

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS051425\  
 Data File : PS030185.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 May 2025 15:53  
 Operator : AR\AJ  
 Sample : Q2007-07MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 OR-636-COMP-11MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 05/15/2025  
 Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 15 06:38:37 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     | 6.933  | 7.452  | 933.8E6   | 235.0E6  | 327.905  | 293.627m |
| Target Compounds            |              |        |        |           |          |          |          |
| 1) T                        | Dalapon      | 2.441  | 2.517  | 1878.5E6  | 834.6E6  | 382.172  | 410.920m |
| 2) T                        | 3,5-DICHL... | 6.138  | 6.452  | 1279.8E6  | 325.2E6  | 306.855  | 278.979m |
| 3) T                        | 4-Nitroph... | 6.723  | 6.986  | 583.4E6   | 261.3E6  | 282.424  | 250.266m |
| 5) T                        | DICAMBA      | 7.109  | 7.638  | 3193.8E6  | 1266.4E6 | 276.344  | 267.849m |
| 6) T                        | MCP          | 7.286  | 7.744  | 167.7E6   | 33207076 | 23.023m  | 18.050m  |
| 7) T                        | MCPA         | 7.429  | 7.973  | 230.9E6   | 75630282 | 22.242   | 28.673 # |
| 8) T                        | DICHLORPROP  | 7.789  | 8.331  | 985.9E6   | 366.7E6  | 337.495  | 310.369  |
| 9) T                        | 2,4-D        | 8.009  | 8.643  | 1150.1E6  | 430.8E6  | 350.762  | 333.825  |
| 10) T                       | Pentachlo... | 8.286  | 9.143  | 10571.6E6 | 6317.0E6 | 261.021  | 255.903  |
| 11) T                       | 2,4,5-TP ... | 8.850  | 9.522  | 4757.6E6  | 3030.0E6 | 293.750  | 307.599  |
| 12) T                       | 2,4,5-T      | 9.132  | 9.925  | 4617.8E6  | 2670.1E6 | 279.607  | 290.120  |
| 13) T                       | 2,4-DB       | 9.691  | 10.482 | 579.7E6   | 251.0E6  | 222.132m | 252.965m |
| 14) T                       | DINOSEB      | 10.851 | 10.847 | 243.4E6   | 120.2E6  | 21.282   | 17.601m  |
| 15) T                       | Picloram     | 10.671 | 11.890 | 4725.3E6  | 3526.7E6 | 220.944  | 250.600m |
| 16) T                       | DCPA         | 11.152 | 11.886 | 5605.1E6  | 3352.8E6 | 281.502  | 248.163m |
| -----                       |              |        |        |           |          |          |          |

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

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Data File : PS030185.D  
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Acq On : 14 May 2025 15:53  
Operator : AR\AJ  
Sample : Q2007-07MS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

