

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0092421\  
 Data File : P0081555.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 25 Sep 2021 17:26  
 Operator : AJ\MA  
 Sample : AR1242CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 27 01:33:53 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0092321.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Sep 24 02:21:54 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... | 4.869  | 3.985 | 5176917 | 1442073 | 58.053   | 54.128    |
| 2)                          | SA Decachlor... | 10.882 | 9.331 | 3934696 | 1188223 | 52.823   | 51.166    |
| Target Compounds            |                 |        |       |         |         |          |           |
| 3)                          | L1 AR-1016-1    | 6.196  | 5.253 | 1425641 | 384987  | 440.332  | 427.326   |
| 4)                          | L1 AR-1016-2    | 6.220  | 5.273 | 2021226 | 556276  | 436.050  | 407.354   |
| 5)                          | L1 AR-1016-3    | 6.286  | 5.467 | 1279765 | 297289  | 447.004  | 419.320   |
| 6)                          | L1 AR-1016-4    | 6.394  | 5.519 | 1037035 | 258179  | 450.837  | 416.805   |
| 7)                          | L1 AR-1016-5    | 6.709  | 5.752 | 1124357 | 239244  | 494.071  | 338.865 # |
| 8)                          | L2 AR-1221-1    | 5.116  | 4.245 | 165219  | 36884   | 150.983  | 128.223   |
| 9)                          | L2 AR-1221-2    | 5.222  | 4.346 | 222854  | 53445   | 282.645  | 222.304   |
| 10)                         | L2 AR-1221-3    | 5.309  | 4.435 | 795068  | 229287  | 316.005  | 295.501   |
| 11)                         | L3 AR-1232-1    | 5.309  | 4.435 | 795068  | 229287  | 407.933  | 382.404   |
| 12)                         | L3 AR-1232-2    | 5.900  | 5.273 | 1106861 | 556276  | 1040.517 | 879.071   |
| 13)                         | L3 AR-1232-3    | 6.220  | 5.467 | 2021226 | 297289  | 1002.671 | 936.255   |
| 14)                         | L3 AR-1232-4    | 6.394  | 5.564 | 1037035 | 295615  | 1014.854 | 983.749   |
| 15)                         | L3 AR-1232-5    | 6.492  | 5.752 | 857156  | 239244  | 1162.510 | 752.622 # |
| 16)                         | L4 AR-1242-1    | 6.196  | 5.253 | 1425641 | 384987  | 558.255  | 524.795   |
| 17)                         | L4 AR-1242-2    | 6.220  | 5.273 | 2021226 | 556276  | 562.873  | 505.232   |
| 18)                         | L4 AR-1242-3    | 6.286  | 5.467 | 1279765 | 297289  | 560.814  | 530.305   |
| 19)                         | L4 AR-1242-4    | 6.394  | 5.564 | 1037035 | 295615  | 571.044  | 514.827   |
| 20)                         | L4 AR-1242-5    | 7.179  | 6.133 | 1158700 | 431137  | 587.567  | 576.947   |
| 21)                         | L5 AR-1248-1    | 6.196  | 5.253 | 1425641 | 384987  | 708.260  | 643.290   |
| 22)                         | L5 AR-1248-2    | 6.492  | 5.519 | 857156  | 258179  | 324.985  | 290.946   |
| 23)                         | L5 AR-1248-3    | 6.709  | 5.564 | 1124357 | 295615  | 359.238  | 338.126   |
| 24)                         | L5 AR-1248-4    | 7.140  | 5.752 | 1200865 | 239244  | 348.665  | 235.463 # |
| 25)                         | L5 AR-1248-5    | 7.179  | 6.177 | 1158700 | 343387  | 342.727  | 355.809   |
| 26)                         | L6 AR-1254-1    | 7.109  | 6.133 | 1030196 | 431137  | 287.325  | 281.558   |
| 27)                         | L6 AR-1254-2    | 7.343  | 6.293 | 1037391 | 195613  | 188.141  | 143.776   |
| 28)                         | L6 AR-1254-3    | 7.722  | 6.717 | 919149  | 181238  | 162.897  | 91.112 #  |
| 29)                         | L6 AR-1254-4    | 8.019  | 6.959 | 536726  | 101476  | 130.524  | 81.269 #  |
| 30)                         | L6 AR-1254-5    | 8.448  | 7.390 | 134513  | 67099   | 29.182   | 35.893    |
| 31)                         | L7 AR-1260-1    | 7.889  | 6.864 | 436815  | 85730   | 103.333  | 61.411 #  |
| 32)                         | L7 AR-1260-2    | 8.155  | 7.051 | 306545  | 28650   | 59.060   | 17.530 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.209 | 0       | 62410   | N.D.     | 37.531 #  |
| 34)                         | L7 AR-1260-4    | 8.744  | 0.000 | 68846   | 0       | 17.272   | N.D. #    |
| 35)                         | L7 AR-1260-5    | 9.076  | 0.000 | 44128   | 0       | 5.957    | N.D. #    |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.390 | 0       | 67099   | N.D.     | 67.413 #  |
| 37)                         | L8 AR-1262-2    | 9.076  | 0.000 | 44128   | 0       | 4.948    | N.D. #    |
| -----                       |                 |        |       |         |         |          |           |

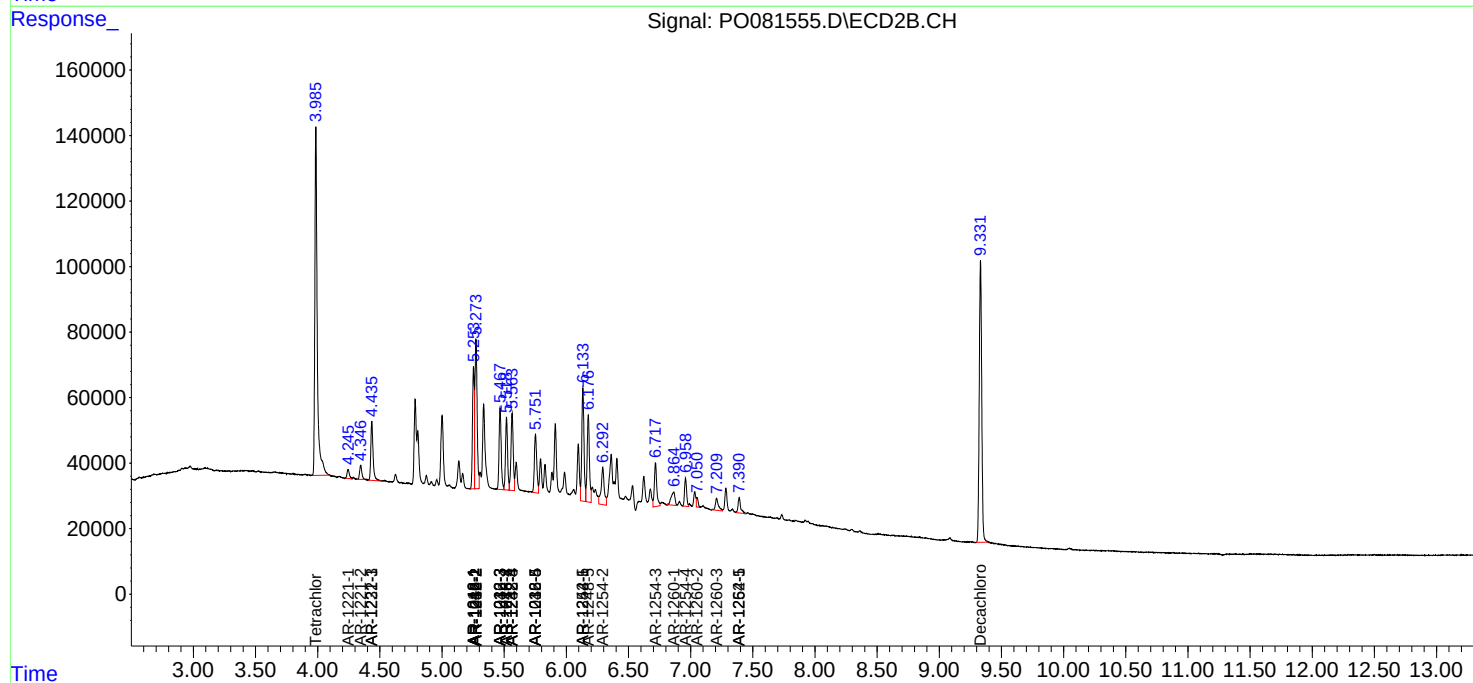
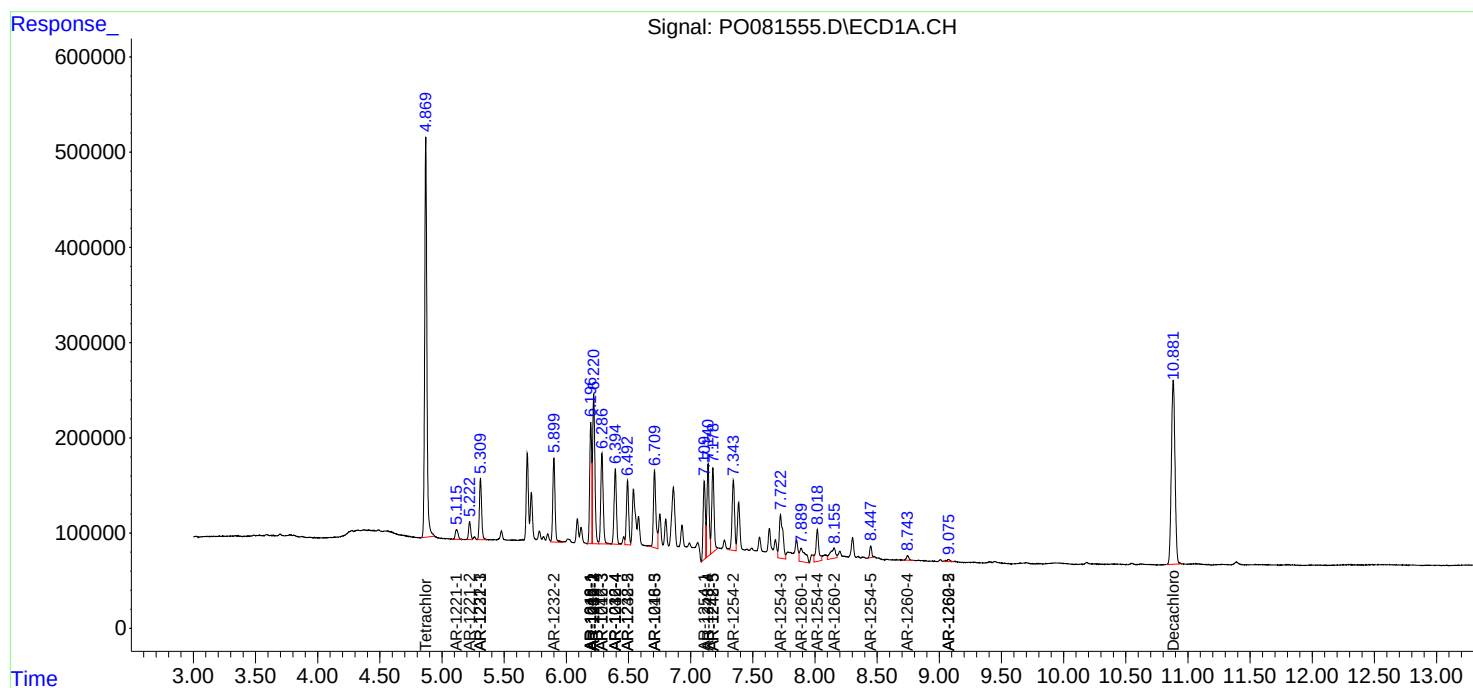
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

