

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110421\
 Data File : PO082502.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Nov 2021 22:49
 Operator : AJ\MA
 Sample : M4448-01MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 11:32:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 03 05:20:12 2021
 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...	4.969	3.965	1736846	611081	19.843	19.746
2)	SA Decachlor...	11.076	9.280	1126856	532765	17.844	18.504
Target Compounds							
3)	L1 AR-1016-1	6.302	5.224	1351118	620673	465.807	462.622
4)	L1 AR-1016-2	6.326	5.244	1898227	851344	459.929	462.337
5)	L1 AR-1016-3	6.392	5.434	1186288	467909	463.244	469.364
6)	L1 AR-1016-4	6.500	5.488	979577	375694	474.543	460.589
7)	L1 AR-1016-5	6.817	5.716	914611	452520	448.514	443.898
8)	L2 AR-1221-1	5.221	4.222	181203	60005	192.144	157.105
9)	L2 AR-1221-2	5.323	4.322	174801	73380	269.677	252.768
10)	L2 AR-1221-3	5.410	4.411	765827	328759	371.236	355.292
11)	L3 AR-1232-1	5.410	4.411	765827	328759	442.089	416.451
12)	L3 AR-1232-2	6.004	5.244	1071246	851344	1211.436	1134.169
13)	L3 AR-1232-3	6.326	5.434	1898227	467909	1202.066	1179.942
14)	L3 AR-1232-4	6.500	5.532	979577	445528	1275.608	1290.116
15)	L3 AR-1232-5	6.598	5.716	767630	452520	1388.685	1207.023
16)	L4 AR-1242-1	6.302	5.224	1351118	620673	650.037	636.008
17)	L4 AR-1242-2	6.326	5.244	1898227	851344	650.734	632.439
18)	L4 AR-1242-3	6.392	5.434	1186288	467909	643.106	641.907
19)	L4 AR-1242-4	6.500	5.532	979577	445528	655.441	624.066
20)	L4 AR-1242-5	7.289	6.097	131242	420772	87.730	455.779 #
21)	L5 AR-1248-1	6.302	5.224	1351118	620673	885.247	841.624
22)	L5 AR-1248-2	6.598	5.488	767630	375694	364.966	368.942
23)	L5 AR-1248-3	6.817	5.532	914611	445528	376.949	428.160
24)	L5 AR-1248-4	7.250	5.716	216952	452520	84.466	369.148 #
25)	L5 AR-1248-5	7.289	6.140	131242	83716	52.033	67.749 #
26)	L6 AR-1254-1	7.218	6.097	722568	420772	265.218	216.629
27)	L6 AR-1254-2	7.449	6.257	763689	423059	183.333	247.206 #
28)	L6 AR-1254-3	7.834	6.698f	435273	682735	101.771	265.561 #
29)	L6 AR-1254-4	8.130	6.919	244316	86141	79.668	47.389 #
30)	L6 AR-1254-5	8.563	7.349	2196947	1419860	683.150	610.871
31)	L7 AR-1260-1	8.001	6.816	1951481	932637	614.545	514.125
32)	L7 AR-1260-2	8.269	7.014	1938350	1208652	515.662	505.046
33)	L7 AR-1260-3	8.637	7.169	1160168	998069	409.652	469.326
34)	L7 AR-1260-4	8.869	7.654	1446130	725272	433.827	434.829
35)	L7 AR-1260-5	9.204	7.903	2628354	1770859	418.873	425.283
36)	L8 AR-1262-1	8.637	7.349	1160168	1419860	312.676	1188.038 #
37)	L8 AR-1262-2	9.204	7.903	2628354	1770859	411.516	433.923
38)	L8 AR-1262-3	9.544f	8.191	1732213	365565	604.068	224.174 #
39)	L8 AR-1262-4	9.597f	8.253	967137	1185181	573.065	407.000 #
40)	L8 AR-1262-5	10.302	8.754	638892	367628	263.059	268.325
41)	L9 AR-1268-1	9.544f	8.191	1732213	365565	212.201	69.898 #

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 ALS Vial : 35 Sample Multiplier: 1

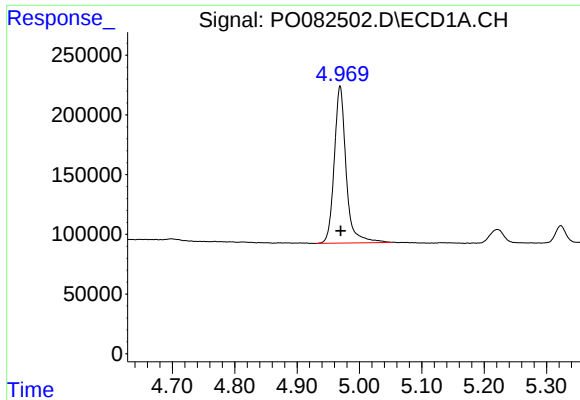
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	9.597f	8.253	967137	1185181	127.913	261.185 #
43) L9	AR-1268-3	9.849	8.464	67829	50693	10.338	13.043 #
44) L9	AR-1268-4	10.302	8.754	638892	367628	227.140	231.387
45) L9	AR-1268-5	10.731	9.034	293001	150727	13.244	13.784

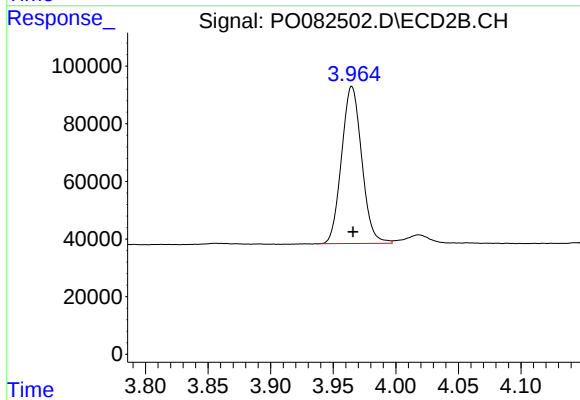
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

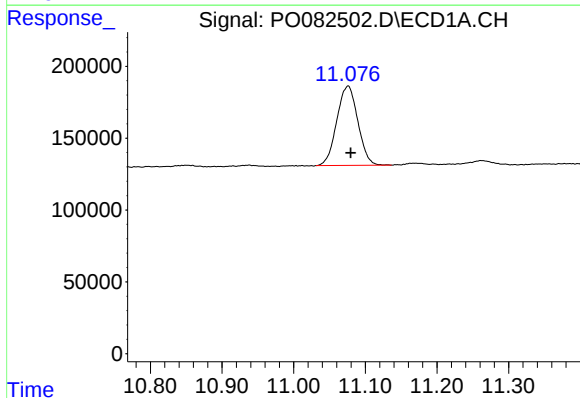
R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 1736846
Conc: 19.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



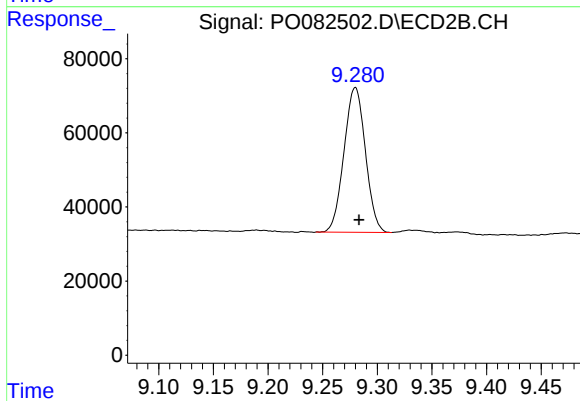
#1 Tetrachloro-m-xylene

R.T.: 3.965 min
Delta R.T.: -0.001 min
Response: 611081
Conc: 19.75 ng/ml



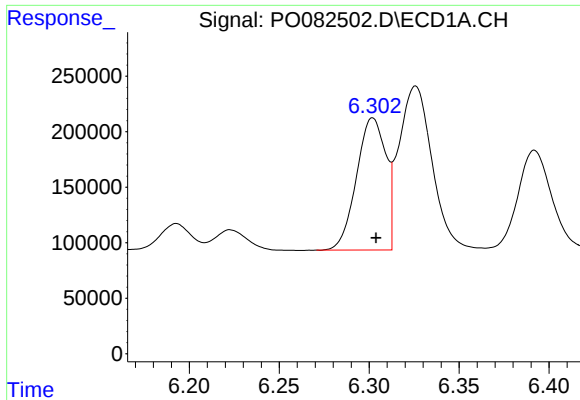
#2 Decachlorobiphenyl

R.T.: 11.076 min
Delta R.T.: -0.004 min
Response: 1126856
Conc: 17.84 ng/ml



#2 Decachlorobiphenyl

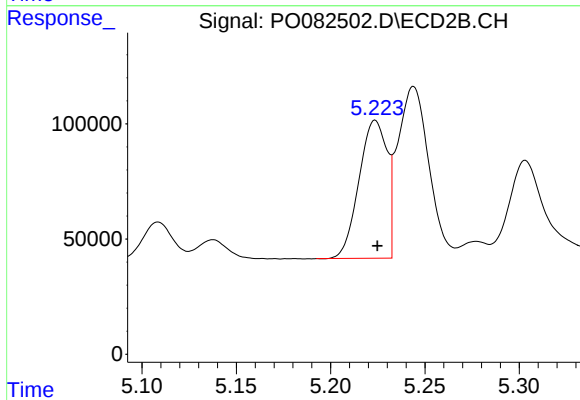
R.T.: 9.280 min
Delta R.T.: -0.004 min
Response: 532765
Conc: 18.50 ng/ml



#3 AR-1016-1

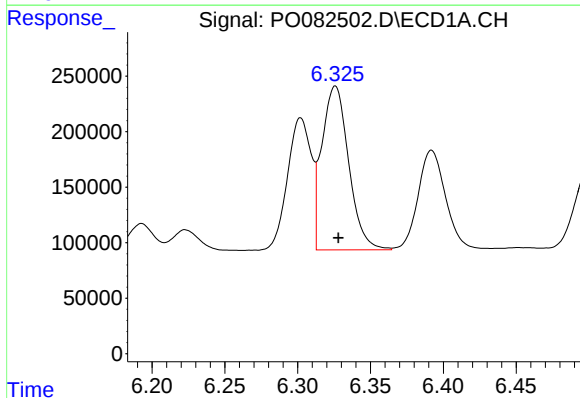
R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 1351118
Conc: 465.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



