

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS062025\  
 Data File : PS030783.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Jun 2025 17:19  
 Operator : AR\AJ  
 Sample : Q2347-01MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 TP-10MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/23/2025  
 Supervised By :mohammad ahmed 06/24/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 20 23:01:38 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     | 7.345  | 7.768  | 1452.0E6  | 453.7E6   | 395.168m | 423.201   |
| Target Compounds            |              |        |        |           |           |          |           |
| 1) T                        | Dalapon      | 2.702  | 2.709  | 938.9E6   | 1649.8E6  | 157.386m | 601.727m# |
| 2) T                        | 3,5-DICHL... | 6.504  | 6.714  | 2074.6E6  | 650.6E6   | 385.782m | 403.319m  |
| 3) T                        | 4-Nitroph... | 7.145  | 7.300  | 550.1E6   | 575.6E6   | 348.886  | 332.055   |
| 5) T                        | DICAMBA      | 7.535  | 7.971  | 5556.8E6  | 2449.8E6  | 365.213  | 373.834   |
| 6) T                        | MCPD         | 7.715  | 8.069  | 314.5E6   | 74315681  | 33.499m  | 35.434m   |
| 7) T                        | MCPA         | 7.865  | 8.316  | 404.1E6   | 113.0E6   | 34.452   | 35.914    |
| 8) T                        | DICHLORPROP  | 8.249  | 8.690  | 1435.1E6  | 654.7E6   | 383.117  | 416.317   |
| 9) T                        | 2,4-D        | 8.481  | 9.026  | 1497.1E6  | 665.7E6   | 434.656  | 391.749   |
| 10) T                       | Pentachlo... | 8.789  | 9.551  | 19687.6E6 | 13896.4E6 | 371.988  | 364.524   |
| 11) T                       | 2,4,5-TP ... | 9.370  | 9.932  | 7897.5E6  | 5803.9E6  | 394.277  | 402.249   |
| 12) T                       | 2,4,5-T      | 9.664  | 10.358 | 6476.6E6  | 5191.4E6  | 393.641  | 379.914m  |
| 13) T                       | 2,4-DB       | 10.243 | 10.925 | 762.0E6   | 437.5E6   | 332.249m | 369.862   |
| 14) T                       | DINOSEB      | 11.460 | 11.311 | 755.0E6   | 609.4E6   | 54.425m  | 56.525m   |
| 15) T                       | Picloram     | 11.270 | 12.419 | 5431.8E6  | 7101.7E6  | 337.879m | 305.562   |
| 16) T                       | DCPA         | 11.754 | 12.354 | 7213.5E6  | 8596.7E6  | 281.597  | 390.000m# |
| -----                       |              |        |        |           |           |          |           |

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

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Acq On : 20 Jun 2025 17:19  
Operator : AR\AJ  
Sample : Q2347-01MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

