

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS040119\  
 Data File : PS003887.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Apr 2019 15:50  
 Operator : EI\SJ  
 Sample : MDL-Herb-W-04  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleID :  
 MDL-Herb-W-04

Manual Integrations  
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 4/11/2019 3:41:42 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 02 05:19:37 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS032619.M  
 Quant Title : 8080.M  
 QLast Update : Wed Mar 27 05:52:44 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2  
 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     | 11.291  | 10.786 | 165.1E6  | 180.7E6  | 378.373  | 368.280m |
| Target Compounds            |              |         |        |          |          |          |          |
| 1) T                        | Dalapon      | 2.852   | 2.325  | 35175959 | 34362057 | 47.182m  | 47.095m  |
| 2) T                        | 3,5-DICHL... | 9.757   | 8.972  | 32134799 | 35197094 | 46.751m  | 55.180   |
| 3) T                        | 4-Nitroph... | 10.930  | 10.062 | 3150220  | 7567765  | 14.540m  | 33.333m# |
| 5) T                        | DICAMBA      | 11.588  | 11.063 | 96168320 | 88699064 | 46.878m  | 47.694   |
| 6) T                        | MCP          | 11.919  | 11.284 | 3443826  | 3049318  | 2.476m   | 2.583    |
| 7) T                        | MCPA         | 12.172  | 11.659 | 6411780  | 6020478  | 3.039    | 3.376    |
| 8) T                        | DICHLORPROP  | 12.795  | 12.196 | 21971955 | 24584709 | 44.984   | 52.810   |
| 9) T                        | 2,4-D        | 13.267f | 12.707 | 24270436 | 17437818 | 49.911m  | 32.784 # |
| 10) T                       | Pentachlo... | 13.503  | 13.191 | 358.8E6  | 344.0E6  | 46.582   | 49.703   |
| 11) T                       | 2,4,5-TP ... | 14.395  | 13.827 | 121.8E6  | 129.5E6  | 42.455   | 48.894   |
| 12) T                       | 2,4,5-T      | 14.850  | 14.422 | 110.7E6  | 101.7E6  | 38.978m  | 46.799m  |
| 13) T                       | 2,4-DB       | 15.711f | 15.081 | 30272821 | 11194784 | 100.407m | 37.699 # |
| 14) T                       | DINSEB       | 16.987  | 15.455 | 157.5E6  | 94895700 | 65.848   | 49.458   |
| 15) T                       | Picloram     | 16.906  | 16.738 | 37324256 | 85665321 | 10.987m  | 27.013m# |
| 16) T                       | DCPA         | 17.332  | 16.627 | 176.0E6  | 164.9E6  | 48.870   | 48.792   |
| -----                       |              |         |        |          |          |          |          |

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

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Acq On : 01 Apr 2019 15:50  
Operator : EI\SJ  
Sample : MDL-Herb-W-04  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

