

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS032224\  
 Data File : PS026245.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Mar 2024 17:42  
 Operator : AR\AJ  
 Sample : PB159734BSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PB159734BSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 03/25/2024  
 Supervised By : Ankita Jodhani 03/25/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 23 03:08:52 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS031924.M  
 Quant Title : 8080.M  
 QLast Update : Tue Mar 19 15:58:33 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     | 7.185  | 7.701  | 1797.3E6  | 526.9E6  | 559.762  | 559.944  |
| Target Compounds            |              |        |        |           |          |          |          |
| 1) T                        | Dalapon      | 2.638  | 2.680  | 2520.6E6  | 942.6E6  | 487.438  | 495.903  |
| 2) T                        | 3,5-DICHL... | 6.364  | 6.667  | 2413.1E6  | 746.0E6  | 516.190m | 517.745  |
| 3) T                        | 4-Nitroph... | 6.983  | 7.231  | 902.9E6   | 243.0E6  | 517.702  | 513.531  |
| 5) T                        | DICAMBA      | 7.370  | 7.897  | 7117.1E6  | 2286.4E6 | 525.157m | 526.592  |
| 6) T                        | MCPD         | 7.551  | 8.000  | 519.6E6   | 169.3E6  | 53.483m  | 53.013m  |
| 7) T                        | MCPA         | 7.700  | 8.240  | 694.4E6   | 224.2E6  | 51.171   | 51.652   |
| 8) T                        | DICHLORPROP  | 8.074  | 8.605  | 1842.2E6  | 567.9E6  | 524.604  | 524.418  |
| 9) T                        | 2,4-D        | 8.303  | 8.930  | 1853.5E6  | 545.5E6  | 519.068  | 529.763  |
| 10) T                       | Pentachlo... | 8.599  | 9.451  | 27140.4E6 | 8737.7E6 | 572.463  | 547.785  |
| 11) T                       | 2,4,5-TP ... | 9.176  | 9.825  | 10317.5E6 | 3277.4E6 | 541.935  | 540.330  |
| 12) T                       | 2,4,5-T      | 9.466  | 10.240 | 10167.2E6 | 2899.7E6 | 546.581  | 539.127  |
| 13) T                       | 2,4-DB       | 10.039 | 10.803 | 1305.6E6  | 317.8E6  | 521.841  | 527.852  |
| 14) T                       | DINOSEB      | 11.241 | 11.179 | 7333.6E6  | 2123.0E6 | 562.011  | 552.780m |
| 15) T                       | Picloram     | 11.049 | 12.257 | 11820.0E6 | 2951.3E6 | 518.449m | 484.457m |
| 16) T                       | DCPA         | 11.536 | 12.215 | 13273.6E6 | 3724.6E6 | 550.667m | 531.986m |
| -----                       |              |        |        |           |          |          |          |

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

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Acq On : 22 Mar 2024 17:42  
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Sample : PB159734BSD  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

