

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120221\
 Data File : PO083391.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Dec 2021 16:39
 Operator : AJ\MA
 Sample : M4891-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 02:22:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 20 02:49:51 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...	4.947	3.949	2129034	679140	24.260	22.280
2)	SA Decachlor...	11.038	9.256	1387480	588054	21.100	19.562
Target Compounds							
3)	L1 AR-1016-1	6.280	5.206	1483361	631667	511.405	479.570
4)	L1 AR-1016-2	6.304	5.226	2101090	862872	509.840	480.709
5)	L1 AR-1016-3	6.371	5.416	1279177	481981	509.774	493.828
6)	L1 AR-1016-4	6.479	5.469	1067945	395817	521.459	486.891
7)	L1 AR-1016-5	6.797	5.698	1059394	489694	522.816	482.673
8)	L2 AR-1221-1	5.202	4.205	329295	58336	347.496	156.985 #
9)	L2 AR-1221-2	5.302	4.305	182117	71301	270.863	253.205
10)	L2 AR-1221-3	5.389	4.394	827236	324065	384.832	358.325
11)	L3 AR-1232-1	5.389	4.394	827236	324065	464.696	422.754
12)	L3 AR-1232-2	5.983	5.226	1102538	862872	1215.819	1148.699
13)	L3 AR-1232-3	6.304	5.416	2101090	481981	1282.907	1216.875
14)	L3 AR-1232-4	6.479	5.514	1067945	464457	1334.007	1320.979
15)	L3 AR-1232-5	6.578	5.698	875572	489694	1558.294	1275.431
16)	L4 AR-1242-1	6.280	5.206	1483361	631667	693.521	649.932
17)	L4 AR-1242-2	6.304	5.226	2101090	862872	697.051	657.745
18)	L4 AR-1242-3	6.371	5.416	1279177	481981	685.028	665.310
19)	L4 AR-1242-4	6.479	5.514	1067945	464457	708.099	674.676
20)	L4 AR-1242-5	7.269	6.078	145419	398808	94.001	430.598 #
21)	L5 AR-1248-1	6.280	5.206	1483361	631667	952.379	886.300
22)	L5 AR-1248-2	6.578	5.469	875572	395817	412.087	390.746
23)	L5 AR-1248-3	6.797	5.514	1059394	464457	427.184	468.876
24)	L5 AR-1248-4	7.228	5.698	159921	489694	61.040	397.345 #
25)	L5 AR-1248-5	7.269	6.122	145419	60753	56.157	49.181
26)	L6 AR-1254-1	7.198	6.078	770415	398808	276.837	205.101 #
27)	L6 AR-1254-2	7.427	6.239	824660	378172	198.227	224.762
28)	L6 AR-1254-3	7.814	6.678f	405693	663219	94.456	259.422 #
29)	L6 AR-1254-4	8.109	6.900	261307	83927	84.479	46.005 #
30)	L6 AR-1254-5	8.542	7.330	2354639	1237873	734.484	531.979 #
31)	L7 AR-1260-1	7.981	6.797	1737300	893100	546.876	488.779
32)	L7 AR-1260-2	8.249	6.996	1960150	1148062	522.253	479.144
33)	L7 AR-1260-3	8.616	7.150	1237638	982695	432.598	479.121
34)	L7 AR-1260-4	8.849	7.634	1490745	726412	461.562	412.701
35)	L7 AR-1260-5	9.181	7.884	2855968	1883278	450.667	421.806
36)	L8 AR-1262-1	8.616	7.330	1237638	1237873	331.874	1016.020 #
37)	L8 AR-1262-2	9.181	7.884	2855968	1883278	443.834	416.865
38)	L8 AR-1262-3	9.520f	8.170	1892653	365346	622.234	195.223 #
39)	L8 AR-1262-4	9.573f	8.233	1051598	1224687	555.584	386.701 #
40)	L8 AR-1262-5	10.274	8.735	727710	384735	291.634	259.493
41)	L9 AR-1268-1	9.520f	8.170	1892653	365346	228.773	63.355 #

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 ALS Vial : 22 Sample Multiplier: 1

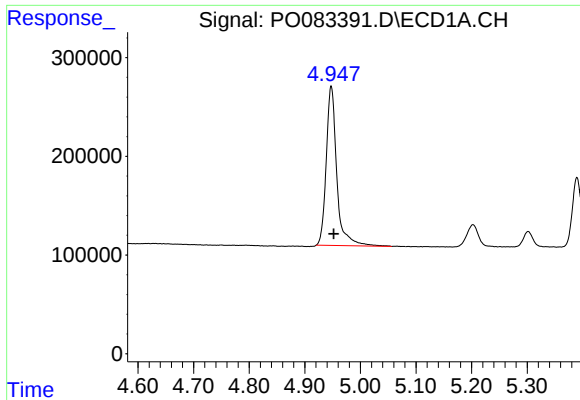
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 02:22:47 2021
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 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	9.573f	8.233	1051598	1224687	136.719	254.985 #
43) L9	AR-1268-3	9.824	8.443	57972	30480	8.840	7.394
44) L9	AR-1268-4	10.274	8.735	727710	384735	254.844	226.969
45) L9	AR-1268-5	10.697	9.013	264524	108287	11.797	9.212

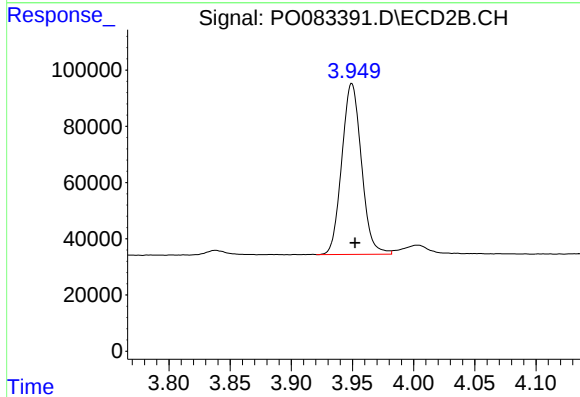
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

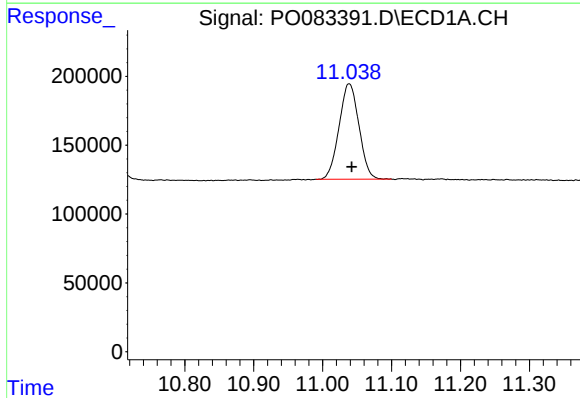
R.T.: 4.947 min
Delta R.T.: -0.005 min
Response: 2129034
Conc: 24.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



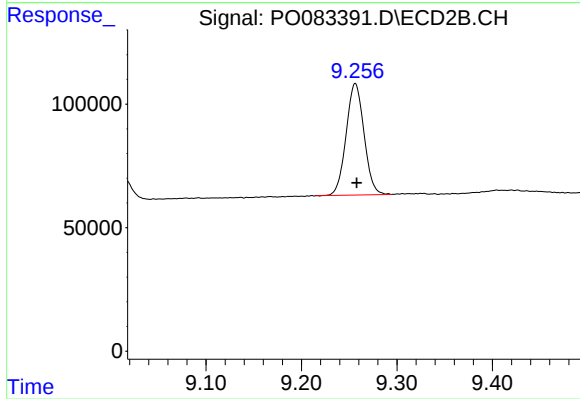
#1 Tetrachloro-m-xylene

R.T.: 3.949 min
Delta R.T.: -0.003 min
Response: 679140
Conc: 22.28 ng/ml



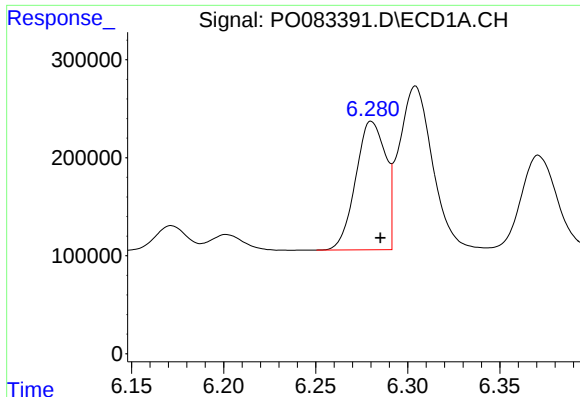
#2 Decachlorobiphenyl

R.T.: 11.038 min
Delta R.T.: -0.004 min
Response: 1387480
Conc: 21.10 ng/ml



#2 Decachlorobiphenyl

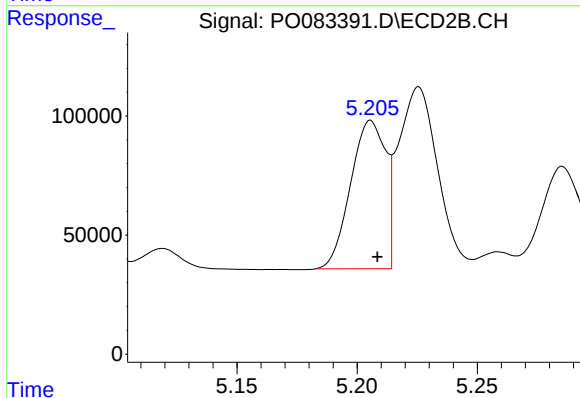
R.T.: 9.256 min
Delta R.T.: -0.001 min
Response: 588054
Conc: 19.56 ng/ml



#3 AR-1016-1

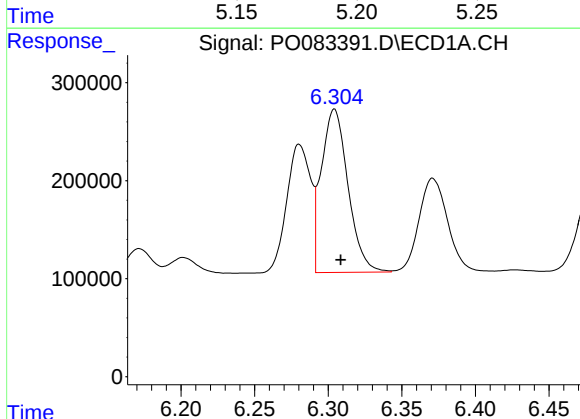
R.T.: 6.280 min
Delta R.T.: -0.005 min
Response: 1483361
Conc: 511.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



