

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS042924\  
 Data File : PS026575.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2024 22:11  
 Operator : AR\AJ  
 Sample : PB160572BS (Sig #1); PB160572BL (Sig #2)  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PB160572BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 04/30/2024  
 Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 04:31:00 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS042924.M  
 Quant Title : 8080.M  
 QLast Update : Mon Apr 29 15:59:36 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 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     | 7.295  | 7.796  | 1330.3E6  | 873.2E6   | 537.679  | 518.600   |
| Target Compounds            |              |        |        |           |           |          |           |
| 1) T                        | Dalapon      | 2.673  | 2.719  | 2248.2E6  | 1575.0E6  | 601.709  | 554.411   |
| 2) T                        | 3,5-DICHL... | 6.458  | 6.740  | 1826.6E6  | 1316.4E6  | 544.227  | 545.947   |
| 3) T                        | 4-Nitroph... | 7.097  | 7.320  | 793.4E6   | 559.6E6   | 489.345  | 489.387   |
| 5) T                        | DICAMBA      | 7.484  | 7.998  | 5113.7E6  | 3866.6E6  | 504.306  | 521.326   |
| 6) T                        | MCP          | 7.664  | 8.098  | 388.5E6   | 290.9E6   | 52.197   | 54.708    |
| 7) T                        | MCPA         | 7.814  | 8.343  | 531.6E6   | 454.8E6   | 48.604   | 57.867    |
| 8) T                        | DICHLORPROP  | 8.192  | 8.714  | 1602.7E6  | 1047.2E6  | 537.010  | 538.792   |
| 9) T                        | 2,4-D        | 8.424  | 9.046  | 2013.2E6  | 1248.7E6  | 608.533  | 600.851   |
| 10) T                       | Pentachlo... | 8.723  | 9.578  | 23451.2E6 | 15173.5E6 | 572.565  | 562.929   |
| 11) T                       | 2,4,5-TP ... | 9.305  | 9.953  | 9807.4E6  | 6434.4E6  | 573.131  | 582.705m  |
| 12) T                       | 2,4,5-T      | 9.604  | 10.374 | 9280.6E6  | 5702.9E6  | 520.074  | 521.606   |
| 13) T                       | 2,4-DB       | 10.175 | 10.940 | 1150.4E6  | 741.7E6   | 446.810  | 515.063m  |
| 14) T                       | DINOSEB      | 11.389 | 11.319 | 5616.1E6  | 4281.2E6  | 504.062m | 581.991   |
| 15) T                       | Picloram     | 11.196 | 12.418 | 10479.2E6 | 7977.2E6  | 440.253m | 492.955   |
| 16) T                       | DCPA         | 11.680 | 12.363 | 8714.9E6  | 7475.1E6  | 444.366  | 566.282 # |
| -----                       |              |        |        |           |           |          |           |

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

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Misc :  
ALS Vial : 14 Sample Multiplier: 1