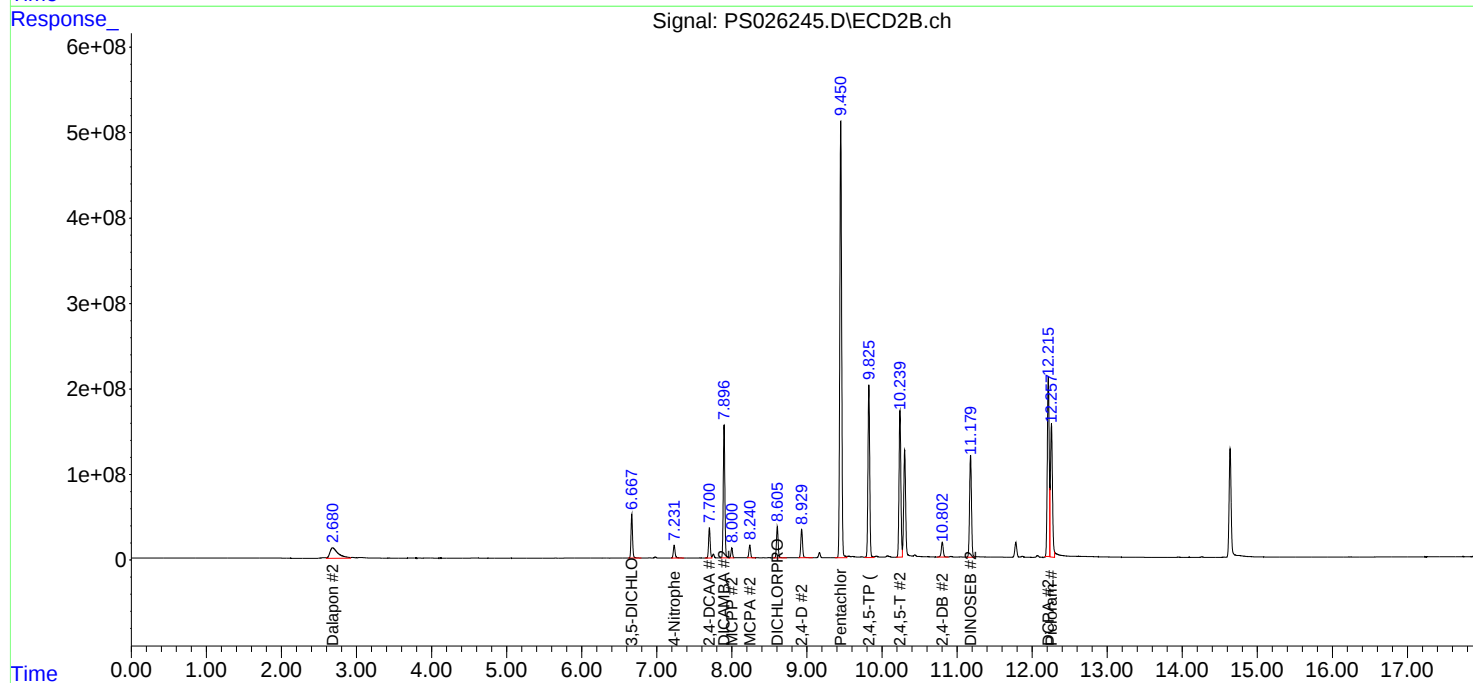
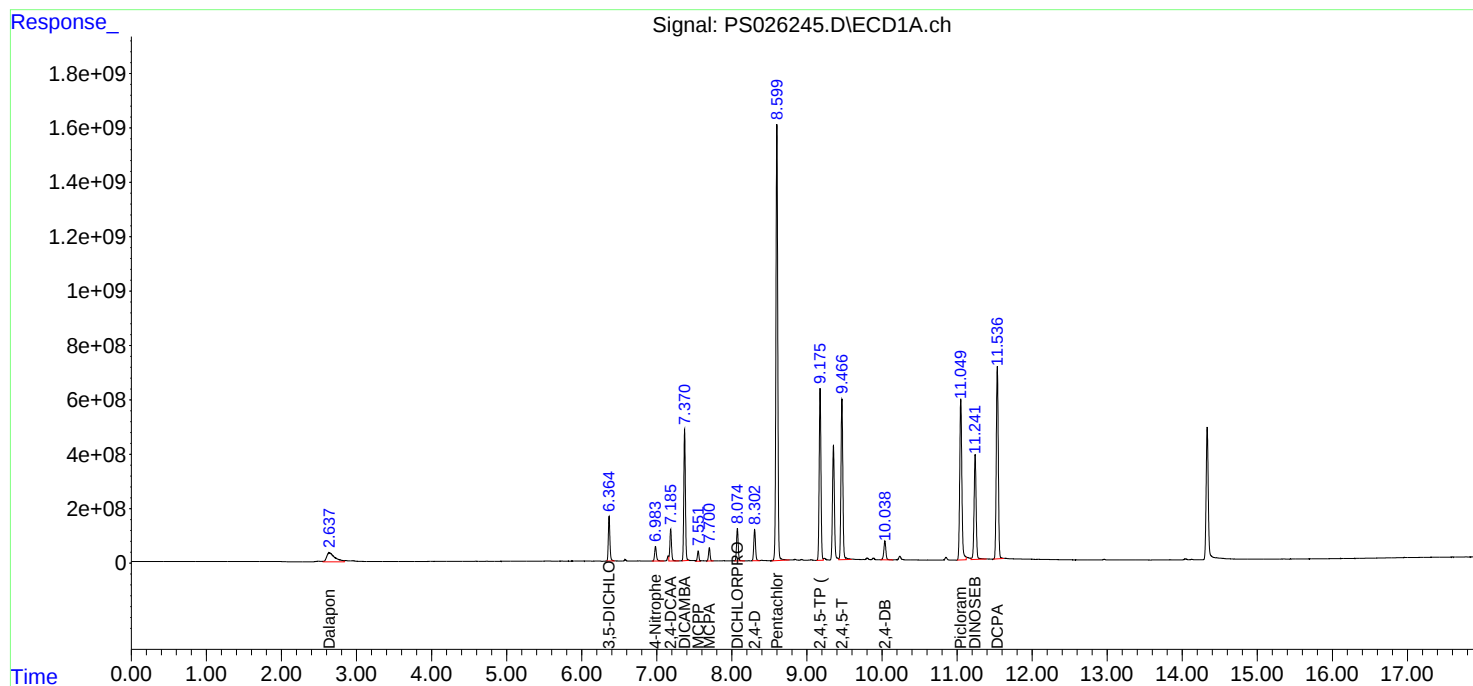
Instrument :  
ECD\_S  
ClientSampleId :  
PB159734BSD

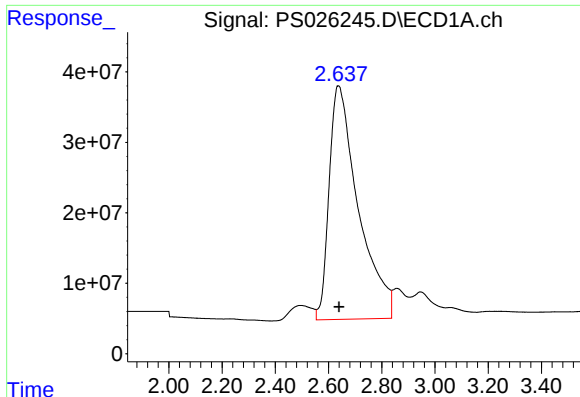
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 23 03:08:52 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS031924.M  
Quant Title : 8080.M  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





