

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080621\
 Data File : P0080274.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Aug 2021 18:19
 Operator : DD\AJ
 Sample : M3279-09MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 01:36:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 28 18:45:36 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...	4.997	4.115	1494422	550130	24.801	24.022
2)	SA Decachlor...	11.103	9.518	962121	462336	20.510	22.247
Target Compounds							
3)	L1 AR-1016-1	6.327	5.390	1248190	531716	567.814	565.703
4)	L1 AR-1016-2	6.351	5.410	1727183	721995	566.098	567.510
5)	L1 AR-1016-3	6.417	5.606	1037218	393078	551.180	557.542
6)	L1 AR-1016-4	6.525	5.657	883902	321447	573.260	531.964
7)	L1 AR-1016-5	6.841	5.891	1084573	318828	716.876	432.926 #
8)	L2 AR-1221-1	5.245	4.376	115328	49188	178.977	170.339
9)	L2 AR-1221-2	5.349	4.479	145278	63288	316.390	295.089
10)	L2 AR-1221-3	5.437	4.568	659755	279213	427.563	430.077
11)	L3 AR-1232-1	5.437	4.568	659755	279213	462.967	463.035
12)	L3 AR-1232-2	6.030	5.410	944529	721995	1352.138	1283.904
13)	L3 AR-1232-3	6.351	5.606	1727183	393078	1295.927	1305.638
14)	L3 AR-1232-4	6.525	5.702	883902	390743	1357.233	1372.619
15)	L3 AR-1232-5	6.623	5.891	731728	318828	1638.606	1061.656 #
16)	L4 AR-1242-1	6.327	5.390	1248190	531716	748.905	746.601
17)	L4 AR-1242-2	6.351	5.410	1727183	721995	751.009	745.583
18)	L4 AR-1242-3	6.417	5.606	1037218	393078	730.646	732.589
19)	L4 AR-1242-4	6.525	5.702	883902	390743	778.935	695.867
20)	L4 AR-1242-5	7.311	6.275	343576	326557	270.621	501.861 #
21)	L5 AR-1248-1	6.327	5.390	1248190	531716	984.622	962.908
22)	L5 AR-1248-2	6.623	5.657	731728	321447	419.727	390.160
23)	L5 AR-1248-3	6.841	5.702	1084573	390743	529.186	470.836
24)	L5 AR-1248-4	7.272	5.891	295315	318828	126.155	337.411 #
25)	L5 AR-1248-5	7.311	6.319	343576	65678	151.088	71.632 #
26)	L6 AR-1254-1	7.241	6.275	814309	326557	372.785	240.811 #
27)	L6 AR-1254-2	7.471	6.435	761299	306940	231.838	255.985
28)	L6 AR-1254-3	7.855	6.881	376870	575613	109.455	307.639 #
29)	L6 AR-1254-4	8.151	7.105	161947	85687	63.674	72.377
30)	L6 AR-1254-5	8.582	7.540	1942250	967893	730.320	604.217
31)	L7 AR-1260-1	8.022	7.002	1391404	766699	567.120	592.336
32)	L7 AR-1260-2	8.289	7.200	1625033	857323	528.781	560.430
33)	L7 AR-1260-3	8.655	7.358	1000473	789462	451.212	540.704
34)	L7 AR-1260-4	8.887	7.848	1226099	560773	477.624	473.239
35)	L7 AR-1260-5	9.221	8.097	2273760	1262137	444.706	477.779
36)	L8 AR-1262-1	8.655	7.540	1000473	967893	312.871	1149.858 #
37)	L8 AR-1262-2	9.221	8.097	2273760	1262137	419.828	470.057
38)	L8 AR-1262-3	9.564f	8.387	1520655	262121	402.060	235.999 #
39)	L8 AR-1262-4	9.618f	8.451	820664	916349	290.437	458.311 #
40)	L8 AR-1262-5	10.326	8.958	568778	296671	299.114	304.133
41)	L9 AR-1268-1	9.564f	8.387	1520655	262121	234.883	86.268 #

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 Sample : M3279-09MSD
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 ALS Vial : 29 Sample Multiplier: 1

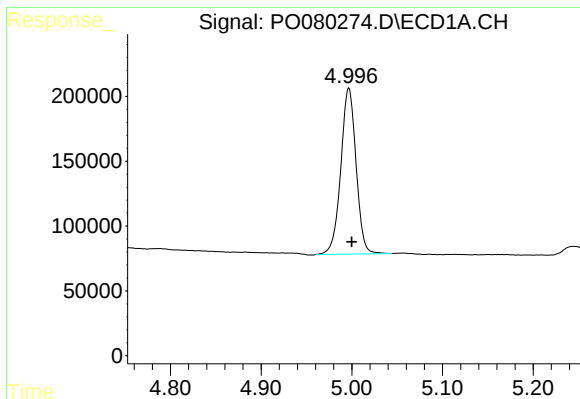
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 01:36:18 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	9.618f	8.451	820664	916349	137.913	336.777 #
43) L9	AR-1268-3	9.871	8.663	50014	31465	9.953	13.574 #
44) L9	AR-1268-4	10.326	8.958	568778	296671	247.546	277.103
45) L9	AR-1268-5	10.754	9.257	196005	102575	11.756	14.770 #

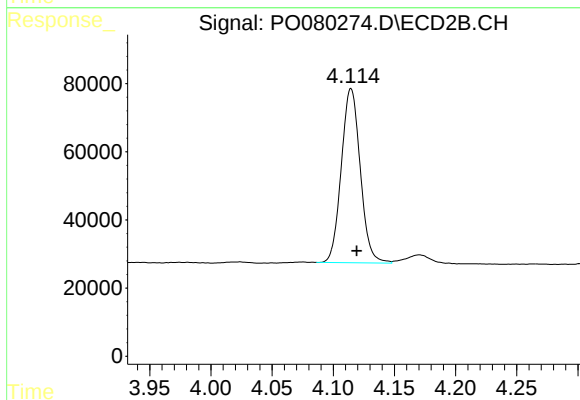
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

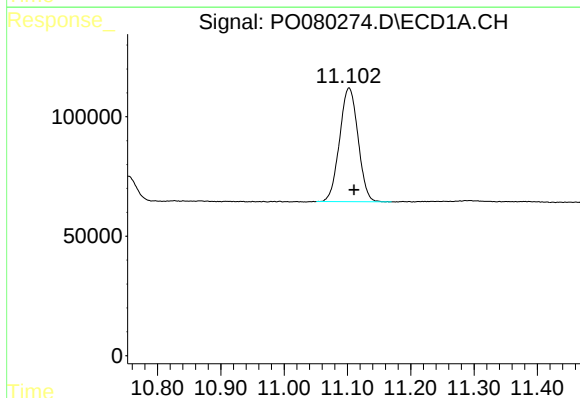
R.T.: 4.997 min
Delta R.T.: -0.003 min
Response: 1494422
Conc: 24.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



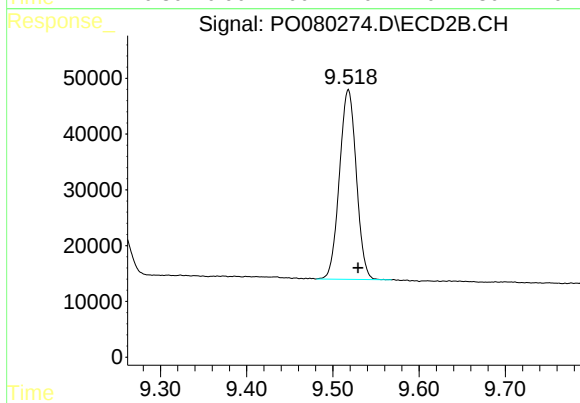
#1 Tetrachloro-m-xylene

R.T.: 4.115 min
Delta R.T.: -0.005 min
Response: 550130
Conc: 24.02 ng/ml



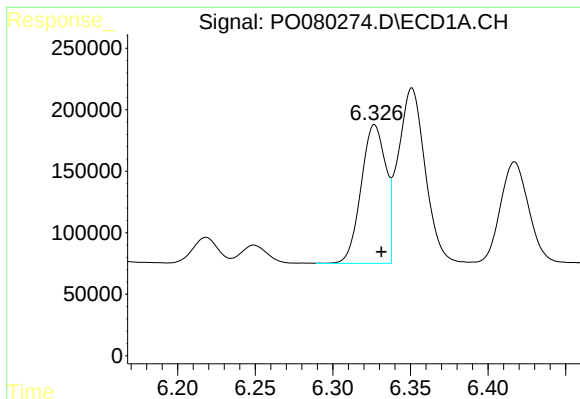
#2 Decachlorobiphenyl

R.T.: 11.103 min
Delta R.T.: -0.008 min
Response: 962121
Conc: 20.51 ng/ml



#2 Decachlorobiphenyl

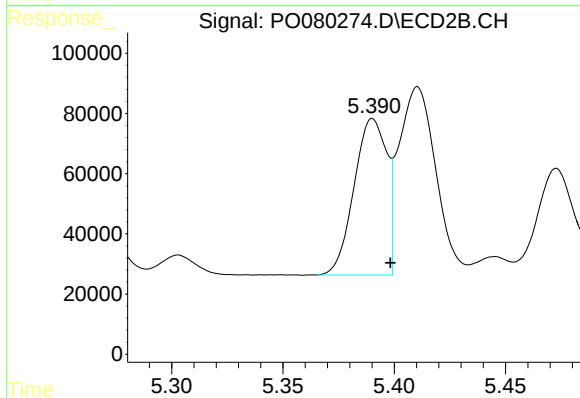
R.T.: 9.518 min
Delta R.T.: -0.011 min
Response: 462336
Conc: 22.25 ng/ml



#3 AR-1016-1

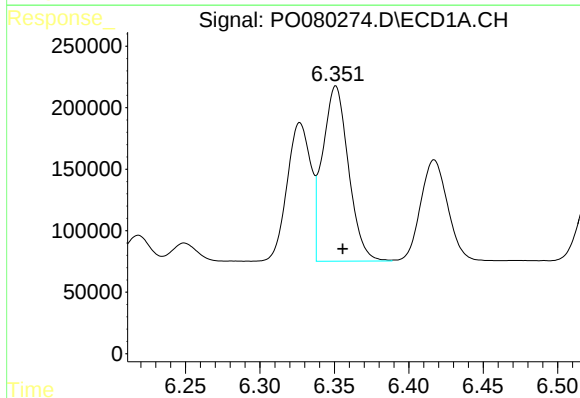
R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 1248190
Conc: 567.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