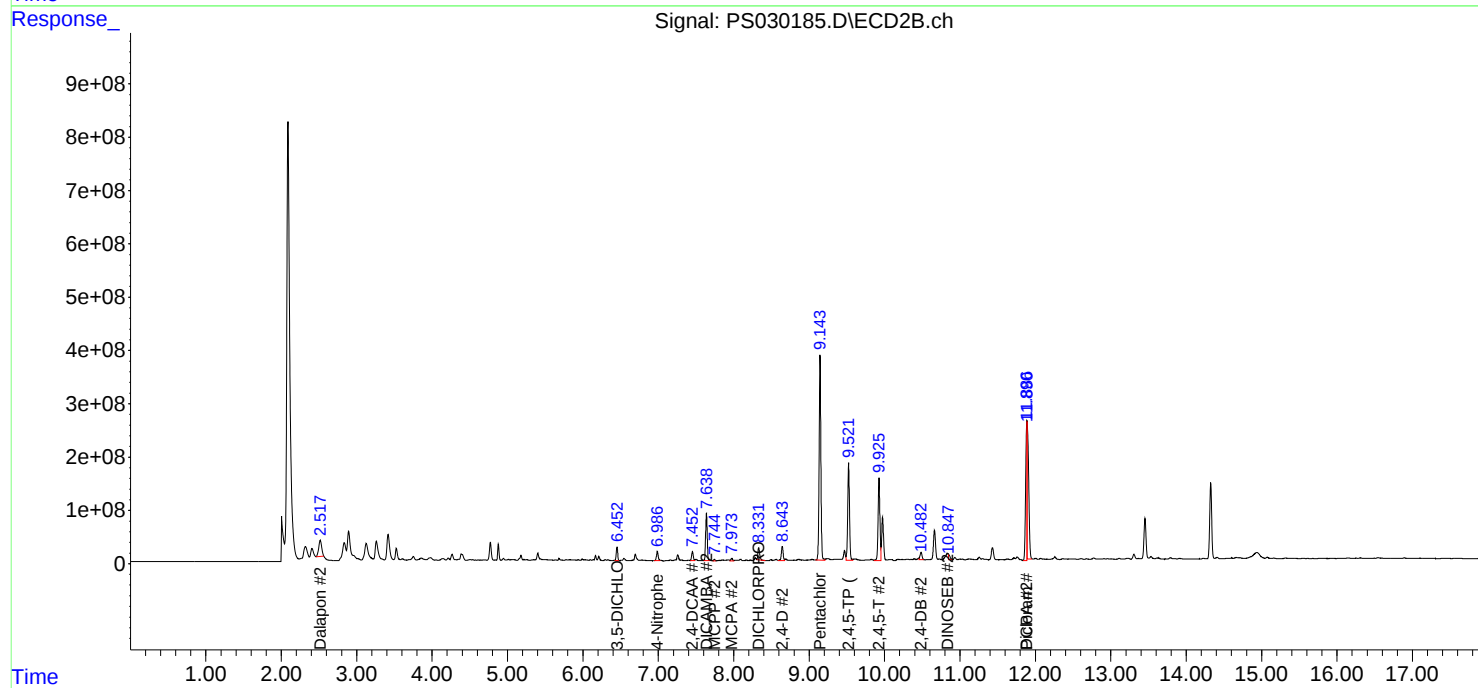
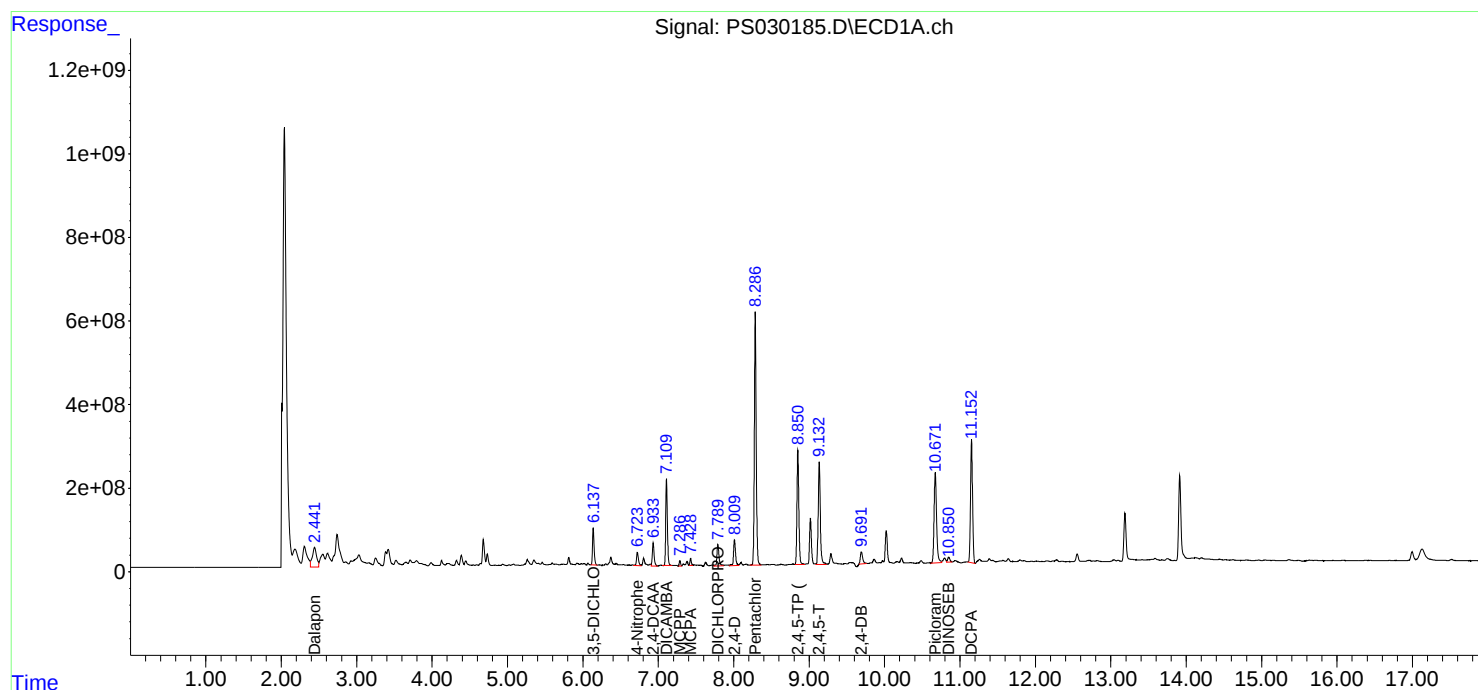
Instrument :  
ECD\_S  
ClientSampleId :  
OR-636-COMP-11MS

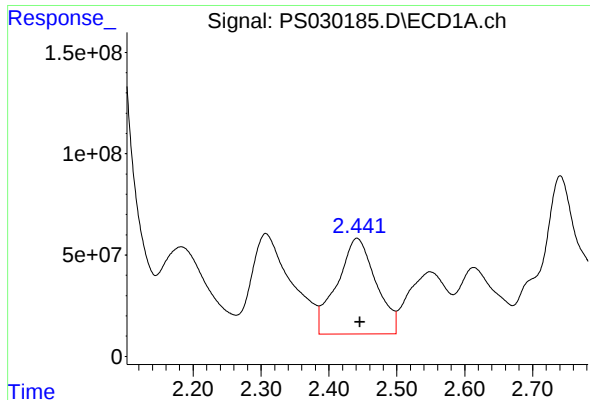
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 15 06:38:37 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS051225.M  
Quant Title : 8080.M  
QLast Update : Mon May 12 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





