

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO101718\  
 Data File : PO050183.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 18 Oct 2018 8:17  
 Operator : SM/SJ  
 Sample : J5314-03RE  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 DOCUMENTATION-20RE

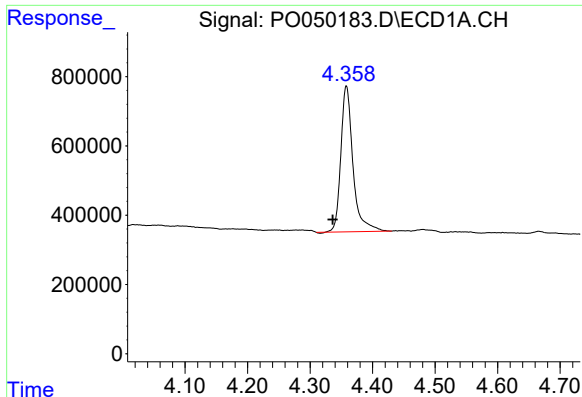
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 18 10:59:58 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101718.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Oct 18 07:47:12 2018  
 Response via : Initial Calibration  
 Integrator: 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... | 4.358  | 3.361 | 5665535 | 3178495 | 27.912  | 15.911 #  |
| 2)                          | SA Decachlor... | 10.105 | 8.120 | 1975089 | 1605990 | 8.201   | 8.255     |
| Target Compounds            |                 |        |       |         |         |         |           |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.605 | 0       | 173527  | N.D.    | 28.124 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.605 | 0       | 173527  | N.D.    | 35.347 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 4.752 | 0       | 492733  | N.D.    | 75.469 #  |
| 10)                         | L2 AR-1221-3    | 0.000  | 3.753 | 0       | 937697  | N.D.    | 200.623 # |
| 11)                         | L3 AR-1232-1    | 0.000  | 3.753 | 0       | 937697  | N.D.    | 271.559 # |
| 13)                         | L3 AR-1232-3    | 0.000  | 4.605 | 0       | 173527  | N.D.    | 87.497 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.605 | 0       | 173527  | N.D.    | 96.342 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 4.752 | 0       | 492733  | N.D.    | 246.064 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.605 | 0       | 173527  | N.D.    | 44.874 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.605 | 0       | 173527  | N.D.    | 43.952 #  |
| 20)                         | L4 AR-1242-5    | 6.470  | 5.139 | 935075  | 3529808 | 148.888 | 760.424 # |
| 22)                         | L5 AR-1248-2    | 0.000  | 4.605 | 0       | 173527  | N.D.    | 29.386 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 4.605 | 0       | 173527  | N.D.    | 29.194 #  |
| 24)                         | L5 AR-1248-4    | 6.398  | 4.752 | 4341106 | 492733  | 389.568 | 67.227 #  |
| 25)                         | L5 AR-1248-5    | 6.470  | 5.208 | 935075  | 754561  | 87.106  | 106.145   |
| 26)                         | L6 AR-1254-1    | 6.398  | 5.139 | 4341106 | 3529808 | 335.752 | 272.748   |
| 27)                         | L6 AR-1254-2    | 6.620  | 5.282 | 3781741 | 2328663 | 184.429 | 200.802   |
| 28)                         | L6 AR-1254-3    | 6.990  | 5.665 | 7265234 | 9949647 | 324.925 | 512.722 # |
| 29)                         | L6 AR-1254-4    | 7.278  | 5.887 | 1766567 | 1160982 | 114.983 | 101.508   |
| 30)                         | L6 AR-1254-5    | 7.648  | 6.289 | 1482150 | 8239462 | 86.018  | 464.599 # |
| 31)                         | L7 AR-1260-1    | 7.109  | 5.792 | 1286914 | 6791040 | 68.563  | 451.908 # |
| 32)                         | L7 AR-1260-2    | 7.413  | 5.974 | 6654644 | 5841709 | 300.838 | 317.104   |
| 33)                         | L7 AR-1260-3    | 7.777  | 6.118 | 2400736 | 4794123 | 152.564 | 280.444 # |
| 34)                         | L7 AR-1260-4    | 7.998  | 6.577 | 4589263 | 1551426 | 246.833 | 114.304 # |
| 35)                         | L7 AR-1260-5    | 8.324  | 6.815 | 3861386 | 3708922 | 114.832 | 120.798   |
| 36)                         | L8 AR-1262-1    | 7.777  | 6.327 | 2400736 | 1704009 | 145.194 | 105.616 # |
| 37)                         | L8 AR-1262-2    | 8.324  | 6.815 | 3861386 | 3708922 | 132.588 | 138.030   |
| 38)                         | L8 AR-1262-3    | 8.646  | 7.091 | 2601597 | 695939  | 134.633 | 65.220 #  |
| 39)                         | L8 AR-1262-4    | 8.699  | 7.150 | 1219110 | 2899434 | 80.187  | 147.054 # |
| 40)                         | L8 AR-1262-5    | 9.371  | 7.637 | 604676  | 510779  | 67.983  | 62.898    |
| 41)                         | L9 AR-1268-1    | 8.646  | 7.091 | 2601597 | 695939  | 72.391  | 20.901 #  |
| 42)                         | L9 AR-1268-2    | 8.699  | 7.150 | 1219110 | 2899434 | 36.822  | 93.547 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 7.348 | 0       | 239053  | N.D.    | 9.061 #   |
| 44)                         | L9 AR-1268-4    | 9.371  | 7.637 | 604676  | 510779  | 56.701  | 52.412    |
| 45)                         | L9 AR-1268-5    | 0.000  | 7.903 | 0       | 179013  | N.D.    | 2.433 #   |
| -----                       |                 |        |       |         |         |         |           |

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

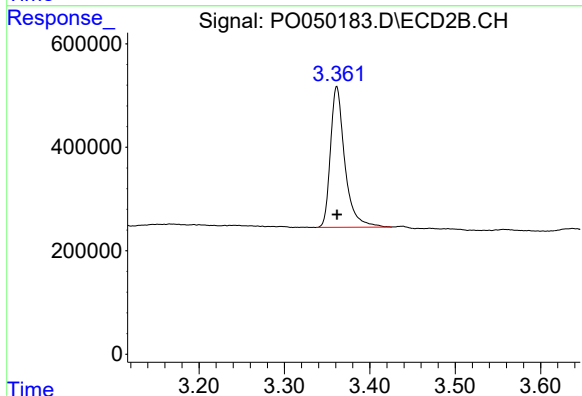




#1 Tetrachloro-m-xylene

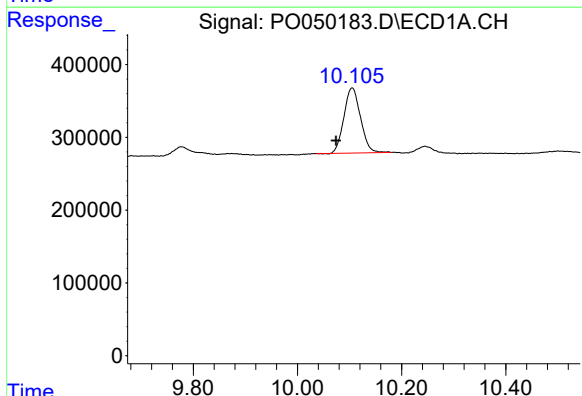
R.T.: 4.358 min  
Delta R.T.: 0.022 min  
Response: 5665535  
Conc: 27.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DOCUMENTATION-20RE



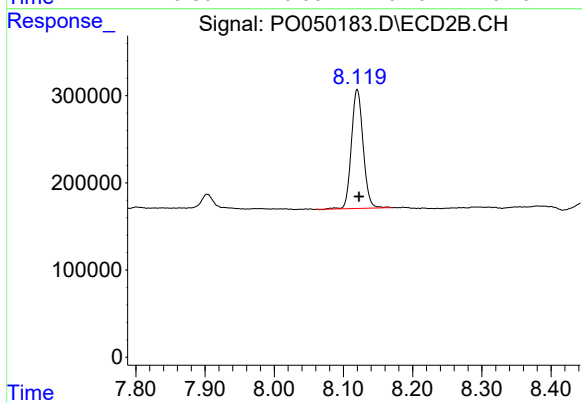
#1 Tetrachloro-m-xylene

R.T.: 3.361 min  
Delta R.T.: 0.000 min  
Response: 3178495  
Conc: 15.91 ng/ml



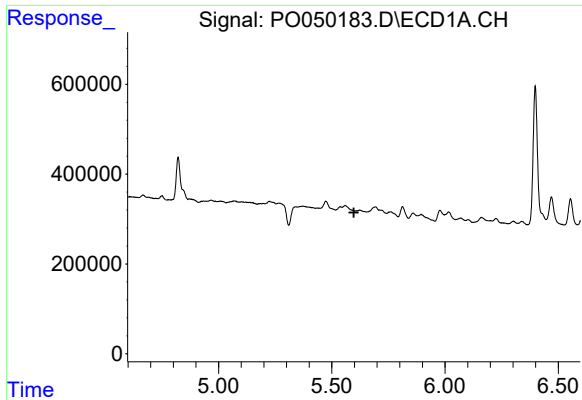
#2 Decachlorobiphenyl

R.T.: 10.105 min  
Delta R.T.: 0.031 min  
Response: 1975089  
Conc: 8.20 ng/ml



#2 Decachlorobiphenyl

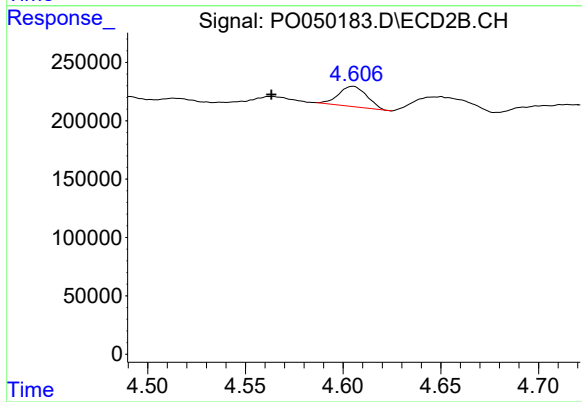
R.T.: 8.120 min  
Delta R.T.: -0.003 min  
Response: 1605990  
Conc: 8.26 ng/ml



