

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS092019\  
 Data File : PS006844.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Sep 2019 12:49  
 Operator : SM\AJ  
 Sample : K4839-17  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PT-HERB-WP

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 20 23:48:42 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS092019.M  
 Quant Title : 8080.M  
 QLast Update : Fri Sep 20 11:14:00 2019  
 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     | 5.490 | 5.216 | 76562530 | 50389792 | 83.784  | 109.581 # |
| Target Compounds            |              |       |       |          |          |         |           |
| 1) T                        | Dalapon      | 2.048 | 1.757 | 214.3E6  | 100.3E6  | 200.554 | 188.178   |
| 2) T                        | 3,5-DICHL... | 4.854 | 4.518 | 214.6E6  | 104.6E6  | 197.320 | 181.875   |
| 5) T                        | DICAMBA      | 5.635 | 5.340 | 1283.1E6 | 674.0E6  | 397.113 | 400.396   |
| 8) T                        | DICHLORPROP  | 6.263 | 5.880 | 274.3E6  | 157.5E6  | 357.296 | 380.289   |
| 9) T                        | 2,4-D        | 6.482 | 6.152 | 329.4E6  | 205.0E6  | 401.950 | 401.920   |
| 10) T                       | Pentachlo... | 6.740 | 6.518 | 778.5E6  | 420.7E6  | 65.323  | 66.863    |
| 11) T                       | 2,4,5-TP ... | 7.273 | 6.880 | 2024.7E6 | 1718.7E6 | 445.639 | 717.518 # |
| 12) T                       | 2,4,5-T      | 7.547 | 7.239 | 2183.3E6 | 1008.0E6 | 429.087 | 466.346m  |
| 14) T                       | DINOSEB      | 9.165 | 8.036 | 301.7E6  | 103.9E6  | 79.431  | 60.334    |
| 15) T                       | Picloram     | 9.010 | 8.977 | 1559.4E6 | 842.3E6  | 232.556 | 231.419   |
| 16) T                       | DCPA         | 9.436 | 8.930 | 2782.7E6 | 1395.1E6 | 476.871 | 439.043m  |
| -----                       |              |       |       |          |          |         |           |

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

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Misc :  
ALS Vial : 5 Sample Multiplier: 1

