

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0021622\
 Data File : P0084716.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Feb 2022 20:43
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 04:52:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0021422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 14 17:50:29 2022
 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...	4.506	3.597	9604891	2305116	48.850	51.113
2)	SA Decachlor...	10.425	8.619	6547060	1703126	52.761	46.719
Target Compounds							
3)	L1 AR-1016-1	5.695	4.686	86982	23704	13.435	13.807
4)	L1 AR-1016-2	5.718	4.704	105761	21083	11.376	8.712
5)	L1 AR-1016-3	5.782	4.880	44190	13794	7.857	10.497 #
6)	L1 AR-1016-4	5.881	4.924	48128	537934	10.374	485.519 #
7)	L1 AR-1016-5	6.180	5.136	1078909	322251	240.797	232.835
8)	L2 AR-1221-1	4.710	0.000	978	0	0.452	N.D. #
9)	L2 AR-1221-2	4.818	3.896	122610	31812	77.121	74.922
10)	L2 AR-1221-3	4.882	3.973	29562	8371	5.965	6.433
11)	L3 AR-1232-1	4.882	3.973	29562	8371	7.115	7.603
12)	L3 AR-1232-2	5.424	4.704	68108	21083	32.939	20.867 #
13)	L3 AR-1232-3	5.718	4.880	105761	13794	28.543	25.893
14)	L3 AR-1232-4	5.881	4.965	48128	166090	25.777	332.851 #
15)	L3 AR-1232-5	5.973	5.136	1830846	322251	1264.753	588.406 #
16)	L4 AR-1242-1	5.695	4.686	86982	23704	17.494	17.587
17)	L4 AR-1242-2	5.718	4.704	105761	21083	14.841	11.213
18)	L4 AR-1242-3	5.782	4.880	44190	13794	10.137	13.453 #
19)	L4 AR-1242-4	5.881	4.965	48128	166090	13.458	159.022 #
20)	L4 AR-1242-5	6.632	5.490	979200	1257007	276.986	1000.589 #
21)	L5 AR-1248-1	5.695	4.686	86982	23704	23.722	24.632
22)	L5 AR-1248-2	5.973	4.924	1830846	537934	354.344	392.525
23)	L5 AR-1248-3	6.180	4.965	1078909	166090	189.034	116.159 #
24)	L5 AR-1248-4	6.589	5.136	1570050	322251	248.443	194.821
25)	L5 AR-1248-5	6.632	5.531	979200	156487	162.495	95.684 #
26)	L6 AR-1254-1	6.564	5.490	3209595	1257007	496.180	491.101
27)	L6 AR-1254-2	6.785	5.639	4849309	1102259	490.841	492.467
28)	L6 AR-1254-3	7.157	6.043	5094983	1764146	491.822	484.658
29)	L6 AR-1254-4	7.445	6.273	3632961	1085575	496.217	483.142
30)	L6 AR-1254-5	7.870	6.692	3895235	1534649	483.908	469.471
31)	L7 AR-1260-1	7.323	6.175	1911486	862519	276.199	355.973 #
32)	L7 AR-1260-2	7.582	6.364	2163629	664973	264.688	229.570
33)	L7 AR-1260-3	7.932	6.515	480885	701539	78.370	257.801 #
34)	L7 AR-1260-4	8.164	6.991	1488276	73128	213.241	31.779 #
35)	L7 AR-1260-5	8.511	7.234	504893	172092	36.683	32.509
36)	L8 AR-1262-1	7.932	6.692	480885	1534649	54.593	930.073 #
37)	L8 AR-1262-2	8.511	6.991	504893	73128	31.704	26.250
38)	L8 AR-1262-3	8.853	7.521	453678	14169	43.123	6.721 #
39)	L8 AR-1262-4	8.935	7.580	9202	166312	2.120	41.790 #
40)	L8 AR-1262-5	9.628	8.079	7334	10816	1.326	6.065 #
41)	L9 AR-1268-1	8.853	7.521	453678	14169	24.730	2.310 #

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 Acq On : 16 Feb 2022 20:43
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

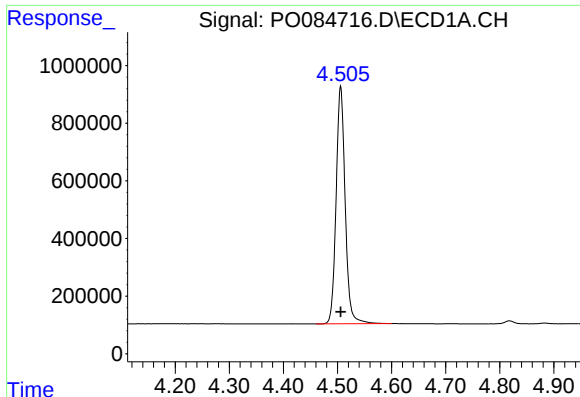
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 04:52:04 2022
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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	8.935	7.580	9202	166312	0.556	30.265 #
43) L9	AR-1268-3	9.185	7.790	5902	13272	0.420	2.915 #
44) L9	AR-1268-4	9.628	8.079	7334	10816	1.210	5.754 #
45) L9	AR-1268-5	10.067	8.369	88125	8862	1.865	0.648 #

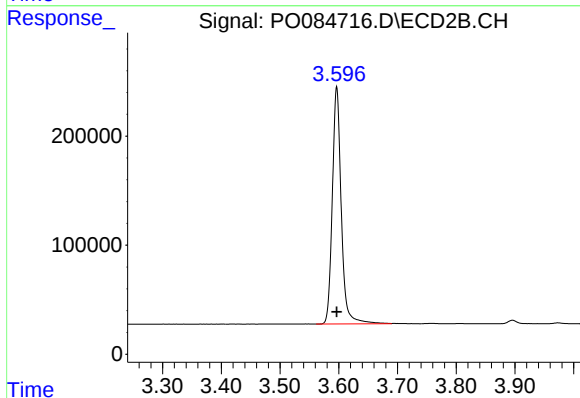
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

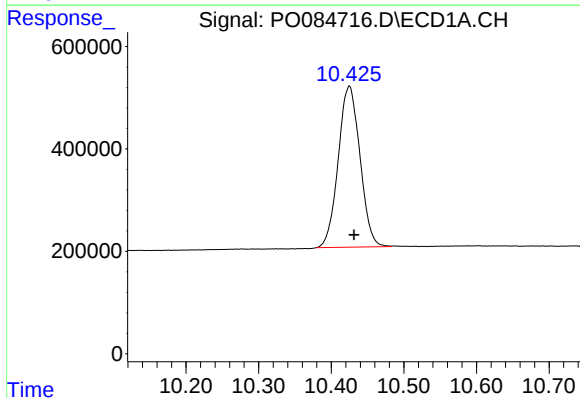
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 9604891
Conc: 48.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



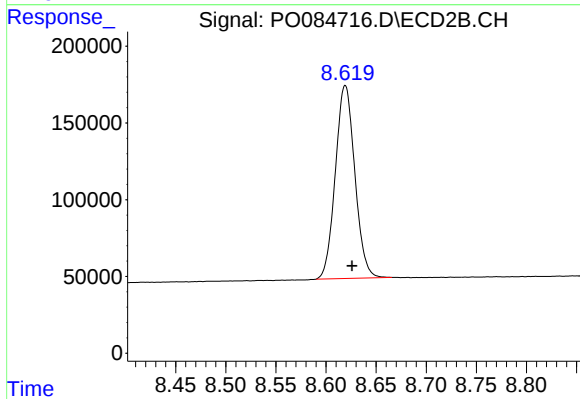
#1 Tetrachloro-m-xylene

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 2305116
Conc: 51.11 ng/ml



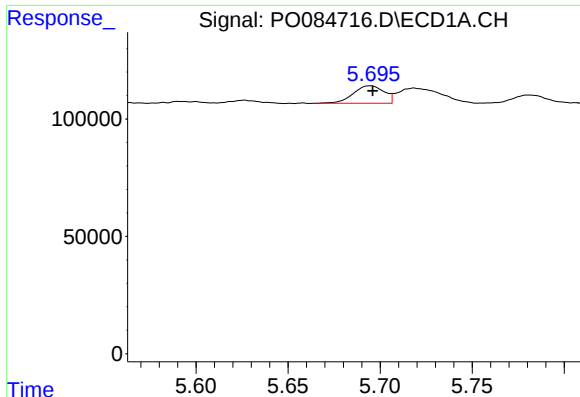
#2 Decachlorobiphenyl

R.T.: 10.425 min
Delta R.T.: -0.006 min
Response: 6547060
Conc: 52.76 ng/ml



#2 Decachlorobiphenyl

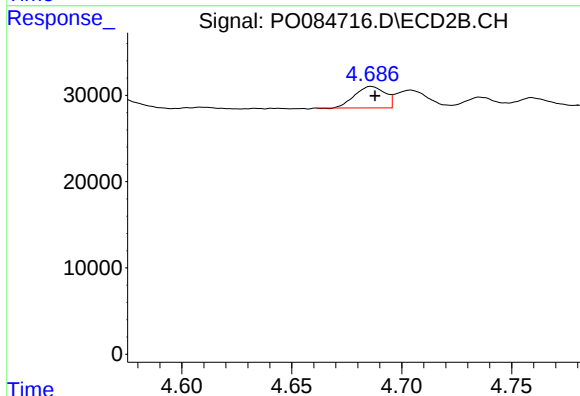
R.T.: 8.619 min
Delta R.T.: -0.007 min
Response: 1703126
Conc: 46.72 ng/ml



#3 AR-1016-1

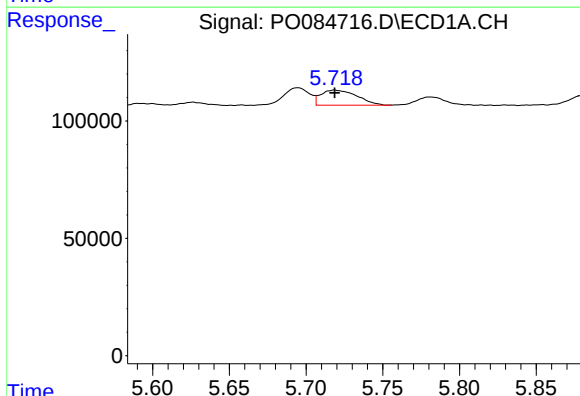
R.T.: 5.695 min
Delta R.T.: -0.001 min
Response: 86982
Conc: 13.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



