

Data Path : Z:\bestpcbsrv\HPCHEM1\ECD 0\Data\P0082518\
 Data File : P0048497.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Aug 2018 13:17
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 13:30:54 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0082418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 24 08:17:51 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.379	3.626	10098705	14677357	53.311	54.215
2) SA Decachlor...	10.055	8.599	7475419	7080786	43.411	42.279
Target Compounds						
3) L1 AR-1016-1	5.086	4.296	2433239	3196869	510.216	533.501
4) L1 AR-1016-2	5.279	4.705	2380243	4628634	507.609	526.922
5) L1 AR-1016-3	5.546	4.724	3276279	7075098	481.491	552.710
6) L1 AR-1016-4	5.630	4.780	2960900	4641220	487.039	565.916
7) L1 AR-1016-5	6.022	5.152	2160984	3714068	432.718	502.481
8) L2 AR-1221-1	4.584	3.837	242914	407864	115.540	154.984 #
9) L2 AR-1221-2	4.676	3.924	352686	591891	232.619	307.664 #
10) L2 AR-1221-3	4.751	3.999	1720481	2240581	346.801	359.331
11) L3 AR-1232-1	5.568	4.486	4776266	3699326	1062.973	1267.548
12) L3 AR-1232-2	5.729	4.724	2110079	7075098	928.787	1181.538 #
13) L3 AR-1232-3	5.818	4.981	2014760	3498654	1198.206	1331.188
14) L3 AR-1232-4	6.397	5.300	2192086	3341680	1353.372	1204.552
15) L3 AR-1232-5	6.462	5.543	702981	833142	298.769	270.660
16) L4 AR-1242-1	5.115	4.315	1523609	2429586	636.001	694.757
17) L4 AR-1242-2	5.863	4.899	2091437	3499553	577.028	639.777
18) L4 AR-1242-3	6.062	4.940	858437	2861201	497.482	681.801 #
19) L4 AR-1242-4	6.106	5.716	663815	154211	514.527	34.985 #
20) L4 AR-1242-5	6.163	5.740	2478125	262698	554.556	71.460 #
21) L5 AR-1248-1	5.818	4.940	2014760	2861201	341.298	377.561
22) L5 AR-1248-2	6.397	5.502	2192086	3540978	377.152	268.958 #
23) L5 AR-1248-3	6.424	5.543	879115	833142	113.917	91.320
24) L5 AR-1248-4	6.462	5.716	702981	154211	95.968	19.538 #
25) L5 AR-1248-5	6.660	6.064	144530	4577624	29.873	763.689 #
26) L6 AR-1254-1	6.614	5.648	1978772	2461941	145.768	171.116
27) L6 AR-1254-2	6.895	5.960	323449	482479	39.190	41.658
28) L6 AR-1254-3	6.980	6.277	978332	426524	68.185	29.119 #
29) L6 AR-1254-4	7.264	6.598	644725	703932	58.664	71.530
30) L6 AR-1254-5	7.558	6.692	514295	7573555	63.106	388.644 #
31) L7 AR-1260-1	7.143	6.178	4565736	6287252	458.347	453.998
32) L7 AR-1260-2	7.398	6.366	5530212	7665313	461.658	436.933
33) L7 AR-1260-3	7.682	6.519	6301509	6602069	459.143	430.573
34) L7 AR-1260-4	7.981	6.988	4450058	4866683	449.472	418.106
35) L7 AR-1260-5	8.296	7.229	8893759	11495851	465.883	424.541
36) L8 AR-1262-1	7.037	6.064	3020952	4577624	386.808	430.649
37) L8 AR-1262-2	7.813	6.783	2131732	2984645	331.069	312.227
38) L8 AR-1262-3	8.061	7.085	2176288	2683711	315.193	284.242

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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

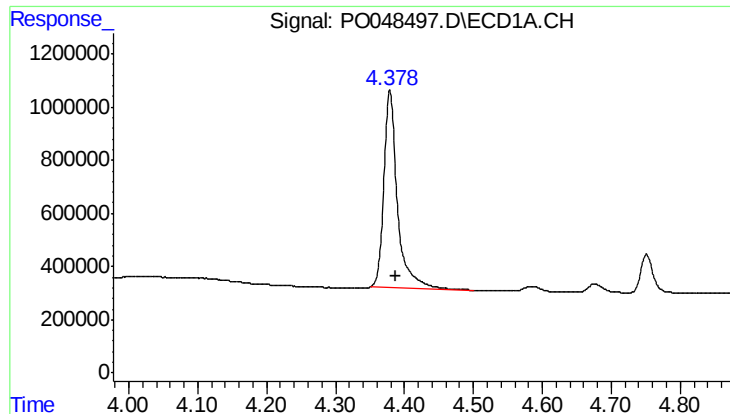
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 13:30:54 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0082418.M
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 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
39)	L8 AR-1262-4	8.686	7.510	1488421	2437702	108.969	181.148 #
40)	L8 AR-1262-5	9.330	8.065	2403292	2417920	259.919	234.758
41)	L9 AR-1268-1	7.756	6.729	4060817	6035712	765.316	780.296
42)	L9 AR-1268-2	7.981	7.574	4450058	7495218	651.681	248.317 #
43)	L9 AR-1268-3	8.616	7.780	5490550	190491	212.821	7.670 #
44)	L9 AR-1268-4	8.911	7.870	172515	153152	8.379	23.410 #
45)	L9 AR-1268-5	9.729	8.350	659142	622909	10.860	10.005

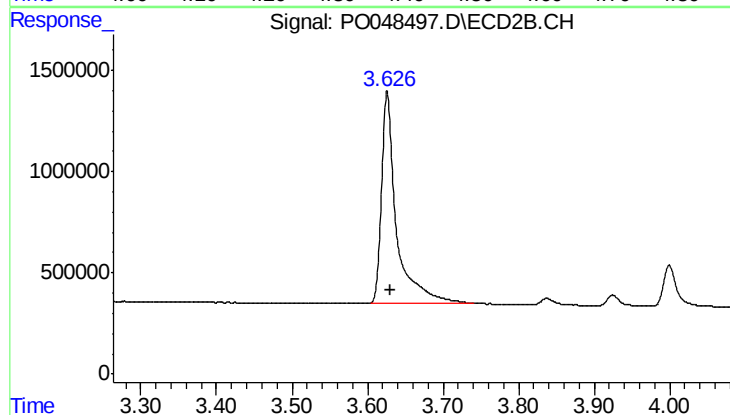
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

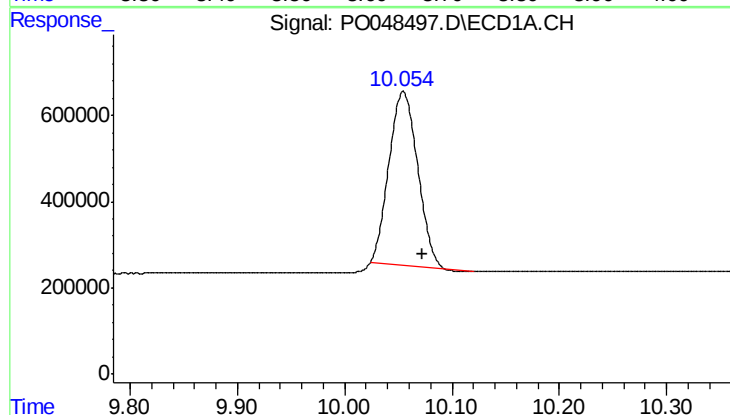
R.T.: 4.379 min
Delta R.T.: -0.009 min
Response: 10098705
Conc: 53.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



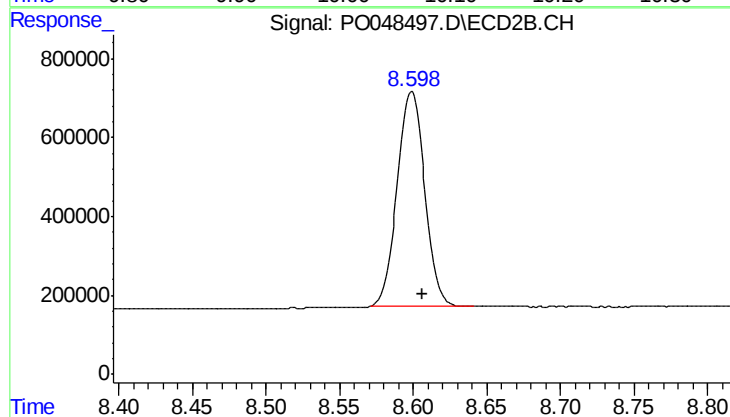
#1 Tetrachloro-m-xylene

R.T.: 3.626 min
Delta R.T.: -0.004 min
Response: 14677357
Conc: 54.21 ng/ml



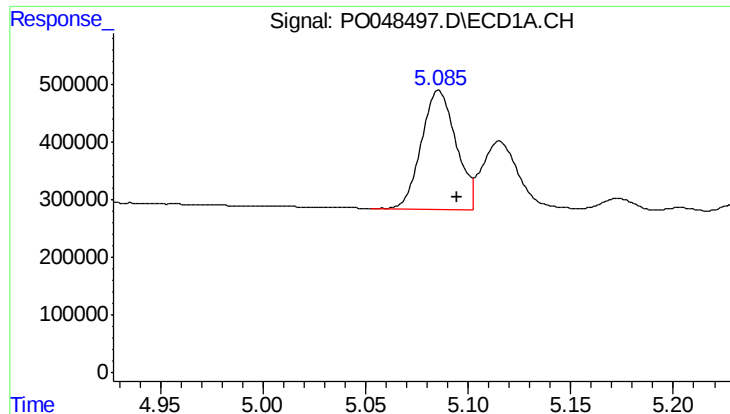
#2 Decachlorobiphenyl

R.T.: 10.055 min
Delta R.T.: -0.017 min
Response: 7475419
Conc: 43.41 ng/ml



#2 Decachlorobiphenyl

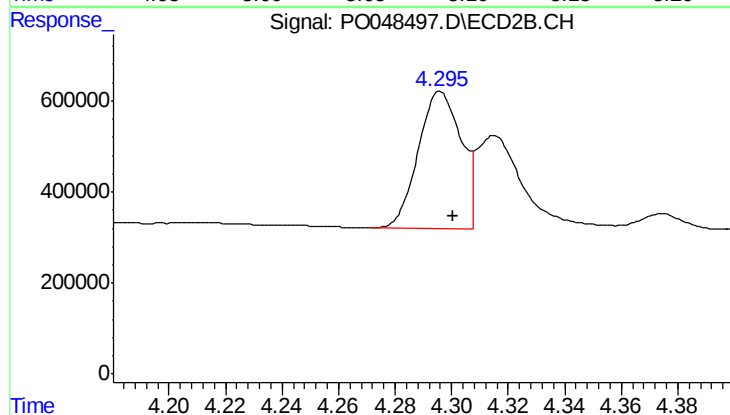
R.T.: 8.599 min
Delta R.T.: -0.008 min
Response: 7080786
Conc: 42.28 ng/ml



#3 AR-1016-1

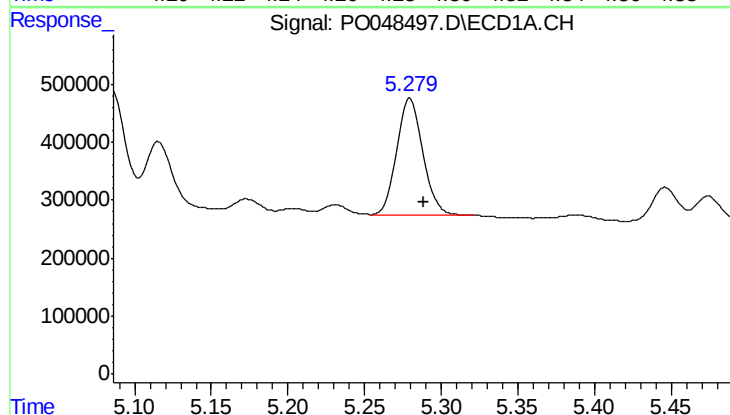
R.T.: 5.086 min
Delta R.T.: -0.009 min
Response: 2433239
Conc: 510.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