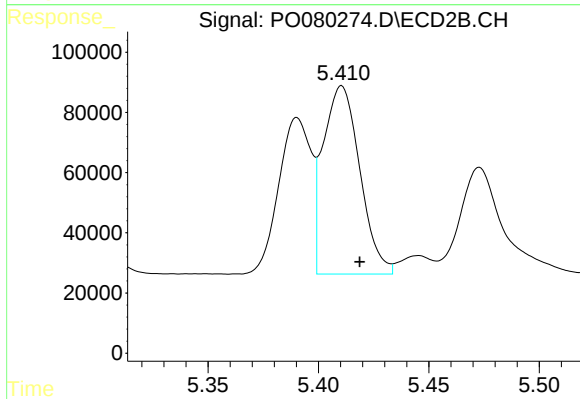
#3 AR-1016-1

R.T.: 5.390 min
Delta R.T.: -0.008 min
Response: 531716
Conc: 565.70 ng/ml



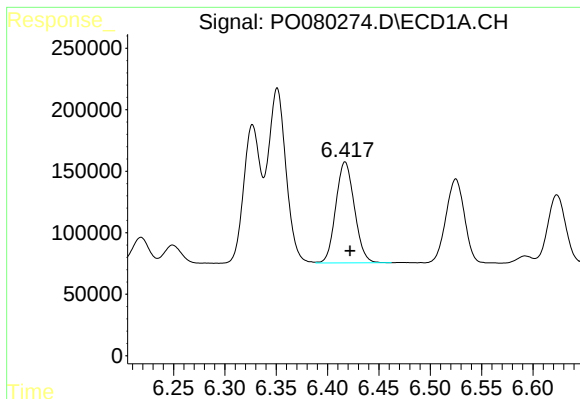
#4 AR-1016-2

R.T.: 6.351 min
Delta R.T.: -0.005 min
Response: 1727183
Conc: 566.10 ng/ml



#4 AR-1016-2

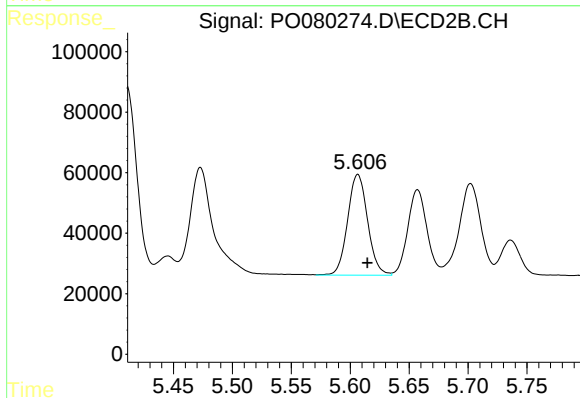
R.T.: 5.410 min
Delta R.T.: -0.008 min
Response: 721995
Conc: 567.51 ng/ml



#5 AR-1016-3

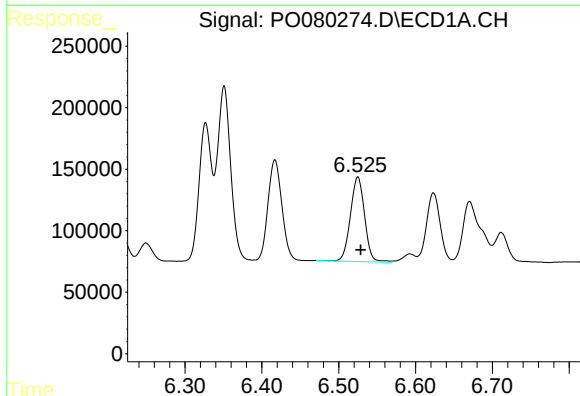
R.T.: 6.417 min
Delta R.T.: -0.005 min
Response: 1037218
Conc: 551.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



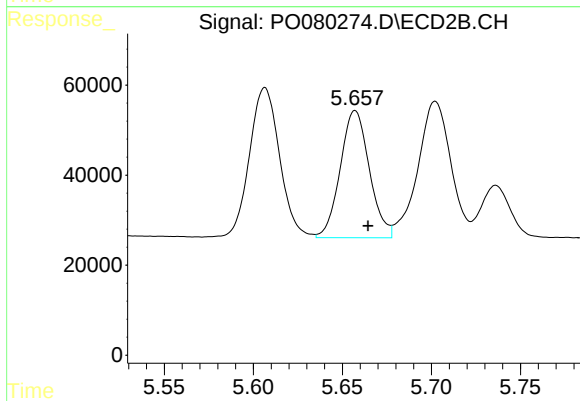
#5 AR-1016-3

R.T.: 5.606 min
Delta R.T.: -0.008 min
Response: 393078
Conc: 557.54 ng/ml



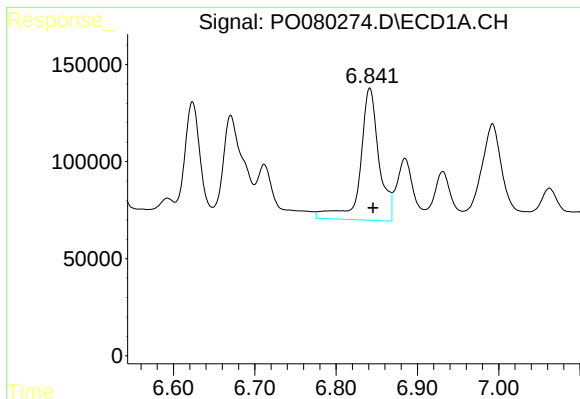
#6 AR-1016-4

R.T.: 6.525 min
Delta R.T.: -0.004 min
Response: 883902
Conc: 573.26 ng/ml



#6 AR-1016-4

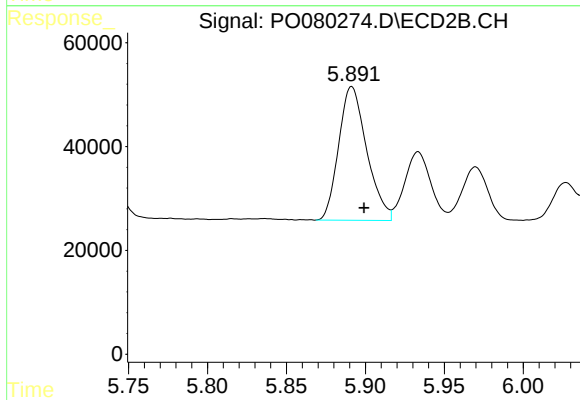
R.T.: 5.657 min
Delta R.T.: -0.007 min
Response: 321447
Conc: 531.96 ng/ml



#7 AR-1016-5

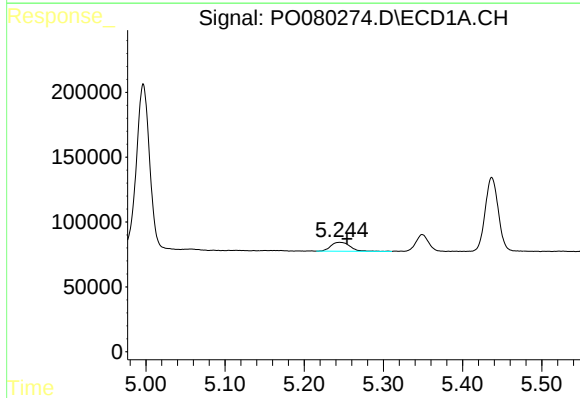
R.T.: 6.841 min
Delta R.T.: -0.004 min
Response: 1084573
Conc: 716.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



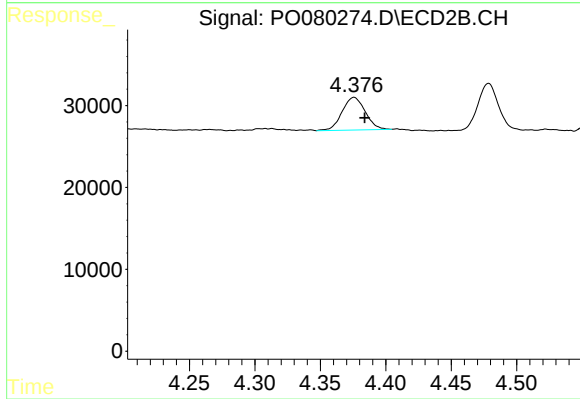
#7 AR-1016-5

R.T.: 5.891 min
Delta R.T.: -0.008 min
Response: 318828
Conc: 432.93 ng/ml



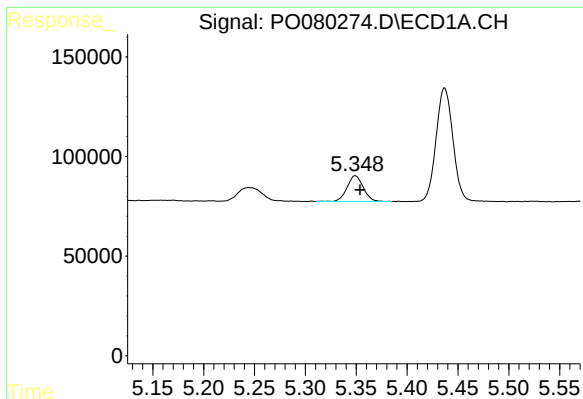
#8 AR-1221-1

R.T.: 5.245 min
Delta R.T.: -0.009 min
Response: 115328
Conc: 178.98 ng/ml



#8 AR-1221-1

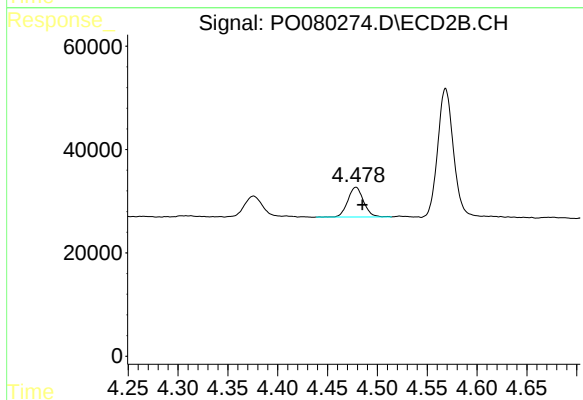
R.T.: 4.376 min
Delta R.T.: -0.008 min
Response: 49188
Conc: 170.34 ng/ml



#9 AR-1221-2

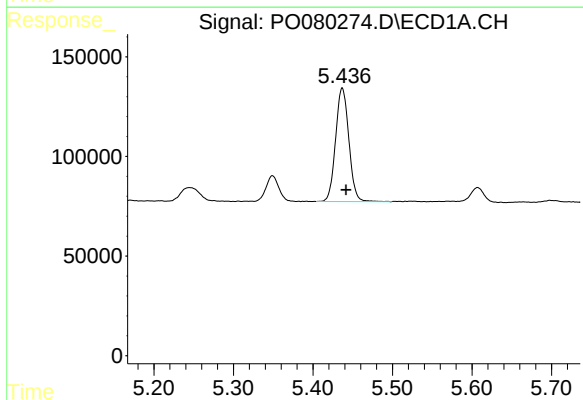
R.T.: 5.349 min
Delta R.T.: -0.005 min
Response: 145278
Conc: 316.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



