

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS052325\  
 Data File : PS030374.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 May 2025 11:51  
 Operator : AR\AJ  
 Sample : PB168133BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PB168133BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 05/27/2025  
 Supervised By :mohammad ahmed 05/28/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 23 13:19:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS051225.M  
 Quant Title : 8080.M  
 QLast Update : Mon May 12 14:29:24 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     | 6.928  | 7.444  | 1701.5E6  | 454.4E6   | 597.474 | 567.853  |
| Target Compounds            |              |        |        |           |           |         |          |
| 1) T                        | Dalapon      | 2.443  | 2.516  | 2437.1E6  | 974.1E6   | 495.812 | 479.583  |
| 2) T                        | 3,5-DICHL... | 6.134  | 6.446  | 2304.9E6  | 588.4E6   | 552.672 | 504.689  |
| 3) T                        | 4-Nitroph... | 6.719  | 6.980  | 1114.2E6  | 485.7E6   | 539.414 | 465.257  |
| 5) T                        | DICAMBA      | 7.104  | 7.629  | 6511.4E6  | 2553.9E6  | 563.397 | 540.169  |
| 6) T                        | MCPD         | 7.282  | 7.736  | 420.6E6   | 97173518  | 57.752  | 52.818   |
| 7) T                        | MCPA         | 7.424  | 7.965  | 561.7E6   | 138.9E6   | 54.114  | 52.667   |
| 8) T                        | DICHLORPROP  | 7.783  | 8.321  | 1637.3E6  | 634.3E6   | 560.447 | 536.912  |
| 9) T                        | 2,4-D        | 8.004  | 8.632  | 1846.2E6  | 710.6E6   | 563.058 | 550.627  |
| 10) T                       | Pentachlo... | 8.280  | 9.131  | 23683.7E6 | 13992.8E6 | 584.771 | 566.854  |
| 11) T                       | 2,4,5-TP ... | 8.843  | 9.509  | 9190.3E6  | 5498.0E6  | 567.445 | 558.150  |
| 12) T                       | 2,4,5-T      | 9.125  | 9.913  | 9537.3E6  | 5074.3E6  | 577.484 | 551.337  |
| 13) T                       | 2,4-DB       | 9.682  | 10.471 | 1557.0E6  | 481.5E6   | 596.588 | 485.190  |
| 14) T                       | DINOSEB      | 10.842 | 10.844 | 6428.0E6  | 3638.5E6  | 562.070 | 532.563  |
| 15) T                       | Picloram     | 10.663 | 11.880 | 11845.8E6 | 6921.3E6  | 553.878 | 491.807m |
| 16) T                       | DCPA         | 11.143 | 11.876 | 11534.7E6 | 7115.4E6  | 579.300 | 526.655m |
| -----                       |              |        |        |           |           |         |          |

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

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Acq On : 23 May 2025 11:51  
Operator : AR\AJ  
Sample : PB168133BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