## Instrument :

ECD\_S

## ClientSampleId :

PB160572BS

## Manual Integrations

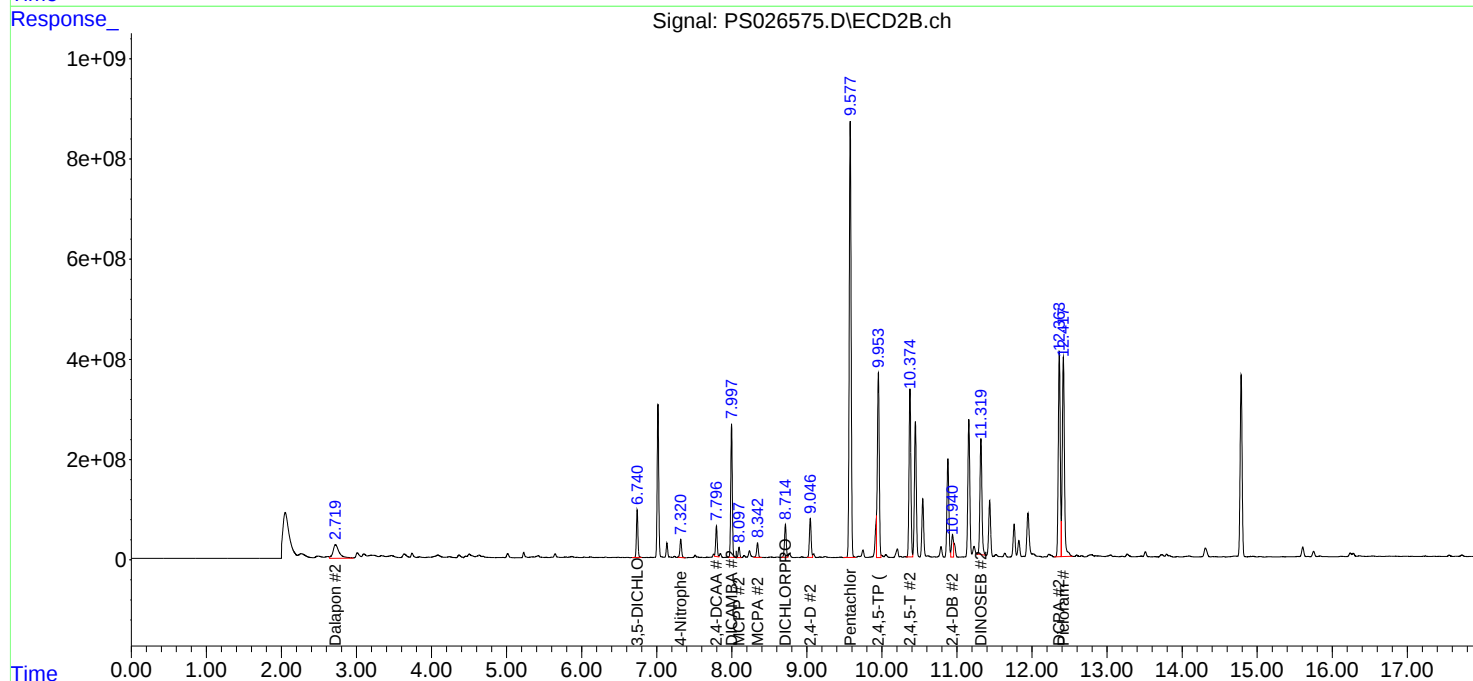
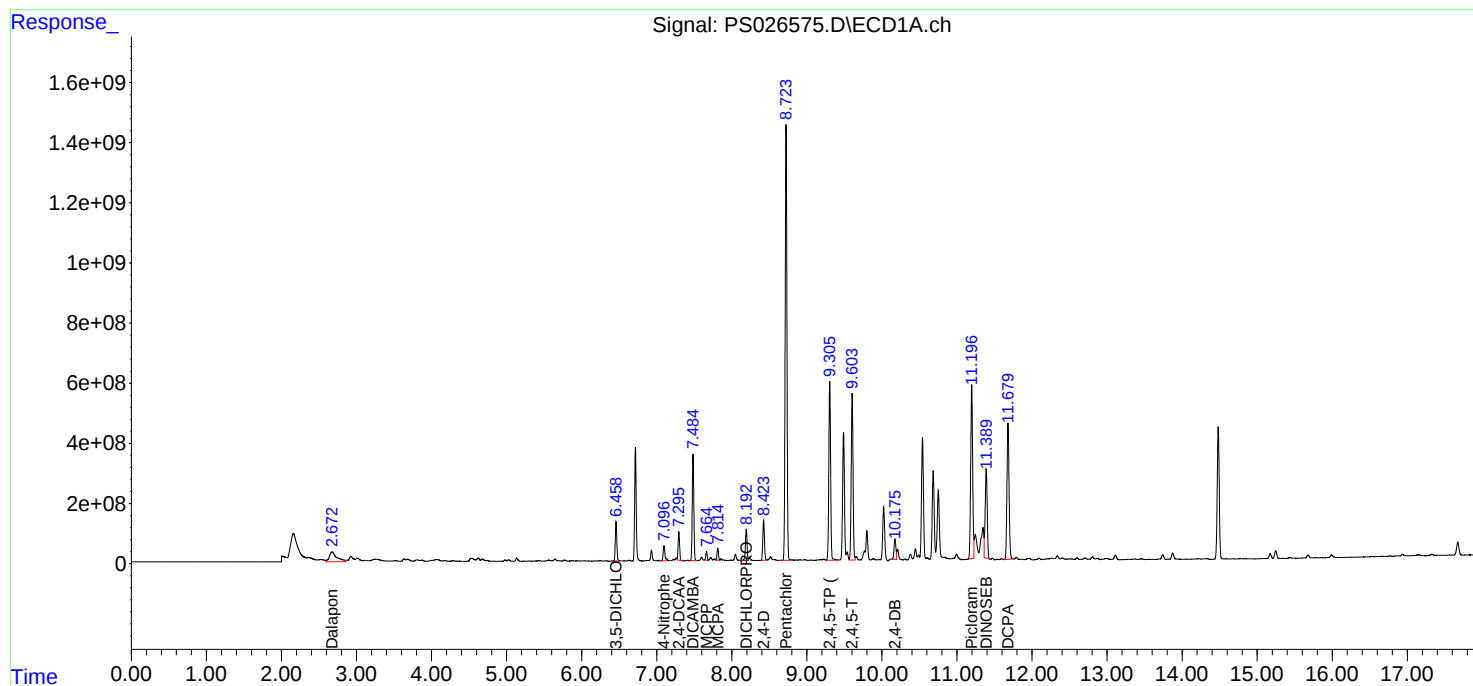
## APPROVED

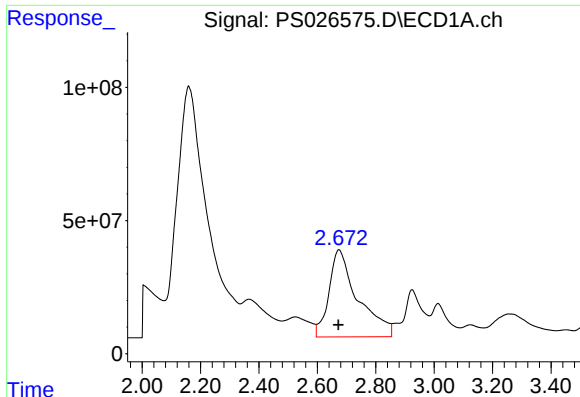
Reviewed By :Abdul Mirza 04/30/2024

Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS042924.M  
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QLast Update : Mon Apr 29 15:59:36 2024  
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Volume Inj. : 2 µl  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





