

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0021419\  
 Data File : P0053889.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 14 Feb 2019 11:39  
 Operator : SM/SJ  
 Sample : K1343-15  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 JC-02-021119-H

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 14 16:00:09 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0021119.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Feb 11 14:15:10 2019  
 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... | 4.072 | 3.145 | 39996292 | 5165427 | 11.252   | 18.923 #  |
| 2)                          | SA Decachlor... | 9.431 | 7.734 | 18380097 | 3231103 | 14.638   | 11.561    |
|                             |                 |       |       |          |         |          |           |
| Target Compounds            |                 |       |       |          |         |          |           |
| 3)                          | L1 AR-1016-1    | 5.178 | 4.119 | 1114959  | 635336  | 15.327   | 68.662 #  |
| 4)                          | L1 AR-1016-2    | 5.291 | 4.142 | 2088501  | 1019769 | 19.981   | 70.441 #  |
| 5)                          | L1 AR-1016-3    | 5.291 | 4.337 | 2088501  | 1531474 | 35.535   | 192.082 # |
| 6)                          | L1 AR-1016-4    | 5.393 | 4.337 | 6500986  | 1531474 | 127.016  | 281.799 # |
| 7)                          | L1 AR-1016-5    | 5.702 | 0.000 | 11556154 | 0       | 267.361  | N.D. #    |
| 8)                          | L2 AR-1221-1    | 4.296 | 0.000 | 1426298  | 0       | 27.460   | N.D. #    |
| 9)                          | L2 AR-1221-2    | 4.371 | 0.000 | 2412018  | 0       | 70.494   | N.D. #    |
| 10)                         | L2 AR-1221-3    | 4.404 | 0.000 | 546253   | 0       | 4.585    | N.D. #    |
| 11)                         | L3 AR-1232-1    | 4.404 | 0.000 | 546253   | 0       | 10.837   | N.D. #    |
| 12)                         | L3 AR-1232-2    | 4.946 | 4.142 | 24976581 | 1019769 | 1150.915 | 156.871 # |
| 13)                         | L3 AR-1232-3    | 5.291 | 4.337 | 2088501  | 1531474 | 50.120   | 492.332 # |
| 14)                         | L3 AR-1232-4    | 5.393 | 4.364 | 6500986  | 1608724 | 320.321  | 643.762 # |
| 15)                         | L3 AR-1232-5    | 5.511 | 0.000 | 4139594  | 0       | 355.815  | N.D. #    |
| 16)                         | L4 AR-1242-1    | 5.178 | 4.119 | 1114959  | 635336  | 18.569   | 81.729 #  |
| 17)                         | L4 AR-1242-2    | 5.291 | 4.142 | 2088501  | 1019769 | 23.936   | 82.624 #  |
| 18)                         | L4 AR-1242-3    | 5.291 | 4.337 | 2088501  | 1531474 | 42.721   | 250.355 # |
| 19)                         | L4 AR-1242-4    | 5.393 | 4.364 | 6500986  | 1608724 | 153.369  | 288.377 # |
| 20)                         | L4 AR-1242-5    | 0.000 | 4.845 | 0        | 365468  | N.D.     | 47.281 #  |
| 21)                         | L5 AR-1248-1    | 5.178 | 4.119 | 1114959  | 635336  | 24.936   | 106.085 # |
| 22)                         | L5 AR-1248-2    | 5.511 | 4.337 | 4139594  | 1531474 | 79.453   | 194.642 # |
| 23)                         | L5 AR-1248-3    | 5.702 | 4.364 | 11556154 | 1608724 | 189.204  | 197.477   |
| 25)                         | L5 AR-1248-5    | 0.000 | 4.845 | 0        | 365468  | N.D.     | 33.627 #  |
| 26)                         | L6 AR-1254-1    | 0.000 | 4.845 | 0        | 365468  | N.D.     | 8.936 #   |
| 27)                         | L6 AR-1254-2    | 6.296 | 5.021 | 3457869  | 2042204 | 14.108   | 59.604 #  |
| 28)                         | L6 AR-1254-3    | 6.622 | 0.000 | 4850488  | 0       | 19.481   | N.D. #    |
| 32)                         | L7 AR-1260-2    | 7.024 | 5.726 | 2678434  | 961401  | 31.934   | 50.640 #  |
| 33)                         | L7 AR-1260-3    | 0.000 | 5.785 | 0        | 549763  | N.D.     | 31.462 #  |
| 35)                         | L7 AR-1260-5    | 0.000 | 6.472 | 0        | 217263  | N.D.     | 7.395 #   |
| 37)                         | L8 AR-1262-2    | 0.000 | 6.472 | 0        | 217263  | N.D.     | 6.124 #   |
| -----                       |                 |       |       |          |         |          |           |

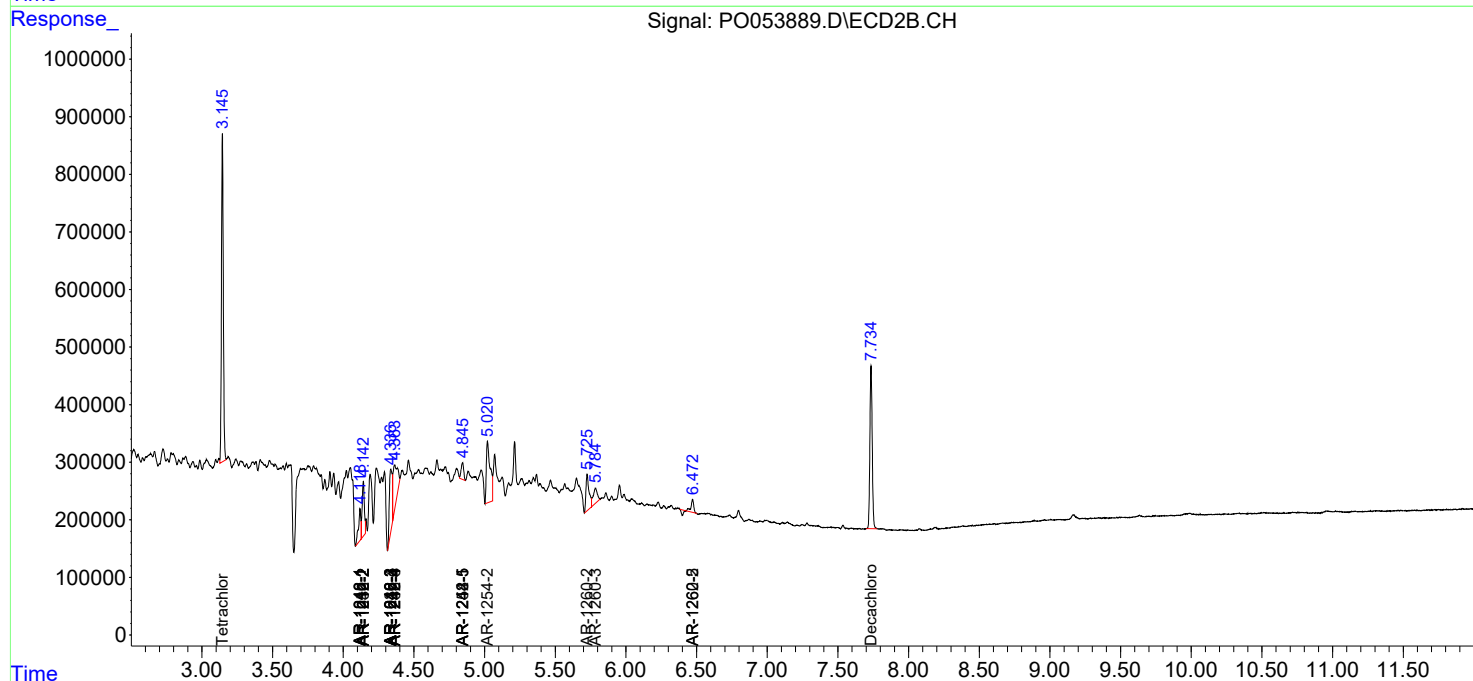
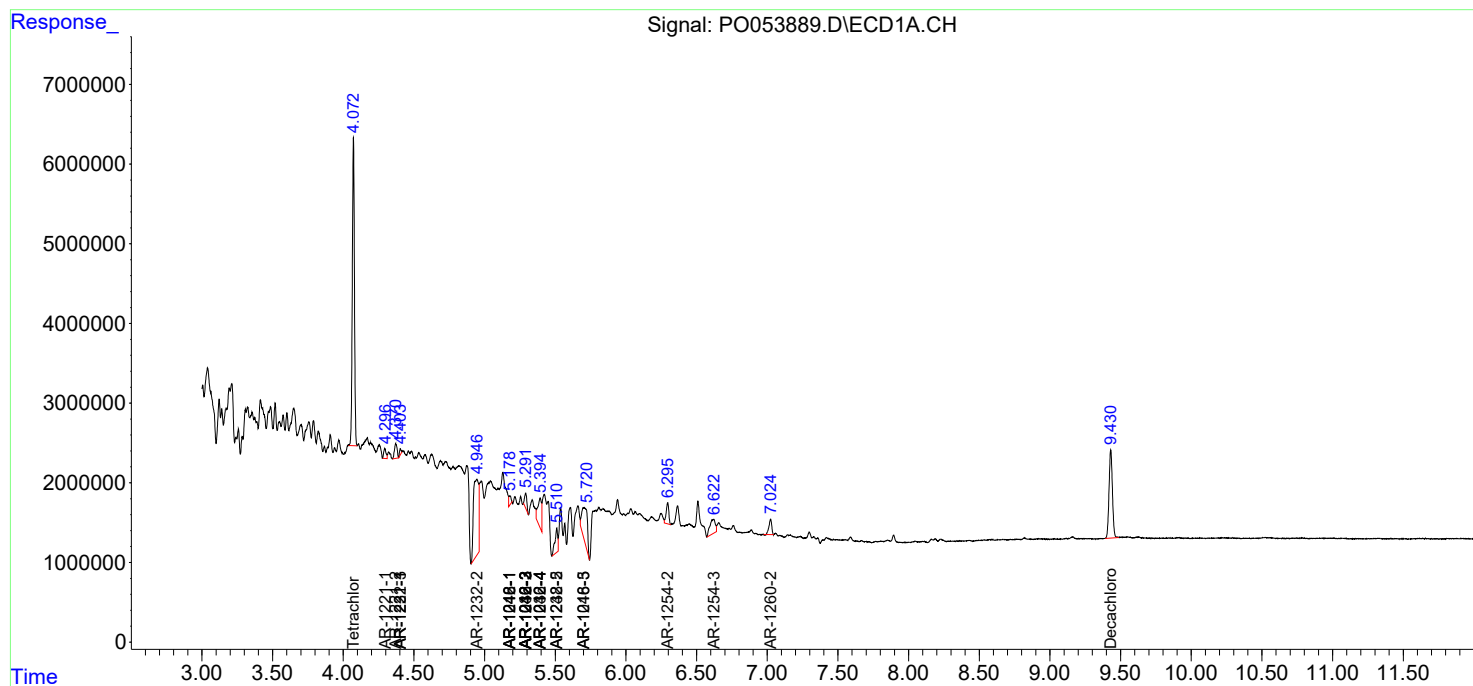
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