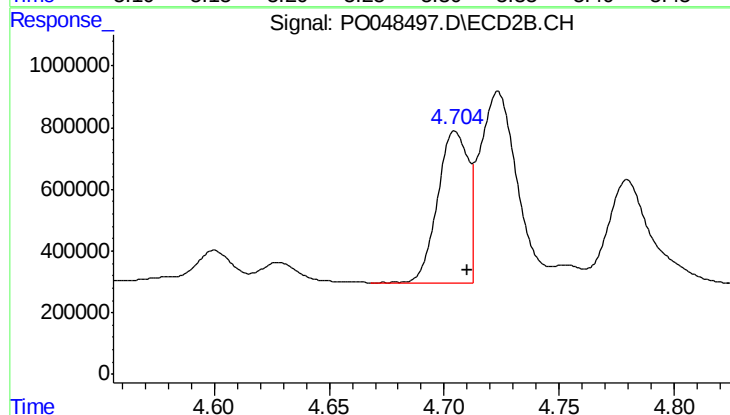
#3 AR-1016-1

R.T.: 4.296 min
Delta R.T.: -0.005 min
Response: 3196869
Conc: 533.50 ng/ml



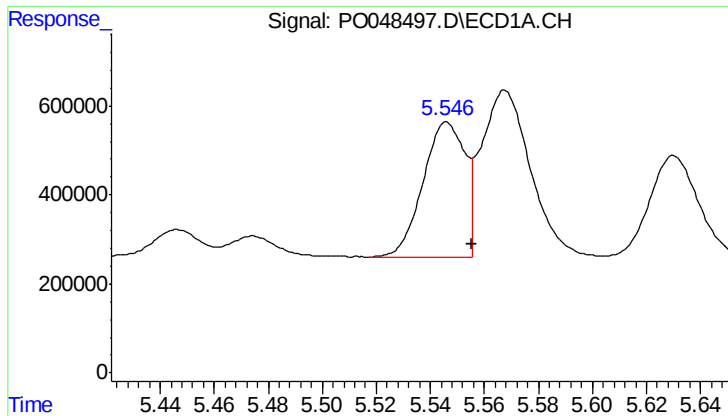
#4 AR-1016-2

R.T.: 5.279 min
Delta R.T.: -0.009 min
Response: 2380243
Conc: 507.61 ng/ml



#4 AR-1016-2

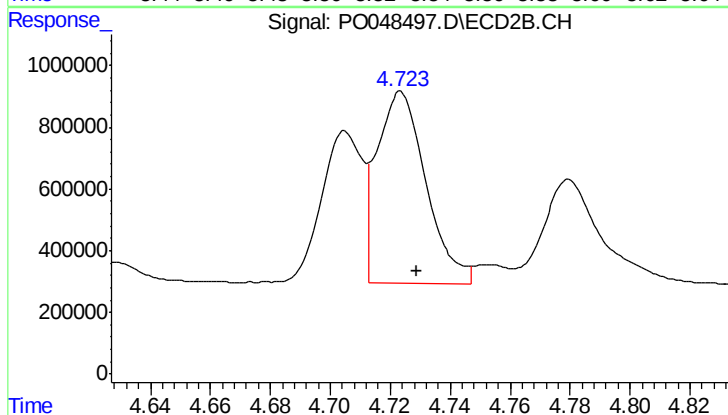
R.T.: 4.705 min
Delta R.T.: -0.005 min
Response: 4628634
Conc: 526.92 ng/ml



#5 AR-1016-3

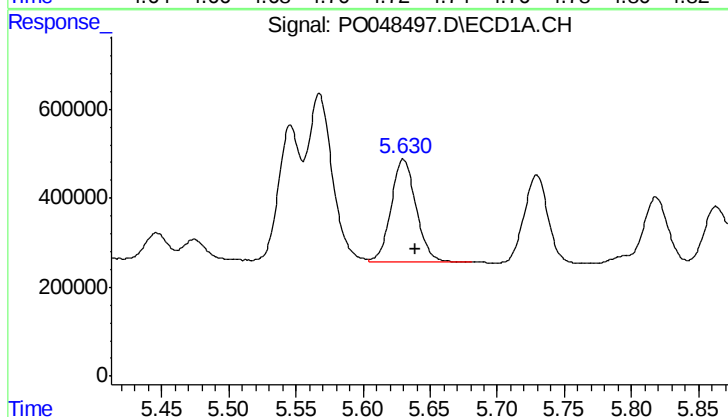
R.T.: 5.546 min
Delta R.T.: -0.009 min
Response: 3276279
Conc: 481.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



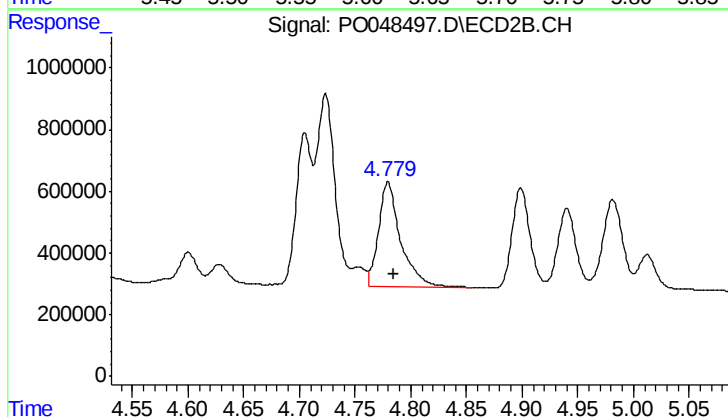
#5 AR-1016-3

R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 7075098
Conc: 552.71 ng/ml



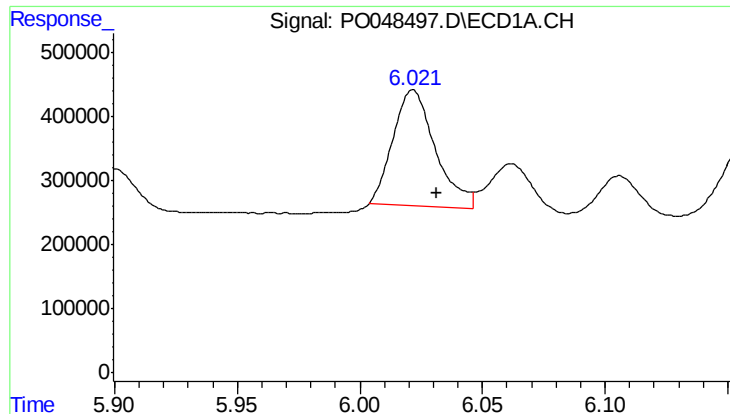
#6 AR-1016-4

R.T.: 5.630 min
Delta R.T.: -0.009 min
Response: 2960900
Conc: 487.04 ng/ml



#6 AR-1016-4

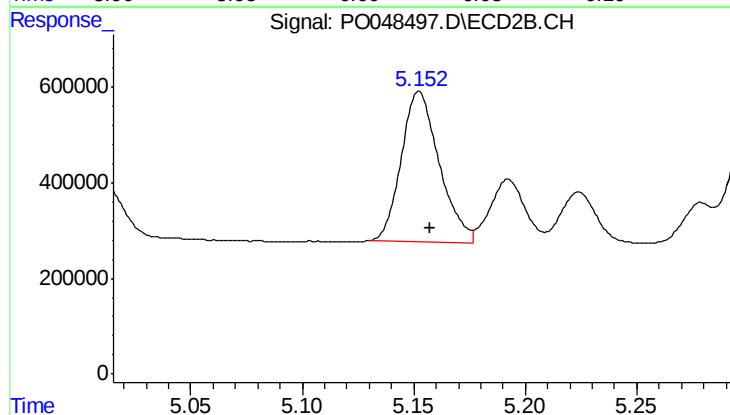
R.T.: 4.780 min
Delta R.T.: -0.005 min
Response: 4641220
Conc: 565.92 ng/ml



#7 AR-1016-5

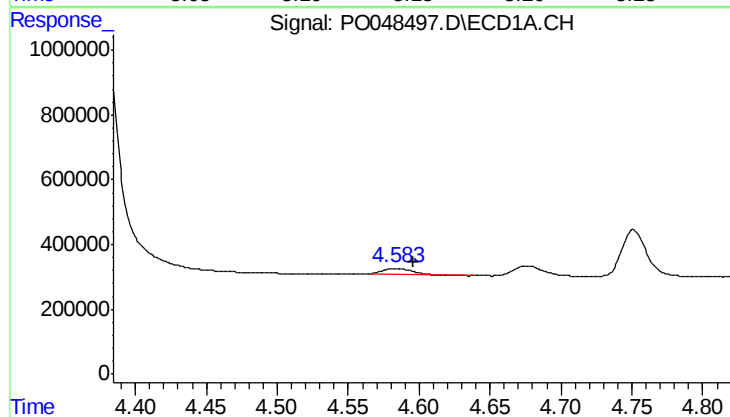
R.T.: 6.022 min
Delta R.T.: -0.010 min
Response: 2160984
Conc: 432.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



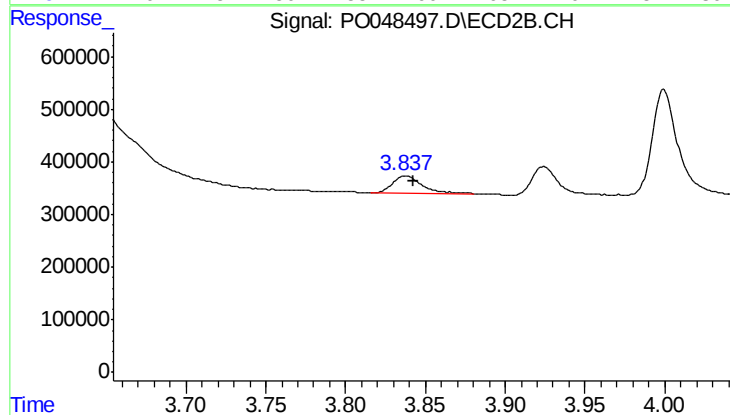
#7 AR-1016-5

R.T.: 5.152 min
Delta R.T.: -0.005 min
Response: 3714068
Conc: 502.48 ng/ml



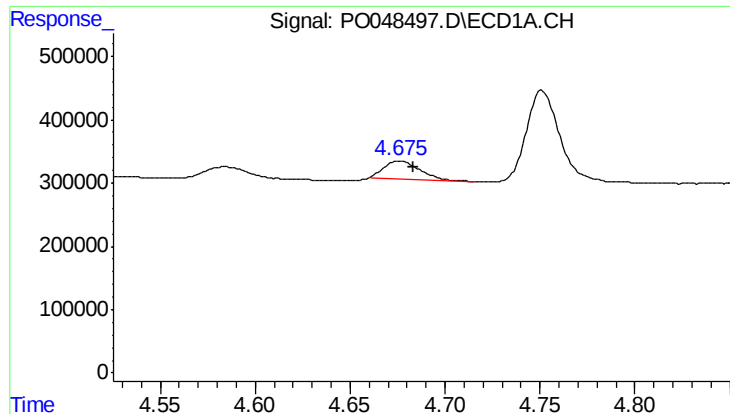
#8 AR-1221-1

R.T.: 4.584 min
Delta R.T.: -0.012 min
Response: 242914
Conc: 115.54 ng/ml



#8 AR-1221-1

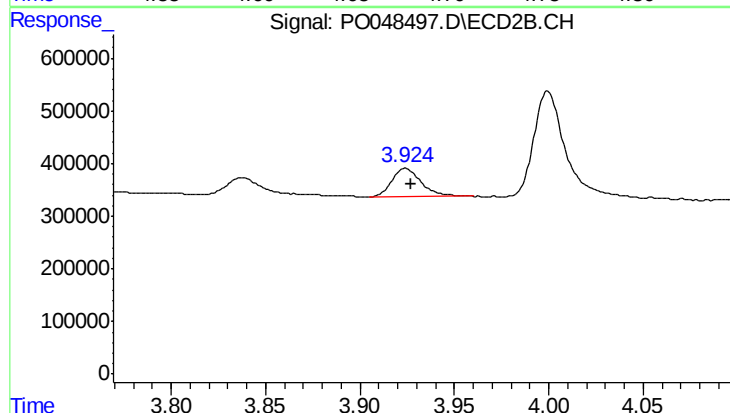
R.T.: 3.837 min
Delta R.T.: -0.005 min
Response: 407864
Conc: 154.98 ng/ml



#9 AR-1221-2

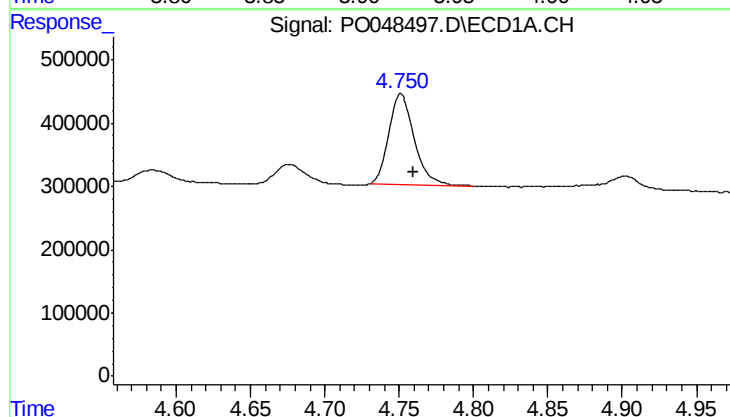
R.T.: 4.676 min
Delta R.T.: -0.007 min
Response: 352686
Conc: 232.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



