

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081621\
 Data File : P0080477.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Aug 2021 17:00
 Operator : DD\AJ
 Sample : M3407-26MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 01:53:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081021.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 11 05:48:32 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...	4.992	4.108	1655471	533427	23.907	21.402
2)	SA Decachlor...	11.093	9.507	1036889	422396	20.032	18.623
Target Compounds							
3)	L1 AR-1016-1	6.323	5.383	1515693	565847	591.628	549.966
4)	L1 AR-1016-2	6.347	5.403	2098512	774272	592.952	554.765
5)	L1 AR-1016-3	6.413	5.599	1292776	413228	599.447	555.209
6)	L1 AR-1016-4	6.521	5.650	1053752	334734	594.430	542.860
7)	L1 AR-1016-5	6.837	5.883	996799	415903	579.202	557.937
8)	L2 AR-1221-1	5.244	4.369	217735	56823	273.770	185.507 #
9)	L2 AR-1221-2	5.345	4.471	174328	66241	318.463	284.760
10)	L2 AR-1221-3	5.433	4.561	785700	290619	476.480	417.334
11)	L3 AR-1232-1	5.433	4.561	785700	290619	500.284	456.753
12)	L3 AR-1232-2	6.026	5.403	1061176	774272	1261.475	1231.094
13)	L3 AR-1232-3	6.347	5.599	2098512	413228	1290.979	1320.375
14)	L3 AR-1232-4	6.521	5.695	1053752	405486	1417.618	1408.984
15)	L3 AR-1232-5	6.618	5.883	812351	415903	1557.105	1369.775
16)	L4 AR-1242-1	6.323	5.383	1515693	565847	777.005	709.001
17)	L4 AR-1242-2	6.347	5.403	2098512	774272	778.303	712.795
18)	L4 AR-1242-3	6.413	5.599	1292776	413228	774.934	721.277
19)	L4 AR-1242-4	6.521	5.695	1053752	405486	783.554	730.024
20)	L4 AR-1242-5	7.308	6.267	134426	336113	91.793	482.353 #
21)	L5 AR-1248-1	6.323	5.383	1515693	565847	1001.557	899.916
22)	L5 AR-1248-2	6.618	5.650	812351	334734	400.483	386.077
23)	L5 AR-1248-3	6.837	5.695	996799	405486	421.190	453.957
24)	L5 AR-1248-4	7.268	5.883	152534	415903	56.090	407.040 #
25)	L5 AR-1248-5	7.308	6.311	134426	51522	50.975	49.698
26)	L6 AR-1254-1	7.237	6.267	719267	336113	277.462	229.105
27)	L6 AR-1254-2	7.467	6.427	778251	315840	198.328	244.494
28)	L6 AR-1254-3	7.851	6.872	446985	541073	109.516	268.345 #
29)	L6 AR-1254-4	8.146	7.097	256573	65637	85.939	50.436 #
30)	L6 AR-1254-5	8.577	7.532	2318706	1000800	749.419	570.441
31)	L7 AR-1260-1	8.017	6.993	2799105	751310	979.552	560.563 #
32)	L7 AR-1260-2	8.285	7.192	1895351	892673	570.336	537.106
33)	L7 AR-1260-3	8.652	7.350	1179349	810428	471.370	530.134
34)	L7 AR-1260-4	8.883	7.839	1439456	586785	497.608	468.541
35)	L7 AR-1260-5	9.217	8.088	2532762	1310087	444.639	452.827
36)	L8 AR-1262-1	8.652	7.532	1179349	1000800	308.423	997.052 #
37)	L8 AR-1262-2	9.217	8.088	2532762	1310087	374.395	410.300
38)	L8 AR-1262-3	9.558f	8.378	1662611	258989	555.569	196.864 #
39)	L8 AR-1262-4	9.612f	8.442	888054	934115	504.986	395.812
40)	L8 AR-1262-5	10.318	8.950	631109	278646	254.371	250.313
41)	L9 AR-1268-1	9.558f	8.378	1662611	258989	208.223	69.336 #

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 Operator : DD\AJ
 Sample : M3407-26MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

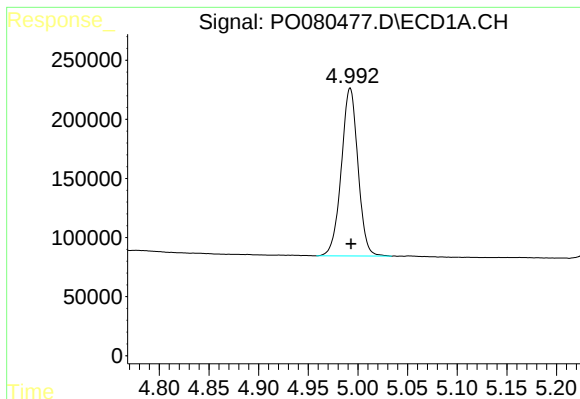
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 01:53:50 2021
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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	9.612f	8.442	888054	934115	122.178	279.670 #
43) L9	AR-1268-3	9.865	8.654	58197	27581	9.513	9.688
44) L9	AR-1268-4	10.318	8.950	631109	278646	226.242	226.832
45) L9	AR-1268-5	10.745	9.247	258121	100168	12.846	11.766

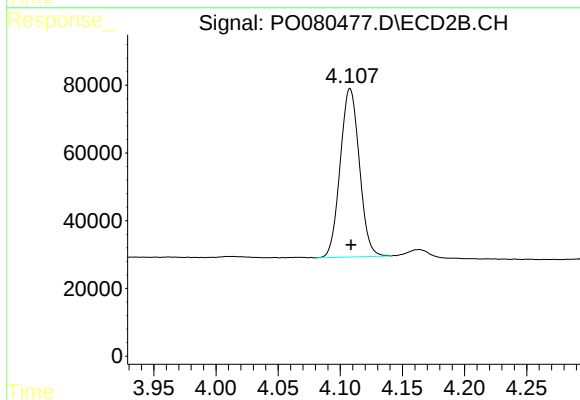
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

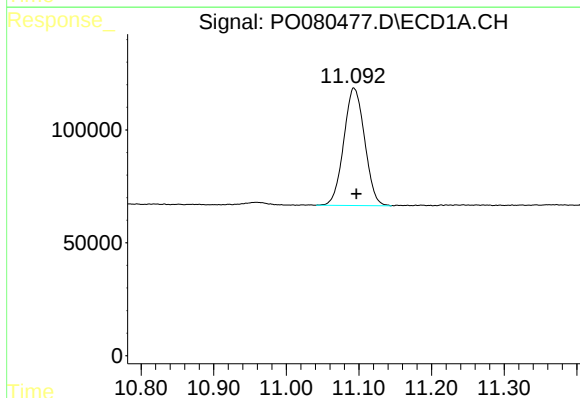
R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 1655471
Conc: 23.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



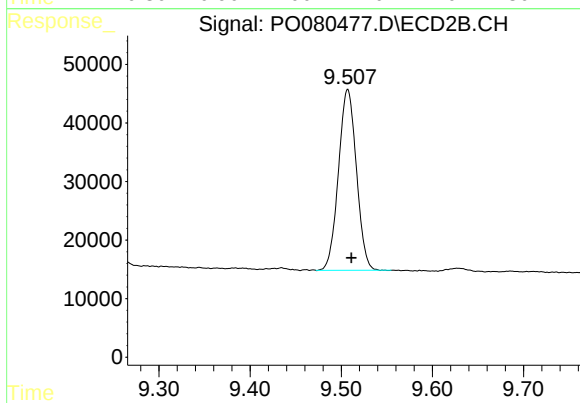
#1 Tetrachloro-m-xylene

R.T.: 4.108 min
Delta R.T.: 0.000 min
Response: 533427
Conc: 21.40 ng/ml



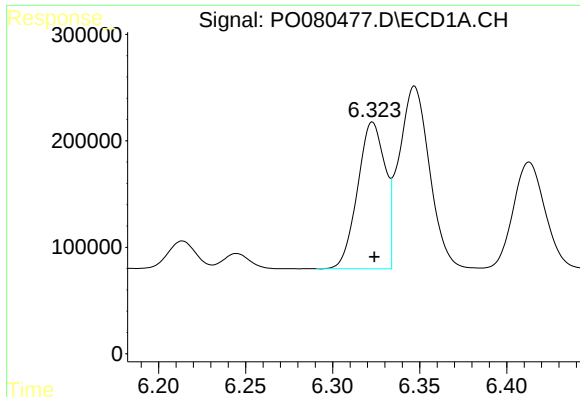
#2 Decachlorobiphenyl

R.T.: 11.093 min
Delta R.T.: -0.003 min
Response: 1036889
Conc: 20.03 ng/ml



#2 Decachlorobiphenyl

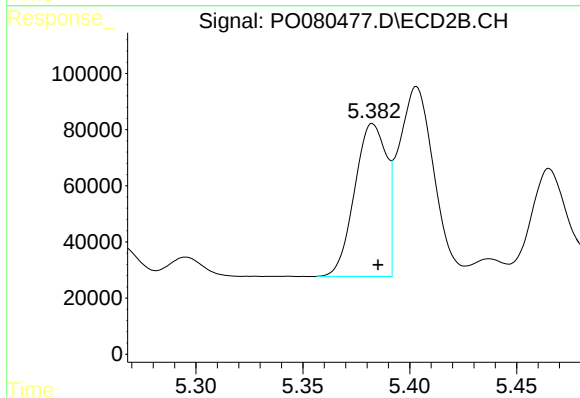
R.T.: 9.507 min
Delta R.T.: -0.004 min
Response: 422396
Conc: 18.62 ng/ml



#3 AR-1016-1

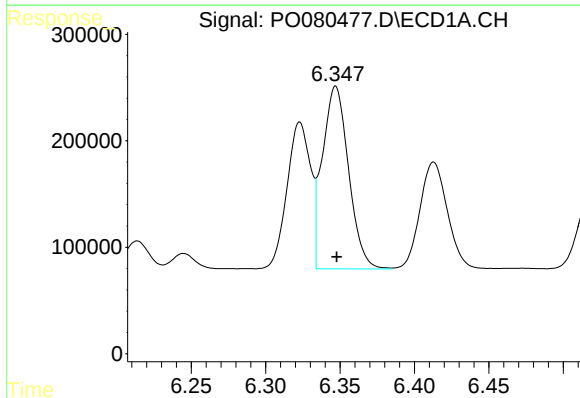
R.T.: 6.323 min
Delta R.T.: -0.001 min
Response: 1515693
Conc: 591.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



