

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP010419\  
 Data File : PP028638.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 04 Jan 2019 16:09  
 Operator : EI\MA  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 04 22:58:34 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP010319.M  
 Quant Title : 8080.M  
 QLast Update : Fri Jan 04 01:40:06 2019  
 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     | 12.133 | 12.245 | 197.3E6  | 345.6E6  | 767.269 | 791.511 |
| Target Compounds            |              |        |        |          |          |         |         |
| 1) T                        | Dalapon      | 3.360  | 3.027  | 397.8E6  | 385.2E6  | 650.482 | 658.977 |
| 2) T                        | 3,5-DICHL... | 10.545 | 10.334 | 353.5E6  | 378.8E6  | 707.320 | 735.148 |
| 3) T                        | 4-Nitroph... | 11.712 | 11.390 | 291.2E6  | 151.8E6  | 736.344 | 771.588 |
| 5) T                        | DICAMBA      | 12.455 | 12.555 | 1133.0E6 | 1281.1E6 | 723.699 | 741.810 |
| 6) T                        | MCPD         | 12.796 | 12.746 | 41307304 | 70805794 | 80.833m | 76.554  |
| 7) T                        | MCPA         | 13.041 | 13.136 | 56511904 | 109.0E6  | 70.968  | 74.465  |
| 8) T                        | DICHLORPROP  | 13.653 | 13.670 | 245.9E6  | 322.1E6  | 760.205 | 741.785 |
| 9) T                        | 2,4-D        | 14.006 | 14.159 | 238.1E6  | 371.7E6  | 775.822 | 762.047 |
| 10) T                       | Pentachlo... | 14.424 | 14.772 | 5748.4E6 | 4854.0E6 | 732.165 | 746.529 |
| 11) T                       | 2,4,5-TP ... | 15.287 | 15.341 | 2090.7E6 | 1888.3E6 | 735.645 | 764.458 |
| 12) T                       | 2,4,5-T      | 15.679 | 15.985 | 1909.8E6 | 1661.9E6 | 757.206 | 766.092 |
| 13) T                       | 2,4-DB       | 16.443 | 16.586 | 141.5E6  | 190.9E6  | 775.195 | 774.324 |
| 14) T                       | DINOSEB      | 17.932 | 16.976 | 1499.5E6 | 1266.5E6 | 685.161 | 721.681 |
| 15) T                       | Picloram     | 17.701 | 18.362 | 3158.7E6 | 2825.6E6 | 739.371 | 761.697 |
| 16) T                       | DCPA         | 18.295 | 18.239 | 3052.8E6 | 2459.0E6 | 739.417 | 752.955 |
| -----                       |              |        |        |          |          |         |         |

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

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Acq On : 04 Jan 2019 16:09  
Operator : EI\MA  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

