

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS040524\  
 Data File : PS026382.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Apr 2024 22:09  
 Operator : AR\AJ  
 Sample : P1996-04MSD  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 TP2MSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 04/08/2024  
 Supervised By : Ankita Jodhani 04/09/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 06 01:14:54 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS040224.M  
 Quant Title : 8080.M  
 QLast Update : Tue Apr 02 13:37:17 2024  
 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 x 0.5 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     | 7.161  | 7.666   | 972.0E6  | 254.1E6  | 312.769m | 273.734   |
| Target Compounds            |              |        |         |          |          |          |           |
| 1) T                        | Dalapon      | 2.621  | 2.659   | 1653.9E6 | 601.9E6  | 332.069  | 322.654   |
| 2) T                        | 3,5-DICHL... | 6.344  | 6.638   | 1321.5E6 | 311.4E6  | 291.998  | 220.850   |
| 3) T                        | 4-Nitroph... | 6.959  | 7.196   | 403.1E6  | 117.2E6  | 248.758m | 266.220m  |
| 5) T                        | DICAMBA      | 7.346  | 7.860   | 3418.8E6 | 1046.8E6 | 259.834  | 244.667   |
| 6) T                        | MCP          | 7.525  | 7.960f  | 171.7E6  | 90480545 | 18.423m  | 29.359 #  |
| 7) T                        | MCPA         | 7.673  | 8.200f  | 286.2E6  | 113.7E6  | 22.056   | 27.354    |
| 8) T                        | DICHLORPROP  | 8.049  | 8.566   | 782.4E6  | 233.2E6  | 230.321  | 217.953   |
| 9) T                        | 2,4-D        | 8.279  | 8.888   | 1391.2E6 | 293.8E6  | 404.543  | 295.486 # |
| 10) T                       | Pentachlo... | 8.572  | 9.404   | 6581.3E6 | 1981.0E6 | 141.884  | 125.307   |
| 11) T                       | 2,4,5-TP ... | 9.148  | 9.781   | 3700.0E6 | 1134.9E6 | 198.615  | 190.108   |
| 12) T                       | 2,4,5-T      | 9.438  | 10.192  | 4071.2E6 | 1126.2E6 | 224.343  | 212.106   |
| 13) T                       | 2,4-DB       | 10.018 | 10.763  | 485.3E6  | 236.0E6  | 201.190m | 393.549 # |
| 15) T                       | Picloram     | 11.014 | 12.199f | 6252.1E6 | 1420.9E6 | 274.497  | 236.086   |
| 16) T                       | DCPA         | 11.501 | 12.161f | 6503.4E6 | 2071.4E6 | 274.712  | 294.441m  |
| -----                       |              |        |         |          |          |          |           |

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

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Acq On : 05 Apr 2024 22:09  
Operator : AR\AJ  
Sample : P1996-04MSD  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