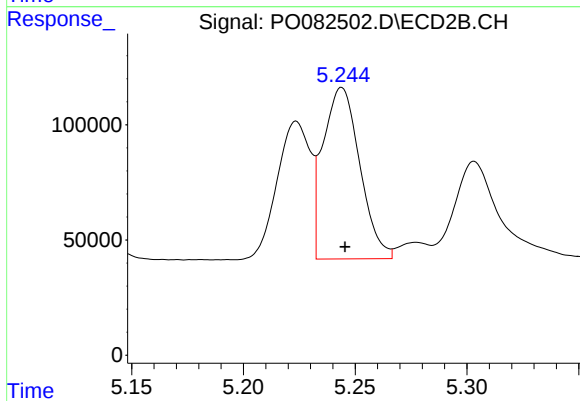
#3 AR-1016-1

R.T.: 5.224 min
Delta R.T.: -0.001 min
Response: 620673
Conc: 462.62 ng/ml



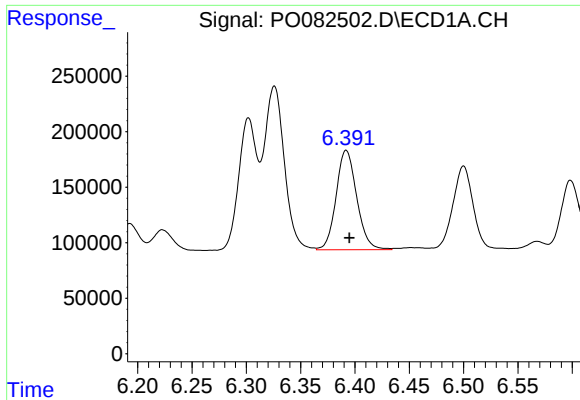
#4 AR-1016-2

R.T.: 6.326 min
Delta R.T.: -0.002 min
Response: 1898227
Conc: 459.93 ng/ml



#4 AR-1016-2

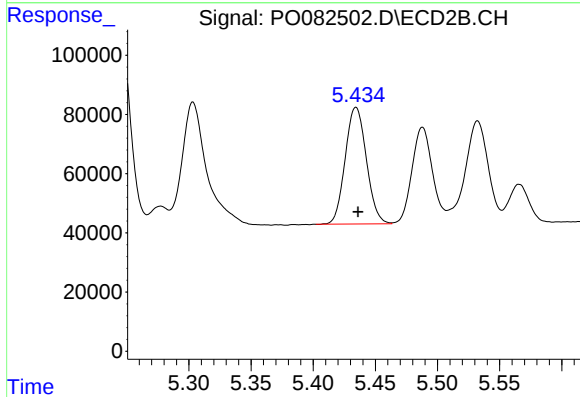
R.T.: 5.244 min
Delta R.T.: -0.001 min
Response: 851344
Conc: 462.34 ng/ml



#5 AR-1016-3

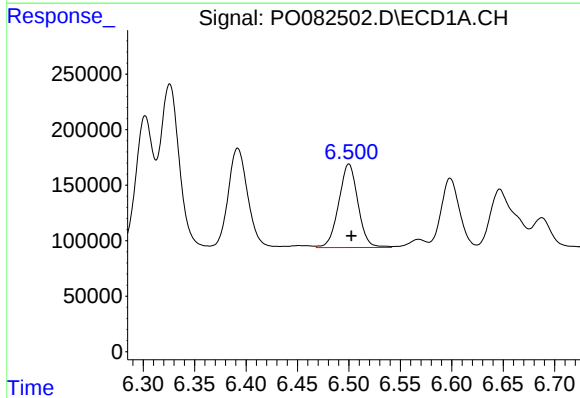
R.T.: 6.392 min
Delta R.T.: -0.003 min
Response: 1186288
Conc: 463.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



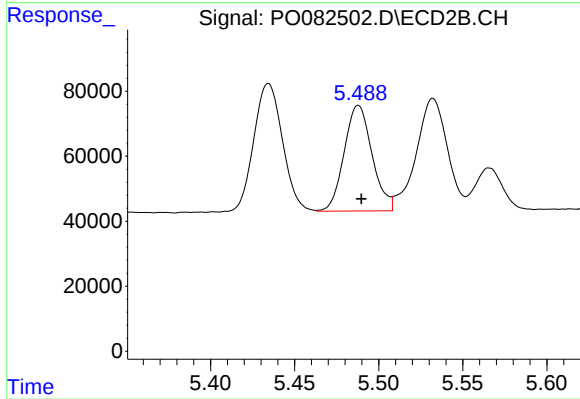
#5 AR-1016-3

R.T.: 5.434 min
Delta R.T.: -0.002 min
Response: 467909
Conc: 469.36 ng/ml



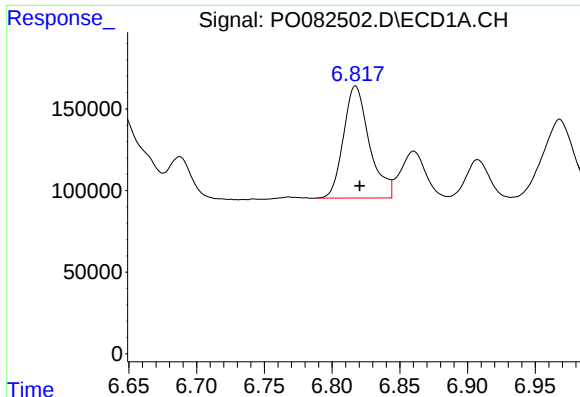
#6 AR-1016-4

R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 979577
Conc: 474.54 ng/ml



#6 AR-1016-4

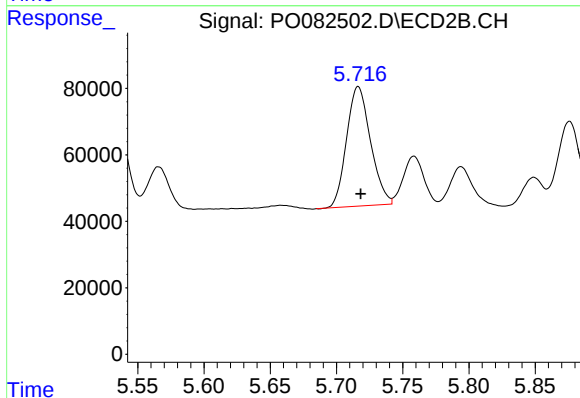
R.T.: 5.488 min
Delta R.T.: -0.002 min
Response: 375694
Conc: 460.59 ng/ml



#7 AR-1016-5

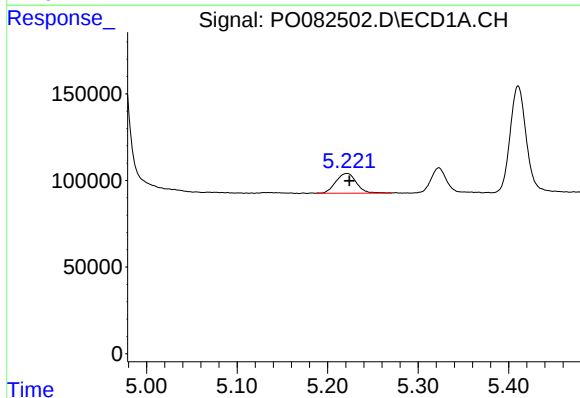
R.T.: 6.817 min
Delta R.T.: -0.003 min
Response: 914611
Conc: 448.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



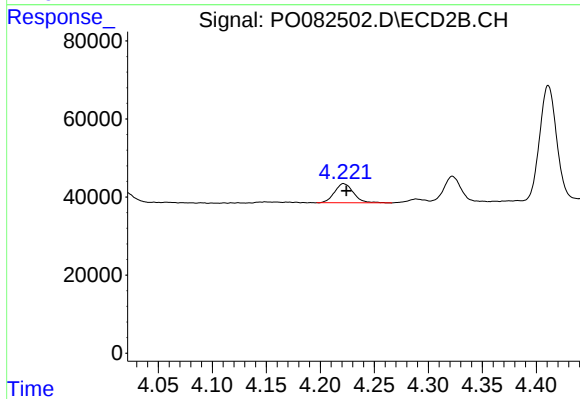
#7 AR-1016-5

R.T.: 5.716 min
Delta R.T.: -0.002 min
Response: 452520
Conc: 443.90 ng/ml



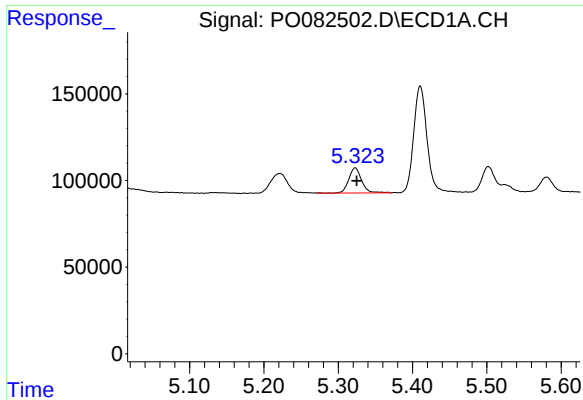
#8 AR-1221-1

R.T.: 5.221 min
Delta R.T.: -0.003 min
Response: 181203
Conc: 192.14 ng/ml



#8 AR-1221-1

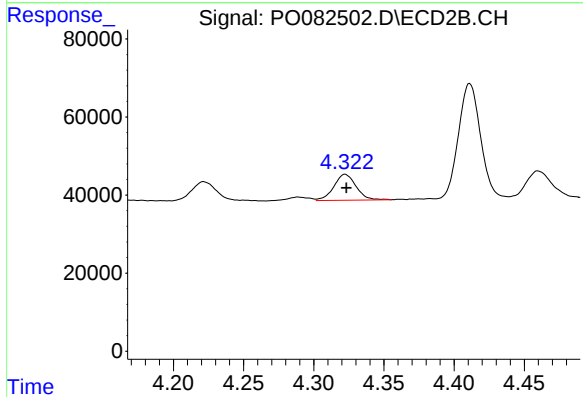
R.T.: 4.222 min
Delta R.T.: -0.002 min
Response: 60005
Conc: 157.10 ng/ml



#9 AR-1221-2

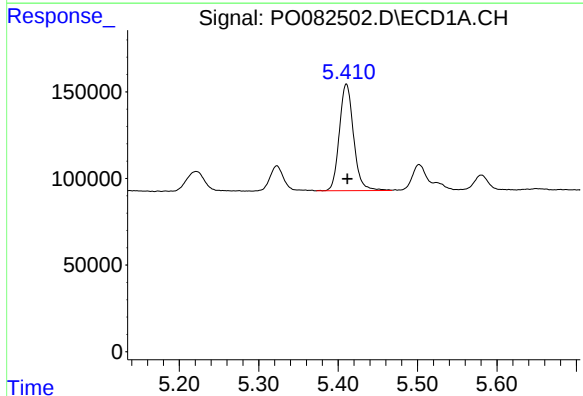
R.T.: 5.323 min
Delta R.T.: -0.002 min
Response: 174801
Conc: 269.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