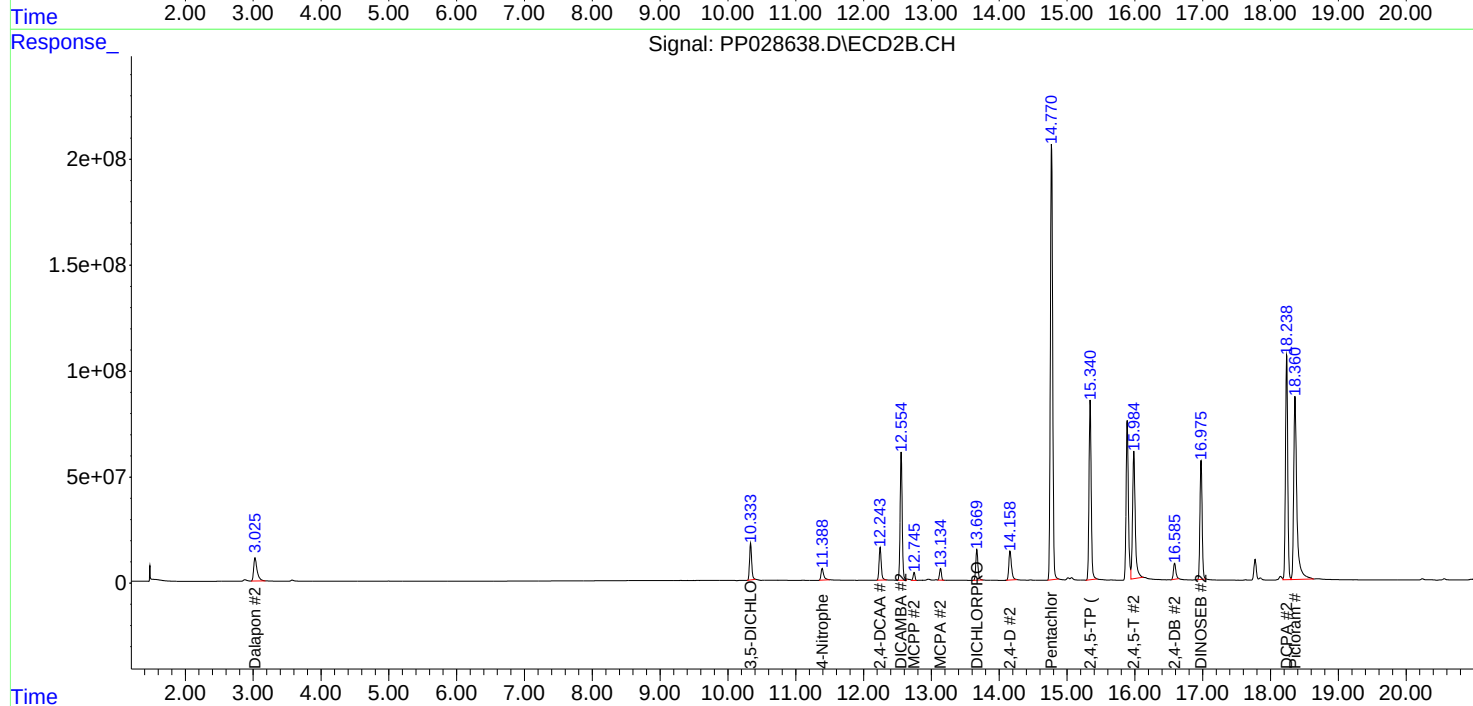
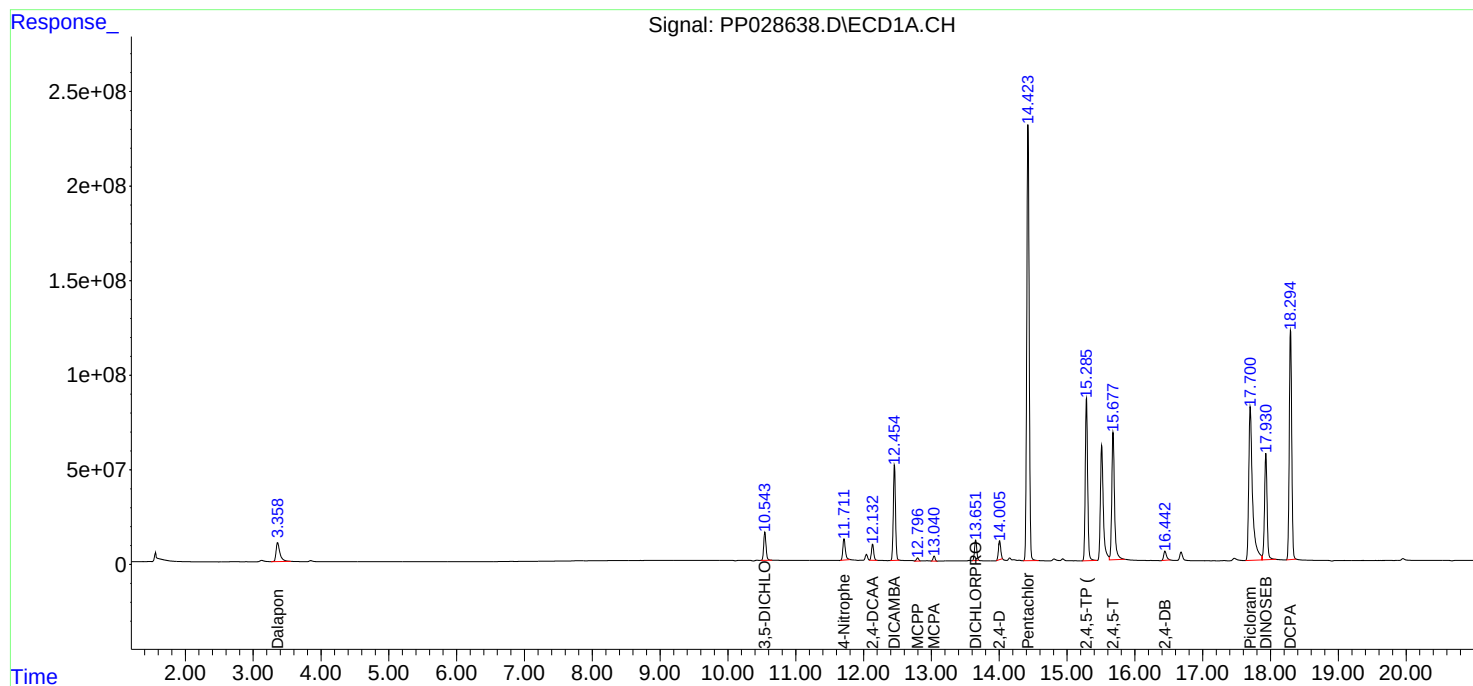
Instrument :  
ECD\_P  
ClientSampleId :  
HSTDCCC750

