

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101419\  
 Data File : PP030484.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 14 Oct 2019 22:05  
 Operator : DD\AJ  
 Sample : K5325-02MSD  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 10-10-BMSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 15 01:13:22 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP100919.M  
 Quant Title : 8080.M  
 QLast Update : Thu Oct 10 09:35:34 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     | 11.034 | 11.188 | 175.9E6  | 101.2E6  | 486.365  | 460.371 |
| Target Compounds            |              |        |        |          |          |          |         |
| 1) T                        | Dalapon      | 2.628  | 2.442  | 131.0E6  | 70063409 | 237.979  | 241.376 |
| 2) T                        | 3,5-DICHL... | 9.455  | 9.315  | 162.0E6  | 76461787 | 268.936  | 262.795 |
| 3) T                        | 4-Nitroph... | 10.606 | 10.347 | 73405104 | 19803180 | 177.772  | 175.842 |
| 5) T                        | DICAMBA      | 11.340 | 11.481 | 395.0E6  | 232.0E6  | 267.121  | 271.054 |
| 6) T                        | MCPD         | 11.684 | 11.686 | 27106865 | 9802490  | 29.747m  | 23.026  |
| 7) T                        | MCPA         | 11.935 | 12.071 | 29086419 | 15126708 | 23.053   | 20.629  |
| 8) T                        | DICHLORPROP  | 12.531 | 12.598 | 90199764 | 54030484 | 252.093m | 259.931 |
| 9) T                        | 2,4-D        | 12.892 | 13.084 | 89707804 | 53430261 | 225.499  | 230.070 |
| 10) T                       | Pentachlo... | 13.246 | 13.637 | 1320.9E6 | 772.3E6  | 231.841  | 231.080 |
| 11) T                       | 2,4,5-TP ... | 14.135 | 14.241 | 453.5E6  | 281.9E6  | 227.000  | 229.304 |
| 12) T                       | 2,4,5-T      | 14.531 | 14.784 | 282.0E6  | 162.3E6  | 145.278  | 154.527 |
| 13) T                       | 2,4-DB       | 15.274 | 15.465 | 64221926 | 32905409 | 252.289m | 231.444 |
| 14) T                       | DINOSB       | 16.731 | 15.869 | 29280362 | 13359780 | 26.510   | 20.952  |
| 15) T                       | Picloram     | 16.513 | 17.185 | 402.3E6  | 226.0E6  | 175.801  | 161.182 |
| 16) T                       | DCPA         | 17.083 | 17.080 | 406.3E6  | 286.3E6  | 154.494m | 178.950 |
| -----                       |              |        |        |          |          |          |         |

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

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Acq On : 14 Oct 2019 22:05  
Operator : DD\AJ  
Sample : K5325-02MSD  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