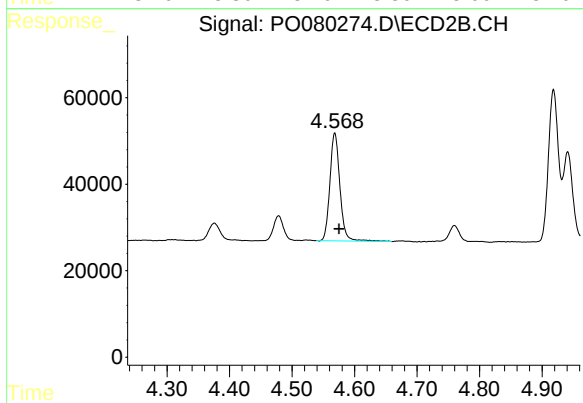
#9 AR-1221-2

R.T.: 4.479 min
Delta R.T.: -0.007 min
Response: 63288
Conc: 295.09 ng/ml



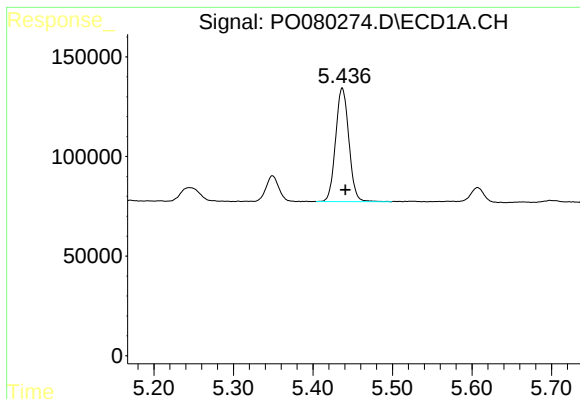
#10 AR-1221-3

R.T.: 5.437 min
Delta R.T.: -0.005 min
Response: 659755
Conc: 427.56 ng/ml



#10 AR-1221-3

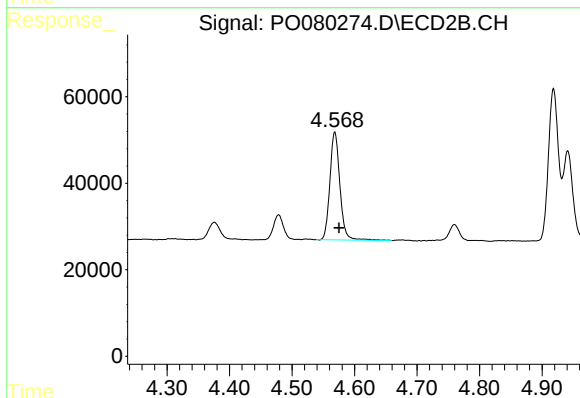
R.T.: 4.568 min
Delta R.T.: -0.007 min
Response: 279213
Conc: 430.08 ng/ml



#11 AR-1232-1

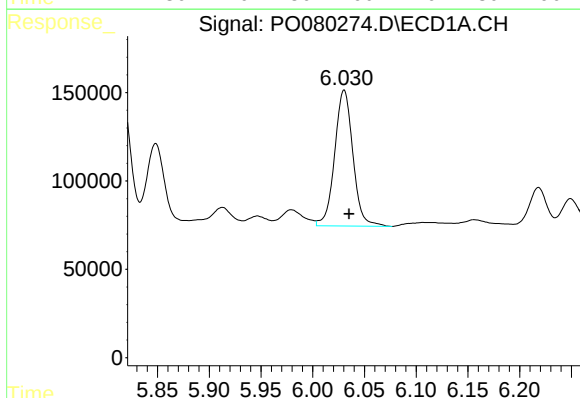
R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 659755
Conc: 462.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



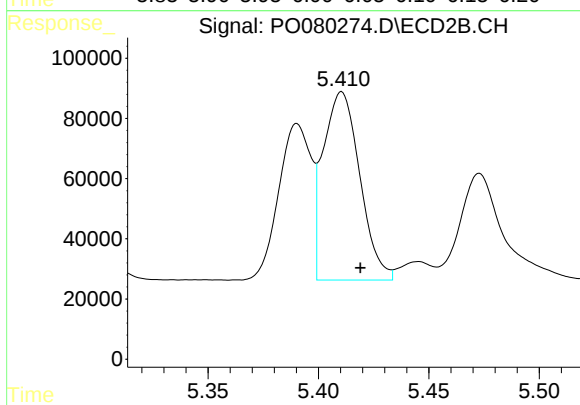
#11 AR-1232-1

R.T.: 4.568 min
Delta R.T.: -0.007 min
Response: 279213
Conc: 463.03 ng/ml



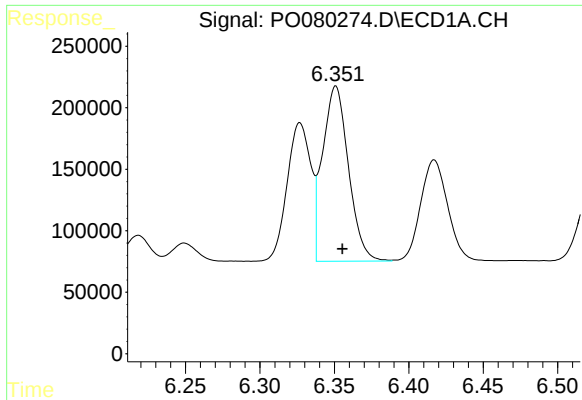
#12 AR-1232-2

R.T.: 6.030 min
Delta R.T.: -0.005 min
Response: 944529
Conc: 1352.14 ng/ml



#12 AR-1232-2

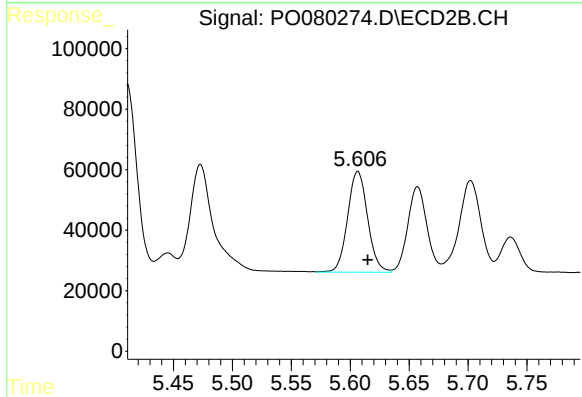
R.T.: 5.410 min
Delta R.T.: -0.008 min
Response: 721995
Conc: 1283.90 ng/ml



#13 AR-1232-3

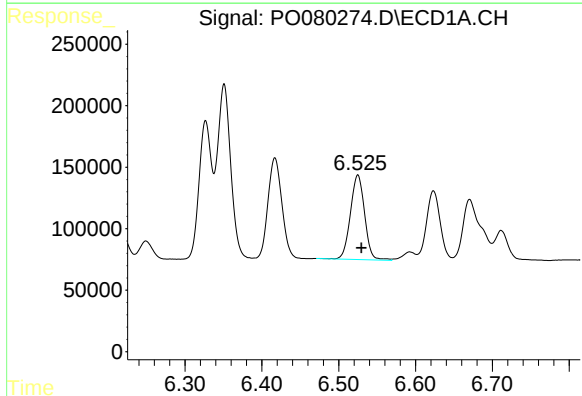
R.T.: 6.351 min
Delta R.T.: -0.004 min
Response: 1727183
Conc: 1295.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



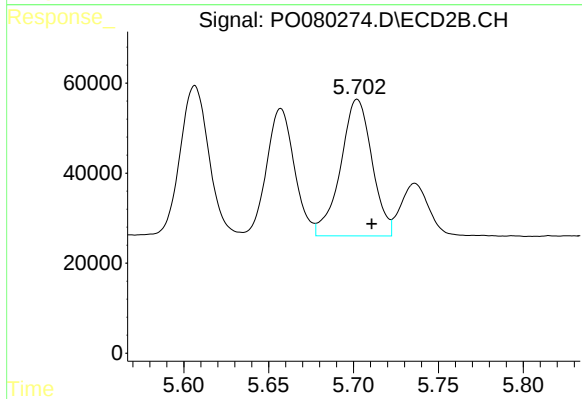
#13 AR-1232-3

R.T.: 5.606 min
Delta R.T.: -0.008 min
Response: 393078
Conc: 1305.64 ng/ml



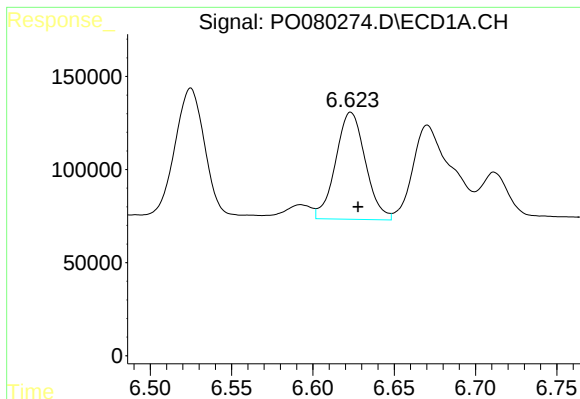
#14 AR-1232-4

R.T.: 6.525 min
Delta R.T.: -0.005 min
Response: 883902
Conc: 1357.23 ng/ml



#14 AR-1232-4

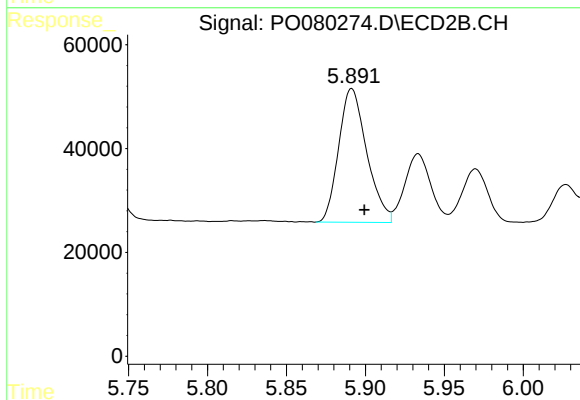
R.T.: 5.702 min
Delta R.T.: -0.009 min
Response: 390743
Conc: 1372.62 ng/ml



#15 AR-1232-5

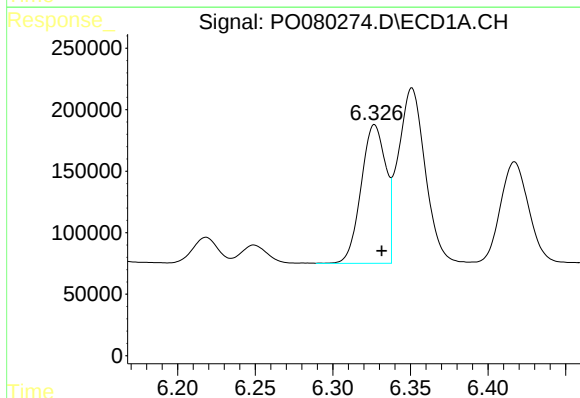
R.T.: 6.623 min
Delta R.T.: -0.004 min
Response: 731728
Conc: 1638.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