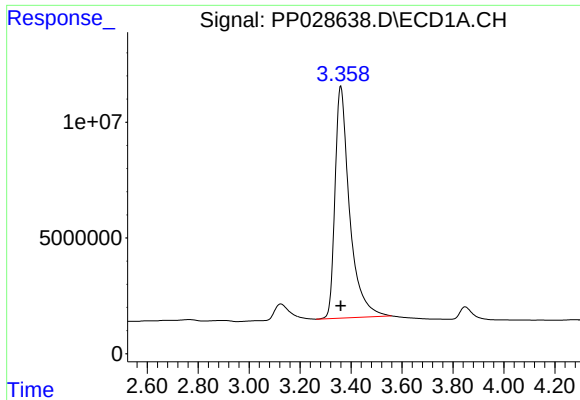
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 04 22:58:34 2019  
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QLast Update : Fri Jan 04 01:40:06 2019  
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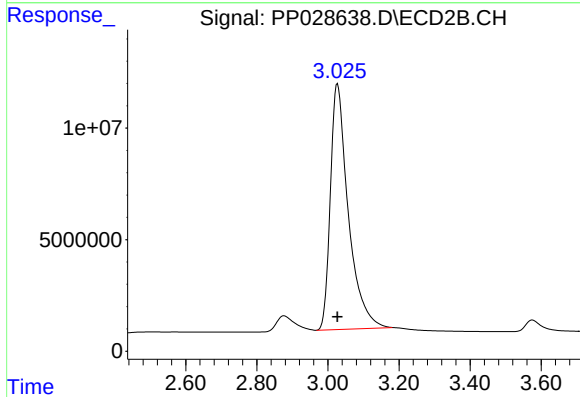
#1 Dalapon

R.T.: 3.360 min  
Delta R.T.: 0.000 min  
Response: 397780533  
Conc: 650.48 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HSTDCCC750

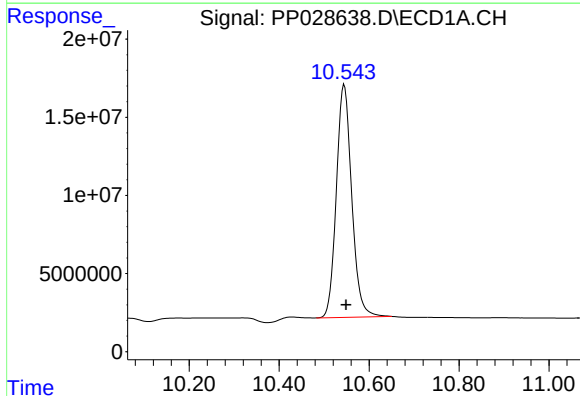
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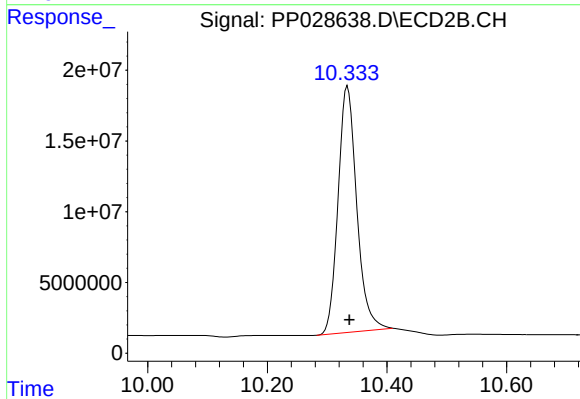
#1 Dalapon

R.T.: 3.027 min  
Delta R.T.: 0.000 min  
Response: 385229742  
Conc: 658.98 ng/ml



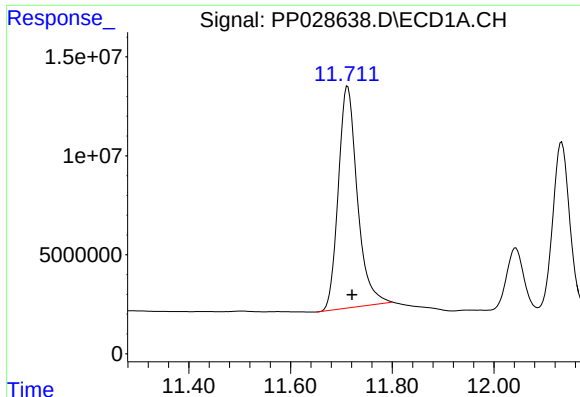
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 10.545 min  
Delta R.T.: -0.004 min  
Response: 353470125  
Conc: 707.32 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 10.334 min  
Delta R.T.: -0.003 min  
Response: 378811134  
Conc: 735.15 ng/ml



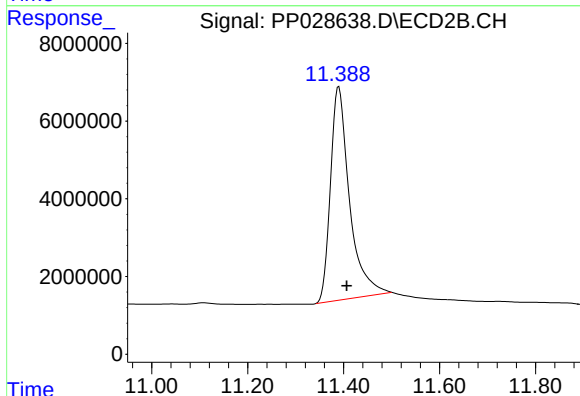
#3 4-Nitrophenol

R.T.: 11.712 min  
Delta R.T.: -0.008 min  
Response: 291218983  
Conc: 736.34 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HSTDCCC750

