



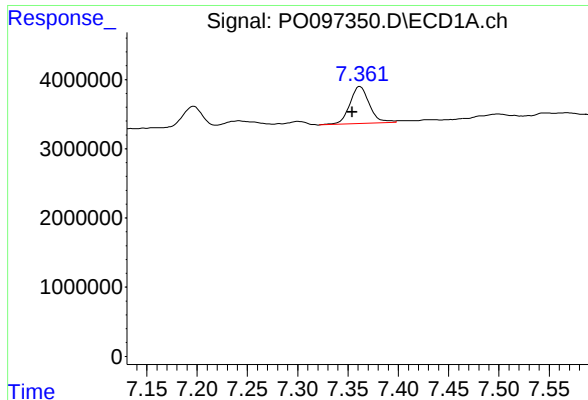
#28 AR-1254-3

R.T.: 7.068 min
Delta R.T.: 0.007 min
Response: 10497010
Conc: 66.99 ng/ml



#28 AR-1254-3

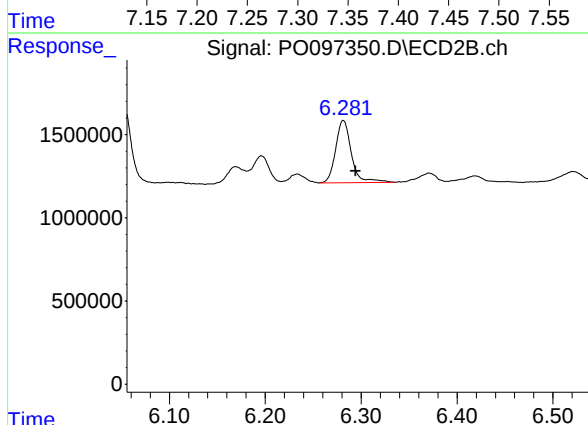
R.T.: 6.052 min
Delta R.T.: -0.014 min
Response: 5615978
Conc: 55.57 ng/ml



#29 AR-1254-4

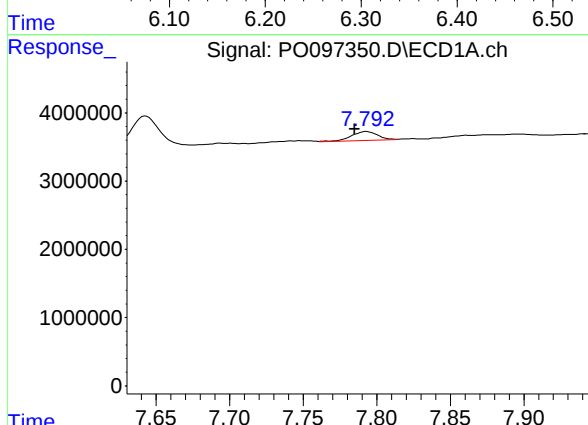
R.T.: 7.362 min
Delta R.T.: 0.008 min
Response: 7239472
Conc: 71.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