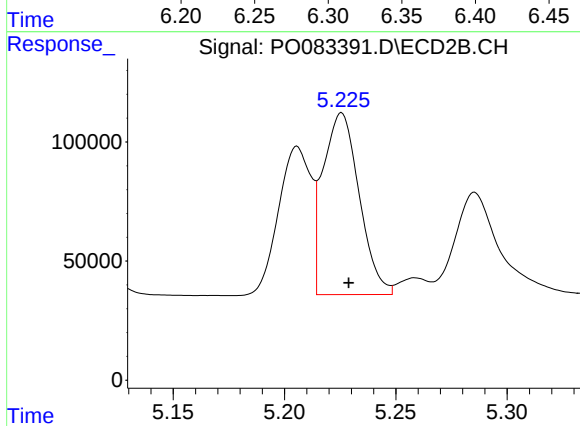
#3 AR-1016-1

R.T.: 5.206 min
Delta R.T.: -0.003 min
Response: 631667
Conc: 479.57 ng/ml



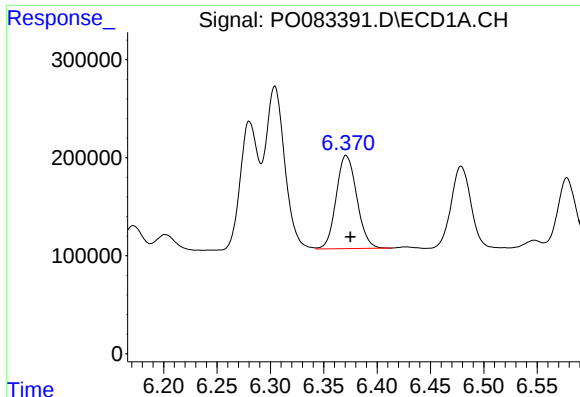
#4 AR-1016-2

R.T.: 6.304 min
Delta R.T.: -0.004 min
Response: 2101090
Conc: 509.84 ng/ml



#4 AR-1016-2

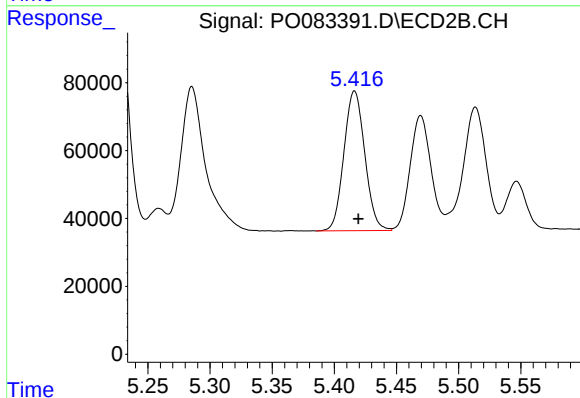
R.T.: 5.226 min
Delta R.T.: -0.003 min
Response: 862872
Conc: 480.71 ng/ml



#5 AR-1016-3

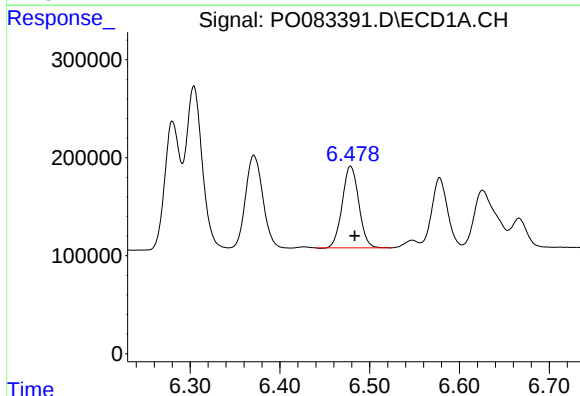
R.T.: 6.371 min
Delta R.T.: -0.004 min
Response: 1279177
Conc: 509.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



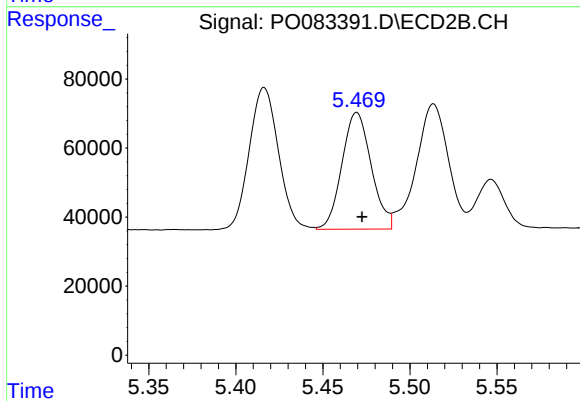
#5 AR-1016-3

R.T.: 5.416 min
Delta R.T.: -0.003 min
Response: 481981
Conc: 493.83 ng/ml



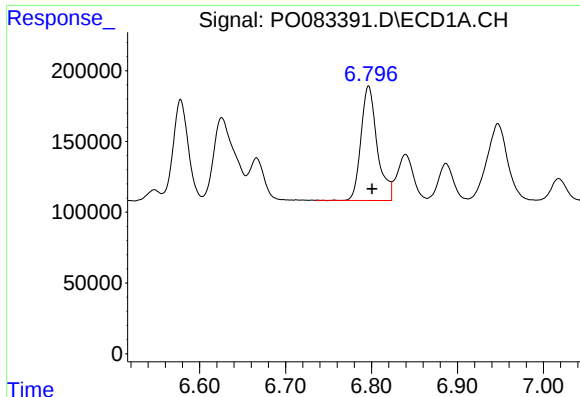
#6 AR-1016-4

R.T.: 6.479 min
Delta R.T.: -0.005 min
Response: 1067945
Conc: 521.46 ng/ml



#6 AR-1016-4

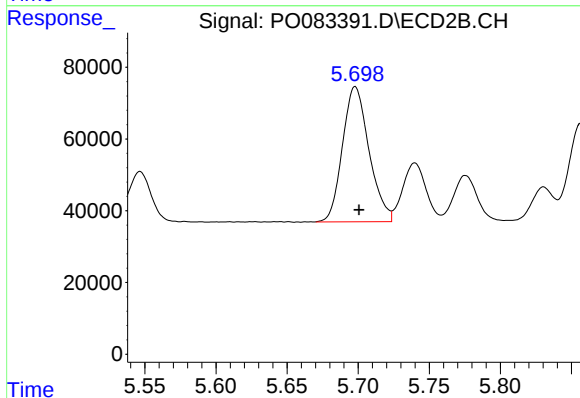
R.T.: 5.469 min
Delta R.T.: -0.003 min
Response: 395817
Conc: 486.89 ng/ml



#7 AR-1016-5

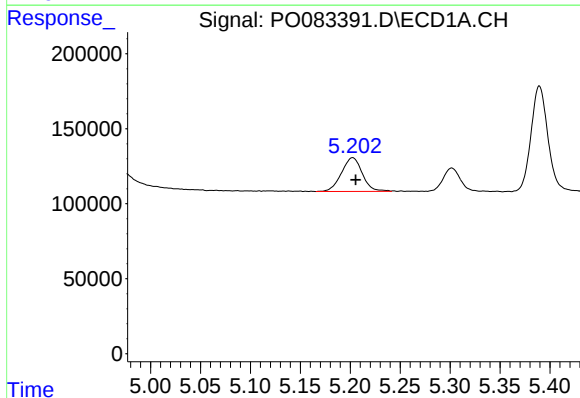
R.T.: 6.797 min
Delta R.T.: -0.004 min
Response: 1059394
Conc: 522.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



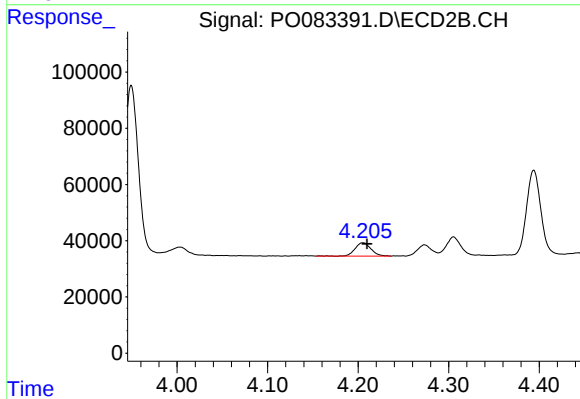
#7 AR-1016-5

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 489694
Conc: 482.67 ng/ml



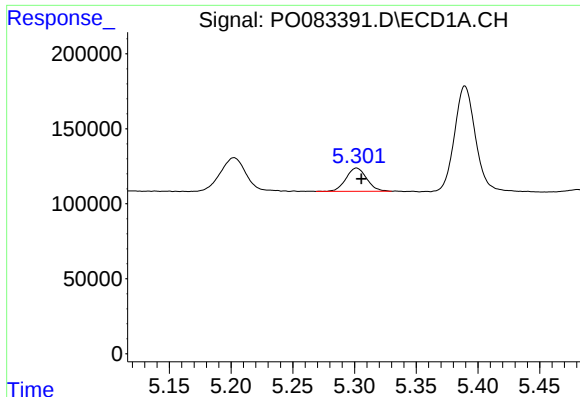
#8 AR-1221-1

R.T.: 5.202 min
Delta R.T.: -0.003 min
Response: 329295
Conc: 347.50 ng/ml



#8 AR-1221-1

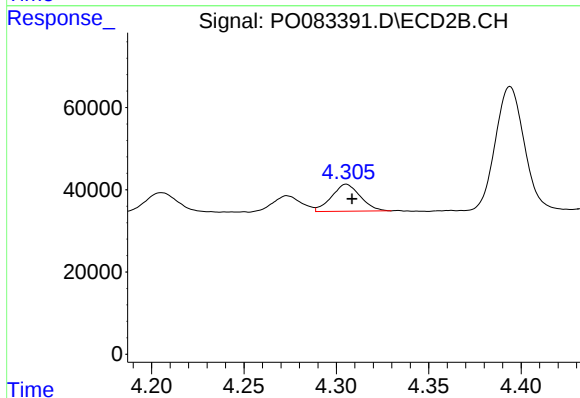
R.T.: 4.205 min
Delta R.T.: -0.005 min
Response: 58336
Conc: 156.98 ng/ml



#9 AR-1221-2

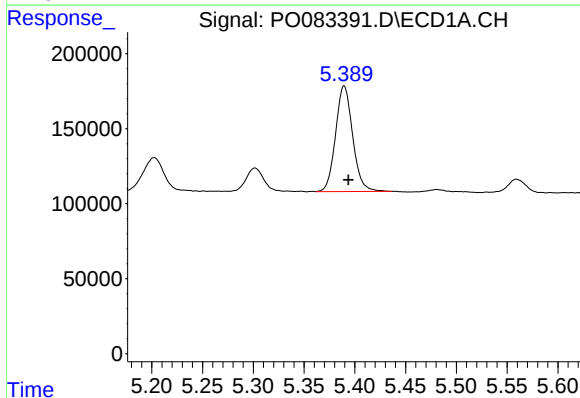
R.T.: 5.302 min
Delta R.T.: -0.004 min
Response: 182117
Conc: 270.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



