

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS110422\  
 Data File : PS021035.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Nov 2022 14:07  
 Operator : AR\AJ  
 Sample : N5395-01MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 S-1-103122MS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 11/07/2022  
 Supervised By : Ankita Jodhani 11/07/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 05 07:33:08 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS102822.M  
 Quant Title : 8080.M  
 QLast Update : Mon Oct 31 10:07:57 2022  
 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 x 0.5 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     | 6.409  | 6.847  | 488.2E6  | 302.6E6  | 233.924  | 218.779   |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 2.508  | 2.582  | 786.7E6  | 434.8E6  | 297.260  | 239.068m  |
| 2) T                        | 3,5-DICHL... | 5.777  | 6.018  | 558.4E6  | 372.6E6  | 182.363  | 182.543   |
| 3) T                        | 4-Nitroph... | 6.248  | 6.458  | 248.1E6  | 129.1E6  | 164.969  | 150.200   |
| 5) T                        | DICAMBA      | 6.553  | 7.012  | 1862.7E6 | 1294.4E6 | 210.834  | 208.439   |
| 6) T                        | MCPD         | 6.706  | 7.106  | 103.7E6  | 70180927 | 15.895   | 14.772    |
| 7) T                        | MCPA         | 6.831  | 7.317  | 165.4E6  | 142.1E6  | 17.629   | 20.940    |
| 8) T                        | DICHLORPROP  | 7.153  | 7.639  | 383.8E6  | 291.1E6  | 168.133  | 189.041   |
| 9) T                        | 2,4-D        | 7.355  | 7.930  | 589.9E6  | 389.3E6  | 211.070  | 207.881   |
| 10) T                       | Pentachlo... | 7.586  | 8.361  | 3677.0E6 | 2455.8E6 | 116.697m | 115.777   |
| 11) T                       | 2,4,5-TP ... | 8.114  | 8.722  | 1995.6E6 | 1370.0E6 | 150.218  | 152.661   |
| 12) T                       | 2,4,5-T      | 8.373  | 9.099  | 2376.7E6 | 1486.4E6 | 178.613  | 172.389   |
| 13) T                       | 2,4-DB       | 8.885  | 9.609  | 343.8E6  | 206.8E6  | 124.616  | 185.762 # |
| 14) T                       | DINOSEB      | 9.941  | 9.937  | 162.2E6  | 82039339 | 14.938m  | 12.816m   |
| 15) T                       | Picloram     | 9.775  | 10.911 | 4477.3E6 | 2861.7E6 | 211.965  | 225.551   |
| 16) T                       | DCPA         | 10.208 | 10.867 | 5157.0E6 | 3020.0E6 | 284.958  | 282.824   |
| -----                       |              |        |        |          |          |          |           |

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

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Misc :  
ALS Vial : 9 Sample Multiplier: 1