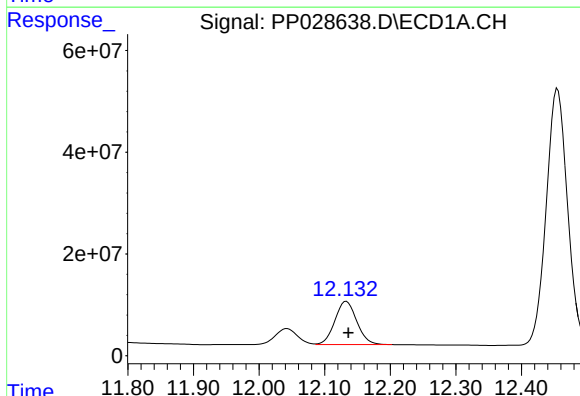
Manual Integrations  
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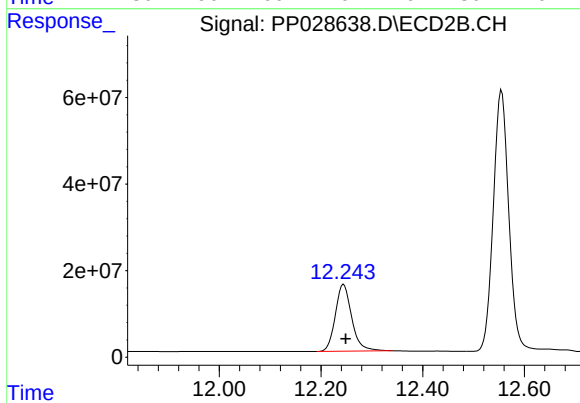
#3 4-Nitrophenol

R.T.: 11.390 min  
Delta R.T.: -0.017 min  
Response: 151759185  
Conc: 771.59 ng/ml



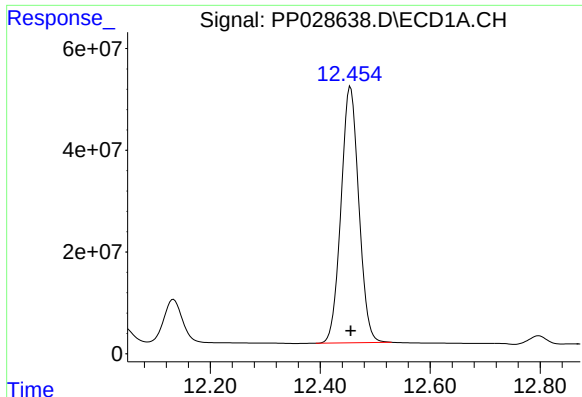
#4 2,4-DCAA

R.T.: 12.133 min  
Delta R.T.: -0.003 min  
Response: 197268631  
Conc: 767.27 ng/ml



#4 2,4-DCAA

R.T.: 12.245 min  
Delta R.T.: -0.004 min  
Response: 345558917  
Conc: 791.51 ng/ml



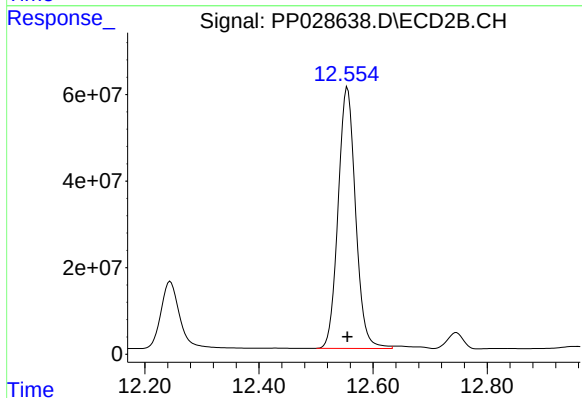
#5 DICAMBA

R.T.: 12.455 min  
Delta R.T.: 0.000 min  
Response: 1132967223  
Conc: 723.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HSTDCCC750

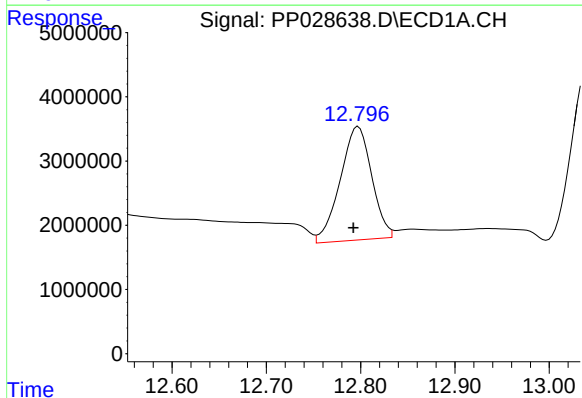
Manual Integrations  
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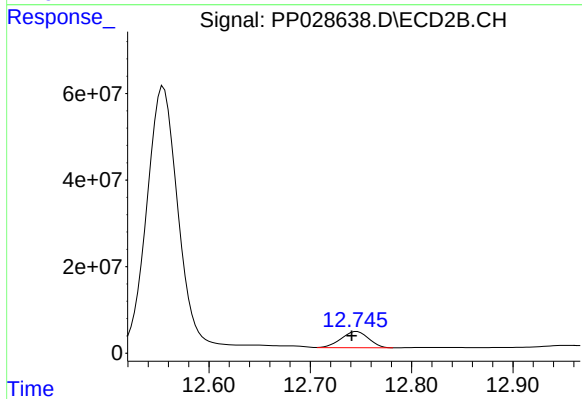
#5 DICAMBA