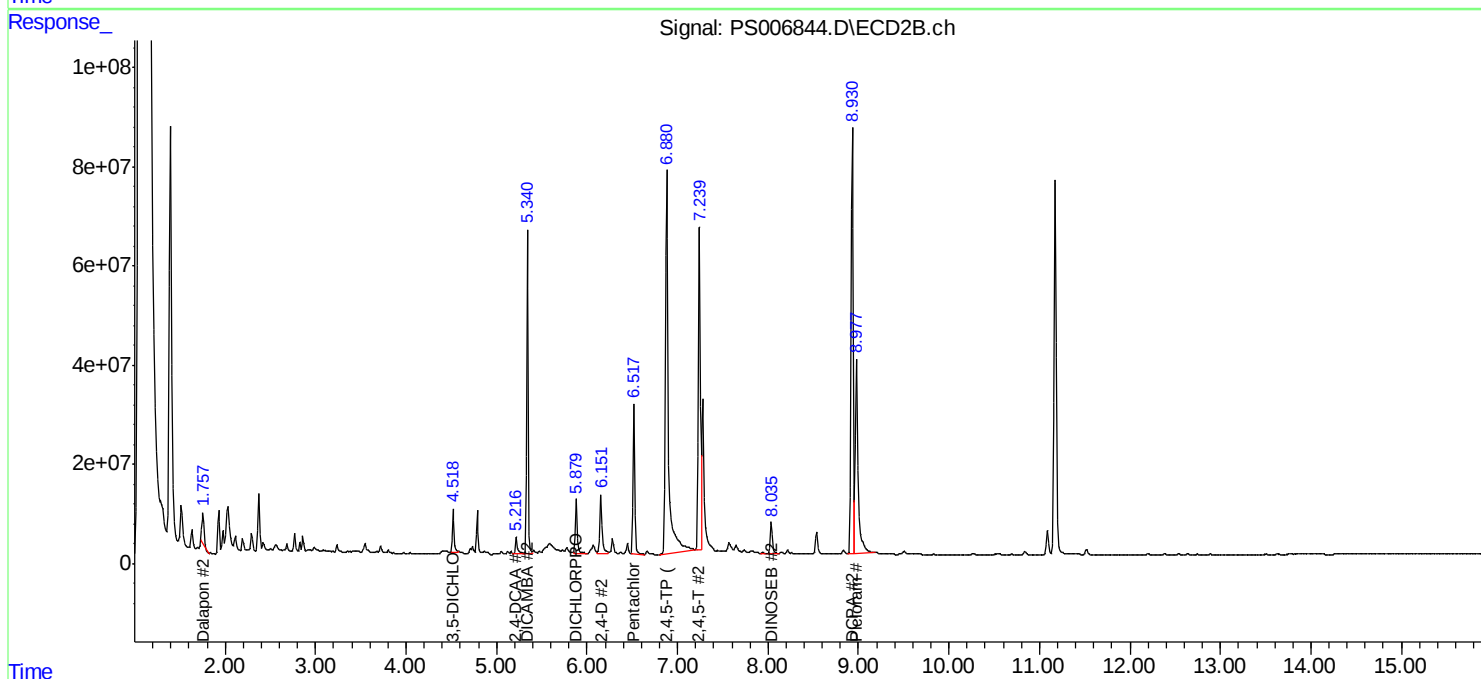
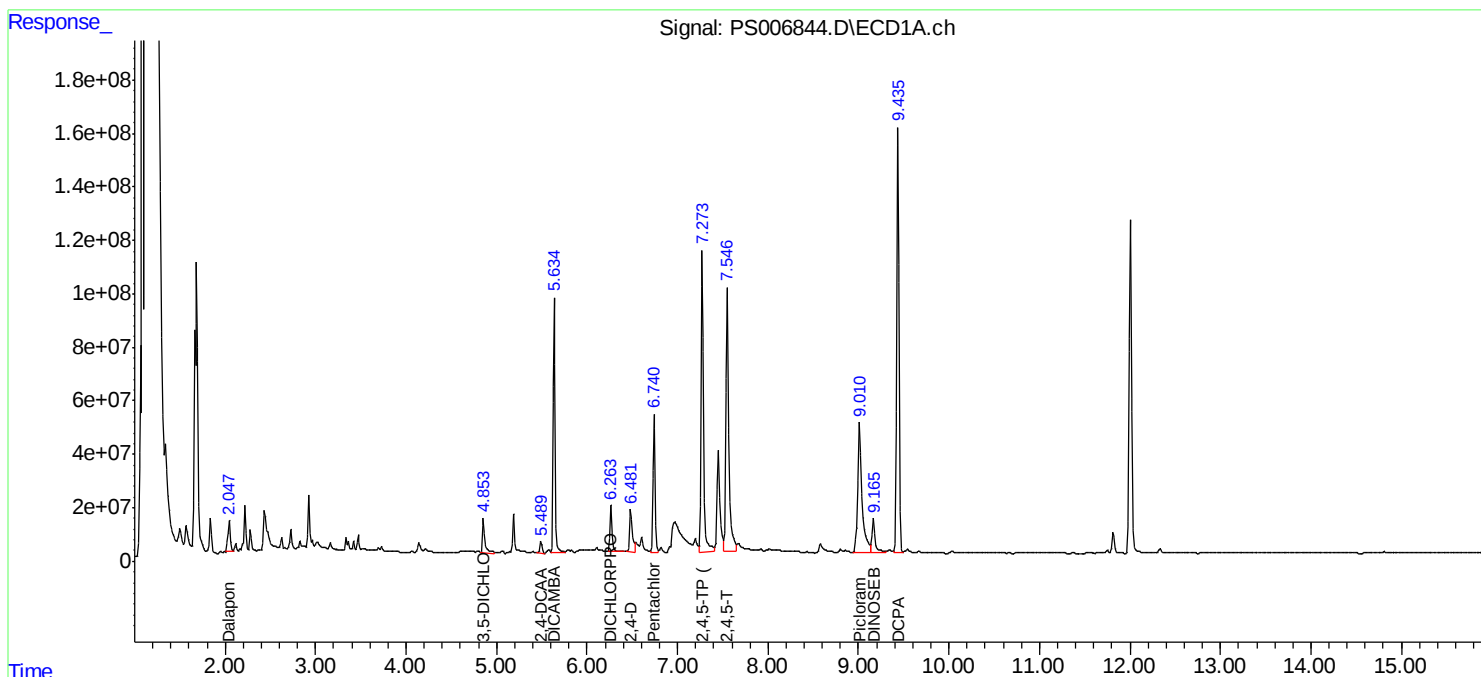
Instrument :  
ECD\_S  
ClientSampled :  
PT-HERB-WP