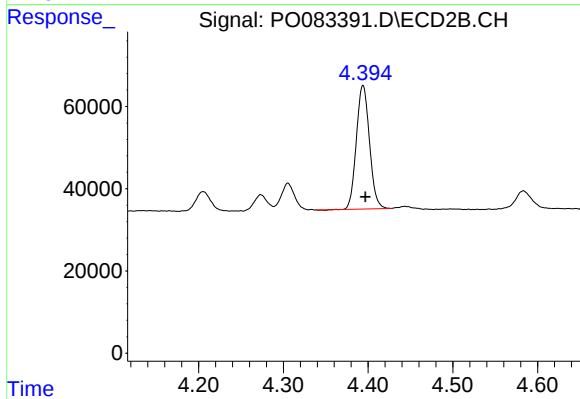
#9 AR-1221-2

R.T.: 4.305 min
Delta R.T.: -0.003 min
Response: 71301
Conc: 253.21 ng/ml



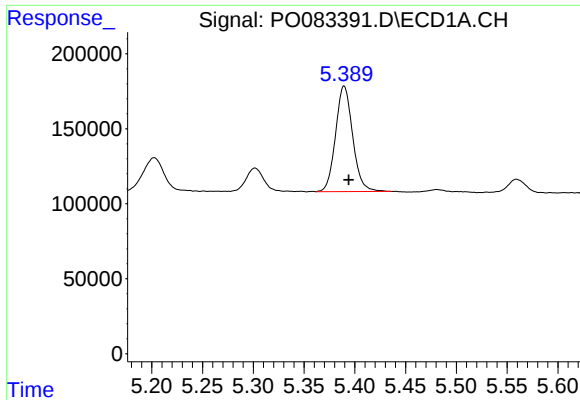
#10 AR-1221-3

R.T.: 5.389 min
Delta R.T.: -0.004 min
Response: 827236
Conc: 384.83 ng/ml



#10 AR-1221-3

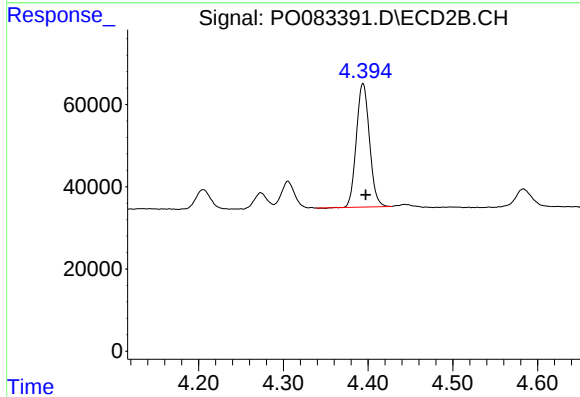
R.T.: 4.394 min
Delta R.T.: -0.003 min
Response: 324065
Conc: 358.33 ng/ml



#11 AR-1232-1

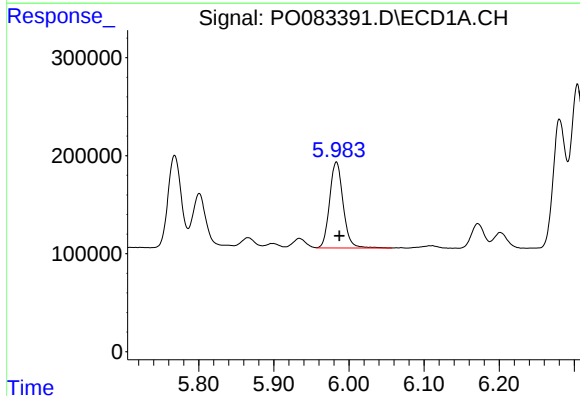
R.T.: 5.389 min
Delta R.T.: -0.005 min
Response: 827236
Conc: 464.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



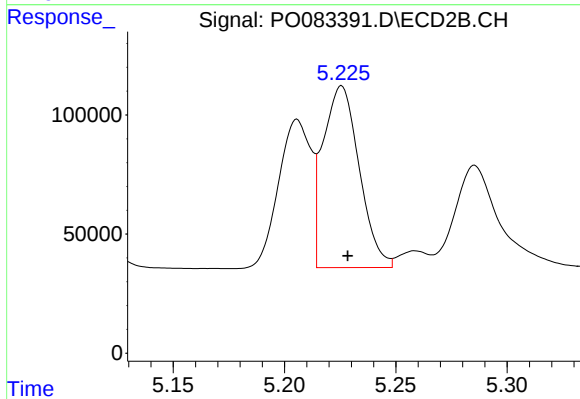
#11 AR-1232-1

R.T.: 4.394 min
Delta R.T.: -0.003 min
Response: 324065
Conc: 422.75 ng/ml



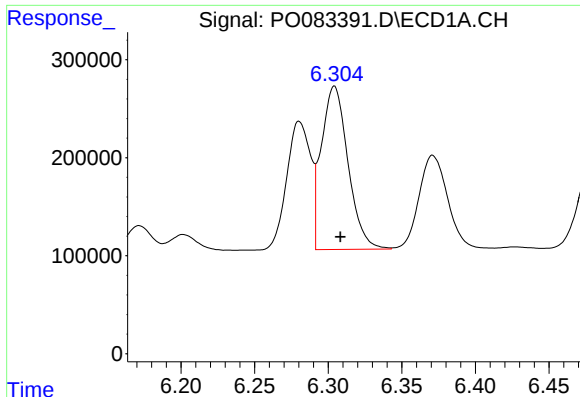
#12 AR-1232-2

R.T.: 5.983 min
Delta R.T.: -0.004 min
Response: 1102538
Conc: 1215.82 ng/ml



#12 AR-1232-2

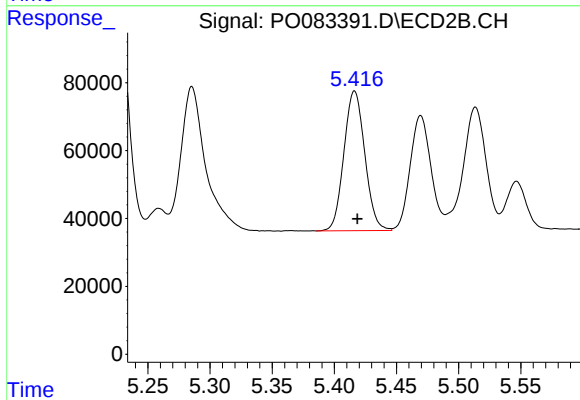
R.T.: 5.226 min
Delta R.T.: -0.003 min
Response: 862872
Conc: 1148.70 ng/ml



#13 AR-1232-3

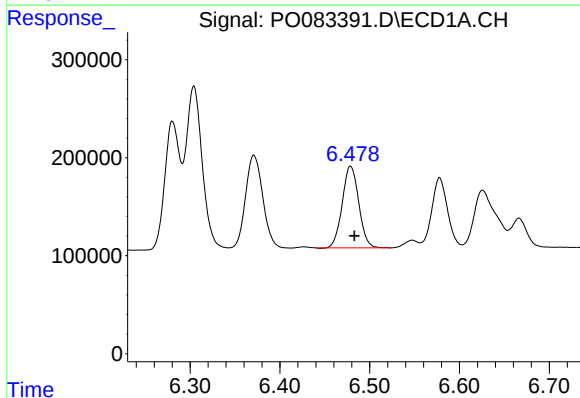
R.T.: 6.304 min
Delta R.T.: -0.004 min
Response: 2101090
Conc: 1282.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



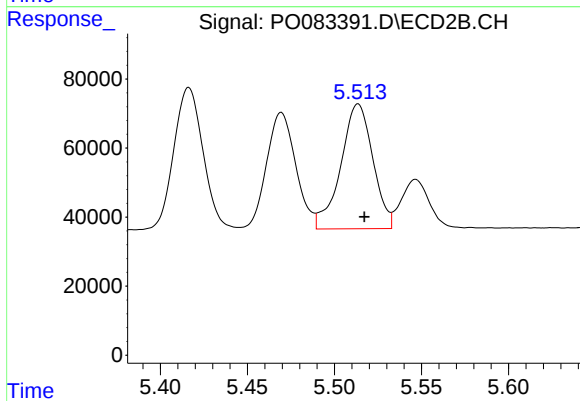
#13 AR-1232-3

R.T.: 5.416 min
Delta R.T.: -0.002 min
Response: 481981
Conc: 1216.87 ng/ml



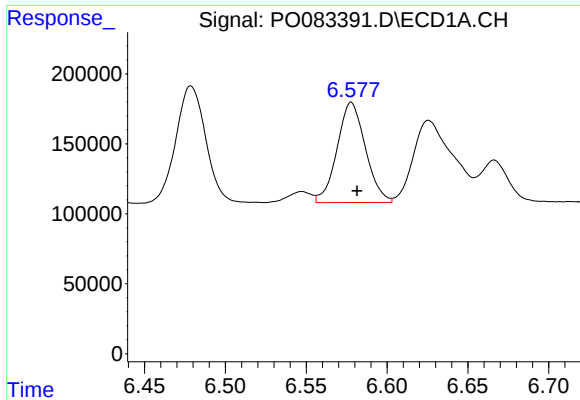
#14 AR-1232-4

R.T.: 6.479 min
Delta R.T.: -0.004 min
Response: 1067945
Conc: 1334.01 ng/ml



#14 AR-1232-4

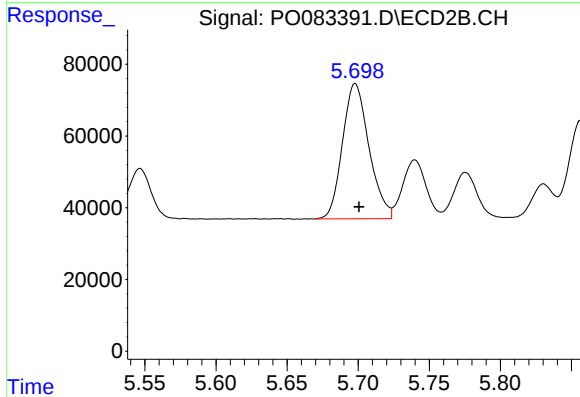
R.T.: 5.514 min
Delta R.T.: -0.004 min
Response: 464457
Conc: 1320.98 ng/ml



#15 AR-1232-5

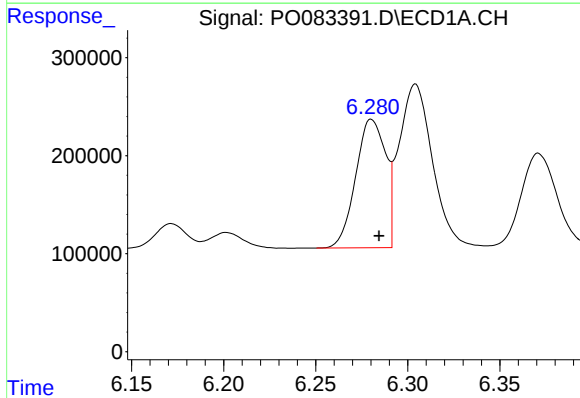
R.T.: 6.578 min
Delta R.T.: -0.003 min
Response: 875572
Conc: 1558.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