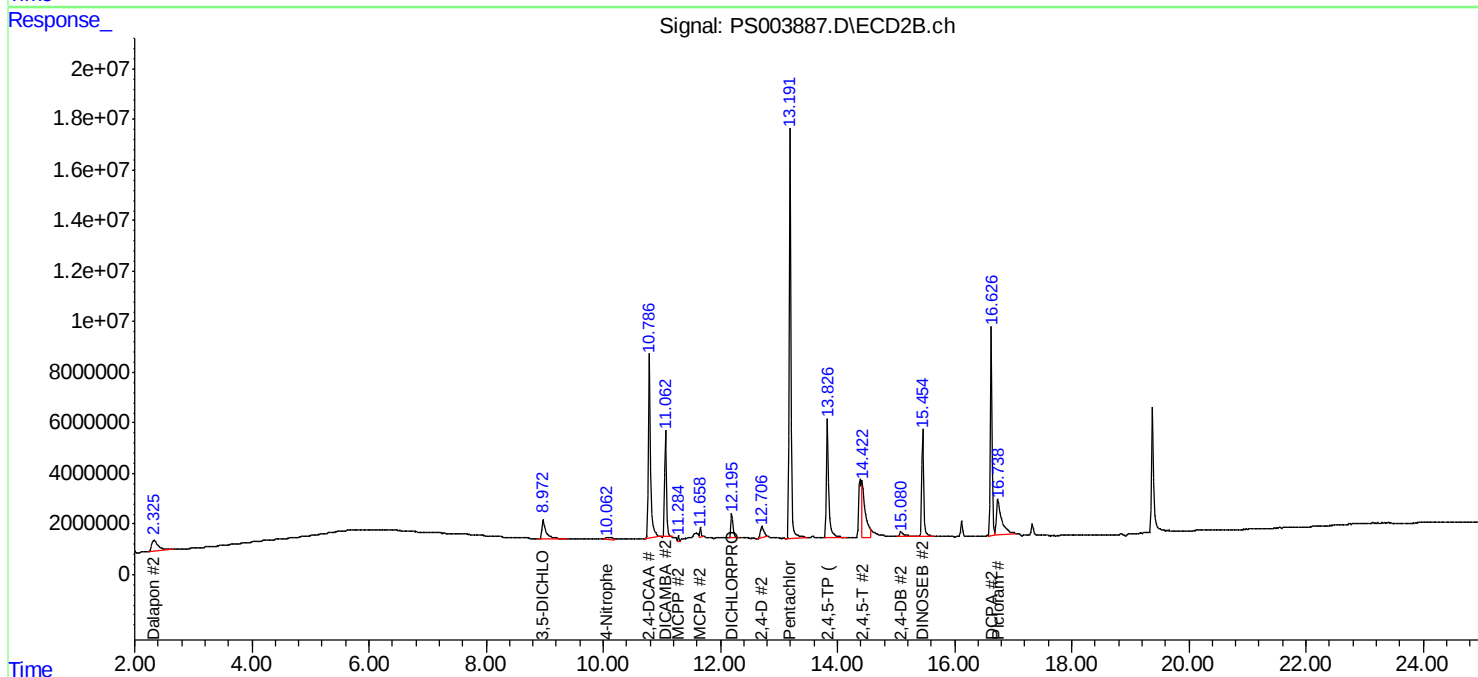
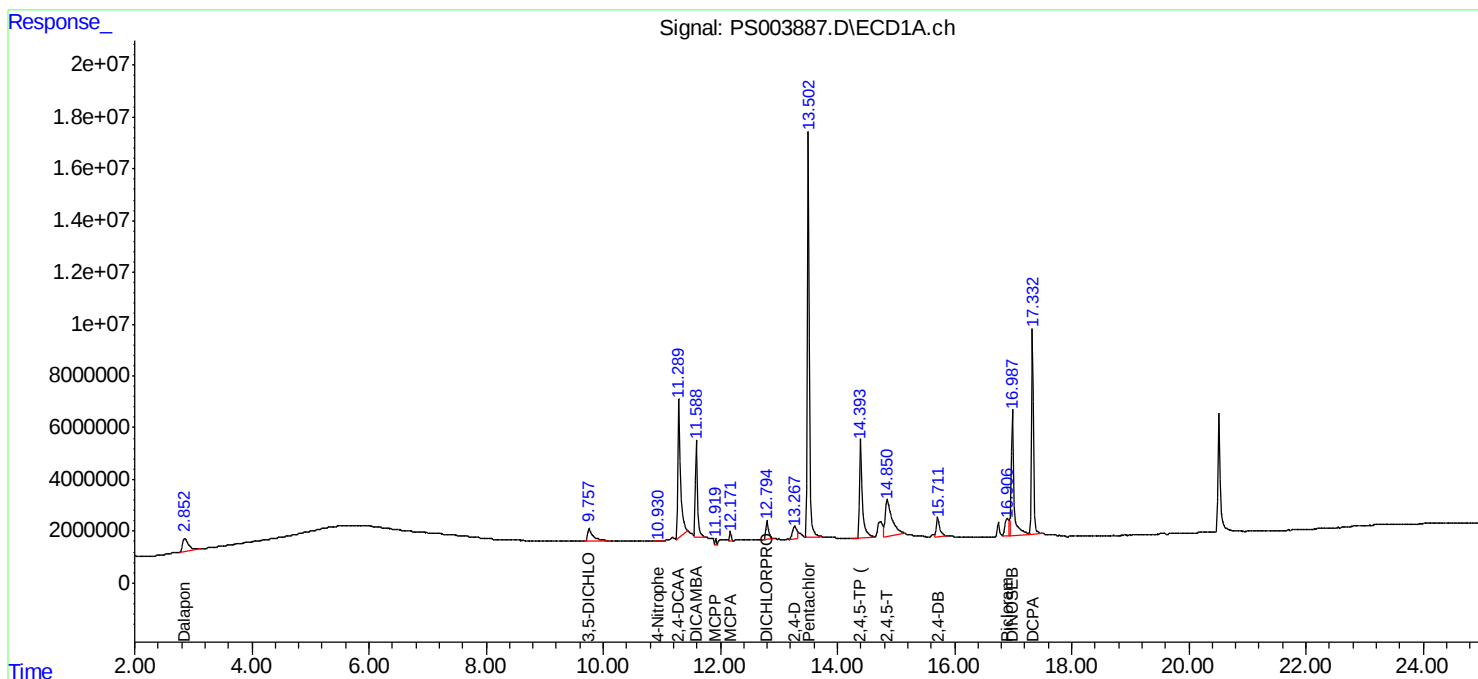
Instrument :  
ECD\_S  
ClientSampled :  
MDL-Herb-W-04