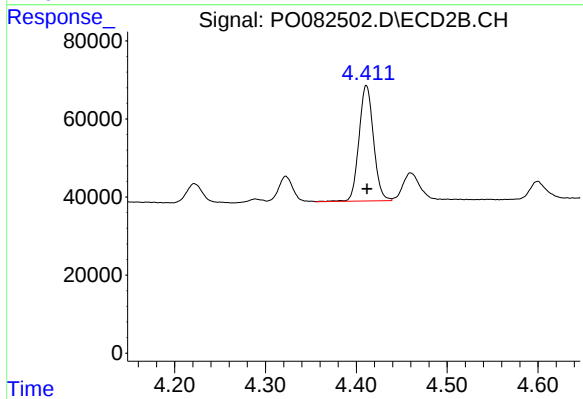
#9 AR-1221-2

R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 73380
Conc: 252.77 ng/ml



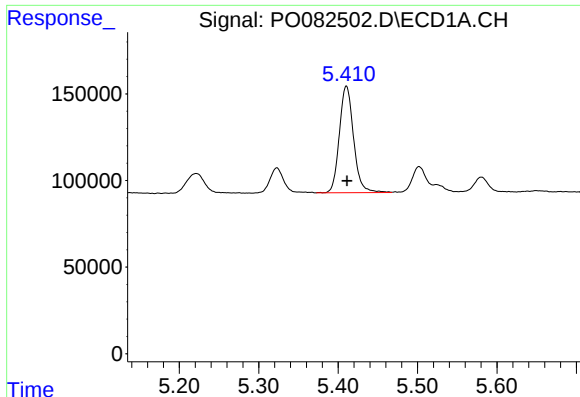
#10 AR-1221-3

R.T.: 5.410 min
Delta R.T.: -0.001 min
Response: 765827
Conc: 371.24 ng/ml



#10 AR-1221-3

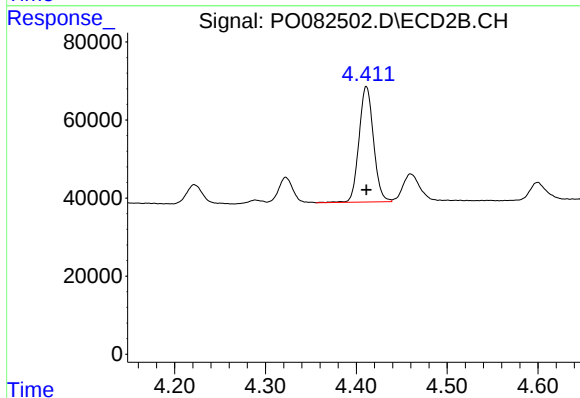
R.T.: 4.411 min
Delta R.T.: 0.000 min
Response: 328759
Conc: 355.29 ng/ml



#11 AR-1232-1

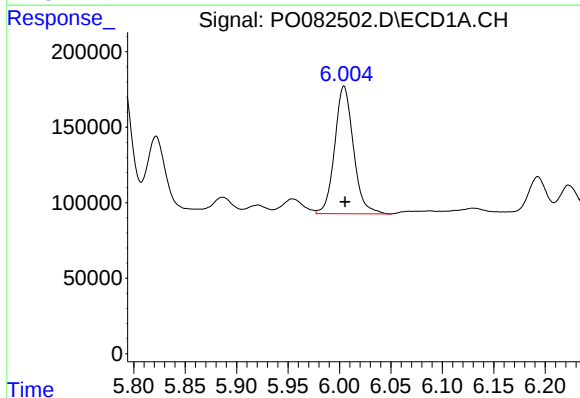
R.T.: 5.410 min
Delta R.T.: 0.000 min
Response: 765827
Conc: 442.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



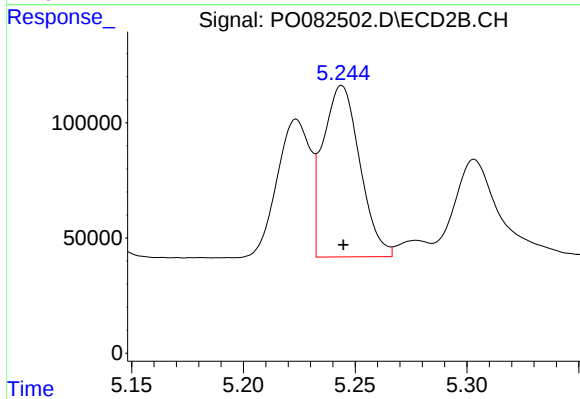
#11 AR-1232-1

R.T.: 4.411 min
Delta R.T.: 0.000 min
Response: 328759
Conc: 416.45 ng/ml



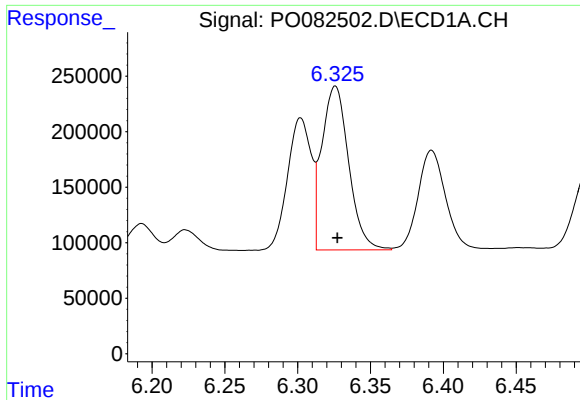
#12 AR-1232-2

R.T.: 6.004 min
Delta R.T.: -0.001 min
Response: 1071246
Conc: 1211.44 ng/ml



#12 AR-1232-2

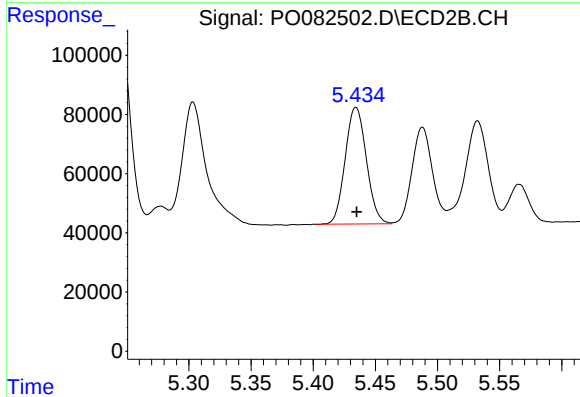
R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 851344
Conc: 1134.17 ng/ml



#13 AR-1232-3

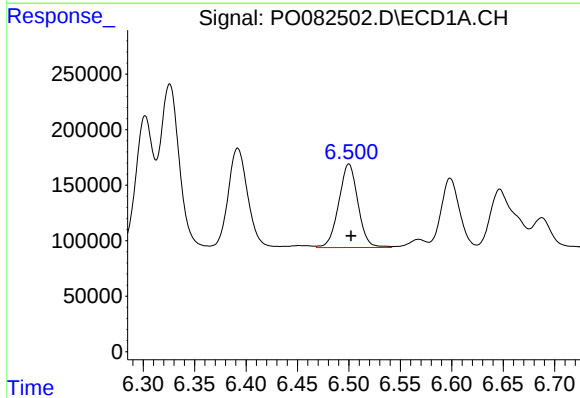
R.T.: 6.326 min
Delta R.T.: -0.001 min
Response: 1898227
Conc: 1202.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



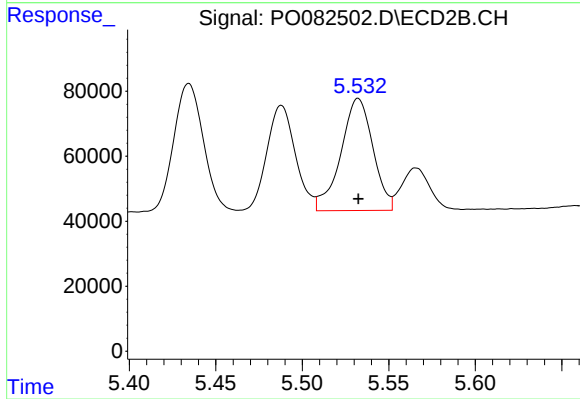
#13 AR-1232-3

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 467909
Conc: 1179.94 ng/ml



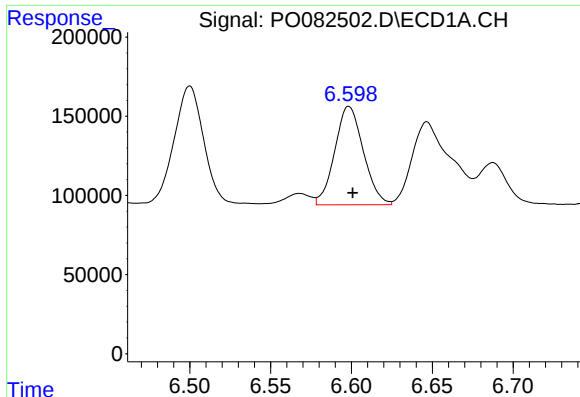
#14 AR-1232-4

R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 979577
Conc: 1275.61 ng/ml



#14 AR-1232-4

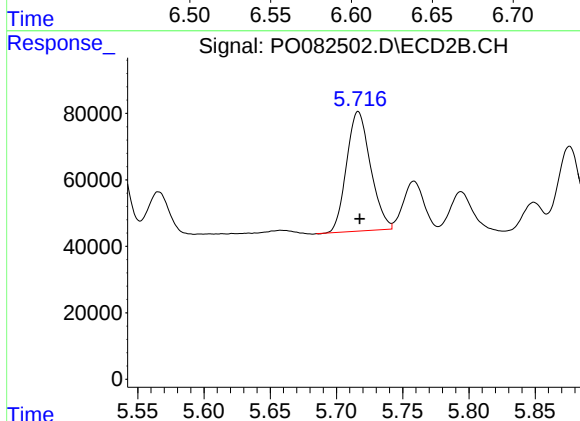
R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 445528
Conc: 1290.12 ng/ml



#15 AR-1232-5

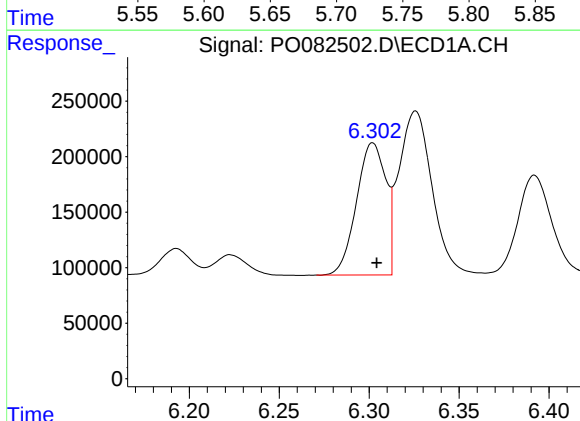
R.T.: 6.598 min
Delta R.T.: -0.002 min
Response: 767630
Conc: 1388.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



