

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101118\  
 Data File : PP027686.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 11 Oct 2018 18:41  
 Operator : EI\MA  
 Sample : J5164-09  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 MDL-WATER-03-QT4-2018

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 12 07:27:06 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP100918.M  
 Quant Title : 8080.M  
 QLast Update : Thu Oct 11 18:41:33 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-CLPesticides-1 Signal #2 Phase: ZB-CLPesticides-2  
 Signal #1 Info : 30M x 0.32mm x0.5 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 |              |        |        |          |          |          |           |
| 4) S                        | 2,4-DCAA     | 12.044 | 12.157 | 125.4E6  | 177.7E6  | 506.789  | 422.374   |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 3.271  | 2.938  | 107.9E6  | 96133435 | 179.523  | 179.908m  |
| 2) T                        | 3,5-DICHL... | 10.458 | 10.252 | 12127825 | 13050119 | 25.310m  | 25.375    |
| 3) T                        | 4-Nitroph... | 11.624 | 11.303 | 6934611  | 8396983  | 17.839   | 46.799 #  |
| 5) T                        | DICAMBA      | 12.363 | 12.466 | 39125002 | 44910902 | 25.432m  | 27.539m   |
| 6) T                        | MCPD         | 12.727 | 12.651 | 22373342 | 201021   | 53.004m  | 0.243m#   |
| 7) T                        | MCPA         | 0.000  | 13.007 | 0        | 93523292 | N.D.     | 71.870 #  |
| 8) T                        | DICHLORPROP  | 13.561 | 13.587 | 18074579 | 19263871 | 51.010   | 47.347    |
| 9) T                        | 2,4-D        | 13.919 | 14.077 | 7952821  | 12096386 | 23.192m  | 25.142m   |
| 10) T                       | Pentachlo... | 14.329 | 14.679 | 217.9E6  | 197.1E6  | 27.271   | 30.109    |
| 11) T                       | 2,4,5-TP ... | 15.196 | 15.253 | 82957663 | 78167777 | 29.245   | 31.797    |
| 12) T                       | 2,4,5-T      | 15.589 | 15.901 | 71218949 | 63544319 | 32.270   | 38.670    |
| 13) T                       | 2,4-DB       | 16.354 | 16.505 | 34527030 | 5454323  | 285.574m | 126.474 # |
| 14) T                       | DINOSEB      | 17.831 | 16.884 | 51151755 | 34112050 | 26.013m  | 20.779m   |
| 15) T                       | Picloram     | 17.605 | 18.277 | 51887962 | 41188136 | 163.560m | 171.439m  |
| 16) T                       | DCPA         | 18.193 | 18.142 | 78385059 | 72127604 | 18.900m  | 23.161m   |
| -----                       |              |        |        |          |          |          |           |

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

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Data File : PP027686.D  
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Acq On : 11 Oct 2018 18:41  
Operator : EI\MA  
Sample : J5164-09  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