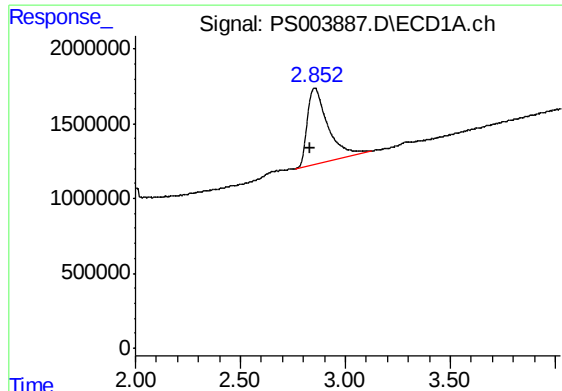
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS032619.M  
Quant Title : 8080.M  
QLast Update : Wed Mar 27 05:52:44 2019  
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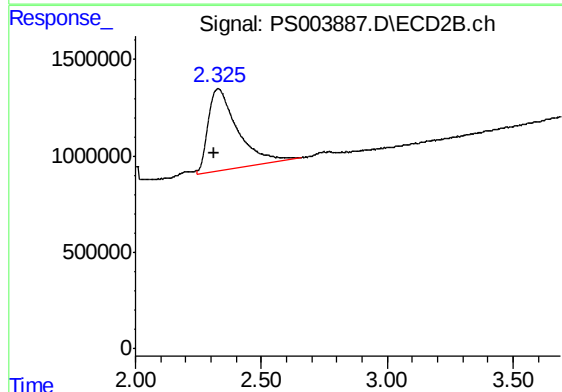
#1 Dalapon

R.T.: 2.852 min  
Delta R.T.: 0.017 min  
Response: 35175959  
Conc: 47.18 ng/ml m

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-Herb-W-04

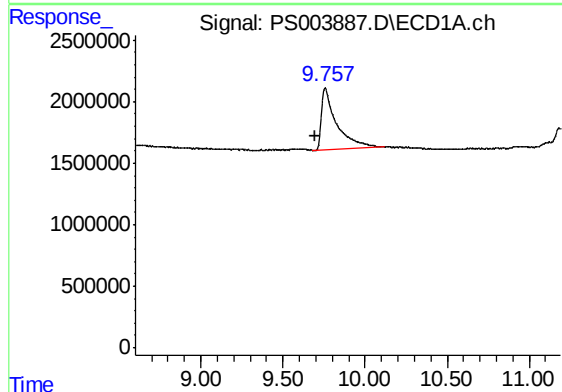
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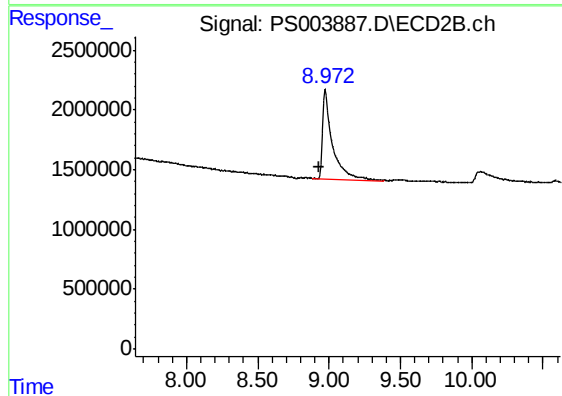
#1 Dalapon

R.T.: 2.325 min  
Delta R.T.: 0.015 min  
Response: 34362057  
Conc: 47.10 ng/ml m



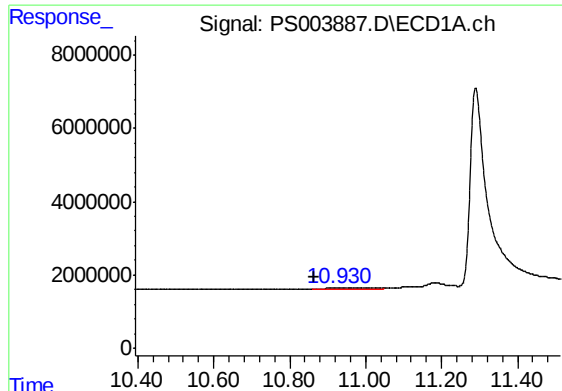
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.757 min  
Delta R.T.: 0.063 min  
Response: 32134799  
Conc: 46.75 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 8.972 min  
Delta R.T.: 0.041 min  
Response: 35197094  
Conc: 55.18 ng/ml



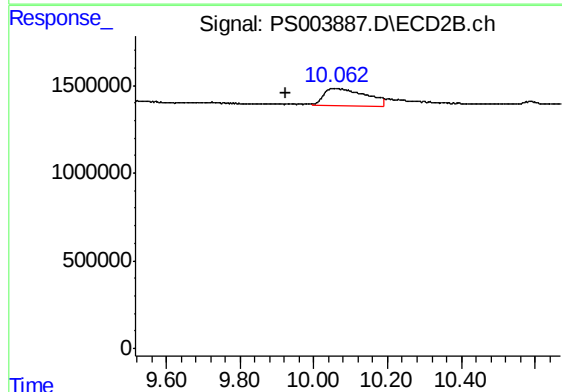
#3 4-Nitrophenol

R.T.: 10.930 min  
Delta R.T.: 0.066 min  
Response: 3150220  
Conc: 14.54 ng/ml m