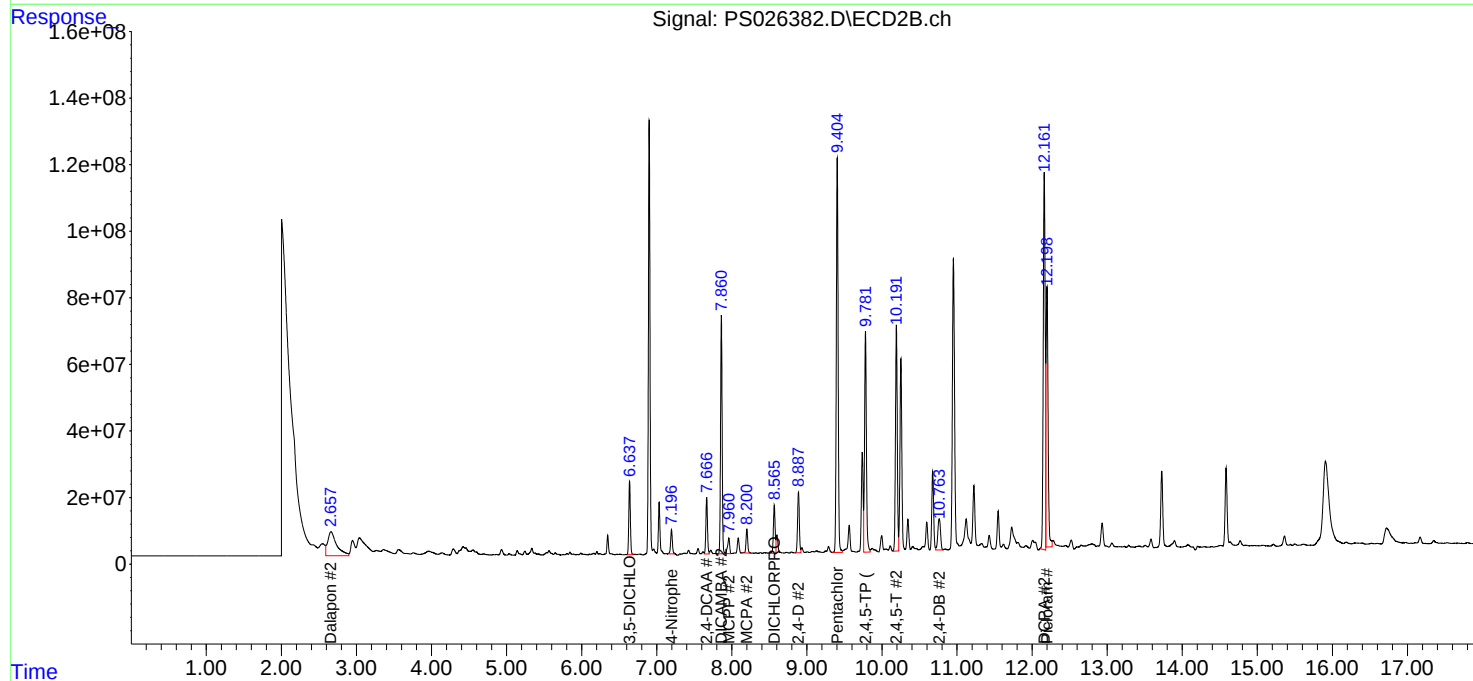
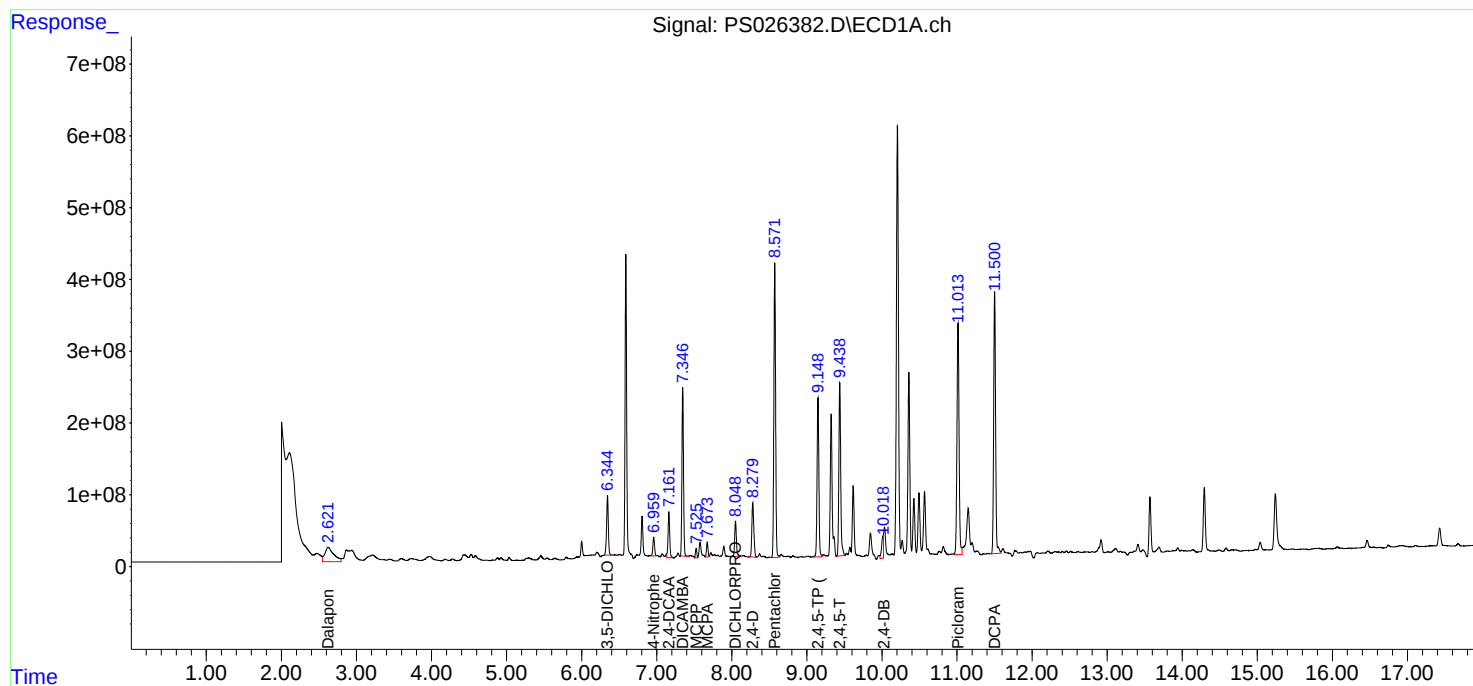
Instrument :  
ECD\_S  
ClientSampleId :  
TP2MSD