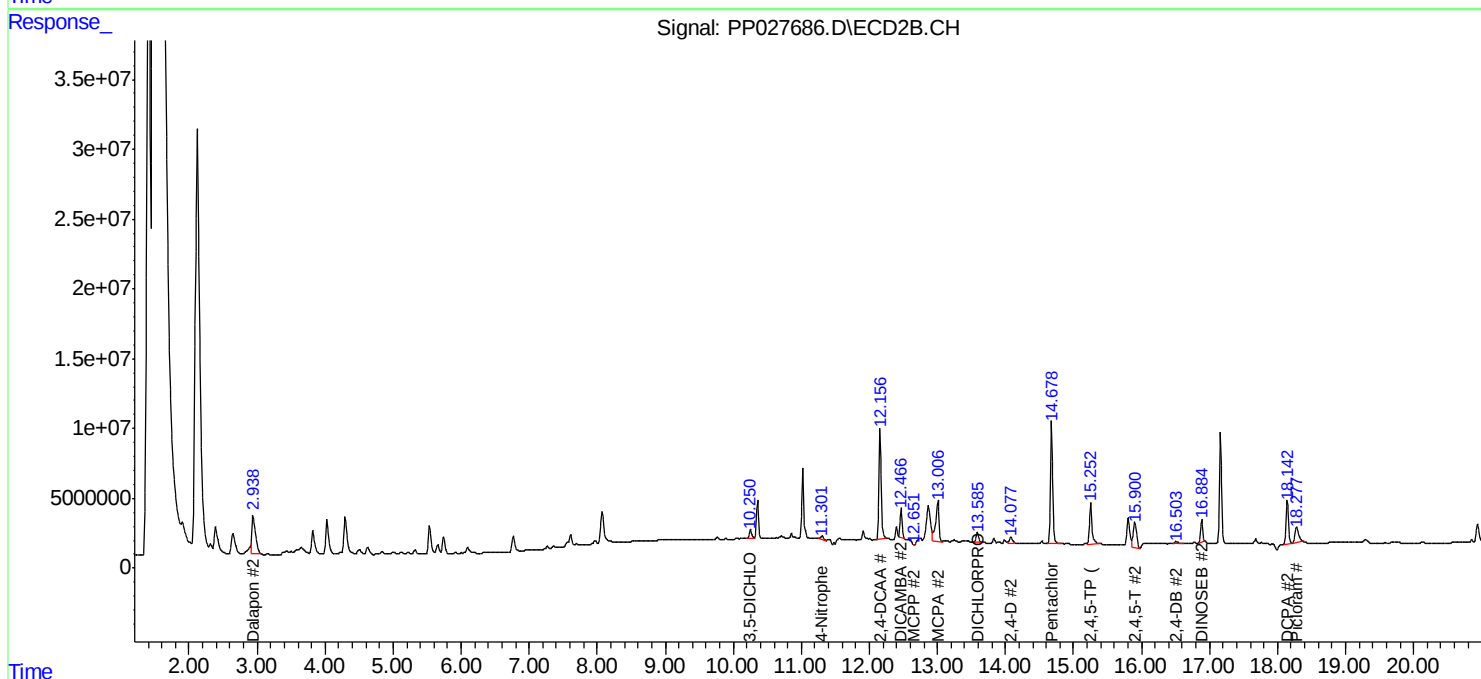
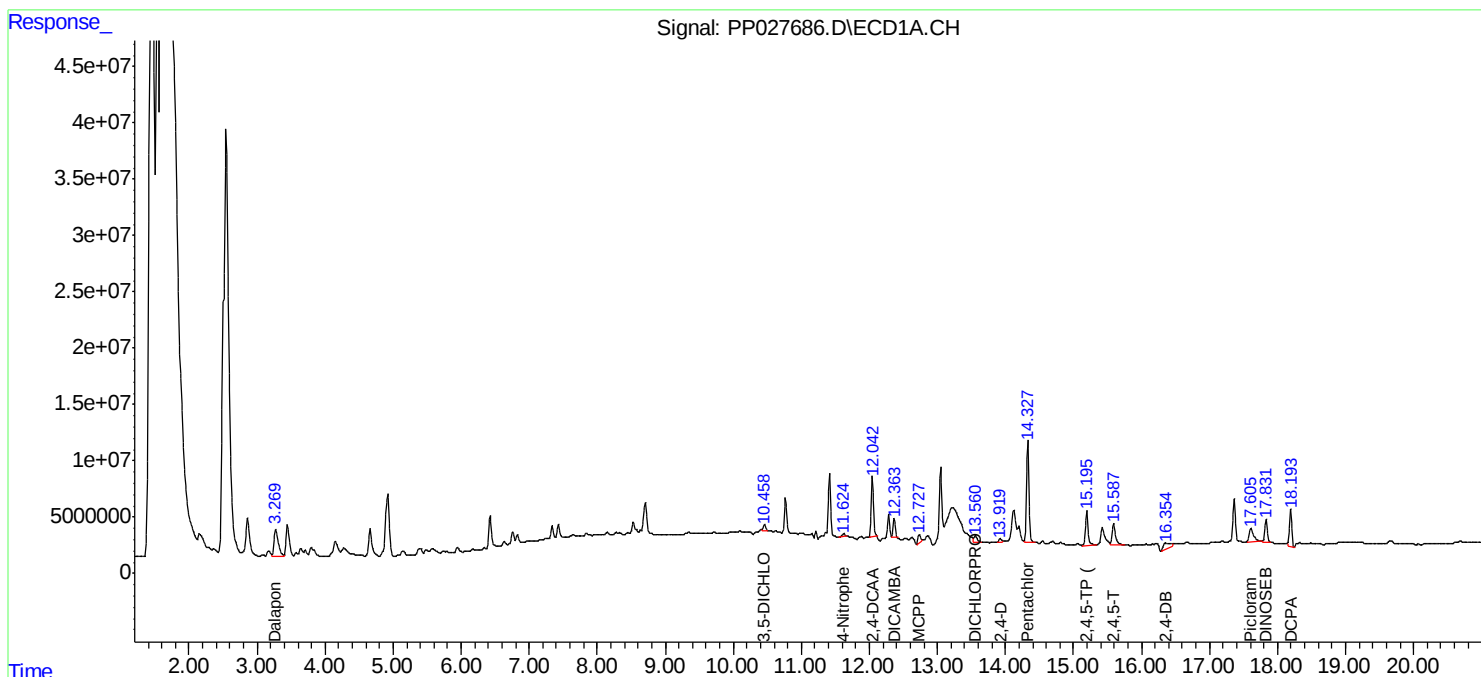
Instrument :  
ECD\_P  
ClientSampleId :  
MDL-WATER-03-QT4-2018