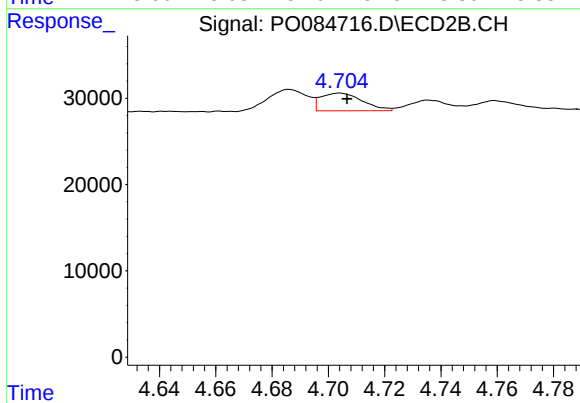
#3 AR-1016-1

R.T.: 4.686 min
Delta R.T.: -0.002 min
Response: 23704
Conc: 13.81 ng/ml



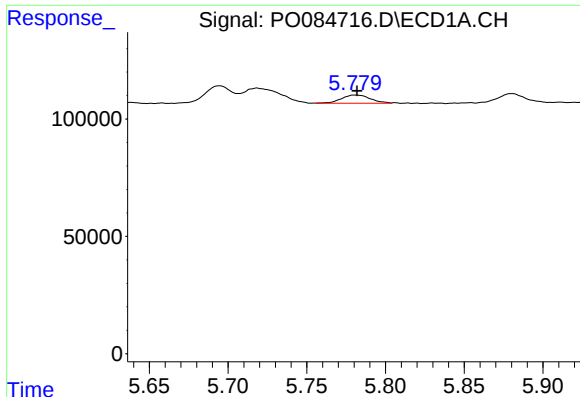
#4 AR-1016-2

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 105761
Conc: 11.38 ng/ml



#4 AR-1016-2

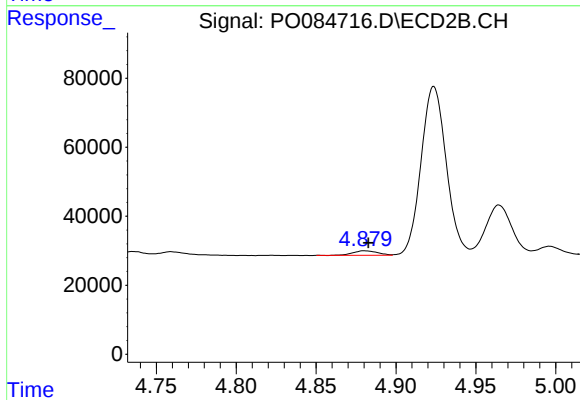
R.T.: 4.704 min
Delta R.T.: -0.002 min
Response: 21083
Conc: 8.71 ng/ml



#5 AR-1016-3

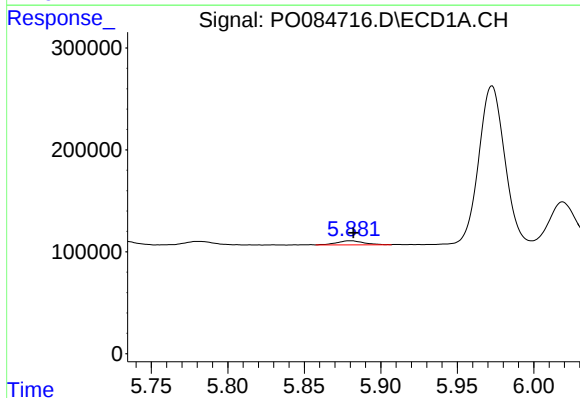
R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 44190
Conc: 7.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



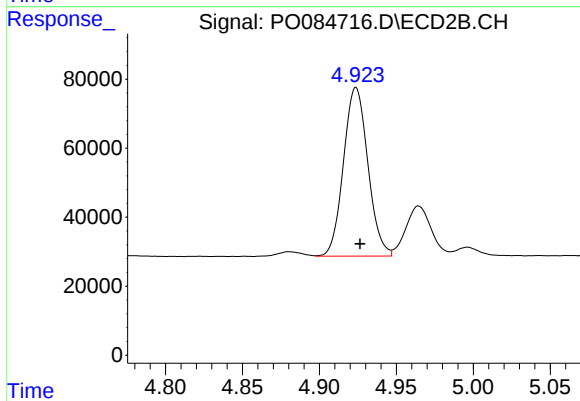
#5 AR-1016-3

R.T.: 4.880 min
Delta R.T.: -0.003 min
Response: 13794
Conc: 10.50 ng/ml



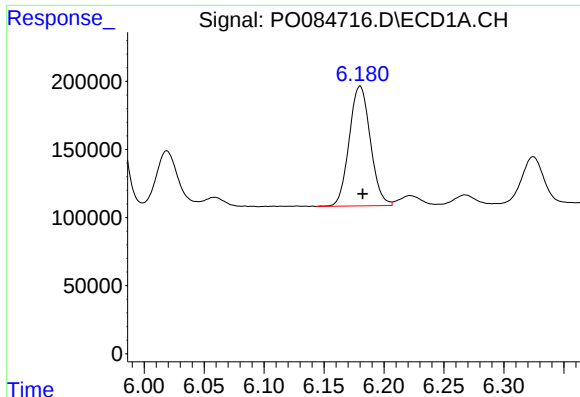
#6 AR-1016-4

R.T.: 5.881 min
Delta R.T.: -0.001 min
Response: 48128
Conc: 10.37 ng/ml



#6 AR-1016-4

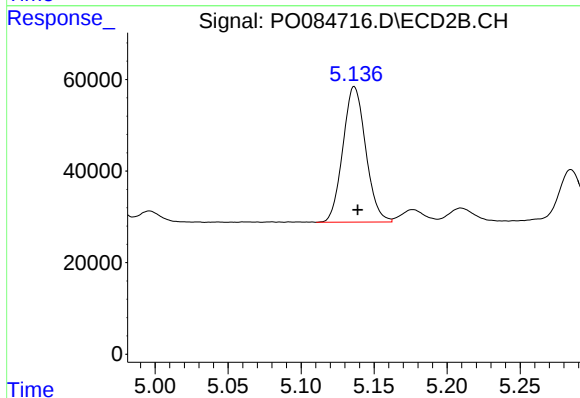
R.T.: 4.924 min
Delta R.T.: -0.003 min
Response: 537934
Conc: 485.52 ng/ml



#7 AR-1016-5

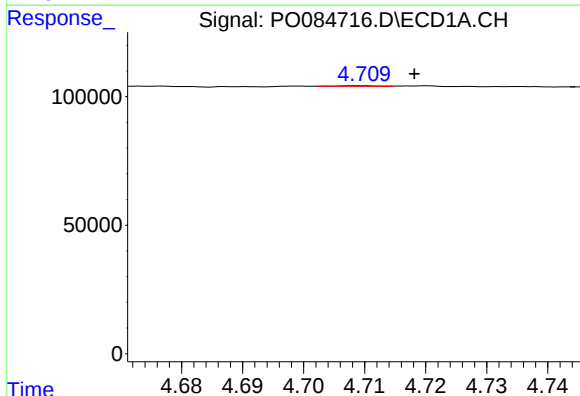
R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 1078909
Conc: 240.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



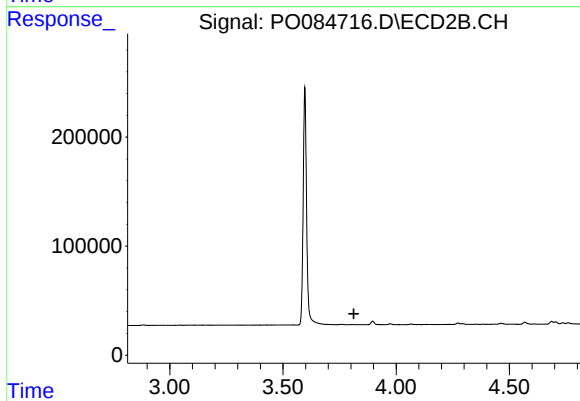
#7 AR-1016-5

R.T.: 5.136 min
Delta R.T.: -0.002 min
Response: 322251
Conc: 232.84 ng/ml



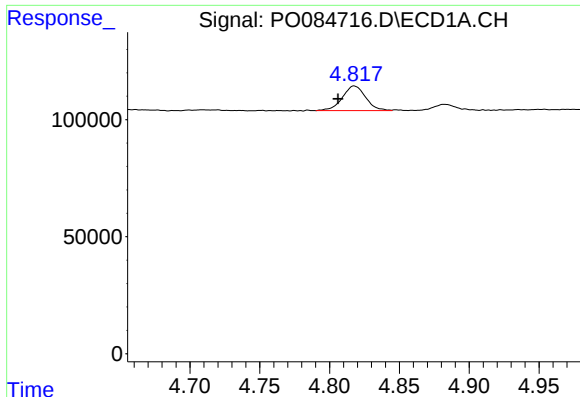
#8 AR-1221-1

R.T.: 4.710 min
Delta R.T.: -0.009 min
Response: 978
Conc: 0.45 ng/ml



#8 AR-1221-1

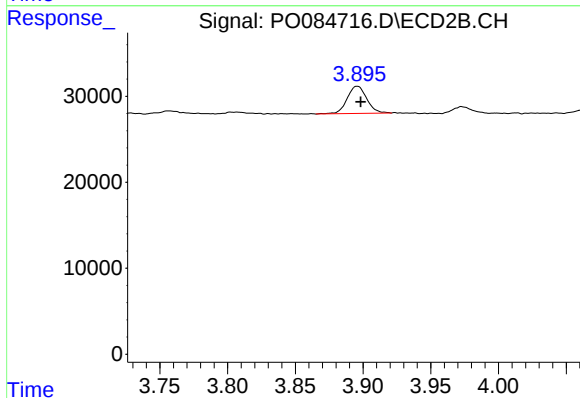
R.T.: 0.000 min
Exp R.T. : 3.813 min
Response: 0
Conc: N.D.