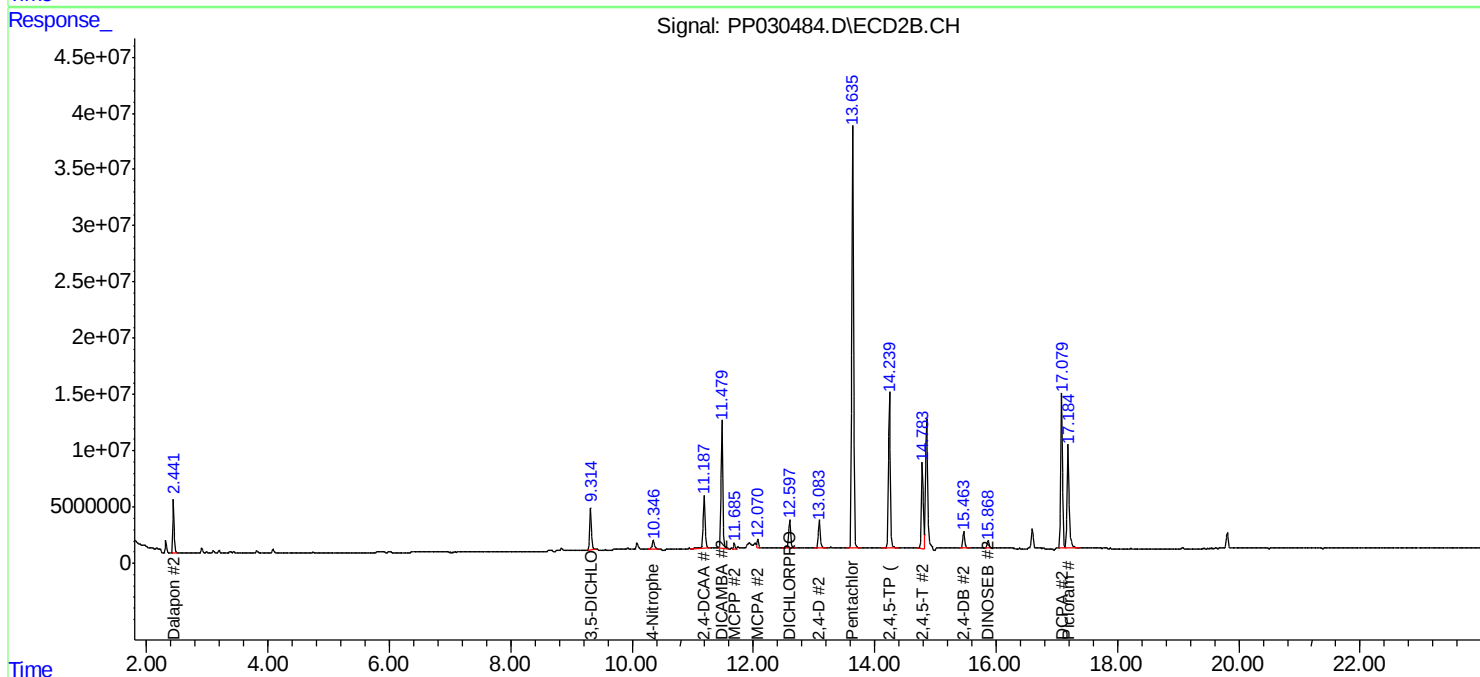
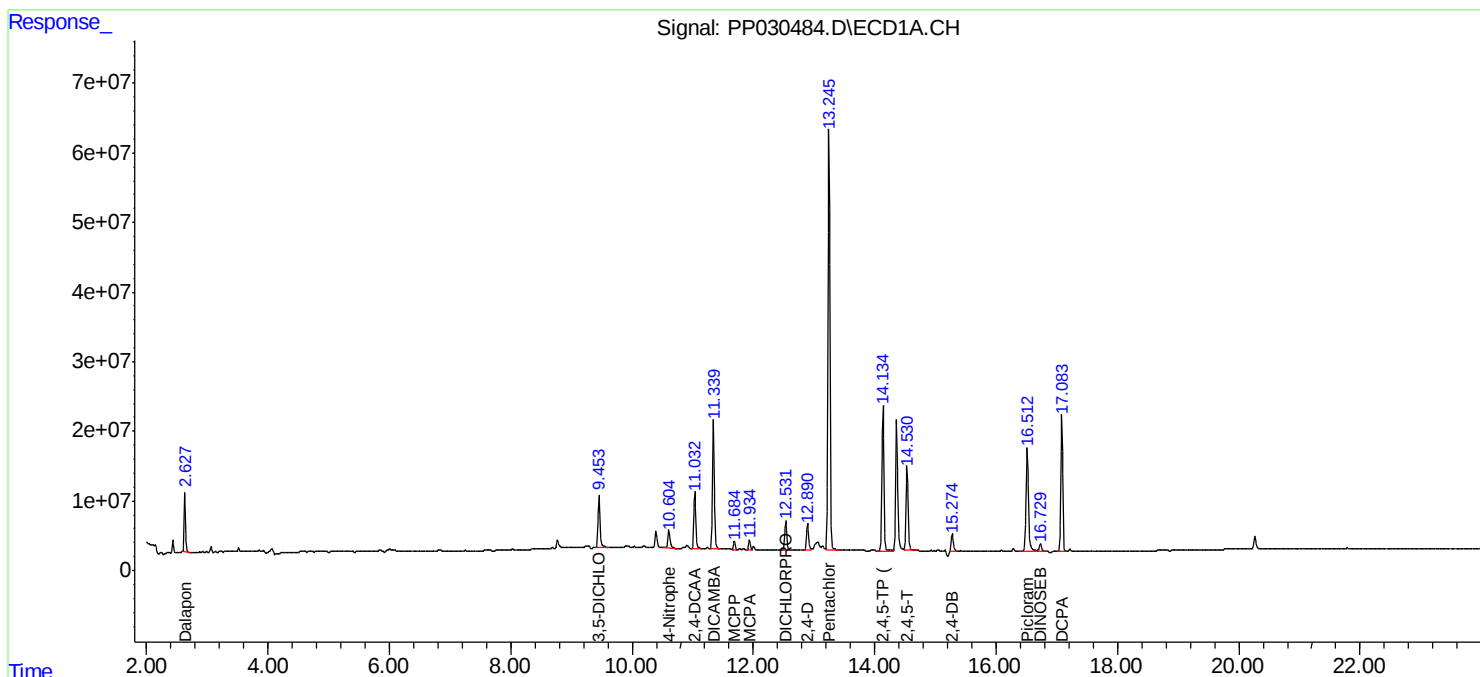
Instrument :  
ECD\_P  
Client Sampled :  
10-10-BMSD

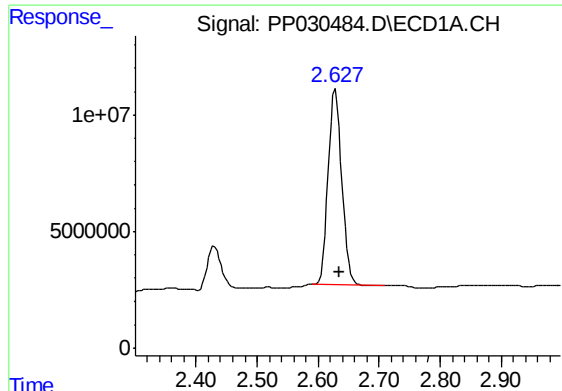
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 15 01:13:22 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP100919.M  
Quant Title : 8080.M  
QLast Update : Thu Oct 10 09:35:34 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