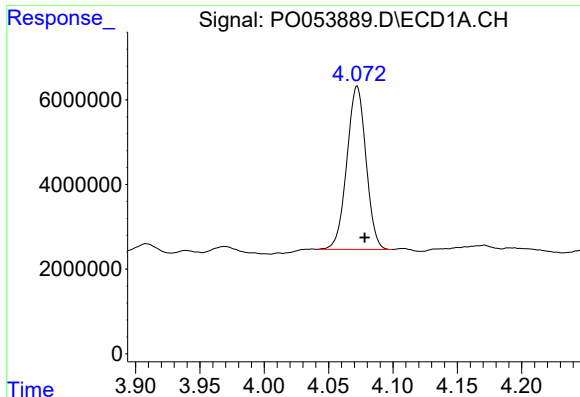
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO0211419\  
Data File : PO053889.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 14 Feb 2019 11:39  
Operator : SM/SJ  
Sample : K1343-15  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
JC-02-021119-H

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 14 16:00:09 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO021119.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Feb 11 14:15:10 2019  
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

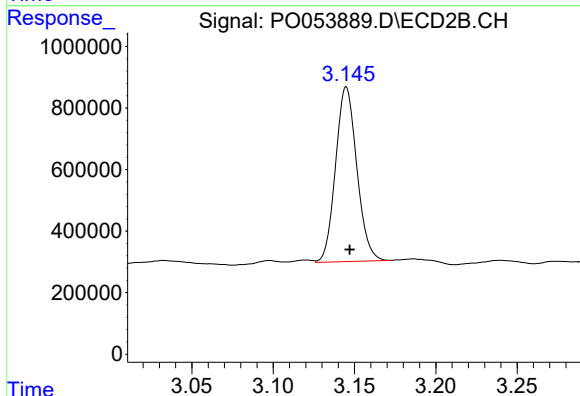




#1 Tetrachloro-m-xylene

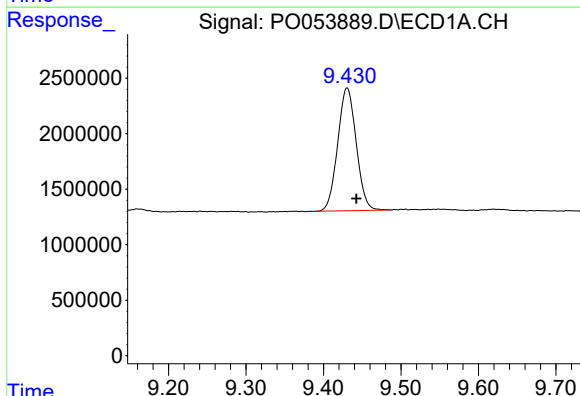
R.T.: 4.072 min  
Delta R.T.: -0.006 min  
Response: 39996292  
Conc: 11.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
JC-02-021119-H



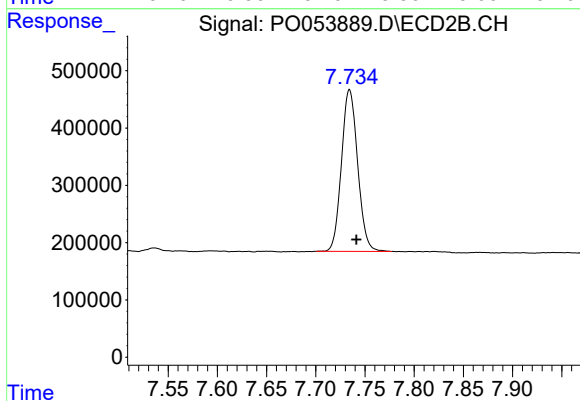
#1 Tetrachloro-m-xylene

R.T.: 3.145 min  
Delta R.T.: -0.002 min  
Response: 5165427  
Conc: 18.92 ng/ml



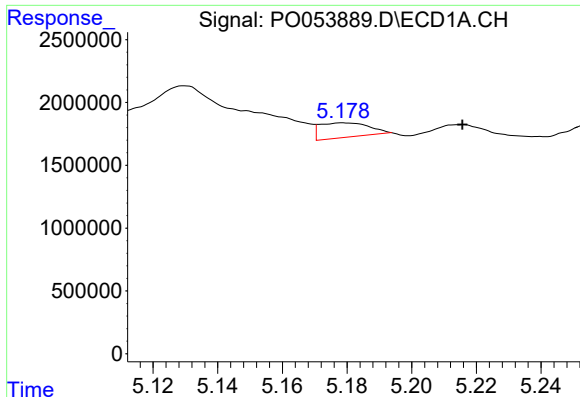
#2 Decachlorobiphenyl

R.T.: 9.431 min  
Delta R.T.: -0.012 min  
Response: 18380097  
Conc: 14.64 ng/ml



#2 Decachlorobiphenyl

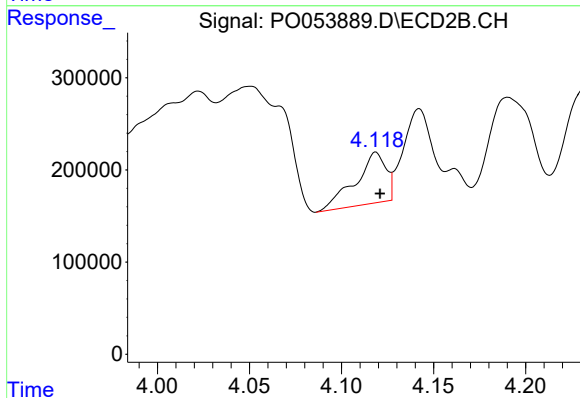
R.T.: 7.734 min  
Delta R.T.: -0.007 min  
Response: 3231103  
Conc: 11.56 ng/ml



