

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS011124\  
 Data File : PS025495.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Jan 2024 01:13  
 Operator : AR\AJ  
 Sample : P1015-03MS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 MR-301P-25-27MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 01/12/2024  
 Supervised By :Ankita Jodhani 01/12/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 12 01:50:52 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS011124.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jan 11 16:45:24 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     | 6.349  | 6.760  | 568.4E6  | 283.9E6  | 381.581m | 369.769m  |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 2.468  | 2.526  | 722.3E6  | 342.1E6  | 312.122m | 291.165m  |
| 2) T                        | 3,5-DICHL... | 5.727  | 5.953  | 588.0E6  | 294.8E6  | 256.924  | 253.196   |
| 3) T                        | 4-Nitroph... | 6.191  | 6.378  | 270.8E6  | 144.9E6  | 299.630  | 304.311m  |
| 5) T                        | DICAMBA      | 6.490  | 6.919  | 1895.3E6 | 959.8E6  | 297.014  | 288.401   |
| 6) T                        | MCPD         | 6.638  | 7.014  | 89062667 | 58277479 | 22.243m  | 25.122    |
| 7) T                        | MCPA         | 6.760  | 7.219  | 178.1E6  | 113.0E6  | 31.466   | 32.611    |
| 8) T                        | DICHLORPROP  | 7.076  | 7.533  | 470.3E6  | 274.3E6  | 285.394  | 317.359   |
| 9) T                        | 2,4-D        | 7.275  | 7.815  | 656.7E6  | 359.9E6  | 356.616m | 396.220   |
| 10) T                       | Pentachlo... | 7.501  | 8.235  | 5514.0E6 | 2835.2E6 | 230.417  | 230.509   |
| 11) T                       | 2,4,5-TP ... | 8.022  | 8.593  | 2142.5E6 | 1289.3E6 | 230.529m | 273.115m  |
| 12) T                       | 2,4,5-T      | 8.278  | 8.965  | 2619.6E6 | 1257.0E6 | 268.302m | 287.601   |
| 13) T                       | 2,4-DB       | 8.789  | 9.467  | 452.0E6  | 144.6E6  | 419.922  | 276.905m# |
| 14) T                       | DINOSEB      | 9.831  | 9.795  | 455.0E6  | 223.0E6  | 66.345m  | 70.918    |
| 15) T                       | Picloram     | 9.666  | 10.746 | 2935.2E6 | 1393.9E6 | 283.704  | 262.169   |
| 16) T                       | DCPA         | 10.097 | 10.714 | 4771.9E6 | 1976.5E6 | 393.431  | 339.932   |
| -----                       |              |        |        |          |          |          |           |

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

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Acq On : 12 Jan 2024 01:13  
Operator : AR\AJ  
Sample : P1015-03MS  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