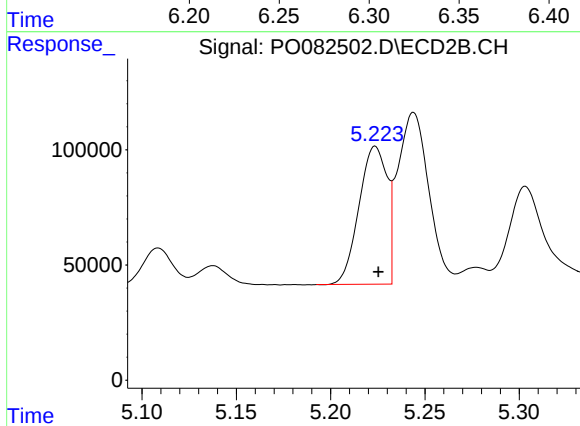
#15 AR-1232-5

R.T.: 5.716 min
Delta R.T.: -0.001 min
Response: 452520
Conc: 1207.02 ng/ml



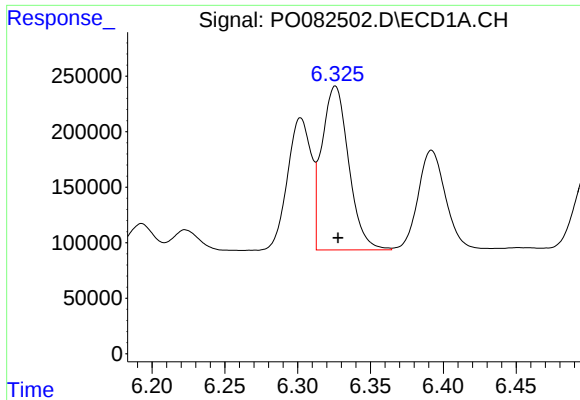
#16 AR-1242-1

R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 1351118
Conc: 650.04 ng/ml



#16 AR-1242-1

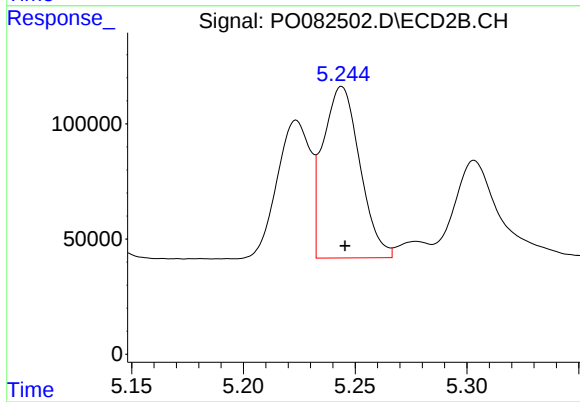
R.T.: 5.224 min
Delta R.T.: -0.002 min
Response: 620673
Conc: 636.01 ng/ml



#17 AR-1242-2

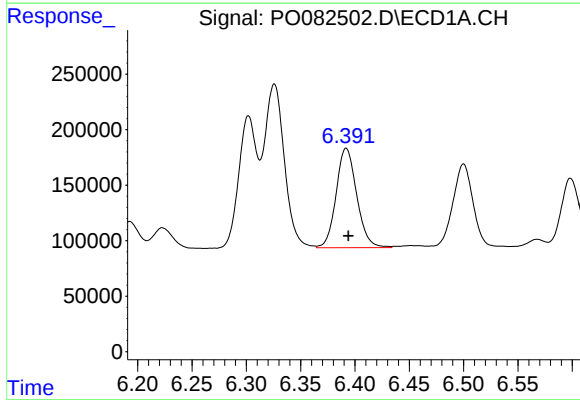
R.T.: 6.326 min
Delta R.T.: -0.002 min
Response: 1898227
Conc: 650.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



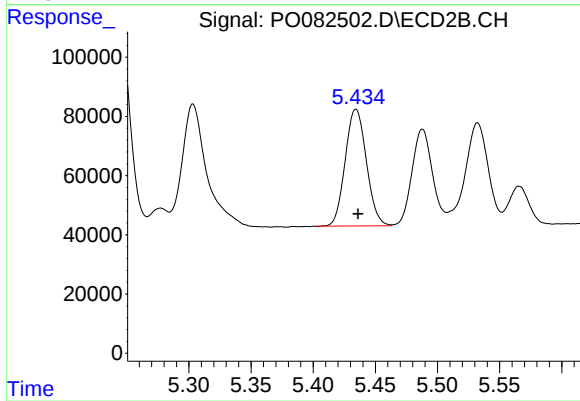
#17 AR-1242-2

R.T.: 5.244 min
Delta R.T.: -0.001 min
Response: 851344
Conc: 632.44 ng/ml



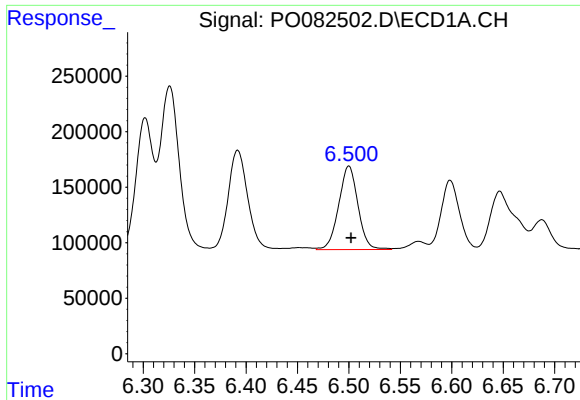
#18 AR-1242-3

R.T.: 6.392 min
Delta R.T.: -0.002 min
Response: 1186288
Conc: 643.11 ng/ml



#18 AR-1242-3

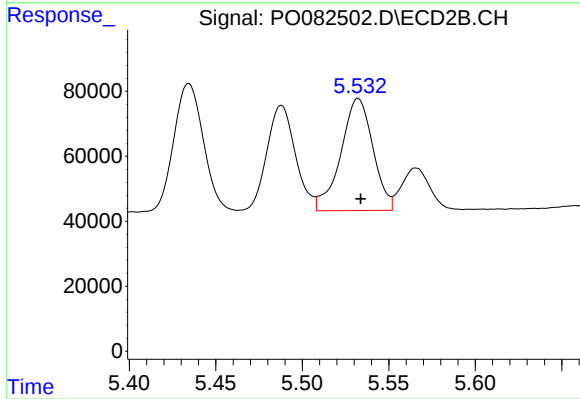
R.T.: 5.434 min
Delta R.T.: -0.002 min
Response: 467909
Conc: 641.91 ng/ml



#19 AR-1242-4

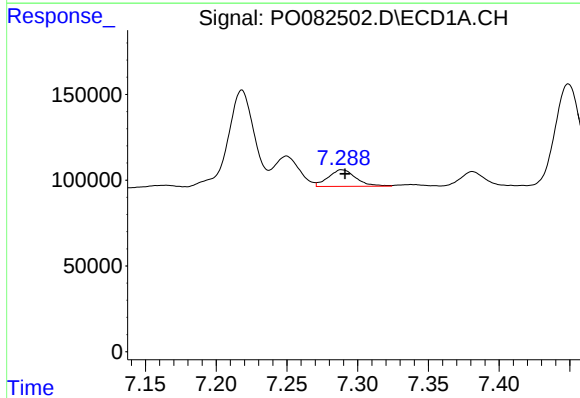
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 979577
Conc: 655.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



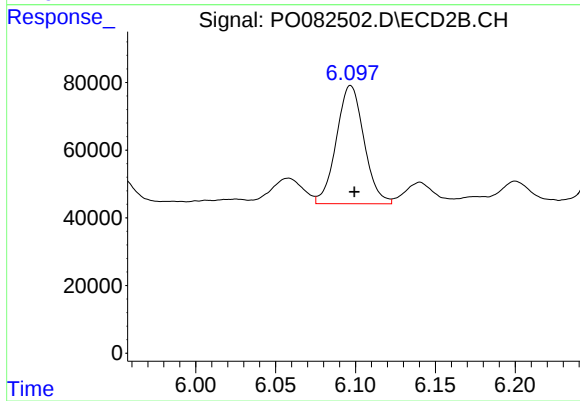
#19 AR-1242-4

R.T.: 5.532 min
Delta R.T.: -0.002 min
Response: 445528
Conc: 624.07 ng/ml



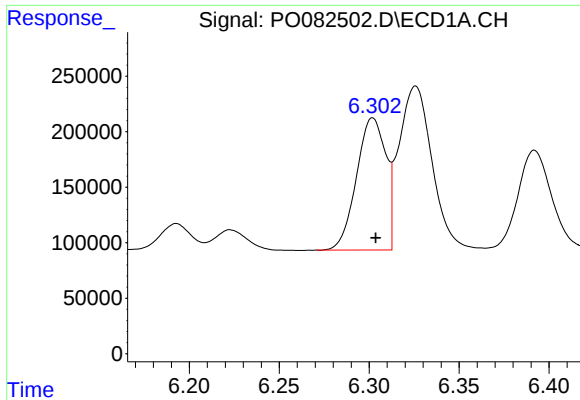
#20 AR-1242-5

R.T.: 7.289 min
Delta R.T.: -0.002 min
Response: 131242
Conc: 87.73 ng/ml



#20 AR-1242-5

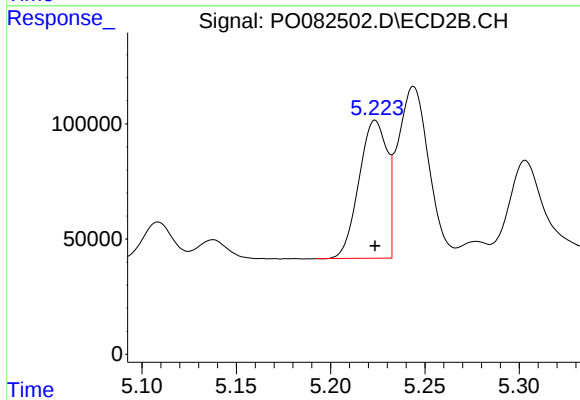
R.T.: 6.097 min
Delta R.T.: -0.002 min
Response: 420772
Conc: 455.78 ng/ml



#21 AR-1248-1

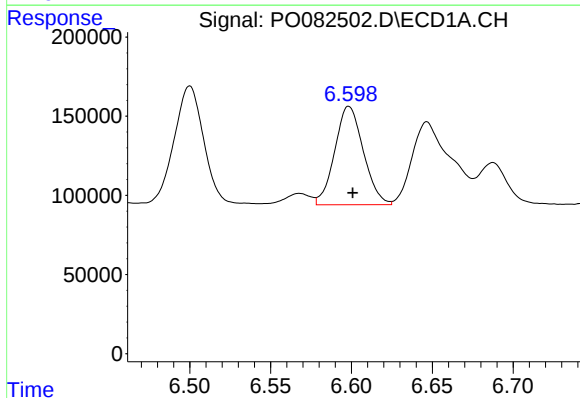
R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 1351118
Conc: 885.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