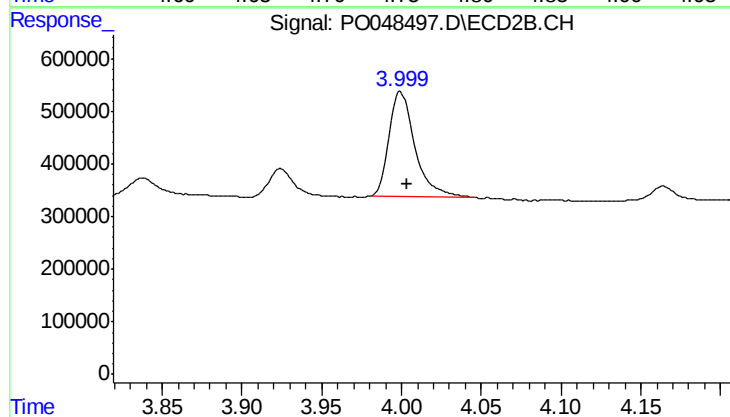
#9 AR-1221-2

R.T.: 3.924 min
Delta R.T.: -0.003 min
Response: 591891
Conc: 307.66 ng/ml



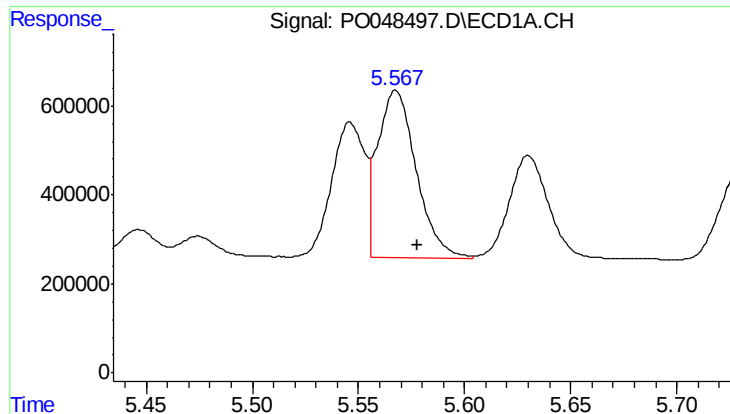
#10 AR-1221-3

R.T.: 4.751 min
Delta R.T.: -0.008 min
Response: 1720481
Conc: 346.80 ng/ml



#10 AR-1221-3

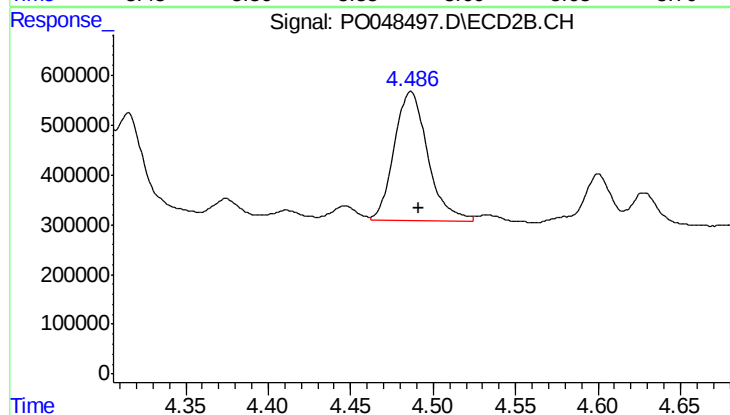
R.T.: 3.999 min
Delta R.T.: -0.004 min
Response: 2240581
Conc: 359.33 ng/ml



#11 AR-1232-1

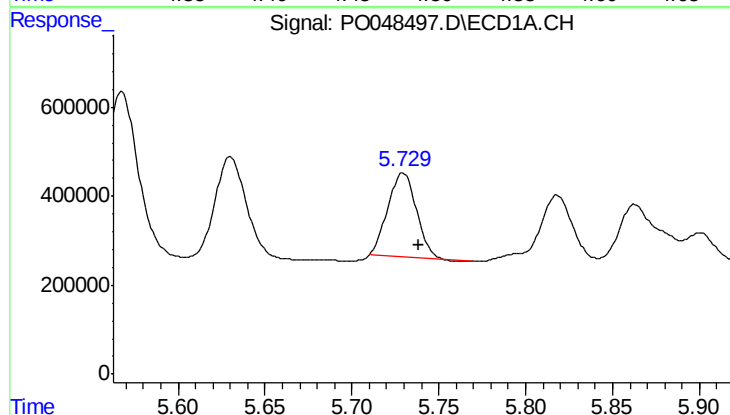
R.T.: 5.568 min
Delta R.T.: -0.010 min
Response: 4776266
Conc: 1062.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



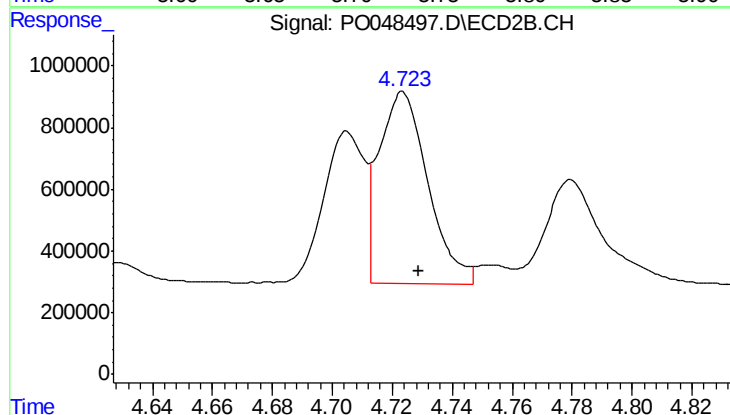
#11 AR-1232-1

R.T.: 4.486 min
Delta R.T.: -0.005 min
Response: 3699326
Conc: 1267.55 ng/ml



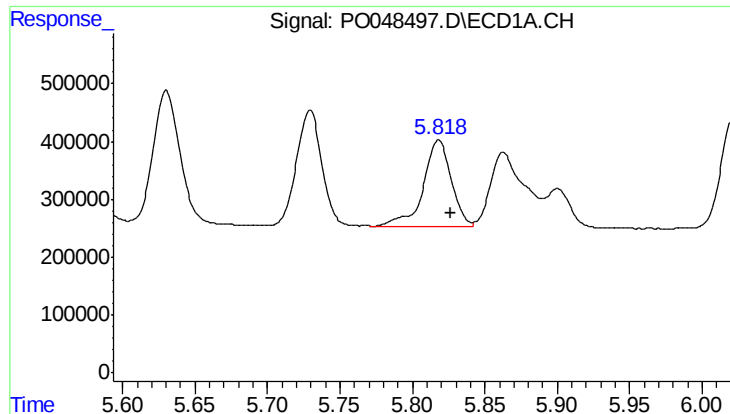
#12 AR-1232-2

R.T.: 5.729 min
Delta R.T.: -0.009 min
Response: 2110079
Conc: 928.79 ng/ml



#12 AR-1232-2

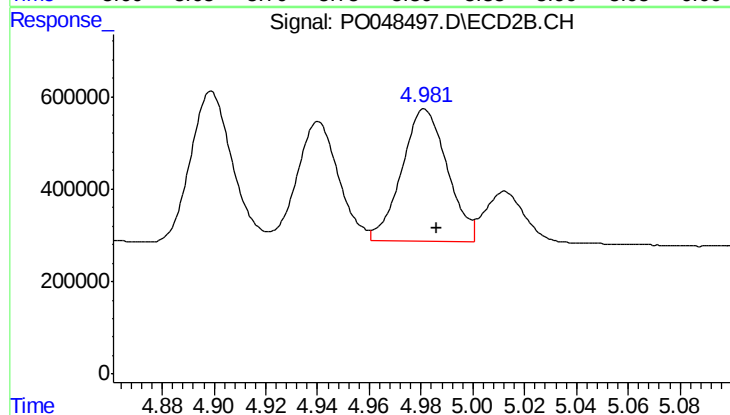
R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 7075098
Conc: 1181.54 ng/ml



#13 AR-1232-3

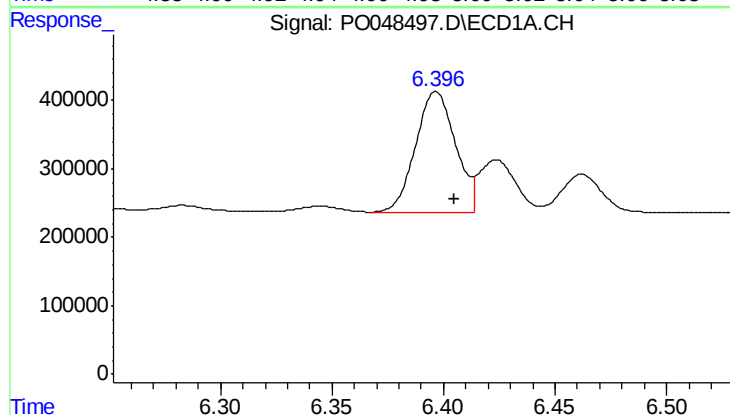
R.T.: 5.818 min
Delta R.T.: -0.008 min
Response: 2014760
Conc: 1198.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



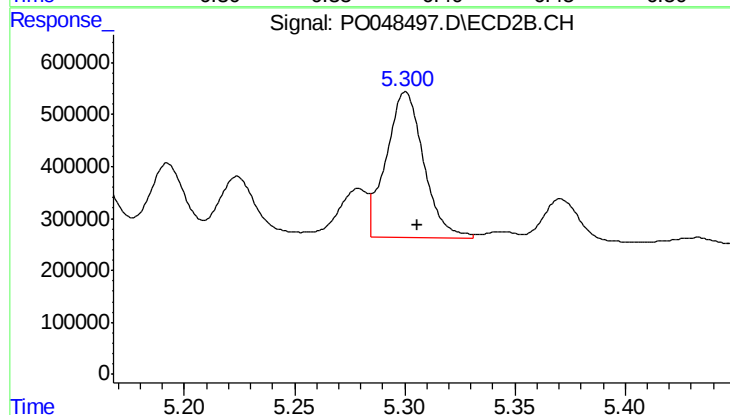
#13 AR-1232-3

R.T.: 4.981 min
Delta R.T.: -0.005 min
Response: 3498654
Conc: 1331.19 ng/ml



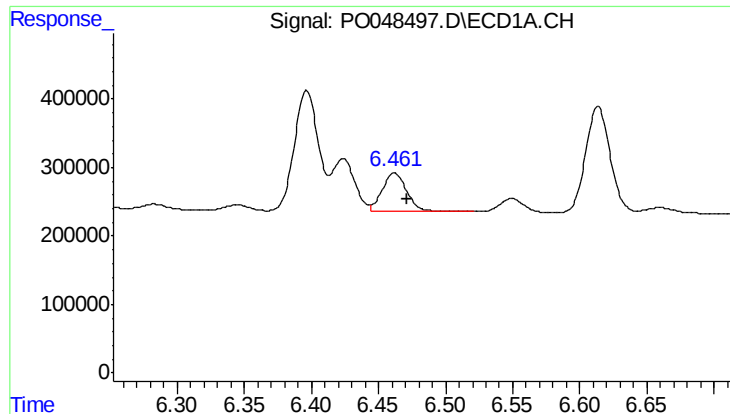
#14 AR-1232-4

R.T.: 6.397 min
Delta R.T.: -0.009 min
Response: 2192086
Conc: 1353.37 ng/ml



#14 AR-1232-4

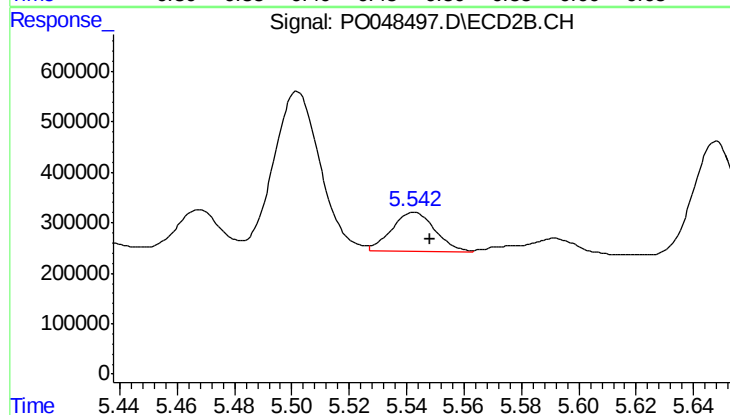
R.T.: 5.300 min
Delta R.T.: -0.005 min
Response: 3341680
Conc: 1204.55 ng/ml



#15 AR-1232-5

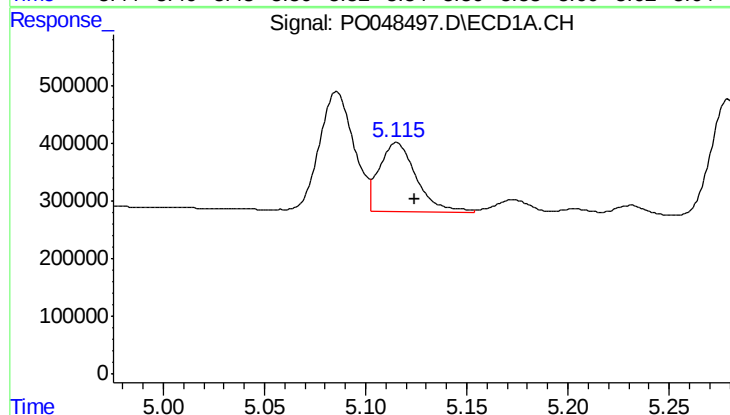
R.T.: 6.462 min
Delta R.T.: -0.010 min
Response: 702981
Conc: 298.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