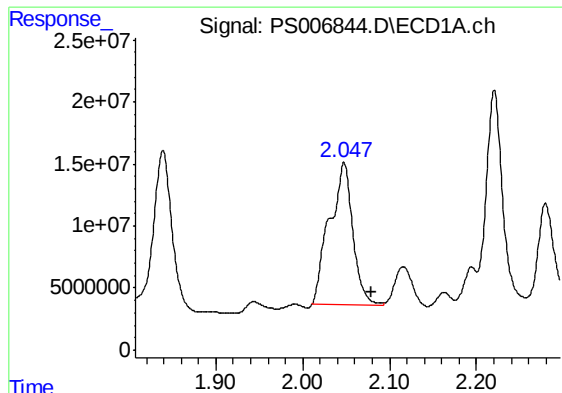
Manual Integrations  
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Integration File signal 1: autoint1.e  
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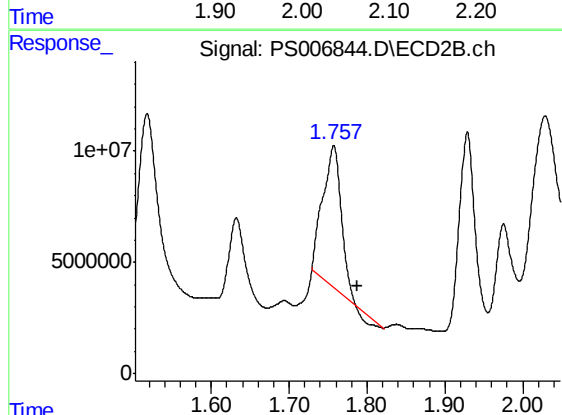
#1 Dalapon

R.T.: 2.048 min  
Delta R.T.: -0.031 min  
Response: 214273224  
Conc: 200.55 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PT-HERB-WP

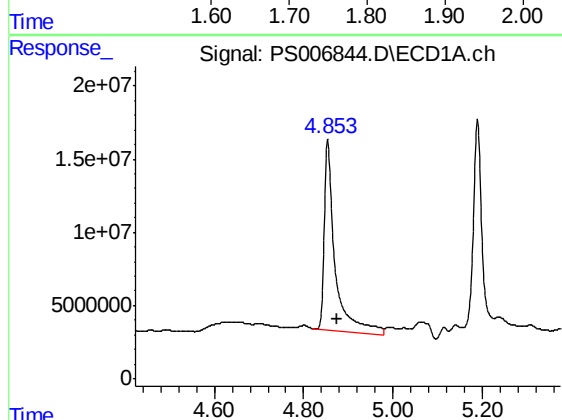
Manual Integrations  
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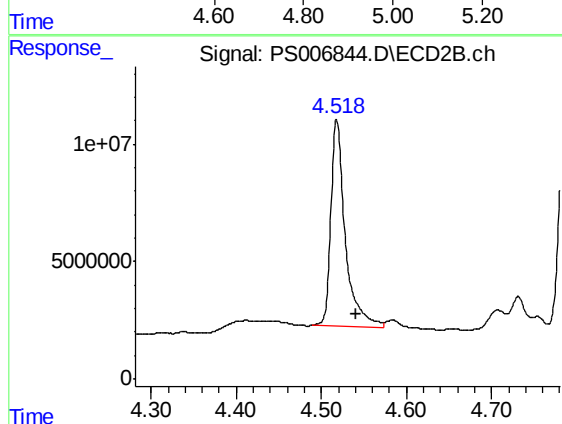
#1 Dalapon