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-Herb-W-04

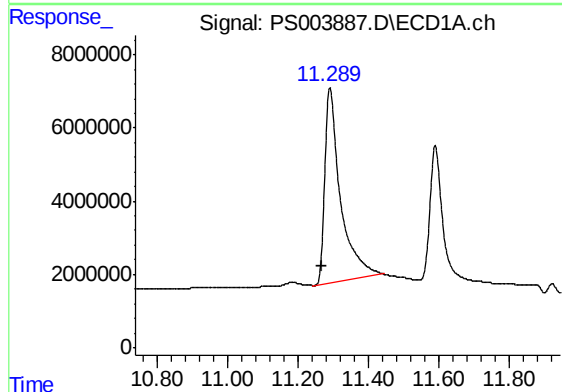
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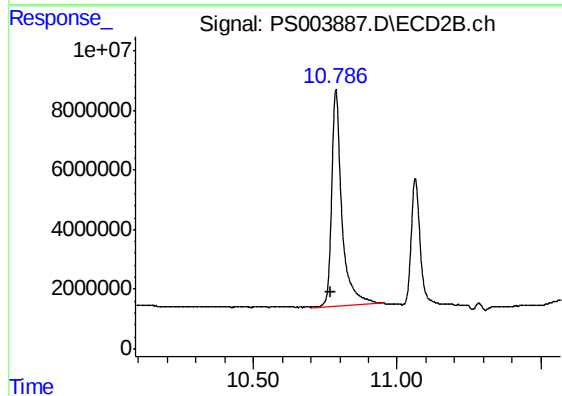
#3 4-Nitrophenol

R.T.: 10.062 min  
Delta R.T.: 0.138 min  
Response: 7567765  
Conc: 33.33 ng/ml m



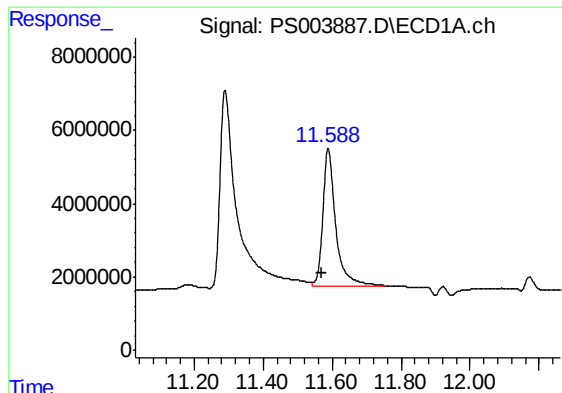
#4 2,4-DCAA

R.T.: 11.291 min  
Delta R.T.: 0.024 min  
Response: 165051163  
Conc: 378.37 ng/ml



#4 2,4-DCAA

R.T.: 10.786 min  
Delta R.T.: 0.018 min  
Response: 180699751  
Conc: 368.28 ng/ml m



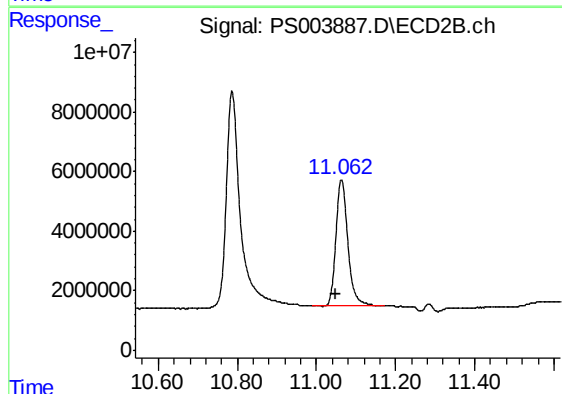
#5 DICAMBA

R.T.: 11.588 min  
Delta R.T.: 0.019 min  
Response: 96168320  
Conc: 46.88 ng/ml m

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-Herb-W-04

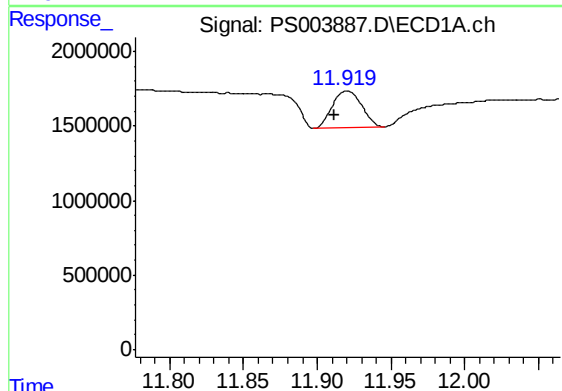
Manual Integrations  
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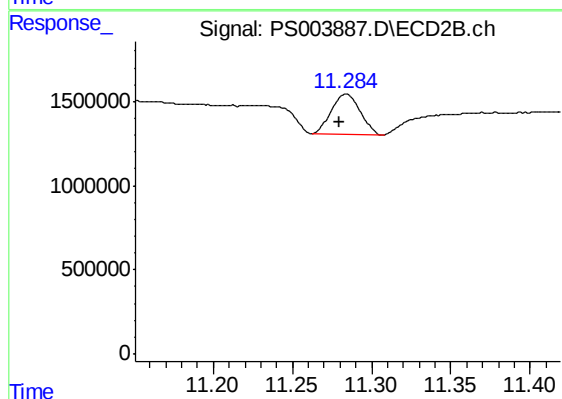
#5 DICAMBA