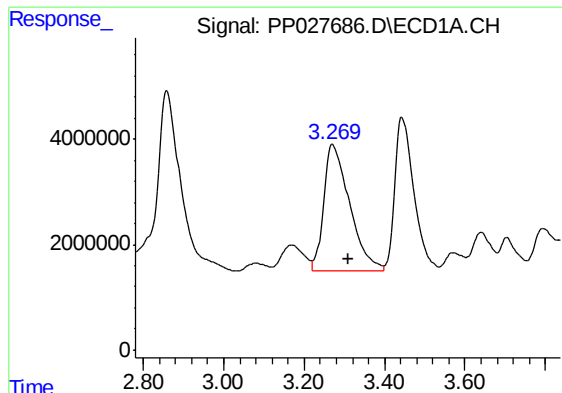
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 12 07:27:06 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP100918.M  
Quant Title : 8080.M  
QLast Update : Thu Oct 11 18:41:33 2018  
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Volume Inj. : 2 µl  
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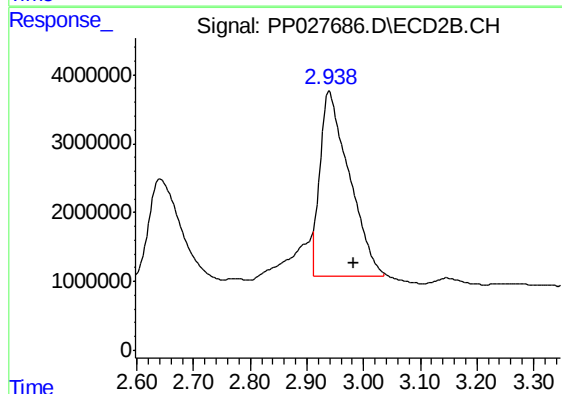
#1 Dalapon

R.T.: 3.271 min  
Delta R.T.: -0.041 min  
Response: 107913815  
Conc: 179.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-WATER-03-QT4-2018

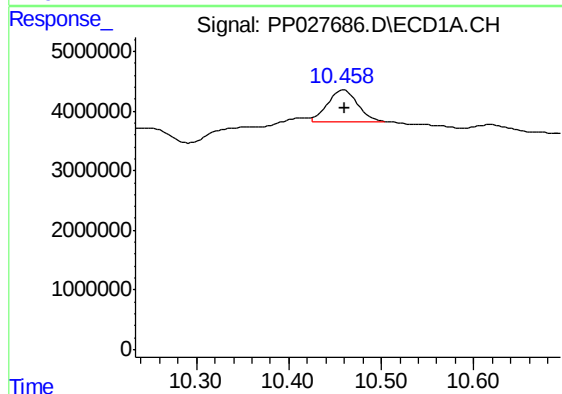
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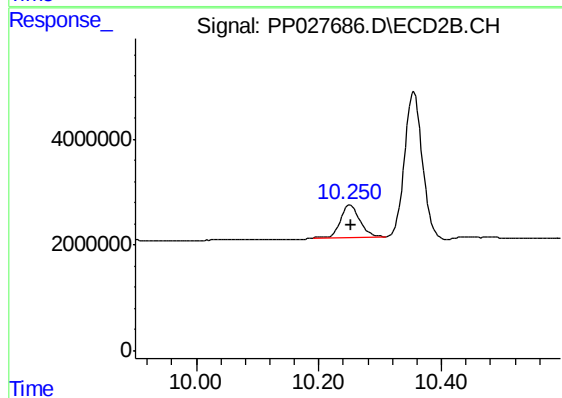
#1 Dalapon

R.T.: 2.938 min  
Delta R.T.: -0.045 min  
Response: 96133435  
Conc: 179.91 ng/ml m



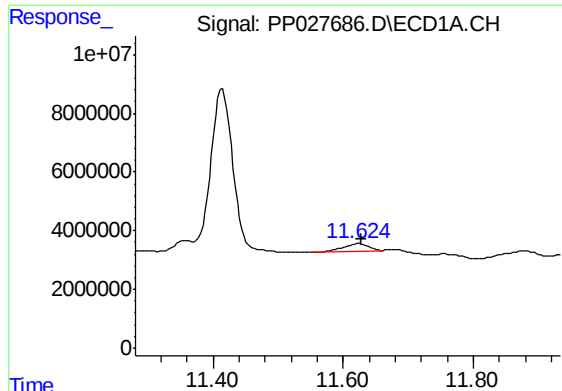
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 10.458 min  
Delta R.T.: -0.003 min  
Response: 12127825  
Conc: 25.31 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 10.252 min  
Delta R.T.: -0.001 min  
Response: 13050119  
Conc: 25.37 ng/ml



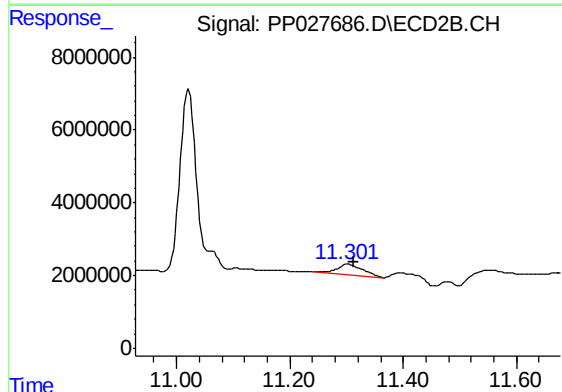
#3 4-Nitrophenol

R.T.: 11.624 min  
Delta R.T.: -0.003 min  
Response: 6934611  
Conc: 17.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-WATER-03-QT4-2018