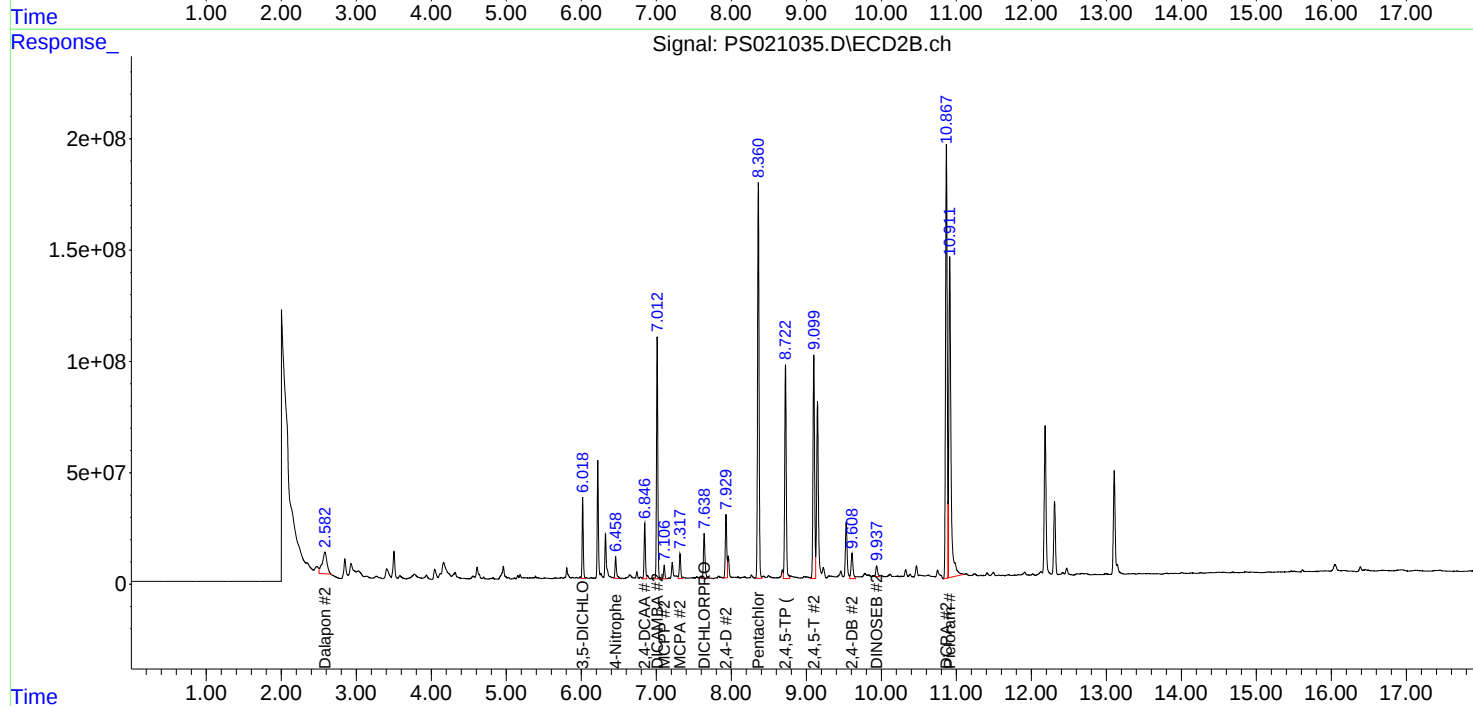
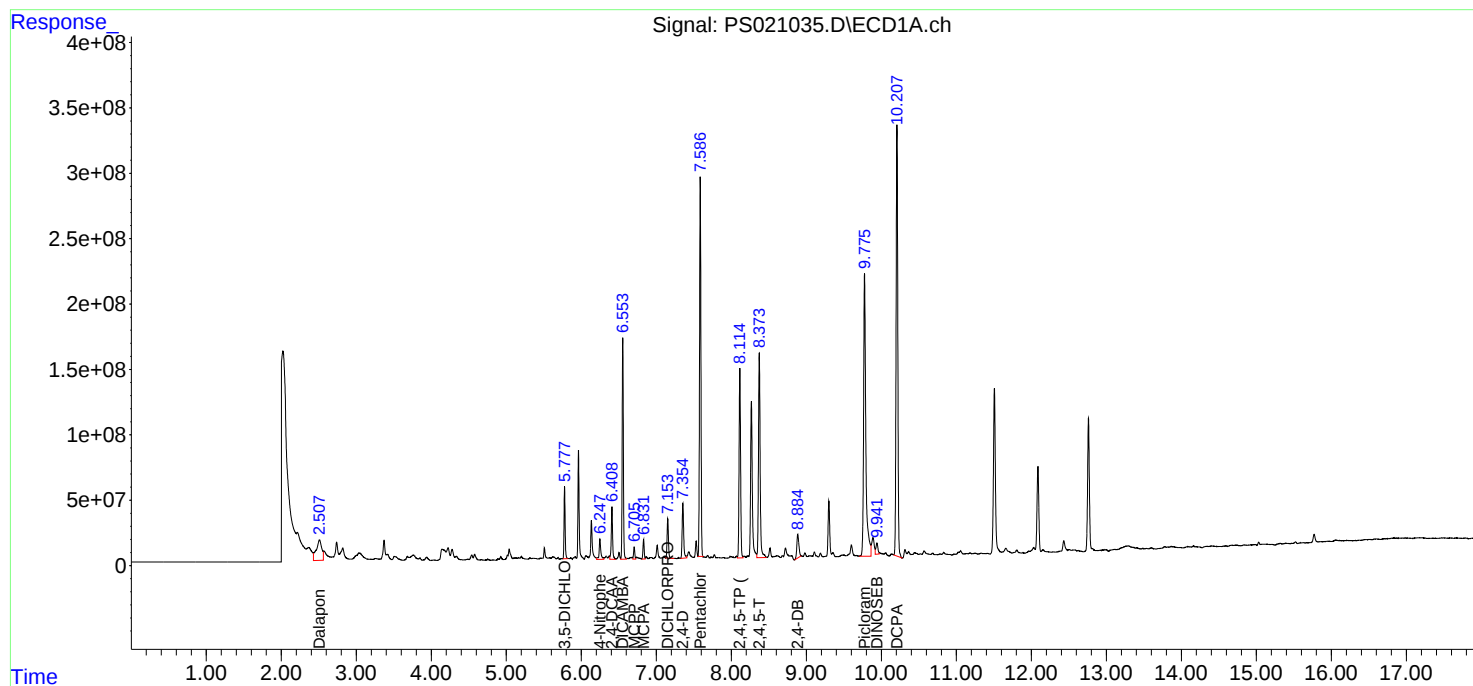
Instrument :  
ECD\_S  
ClientSampleId :  
S-1-103122MS