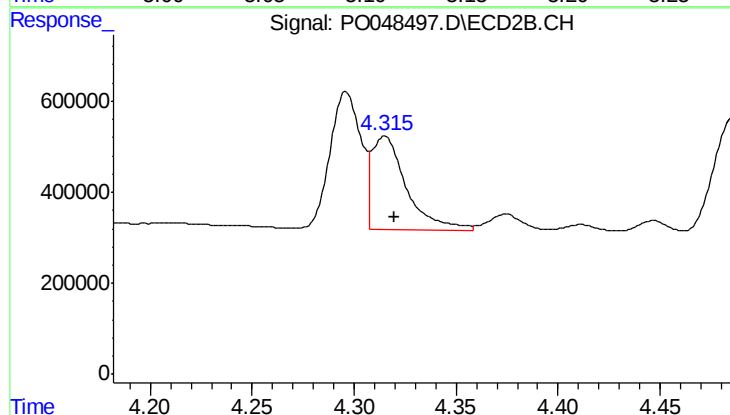
#15 AR-1232-5

R.T.: 5.543 min
Delta R.T.: -0.005 min
Response: 833142
Conc: 270.66 ng/ml



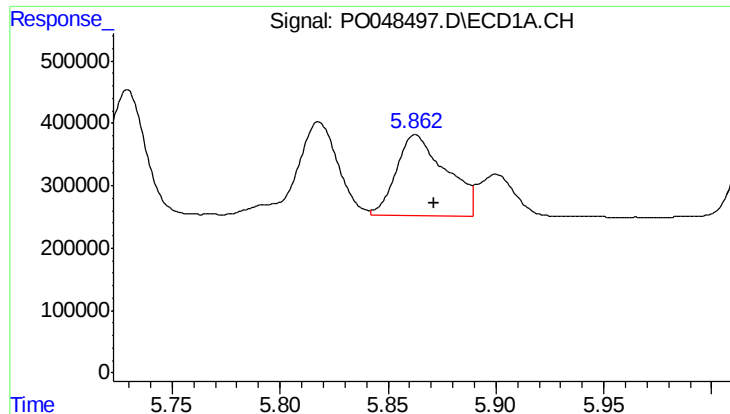
#16 AR-1242-1

R.T.: 5.115 min
Delta R.T.: -0.009 min
Response: 1523609
Conc: 636.00 ng/ml



#16 AR-1242-1

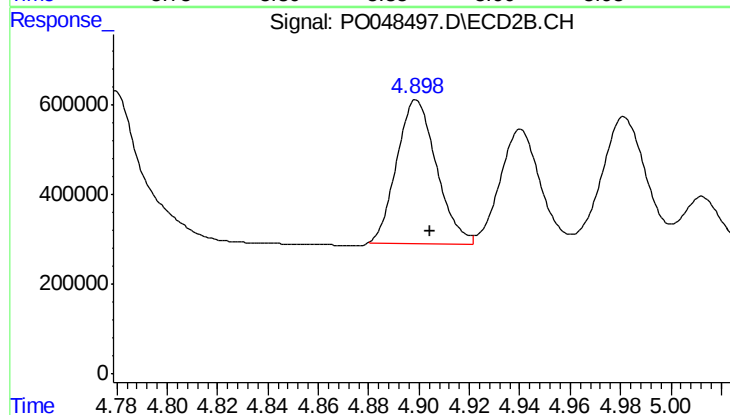
R.T.: 4.315 min
Delta R.T.: -0.005 min
Response: 2429586
Conc: 694.76 ng/ml



#17 AR-1242-2

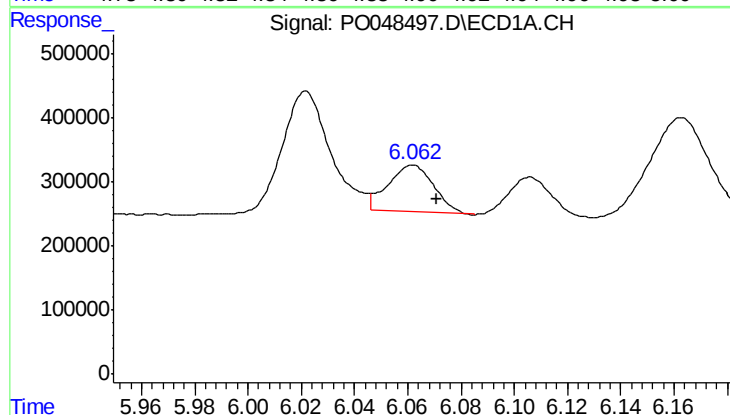
R.T.: 5.863 min
Delta R.T.: -0.009 min
Response: 2091437
Conc: 577.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



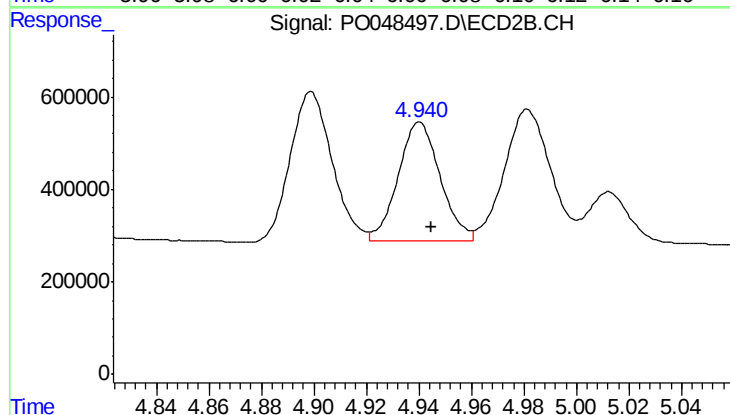
#17 AR-1242-2

R.T.: 4.899 min
Delta R.T.: -0.005 min
Response: 3499553
Conc: 639.78 ng/ml



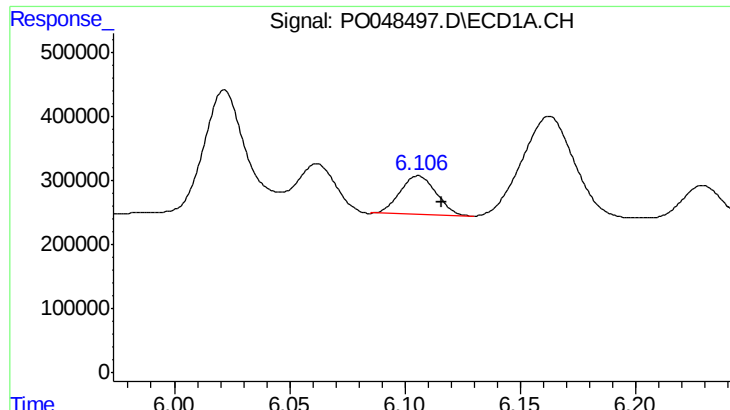
#18 AR-1242-3

R.T.: 6.062 min
Delta R.T.: -0.009 min
Response: 858437
Conc: 497.48 ng/ml



#18 AR-1242-3

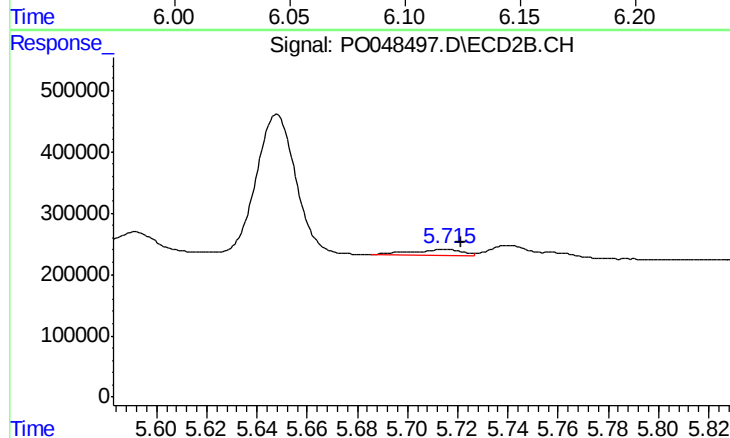
R.T.: 4.940 min
Delta R.T.: -0.004 min
Response: 2861201
Conc: 681.80 ng/ml



#19 AR-1242-4

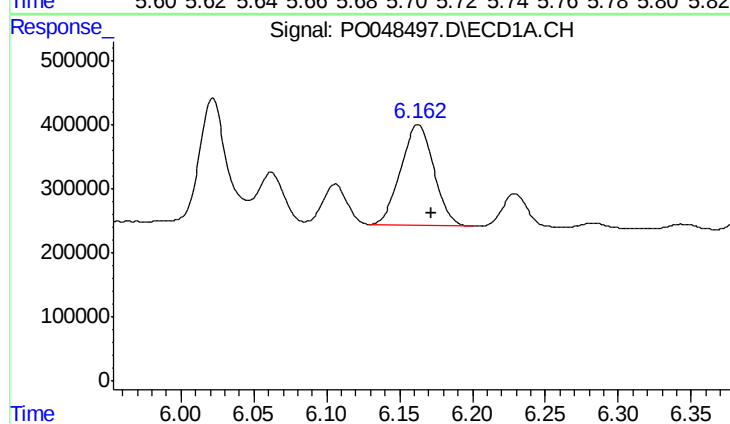
R.T.: 6.106 min
Delta R.T.: -0.010 min
Response: 663815
Conc: 514.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



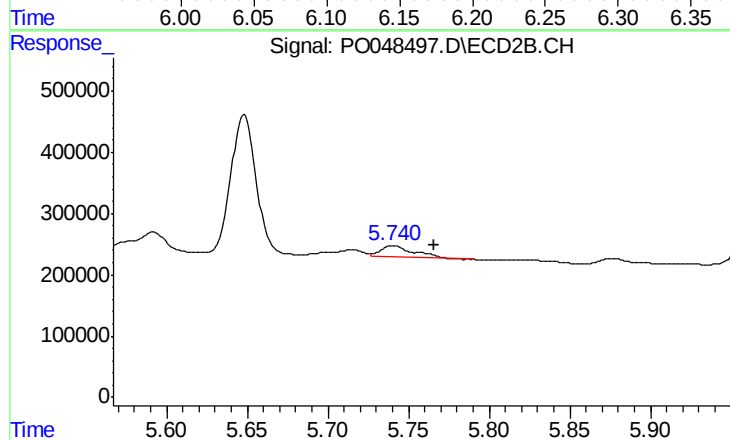
#19 AR-1242-4

R.T.: 5.716 min
Delta R.T.: -0.006 min
Response: 154211
Conc: 34.99 ng/ml



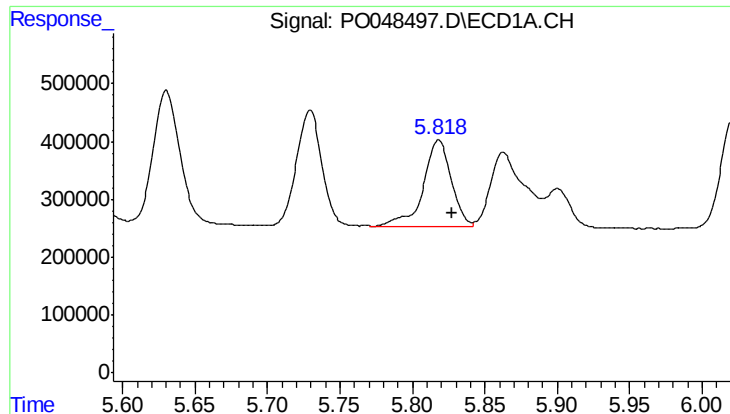
#20 AR-1242-5

R.T.: 6.163 min
Delta R.T.: -0.009 min
Response: 2478125
Conc: 554.56 ng/ml



#20 AR-1242-5

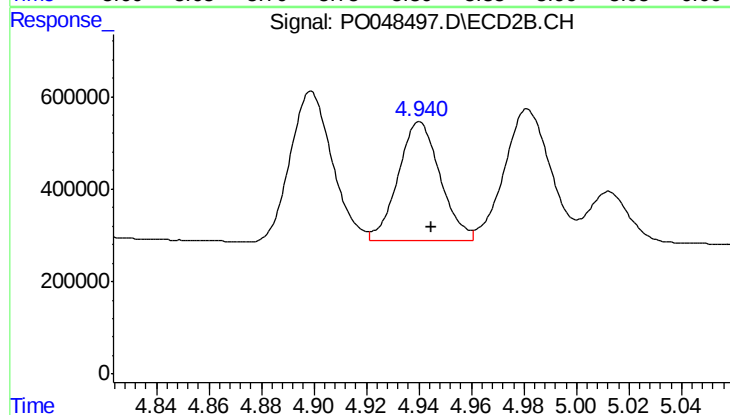
R.T.: 5.740 min
Delta R.T.: -0.026 min
Response: 262698
Conc: 71.46 ng/ml



#21 AR-1248-1

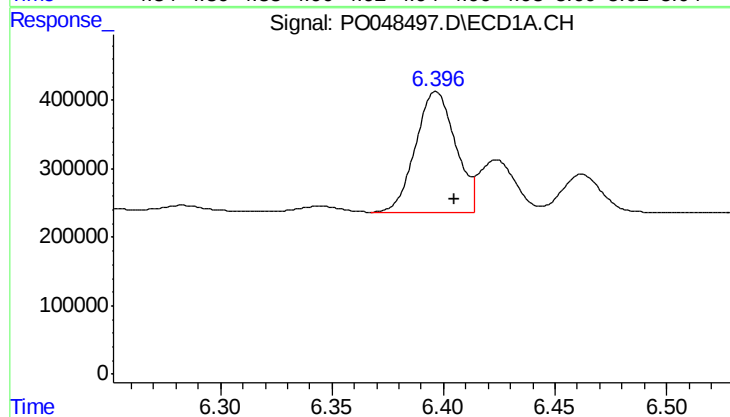
R.T.: 5.818 min
Delta R.T.: -0.009 min
Response: 2014760
Conc: 341.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