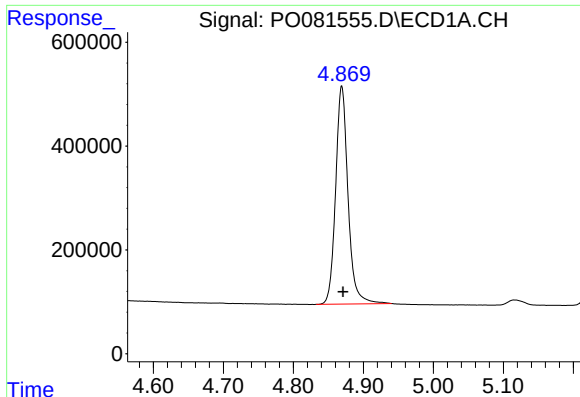
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO092421\  
Data File : PO081555.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 25 Sep 2021 17:26  
Operator : AJ\MA  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 27 01:33:53 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO092321.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Sep 24 02:21:54 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

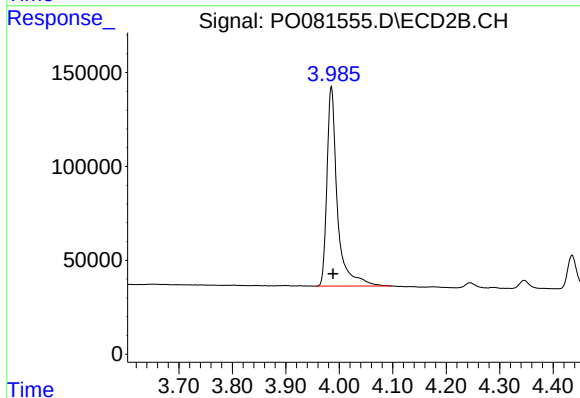




#1 Tetrachloro-m-xylene

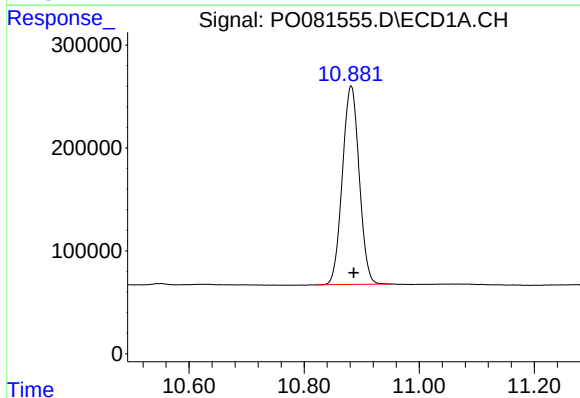
R.T.: 4.869 min  
Delta R.T.: -0.002 min  
Response: 5176917  
Conc: 58.05 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



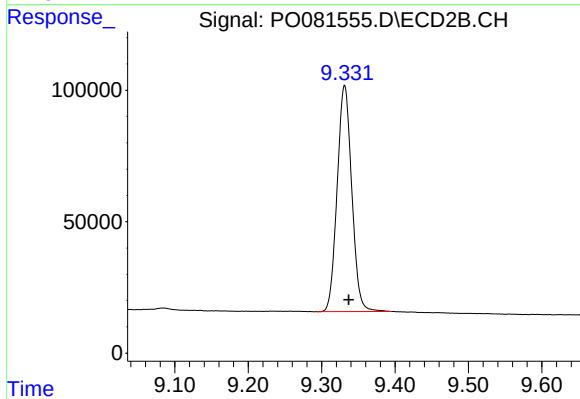
#1 Tetrachloro-m-xylene

R.T.: 3.985 min  
Delta R.T.: -0.003 min  
Response: 1442073  
Conc: 54.13 ng/ml



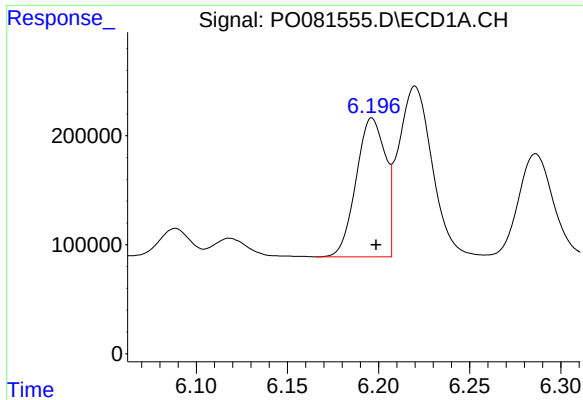
#2 Decachlorobiphenyl

R.T.: 10.882 min  
Delta R.T.: -0.005 min  
Response: 3934696  
Conc: 52.82 ng/ml



#2 Decachlorobiphenyl

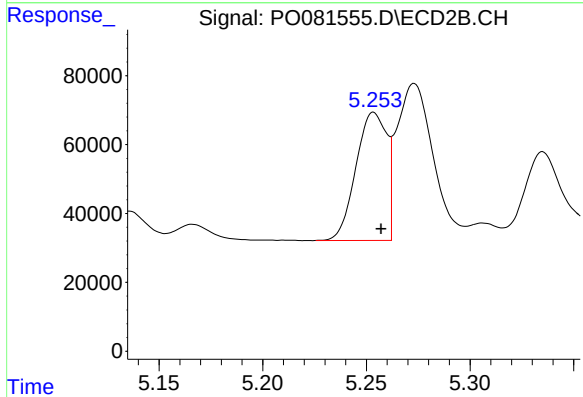
R.T.: 9.331 min  
Delta R.T.: -0.006 min  
Response: 1188223  
Conc: 51.17 ng/ml



#3 AR-1016-1

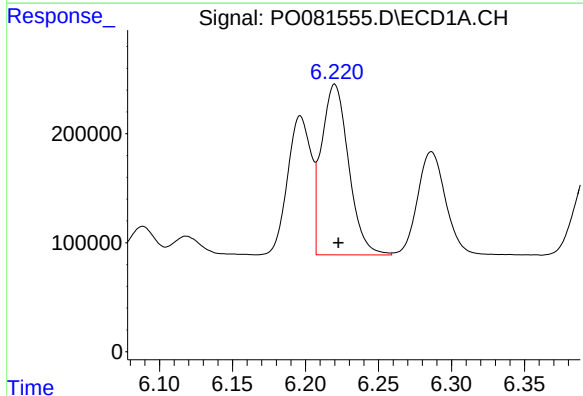
R.T.: 6.196 min  
Delta R.T.: -0.002 min  
Response: 1425641  
Conc: 440.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



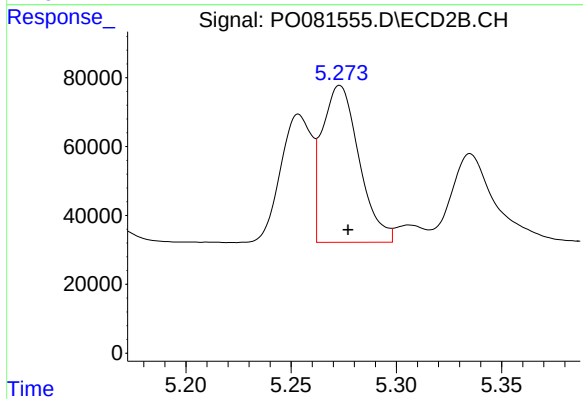
#3 AR-1016-1

R.T.: 5.253 min  
Delta R.T.: -0.004 min  
Response: 384987  
Conc: 427.33 ng/ml



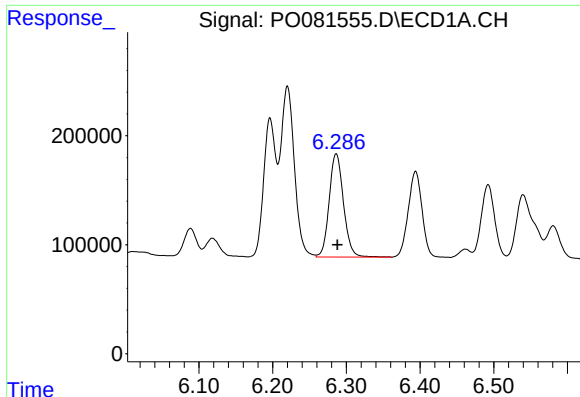
#4 AR-1016-2

R.T.: 6.220 min  
Delta R.T.: -0.002 min  
Response: 2021226  
Conc: 436.05 ng/ml