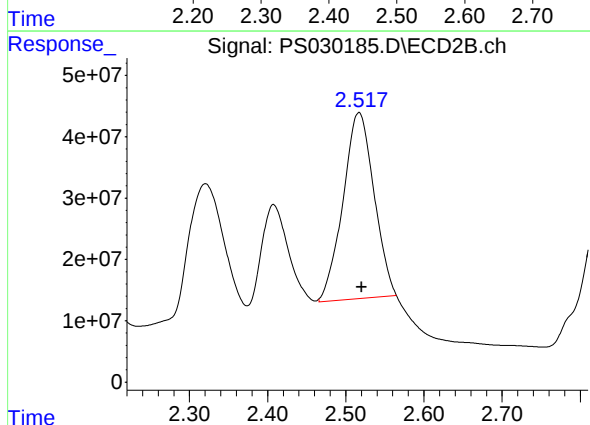
#1 Dalapon

R.T.: 2.441 min  
Delta R.T.: -0.005 min  
Response: 1878512173  
Conc: 382.17 ng/ml

Instrument :  
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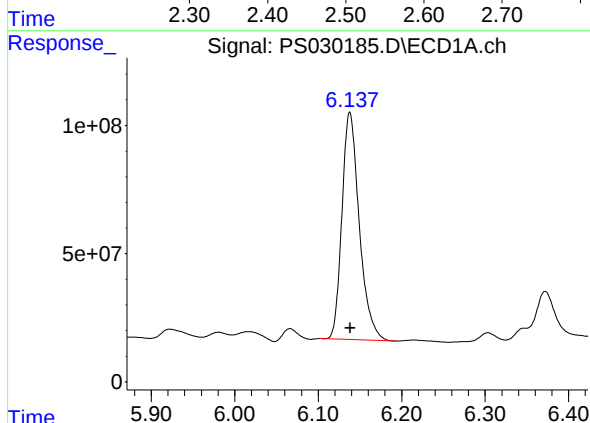
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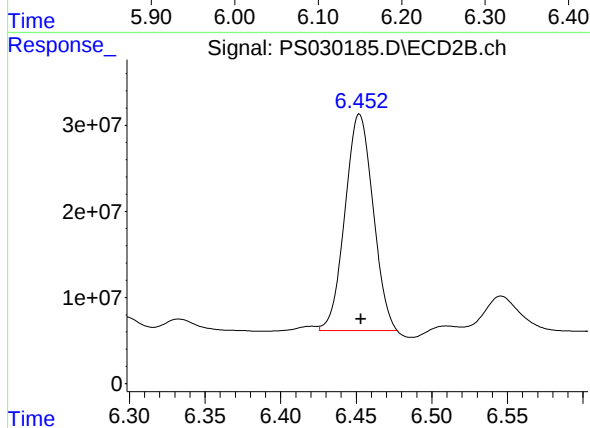
#1 Dalapon

R.T.: 2.517 min  
Delta R.T.: -0.004 min  
Response: 834599734  
Conc: 410.92 ng/ml m



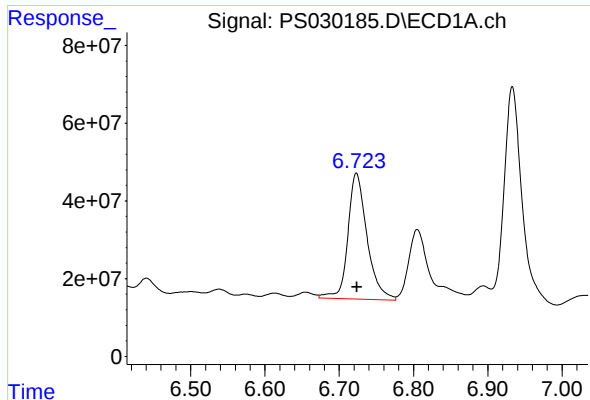
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.138 min  
Delta R.T.: 0.000 min  
Response: 1279752773  
Conc: 306.85 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min  
Delta R.T.: -0.001 min  
Response: 325242449  
Conc: 278.98 ng/ml m



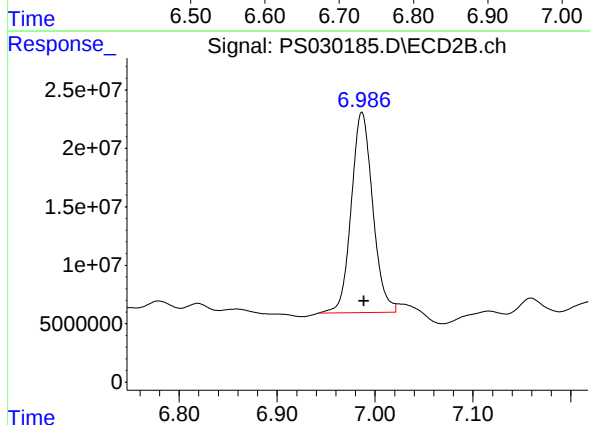
#3 4-Nitrophenol

R.T.: 6.723 min  
Delta R.T.: 0.000 min  
Response: 583378401  
Conc: 282.42 ng/ml