#9 AR-1221-2

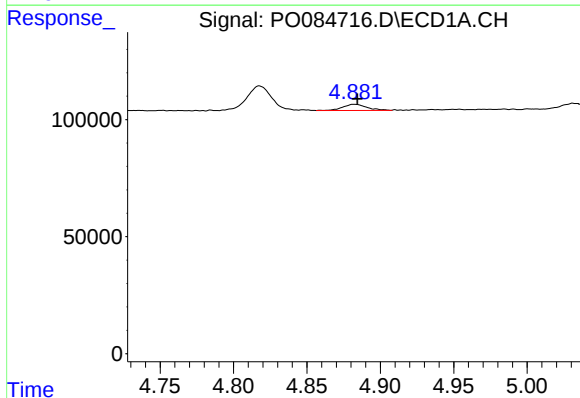
R.T.: 4.818 min
Delta R.T.: 0.011 min
Response: 122610
Conc: 77.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



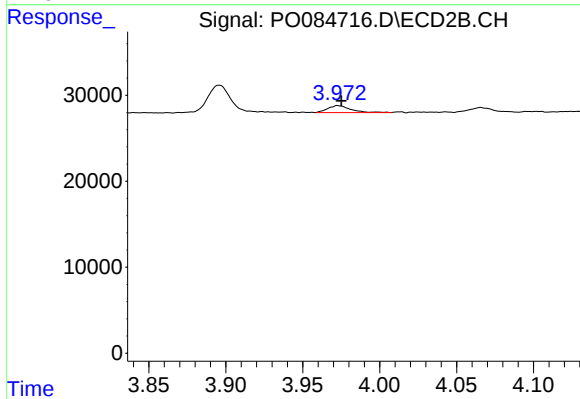
#9 AR-1221-2

R.T.: 3.896 min
Delta R.T.: -0.003 min
Response: 31812
Conc: 74.92 ng/ml



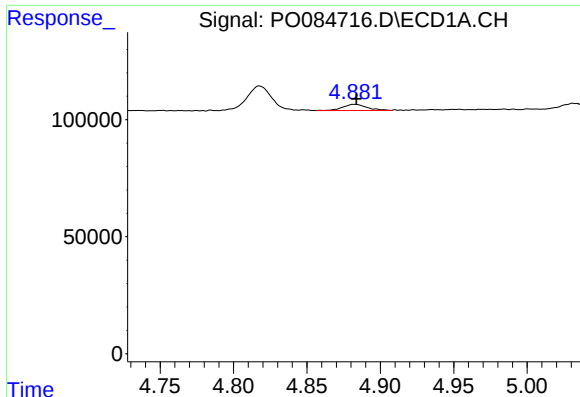
#10 AR-1221-3

R.T.: 4.882 min
Delta R.T.: -0.002 min
Response: 29562
Conc: 5.97 ng/ml



#10 AR-1221-3

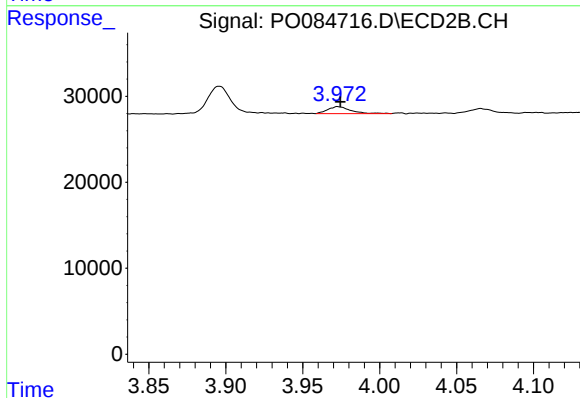
R.T.: 3.973 min
Delta R.T.: -0.002 min
Response: 8371
Conc: 6.43 ng/ml



#11 AR-1232-1

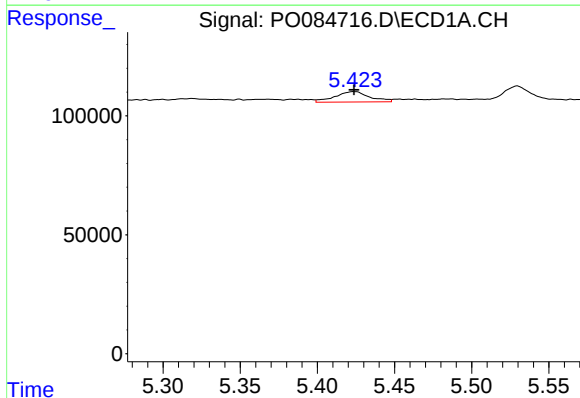
R.T.: 4.882 min
Delta R.T.: -0.002 min
Response: 29562
Conc: 7.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



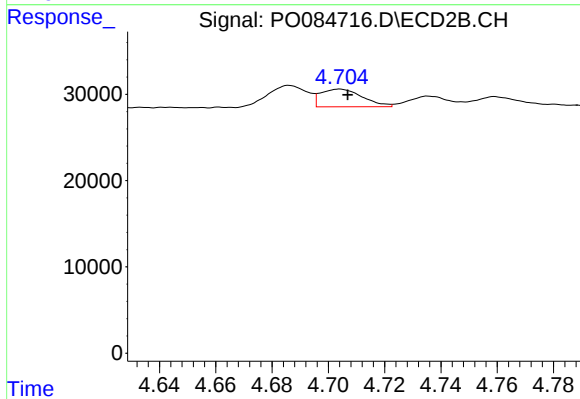
#11 AR-1232-1

R.T.: 3.973 min
Delta R.T.: -0.002 min
Response: 8371
Conc: 7.60 ng/ml



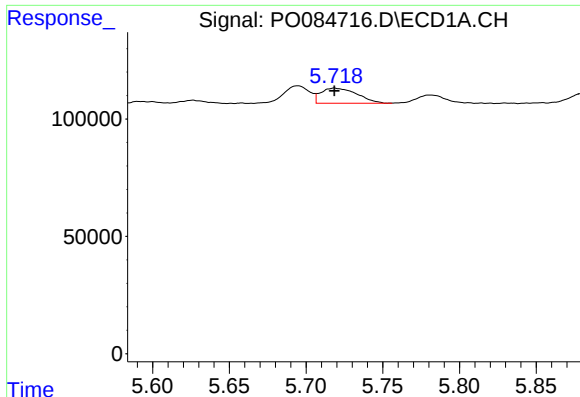
#12 AR-1232-2

R.T.: 5.424 min
Delta R.T.: 0.000 min
Response: 68108
Conc: 32.94 ng/ml



#12 AR-1232-2

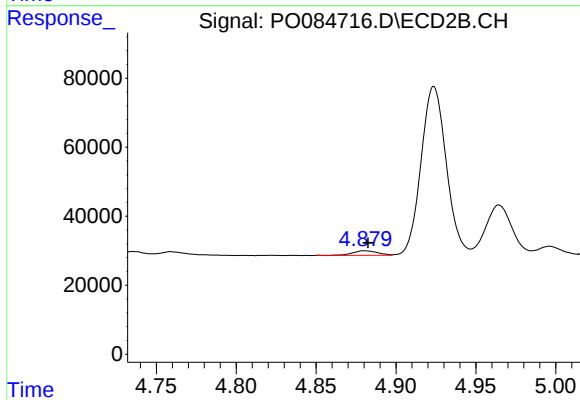
R.T.: 4.704 min
Delta R.T.: -0.003 min
Response: 21083
Conc: 20.87 ng/ml



#13 AR-1232-3

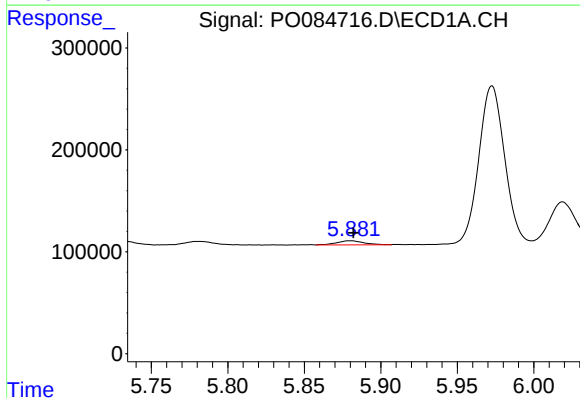
R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 105761
Conc: 28.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



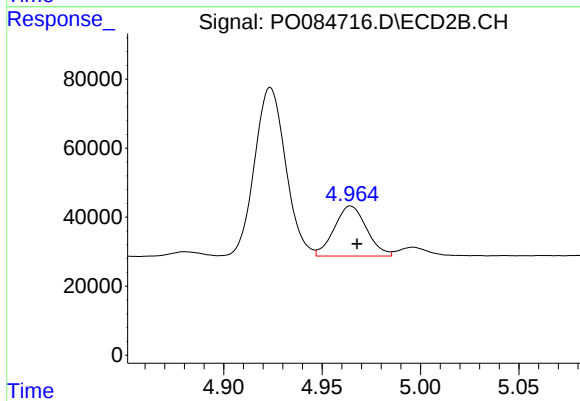
#13 AR-1232-3

R.T.: 4.880 min
Delta R.T.: -0.003 min
Response: 13794
Conc: 25.89 ng/ml



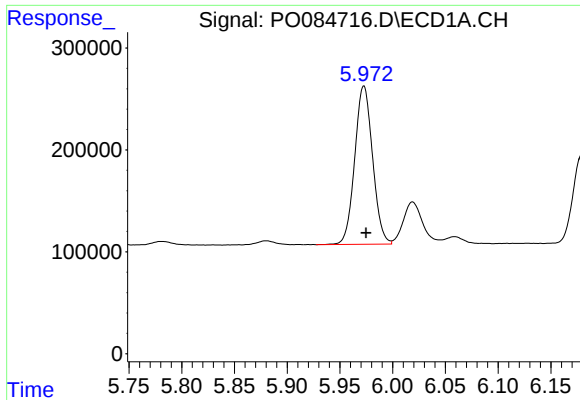
#14 AR-1232-4

R.T.: 5.881 min
Delta R.T.: -0.001 min
Response: 48128
Conc: 25.78 ng/ml



#14 AR-1232-4

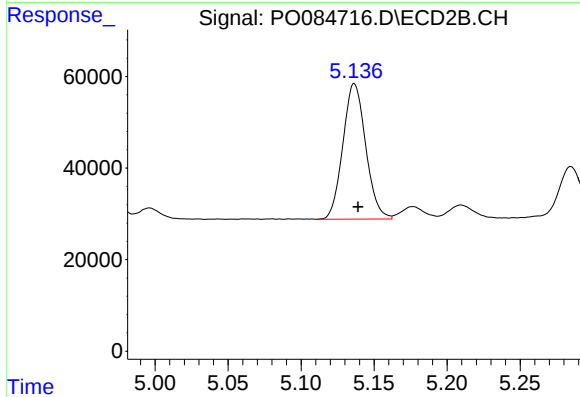
R.T.: 4.965 min
Delta R.T.: -0.003 min
Response: 166090
Conc: 332.85 ng/ml



#15 AR-1232-5

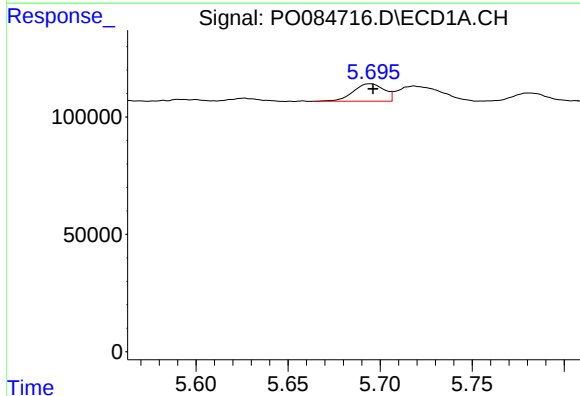
R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 1830846
Conc: 1264.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