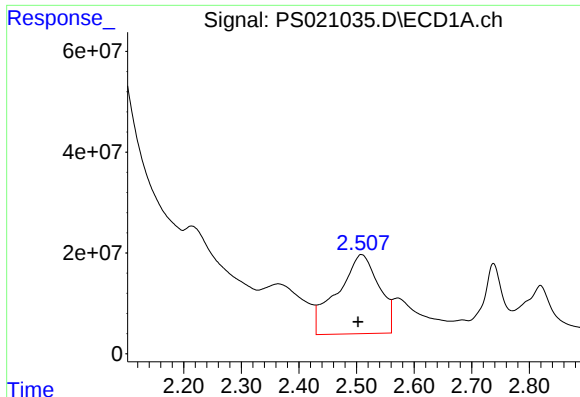
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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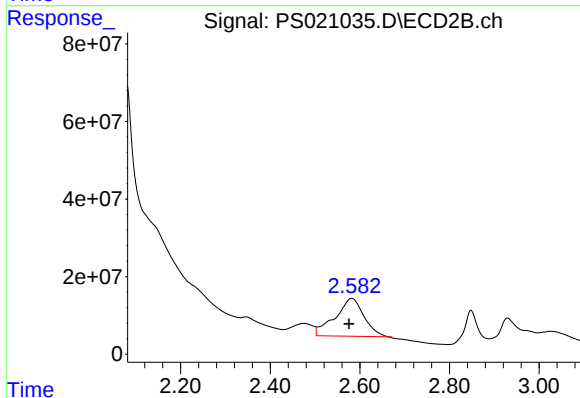
#1 Dalapon

R.T.: 2.508 min  
Delta R.T.: 0.005 min  
Response: 786706263  
Conc: 297.26 ng/ml

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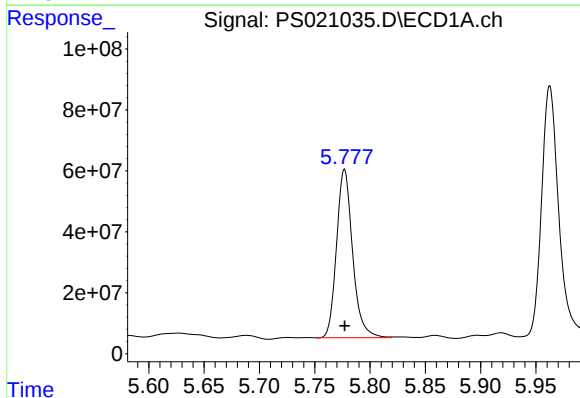
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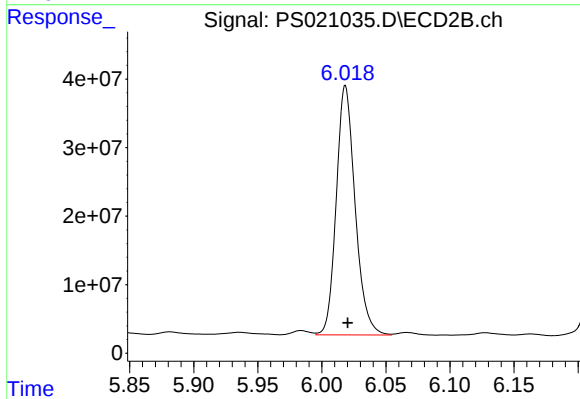
#1 Dalapon

R.T.: 2.582 min  
Delta R.T.: 0.006 min  
Response: 434805654  
Conc: 239.07 ng/ml m



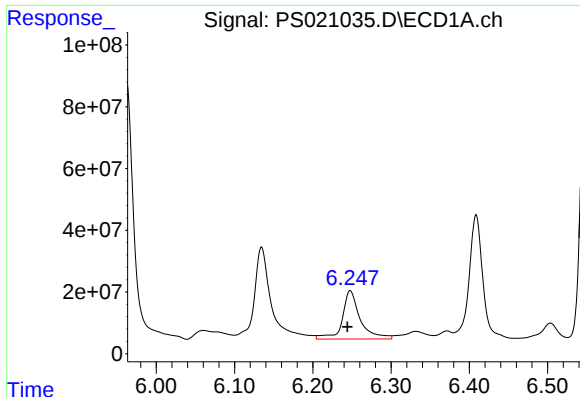
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.777 min  
Delta R.T.: 0.000 min  
Response: 558445823  
Conc: 182.36 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.018 min  
Delta R.T.: -0.002 min  
Response: 372554740  
Conc: 182.54 ng/ml



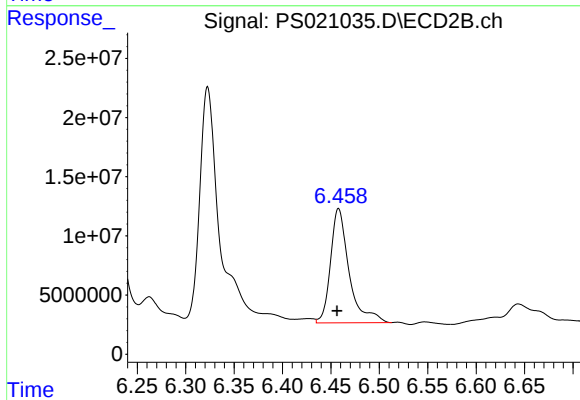
#3 4-Nitrophenol

R.T.: 6.248 min  
Delta R.T.: 0.004 min  
Response: 248123844  
Conc: 164.97 ng/ml