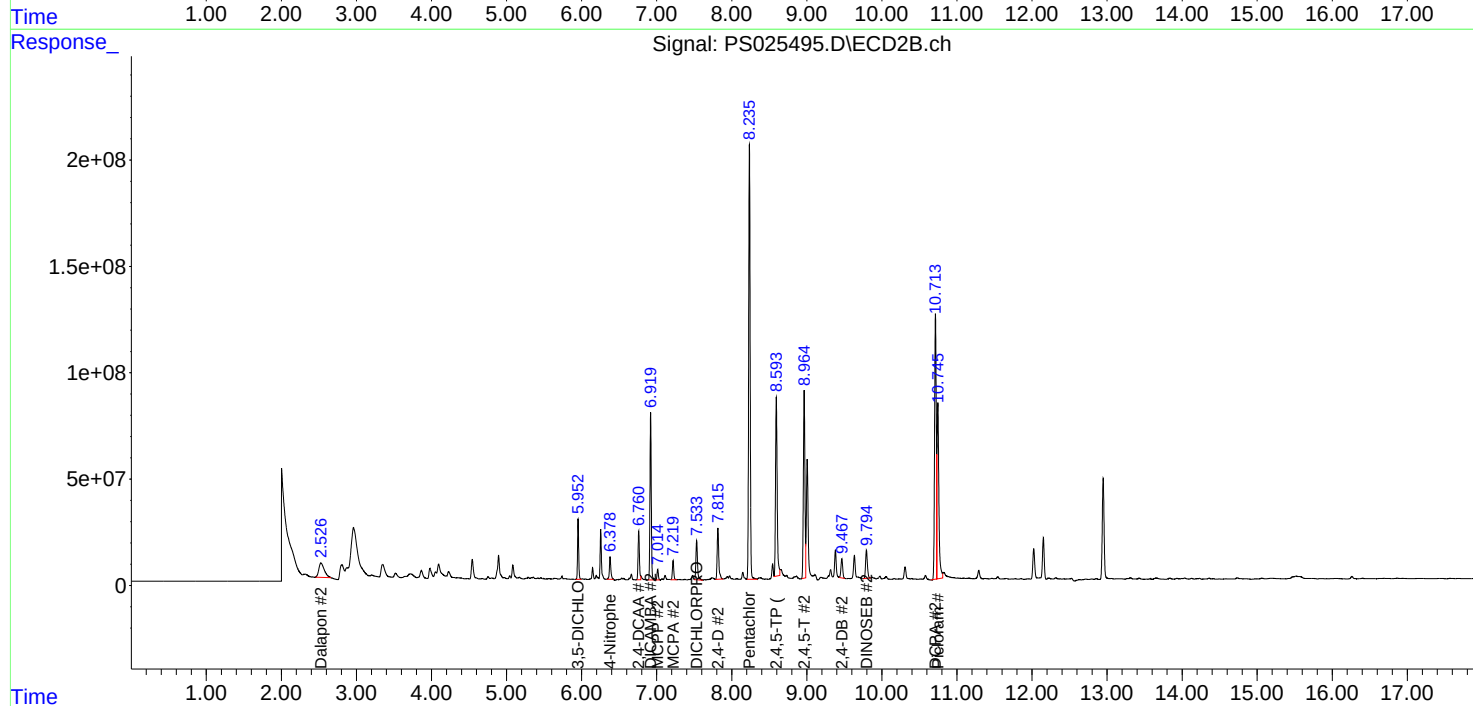
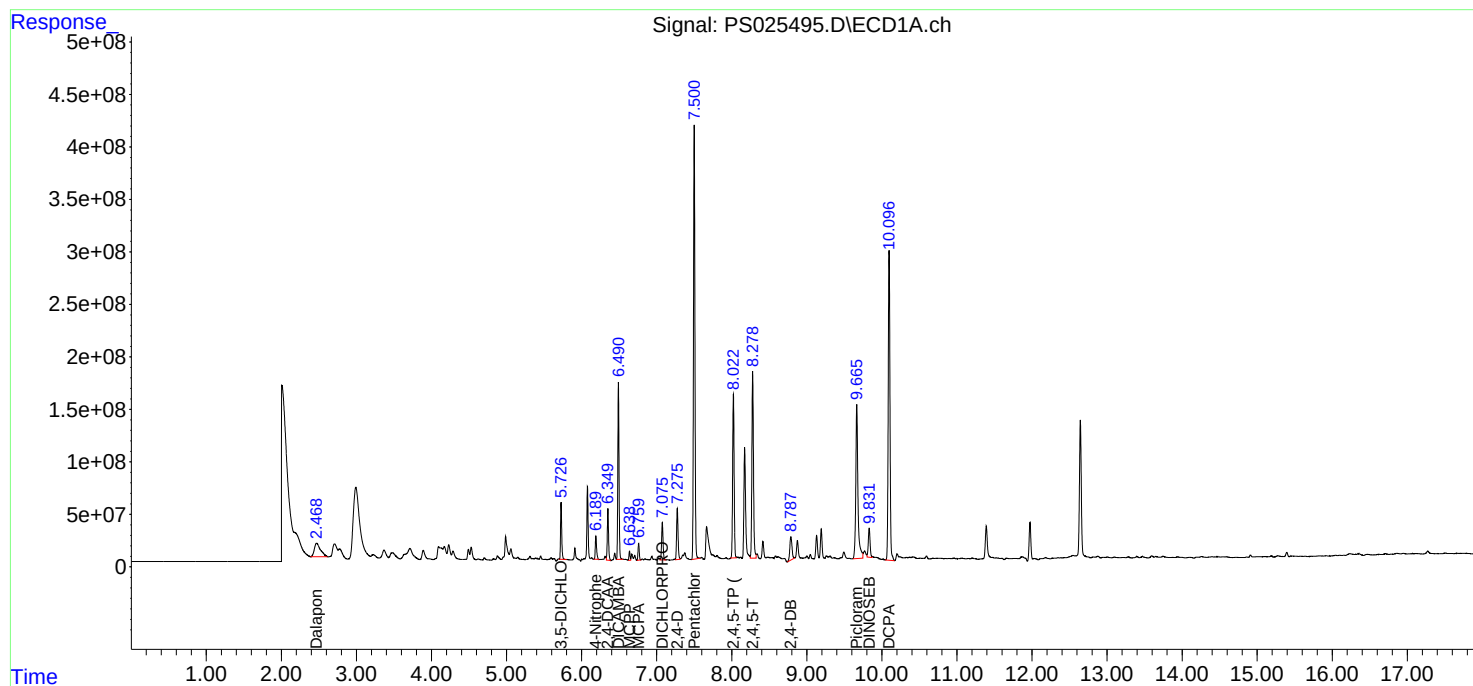
Instrument :  
ECD\_S  
ClientSampleId :  
MR-301P-25-27MS

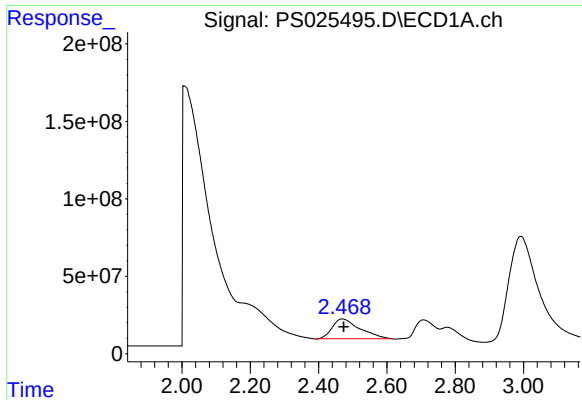
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 12 01:50:52 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS011124.M  
Quant Title : 8080.M  
QLast Update : Thu Jan 11 16:45:24 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