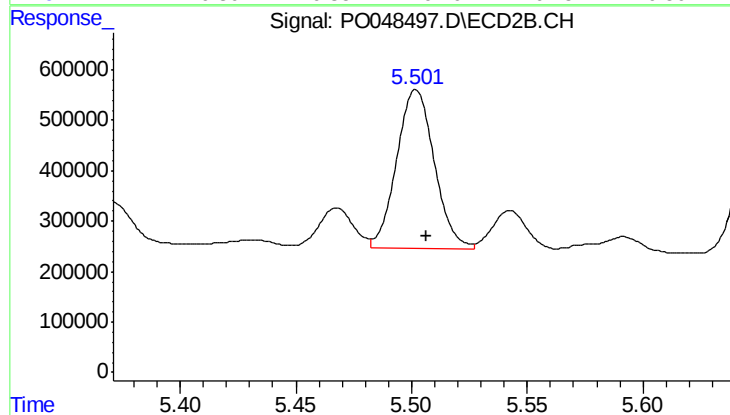
#21 AR-1248-1

R.T.: 4.940 min
Delta R.T.: -0.004 min
Response: 2861201
Conc: 377.56 ng/ml



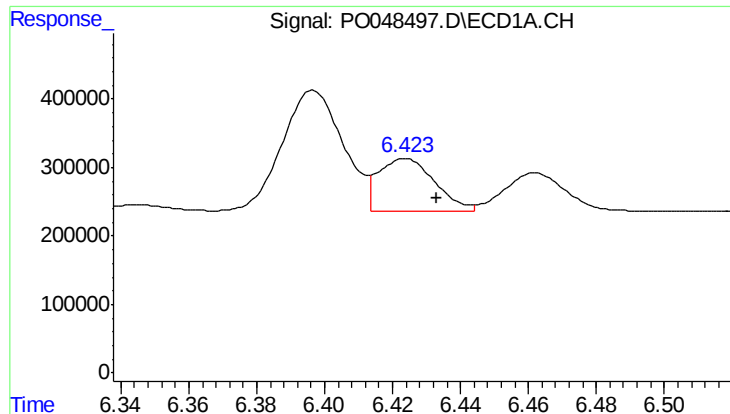
#22 AR-1248-2

R.T.: 6.397 min
Delta R.T.: -0.008 min
Response: 2192086
Conc: 377.15 ng/ml



#22 AR-1248-2

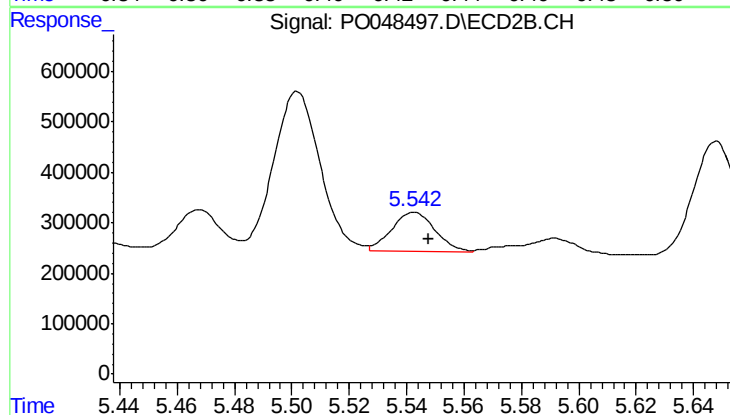
R.T.: 5.502 min
Delta R.T.: -0.005 min
Response: 3540978
Conc: 268.96 ng/ml



#23 AR-1248-3

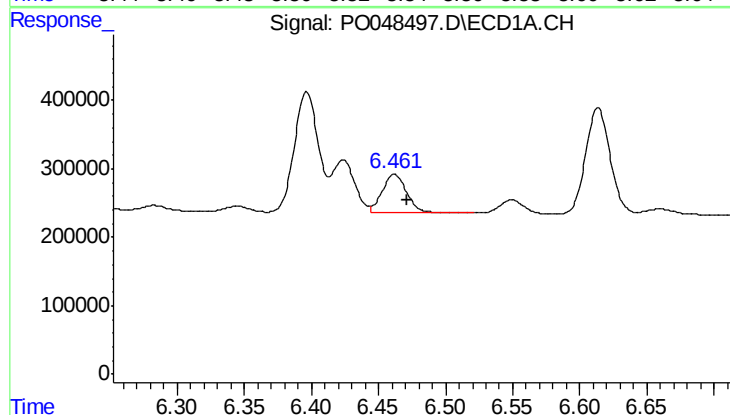
R.T.: 6.424 min
Delta R.T.: -0.009 min
Response: 879115
Conc: 113.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



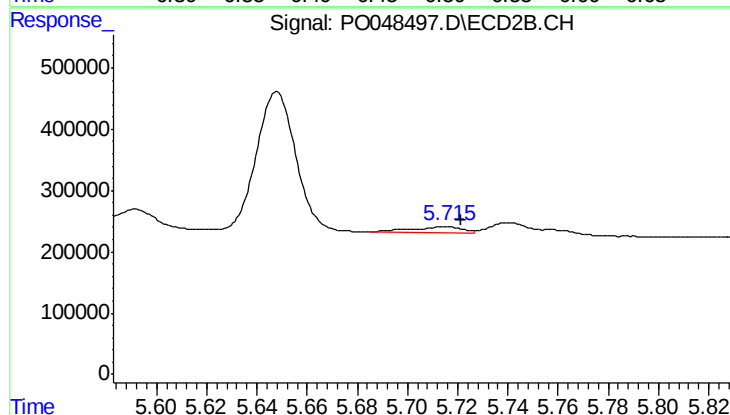
#23 AR-1248-3

R.T.: 5.543 min
Delta R.T.: -0.005 min
Response: 833142
Conc: 91.32 ng/ml



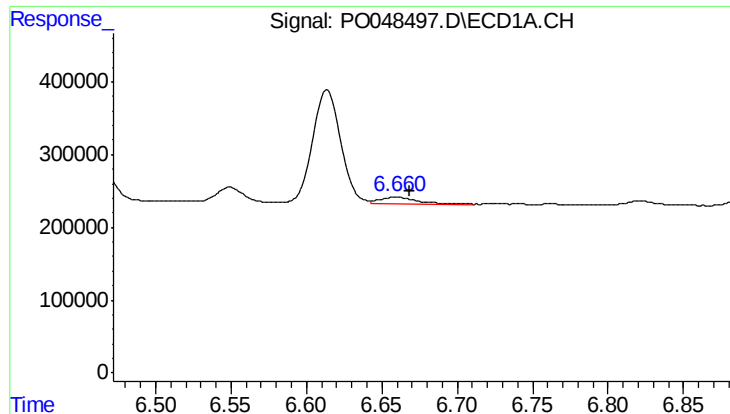
#24 AR-1248-4

R.T.: 6.462 min
Delta R.T.: -0.010 min
Response: 702981
Conc: 95.97 ng/ml



#24 AR-1248-4

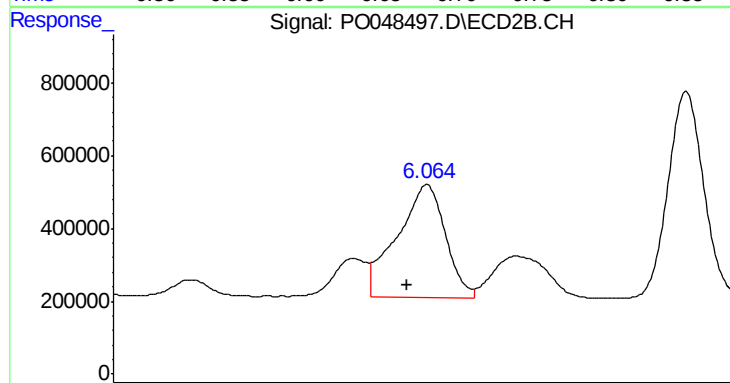
R.T.: 5.716 min
Delta R.T.: -0.006 min
Response: 154211
Conc: 19.54 ng/ml



#25 AR-1248-5

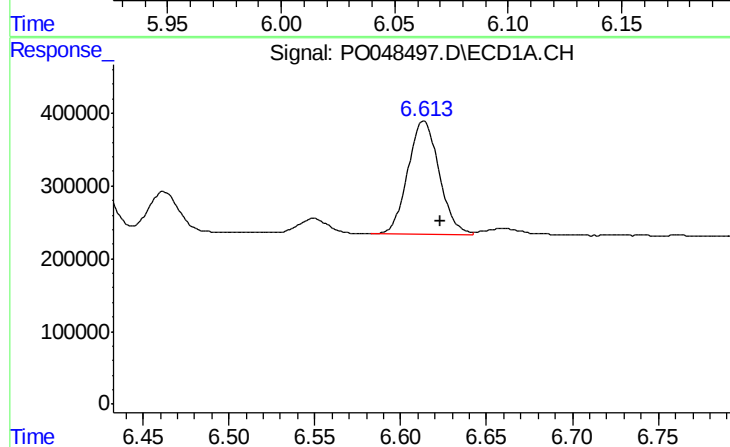
R.T.: 6.660 min
Delta R.T.: -0.008 min
Response: 144530
Conc: 29.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



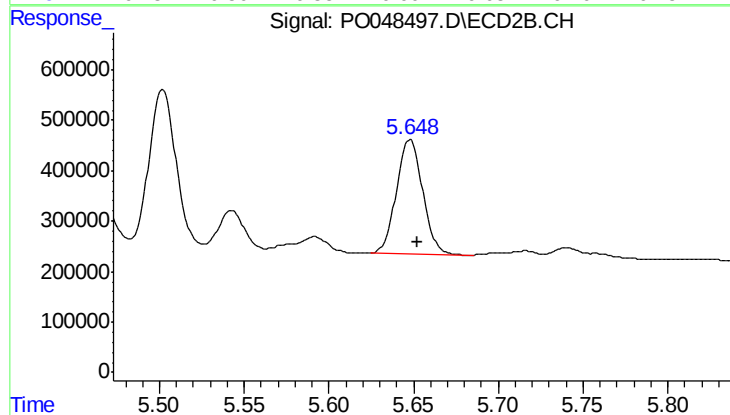
#25 AR-1248-5

R.T.: 6.064 min
Delta R.T.: 0.009 min
Response: 4577624
Conc: 763.69 ng/ml



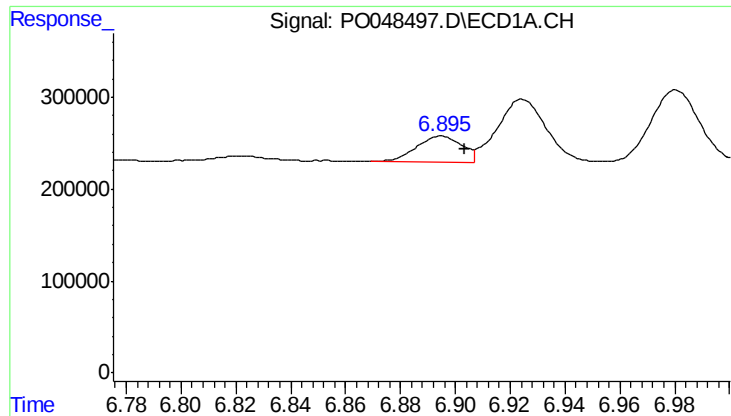
#26 AR-1254-1

R.T.: 6.614 min
Delta R.T.: -0.010 min
Response: 1978772
Conc: 145.77 ng/ml



#26 AR-1254-1

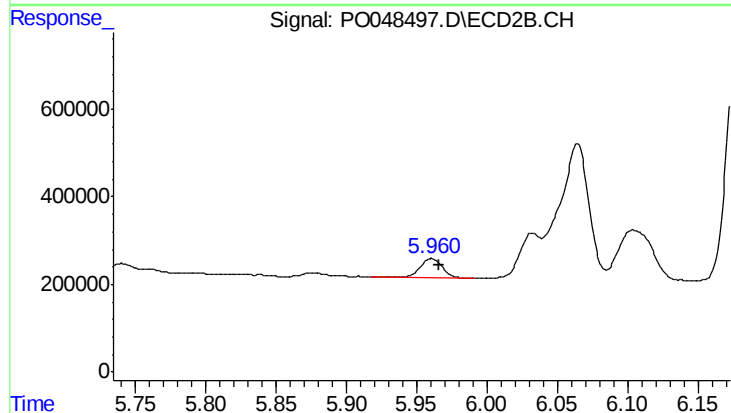
R.T.: 5.648 min
Delta R.T.: -0.005 min
Response: 2461941
Conc: 171.12 ng/ml



#27 AR-1254-2

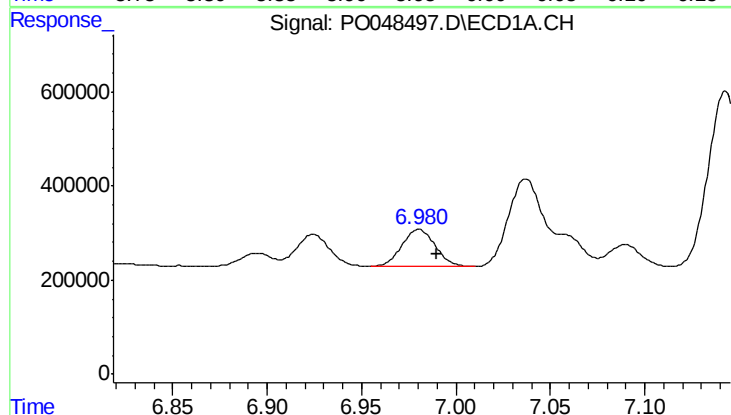
R.T.: 6.895 min
Delta R.T.: -0.009 min
Response: 323449
Conc: 39.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