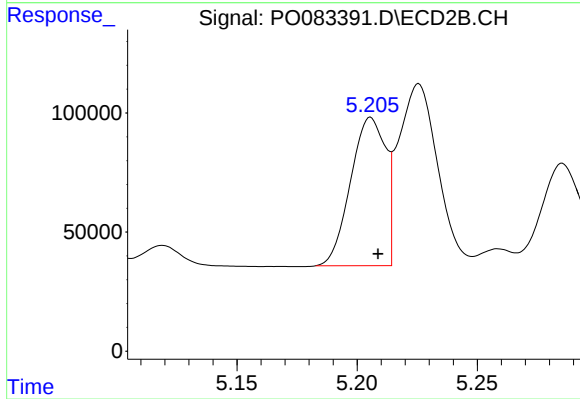
#15 AR-1232-5

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 489694
Conc: 1275.43 ng/ml



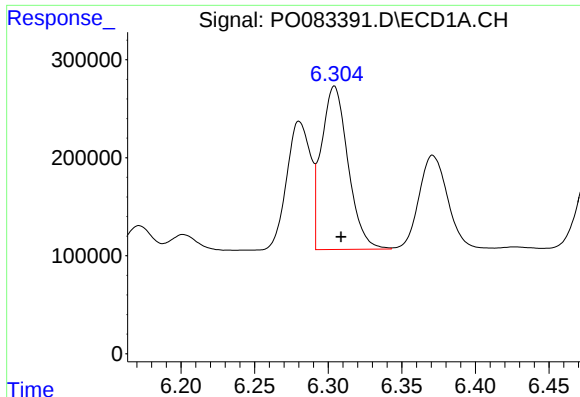
#16 AR-1242-1

R.T.: 6.280 min
Delta R.T.: -0.004 min
Response: 1483361
Conc: 693.52 ng/ml



#16 AR-1242-1

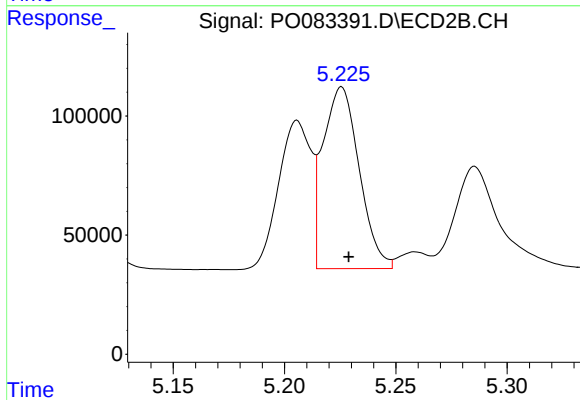
R.T.: 5.206 min
Delta R.T.: -0.003 min
Response: 631667
Conc: 649.93 ng/ml



#17 AR-1242-2

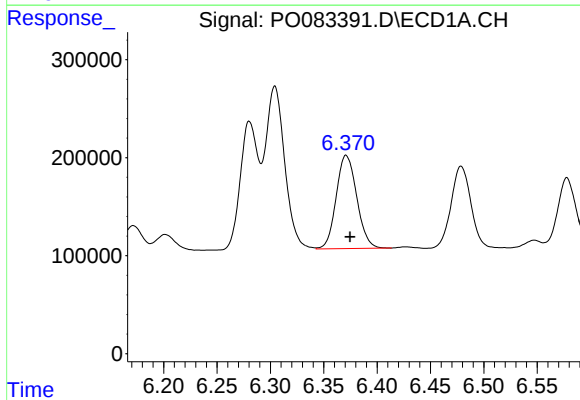
R.T.: 6.304 min
Delta R.T.: -0.004 min
Response: 2101090
Conc: 697.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



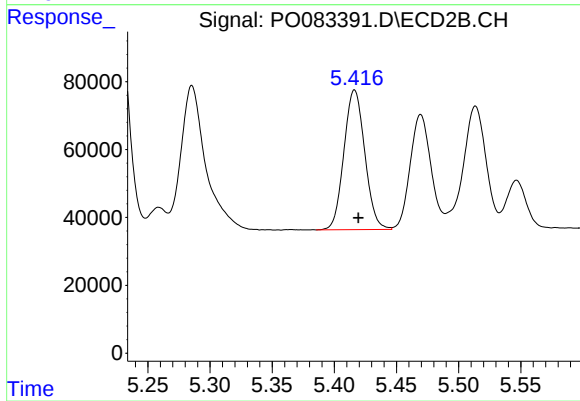
#17 AR-1242-2

R.T.: 5.226 min
Delta R.T.: -0.003 min
Response: 862872
Conc: 657.74 ng/ml



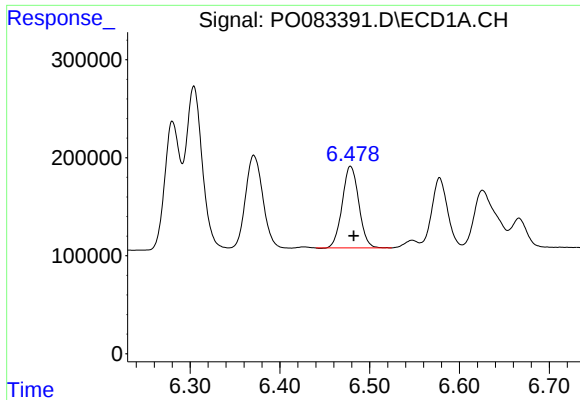
#18 AR-1242-3

R.T.: 6.371 min
Delta R.T.: -0.004 min
Response: 1279177
Conc: 685.03 ng/ml



#18 AR-1242-3

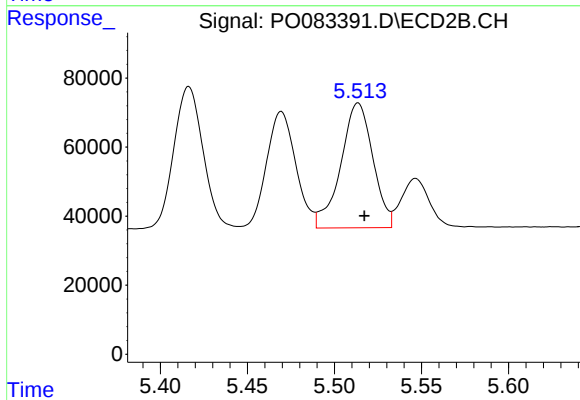
R.T.: 5.416 min
Delta R.T.: -0.003 min
Response: 481981
Conc: 665.31 ng/ml



#19 AR-1242-4

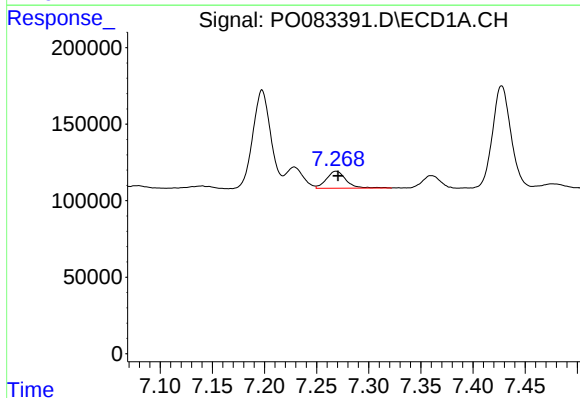
R.T.: 6.479 min
Delta R.T.: -0.004 min
Response: 1067945
Conc: 708.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



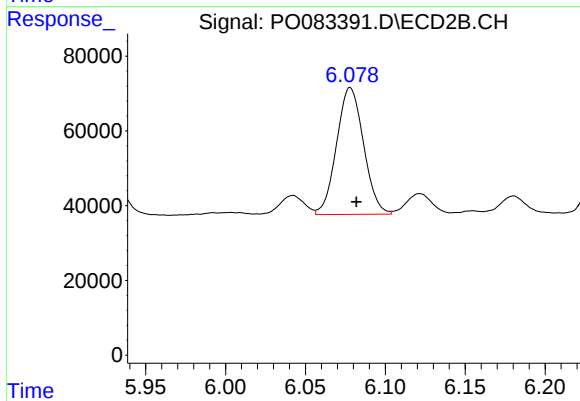
#19 AR-1242-4

R.T.: 5.514 min
Delta R.T.: -0.004 min
Response: 464457
Conc: 674.68 ng/ml



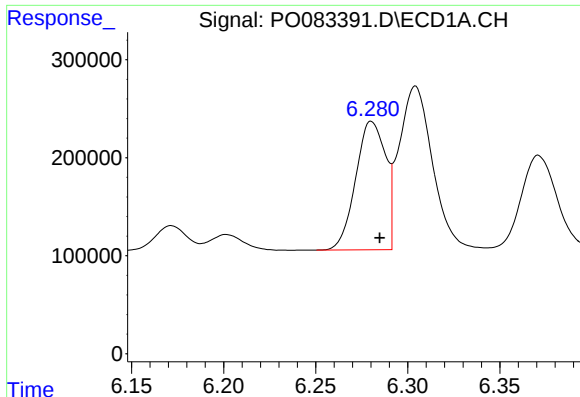
#20 AR-1242-5

R.T.: 7.269 min
Delta R.T.: -0.002 min
Response: 145419
Conc: 94.00 ng/ml



#20 AR-1242-5

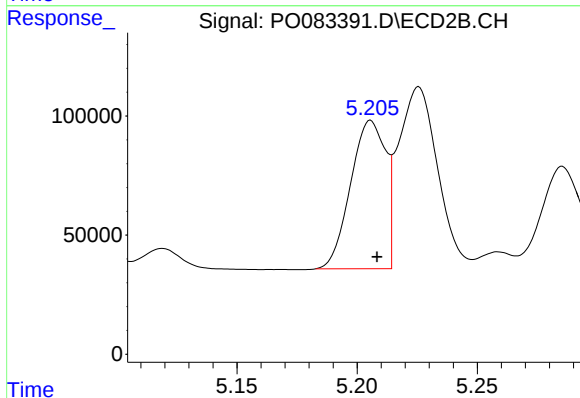
R.T.: 6.078 min
Delta R.T.: -0.004 min
Response: 398808
Conc: 430.60 ng/ml



#21 AR-1248-1

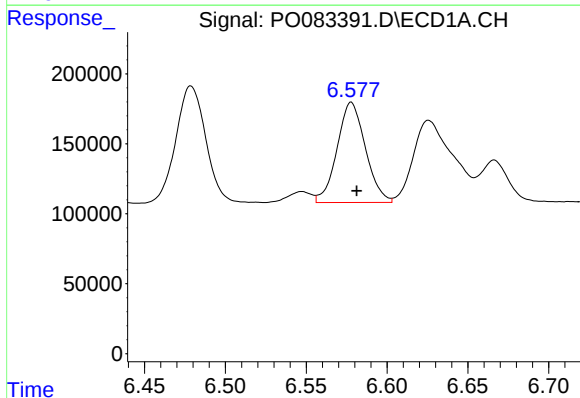
R.T.: 6.280 min
Delta R.T.: -0.005 min
Response: 1483361
Conc: 952.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