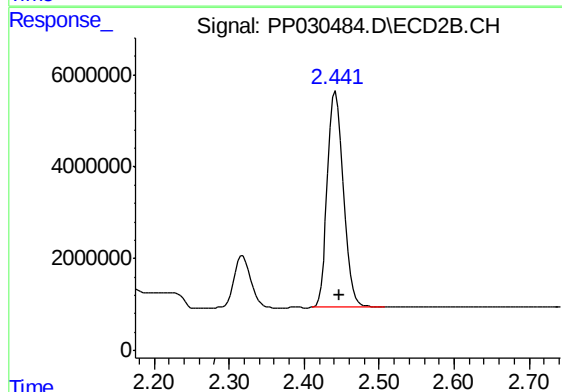
#1 Dalapon

R.T.: 2.628 min  
Delta R.T.: -0.007 min  
Response: 131027079  
Conc: 237.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
10-10-BMSD

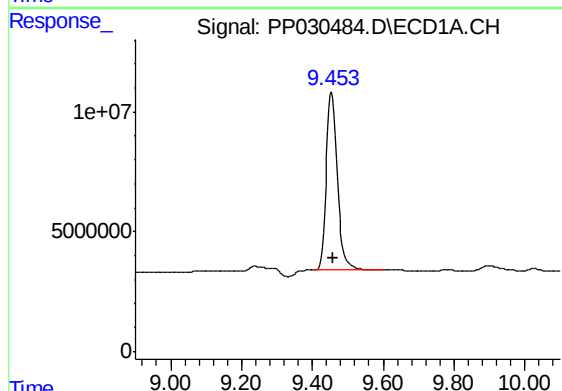
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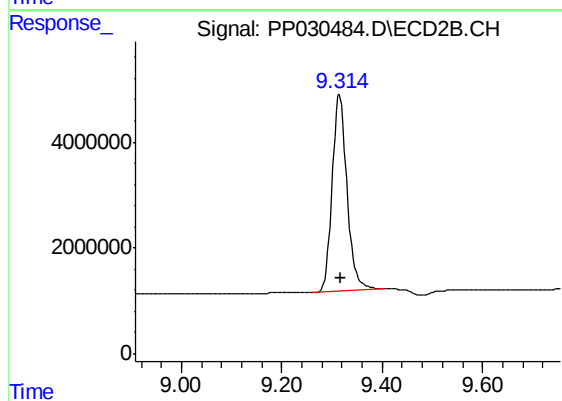
#1 Dalapon

R.T.: 2.442 min  
Delta R.T.: -0.006 min  
Response: 70063409  
Conc: 241.38 ng/ml



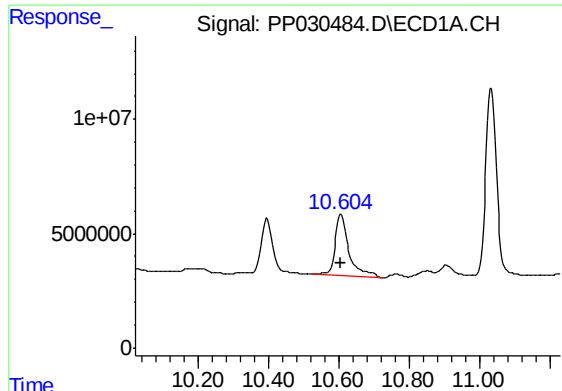
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.455 min  
Delta R.T.: -0.003 min  
Response: 161973240  
Conc: 268.94 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.315 min  
Delta R.T.: -0.004 min  
Response: 76461787  
Conc: 262.79 ng/ml



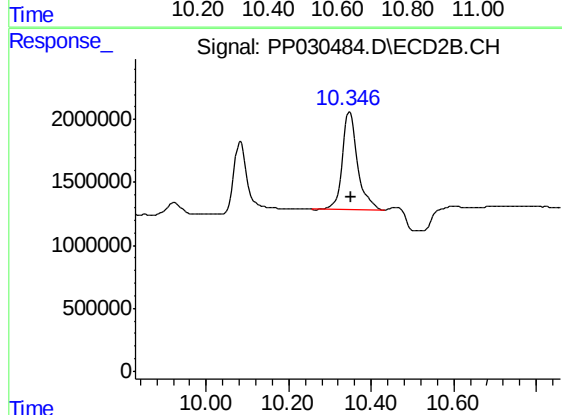
#3 4-Nitrophenol

R.T.: 10.606 min  
Delta R.T.: -0.001 min  
Response: 73405104  
Conc: 177.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
10-10-BMSD

