

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070925\  
 Data File : PS030961.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jul 2025 12:24  
 Operator : AR\AJ  
 Sample : Q2493-01MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 WC-11MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/10/2025  
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 10 01:41:18 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 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     | 7.336  | 7.769  | 1788.4E6 | 459.1E6  | 486.722  | 428.288   |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 2.664f | 2.680f | 2699.5E6 | 2190.1E6 | 452.503m | 798.808m# |
| 2) T                        | 3,5-DICHL... | 6.498  | 6.715  | 2051.7E6 | 616.2E6  | 381.530  | 381.981   |
| 5) T                        | DICAMBA      | 7.526  | 7.972  | 5559.3E6 | 2323.9E6 | 365.378m | 354.614   |
| 6) T                        | MCP          | 7.706  | 8.071  | 347.6E6  | 79842312 | 37.027m  | 38.069    |
| 7) T                        | MCPA         | 7.856  | 8.316  | 514.2E6  | 89761954 | 43.833m  | 28.534 #  |
| 8) T                        | DICHLORPROP  | 8.240  | 8.691  | 1435.2E6 | 595.6E6  | 383.146  | 378.741   |
| 9) T                        | 2,4-D        | 8.459f | 9.027  | 5006.7E6 | 563.7E6  | 1453.578 | 331.677 # |
| 10) T                       | Pentachlo... | 8.778  | 9.552  | 8532.7E6 | 6161.8E6 | 161.221  | 161.633   |
| 11) T                       | 2,4,5-TP ... | 9.359  | 9.933  | 7631.3E6 | 5447.4E6 | 380.987  | 377.542m  |
| 12) T                       | 2,4,5-T      | 9.653  | 10.360 | 6821.1E6 | 5090.8E6 | 414.579  | 372.551m  |
| 13) T                       | 2,4-DB       | 10.232 | 10.927 | 820.7E6  | 368.6E6  | 357.829m | 311.608   |
| 15) T                       | Picloram     | 11.257 | 12.423 | 6065.5E6 | 6626.8E6 | 377.298m | 285.127m  |
| 16) T                       | DCPA         | 11.742 | 12.358 | 8471.0E6 | 8405.5E6 | 330.688  | 381.325   |
| -----                       |              |        |        |          |          |          |           |

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

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Data File : PS030961.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jul 2025 12:24  
Operator : AR\AJ  
Sample : Q2493-01MS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