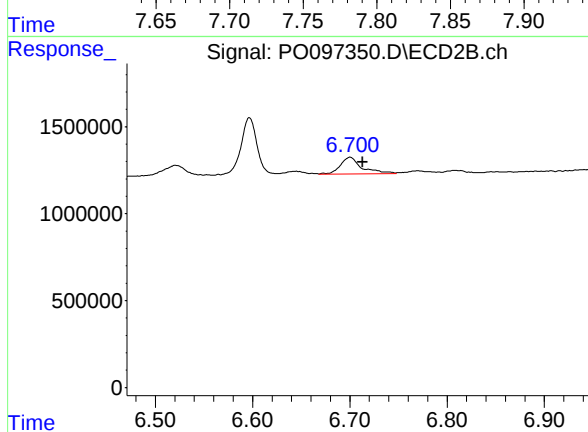
#29 AR-1254-4

R.T.: 6.282 min
Delta R.T.: -0.013 min
Response: 4300876
Conc: 74.31 ng/ml



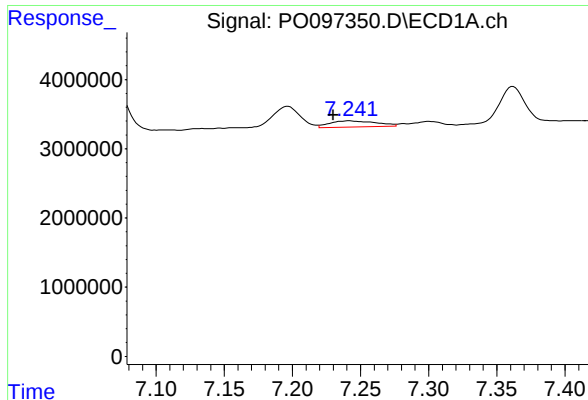
#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.008 min
Response: 1593328
Conc: 14.20 ng/ml



#30 AR-1254-5

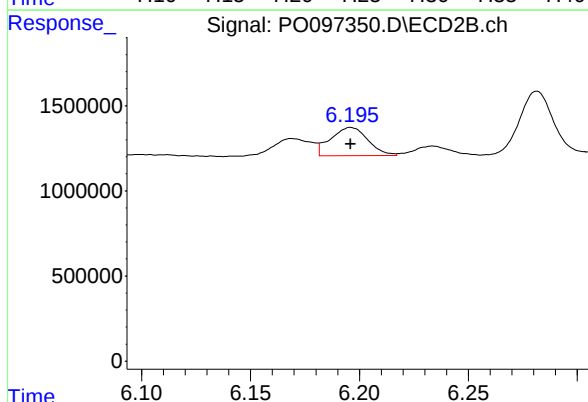
R.T.: 6.700 min
Delta R.T.: -0.013 min
Response: 1470646
Conc: 16.73 ng/ml



#31 AR-1260-1

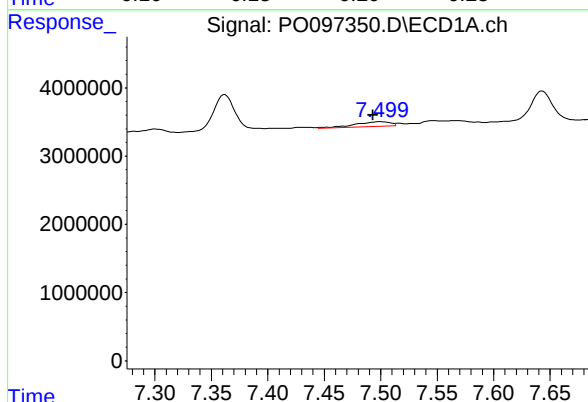
R.T.: 7.242 min
Delta R.T.: 0.012 min
Response: 2120183
Conc: 16.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



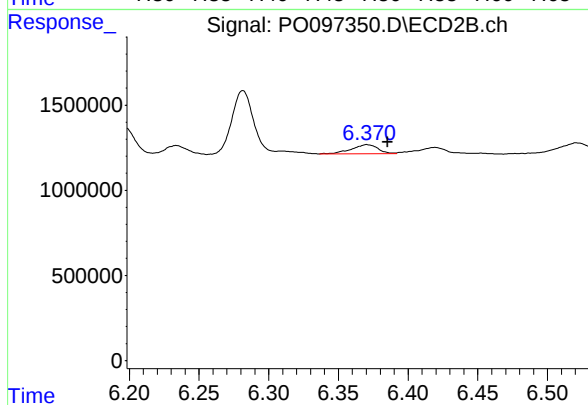
#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 1986186
Conc: 28.23 ng/ml