R.T.: 11.063 min  
Delta R.T.: 0.016 min  
Response: 88699064  
Conc: 47.69 ng/ml



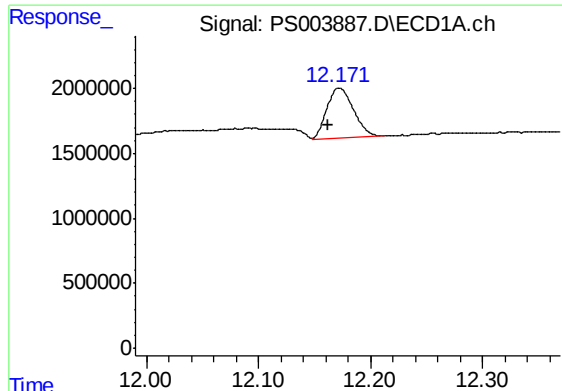
#6 MCPP

R.T.: 11.919 min  
Delta R.T.: 0.008 min  
Response: 3443826  
Conc: 2.48 ug/ml m



#6 MCPP

R.T.: 11.284 min  
Delta R.T.: 0.004 min  
Response: 3049318  
Conc: 2.58 ug/ml



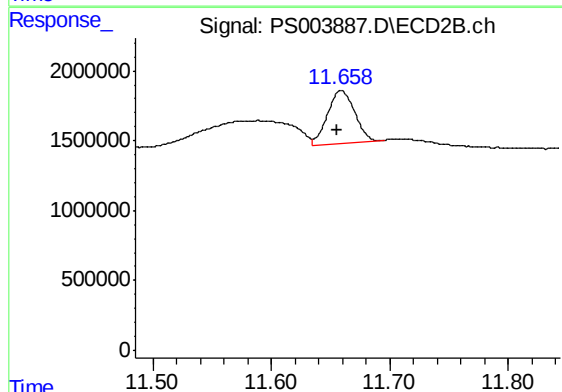
#7 MCPA

R.T.: 12.172 min  
Delta R.T.: 0.011 min  
Response: 6411780  
Conc: 3.04 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-Herb-W-04

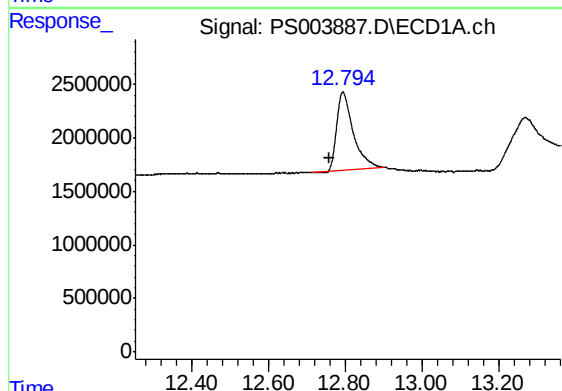
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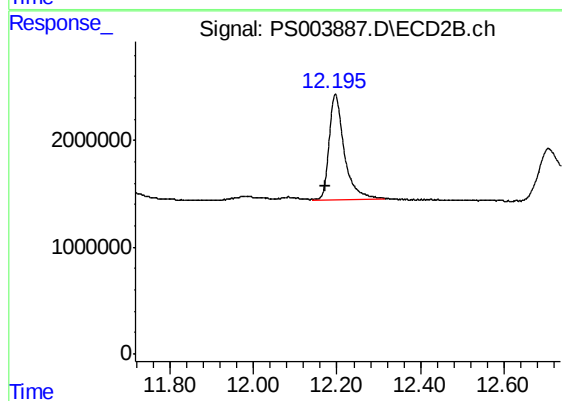
#7 MCPA

R.T.: 11.659 min  
Delta R.T.: 0.004 min  
Response: 6020478  
Conc: 3.38 ug/ml



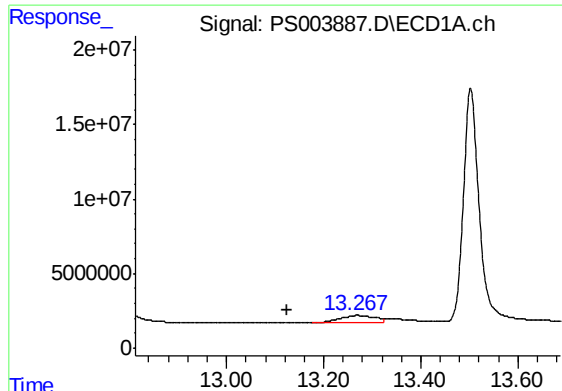
#8 DICHLORPROP

R.T.: 12.795 min  
Delta R.T.: 0.035 min  
Response: 21971955  
Conc: 44.98 ng/ml