#4 AR-1016-2

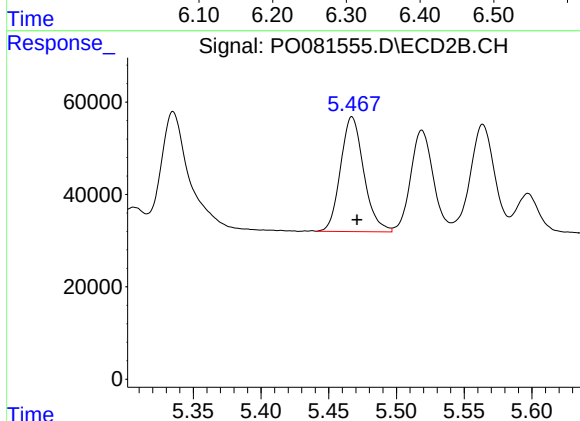
R.T.: 5.273 min  
Delta R.T.: -0.004 min  
Response: 556276  
Conc: 407.35 ng/ml



#5 AR-1016-3

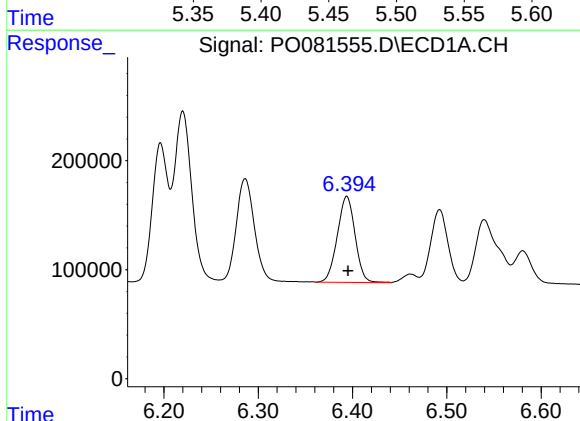
R.T.: 6.286 min  
Delta R.T.: -0.001 min  
Response: 1279765  
Conc: 447.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



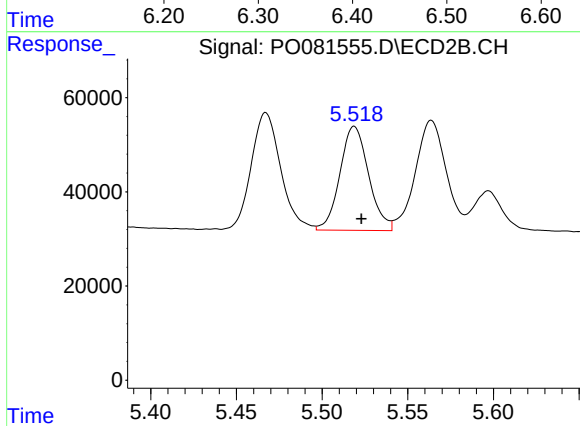
#5 AR-1016-3

R.T.: 5.467 min  
Delta R.T.: -0.004 min  
Response: 297289  
Conc: 419.32 ng/ml



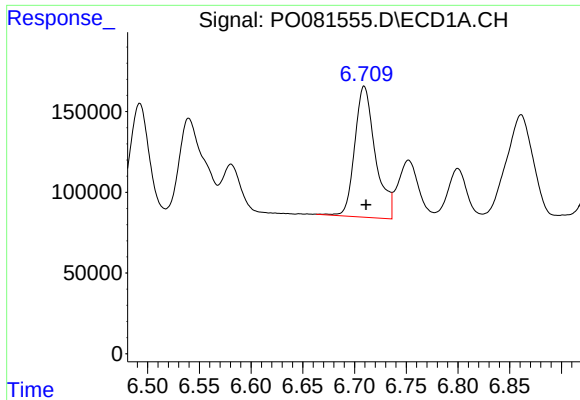
#6 AR-1016-4

R.T.: 6.394 min  
Delta R.T.: -0.001 min  
Response: 1037035  
Conc: 450.84 ng/ml



#6 AR-1016-4

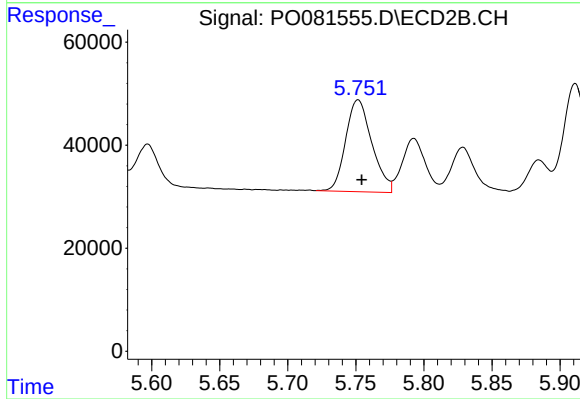
R.T.: 5.519 min  
Delta R.T.: -0.004 min  
Response: 258179  
Conc: 416.80 ng/ml



#7 AR-1016-5

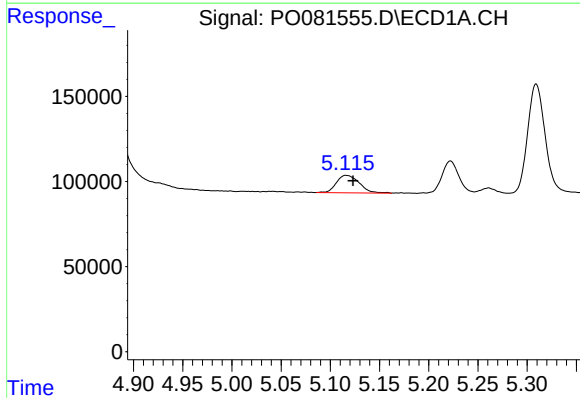
R.T.: 6.709 min  
Delta R.T.: -0.002 min  
Response: 1124357  
Conc: 494.07 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



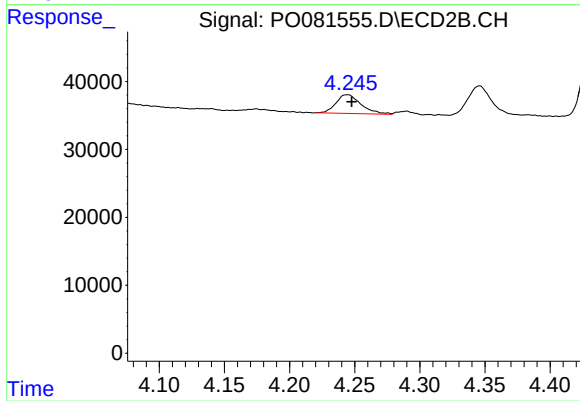
#7 AR-1016-5

R.T.: 5.752 min  
Delta R.T.: -0.003 min  
Response: 239244  
Conc: 338.87 ng/ml



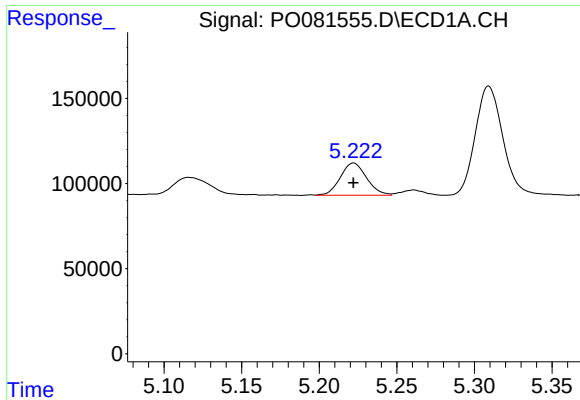
#8 AR-1221-1

R.T.: 5.116 min  
Delta R.T.: -0.008 min  
Response: 165219  
Conc: 150.98 ng/ml



#8 AR-1221-1

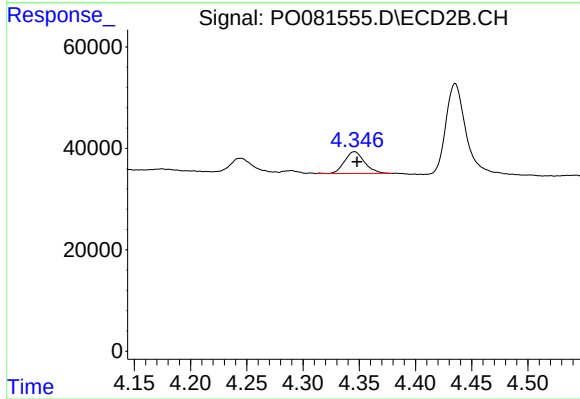
R.T.: 4.245 min  
Delta R.T.: -0.003 min  
Response: 36884  
Conc: 128.22 ng/ml



#9 AR-1221-2

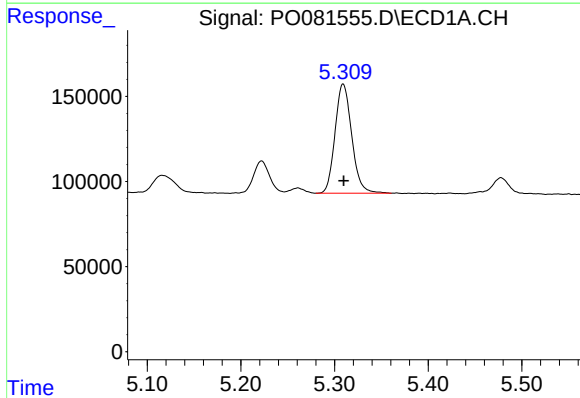
R.T.: 5.222 min  
Delta R.T.: 0.000 min  
Response: 222854  
Conc: 282.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