#5 AR-1016-3

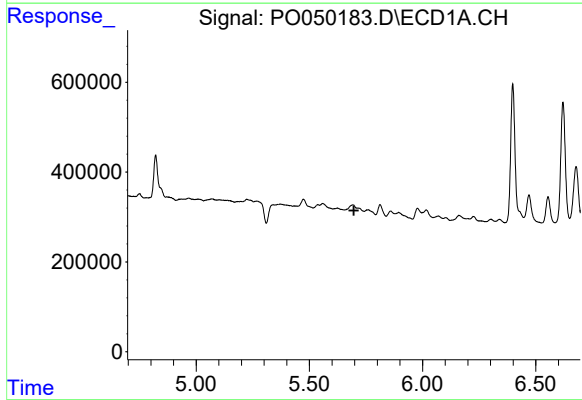
R.T.: 0.000 min  
Exp R.T.: 5.597 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DOCUMENTATION-20RE



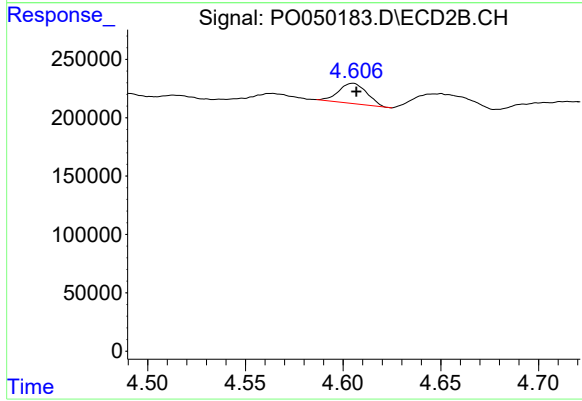
#5 AR-1016-3

R.T.: 4.605 min  
Delta R.T.: 0.042 min  
Response: 173527  
Conc: 28.12 ng/ml



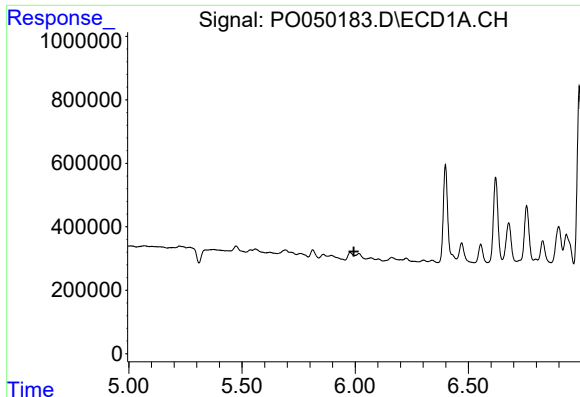
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.697 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

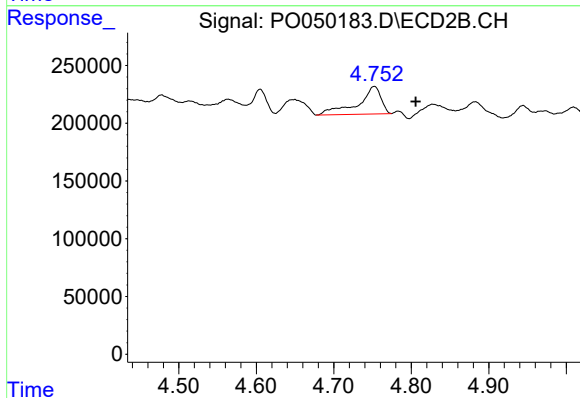
R.T.: 4.605 min  
Delta R.T.: -0.002 min  
Response: 173527  
Conc: 35.35 ng/ml



#7 AR-1016-5

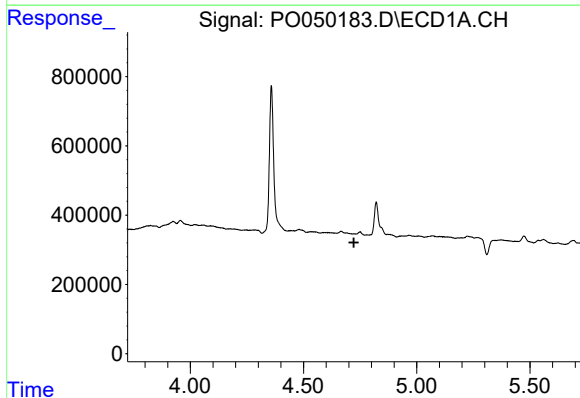
R.T.: 0.000 min  
Exp R.T.: 5.994 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DOCUMENTATION-20RE



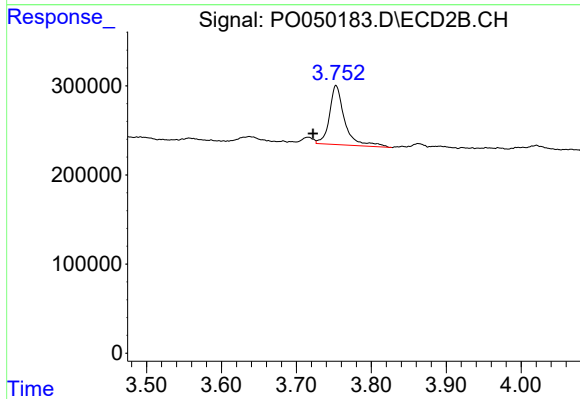
#7 AR-1016-5

R.T.: 4.752 min  
Delta R.T.: -0.053 min  
Response: 492733  
Conc: 75.47 ng/ml



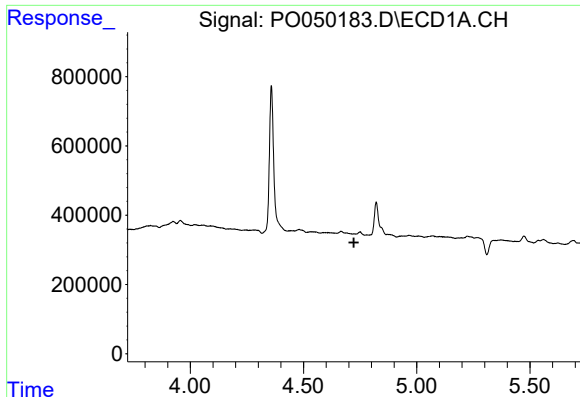
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T.: 4.723 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

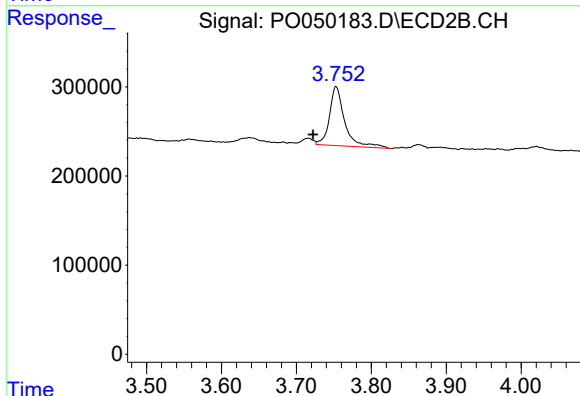
R.T.: 3.753 min  
Delta R.T.: 0.030 min  
Response: 937697  
Conc: 200.62 ng/ml



#11 AR-1232-1

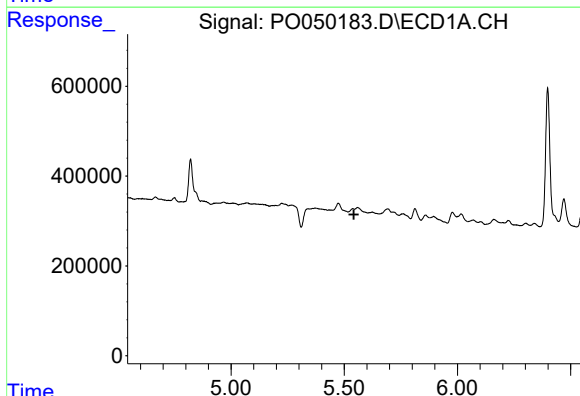
R.T.: 0.000 min  
Exp R.T. : 4.723 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DOCUMENTATION-20RE



