

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0110323\
 Data File : P0099374.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2023 01:59
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 02:41:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0102523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 25 06:04:36 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...	4.466	3.623	93300951	34933216	47.219	48.540
2) SA Decachlor...	10.257	8.612	45786145	15634044	40.416	29.139 #
Target Compounds						
3) L1 AR-1016-1	5.662	4.720	21051962	7203140	382.302	321.656
4) L1 AR-1016-2	5.662	4.720	21051962	7203140	254.589	230.452
5) L1 AR-1016-3	5.723	4.897	10359797	4960112	201.270	292.929 #
6) L1 AR-1016-4	5.822	4.938	9113580	10345999	224.233	715.603 #
7) L1 AR-1016-5	6.119	5.150	23157550	12769076	545.614	683.501 #
8) L2 AR-1221-1	4.671	3.849	473014	67513	19.051	7.267 #
9) L2 AR-1221-2	4.774	3.922	1920773	623910	103.830	96.227
10) L2 AR-1221-3	4.839	3.996	1661678	686794	30.671	33.954
11) L3 AR-1232-1	4.839	3.996	1661678	686794	36.323	40.066
12) L3 AR-1232-2	5.370	4.720	8032722	7203140	340.161	470.179 #
13) L3 AR-1232-3	5.662	4.897	21051962	4960112	533.066	619.899
14) L3 AR-1232-4	5.822	4.979	9113580	11078206	477.679	1439.892 #
15) L3 AR-1232-5	5.914	5.150	22461223	12769076	1348.360	1501.259
16) L4 AR-1242-1	5.662	4.720	21051962	7203140	486.276	409.971
17) L4 AR-1242-2	5.662	4.720	21051962	7203140	328.694	297.236
18) L4 AR-1242-3	5.723	4.897	10359797	4960112	257.542	386.884 #
19) L4 AR-1242-4	5.822	4.979	9113580	11078206	291.235	786.986 #
20) L4 AR-1242-5	6.562	5.502	28808408	17082829	933.864	1022.239
21) L5 AR-1248-1	5.639	4.720	17189767	7203140	505.988	519.708
22) L5 AR-1248-2	5.914	4.938	22461223	10345999	429.196	520.853
23) L5 AR-1248-3	6.119	4.979	23157550	11078206	406.432	531.238 #
24) L5 AR-1248-4	6.523	5.150	28238909	12769076	517.845	519.417
25) L5 AR-1248-5	6.562	5.542	28808408	12156766	507.136	559.745
26) L6 AR-1254-1	6.495	5.502	22116632	17082829	335.981	482.112 #
27) L6 AR-1254-2	6.719	5.649	29074769	5390879	302.017	168.547 #
28) L6 AR-1254-3	7.083	6.052	16493199	8003290	184.523	163.708
29) L6 AR-1254-4	7.369	6.281	8930804	5305184	163.020	202.435
30) L6 AR-1254-5	7.789	6.698	2292876	1559768	34.052	37.001
31) L7 AR-1260-1	7.248	6.197	1612455	3868340	22.501	109.661 #
32) L7 AR-1260-2	7.501	6.369	2139102	851745	27.113	21.248
33) L7 AR-1260-3	7.895	6.522	17285	554736	0.317	14.671 #
34) L7 AR-1260-4	8.078	6.992	988457	156908	15.776	5.430 #
35) L7 AR-1260-5	8.413	7.238	544407	212567	5.087	3.532 #
36) L8 AR-1262-1	7.859	6.766	191875	211508	2.120	4.508 #
37) L8 AR-1262-2	8.413	6.992	544407	156908	4.084	3.779
38) L8 AR-1262-3	8.748	7.521	388809	206294	3.954	6.457 #
39) L8 AR-1262-4	8.832	7.583	59032	299797	0.737	5.453 #
40) L8 AR-1262-5	9.508	8.084	44860	79218	1.021	3.154 #
41) L9 AR-1268-1	8.748	7.521	388809	206294	2.257	2.313

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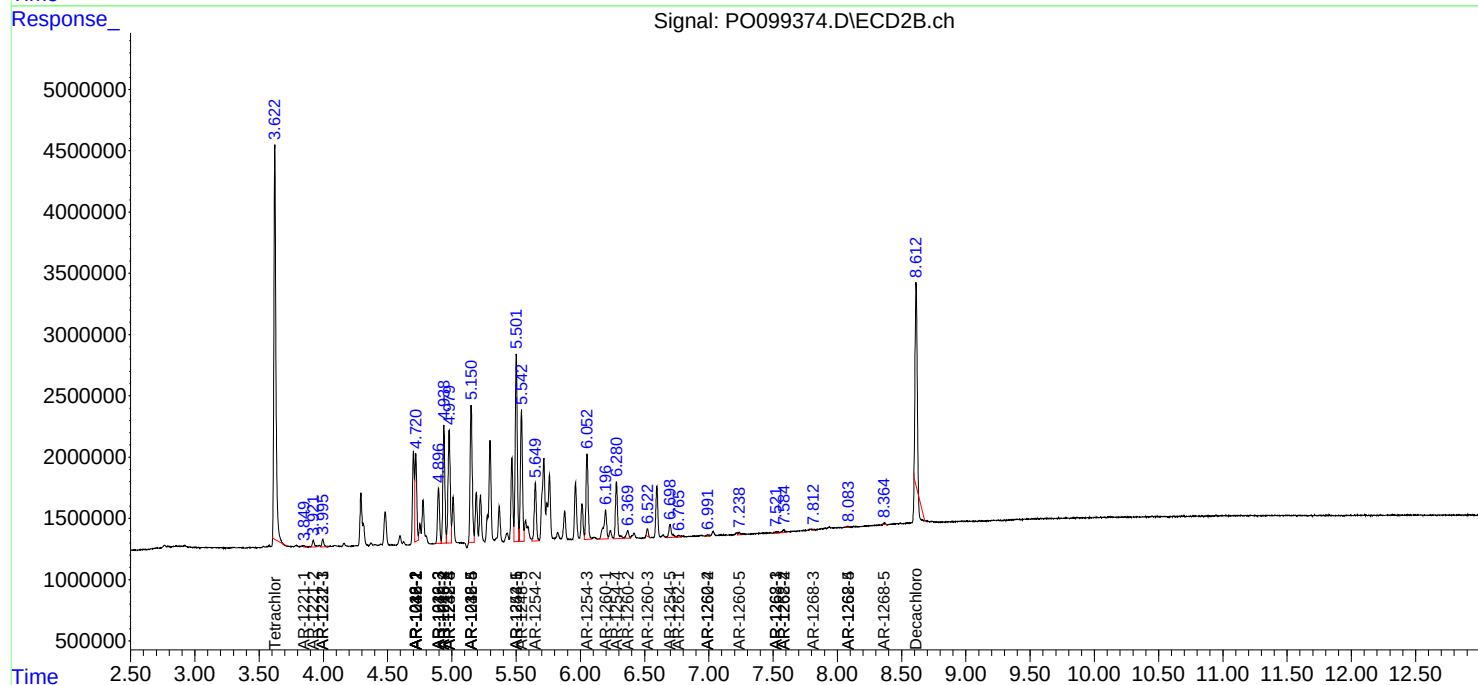
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

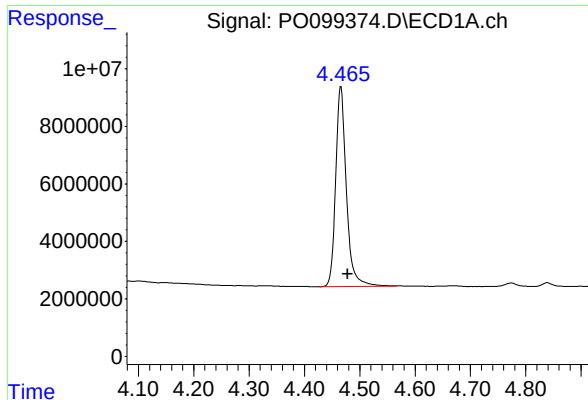
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.832	7.583	59032	299797	0.376	3.797 #
43) L9	AR-1268-3	9.075	7.805	15371	25594	0.110	0.364 #
44) L9	AR-1268-4	9.508	8.084	44860	79218	0.895	2.874 #
45) L9	AR-1268-5	9.919	8.365	190992	129283	0.467	0.678 #

(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

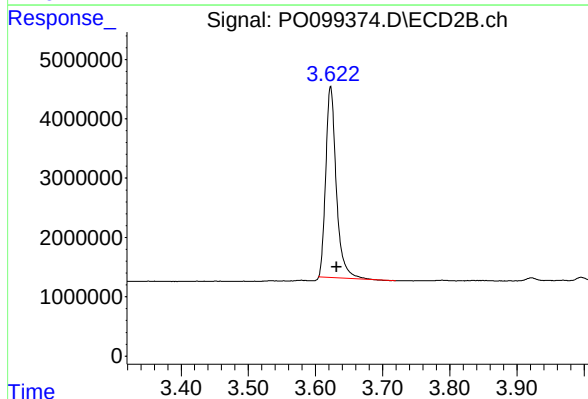




#1 Tetrachloro-m-xylene

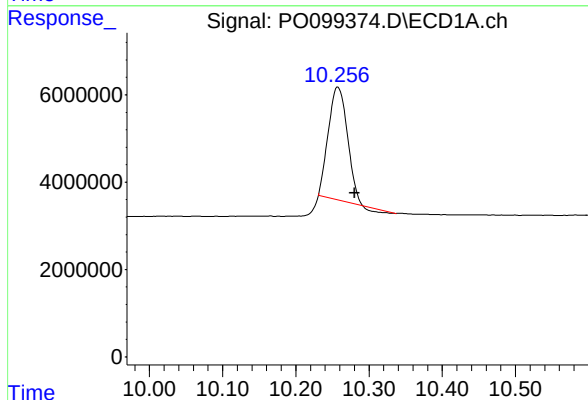
R.T.: 4.466 min
Delta R.T.: -0.012 min
Response: 93300951
Conc: 47.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



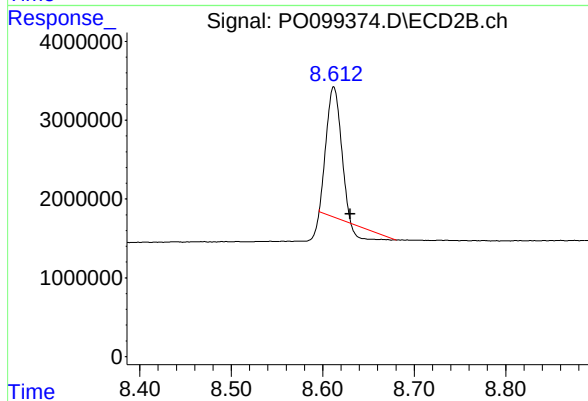
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: -0.009 min
Response: 34933216
Conc: 48.54 ng/ml