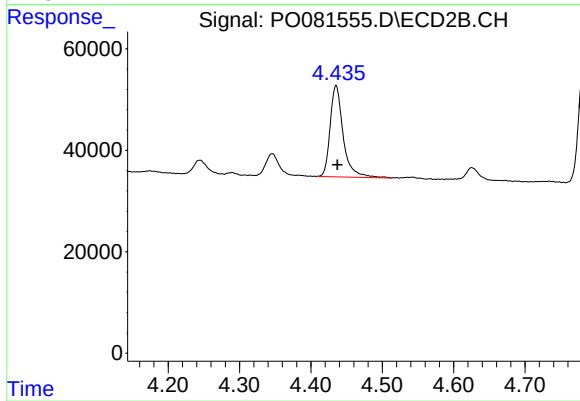
#9 AR-1221-2

R.T.: 4.346 min  
Delta R.T.: -0.002 min  
Response: 53445  
Conc: 222.30 ng/ml



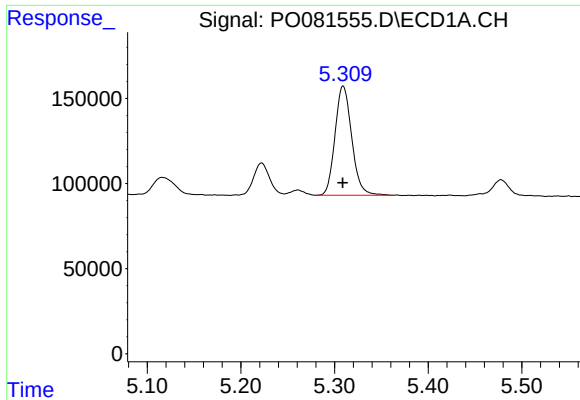
#10 AR-1221-3

R.T.: 5.309 min  
Delta R.T.: 0.000 min  
Response: 795068  
Conc: 316.00 ng/ml



#10 AR-1221-3

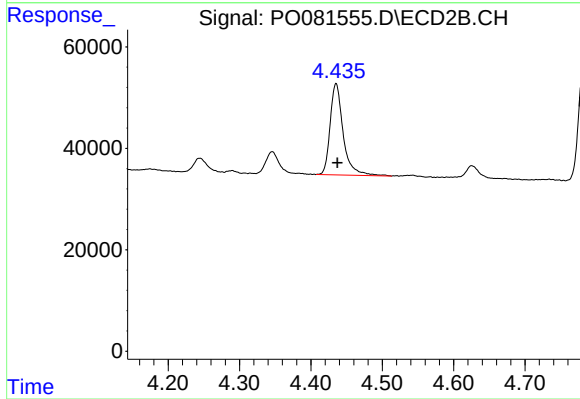
R.T.: 4.435 min  
Delta R.T.: -0.002 min  
Response: 229287  
Conc: 295.50 ng/ml



#11 AR-1232-1

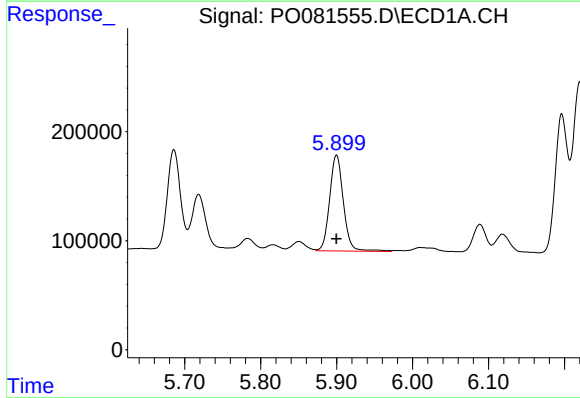
R.T.: 5.309 min  
Delta R.T.: 0.000 min  
Response: 795068  
Conc: 407.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



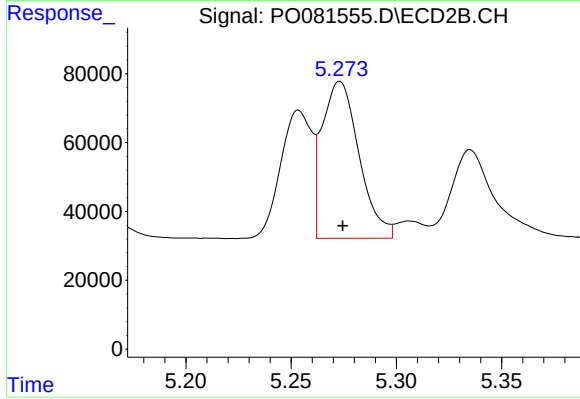
#11 AR-1232-1

R.T.: 4.435 min  
Delta R.T.: -0.002 min  
Response: 229287  
Conc: 382.40 ng/ml



#12 AR-1232-2

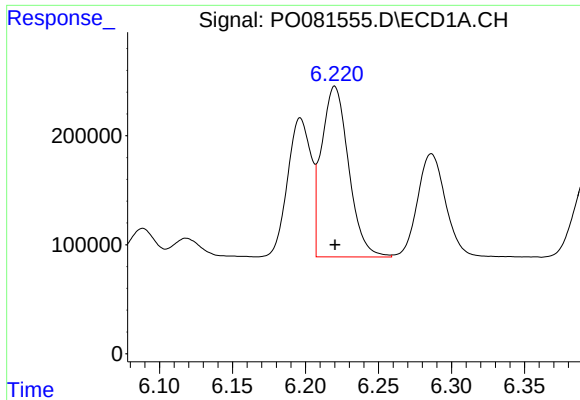
R.T.: 5.900 min  
Delta R.T.: 0.000 min  
Response: 1106861  
Conc: 1040.52 ng/ml



#12 AR-1232-2

R.T.: 5.273 min  
Delta R.T.: -0.001 min  
Response: 556276  
Conc: 879.07 ng/ml

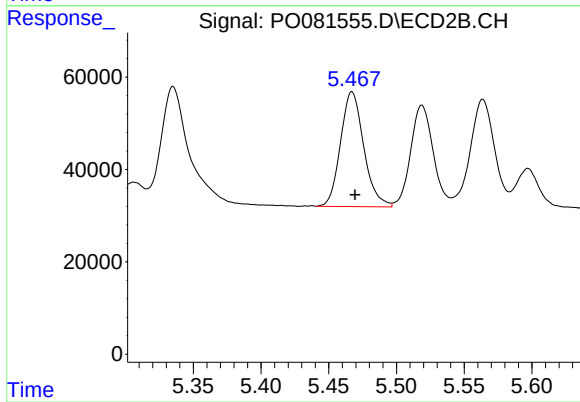




#13 AR-1232-3

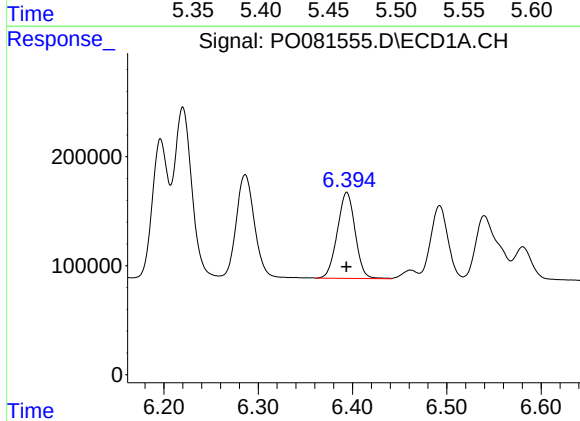
R.T.: 6.220 min  
Delta R.T.: 0.000 min  
Response: 2021226  
Conc: 1002.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



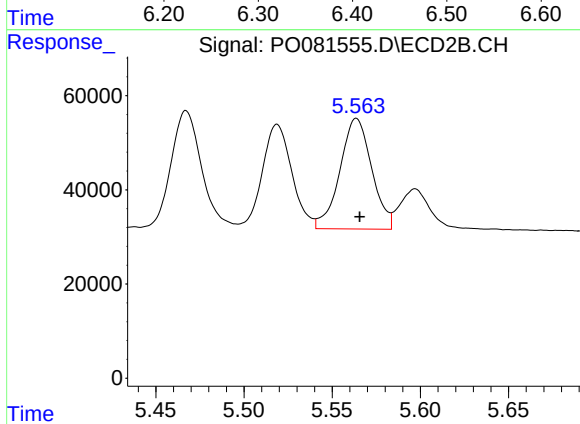
#13 AR-1232-3

R.T.: 5.467 min  
Delta R.T.: -0.002 min  
Response: 297289  
Conc: 936.26 ng/ml



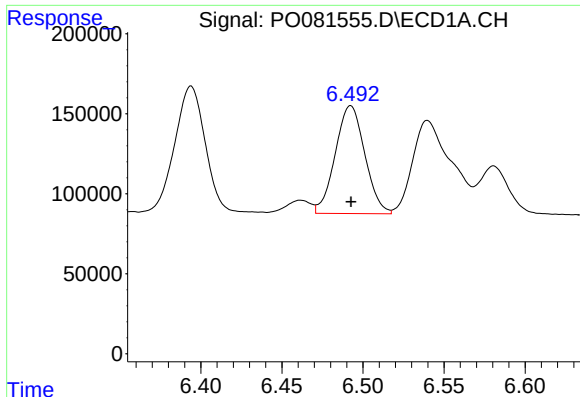
#14 AR-1232-4

R.T.: 6.394 min  
Delta R.T.: 0.000 min  
Response: 1037035  
Conc: 1014.85 ng/ml



#14 AR-1232-4

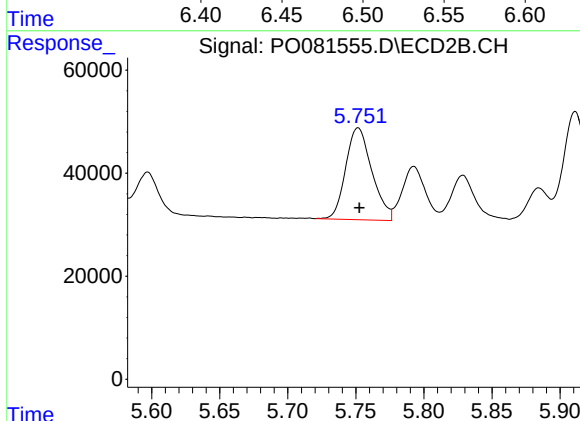
R.T.: 5.564 min  
Delta R.T.: -0.002 min  
Response: 295615  
Conc: 983.75 ng/ml



#15 AR-1232-5

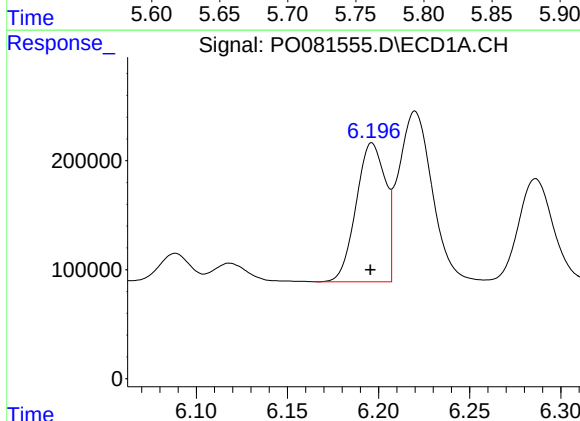
R.T.: 6.492 min  
Delta R.T.: 0.000 min  
Response: 857156  
Conc: 1162.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



