

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS091619\  
 Data File : PS006769.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Sep 2019 02:36  
 Operator : SM\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleID :  
 HSTDCCC750

Manual Integrations  
 APPROVED

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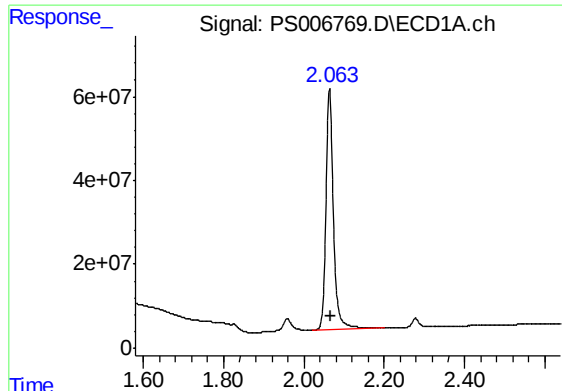
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 17 03:52:32 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS090919.M  
 Quant Title : 8080.M  
 QLast Update : Tue Sep 10 06:14:42 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

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     | 5.494 | 5.224 | 596.5E6  | 327.0E6  | 767.772  | 765.839 |
| Target Compounds            |              |       |       |          |          |          |         |
| 1) T                        | Dalapon      | 2.064 | 1.773 | 734.3E6  | 381.6E6  | 751.285  | 746.759 |
| 2) T                        | 3,5-DICHL... | 4.862 | 4.528 | 754.4E6  | 394.8E6  | 762.020  | 729.409 |
| 3) T                        | 4-Nitroph... | 5.348 | 4.910 | 245.7E6  | 150.9E6  | 692.418  | 681.510 |
| 5) T                        | DICAMBA      | 5.646 | 5.351 | 2103.7E6 | 1148.8E6 | 729.723  | 716.555 |
| 6) T                        | MCPD         | 5.797 | 5.435 | 140.3E6  | 79337583 | 73.730   | 74.966  |
| 7) T                        | MCPA         | 5.930 | 5.613 | 211.1E6  | 122.0E6  | 74.683   | 69.538  |
| 8) T                        | DICHLORPROP  | 6.274 | 5.891 | 521.8E6  | 280.3E6  | 733.753  | 720.197 |
| 9) T                        | 2,4-D        | 6.490 | 6.162 | 595.8E6  | 347.9E6  | 771.171  | 729.321 |
| 10) T                       | Pentachlo... | 6.750 | 6.528 | 9114.3E6 | 4762.0E6 | 818.168m | 790.367 |
| 11) T                       | 2,4,5-TP ... | 7.285 | 6.891 | 3210.4E6 | 1696.1E6 | 746.087  | 745.067 |
| 12) T                       | 2,4,5-T      | 7.557 | 7.251 | 3632.2E6 | 1625.1E6 | 779.498  | 753.704 |
| 13) T                       | 2,4-DB       | 8.088 | 7.737 | 436.7E6  | 200.9E6  | 717.551  | 730.745 |
| 14) T                       | DINOSEB      | 9.175 | 8.046 | 2781.8E6 | 1320.4E6 | 799.168m | 788.131 |
| 15) T                       | Picloram     | 9.011 | 8.985 | 4541.0E6 | 2410.1E6 | 673.168  | 651.278 |
| 16) T                       | DCPA         | 9.448 | 8.941 | 4344.9E6 | 2373.0E6 | 769.122  | 753.274 |
| -----                       |              |       |       |          |          |          |         |

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





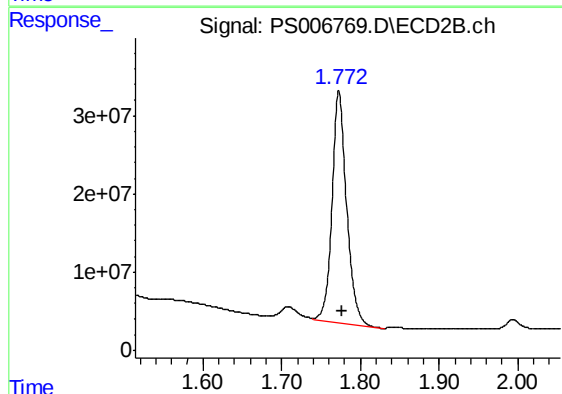
#1 Dalapon

R.T.: 2.064 min  
Delta R.T.: -0.004 min  
Response: 734305959  
Conc: 751.29 ng/ml