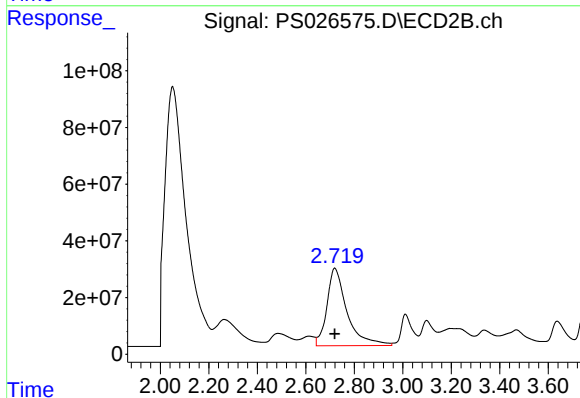
#1 Dalapon

R.T.: 2.673 min  
Delta R.T.: 0.001 min  
Response: 2248225108  
Conc: 601.71 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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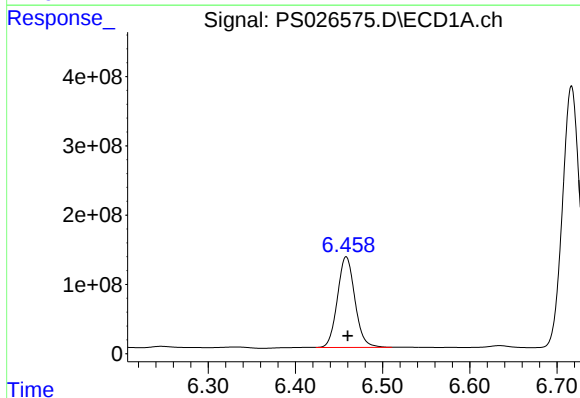
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/30/2024  
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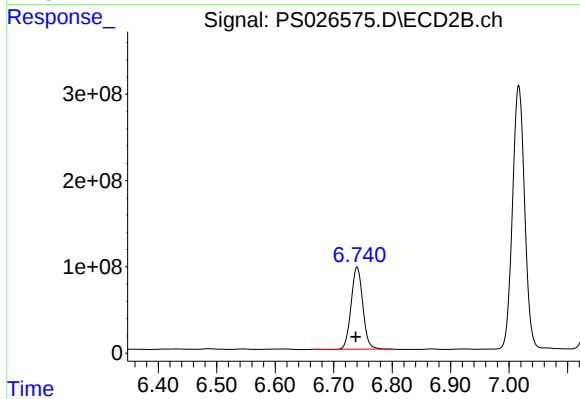
#1 Dalapon

R.T.: 2.719 min  
Delta R.T.: 0.000 min  
Response: 1575033143  
Conc: 554.41 ng/ml



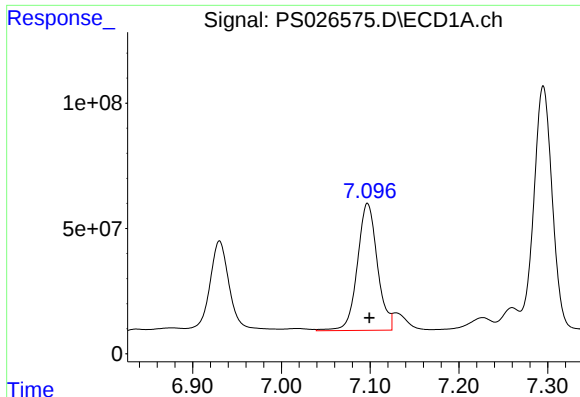
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.458 min  
Delta R.T.: -0.002 min  
Response: 1826588982  
Conc: 544.23 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.740 min  
Delta R.T.: 0.002 min  
Response: 1316410022  
Conc: 545.95 ng/ml



#3 4-Nitrophenol

R.T.: 7.097 min  
Delta R.T.: -0.002 min  
Response: 793402679  
Conc: 489.35 ng/ml

Instrument :

ECD\_S

ClientSampleId :