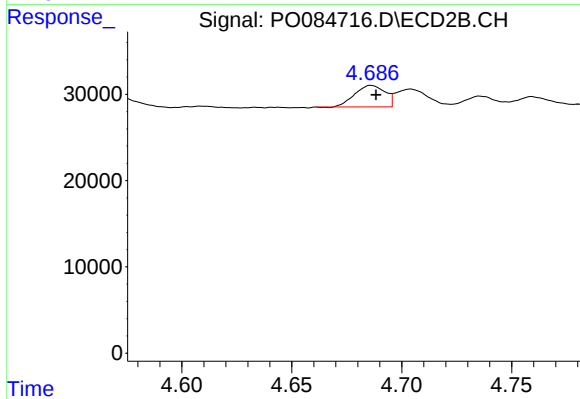
#15 AR-1232-5

R.T.: 5.136 min
Delta R.T.: -0.003 min
Response: 322251
Conc: 588.41 ng/ml



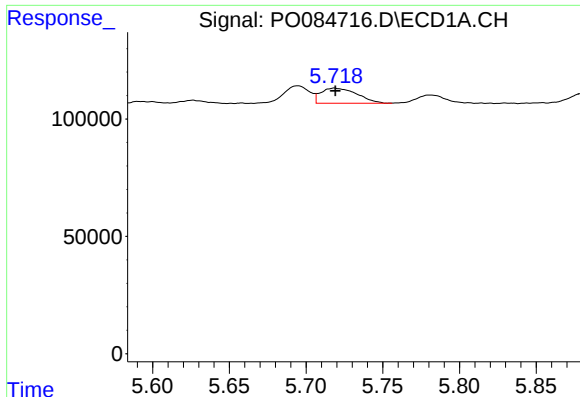
#16 AR-1242-1

R.T.: 5.695 min
Delta R.T.: -0.001 min
Response: 86982
Conc: 17.49 ng/ml



#16 AR-1242-1

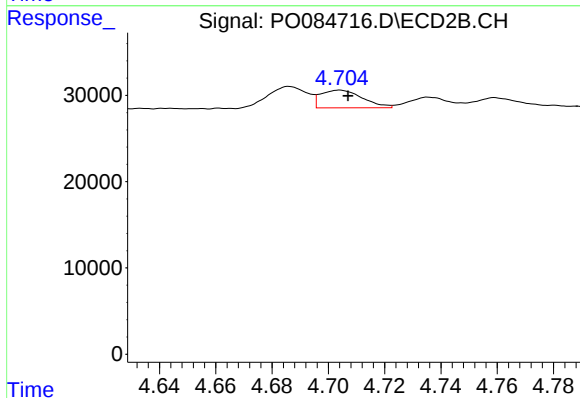
R.T.: 4.686 min
Delta R.T.: -0.002 min
Response: 23704
Conc: 17.59 ng/ml



#17 AR-1242-2

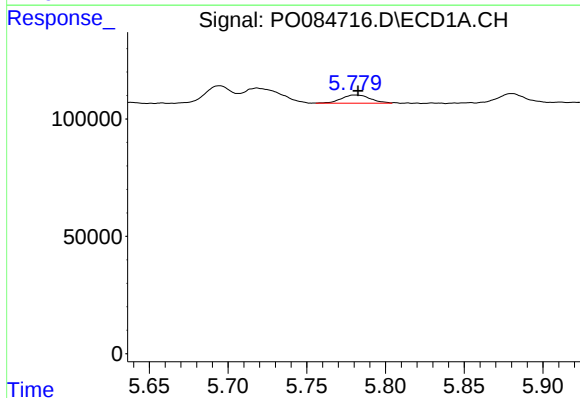
R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 105761
Conc: 14.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



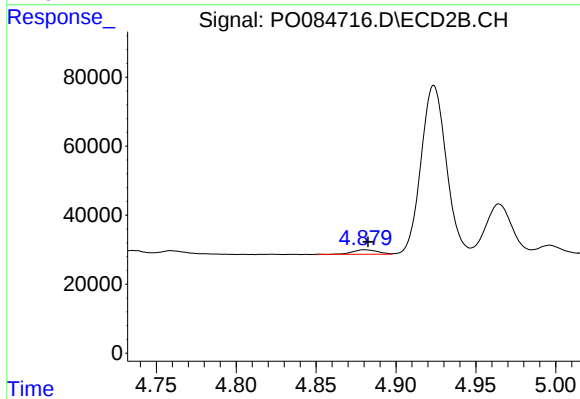
#17 AR-1242-2

R.T.: 4.704 min
Delta R.T.: -0.003 min
Response: 21083
Conc: 11.21 ng/ml



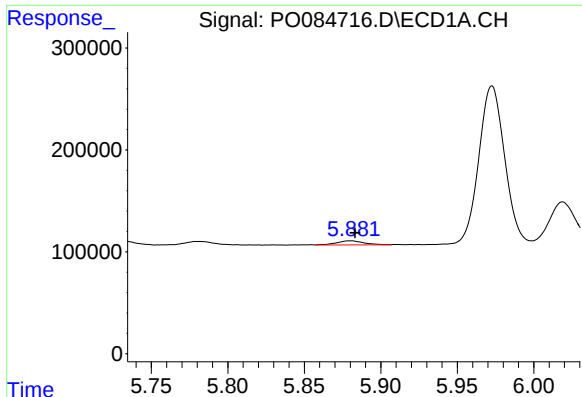
#18 AR-1242-3

R.T.: 5.782 min
Delta R.T.: -0.001 min
Response: 44190
Conc: 10.14 ng/ml



#18 AR-1242-3

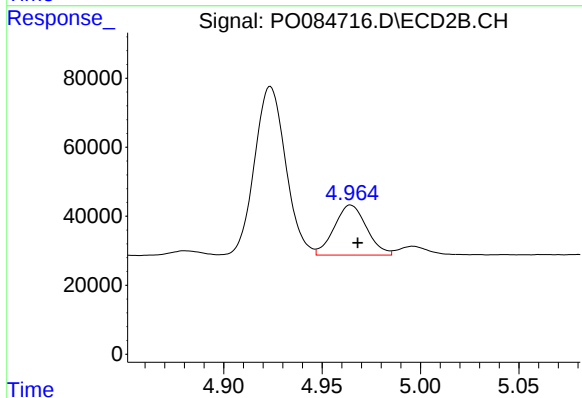
R.T.: 4.880 min
Delta R.T.: -0.003 min
Response: 13794
Conc: 13.45 ng/ml



#19 AR-1242-4

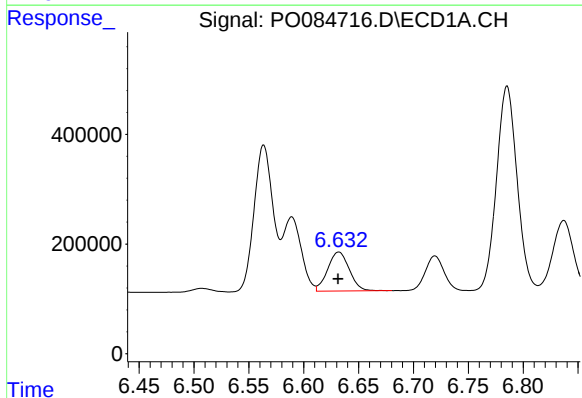
R.T.: 5.881 min
Delta R.T.: -0.003 min
Response: 48128
Conc: 13.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



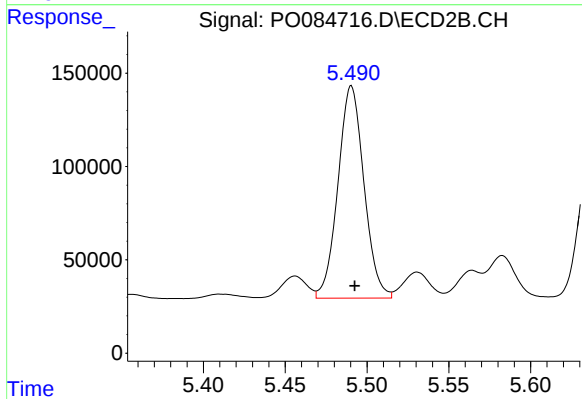
#19 AR-1242-4

R.T.: 4.965 min
Delta R.T.: -0.004 min
Response: 166090
Conc: 159.02 ng/ml



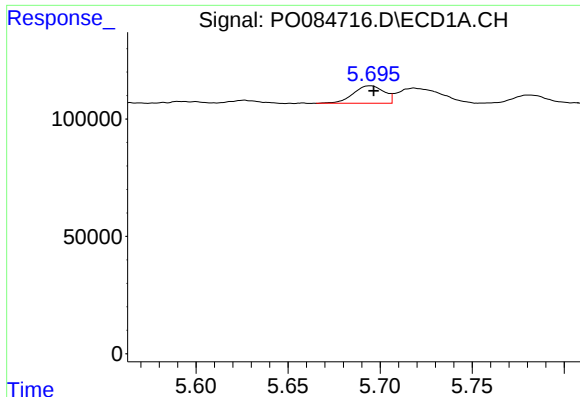
#20 AR-1242-5

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 979200
Conc: 276.99 ng/ml



#20 AR-1242-5

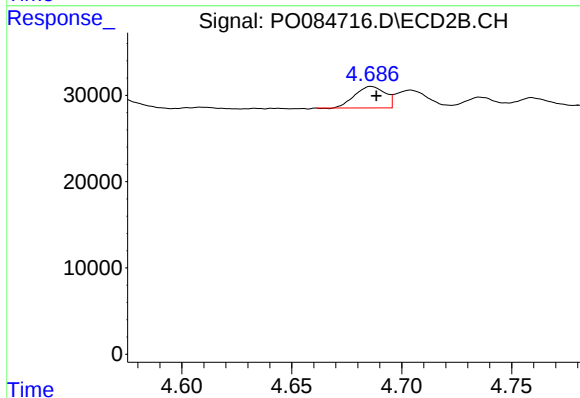
R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 1257007
Conc: 1000.59 ng/ml



#21 AR-1248-1

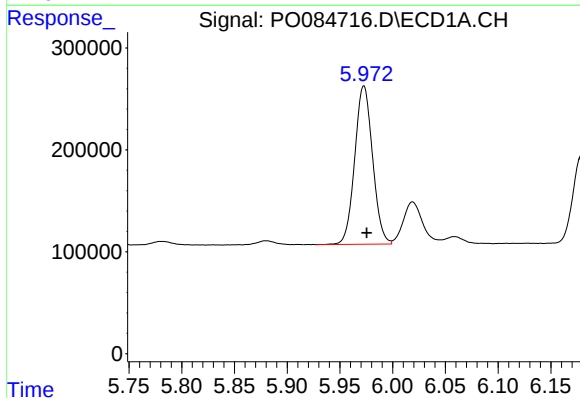
R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 86982
Conc: 23.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