#8 DICHLORPROP

R.T.: 12.196 min  
Delta R.T.: 0.023 min  
Response: 24584709  
Conc: 52.81 ng/ml



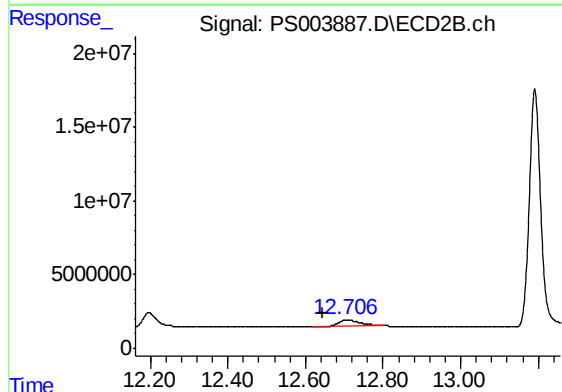
#9 2,4-D

R.T.: 13.267 min  
Delta R.T.: 0.143 min  
Response: 24270436  
Conc: 49.91 ng/ml m

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-Herb-W-04

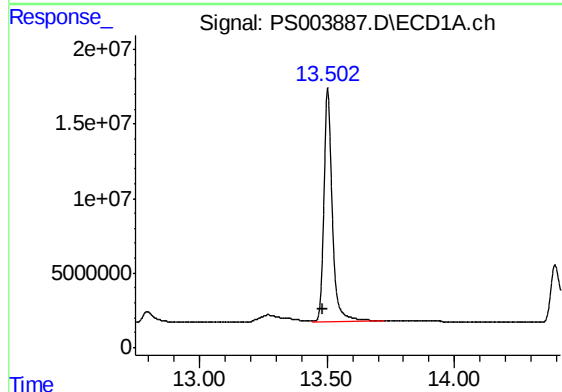
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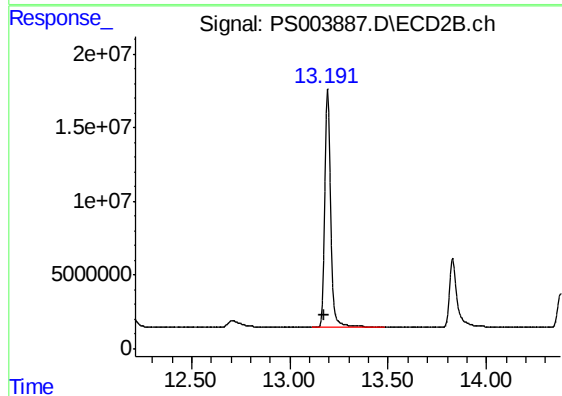
#9 2,4-D

R.T.: 12.707 min  
Delta R.T.: 0.061 min  
Response: 17437818  
Conc: 32.78 ng/ml



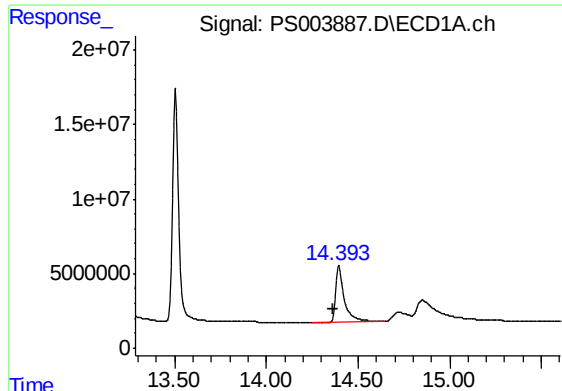
#10 Pentachlorophenol

R.T.: 13.503 min  
Delta R.T.: 0.018 min  
Response: 358834880  
Conc: 46.58 ng/ml



#10 Pentachlorophenol

R.T.: 13.191 min  
Delta R.T.: 0.015 min  
Response: 343960345  
Conc: 49.70 ng/ml



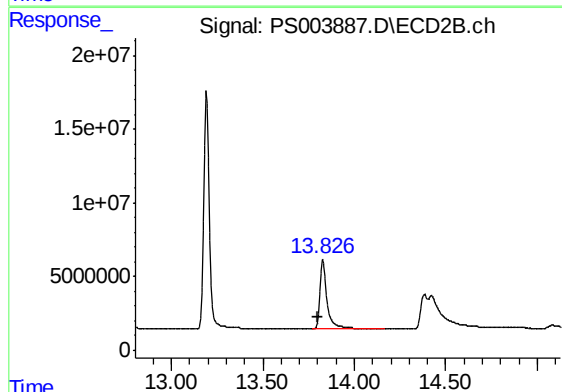
#11 2,4,5-TP (SILVEX)