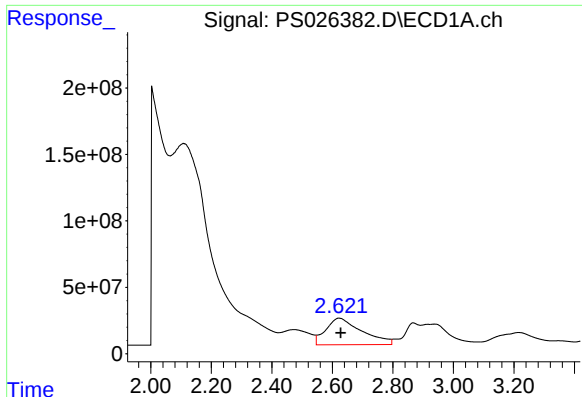
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 06 01:14:54 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS040224.M  
Quant Title : 8080.M  
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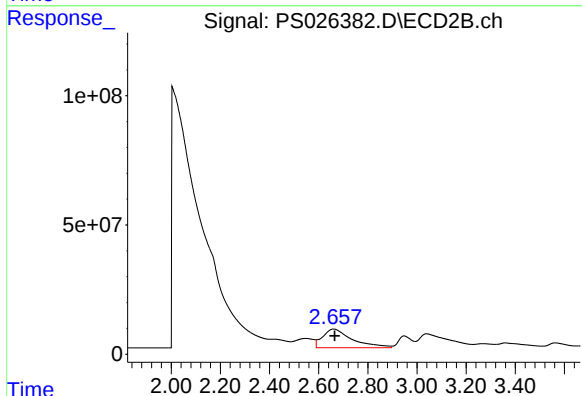
#1 Dalapon

R.T.: 2.621 min  
Delta R.T.: -0.007 min  
Response: 1653889155  
Conc: 332.07 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP2MSD

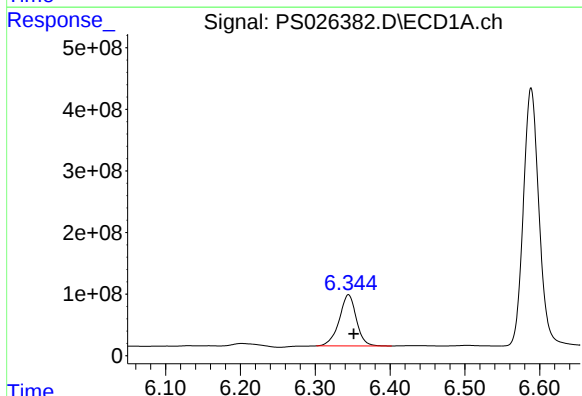
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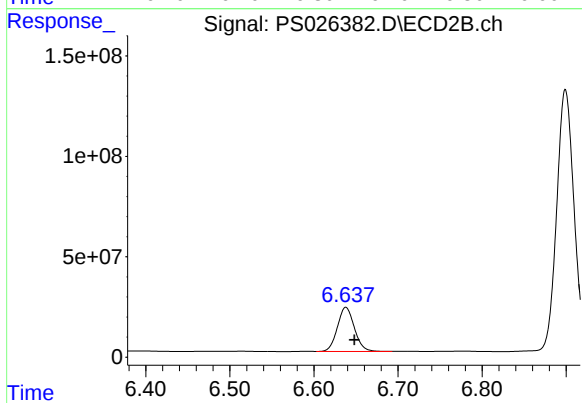
#1 Dalapon

R.T.: 2.659 min  
Delta R.T.: -0.007 min  
Response: 601869165  
Conc: 322.65 ng/ml



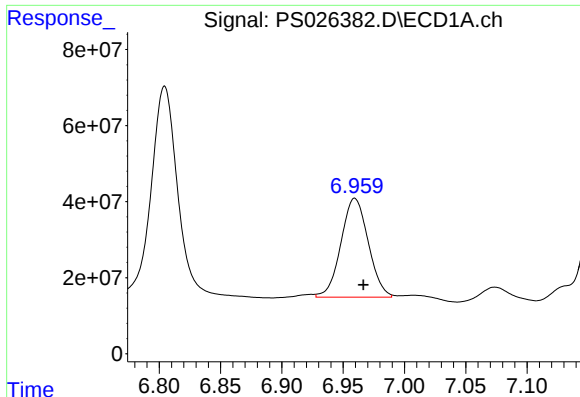
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.344 min  
Delta R.T.: -0.007 min  
Response: 1321487357  
Conc: 292.00 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.638 min  
Delta R.T.: -0.010 min  
Response: 311422579  
Conc: 220.85 ng/ml