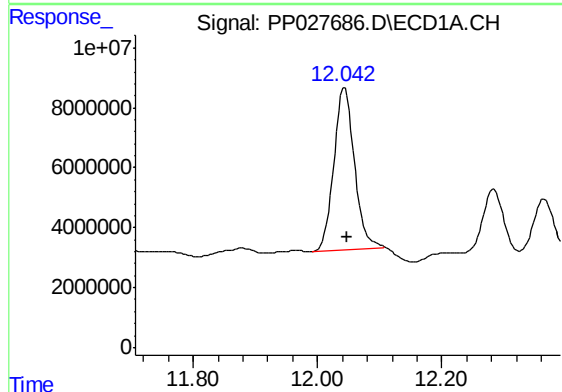
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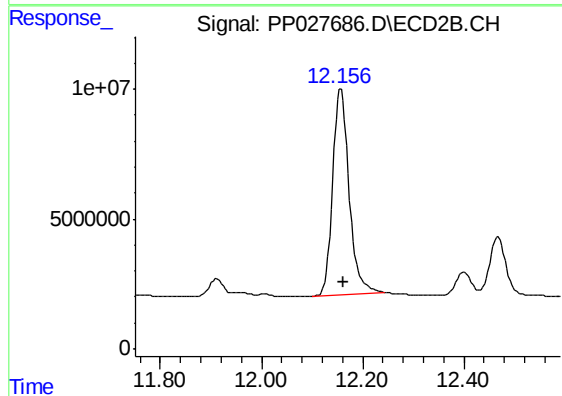
#3 4-Nitrophenol

R.T.: 11.303 min  
Delta R.T.: -0.009 min  
Response: 8396983  
Conc: 46.80 ng/ml



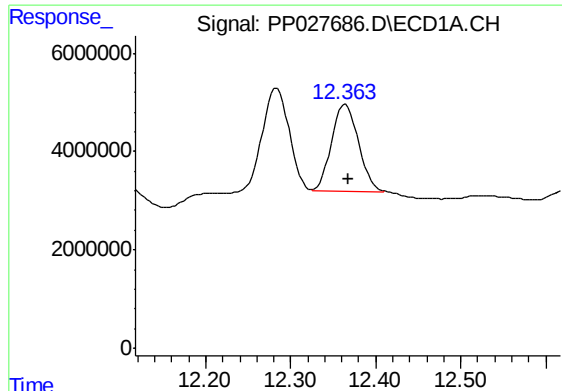
#4 2,4-DCAA

R.T.: 12.044 min  
Delta R.T.: -0.004 min  
Response: 125377235  
Conc: 506.79 ng/ml



#4 2,4-DCAA

R.T.: 12.157 min  
Delta R.T.: -0.004 min  
Response: 177732625  
Conc: 422.37 ng/ml



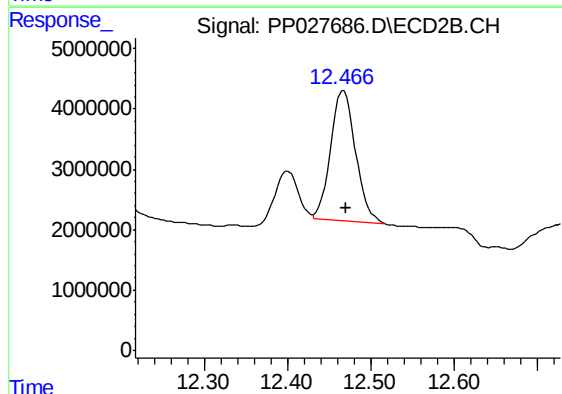
#5 DICAMBA

R.T.: 12.363 min  
Delta R.T.: -0.004 min  
Response: 39125002  
Conc: 25.43 ng/ml m

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-WATER-03-QT4-2018

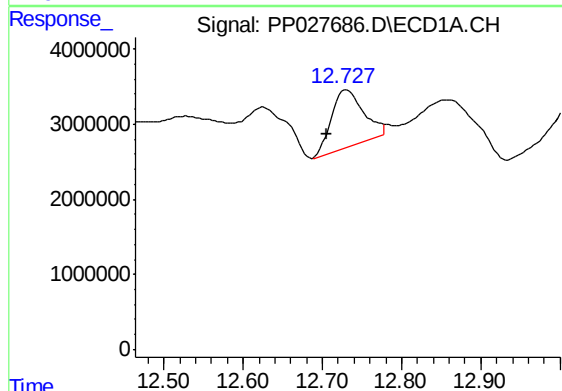
Manual Integrations  
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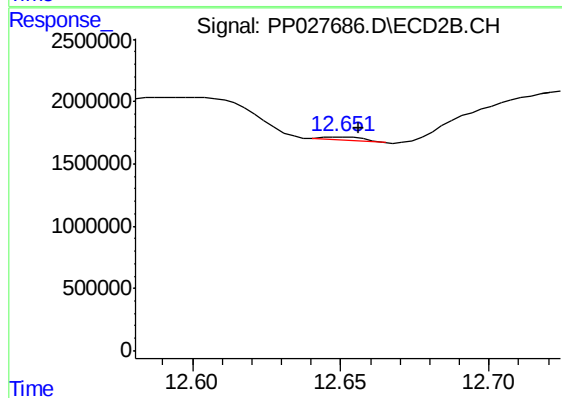
#5 DICAMBA