Instrument :  
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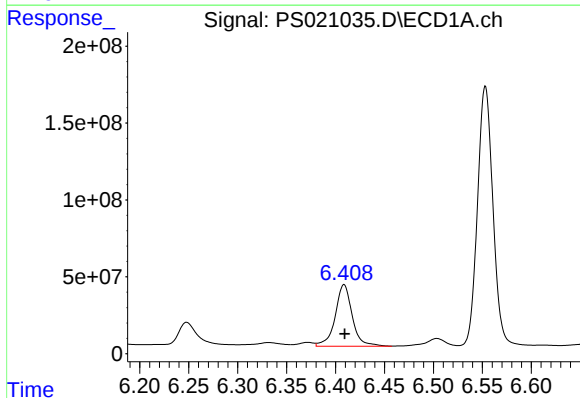
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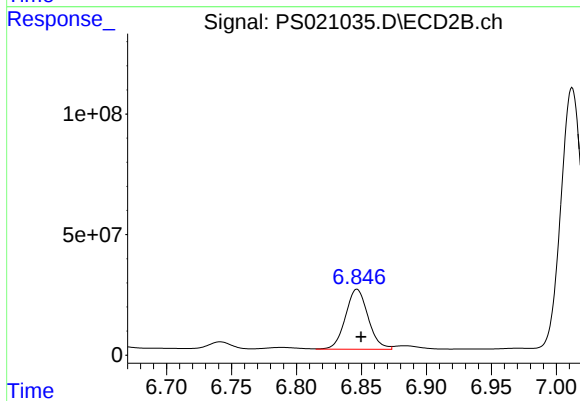
#3 4-Nitrophenol

R.T.: 6.458 min  
Delta R.T.: 0.002 min  
Response: 129139589  
Conc: 150.20 ng/ml



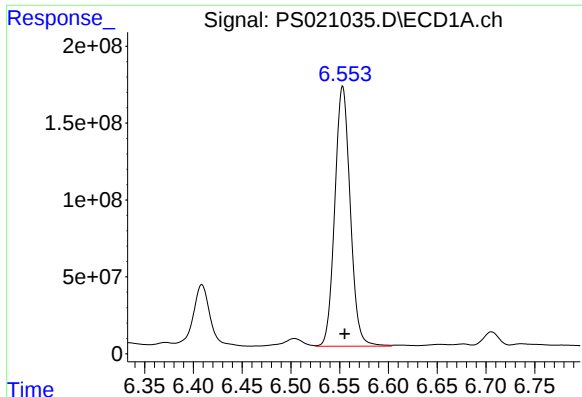
#4 2,4-DCAA

R.T.: 6.409 min  
Delta R.T.: 0.000 min  
Response: 488217616  
Conc: 233.92 ng/ml



#4 2,4-DCAA

R.T.: 6.847 min  
Delta R.T.: -0.003 min  
Response: 302603208  
Conc: 218.78 ng/ml



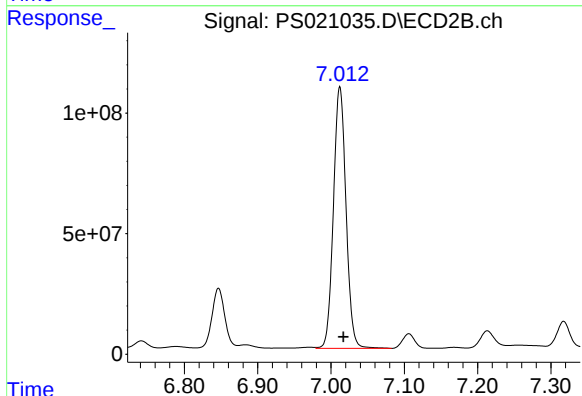
#5 DICAMBA

R.T.: 6.553 min  
Delta R.T.: -0.002 min  
Response: 1862657926  
Conc: 210.83 ng/ml

Instrument :  
ECD\_S  
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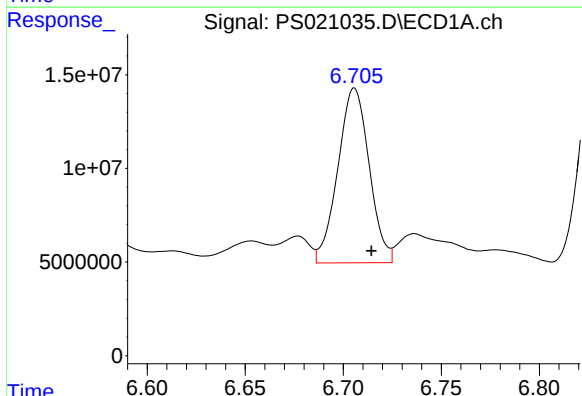
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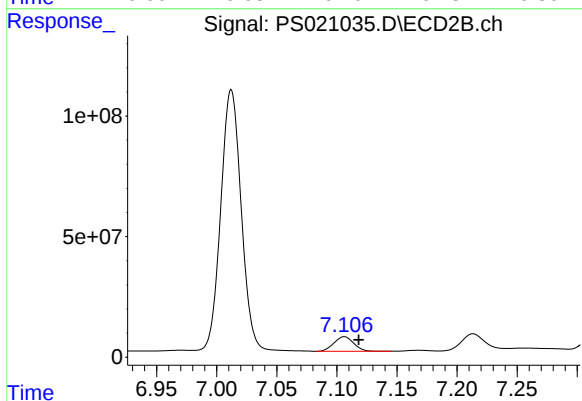
#5 DICAMBA