R.T.: 12.555 min  
Delta R.T.: 0.000 min  
Response: 1281118963  
Conc: 741.81 ng/ml



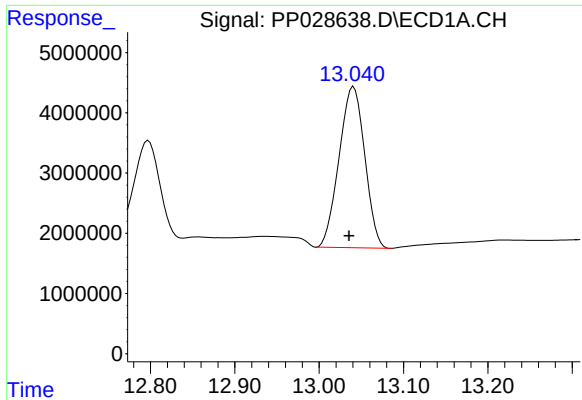
#6 MCP

R.T.: 12.796 min  
Delta R.T.: 0.004 min  
Response: 41307304  
Conc: 80.83 ug/ml m



#6 MCP

R.T.: 12.746 min  
Delta R.T.: 0.005 min  
Response: 70805794  
Conc: 76.55 ug/ml



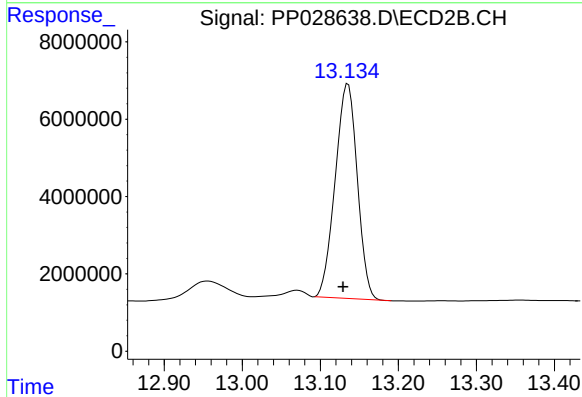
#7 MCPA

R.T.: 13.041 min  
Delta R.T.: 0.006 min  
Response: 56511904  
Conc: 70.97 ug/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HSTDCCC750

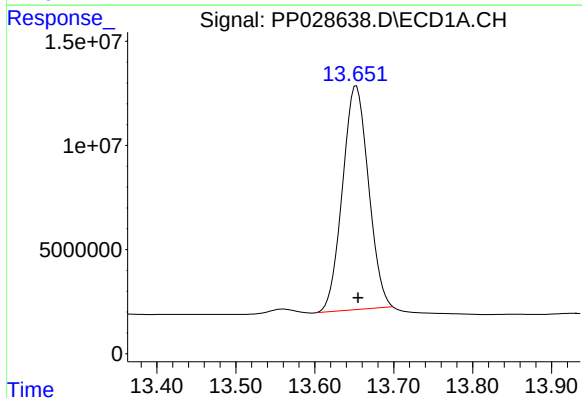
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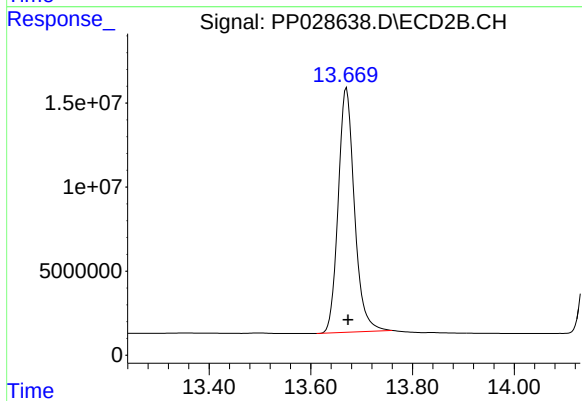
#7 MCPA

R.T.: 13.136 min  
Delta R.T.: 0.006 min  
Response: 108977887  
Conc: 74.46 ug/ml



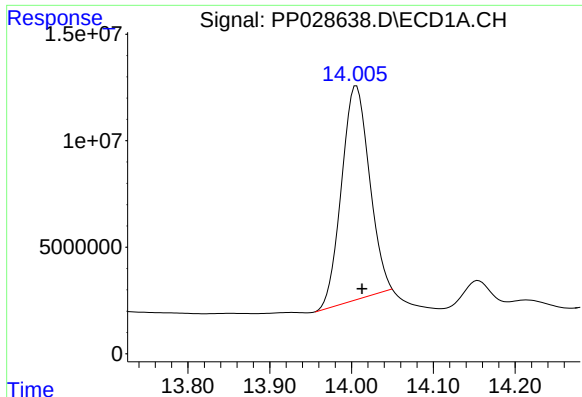
#8 DICHLORPROP

R.T.: 13.653 min  
Delta R.T.: -0.002 min  
Response: 245934364  
Conc: 760.21 ng/ml



