

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0052021\  
 Data File : P0078030.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 20 May 2021 11:05  
 Operator : DD\AJ  
 Sample : AR1248CCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 20 13:33:57 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0051821.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed May 19 06:28:32 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... | 4.344 | 3.623 | 3554862 | 1471267 | 48.099   | 48.691     |
| 2)                          | SA Decachlor... | 9.958 | 8.815 | 2198527 | 1233945 | 44.468   | 42.436     |
| Target Compounds            |                 |       |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 5.640 | 4.852 | 680394  | 307222  | 279.312  | 281.381    |
| 4)                          | L1 AR-1016-2    | 5.662 | 4.871 | 853985  | 328871  | 239.526  | 211.545    |
| 5)                          | L1 AR-1016-3    | 5.726 | 5.060 | 418624  | 201115  | 188.916  | 245.706 #  |
| 6)                          | L1 AR-1016-4    | 5.829 | 5.112 | 434609  | 431555  | 248.986  | 606.694 #  |
| 7)                          | L1 AR-1016-5    | 6.141 | 5.335 | 1072664 | 516332  | 620.053  | 585.691    |
| 9)                          | L2 AR-1221-2    | 4.687 | 3.965 | 56812   | 29209   | 92.443   | 106.033    |
| 10)                         | L2 AR-1221-3    | 4.775 | 4.058 | 97884   | 29579   | 49.079   | 33.166 #   |
| 11)                         | L3 AR-1232-1    | 4.775 | 4.058 | 97884   | 29579   | 63.992   | 42.551 #   |
| 12)                         | L3 AR-1232-2    | 5.349 | 4.871 | 347762  | 328871  | 441.165  | 494.358    |
| 13)                         | L3 AR-1232-3    | 5.662 | 5.060 | 853985  | 201115  | 588.153  | 591.809    |
| 14)                         | L3 AR-1232-4    | 5.829 | 5.155 | 434609  | 442581  | 605.227  | 1397.092 # |
| 15)                         | L3 AR-1232-5    | 5.931 | 5.335 | 906716  | 516332  | 1846.690 | 1483.968   |
| 16)                         | L4 AR-1242-1    | 5.640 | 4.852 | 680394  | 307222  | 370.358  | 357.688    |
| 17)                         | L4 AR-1242-2    | 5.662 | 4.871 | 853985  | 328871  | 316.130  | 271.810    |
| 18)                         | L4 AR-1242-3    | 5.726 | 5.060 | 418624  | 201115  | 240.516  | 312.163 #  |
| 19)                         | L4 AR-1242-4    | 5.829 | 5.155 | 434609  | 442581  | 310.876  | 654.655 #  |
| 20)                         | L4 AR-1242-5    | 6.601 | 5.710 | 1277137 | 710920  | 954.419  | 866.968    |
| 21)                         | L5 AR-1248-1    | 5.640 | 4.852 | 680394  | 307222  | 477.502  | 476.724    |
| 22)                         | L5 AR-1248-2    | 5.931 | 5.112 | 906716  | 431555  | 477.596  | 451.444    |
| 23)                         | L5 AR-1248-3    | 6.141 | 5.155 | 1072664 | 442581  | 483.607  | 460.428    |
| 24)                         | L5 AR-1248-4    | 6.564 | 5.335 | 1259526 | 516332  | 541.117  | 450.842    |
| 25)                         | L5 AR-1248-5    | 6.601 | 5.751 | 1277137 | 494170  | 564.462  | 471.605    |
| 26)                         | L6 AR-1254-1    | 6.533 | 5.710 | 984312  | 710920  | 396.581  | 412.224    |
| 27)                         | L6 AR-1254-2    | 6.763 | 5.867 | 1305133 | 237074  | 336.328  | 147.896 #  |
| 28)                         | L6 AR-1254-3    | 7.136 | 6.281 | 680673  | 331908  | 173.493  | 139.063    |
| 29)                         | L6 AR-1254-4    | 7.429 | 6.518 | 473082  | 216252  | 174.203  | 148.948    |
| 30)                         | L6 AR-1254-5    | 7.852 | 6.941 | 83097   | 67686   | 28.414   | 29.779     |
| 31)                         | L7 AR-1260-1    | 7.302 | 6.424 | 104693  | 160571  | 37.307   | 100.215 #  |
| 32)                         | L7 AR-1260-2    | 7.564 | 6.612 | 150710  | 22507   | 44.800   | 11.658 #   |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.761 | 0       | 50308   | N.D.     | 27.421 #   |
| 34)                         | L7 AR-1260-4    | 8.142 | 0.000 | 37831   | 0       | 14.123   | N.D. #     |
| 35)                         | L7 AR-1260-5    | 8.461 | 0.000 | 37440   | 0       | 7.290    | N.D. #     |
| 36)                         | L8 AR-1262-1    | 0.000 | 6.941 | 0       | 67686   | N.D.     | 57.684 #   |
| 37)                         | L8 AR-1262-2    | 8.461 | 0.000 | 37440   | 0       | 6.220    | N.D. #     |
| 39)                         | L8 AR-1262-4    | 8.808 | 0.000 | 14964   | 0       | 4.798    | N.D. #     |
| 42)                         | L9 AR-1268-2    | 8.808 | 0.000 | 14964   | 0       | 2.312    | N.D. #     |
| -----                       |                 |       |       |         |         |          |            |

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

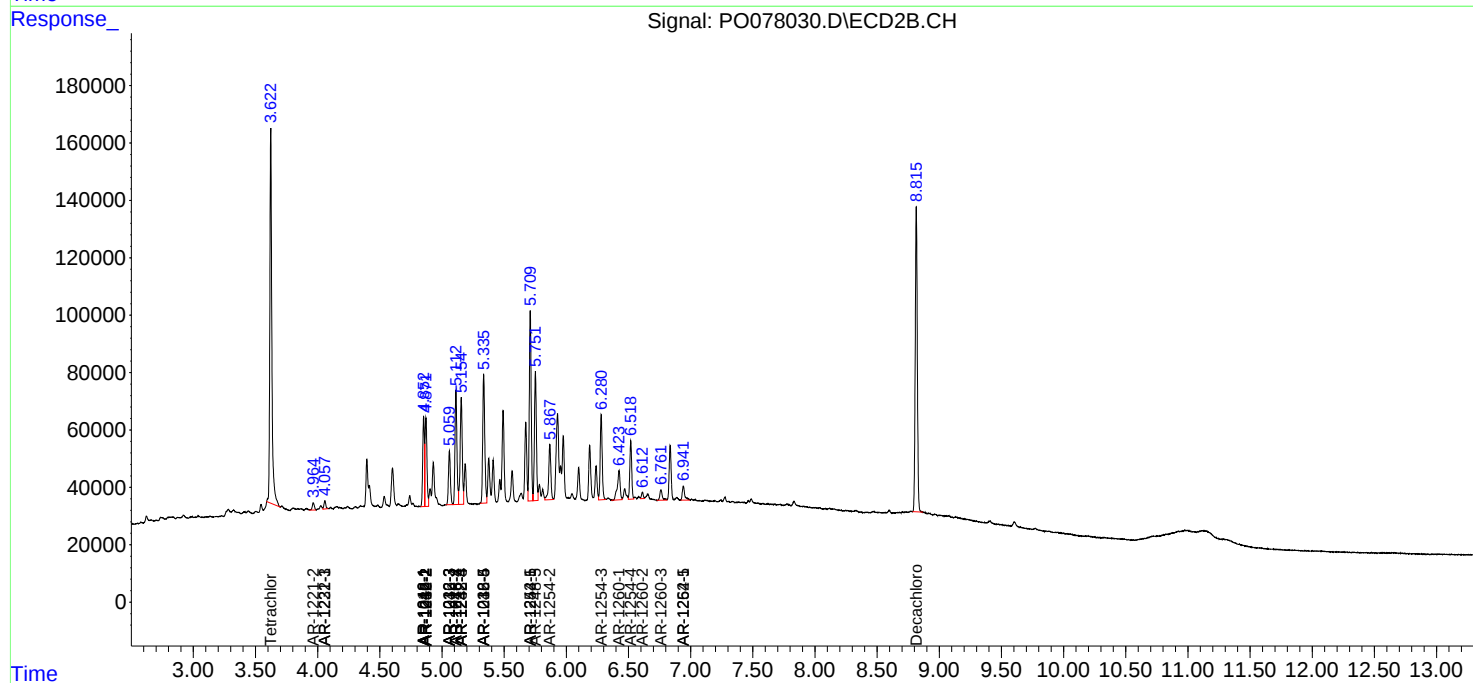
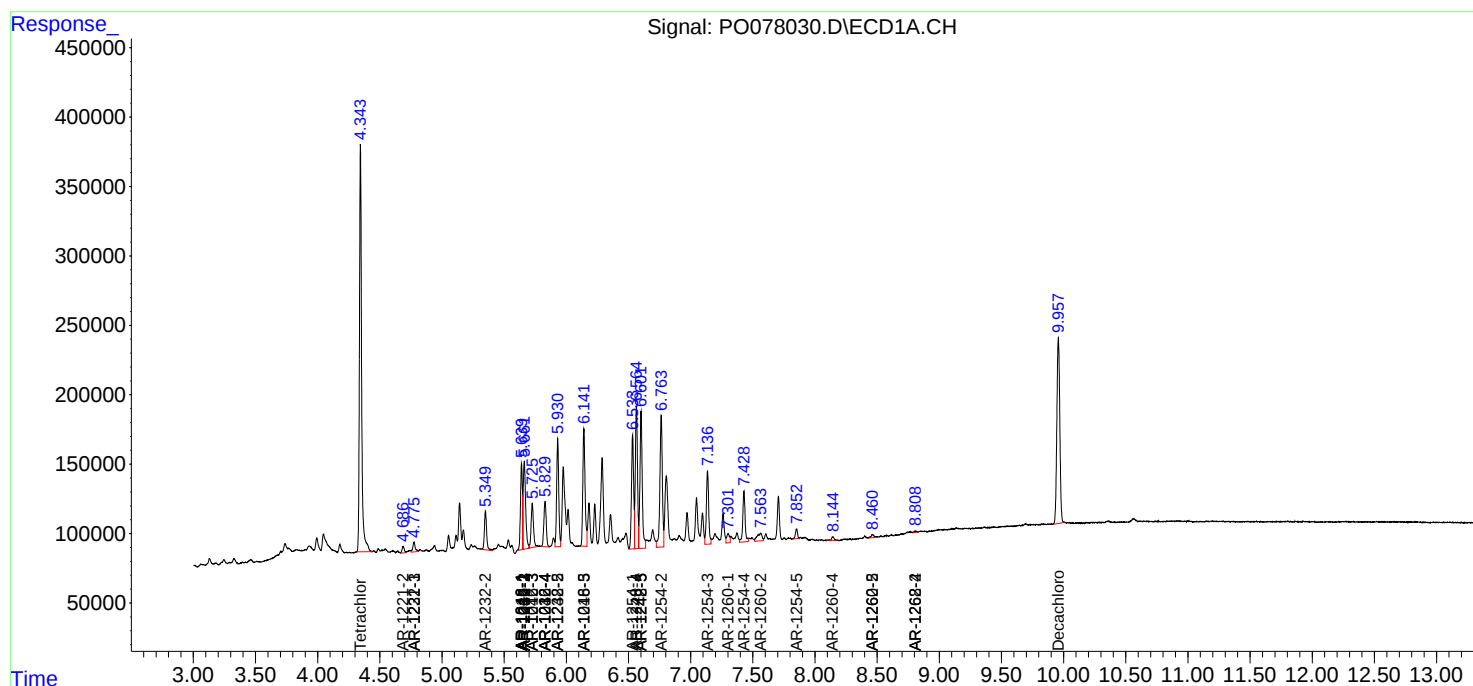
Instrument :  
ECD\_O  
ClientSampleId :