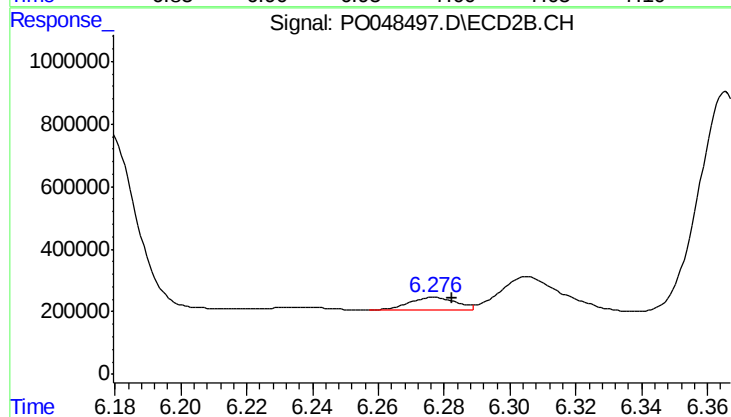
#27 AR-1254-2

R.T.: 5.960 min
Delta R.T.: -0.005 min
Response: 482479
Conc: 41.66 ng/ml



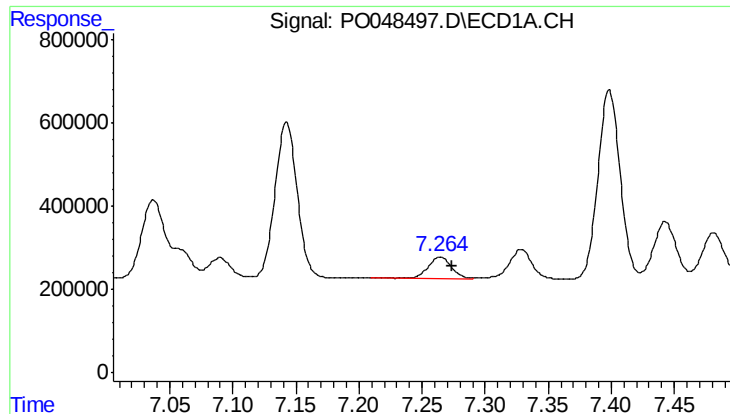
#28 AR-1254-3

R.T.: 6.980 min
Delta R.T.: -0.009 min
Response: 978332
Conc: 68.19 ng/ml



#28 AR-1254-3

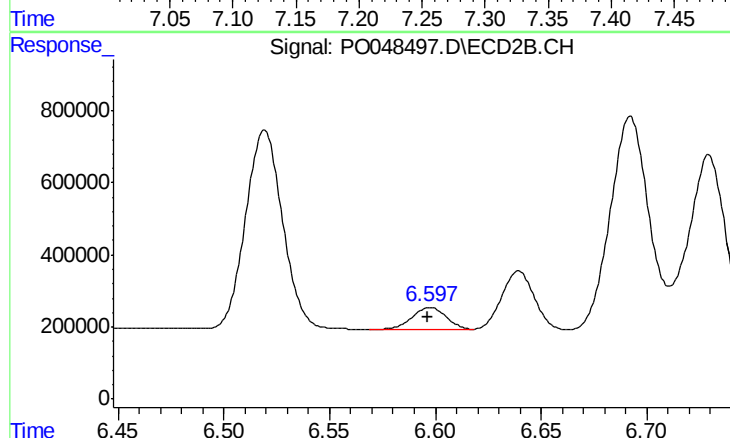
R.T.: 6.277 min
Delta R.T.: -0.005 min
Response: 426524
Conc: 29.12 ng/ml



#29 AR-1254-4

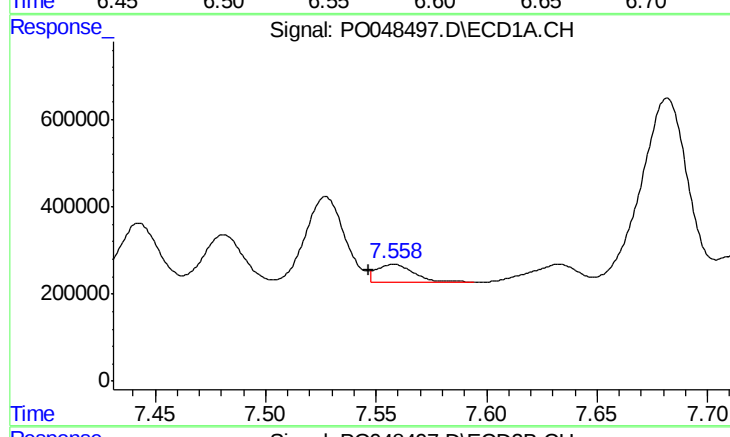
R.T.: 7.264 min
Delta R.T.: -0.009 min
Response: 644725
Conc: 58.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



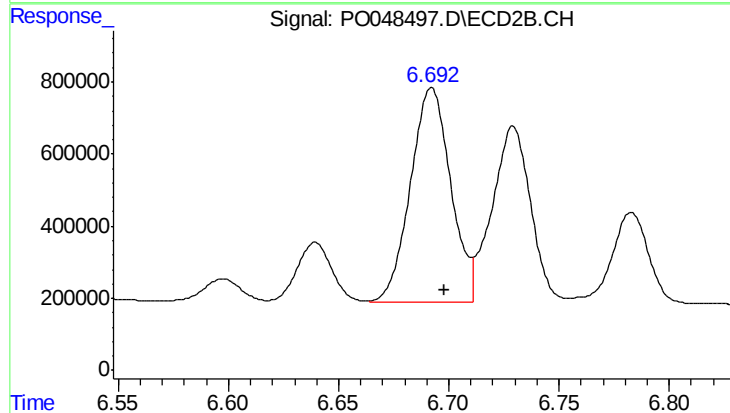
#29 AR-1254-4

R.T.: 6.598 min
Delta R.T.: 0.001 min
Response: 703932
Conc: 71.53 ng/ml



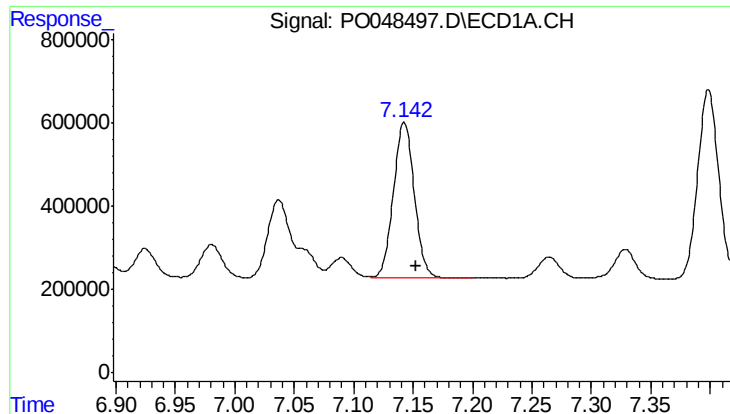
#30 AR-1254-5

R.T.: 7.558 min
Delta R.T.: 0.011 min
Response: 514295
Conc: 63.11 ng/ml



#30 AR-1254-5

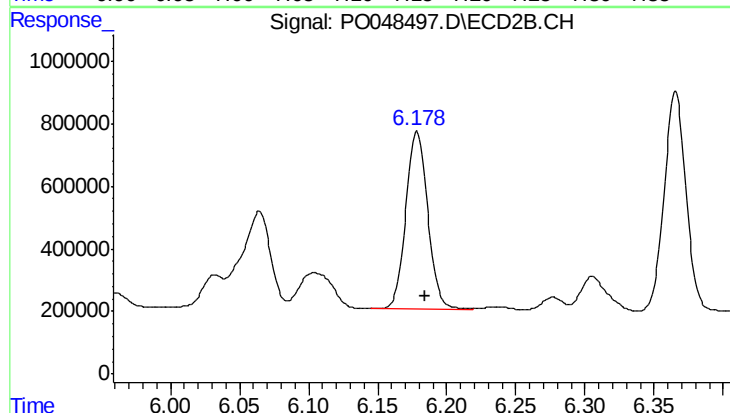
R.T.: 6.692 min
Delta R.T.: -0.006 min
Response: 7573555
Conc: 388.64 ng/ml



#31 AR-1260-1

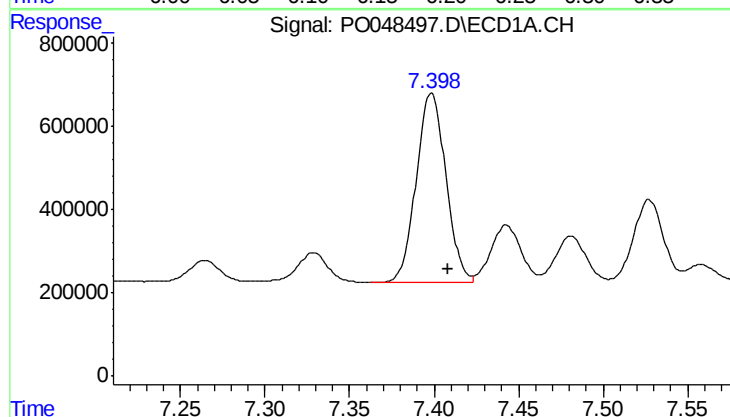
R.T.: 7.143 min
Delta R.T.: -0.010 min
Response: 4565736
Conc: 458.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



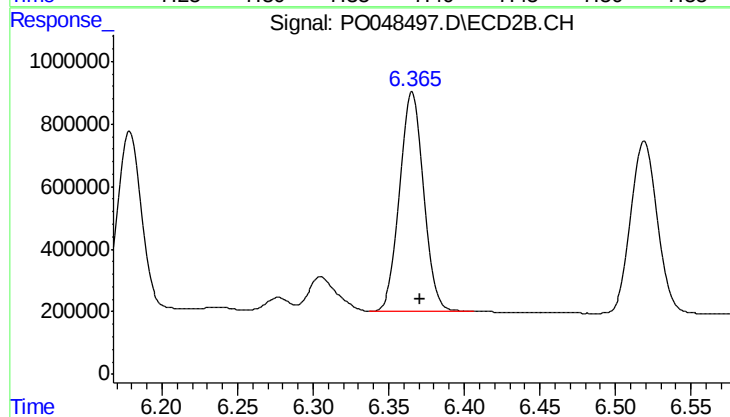
#31 AR-1260-1

R.T.: 6.178 min
Delta R.T.: -0.006 min
Response: 6287252
Conc: 454.00 ng/ml



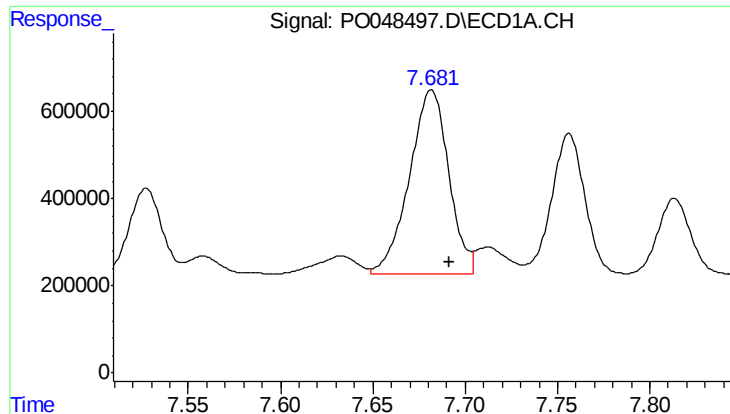
#32 AR-1260-2

R.T.: 7.398 min
Delta R.T.: -0.010 min
Response: 5530212
Conc: 461.66 ng/ml



#32 AR-1260-2

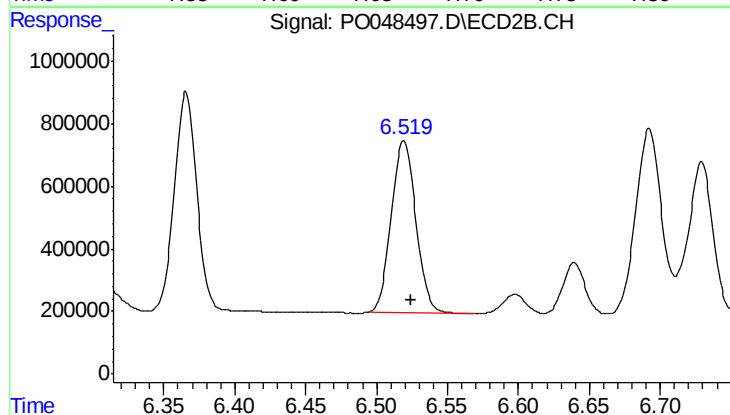
R.T.: 6.366 min
Delta R.T.: -0.005 min
Response: 7665313
Conc: 436.93 ng/ml



#33 AR-1260-3

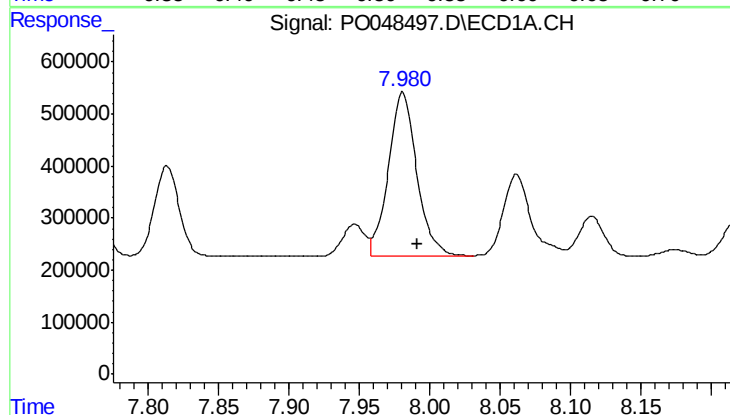
R.T.: 7.682 min
Delta R.T.: -0.010 min
Response: 6301509
Conc: 459.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