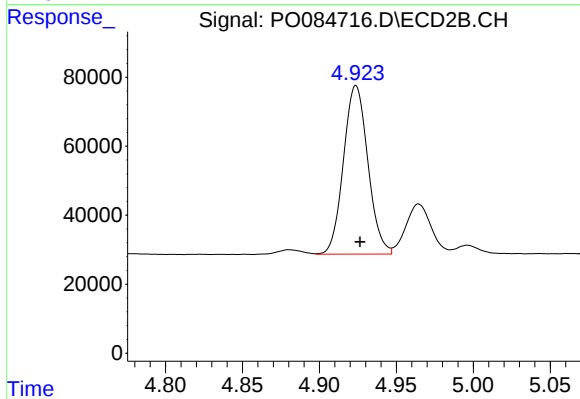
#21 AR-1248-1

R.T.: 4.686 min
Delta R.T.: -0.002 min
Response: 23704
Conc: 24.63 ng/ml



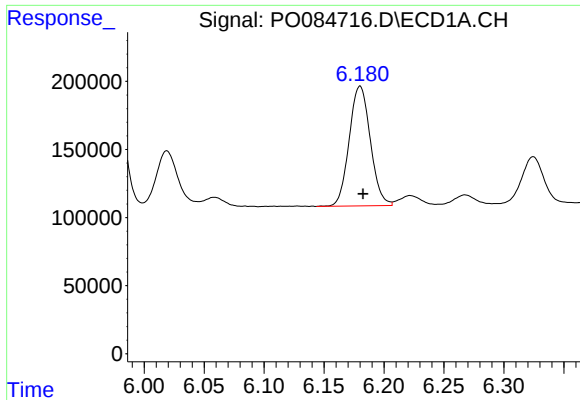
#22 AR-1248-2

R.T.: 5.973 min
Delta R.T.: -0.003 min
Response: 1830846
Conc: 354.34 ng/ml



#22 AR-1248-2

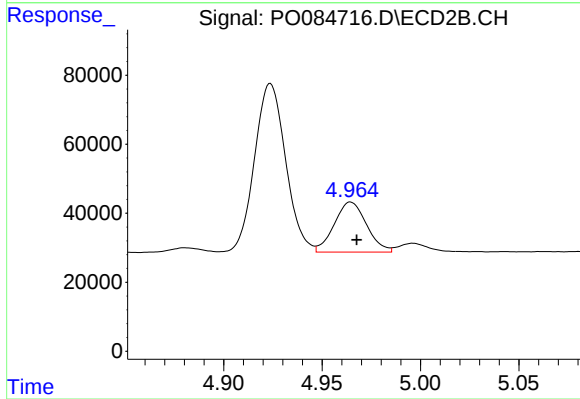
R.T.: 4.924 min
Delta R.T.: -0.003 min
Response: 537934
Conc: 392.53 ng/ml



#23 AR-1248-3

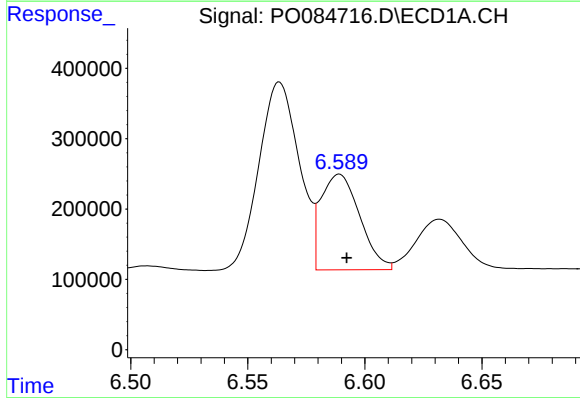
R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 1078909
Conc: 189.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



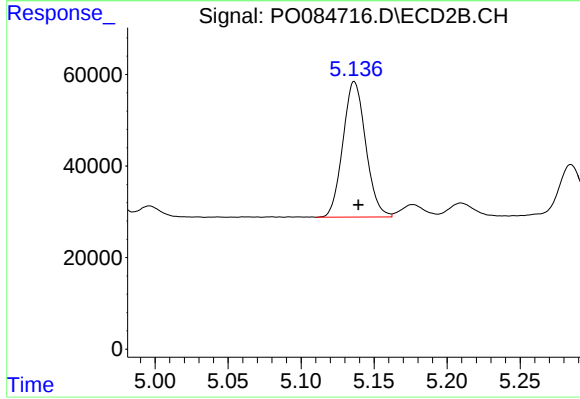
#23 AR-1248-3

R.T.: 4.965 min
Delta R.T.: -0.003 min
Response: 166090
Conc: 116.16 ng/ml



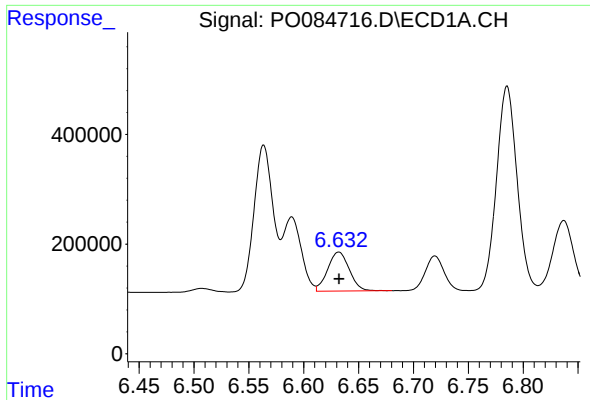
#24 AR-1248-4

R.T.: 6.589 min
Delta R.T.: -0.003 min
Response: 1570050
Conc: 248.44 ng/ml



#24 AR-1248-4

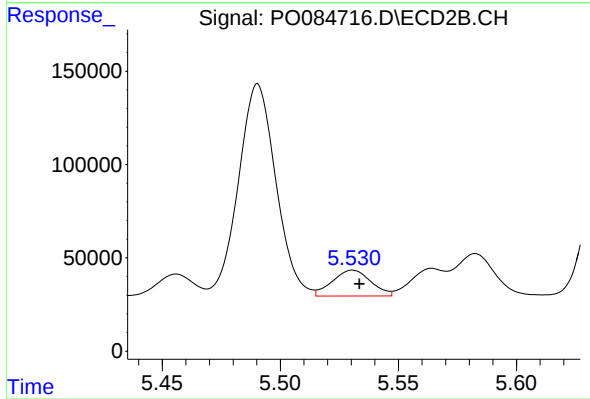
R.T.: 5.136 min
Delta R.T.: -0.003 min
Response: 322251
Conc: 194.82 ng/ml



#25 AR-1248-5

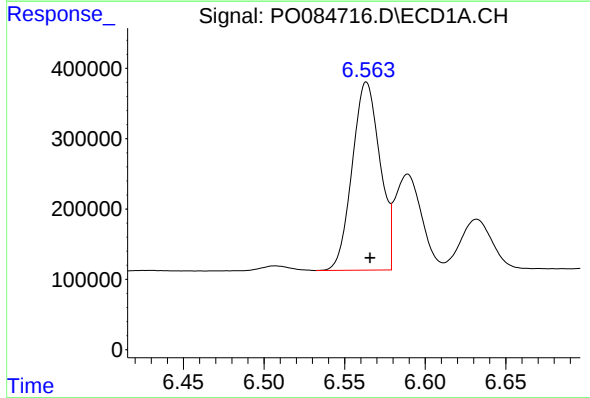
R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 979200
Conc: 162.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



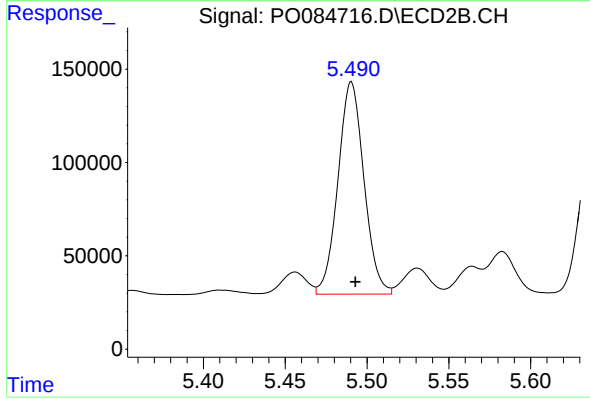
#25 AR-1248-5

R.T.: 5.531 min
Delta R.T.: -0.003 min
Response: 156487
Conc: 95.68 ng/ml



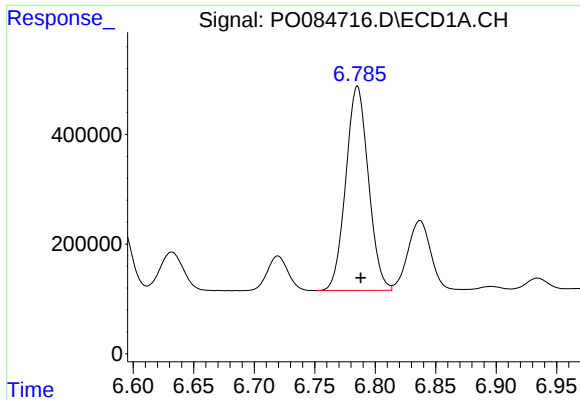
#26 AR-1254-1

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 3209595
Conc: 496.18 ng/ml



#26 AR-1254-1

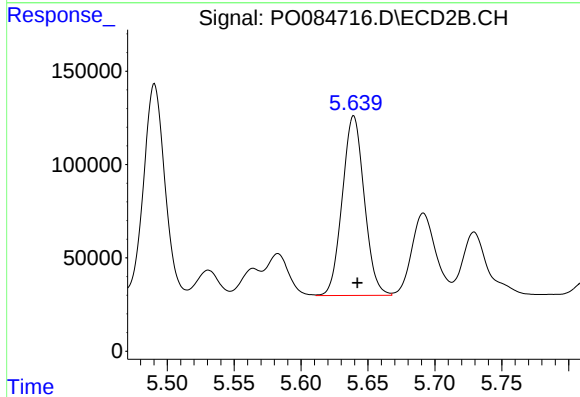
R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 1257007
Conc: 491.10 ng/ml



#27 AR-1254-2

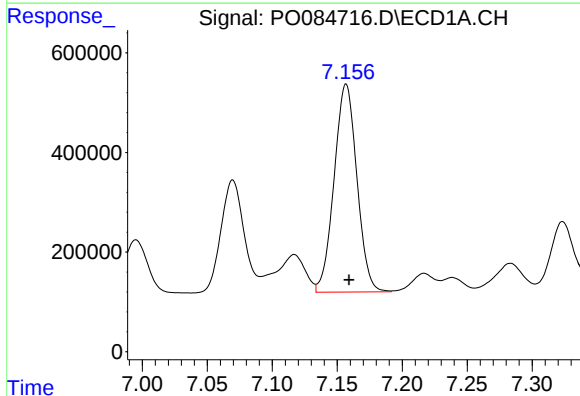
R.T.: 6.785 min
Delta R.T.: -0.003 min
Response: 4849309
Conc: 490.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