R.T.: 1.757 min  
Delta R.T.: -0.031 min  
Response: 100312005  
Conc: 188.18 ng/ml



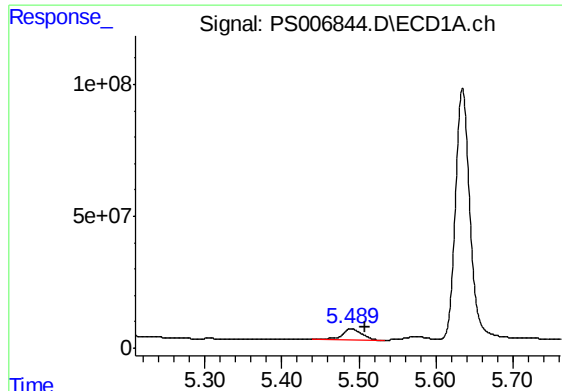
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.854 min  
Delta R.T.: -0.022 min  
Response: 214628123  
Conc: 197.32 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.518 min  
Delta R.T.: -0.023 min  
Response: 104552649  
Conc: 181.87 ng/ml



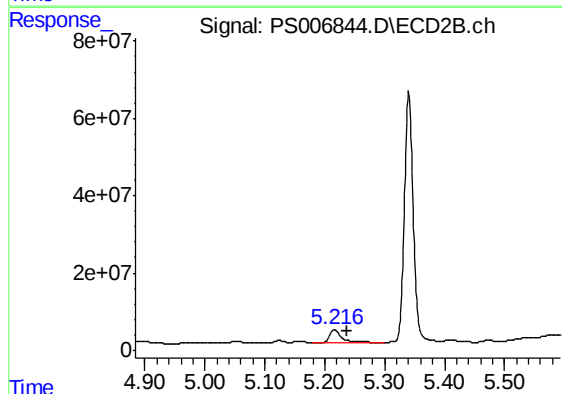
#4 2,4-DCAA

R.T.: 5.490 min  
Delta R.T.: -0.018 min  
Response: 76562530  
Conc: 83.78 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PT-HERB-WP

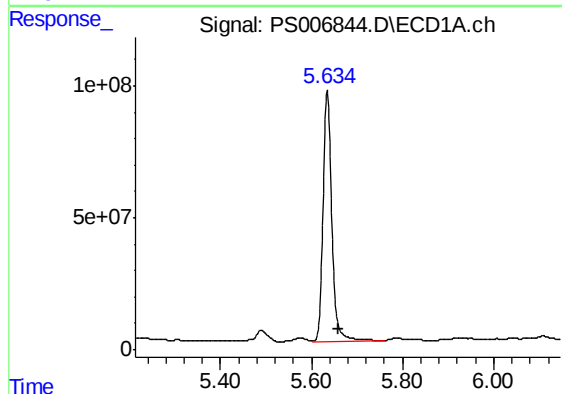
Manual Integrations  
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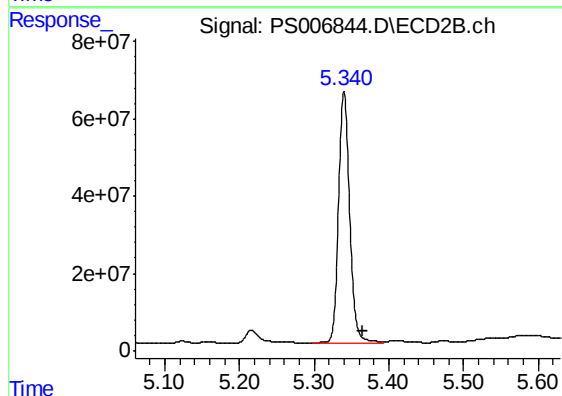
#4 2,4-DCAA