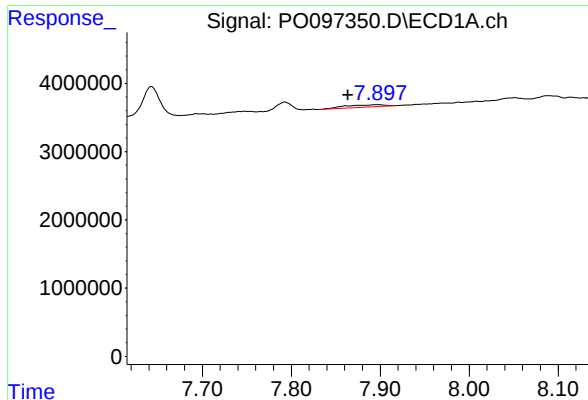
#32 AR-1260-2

R.T.: 7.500 min
Delta R.T.: 0.006 min
Response: 1479842
Conc: 10.98 ng/ml



#32 AR-1260-2

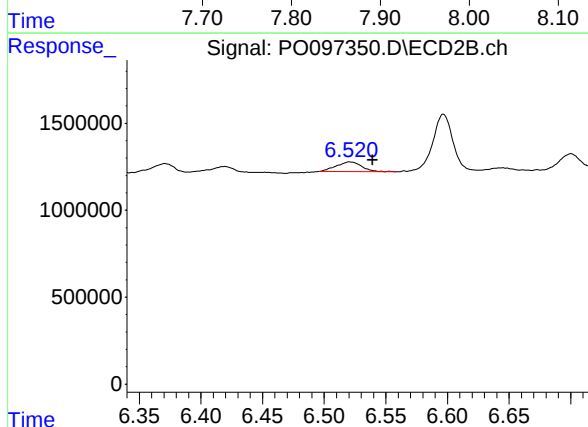
R.T.: 6.371 min
Delta R.T.: -0.014 min
Response: 722445
Conc: 8.66 ng/ml



#33 AR-1260-3

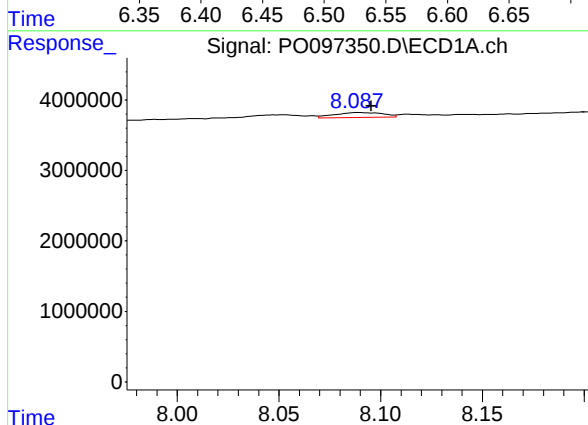
R.T.: 7.897 min
Delta R.T.: 0.034 min
Response: 1019783
Conc: 9.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