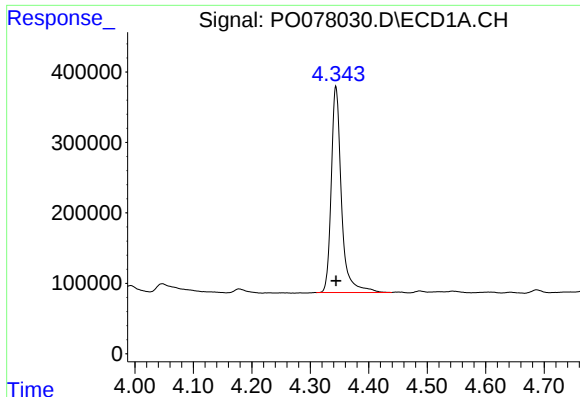
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0052021\  
Data File : P0078030.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 20 May 2021 11:05  
Operator : DD\AJ  
Sample : AR1248CCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 20 13:33:57 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0051821.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed May 19 06:28:32 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

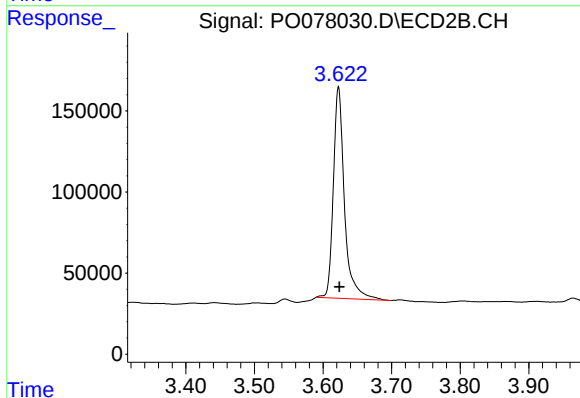




#1 Tetrachloro-m-xylene

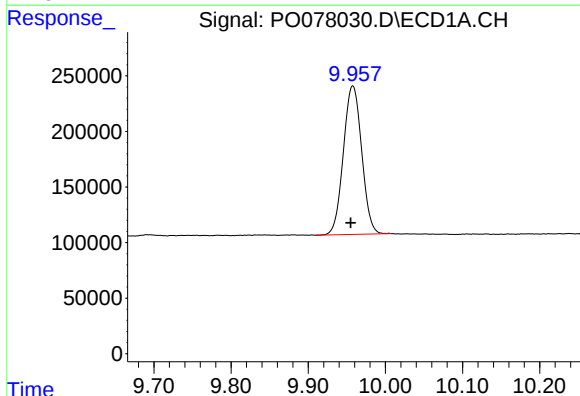
R.T.: 4.344 min  
Delta R.T.: 0.000 min  
Response: 3554862  
Conc: 48.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



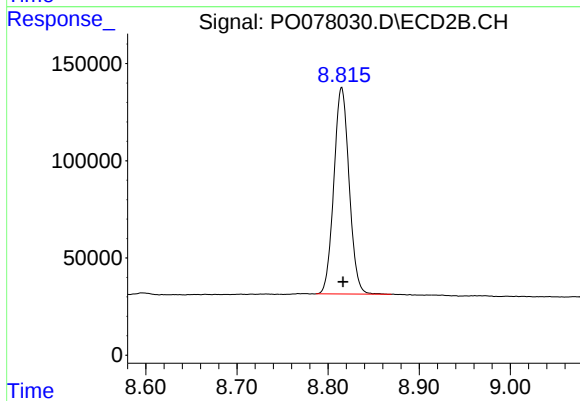
#1 Tetrachloro-m-xylene

R.T.: 3.623 min  
Delta R.T.: -0.001 min  
Response: 1471267  
Conc: 48.69 ng/ml



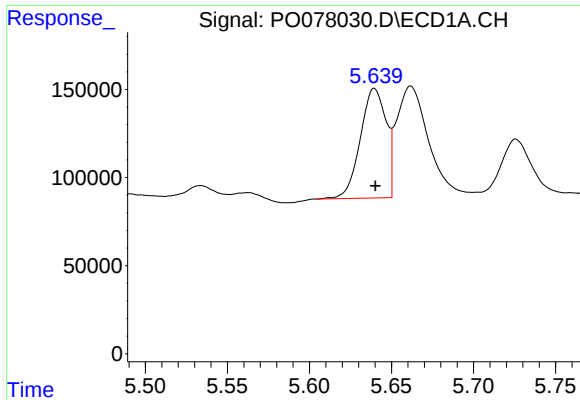
#2 Decachlorobiphenyl

R.T.: 9.958 min  
Delta R.T.: 0.003 min  
Response: 2198527  
Conc: 44.47 ng/ml



#2 Decachlorobiphenyl

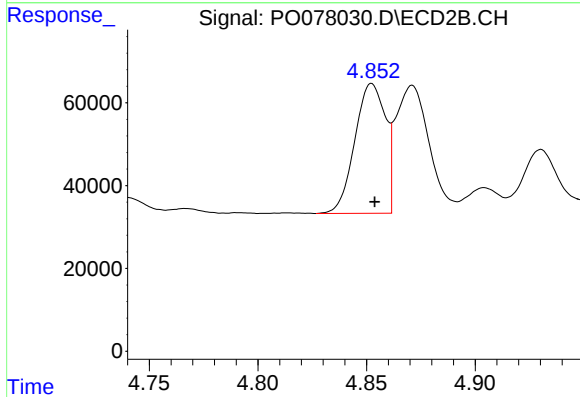
R.T.: 8.815 min  
Delta R.T.: -0.002 min  
Response: 1233945  
Conc: 42.44 ng/ml



#3 AR-1016-1

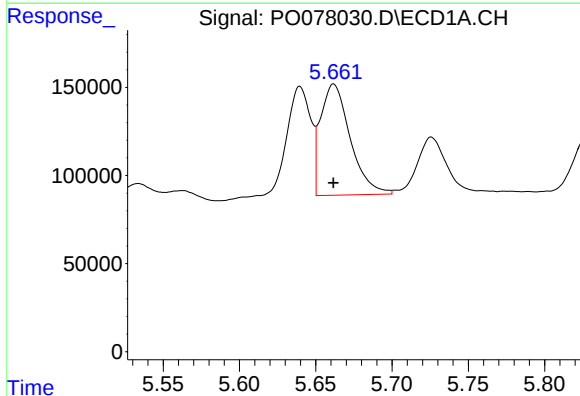
R.T.: 5.640 min  
Delta R.T.: 0.000 min  
Response: 680394  
Conc: 279.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



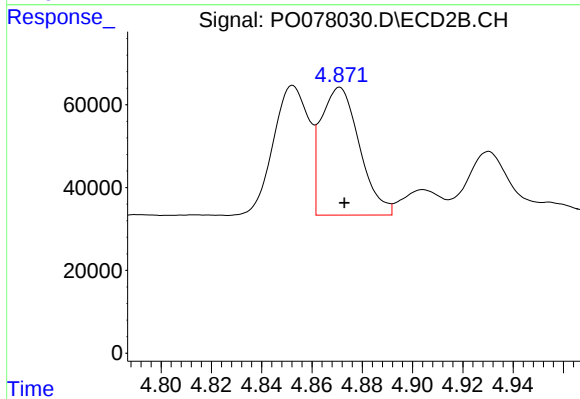
#3 AR-1016-1

R.T.: 4.852 min  
Delta R.T.: -0.001 min  
Response: 307222  
Conc: 281.38 ng/ml



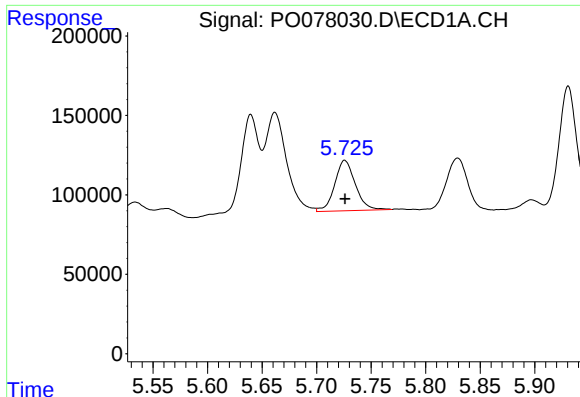
#4 AR-1016-2

R.T.: 5.662 min  
Delta R.T.: 0.000 min  
Response: 853985  
Conc: 239.53 ng/ml



#4 AR-1016-2

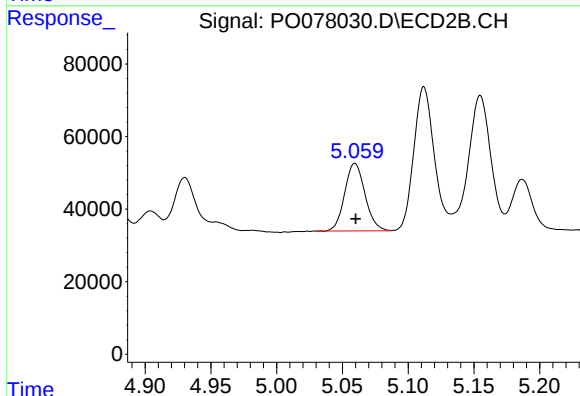
R.T.: 4.871 min  
Delta R.T.: -0.002 min  
Response: 328871  
Conc: 211.55 ng/ml