R.T.: 7.012 min  
Delta R.T.: -0.005 min  
Response: 1294427658  
Conc: 208.44 ng/ml



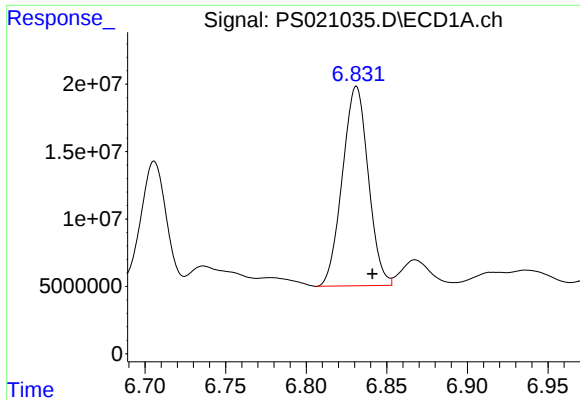
#6 MCP

R.T.: 6.706 min  
Delta R.T.: -0.009 min  
Response: 103741649  
Conc: 15.90 ug/ml



#6 MCP

R.T.: 7.106 min  
Delta R.T.: -0.012 min  
Response: 70180927  
Conc: 14.77 ug/ml



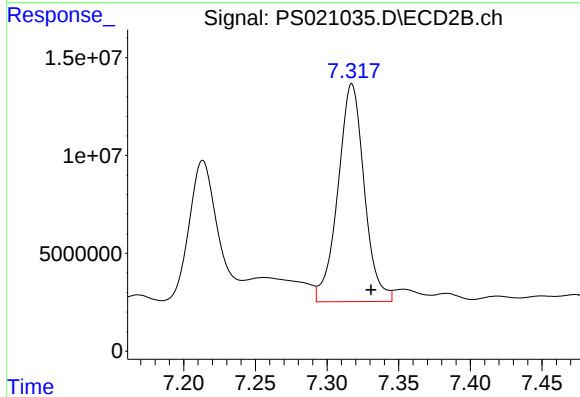
#7 MCPA

R.T.: 6.831 min  
Delta R.T.: -0.010 min  
Response: 165408285  
Conc: 17.63 ug/ml

Instrument :  
ECD\_S  
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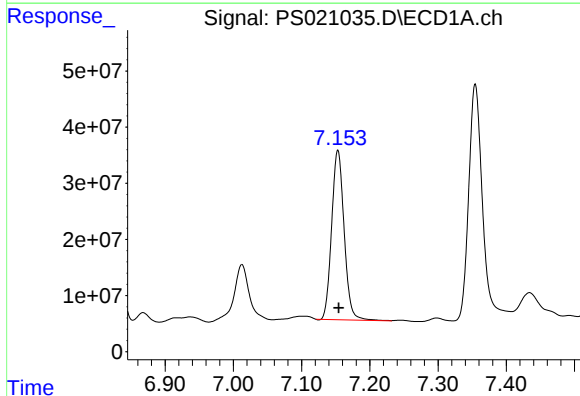
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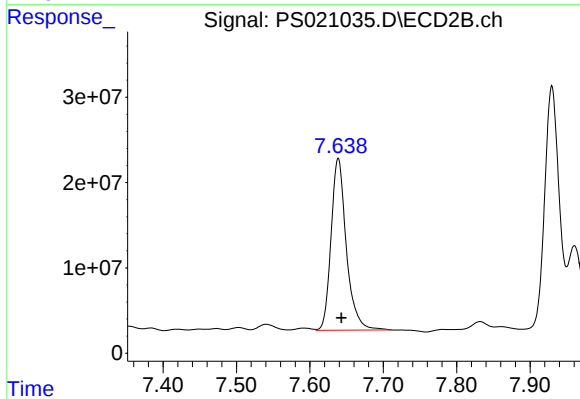
#7 MCPA

R.T.: 7.317 min  
Delta R.T.: -0.013 min  
Response: 142085186  
Conc: 20.94 ug/ml



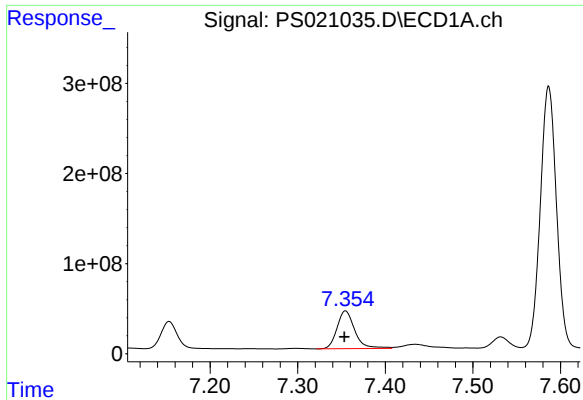
#8 DICHLORPROP

R.T.: 7.153 min  
Delta R.T.: -0.001 min  
Response: 383786140  
Conc: 168.13 ng/ml