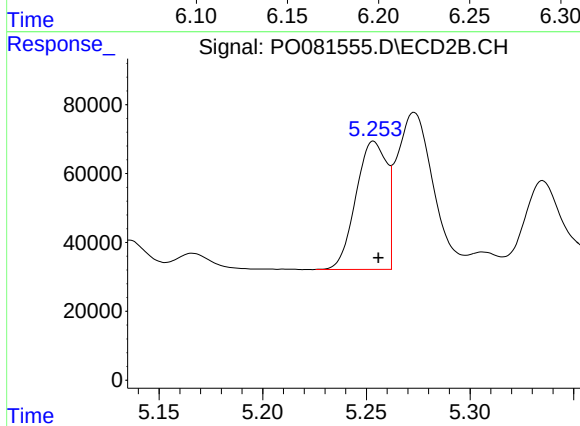
#15 AR-1232-5

R.T.: 5.752 min  
Delta R.T.: -0.001 min  
Response: 239244  
Conc: 752.62 ng/ml



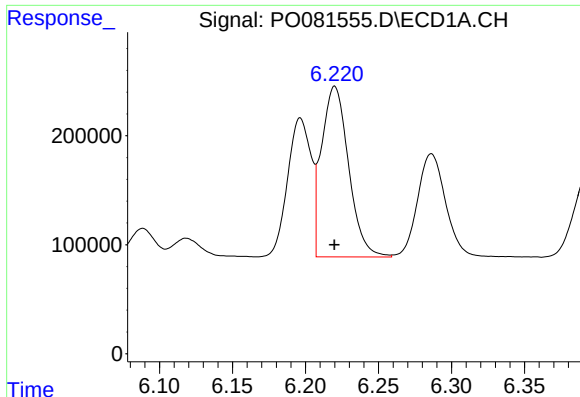
#16 AR-1242-1

R.T.: 6.196 min  
Delta R.T.: 0.000 min  
Response: 1425641  
Conc: 558.26 ng/ml



#16 AR-1242-1

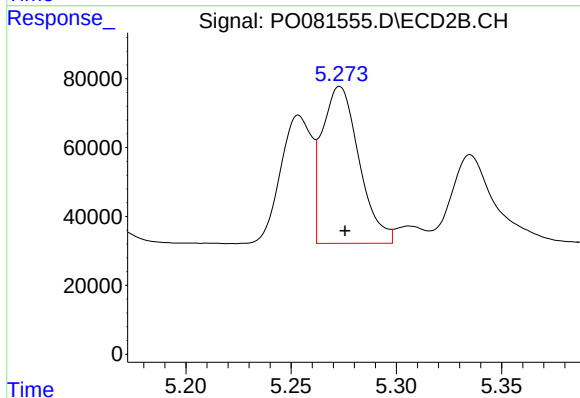
R.T.: 5.253 min  
Delta R.T.: -0.002 min  
Response: 384987  
Conc: 524.79 ng/ml



#17 AR-1242-2

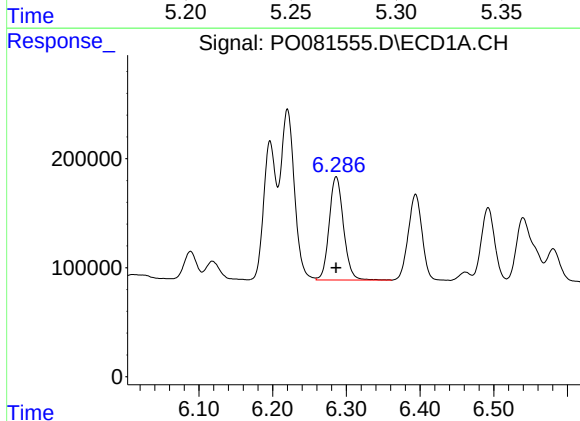
R.T.: 6.220 min  
Delta R.T.: 0.000 min  
Response: 2021226  
Conc: 562.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



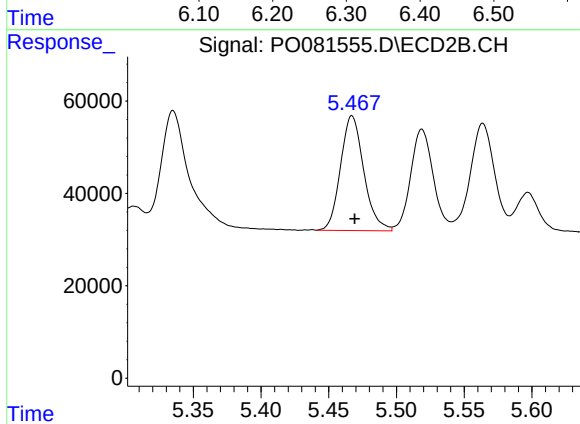
#17 AR-1242-2

R.T.: 5.273 min  
Delta R.T.: -0.002 min  
Response: 556276  
Conc: 505.23 ng/ml



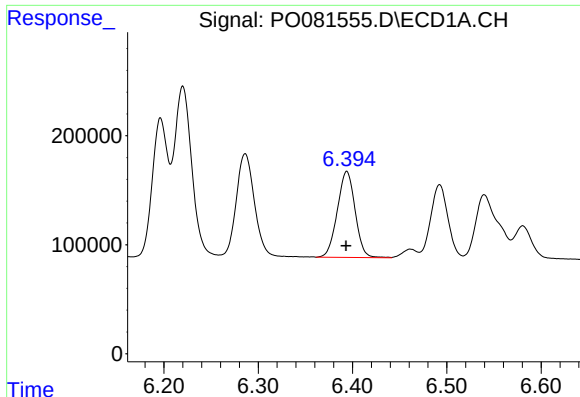
#18 AR-1242-3

R.T.: 6.286 min  
Delta R.T.: 0.000 min  
Response: 1279765  
Conc: 560.81 ng/ml



#18 AR-1242-3

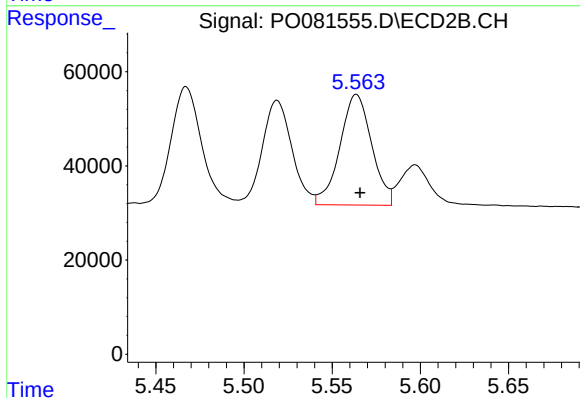
R.T.: 5.467 min  
Delta R.T.: -0.002 min  
Response: 297289  
Conc: 530.31 ng/ml



#19 AR-1242-4

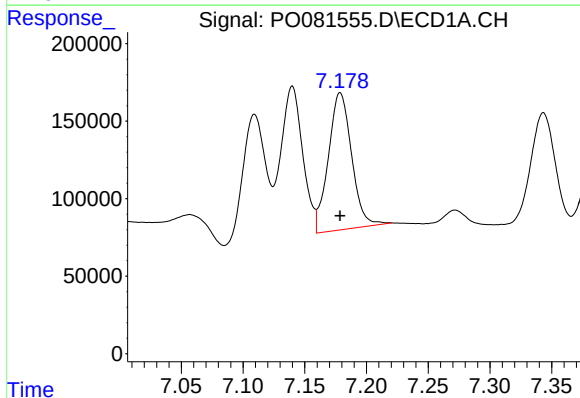
R.T.: 6.394 min  
Delta R.T.: 0.000 min  
Response: 1037035  
Conc: 571.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



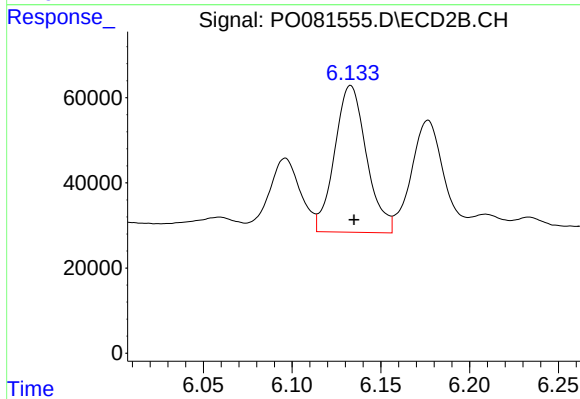
#19 AR-1242-4

R.T.: 5.564 min  
Delta R.T.: -0.002 min  
Response: 295615  
Conc: 514.83 ng/ml



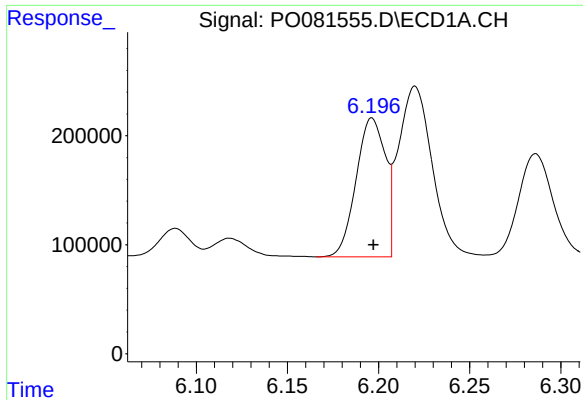
#20 AR-1242-5

R.T.: 7.179 min  
Delta R.T.: 0.000 min  
Response: 1158700  
Conc: 587.57 ng/ml



#20 AR-1242-5

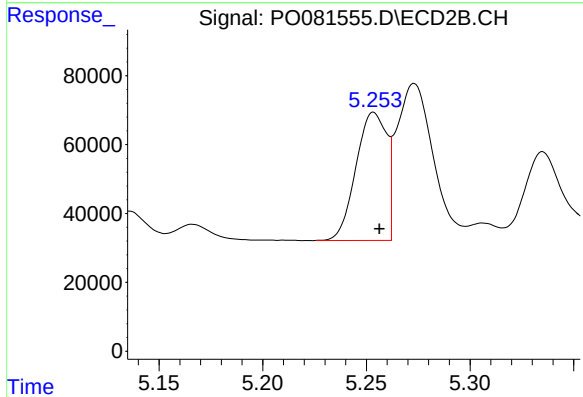
R.T.: 6.133 min  
Delta R.T.: -0.002 min  
Response: 431137  
Conc: 576.95 ng/ml