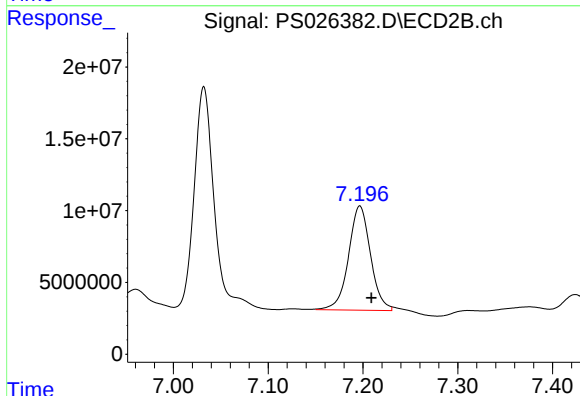
#3 4-Nitrophenol

R.T.: 6.959 min  
Delta R.T.: -0.008 min  
Response: 403103628  
Conc: 248.76 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP2MSD

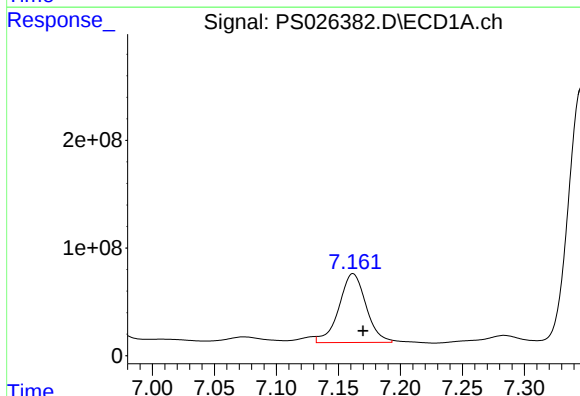
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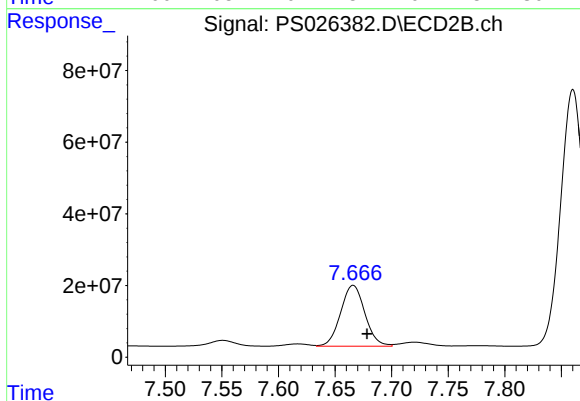
#3 4-Nitrophenol

R.T.: 7.196 min  
Delta R.T.: -0.012 min  
Response: 117247851  
Conc: 266.22 ng/ml m



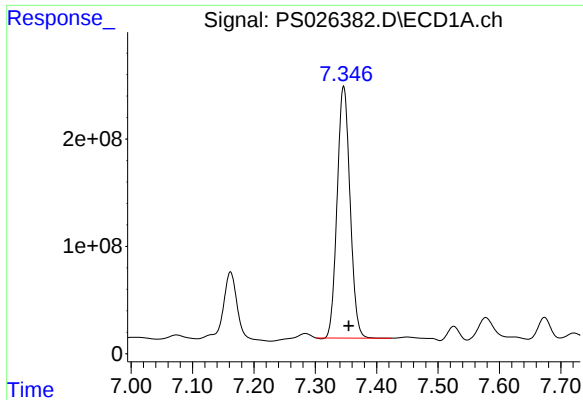
#4 2,4-DCAA

R.T.: 7.161 min  
Delta R.T.: -0.009 min  
Response: 972023509  
Conc: 312.77 ng/ml m



#4 2,4-DCAA

R.T.: 7.666 min  
Delta R.T.: -0.012 min  
Response: 254052678  
Conc: 273.73 ng/ml



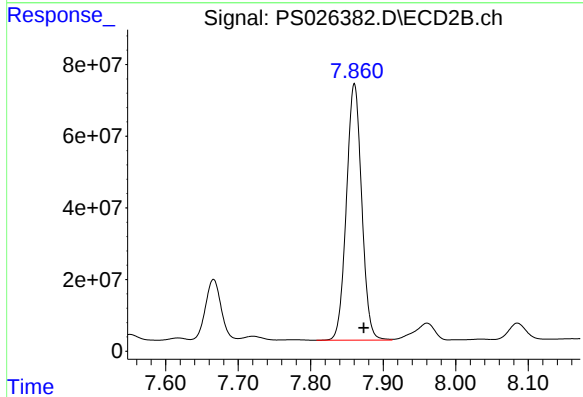
#5 DICAMBA

R.T.: 7.346 min  
Delta R.T.: -0.008 min  
Response: 3418765513  
Conc: 259.83 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP2MSD