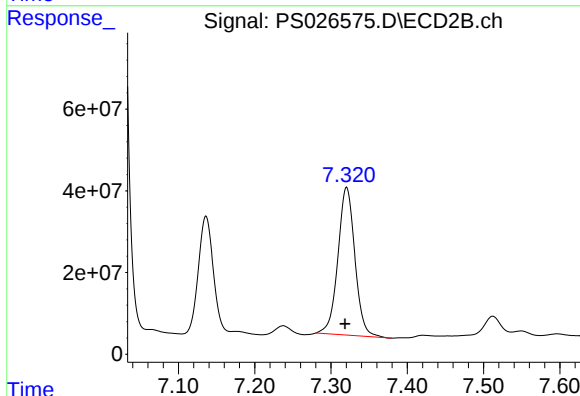
PB160572BS

Manual Integrations

APPROVED

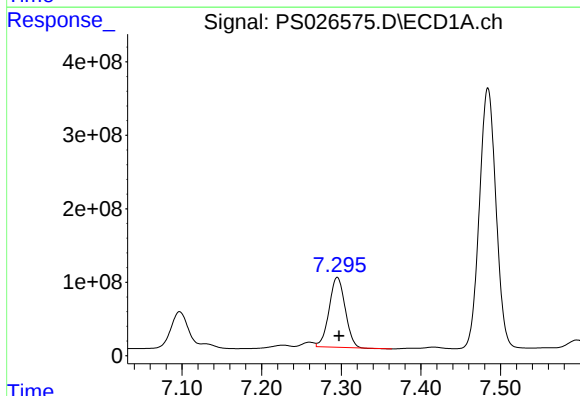
Reviewed By :Abdul Mirza 04/30/2024

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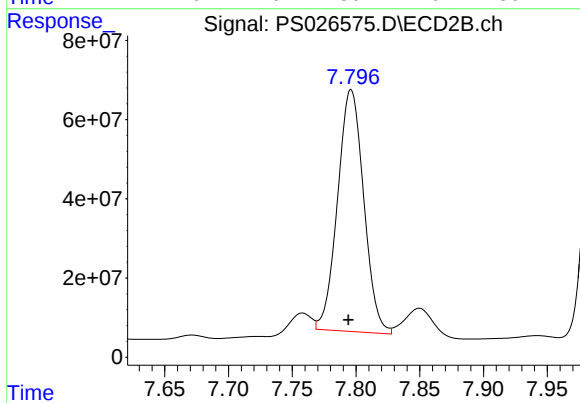
#3 4-Nitrophenol

R.T.: 7.320 min  
Delta R.T.: 0.002 min  
Response: 559551208  
Conc: 489.39 ng/ml



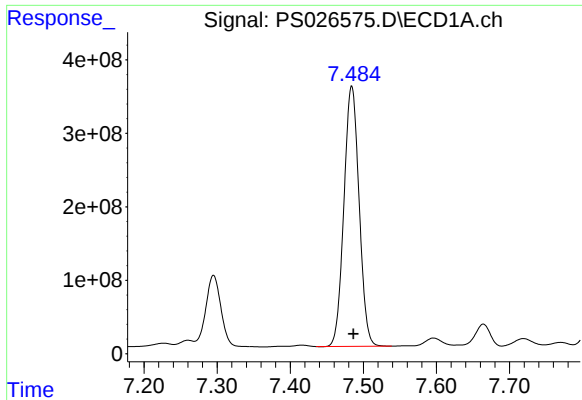
#4 2,4-DCAA

R.T.: 7.295 min  
Delta R.T.: -0.002 min  
Response: 1330261661  
Conc: 537.68 ng/ml



#4 2,4-DCAA

R.T.: 7.796 min  
Delta R.T.: 0.002 min  
Response: 873227540  
Conc: 518.60 ng/ml



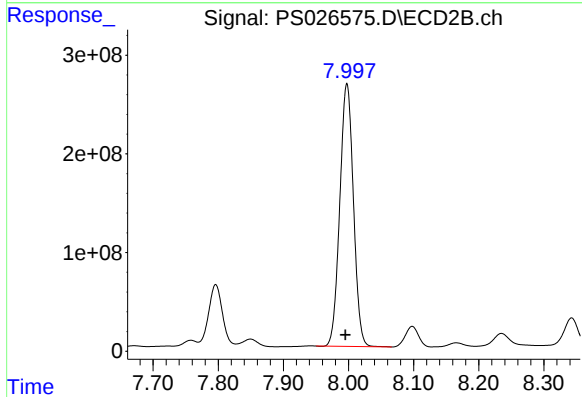
#5 DICAMBA

R.T.: 7.484 min  
Delta R.T.: -0.002 min  
Response: 5113687050  
Conc: 504.31 ng/ml

Instrument :  
ECD\_S  
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PB160572BS

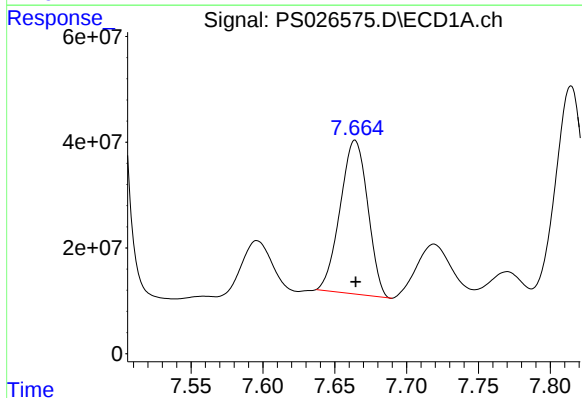
Manual Integrations  
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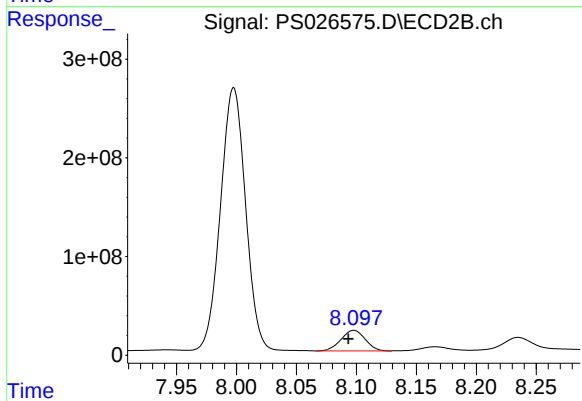
#5 DICAMBA