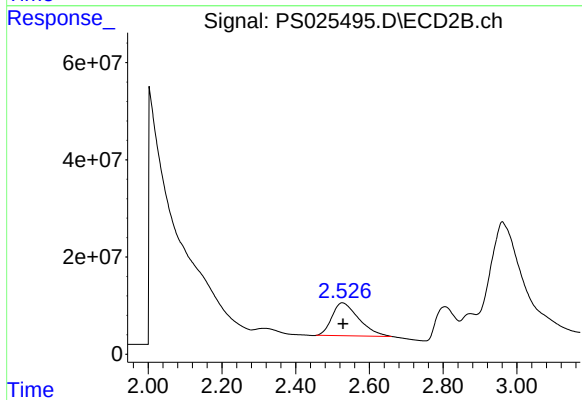
#1 Dalapon

R.T.: 2.468 min  
Delta R.T.: -0.006 min  
Response: 722280558  
Conc: 312.12 ng/ml

Instrument :  
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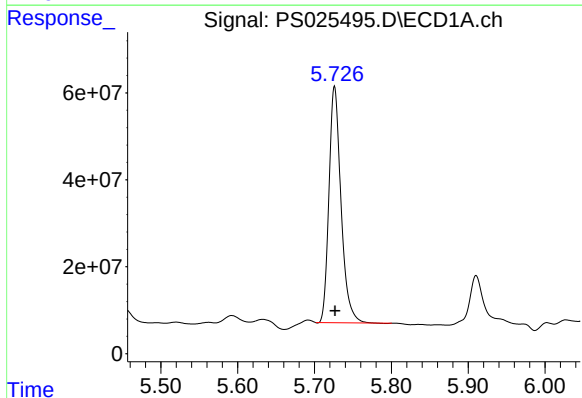
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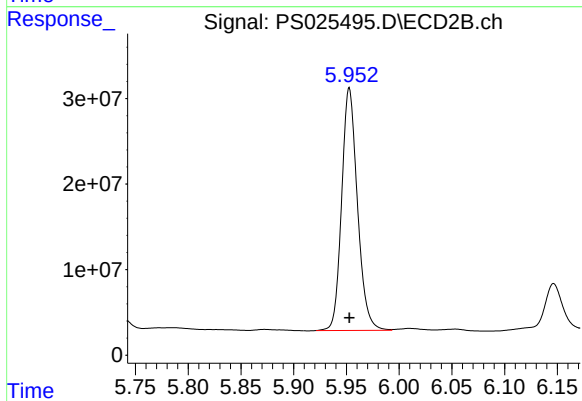
#1 Dalapon

R.T.: 2.526 min  
Delta R.T.: -0.003 min  
Response: 342067221  
Conc: 291.16 ng/ml m



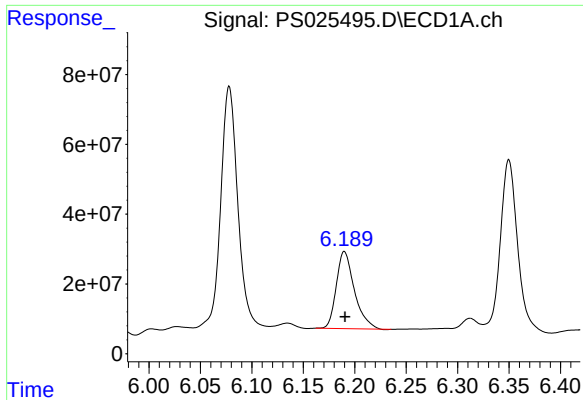
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.727 min  
Delta R.T.: 0.000 min  
Response: 587950610  
Conc: 256.92 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.953 min  
Delta R.T.: 0.000 min  
Response: 294784908  
Conc: 253.20 ng/ml



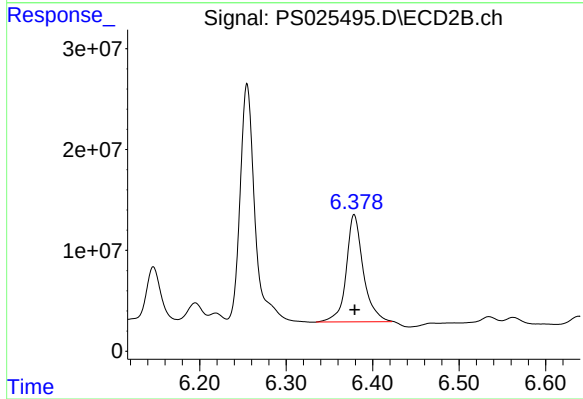
#3 4-Nitrophenol

R.T.: 6.191 min  
Delta R.T.: 0.000 min  
Response: 270762045  
Conc: 299.63 ng/ml