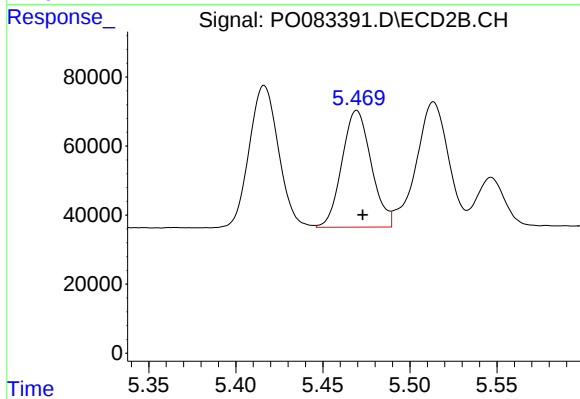
#21 AR-1248-1

R.T.: 5.206 min
Delta R.T.: -0.003 min
Response: 631667
Conc: 886.30 ng/ml



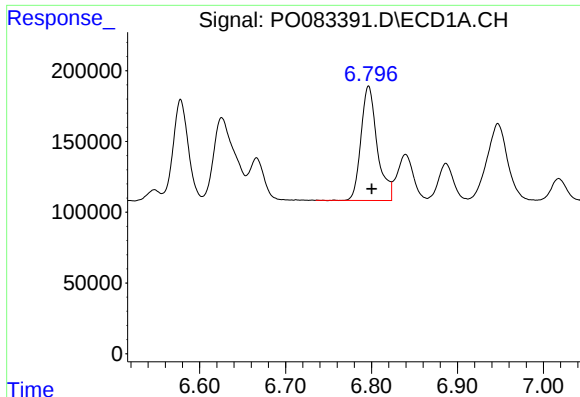
#22 AR-1248-2

R.T.: 6.578 min
Delta R.T.: -0.003 min
Response: 875572
Conc: 412.09 ng/ml



#22 AR-1248-2

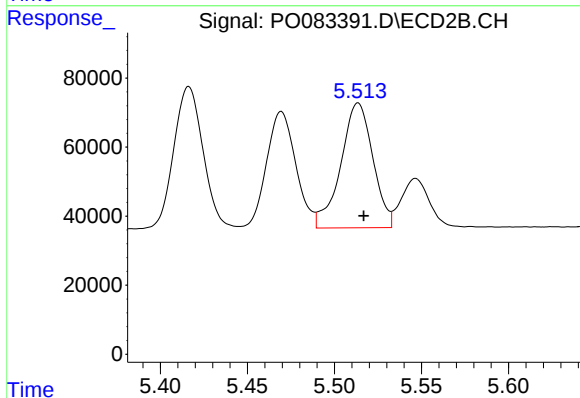
R.T.: 5.469 min
Delta R.T.: -0.003 min
Response: 395817
Conc: 390.75 ng/ml



#23 AR-1248-3

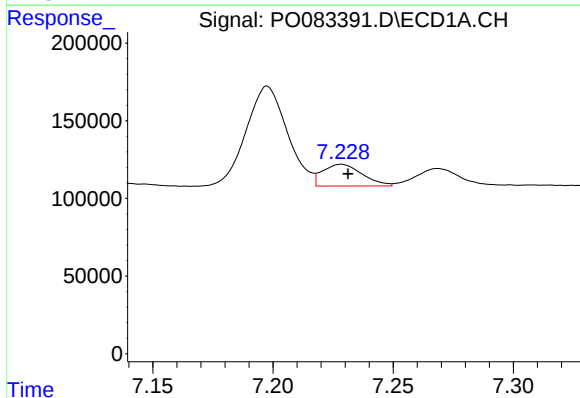
R.T.: 6.797 min
Delta R.T.: -0.004 min
Response: 1059394
Conc: 427.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



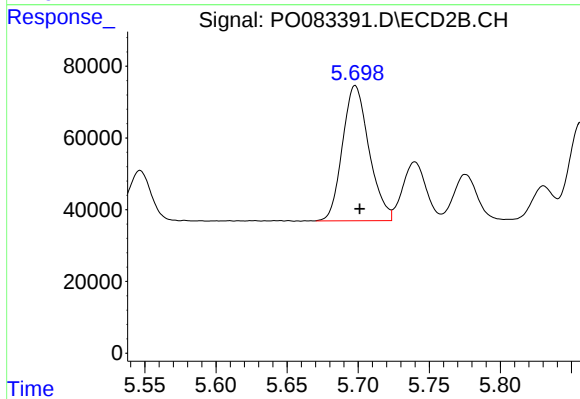
#23 AR-1248-3

R.T.: 5.514 min
Delta R.T.: -0.003 min
Response: 464457
Conc: 468.88 ng/ml



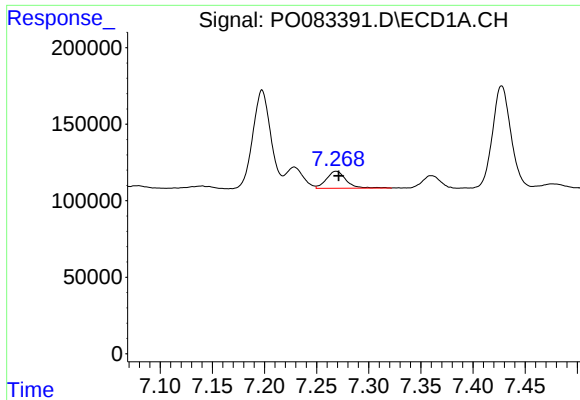
#24 AR-1248-4

R.T.: 7.228 min
Delta R.T.: -0.003 min
Response: 159921
Conc: 61.04 ng/ml



#24 AR-1248-4

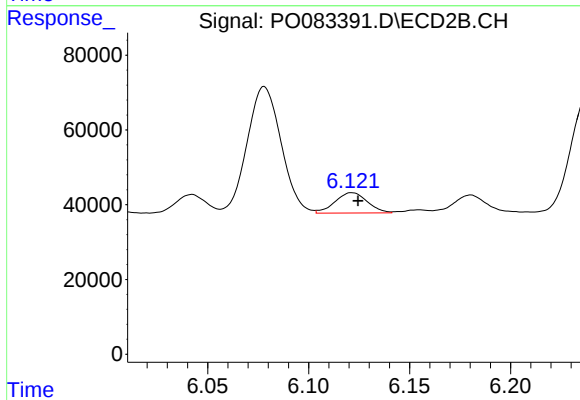
R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 489694
Conc: 397.34 ng/ml



#25 AR-1248-5

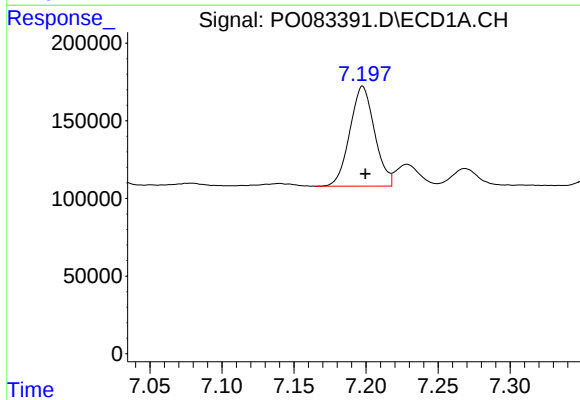
R.T.: 7.269 min
Delta R.T.: -0.003 min
Response: 145419
Conc: 56.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



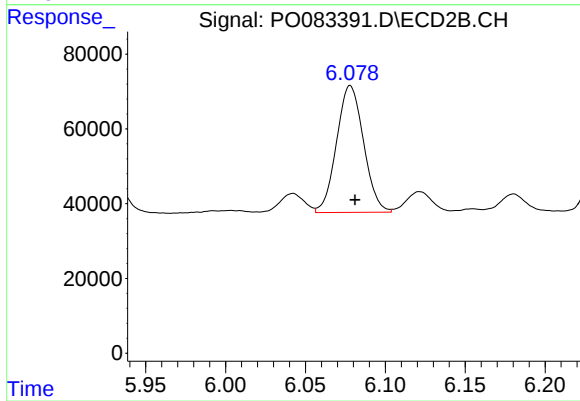
#25 AR-1248-5

R.T.: 6.122 min
Delta R.T.: -0.003 min
Response: 60753
Conc: 49.18 ng/ml



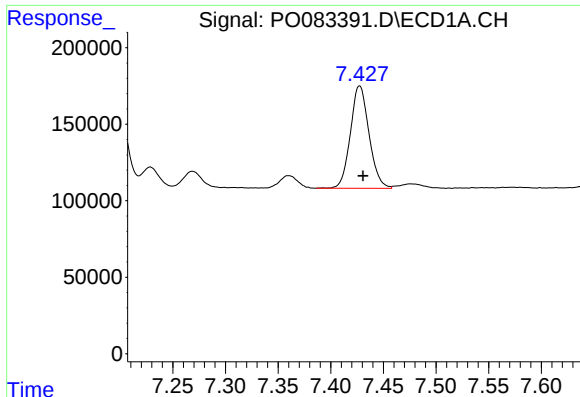
#26 AR-1254-1

R.T.: 7.198 min
Delta R.T.: -0.002 min
Response: 770415
Conc: 276.84 ng/ml



#26 AR-1254-1

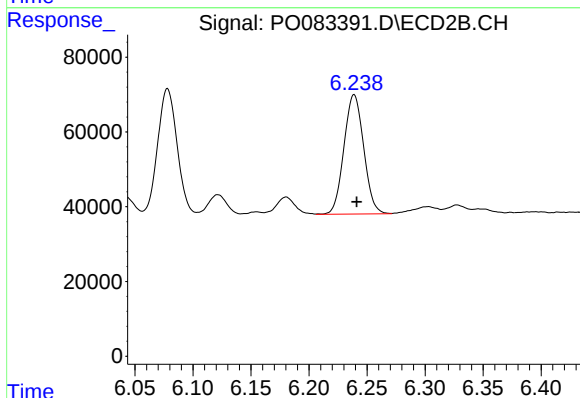
R.T.: 6.078 min
Delta R.T.: -0.003 min
Response: 398808
Conc: 205.10 ng/ml



#27 AR-1254-2

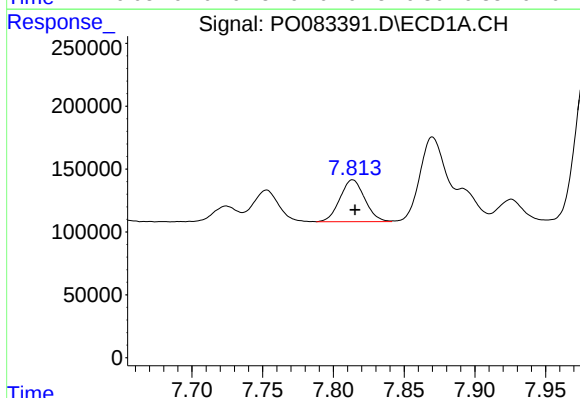
R.T.: 7.427 min
Delta R.T.: -0.003 min
Response: 824660
Conc: 198.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