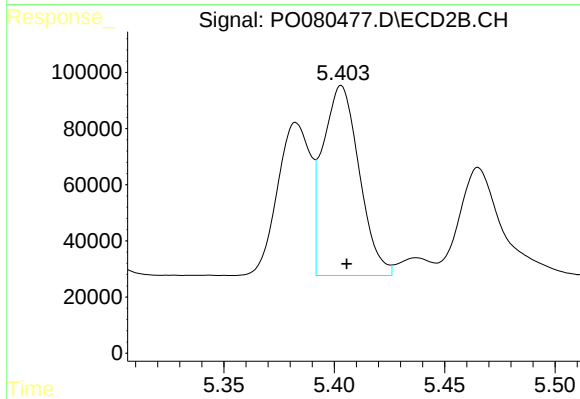
#3 AR-1016-1

R.T.: 5.383 min
Delta R.T.: -0.003 min
Response: 565847
Conc: 549.97 ng/ml



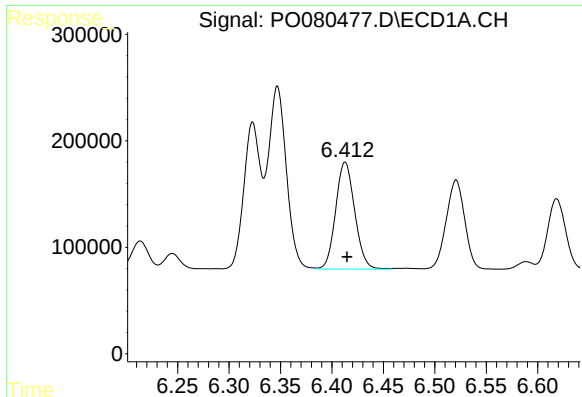
#4 AR-1016-2

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 2098512
Conc: 592.95 ng/ml



#4 AR-1016-2

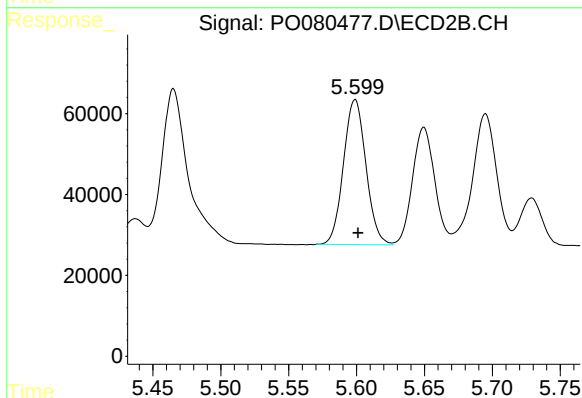
R.T.: 5.403 min
Delta R.T.: -0.002 min
Response: 774272
Conc: 554.76 ng/ml



#5 AR-1016-3

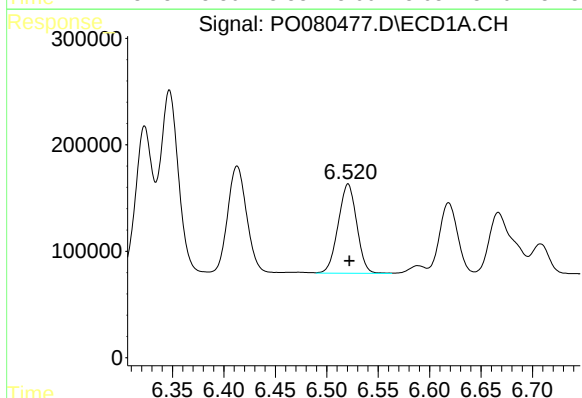
R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 1292776
Conc: 599.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



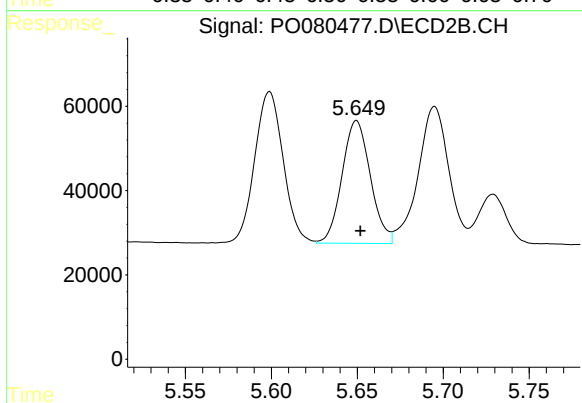
#5 AR-1016-3

R.T.: 5.599 min
Delta R.T.: -0.002 min
Response: 413228
Conc: 555.21 ng/ml



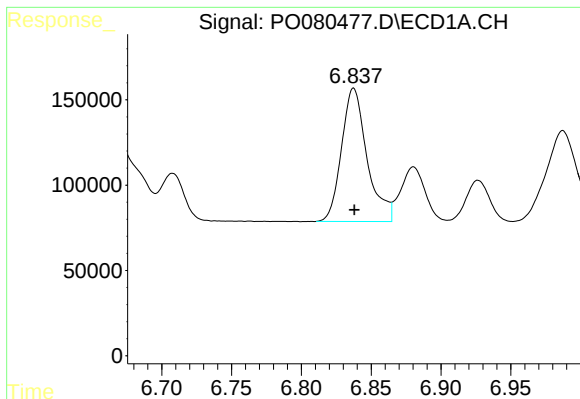
#6 AR-1016-4

R.T.: 6.521 min
Delta R.T.: -0.001 min
Response: 1053752
Conc: 594.43 ng/ml



#6 AR-1016-4

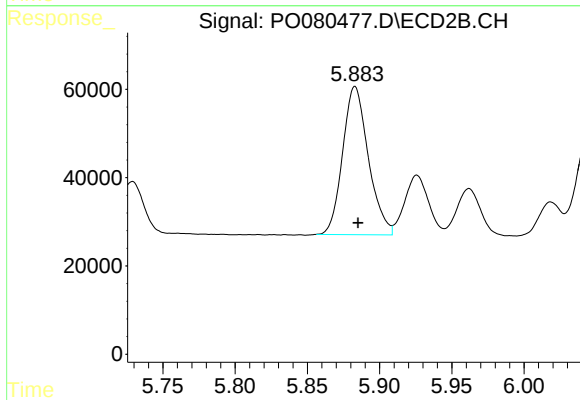
R.T.: 5.650 min
Delta R.T.: -0.002 min
Response: 334734
Conc: 542.86 ng/ml



#7 AR-1016-5

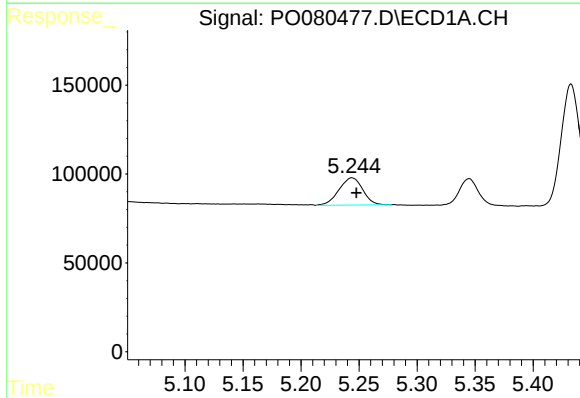
R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 996799
Conc: 579.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



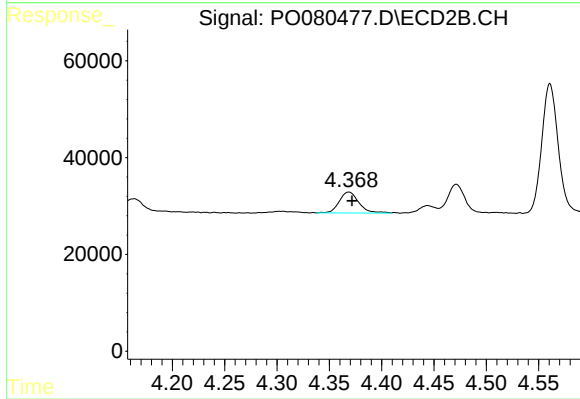
#7 AR-1016-5

R.T.: 5.883 min
Delta R.T.: -0.002 min
Response: 415903
Conc: 557.94 ng/ml



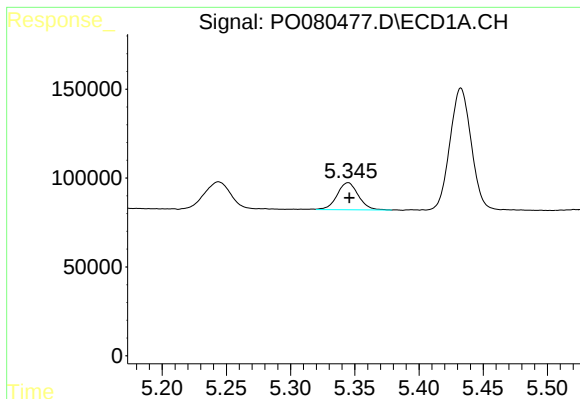
#8 AR-1221-1

R.T.: 5.244 min
Delta R.T.: -0.004 min
Response: 217735
Conc: 273.77 ng/ml



#8 AR-1221-1

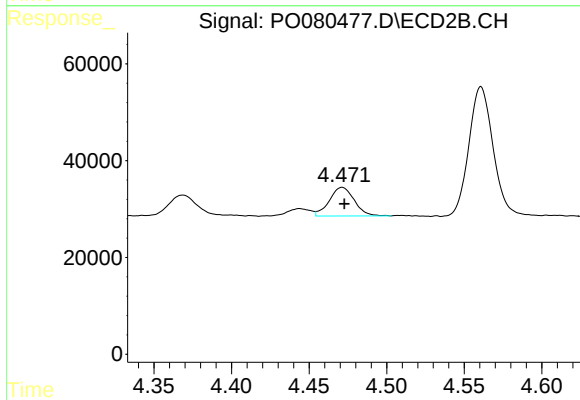
R.T.: 4.369 min
Delta R.T.: -0.003 min
Response: 56823
Conc: 185.51 ng/ml



#9 AR-1221-2

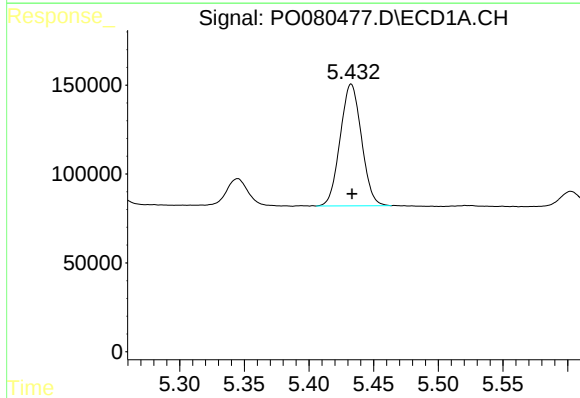
R.T.: 5.345 min
Delta R.T.: 0.000 min
Response: 174328
Conc: 318.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