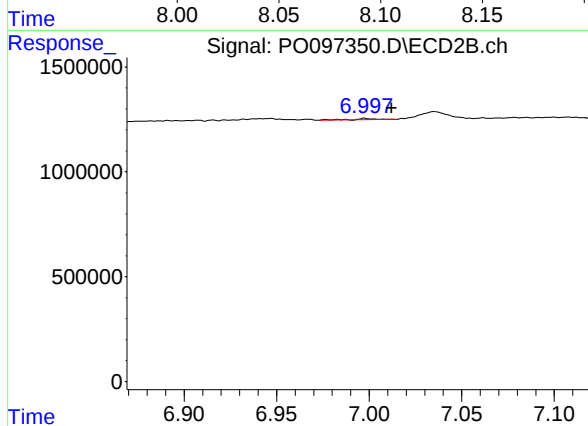
#33 AR-1260-3

R.T.: 6.521 min
Delta R.T.: -0.018 min
Response: 808568
Conc: 10.47 ng/ml



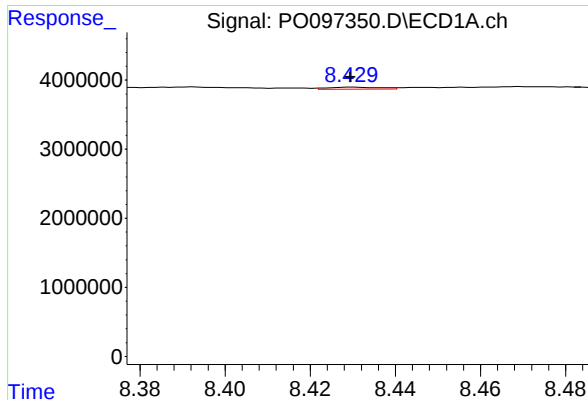
#34 AR-1260-4

R.T.: 8.089 min
Delta R.T.: -0.006 min
Response: 1123939
Conc: 10.05 ng/ml



#34 AR-1260-4

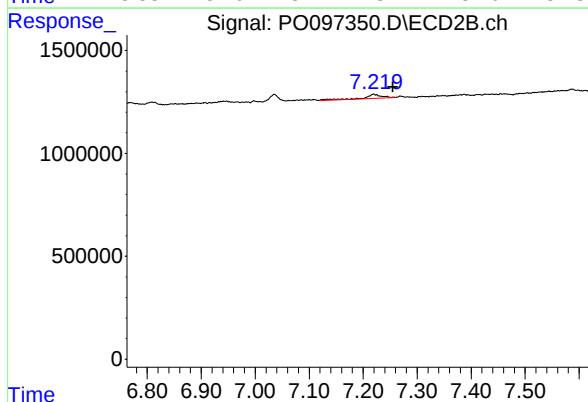
R.T.: 6.998 min
Delta R.T.: -0.014 min
Response: 51060
Conc: 0.80 ng/ml



#35 AR-1260-5

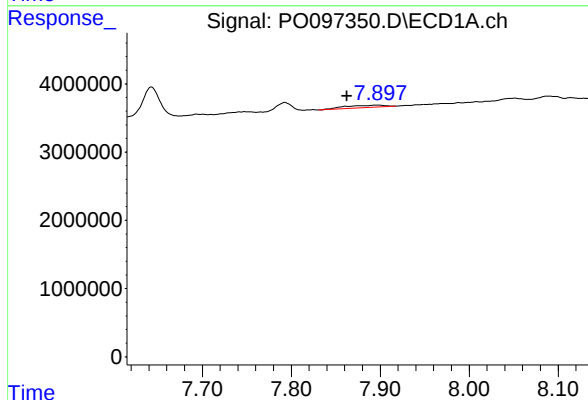
R.T.: 8.430 min
Delta R.T.: 0.000 min
Response: 264562
Conc: 1.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