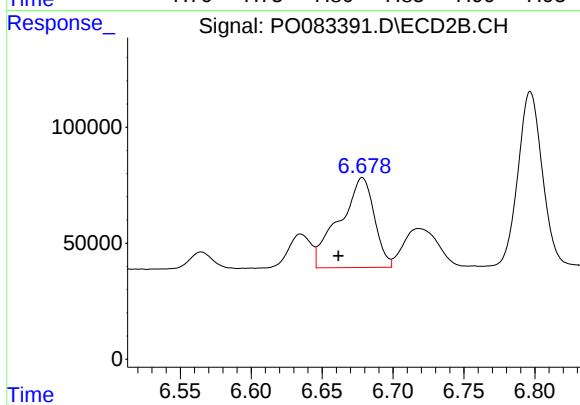
#27 AR-1254-2

R.T.: 6.239 min
Delta R.T.: -0.002 min
Response: 378172
Conc: 224.76 ng/ml



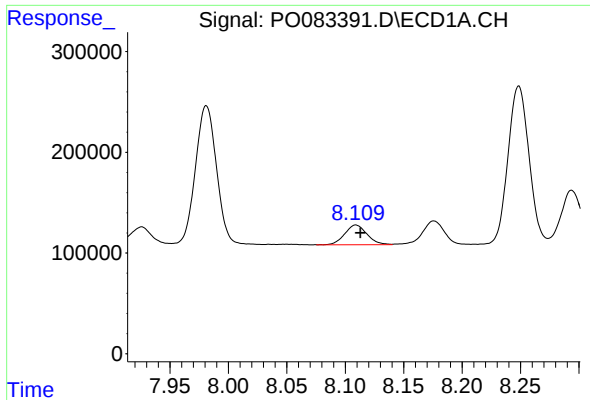
#28 AR-1254-3

R.T.: 7.814 min
Delta R.T.: -0.002 min
Response: 405693
Conc: 94.46 ng/ml



#28 AR-1254-3

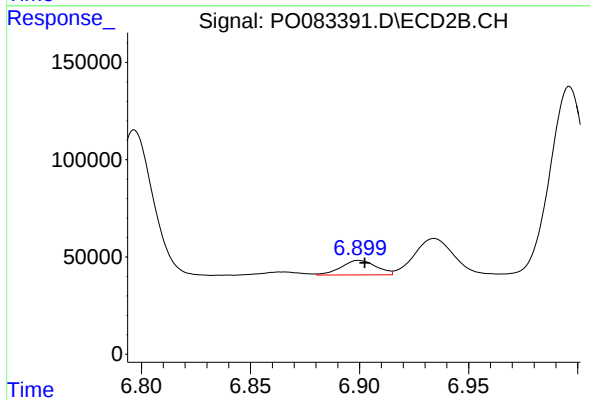
R.T.: 6.678 min
Delta R.T.: 0.017 min
Response: 663219
Conc: 259.42 ng/ml



#29 AR-1254-4

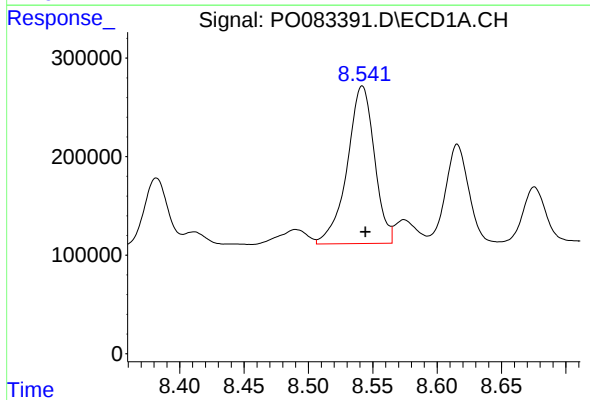
R.T.: 8.109 min
Delta R.T.: -0.004 min
Response: 261307
Conc: 84.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



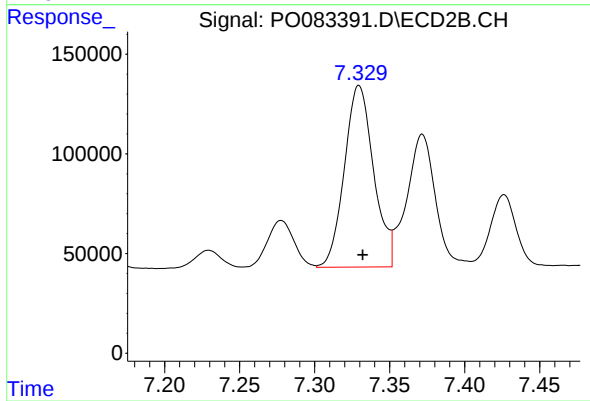
#29 AR-1254-4

R.T.: 6.900 min
Delta R.T.: -0.003 min
Response: 83927
Conc: 46.01 ng/ml



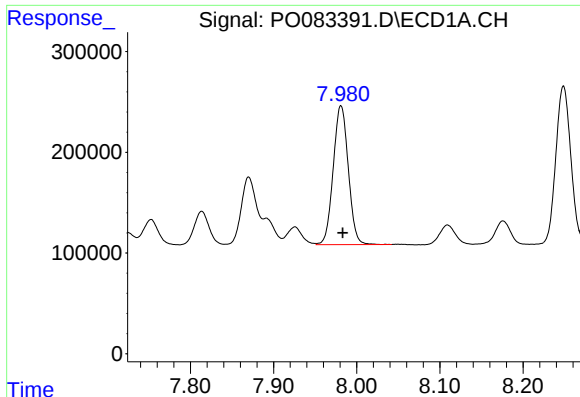
#30 AR-1254-5

R.T.: 8.542 min
Delta R.T.: -0.002 min
Response: 2354639
Conc: 734.48 ng/ml



#30 AR-1254-5

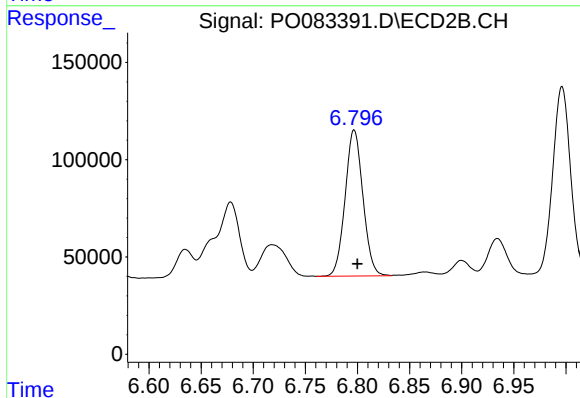
R.T.: 7.330 min
Delta R.T.: -0.002 min
Response: 1237873
Conc: 531.98 ng/ml



#31 AR-1260-1

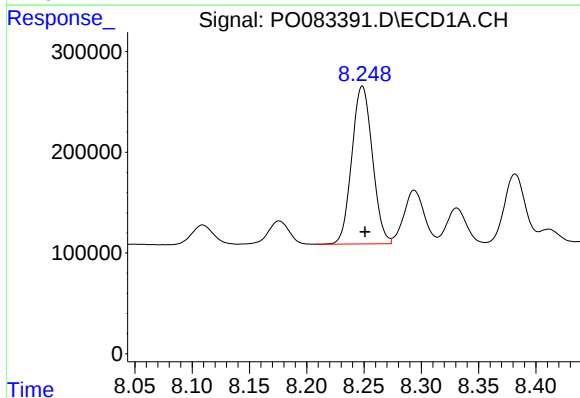
R.T.: 7.981 min
Delta R.T.: -0.002 min
Response: 1737300
Conc: 546.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



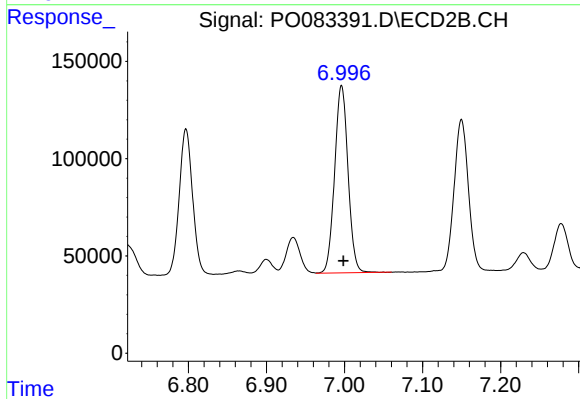
#31 AR-1260-1

R.T.: 6.797 min
Delta R.T.: -0.003 min
Response: 893100
Conc: 488.78 ng/ml



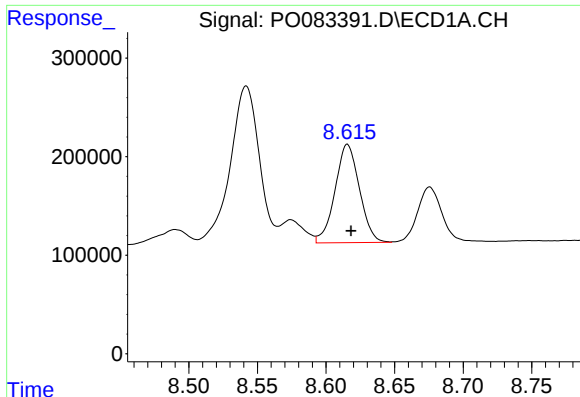
#32 AR-1260-2

R.T.: 8.249 min
Delta R.T.: -0.002 min
Response: 1960150
Conc: 522.25 ng/ml



#32 AR-1260-2

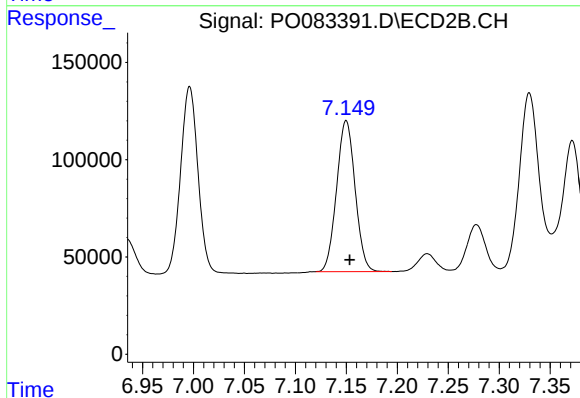
R.T.: 6.996 min
Delta R.T.: -0.002 min
Response: 1148062
Conc: 479.14 ng/ml



#33 AR-1260-3

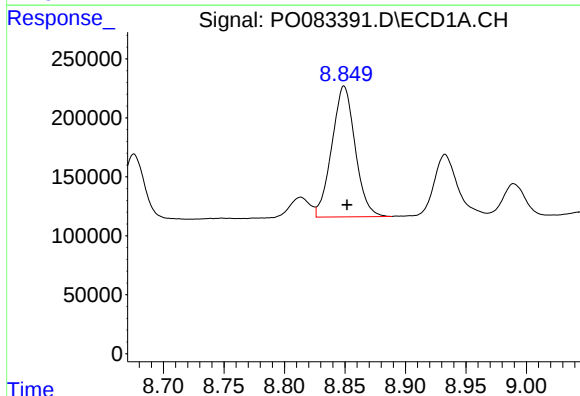
R.T.: 8.616 min
Delta R.T.: -0.003 min
Response: 1237638
Conc: 432.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