R.T.: 14.395 min  
Delta R.T.: 0.033 min  
Response: 121787502  
Conc: 42.45 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-Herb-W-04

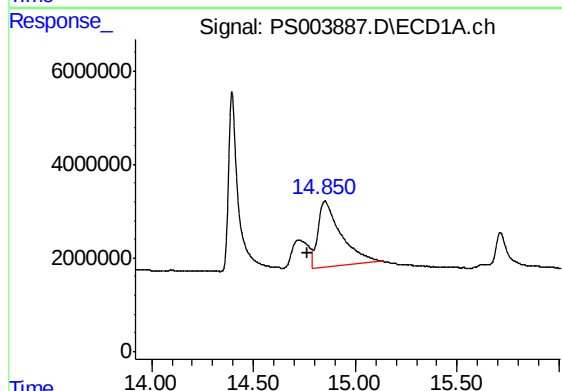
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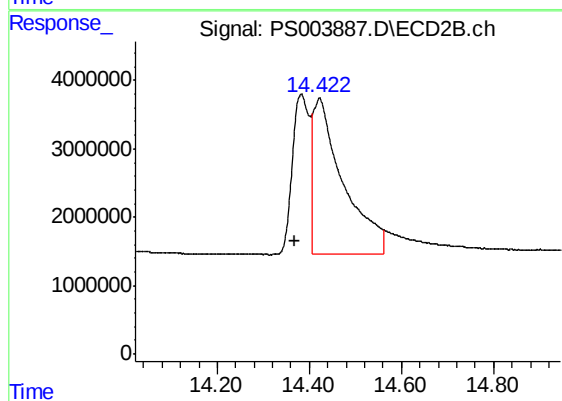
#11 2,4,5-TP (SILVEX)

R.T.: 13.827 min  
Delta R.T.: 0.024 min  
Response: 129489408  
Conc: 48.89 ng/ml



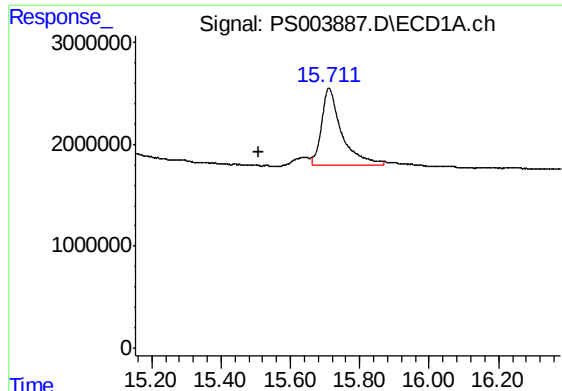
#12 2,4,5-T

R.T.: 14.850 min  
Delta R.T.: 0.087 min  
Response: 110713351  
Conc: 38.98 ng/ml m



#12 2,4,5-T

R.T.: 14.422 min  
Delta R.T.: 0.055 min  
Response: 101736111  
Conc: 46.80 ng/ml m



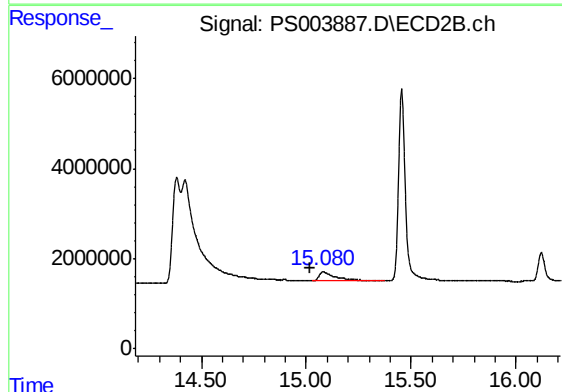
#13 2,4-DB

R.T.: 15.711 min  
Delta R.T.: 0.201 min  
Response: 30272821  
Conc: 100.41 ng/ml m

Instrument :  
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ClientSampleId :  
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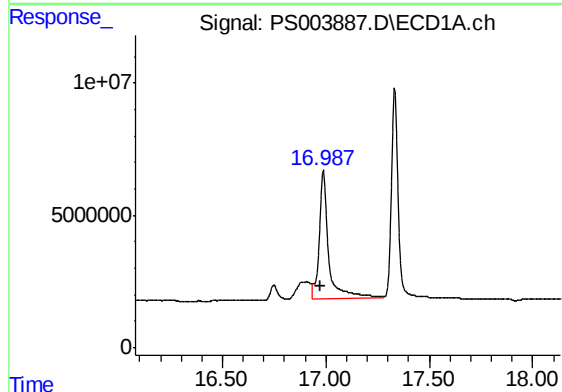
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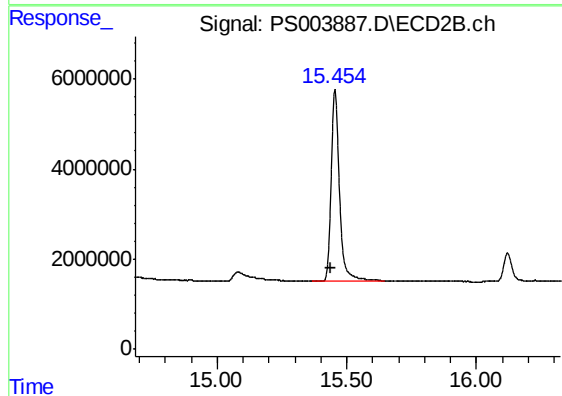
#13 2,4-DB