R.T.: 7.998 min  
Delta R.T.: 0.002 min  
Response: 3866630623  
Conc: 521.33 ng/ml



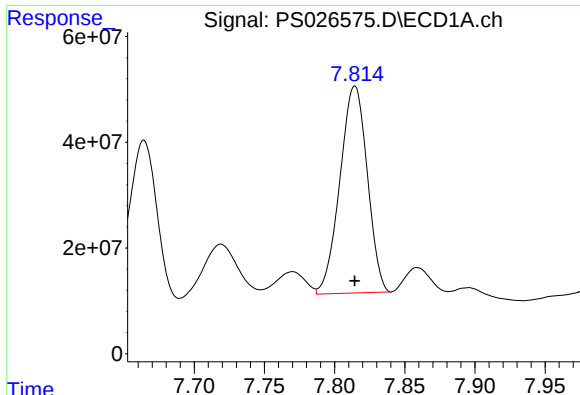
#6 MCP

R.T.: 7.664 min  
Delta R.T.: 0.000 min  
Response: 388457378  
Conc: 52.20 ug/ml



#6 MCP

R.T.: 8.098 min  
Delta R.T.: 0.005 min  
Response: 290922775  
Conc: 54.71 ug/ml



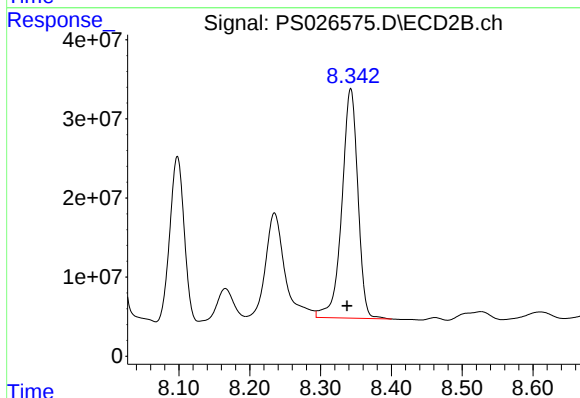
#7 MCPA

R.T.: 7.814 min  
Delta R.T.: 0.000 min  
Response: 531623864  
Conc: 48.60 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB160572BS

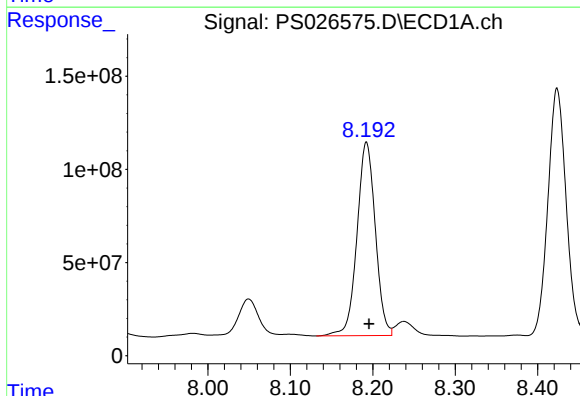
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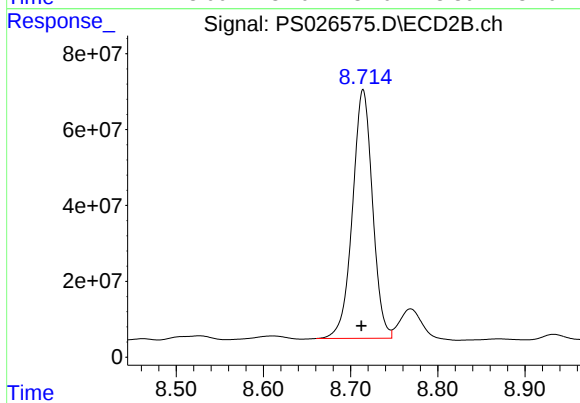
#7 MCPA

R.T.: 8.343 min  
Delta R.T.: 0.005 min  
Response: 454792659  
Conc: 57.87 ug/ml



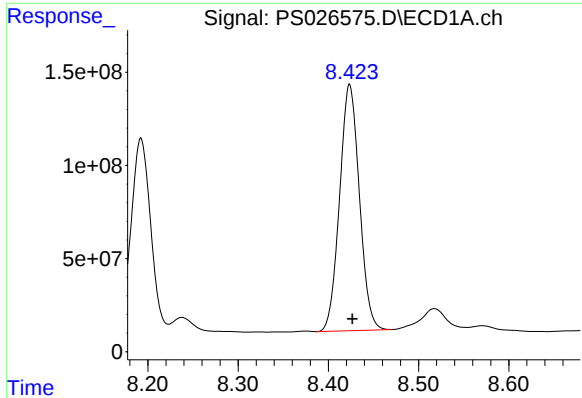
#8 DICHLORPROP

R.T.: 8.192 min  
Delta R.T.: -0.003 min  
Response: 1602720887  
Conc: 537.01 ng/ml