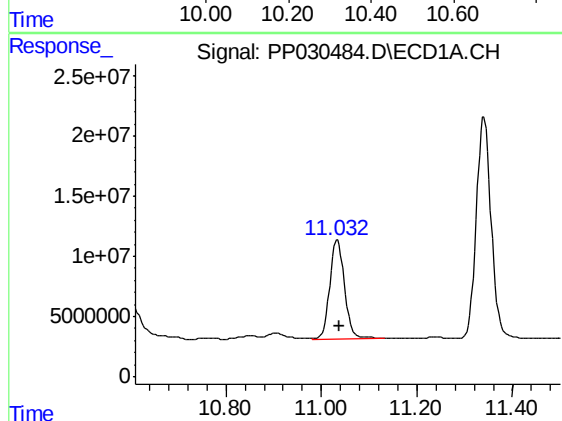
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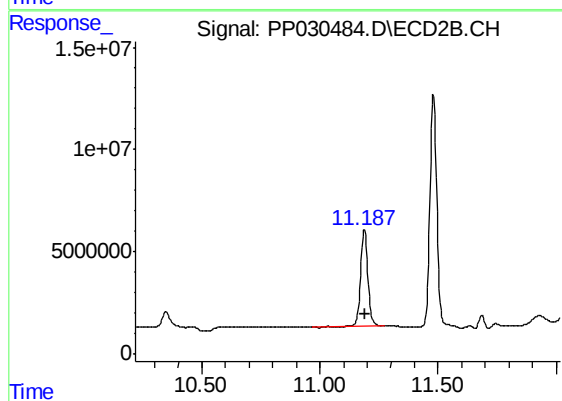
#3 4-Nitrophenol

R.T.: 10.347 min  
Delta R.T.: -0.004 min  
Response: 19803180  
Conc: 175.84 ng/ml



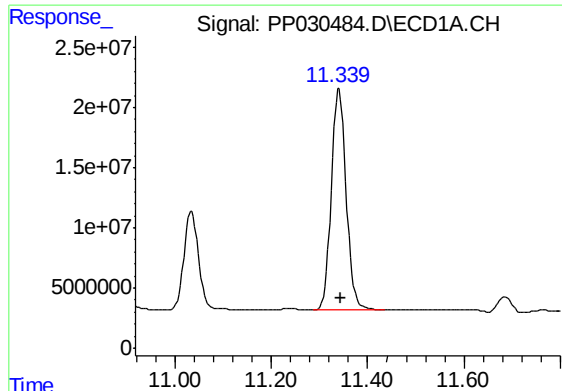
#4 2,4-DCAA

R.T.: 11.034 min  
Delta R.T.: -0.004 min  
Response: 175853790  
Conc: 486.37 ng/ml



#4 2,4-DCAA

R.T.: 11.188 min  
Delta R.T.: -0.005 min  
Response: 101169842  
Conc: 460.37 ng/ml



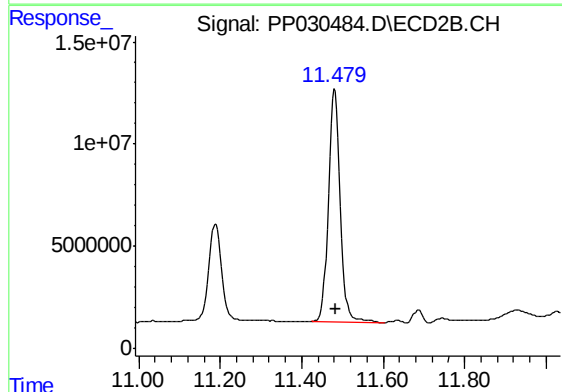
#5 DICAMBA

R.T.: 11.340 min  
Delta R.T.: -0.004 min  
Response: 395039636  
Conc: 267.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
10-10-BMSD

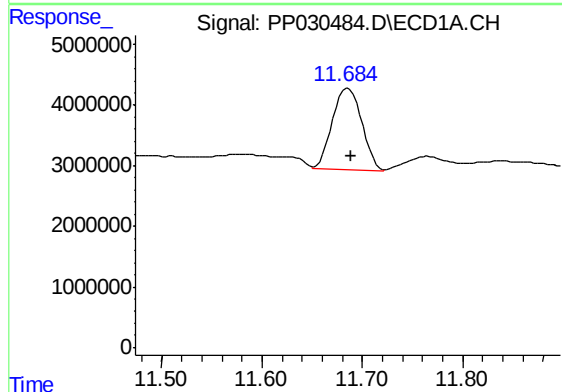
Manual Integrations  
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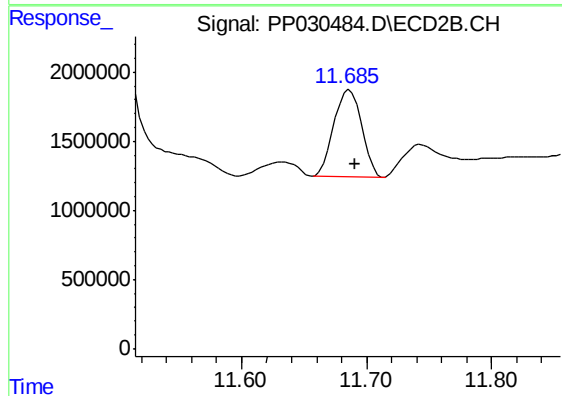
#5 DICAMBA