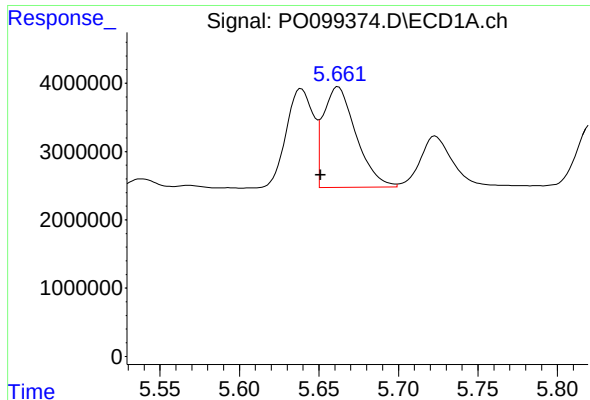
#2 Decachlorobiphenyl

R.T.: 10.257 min
Delta R.T.: -0.023 min
Response: 45786145
Conc: 40.42 ng/ml



#2 Decachlorobiphenyl

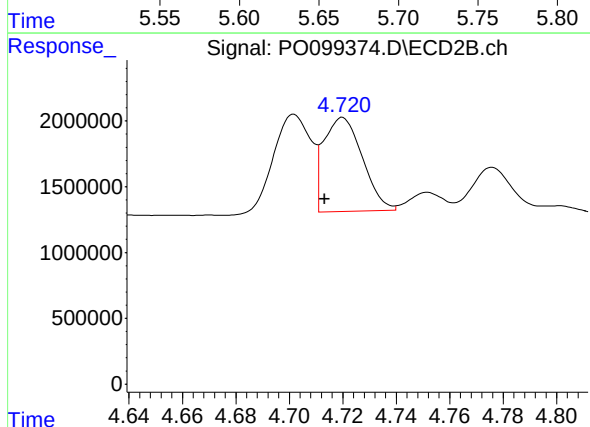
R.T.: 8.612 min
Delta R.T.: -0.018 min
Response: 15634044
Conc: 29.14 ng/ml



#3 AR-1016-1

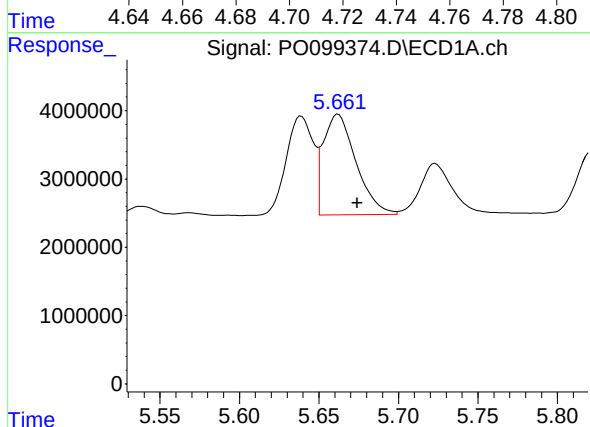
R.T.: 5.662 min
Delta R.T.: 0.011 min
Response: 21051962
Conc: 382.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



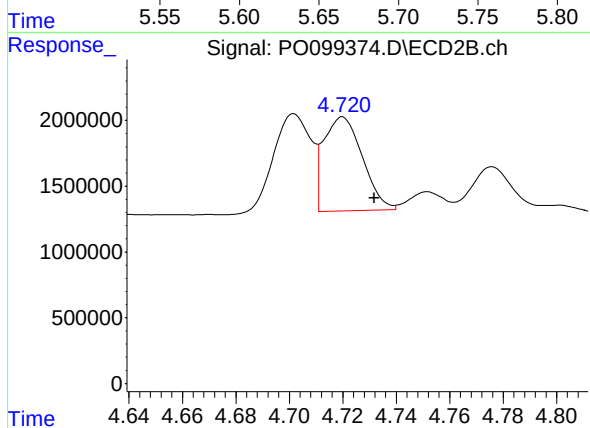
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: 0.007 min
Response: 7203140
Conc: 321.66 ng/ml



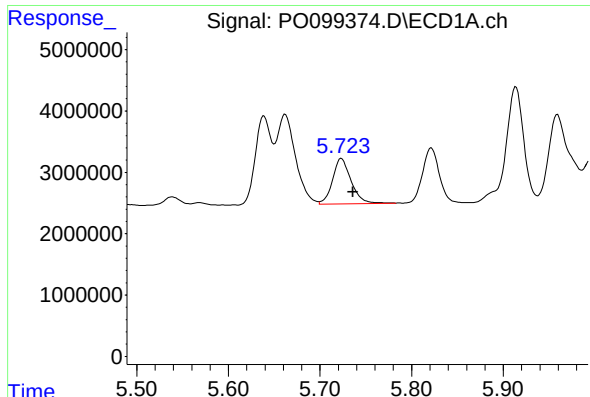
#4 AR-1016-2

R.T.: 5.662 min
Delta R.T.: -0.012 min
Response: 21051962
Conc: 254.59 ng/ml



#4 AR-1016-2

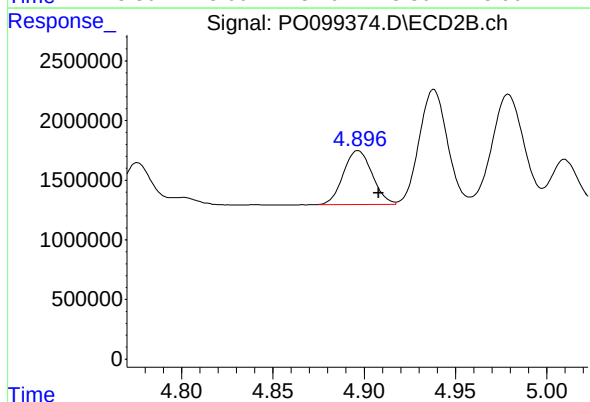
R.T.: 4.720 min
Delta R.T.: -0.012 min
Response: 7203140
Conc: 230.45 ng/ml



#5 AR-1016-3

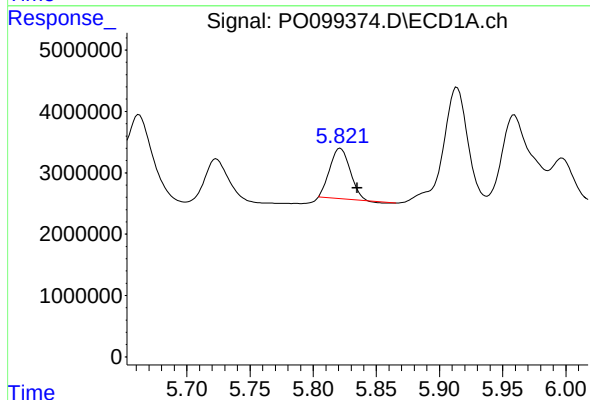
R.T.: 5.723 min
Delta R.T.: -0.013 min
Response: 10359797
Conc: 201.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



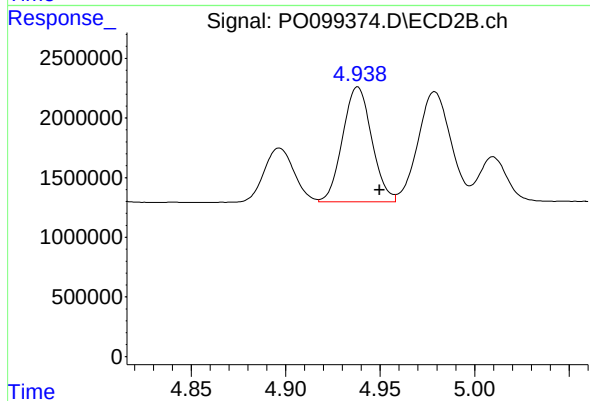
#5 AR-1016-3

R.T.: 4.897 min
Delta R.T.: -0.011 min
Response: 4960112
Conc: 292.93 ng/ml



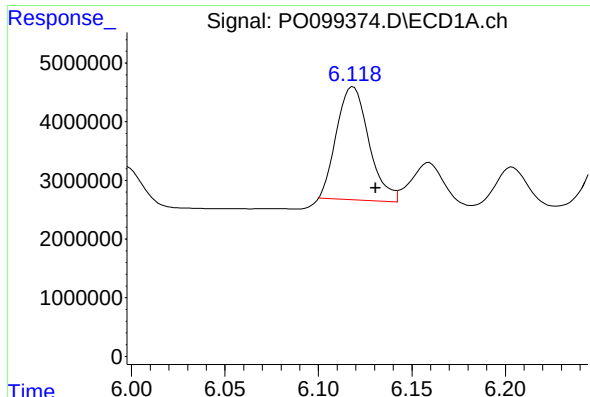
#6 AR-1016-4

R.T.: 5.822 min
Delta R.T.: -0.013 min
Response: 9113580
Conc: 224.23 ng/ml



#6 AR-1016-4

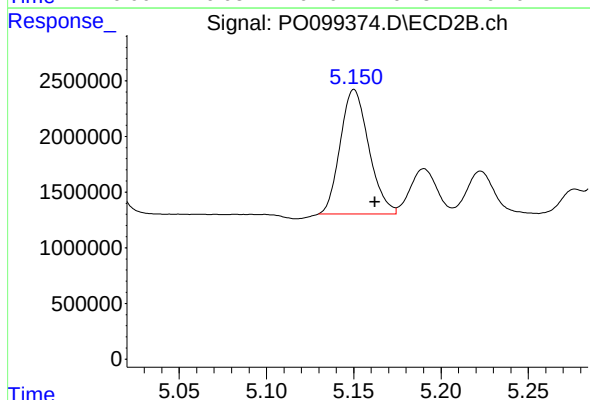
R.T.: 4.938 min
Delta R.T.: -0.011 min
Response: 10345999
Conc: 715.60 ng/ml



#7 AR-1016-5

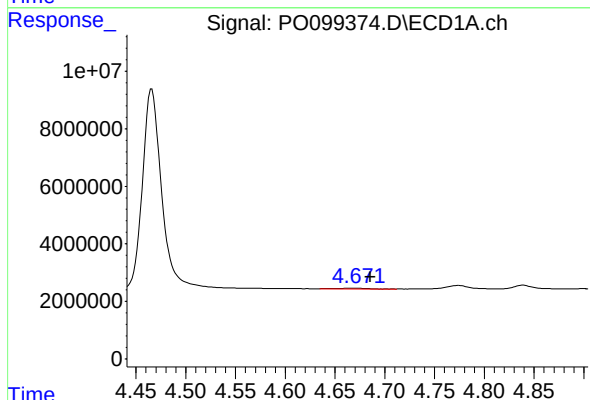
R.T.: 6.119 min
Delta R.T.: -0.012 min
Response: 23157550
Conc: 545.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



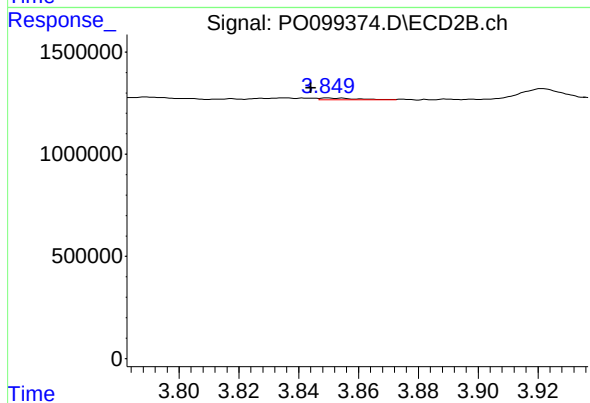
#7 AR-1016-5

R.T.: 5.150 min
Delta R.T.: -0.012 min
Response: 12769076
Conc: 683.50 ng/ml



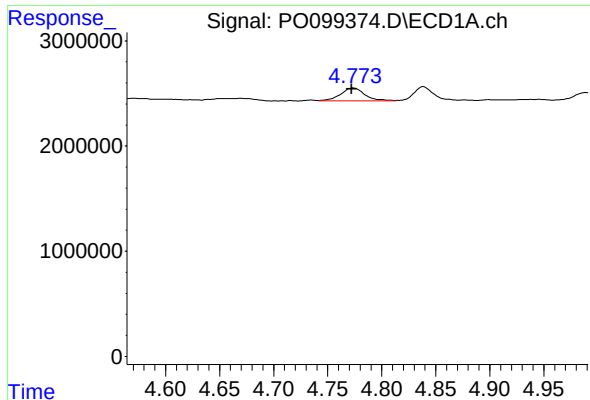
#8 AR-1221-1

R.T.: 4.671 min
Delta R.T.: -0.014 min
Response: 473014
Conc: 19.05 ng/ml



#8 AR-1221-1

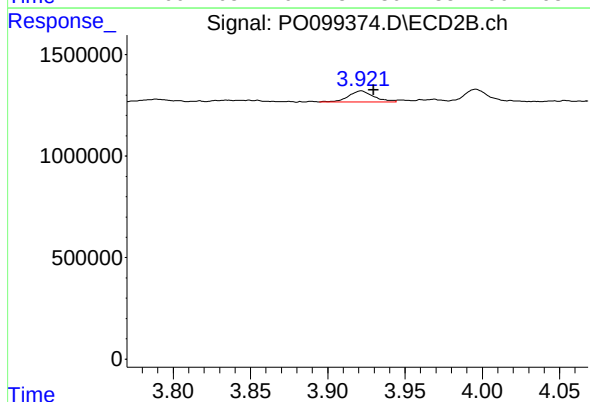
R.T.: 3.849 min
Delta R.T.: 0.005 min
Response: 67513
Conc: 7.27 ng/ml