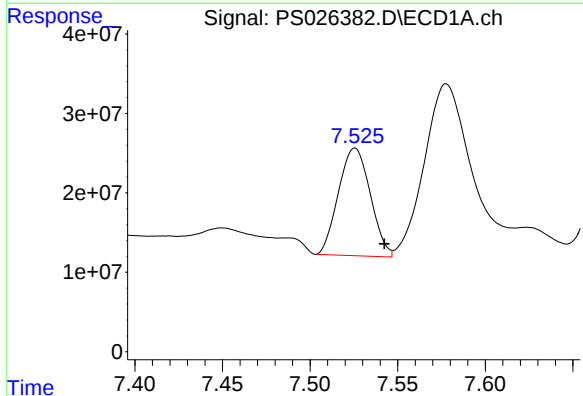
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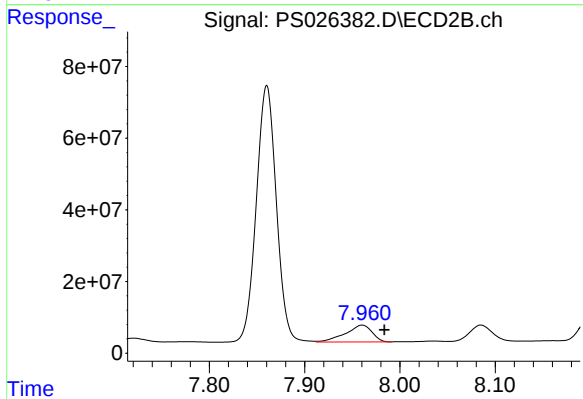
#5 DICAMBA

R.T.: 7.860 min  
Delta R.T.: -0.013 min  
Response: 1046750422  
Conc: 244.67 ng/ml



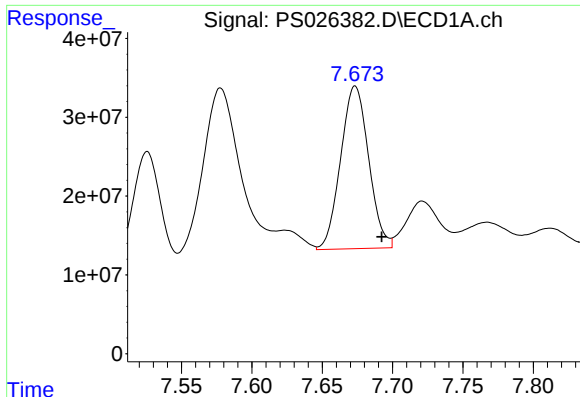
#6 MCP

R.T.: 7.525 min  
Delta R.T.: -0.017 min  
Response: 171726975  
Conc: 18.42 ug/ml m



#6 MCP

R.T.: 7.960 min  
Delta R.T.: -0.023 min  
Response: 90480545  
Conc: 29.36 ug/ml



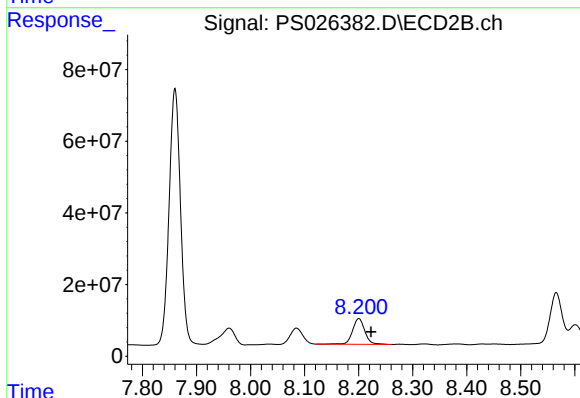
#7 MCPA

R.T.: 7.673 min  
Delta R.T.: -0.019 min  
Response: 286153310  
Conc: 22.06 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP2MSD

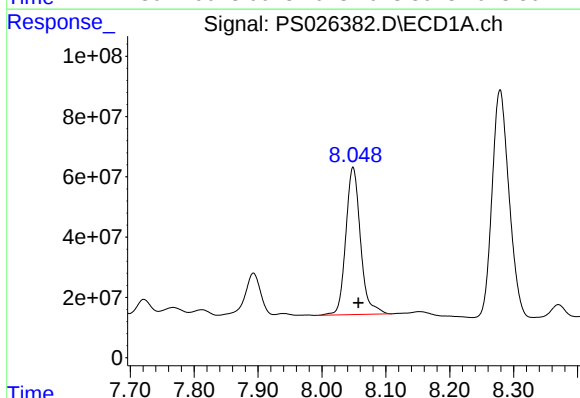
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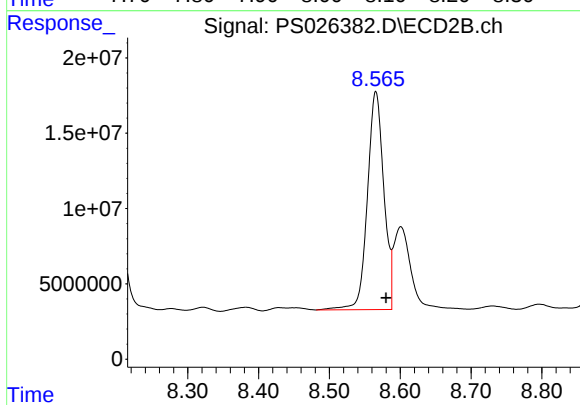
#7 MCPA