R.T.: 12.466 min  
Delta R.T.: -0.004 min  
Response: 44910902  
Conc: 27.54 ng/ml m



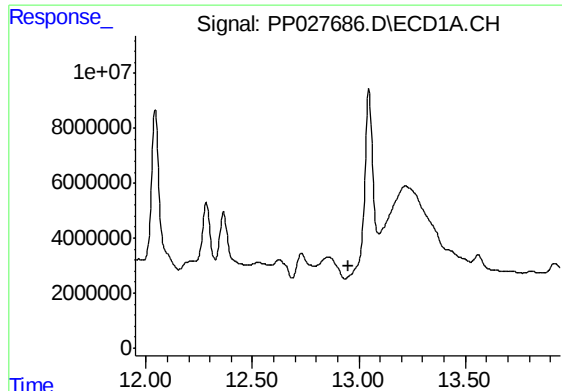
#6 MCPP

R.T.: 12.727 min  
Delta R.T.: 0.021 min  
Response: 22373342  
Conc: 53.00 ug/ml m



#6 MCPP

R.T.: 12.651 min  
Delta R.T.: -0.006 min  
Response: 201021  
Conc: 0.24 ug/ml m



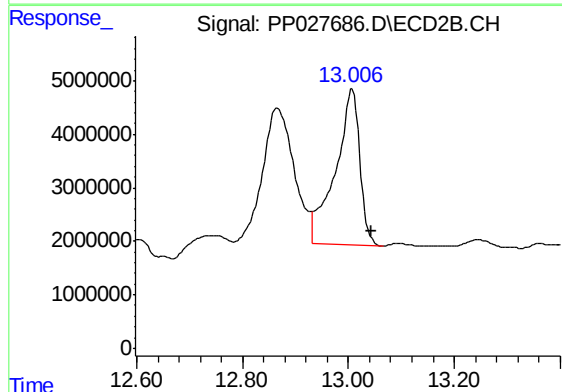
#7 MCPA

R.T.: 0.000 min  
Exp R.T.: 12.950 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-WATER-03-QT4-2018

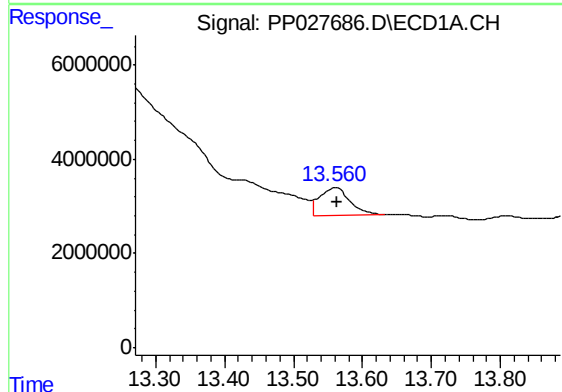
Manual Integrations  
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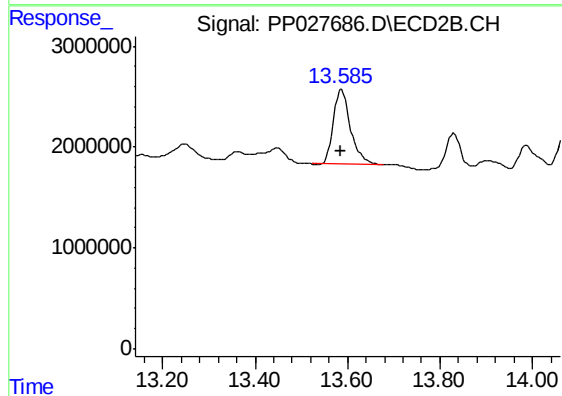
#7 MCPA

R.T.: 13.007 min  
Delta R.T.: -0.038 min  
Response: 93523292  
Conc: 71.87 ug/ml



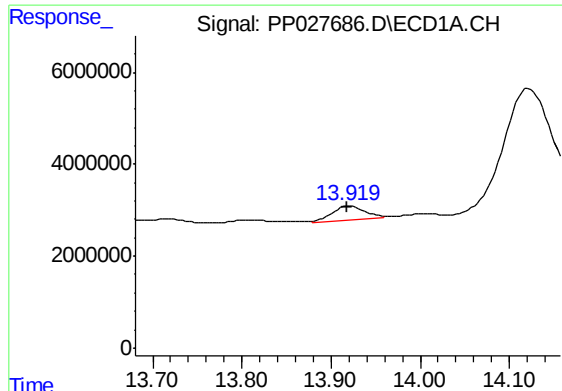
#8 DICHLORPROP

R.T.: 13.561 min  
Delta R.T.: -0.002 min  
Response: 18074579  
Conc: 51.01 ng/ml