#3 AR-1016-1

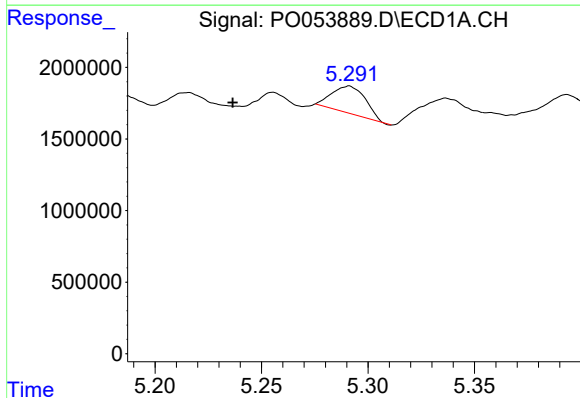
R.T.: 5.178 min  
Delta R.T.: -0.037 min  
Response: 1114959  
Conc: 15.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
JC-02-021119-H



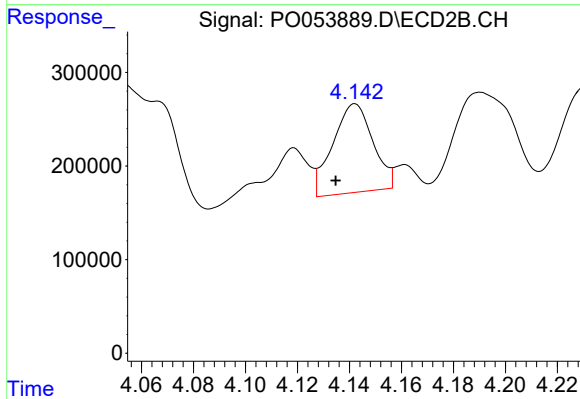
#3 AR-1016-1

R.T.: 4.119 min  
Delta R.T.: -0.002 min  
Response: 635336  
Conc: 68.66 ng/ml



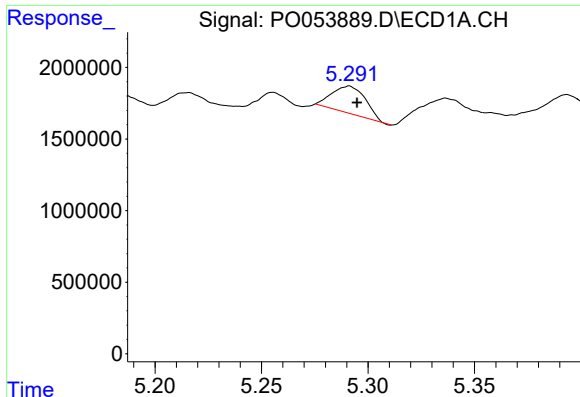
#4 AR-1016-2

R.T.: 5.291 min  
Delta R.T.: 0.055 min  
Response: 2088501  
Conc: 19.98 ng/ml



#4 AR-1016-2

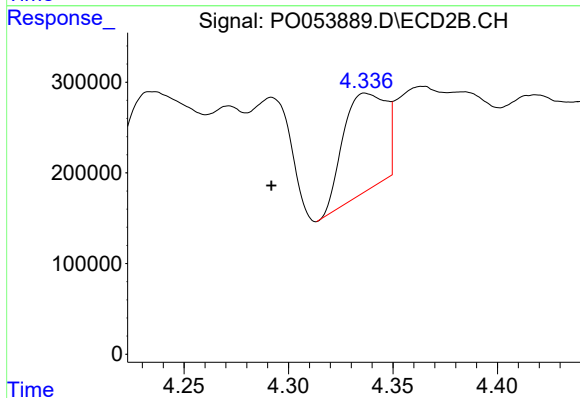
R.T.: 4.142 min  
Delta R.T.: 0.008 min  
Response: 1019769  
Conc: 70.44 ng/ml



#5 AR-1016-3

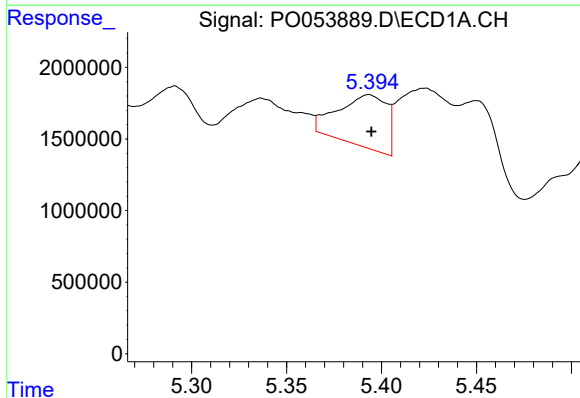
R.T.: 5.291 min  
Delta R.T.: -0.004 min  
Response: 2088501  
Conc: 35.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
JC-02-021119-H



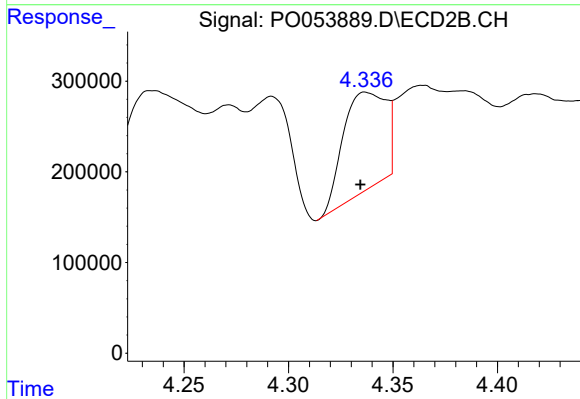
#5 AR-1016-3

R.T.: 4.337 min  
Delta R.T.: 0.045 min  
Response: 1531474  
Conc: 192.08 ng/ml



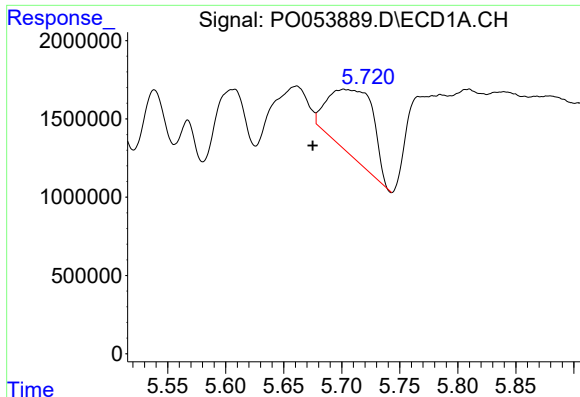
#6 AR-1016-4

R.T.: 5.393 min  
Delta R.T.: -0.001 min  
Response: 6500986  
Conc: 127.02 ng/ml



#6 AR-1016-4

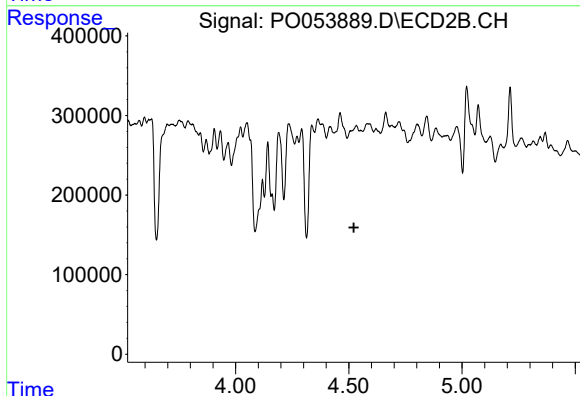
R.T.: 4.337 min  
Delta R.T.: 0.002 min  
Response: 1531474  
Conc: 281.80 ng/ml



#7 AR-1016-5

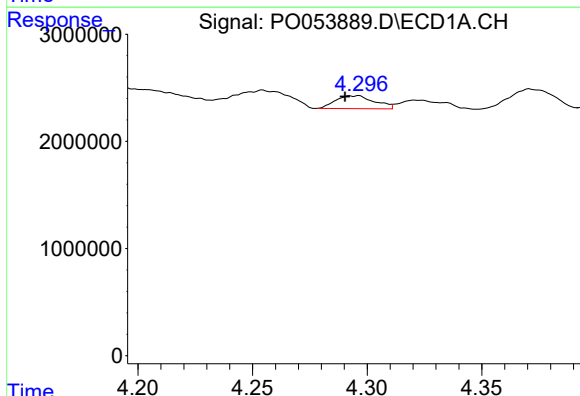
R.T.: 5.702 min  
Delta R.T.: 0.027 min  
Response: 11556154  
Conc: 267.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
JC-02-021119-H



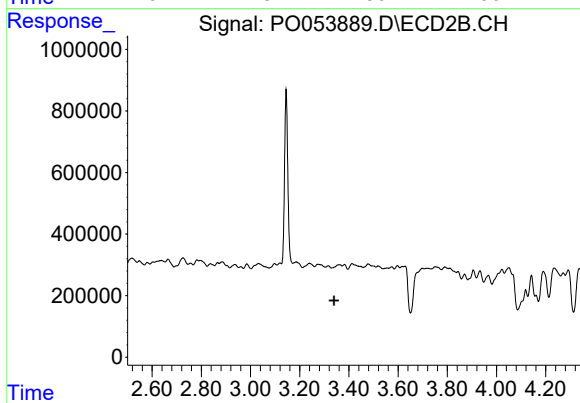
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 4.523 min  
Response: 0  
Conc: N.D.