#5 AR-1016-3

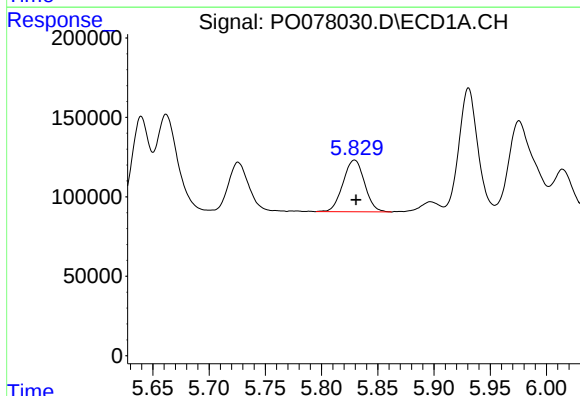
R.T.: 5.726 min  
Delta R.T.: 0.000 min  
Response: 418624  
Conc: 188.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



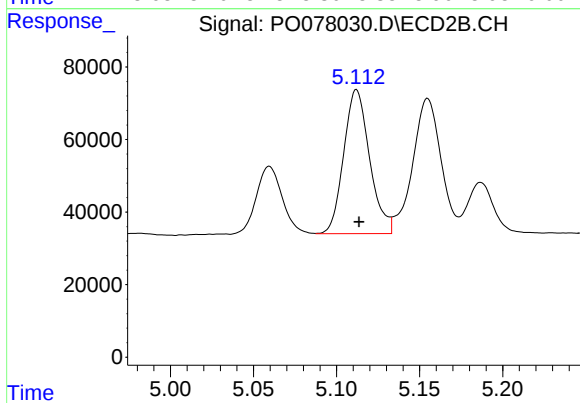
#5 AR-1016-3

R.T.: 5.060 min  
Delta R.T.: 0.000 min  
Response: 201115  
Conc: 245.71 ng/ml



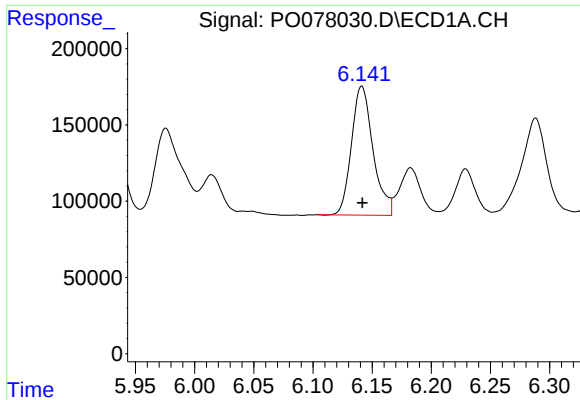
#6 AR-1016-4

R.T.: 5.829 min  
Delta R.T.: -0.001 min  
Response: 434609  
Conc: 248.99 ng/ml



#6 AR-1016-4

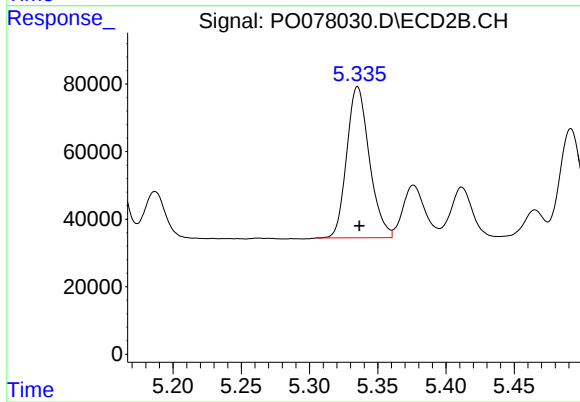
R.T.: 5.112 min  
Delta R.T.: -0.001 min  
Response: 431555  
Conc: 606.69 ng/ml



#7 AR-1016-5

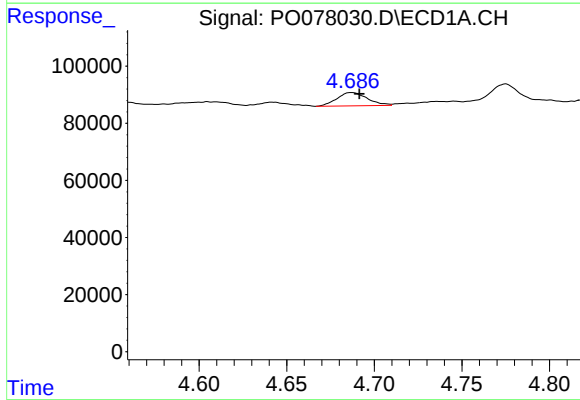
R.T.: 6.141 min  
Delta R.T.: 0.000 min  
Response: 1072664  
Conc: 620.05 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



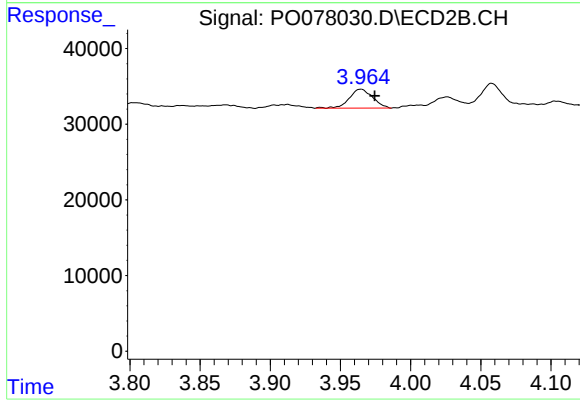
#7 AR-1016-5

R.T.: 5.335 min  
Delta R.T.: -0.001 min  
Response: 516332  
Conc: 585.69 ng/ml



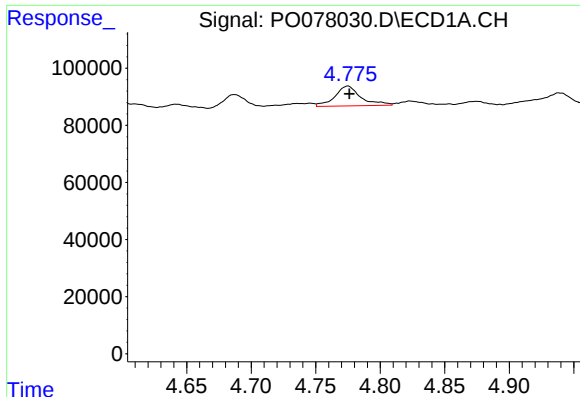
#9 AR-1221-2

R.T.: 4.687 min  
Delta R.T.: -0.004 min  
Response: 56812  
Conc: 92.44 ng/ml



#9 AR-1221-2

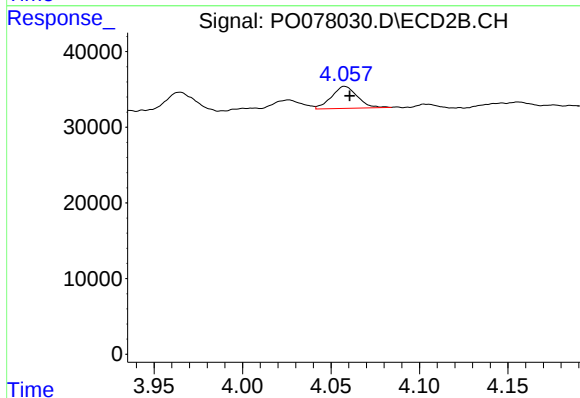
R.T.: 3.965 min  
Delta R.T.: -0.010 min  
Response: 29209  
Conc: 106.03 ng/ml



#10 AR-1221-3

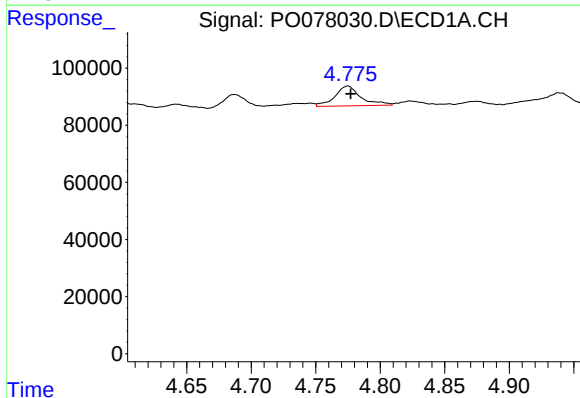
R.T.: 4.775 min  
Delta R.T.: 0.000 min  
Response: 97884  
Conc: 49.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