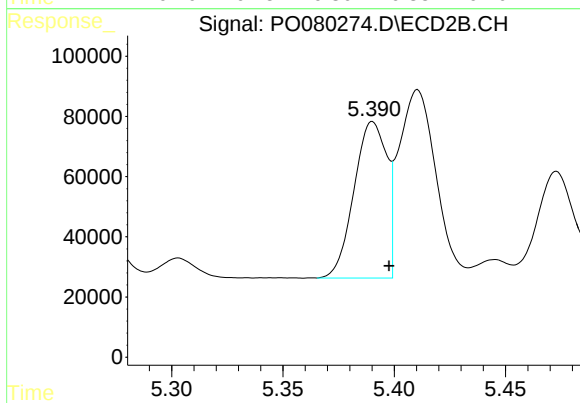
#15 AR-1232-5

R.T.: 5.891 min
Delta R.T.: -0.008 min
Response: 318828
Conc: 1061.66 ng/ml



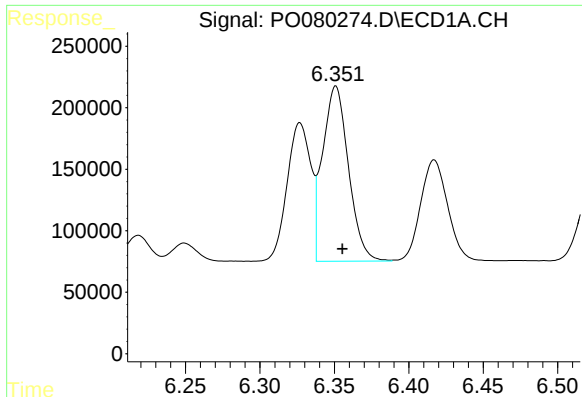
#16 AR-1242-1

R.T.: 6.327 min
Delta R.T.: -0.005 min
Response: 1248190
Conc: 748.90 ng/ml



#16 AR-1242-1

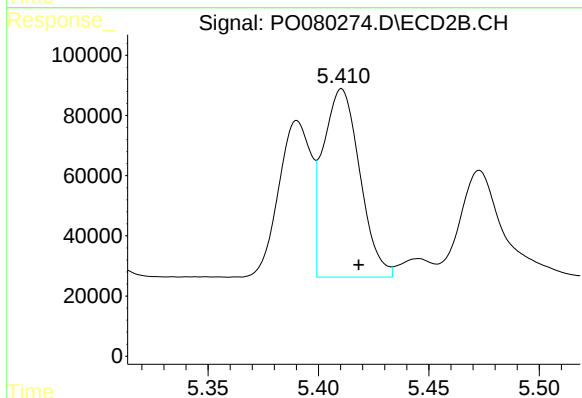
R.T.: 5.390 min
Delta R.T.: -0.007 min
Response: 531716
Conc: 746.60 ng/ml



#17 AR-1242-2

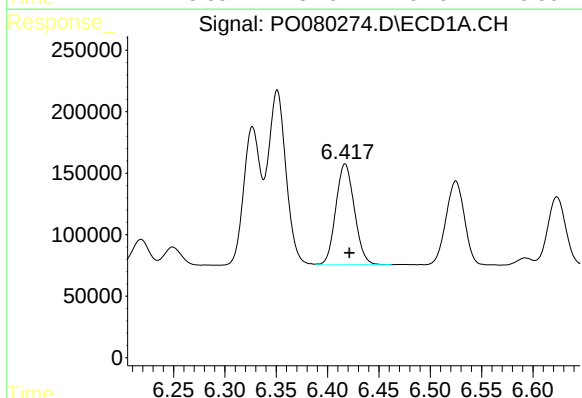
R.T.: 6.351 min
Delta R.T.: -0.005 min
Response: 1727183
Conc: 751.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



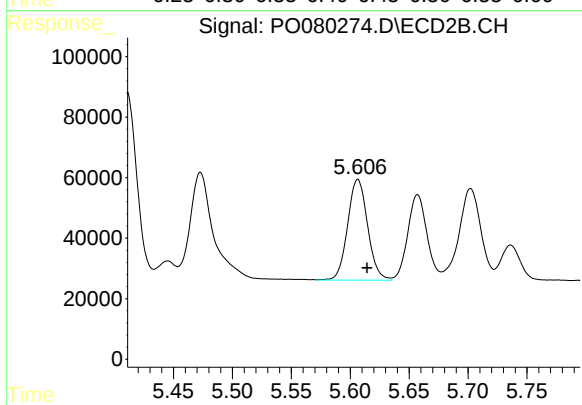
#17 AR-1242-2

R.T.: 5.410 min
Delta R.T.: -0.008 min
Response: 721995
Conc: 745.58 ng/ml



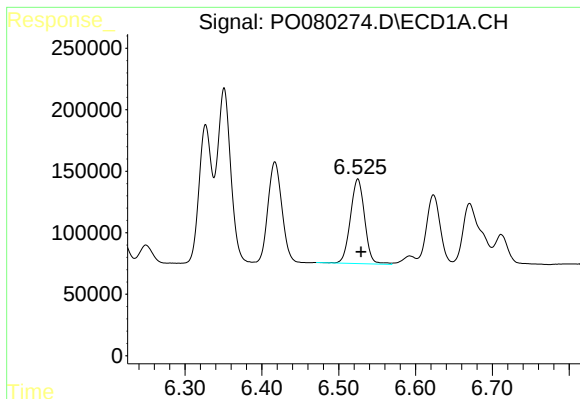
#18 AR-1242-3

R.T.: 6.417 min
Delta R.T.: -0.004 min
Response: 1037218
Conc: 730.65 ng/ml



#18 AR-1242-3

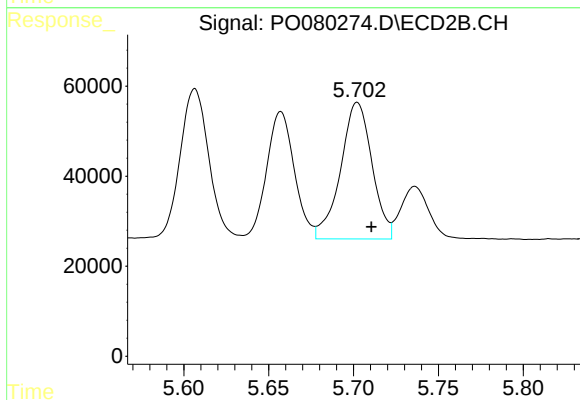
R.T.: 5.606 min
Delta R.T.: -0.008 min
Response: 393078
Conc: 732.59 ng/ml



#19 AR-1242-4

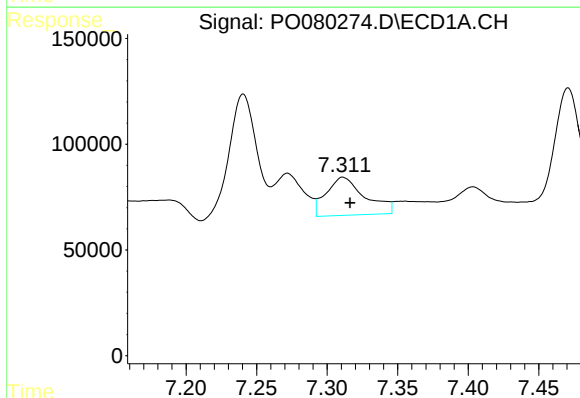
R.T.: 6.525 min
Delta R.T.: -0.005 min
Response: 883902
Conc: 778.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



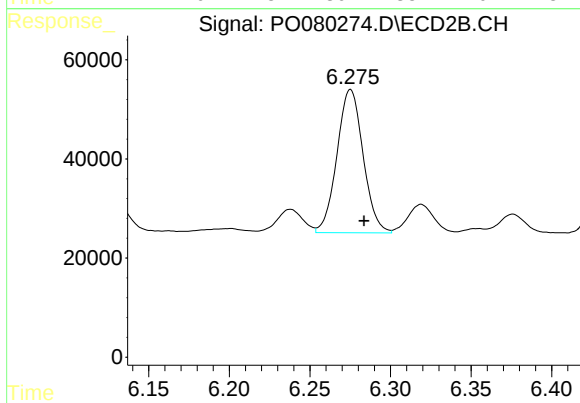
#19 AR-1242-4

R.T.: 5.702 min
Delta R.T.: -0.008 min
Response: 390743
Conc: 695.87 ng/ml



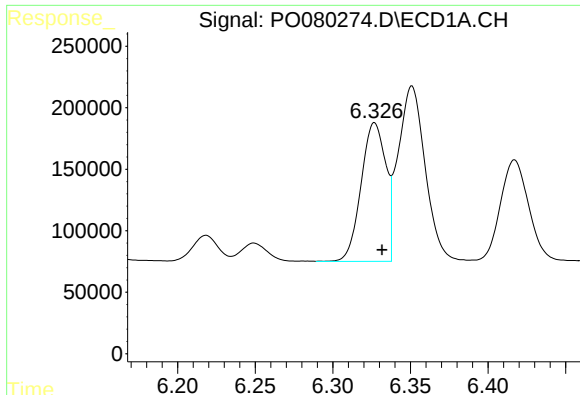
#20 AR-1242-5

R.T.: 7.311 min
Delta R.T.: -0.005 min
Response: 343576
Conc: 270.62 ng/ml



#20 AR-1242-5

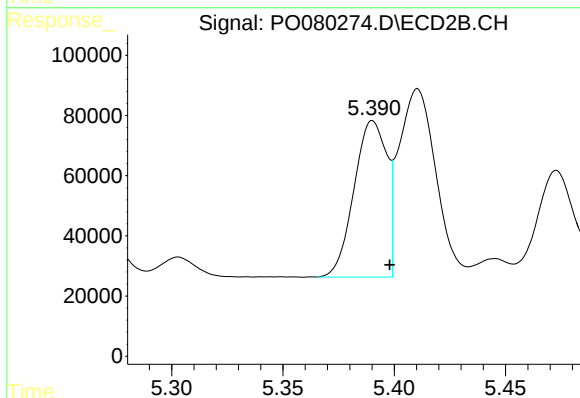
R.T.: 6.275 min
Delta R.T.: -0.008 min
Response: 326557
Conc: 501.86 ng/ml



#21 AR-1248-1

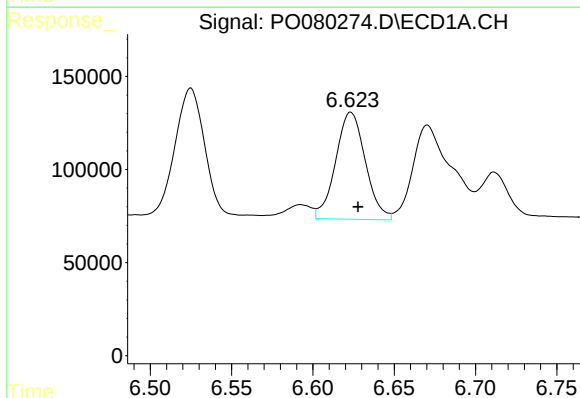
R.T.: 6.327 min
Delta R.T.: -0.005 min
Response: 1248190
Conc: 984.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