R.T.: 5.216 min  
Delta R.T.: -0.022 min  
Response: 50389792  
Conc: 109.58 ng/ml



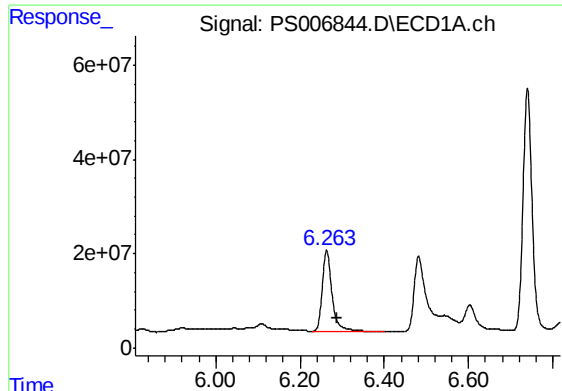
#5 DICAMBA

R.T.: 5.635 min  
Delta R.T.: -0.025 min  
Response: 1283089257  
Conc: 397.11 ng/ml



#5 DICAMBA

R.T.: 5.340 min  
Delta R.T.: -0.025 min  
Response: 673974084  
Conc: 400.40 ng/ml



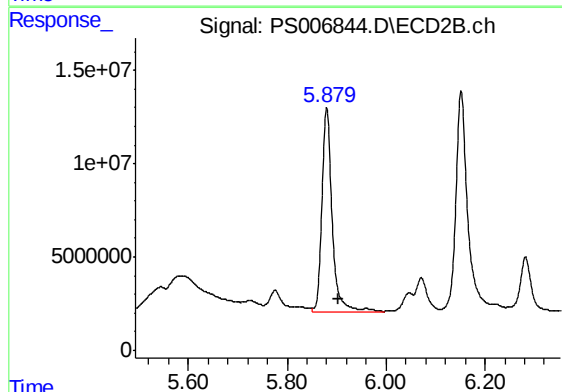
#8 DICHLORPROP

R.T.: 6.263 min  
Delta R.T.: -0.025 min  
Response: 274336116  
Conc: 357.30 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PT-HERB-WP

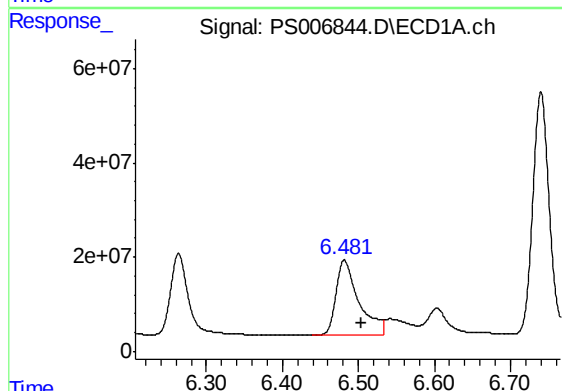
Manual Integrations  
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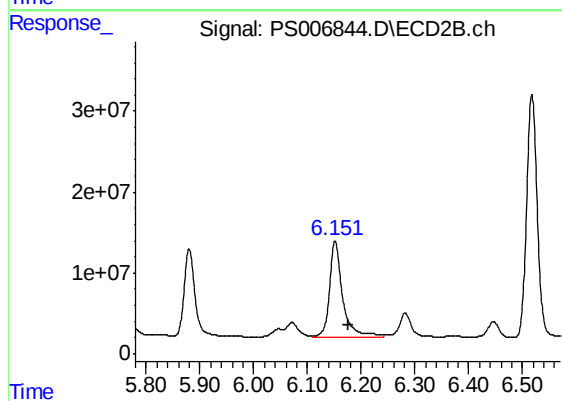
#8 DICHLORPROP