#8 DICHLORPROP

R.T.: 7.639 min  
Delta R.T.: -0.005 min  
Response: 291088980  
Conc: 189.04 ng/ml



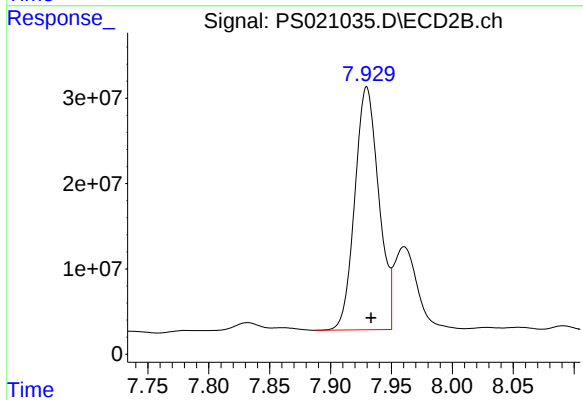
#9 2,4-D

R.T.: 7.355 min  
Delta R.T.: 0.001 min  
Response: 589887490  
Conc: 211.07 ng/ml

Instrument :  
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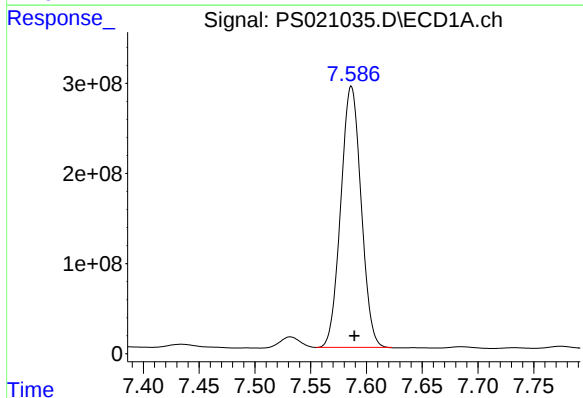
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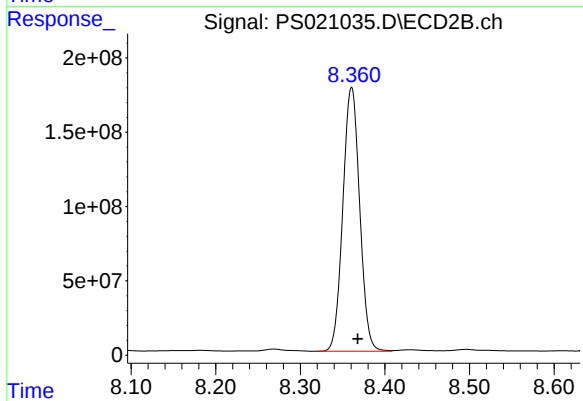
#9 2,4-D

R.T.: 7.930 min  
Delta R.T.: -0.003 min  
Response: 389330832  
Conc: 207.88 ng/ml



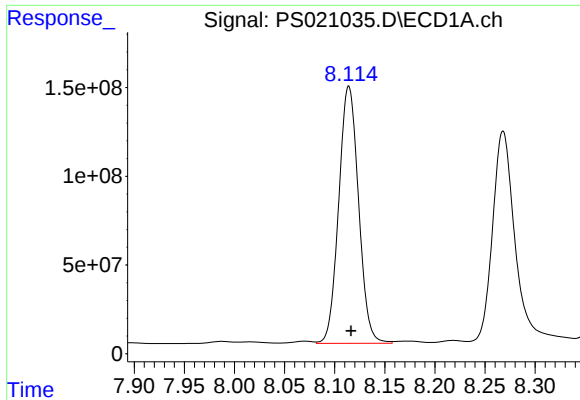
#10 Pentachlorophenol

R.T.: 7.586 min  
Delta R.T.: -0.003 min  
Response: 3677015299  
Conc: 116.70 ng/ml m



#10 Pentachlorophenol

R.T.: 8.361 min  
Delta R.T.: -0.007 min  
Response: 2455849922  
Conc: 115.78 ng/ml



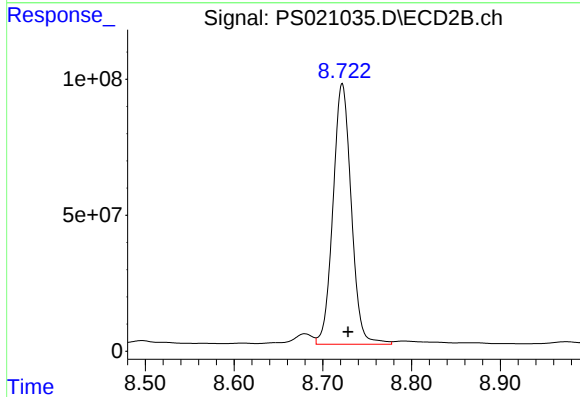
#11 2,4,5-TP (SILVEX)