Instrument :  
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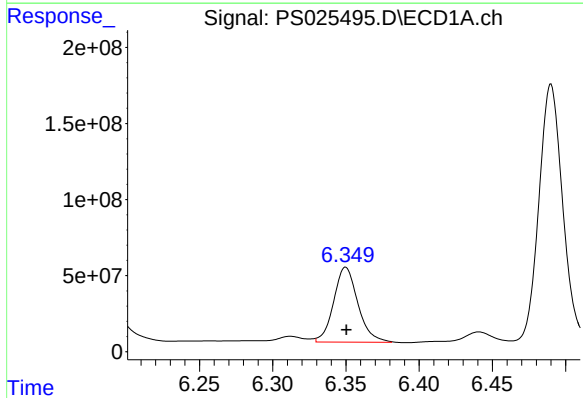
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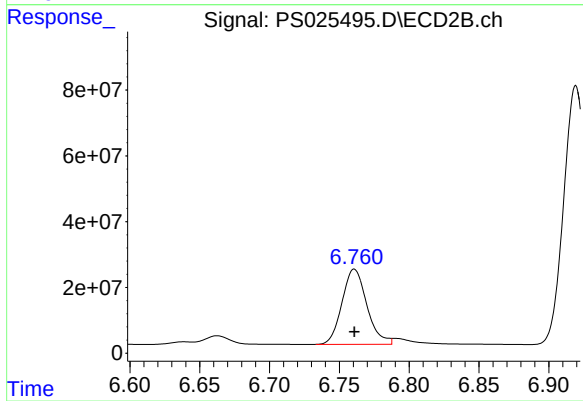
#3 4-Nitrophenol

R.T.: 6.378 min  
Delta R.T.: -0.001 min  
Response: 144880360  
Conc: 304.31 ng/ml m



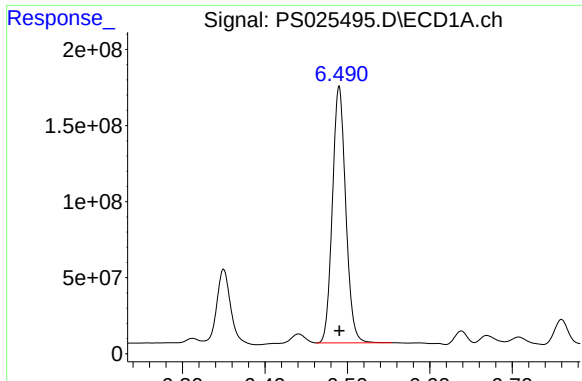
#4 2,4-DCAA

R.T.: 6.349 min  
Delta R.T.: -0.001 min  
Response: 568351372  
Conc: 381.58 ng/ml m



#4 2,4-DCAA

R.T.: 6.760 min  
Delta R.T.: 0.000 min  
Response: 283908753  
Conc: 369.77 ng/ml m



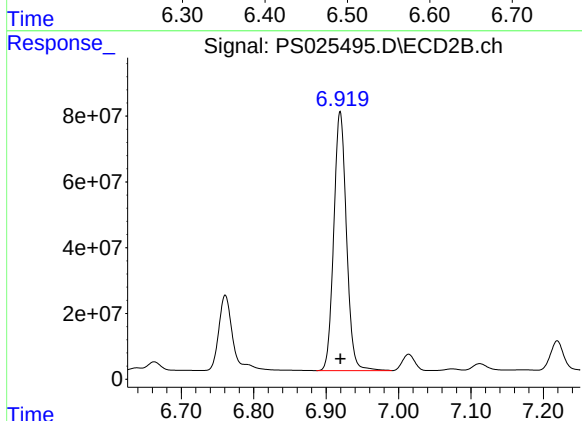
#5 DICAMBA

R.T.: 6.490 min  
Delta R.T.: 0.000 min  
Response: 1895331950  
Conc: 297.01 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
MR-301P-25-27MS

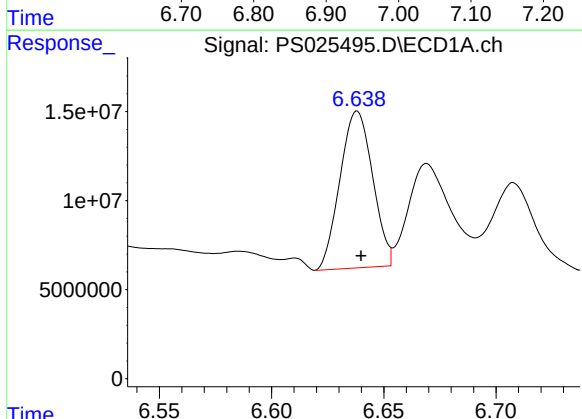
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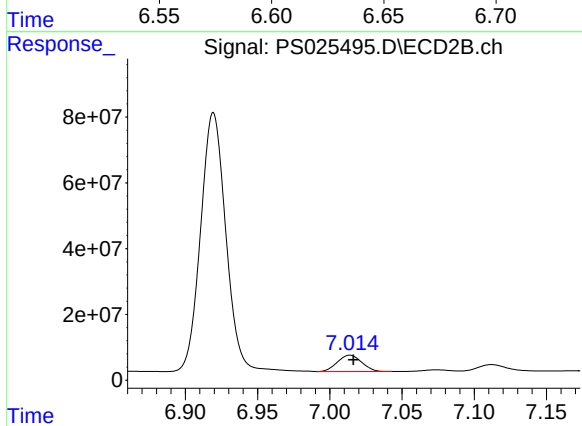
#5 DICAMBA