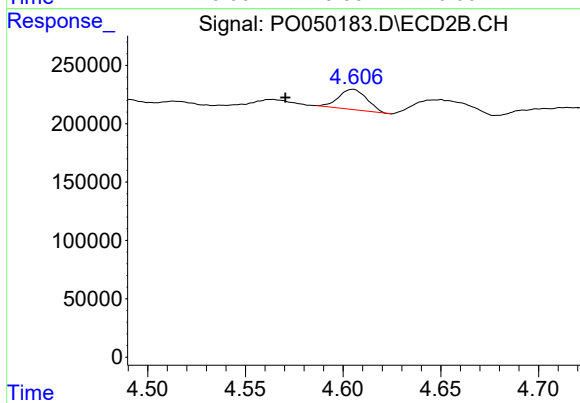
#11 AR-1232-1

R.T.: 3.753 min  
Delta R.T.: 0.031 min  
Response: 937697  
Conc: 271.56 ng/ml



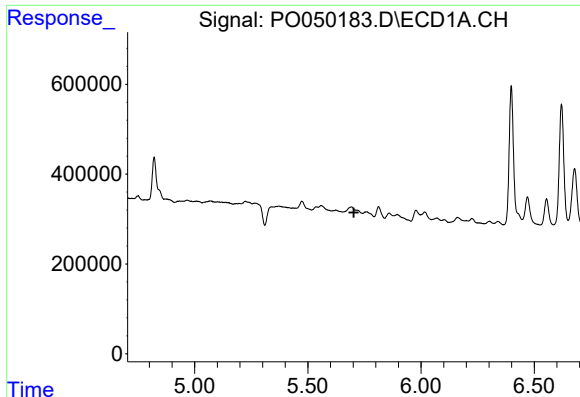
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.543 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

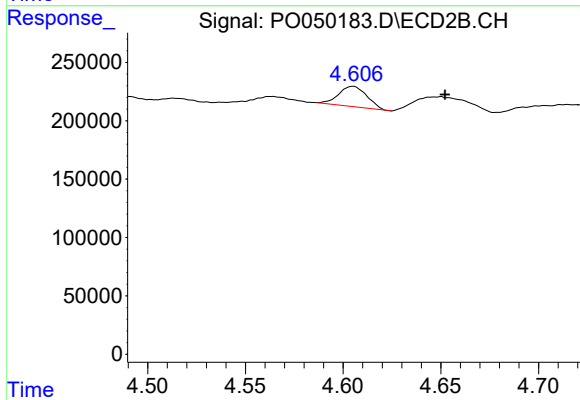
R.T.: 4.605 min  
Delta R.T.: 0.035 min  
Response: 173527  
Conc: 87.50 ng/ml



#14 AR-1232-4

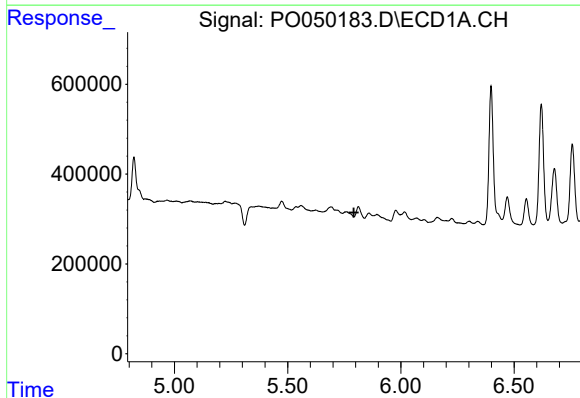
R.T.: 0.000 min  
Exp R.T.: 5.703 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DOCUMENTATION-20RE



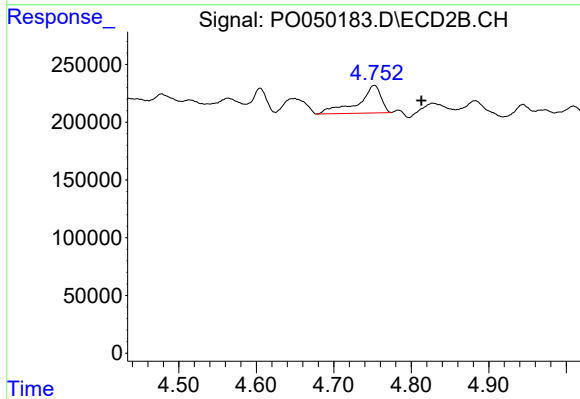
#14 AR-1232-4

R.T.: 4.605 min  
Delta R.T.: -0.047 min  
Response: 173527  
Conc: 96.34 ng/ml



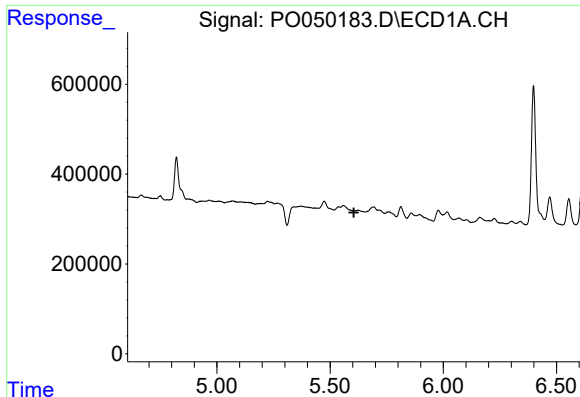
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 5.793 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

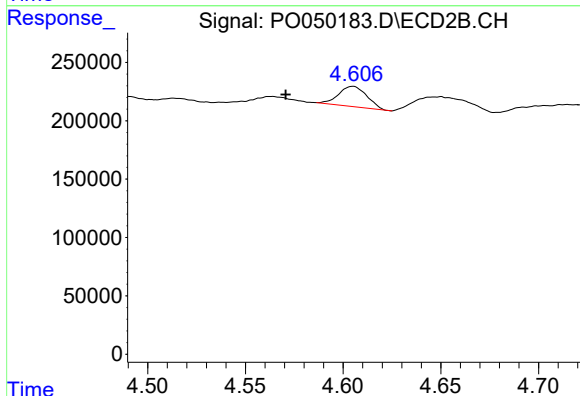
R.T.: 4.752 min  
Delta R.T.: -0.061 min  
Response: 492733  
Conc: 246.06 ng/ml



#18 AR-1242-3

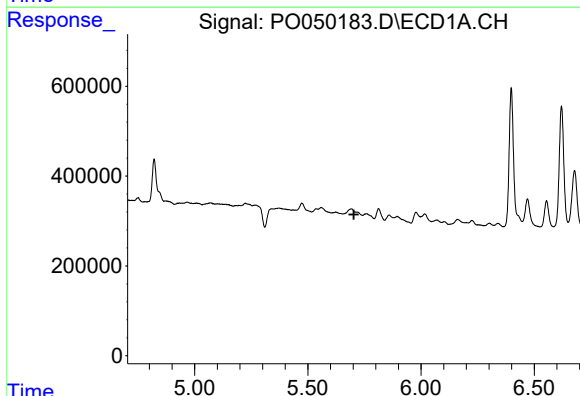
R.T.: 0.000 min  
Exp R.T.: 5.605 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DOCUMENTATION-20RE



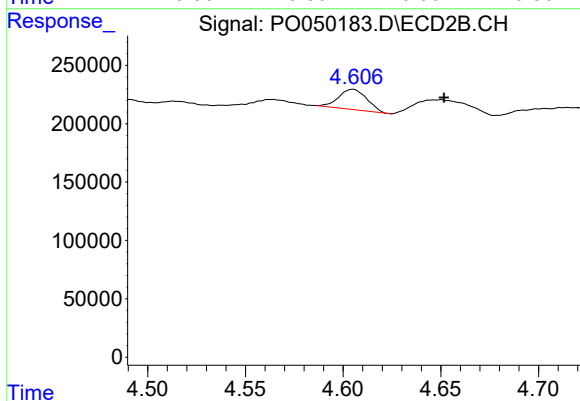
#18 AR-1242-3

R.T.: 4.605 min  
Delta R.T.: 0.034 min  
Response: 173527  
Conc: 44.87 ng/ml



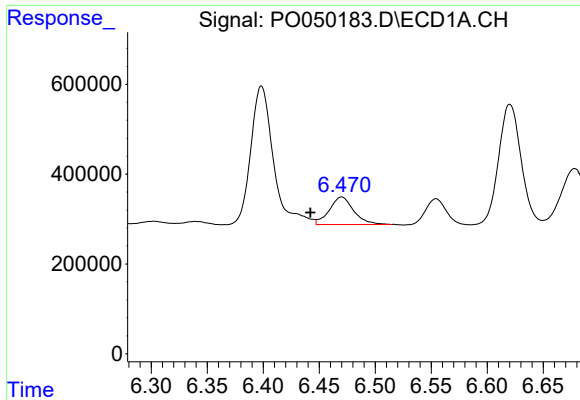
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.704 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