R.T.: 8.200 min  
Delta R.T.: -0.023 min  
Response: 113736434  
Conc: 27.35 ug/ml



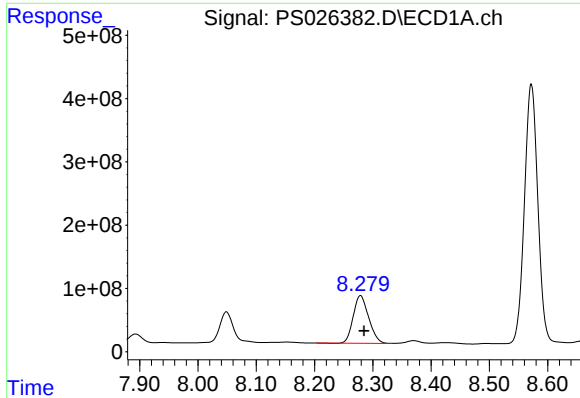
#8 DICHLORPROP

R.T.: 8.049 min  
Delta R.T.: -0.009 min  
Response: 782435616  
Conc: 230.32 ng/ml



#8 DICHLORPROP

R.T.: 8.566 min  
Delta R.T.: -0.014 min  
Response: 233247848  
Conc: 217.95 ng/ml



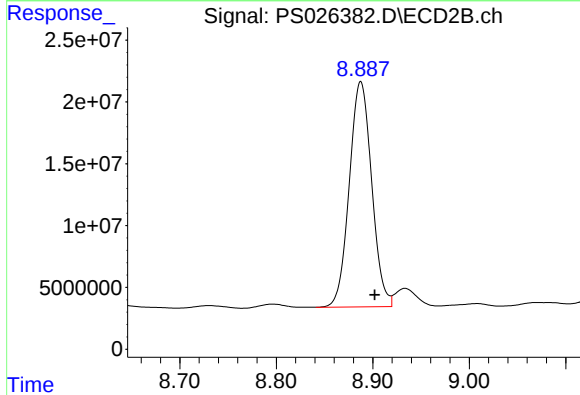
#9 2,4-D

R.T.: 8.279 min  
Delta R.T.: -0.006 min  
Response: 1391236622  
Conc: 404.54 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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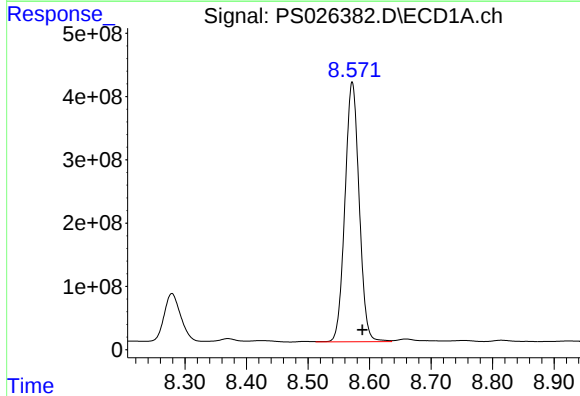
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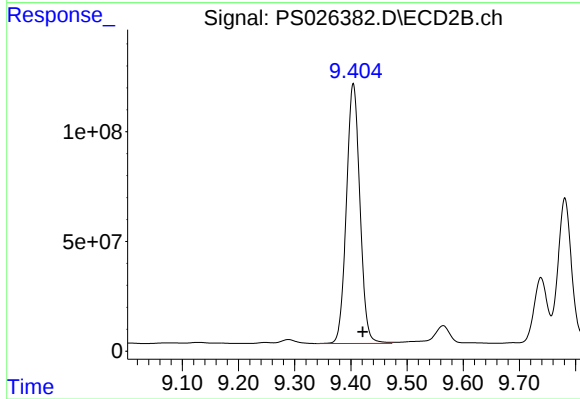
#9 2,4-D

R.T.: 8.888 min  
Delta R.T.: -0.015 min  
Response: 293812471  
Conc: 295.49 ng/ml



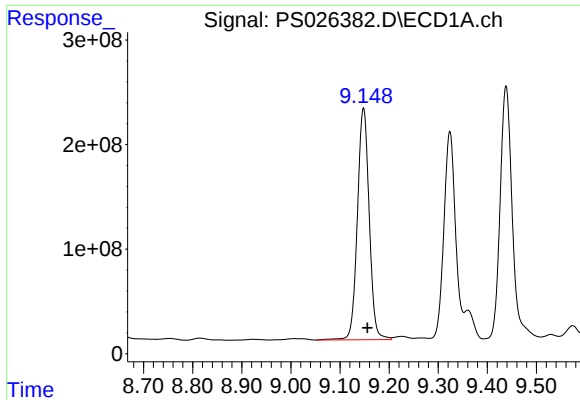
#10 Pentachlorophenol

R.T.: 8.572 min  
Delta R.T.: -0.017 min  
Response: 6581278390  
Conc: 141.88 ng/ml