#21 AR-1248-1

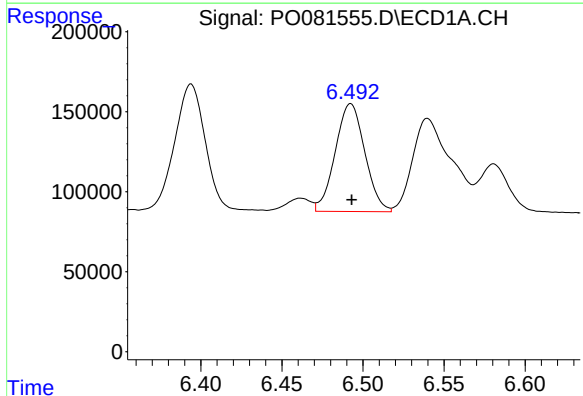
R.T.: 6.196 min  
Delta R.T.: 0.000 min  
Response: 1425641  
Conc: 708.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



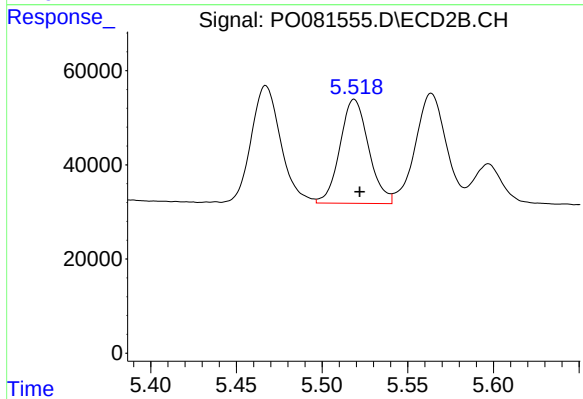
#21 AR-1248-1

R.T.: 5.253 min  
Delta R.T.: -0.003 min  
Response: 384987  
Conc: 643.29 ng/ml



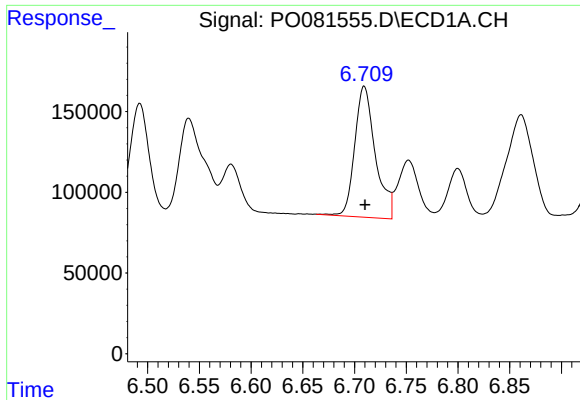
#22 AR-1248-2

R.T.: 6.492 min  
Delta R.T.: 0.000 min  
Response: 857156  
Conc: 324.98 ng/ml



#22 AR-1248-2

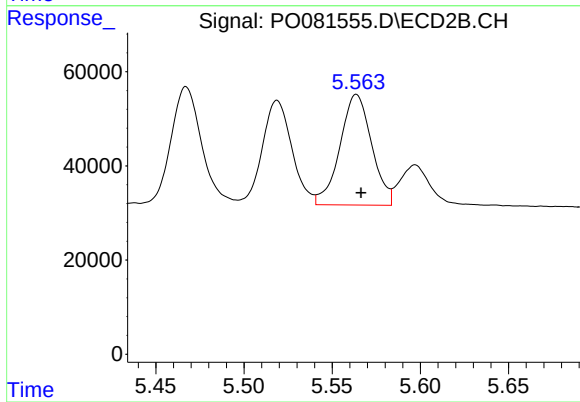
R.T.: 5.519 min  
Delta R.T.: -0.003 min  
Response: 258179  
Conc: 290.95 ng/ml



#23 AR-1248-3

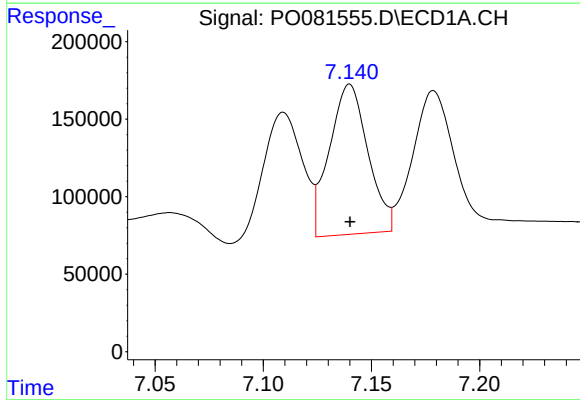
R.T.: 6.709 min  
Delta R.T.: -0.001 min  
Response: 1124357  
Conc: 359.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



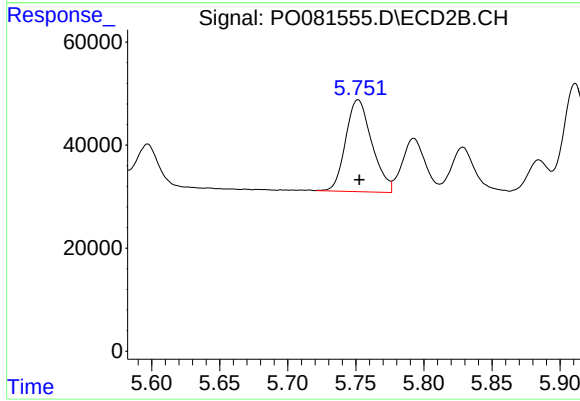
#23 AR-1248-3

R.T.: 5.564 min  
Delta R.T.: -0.002 min  
Response: 295615  
Conc: 338.13 ng/ml



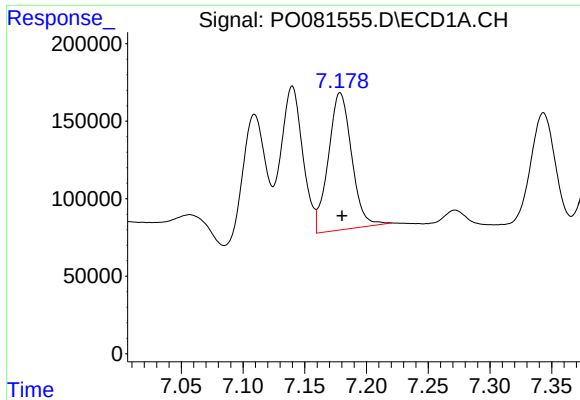
#24 AR-1248-4

R.T.: 7.140 min  
Delta R.T.: 0.000 min  
Response: 1200865  
Conc: 348.66 ng/ml



#24 AR-1248-4

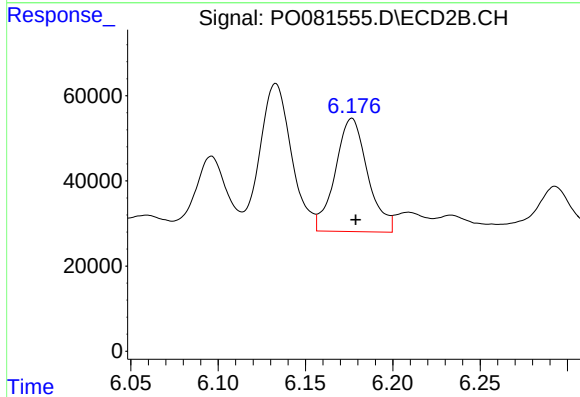
R.T.: 5.752 min  
Delta R.T.: 0.000 min  
Response: 239244  
Conc: 235.46 ng/ml



#25 AR-1248-5

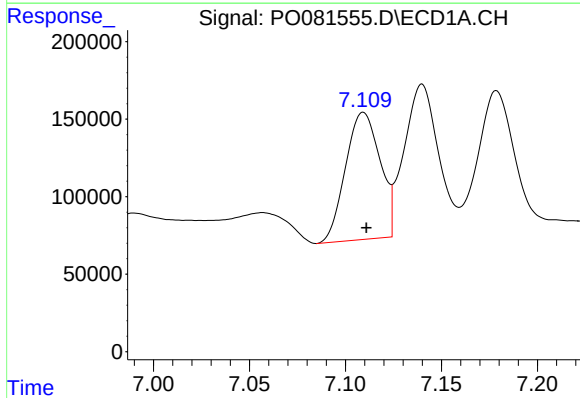
R.T.: 7.179 min  
Delta R.T.: -0.002 min  
Response: 1158700  
Conc: 342.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



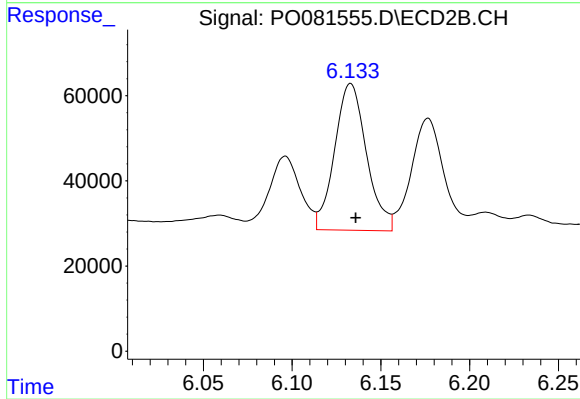
#25 AR-1248-5

R.T.: 6.177 min  
Delta R.T.: -0.002 min  
Response: 343387  
Conc: 355.81 ng/ml



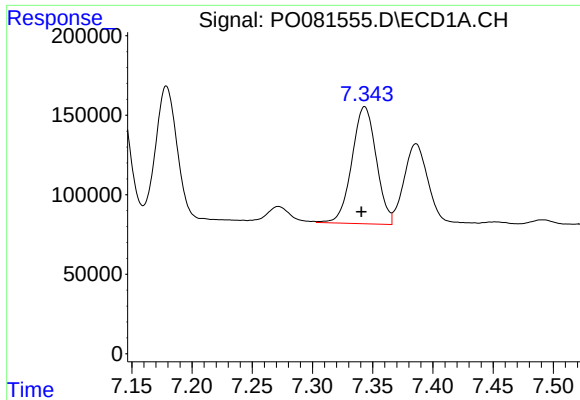
#26 AR-1254-1

R.T.: 7.109 min  
Delta R.T.: -0.002 min  
Response: 1030196  
Conc: 287.32 ng/ml