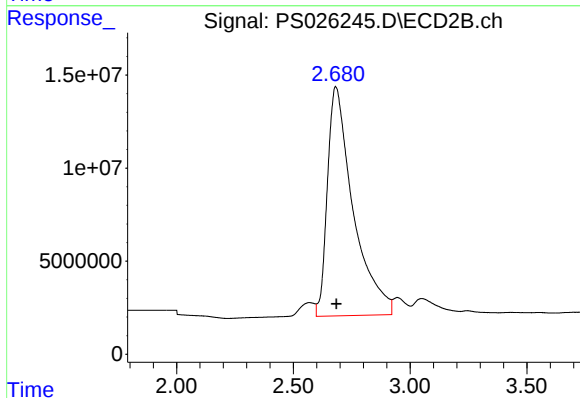
#1 Dalapon

R.T.: 2.638 min  
Delta R.T.: -0.002 min  
Response: 2520631048  
Conc: 487.44 ng/ml

Instrument :  
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ClientSampleId :  
PB159734BSD

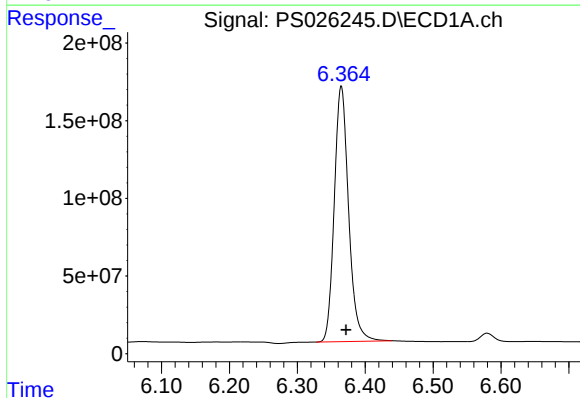
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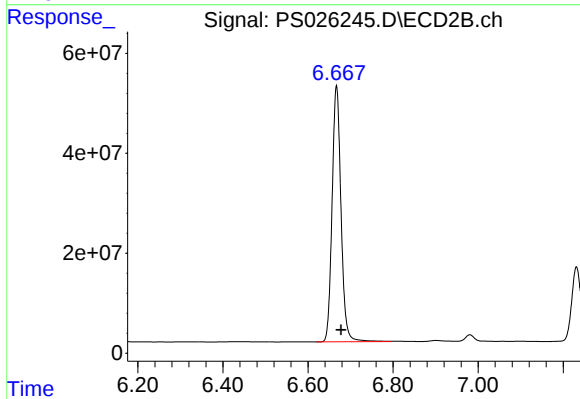
#1 Dalapon

R.T.: 2.680 min  
Delta R.T.: -0.004 min  
Response: 942596910  
Conc: 495.90 ng/ml



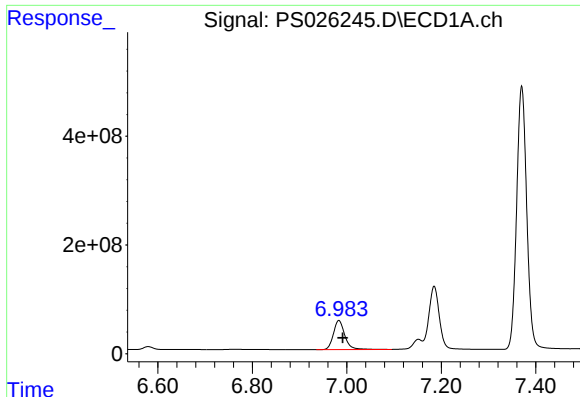
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.364 min  
Delta R.T.: -0.008 min  
Response: 2413074641  
Conc: 516.19 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.667 min  
Delta R.T.: -0.011 min  
Response: 745974166  
Conc: 517.75 ng/ml



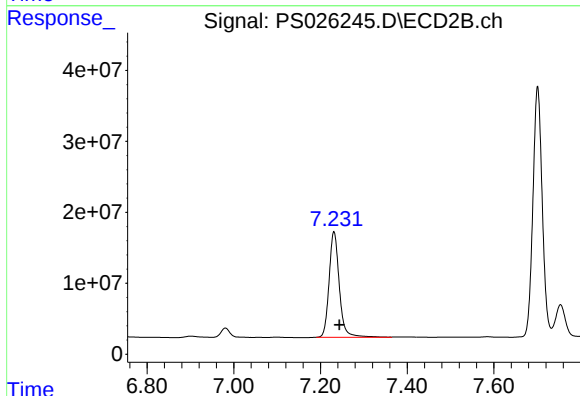
#3 4-Nitrophenol

R.T.: 6.983 min  
Delta R.T.: -0.008 min  
Response: 902922745  
Conc: 517.70 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB159734BSD