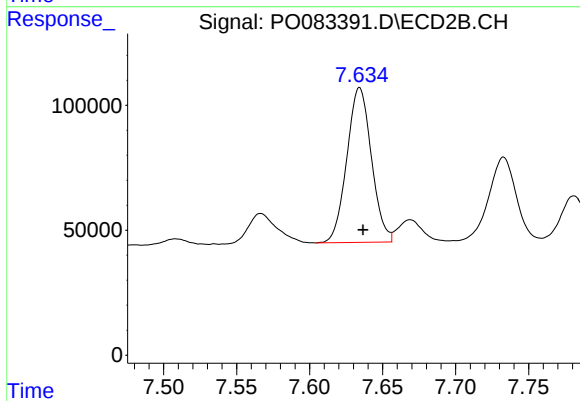
#33 AR-1260-3

R.T.: 7.150 min
Delta R.T.: -0.003 min
Response: 982695
Conc: 479.12 ng/ml



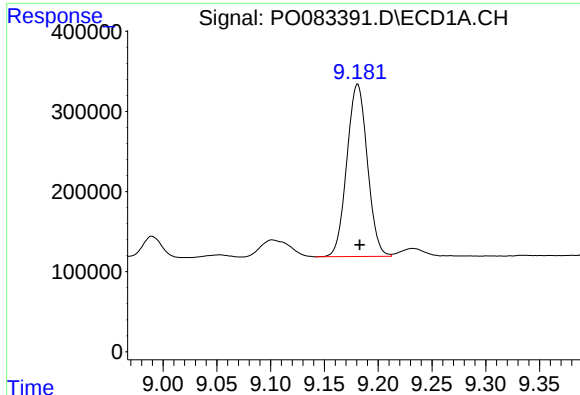
#34 AR-1260-4

R.T.: 8.849 min
Delta R.T.: -0.003 min
Response: 1490745
Conc: 461.56 ng/ml



#34 AR-1260-4

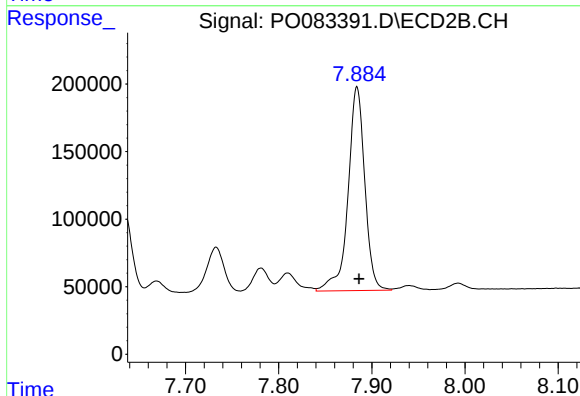
R.T.: 7.634 min
Delta R.T.: -0.002 min
Response: 726412
Conc: 412.70 ng/ml



#35 AR-1260-5

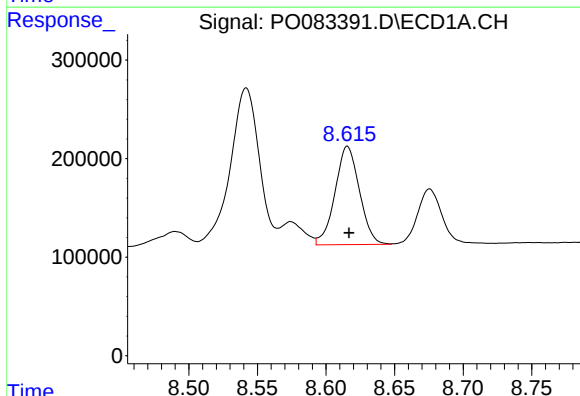
R.T.: 9.181 min
Delta R.T.: -0.002 min
Response: 2855968
Conc: 450.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



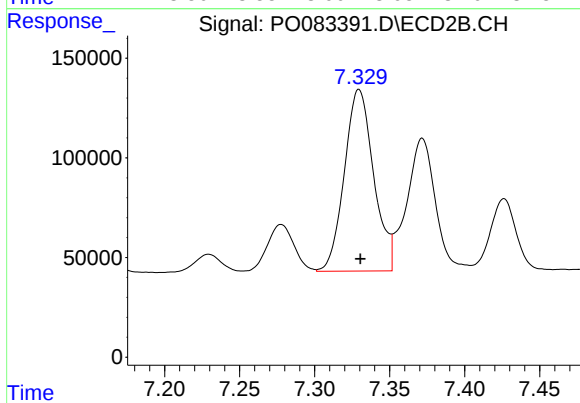
#35 AR-1260-5

R.T.: 7.884 min
Delta R.T.: -0.002 min
Response: 1883278
Conc: 421.81 ng/ml



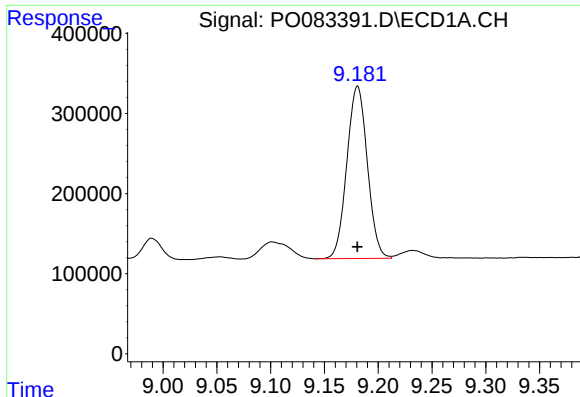
#36 AR-1262-1

R.T.: 8.616 min
Delta R.T.: -0.001 min
Response: 1237638
Conc: 331.87 ng/ml



#36 AR-1262-1

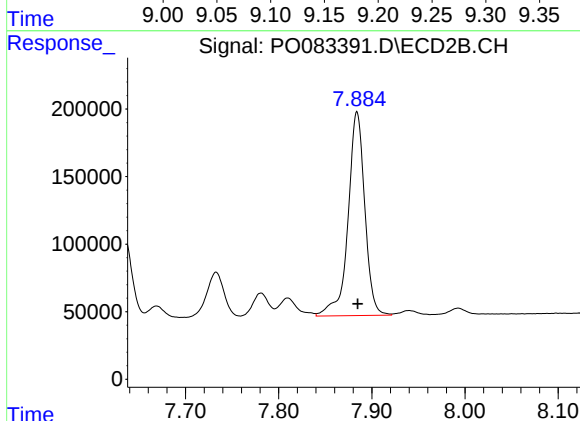
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 1237873
Conc: 1016.02 ng/ml



#37 AR-1262-2

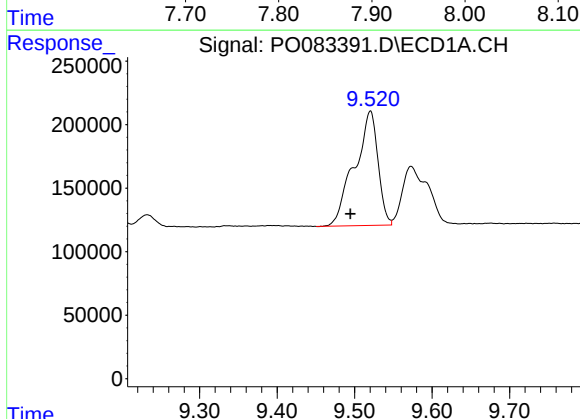
R.T.: 9.181 min
Delta R.T.: 0.000 min
Response: 2855968
Conc: 443.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



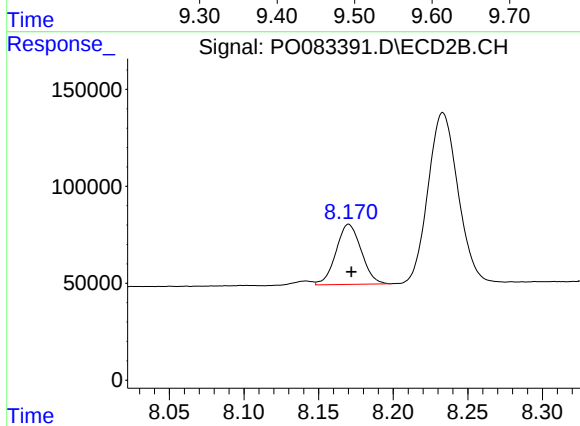
#37 AR-1262-2

R.T.: 7.884 min
Delta R.T.: 0.000 min
Response: 1883278
Conc: 416.86 ng/ml



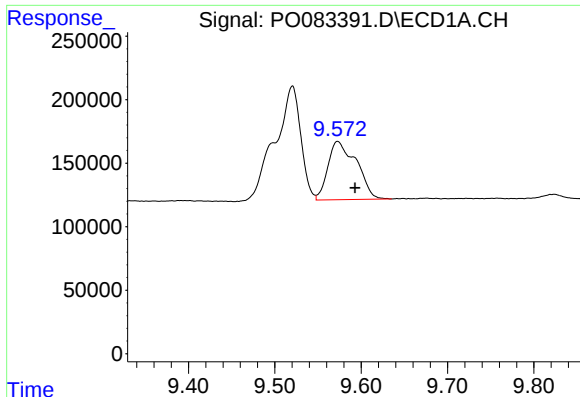
#38 AR-1262-3

R.T.: 9.520 min
Delta R.T.: 0.026 min
Response: 1892653
Conc: 622.23 ng/ml



#38 AR-1262-3

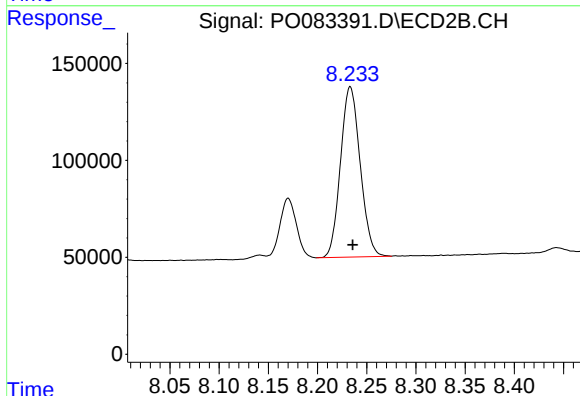
R.T.: 8.170 min
Delta R.T.: -0.002 min
Response: 365346
Conc: 195.22 ng/ml



#39 AR-1262-4

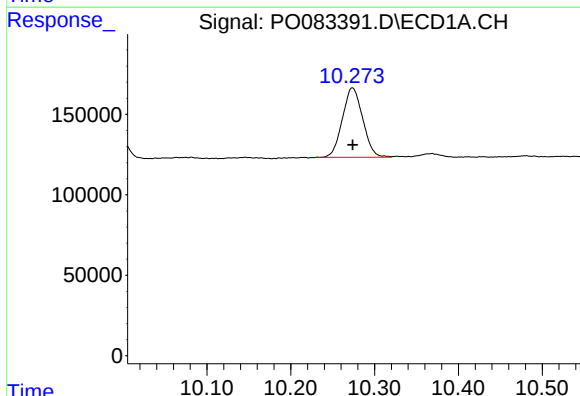
R.T.: 9.573 min
Delta R.T.: -0.020 min
Response: 1051598
Conc: 555.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