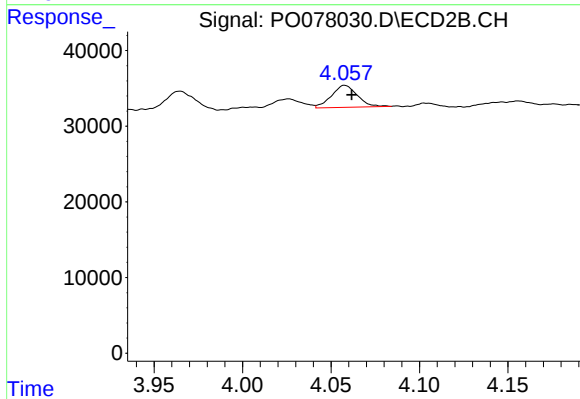
#10 AR-1221-3

R.T.: 4.058 min  
Delta R.T.: -0.003 min  
Response: 29579  
Conc: 33.17 ng/ml



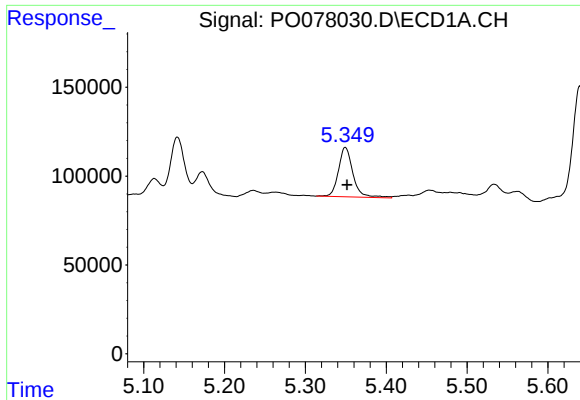
#11 AR-1232-1

R.T.: 4.775 min  
Delta R.T.: -0.002 min  
Response: 97884  
Conc: 63.99 ng/ml



#11 AR-1232-1

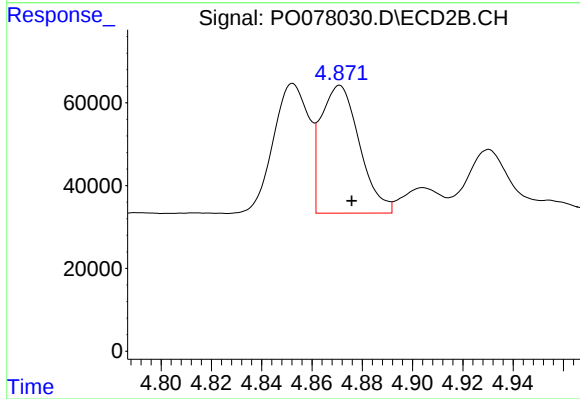
R.T.: 4.058 min  
Delta R.T.: -0.004 min  
Response: 29579  
Conc: 42.55 ng/ml



#12 AR-1232-2

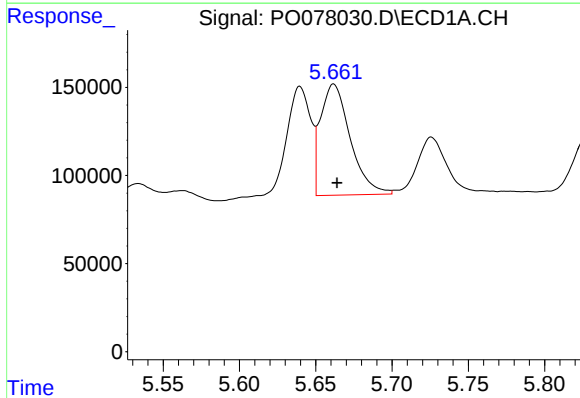
R.T.: 5.349 min  
Delta R.T.: -0.002 min  
Response: 347762  
Conc: 441.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



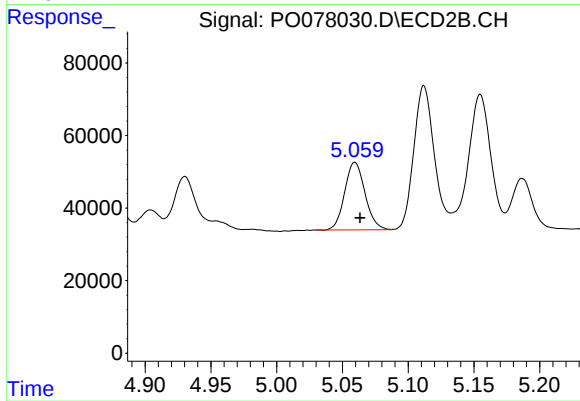
#12 AR-1232-2

R.T.: 4.871 min  
Delta R.T.: -0.005 min  
Response: 328871  
Conc: 494.36 ng/ml



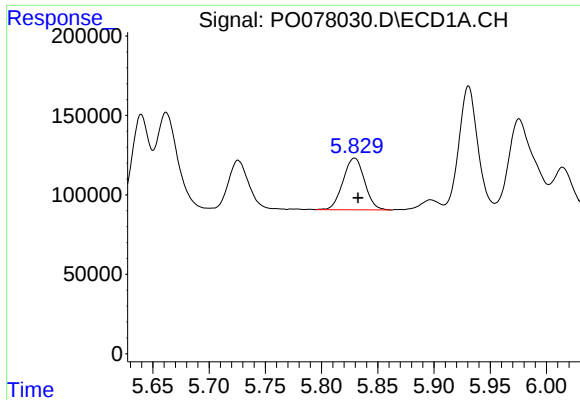
#13 AR-1232-3

R.T.: 5.662 min  
Delta R.T.: -0.002 min  
Response: 853985  
Conc: 588.15 ng/ml



#13 AR-1232-3

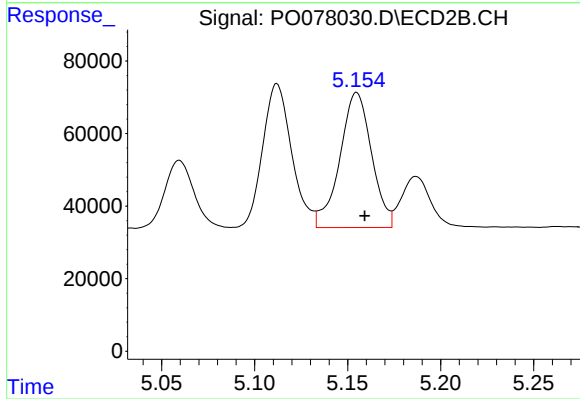
R.T.: 5.060 min  
Delta R.T.: -0.004 min  
Response: 201115  
Conc: 591.81 ng/ml



#14 AR-1232-4

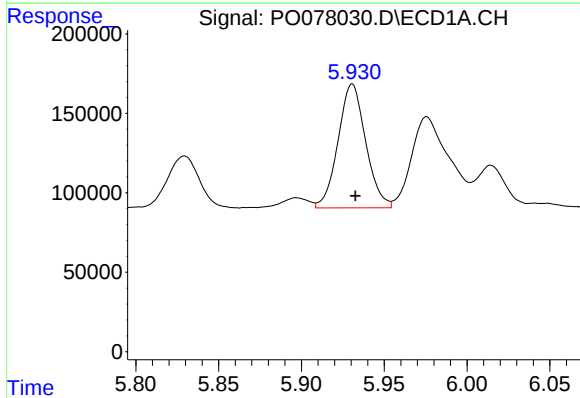
R.T.: 5.829 min  
Delta R.T.: -0.003 min  
Response: 434609  
Conc: 605.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



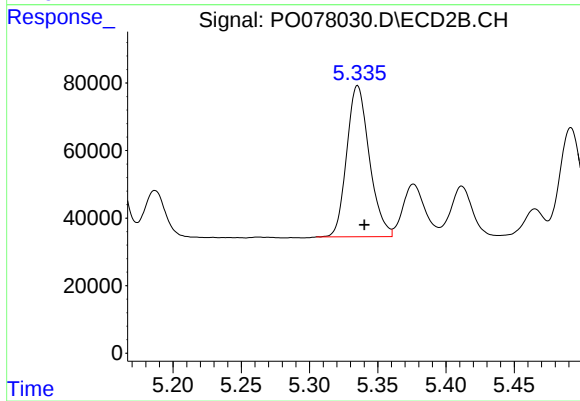
#14 AR-1232-4

R.T.: 5.155 min  
Delta R.T.: -0.004 min  
Response: 442581  
Conc: 1397.09 ng/ml



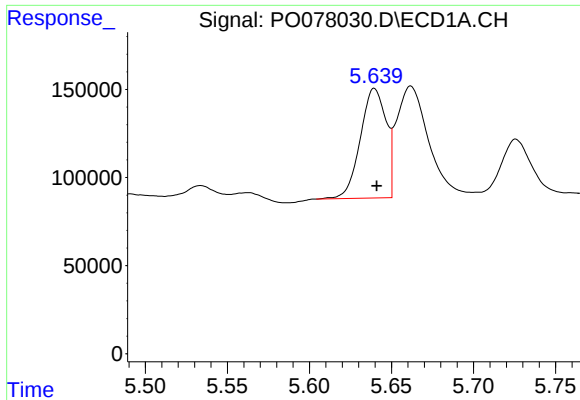
#15 AR-1232-5

R.T.: 5.931 min  
Delta R.T.: -0.002 min  
Response: 906716  
Conc: 1846.69 ng/ml



#15 AR-1232-5

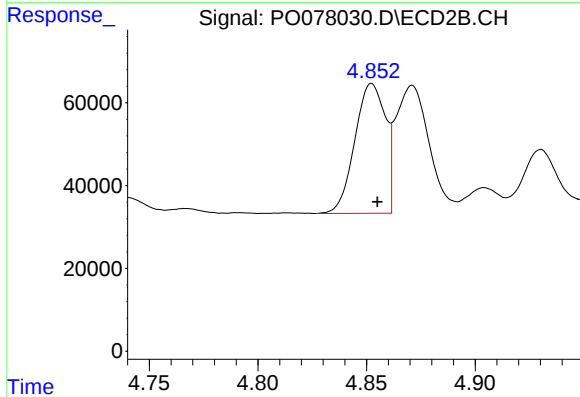
R.T.: 5.335 min  
Delta R.T.: -0.005 min  
Response: 516332  
Conc: 1483.97 ng/ml



#16 AR-1242-1

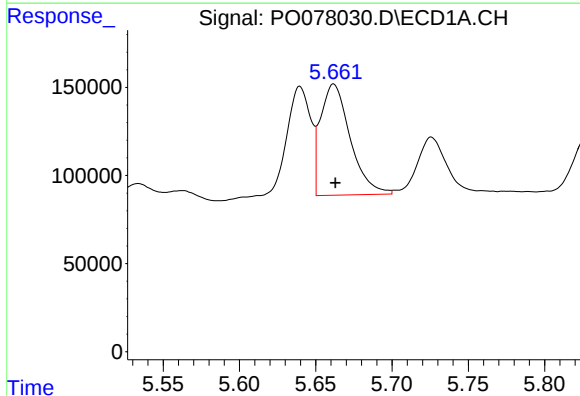
R.T.: 5.640 min  
Delta R.T.: -0.001 min  
Response: 680394  
Conc: 370.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