Instrument :  
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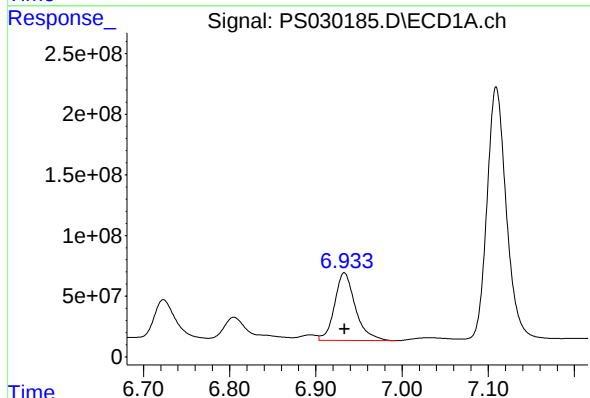
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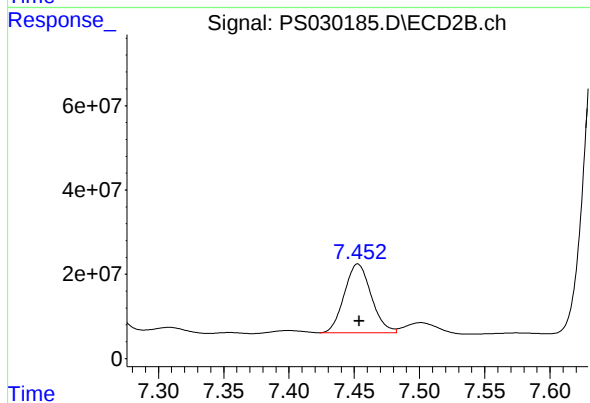
#3 4-Nitrophenol

R.T.: 6.986 min  
Delta R.T.: -0.002 min  
Response: 261285965  
Conc: 250.27 ng/ml m



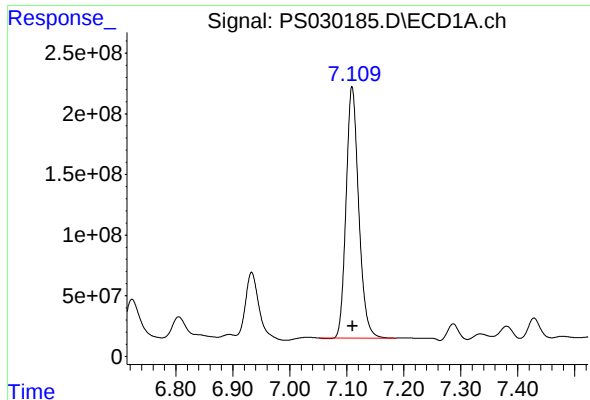
#4 2,4-DCAA

R.T.: 6.933 min  
Delta R.T.: 0.000 min  
Response: 933810492  
Conc: 327.90 ng/ml



#4 2,4-DCAA

R.T.: 7.452 min  
Delta R.T.: -0.002 min  
Response: 234961017  
Conc: 293.63 ng/ml m



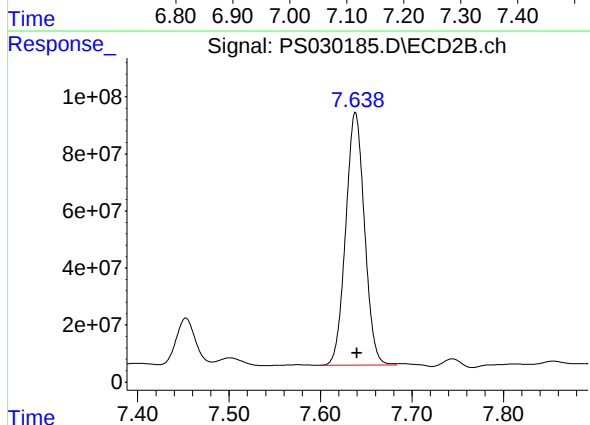
#5 DICAMBA

R.T.: 7.109 min  
Delta R.T.: 0.000 min  
Response: 3193803093  
Conc: 276.34 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
OR-636-COMP-11MS

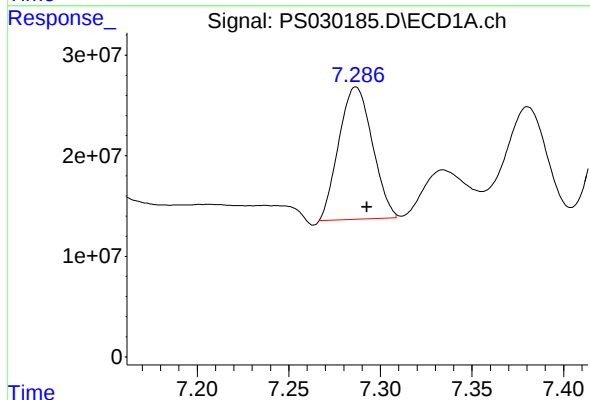
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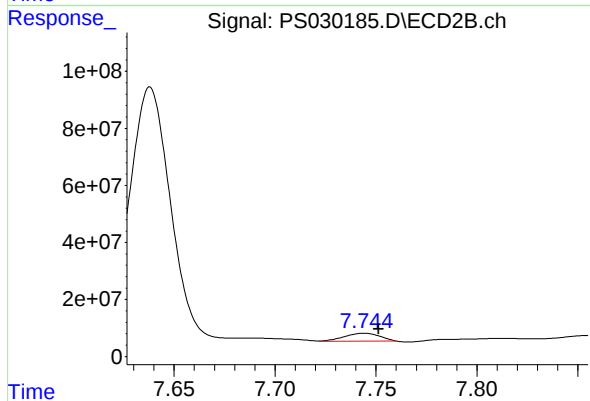
#5 DICAMBA