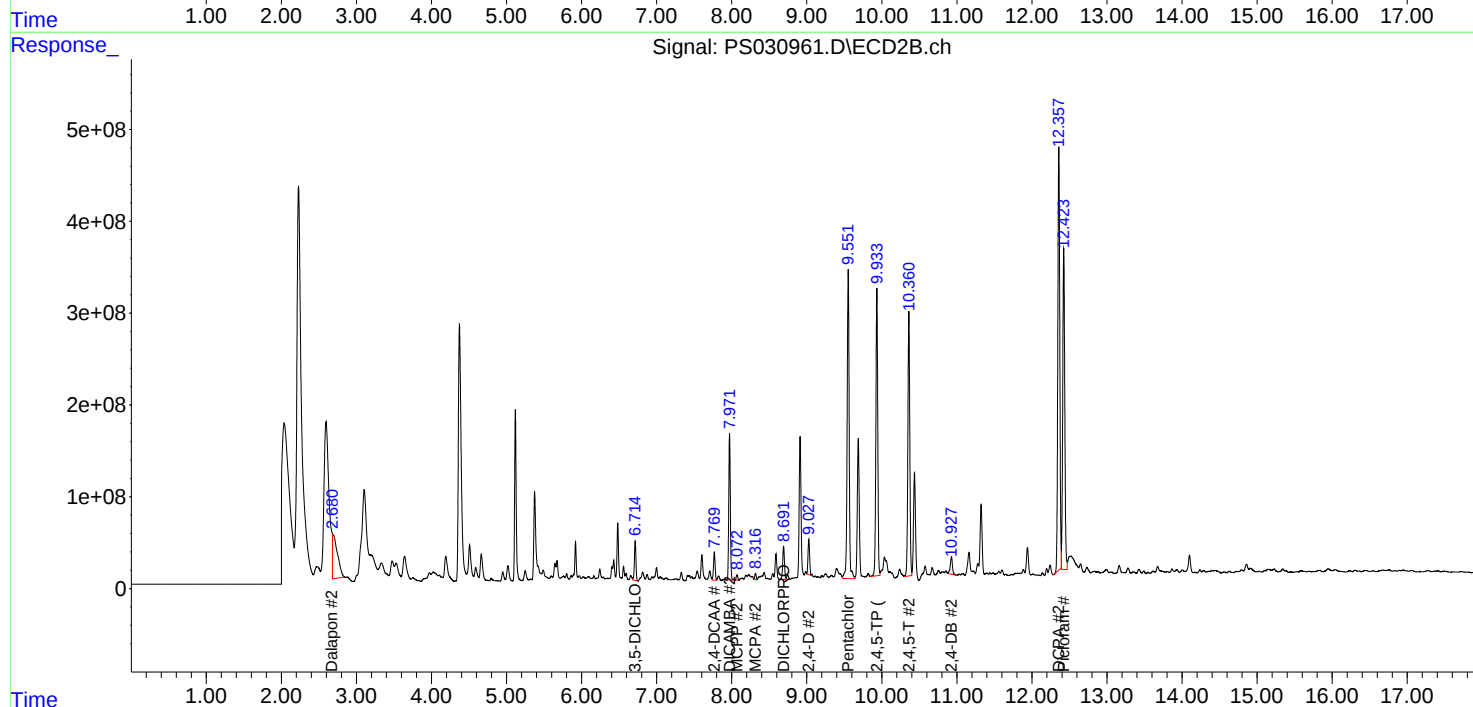
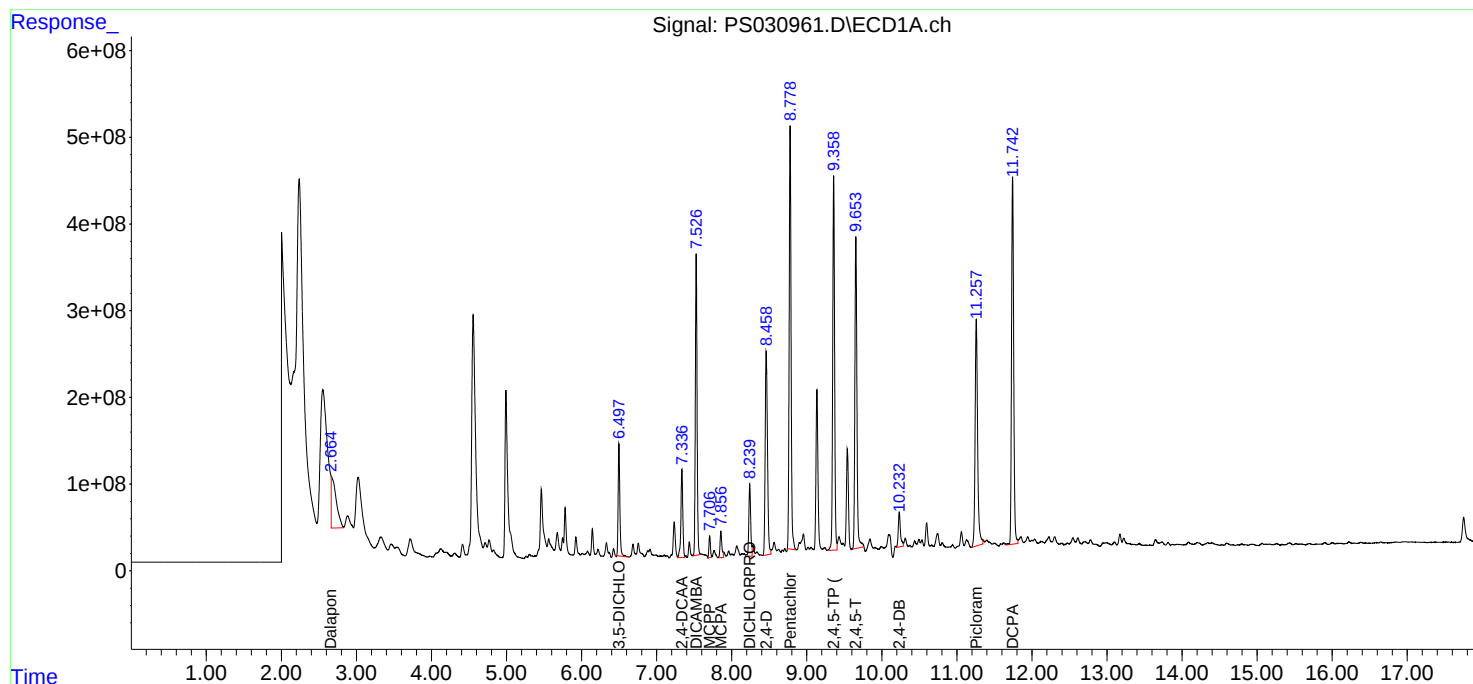
Instrument :  
ECD\_S  
ClientSampleId :  
WC-11MS