#8 DICHLORPROP

R.T.: 13.587 min  
Delta R.T.: 0.001 min  
Response: 19263871  
Conc: 47.35 ng/ml



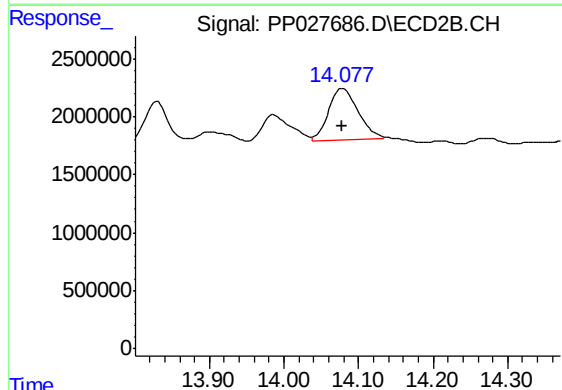
#9 2,4-D

R.T.: 13.919 min  
Delta R.T.: 0.002 min  
Response: 7952821  
Conc: 23.19 ng/ml m

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-WATER-03-QT4-2018

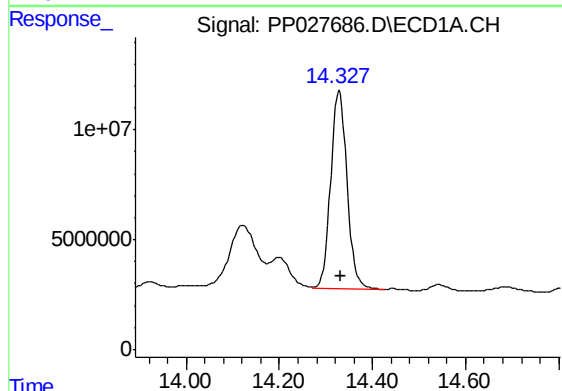
Manual Integrations  
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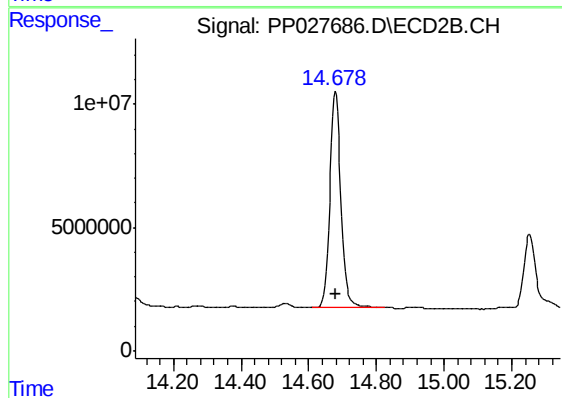
#9 2,4-D

R.T.: 14.077 min  
Delta R.T.: -0.001 min  
Response: 12096386  
Conc: 25.14 ng/ml m



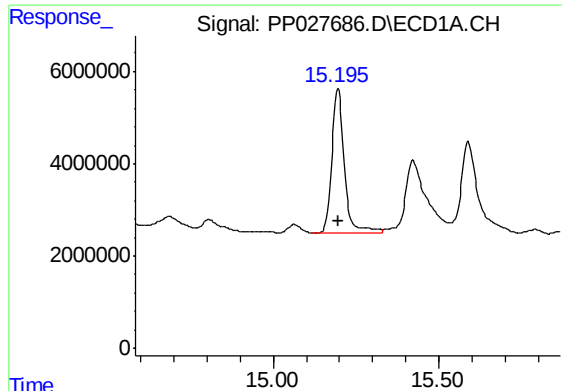
#10 Pentachlorophenol

R.T.: 14.329 min  
Delta R.T.: -0.003 min  
Response: 217889411  
Conc: 27.27 ng/ml



#10 Pentachlorophenol

R.T.: 14.679 min  
Delta R.T.: -0.002 min  
Response: 197084998  
Conc: 30.11 ng/ml



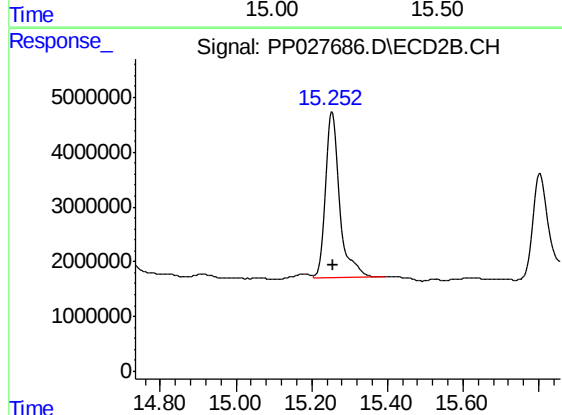
#11 2,4,5-TP (SILVEX)