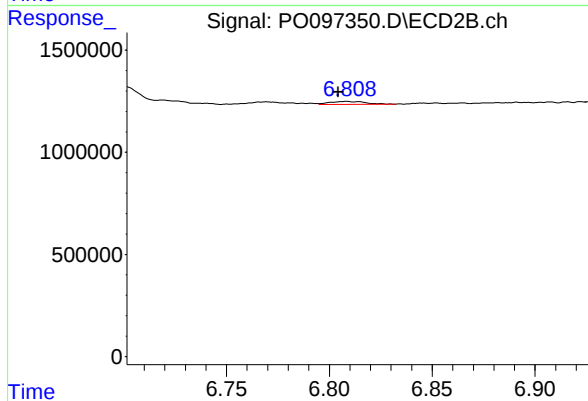
#35 AR-1260-5

R.T.: 7.219 min
Delta R.T.: -0.036 min
Response: 424832
Conc: 3.06 ng/ml



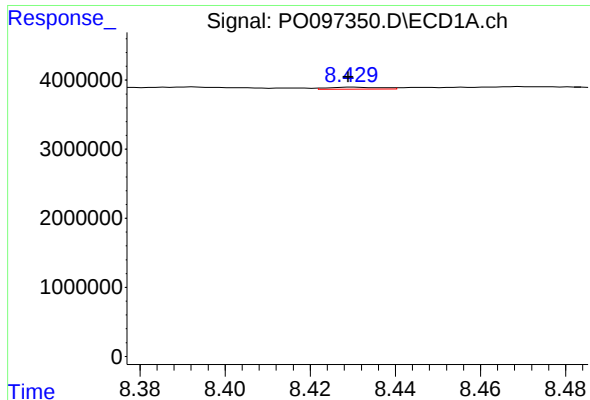
#36 AR-1262-1

R.T.: 7.897 min
Delta R.T.: 0.035 min
Response: 1019783
Conc: 6.87 ng/ml



#36 AR-1262-1

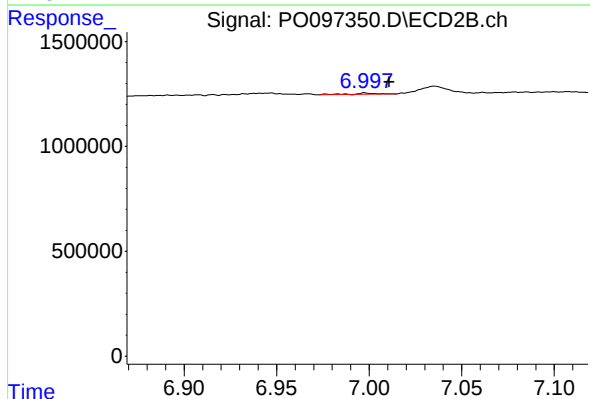
R.T.: 6.808 min
Delta R.T.: 0.004 min
Response: 173815
Conc: 4.42 ng/ml



#37 AR-1262-2

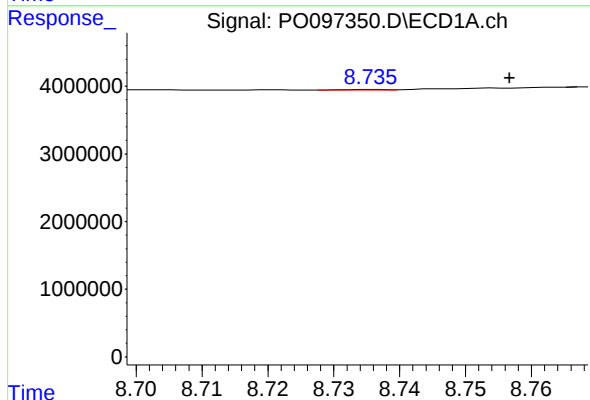
R.T.: 8.430 min
Delta R.T.: 0.001 min
Response: 264562
Conc: 1.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



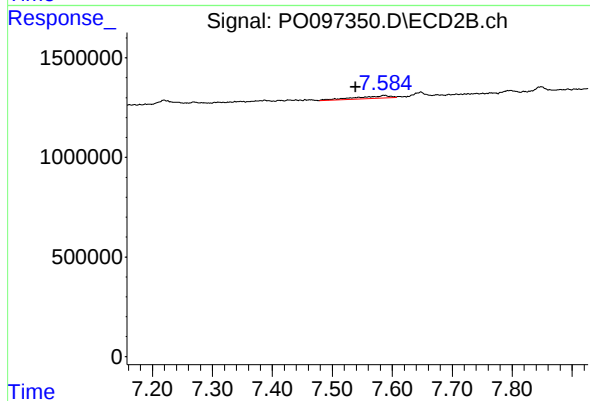
#37 AR-1262-2

R.T.: 6.998 min
Delta R.T.: -0.013 min
Response: 51060
Conc: 0.63 ng/ml



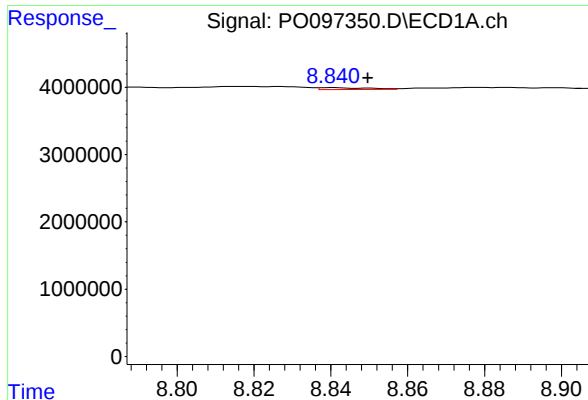
#38 AR-1262-3

R.T.: 8.736 min
Delta R.T.: -0.021 min
Response: 34560
Conc: 0.21 ng/ml



#38 AR-1262-3

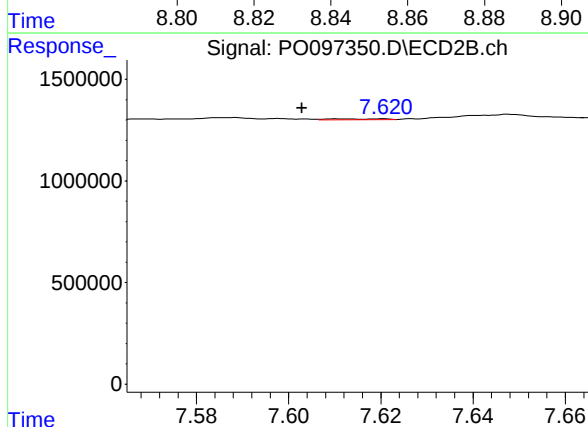
R.T.: 7.587 min
Delta R.T.: 0.048 min
Response: 540084
Conc: 8.42 ng/ml