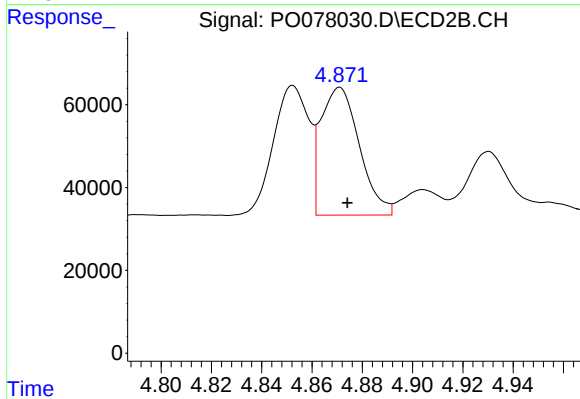
#16 AR-1242-1

R.T.: 4.852 min  
Delta R.T.: -0.003 min  
Response: 307222  
Conc: 357.69 ng/ml



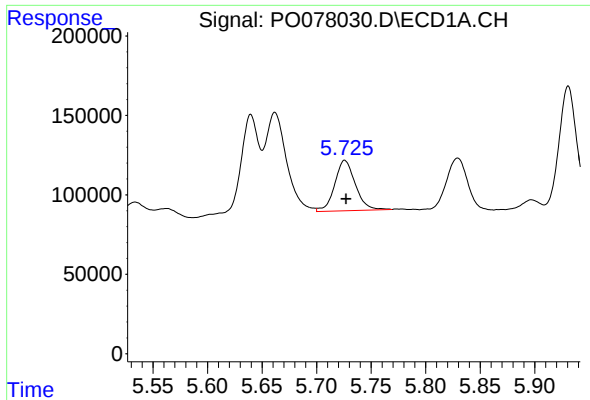
#17 AR-1242-2

R.T.: 5.662 min  
Delta R.T.: -0.001 min  
Response: 853985  
Conc: 316.13 ng/ml



#17 AR-1242-2

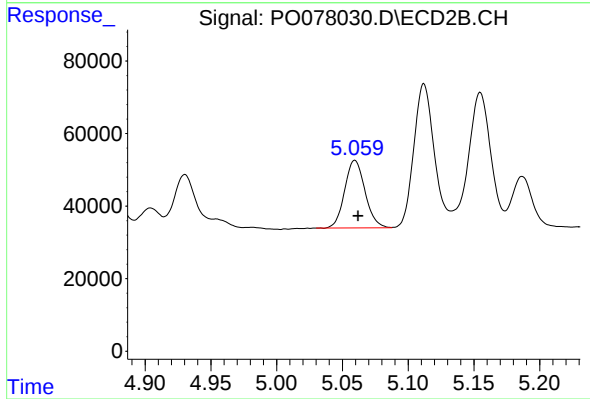
R.T.: 4.871 min  
Delta R.T.: -0.003 min  
Response: 328871  
Conc: 271.81 ng/ml



#18 AR-1242-3

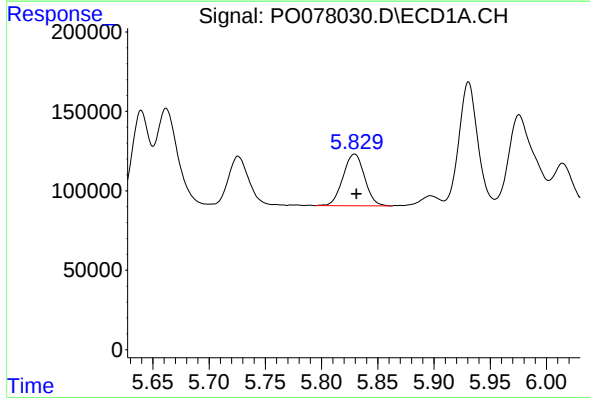
R.T.: 5.726 min  
Delta R.T.: -0.001 min  
Response: 418624  
Conc: 240.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



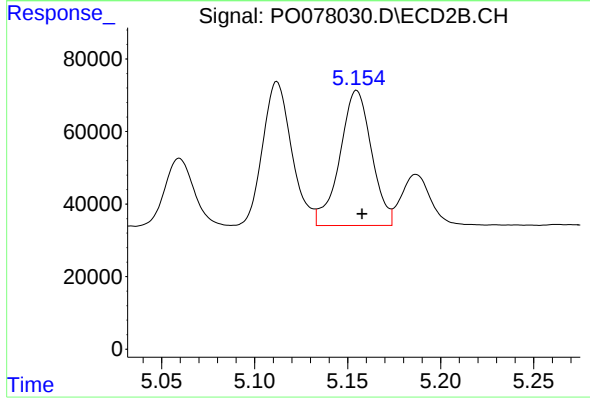
#18 AR-1242-3

R.T.: 5.060 min  
Delta R.T.: -0.002 min  
Response: 201115  
Conc: 312.16 ng/ml



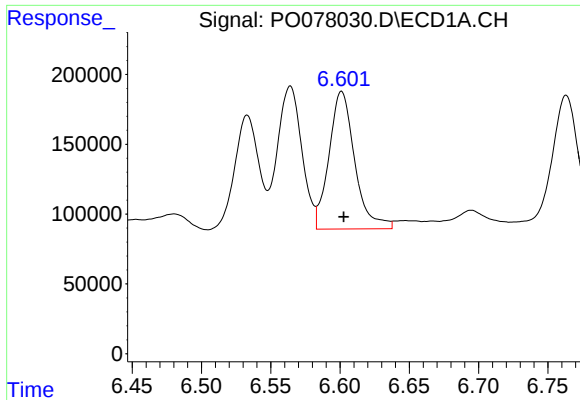
#19 AR-1242-4

R.T.: 5.829 min  
Delta R.T.: -0.002 min  
Response: 434609  
Conc: 310.88 ng/ml



#19 AR-1242-4

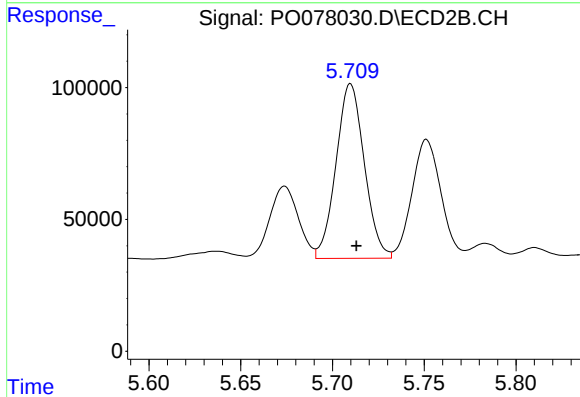
R.T.: 5.155 min  
Delta R.T.: -0.003 min  
Response: 442581  
Conc: 654.65 ng/ml



#20 AR-1242-5

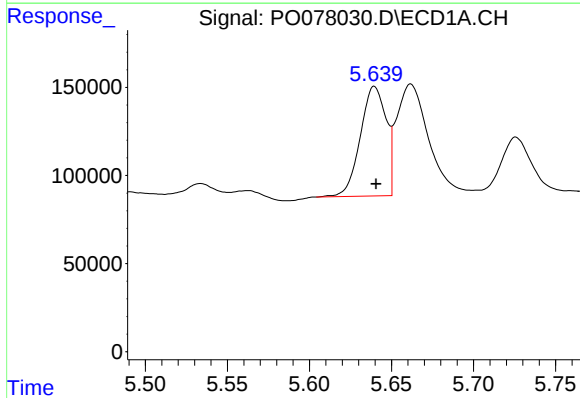
R.T.: 6.601 min  
Delta R.T.: -0.001 min  
Response: 1277137  
Conc: 954.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



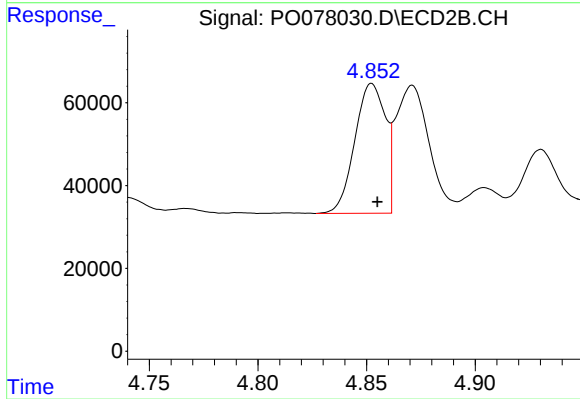
#20 AR-1242-5

R.T.: 5.710 min  
Delta R.T.: -0.003 min  
Response: 710920  
Conc: 866.97 ng/ml



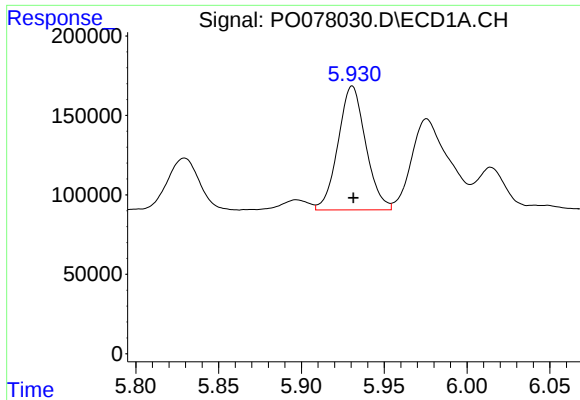
#21 AR-1248-1

R.T.: 5.640 min  
Delta R.T.: -0.001 min  
Response: 680394  
Conc: 477.50 ng/ml



#21 AR-1248-1

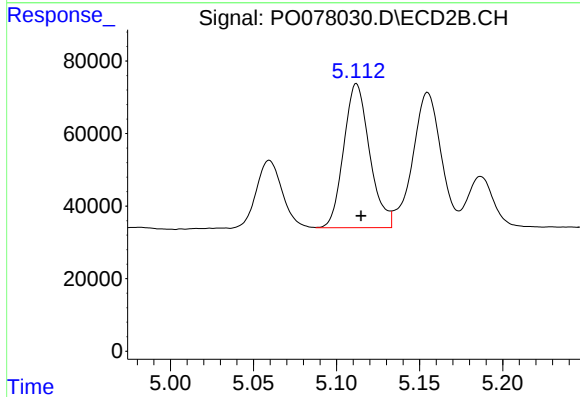
R.T.: 4.852 min  
Delta R.T.: -0.003 min  
Response: 307222  
Conc: 476.72 ng/ml