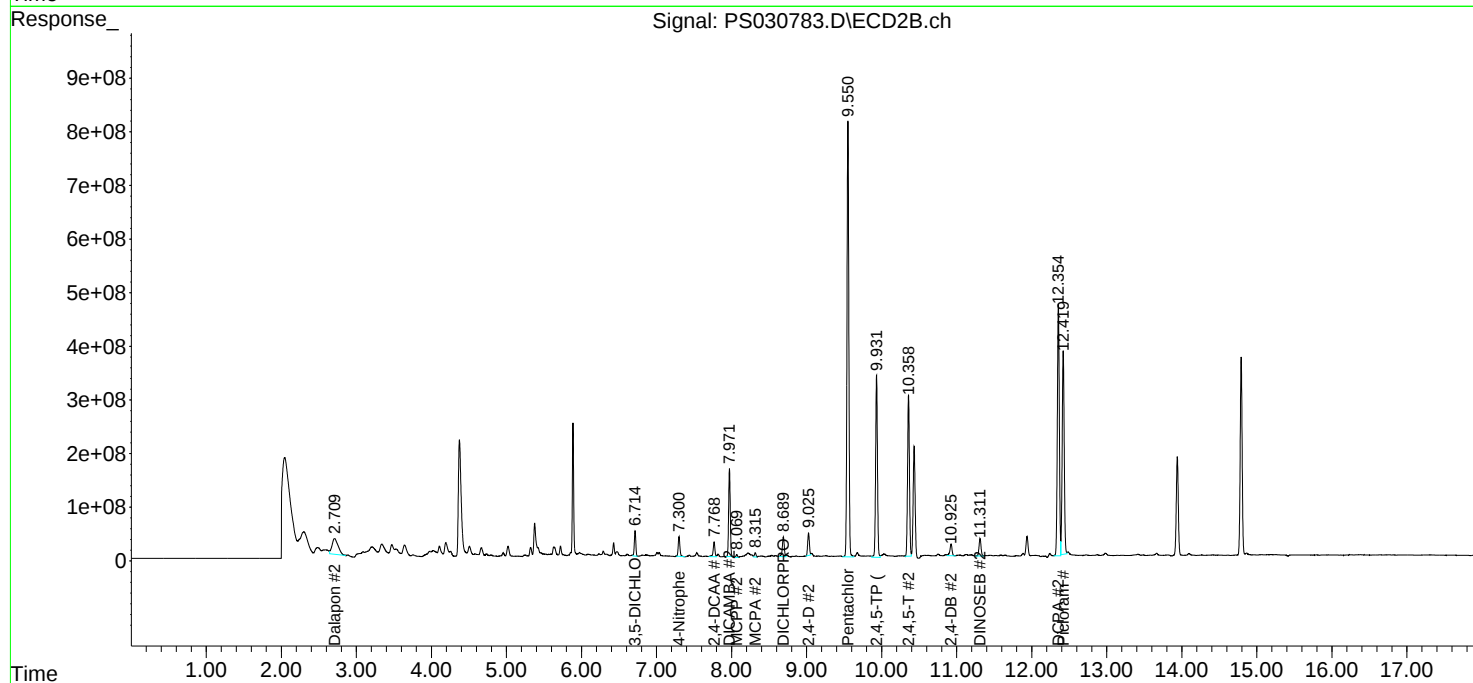
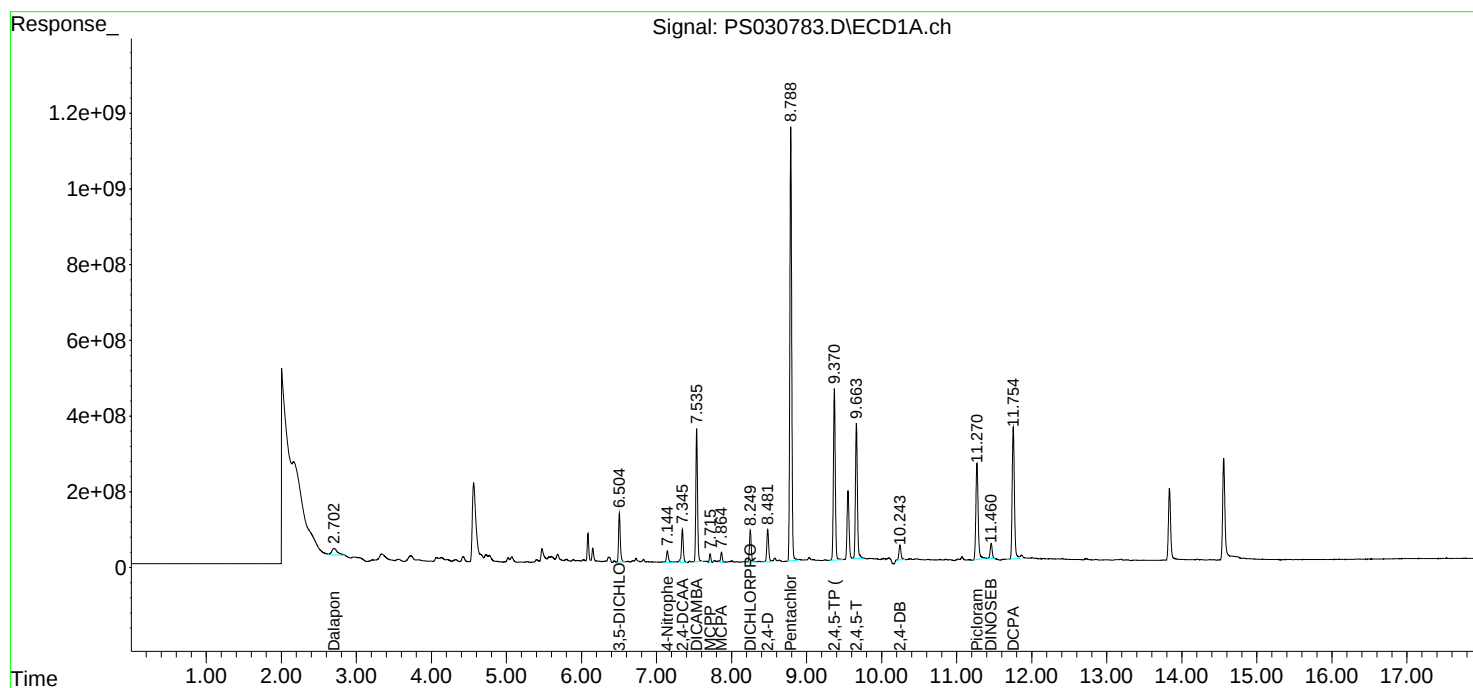
Instrument :  
ECD\_S  
ClientSampleId :  
TP-10MS

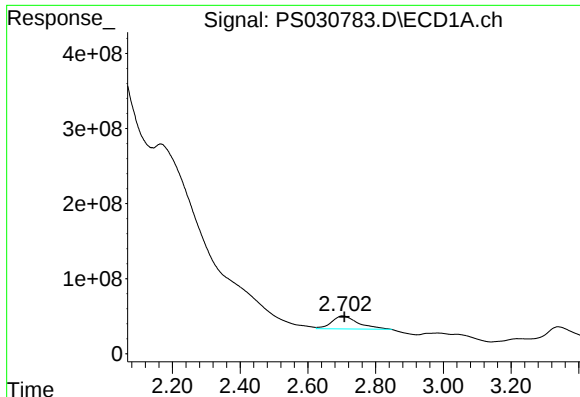
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
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Volume Inj. : 1 µl  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