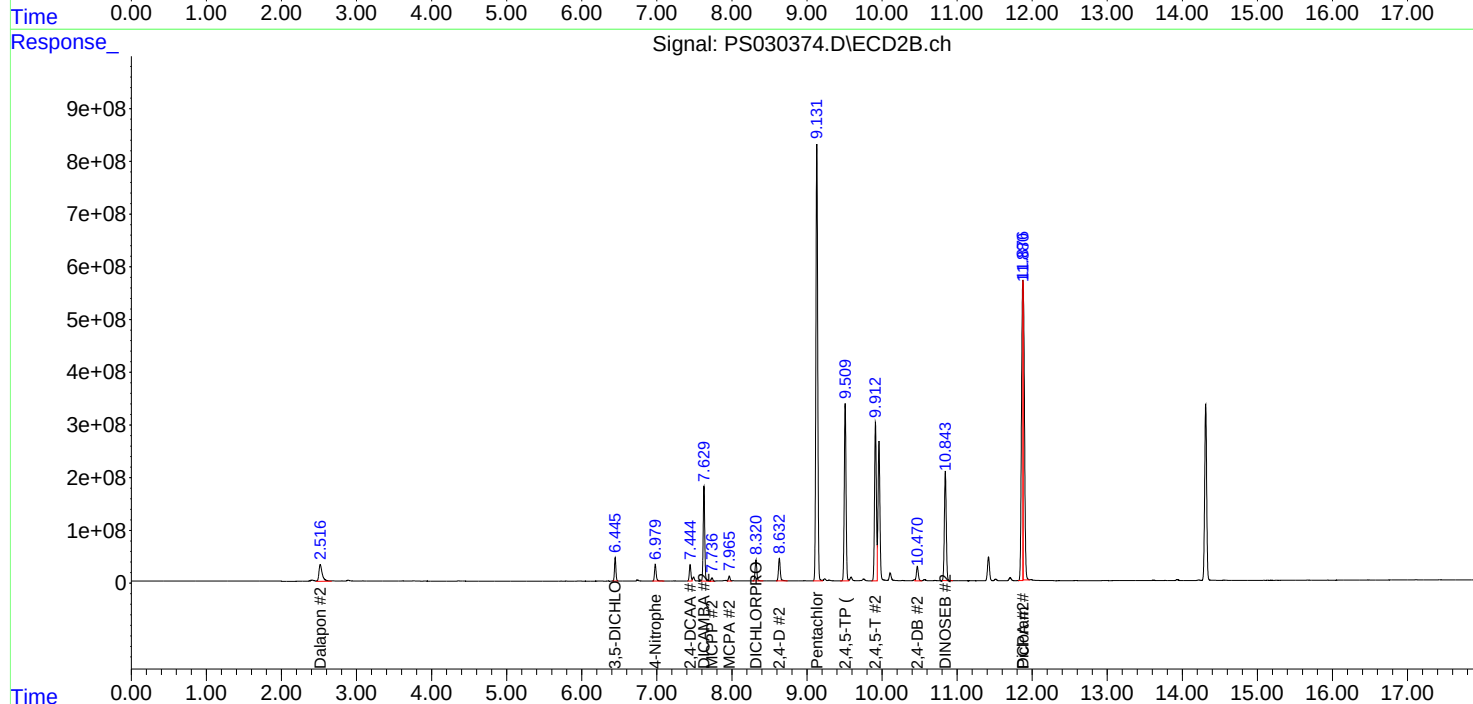
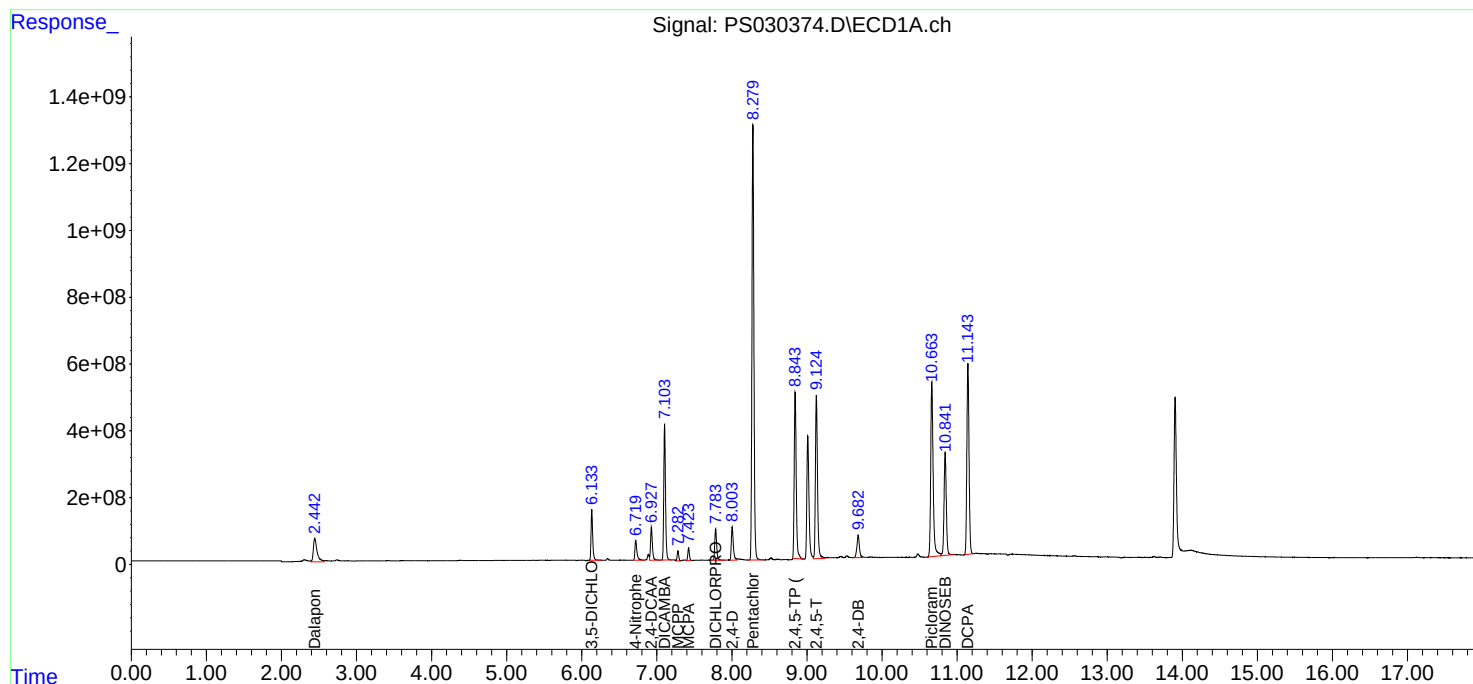
Instrument :  
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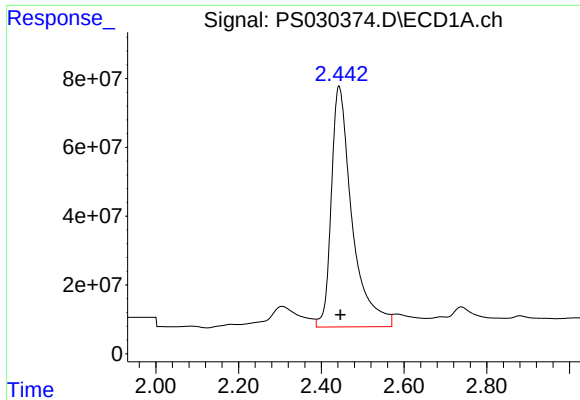
Manual Integrations  
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Supervised By : mohammad ahmed 05/28/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 23 13:19:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS051225.M  
Quant Title : 8080.M  
QLast Update : Mon May 12 14:29:24 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