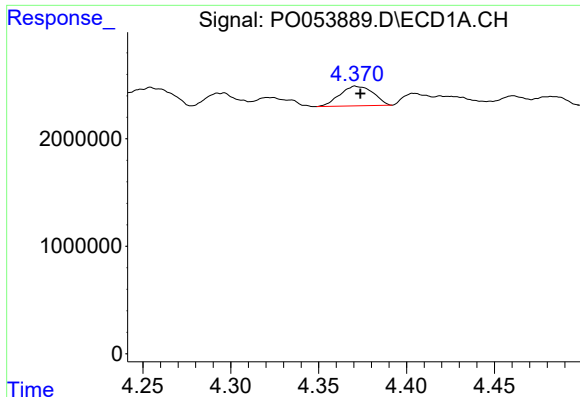
#8 AR-1221-1

R.T.: 4.296 min  
Delta R.T.: 0.006 min  
Response: 1426298  
Conc: 27.46 ng/ml



#8 AR-1221-1

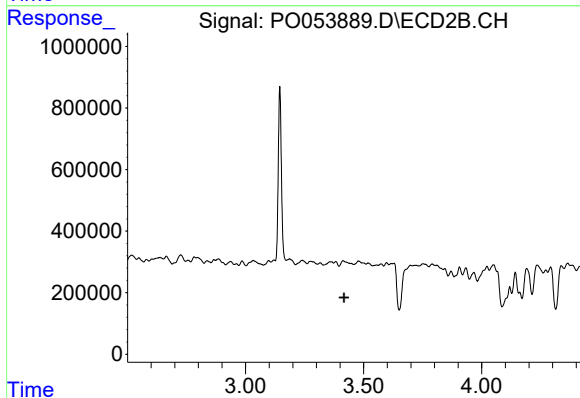
R.T.: 0.000 min  
Exp R.T. : 3.341 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

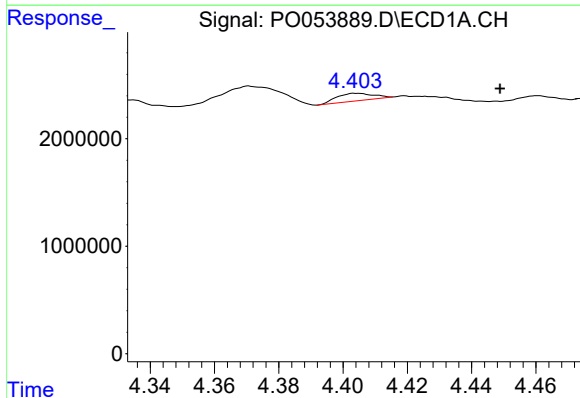
R.T.: 4.371 min  
Delta R.T.: -0.003 min  
Response: 2412018  
Conc: 70.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
JC-02-021119-H



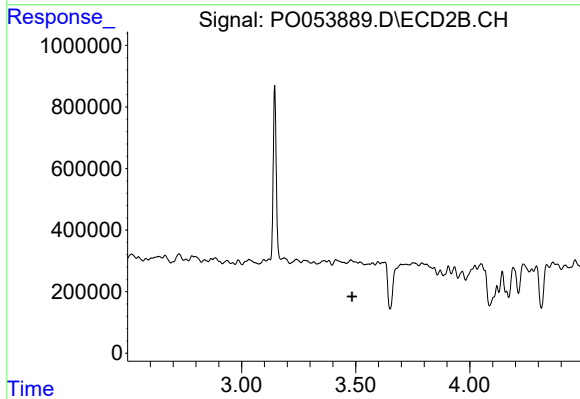
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 3.417 min  
Response: 0  
Conc: N.D.



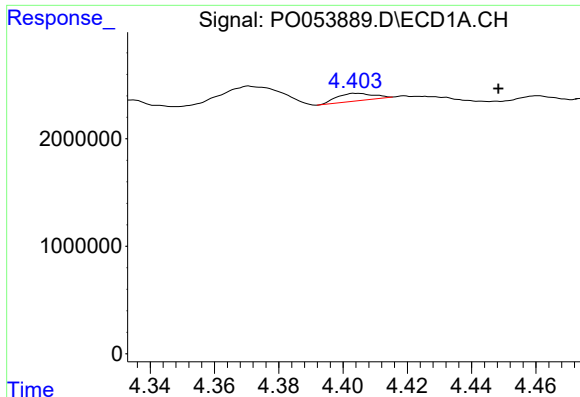
#10 AR-1221-3

R.T.: 4.404 min  
Delta R.T.: -0.045 min  
Response: 546253  
Conc: 4.59 ng/ml



#10 AR-1221-3

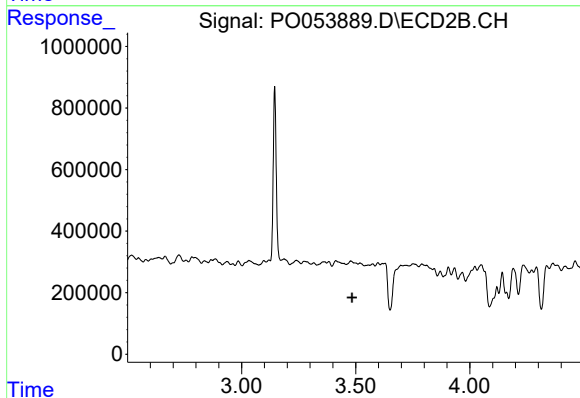
R.T.: 0.000 min  
Exp R.T. : 3.484 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

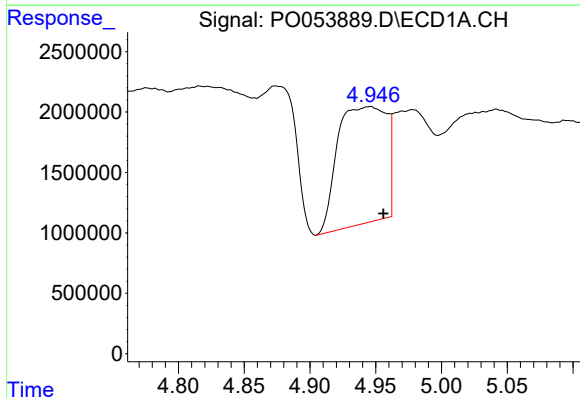
R.T.: 4.404 min  
Delta R.T.: -0.044 min  
Response: 546253  
Conc: 10.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
JC-02-021119-H



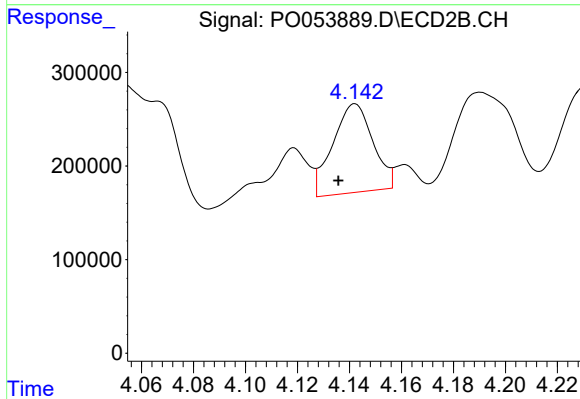
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 3.484 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

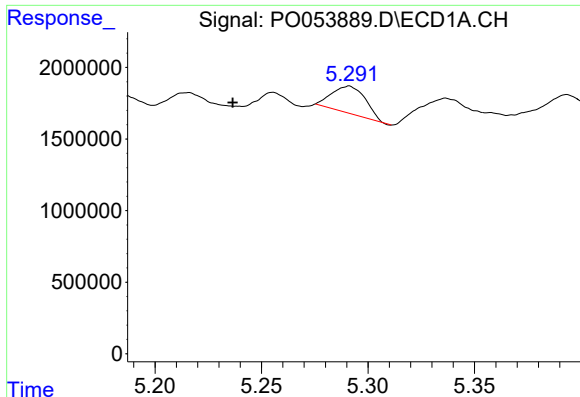
R.T.: 4.946 min  
Delta R.T.: -0.010 min  
Response: 24976581  
Conc: 1150.92 ng/ml