#8 DICHLORPROP

R.T.: 13.670 min  
Delta R.T.: -0.003 min  
Response: 322124913  
Conc: 741.78 ng/ml



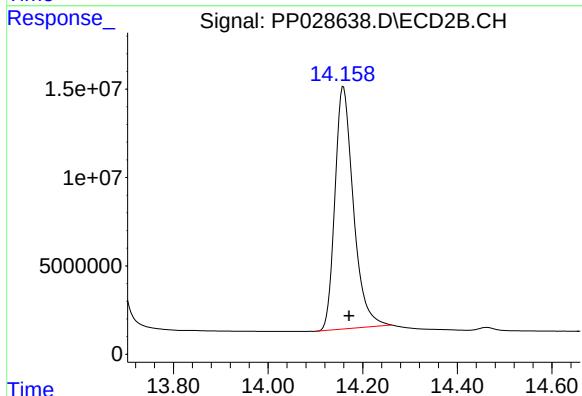
#9 2,4-D

R.T.: 14.006 min  
Delta R.T.: -0.007 min  
Response: 238131652  
Conc: 775.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HSTDCCC750

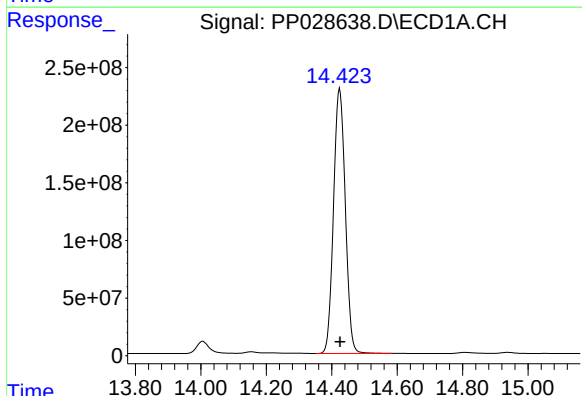
Manual Integrations  
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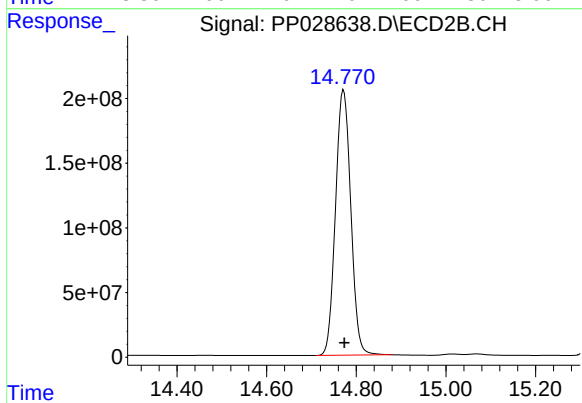
#9 2,4-D

R.T.: 14.159 min  
Delta R.T.: -0.012 min  
Response: 371708781  
Conc: 762.05 ng/ml



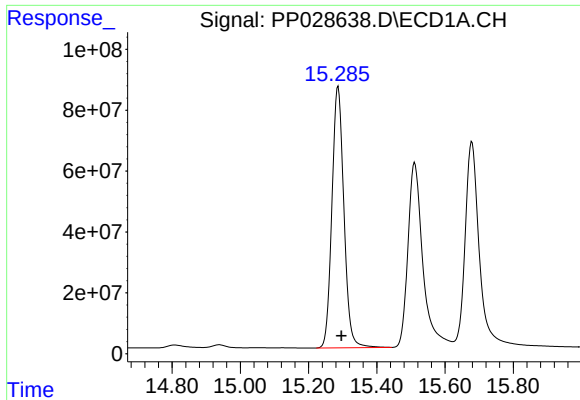
#10 Pentachlorophenol

R.T.: 14.424 min  
Delta R.T.: -0.001 min  
Response: 5748414499  
Conc: 732.17 ng/ml



#10 Pentachlorophenol

R.T.: 14.772 min  
Delta R.T.: -0.002 min  
Response: 4853956823  
Conc: 746.53 ng/ml



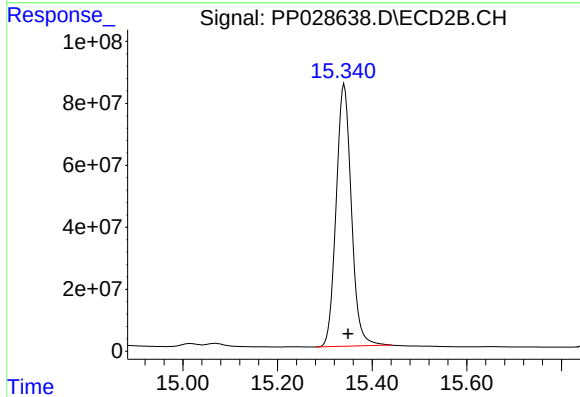
#11 2,4,5-TP (SILVEX)