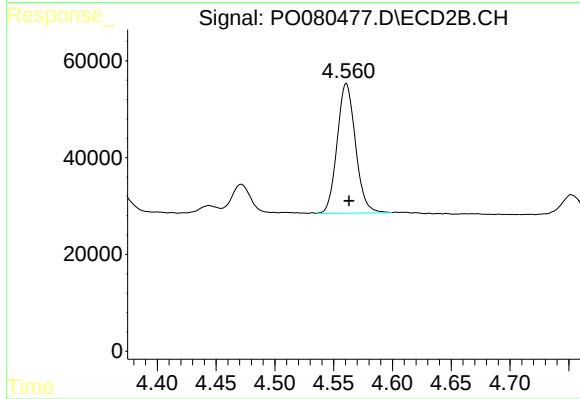
#9 AR-1221-2

R.T.: 4.471 min
Delta R.T.: -0.001 min
Response: 66241
Conc: 284.76 ng/ml



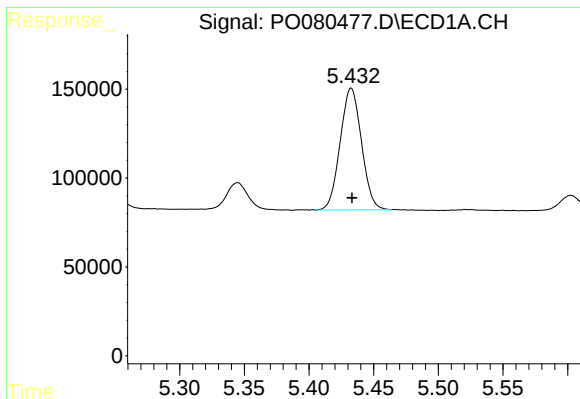
#10 AR-1221-3

R.T.: 5.433 min
Delta R.T.: 0.000 min
Response: 785700
Conc: 476.48 ng/ml



#10 AR-1221-3

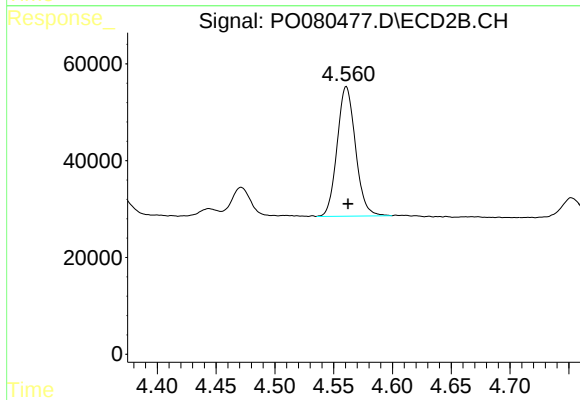
R.T.: 4.561 min
Delta R.T.: -0.002 min
Response: 290619
Conc: 417.33 ng/ml



#11 AR-1232-1

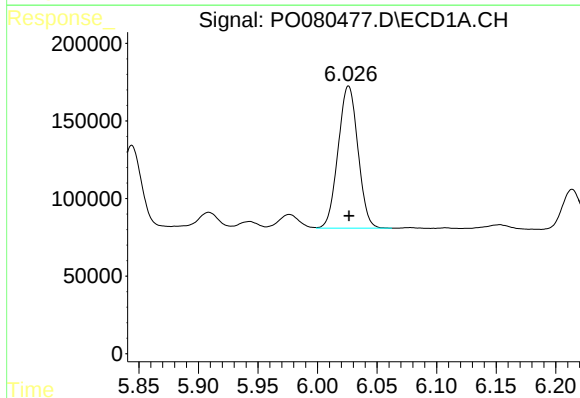
R.T.: 5.433 min
Delta R.T.: 0.000 min
Response: 785700
Conc: 500.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



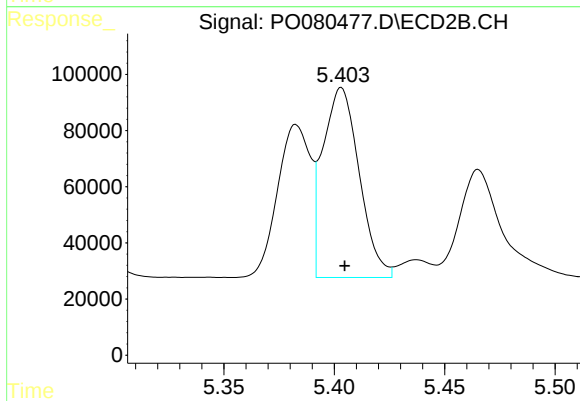
#11 AR-1232-1

R.T.: 4.561 min
Delta R.T.: -0.001 min
Response: 290619
Conc: 456.75 ng/ml



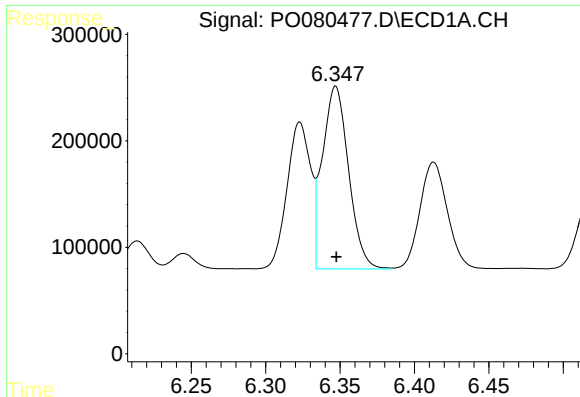
#12 AR-1232-2

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 1061176
Conc: 1261.48 ng/ml



#12 AR-1232-2

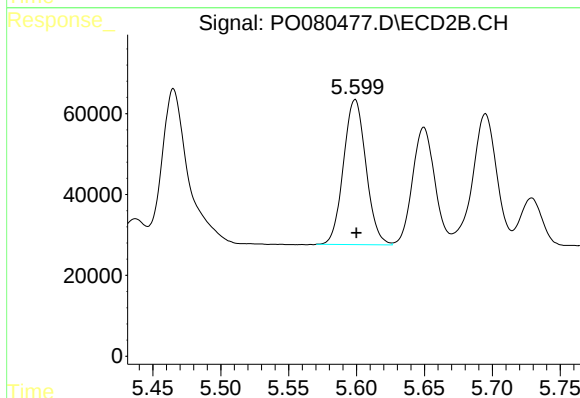
R.T.: 5.403 min
Delta R.T.: -0.001 min
Response: 774272
Conc: 1231.09 ng/ml



#13 AR-1232-3

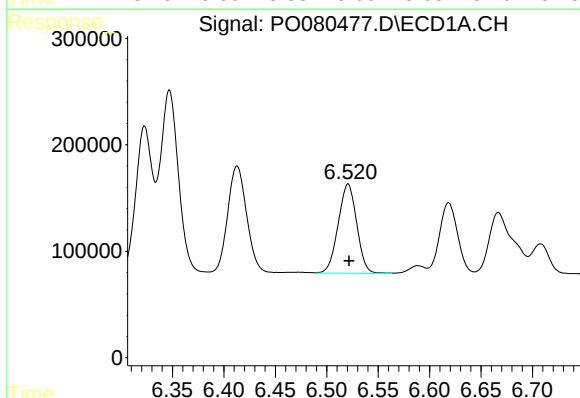
R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 2098512
Conc: 1290.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



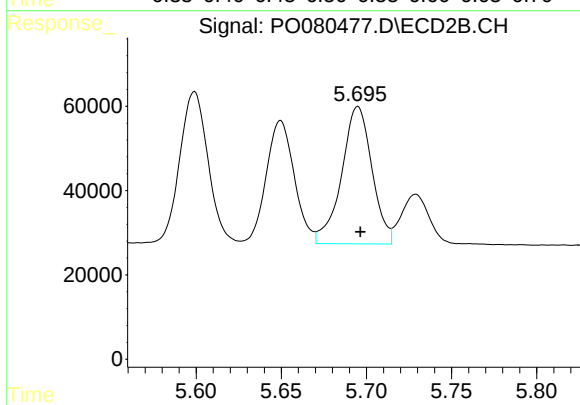
#13 AR-1232-3

R.T.: 5.599 min
Delta R.T.: 0.000 min
Response: 413228
Conc: 1320.38 ng/ml



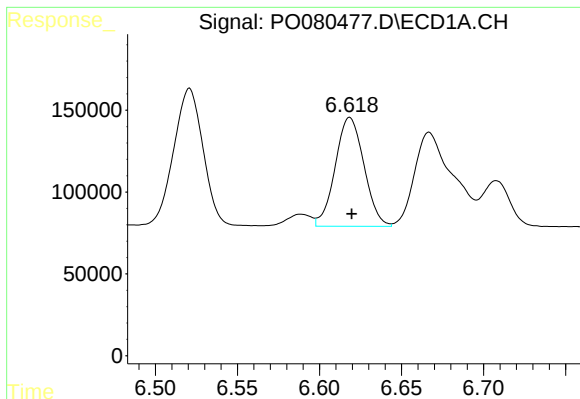
#14 AR-1232-4

R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 1053752
Conc: 1417.62 ng/ml



#14 AR-1232-4

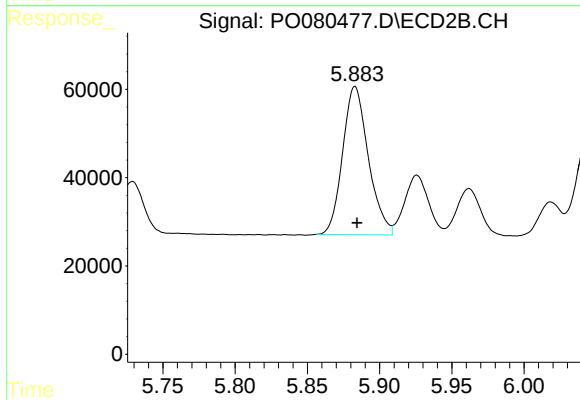
R.T.: 5.695 min
Delta R.T.: -0.001 min
Response: 405486
Conc: 1408.98 ng/ml



#15 AR-1232-5

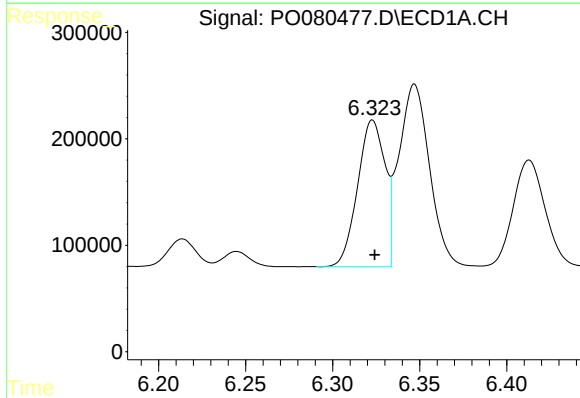
R.T.: 6.618 min
Delta R.T.: -0.001 min
Response: 812351
Conc: 1557.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