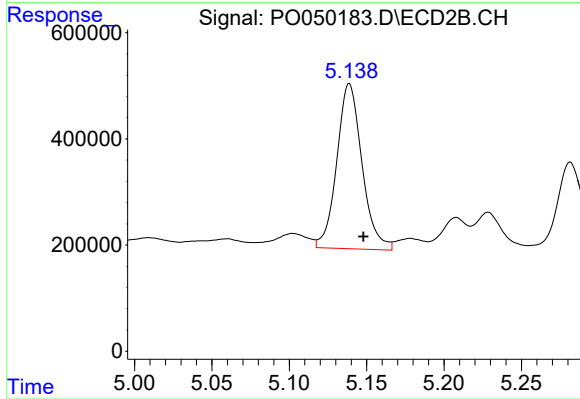
R.T.: 4.605 min  
Delta R.T.: -0.047 min  
Response: 173527  
Conc: 43.95 ng/ml



#20 AR-1242-5

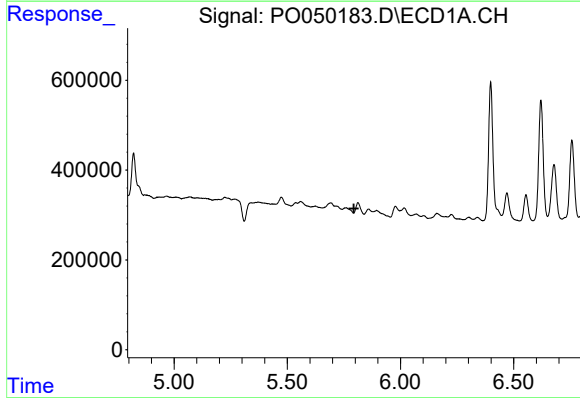
R.T.: 6.470 min  
Delta R.T.: 0.028 min  
Response: 935075  
Conc: 148.89 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DOCUMENTATION-20RE



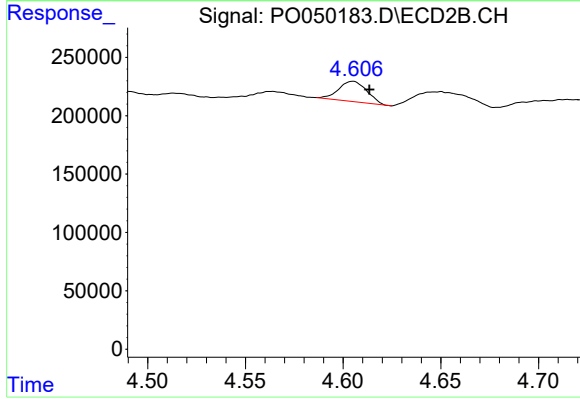
#20 AR-1242-5

R.T.: 5.139 min  
Delta R.T.: -0.009 min  
Response: 3529808  
Conc: 760.42 ng/ml



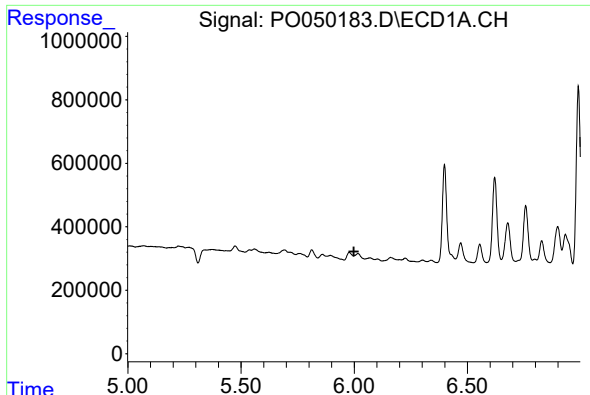
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.794 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

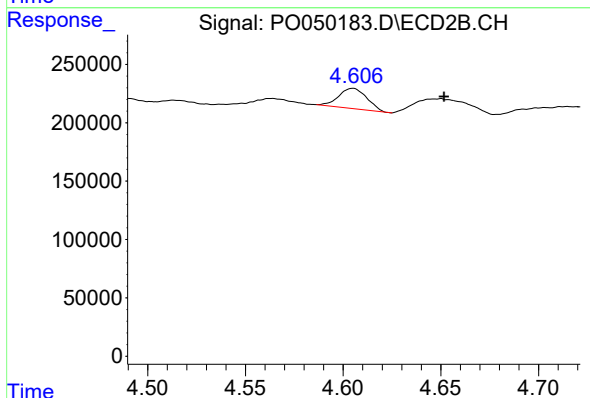
R.T.: 4.605 min  
Delta R.T.: -0.008 min  
Response: 173527  
Conc: 29.39 ng/ml



#23 AR-1248-3

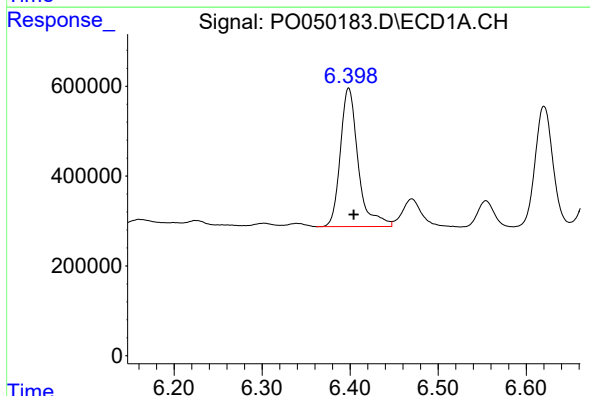
R.T.: 0.000 min  
Exp R.T.: 5.998 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DOCUMENTATION-20RE



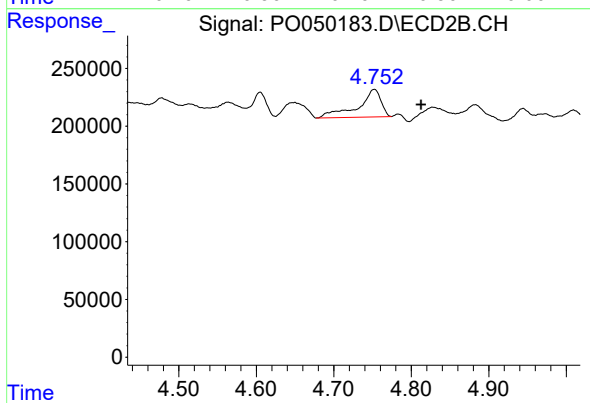
#23 AR-1248-3

R.T.: 4.605 min  
Delta R.T.: -0.046 min  
Response: 173527  
Conc: 29.19 ng/ml



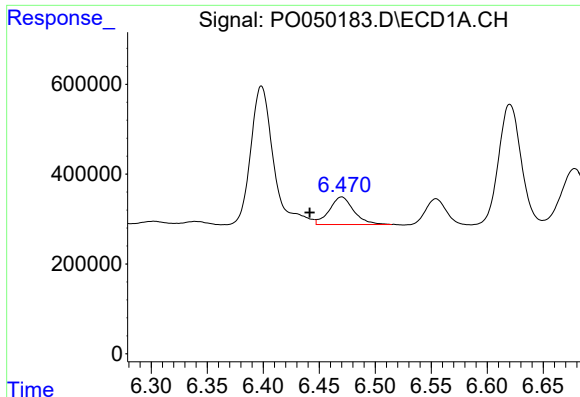
#24 AR-1248-4

R.T.: 6.398 min  
Delta R.T.: -0.006 min  
Response: 4341106  
Conc: 389.57 ng/ml



#24 AR-1248-4

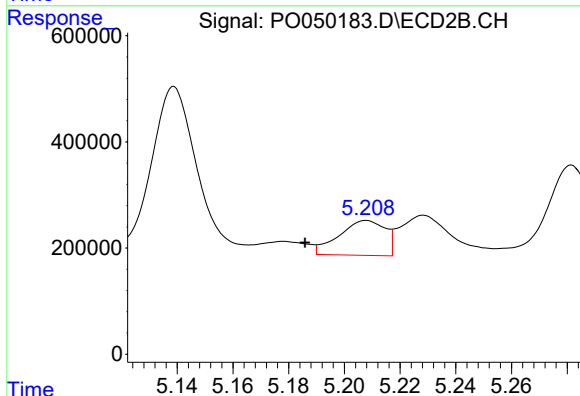
R.T.: 4.752 min  
Delta R.T.: -0.060 min  
Response: 492733  
Conc: 67.23 ng/ml



#25 AR-1248-5

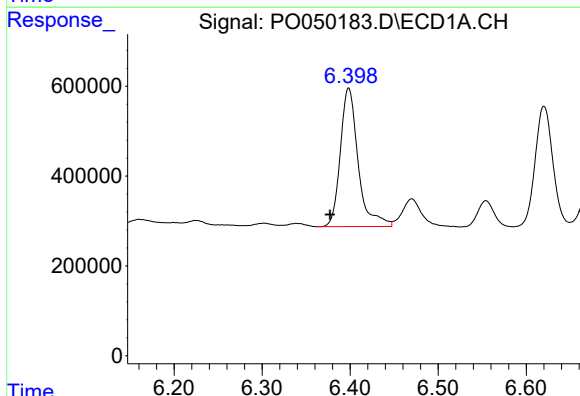
R.T.: 6.470 min  
Delta R.T.: 0.029 min  
Response: 935075  
Conc: 87.11 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DOCUMENTATION-20RE