R.T.: 6.919 min  
Delta R.T.: 0.000 min  
Response: 959775072  
Conc: 288.40 ng/ml



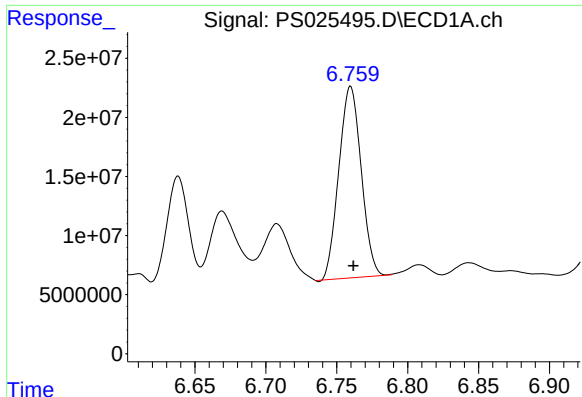
#6 MCP

R.T.: 6.638 min  
Delta R.T.: -0.002 min  
Response: 89062667  
Conc: 22.24 ug/ml m



#6 MCP

R.T.: 7.014 min  
Delta R.T.: -0.002 min  
Response: 58277479  
Conc: 25.12 ug/ml



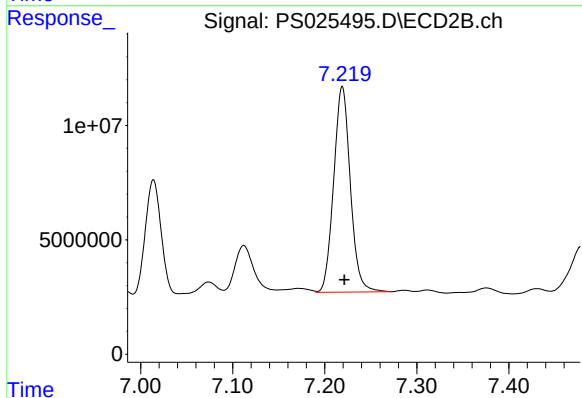
#7 MCPA

R.T.: 6.760 min  
Delta R.T.: -0.002 min  
Response: 178069653  
Conc: 31.47 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
MR-301P-25-27MS

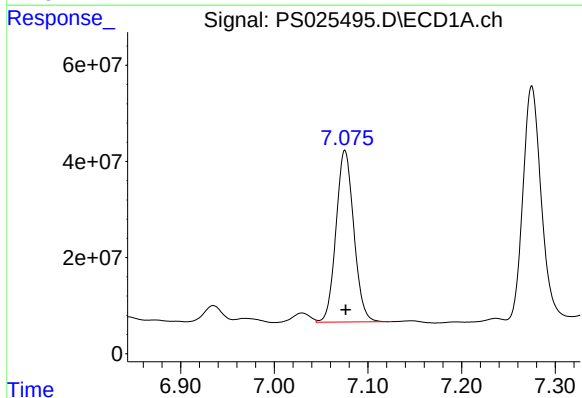
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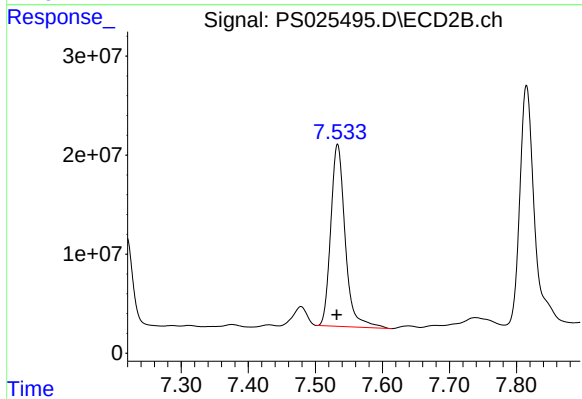
#7 MCPA

R.T.: 7.219 min  
Delta R.T.: -0.002 min  
Response: 112988832  
Conc: 32.61 ug/ml



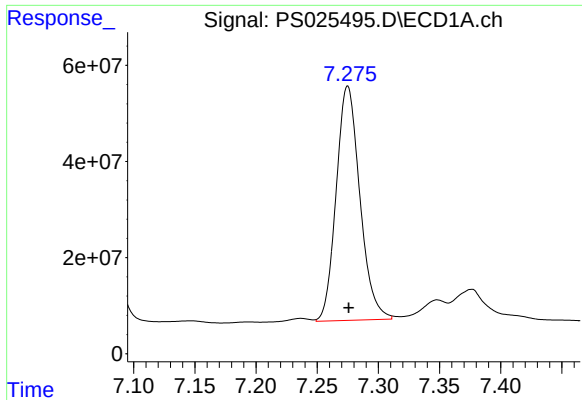
#8 DICHLORPROP

R.T.: 7.076 min  
Delta R.T.: 0.000 min  
Response: 470308282  
Conc: 285.39 ng/ml