#9 AR-1221-2

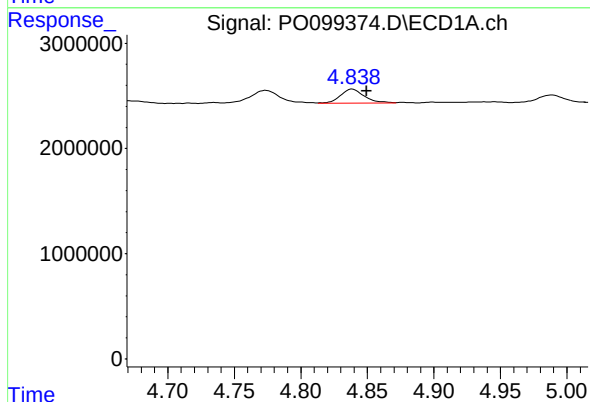
R.T.: 4.774 min
Delta R.T.: 0.002 min
Response: 1920773
Conc: 103.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



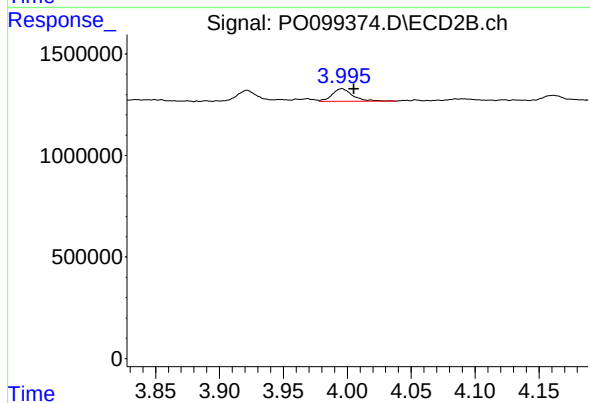
#9 AR-1221-2

R.T.: 3.922 min
Delta R.T.: -0.008 min
Response: 623910
Conc: 96.23 ng/ml



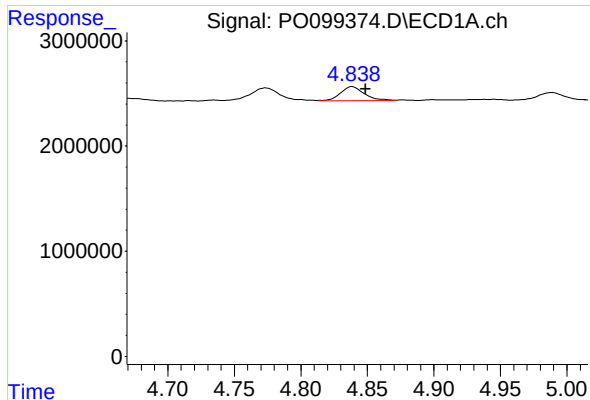
#10 AR-1221-3

R.T.: 4.839 min
Delta R.T.: -0.011 min
Response: 1661678
Conc: 30.67 ng/ml



#10 AR-1221-3

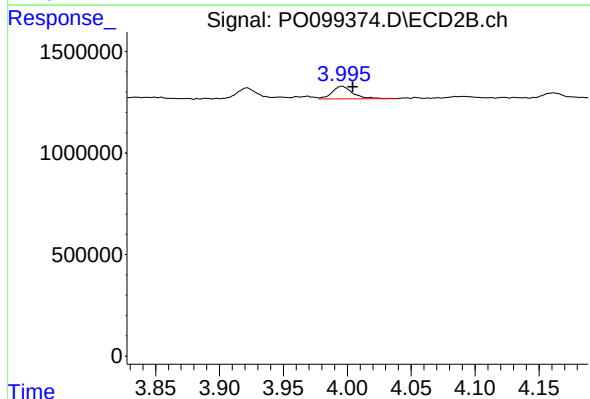
R.T.: 3.996 min
Delta R.T.: -0.010 min
Response: 686794
Conc: 33.95 ng/ml



#11 AR-1232-1

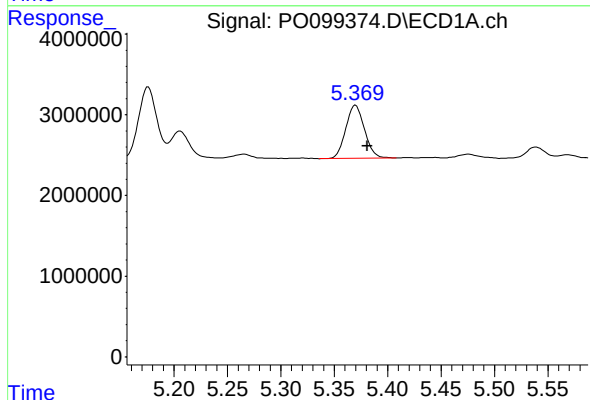
R.T.: 4.839 min
Delta R.T.: -0.010 min
Response: 1661678
Conc: 36.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



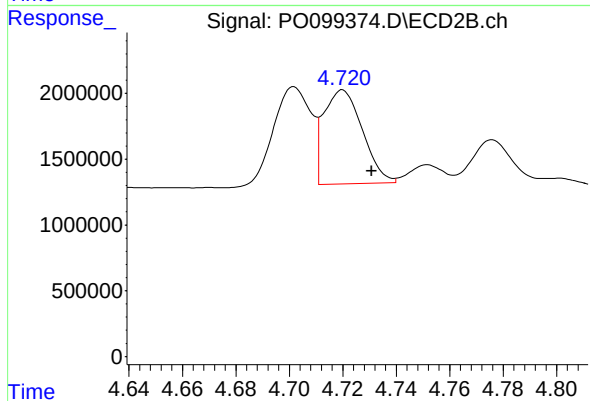
#11 AR-1232-1

R.T.: 3.996 min
Delta R.T.: -0.009 min
Response: 686794
Conc: 40.07 ng/ml



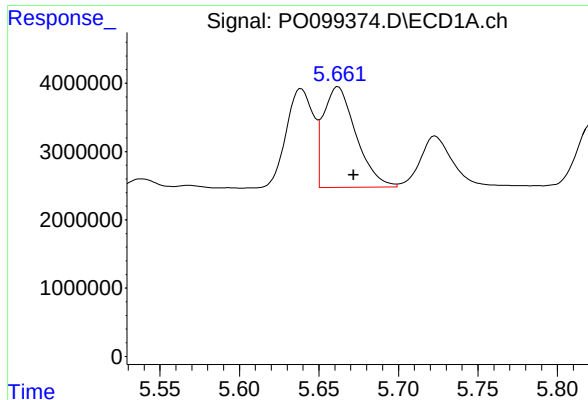
#12 AR-1232-2

R.T.: 5.370 min
Delta R.T.: -0.011 min
Response: 8032722
Conc: 340.16 ng/ml



#12 AR-1232-2

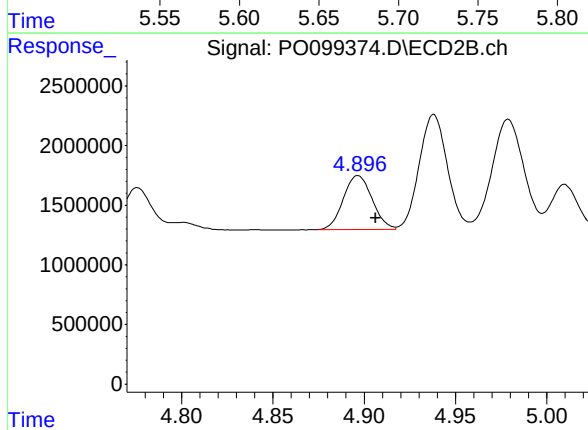
R.T.: 4.720 min
Delta R.T.: -0.011 min
Response: 7203140
Conc: 470.18 ng/ml



#13 AR-1232-3

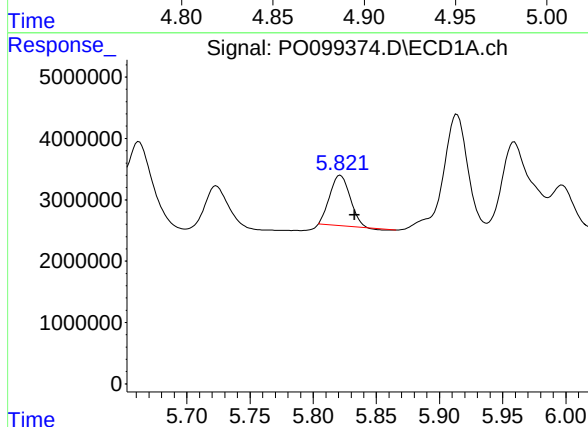
R.T.: 5.662 min
Delta R.T.: -0.010 min
Response: 21051962
Conc: 533.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



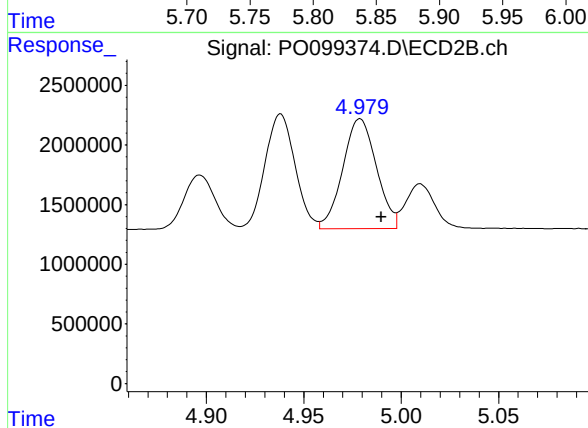
#13 AR-1232-3

R.T.: 4.897 min
Delta R.T.: -0.010 min
Response: 4960112
Conc: 619.90 ng/ml



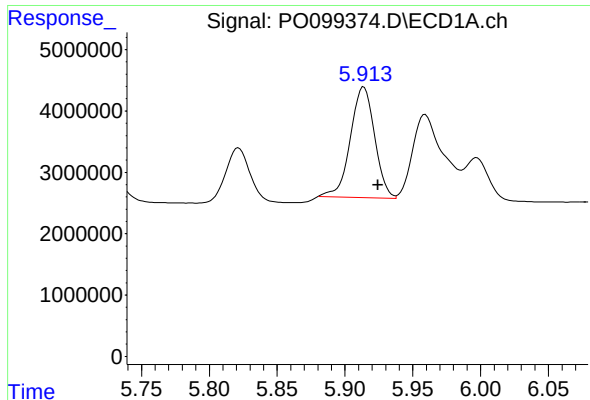
#14 AR-1232-4

R.T.: 5.822 min
Delta R.T.: -0.011 min
Response: 9113580
Conc: 477.68 ng/ml



#14 AR-1232-4

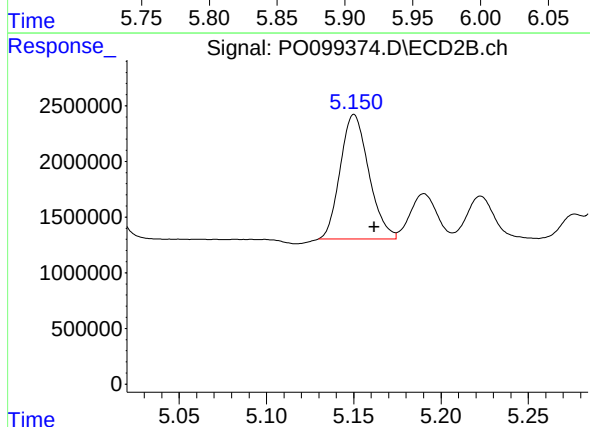
R.T.: 4.979 min
Delta R.T.: -0.011 min
Response: 11078206
Conc: 1439.89 ng/ml