#12 AR-1232-2

R.T.: 4.142 min  
Delta R.T.: 0.006 min  
Response: 1019769  
Conc: 156.87 ng/ml

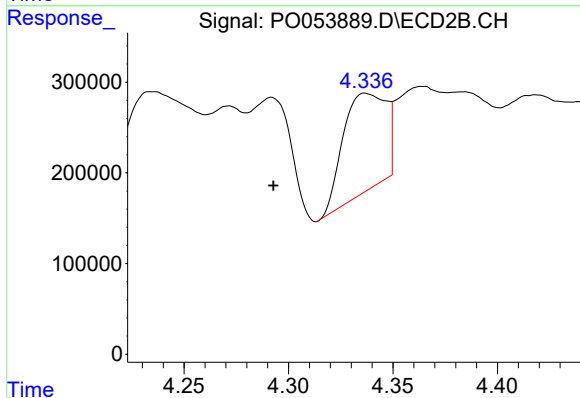




#13 AR-1232-3

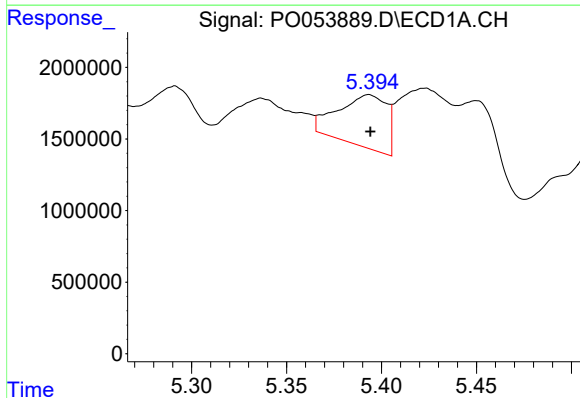
R.T.: 5.291 min  
Delta R.T.: 0.055 min  
Response: 2088501  
Conc: 50.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
JC-02-021119-H



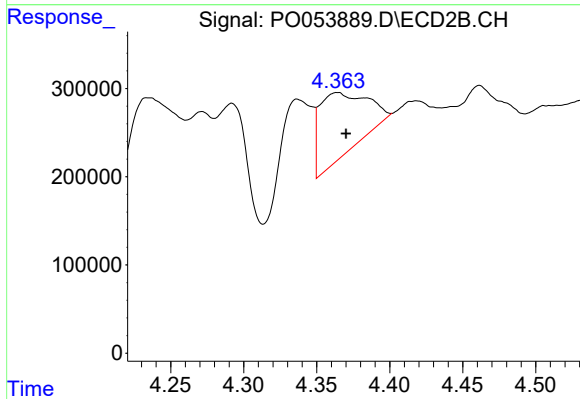
#13 AR-1232-3

R.T.: 4.337 min  
Delta R.T.: 0.044 min  
Response: 1531474  
Conc: 492.33 ng/ml



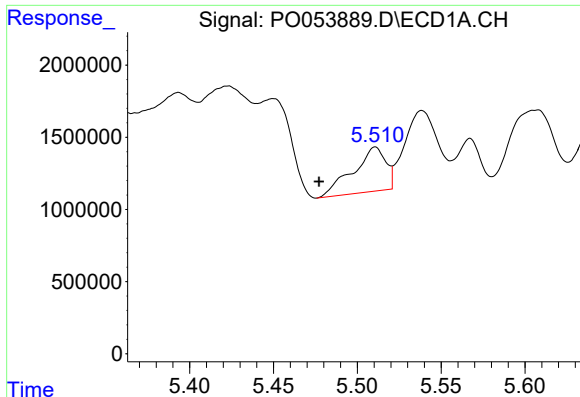
#14 AR-1232-4

R.T.: 5.393 min  
Delta R.T.: 0.000 min  
Response: 6500986  
Conc: 320.32 ng/ml



#14 AR-1232-4

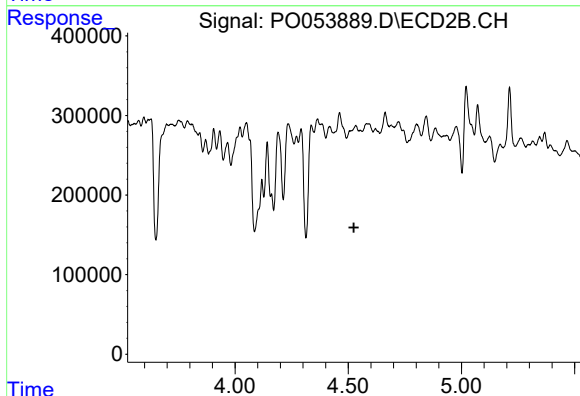
R.T.: 4.364 min  
Delta R.T.: -0.006 min  
Response: 1608724  
Conc: 643.76 ng/ml



#15 AR-1232-5

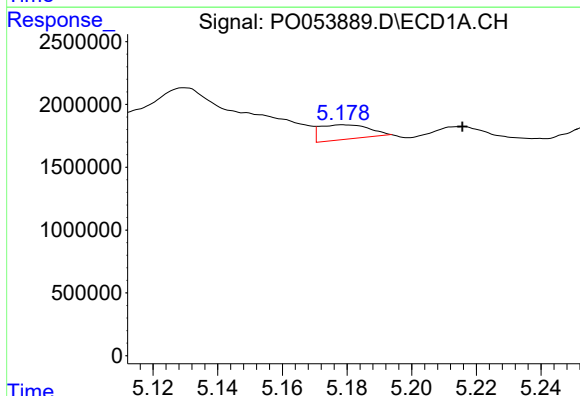
R.T.: 5.511 min  
Delta R.T.: 0.034 min  
Response: 4139594  
Conc: 355.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
JC-02-021119-H



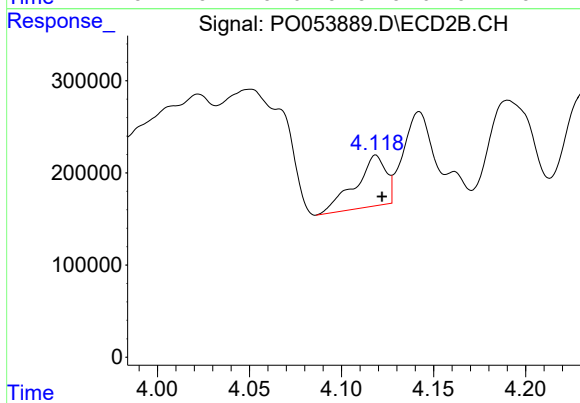
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 4.525 min  
Response: 0  
Conc: N.D.



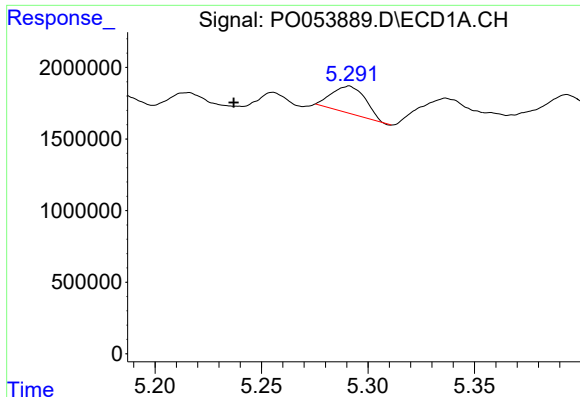
#16 AR-1242-1

R.T.: 5.178 min  
Delta R.T.: -0.037 min  
Response: 1114959  
Conc: 18.57 ng/ml



#16 AR-1242-1

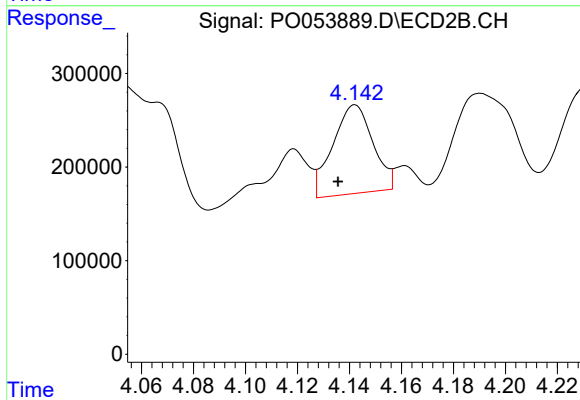
R.T.: 4.119 min  
Delta R.T.: -0.003 min  
Response: 635336  
Conc: 81.73 ng/ml