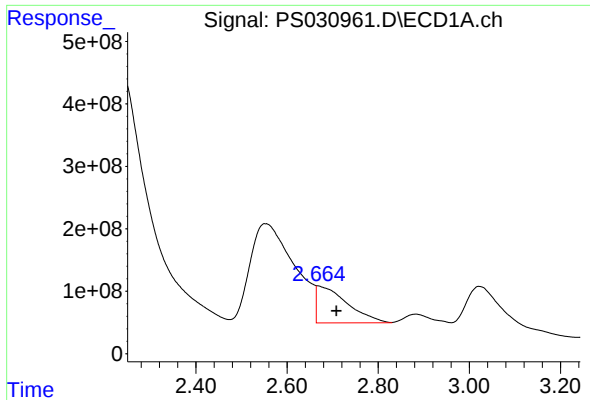
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





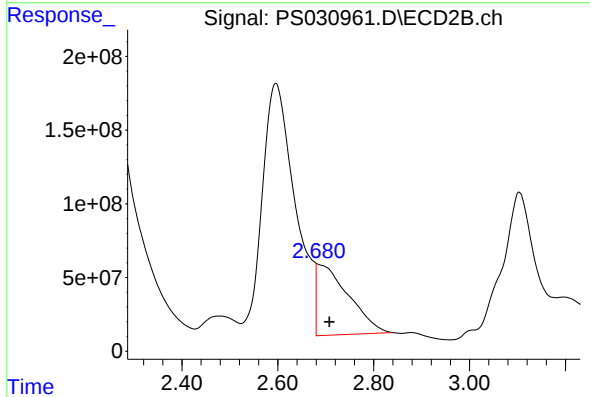
#1 Dalapon

R.T.: 2.664 min  
Delta R.T.: -0.044 min  
Response: 2699463294  
Conc: 452.50 ng/ml

Instrument :  
ECD\_S  
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WC-11MS

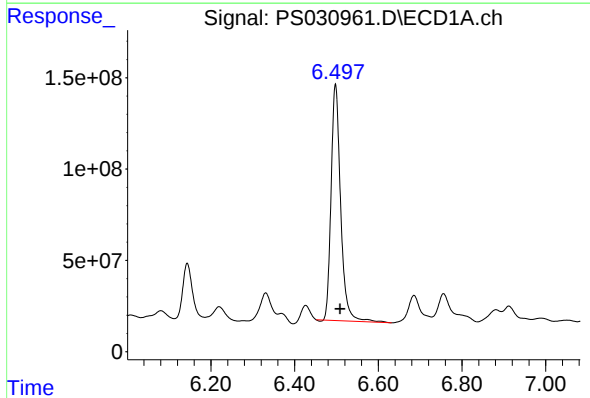
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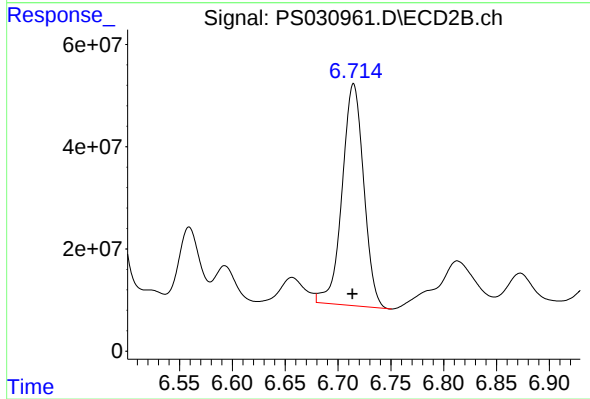
#1 Dalapon

R.T.: 2.680 min  
Delta R.T.: -0.028 min  
Response: 2190124954  
Conc: 798.81 ng/ml m



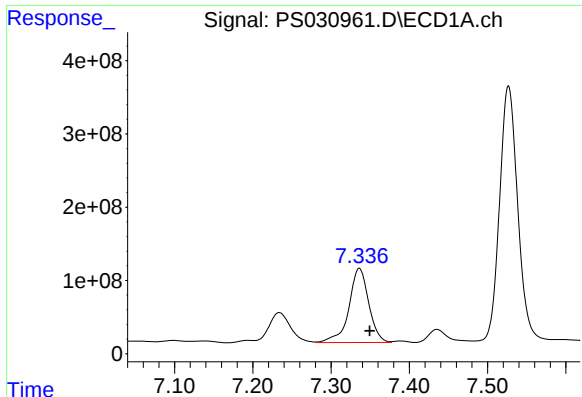
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.498 min  
Delta R.T.: -0.011 min  
Response: 2051696108  
Conc: 381.53 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min  
Delta R.T.: 0.001 min  
Response: 616192122  
Conc: 381.98 ng/ml