#39 AR-1262-4

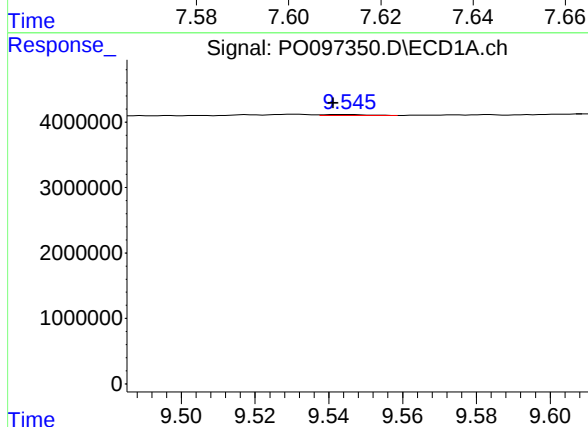
R.T.: 8.840 min
Delta R.T.: -0.009 min
Response: 234115
Conc: 3.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



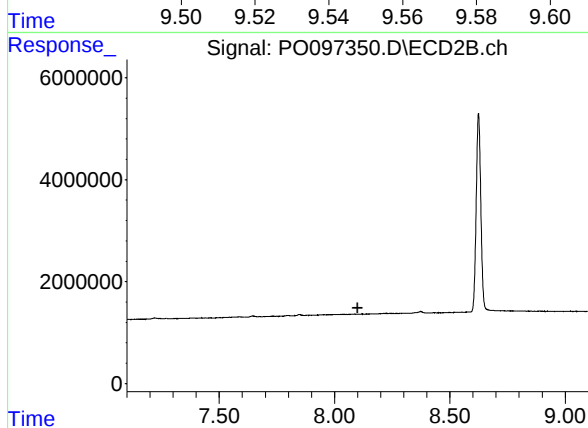
#39 AR-1262-4

R.T.: 7.611 min
Delta R.T.: 0.008 min
Response: 33171
Conc: 0.29 ng/ml



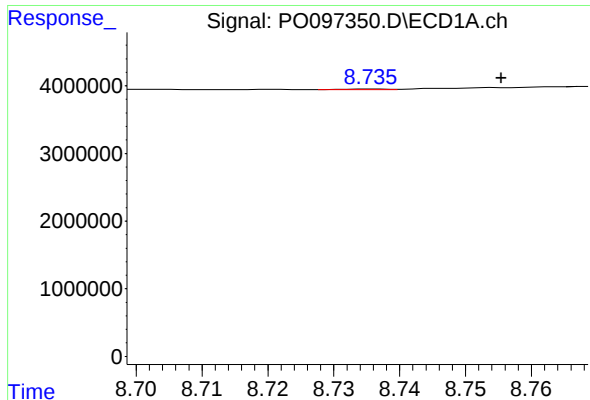
#40 AR-1262-5

R.T.: 9.545 min
Delta R.T.: 0.004 min
Response: 114136
Conc: 1.37 ng/ml



#40 AR-1262-5

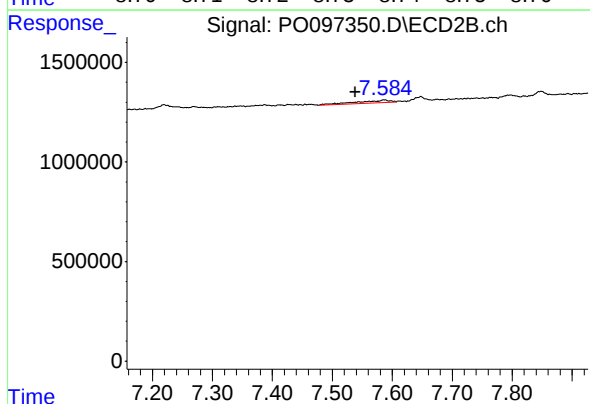
R.T.: 0.000 min
Exp R.T.: 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