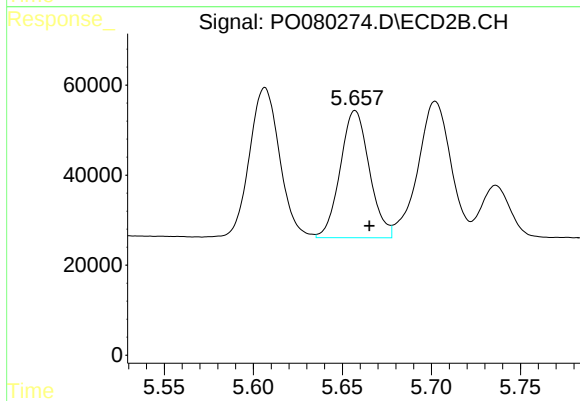
#21 AR-1248-1

R.T.: 5.390 min
Delta R.T.: -0.008 min
Response: 531716
Conc: 962.91 ng/ml



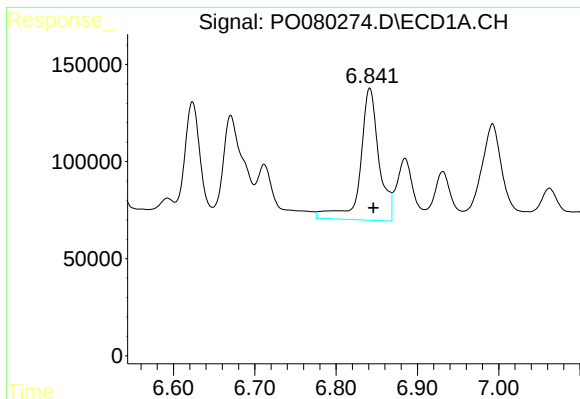
#22 AR-1248-2

R.T.: 6.623 min
Delta R.T.: -0.004 min
Response: 731728
Conc: 419.73 ng/ml



#22 AR-1248-2

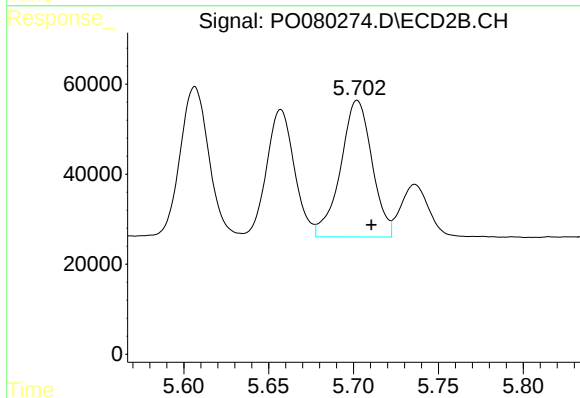
R.T.: 5.657 min
Delta R.T.: -0.008 min
Response: 321447
Conc: 390.16 ng/ml



#23 AR-1248-3

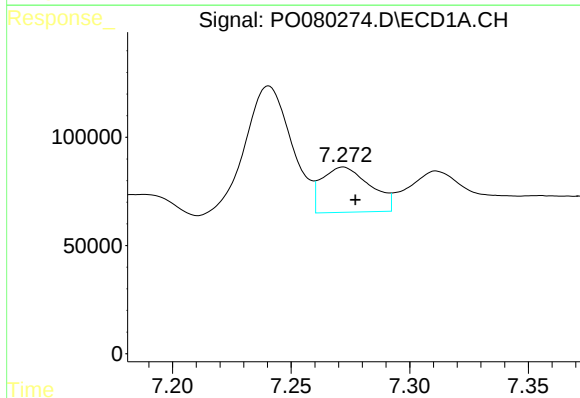
R.T.: 6.841 min
Delta R.T.: -0.004 min
Response: 1084573
Conc: 529.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



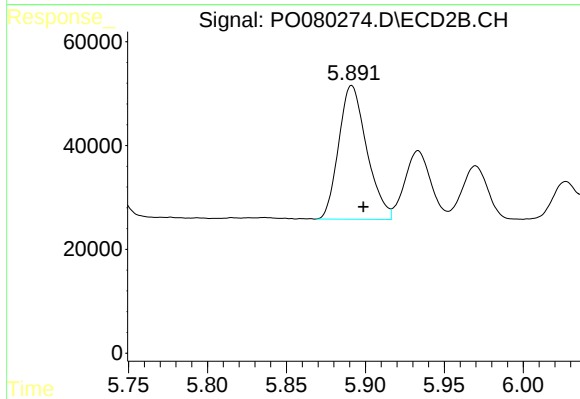
#23 AR-1248-3

R.T.: 5.702 min
Delta R.T.: -0.008 min
Response: 390743
Conc: 470.84 ng/ml



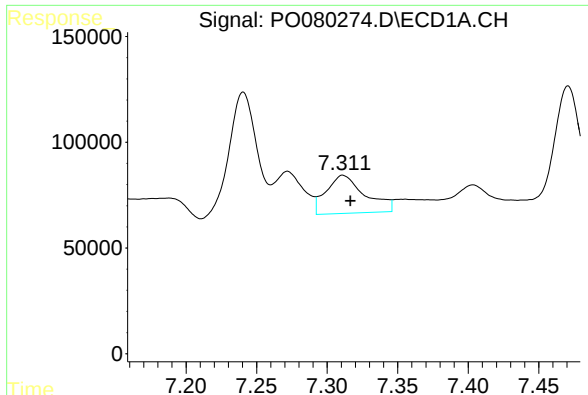
#24 AR-1248-4

R.T.: 7.272 min
Delta R.T.: -0.005 min
Response: 295315
Conc: 126.15 ng/ml



#24 AR-1248-4

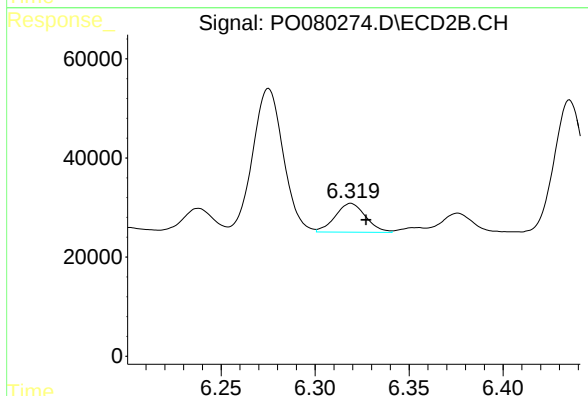
R.T.: 5.891 min
Delta R.T.: -0.007 min
Response: 318828
Conc: 337.41 ng/ml



#25 AR-1248-5

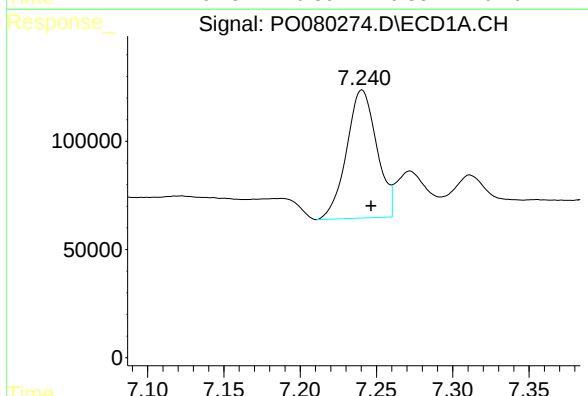
R.T.: 7.311 min
Delta R.T.: -0.005 min
Response: 343576
Conc: 151.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



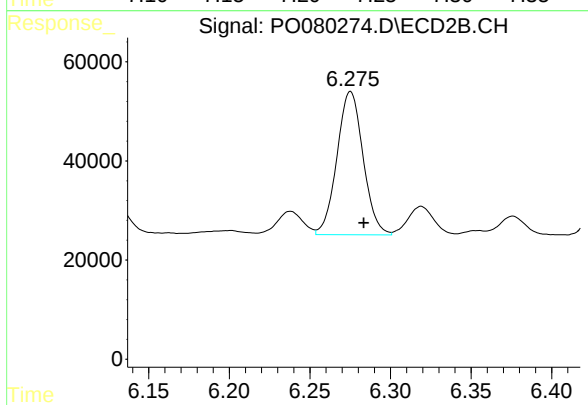
#25 AR-1248-5

R.T.: 6.319 min
Delta R.T.: -0.008 min
Response: 65678
Conc: 71.63 ng/ml



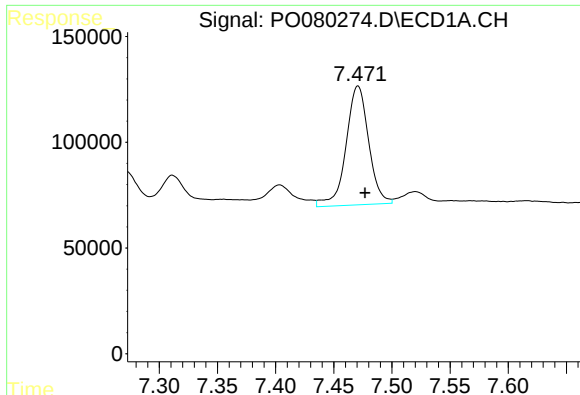
#26 AR-1254-1

R.T.: 7.241 min
Delta R.T.: -0.006 min
Response: 814309
Conc: 372.79 ng/ml



#26 AR-1254-1

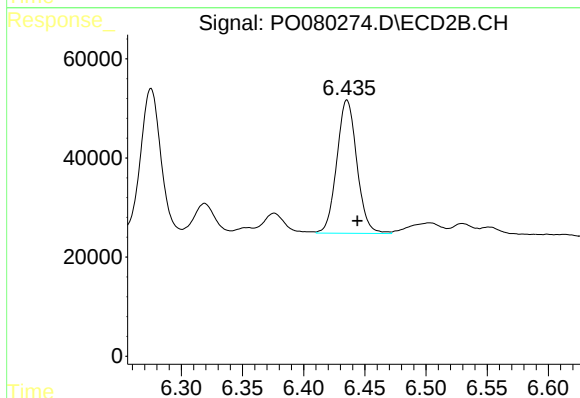
R.T.: 6.275 min
Delta R.T.: -0.008 min
Response: 326557
Conc: 240.81 ng/ml



#27 AR-1254-2

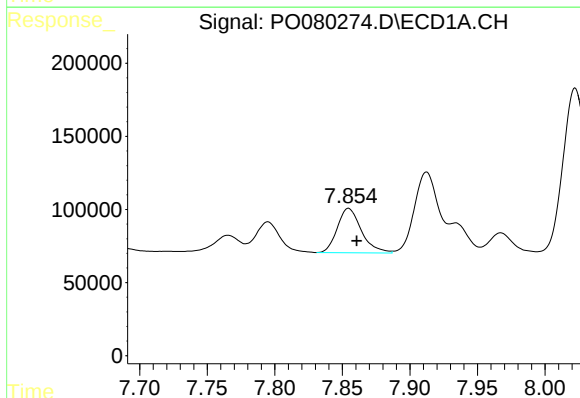
R.T.: 7.471 min
Delta R.T.: -0.006 min
Response: 761299
Conc: 231.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