#15 AR-1232-5

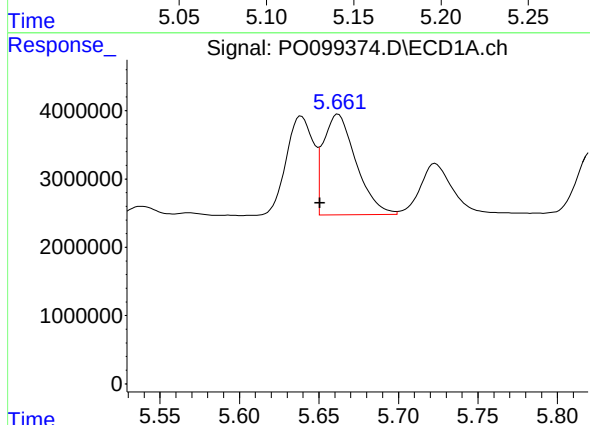
R.T.: 5.914 min
Delta R.T.: -0.010 min
Response: 22461223
Conc: 1348.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



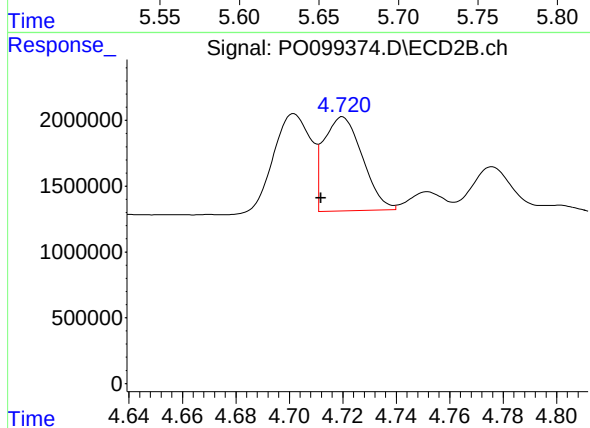
#15 AR-1232-5

R.T.: 5.150 min
Delta R.T.: -0.012 min
Response: 12769076
Conc: 1501.26 ng/ml



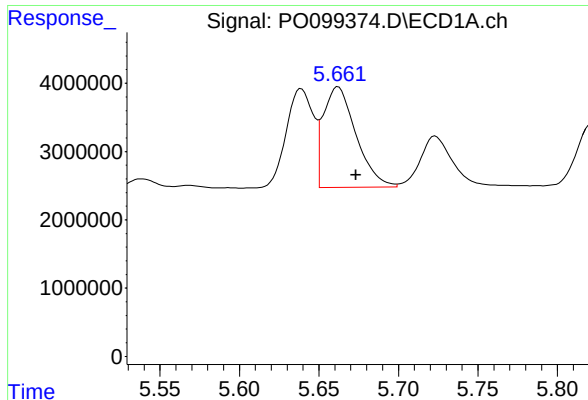
#16 AR-1242-1

R.T.: 5.662 min
Delta R.T.: 0.011 min
Response: 21051962
Conc: 486.28 ng/ml



#16 AR-1242-1

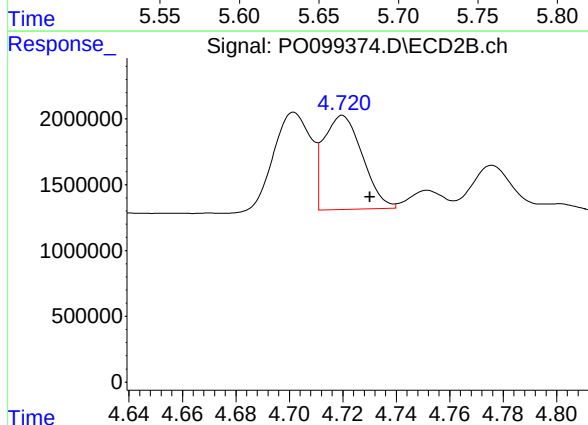
R.T.: 4.720 min
Delta R.T.: 0.008 min
Response: 7203140
Conc: 409.97 ng/ml



#17 AR-1242-2

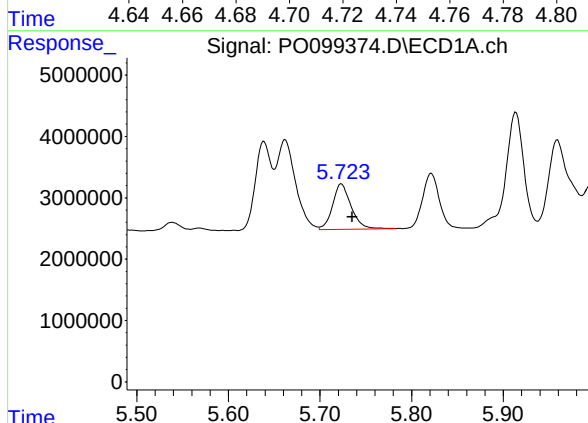
R.T.: 5.662 min
Delta R.T.: -0.011 min
Response: 21051962
Conc: 328.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



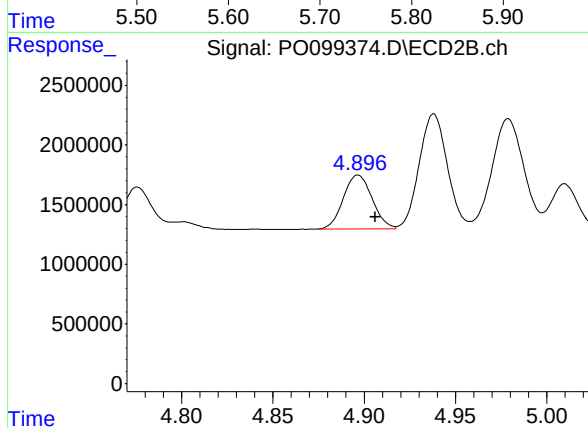
#17 AR-1242-2

R.T.: 4.720 min
Delta R.T.: -0.010 min
Response: 7203140
Conc: 297.24 ng/ml



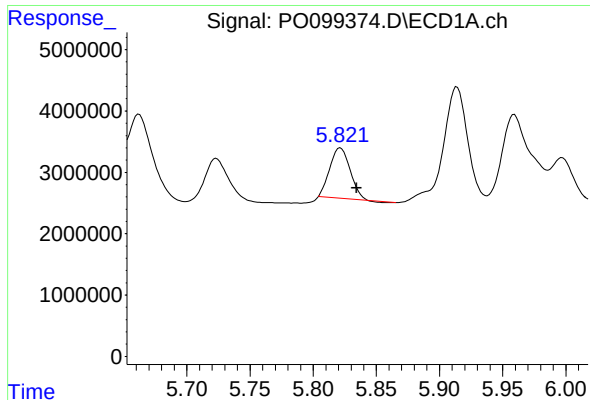
#18 AR-1242-3

R.T.: 5.723 min
Delta R.T.: -0.012 min
Response: 10359797
Conc: 257.54 ng/ml



#18 AR-1242-3

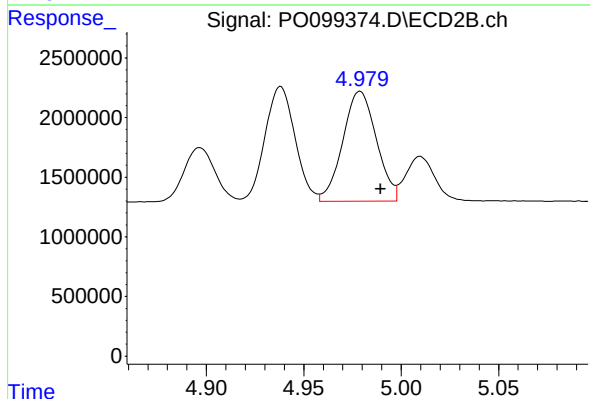
R.T.: 4.897 min
Delta R.T.: -0.010 min
Response: 4960112
Conc: 386.88 ng/ml



#19 AR-1242-4

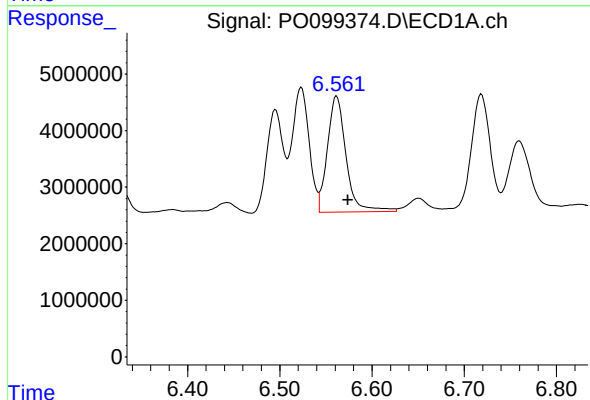
R.T.: 5.822 min
Delta R.T.: -0.013 min
Response: 9113580
Conc: 291.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



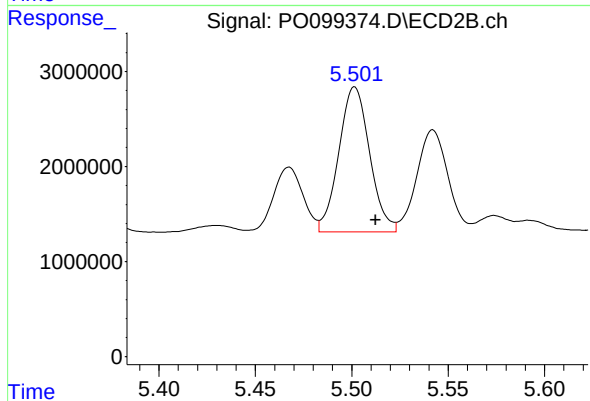
#19 AR-1242-4

R.T.: 4.979 min
Delta R.T.: -0.010 min
Response: 11078206
Conc: 786.99 ng/ml



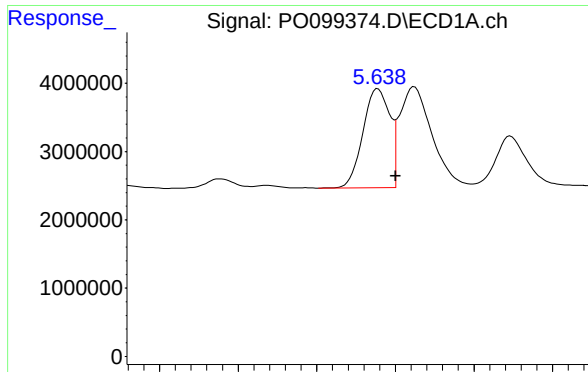
#20 AR-1242-5

R.T.: 6.562 min
Delta R.T.: -0.012 min
Response: 28808408
Conc: 933.86 ng/ml



#20 AR-1242-5

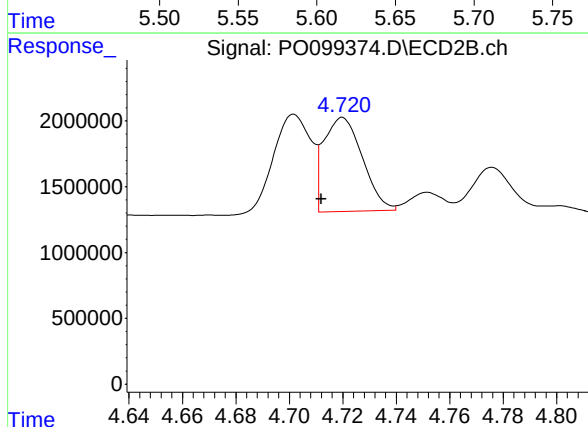
R.T.: 5.502 min
Delta R.T.: -0.011 min
Response: 17082829
Conc: 1022.24 ng/ml