R.T.: 7.638 min  
Delta R.T.: -0.002 min  
Response: 1266383503  
Conc: 267.85 ng/ml m



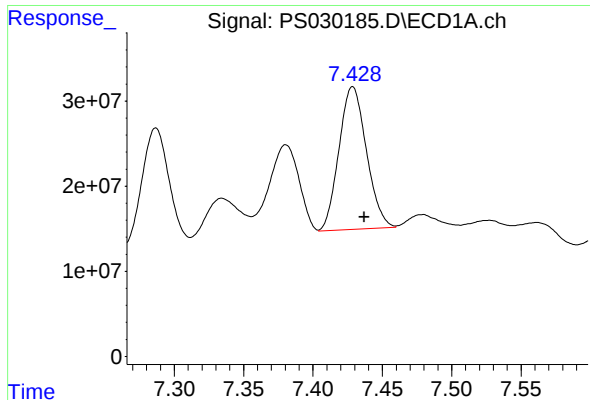
#6 MCPP

R.T.: 7.286 min  
Delta R.T.: -0.006 min  
Response: 167669932  
Conc: 23.02 ug/ml m



#6 MCPP

R.T.: 7.744 min  
Delta R.T.: -0.007 min  
Response: 33207076  
Conc: 18.05 ug/ml m



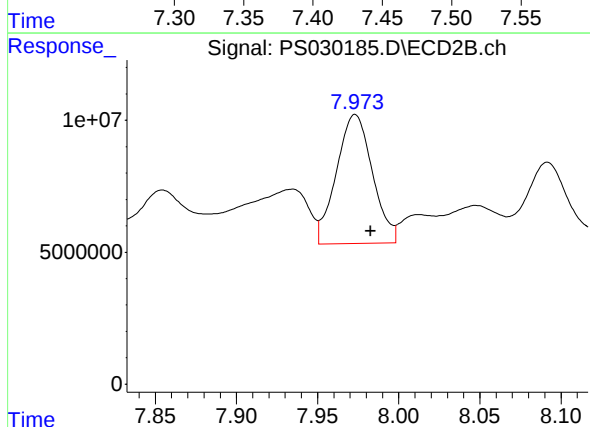
#7 MCPA

R.T.: 7.429 min  
Delta R.T.: -0.008 min  
Response: 230896227  
Conc: 22.24 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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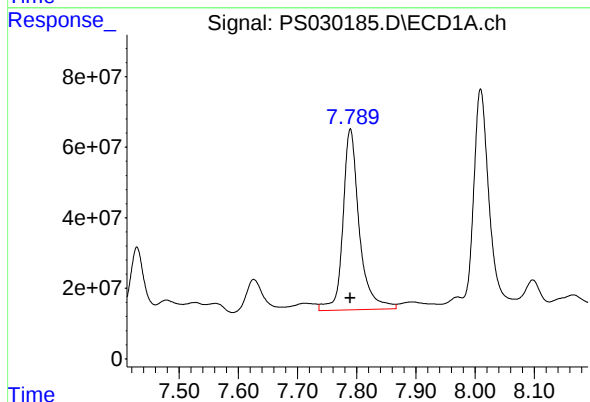
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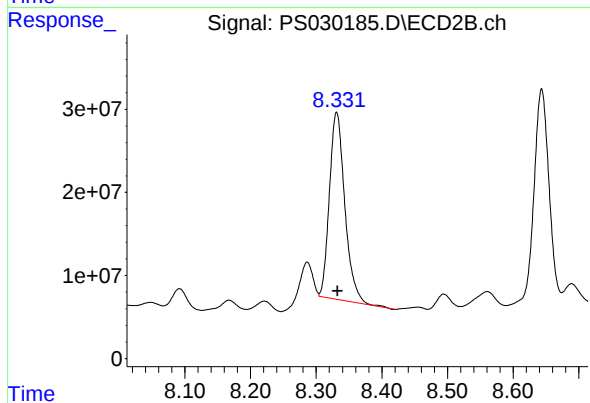
#7 MCPA

R.T.: 7.973 min  
Delta R.T.: -0.010 min  
Response: 75630282  
Conc: 28.67 ug/ml



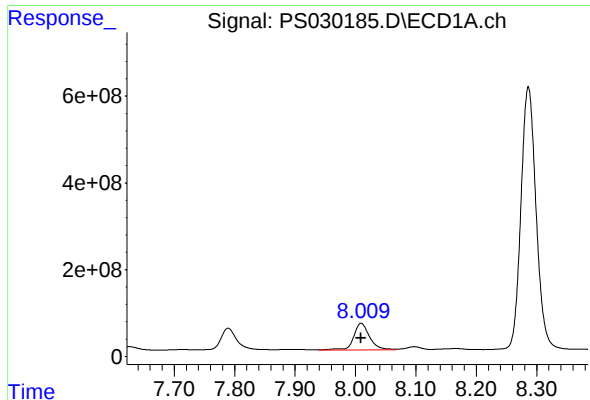
#8 DICHLORPROP

R.T.: 7.789 min  
Delta R.T.: 0.000 min  
Response: 985939631  
Conc: 337.50 ng/ml