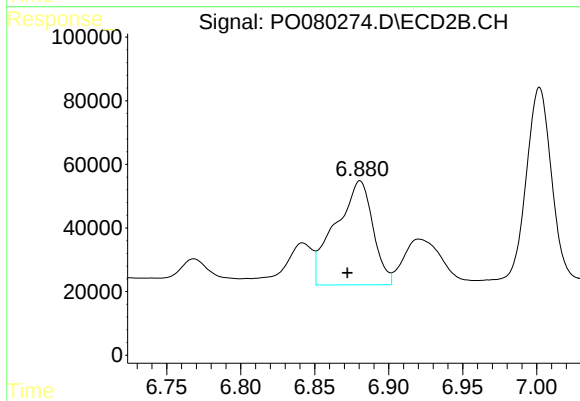
#27 AR-1254-2

R.T.: 6.435 min
Delta R.T.: -0.008 min
Response: 306940
Conc: 255.98 ng/ml



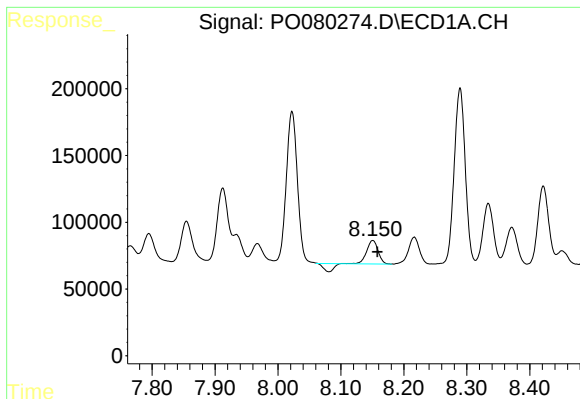
#28 AR-1254-3

R.T.: 7.855 min
Delta R.T.: -0.006 min
Response: 376870
Conc: 109.45 ng/ml



#28 AR-1254-3

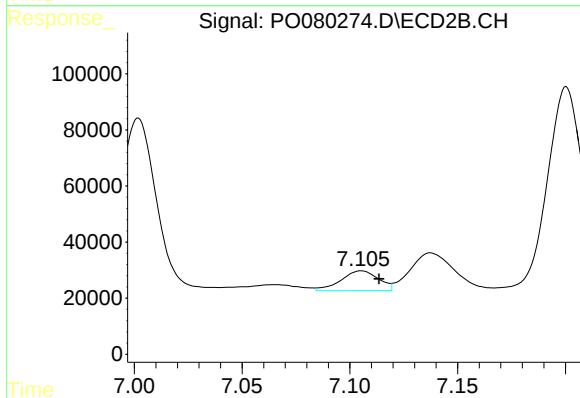
R.T.: 6.881 min
Delta R.T.: 0.009 min
Response: 575613
Conc: 307.64 ng/ml



#29 AR-1254-4

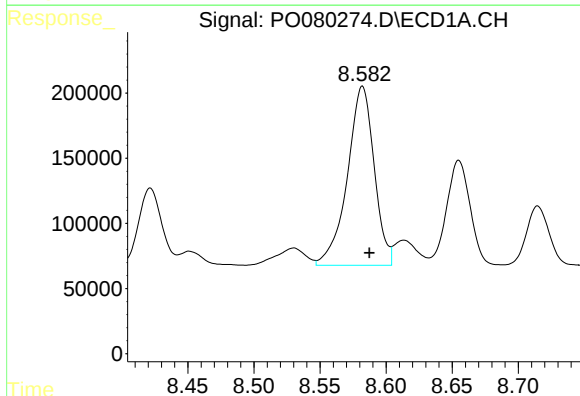
R.T.: 8.151 min
Delta R.T.: -0.007 min
Response: 161947
Conc: 63.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



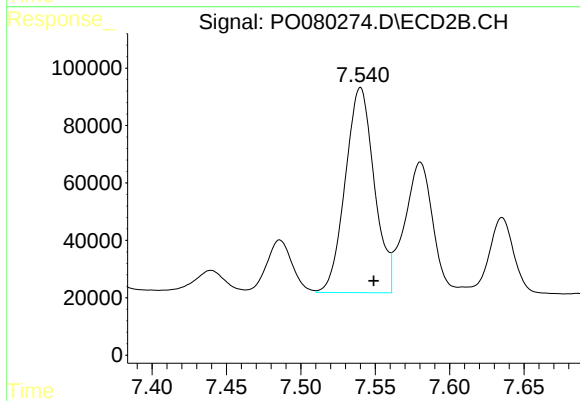
#29 AR-1254-4

R.T.: 7.105 min
Delta R.T.: -0.008 min
Response: 85687
Conc: 72.38 ng/ml



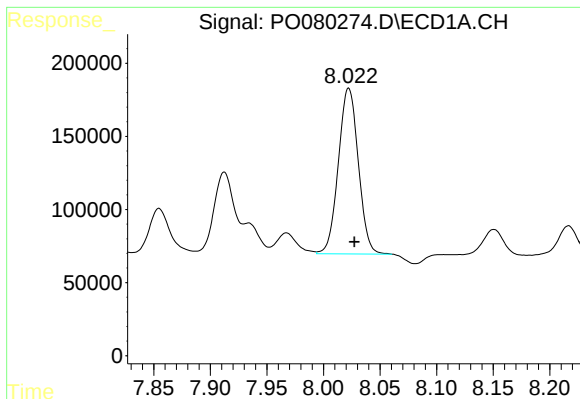
#30 AR-1254-5

R.T.: 8.582 min
Delta R.T.: -0.005 min
Response: 1942250
Conc: 730.32 ng/ml



#30 AR-1254-5

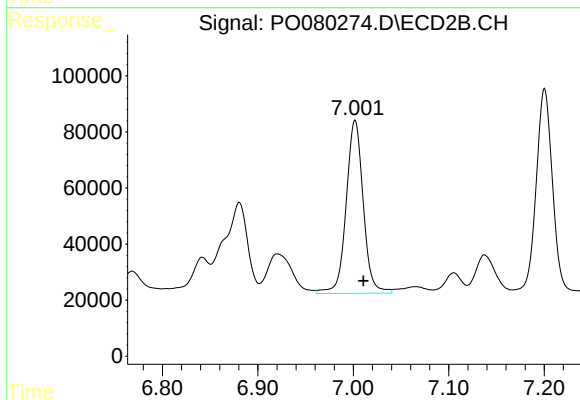
R.T.: 7.540 min
Delta R.T.: -0.009 min
Response: 967893
Conc: 604.22 ng/ml



#31 AR-1260-1

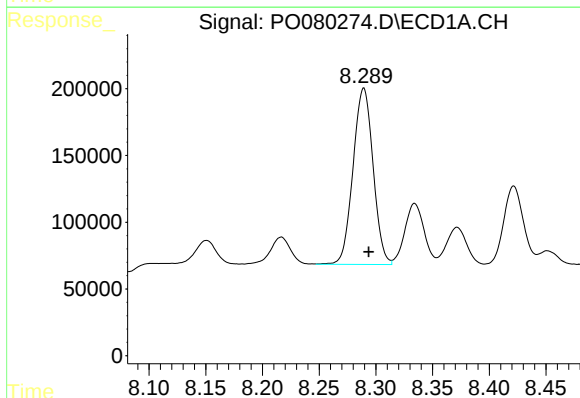
R.T.: 8.022 min
Delta R.T.: -0.005 min
Response: 1391404
Conc: 567.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



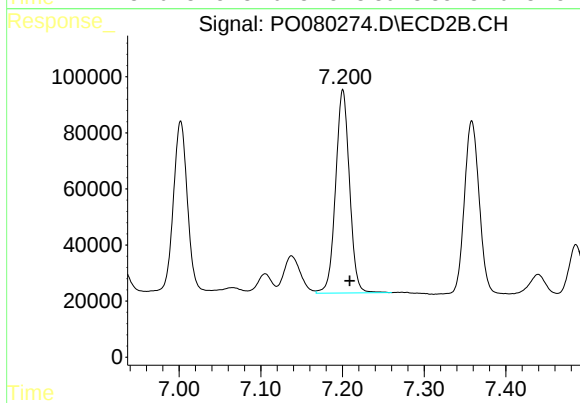
#31 AR-1260-1

R.T.: 7.002 min
Delta R.T.: -0.009 min
Response: 766699
Conc: 592.34 ng/ml



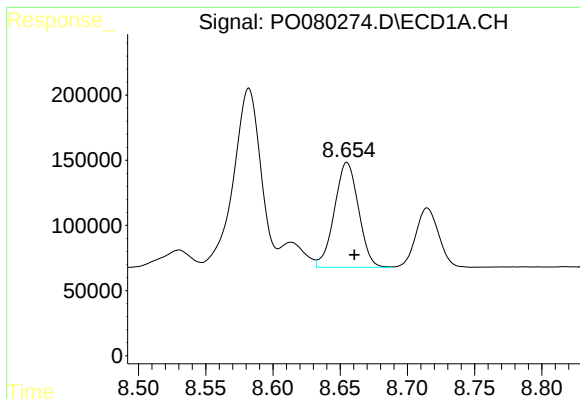
#32 AR-1260-2

R.T.: 8.289 min
Delta R.T.: -0.004 min
Response: 1625033
Conc: 528.78 ng/ml



#32 AR-1260-2

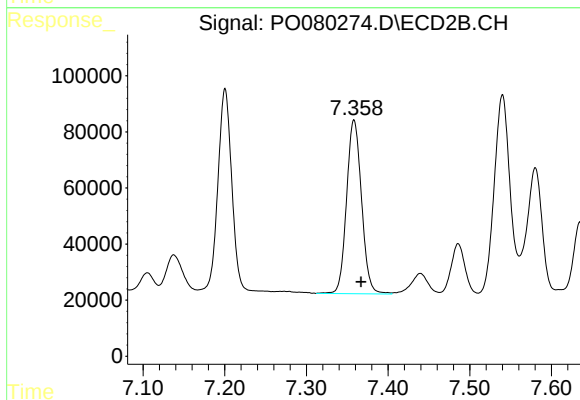
R.T.: 7.200 min
Delta R.T.: -0.009 min
Response: 857323
Conc: 560.43 ng/ml



#33 AR-1260-3

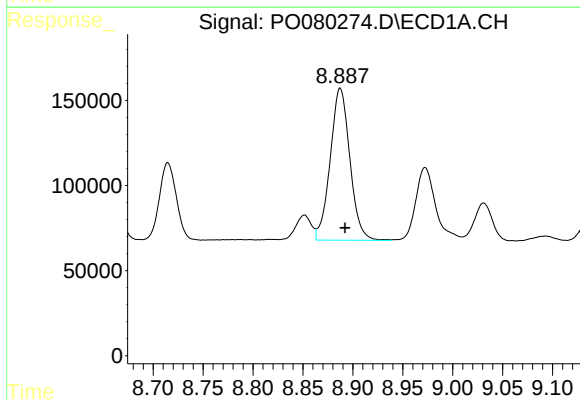
R.T.: 8.655 min
Delta R.T.: -0.006 min
Response: 1000473
Conc: 451.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