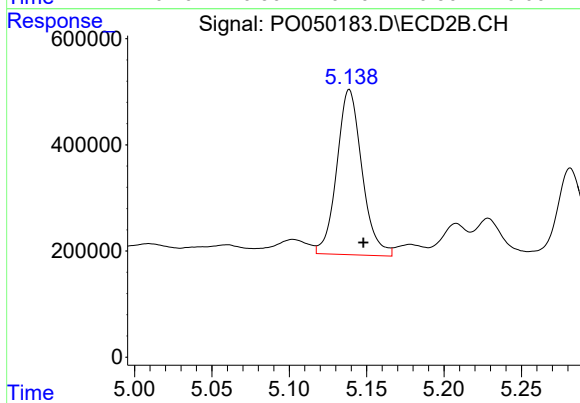
#25 AR-1248-5

R.T.: 5.208 min  
Delta R.T.: 0.022 min  
Response: 754561  
Conc: 106.15 ng/ml



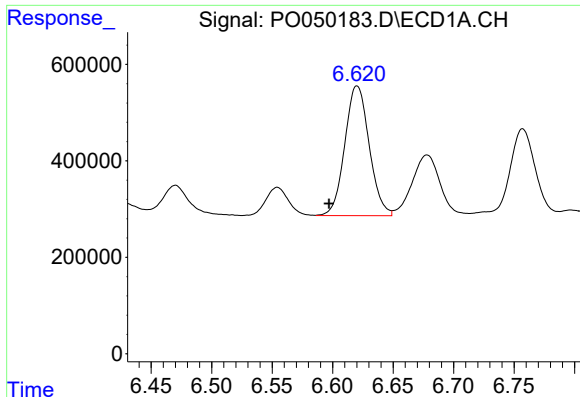
#26 AR-1254-1

R.T.: 6.398 min  
Delta R.T.: 0.021 min  
Response: 4341106  
Conc: 335.75 ng/ml



#26 AR-1254-1

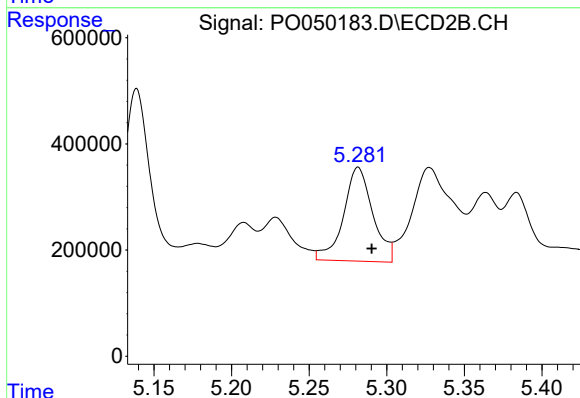
R.T.: 5.139 min  
Delta R.T.: -0.009 min  
Response: 3529808  
Conc: 272.75 ng/ml



#27 AR-1254-2

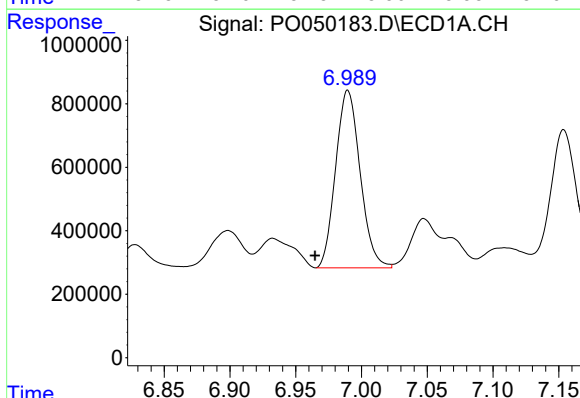
R.T.: 6.620 min  
Delta R.T.: 0.023 min  
Response: 3781741  
Conc: 184.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DOCUMENTATION-20RE



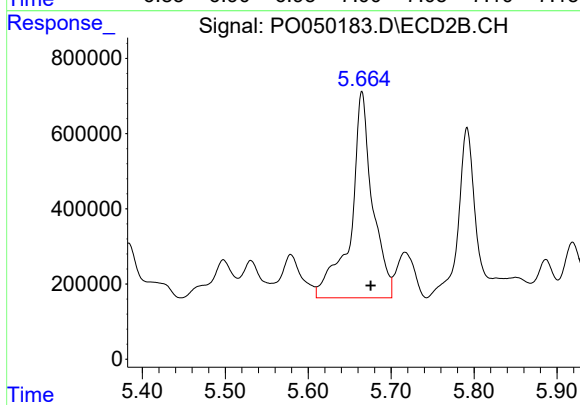
#27 AR-1254-2

R.T.: 5.282 min  
Delta R.T.: -0.009 min  
Response: 2328663  
Conc: 200.80 ng/ml



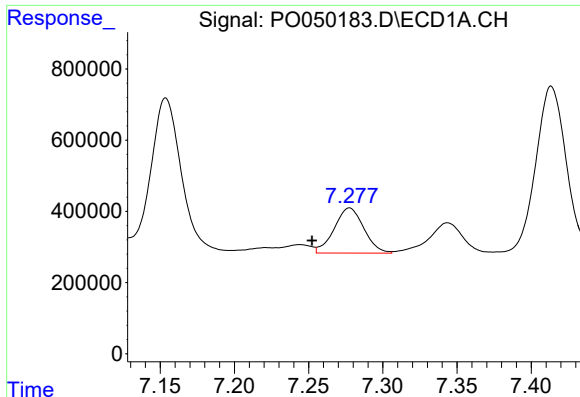
#28 AR-1254-3

R.T.: 6.990 min  
Delta R.T.: 0.025 min  
Response: 7265234  
Conc: 324.92 ng/ml



#28 AR-1254-3

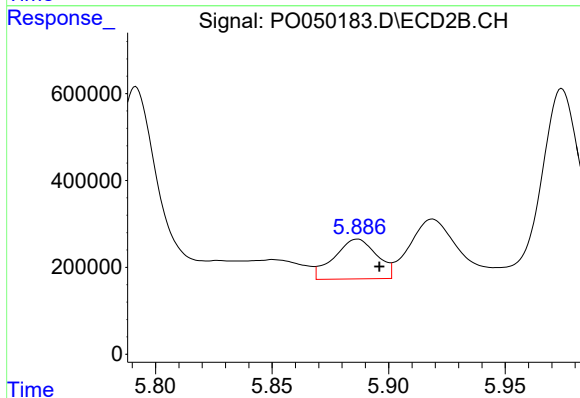
R.T.: 5.665 min  
Delta R.T.: -0.011 min  
Response: 9949647  
Conc: 512.72 ng/ml



#29 AR-1254-4

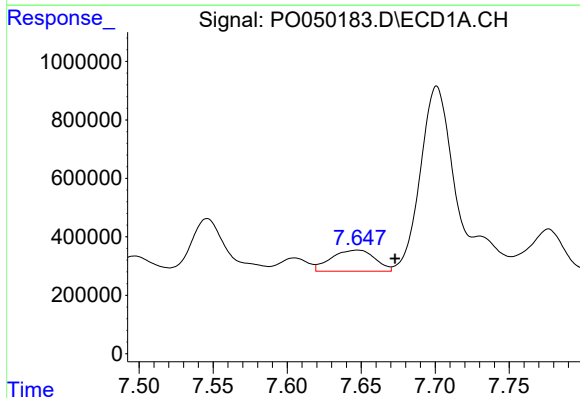
R.T.: 7.278 min  
Delta R.T.: 0.025 min  
Response: 1766567  
Conc: 114.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DOCUMENTATION-20RE



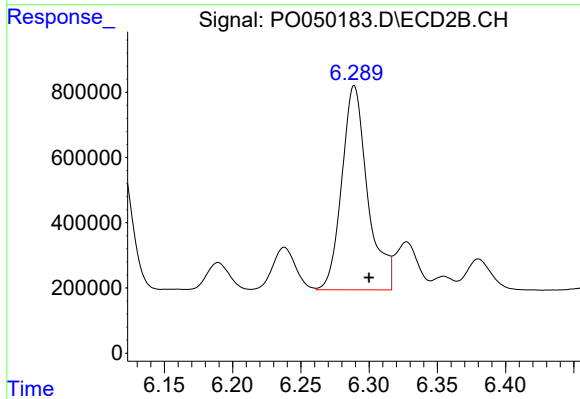
#29 AR-1254-4

R.T.: 5.887 min  
Delta R.T.: -0.009 min  
Response: 1160982  
Conc: 101.51 ng/ml