R.T.: 15.287 min  
Delta R.T.: -0.010 min  
Response: 2090680147  
Conc: 735.64 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HSTDCCC750

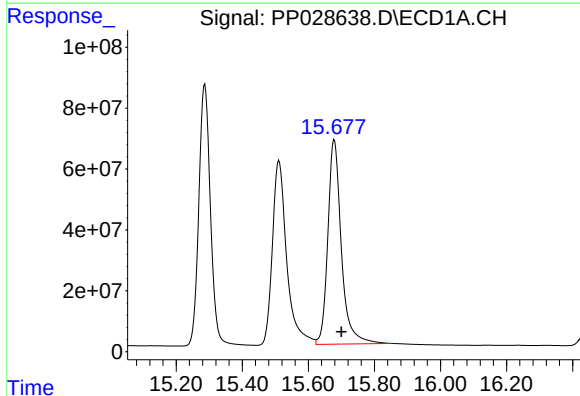
Manual Integrations  
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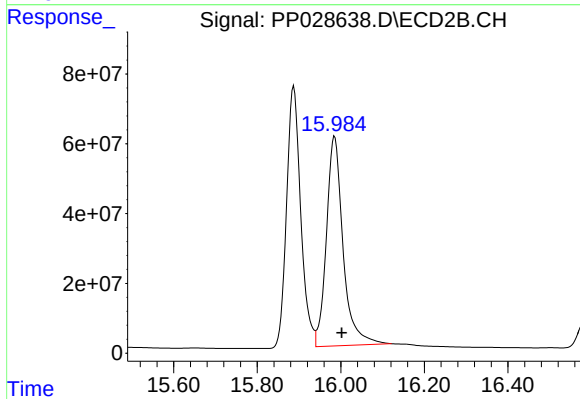
#11 2,4,5-TP (SILVEX)

R.T.: 15.341 min  
Delta R.T.: -0.008 min  
Response: 1888312737  
Conc: 764.46 ng/ml



#12 2,4,5-T

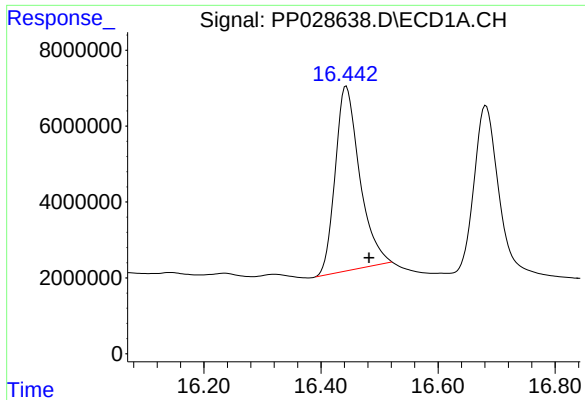
R.T.: 15.679 min  
Delta R.T.: -0.021 min  
Response: 1909761541  
Conc: 757.21 ng/ml



#12 2,4,5-T

R.T.: 15.985 min  
Delta R.T.: -0.017 min  
Response: 1661856436  
Conc: 766.09 ng/ml





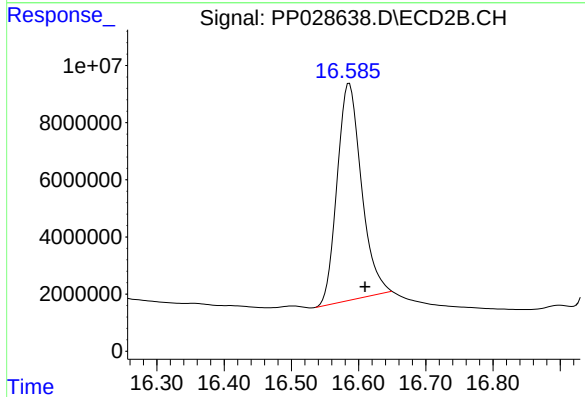
#13 2,4-DB

R.T.: 16.443 min  
Delta R.T.: -0.039 min  
Response: 141489581  
Conc: 775.20 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HSTDCCC750

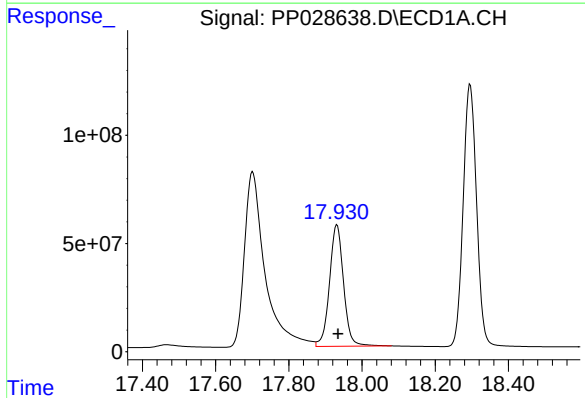
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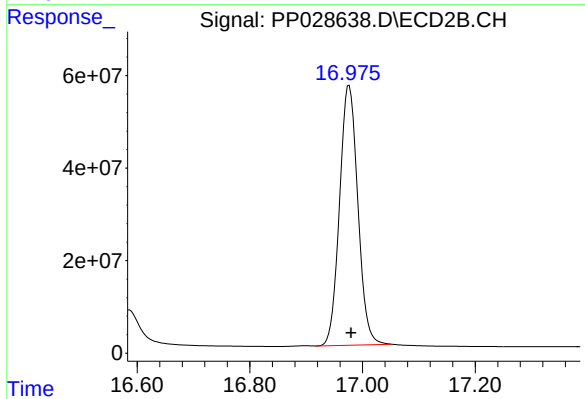
#13 2,4-DB