#17 AR-1242-2

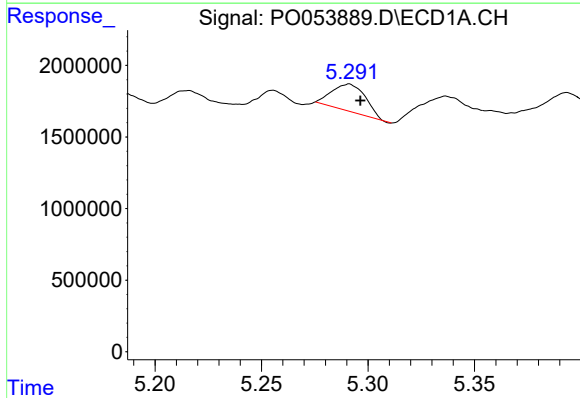
R.T.: 5.291 min  
Delta R.T.: 0.054 min  
Response: 2088501  
Conc: 23.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
JC-02-021119-H



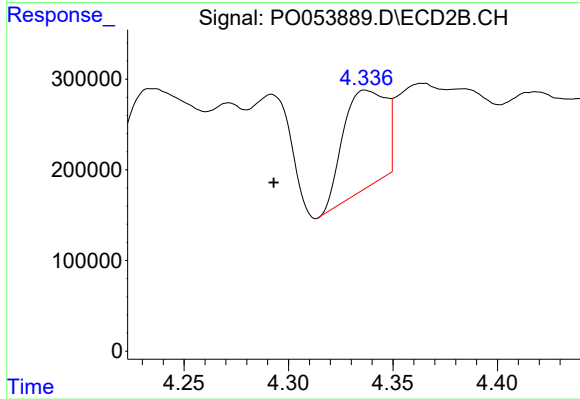
#17 AR-1242-2

R.T.: 4.142 min  
Delta R.T.: 0.007 min  
Response: 1019769  
Conc: 82.62 ng/ml



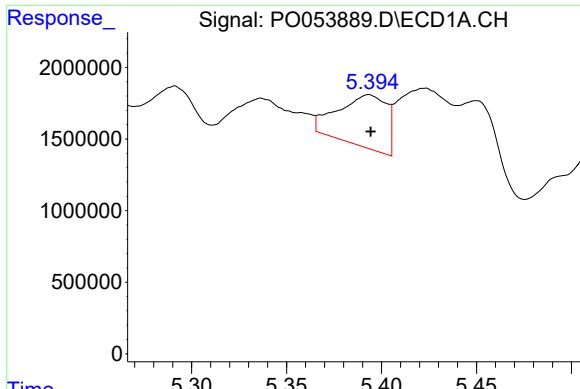
#18 AR-1242-3

R.T.: 5.291 min  
Delta R.T.: -0.005 min  
Response: 2088501  
Conc: 42.72 ng/ml



#18 AR-1242-3

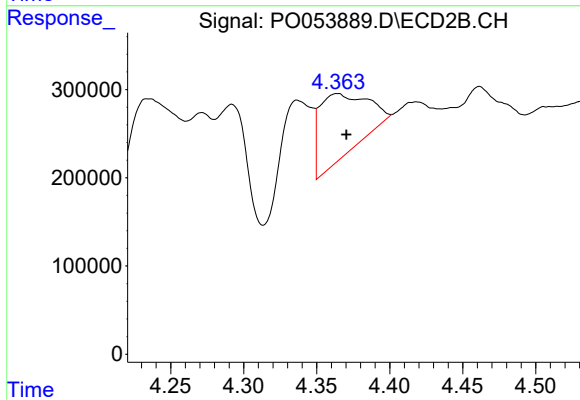
R.T.: 4.337 min  
Delta R.T.: 0.044 min  
Response: 1531474  
Conc: 250.35 ng/ml



#19 AR-1242-4

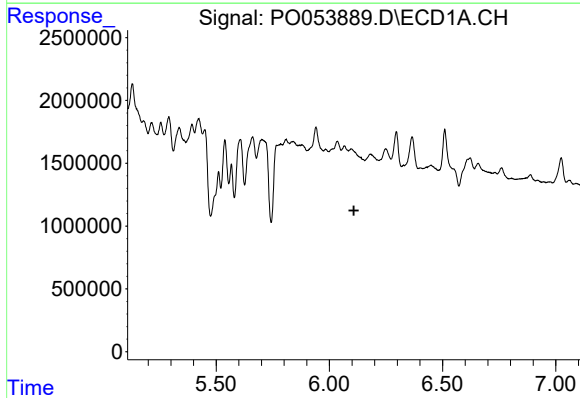
R.T.: 5.393 min  
Delta R.T.: 0.000 min  
Response: 6500986  
Conc: 153.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
JC-02-021119-H



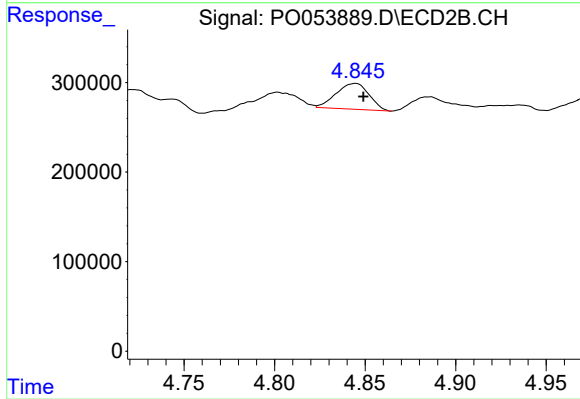
#19 AR-1242-4

R.T.: 4.364 min  
Delta R.T.: -0.006 min  
Response: 1608724  
Conc: 288.38 ng/ml



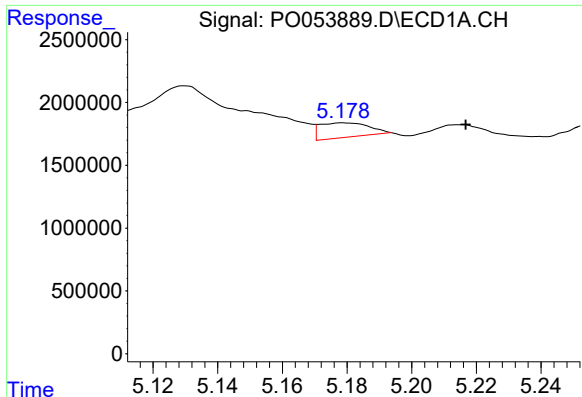
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 6.109 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

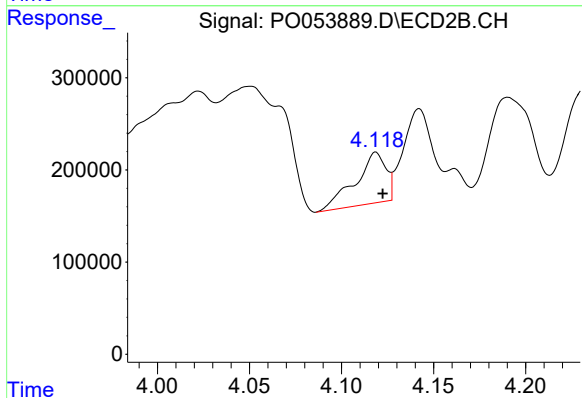
R.T.: 4.845 min  
Delta R.T.: -0.005 min  
Response: 365468  
Conc: 47.28 ng/ml



#21 AR-1248-1

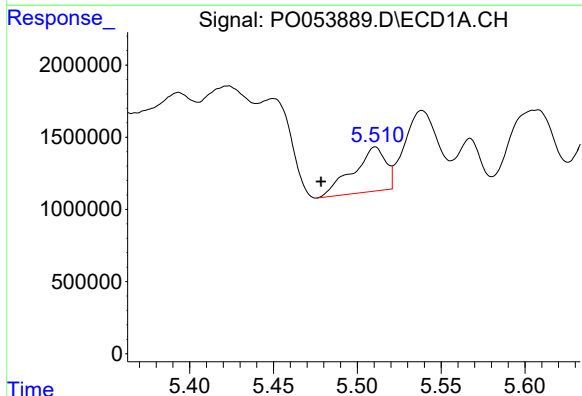
R.T.: 5.178 min  
Delta R.T.: -0.038 min  
Response: 1114959  
Conc: 24.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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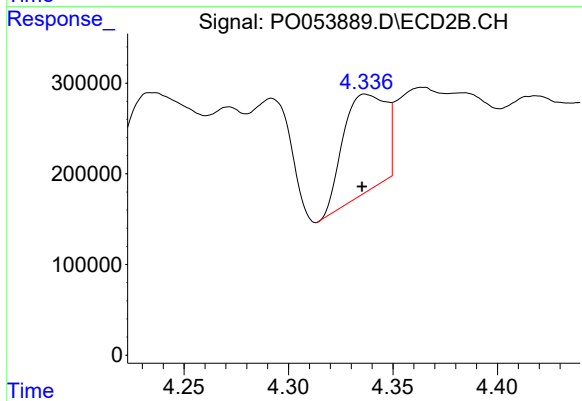
#21 AR-1248-1