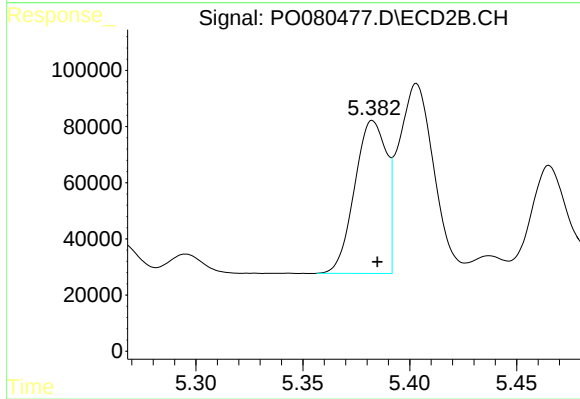
#15 AR-1232-5

R.T.: 5.883 min
Delta R.T.: -0.001 min
Response: 415903
Conc: 1369.78 ng/ml



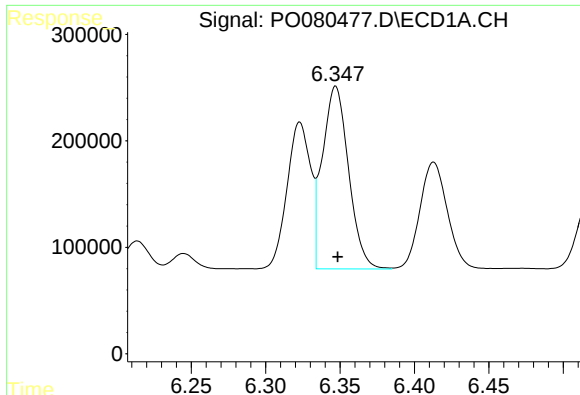
#16 AR-1242-1

R.T.: 6.323 min
Delta R.T.: -0.001 min
Response: 1515693
Conc: 777.00 ng/ml



#16 AR-1242-1

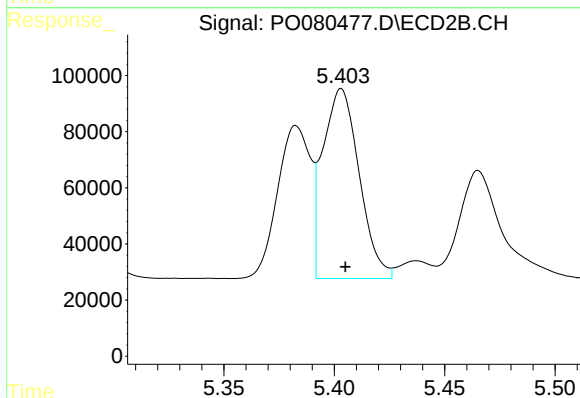
R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 565847
Conc: 709.00 ng/ml



#17 AR-1242-2

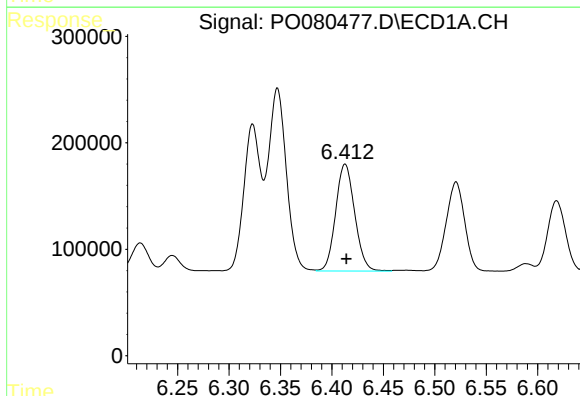
R.T.: 6.347 min
Delta R.T.: -0.001 min
Response: 2098512
Conc: 778.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



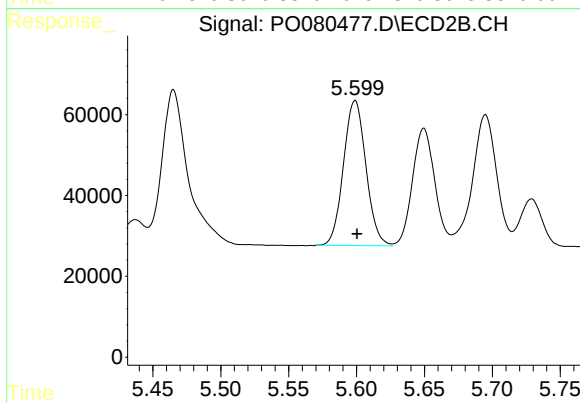
#17 AR-1242-2

R.T.: 5.403 min
Delta R.T.: -0.002 min
Response: 774272
Conc: 712.79 ng/ml



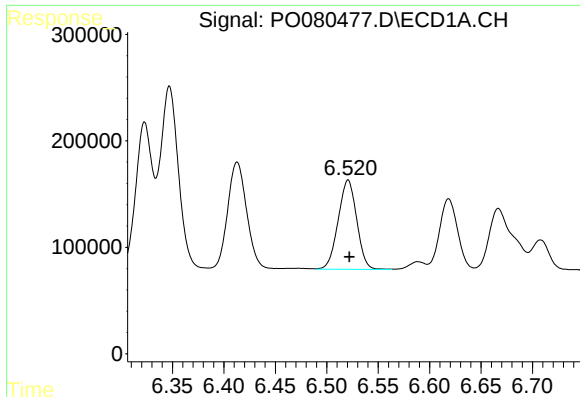
#18 AR-1242-3

R.T.: 6.413 min
Delta R.T.: -0.001 min
Response: 1292776
Conc: 774.93 ng/ml



#18 AR-1242-3

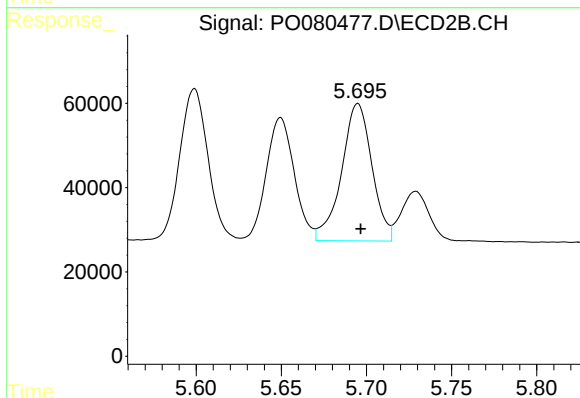
R.T.: 5.599 min
Delta R.T.: -0.001 min
Response: 413228
Conc: 721.28 ng/ml



#19 AR-1242-4

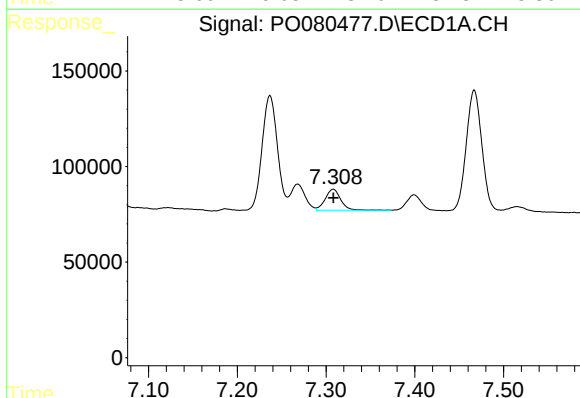
R.T.: 6.521 min
Delta R.T.: -0.001 min
Response: 1053752
Conc: 783.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



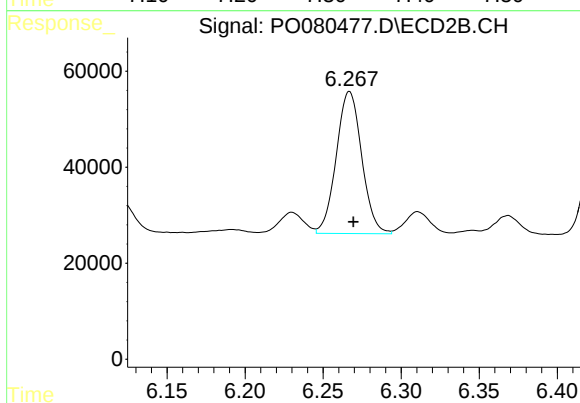
#19 AR-1242-4

R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 405486
Conc: 730.02 ng/ml



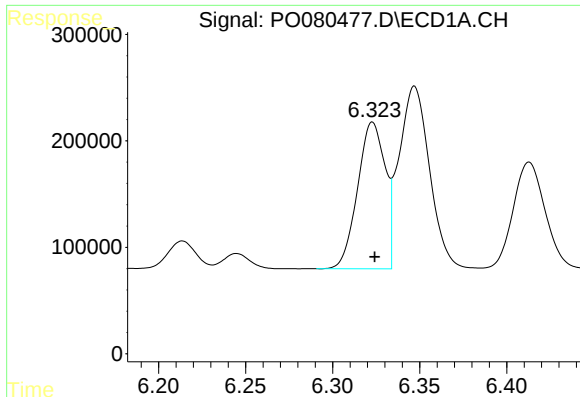
#20 AR-1242-5

R.T.: 7.308 min
Delta R.T.: 0.000 min
Response: 134426
Conc: 91.79 ng/ml



#20 AR-1242-5

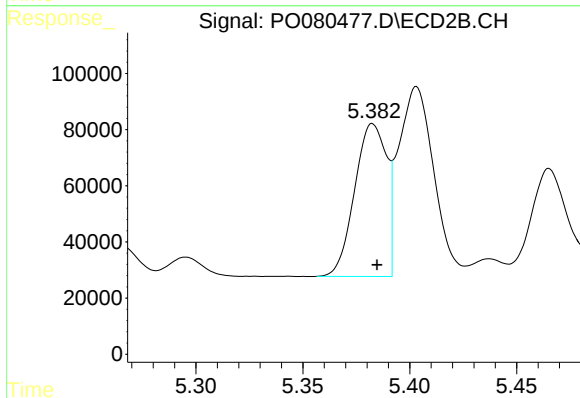
R.T.: 6.267 min
Delta R.T.: -0.003 min
Response: 336113
Conc: 482.35 ng/ml



#21 AR-1248-1

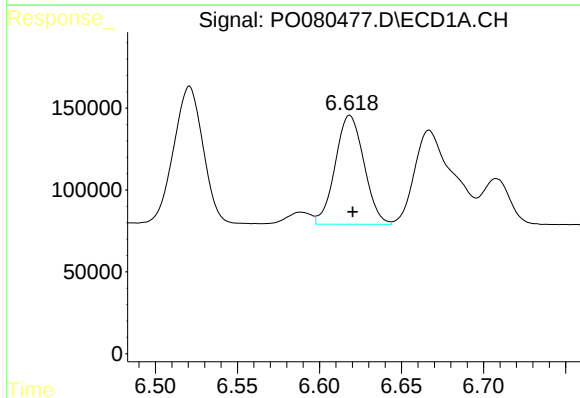
R.T.: 6.323 min
Delta R.T.: -0.001 min
Response: 1515693
Conc: 1001.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