R.T.: 15.196 min  
Delta R.T.: -0.001 min  
Response: 82957663  
Conc: 29.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-WATER-03-QT4-2018

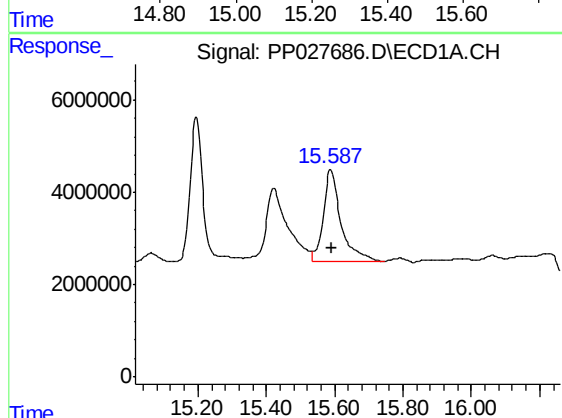
Manual Integrations  
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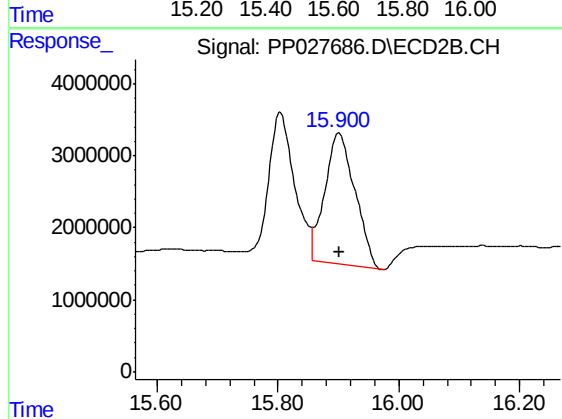
#11 2,4,5-TP (SILVEX)

R.T.: 15.253 min  
Delta R.T.: -0.002 min  
Response: 78167777  
Conc: 31.80 ng/ml



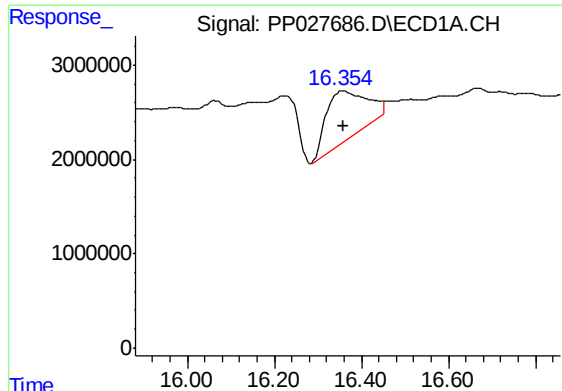
#12 2,4,5-T

R.T.: 15.589 min  
Delta R.T.: -0.002 min  
Response: 71218949  
Conc: 32.27 ng/ml



#12 2,4,5-T

R.T.: 15.901 min  
Delta R.T.: 0.000 min  
Response: 63544319  
Conc: 38.67 ng/ml



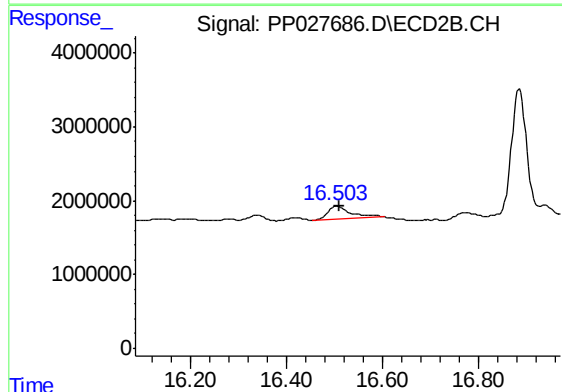
#13 2,4-DB

R.T.: 16.354 min  
Delta R.T.: -0.005 min  
Response: 34527030  
Conc: 285.57 ng/ml m

Instrument :  
ECD\_P  
ClientSampleId :  
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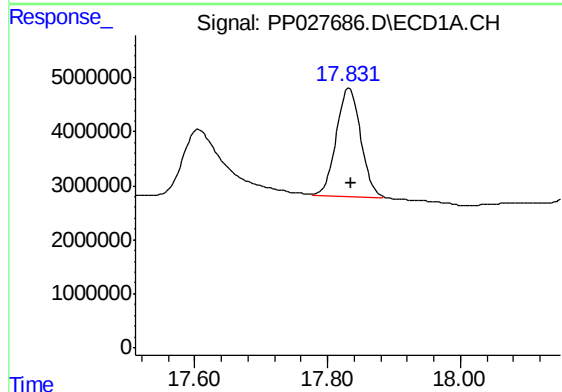
Manual Integrations  
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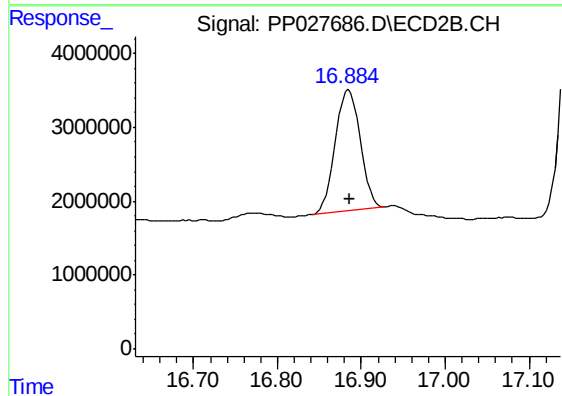
#13 2,4-DB