#22 AR-1248-2

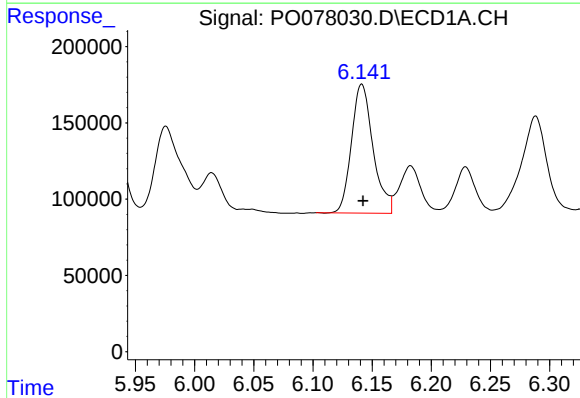
R.T.: 5.931 min  
Delta R.T.: 0.000 min  
Response: 906716  
Conc: 477.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



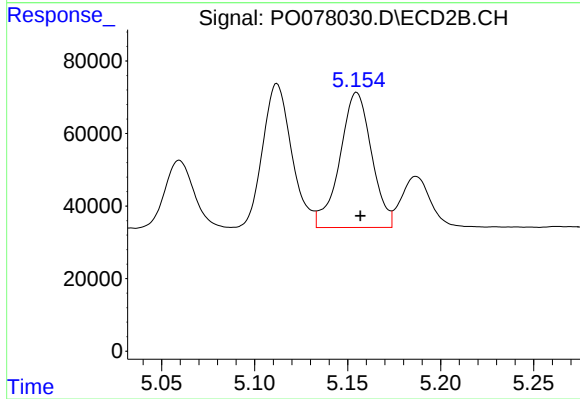
#22 AR-1248-2

R.T.: 5.112 min  
Delta R.T.: -0.003 min  
Response: 431555  
Conc: 451.44 ng/ml



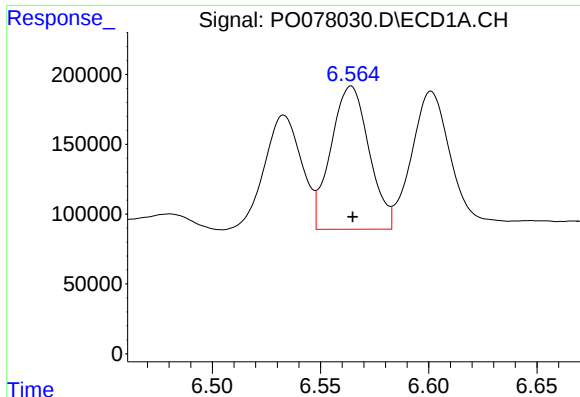
#23 AR-1248-3

R.T.: 6.141 min  
Delta R.T.: -0.001 min  
Response: 1072664  
Conc: 483.61 ng/ml



#23 AR-1248-3

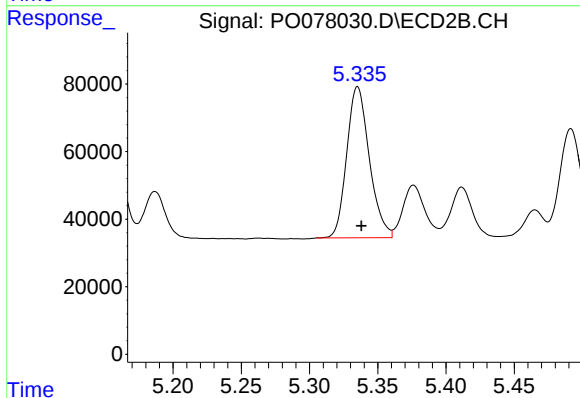
R.T.: 5.155 min  
Delta R.T.: -0.002 min  
Response: 442581  
Conc: 460.43 ng/ml



#24 AR-1248-4

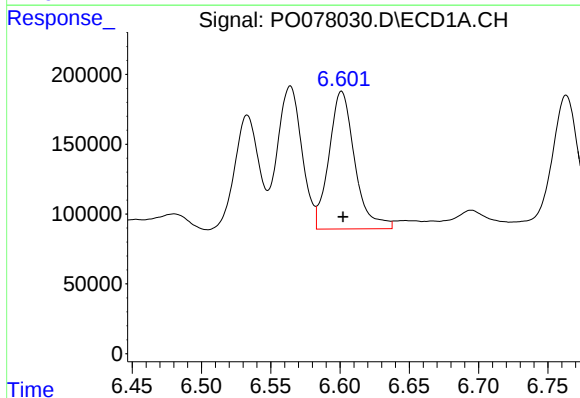
R.T.: 6.564 min  
Delta R.T.: 0.000 min  
Response: 1259526  
Conc: 541.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



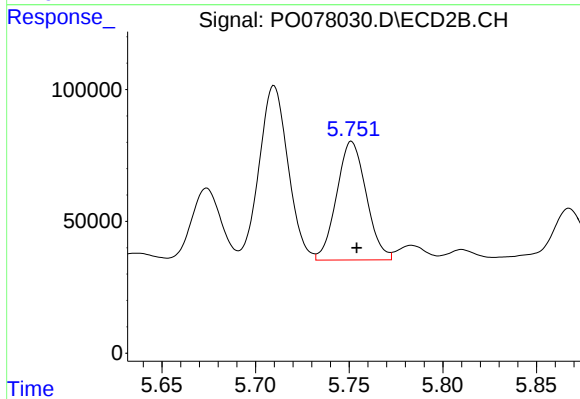
#24 AR-1248-4

R.T.: 5.335 min  
Delta R.T.: -0.003 min  
Response: 516332  
Conc: 450.84 ng/ml



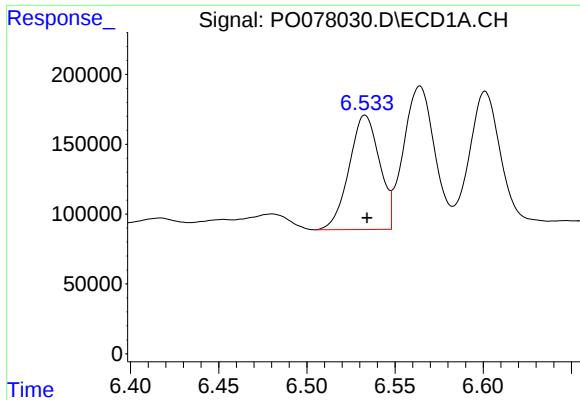
#25 AR-1248-5

R.T.: 6.601 min  
Delta R.T.: -0.001 min  
Response: 1277137  
Conc: 564.46 ng/ml



#25 AR-1248-5

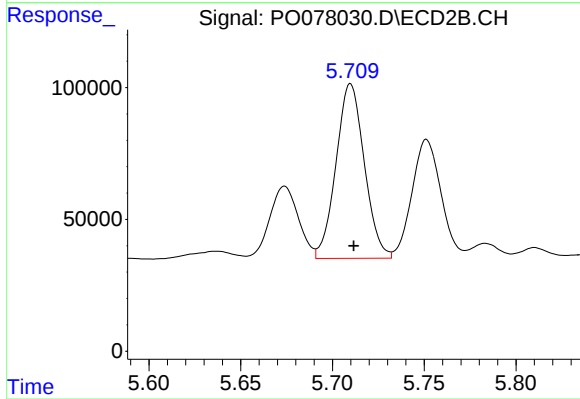
R.T.: 5.751 min  
Delta R.T.: -0.003 min  
Response: 494170  
Conc: 471.60 ng/ml



#26 AR-1254-1

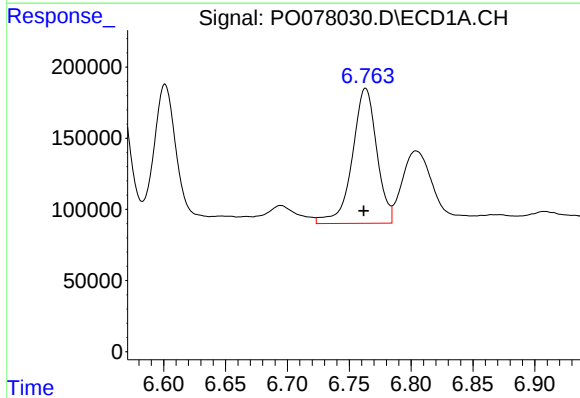
R.T.: 6.533 min  
Delta R.T.: -0.001 min  
Response: 984312  
Conc: 396.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



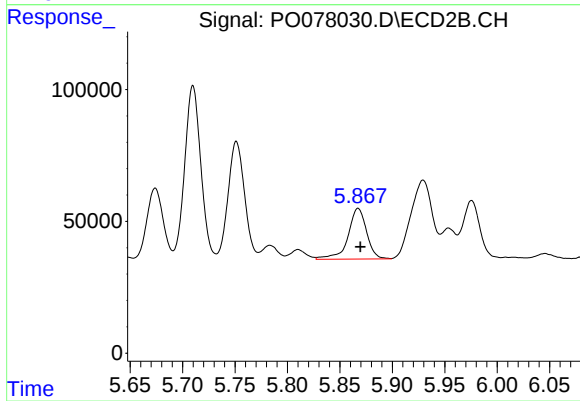
#26 AR-1254-1

R.T.: 5.710 min  
Delta R.T.: -0.002 min  
Response: 710920  
Conc: 412.22 ng/ml



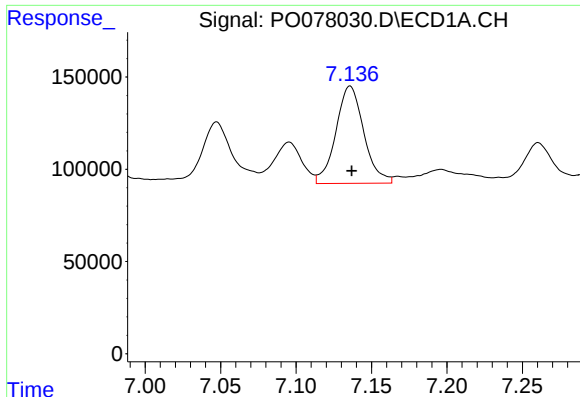
#27 AR-1254-2

R.T.: 6.763 min  
Delta R.T.: 0.001 min  
Response: 1305133  
Conc: 336.33 ng/ml



#27 AR-1254-2

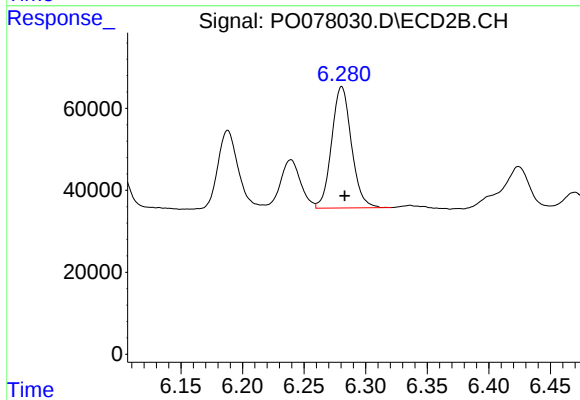
R.T.: 5.867 min  
Delta R.T.: -0.002 min  
Response: 237074  
Conc: 147.90 ng/ml