R.T.: 4.119 min  
Delta R.T.: -0.004 min  
Response: 635336  
Conc: 106.09 ng/ml



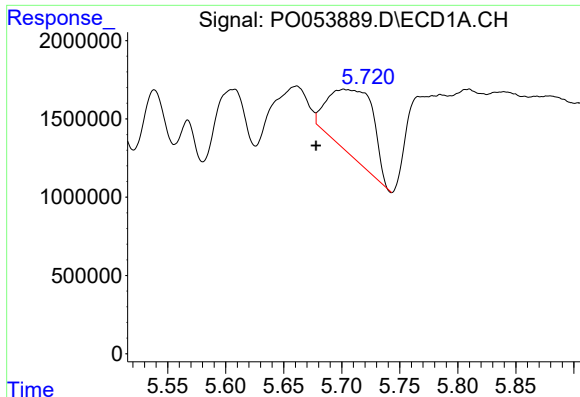
#22 AR-1248-2

R.T.: 5.511 min  
Delta R.T.: 0.032 min  
Response: 4139594  
Conc: 79.45 ng/ml



#22 AR-1248-2

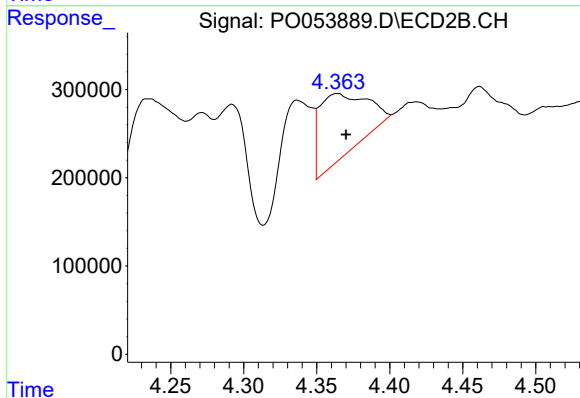
R.T.: 4.337 min  
Delta R.T.: 0.001 min  
Response: 1531474  
Conc: 194.64 ng/ml



#23 AR-1248-3

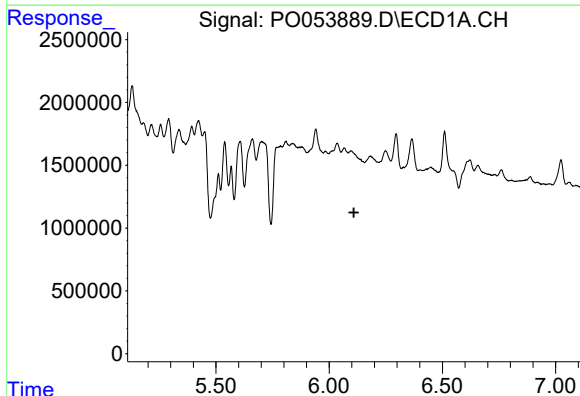
R.T.: 5.702 min  
Delta R.T.: 0.024 min  
Response: 11556154  
Conc: 189.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
JC-02-021119-H



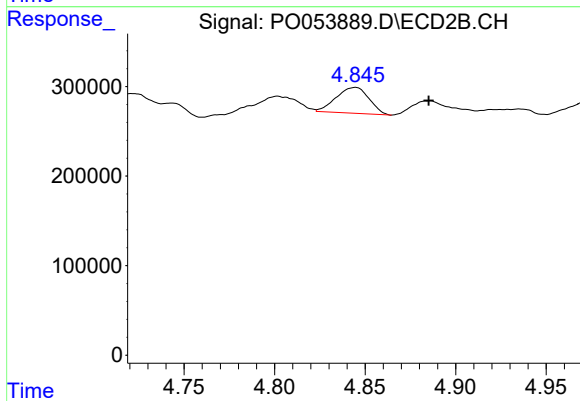
#23 AR-1248-3

R.T.: 4.364 min  
Delta R.T.: -0.006 min  
Response: 1608724  
Conc: 197.48 ng/ml



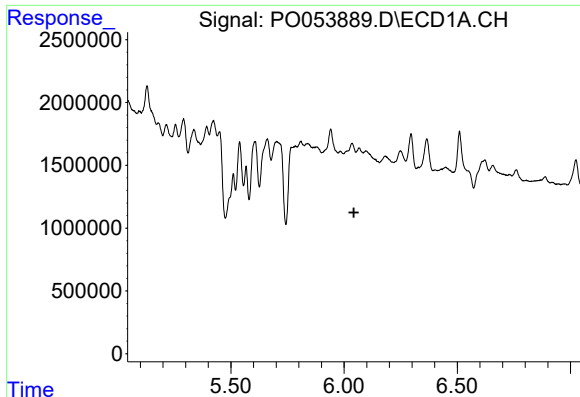
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 6.109 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

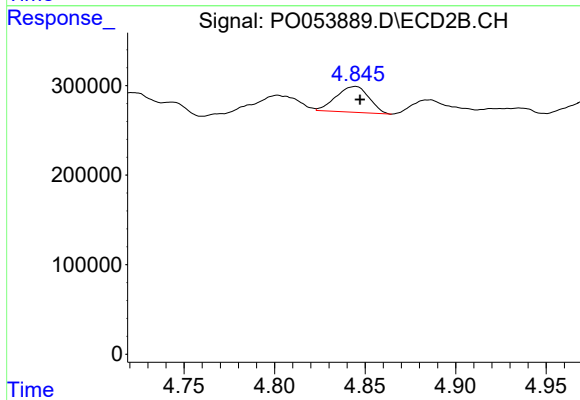
R.T.: 4.845 min  
Delta R.T.: -0.041 min  
Response: 365468  
Conc: 33.63 ng/ml



#26 AR-1254-1

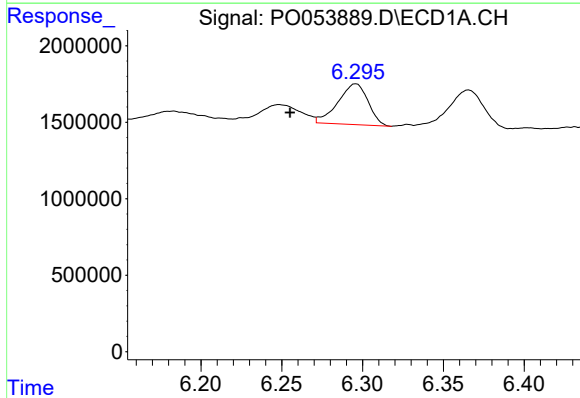
R.T.: 0.000 min  
Exp R.T.: 6.043 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
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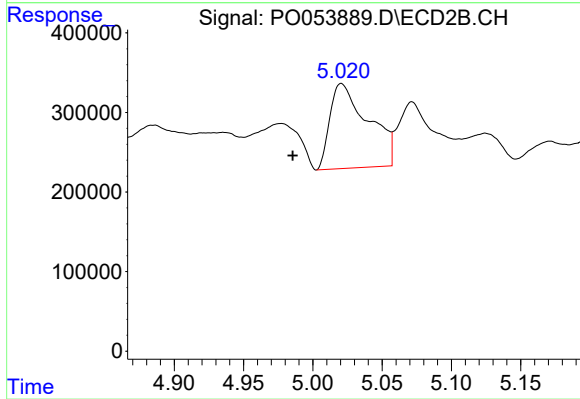
#26 AR-1254-1