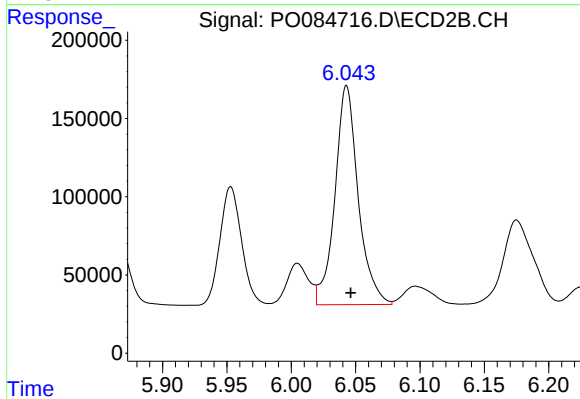
#27 AR-1254-2

R.T.: 5.639 min
Delta R.T.: -0.003 min
Response: 1102259
Conc: 492.47 ng/ml



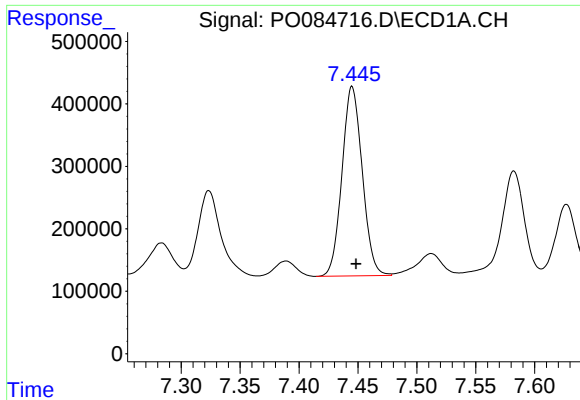
#28 AR-1254-3

R.T.: 7.157 min
Delta R.T.: -0.002 min
Response: 5094983
Conc: 491.82 ng/ml



#28 AR-1254-3

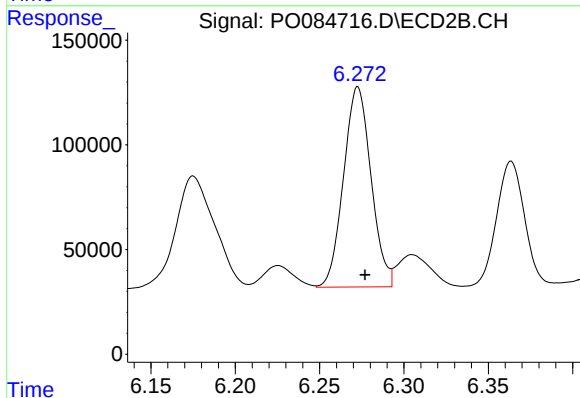
R.T.: 6.043 min
Delta R.T.: -0.003 min
Response: 1764146
Conc: 484.66 ng/ml



#29 AR-1254-4

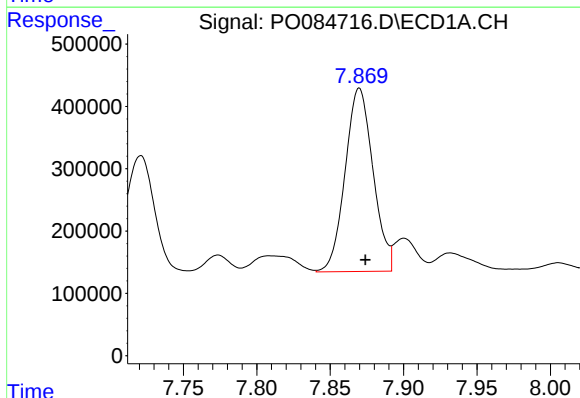
R.T.: 7.445 min
Delta R.T.: -0.003 min
Response: 3632961
Conc: 496.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



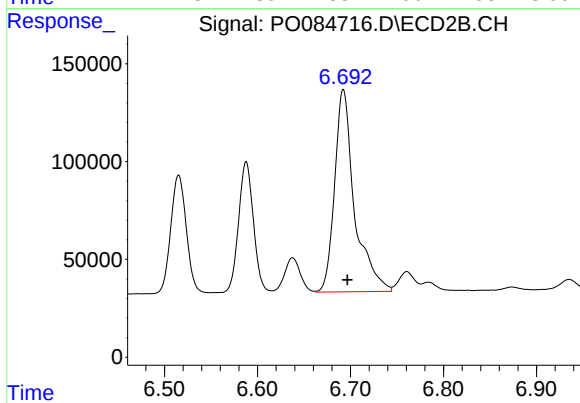
#29 AR-1254-4

R.T.: 6.273 min
Delta R.T.: -0.004 min
Response: 1085575
Conc: 483.14 ng/ml



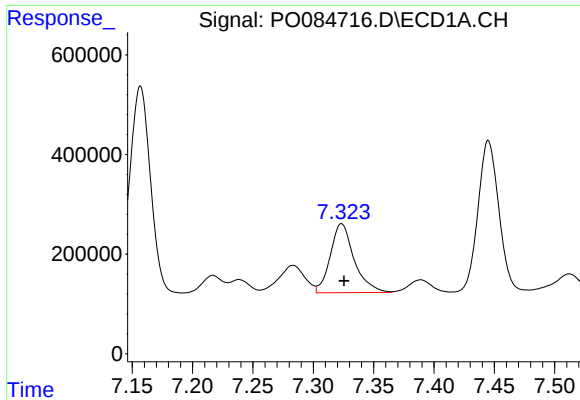
#30 AR-1254-5

R.T.: 7.870 min
Delta R.T.: -0.004 min
Response: 3895235
Conc: 483.91 ng/ml



#30 AR-1254-5

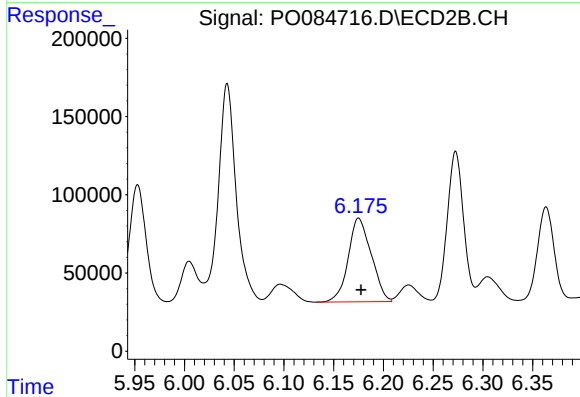
R.T.: 6.692 min
Delta R.T.: -0.004 min
Response: 1534649
Conc: 469.47 ng/ml



#31 AR-1260-1

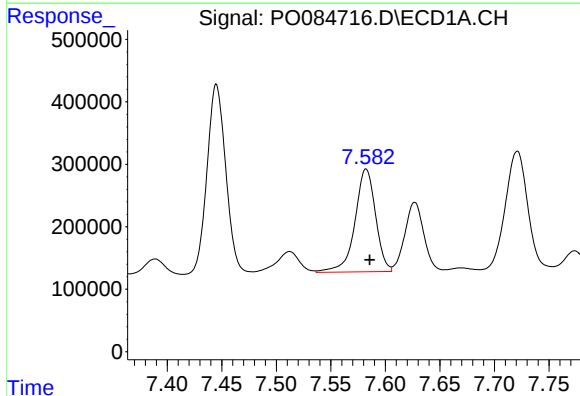
R.T.: 7.323 min
Delta R.T.: -0.002 min
Response: 1911486
Conc: 276.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



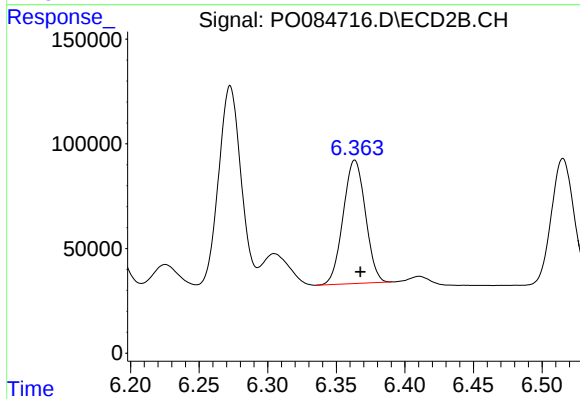
#31 AR-1260-1

R.T.: 6.175 min
Delta R.T.: -0.003 min
Response: 862519
Conc: 355.97 ng/ml



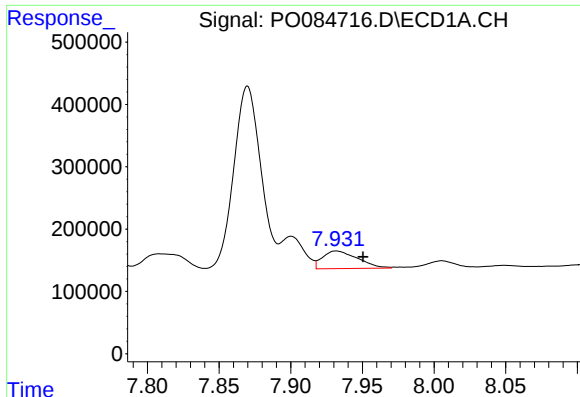
#32 AR-1260-2

R.T.: 7.582 min
Delta R.T.: -0.003 min
Response: 2163629
Conc: 264.69 ng/ml



#32 AR-1260-2

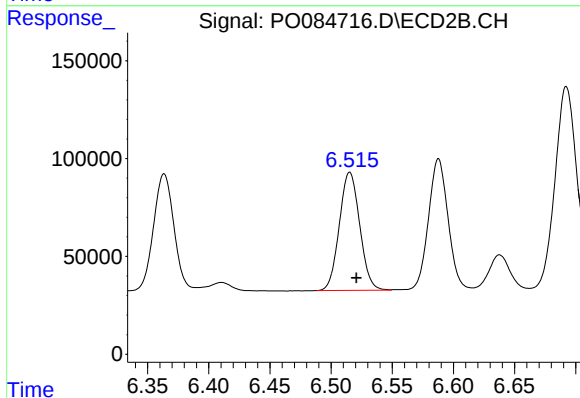
R.T.: 6.364 min
Delta R.T.: -0.004 min
Response: 664973
Conc: 229.57 ng/ml



#33 AR-1260-3

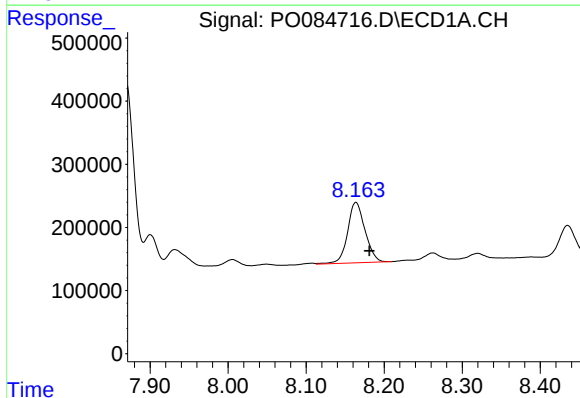
R.T.: 7.932 min
Delta R.T.: -0.019 min
Response: 480885
Conc: 78.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