#28 AR-1254-3

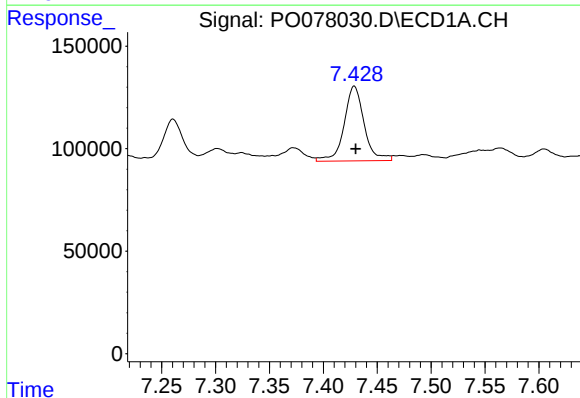
R.T.: 7.136 min  
Delta R.T.: 0.000 min  
Response: 680673  
Conc: 173.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



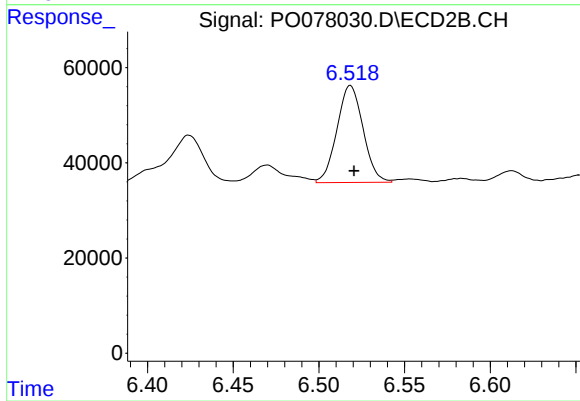
#28 AR-1254-3

R.T.: 6.281 min  
Delta R.T.: -0.002 min  
Response: 331908  
Conc: 139.06 ng/ml



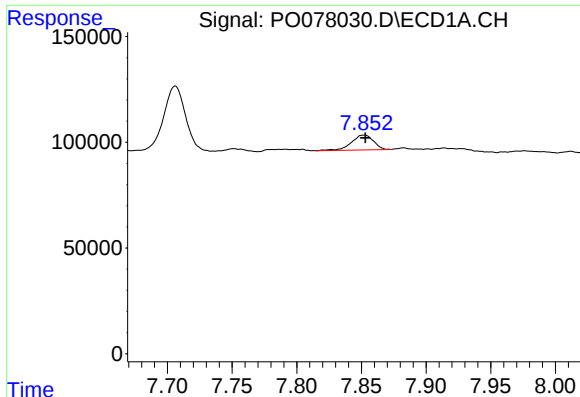
#29 AR-1254-4

R.T.: 7.429 min  
Delta R.T.: -0.001 min  
Response: 473082  
Conc: 174.20 ng/ml



#29 AR-1254-4

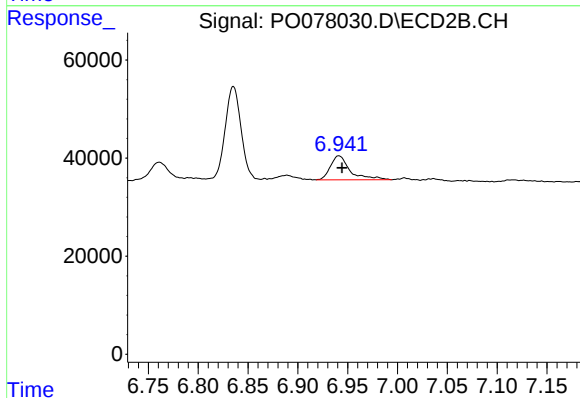
R.T.: 6.518 min  
Delta R.T.: -0.002 min  
Response: 216252  
Conc: 148.95 ng/ml



#30 AR-1254-5

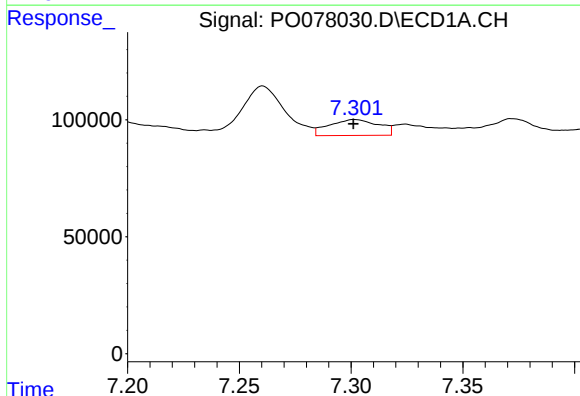
R.T.: 7.852 min  
Delta R.T.: -0.001 min  
Response: 83097  
Conc: 28.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



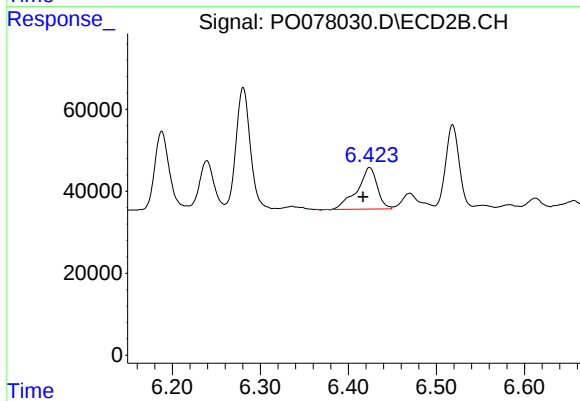
#30 AR-1254-5

R.T.: 6.941 min  
Delta R.T.: -0.003 min  
Response: 67686  
Conc: 29.78 ng/ml



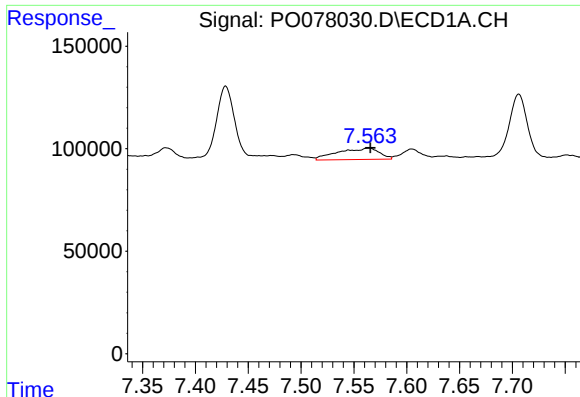
#31 AR-1260-1

R.T.: 7.302 min  
Delta R.T.: 0.000 min  
Response: 104693  
Conc: 37.31 ng/ml



#31 AR-1260-1

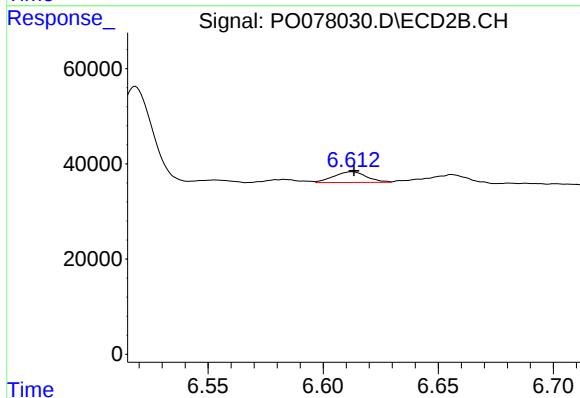
R.T.: 6.424 min  
Delta R.T.: 0.007 min  
Response: 160571  
Conc: 100.22 ng/ml



#32 AR-1260-2

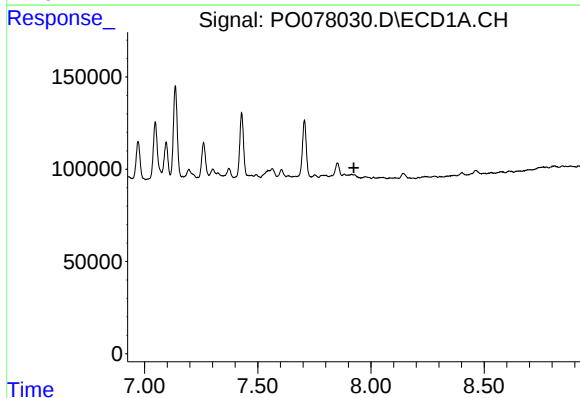
R.T.: 7.564 min  
Delta R.T.: -0.002 min  
Response: 150710  
Conc: 44.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



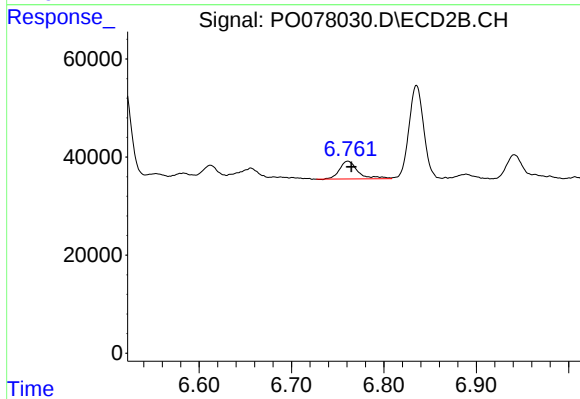
#32 AR-1260-2

R.T.: 6.612 min  
Delta R.T.: -0.001 min  
Response: 22507  
Conc: 11.66 ng/ml



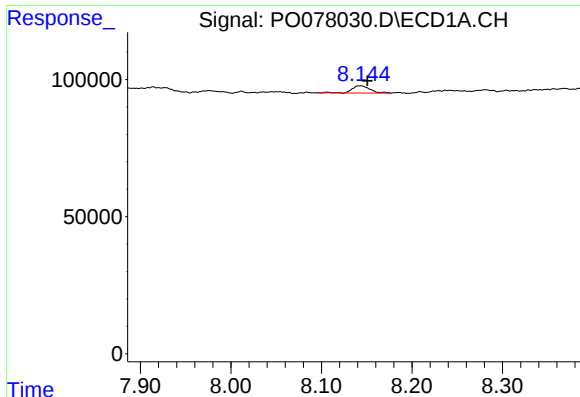
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.924 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