#8 DICHLORPROP

R.T.: 8.331 min  
Delta R.T.: -0.002 min  
Response: 366680284  
Conc: 310.37 ng/ml



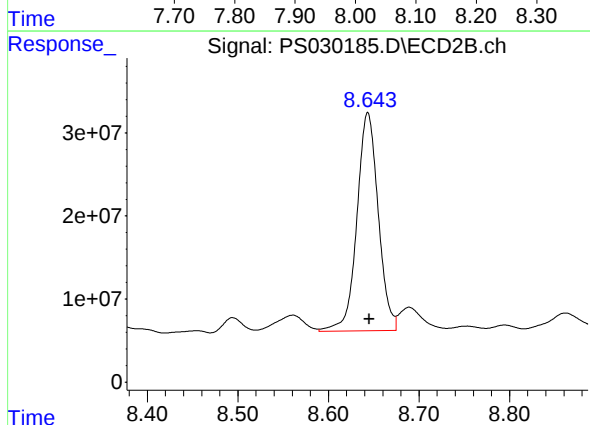
#9 2,4-D

R.T.: 8.009 min  
Delta R.T.: 0.000 min  
Response: 1150127796  
Conc: 350.76 ng/ml

Instrument :  
ECD\_S  
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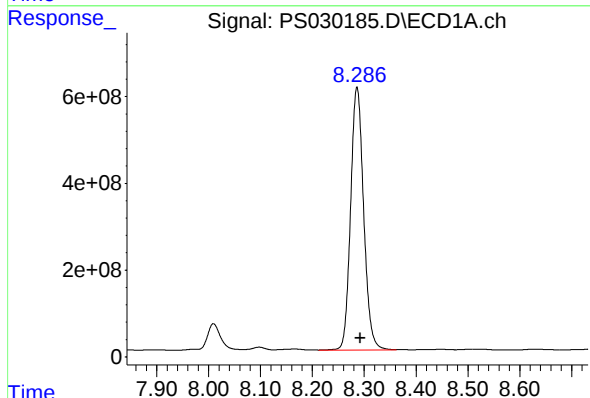
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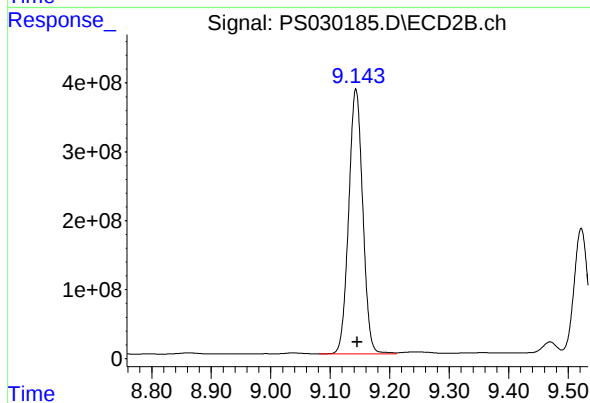
#9 2,4-D

R.T.: 8.643 min  
Delta R.T.: -0.002 min  
Response: 430801601  
Conc: 333.83 ng/ml



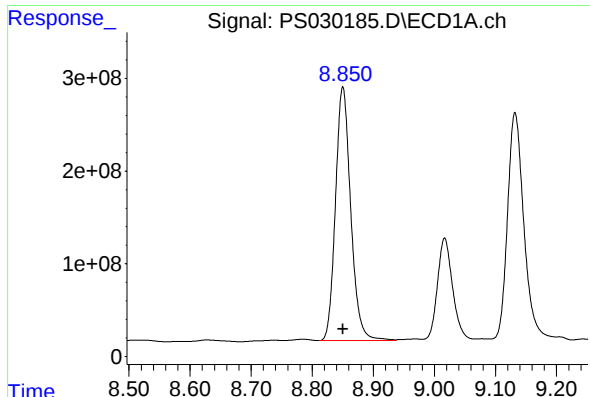
#10 Pentachlorophenol

R.T.: 8.286 min  
Delta R.T.: -0.007 min  
Response: 10571560693  
Conc: 261.02 ng/ml



#10 Pentachlorophenol

R.T.: 9.143 min  
Delta R.T.: -0.002 min  
Response: 6316954258  
Conc: 255.90 ng/ml



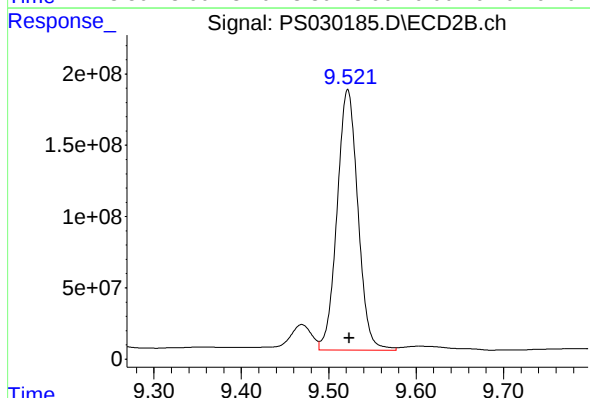
#11 2,4,5-TP (SILVEX)