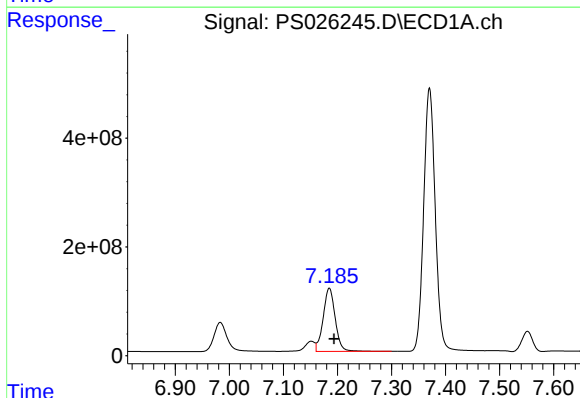
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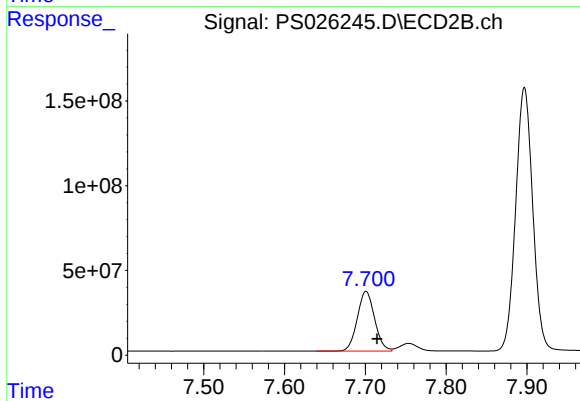
#3 4-Nitrophenol

R.T.: 7.231 min  
Delta R.T.: -0.013 min  
Response: 243041431  
Conc: 513.53 ng/ml



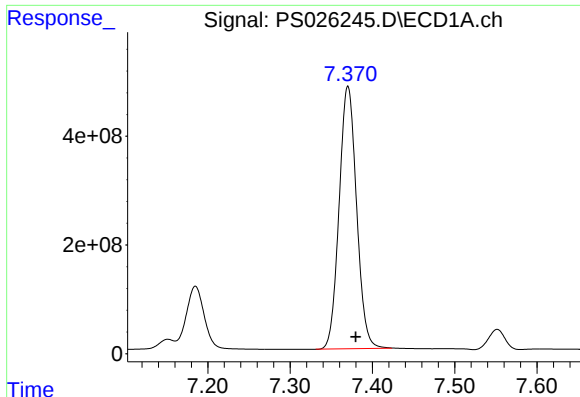
#4 2,4-DCAA

R.T.: 7.185 min  
Delta R.T.: -0.009 min  
Response: 1797256713  
Conc: 559.76 ng/ml



#4 2,4-DCAA

R.T.: 7.701 min  
Delta R.T.: -0.014 min  
Response: 526885036  
Conc: 559.94 ng/ml



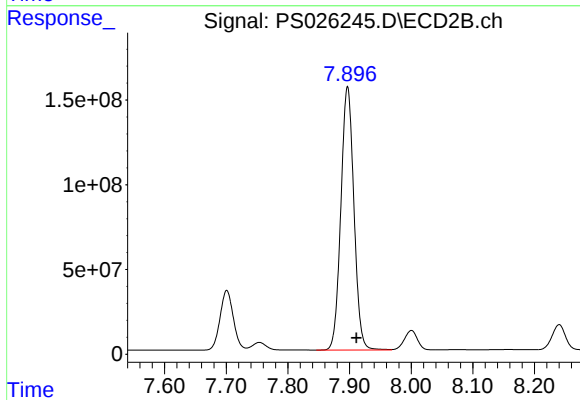
#5 DICAMBA

R.T.: 7.370 min  
Delta R.T.: -0.010 min  
Response: 7117136806  
Conc: 525.16 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB159734BSD

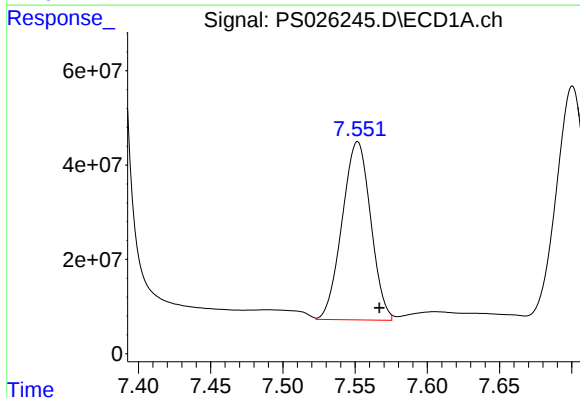
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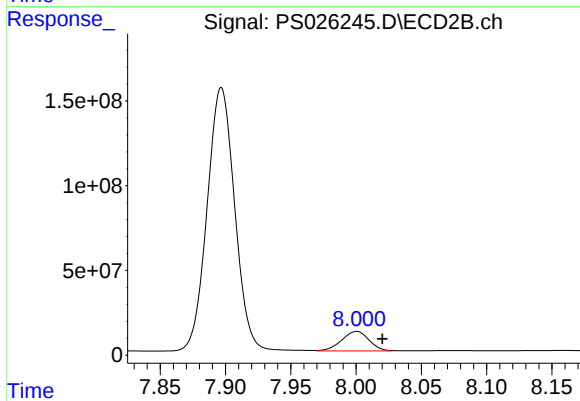
#5 DICAMBA