#8 DICHLORPROP

R.T.: 8.714 min  
Delta R.T.: 0.002 min  
Response: 1047233155  
Conc: 538.79 ng/ml



#9 2,4-D

R.T.: 8.424 min  
Delta R.T.: -0.003 min  
Response: 2013245697  
Conc: 608.53 ng/ml

Instrument :

ECD\_S

ClientSampleId :

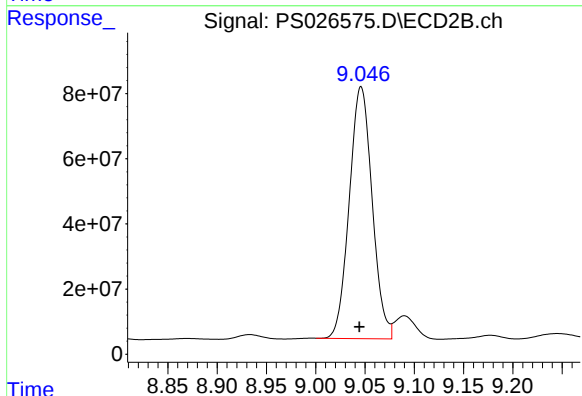
PB160572BS

Manual Integrations

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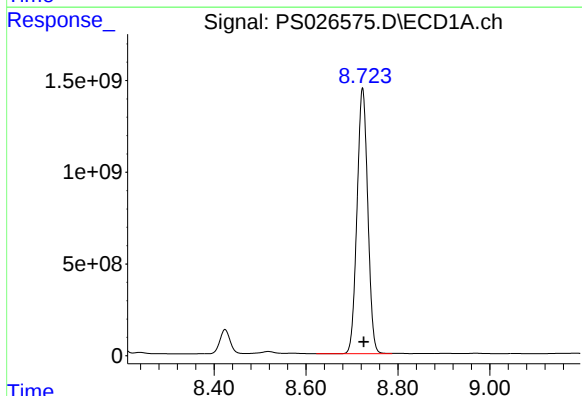
Reviewed By :Abdul Mirza 04/30/2024

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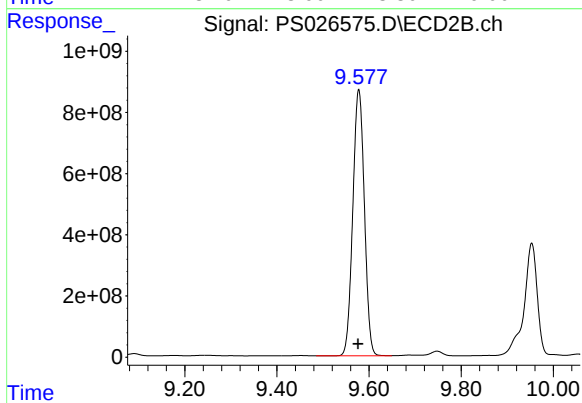
#9 2,4-D

R.T.: 9.046 min  
Delta R.T.: 0.002 min  
Response: 1248710944  
Conc: 600.85 ng/ml



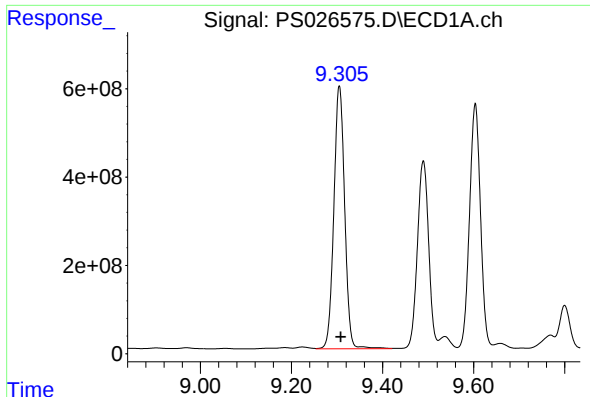
#10 Pentachlorophenol

R.T.: 8.723 min  
Delta R.T.: -0.003 min  
Response: 23451177817  
Conc: 572.57 ng/ml



#10 Pentachlorophenol

R.T.: 9.578 min  
Delta R.T.: 0.002 min  
Response: 15173490508  
Conc: 562.93 ng/ml



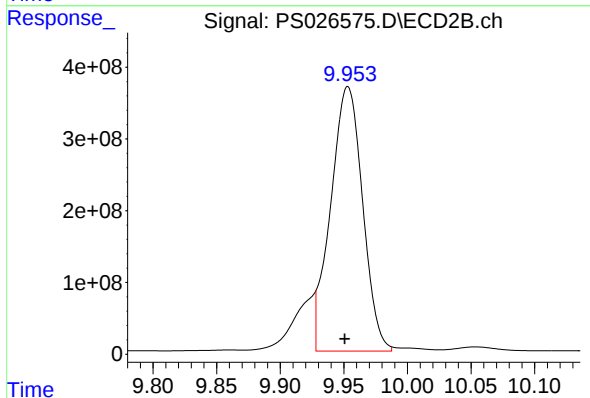
#11 2,4,5-TP (SILVEX)