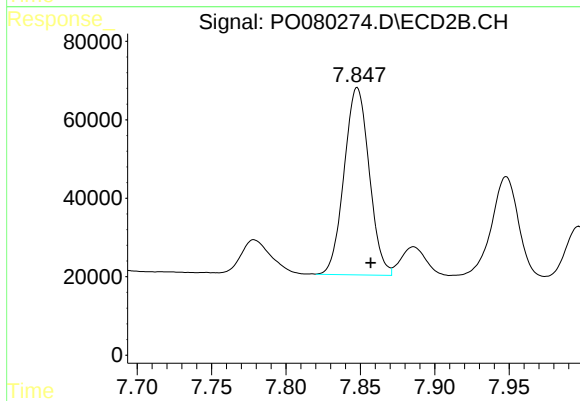
#33 AR-1260-3

R.T.: 7.358 min
Delta R.T.: -0.009 min
Response: 789462
Conc: 540.70 ng/ml



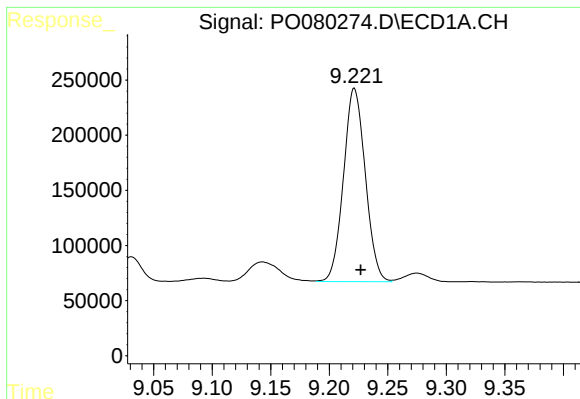
#34 AR-1260-4

R.T.: 8.887 min
Delta R.T.: -0.005 min
Response: 1226099
Conc: 477.62 ng/ml



#34 AR-1260-4

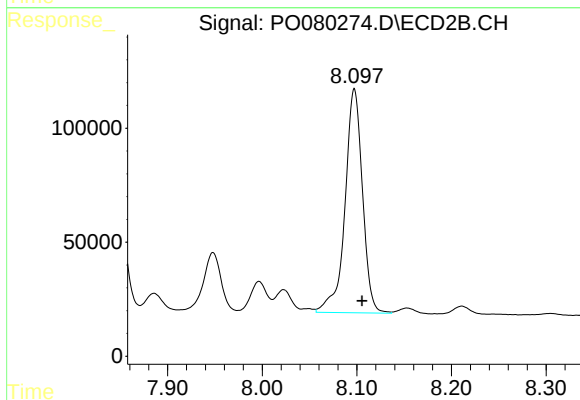
R.T.: 7.848 min
Delta R.T.: -0.009 min
Response: 560773
Conc: 473.24 ng/ml



#35 AR-1260-5

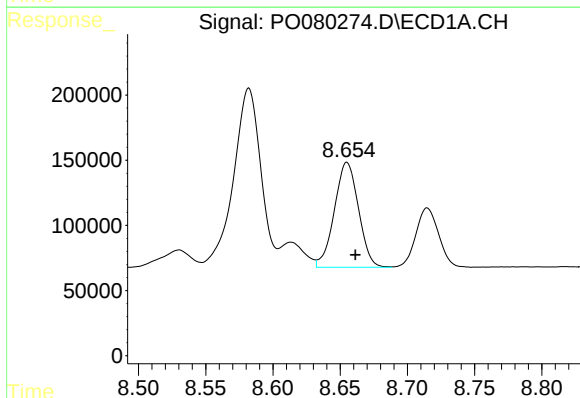
R.T.: 9.221 min
Delta R.T.: -0.005 min
Response: 2273760
Conc: 444.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



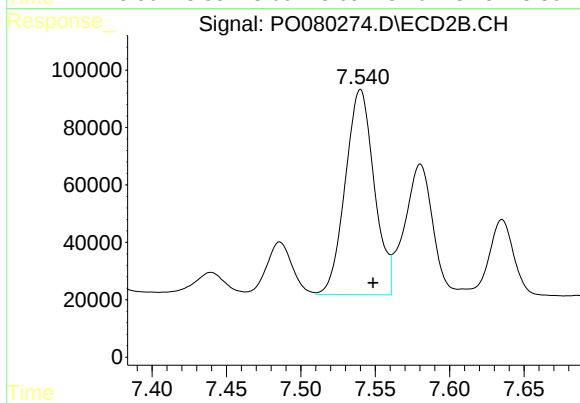
#35 AR-1260-5

R.T.: 8.097 min
Delta R.T.: -0.008 min
Response: 1262137
Conc: 477.78 ng/ml



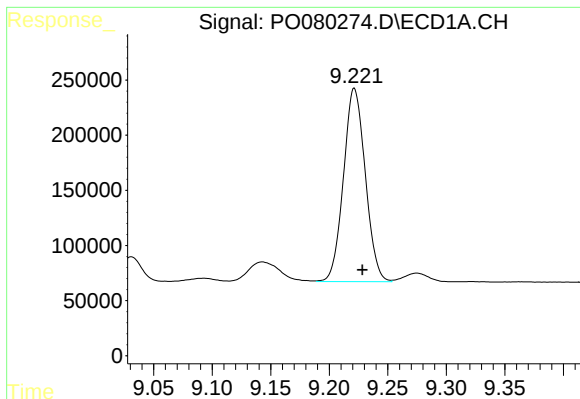
#36 AR-1262-1

R.T.: 8.655 min
Delta R.T.: -0.006 min
Response: 1000473
Conc: 312.87 ng/ml



#36 AR-1262-1

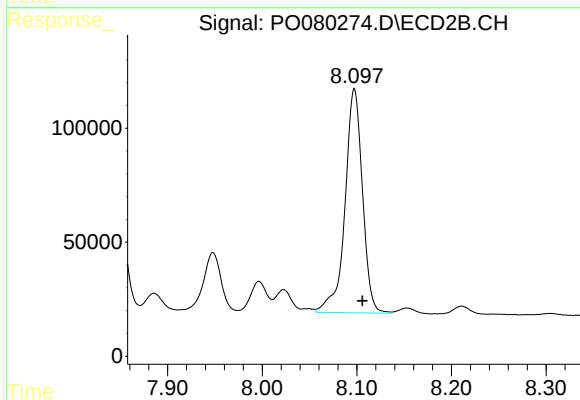
R.T.: 7.540 min
Delta R.T.: -0.008 min
Response: 967893
Conc: 1149.86 ng/ml



#37 AR-1262-2

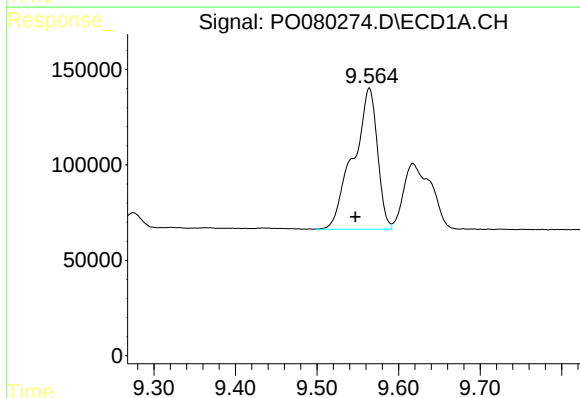
R.T.: 9.221 min
Delta R.T.: -0.007 min
Response: 2273760
Conc: 419.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



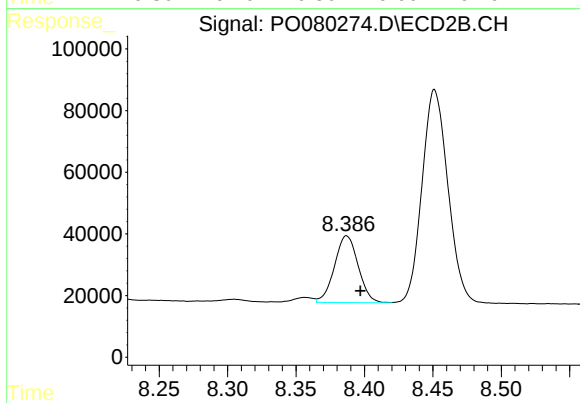
#37 AR-1262-2

R.T.: 8.097 min
Delta R.T.: -0.009 min
Response: 1262137
Conc: 470.06 ng/ml



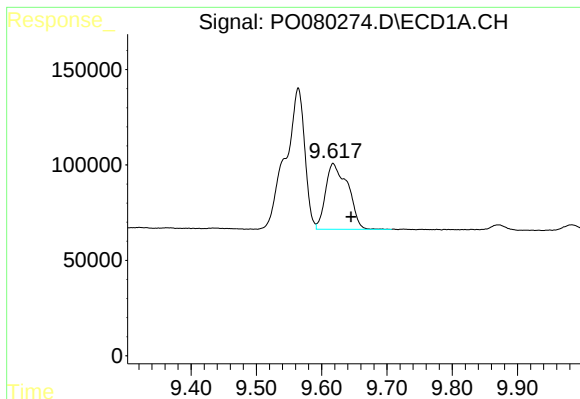
#38 AR-1262-3

R.T.: 9.564 min
Delta R.T.: 0.017 min
Response: 1520655
Conc: 402.06 ng/ml



#38 AR-1262-3

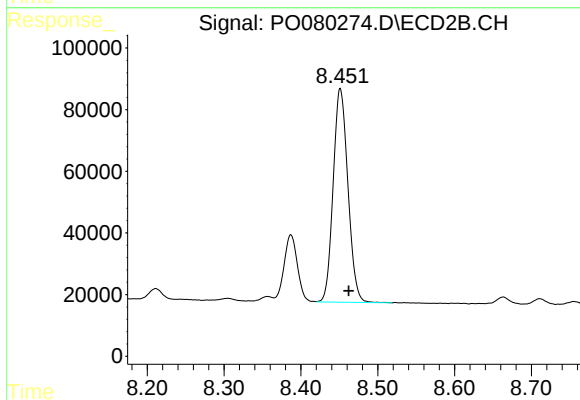
R.T.: 8.387 min
Delta R.T.: -0.010 min
Response: 262121
Conc: 236.00 ng/ml