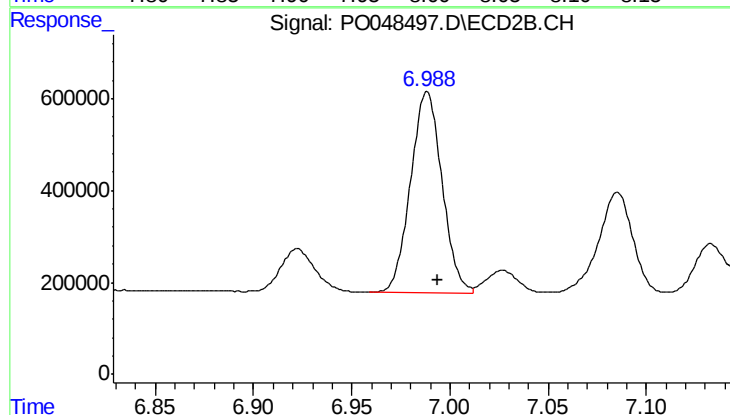
#33 AR-1260-3

R.T.: 6.519 min
Delta R.T.: -0.005 min
Response: 6602069
Conc: 430.57 ng/ml



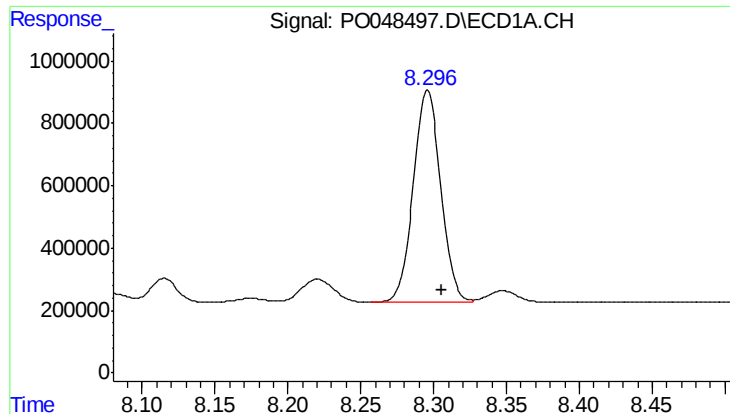
#34 AR-1260-4

R.T.: 7.981 min
Delta R.T.: -0.011 min
Response: 4450058
Conc: 449.47 ng/ml



#34 AR-1260-4

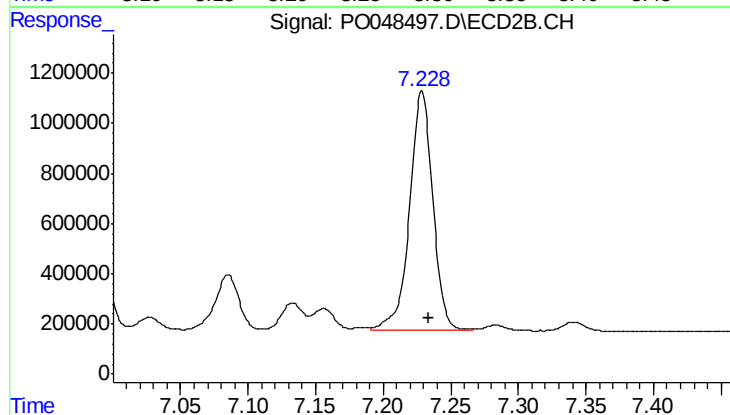
R.T.: 6.988 min
Delta R.T.: -0.006 min
Response: 4866683
Conc: 418.11 ng/ml



#35 AR-1260-5

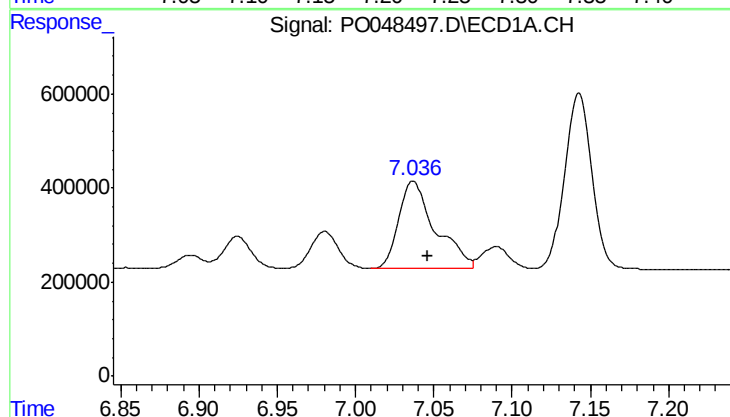
R.T.: 8.296 min
Delta R.T.: -0.010 min
Response: 8893759
Conc: 465.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



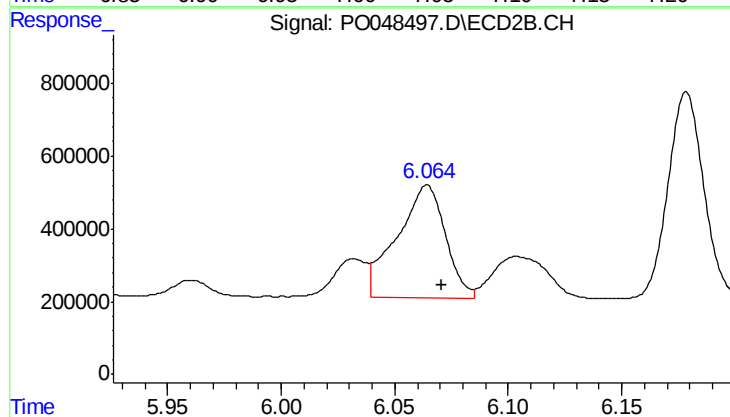
#35 AR-1260-5

R.T.: 7.229 min
Delta R.T.: -0.005 min
Response: 11495851
Conc: 424.54 ng/ml



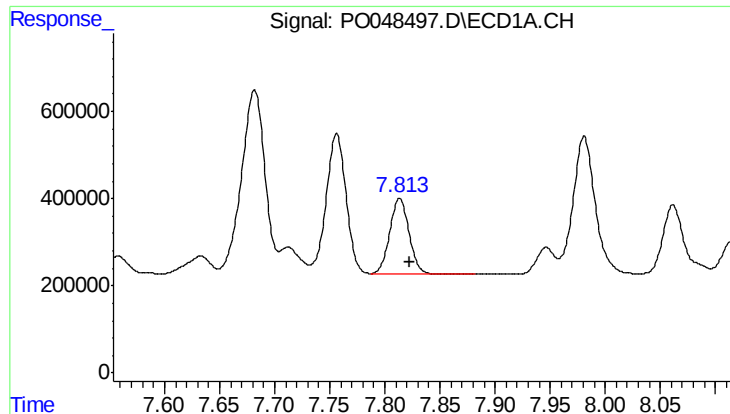
#36 AR-1262-1

R.T.: 7.037 min
Delta R.T.: -0.009 min
Response: 3020952
Conc: 386.81 ng/ml



#36 AR-1262-1

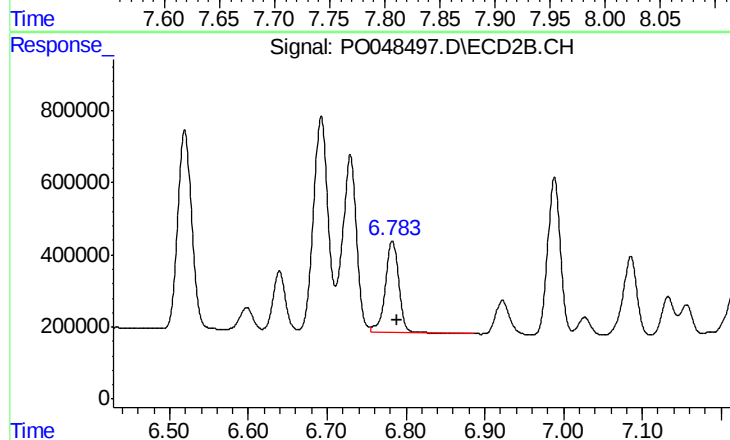
R.T.: 6.064 min
Delta R.T.: -0.006 min
Response: 4577624
Conc: 430.65 ng/ml



#37 AR-1262-2

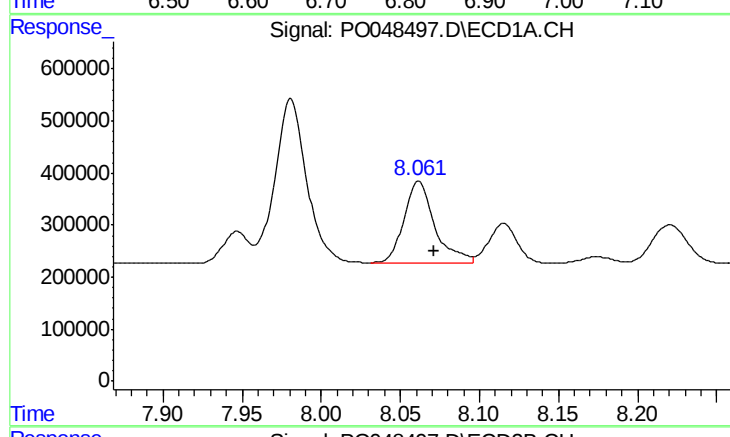
R.T.: 7.813 min
Delta R.T.: -0.010 min
Response: 2131732
Conc: 331.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



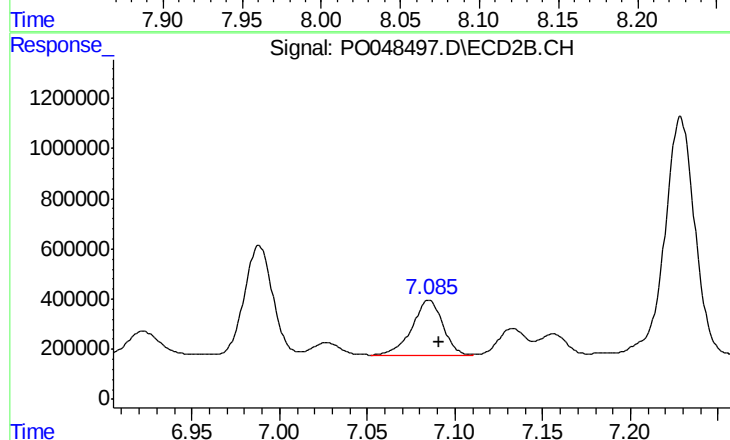
#37 AR-1262-2

R.T.: 6.783 min
Delta R.T.: -0.005 min
Response: 2984645
Conc: 312.23 ng/ml



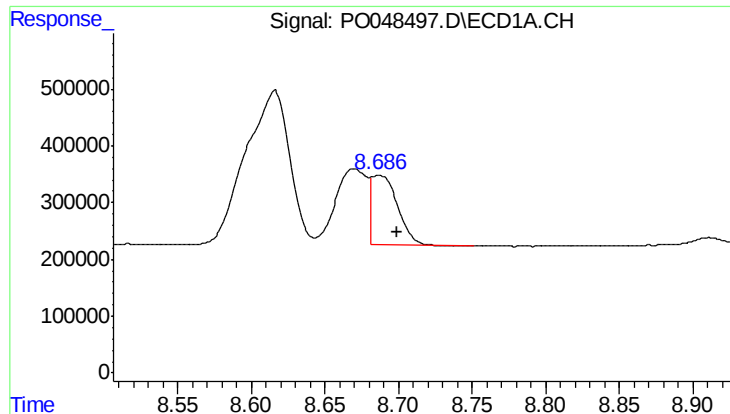
#38 AR-1262-3

R.T.: 8.061 min
Delta R.T.: -0.010 min
Response: 2176288
Conc: 315.19 ng/ml



#38 AR-1262-3

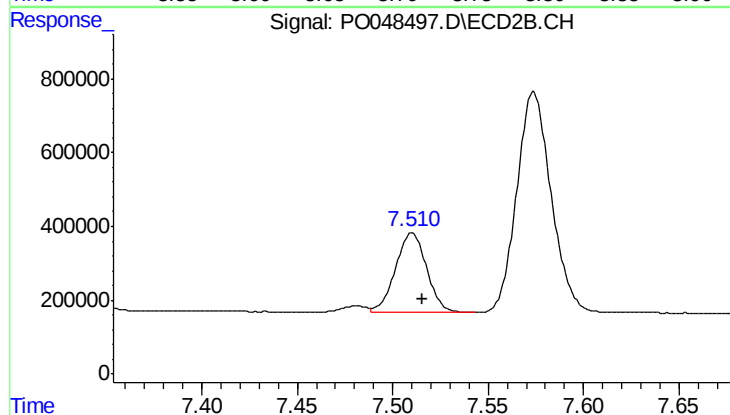
R.T.: 7.085 min
Delta R.T.: -0.006 min
Response: 2683711
Conc: 284.24 ng/ml