R.T.: 8.114 min  
Delta R.T.: -0.002 min  
Response: 1995605222  
Conc: 150.22 ng/ml

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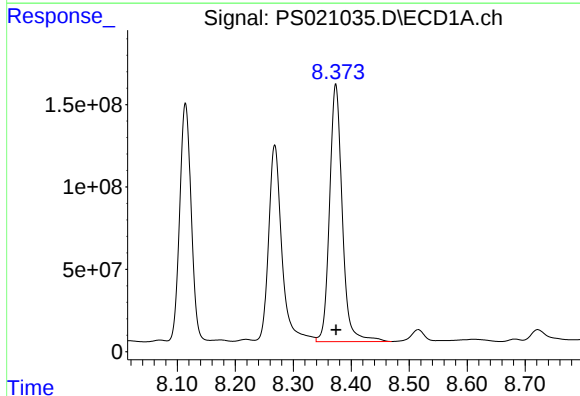
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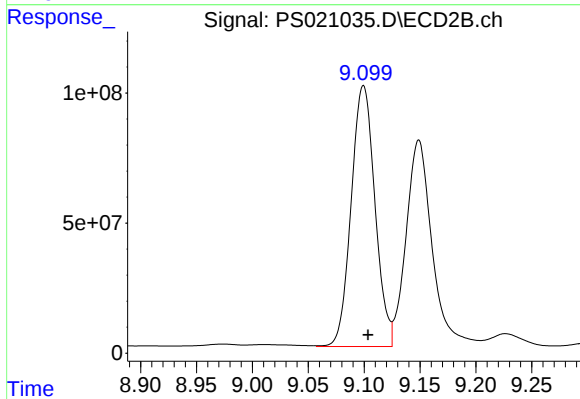
#11 2,4,5-TP (SILVEX)

R.T.: 8.722 min  
Delta R.T.: -0.007 min  
Response: 1369955075  
Conc: 152.66 ng/ml



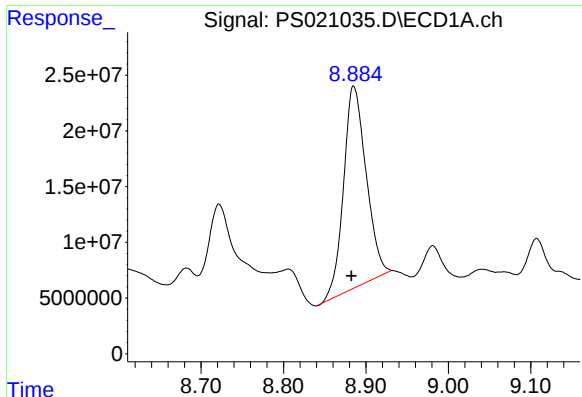
#12 2,4,5-T

R.T.: 8.373 min  
Delta R.T.: 0.000 min  
Response: 2376727618  
Conc: 178.61 ng/ml



#12 2,4,5-T

R.T.: 9.099 min  
Delta R.T.: -0.004 min  
Response: 1486351568  
Conc: 172.39 ng/ml



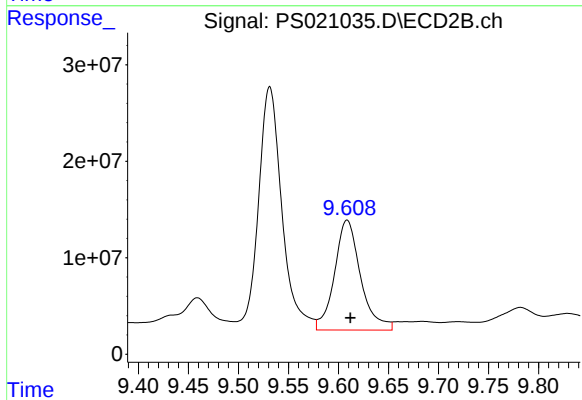
#13 2,4-DB

R.T.: 8.885 min  
Delta R.T.: 0.003 min  
Response: 343812861  
Conc: 124.62 ng/ml

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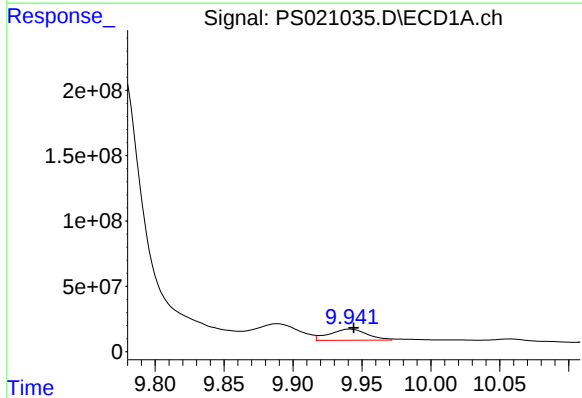
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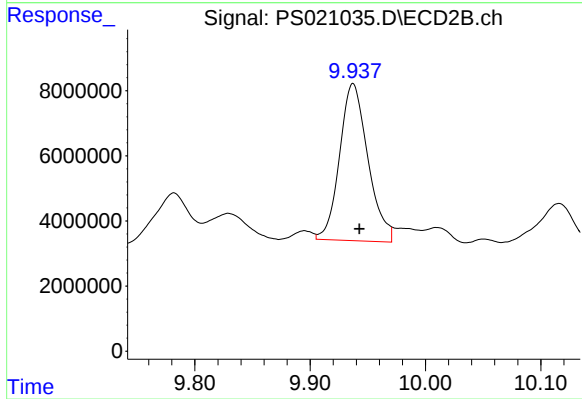
#13 2,4-DB