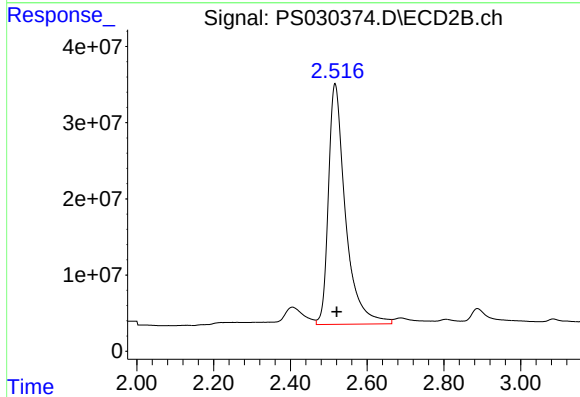
#1 Dalapon

R.T.: 2.443 min  
Delta R.T.: -0.003 min  
Response: 2437092096  
Conc: 495.81 ng/ml

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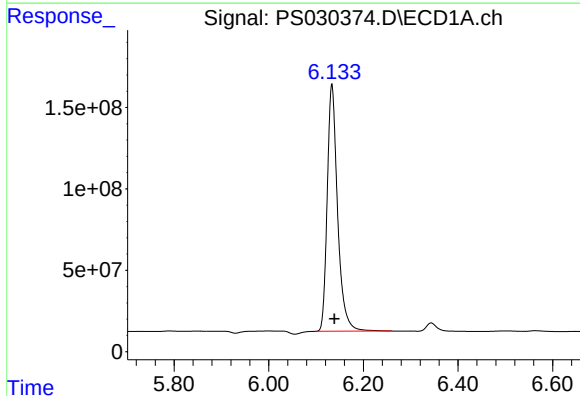
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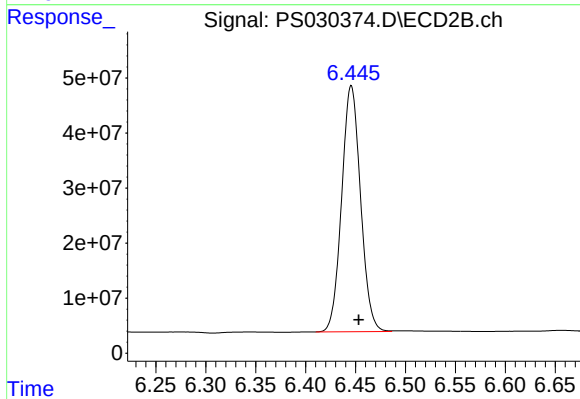
#1 Dalapon

R.T.: 2.516 min  
Delta R.T.: -0.004 min  
Response: 974056219  
Conc: 479.58 ng/ml



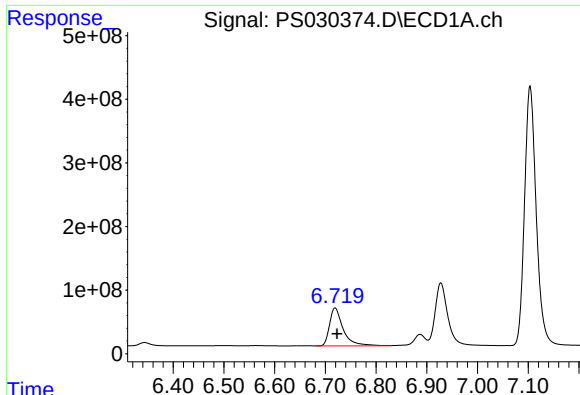
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.134 min  
Delta R.T.: -0.005 min  
Response: 2304947397  
Conc: 552.67 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.446 min  
Delta R.T.: -0.007 min  
Response: 588381212  
Conc: 504.69 ng/ml



#3 4-Nitrophenol

R.T.: 6.719 min  
Delta R.T.: -0.004 min  
Response: 1114220602  
Conc: 539.41 ng/ml

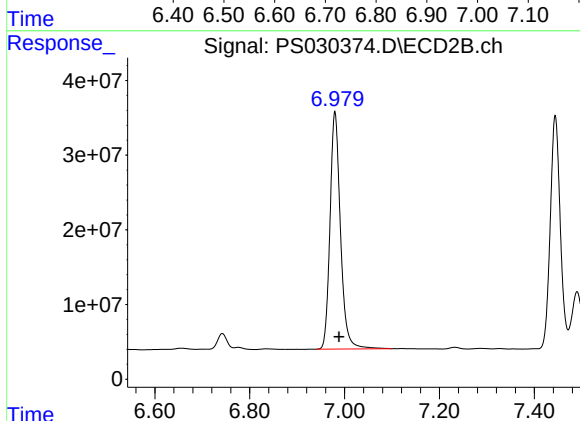
Instrument :