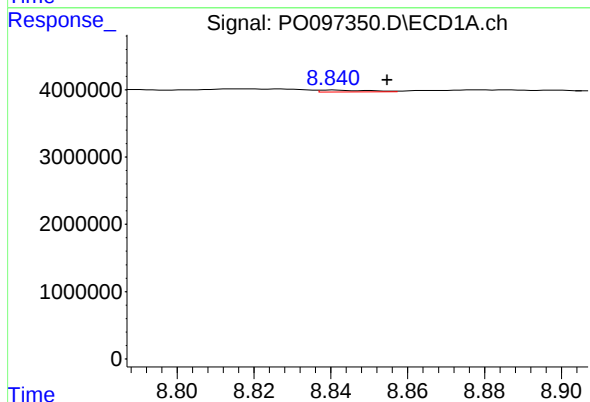
R.T.: 8.736 min
Delta R.T.: -0.020 min
Response: 34560
Conc: 0.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



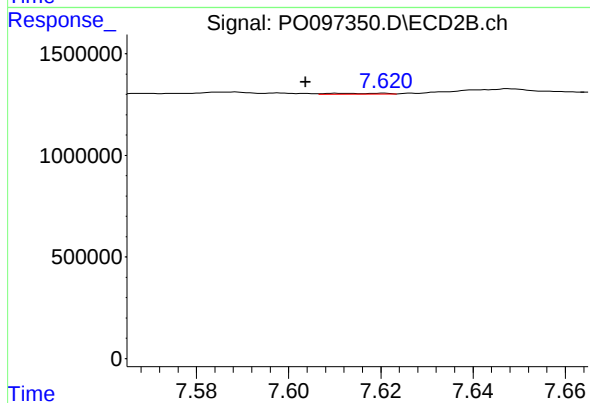
#41 AR-1268-1

R.T.: 7.587 min
Delta R.T.: 0.049 min
Response: 540084
Conc: 2.91 ng/ml



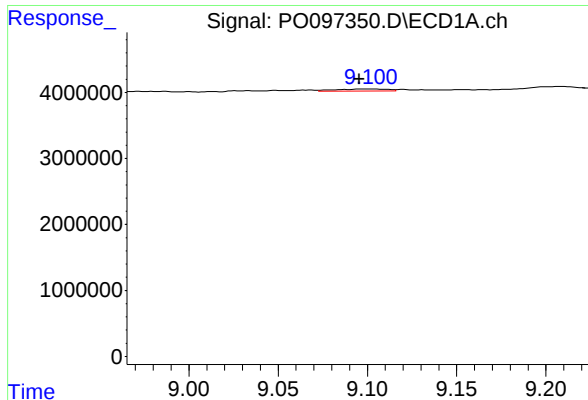
#42 AR-1268-2

R.T.: 8.840 min
Delta R.T.: -0.014 min
Response: 234115
Conc: 0.85 ng/ml



#42 AR-1268-2

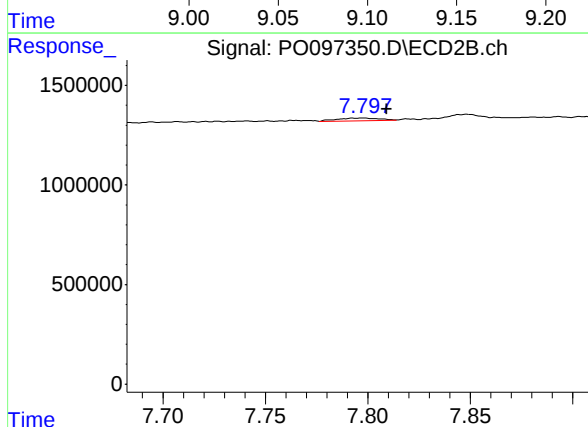
R.T.: 7.611 min
Delta R.T.: 0.007 min
Response: 33171
Conc: 0.20 ng/ml