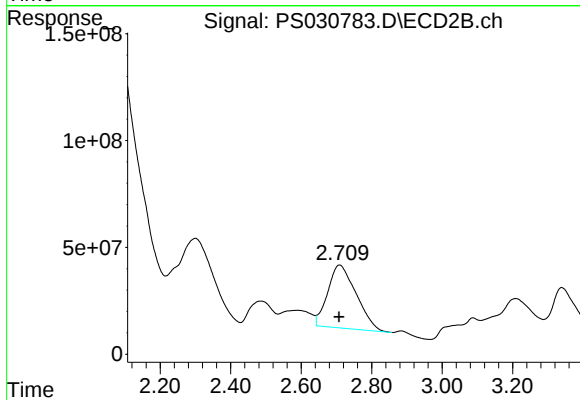
#1 Dalapon

R.T.: 2.702 min  
Delta R.T.: -0.006 min  
Response: 938904509  
Conc: 157.39 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-10MS

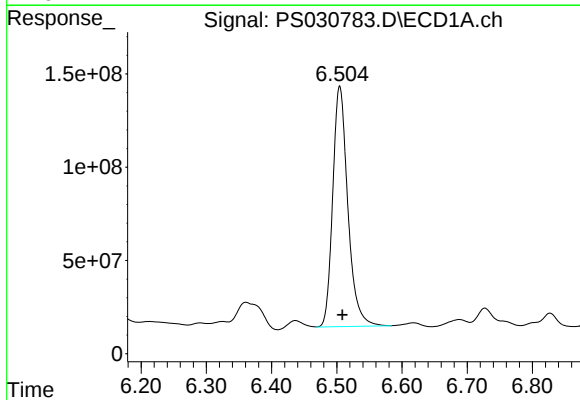
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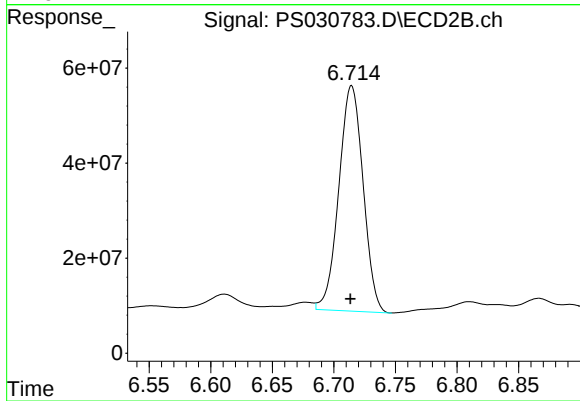
#1 Dalapon

R.T.: 2.709 min  
Delta R.T.: 0.002 min  
Response: 1649781551  
Conc: 601.73 ng/ml m



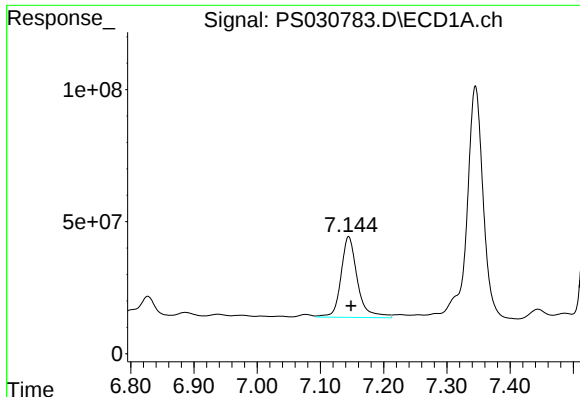
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.504 min  
Delta R.T.: -0.005 min  
Response: 2074563300  
Conc: 385.78 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min  
Delta R.T.: 0.000 min  
Response: 650613757  
Conc: 403.32 ng/ml m



#3 4-Nitrophenol

R.T.: 7.145 min  
Delta R.T.: -0.004 min  
Response: 550111546  
Conc: 348.89 ng/ml

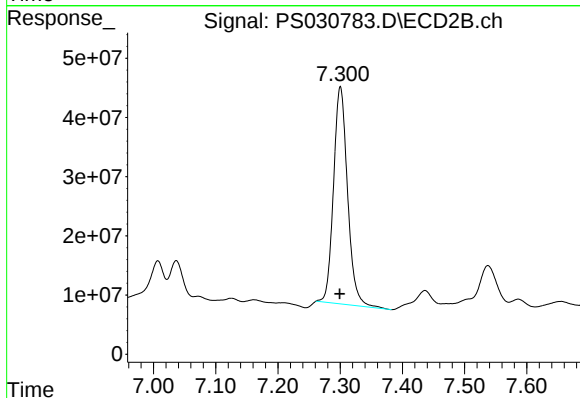
Instrument :