ECD\_S

ClientSampleId :  
PB168133BS

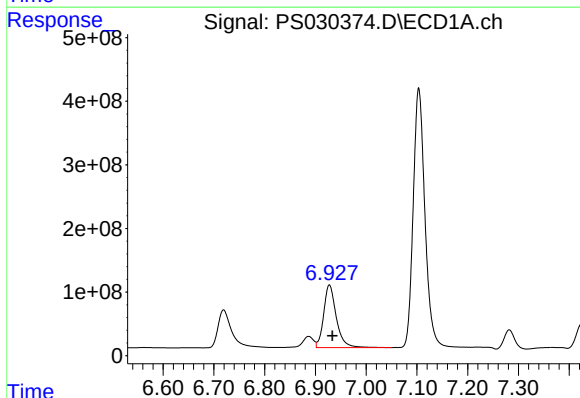
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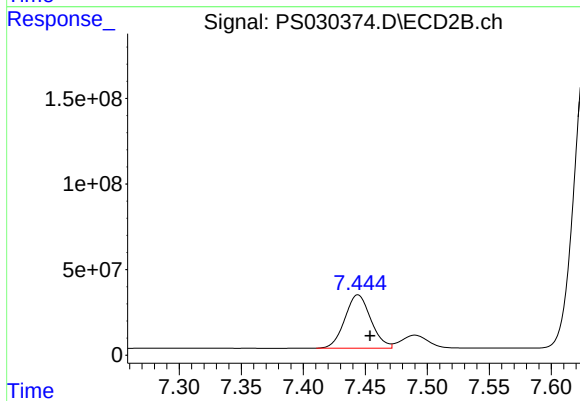
#3 4-Nitrophenol

R.T.: 6.980 min  
Delta R.T.: -0.009 min  
Response: 485742972  
Conc: 465.26 ng/ml



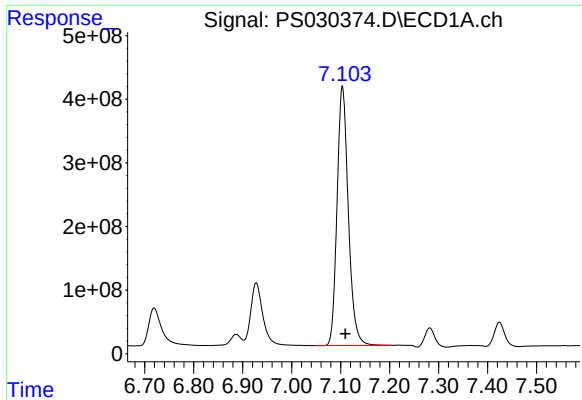
#4 2,4-DCAA

R.T.: 6.928 min  
Delta R.T.: -0.006 min  
Response: 1701490597  
Conc: 597.47 ng/ml



#4 2,4-DCAA

R.T.: 7.444 min  
Delta R.T.: -0.010 min  
Response: 454398302  
Conc: 567.85 ng/ml



#5 DICAMBA

R.T.: 7.104 min  
Delta R.T.: -0.006 min  
Response: 6511379215  
Conc: 563.40 ng/ml

Instrument :

ECD\_S

ClientSampleId :

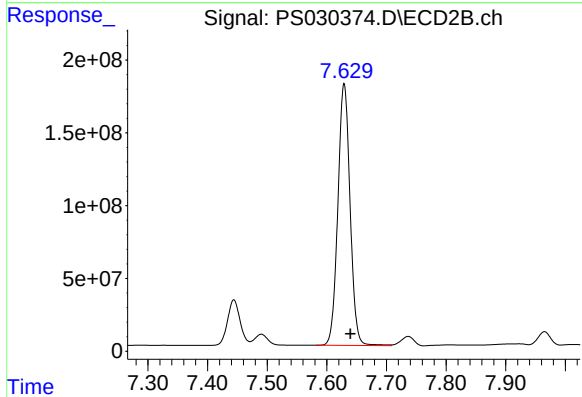
PB168133BS

Manual Integrations

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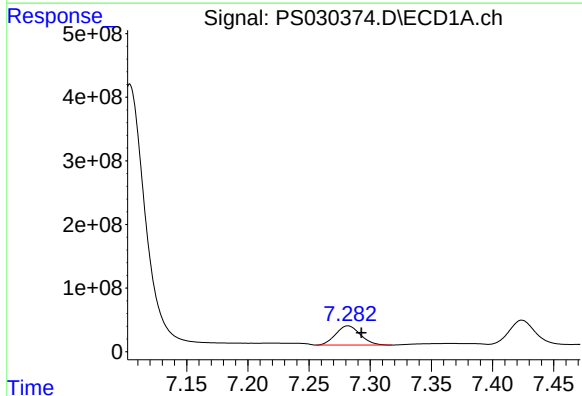
Reviewed By :Abdul Mirza 05/27/2025