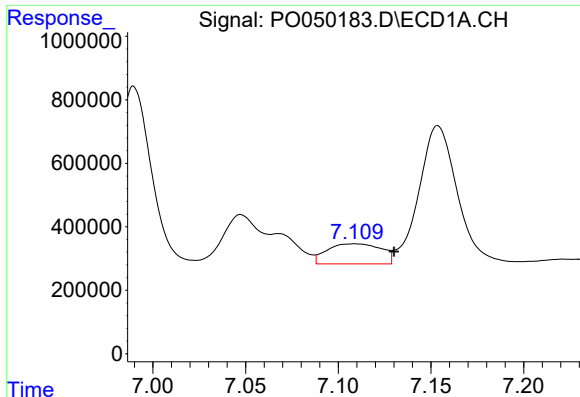
#30 AR-1254-5

R.T.: 7.648 min  
Delta R.T.: -0.025 min  
Response: 1482150  
Conc: 86.02 ng/ml



#30 AR-1254-5

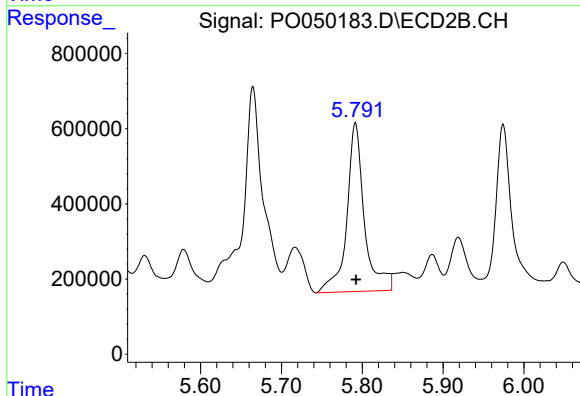
R.T.: 6.289 min  
Delta R.T.: -0.011 min  
Response: 8239462  
Conc: 464.60 ng/ml



#31 AR-1260-1

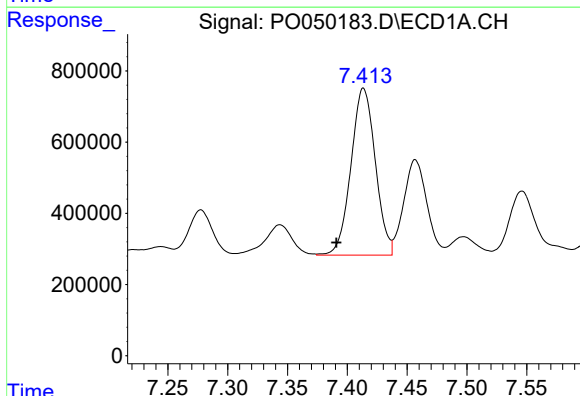
R.T.: 7.109 min  
Delta R.T.: -0.021 min  
Response: 1286914  
Conc: 68.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DOCUMENTATION-20RE



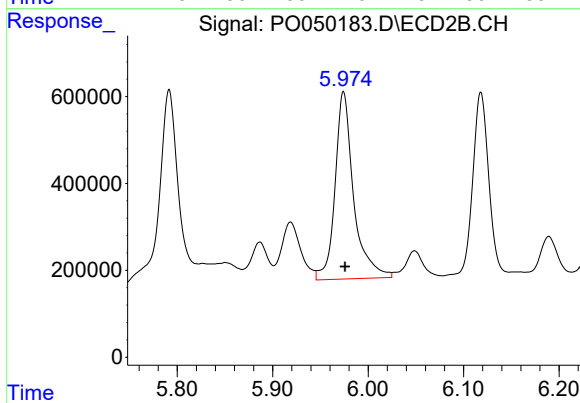
#31 AR-1260-1

R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 6791040  
Conc: 451.91 ng/ml



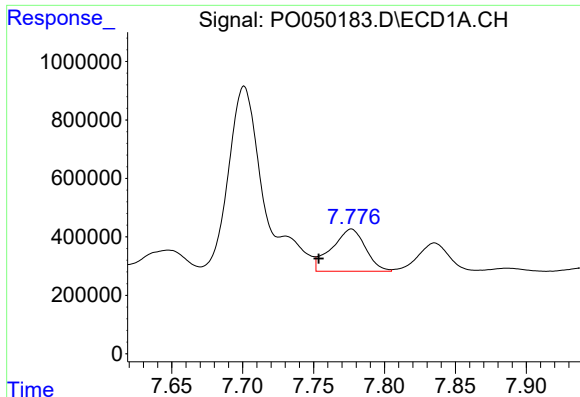
#32 AR-1260-2

R.T.: 7.413 min  
Delta R.T.: 0.023 min  
Response: 6654644  
Conc: 300.84 ng/ml



#32 AR-1260-2

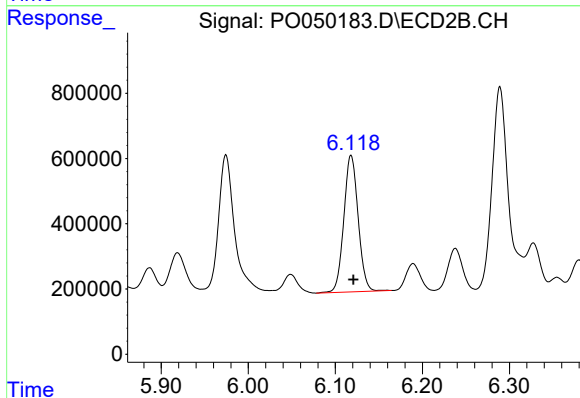
R.T.: 5.974 min  
Delta R.T.: -0.001 min  
Response: 5841709  
Conc: 317.10 ng/ml



#33 AR-1260-3

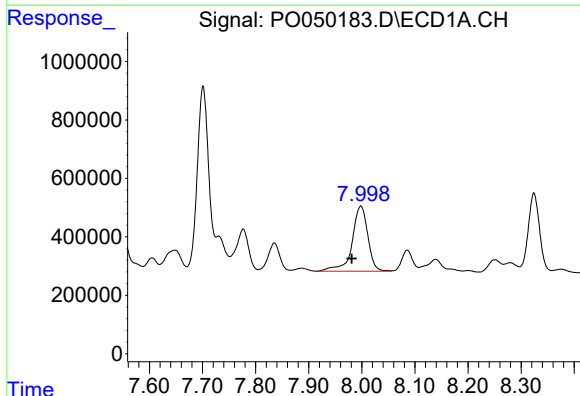
R.T.: 7.777 min  
Delta R.T.: 0.023 min  
Response: 2400736  
Conc: 152.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DOCUMENTATION-20RE



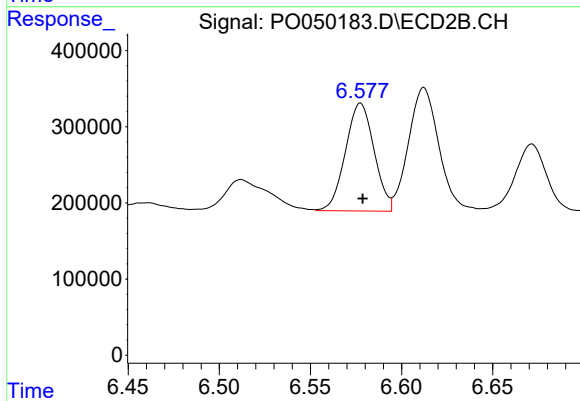
#33 AR-1260-3

R.T.: 6.118 min  
Delta R.T.: -0.003 min  
Response: 4794123  
Conc: 280.44 ng/ml



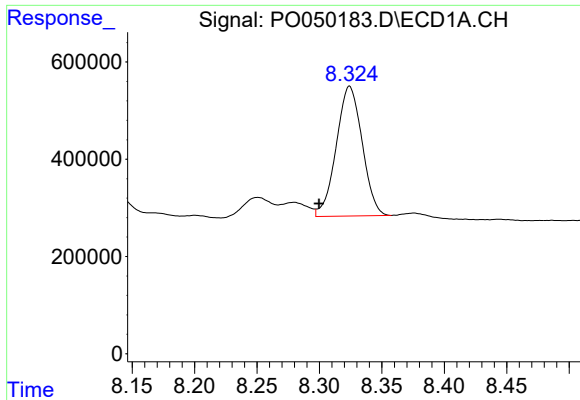
#34 AR-1260-4

R.T.: 7.998 min  
Delta R.T.: 0.017 min  
Response: 4589263  
Conc: 246.83 ng/ml



#34 AR-1260-4

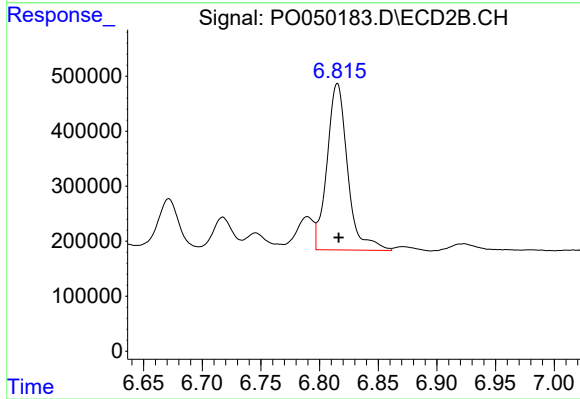
R.T.: 6.577 min  
Delta R.T.: -0.001 min  
Response: 1551426  
Conc: 114.30 ng/ml



#35 AR-1260-5

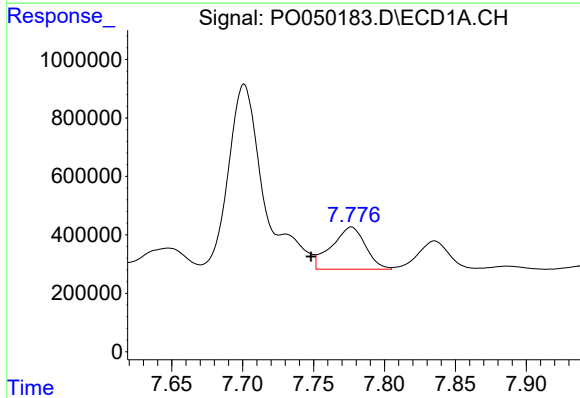
R.T.: 8.324 min  
Delta R.T.: 0.024 min  
Response: 3861386  
Conc: 114.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DOCUMENTATION-20RE