R.T.: 8.850 min  
Delta R.T.: 0.000 min  
Response: 4757572890  
Conc: 293.75 ng/ml

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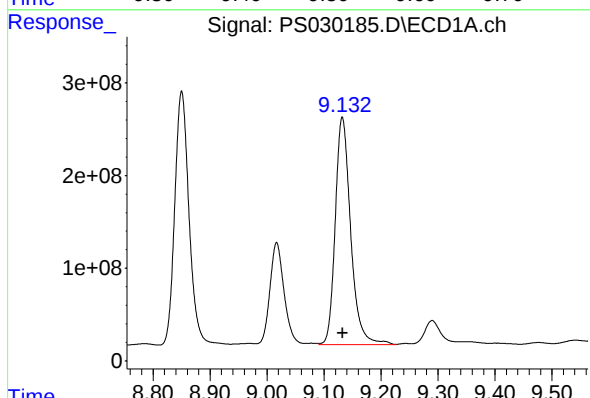
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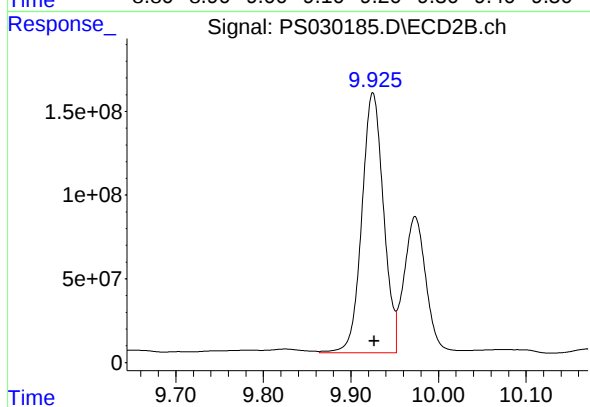
#11 2,4,5-TP (SILVEX)

R.T.: 9.522 min  
Delta R.T.: -0.001 min  
Response: 3029980216  
Conc: 307.60 ng/ml



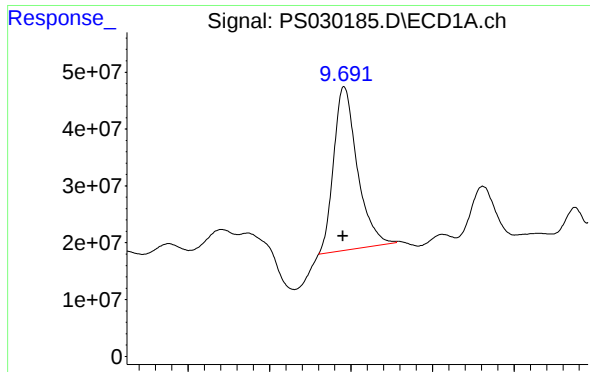
#12 2,4,5-T

R.T.: 9.132 min  
Delta R.T.: 0.000 min  
Response: 4617760554  
Conc: 279.61 ng/ml



#12 2,4,5-T

R.T.: 9.925 min  
Delta R.T.: -0.002 min  
Response: 2670149311  
Conc: 290.12 ng/ml



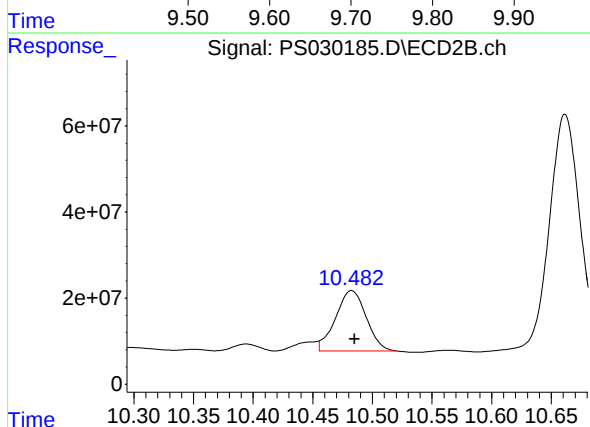
#13 2,4-DB

R.T.: 9.691 min  
Delta R.T.: 0.000 min  
Response: 579713128  
Conc: 222.13 ng/ml

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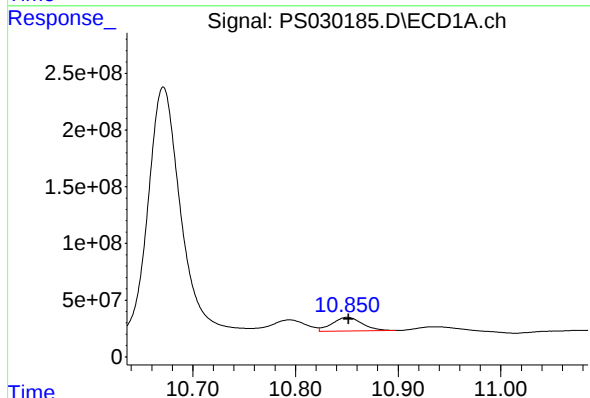
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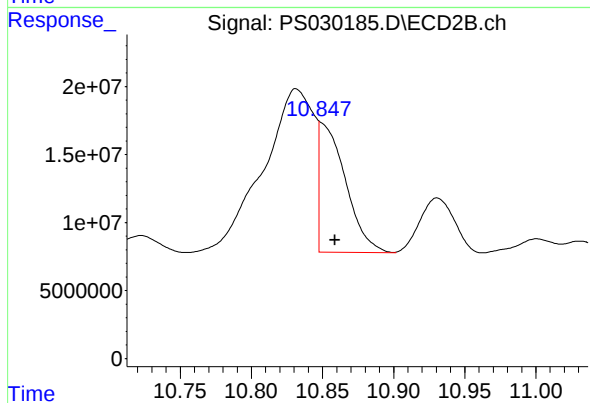
#13 2,4-DB