R.T.: 16.505 min  
Delta R.T.: -0.005 min  
Response: 5454323  
Conc: 126.47 ng/ml



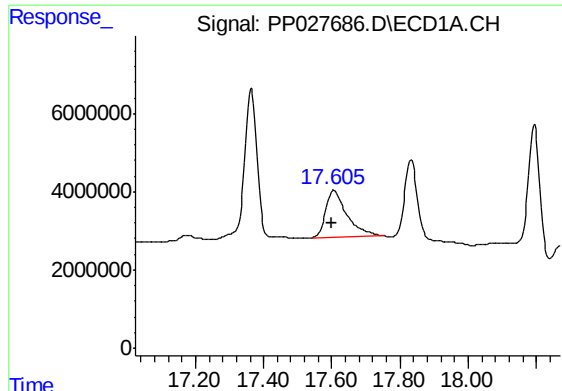
#14 DINOSEB

R.T.: 17.831 min  
Delta R.T.: -0.004 min  
Response: 51151755  
Conc: 26.01 ng/ml m



#14 DINOSEB

R.T.: 16.884 min  
Delta R.T.: -0.003 min  
Response: 34112050  
Conc: 20.78 ng/ml m



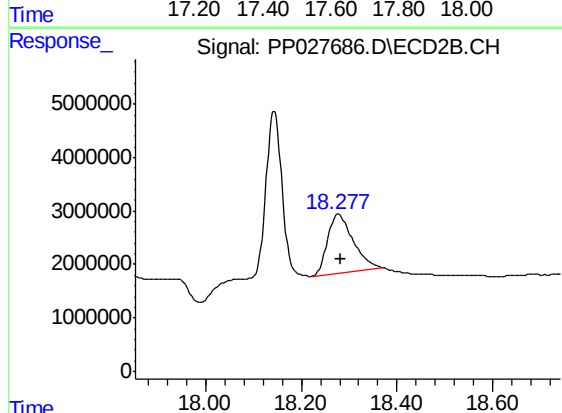
#15 Picloram

R.T.: 17.605 min  
Delta R.T.: 0.003 min  
Response: 51887962  
Conc: 163.56 ng/ml m

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-WATER-03-QT4-2018

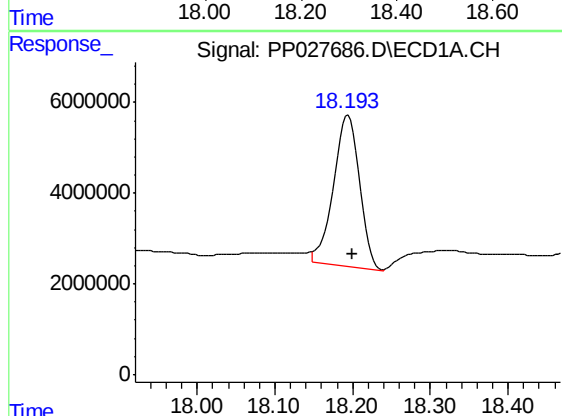
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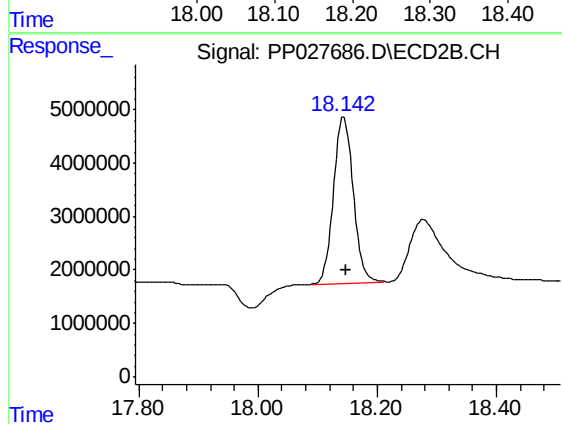
#15 Picloram

R.T.: 18.277 min  
Delta R.T.: -0.005 min  
Response: 41188136  
Conc: 171.44 ng/ml m



#16 DCPA

R.T.: 18.193 min  
Delta R.T.: -0.007 min  
Response: 78385059  
Conc: 18.90 ng/ml m



#16 DCPA

R.T.: 18.142 min  
Delta R.T.: -0.004 min  
Response: 72127604  
Conc: 23.16 ng/ml m