Supervised By :mohammad ahmed 05/28/2025



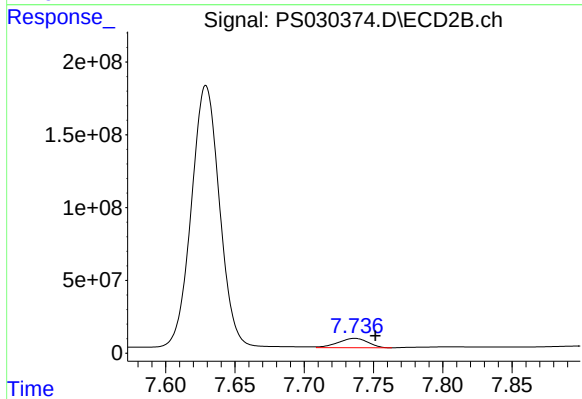
#5 DICAMBA

R.T.: 7.629 min  
Delta R.T.: -0.011 min  
Response: 2553904459  
Conc: 540.17 ng/ml



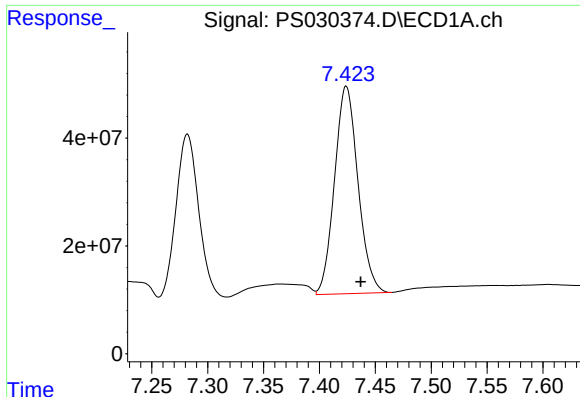
#6 MCP

R.T.: 7.282 min  
Delta R.T.: -0.011 min  
Response: 420587899  
Conc: 57.75 ug/ml



#6 MCP

R.T.: 7.736 min  
Delta R.T.: -0.015 min  
Response: 97173518  
Conc: 52.82 ug/ml



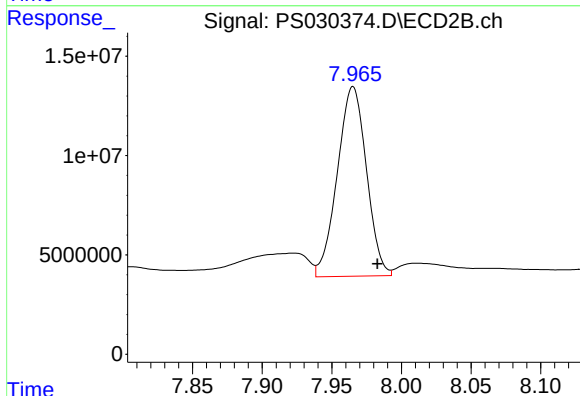
#7 MCPA

R.T.: 7.424 min  
Delta R.T.: -0.013 min  
Response: 561748368  
Conc: 54.11 ug/ml

Instrument :  
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ClientSampleId :  
PB168133BS

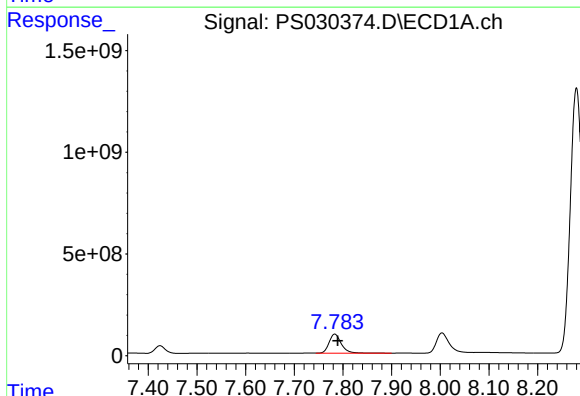
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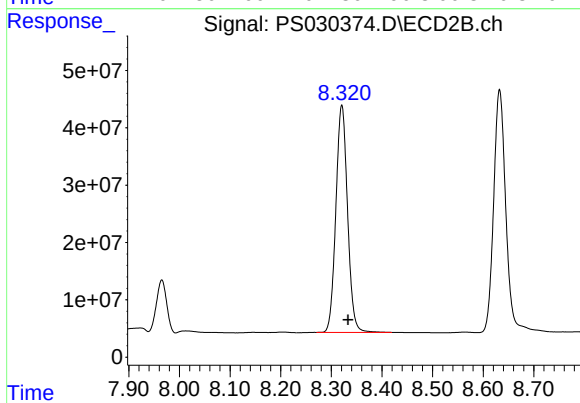
#7 MCPA

R.T.: 7.965 min  
Delta R.T.: -0.017 min  
Response: 138918021  
Conc: 52.67 ug/ml