R.T.: 9.609 min  
Delta R.T.: -0.003 min  
Response: 206758326  
Conc: 185.76 ng/ml



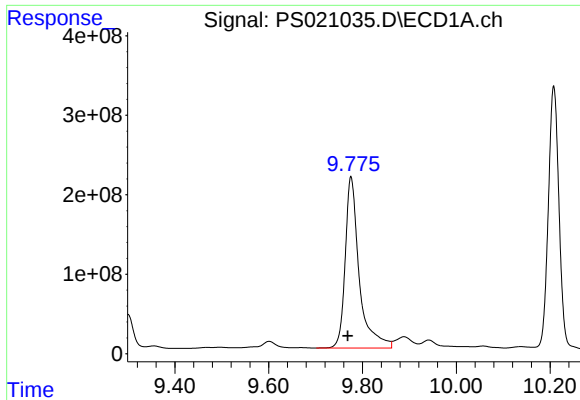
#14 DINOSEB

R.T.: 9.941 min  
Delta R.T.: -0.003 min  
Response: 162184013  
Conc: 14.94 ng/ml m



#14 DINOSEB

R.T.: 9.937 min  
Delta R.T.: -0.006 min  
Response: 82039339  
Conc: 12.82 ng/ml m



#15 Picloram

R.T.: 9.775 min  
Delta R.T.: 0.007 min  
Response: 4477284625  
Conc: 211.96 ng/ml

Instrument :

ECD\_S

ClientSampleId :

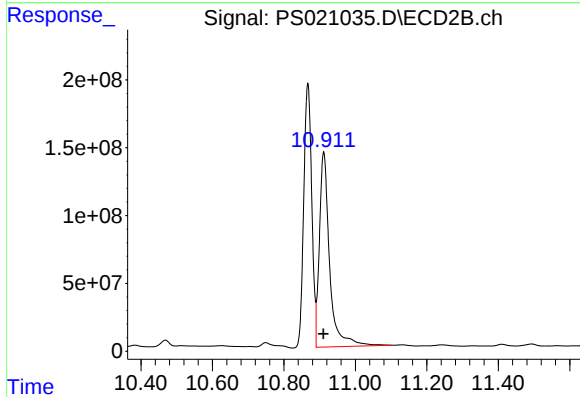
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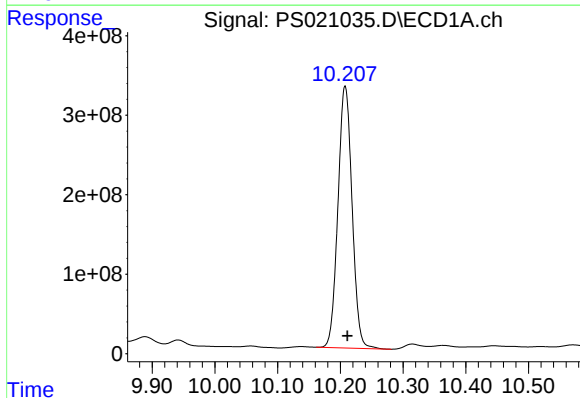
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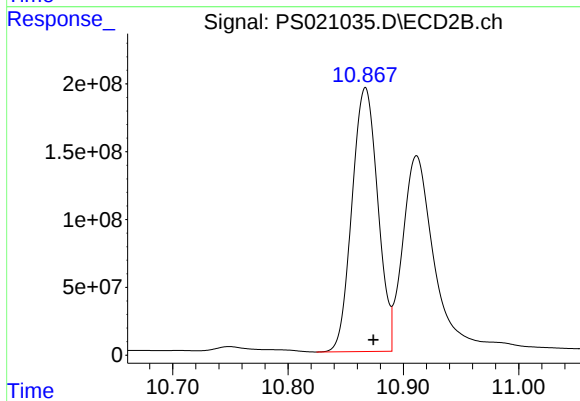
#15 Picloram

R.T.: 10.911 min  
Delta R.T.: 0.000 min  
Response: 2861667832  
Conc: 225.55 ng/ml



#16 DCPA

R.T.: 10.208 min  
Delta R.T.: -0.003 min  
Response: 5156971233  
Conc: 284.96 ng/ml



#16 DCPA

R.T.: 10.867 min  
Delta R.T.: -0.007 min  
Response: 3019955893  
Conc: 282.82 ng/ml