#10 Pentachlorophenol

R.T.: 9.404 min  
Delta R.T.: -0.017 min  
Response: 1981043662  
Conc: 125.31 ng/ml



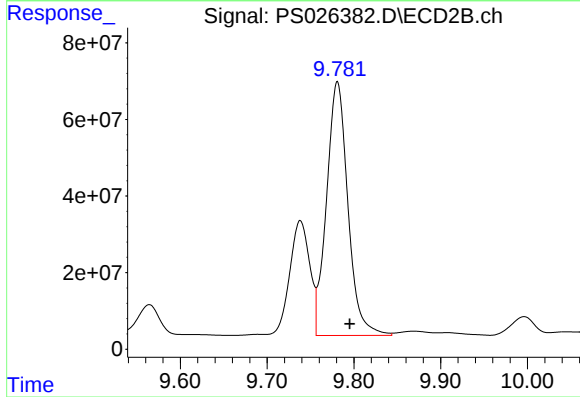
#11 2,4,5-TP (SILVEX)

R.T.: 9.148 min  
Delta R.T.: -0.008 min  
Response: 3700032779  
Conc: 198.62 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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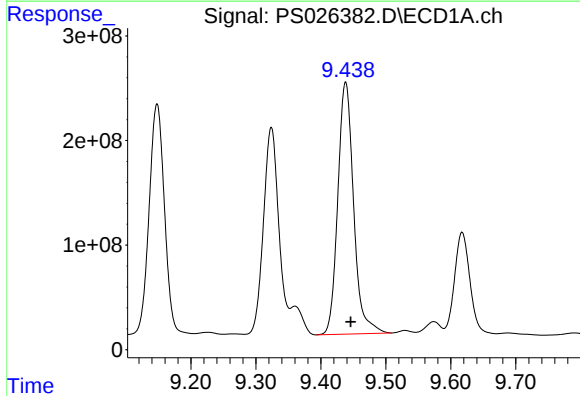
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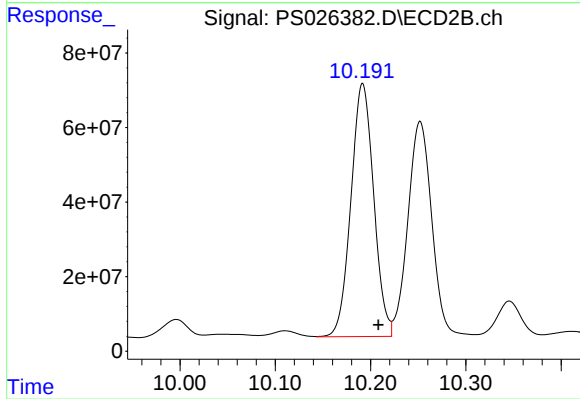
#11 2,4,5-TP (SILVEX)

R.T.: 9.781 min  
Delta R.T.: -0.014 min  
Response: 1134948968  
Conc: 190.11 ng/ml



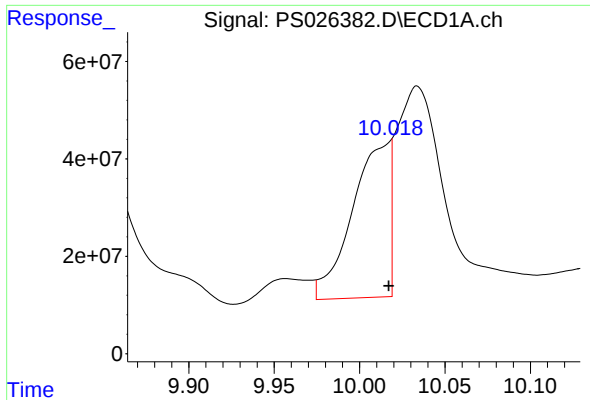
#12 2,4,5-T

R.T.: 9.438 min  
Delta R.T.: -0.008 min  
Response: 4071234099  
Conc: 224.34 ng/ml



#12 2,4,5-T

R.T.: 10.192 min  
Delta R.T.: -0.017 min  
Response: 1126154552  
Conc: 212.11 ng/ml