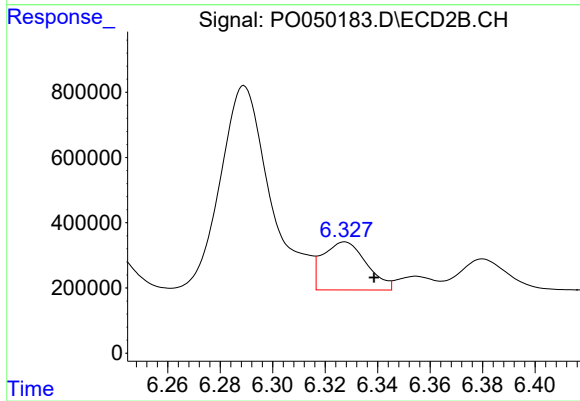
#35 AR-1260-5

R.T.: 6.815 min  
Delta R.T.: -0.001 min  
Response: 3708922  
Conc: 120.80 ng/ml



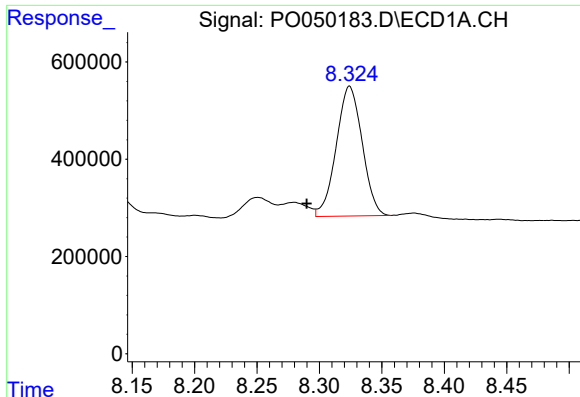
#36 AR-1262-1

R.T.: 7.777 min  
Delta R.T.: 0.028 min  
Response: 2400736  
Conc: 145.19 ng/ml



#36 AR-1262-1

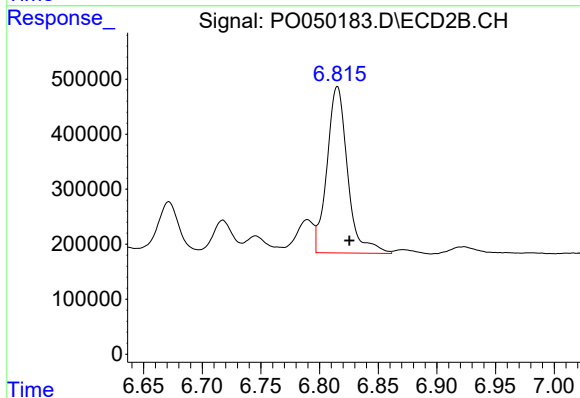
R.T.: 6.327 min  
Delta R.T.: -0.011 min  
Response: 1704009  
Conc: 105.62 ng/ml



#37 AR-1262-2

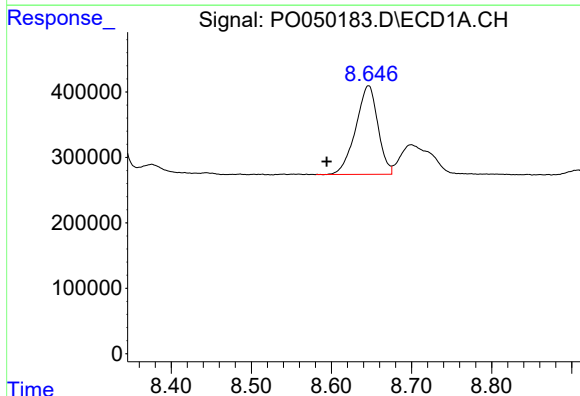
R.T.: 8.324 min  
Delta R.T.: 0.034 min  
Response: 3861386  
Conc: 132.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DOCUMENTATION-20RE



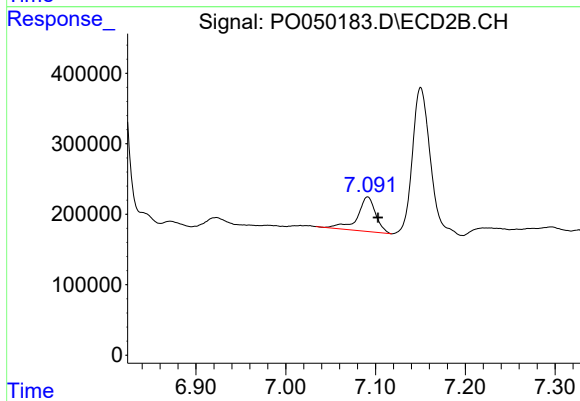
#37 AR-1262-2

R.T.: 6.815 min  
Delta R.T.: -0.010 min  
Response: 3708922  
Conc: 138.03 ng/ml



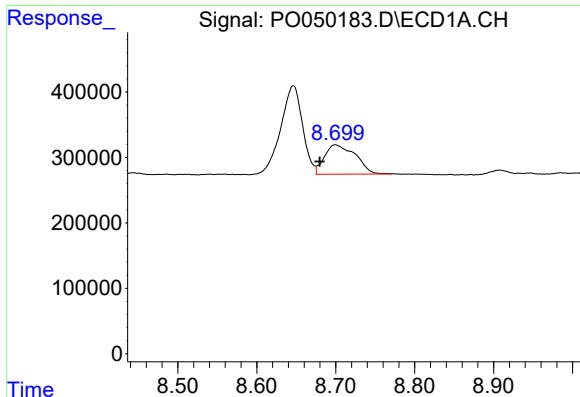
#38 AR-1262-3

R.T.: 8.646 min  
Delta R.T.: 0.052 min  
Response: 2601597  
Conc: 134.63 ng/ml



#38 AR-1262-3

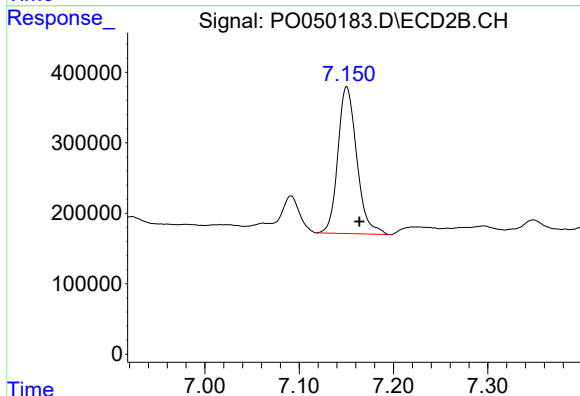
R.T.: 7.091 min  
Delta R.T.: -0.011 min  
Response: 695939  
Conc: 65.22 ng/ml



#39 AR-1262-4

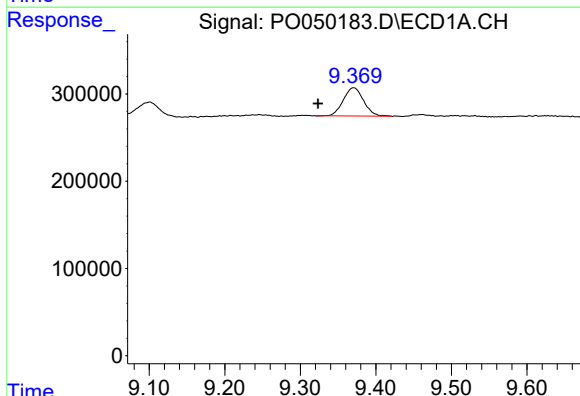
R.T.: 8.699 min  
Delta R.T.: 0.020 min  
Response: 1219110  
Conc: 80.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DOCUMENTATION-20RE



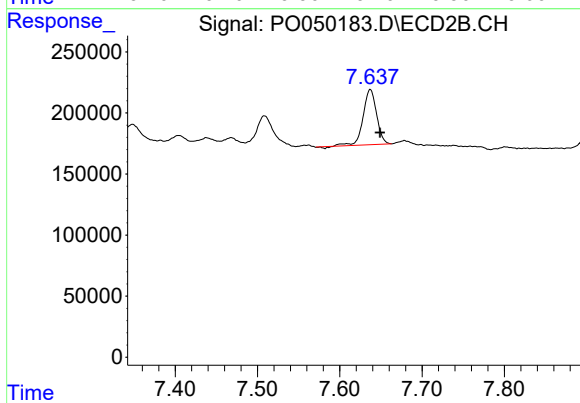
#39 AR-1262-4

R.T.: 7.150 min  
Delta R.T.: -0.013 min  
Response: 2899434  
Conc: 147.05 ng/ml