R.T.: 5.880 min  
Delta R.T.: -0.025 min  
Response: 157470050  
Conc: 380.29 ng/ml



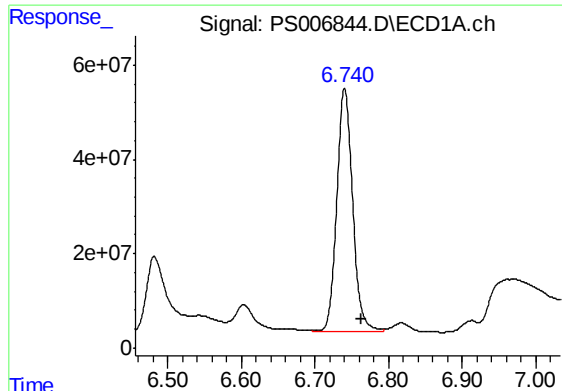
#9 2,4-D

R.T.: 6.482 min  
Delta R.T.: -0.022 min  
Response: 329403621  
Conc: 401.95 ng/ml



#9 2,4-D

R.T.: 6.152 min  
Delta R.T.: -0.024 min  
Response: 205009555  
Conc: 401.92 ng/ml



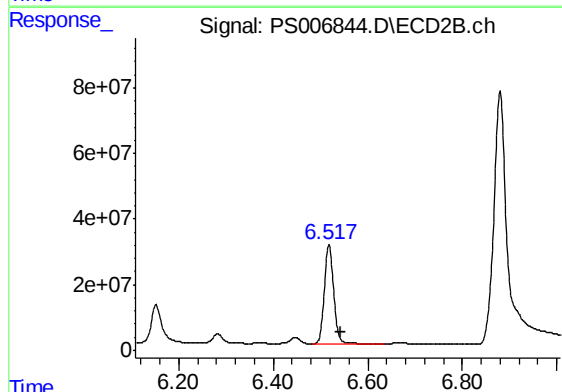
#10 Pentachlorophenol

R.T.: 6.740 min  
Delta R.T.: -0.023 min  
Response: 778524888  
Conc: 65.32 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PT-HERB-WP

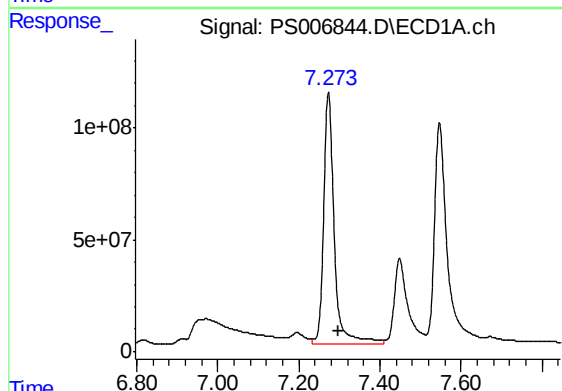
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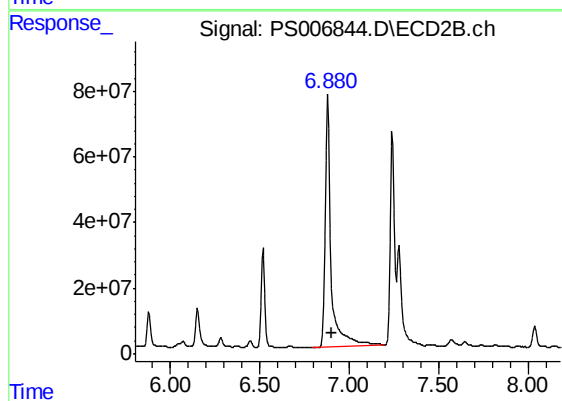
#10 Pentachlorophenol

R.T.: 6.518 min  
Delta R.T.: -0.024 min  
Response: 420668307  
Conc: 66.86 ng/ml