R.T.: 15.081 min  
Delta R.T.: 0.062 min  
Response: 11194784  
Conc: 37.70 ng/ml



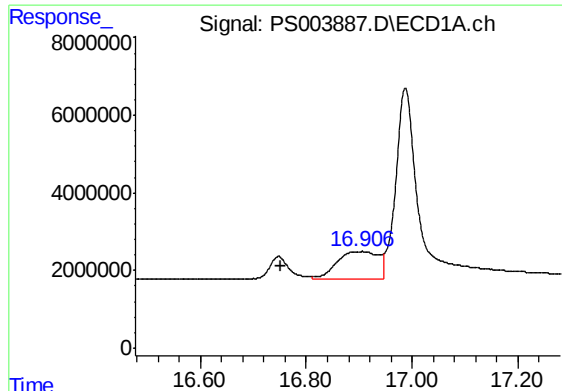
#14 DINOSEB

R.T.: 16.987 min  
Delta R.T.: 0.015 min  
Response: 157468130  
Conc: 65.85 ng/ml



#14 DINOSEB

R.T.: 15.455 min  
Delta R.T.: 0.015 min  
Response: 94895700  
Conc: 49.46 ng/ml



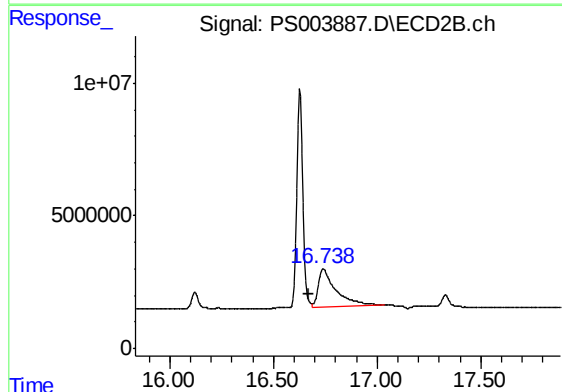
#15 Picloram

R.T.: 16.906 min  
Delta R.T.: 0.154 min  
Response: 37324256  
Conc: 10.99 ng/ml m

Instrument :  
ECD\_S  
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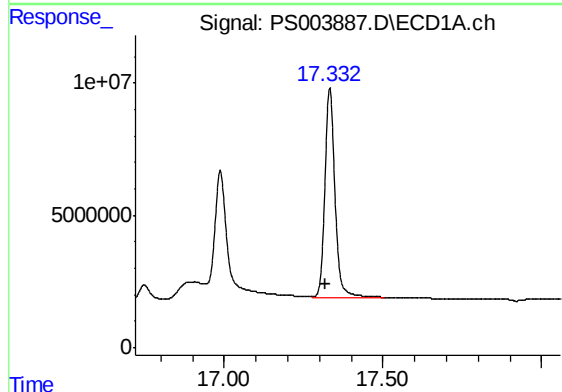
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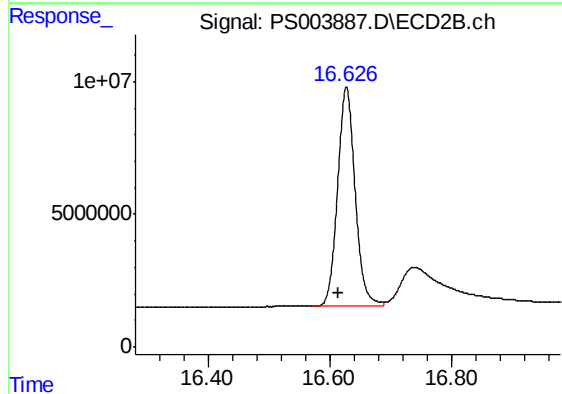
#15 Picloram

R.T.: 16.738 min  
Delta R.T.: 0.065 min  
Response: 85665321  
Conc: 27.01 ng/ml m



#16 DCPA

R.T.: 17.332 min  
Delta R.T.: 0.014 min  
Response: 175974596  
Conc: 48.87 ng/ml



#16 DCPA

R.T.: 16.627 min  
Delta R.T.: 0.013 min  
Response: 164919815  
Conc: 48.79 ng/ml