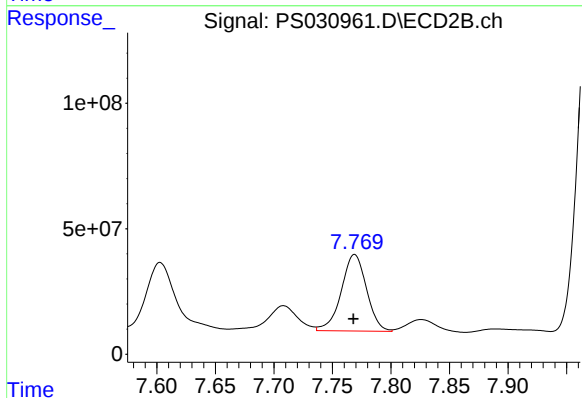
#4 2,4-DCAA

R.T.: 7.336 min  
Delta R.T.: -0.013 min  
Response: 1788408090  
Conc: 486.72 ng/ml

Instrument :  
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WC-11MS

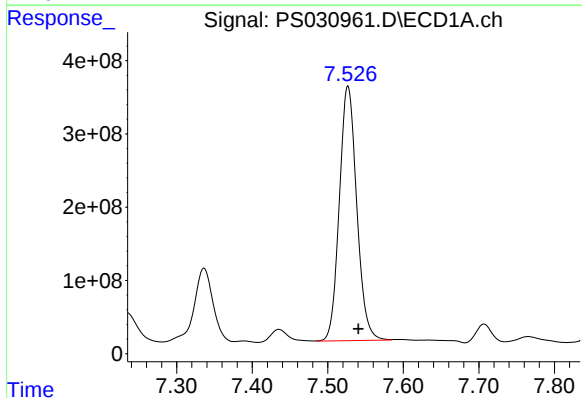
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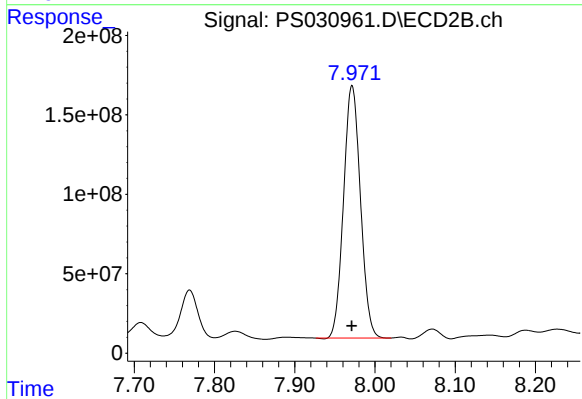
#4 2,4-DCAA

R.T.: 7.769 min  
Delta R.T.: 0.001 min  
Response: 459109332  
Conc: 428.29 ng/ml



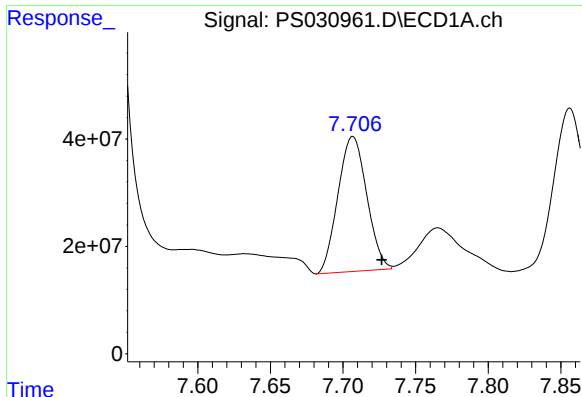
#5 DICAMBA

R.T.: 7.526 min  
Delta R.T.: -0.014 min  
Response: 5559261121  
Conc: 365.38 ng/ml m



#5 DICAMBA

R.T.: 7.972 min  
Delta R.T.: 0.000 min  
Response: 2323859014  
Conc: 354.61 ng/ml