ECD\_S

ClientSampleId :  
TP-10MS

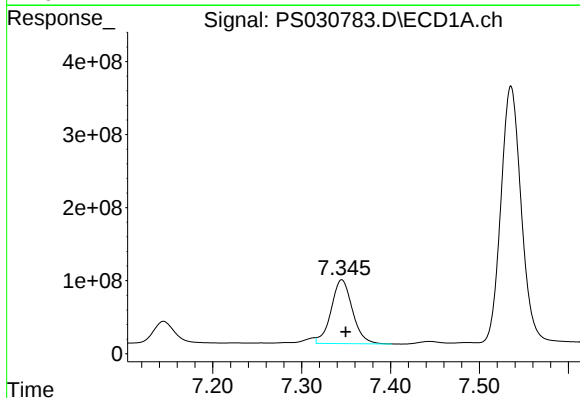
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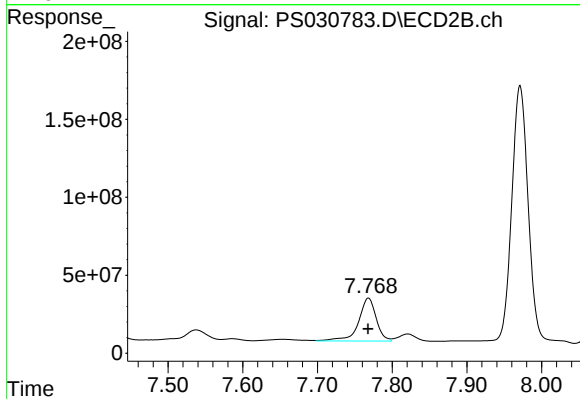
#3 4-Nitrophenol

R.T.: 7.300 min  
Delta R.T.: 0.000 min  
Response: 575628221  
Conc: 332.05 ng/ml



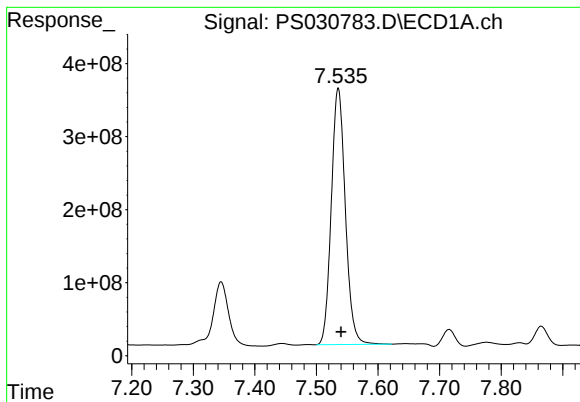
#4 2,4-DCAA

R.T.: 7.345 min  
Delta R.T.: -0.005 min  
Response: 1452002822  
Conc: 395.17 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min  
Delta R.T.: 0.000 min  
Response: 453655703  
Conc: 423.20 ng/ml



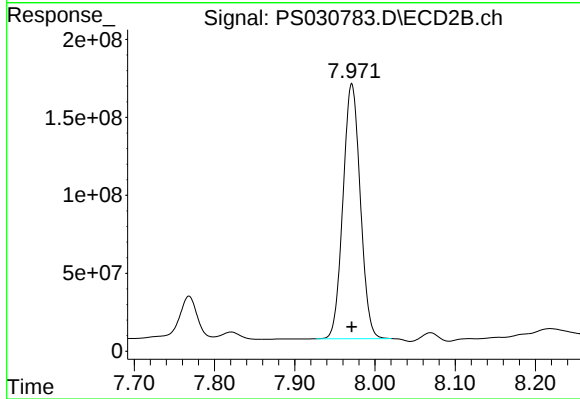
#5 DICAMBA

R.T.: 7.535 min  
Delta R.T.: -0.005 min  
Response: 5556754499  
Conc: 365.21 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-10MS

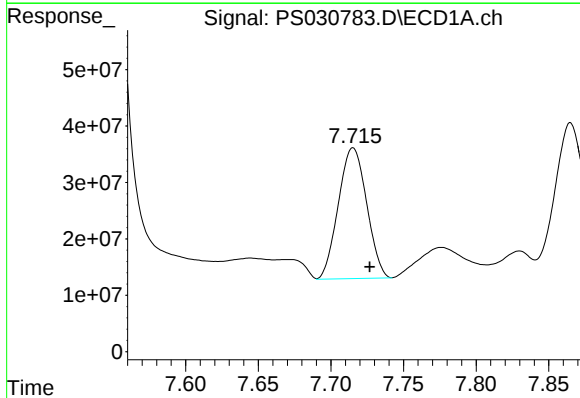
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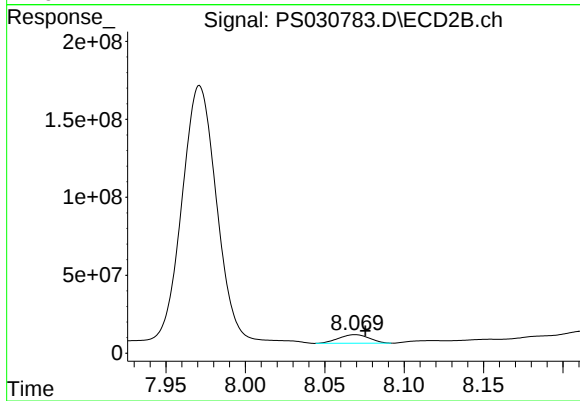
#5 DICAMBA