R.T.: 4.845 min  
Delta R.T.: -0.003 min  
Response: 365468  
Conc: 8.94 ng/ml



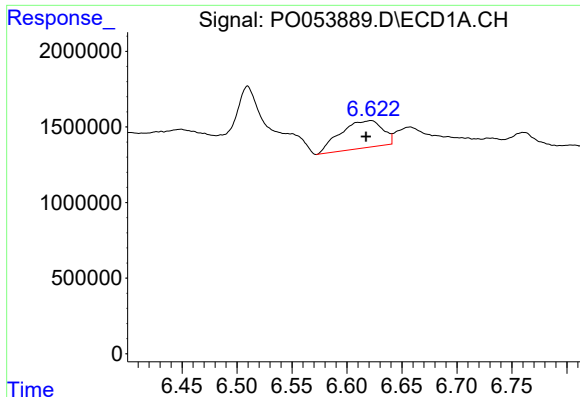
#27 AR-1254-2

R.T.: 6.296 min  
Delta R.T.: 0.041 min  
Response: 3457869  
Conc: 14.11 ng/ml



#27 AR-1254-2

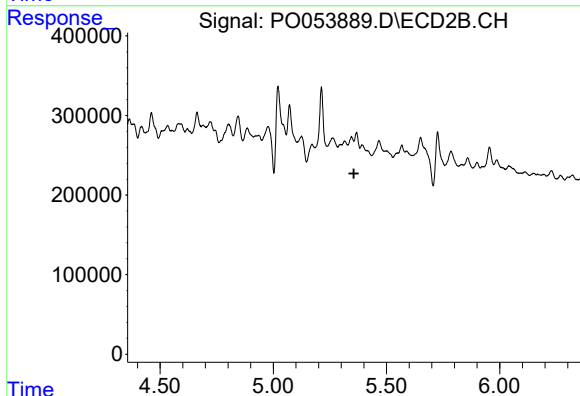
R.T.: 5.021 min  
Delta R.T.: 0.035 min  
Response: 2042204  
Conc: 59.60 ng/ml



#28 AR-1254-3

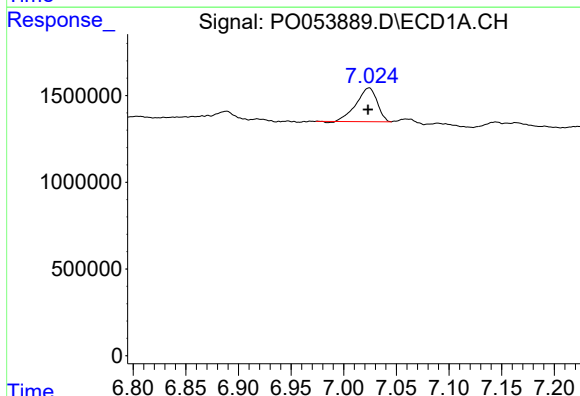
R.T.: 6.622 min  
Delta R.T.: 0.004 min  
Response: 4850488  
Conc: 19.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
JC-02-021119-H



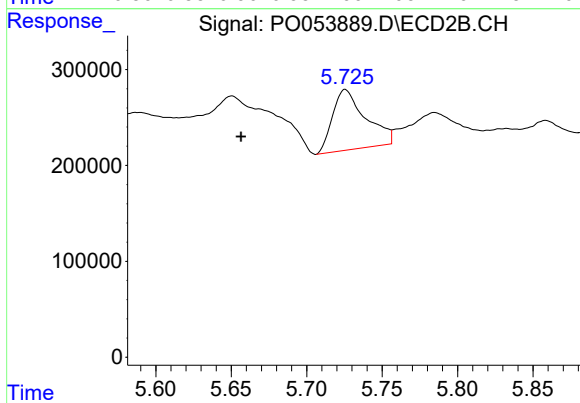
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 5.356 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

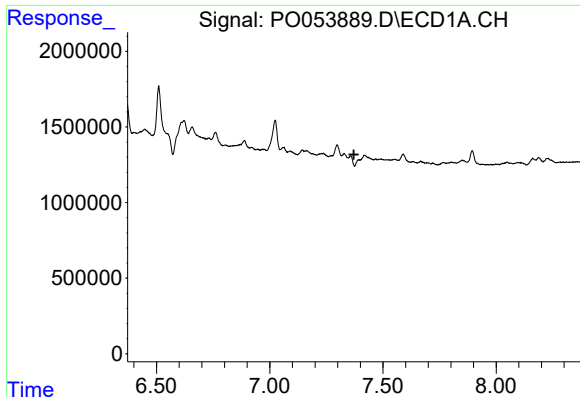
R.T.: 7.024 min  
Delta R.T.: 0.000 min  
Response: 2678434  
Conc: 31.93 ng/ml



#32 AR-1260-2

R.T.: 5.726 min  
Delta R.T.: 0.069 min  
Response: 961401  
Conc: 50.64 ng/ml

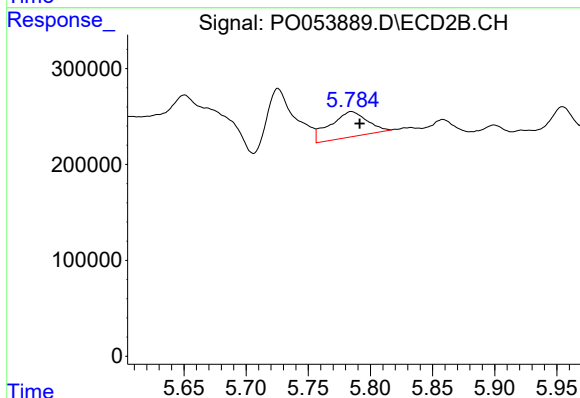




#33 AR-1260-3

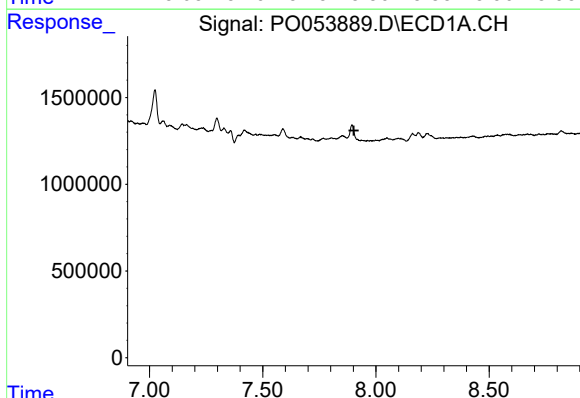
R.T.: 0.000 min  
Exp R.T.: 7.372 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
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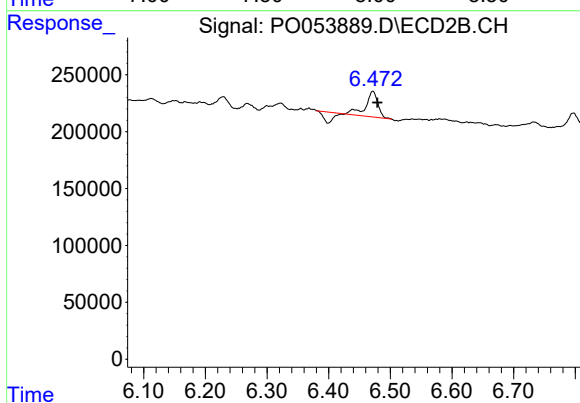
#33 AR-1260-3

R.T.: 5.785 min  
Delta R.T.: -0.007 min  
Response: 549763  
Conc: 31.46 ng/ml



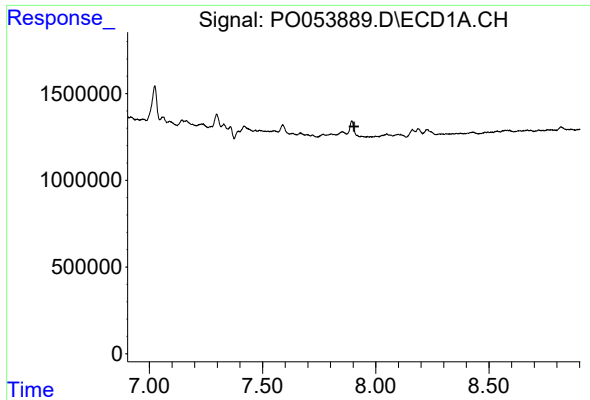
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 7.903 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

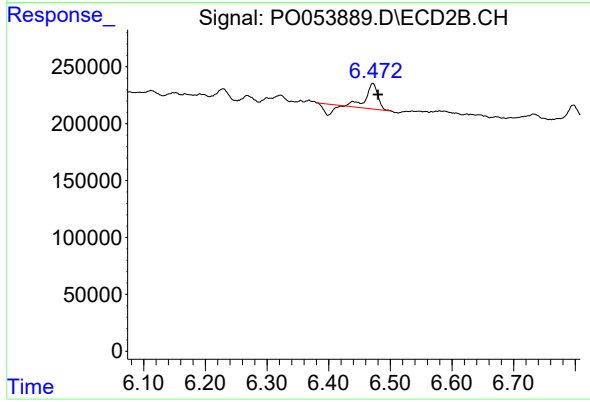
R.T.: 6.472 min  
Delta R.T.: -0.008 min  
Response: 217263  
Conc: 7.40 ng/ml



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 7.904 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
JC-02-021119-H



#37 AR-1262-2

R.T.: 6.472 min  
Delta R.T.: -0.008 min  
Response: 217263  
Conc: 6.12 ng/ml