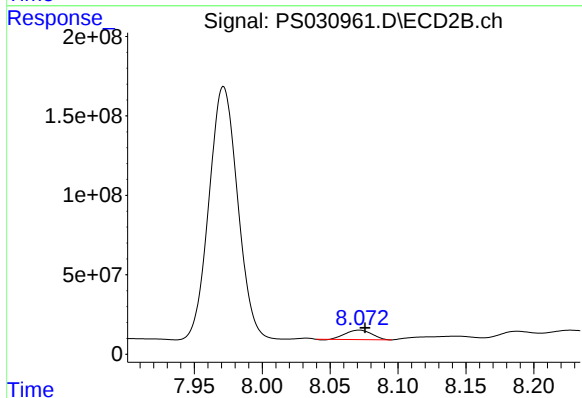
#6 MCP

R.T.: 7.706 min  
Delta R.T.: -0.020 min  
Response: 347622882  
Conc: 37.03 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
WC-11MS

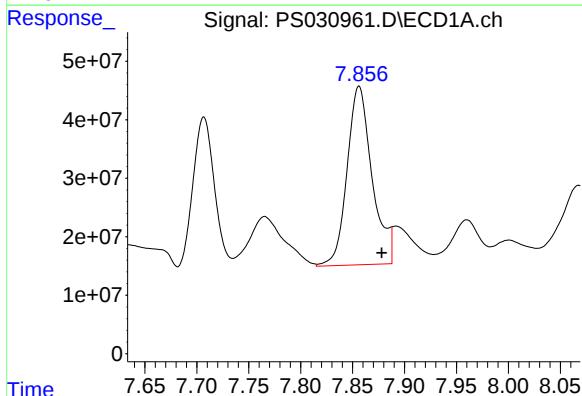
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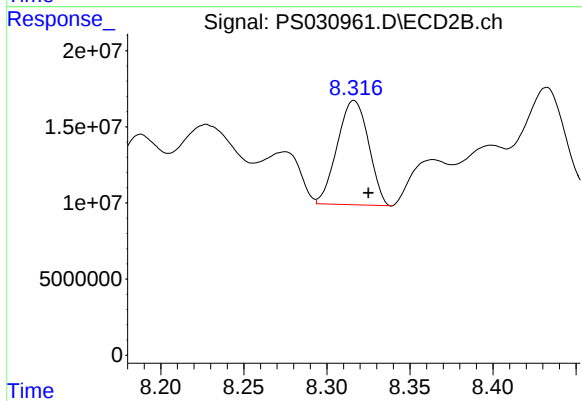
#6 MCP

R.T.: 8.071 min  
Delta R.T.: -0.004 min  
Response: 79842312  
Conc: 38.07 ug/ml



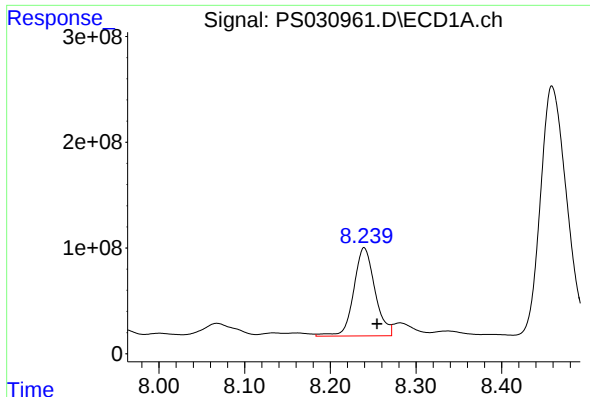
#7 MCPA

R.T.: 7.856 min  
Delta R.T.: -0.022 min  
Response: 514191074  
Conc: 43.83 ug/ml m



#7 MCPA

R.T.: 8.316 min  
Delta R.T.: -0.009 min  
Response: 89761954  
Conc: 28.53 ug/ml



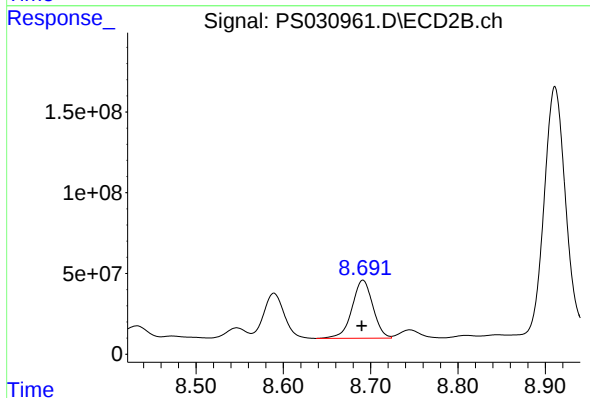
#8 DICHLORPROP

R.T.: 8.240 min  
Delta R.T.: -0.015 min  
Response: 1435173766  
Conc: 383.15 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
WC-11MS