#8 DICHLORPROP

R.T.: 7.533 min  
Delta R.T.: 0.002 min  
Response: 274342087  
Conc: 317.36 ng/ml



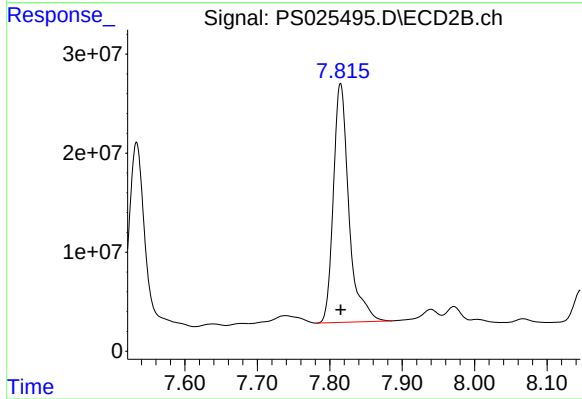
#9 2,4-D

R.T.: 7.275 min  
Delta R.T.: -0.001 min  
Response: 656655384  
Conc: 356.62 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
MR-301P-25-27MS

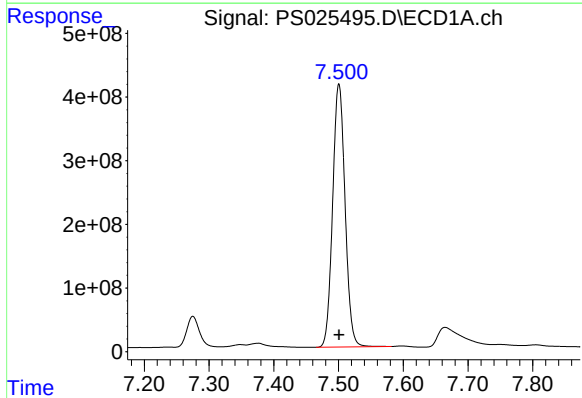
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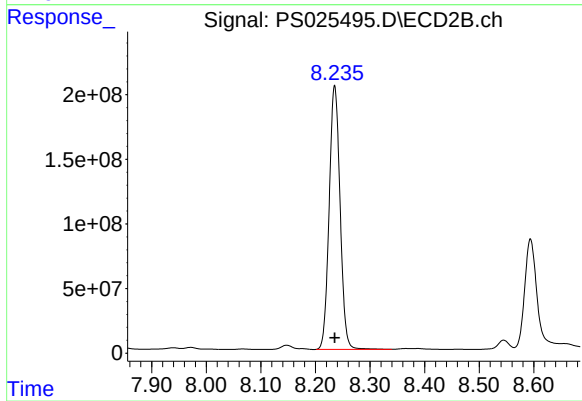
#9 2,4-D

R.T.: 7.815 min  
Delta R.T.: 0.000 min  
Response: 359944354  
Conc: 396.22 ng/ml



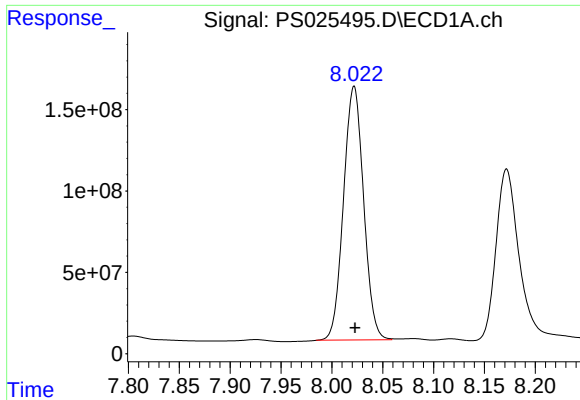
#10 Pentachlorophenol

R.T.: 7.501 min  
Delta R.T.: 0.000 min  
Response: 5514047640  
Conc: 230.42 ng/ml



#10 Pentachlorophenol

R.T.: 8.235 min  
Delta R.T.: 0.000 min  
Response: 2835244399  
Conc: 230.51 ng/ml



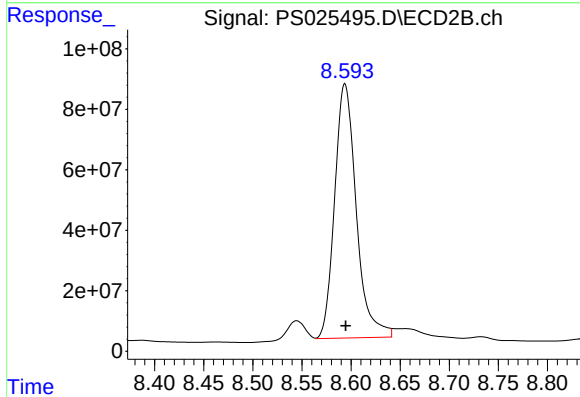
#11 2,4,5-TP (SILVEX)