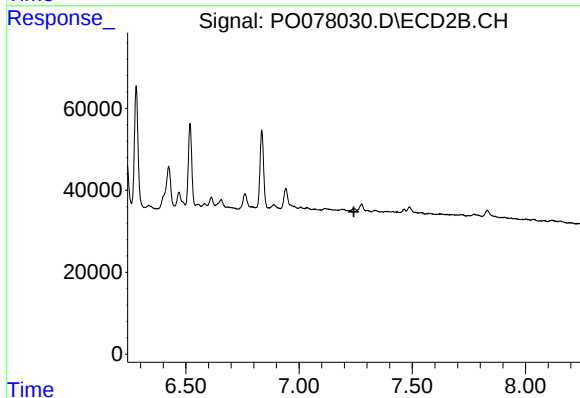
R.T.: 6.761 min  
Delta R.T.: -0.004 min  
Response: 50308  
Conc: 27.42 ng/ml



#34 AR-1260-4

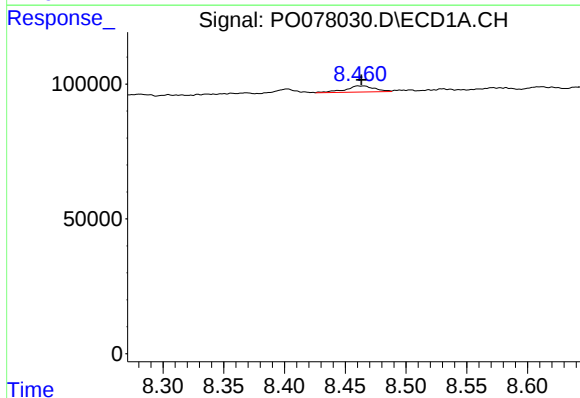
R.T.: 8.142 min  
Delta R.T.: -0.008 min  
Response: 37831  
Conc: 14.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



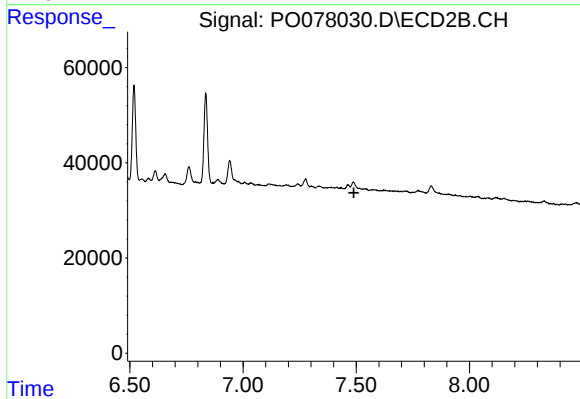
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.242 min  
Response: 0  
Conc: N.D.



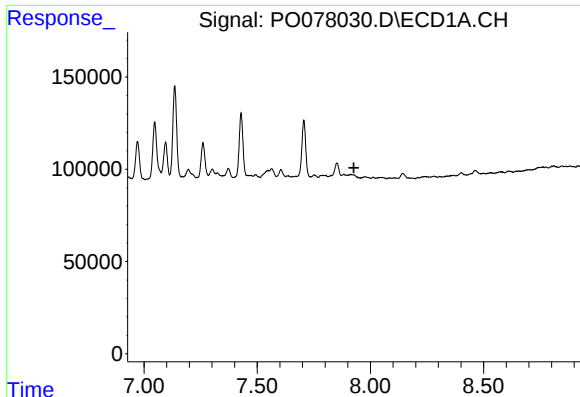
#35 AR-1260-5

R.T.: 8.461 min  
Delta R.T.: -0.002 min  
Response: 37440  
Conc: 7.29 ng/ml



#35 AR-1260-5

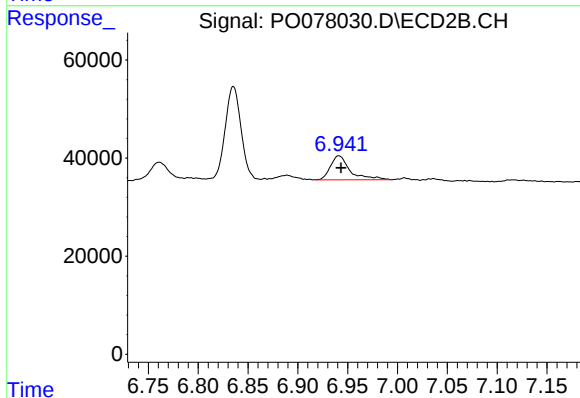
R.T.: 0.000 min  
Exp R.T. : 7.489 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

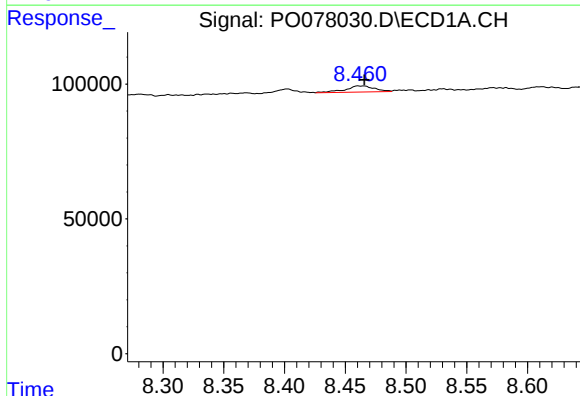
R.T.: 0.000 min  
Exp R.T.: 7.927 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



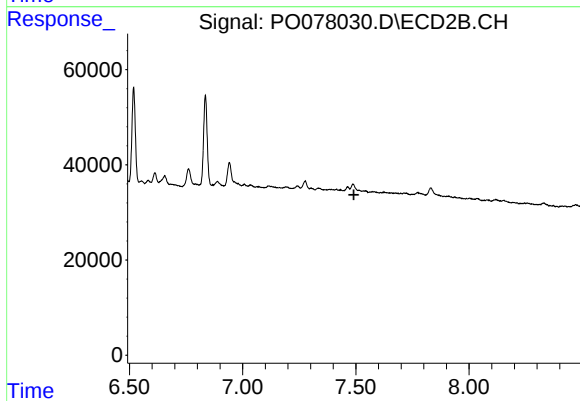
#36 AR-1262-1

R.T.: 6.941 min  
Delta R.T.: -0.002 min  
Response: 67686  
Conc: 57.68 ng/ml



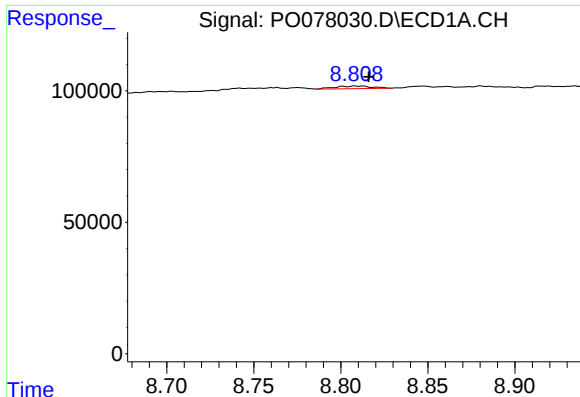
#37 AR-1262-2

R.T.: 8.461 min  
Delta R.T.: -0.005 min  
Response: 37440  
Conc: 6.22 ng/ml



#37 AR-1262-2

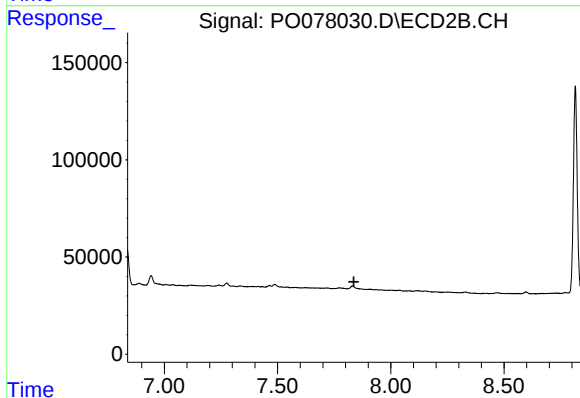
R.T.: 0.000 min  
Exp R.T.: 7.491 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

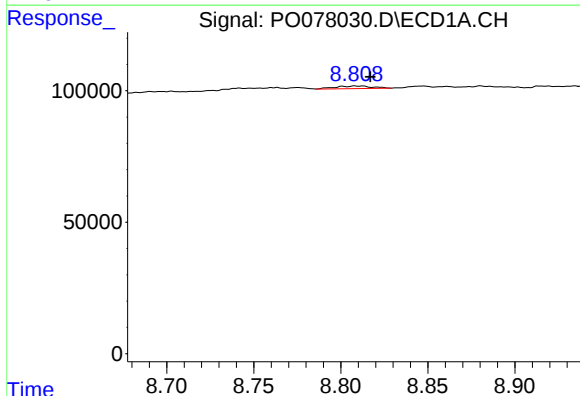
R.T.: 8.808 min  
Delta R.T.: -0.008 min  
Response: 14964  
Conc: 4.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



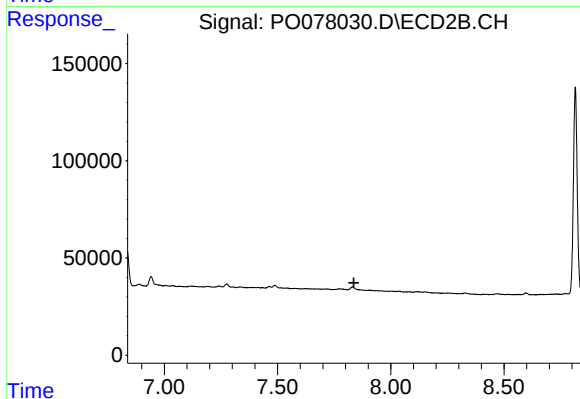
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 7.837 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 8.808 min  
Delta R.T.: -0.009 min  
Response: 14964  
Conc: 2.31 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 7.837 min  
Response: 0  
Conc: N.D.