#21 AR-1248-1

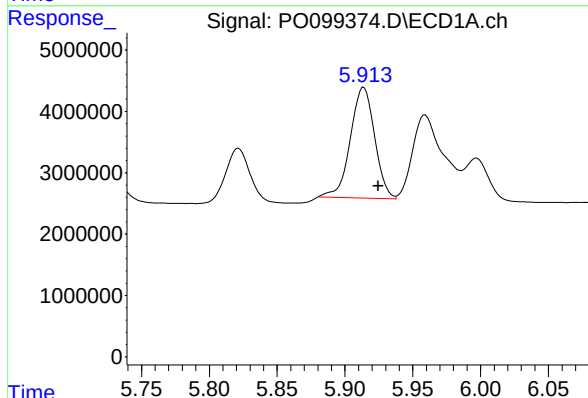
R.T.: 5.639 min
Delta R.T.: -0.011 min
Response: 17189767
Conc: 505.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



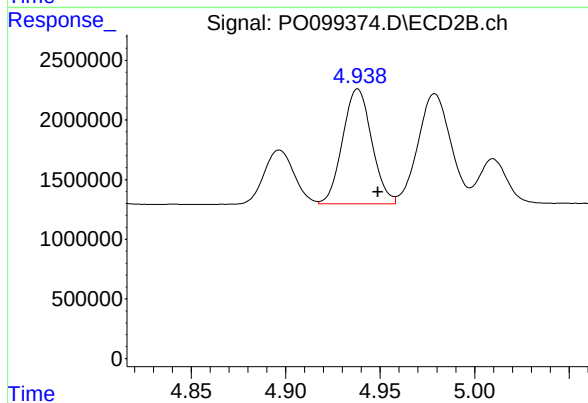
#21 AR-1248-1

R.T.: 4.720 min
Delta R.T.: 0.008 min
Response: 7203140
Conc: 519.71 ng/ml



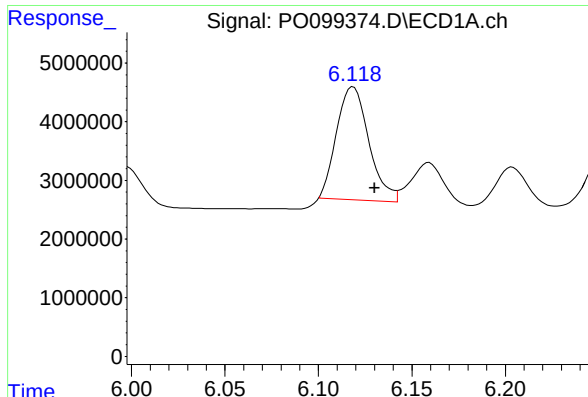
#22 AR-1248-2

R.T.: 5.914 min
Delta R.T.: -0.011 min
Response: 22461223
Conc: 429.20 ng/ml



#22 AR-1248-2

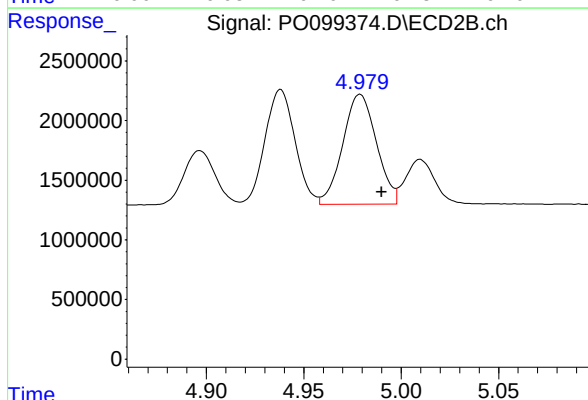
R.T.: 4.938 min
Delta R.T.: -0.011 min
Response: 10345999
Conc: 520.85 ng/ml



#23 AR-1248-3

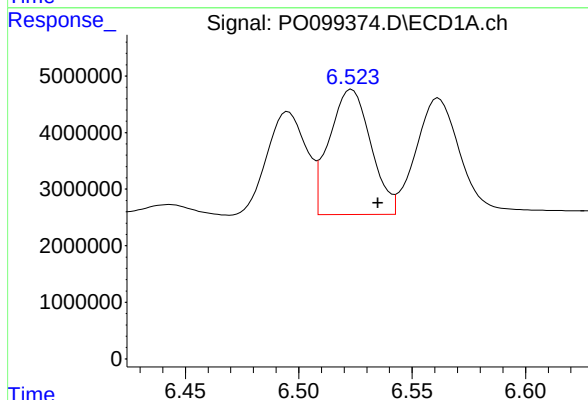
R.T.: 6.119 min
Delta R.T.: -0.012 min
Response: 23157550
Conc: 406.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



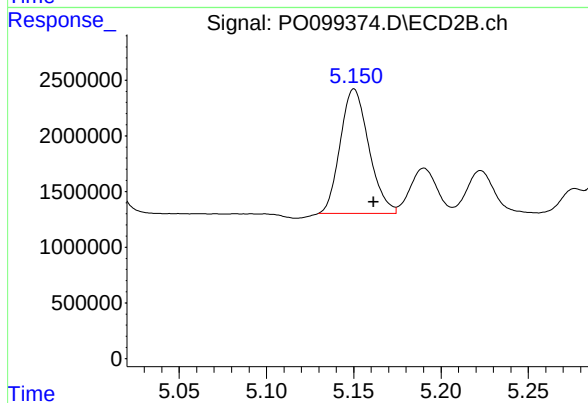
#23 AR-1248-3

R.T.: 4.979 min
Delta R.T.: -0.011 min
Response: 11078206
Conc: 531.24 ng/ml



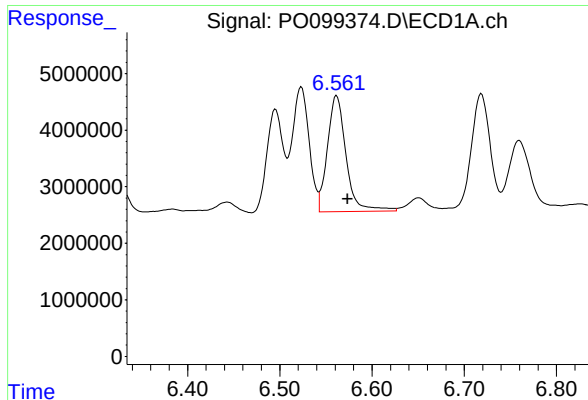
#24 AR-1248-4

R.T.: 6.523 min
Delta R.T.: -0.012 min
Response: 28238909
Conc: 517.84 ng/ml



#24 AR-1248-4

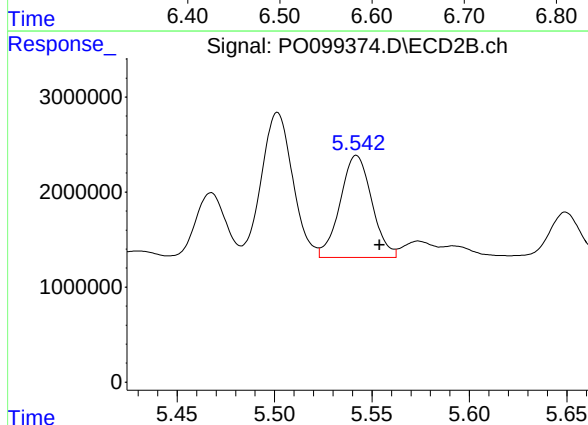
R.T.: 5.150 min
Delta R.T.: -0.011 min
Response: 12769076
Conc: 519.42 ng/ml



#25 AR-1248-5

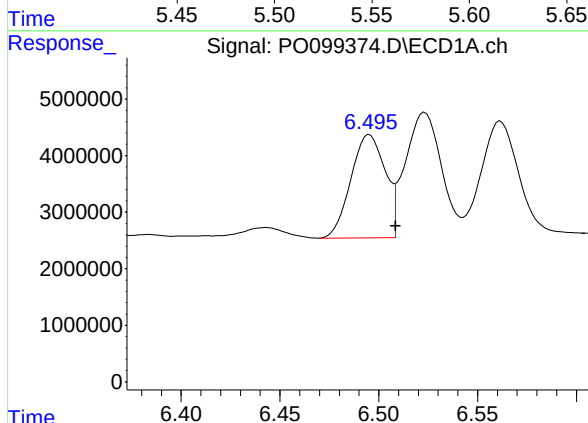
R.T.: 6.562 min
Delta R.T.: -0.012 min
Response: 28808408
Conc: 507.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



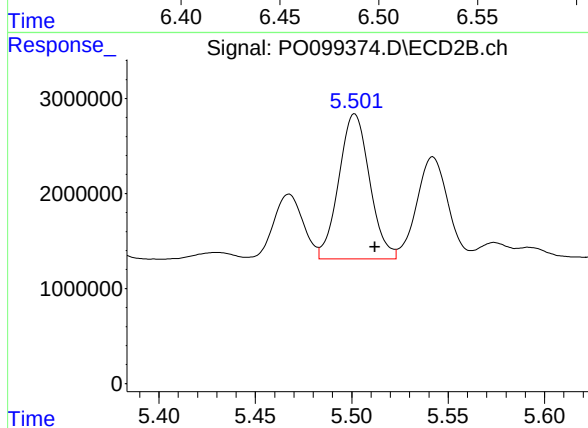
#25 AR-1248-5

R.T.: 5.542 min
Delta R.T.: -0.012 min
Response: 12156766
Conc: 559.74 ng/ml



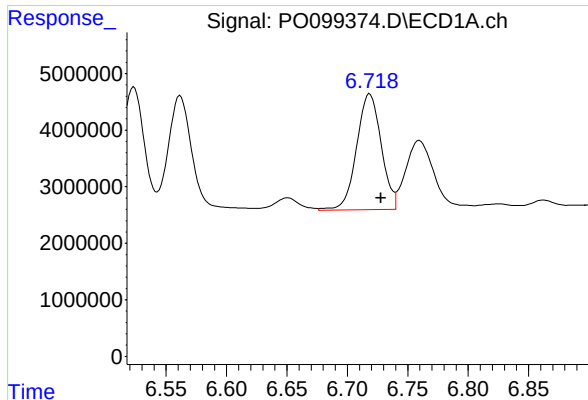
#26 AR-1254-1

R.T.: 6.495 min
Delta R.T.: -0.013 min
Response: 22116632
Conc: 335.98 ng/ml



#26 AR-1254-1

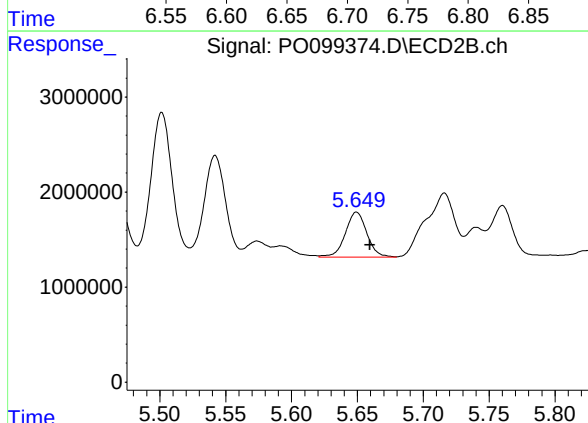
R.T.: 5.502 min
Delta R.T.: -0.011 min
Response: 17082829
Conc: 482.11 ng/ml