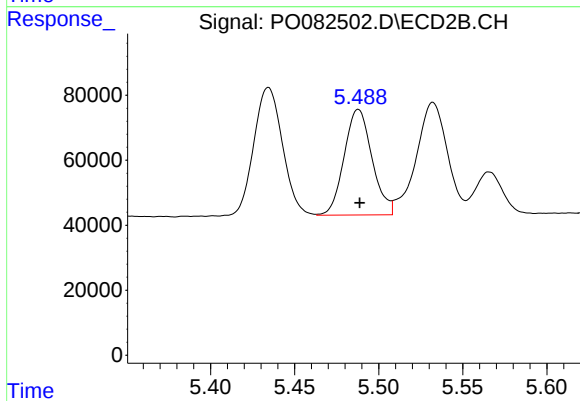
#21 AR-1248-1

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 620673
Conc: 841.62 ng/ml



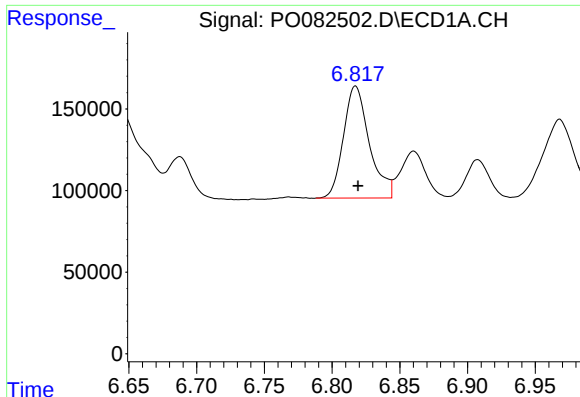
#22 AR-1248-2

R.T.: 6.598 min
Delta R.T.: -0.002 min
Response: 767630
Conc: 364.97 ng/ml



#22 AR-1248-2

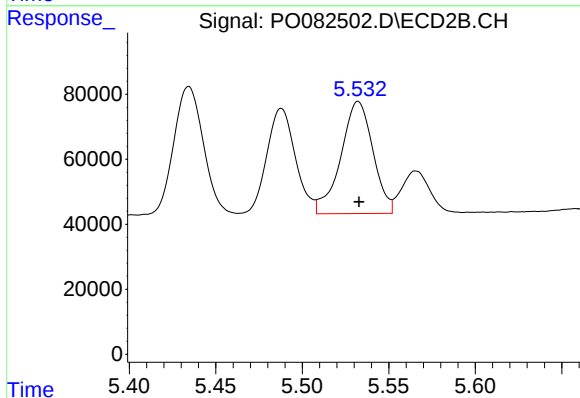
R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 375694
Conc: 368.94 ng/ml



#23 AR-1248-3

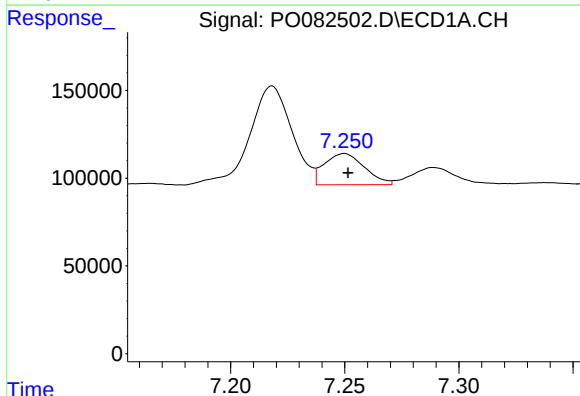
R.T.: 6.817 min
Delta R.T.: -0.002 min
Response: 914611
Conc: 376.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



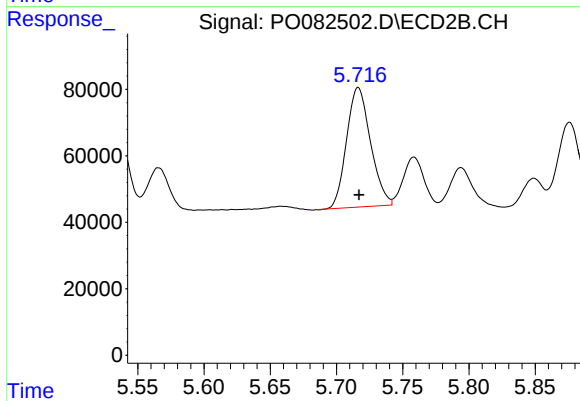
#23 AR-1248-3

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 445528
Conc: 428.16 ng/ml



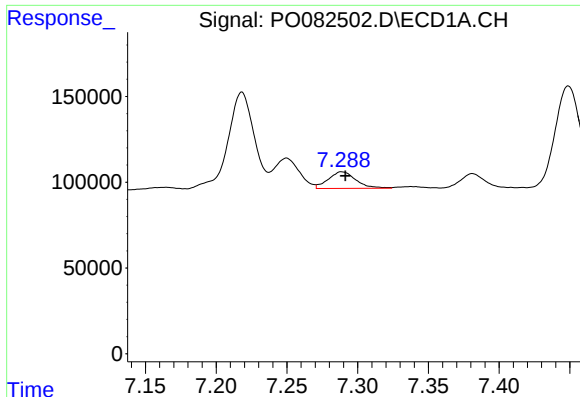
#24 AR-1248-4

R.T.: 7.250 min
Delta R.T.: -0.002 min
Response: 216952
Conc: 84.47 ng/ml



#24 AR-1248-4

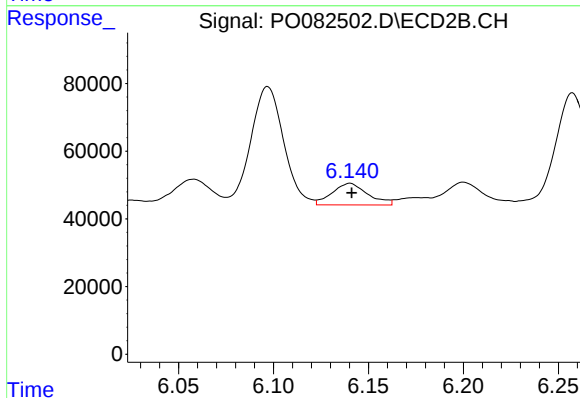
R.T.: 5.716 min
Delta R.T.: 0.000 min
Response: 452520
Conc: 369.15 ng/ml



#25 AR-1248-5

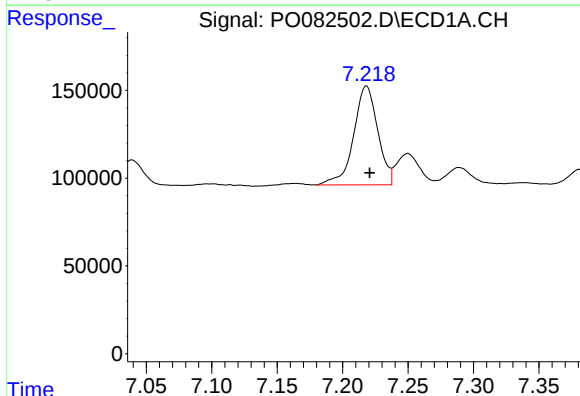
R.T.: 7.289 min
Delta R.T.: -0.002 min
Response: 131242
Conc: 52.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



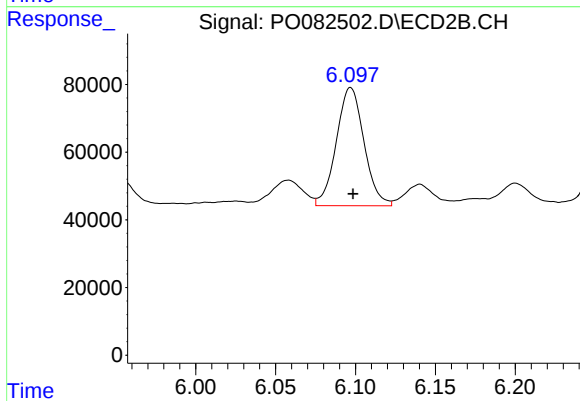
#25 AR-1248-5

R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 83716
Conc: 67.75 ng/ml



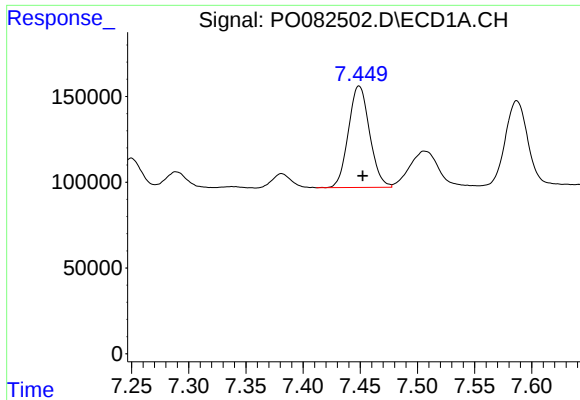
#26 AR-1254-1

R.T.: 7.218 min
Delta R.T.: -0.002 min
Response: 722568
Conc: 265.22 ng/ml



#26 AR-1254-1

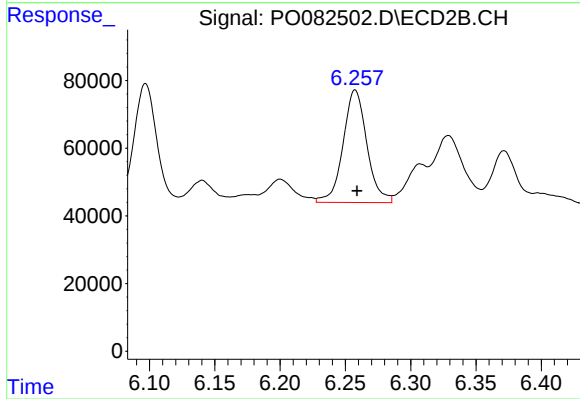
R.T.: 6.097 min
Delta R.T.: -0.002 min
Response: 420772
Conc: 216.63 ng/ml



#27 AR-1254-2

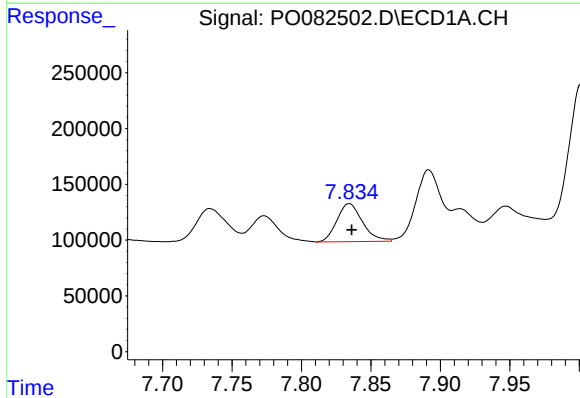
R.T.: 7.449 min
Delta R.T.: -0.003 min
Response: 763689
Conc: 183.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