R.T.: 11.481 min  
Delta R.T.: -0.004 min  
Response: 232024501  
Conc: 271.05 ng/ml



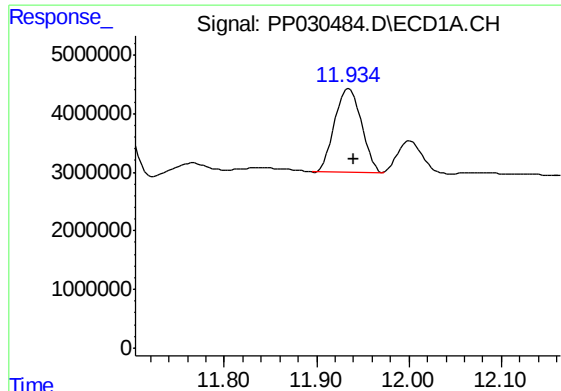
#6 MCPP

R.T.: 11.684 min  
Delta R.T.: -0.005 min  
Response: 27106865  
Conc: 29.75 ug/ml m



#6 MCPP

R.T.: 11.686 min  
Delta R.T.: -0.005 min  
Response: 9802490  
Conc: 23.03 ug/ml



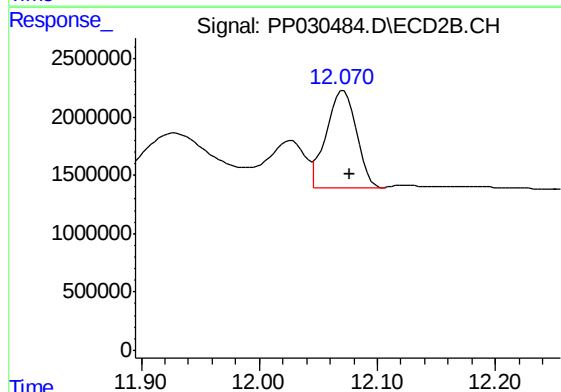
#7 MCPA

R.T.: 11.935 min  
Delta R.T.: -0.005 min  
Response: 29086419  
Conc: 23.05 ug/ml

Instrument :  
ECD\_P  
ClientSampleId :  
10-10-BMSD

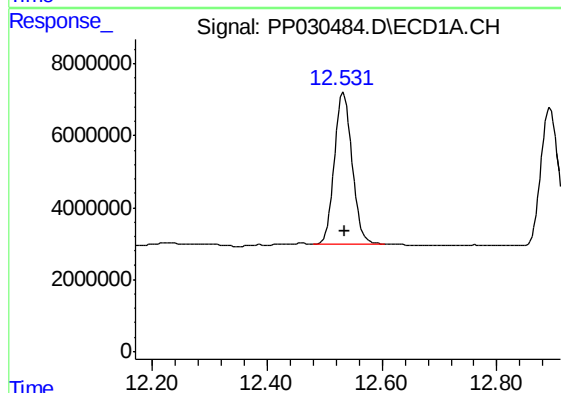
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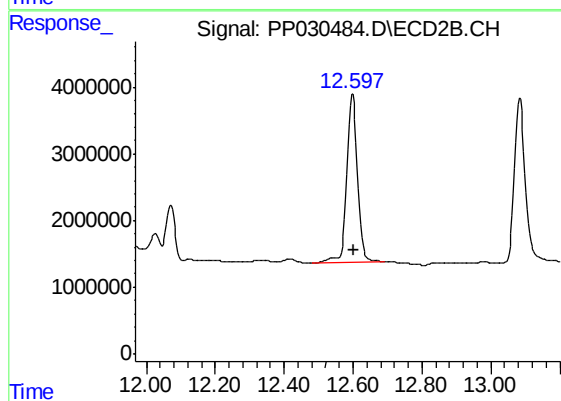
#7 MCPA

R.T.: 12.071 min  
Delta R.T.: -0.006 min  
Response: 15126708  
Conc: 20.63 ug/ml



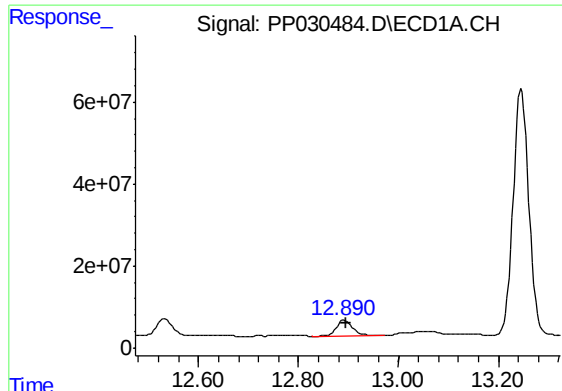
#8 DICHLORPROP

R.T.: 12.531 min  
Delta R.T.: -0.005 min  
Response: 90199764  
Conc: 252.09 ng/ml m