#27 AR-1254-2

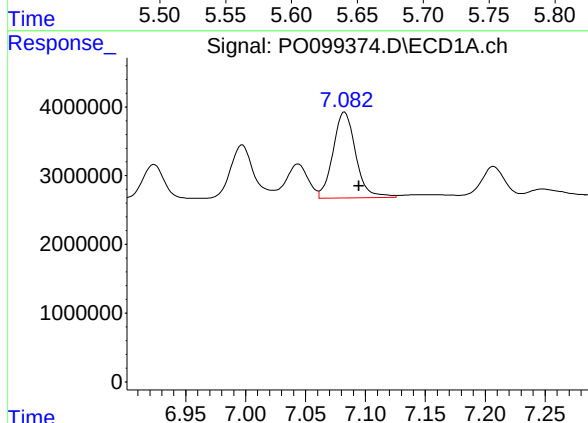
R.T.: 6.719 min
Delta R.T.: -0.009 min
Response: 29074769
Conc: 302.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



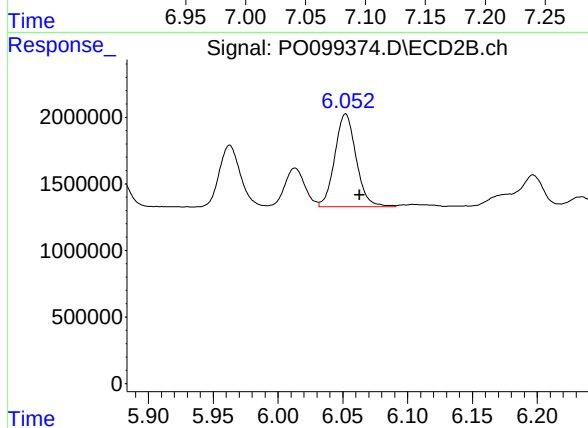
#27 AR-1254-2

R.T.: 5.649 min
Delta R.T.: -0.010 min
Response: 5390879
Conc: 168.55 ng/ml



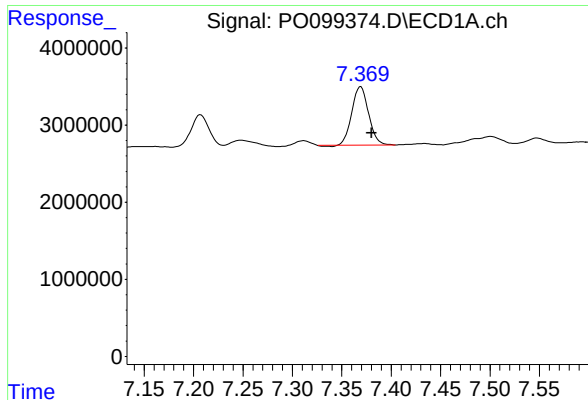
#28 AR-1254-3

R.T.: 7.083 min
Delta R.T.: -0.012 min
Response: 16493199
Conc: 184.52 ng/ml



#28 AR-1254-3

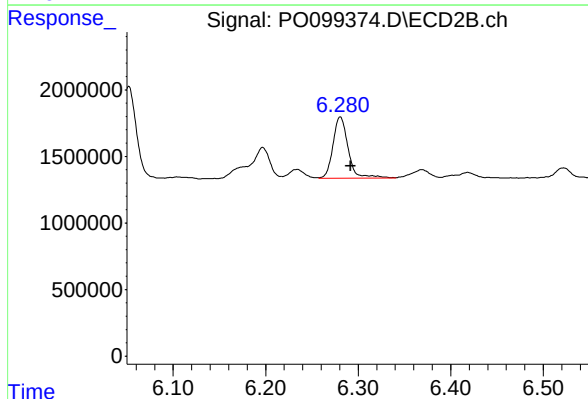
R.T.: 6.052 min
Delta R.T.: -0.011 min
Response: 8003290
Conc: 163.71 ng/ml



#29 AR-1254-4

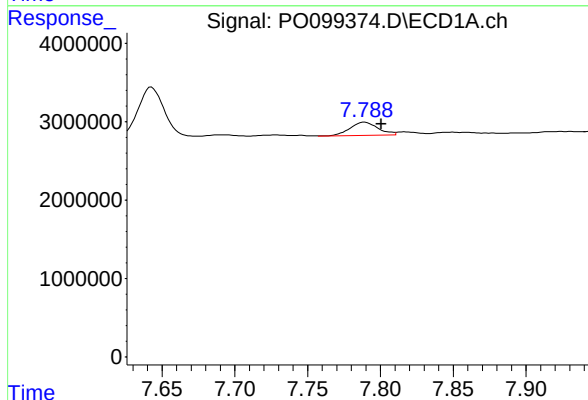
R.T.: 7.369 min
Delta R.T.: -0.011 min
Response: 8930804
Conc: 163.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



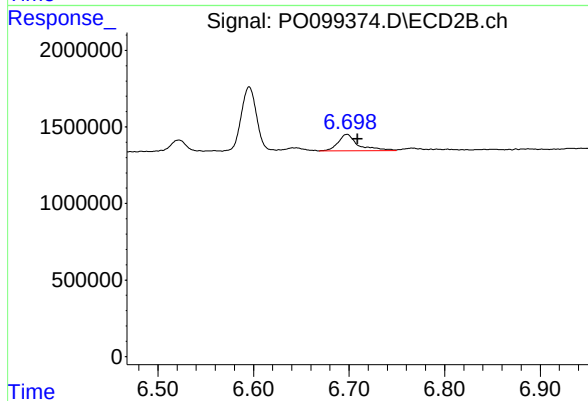
#29 AR-1254-4

R.T.: 6.281 min
Delta R.T.: -0.011 min
Response: 5305184
Conc: 202.44 ng/ml



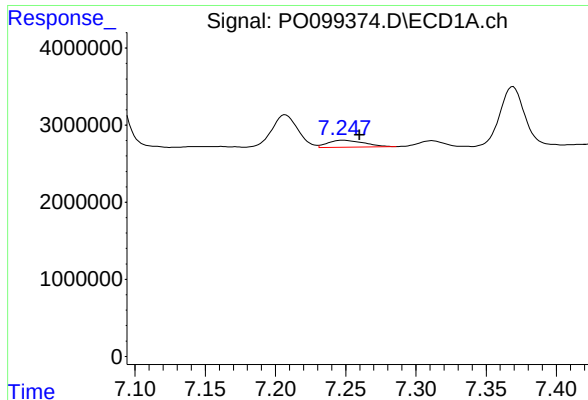
#30 AR-1254-5

R.T.: 7.789 min
Delta R.T.: -0.011 min
Response: 2292876
Conc: 34.05 ng/ml



#30 AR-1254-5

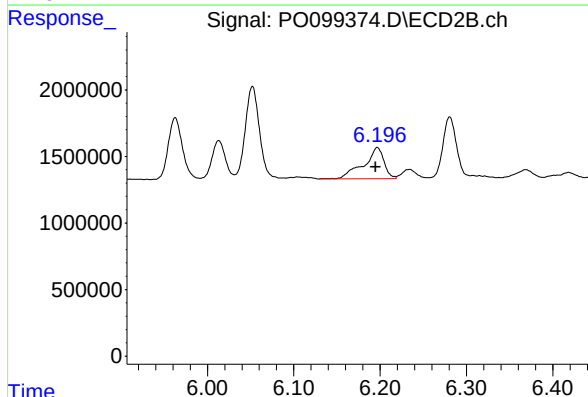
R.T.: 6.698 min
Delta R.T.: -0.011 min
Response: 1559768
Conc: 37.00 ng/ml



#31 AR-1260-1

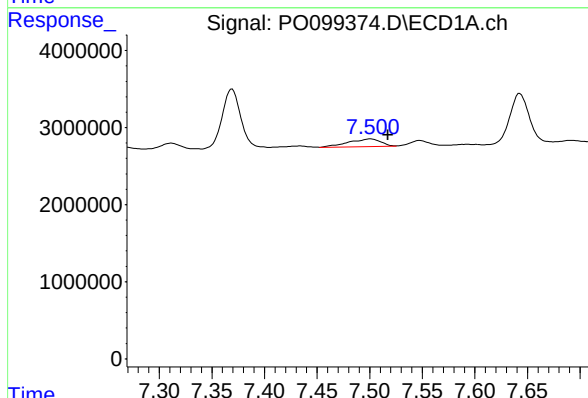
R.T.: 7.248 min
Delta R.T.: -0.012 min
Response: 1612455
Conc: 22.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



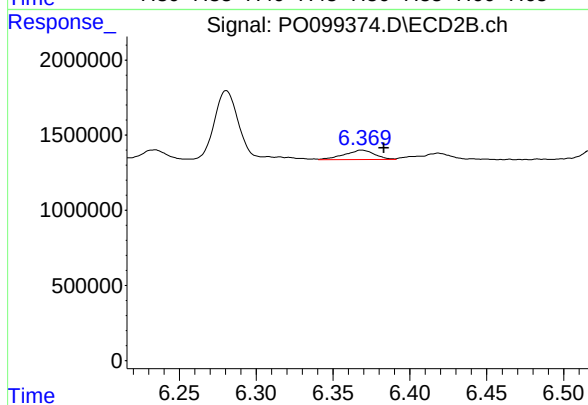
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: 0.002 min
Response: 3868340
Conc: 109.66 ng/ml



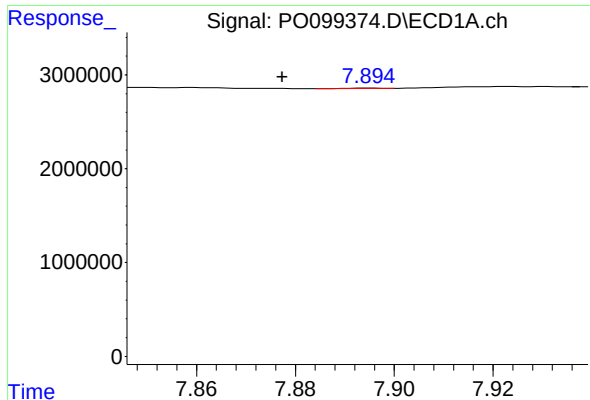
#32 AR-1260-2

R.T.: 7.501 min
Delta R.T.: -0.016 min
Response: 2139102
Conc: 27.11 ng/ml



#32 AR-1260-2

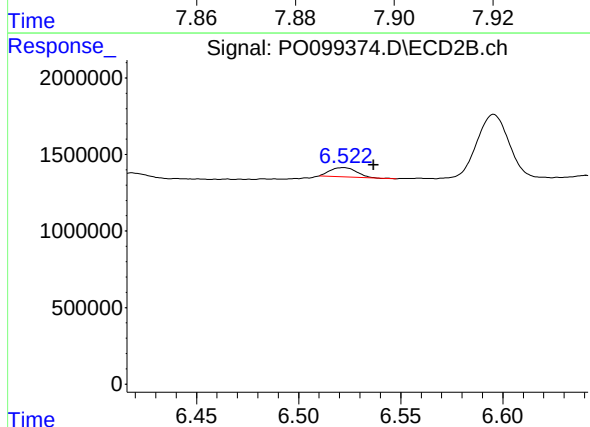
R.T.: 6.369 min
Delta R.T.: -0.014 min
Response: 851745
Conc: 21.25 ng/ml