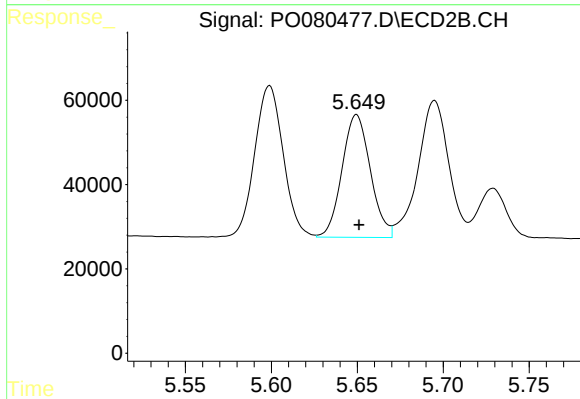
#21 AR-1248-1

R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 565847
Conc: 899.92 ng/ml



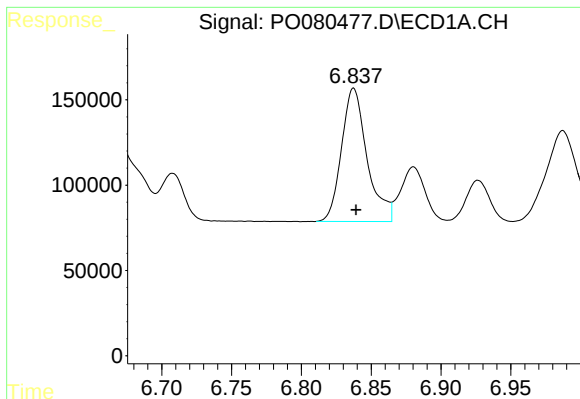
#22 AR-1248-2

R.T.: 6.618 min
Delta R.T.: -0.002 min
Response: 812351
Conc: 400.48 ng/ml



#22 AR-1248-2

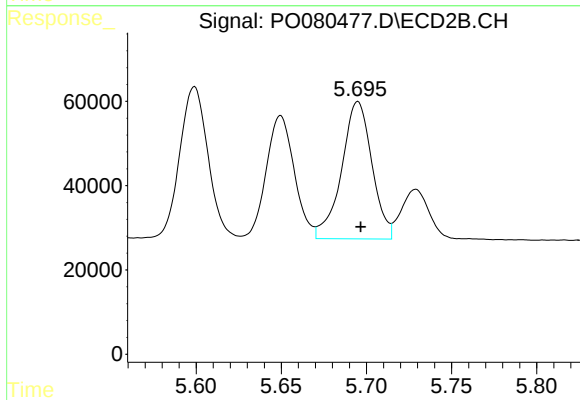
R.T.: 5.650 min
Delta R.T.: -0.001 min
Response: 334734
Conc: 386.08 ng/ml



#23 AR-1248-3

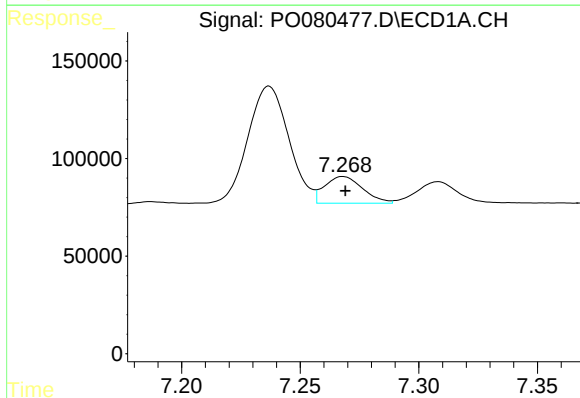
R.T.: 6.837 min
Delta R.T.: -0.002 min
Response: 996799
Conc: 421.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



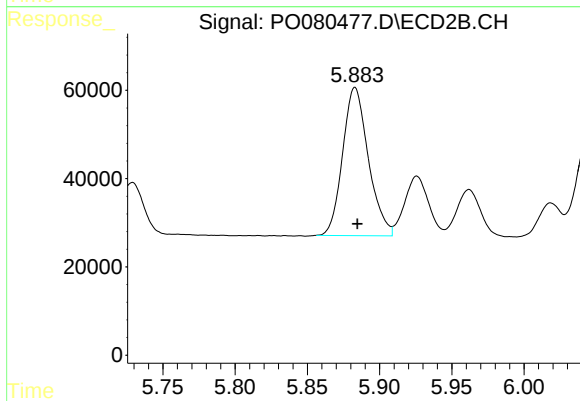
#23 AR-1248-3

R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 405486
Conc: 453.96 ng/ml



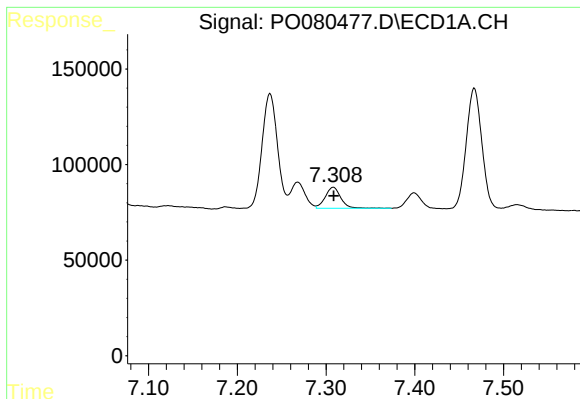
#24 AR-1248-4

R.T.: 7.268 min
Delta R.T.: -0.001 min
Response: 152534
Conc: 56.09 ng/ml



#24 AR-1248-4

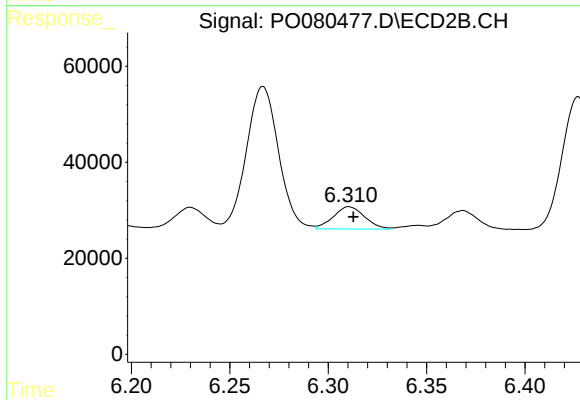
R.T.: 5.883 min
Delta R.T.: -0.002 min
Response: 415903
Conc: 407.04 ng/ml



#25 AR-1248-5

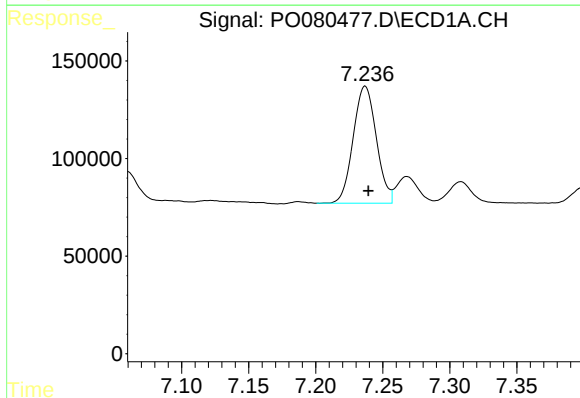
R.T.: 7.308 min
Delta R.T.: 0.000 min
Response: 134426
Conc: 50.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



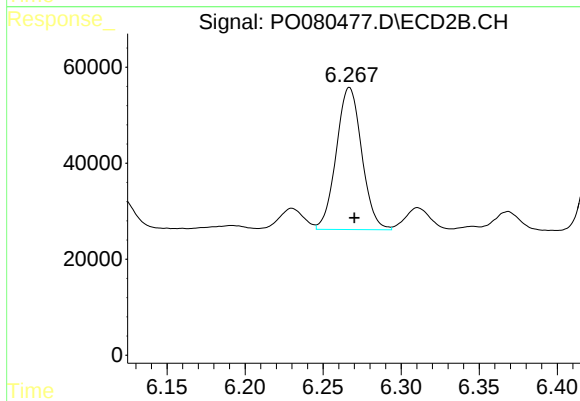
#25 AR-1248-5

R.T.: 6.311 min
Delta R.T.: -0.002 min
Response: 51522
Conc: 49.70 ng/ml



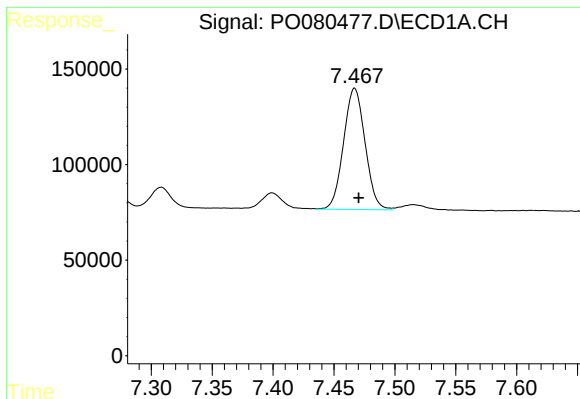
#26 AR-1254-1

R.T.: 7.237 min
Delta R.T.: -0.002 min
Response: 719267
Conc: 277.46 ng/ml



#26 AR-1254-1

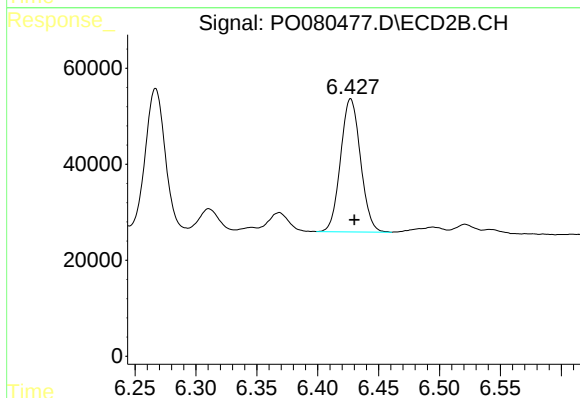
R.T.: 6.267 min
Delta R.T.: -0.003 min
Response: 336113
Conc: 229.10 ng/ml



#27 AR-1254-2

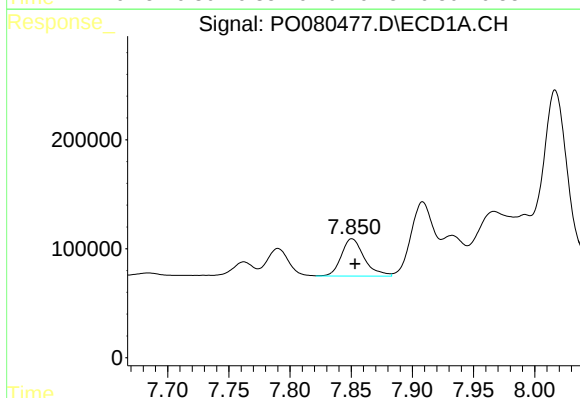
R.T.: 7.467 min
Delta R.T.: -0.003 min
Response: 778251
Conc: 198.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