#43 AR-1268-3

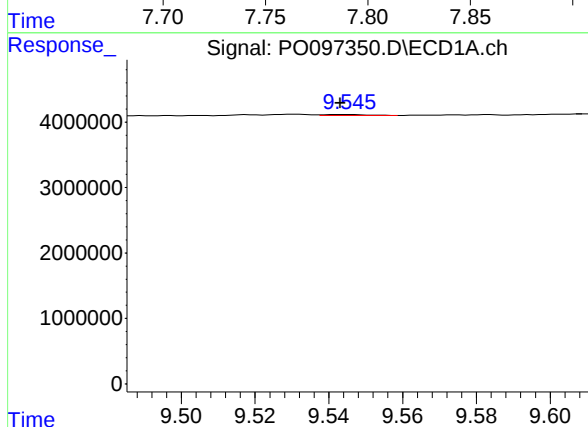
R.T.: 9.101 min
Delta R.T.: 0.006 min
Response: 664489
Conc: 2.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



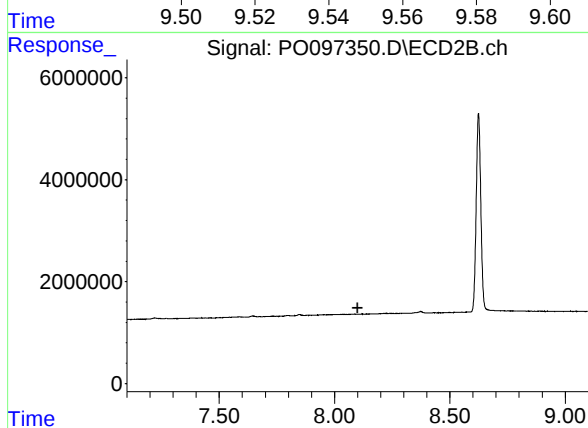
#43 AR-1268-3

R.T.: 7.797 min
Delta R.T.: -0.012 min
Response: 194177
Conc: 1.34 ng/ml



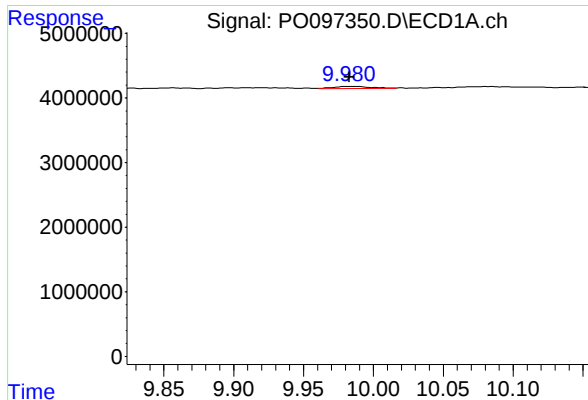
#44 AR-1268-4

R.T.: 9.545 min
Delta R.T.: 0.002 min
Response: 114136
Conc: 1.23 ng/ml



#44 AR-1268-4

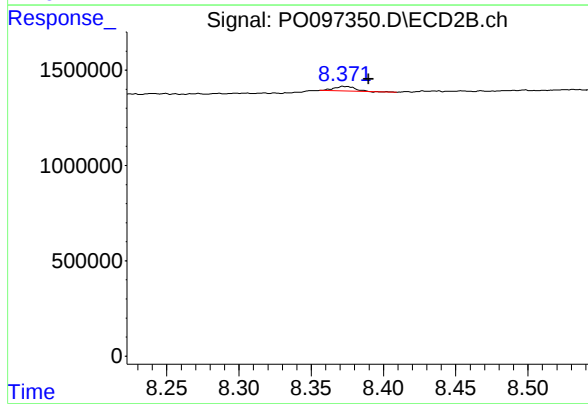
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.990 min
Delta R.T.: 0.007 min
Response: 618788
Conc: 0.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.373 min
Delta R.T.: -0.017 min
Response: 249692
Conc: 0.60 ng/ml