R.T.: 7.971 min  
Delta R.T.: 0.000 min  
Response: 2449815850  
Conc: 373.83 ng/ml



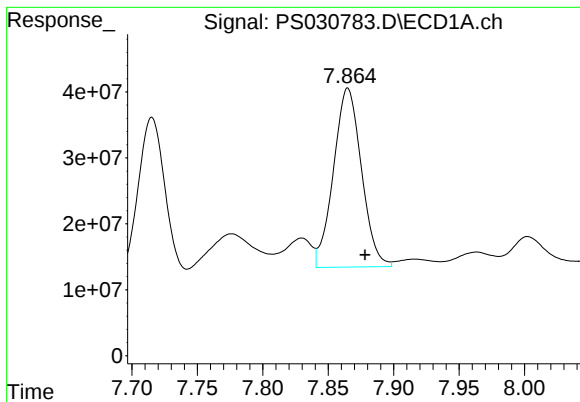
#6 MCP

R.T.: 7.715 min  
Delta R.T.: -0.012 min  
Response: 314498798  
Conc: 33.50 ug/ml m



#6 MCP

R.T.: 8.069 min  
Delta R.T.: -0.007 min  
Response: 74315681  
Conc: 35.43 ug/ml m



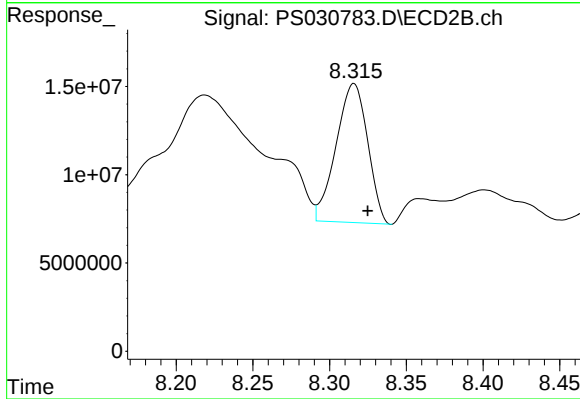
#7 MCPA

R.T.: 7.865 min  
Delta R.T.: -0.013 min  
Response: 404137836  
Conc: 34.45 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-10MS

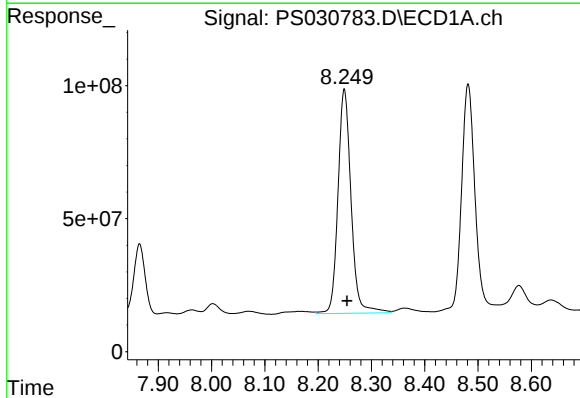
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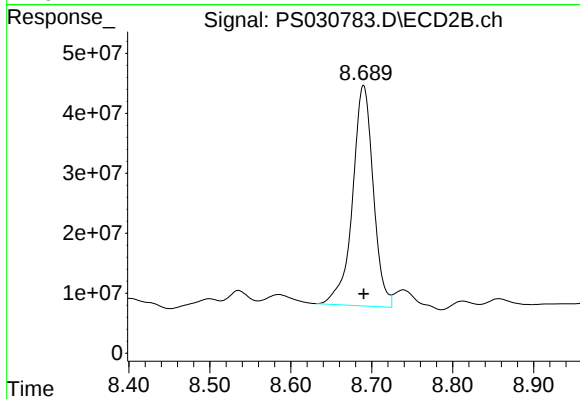
#7 MCPA

R.T.: 8.316 min  
Delta R.T.: -0.009 min  
Response: 112974922  
Conc: 35.91 ug/ml



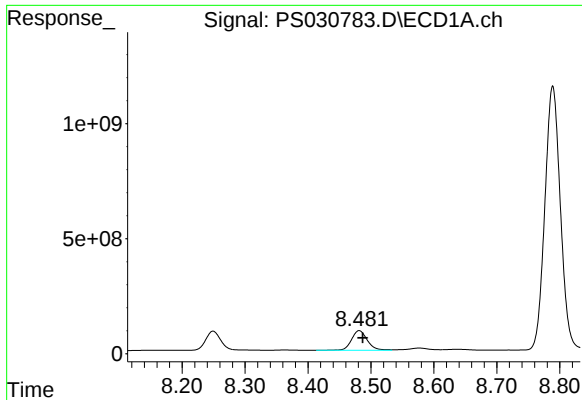
#8 DICHLORPROP

R.T.: 8.249 min  
Delta R.T.: -0.005 min  
Response: 1435066787  
Conc: 383.12 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min  
Delta R.T.: 0.000 min  
Response: 654656576  
Conc: 416.32 ng/ml