R.T.: 8.022 min  
Delta R.T.: -0.001 min  
Response: 2142512995  
Conc: 230.53 ng/ml

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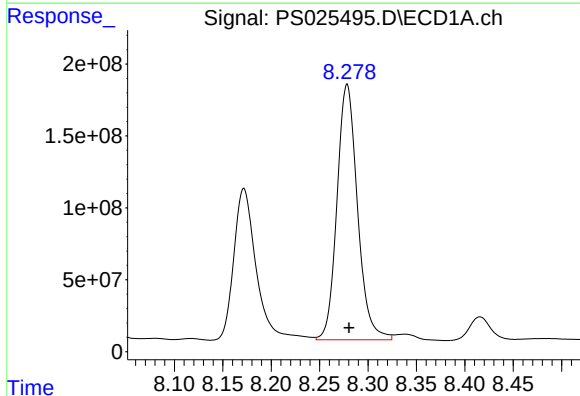
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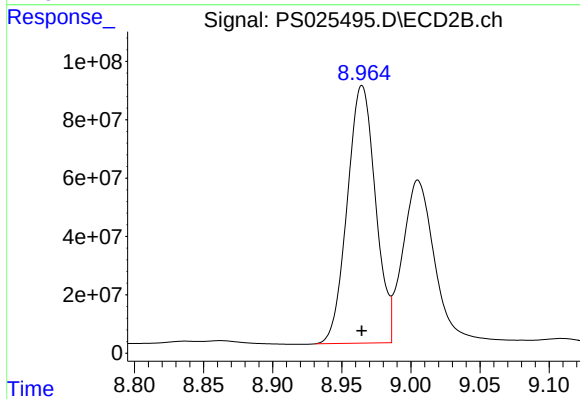
#11 2,4,5-TP (SILVEX)

R.T.: 8.593 min  
Delta R.T.: -0.001 min  
Response: 1289297803  
Conc: 273.11 ng/ml m



#12 2,4,5-T

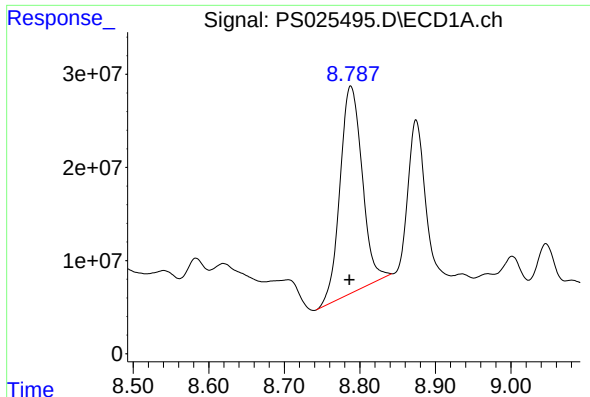
R.T.: 8.278 min  
Delta R.T.: -0.002 min  
Response: 2619606108  
Conc: 268.30 ng/ml m



#12 2,4,5-T

R.T.: 8.965 min  
Delta R.T.: 0.000 min  
Response: 1257017046  
Conc: 287.60 ng/ml





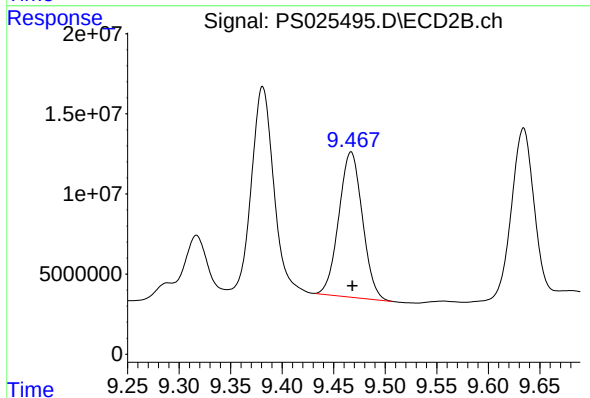
#13 2,4-DB

R.T.: 8.789 min  
Delta R.T.: 0.002 min  
Response: 452015242  
Conc: 419.92 ng/ml

Instrument :  
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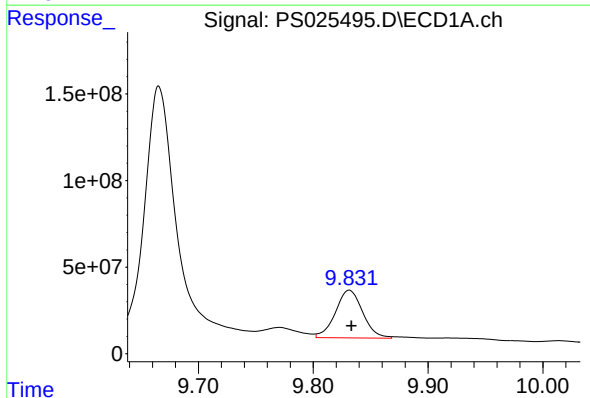
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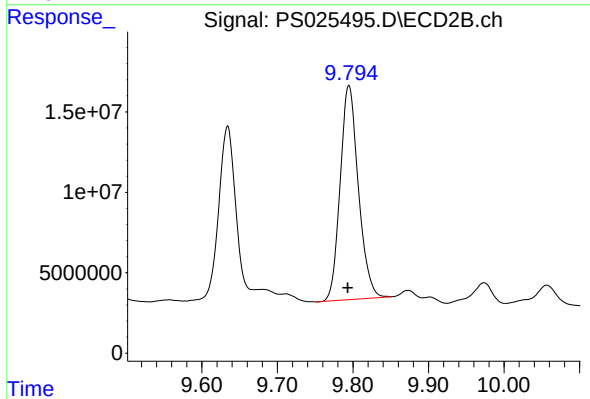
#13 2,4-DB