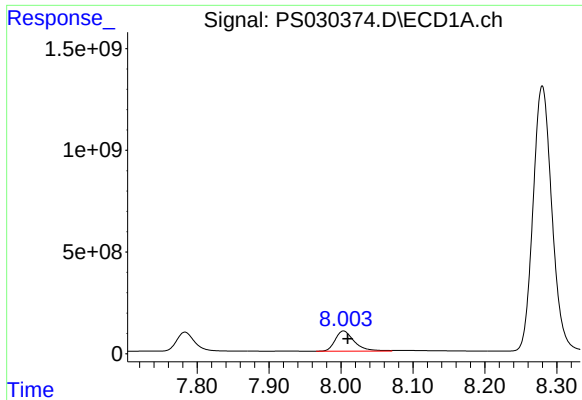
#8 DICHLORPROP

R.T.: 7.783 min  
Delta R.T.: -0.006 min  
Response: 1637259861  
Conc: 560.45 ng/ml



#8 DICHLORPROP

R.T.: 8.321 min  
Delta R.T.: -0.012 min  
Response: 634325841  
Conc: 536.91 ng/ml



#9 2,4-D

R.T.: 8.004 min  
Delta R.T.: -0.006 min  
Response: 1846230089  
Conc: 563.06 ng/ml

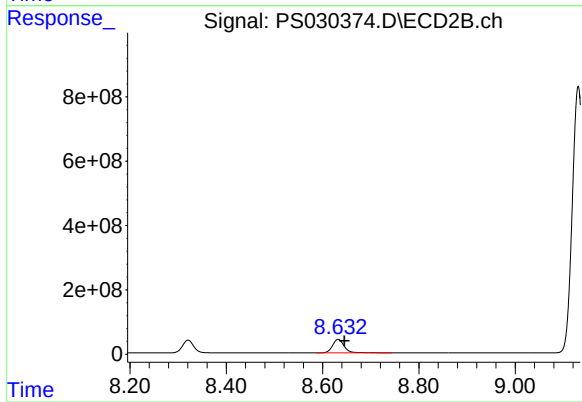
Instrument :

ECD\_S

ClientSampleId :  
PB168133BS

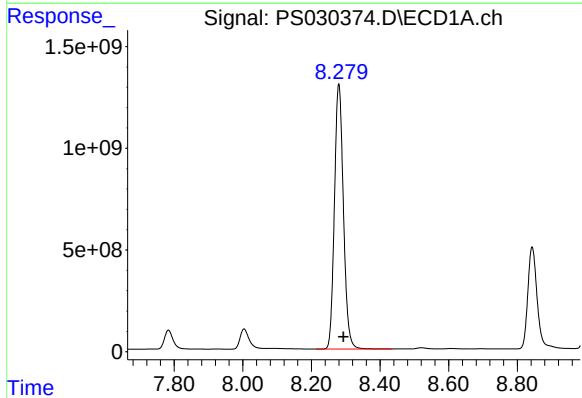
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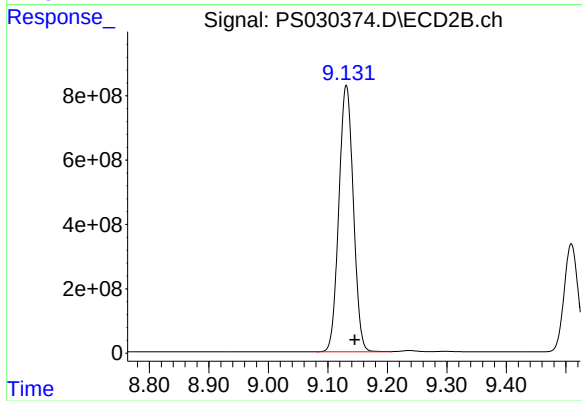
#9 2,4-D

R.T.: 8.632 min  
Delta R.T.: -0.013 min  
Response: 710584185  
Conc: 550.63 ng/ml



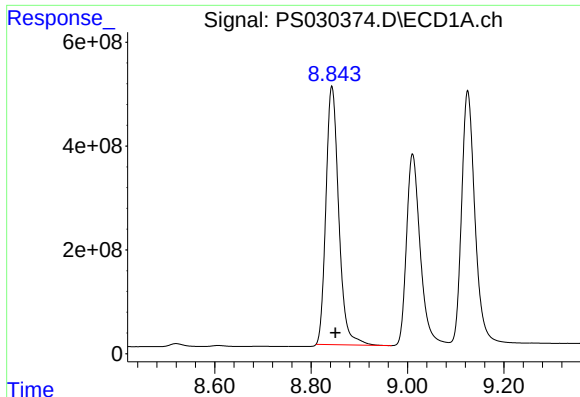
#10 Pentachlorophenol

R.T.: 8.280 min  
Delta R.T.: -0.013 min  
Response: 23683672342  
Conc: 584.77 ng/ml



#10 Pentachlorophenol

R.T.: 9.131 min  
Delta R.T.: -0.014 min  
Response: 13992768396  
Conc: 566.85 ng/ml



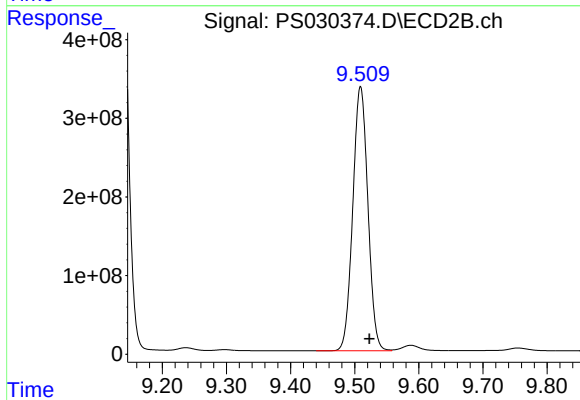
#11 2,4,5-TP (SILVEX)