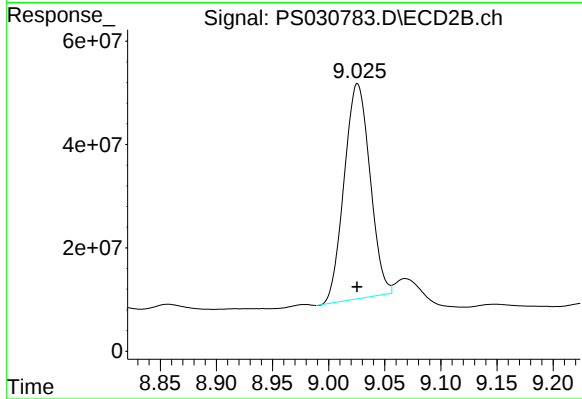
#9 2,4-D

R.T.: 8.481 min  
Delta R.T.: -0.006 min  
Response: 1497134943  
Conc: 434.66 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-10MS

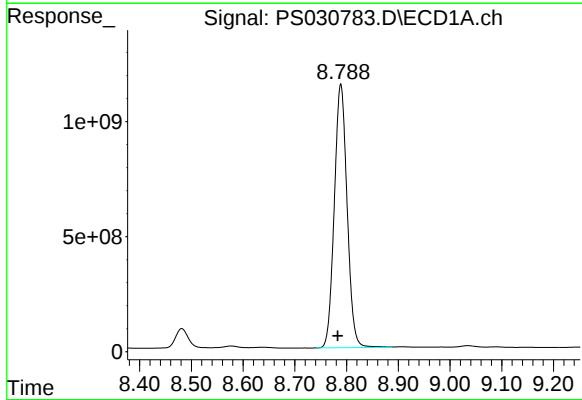
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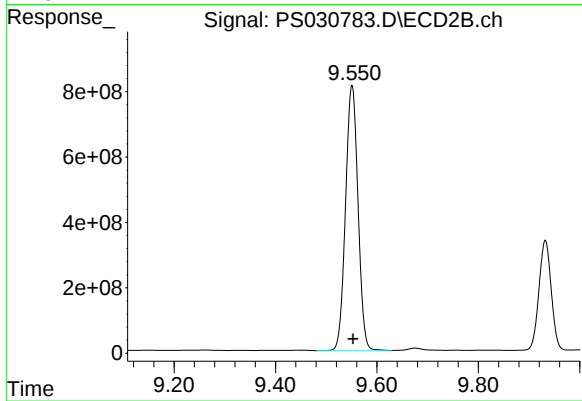
#9 2,4-D

R.T.: 9.026 min  
Delta R.T.: 0.000 min  
Response: 665739750  
Conc: 391.75 ng/ml



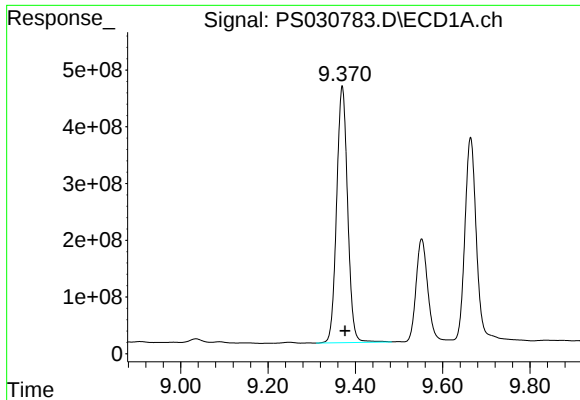
#10 Pentachlorophenol

R.T.: 8.789 min  
Delta R.T.: 0.006 min  
Response: 19687620676  
Conc: 371.99 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min  
Delta R.T.: -0.002 min  
Response: 13896432766  
Conc: 364.52 ng/ml



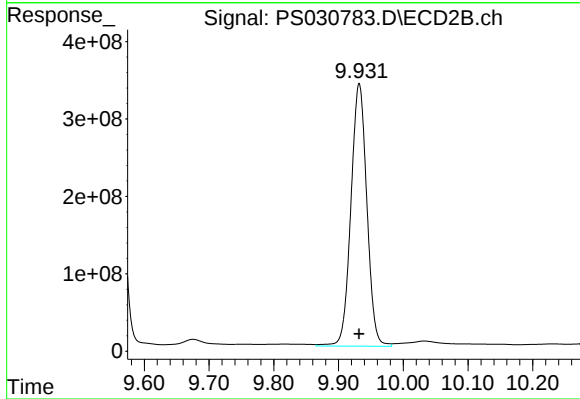
#11 2,4,5-TP (SILVEX)