R.T.: 16.586 min  
Delta R.T.: -0.024 min  
Response: 190874868  
Conc: 774.32 ng/ml



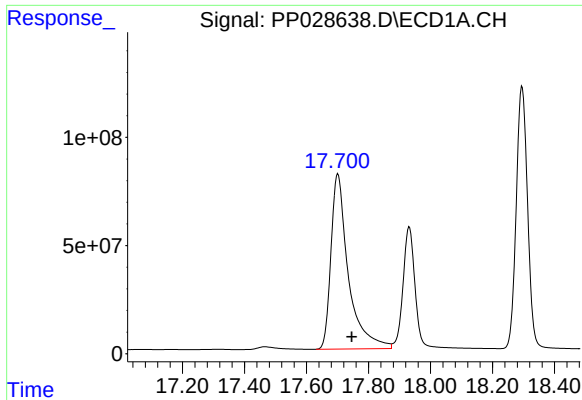
#14 DINOSEB

R.T.: 17.932 min  
Delta R.T.: -0.004 min  
Response: 1499465041  
Conc: 685.16 ng/ml



#14 DINOSEB

R.T.: 16.976 min  
Delta R.T.: -0.003 min  
Response: 1266451312  
Conc: 721.68 ng/ml



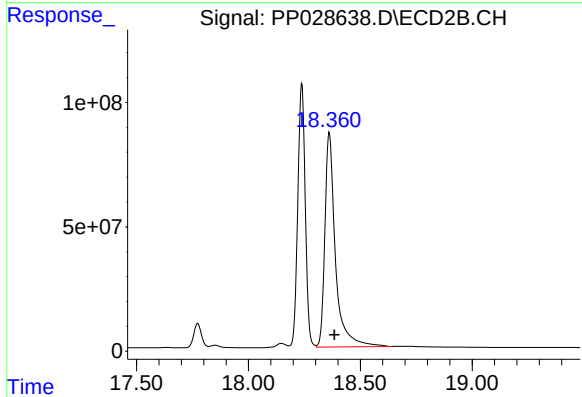
#15 Picloram

R.T.: 17.701 min  
Delta R.T.: -0.044 min  
Response: 3158727228  
Conc: 739.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HSTDCCC750

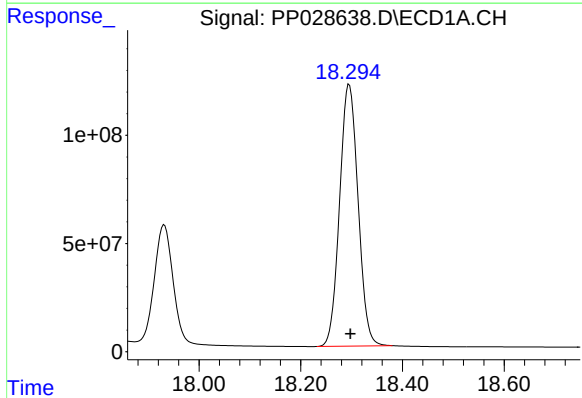
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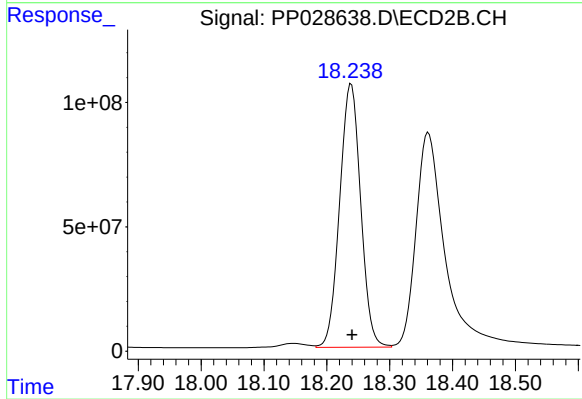
#15 Picloram

R.T.: 18.362 min  
Delta R.T.: -0.023 min  
Response: 2825612368  
Conc: 761.70 ng/ml



#16 DCPA

R.T.: 18.295 min  
Delta R.T.: -0.003 min  
Response: 3052828966  
Conc: 739.42 ng/ml



#16 DCPA

R.T.: 18.239 min  
Delta R.T.: -0.001 min  
Response: 2459048682  
Conc: 752.95 ng/ml