R.T.: 7.897 min  
Delta R.T.: -0.014 min  
Response: 2286398099  
Conc: 526.59 ng/ml



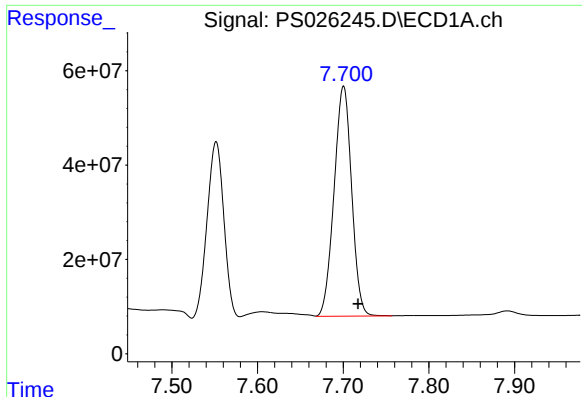
#6 MCPP

R.T.: 7.551 min  
Delta R.T.: -0.015 min  
Response: 519564268  
Conc: 53.48 ug/ml m



#6 MCPP

R.T.: 8.000 min  
Delta R.T.: -0.020 min  
Response: 169309035  
Conc: 53.01 ug/ml m



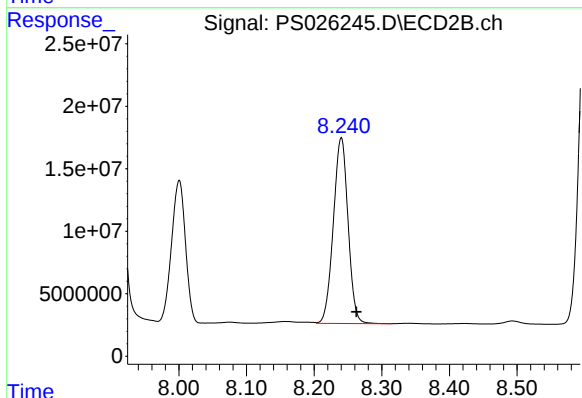
#7 MCPA

R.T.: 7.700 min  
Delta R.T.: -0.017 min  
Response: 694434380  
Conc: 51.17 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB159734BSD

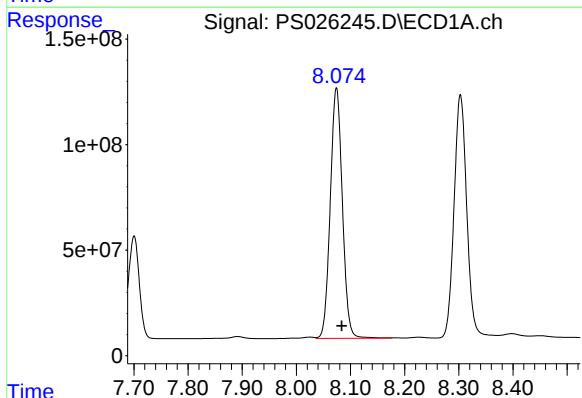
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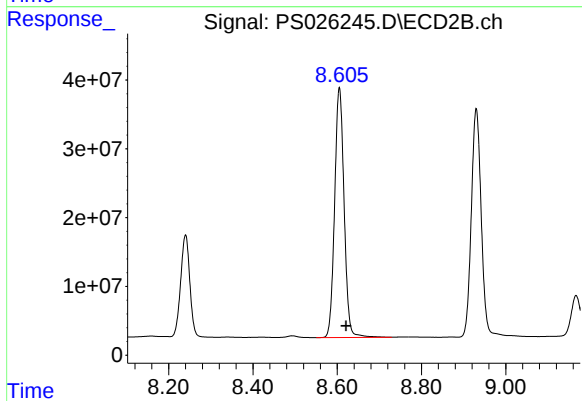
#7 MCPA

R.T.: 8.240 min  
Delta R.T.: -0.022 min  
Response: 224217385  
Conc: 51.65 ug/ml



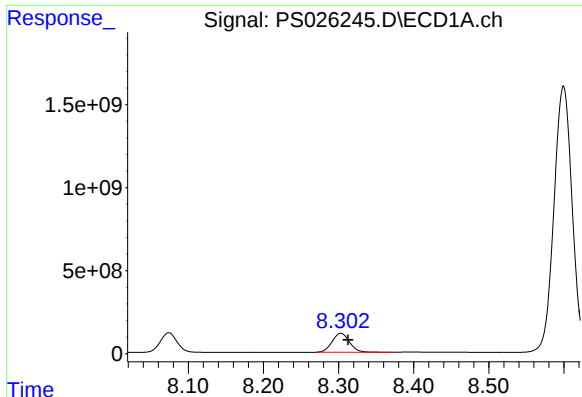
#8 DICHLORPROP

R.T.: 8.074 min  
Delta R.T.: -0.010 min  
Response: 1842248660  
Conc: 524.60 ng/ml