R.T.: 10.482 min  
Delta R.T.: -0.003 min  
Response: 251034982  
Conc: 252.96 ng/ml m



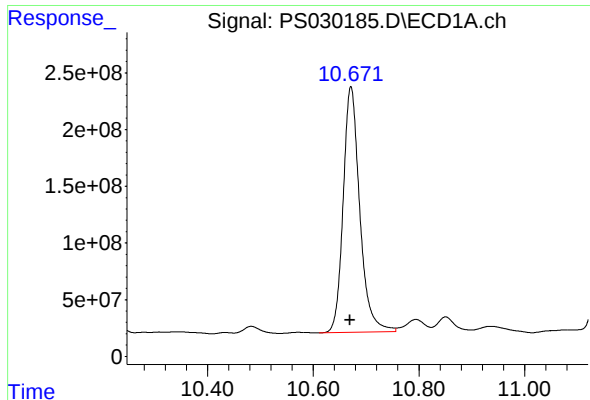
#14 DINOSEB

R.T.: 10.851 min  
Delta R.T.: 0.000 min  
Response: 243393484  
Conc: 21.28 ng/ml



#14 DINOSEB

R.T.: 10.847 min  
Delta R.T.: -0.011 min  
Response: 120247955  
Conc: 17.60 ng/ml m



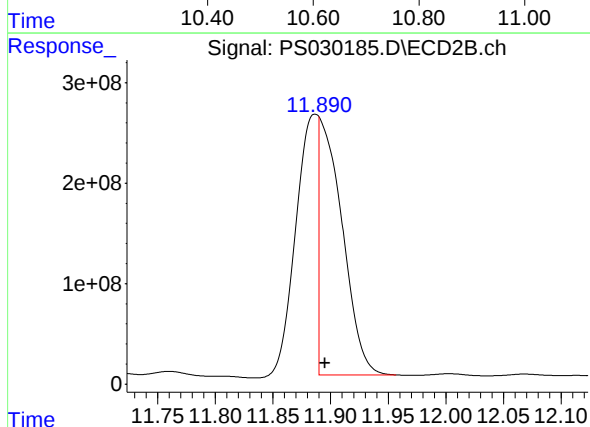
#15 Picloram

R.T.: 10.671 min  
Delta R.T.: 0.001 min  
Response: 4725315990  
Conc: 220.94 ng/ml

Instrument :  
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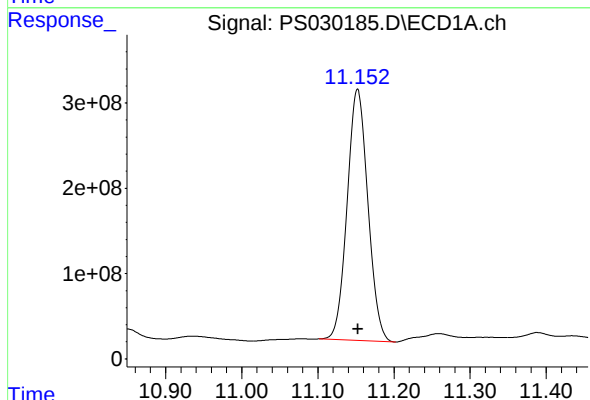
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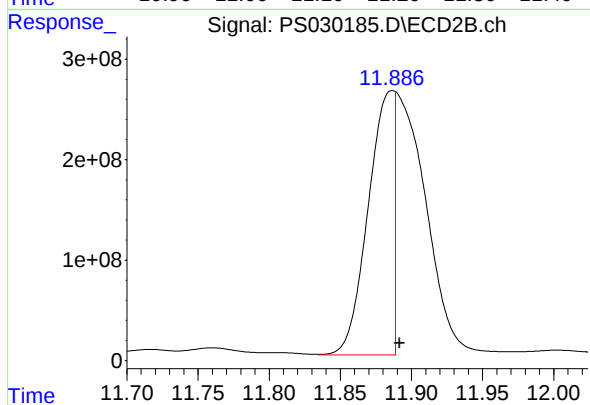
#15 Picloram

R.T.: 11.890 min  
Delta R.T.: -0.005 min  
Response: 3526730050  
Conc: 250.60 ng/ml m



#16 DCPA

R.T.: 11.152 min  
Delta R.T.: 0.000 min  
Response: 5605120837  
Conc: 281.50 ng/ml



#16 DCPA

R.T.: 11.886 min  
Delta R.T.: -0.006 min  
Response: 3352809636  
Conc: 248.16 ng/ml m