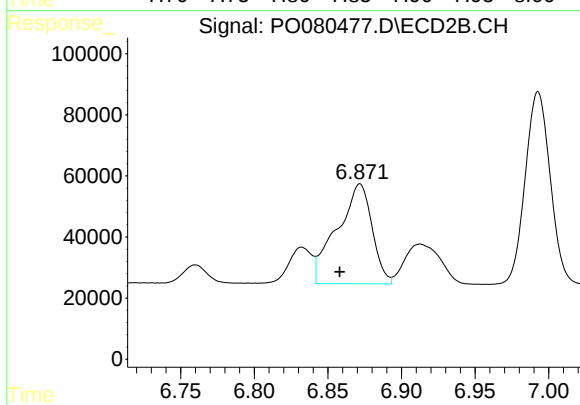
#27 AR-1254-2

R.T.: 6.427 min
Delta R.T.: -0.003 min
Response: 315840
Conc: 244.49 ng/ml



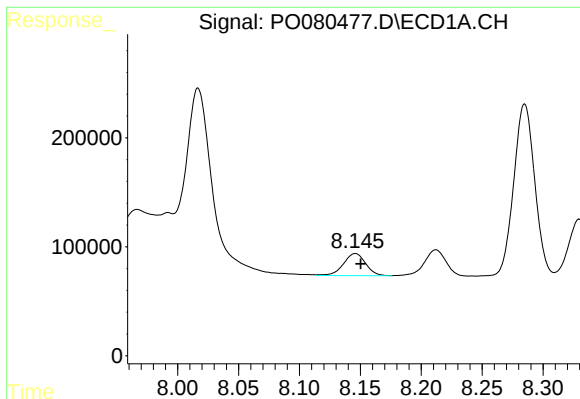
#28 AR-1254-3

R.T.: 7.851 min
Delta R.T.: -0.002 min
Response: 446985
Conc: 109.52 ng/ml



#28 AR-1254-3

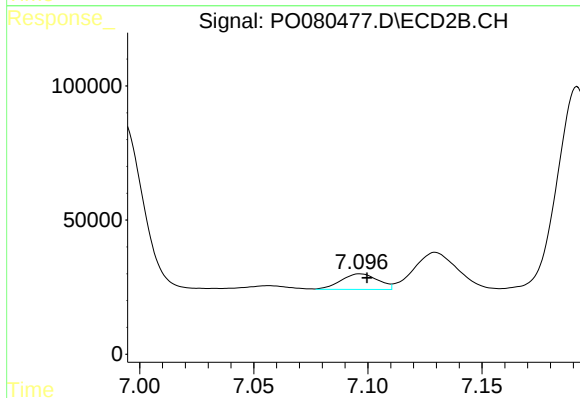
R.T.: 6.872 min
Delta R.T.: 0.014 min
Response: 541073
Conc: 268.35 ng/ml



#29 AR-1254-4

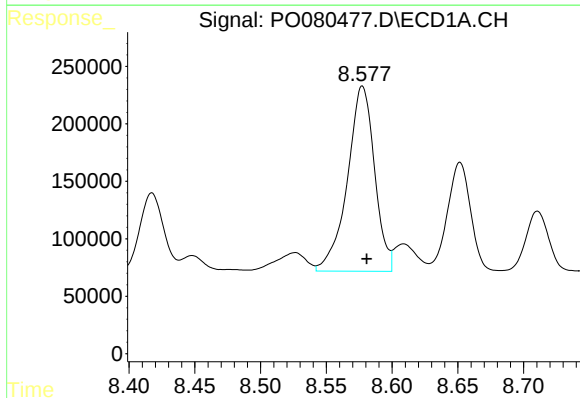
R.T.: 8.146 min
Delta R.T.: -0.004 min
Response: 256573
Conc: 85.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



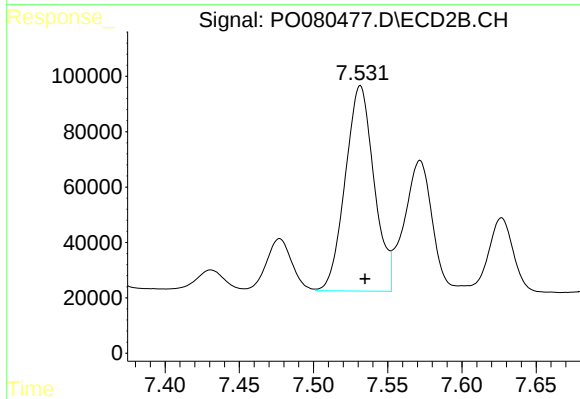
#29 AR-1254-4

R.T.: 7.097 min
Delta R.T.: -0.003 min
Response: 65637
Conc: 50.44 ng/ml



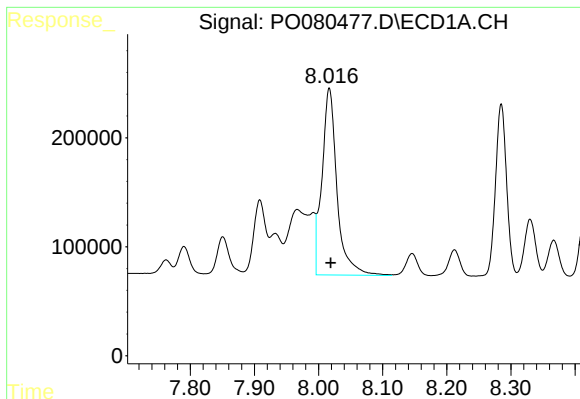
#30 AR-1254-5

R.T.: 8.577 min
Delta R.T.: -0.003 min
Response: 2318706
Conc: 749.42 ng/ml



#30 AR-1254-5

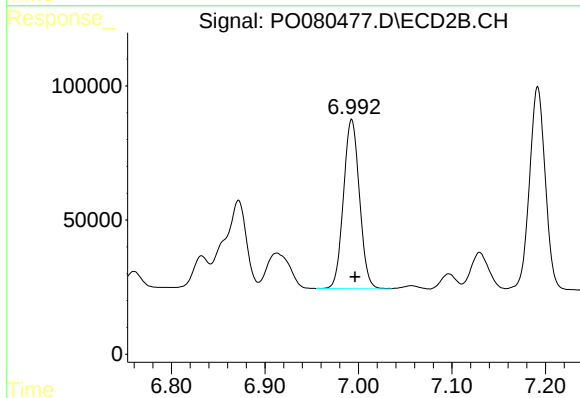
R.T.: 7.532 min
Delta R.T.: -0.003 min
Response: 1000800
Conc: 570.44 ng/ml



#31 AR-1260-1

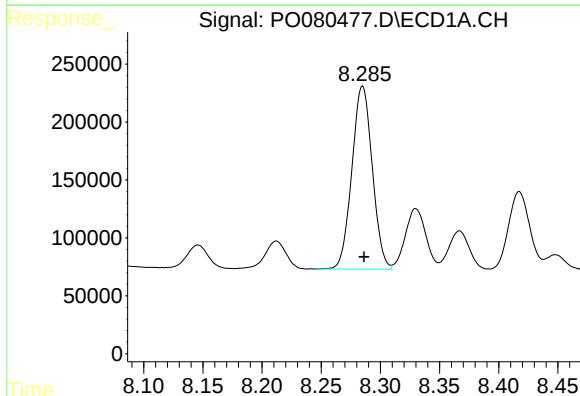
R.T.: 8.017 min
Delta R.T.: -0.003 min
Response: 2799105
Conc: 979.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



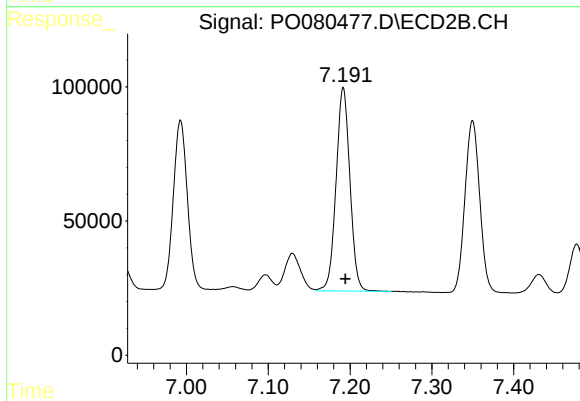
#31 AR-1260-1

R.T.: 6.993 min
Delta R.T.: -0.004 min
Response: 751310
Conc: 560.56 ng/ml



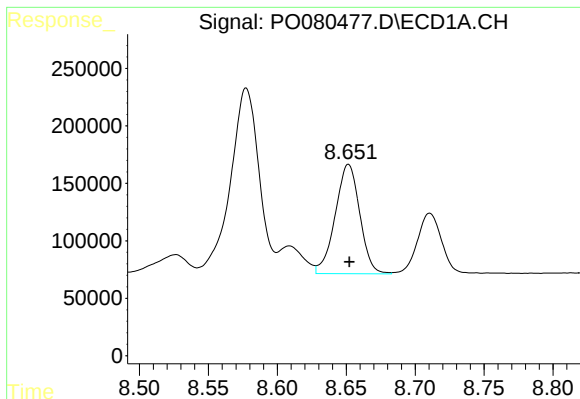
#32 AR-1260-2

R.T.: 8.285 min
Delta R.T.: -0.001 min
Response: 1895351
Conc: 570.34 ng/ml



#32 AR-1260-2

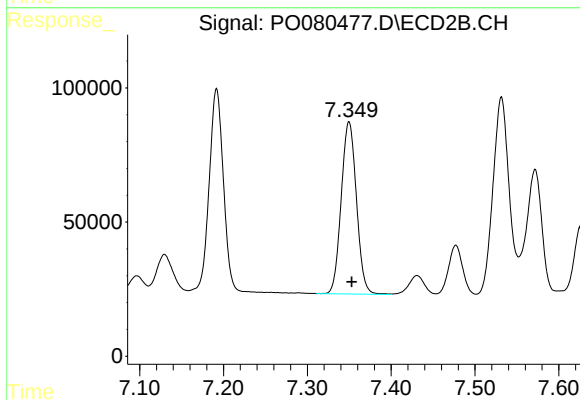
R.T.: 7.192 min
Delta R.T.: -0.003 min
Response: 892673
Conc: 537.11 ng/ml



#33 AR-1260-3

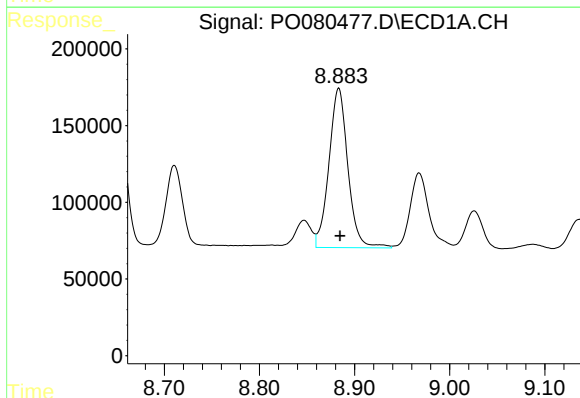
R.T.: 8.652 min
Delta R.T.: 0.000 min
Response: 1179349
Conc: 471.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