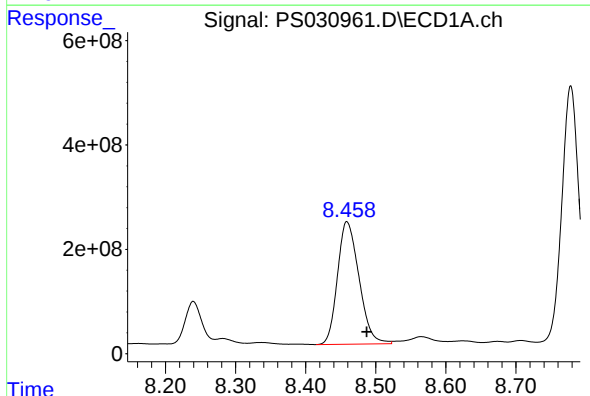
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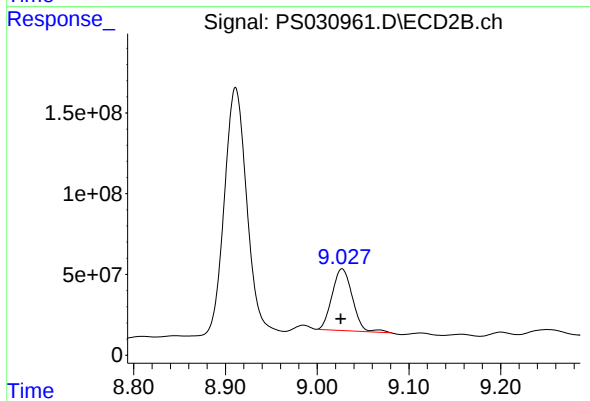
#8 DICHLORPROP

R.T.: 8.691 min  
Delta R.T.: 0.001 min  
Response: 595568606  
Conc: 378.74 ng/ml



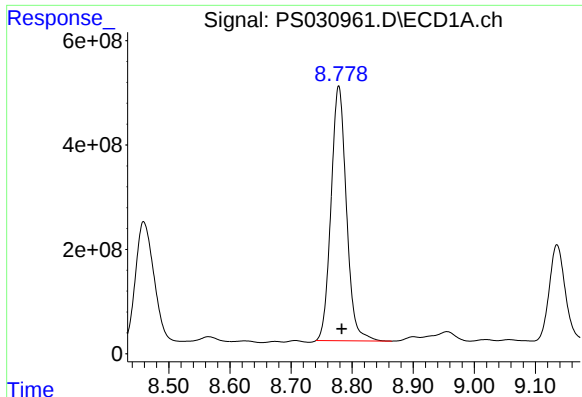
#9 2,4-D

R.T.: 8.459 min  
Delta R.T.: -0.028 min  
Response: 5006720062  
Conc: 1453.58 ng/ml



#9 2,4-D

R.T.: 9.027 min  
Delta R.T.: 0.002 min  
Response: 563653360  
Conc: 331.68 ng/ml



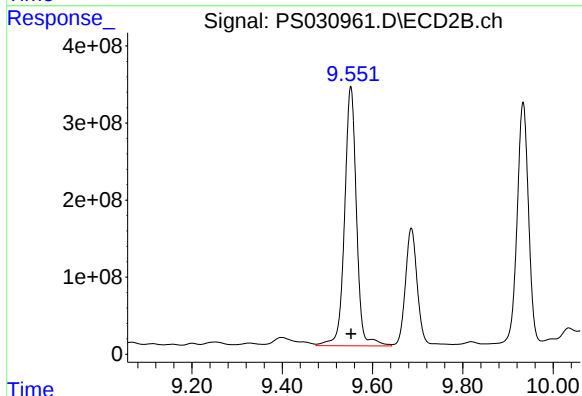
#10 Pentachlorophenol

R.T.: 8.778 min  
Delta R.T.: -0.005 min  
Response: 8532687683  
Conc: 161.22 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
WC-11MS