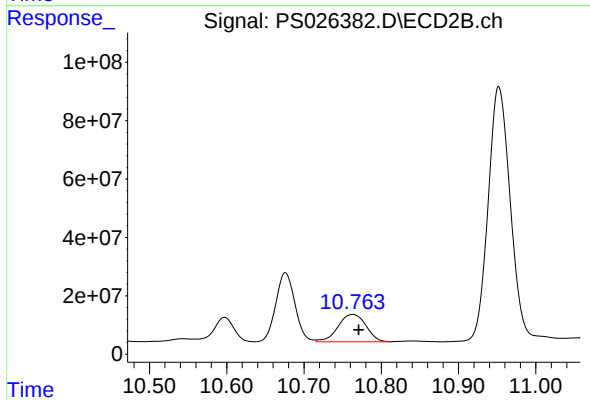
#13 2,4-DB

R.T.: 10.018 min  
Delta R.T.: 0.001 min  
Response: 485333827  
Conc: 201.19 ng/ml

Instrument :  
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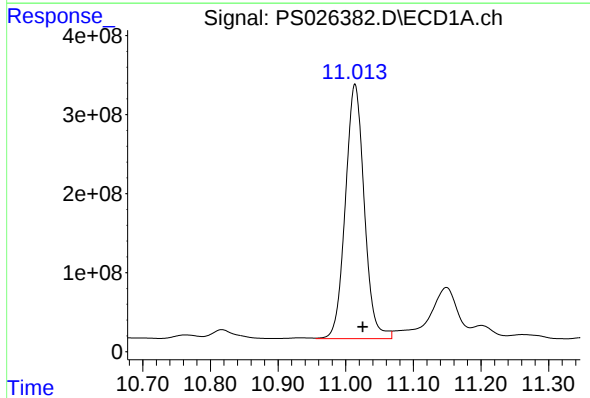
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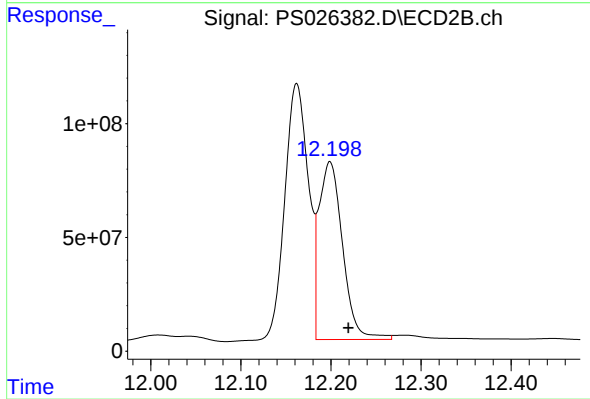
#13 2,4-DB

R.T.: 10.763 min  
Delta R.T.: -0.008 min  
Response: 235968493  
Conc: 393.55 ng/ml



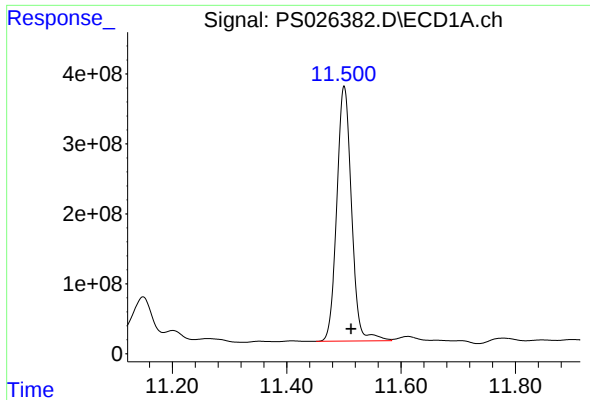
#15 Picloram

R.T.: 11.014 min  
Delta R.T.: -0.012 min  
Response: 6252122519  
Conc: 274.50 ng/ml



#15 Picloram

R.T.: 12.199 min  
Delta R.T.: -0.021 min  
Response: 1420882516  
Conc: 236.09 ng/ml



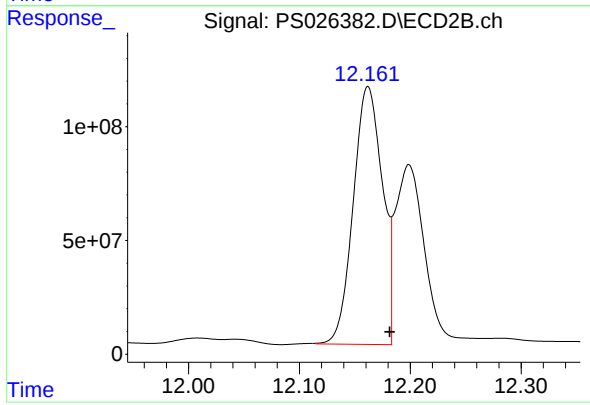
#16 DCPA

R.T.: 11.501 min  
Delta R.T.: -0.012 min  
Response: 6503357767  
Conc: 274.71 ng/ml

Instrument :  
ECD\_S  
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#16 DCPA

R.T.: 12.161 min  
Delta R.T.: -0.020 min  
Response: 2071380457  
Conc: 294.44 ng/ml m