R.T.: 9.370 min  
Delta R.T.: -0.006 min  
Response: 7897535058  
Conc: 394.28 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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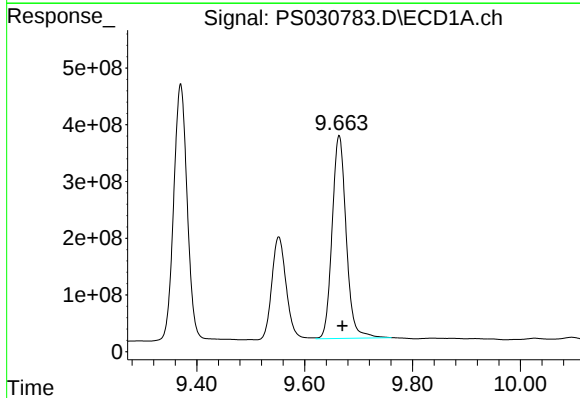
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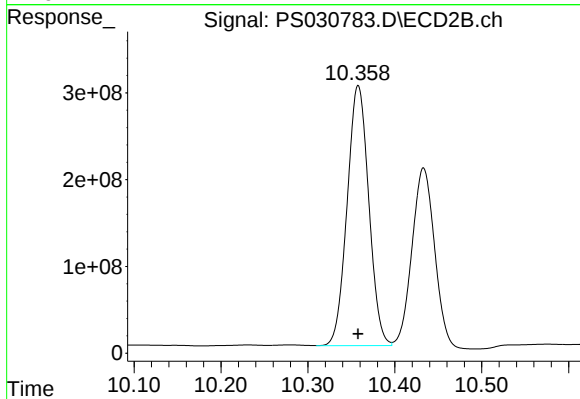
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min  
Delta R.T.: 0.000 min  
Response: 5803934425  
Conc: 402.25 ng/ml



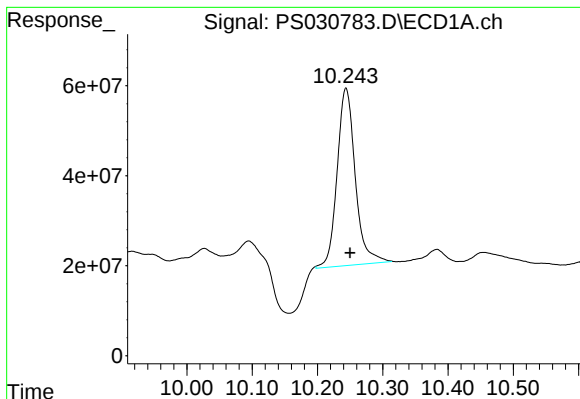
#12 2,4,5-T

R.T.: 9.664 min  
Delta R.T.: -0.006 min  
Response: 6476629407  
Conc: 393.64 ng/ml



#12 2,4,5-T

R.T.: 10.358 min  
Delta R.T.: 0.000 min  
Response: 5191388897  
Conc: 379.91 ng/ml m



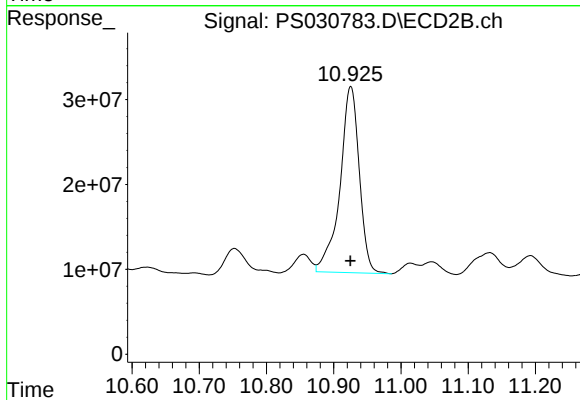
#13 2,4-DB

R.T.: 10.243 min  
Delta R.T.: -0.007 min  
Response: 762012881  
Conc: 332.25 ng/ml

Instrument :  
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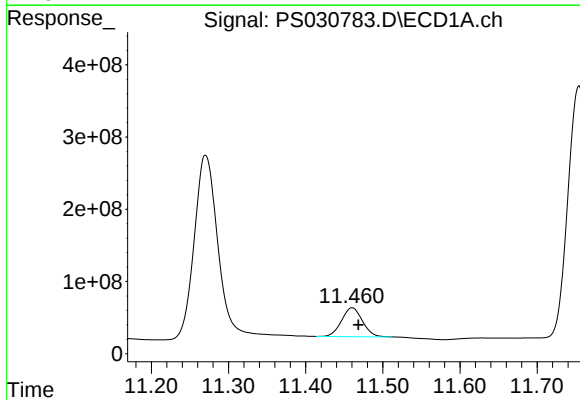
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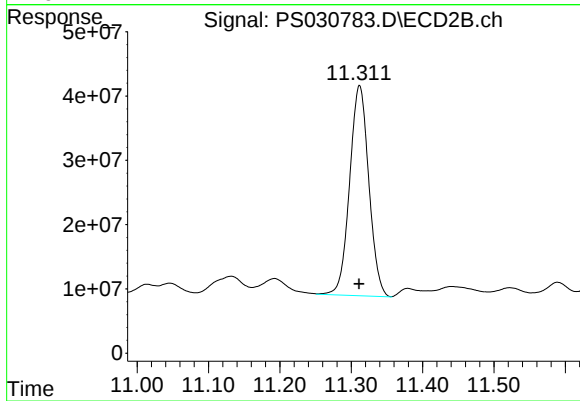
#13 2,4-DB