R.T.: 9.305 min  
Delta R.T.: -0.003 min  
Response: 9807361173  
Conc: 573.13 ng/ml

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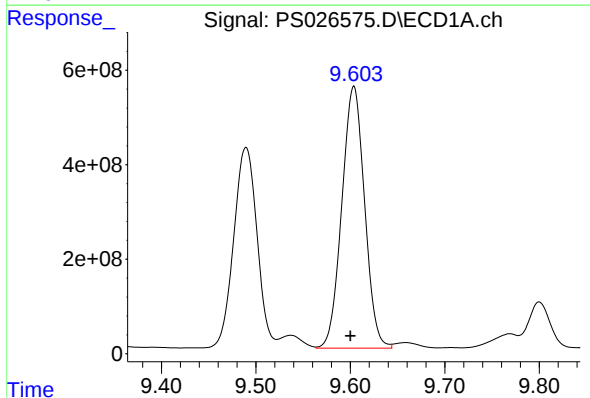
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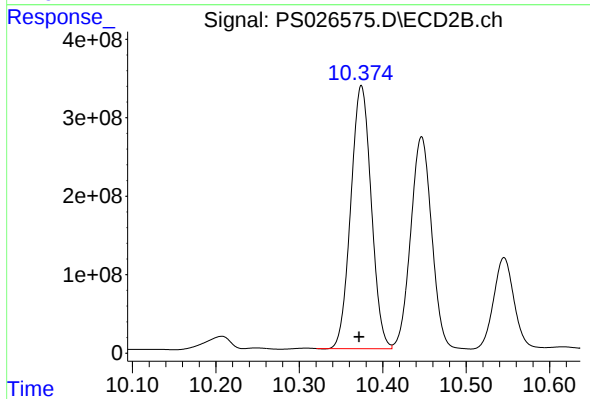
#11 2,4,5-TP (SILVEX)

R.T.: 9.953 min  
Delta R.T.: 0.002 min  
Response: 6434413124  
Conc: 582.71 ng/ml m



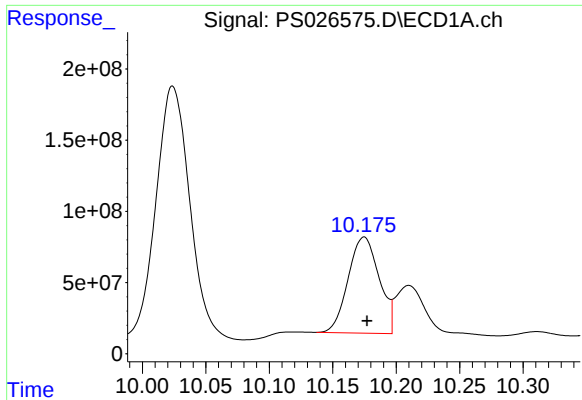
#12 2,4,5-T

R.T.: 9.604 min  
Delta R.T.: 0.004 min  
Response: 9280579465  
Conc: 520.07 ng/ml



#12 2,4,5-T

R.T.: 10.374 min  
Delta R.T.: 0.003 min  
Response: 5702880358  
Conc: 521.61 ng/ml



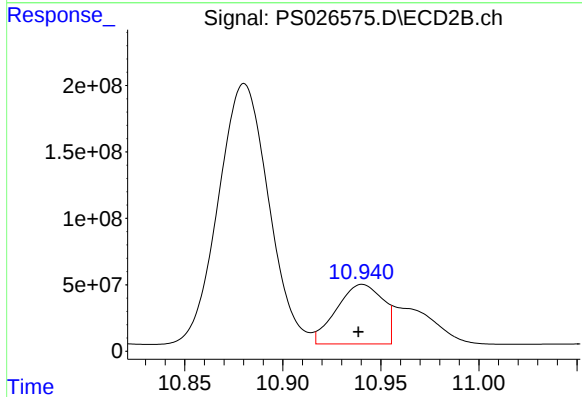
#13 2,4-DB

R.T.: 10.175 min  
Delta R.T.: -0.002 min  
Response: 1150438389  
Conc: 446.81 ng/ml

Instrument :  
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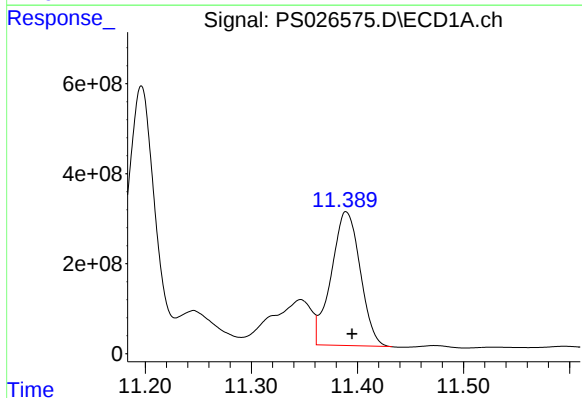
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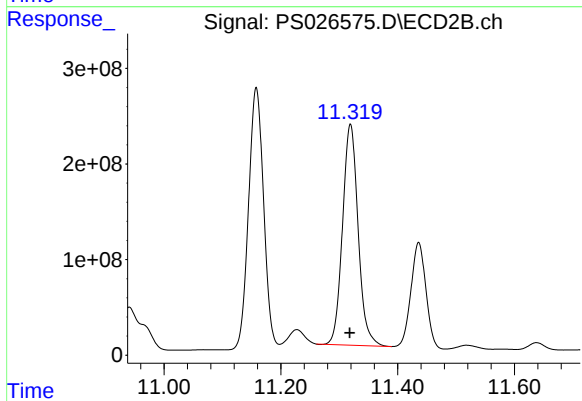
#13 2,4-DB