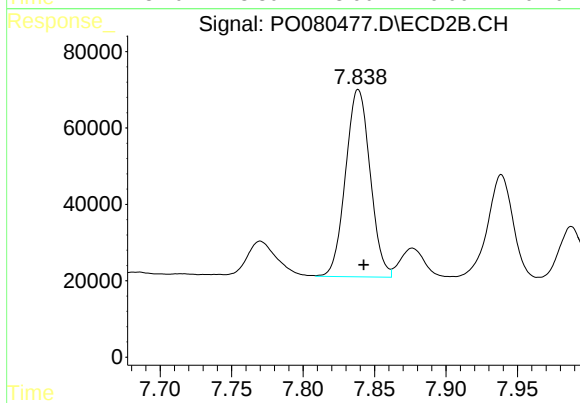
#33 AR-1260-3

R.T.: 7.350 min
Delta R.T.: -0.003 min
Response: 810428
Conc: 530.13 ng/ml



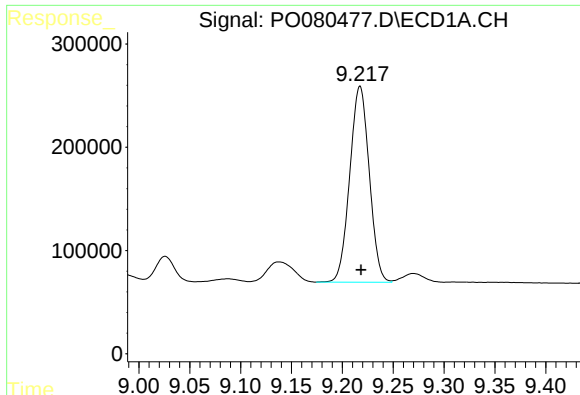
#34 AR-1260-4

R.T.: 8.883 min
Delta R.T.: -0.002 min
Response: 1439456
Conc: 497.61 ng/ml



#34 AR-1260-4

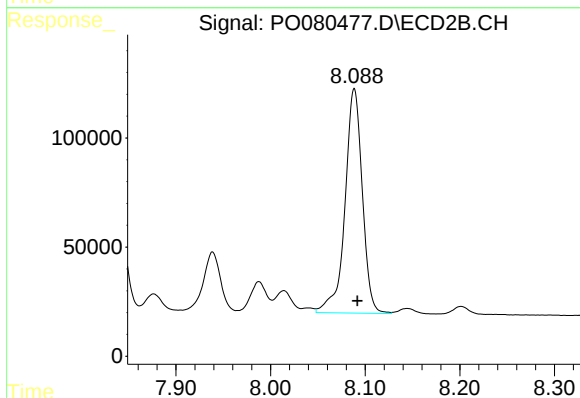
R.T.: 7.839 min
Delta R.T.: -0.004 min
Response: 586785
Conc: 468.54 ng/ml



#35 AR-1260-5

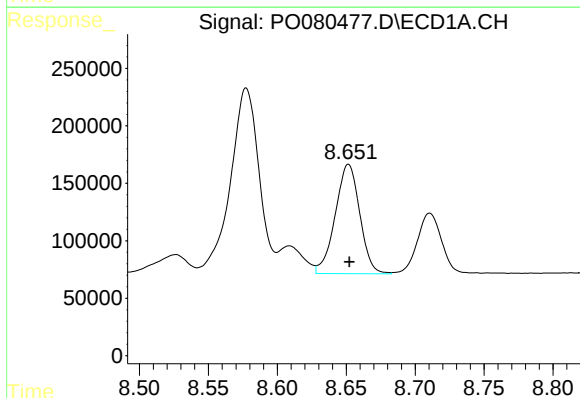
R.T.: 9.217 min
Delta R.T.: -0.001 min
Response: 2532762
Conc: 444.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



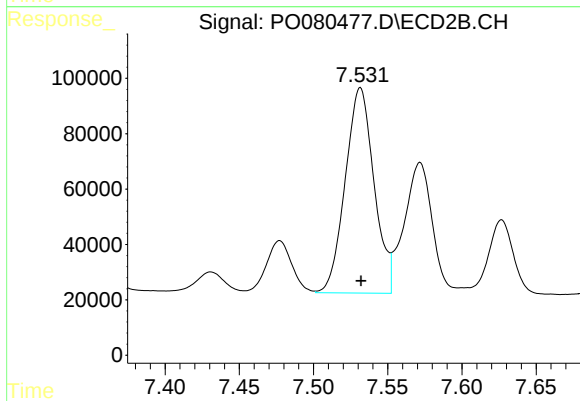
#35 AR-1260-5

R.T.: 8.088 min
Delta R.T.: -0.003 min
Response: 1310087
Conc: 452.83 ng/ml



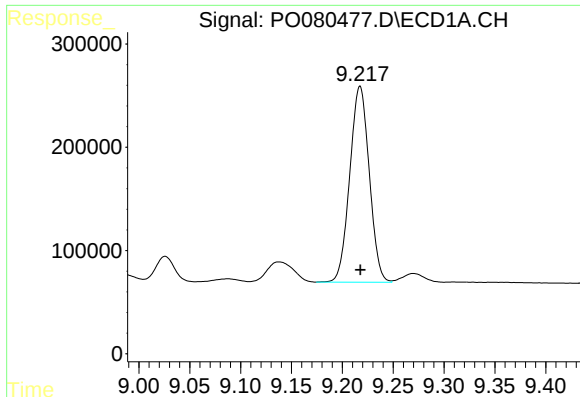
#36 AR-1262-1

R.T.: 8.652 min
Delta R.T.: 0.000 min
Response: 1179349
Conc: 308.42 ng/ml



#36 AR-1262-1

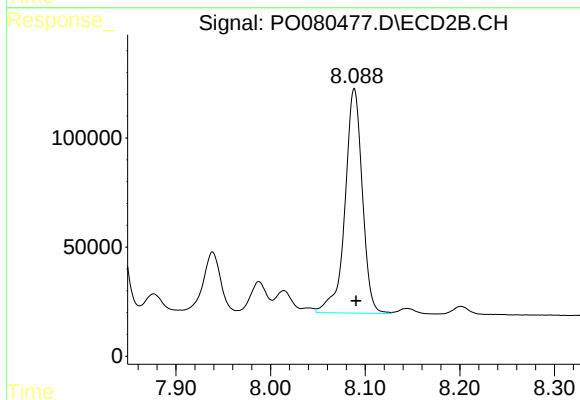
R.T.: 7.532 min
Delta R.T.: 0.000 min
Response: 1000800
Conc: 997.05 ng/ml



#37 AR-1262-2

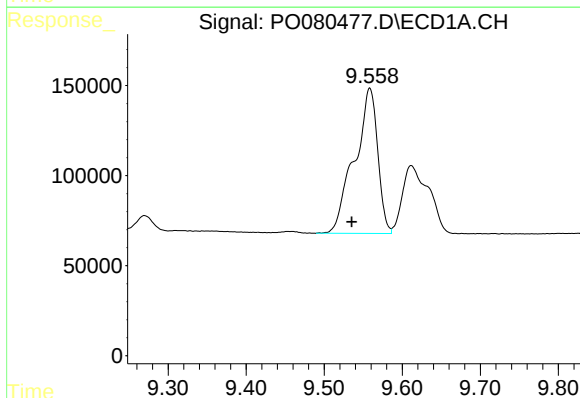
R.T.: 9.217 min
Delta R.T.: 0.000 min
Response: 2532762
Conc: 374.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



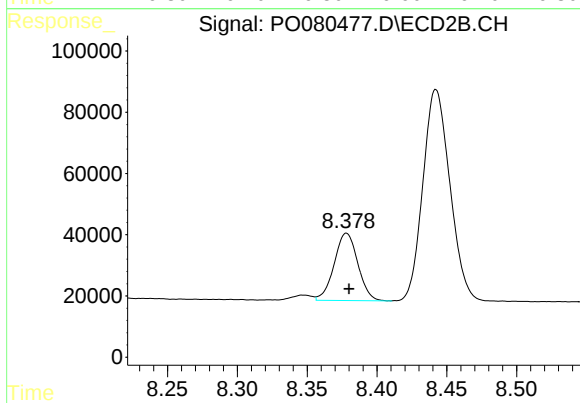
#37 AR-1262-2

R.T.: 8.088 min
Delta R.T.: -0.002 min
Response: 1310087
Conc: 410.30 ng/ml



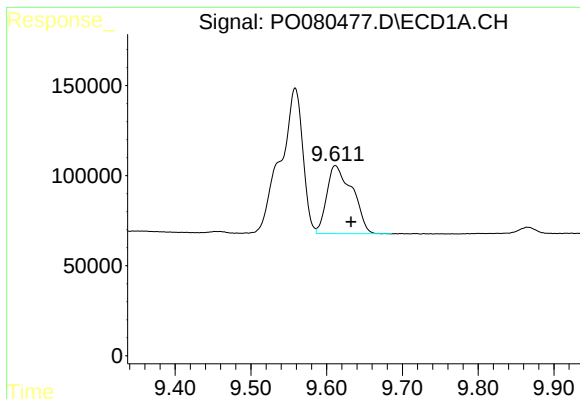
#38 AR-1262-3

R.T.: 9.558 min
Delta R.T.: 0.023 min
Response: 1662611
Conc: 555.57 ng/ml



#38 AR-1262-3

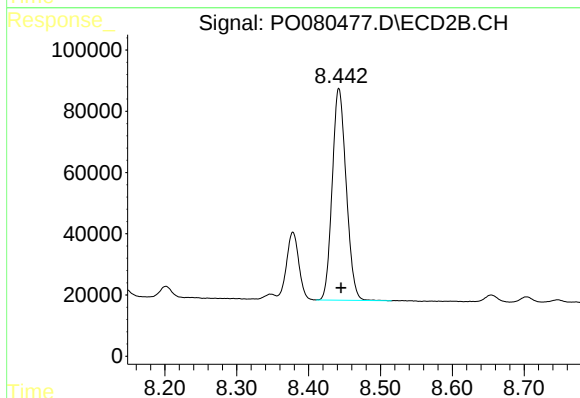
R.T.: 8.378 min
Delta R.T.: -0.002 min
Response: 258989
Conc: 196.86 ng/ml