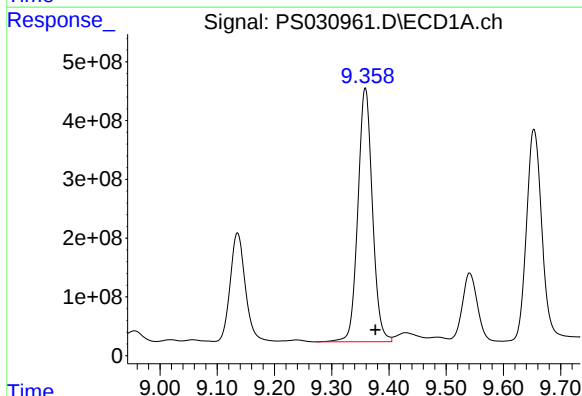
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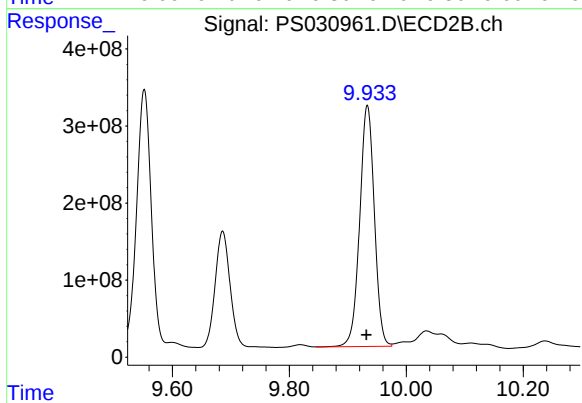
#10 Pentachlorophenol

R.T.: 9.552 min  
Delta R.T.: -0.001 min  
Response: 6161803978  
Conc: 161.63 ng/ml



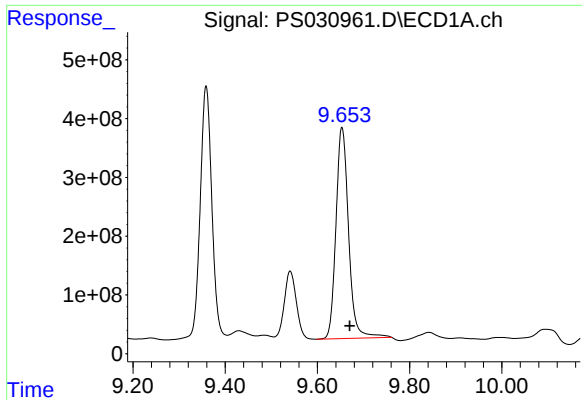
#11 2,4,5-TP (SILVEX)

R.T.: 9.359 min  
Delta R.T.: -0.018 min  
Response: 7631316582  
Conc: 380.99 ng/ml



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

R.T.: 9.933 min  
Delta R.T.: 0.001 min  
Response: 5447440985  
Conc: 377.54 ng/ml m



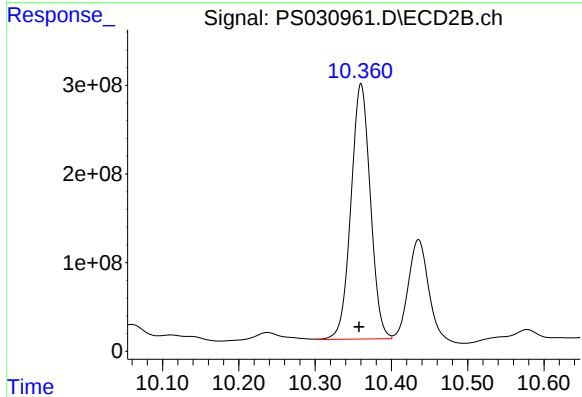
#12 2,4,5-T

R.T.: 9.653 min  
Delta R.T.: -0.017 min  
Response: 6821133654  
Conc: 414.58 ng/ml

Instrument :  
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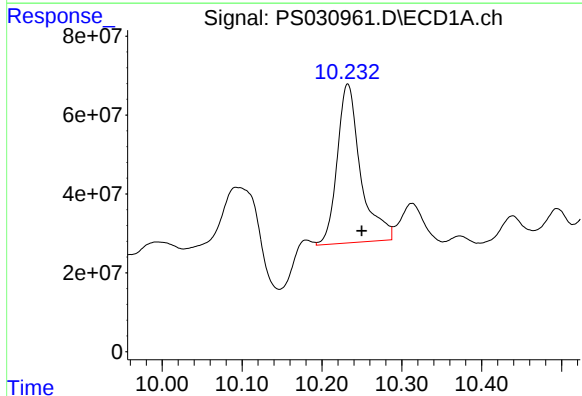
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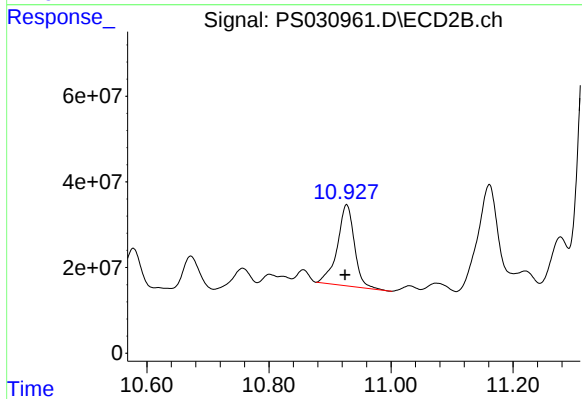
#12 2,4,5-T