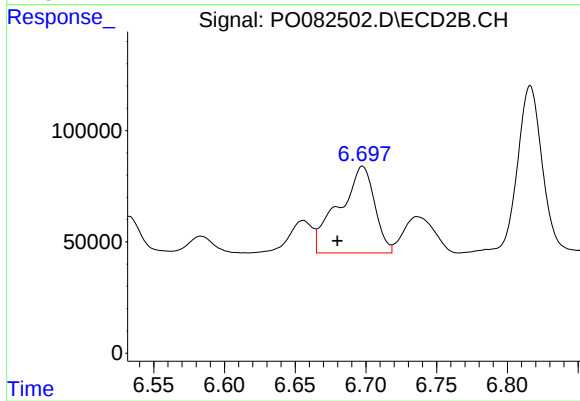
#27 AR-1254-2

R.T.: 6.257 min
Delta R.T.: -0.001 min
Response: 423059
Conc: 247.21 ng/ml



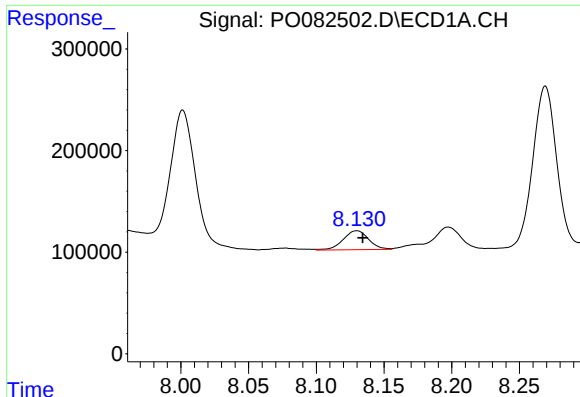
#28 AR-1254-3

R.T.: 7.834 min
Delta R.T.: -0.002 min
Response: 435273
Conc: 101.77 ng/ml



#28 AR-1254-3

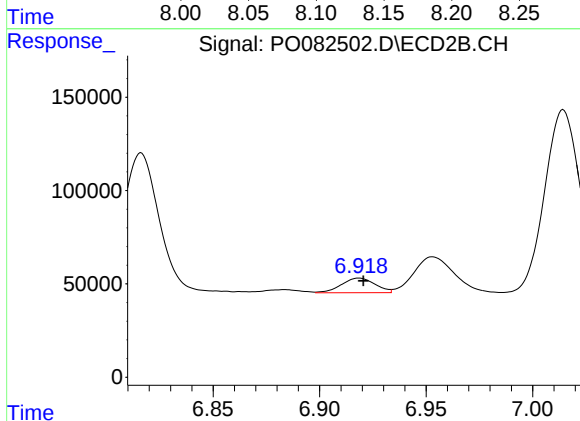
R.T.: 6.698 min
Delta R.T.: 0.018 min
Response: 682735
Conc: 265.56 ng/ml



#29 AR-1254-4

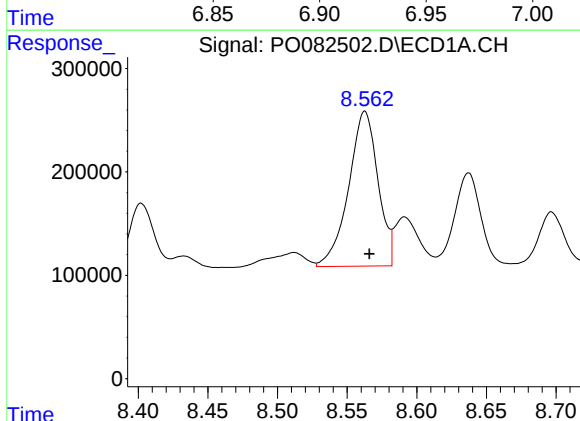
R.T.: 8.130 min
Delta R.T.: -0.004 min
Response: 244316
Conc: 79.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



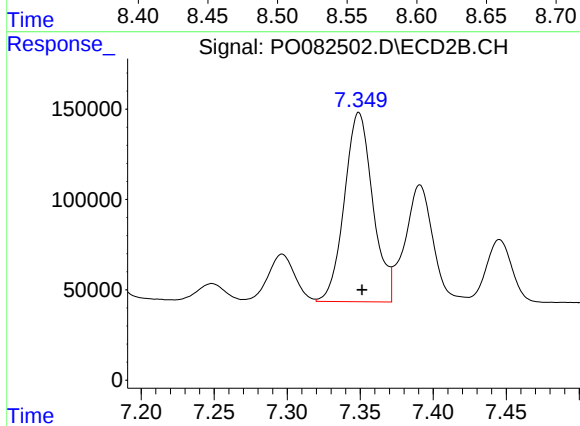
#29 AR-1254-4

R.T.: 6.919 min
Delta R.T.: -0.002 min
Response: 86141
Conc: 47.39 ng/ml



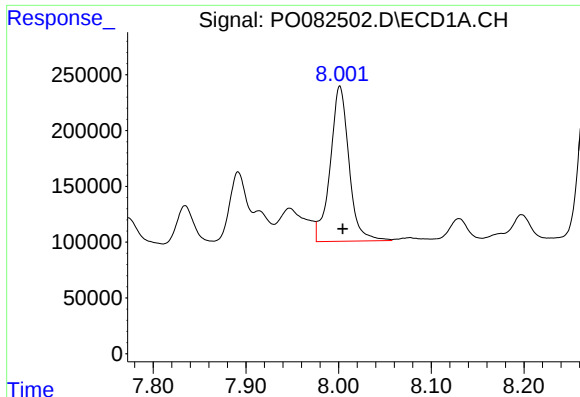
#30 AR-1254-5

R.T.: 8.563 min
Delta R.T.: -0.003 min
Response: 2196947
Conc: 683.15 ng/ml



#30 AR-1254-5

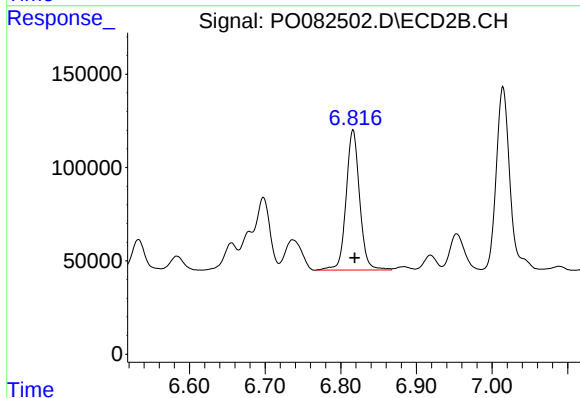
R.T.: 7.349 min
Delta R.T.: -0.002 min
Response: 1419860
Conc: 610.87 ng/ml



#31 AR-1260-1

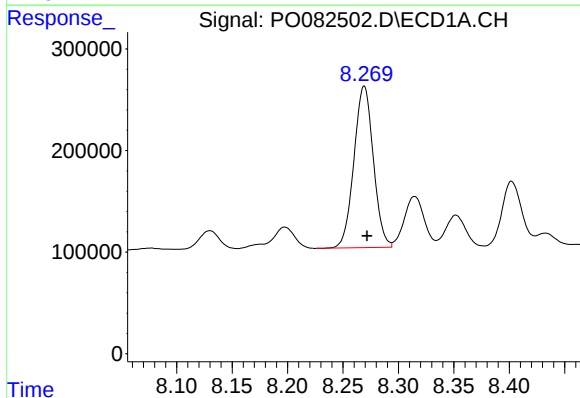
R.T.: 8.001 min
Delta R.T.: -0.003 min
Response: 1951481
Conc: 614.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



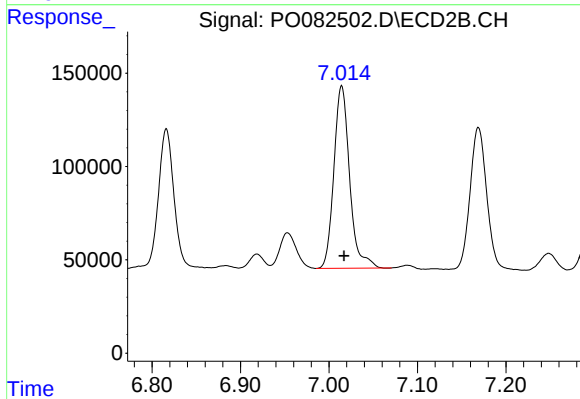
#31 AR-1260-1

R.T.: 6.816 min
Delta R.T.: -0.002 min
Response: 932637
Conc: 514.12 ng/ml



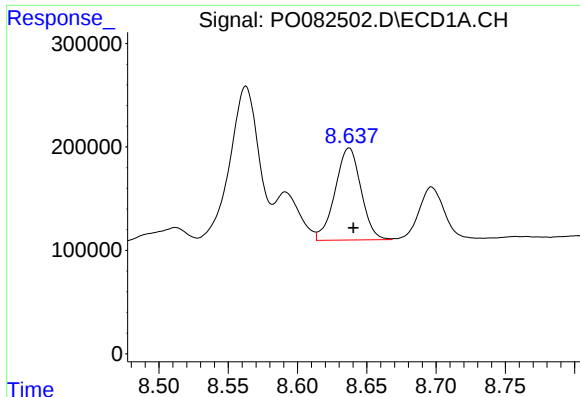
#32 AR-1260-2

R.T.: 8.269 min
Delta R.T.: -0.003 min
Response: 1938350
Conc: 515.66 ng/ml



#32 AR-1260-2

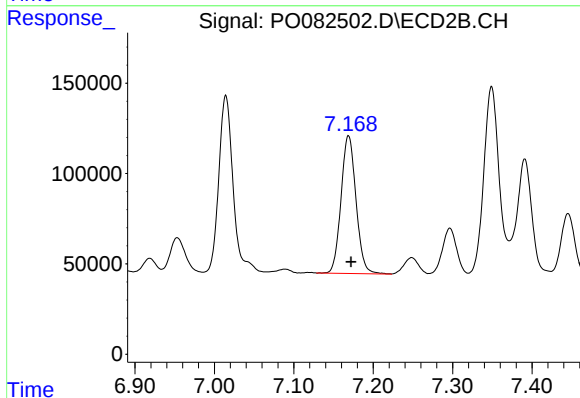
R.T.: 7.014 min
Delta R.T.: -0.003 min
Response: 1208652
Conc: 505.05 ng/ml



#33 AR-1260-3

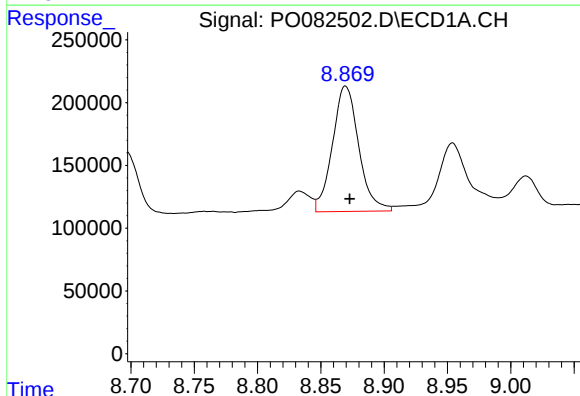
R.T.: 8.637 min
Delta R.T.: -0.003 min
Response: 1160168
Conc: 409.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