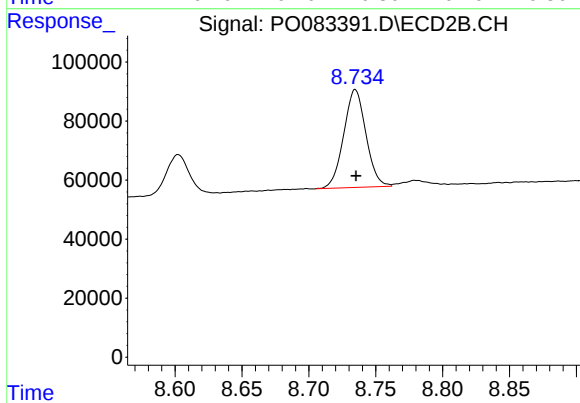
#39 AR-1262-4

R.T.: 8.233 min
Delta R.T.: -0.003 min
Response: 1224687
Conc: 386.70 ng/ml



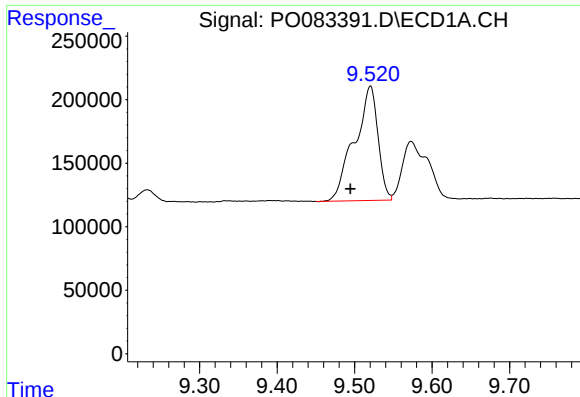
#40 AR-1262-5

R.T.: 10.274 min
Delta R.T.: 0.000 min
Response: 727710
Conc: 291.63 ng/ml



#40 AR-1262-5

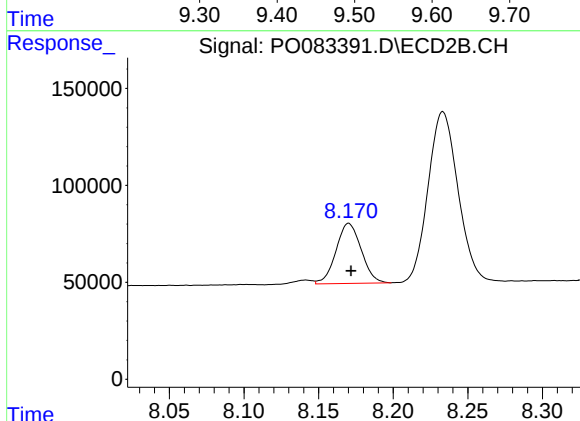
R.T.: 8.735 min
Delta R.T.: 0.000 min
Response: 384735
Conc: 259.49 ng/ml



#41 AR-1268-1

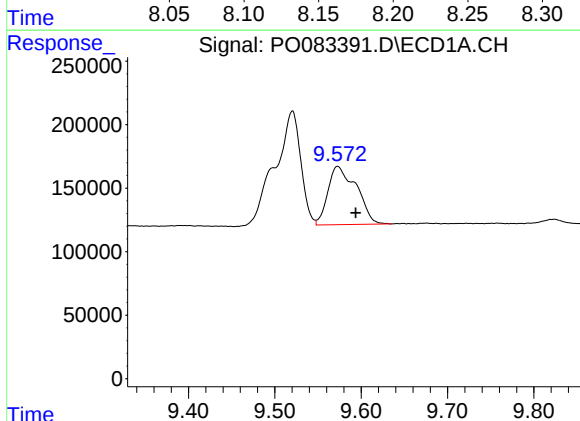
R.T.: 9.520 min
Delta R.T.: 0.026 min
Response: 1892653
Conc: 228.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



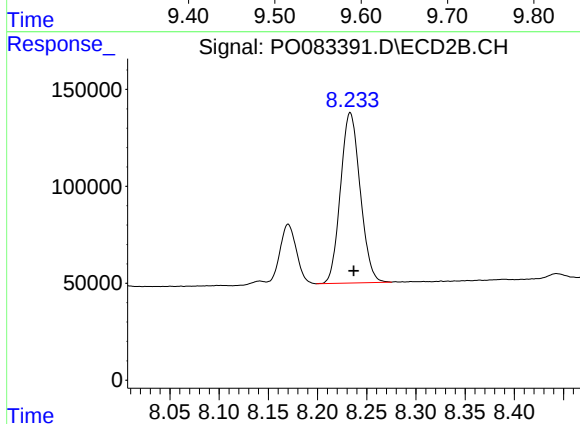
#41 AR-1268-1

R.T.: 8.170 min
Delta R.T.: -0.002 min
Response: 365346
Conc: 63.35 ng/ml



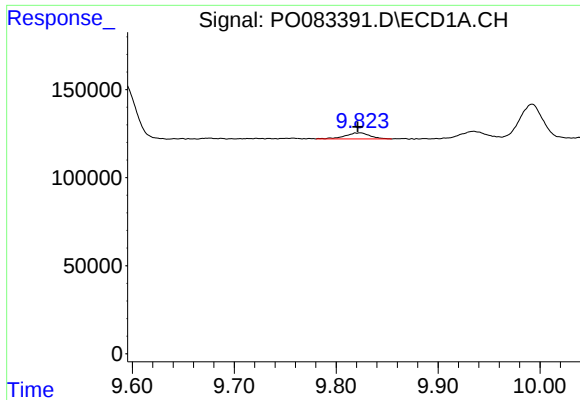
#42 AR-1268-2

R.T.: 9.573 min
Delta R.T.: -0.021 min
Response: 1051598
Conc: 136.72 ng/ml



#42 AR-1268-2

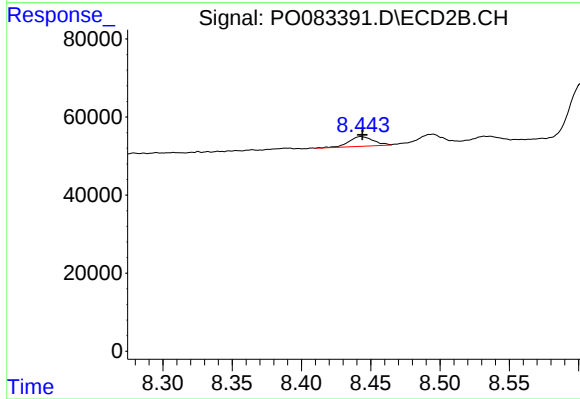
R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 1224687
Conc: 254.99 ng/ml



#43 AR-1268-3

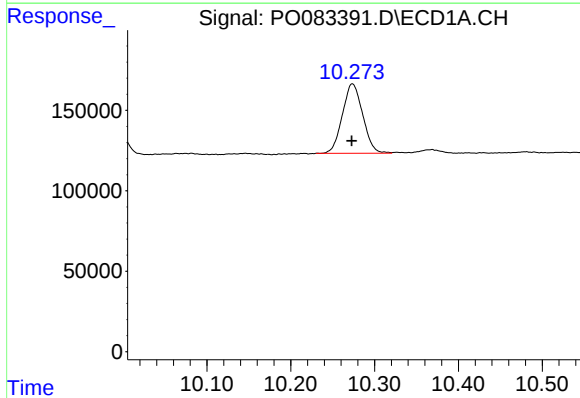
R.T.: 9.824 min
Delta R.T.: 0.002 min
Response: 57972
Conc: 8.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



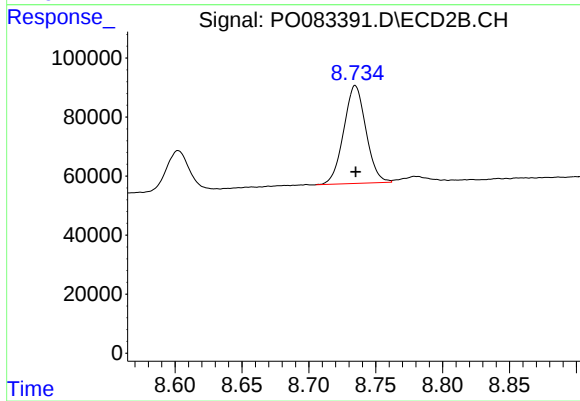
#43 AR-1268-3

R.T.: 8.443 min
Delta R.T.: -0.001 min
Response: 30480
Conc: 7.39 ng/ml



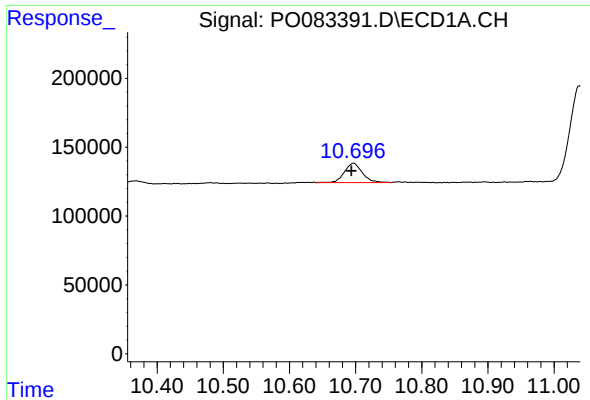
#44 AR-1268-4

R.T.: 10.274 min
Delta R.T.: 0.000 min
Response: 727710
Conc: 254.84 ng/ml



#44 AR-1268-4

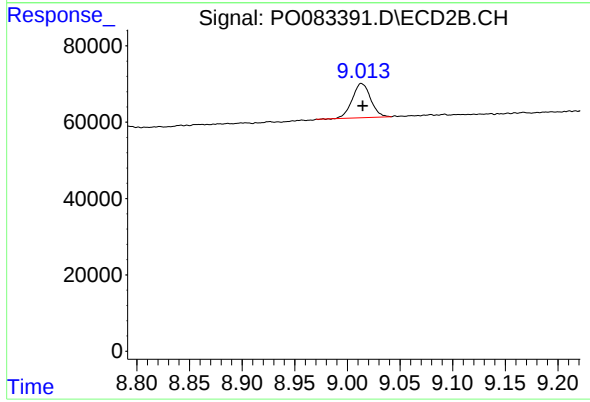
R.T.: 8.735 min
Delta R.T.: 0.000 min
Response: 384735
Conc: 226.97 ng/ml



#45 AR-1268-5

R.T.: 10.697 min
Delta R.T.: 0.003 min
Response: 264524
Conc: 11.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.013 min
Delta R.T.: -0.001 min
Response: 108287
Conc: 9.21 ng/ml