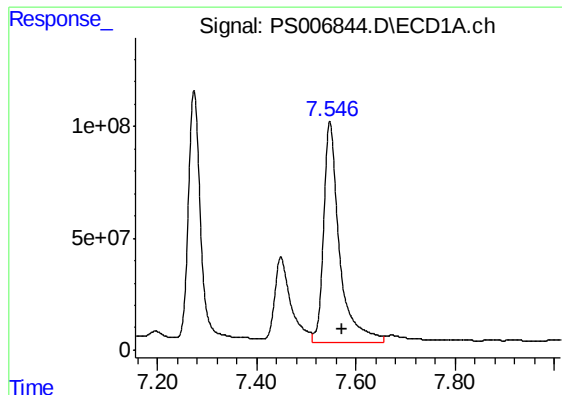
#11 2,4,5-TP (SILVEX)

R.T.: 7.273 min  
Delta R.T.: -0.025 min  
Response: 2024683583  
Conc: 445.64 ng/ml



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

R.T.: 6.880 min  
Delta R.T.: -0.025 min  
Response: 1718698972  
Conc: 717.52 ng/ml



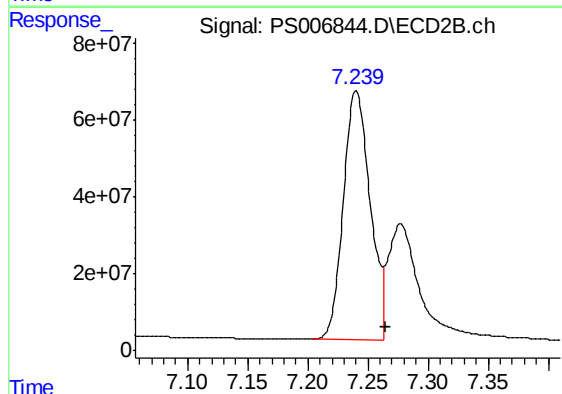
#12 2,4,5-T

R.T.: 7.547 min  
Delta R.T.: -0.024 min  
Response: 2183326385  
Conc: 429.09 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PT-HERB-WP

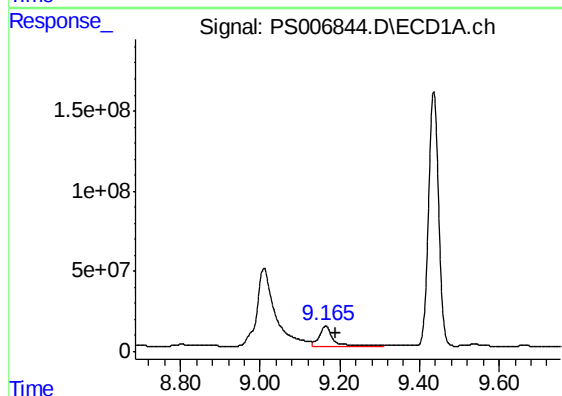
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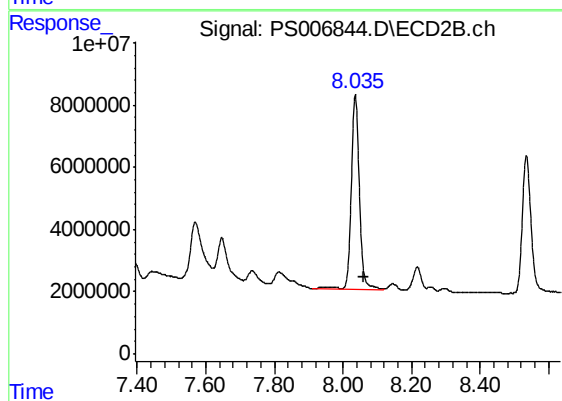
#12 2,4,5-T

R.T.: 7.239 min  
Delta R.T.: -0.025 min  
Response: 1007972012  
Conc: 466.35 ng/ml m