#8 DICHLORPROP

R.T.: 12.598 min  
Delta R.T.: -0.004 min  
Response: 54030484  
Conc: 259.93 ng/ml



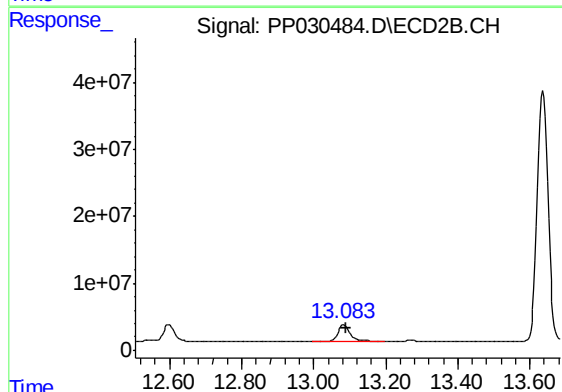
#9 2,4-D

R.T.: 12.892 min  
Delta R.T.: -0.002 min  
Response: 89707804  
Conc: 225.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
10-10-BMSD

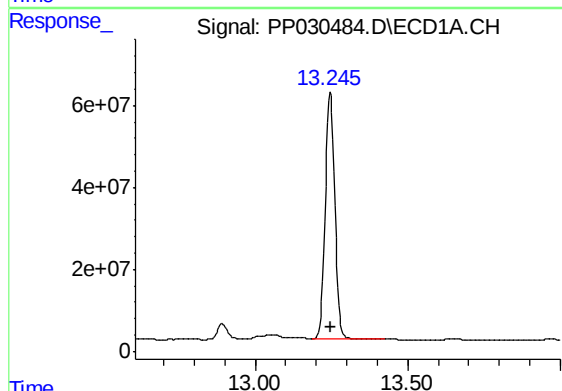
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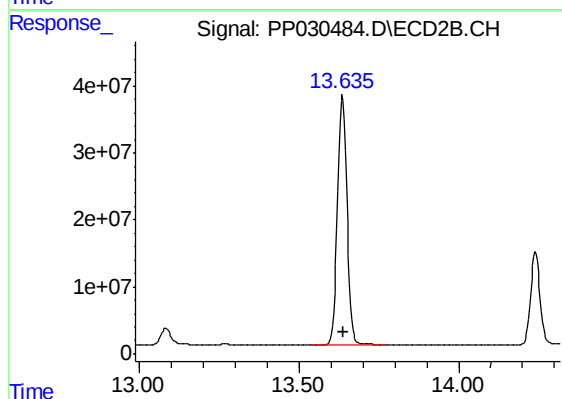
#9 2,4-D

R.T.: 13.084 min  
Delta R.T.: -0.004 min  
Response: 53430261  
Conc: 230.07 ng/ml



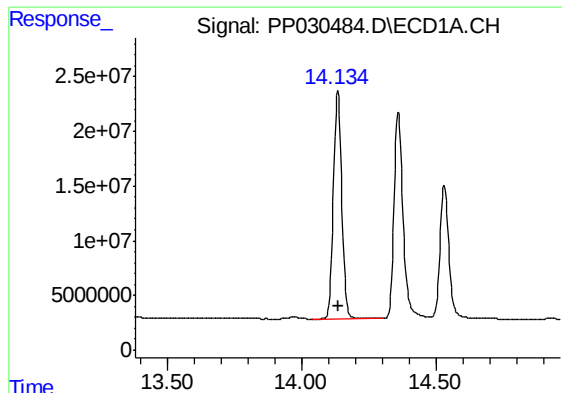
#10 Pentachlorophenol

R.T.: 13.246 min  
Delta R.T.: -0.003 min  
Response: 1320875569  
Conc: 231.84 ng/ml



#10 Pentachlorophenol

R.T.: 13.637 min  
Delta R.T.: -0.003 min  
Response: 772269983  
Conc: 231.08 ng/ml



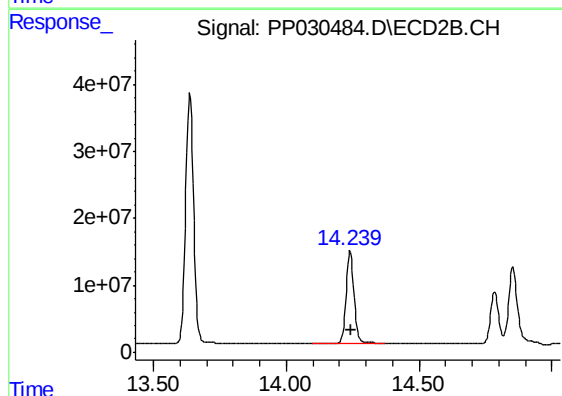
#11 2,4,5-TP (SILVEX)