R.T.: 9.467 min  
Delta R.T.: -0.001 min  
Response: 144551983  
Conc: 276.91 ng/ml m



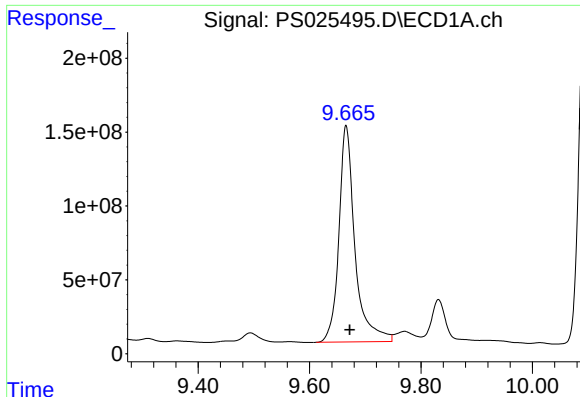
#14 DINOSEB

R.T.: 9.831 min  
Delta R.T.: -0.002 min  
Response: 454962596  
Conc: 66.35 ng/ml m



#14 DINOSEB

R.T.: 9.795 min  
Delta R.T.: 0.001 min  
Response: 222951410  
Conc: 70.92 ng/ml



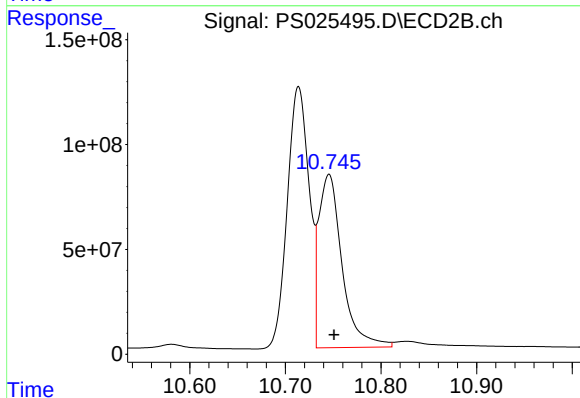
#15 Picloram

R.T.: 9.666 min  
Delta R.T.: -0.006 min  
Response: 2935226652  
Conc: 283.70 ng/ml

Instrument :  
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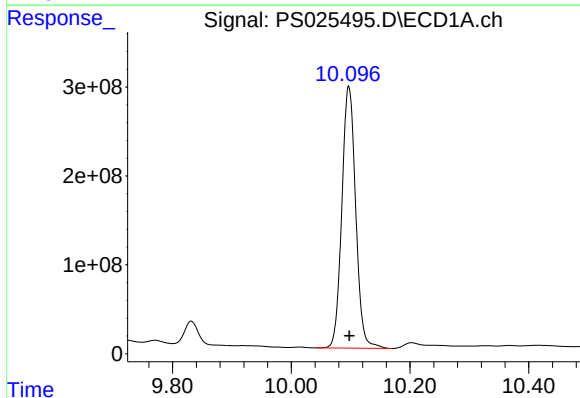
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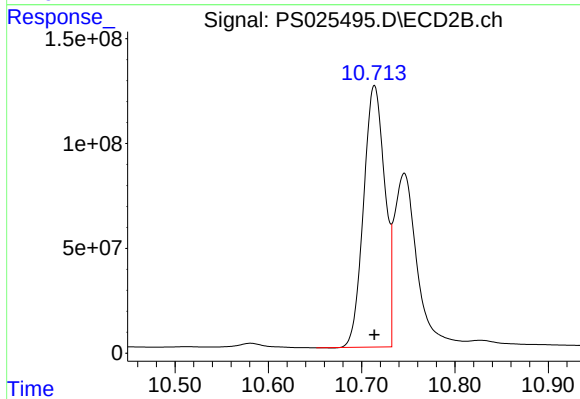
#15 Picloram

R.T.: 10.746 min  
Delta R.T.: -0.006 min  
Response: 1393921946  
Conc: 262.17 ng/ml



#16 DCPA

R.T.: 10.097 min  
Delta R.T.: 0.000 min  
Response: 4771936795  
Conc: 393.43 ng/ml



#16 DCPA

R.T.: 10.714 min  
Delta R.T.: 0.000 min  
Response: 1976510263  
Conc: 339.93 ng/ml