#26 AR-1254-1

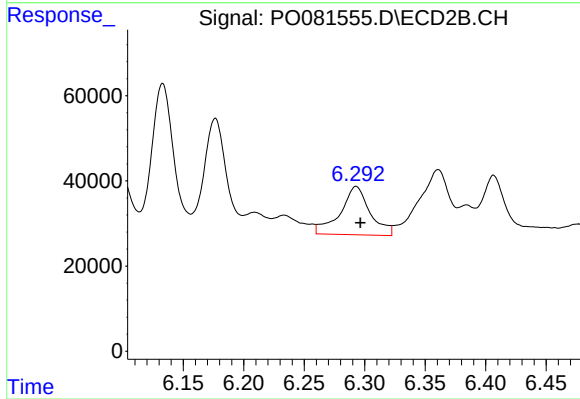
R.T.: 6.133 min  
Delta R.T.: -0.003 min  
Response: 431137  
Conc: 281.56 ng/ml



#27 AR-1254-2

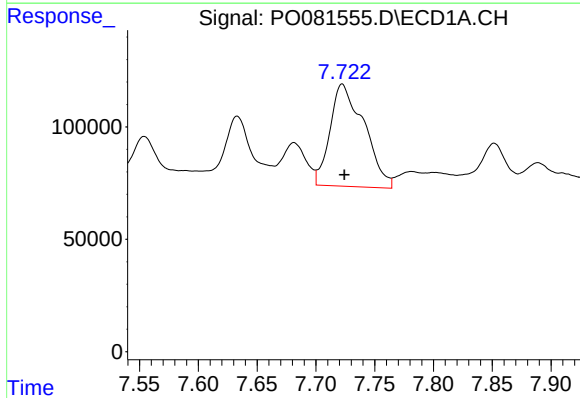
R.T.: 7.343 min  
Delta R.T.: 0.003 min  
Response: 1037391  
Conc: 188.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



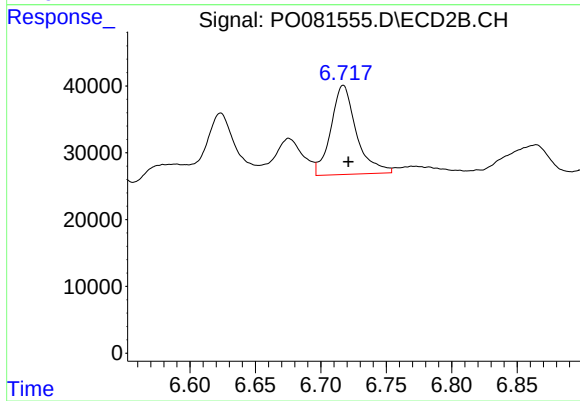
#27 AR-1254-2

R.T.: 6.293 min  
Delta R.T.: -0.003 min  
Response: 195613  
Conc: 143.78 ng/ml



#28 AR-1254-3

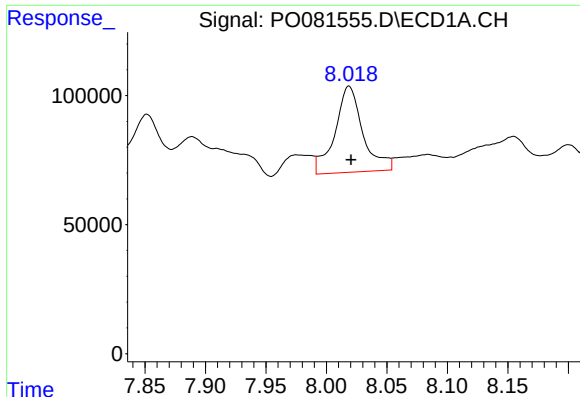
R.T.: 7.722 min  
Delta R.T.: -0.002 min  
Response: 919149  
Conc: 162.90 ng/ml



#28 AR-1254-3

R.T.: 6.717 min  
Delta R.T.: -0.004 min  
Response: 181238  
Conc: 91.11 ng/ml

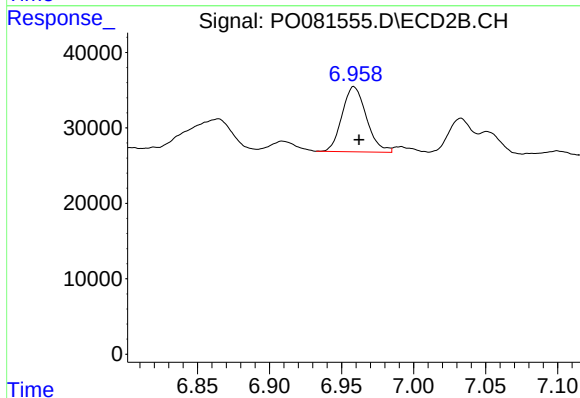




#29 AR-1254-4

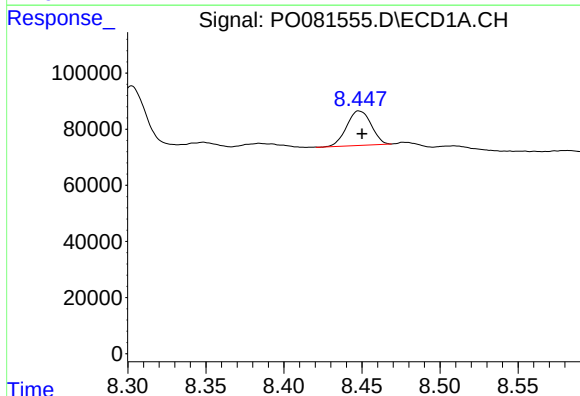
R.T.: 8.019 min  
Delta R.T.: -0.002 min  
Response: 536726  
Conc: 130.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



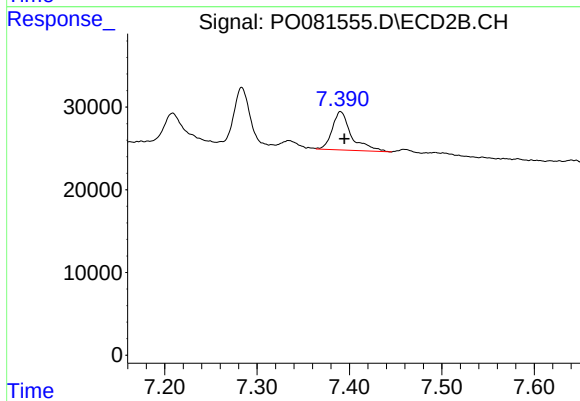
#29 AR-1254-4

R.T.: 6.959 min  
Delta R.T.: -0.003 min  
Response: 101476  
Conc: 81.27 ng/ml



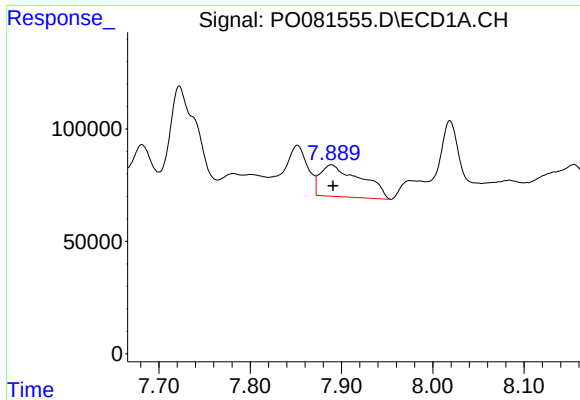
#30 AR-1254-5

R.T.: 8.448 min  
Delta R.T.: -0.002 min  
Response: 134513  
Conc: 29.18 ng/ml



#30 AR-1254-5

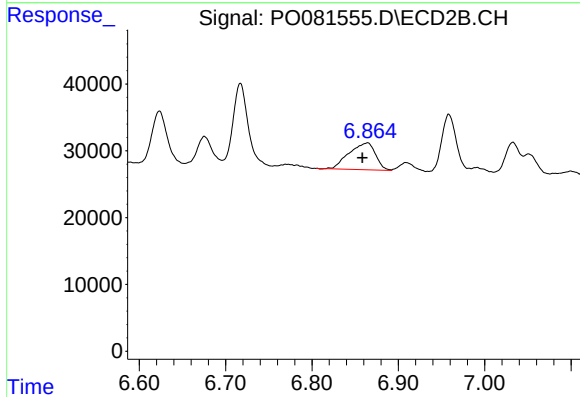
R.T.: 7.390 min  
Delta R.T.: -0.004 min  
Response: 67099  
Conc: 35.89 ng/ml



#31 AR-1260-1

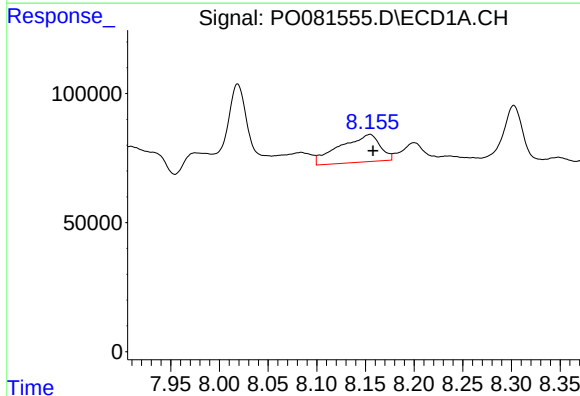
R.T.: 7.889 min  
Delta R.T.: -0.002 min  
Response: 436815  
Conc: 103.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