R.T.: 14.135 min  
Delta R.T.: -0.001 min  
Response: 453498893  
Conc: 227.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
10-10-BMSD

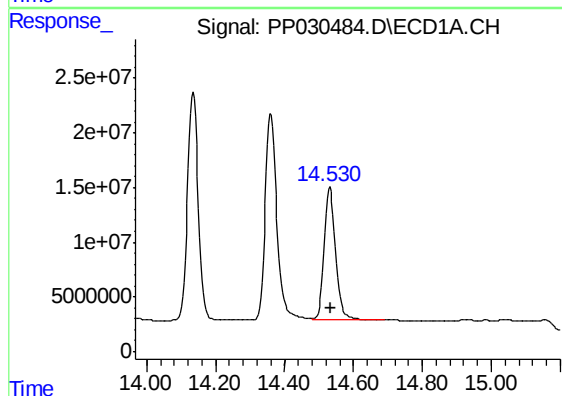
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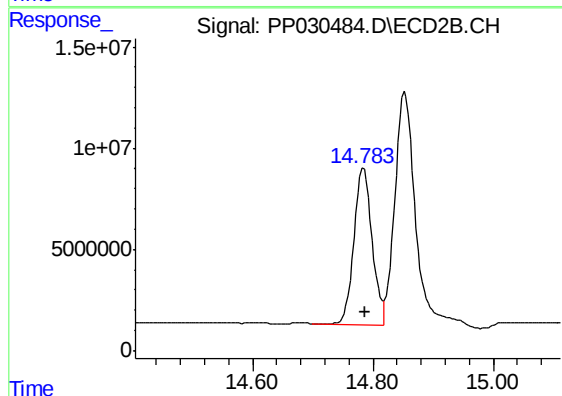
#11 2,4,5-TP (SILVEX)

R.T.: 14.241 min  
Delta R.T.: -0.003 min  
Response: 281883117  
Conc: 229.30 ng/ml



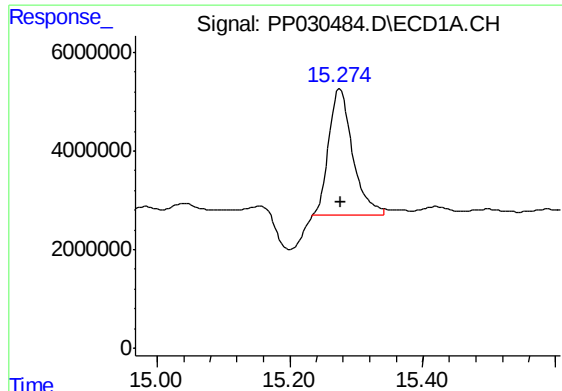
#12 2,4,5-T

R.T.: 14.531 min  
Delta R.T.: -0.002 min  
Response: 281994710  
Conc: 145.28 ng/ml



#12 2,4,5-T

R.T.: 14.784 min  
Delta R.T.: -0.003 min  
Response: 162261767  
Conc: 154.53 ng/ml



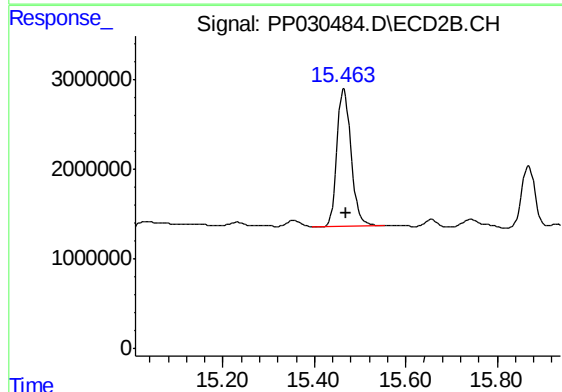
#13 2,4-DB

R.T.: 15.274 min  
Delta R.T.: -0.003 min  
Response: 64221926  
Conc: 252.29 ng/ml m

Instrument :  
ECD\_P  
ClientSampleId :  
10-10-BMSD

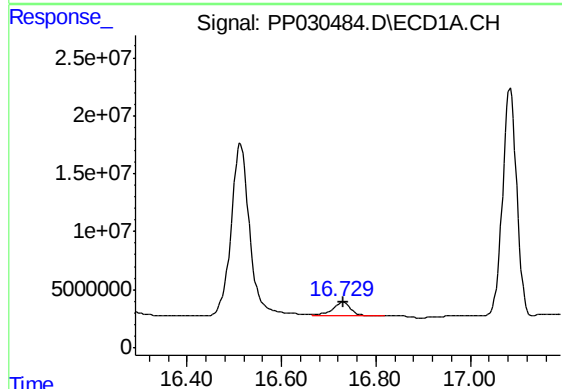
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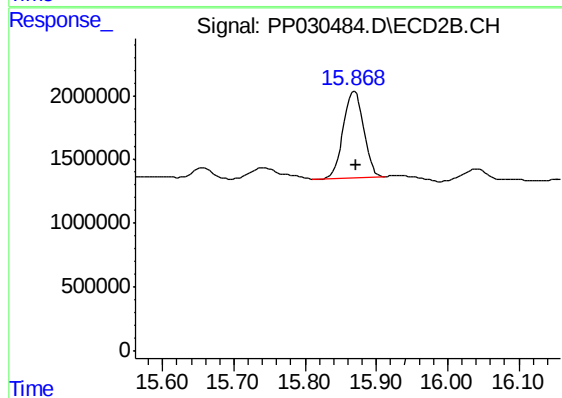
#13 2,4-DB