#33 AR-1260-3

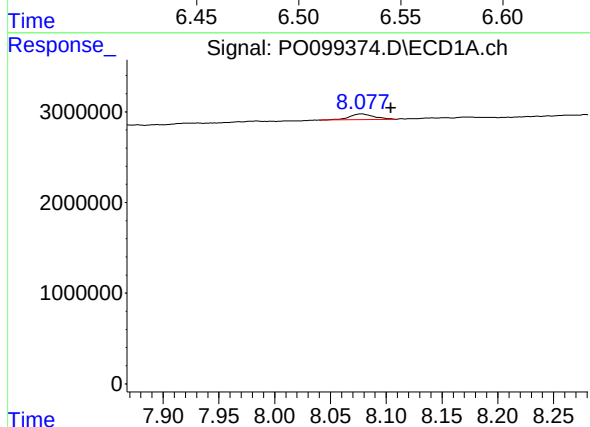
R.T.: 7.895 min
Delta R.T.: 0.018 min
Response: 17285
Conc: 0.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



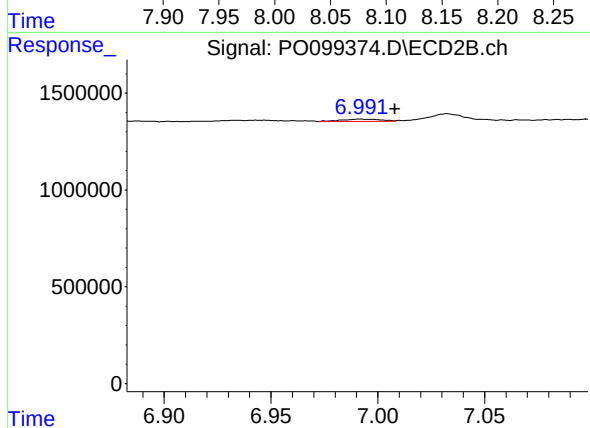
#33 AR-1260-3

R.T.: 6.522 min
Delta R.T.: -0.015 min
Response: 554736
Conc: 14.67 ng/ml



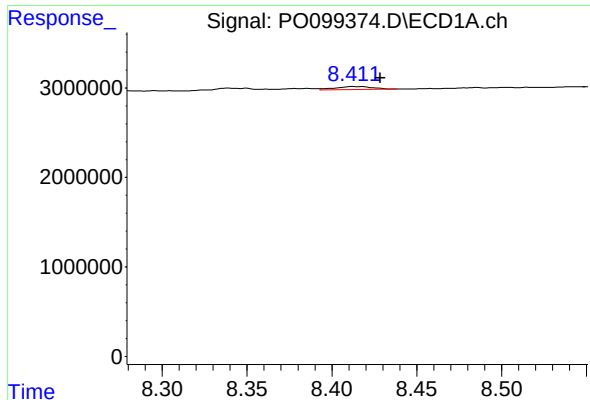
#34 AR-1260-4

R.T.: 8.078 min
Delta R.T.: -0.027 min
Response: 988457
Conc: 15.78 ng/ml



#34 AR-1260-4

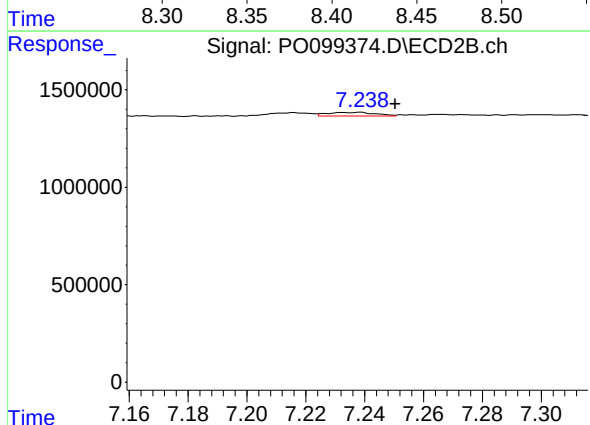
R.T.: 6.992 min
Delta R.T.: -0.016 min
Response: 156908
Conc: 5.43 ng/ml



#35 AR-1260-5

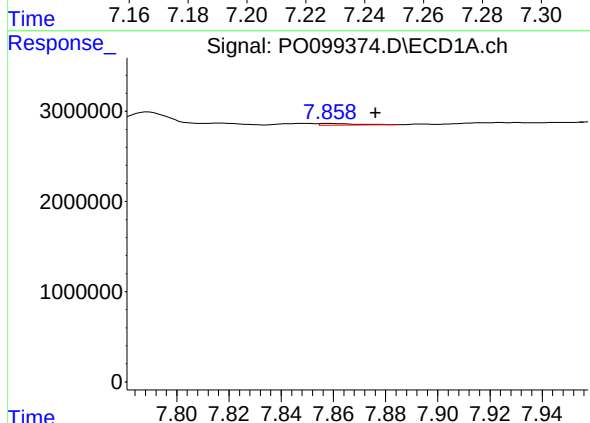
R.T.: 8.413 min
Delta R.T.: -0.016 min
Response: 544407
Conc: 5.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



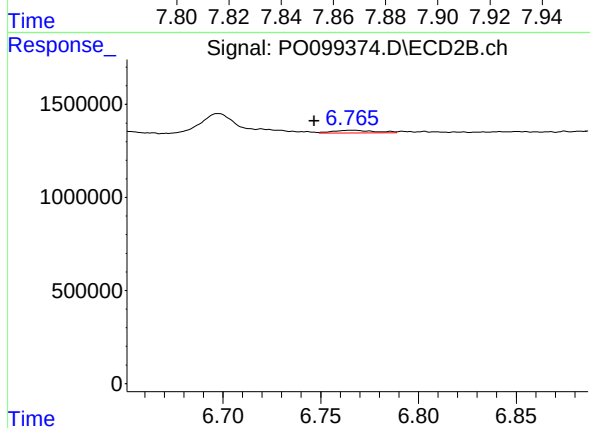
#35 AR-1260-5

R.T.: 7.238 min
Delta R.T.: -0.012 min
Response: 212567
Conc: 3.53 ng/ml



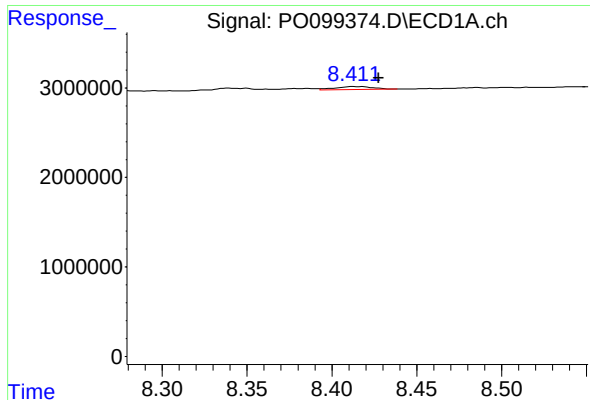
#36 AR-1262-1

R.T.: 7.859 min
Delta R.T.: -0.018 min
Response: 191875
Conc: 2.12 ng/ml



#36 AR-1262-1

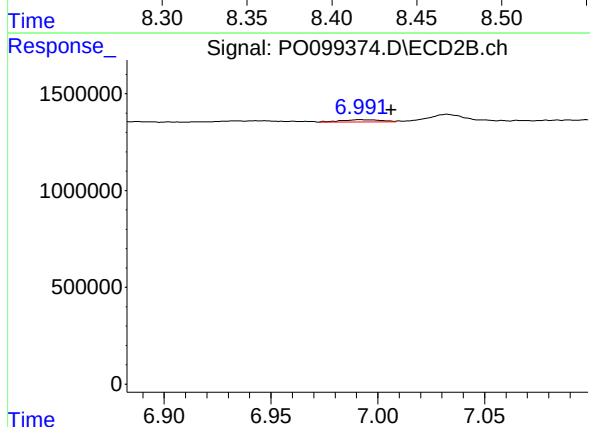
R.T.: 6.766 min
Delta R.T.: 0.019 min
Response: 211508
Conc: 4.51 ng/ml



#37 AR-1262-2

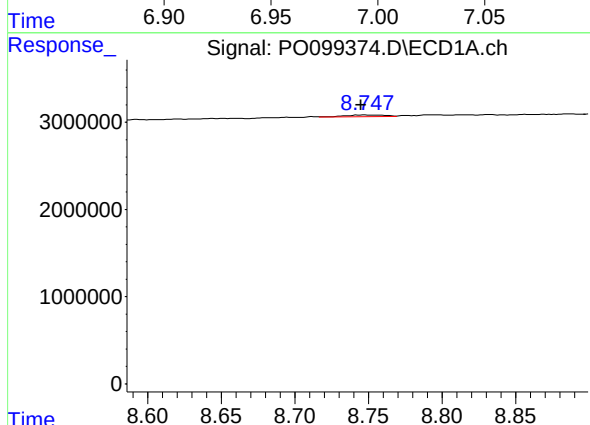
R.T.: 8.413 min
Delta R.T.: -0.015 min
Response: 544407
Conc: 4.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



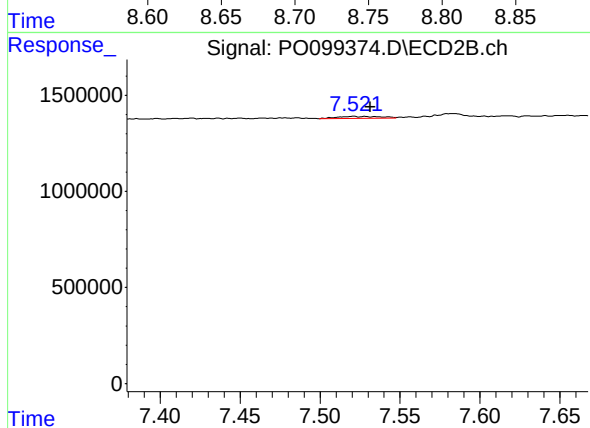
#37 AR-1262-2

R.T.: 6.992 min
Delta R.T.: -0.014 min
Response: 156908
Conc: 3.78 ng/ml



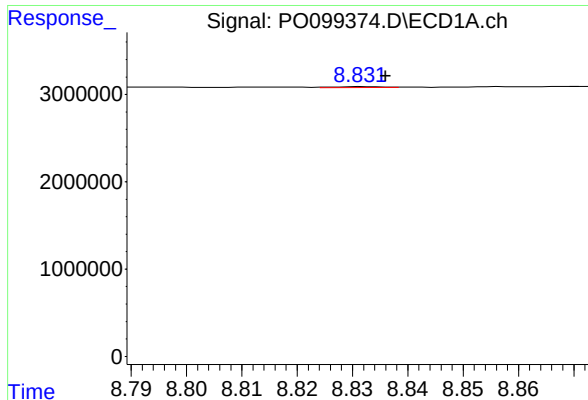
#38 AR-1262-3

R.T.: 8.748 min
Delta R.T.: 0.003 min
Response: 388809
Conc: 3.95 ng/ml



#38 AR-1262-3

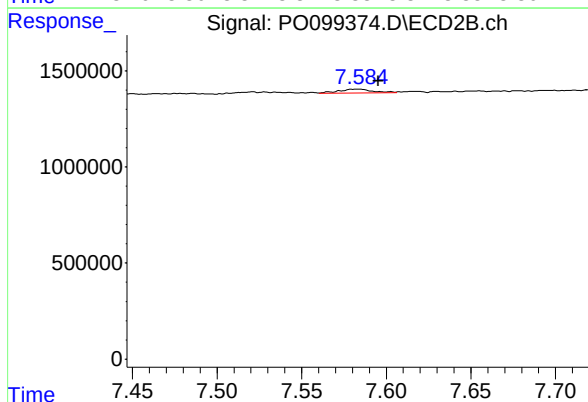
R.T.: 7.521 min
Delta R.T.: -0.011 min
Response: 206294
Conc: 6.46 ng/ml