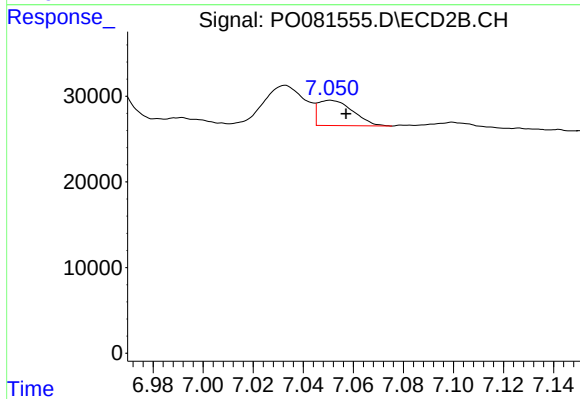
#31 AR-1260-1

R.T.: 6.864 min  
Delta R.T.: 0.006 min  
Response: 85730  
Conc: 61.41 ng/ml



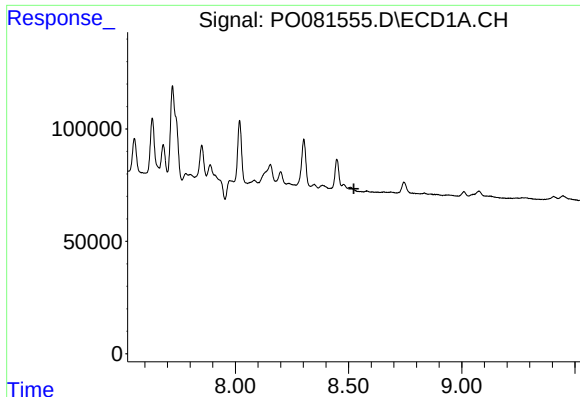
#32 AR-1260-2

R.T.: 8.155 min  
Delta R.T.: -0.003 min  
Response: 306545  
Conc: 59.06 ng/ml



#32 AR-1260-2

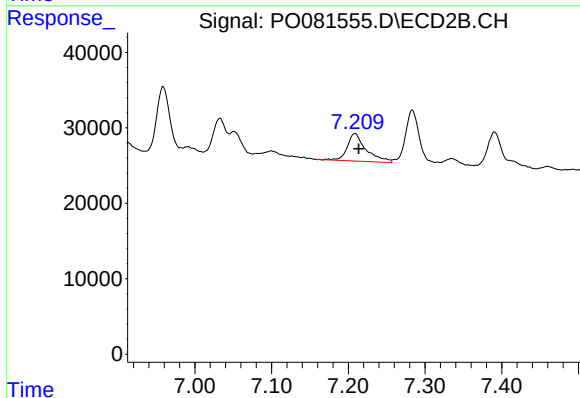
R.T.: 7.051 min  
Delta R.T.: -0.006 min  
Response: 28650  
Conc: 17.53 ng/ml



#33 AR-1260-3

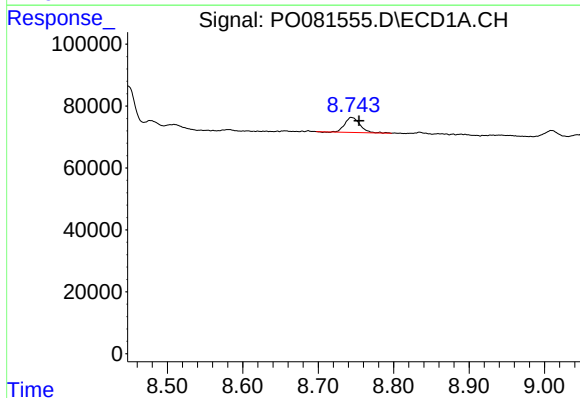
R.T.: 0.000 min  
Exp R.T.: 8.523 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



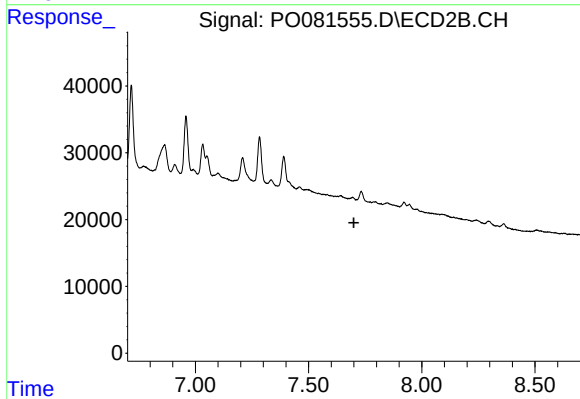
#33 AR-1260-3

R.T.: 7.209 min  
Delta R.T.: -0.005 min  
Response: 62410  
Conc: 37.53 ng/ml



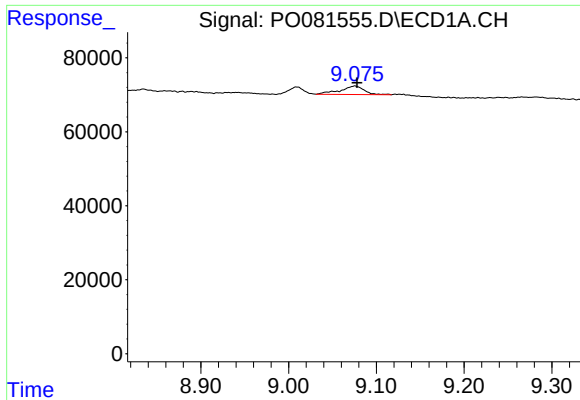
#34 AR-1260-4

R.T.: 8.744 min  
Delta R.T.: -0.010 min  
Response: 68846  
Conc: 17.27 ng/ml



#34 AR-1260-4

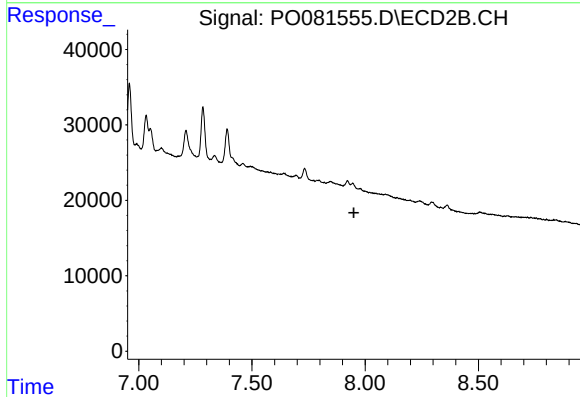
R.T.: 0.000 min  
Exp R.T.: 7.700 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

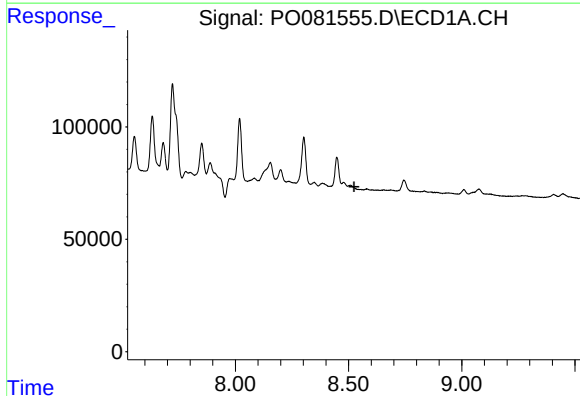
R.T.: 9.076 min  
Delta R.T.: -0.003 min  
Response: 44128  
Conc: 5.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



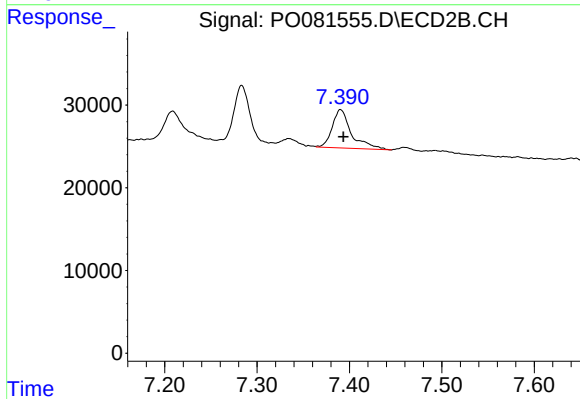
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.950 min  
Response: 0  
Conc: N.D.



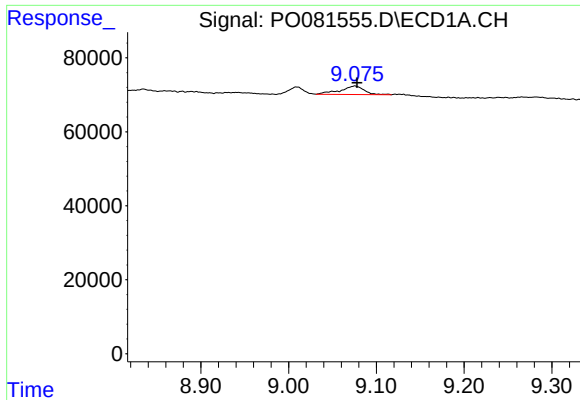
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 8.524 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

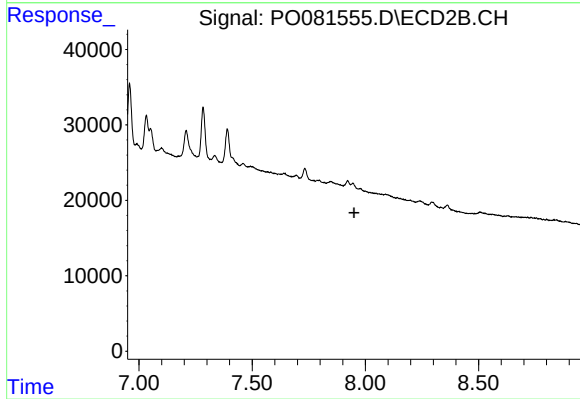
R.T.: 7.390 min  
Delta R.T.: -0.003 min  
Response: 67099  
Conc: 67.41 ng/ml



#37 AR-1262-2

R.T.: 9.076 min  
Delta R.T.: -0.003 min  
Response: 44128  
Conc: 4.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.950 min  
Response: 0  
Conc: N.D.