#8 DICHLORPROP

R.T.: 8.605 min  
Delta R.T.: -0.016 min  
Response: 567949523  
Conc: 524.42 ng/ml



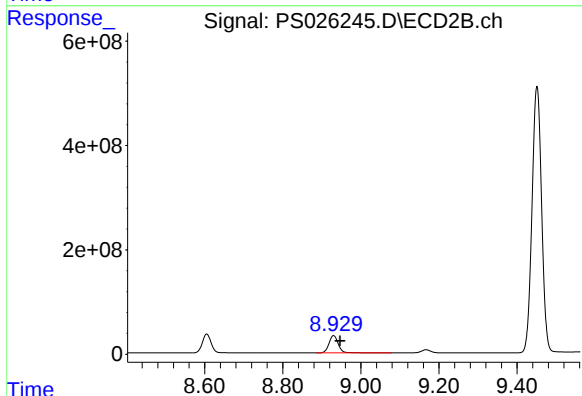
#9 2,4-D

R.T.: 8.303 min  
Delta R.T.: -0.010 min  
Response: 1853473850  
Conc: 519.07 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB159734BSD

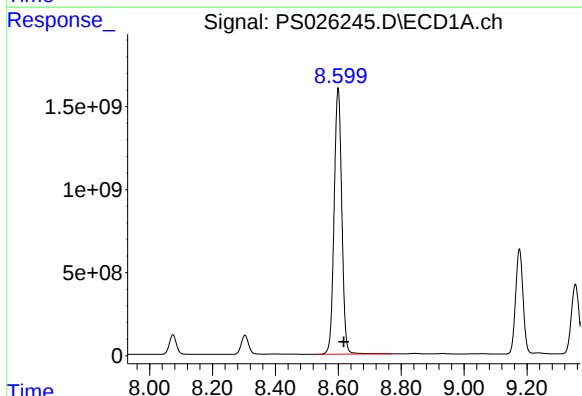
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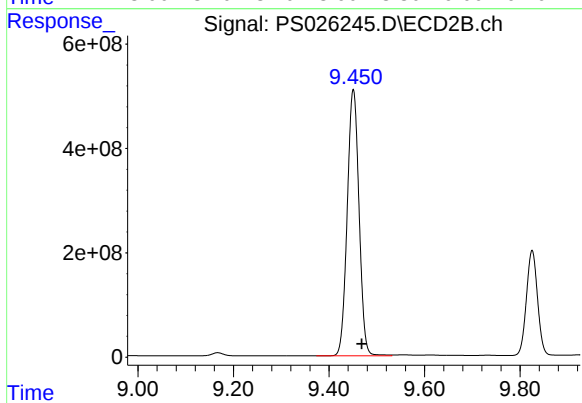
#9 2,4-D

R.T.: 8.930 min  
Delta R.T.: -0.017 min  
Response: 545499099  
Conc: 529.76 ng/ml



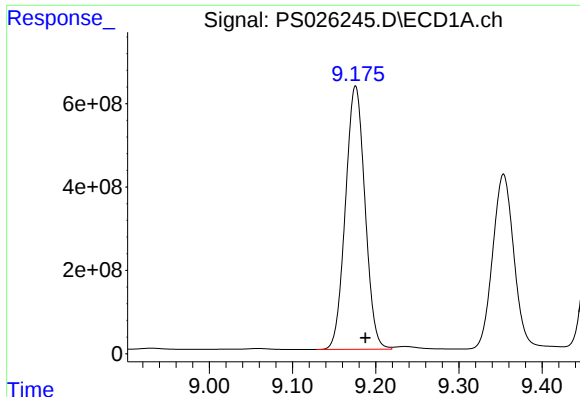
#10 Pentachlorophenol

R.T.: 8.599 min  
Delta R.T.: -0.018 min  
Response: 27140387432  
Conc: 572.46 ng/ml



#10 Pentachlorophenol

R.T.: 9.451 min  
Delta R.T.: -0.018 min  
Response: 8737685628  
Conc: 547.78 ng/ml



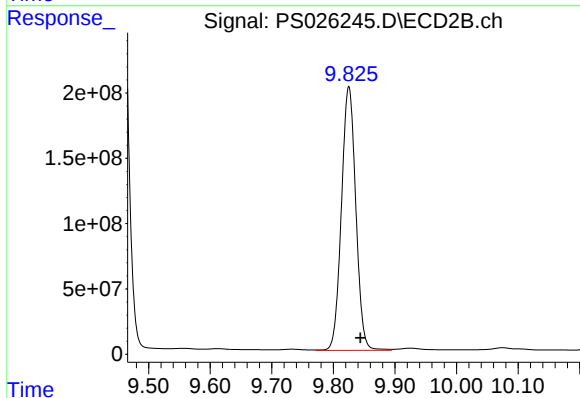
#11 2,4,5-TP (SILVEX)