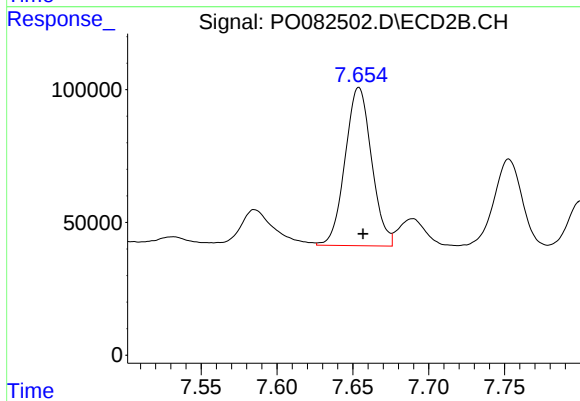
#33 AR-1260-3

R.T.: 7.169 min
Delta R.T.: -0.003 min
Response: 998069
Conc: 469.33 ng/ml



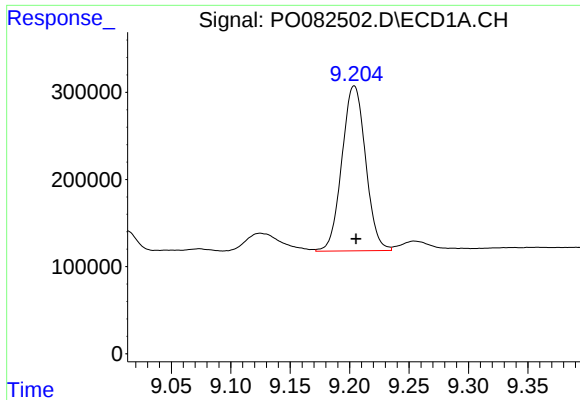
#34 AR-1260-4

R.T.: 8.869 min
Delta R.T.: -0.003 min
Response: 1446130
Conc: 433.83 ng/ml



#34 AR-1260-4

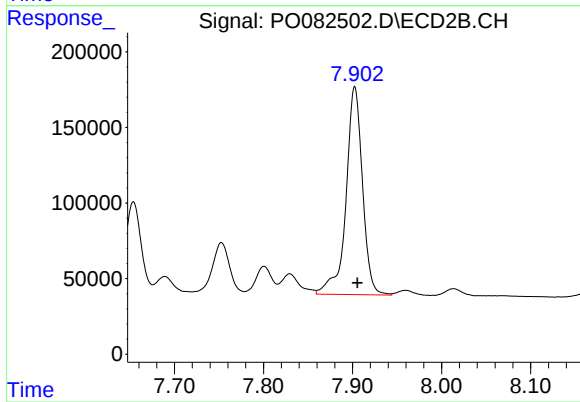
R.T.: 7.654 min
Delta R.T.: -0.003 min
Response: 725272
Conc: 434.83 ng/ml



#35 AR-1260-5

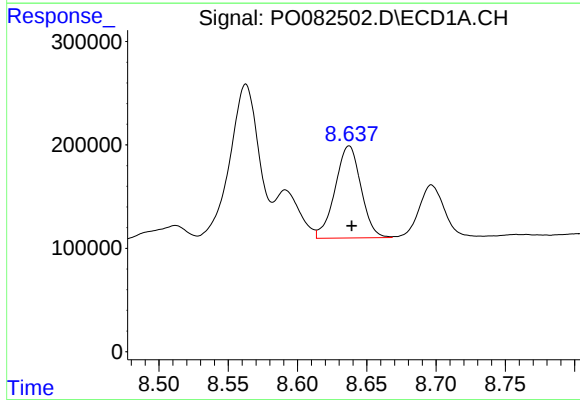
R.T.: 9.204 min
Delta R.T.: -0.002 min
Response: 2628354
Conc: 418.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



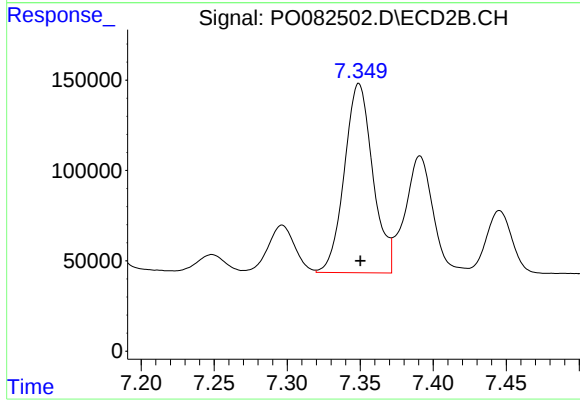
#35 AR-1260-5

R.T.: 7.903 min
Delta R.T.: -0.003 min
Response: 1770859
Conc: 425.28 ng/ml



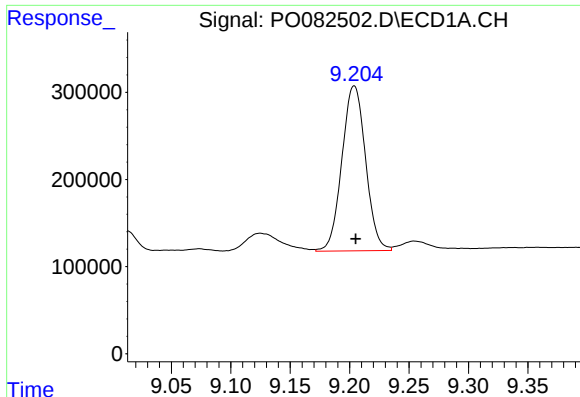
#36 AR-1262-1

R.T.: 8.637 min
Delta R.T.: -0.002 min
Response: 1160168
Conc: 312.68 ng/ml



#36 AR-1262-1

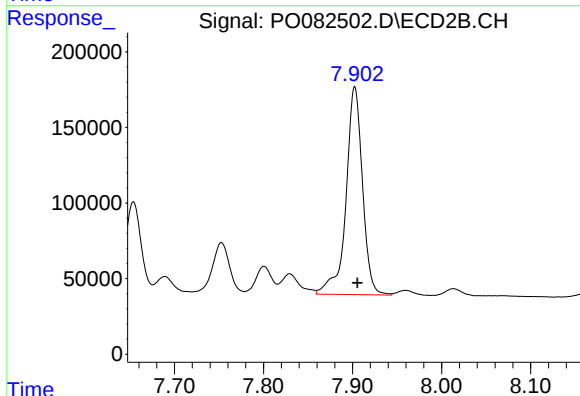
R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 1419860
Conc: 1188.04 ng/ml



#37 AR-1262-2

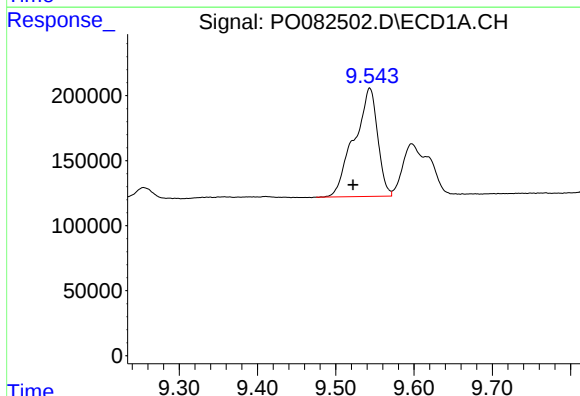
R.T.: 9.204 min
Delta R.T.: -0.001 min
Response: 2628354
Conc: 411.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



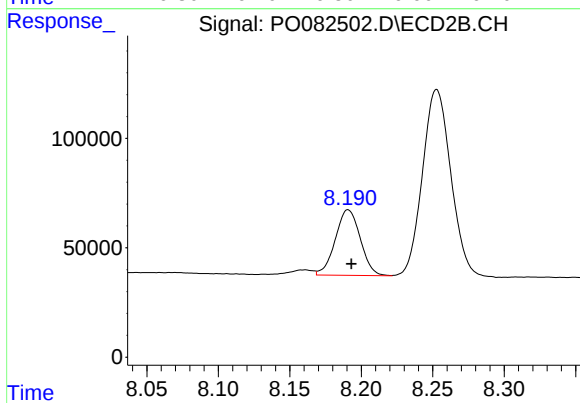
#37 AR-1262-2

R.T.: 7.903 min
Delta R.T.: -0.003 min
Response: 1770859
Conc: 433.92 ng/ml



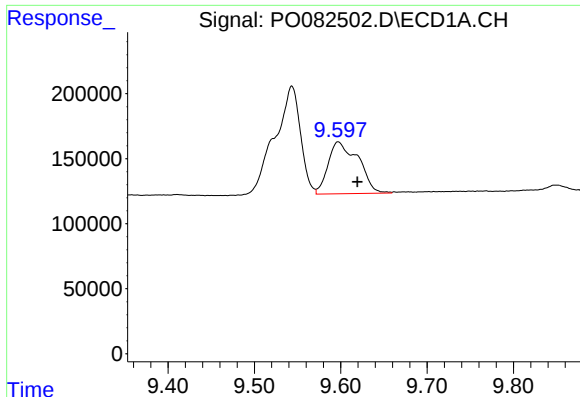
#38 AR-1262-3

R.T.: 9.544 min
Delta R.T.: 0.022 min
Response: 1732213
Conc: 604.07 ng/ml



#38 AR-1262-3

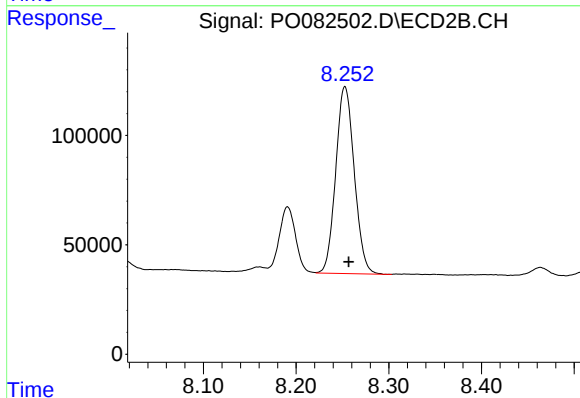
R.T.: 8.191 min
Delta R.T.: -0.002 min
Response: 365565
Conc: 224.17 ng/ml



#39 AR-1262-4

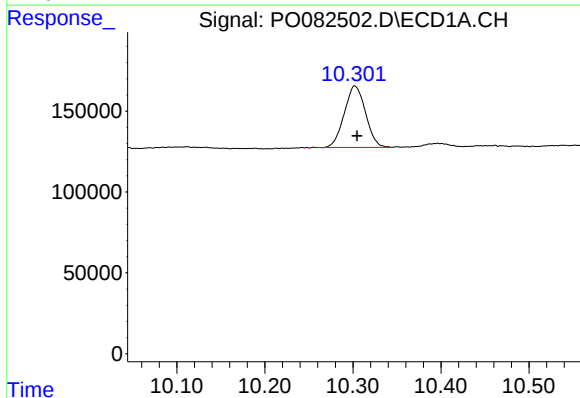
R.T.: 9.597 min
Delta R.T.: -0.022 min
Response: 967137
Conc: 573.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