R.T.: 8.843 min  
Delta R.T.: -0.007 min  
Response: 9190341010  
Conc: 567.45 ng/ml

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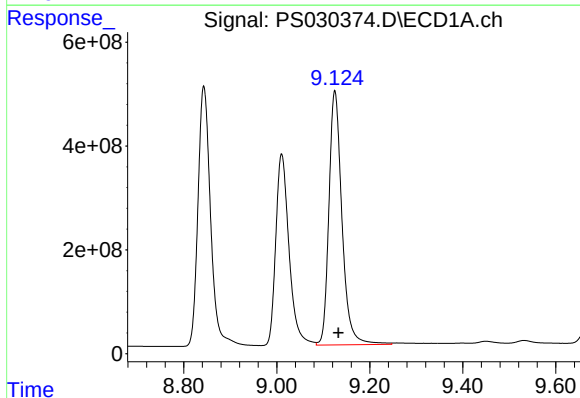
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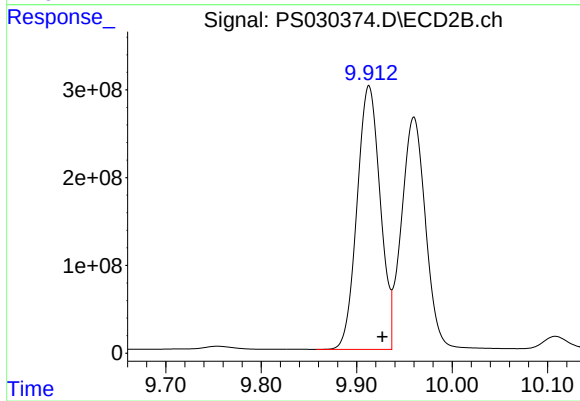
#11 2,4,5-TP (SILVEX)

R.T.: 9.509 min  
Delta R.T.: -0.014 min  
Response: 5498017866  
Conc: 558.15 ng/ml



#12 2,4,5-T

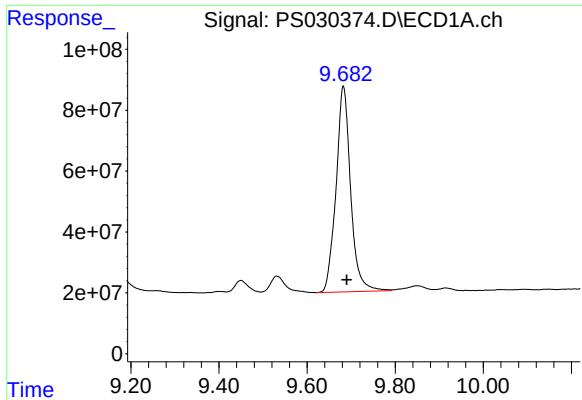
R.T.: 9.125 min  
Delta R.T.: -0.008 min  
Response: 9537250945  
Conc: 577.48 ng/ml



#12 2,4,5-T

R.T.: 9.913 min  
Delta R.T.: -0.014 min  
Response: 5074288864  
Conc: 551.34 ng/ml





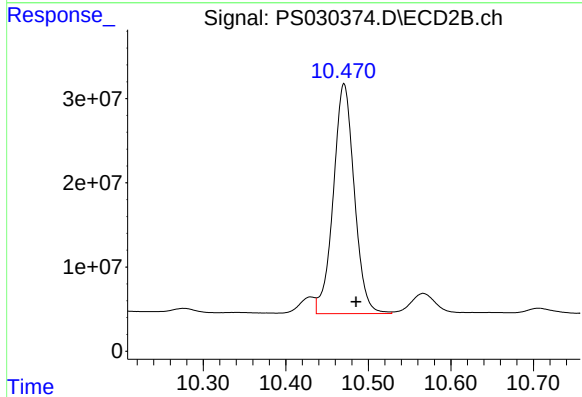
#13 2,4-DB

R.T.: 9.682 min  
Delta R.T.: -0.008 min  
Response: 1556959806  
Conc: 596.59 ng/ml