#39 AR-1262-4

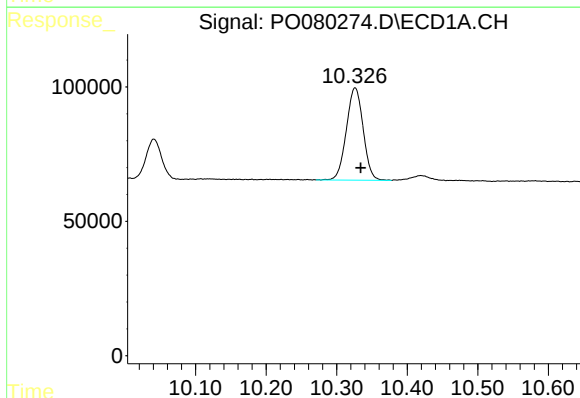
R.T.: 9.618 min
Delta R.T.: -0.028 min
Response: 820664
Conc: 290.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



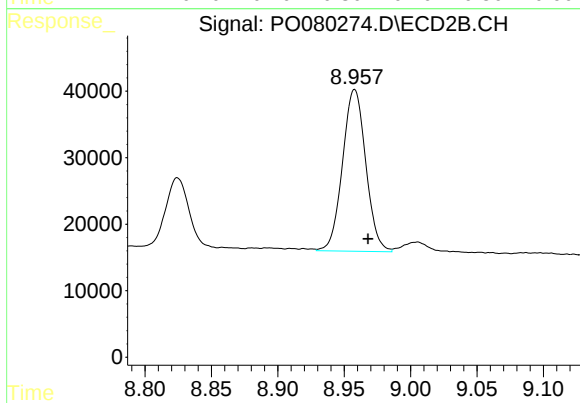
#39 AR-1262-4

R.T.: 8.451 min
Delta R.T.: -0.011 min
Response: 916349
Conc: 458.31 ng/ml



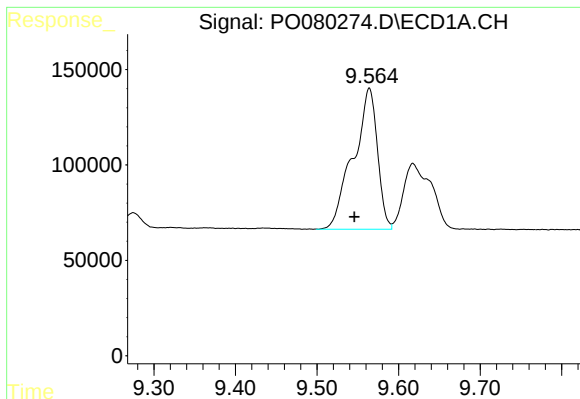
#40 AR-1262-5

R.T.: 10.326 min
Delta R.T.: -0.008 min
Response: 568778
Conc: 299.11 ng/ml



#40 AR-1262-5

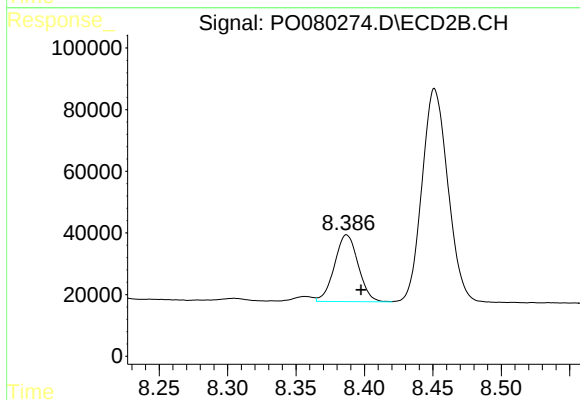
R.T.: 8.958 min
Delta R.T.: -0.010 min
Response: 296671
Conc: 304.13 ng/ml



#41 AR-1268-1

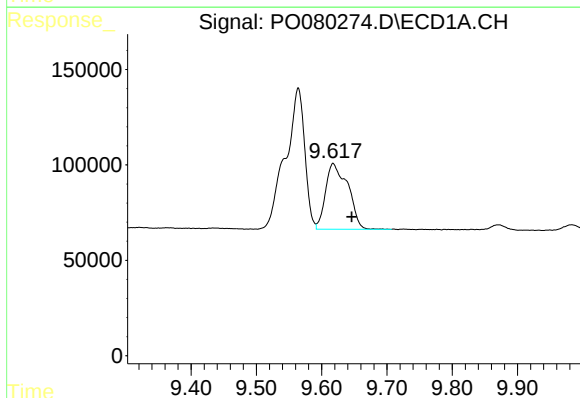
R.T.: 9.564 min
Delta R.T.: 0.018 min
Response: 1520655
Conc: 234.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



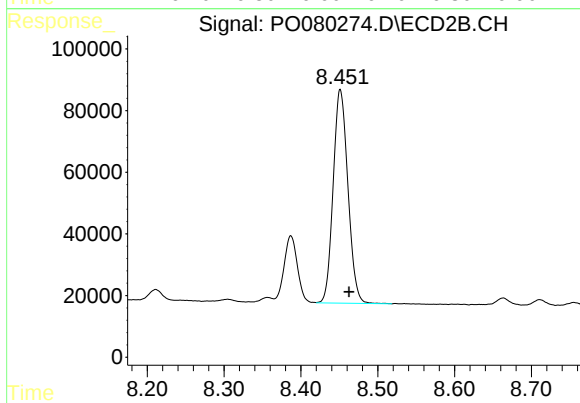
#41 AR-1268-1

R.T.: 8.387 min
Delta R.T.: -0.010 min
Response: 262121
Conc: 86.27 ng/ml



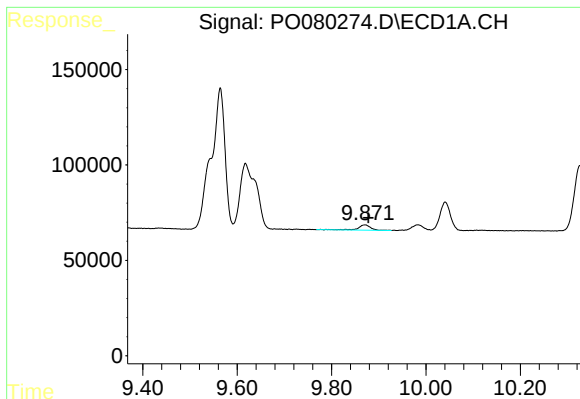
#42 AR-1268-2

R.T.: 9.618 min
Delta R.T.: -0.029 min
Response: 820664
Conc: 137.91 ng/ml



#42 AR-1268-2

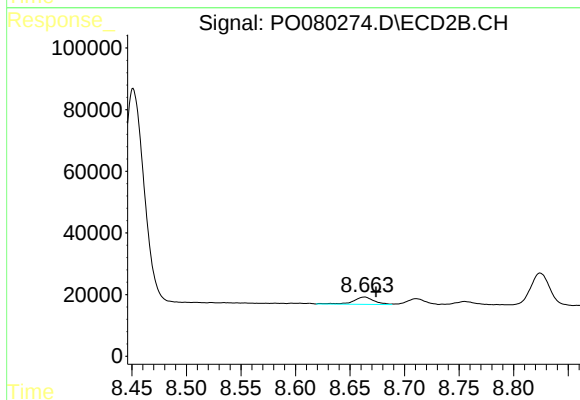
R.T.: 8.451 min
Delta R.T.: -0.011 min
Response: 916349
Conc: 336.78 ng/ml



#43 AR-1268-3

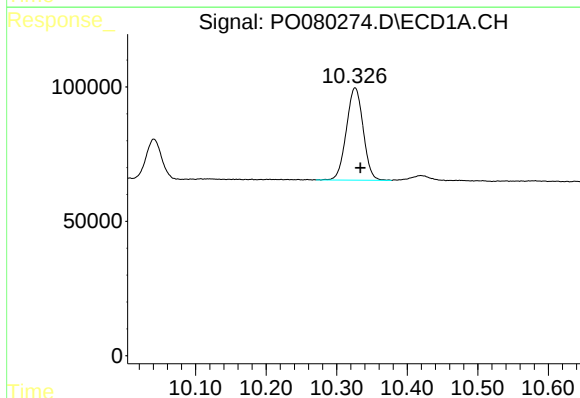
R.T.: 9.871 min
Delta R.T.: -0.007 min
Response: 50014
Conc: 9.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



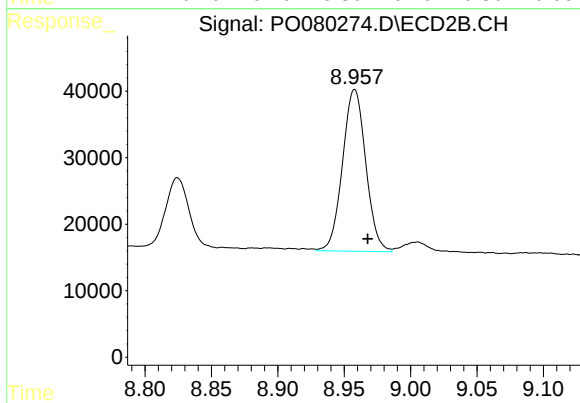
#43 AR-1268-3

R.T.: 8.663 min
Delta R.T.: -0.011 min
Response: 31465
Conc: 13.57 ng/ml



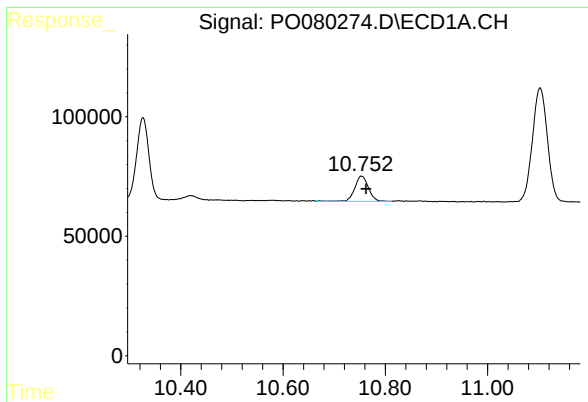
#44 AR-1268-4

R.T.: 10.326 min
Delta R.T.: -0.007 min
Response: 568778
Conc: 247.55 ng/ml



#44 AR-1268-4

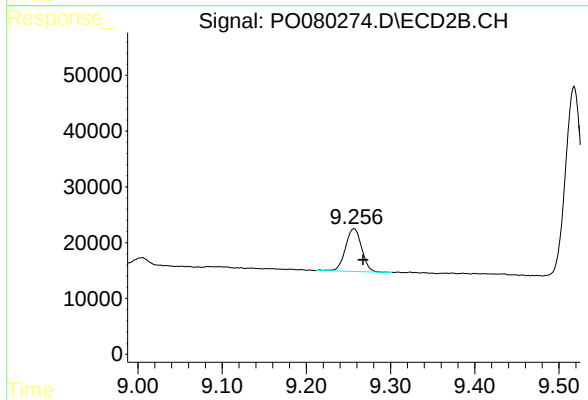
R.T.: 8.958 min
Delta R.T.: -0.010 min
Response: 296671
Conc: 277.10 ng/ml



#45 AR-1268-5

R.T.: 10.754 min
Delta R.T.: -0.009 min
Response: 196005
Conc: 11.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.257 min
Delta R.T.: -0.011 min
Response: 102575
Conc: 14.77 ng/ml