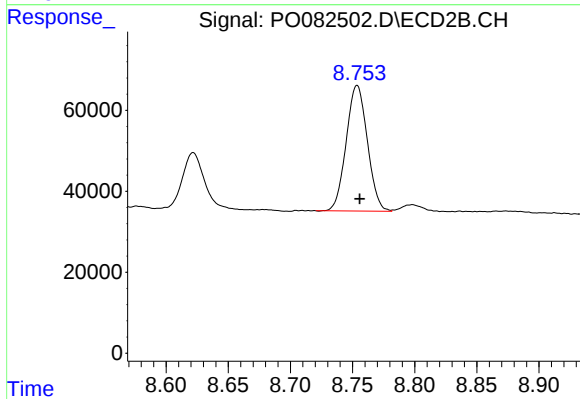
#39 AR-1262-4

R.T.: 8.253 min
Delta R.T.: -0.004 min
Response: 1185181
Conc: 407.00 ng/ml



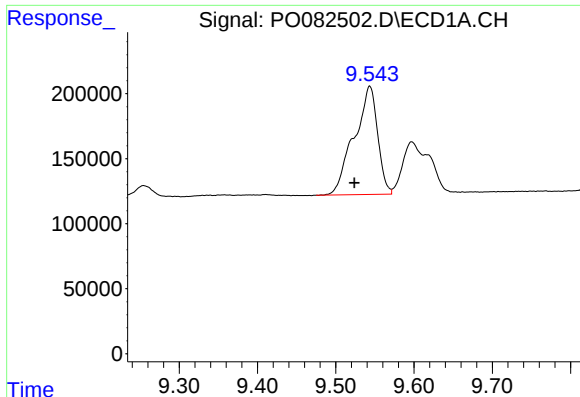
#40 AR-1262-5

R.T.: 10.302 min
Delta R.T.: -0.003 min
Response: 638892
Conc: 263.06 ng/ml



#40 AR-1262-5

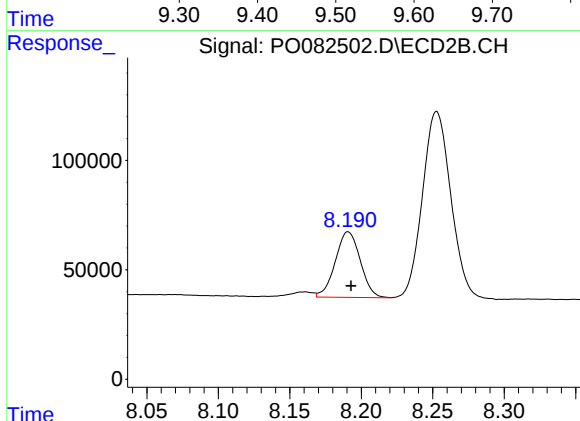
R.T.: 8.754 min
Delta R.T.: -0.002 min
Response: 367628
Conc: 268.33 ng/ml



#41 AR-1268-1

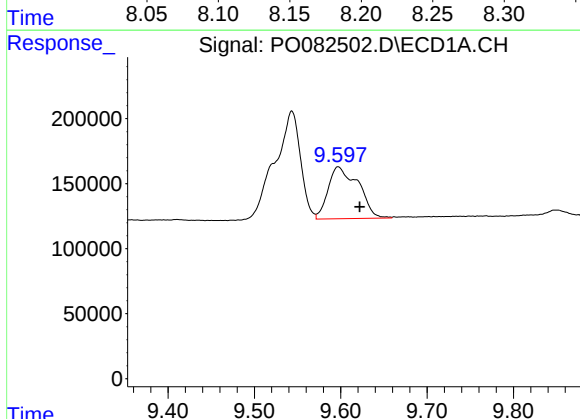
R.T.: 9.544 min
Delta R.T.: 0.020 min
Response: 1732213
Conc: 212.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



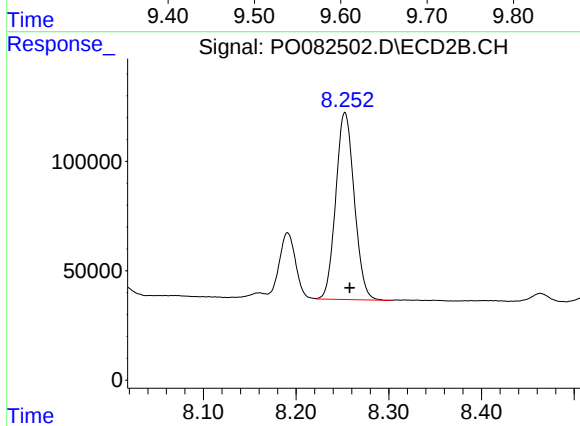
#41 AR-1268-1

R.T.: 8.191 min
Delta R.T.: -0.002 min
Response: 365565
Conc: 69.90 ng/ml



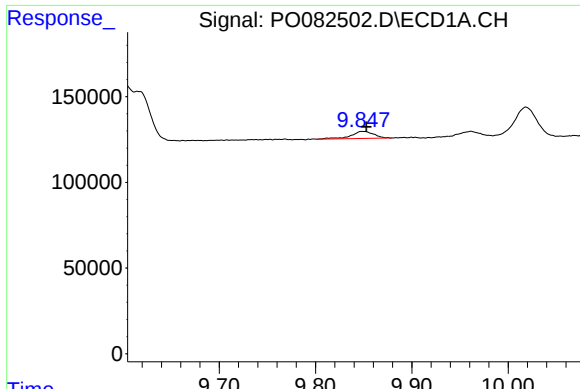
#42 AR-1268-2

R.T.: 9.597 min
Delta R.T.: -0.025 min
Response: 967137
Conc: 127.91 ng/ml



#42 AR-1268-2

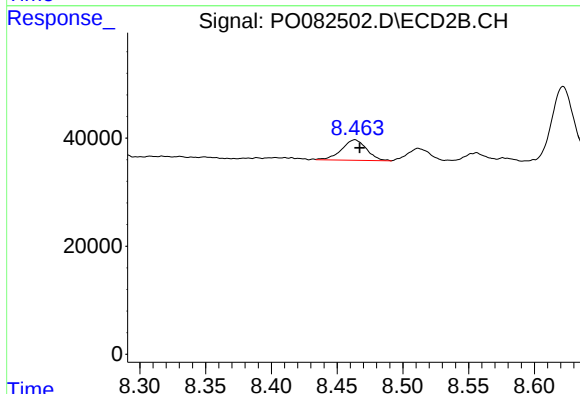
R.T.: 8.253 min
Delta R.T.: -0.005 min
Response: 1185181
Conc: 261.19 ng/ml



#43 AR-1268-3

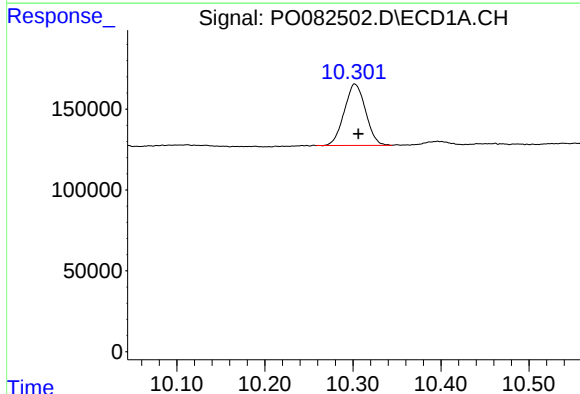
R.T.: 9.849 min
Delta R.T.: -0.004 min
Response: 67829
Conc: 10.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



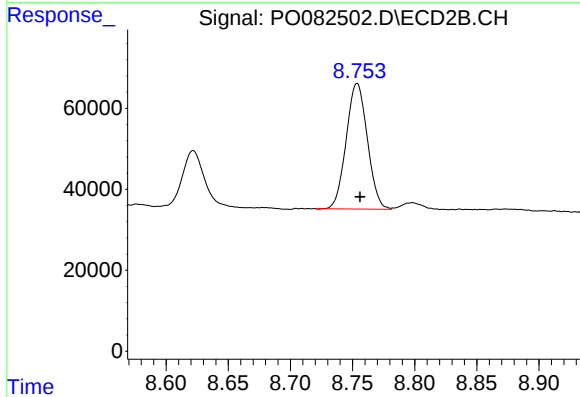
#43 AR-1268-3

R.T.: 8.464 min
Delta R.T.: -0.004 min
Response: 50693
Conc: 13.04 ng/ml



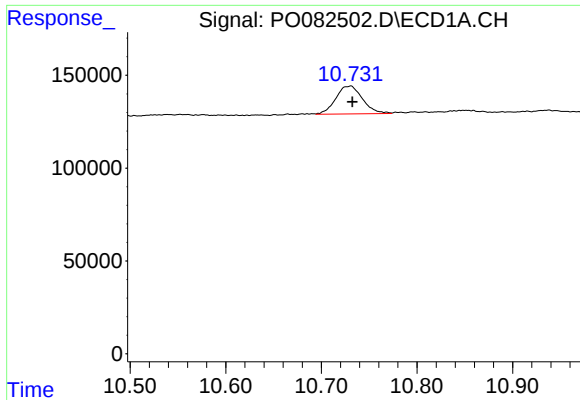
#44 AR-1268-4

R.T.: 10.302 min
Delta R.T.: -0.004 min
Response: 638892
Conc: 227.14 ng/ml



#44 AR-1268-4

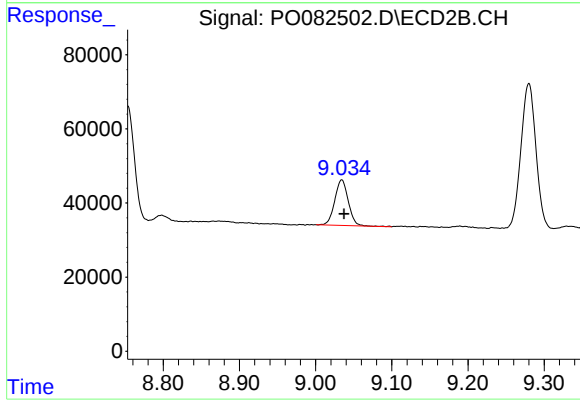
R.T.: 8.754 min
Delta R.T.: -0.002 min
Response: 367628
Conc: 231.39 ng/ml



#45 AR-1268-5

R.T.: 10.731 min
Delta R.T.: -0.002 min
Response: 293001
Conc: 13.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.034 min
Delta R.T.: -0.003 min
Response: 150727
Conc: 13.78 ng/ml