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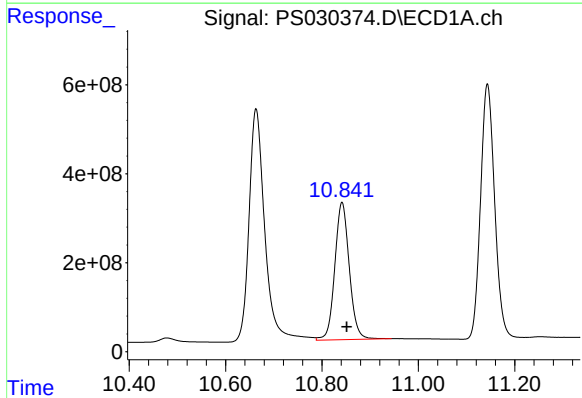
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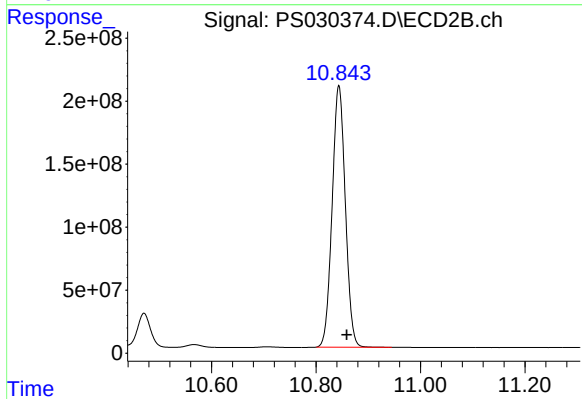
#13 2,4-DB

R.T.: 10.471 min  
Delta R.T.: -0.014 min  
Response: 481489372  
Conc: 485.19 ng/ml



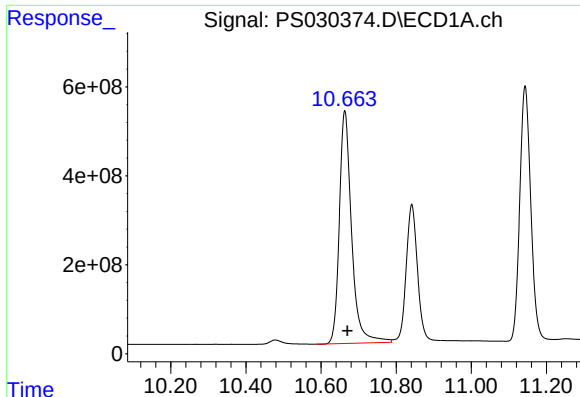
#14 DINOSEB

R.T.: 10.842 min  
Delta R.T.: -0.010 min  
Response: 6428036890  
Conc: 562.07 ng/ml



#14 DINOSEB

R.T.: 10.844 min  
Delta R.T.: -0.015 min  
Response: 3638462293  
Conc: 532.56 ng/ml



#15 Picloram

R.T.: 10.663 min  
Delta R.T.: -0.007 min  
Response: 11845776099  
Conc: 553.88 ng/ml

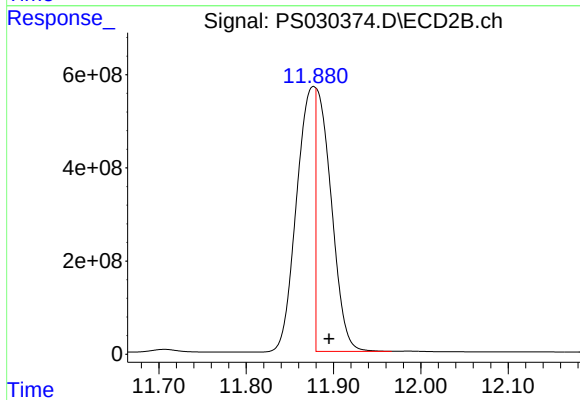
Instrument :

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PB168133BS

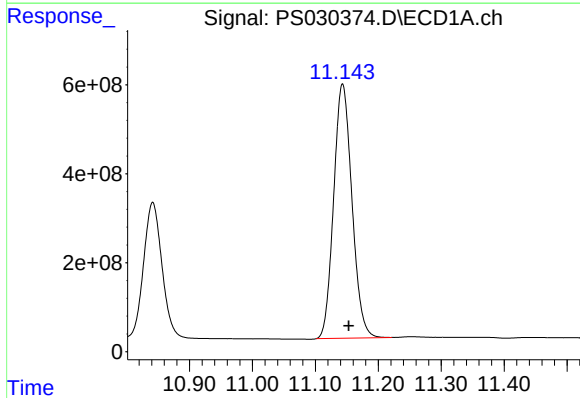
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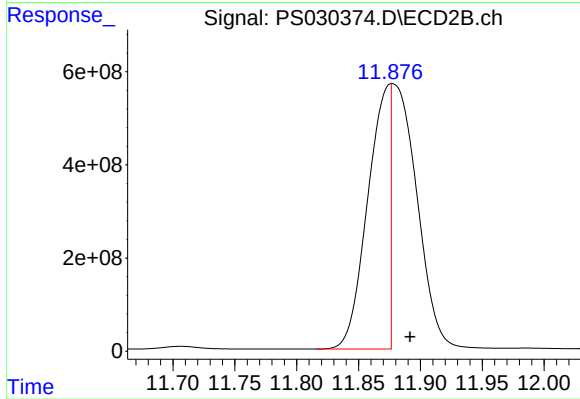
#15 Picloram

R.T.: 11.880 min  
Delta R.T.: -0.015 min  
Response: 6921253950  
Conc: 491.81 ng/ml m



#16 DCPA

R.T.: 11.143 min  
Delta R.T.: -0.009 min  
Response: 11534733894  
Conc: 579.30 ng/ml



#16 DCPA

R.T.: 11.876 min  
Delta R.T.: -0.016 min  
Response: 7115383444  
Conc: 526.66 ng/ml m