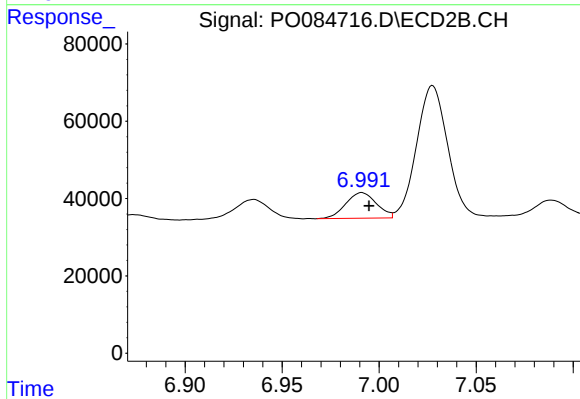
#33 AR-1260-3

R.T.: 6.515 min
Delta R.T.: -0.005 min
Response: 701539
Conc: 257.80 ng/ml



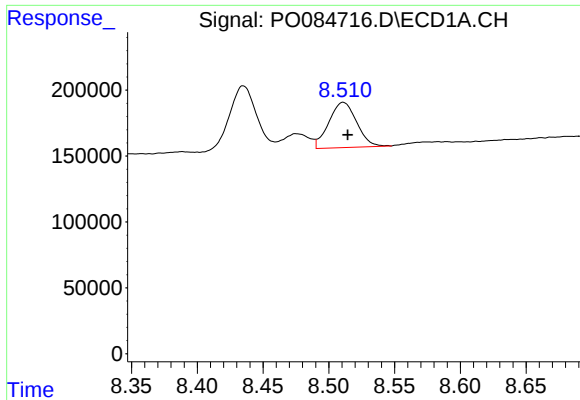
#34 AR-1260-4

R.T.: 8.164 min
Delta R.T.: -0.017 min
Response: 1488276
Conc: 213.24 ng/ml



#34 AR-1260-4

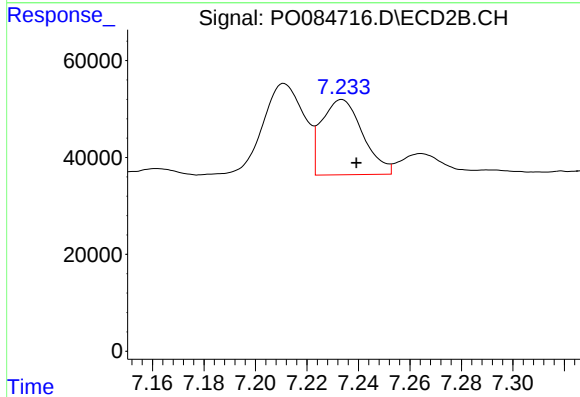
R.T.: 6.991 min
Delta R.T.: -0.004 min
Response: 73128
Conc: 31.78 ng/ml



#35 AR-1260-5

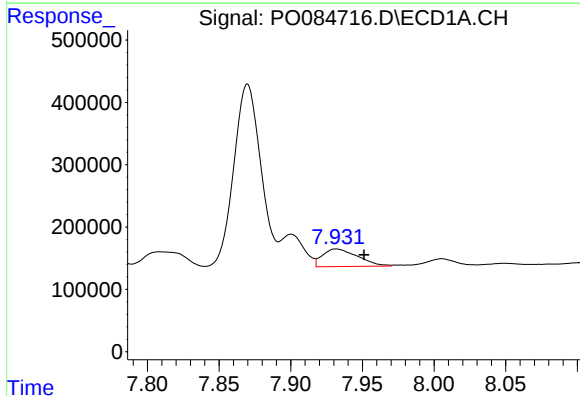
R.T.: 8.511 min
Delta R.T.: -0.003 min
Response: 504893
Conc: 36.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



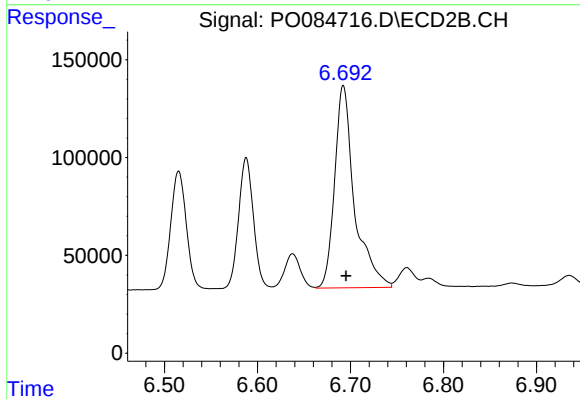
#35 AR-1260-5

R.T.: 7.234 min
Delta R.T.: -0.006 min
Response: 172092
Conc: 32.51 ng/ml



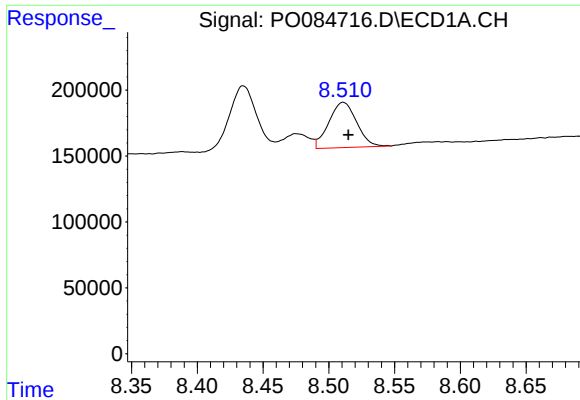
#36 AR-1262-1

R.T.: 7.932 min
Delta R.T.: -0.020 min
Response: 480885
Conc: 54.59 ng/ml



#36 AR-1262-1

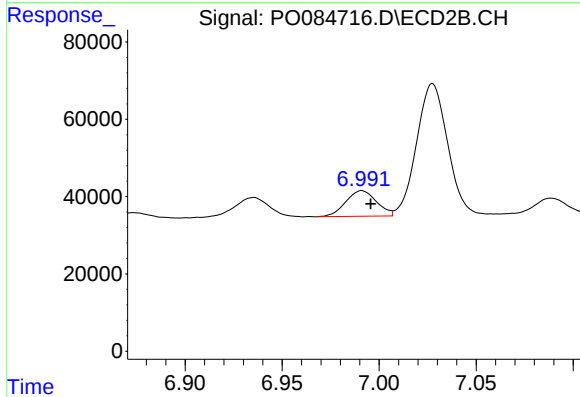
R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 1534649
Conc: 930.07 ng/ml



#37 AR-1262-2

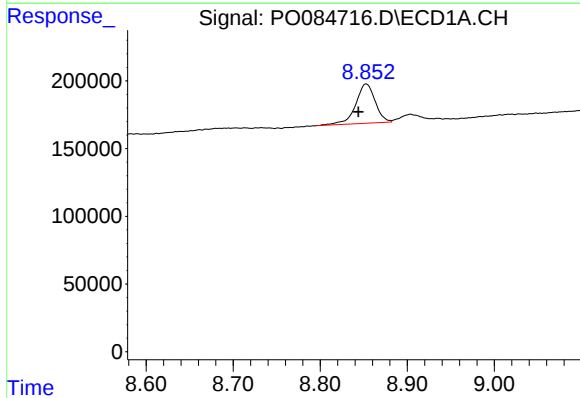
R.T.: 8.511 min
Delta R.T.: -0.004 min
Response: 504893
Conc: 31.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



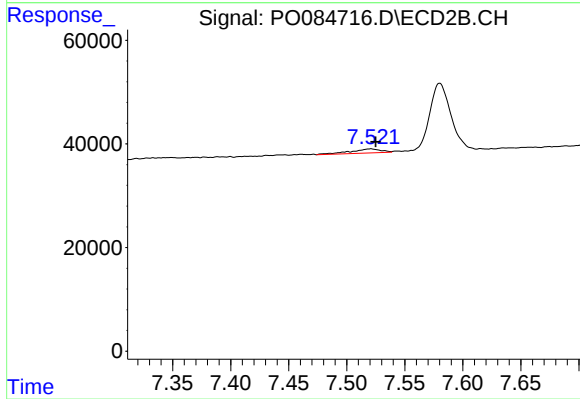
#37 AR-1262-2

R.T.: 6.991 min
Delta R.T.: -0.005 min
Response: 73128
Conc: 26.25 ng/ml



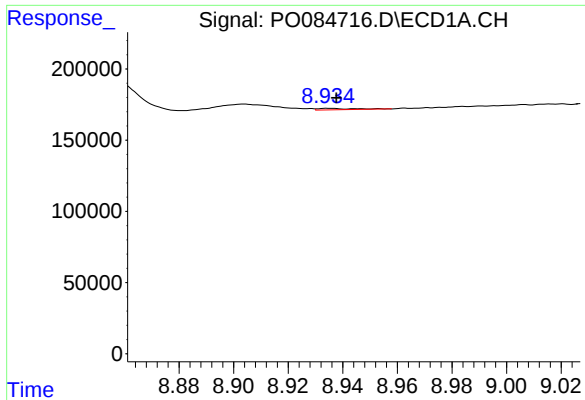
#38 AR-1262-3

R.T.: 8.853 min
Delta R.T.: 0.009 min
Response: 453678
Conc: 43.12 ng/ml



#38 AR-1262-3

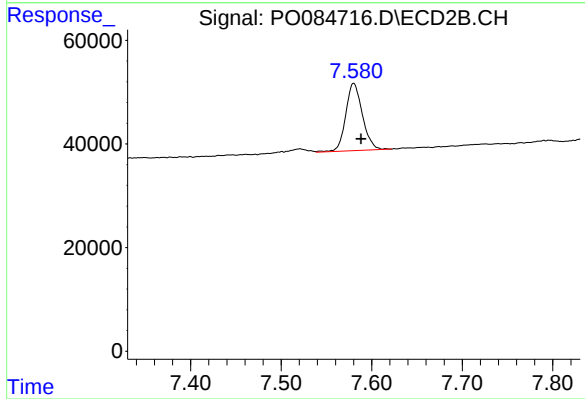
R.T.: 7.521 min
Delta R.T.: -0.004 min
Response: 14169
Conc: 6.72 ng/ml



#39 AR-1262-4

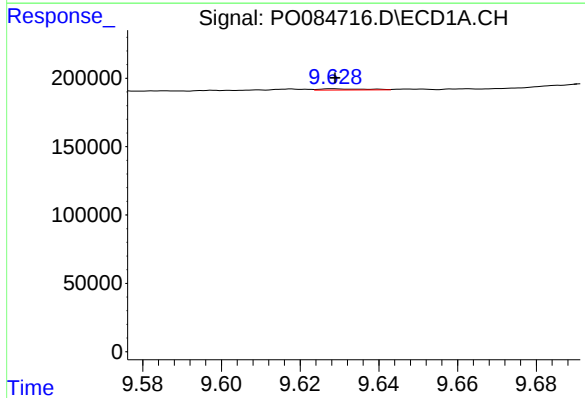
R.T.: 8.935 min
Delta R.T.: -0.003 min
Response: 9202
Conc: 2.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