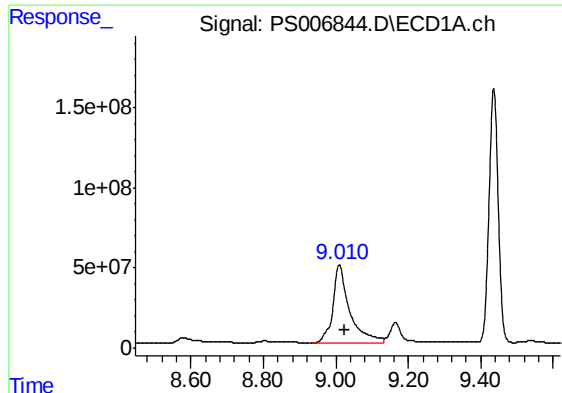
#14 DINOSEB

R.T.: 9.165 min  
Delta R.T.: -0.025 min  
Response: 301671658  
Conc: 79.43 ng/ml



#14 DINOSEB

R.T.: 8.036 min  
Delta R.T.: -0.024 min  
Response: 103940246  
Conc: 60.33 ng/ml



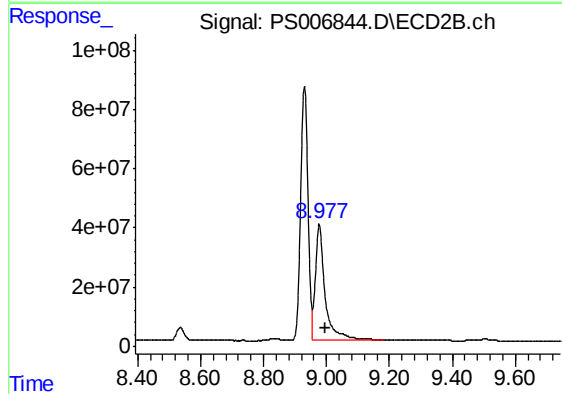
#15 Picloram

R.T.: 9.010 min  
Delta R.T.: -0.015 min  
Response: 1559448011  
Conc: 232.56 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PT-HERB-WP

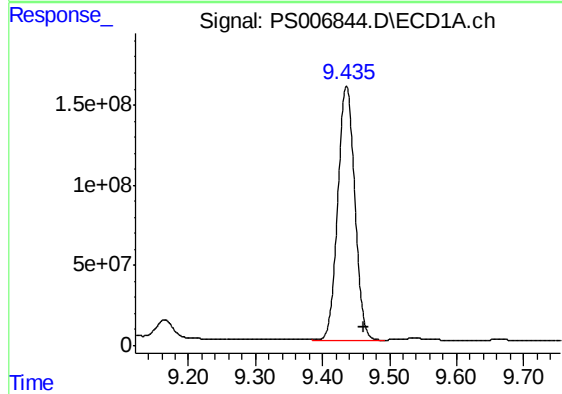
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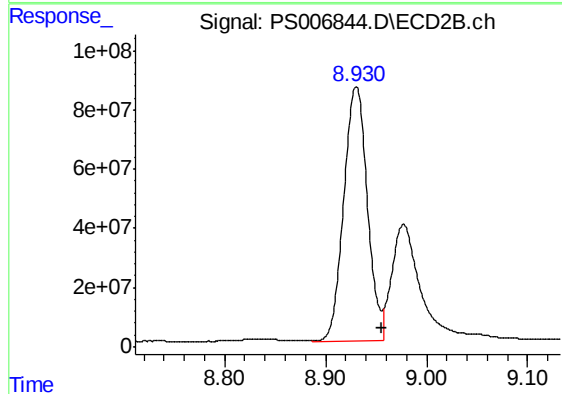
#15 Picloram

R.T.: 8.977 min  
Delta R.T.: -0.021 min  
Response: 842285535  
Conc: 231.42 ng/ml



#16 DCPA

R.T.: 9.436 min  
Delta R.T.: -0.026 min  
Response: 2782744456  
Conc: 476.87 ng/ml



#16 DCPA

R.T.: 8.930 min  
Delta R.T.: -0.026 min  
Response: 1395055121  
Conc: 439.04 ng/ml m