R.T.: 10.940 min  
Delta R.T.: 0.002 min  
Response: 741676056  
Conc: 515.06 ng/ml m



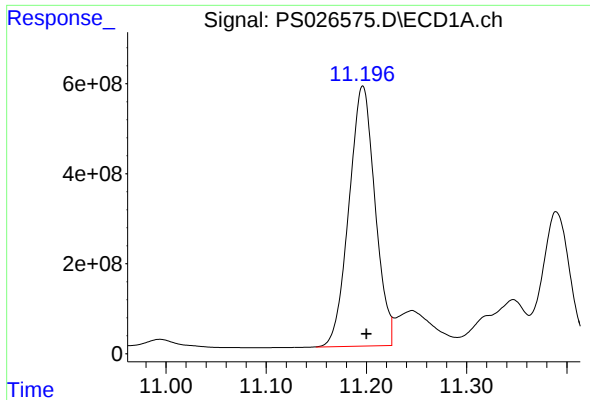
#14 DINOSEB

R.T.: 11.389 min  
Delta R.T.: -0.006 min  
Response: 5616079538  
Conc: 504.06 ng/ml m



#14 DINOSEB

R.T.: 11.319 min  
Delta R.T.: 0.001 min  
Response: 4281241035  
Conc: 581.99 ng/ml



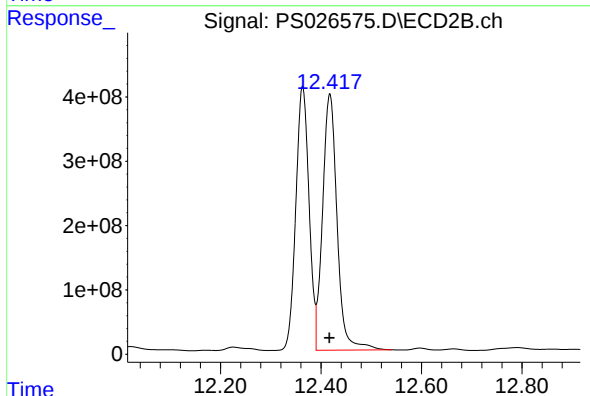
#15 Picloram

R.T.: 11.196 min  
Delta R.T.: -0.004 min  
Response: 10479160758  
Conc: 440.25 ng/ml

Instrument :  
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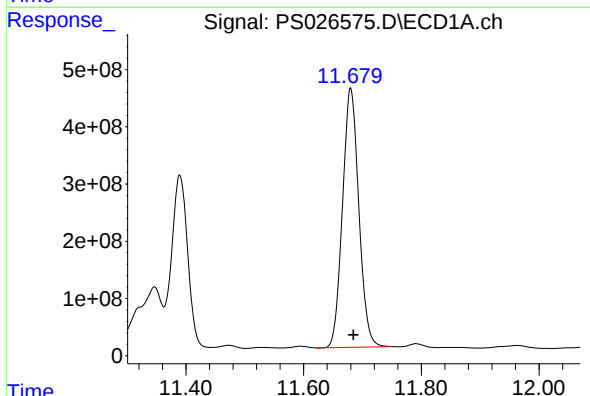
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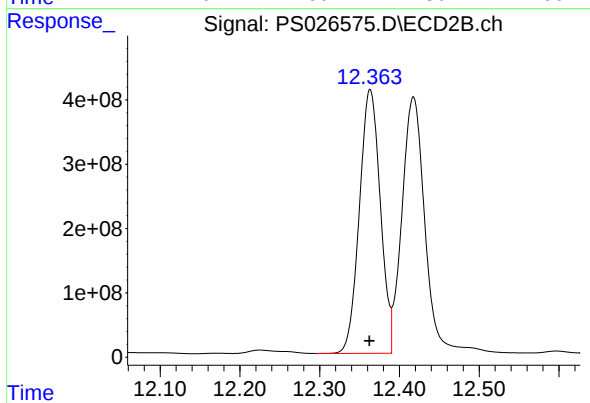
#15 Picloram

R.T.: 12.418 min  
Delta R.T.: 0.000 min  
Response: 7977243274  
Conc: 492.96 ng/ml



#16 DCPA

R.T.: 11.680 min  
Delta R.T.: -0.004 min  
Response: 8714900475  
Conc: 444.37 ng/ml



#16 DCPA

R.T.: 12.363 min  
Delta R.T.: 0.001 min  
Response: 7475114844  
Conc: 566.28 ng/ml