R.T.: 15.465 min  
Delta R.T.: -0.005 min  
Response: 32905409  
Conc: 231.44 ng/ml



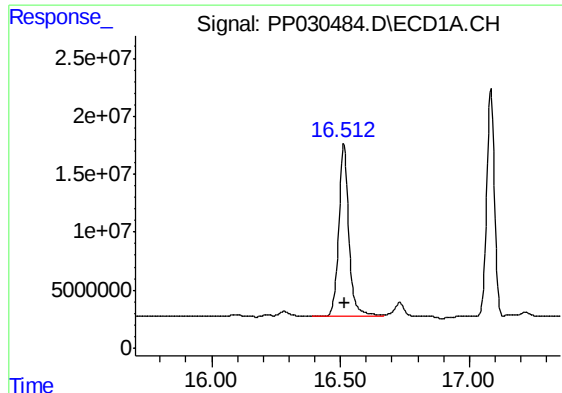
#14 DINOSEB

R.T.: 16.731 min  
Delta R.T.: -0.002 min  
Response: 29280362  
Conc: 26.51 ng/ml



#14 DINOSEB

R.T.: 15.869 min  
Delta R.T.: -0.002 min  
Response: 13359780  
Conc: 20.95 ng/ml



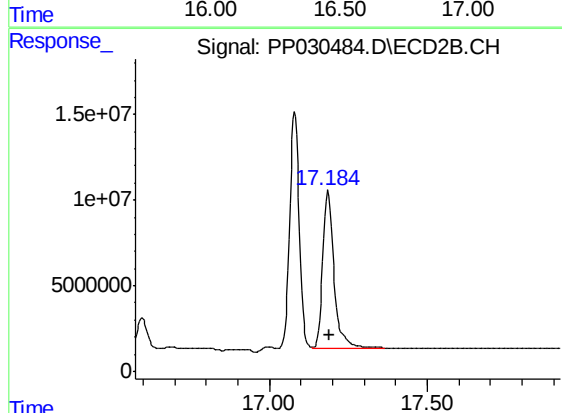
#15 Picloram

R.T.: 16.513 min  
Delta R.T.: -0.002 min  
Response: 402318836  
Conc: 175.80 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
10-10-BMSD

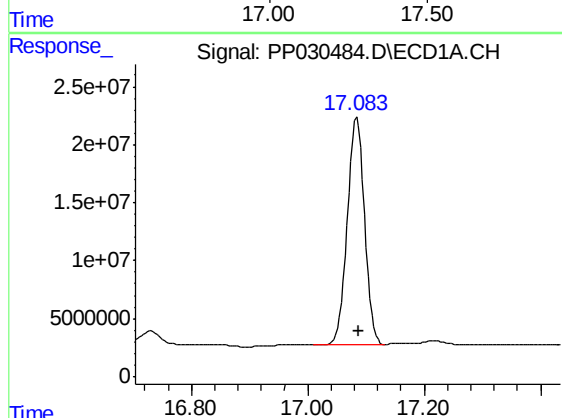
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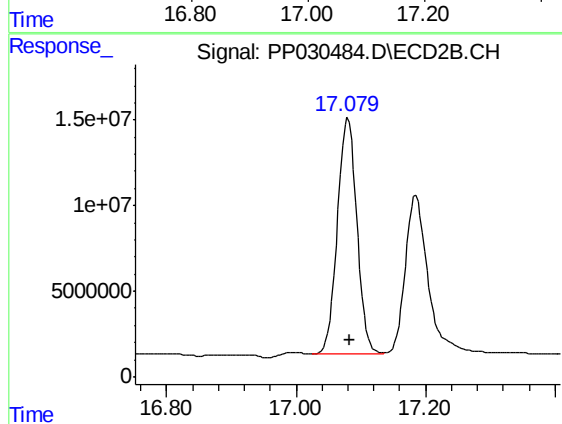
#15 Picloram

R.T.: 17.185 min  
Delta R.T.: -0.004 min  
Response: 226040994  
Conc: 161.18 ng/ml



#16 DCPA

R.T.: 17.083 min  
Delta R.T.: -0.004 min  
Response: 406308755  
Conc: 154.49 ng/ml m



#16 DCPA

R.T.: 17.080 min  
Delta R.T.: -0.003 min  
Response: 286331642  
Conc: 178.95 ng/ml