R.T.: 10.925 min  
Delta R.T.: 0.000 min  
Response: 437510455  
Conc: 369.86 ng/ml



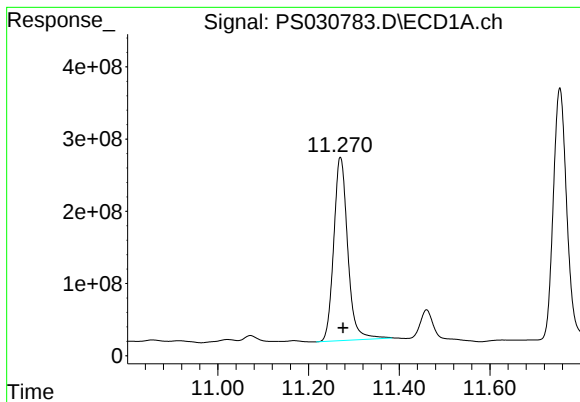
#14 DINOSEB

R.T.: 11.460 min  
Delta R.T.: -0.009 min  
Response: 755042792  
Conc: 54.42 ng/ml m



#14 DINOSEB

R.T.: 11.311 min  
Delta R.T.: 0.000 min  
Response: 609409441  
Conc: 56.52 ng/ml m



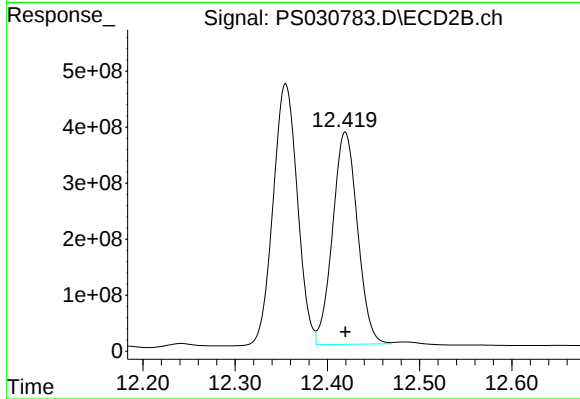
#15 Picloram

R.T.: 11.270 min  
Delta R.T.: -0.007 min  
Response: 5431772848  
Conc: 337.88 ng/ml

Instrument :  
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ClientSampleId :  
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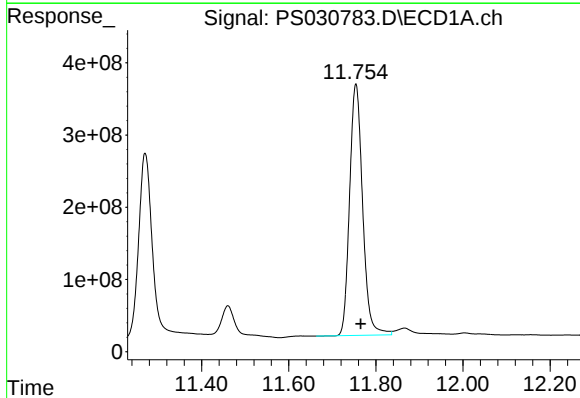
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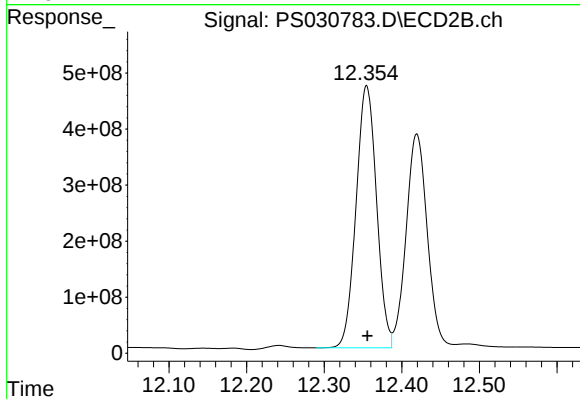
#15 Picloram

R.T.: 12.419 min  
Delta R.T.: 0.000 min  
Response: 7101705629  
Conc: 305.56 ng/ml



#16 DCPA

R.T.: 11.754 min  
Delta R.T.: -0.011 min  
Response: 7213470266  
Conc: 281.60 ng/ml



#16 DCPA

R.T.: 12.354 min  
Delta R.T.: -0.001 min  
Response: 8596679775  
Conc: 390.00 ng/ml m