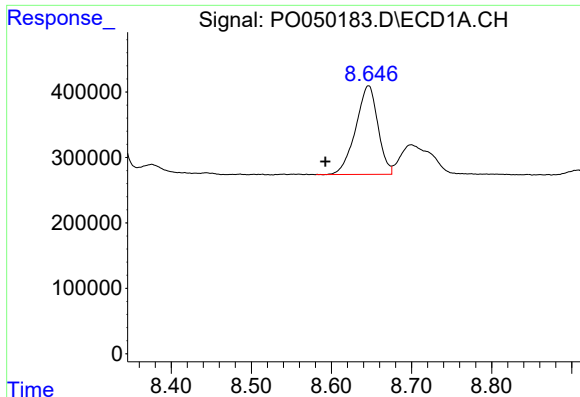
#40 AR-1262-5

R.T.: 9.371 min  
Delta R.T.: 0.047 min  
Response: 604676  
Conc: 67.98 ng/ml



#40 AR-1262-5

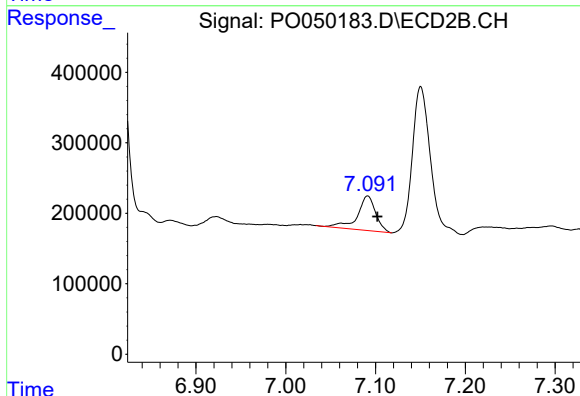
R.T.: 7.637 min  
Delta R.T.: -0.012 min  
Response: 510779  
Conc: 62.90 ng/ml



#41 AR-1268-1

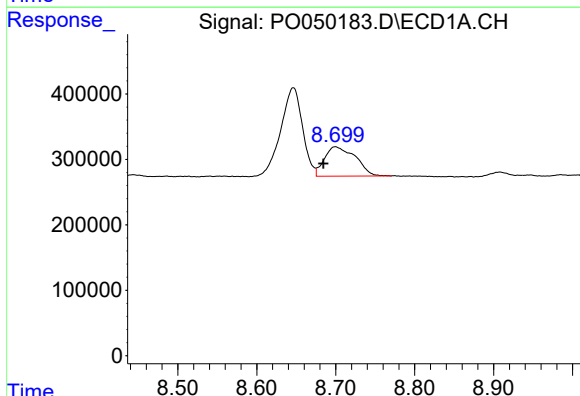
R.T.: 8.646 min  
Delta R.T.: 0.054 min  
Response: 2601597  
Conc: 72.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DOCUMENTATION-20RE



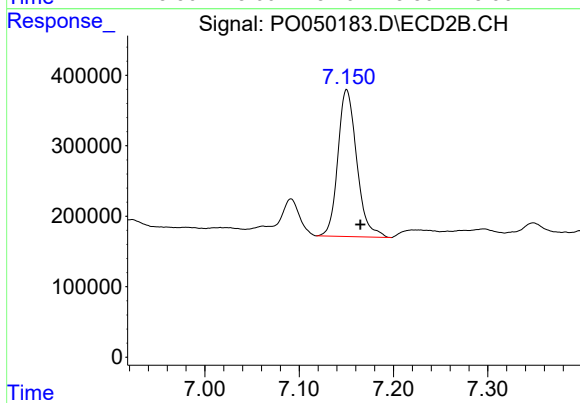
#41 AR-1268-1

R.T.: 7.091 min  
Delta R.T.: -0.011 min  
Response: 695939  
Conc: 20.90 ng/ml



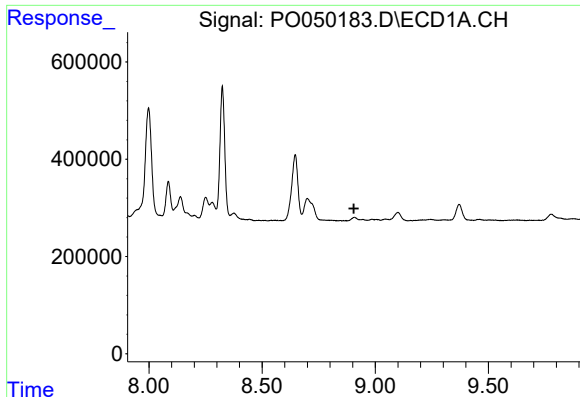
#42 AR-1268-2

R.T.: 8.699 min  
Delta R.T.: 0.015 min  
Response: 1219110  
Conc: 36.82 ng/ml



#42 AR-1268-2

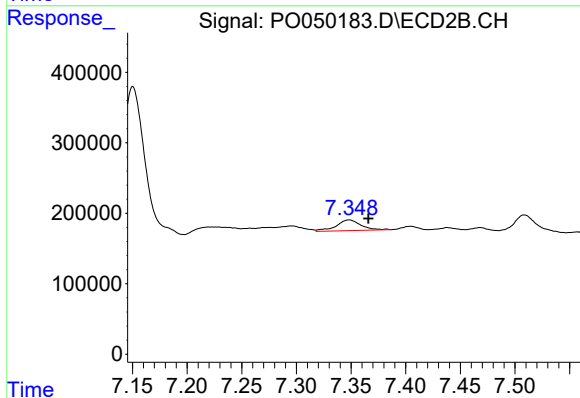
R.T.: 7.150 min  
Delta R.T.: -0.014 min  
Response: 2899434  
Conc: 93.55 ng/ml



#43 AR-1268-3

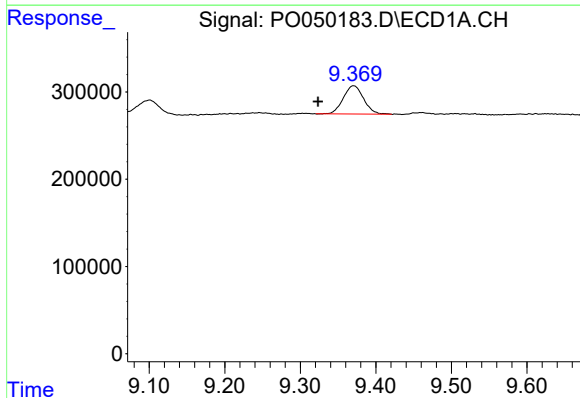
R.T.: 0.000 min  
Exp R.T.: 8.906 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DOCUMENTATION-20RE



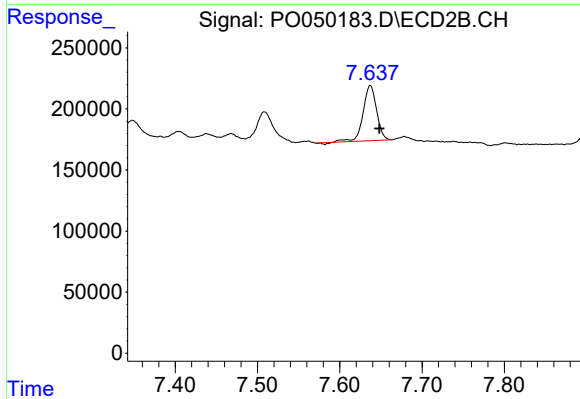
#43 AR-1268-3

R.T.: 7.348 min  
Delta R.T.: -0.017 min  
Response: 239053  
Conc: 9.06 ng/ml



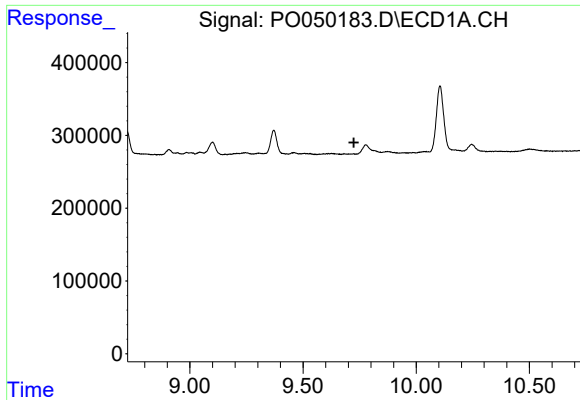
#44 AR-1268-4

R.T.: 9.371 min  
Delta R.T.: 0.047 min  
Response: 604676  
Conc: 56.70 ng/ml



#44 AR-1268-4

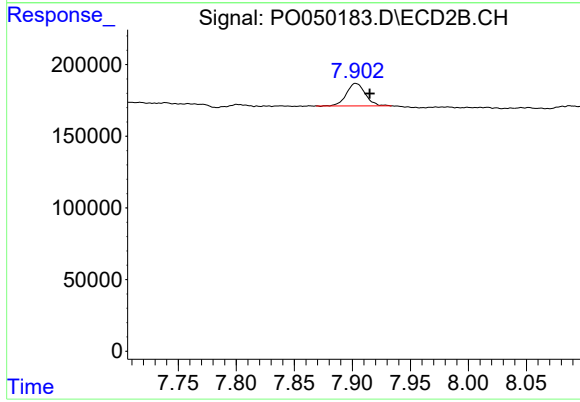
R.T.: 7.637 min  
Delta R.T.: -0.011 min  
Response: 510779  
Conc: 52.41 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.725 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DOCUMENTATION-20RE



#45 AR-1268-5

R.T.: 7.903 min  
Delta R.T.: -0.012 min  
Response: 179013  
Conc: 2.43 ng/ml