#39 AR-1262-4

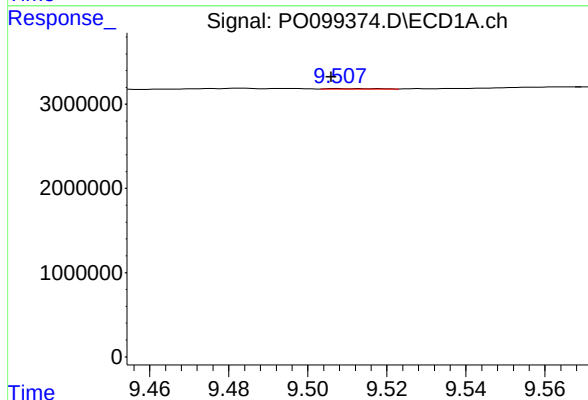
R.T.: 8.832 min
Delta R.T.: -0.004 min
Response: 59032
Conc: 0.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



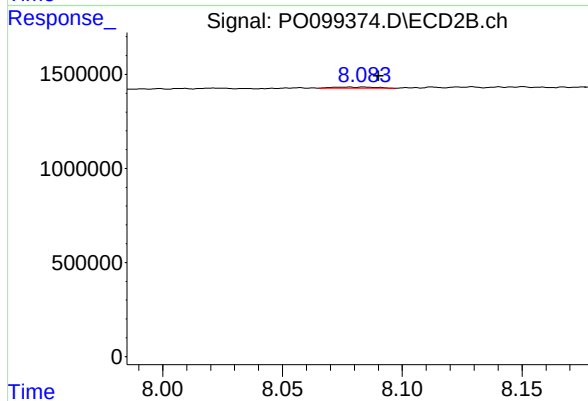
#39 AR-1262-4

R.T.: 7.583 min
Delta R.T.: -0.012 min
Response: 299797
Conc: 5.45 ng/ml



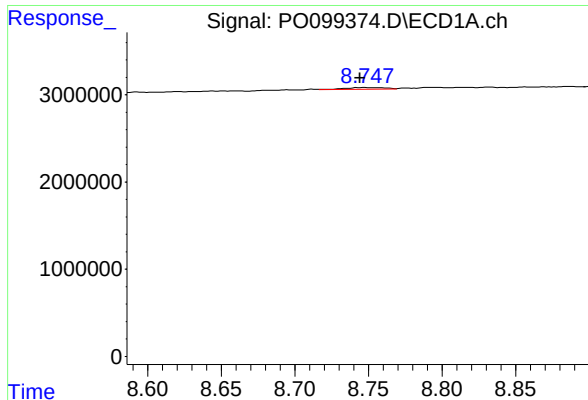
#40 AR-1262-5

R.T.: 9.508 min
Delta R.T.: 0.002 min
Response: 44860
Conc: 1.02 ng/ml



#40 AR-1262-5

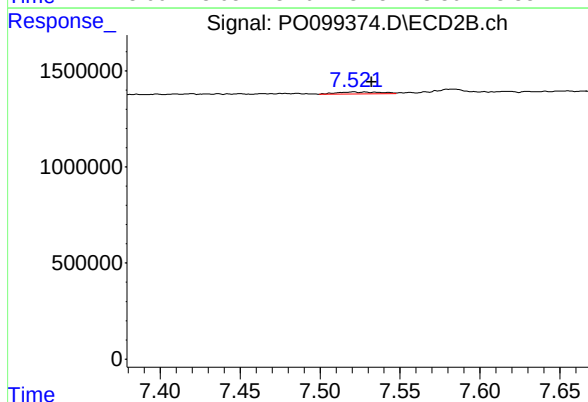
R.T.: 8.084 min
Delta R.T.: -0.006 min
Response: 79218
Conc: 3.15 ng/ml



#41 AR-1268-1

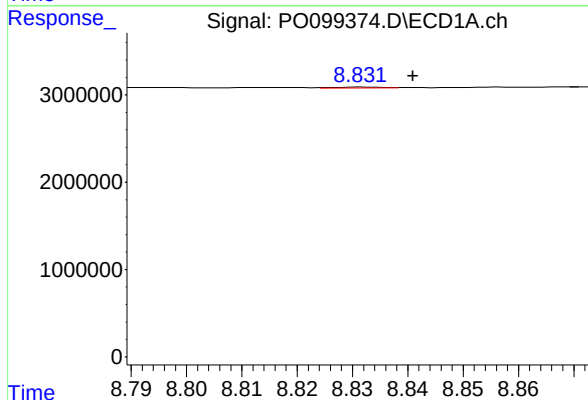
R.T.: 8.748 min
Delta R.T.: 0.004 min
Response: 388809
Conc: 2.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



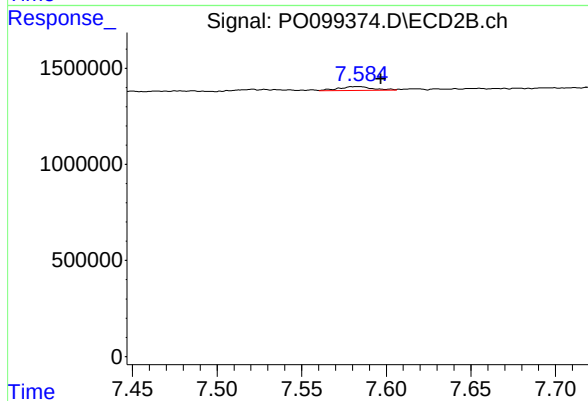
#41 AR-1268-1

R.T.: 7.521 min
Delta R.T.: -0.011 min
Response: 206294
Conc: 2.31 ng/ml



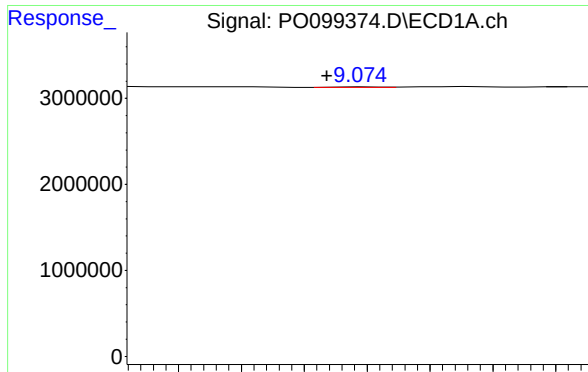
#42 AR-1268-2

R.T.: 8.832 min
Delta R.T.: -0.009 min
Response: 59032
Conc: 0.38 ng/ml



#42 AR-1268-2

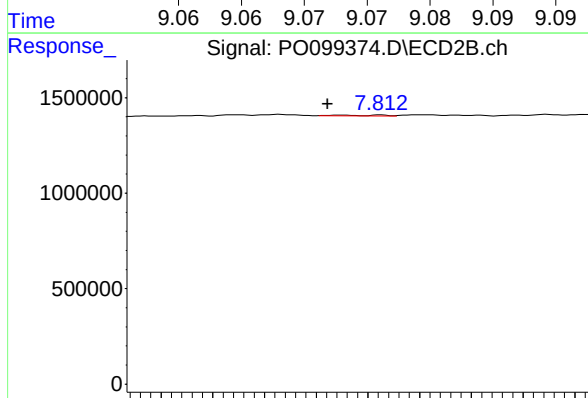
R.T.: 7.583 min
Delta R.T.: -0.013 min
Response: 299797
Conc: 3.80 ng/ml



#43 AR-1268-3

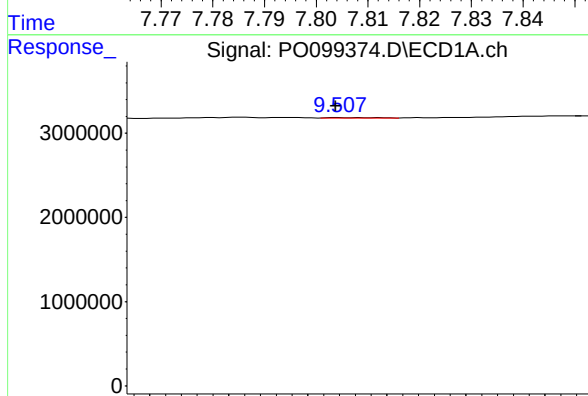
R.T.: 9.075 min
Delta R.T.: 0.003 min
Response: 15371
Conc: 0.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



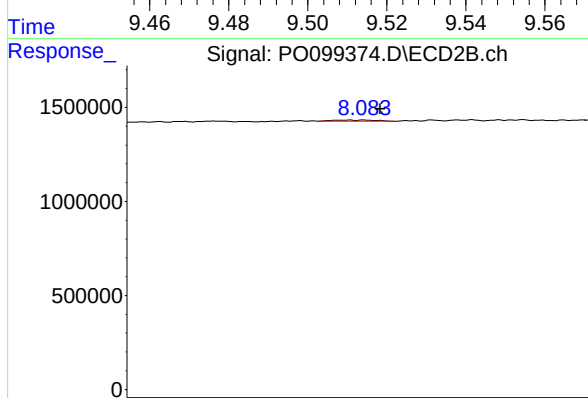
#43 AR-1268-3

R.T.: 7.805 min
Delta R.T.: 0.003 min
Response: 25594
Conc: 0.36 ng/ml



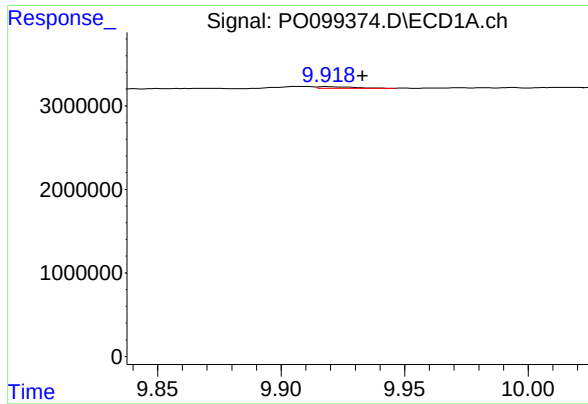
#44 AR-1268-4

R.T.: 9.508 min
Delta R.T.: 0.001 min
Response: 44860
Conc: 0.89 ng/ml



#44 AR-1268-4

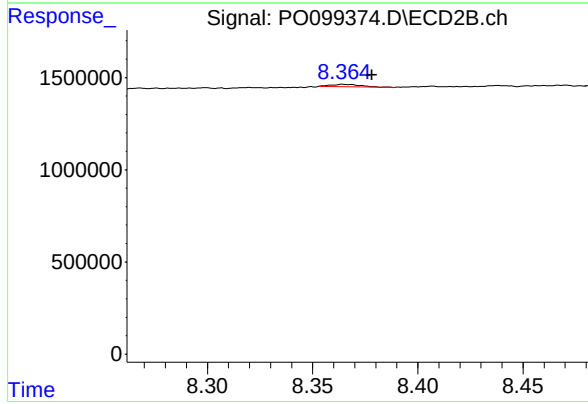
R.T.: 8.084 min
Delta R.T.: -0.007 min
Response: 79218
Conc: 2.87 ng/ml



#45 AR-1268-5

R.T.: 9.919 min
Delta R.T.: -0.014 min
Response: 190992
Conc: 0.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.365 min
Delta R.T.: -0.013 min
Response: 129283
Conc: 0.68 ng/ml