R.T.: 9.176 min  
Delta R.T.: -0.012 min  
Response: 10317471479  
Conc: 541.94 ng/ml

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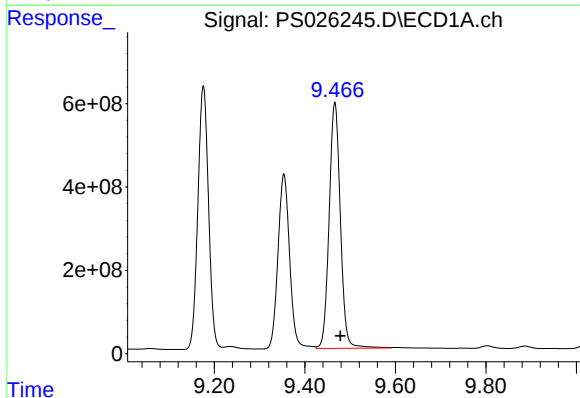
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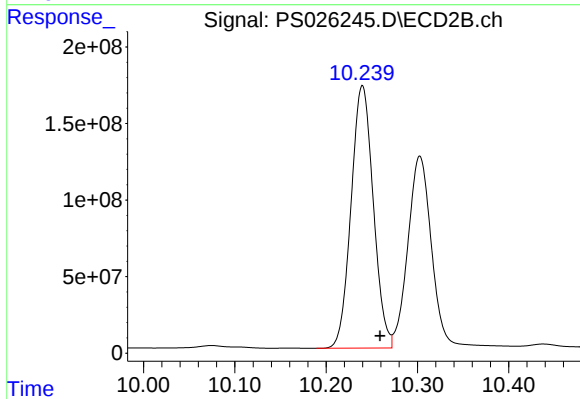
#11 2,4,5-TP (SILVEX)

R.T.: 9.825 min  
Delta R.T.: -0.019 min  
Response: 3277411094  
Conc: 540.33 ng/ml



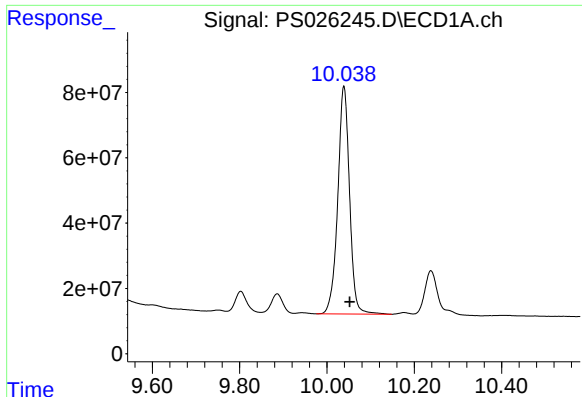
#12 2,4,5-T

R.T.: 9.466 min  
Delta R.T.: -0.012 min  
Response: 10167168260  
Conc: 546.58 ng/ml



#12 2,4,5-T

R.T.: 10.240 min  
Delta R.T.: -0.019 min  
Response: 2899661216  
Conc: 539.13 ng/ml



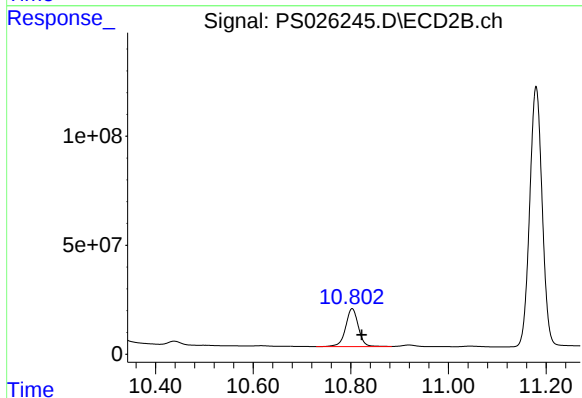
#13 2,4-DB

R.T.: 10.039 min  
Delta R.T.: -0.013 min  
Response: 1305556392  
Conc: 521.84 ng/ml

Instrument :  
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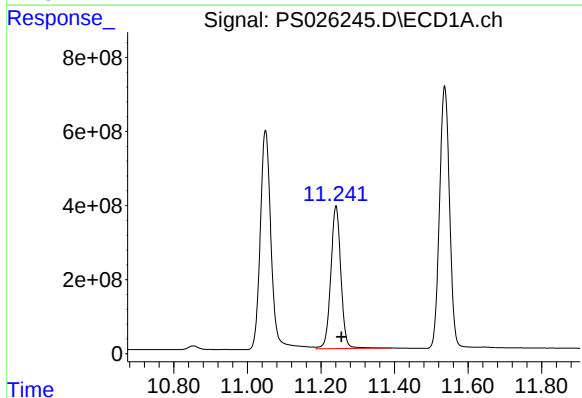
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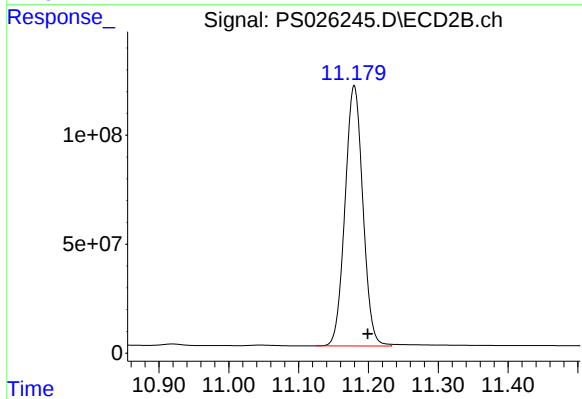
#13 2,4-DB