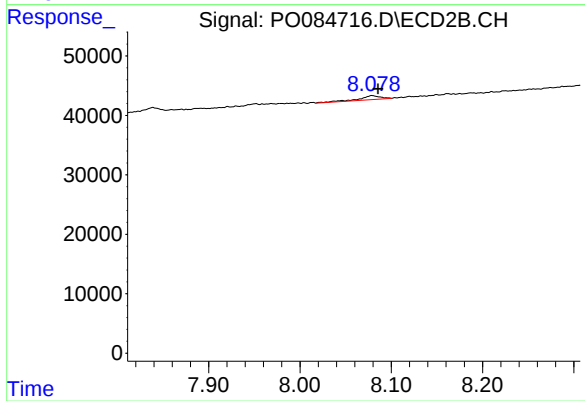
#39 AR-1262-4

R.T.: 7.580 min
Delta R.T.: -0.008 min
Response: 166312
Conc: 41.79 ng/ml



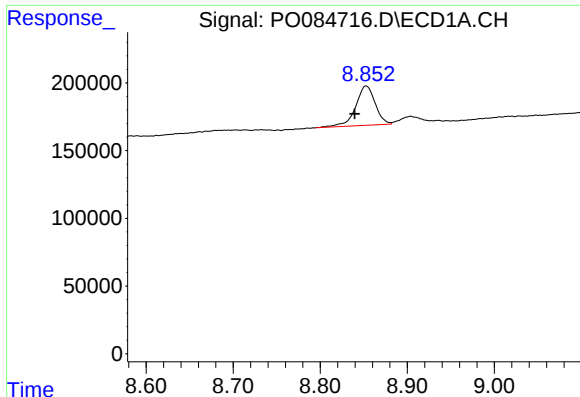
#40 AR-1262-5

R.T.: 9.628 min
Delta R.T.: 0.000 min
Response: 7334
Conc: 1.33 ng/ml



#40 AR-1262-5

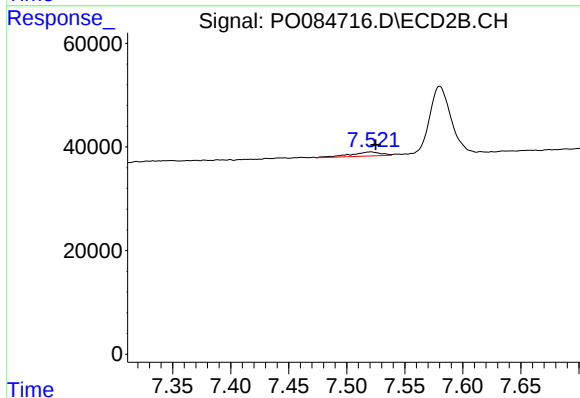
R.T.: 8.079 min
Delta R.T.: -0.007 min
Response: 10816
Conc: 6.07 ng/ml



#41 AR-1268-1

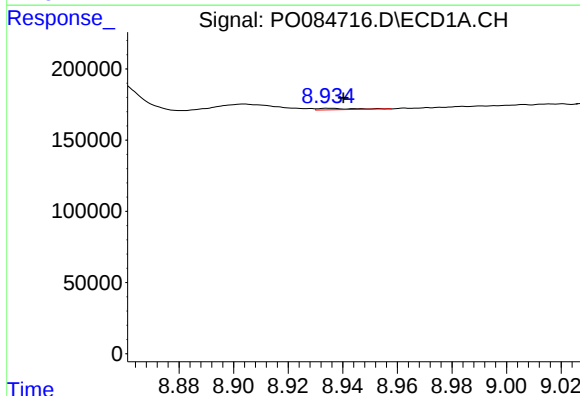
R.T.: 8.853 min
Delta R.T.: 0.013 min
Response: 453678
Conc: 24.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



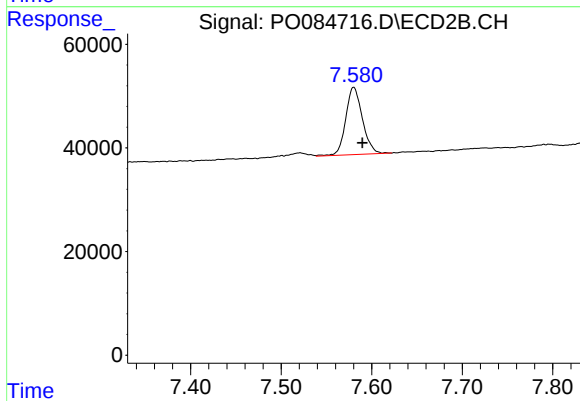
#41 AR-1268-1

R.T.: 7.521 min
Delta R.T.: -0.004 min
Response: 14169
Conc: 2.31 ng/ml



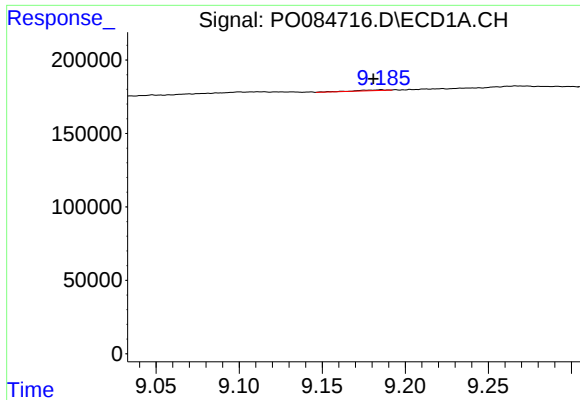
#42 AR-1268-2

R.T.: 8.935 min
Delta R.T.: -0.005 min
Response: 9202
Conc: 0.56 ng/ml



#42 AR-1268-2

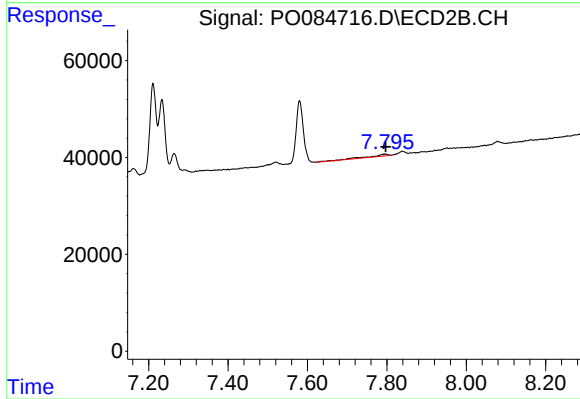
R.T.: 7.580 min
Delta R.T.: -0.010 min
Response: 166312
Conc: 30.26 ng/ml



#43 AR-1268-3

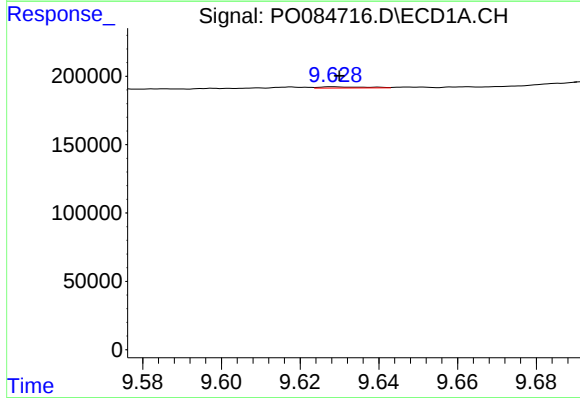
R.T.: 9.185 min
Delta R.T.: 0.005 min
Response: 5902
Conc: 0.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



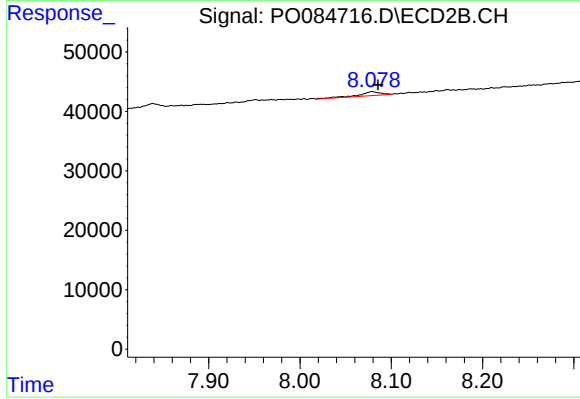
#43 AR-1268-3

R.T.: 7.790 min
Delta R.T.: -0.007 min
Response: 13272
Conc: 2.91 ng/ml



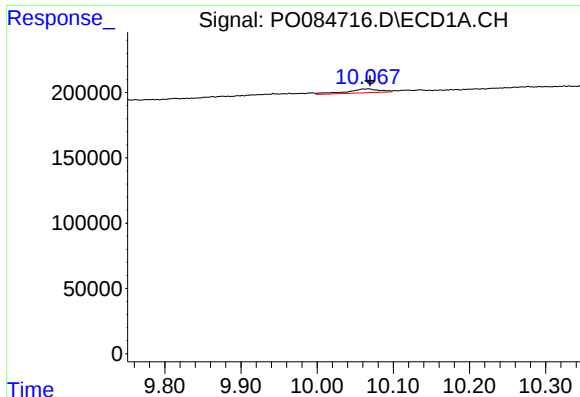
#44 AR-1268-4

R.T.: 9.628 min
Delta R.T.: -0.002 min
Response: 7334
Conc: 1.21 ng/ml



#44 AR-1268-4

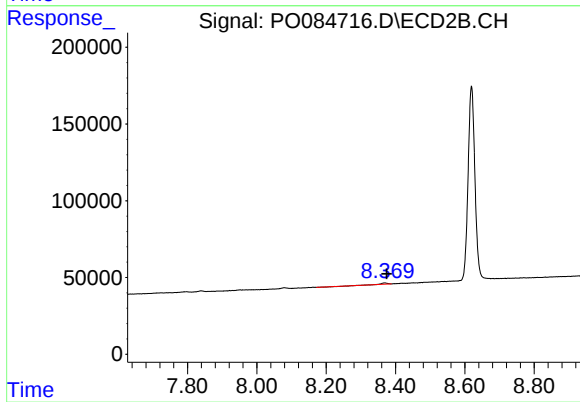
R.T.: 8.079 min
Delta R.T.: -0.007 min
Response: 10816
Conc: 5.75 ng/ml



#45 AR-1268-5

R.T.: 10.067 min
Delta R.T.: -0.002 min
Response: 88125
Conc: 1.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.369 min
Delta R.T.: -0.006 min
Response: 8862
Conc: 0.65 ng/ml