R.T.: 10.360 min  
Delta R.T.: 0.002 min  
Response: 5090768779  
Conc: 372.55 ng/ml m



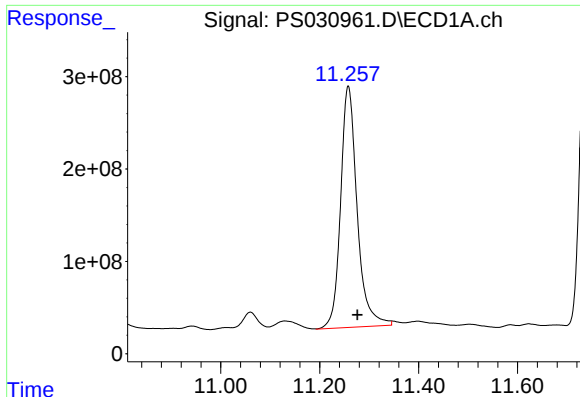
#13 2,4-DB

R.T.: 10.232 min  
Delta R.T.: -0.018 min  
Response: 820682499  
Conc: 357.83 ng/ml m



#13 2,4-DB

R.T.: 10.927 min  
Delta R.T.: 0.002 min  
Response: 368601694  
Conc: 311.61 ng/ml



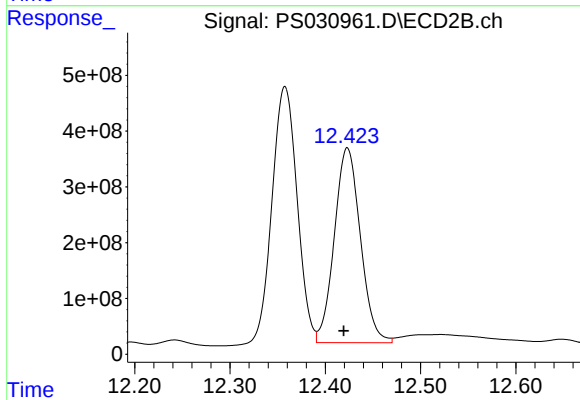
#15 Picloram

R.T.: 11.257 min  
Delta R.T.: -0.019 min  
Response: 6065477872  
Conc: 377.30 ng/ml

Instrument :  
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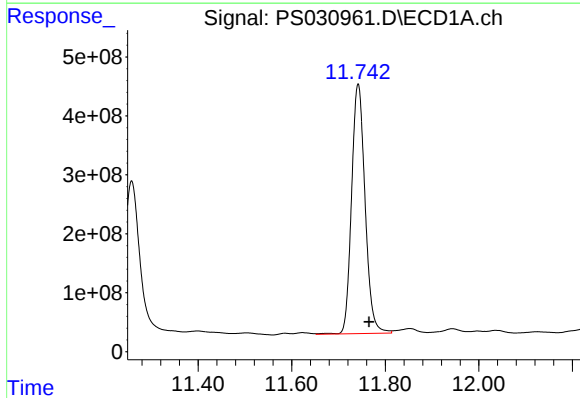
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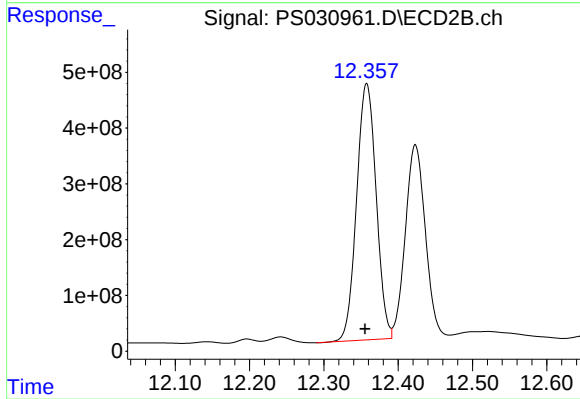
#15 Picloram

R.T.: 12.423 min  
Delta R.T.: 0.003 min  
Response: 6626766066  
Conc: 285.13 ng/ml m



#16 DCPA

R.T.: 11.742 min  
Delta R.T.: -0.023 min  
Response: 8470990320  
Conc: 330.69 ng/ml



#16 DCPA

R.T.: 12.358 min  
Delta R.T.: 0.002 min  
Response: 8405470059  
Conc: 381.33 ng/ml