R.T.: 10.803 min  
Delta R.T.: -0.020 min  
Response: 317848360  
Conc: 527.85 ng/ml



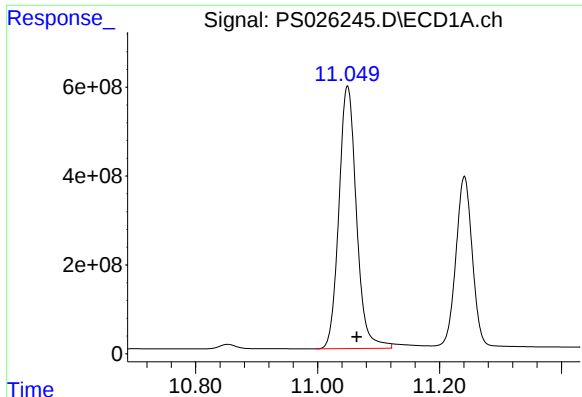
#14 DINOSEB

R.T.: 11.241 min  
Delta R.T.: -0.015 min  
Response: 7333551031  
Conc: 562.01 ng/ml



#14 DINOSEB

R.T.: 11.179 min  
Delta R.T.: -0.020 min  
Response: 2123037078  
Conc: 552.78 ng/ml m



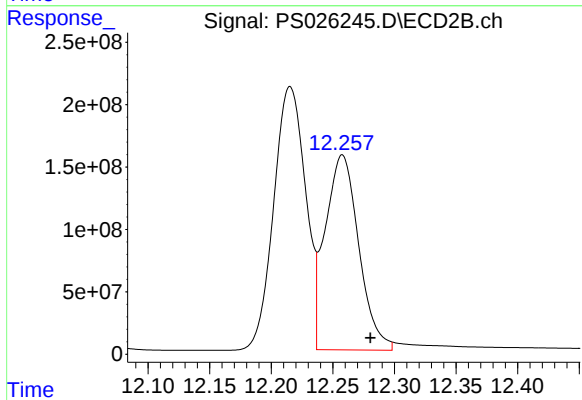
#15 Picloram

R.T.: 11.049 min  
Delta R.T.: -0.015 min  
Response: 11819976933  
Conc: 518.45 ng/ml

Instrument :  
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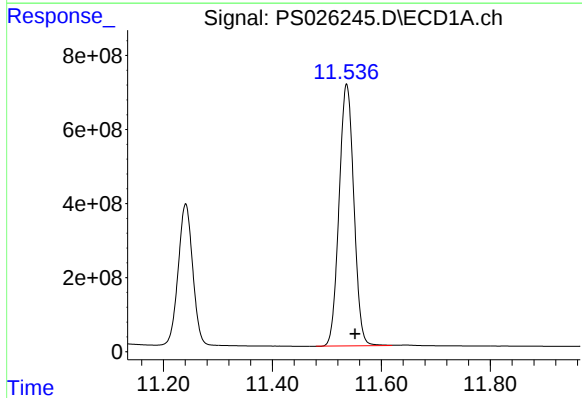
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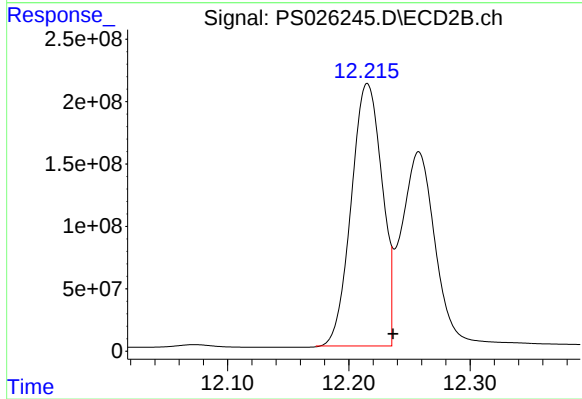
#15 Picloram

R.T.: 12.257 min  
Delta R.T.: -0.023 min  
Response: 2951300416  
Conc: 484.46 ng/ml m



#16 DCPA

R.T.: 11.536 min  
Delta R.T.: -0.016 min  
Response: 13273573488  
Conc: 550.67 ng/ml m



#16 DCPA

R.T.: 12.215 min  
Delta R.T.: -0.022 min  
Response: 3724605210  
Conc: 531.99 ng/ml m