#39 AR-1262-4

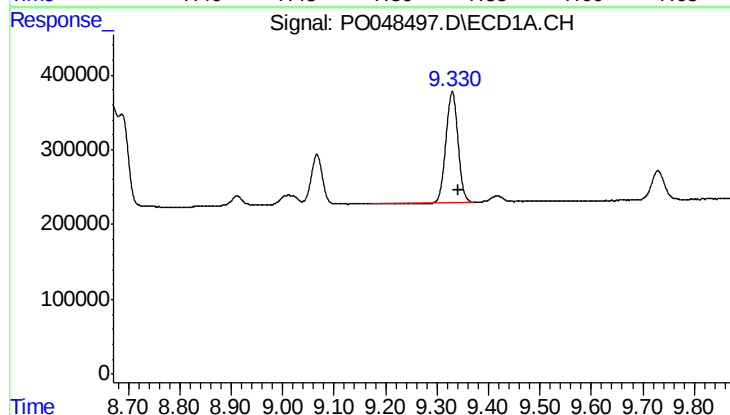
R.T.: 8.686 min
Delta R.T.: -0.012 min
Response: 1488421
Conc: 108.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



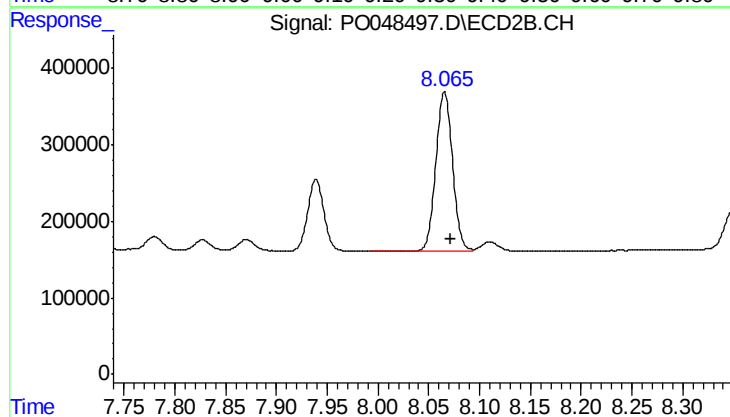
#39 AR-1262-4

R.T.: 7.510 min
Delta R.T.: -0.006 min
Response: 2437702
Conc: 181.15 ng/ml



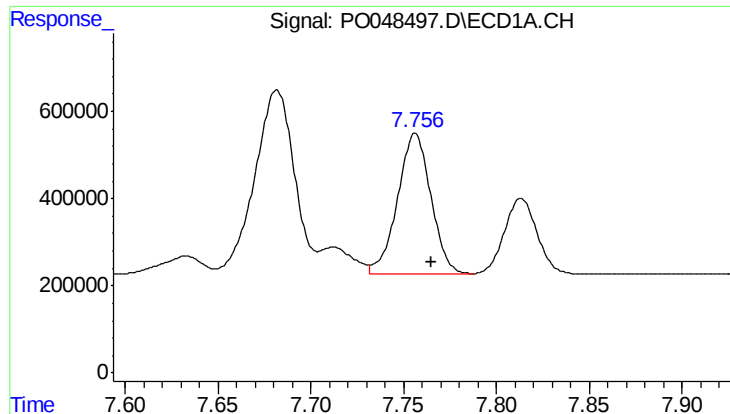
#40 AR-1262-5

R.T.: 9.330 min
Delta R.T.: -0.011 min
Response: 2403292
Conc: 259.92 ng/ml



#40 AR-1262-5

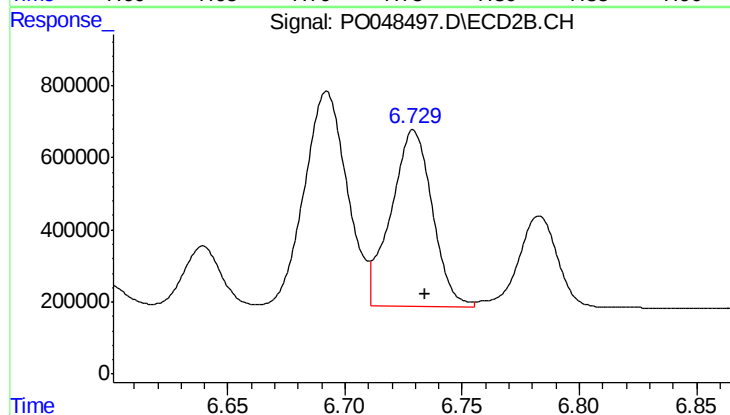
R.T.: 8.065 min
Delta R.T.: -0.006 min
Response: 2417920
Conc: 234.76 ng/ml



#41 AR-1268-1

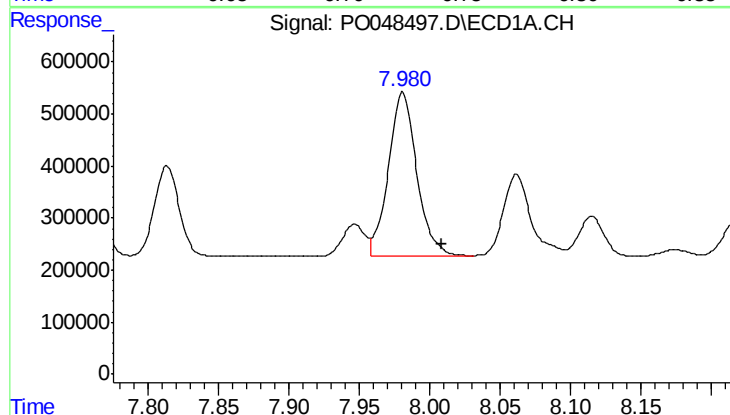
R.T.: 7.756 min
Delta R.T.: -0.009 min
Response: 4060817
Conc: 765.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



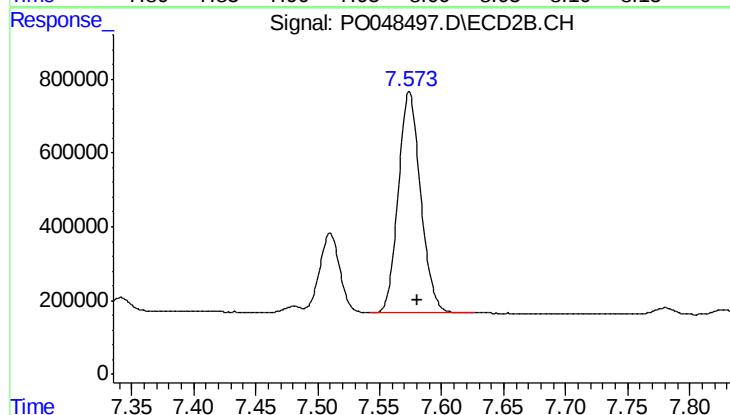
#41 AR-1268-1

R.T.: 6.729 min
Delta R.T.: -0.005 min
Response: 6035712
Conc: 780.30 ng/ml



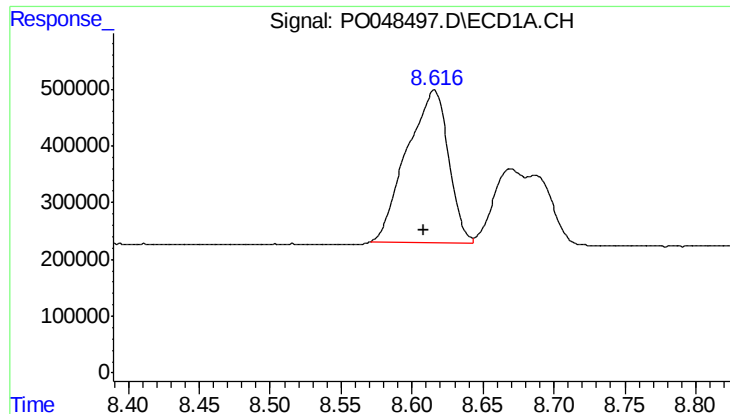
#42 AR-1268-2

R.T.: 7.981 min
Delta R.T.: -0.028 min
Response: 4450058
Conc: 651.68 ng/ml



#42 AR-1268-2

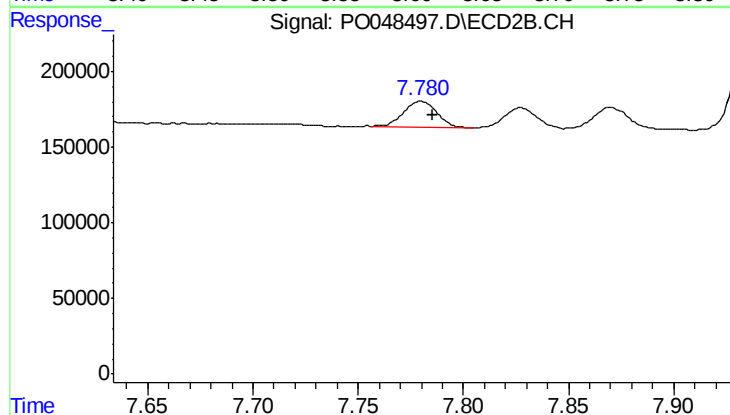
R.T.: 7.574 min
Delta R.T.: -0.006 min
Response: 7495218
Conc: 248.32 ng/ml



#43 AR-1268-3

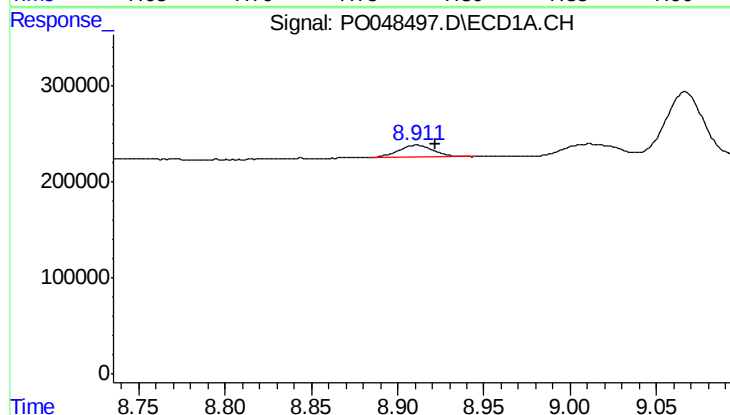
R.T.: 8.616 min
Delta R.T.: 0.008 min
Response: 5490550
Conc: 212.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



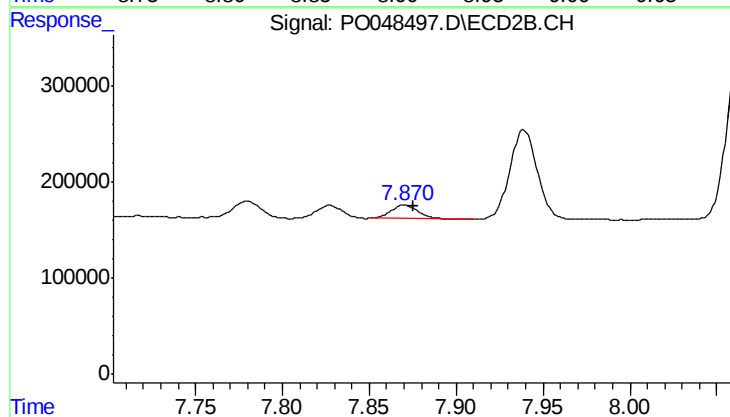
#43 AR-1268-3

R.T.: 7.780 min
Delta R.T.: -0.005 min
Response: 190491
Conc: 7.67 ng/ml



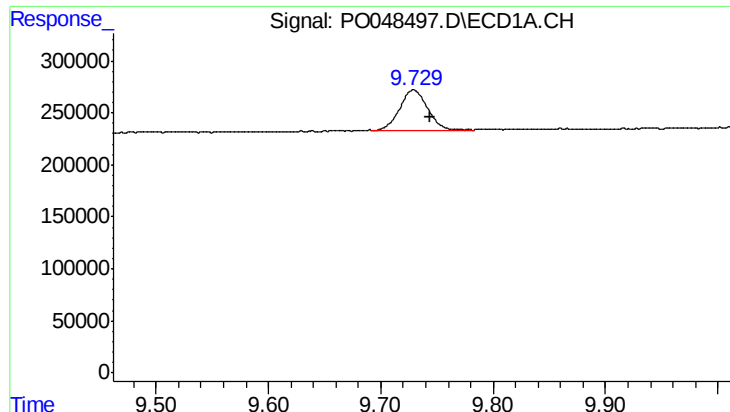
#44 AR-1268-4

R.T.: 8.911 min
Delta R.T.: -0.011 min
Response: 172515
Conc: 8.38 ng/ml



#44 AR-1268-4

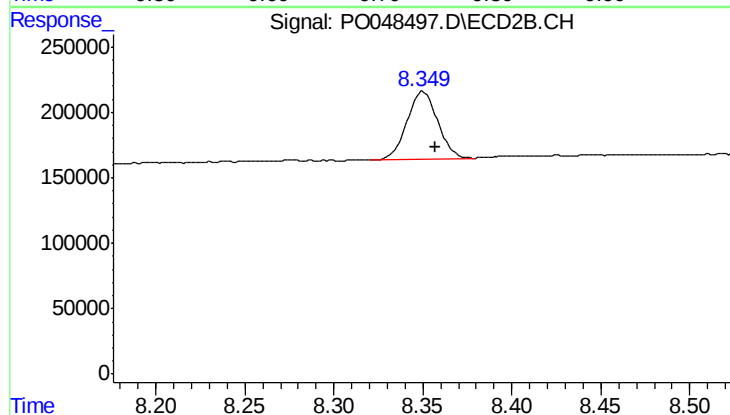
R.T.: 7.870 min
Delta R.T.: -0.006 min
Response: 153152
Conc: 23.41 ng/ml



#45 AR-1268-5

R.T.: 9.729 min
Delta R.T.: -0.015 min
Response: 659142
Conc: 10.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: -0.007 min
Response: 622909
Conc: 10.01 ng/ml