#39 AR-1262-4

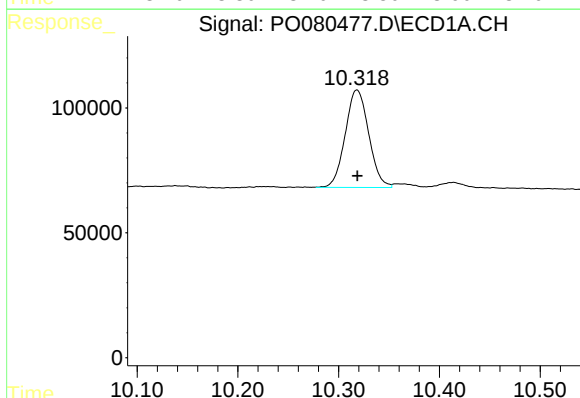
R.T.: 9.612 min
Delta R.T.: -0.021 min
Response: 888054
Conc: 504.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



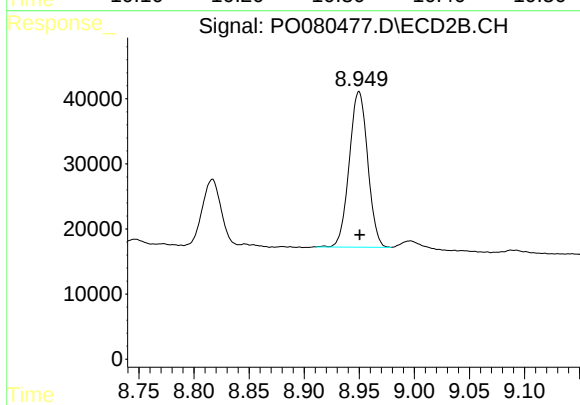
#39 AR-1262-4

R.T.: 8.442 min
Delta R.T.: -0.003 min
Response: 934115
Conc: 395.81 ng/ml



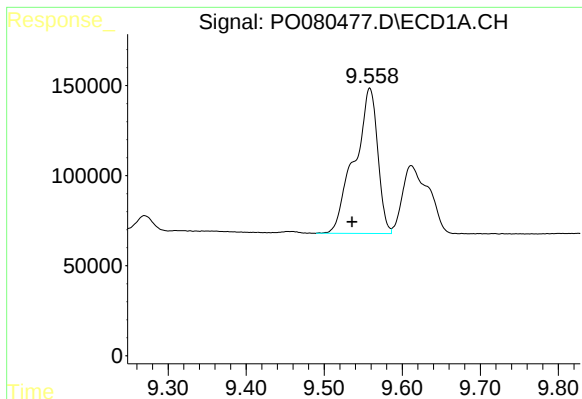
#40 AR-1262-5

R.T.: 10.318 min
Delta R.T.: 0.000 min
Response: 631109
Conc: 254.37 ng/ml



#40 AR-1262-5

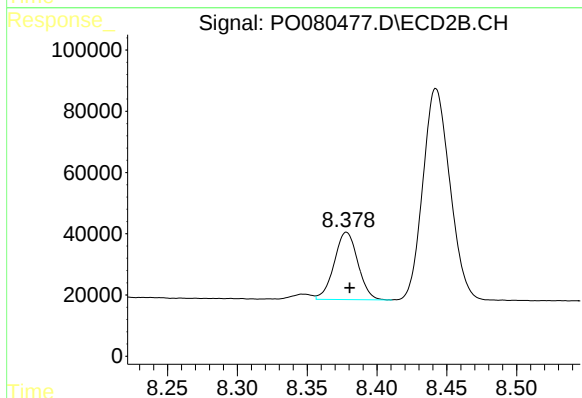
R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 278646
Conc: 250.31 ng/ml



#41 AR-1268-1

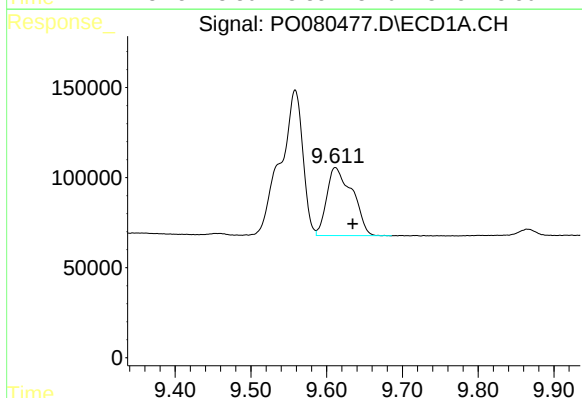
R.T.: 9.558 min
Delta R.T.: 0.023 min
Response: 1662611
Conc: 208.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



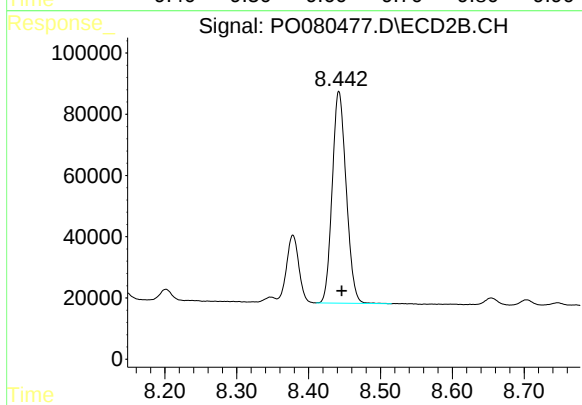
#41 AR-1268-1

R.T.: 8.378 min
Delta R.T.: -0.002 min
Response: 258989
Conc: 69.34 ng/ml



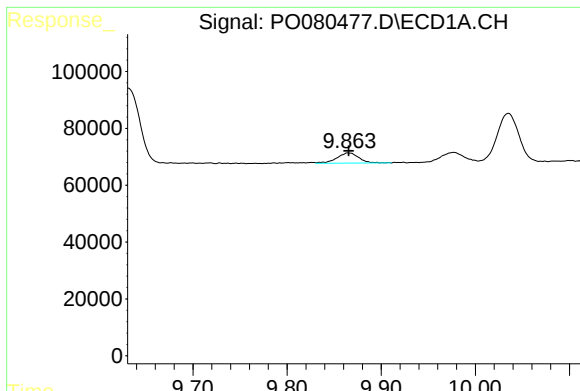
#42 AR-1268-2

R.T.: 9.612 min
Delta R.T.: -0.023 min
Response: 888054
Conc: 122.18 ng/ml



#42 AR-1268-2

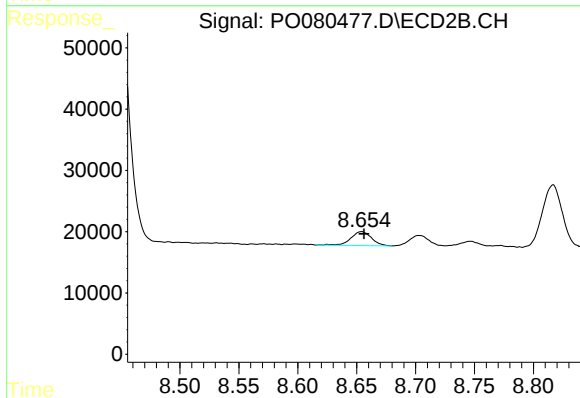
R.T.: 8.442 min
Delta R.T.: -0.004 min
Response: 934115
Conc: 279.67 ng/ml



#43 AR-1268-3

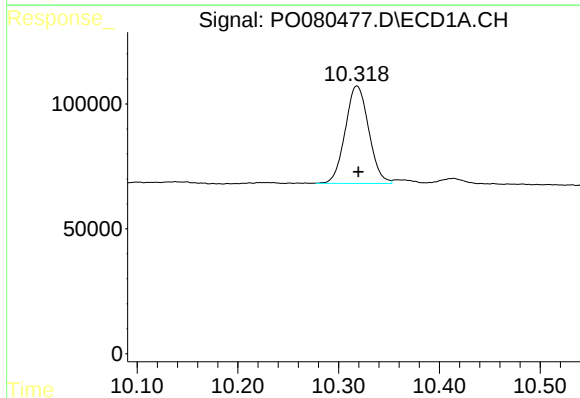
R.T.: 9.865 min
Delta R.T.: 0.000 min
Response: 58197
Conc: 9.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



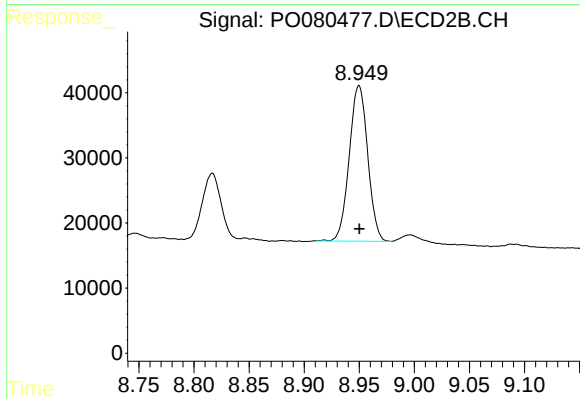
#43 AR-1268-3

R.T.: 8.654 min
Delta R.T.: -0.002 min
Response: 27581
Conc: 9.69 ng/ml



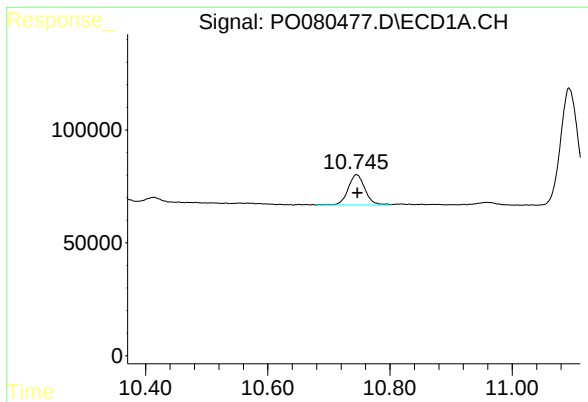
#44 AR-1268-4

R.T.: 10.318 min
Delta R.T.: -0.002 min
Response: 631109
Conc: 226.24 ng/ml



#44 AR-1268-4

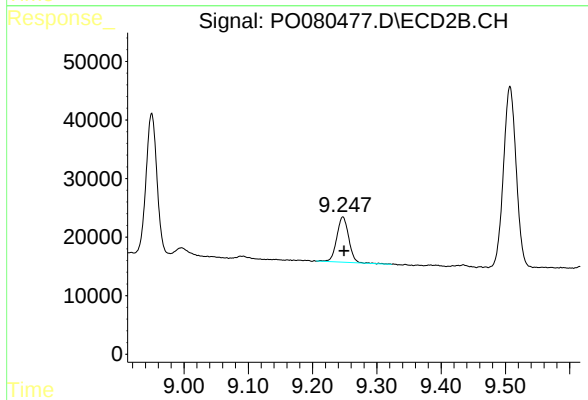
R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 278646
Conc: 226.83 ng/ml



#45 AR-1268-5

R.T.: 10.745 min
Delta R.T.: -0.002 min
Response: 258121
Conc: 12.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.247 min
Delta R.T.: -0.002 min
Response: 100168
Conc: 11.77 ng/ml