Instrument :  
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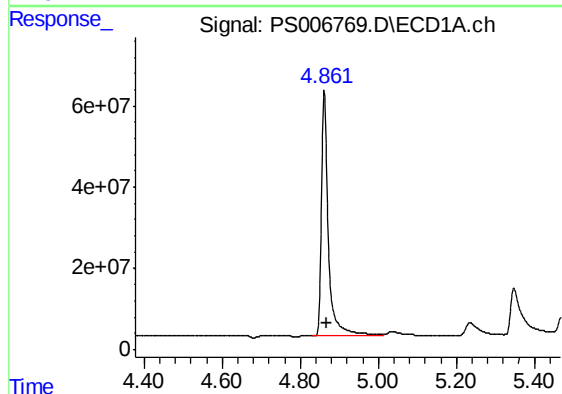
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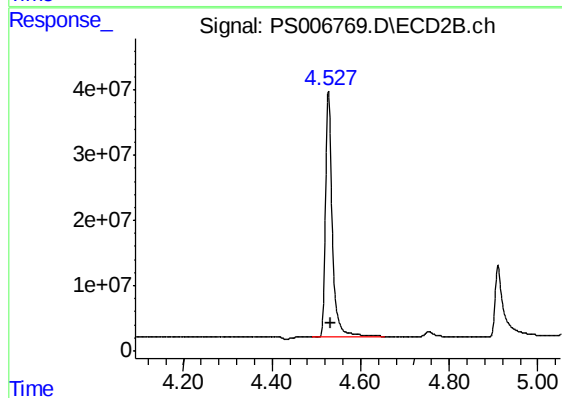
#1 Dalapon

R.T.: 1.773 min  
Delta R.T.: -0.004 min  
Response: 381630227  
Conc: 746.76 ng/ml



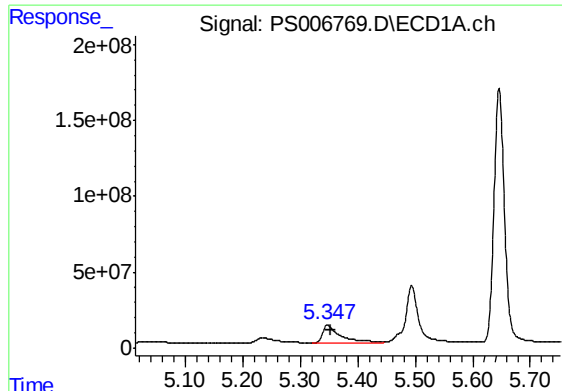
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.862 min  
Delta R.T.: -0.006 min  
Response: 754385160  
Conc: 762.02 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.528 min  
Delta R.T.: -0.006 min  
Response: 394793662  
Conc: 729.41 ng/ml



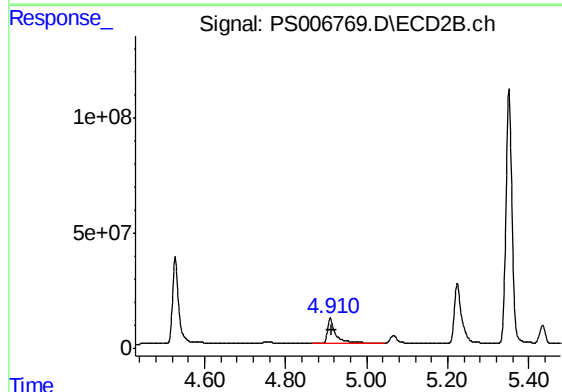
#3 4-Nitrophenol

R.T.: 5.348 min  
Delta R.T.: -0.005 min  
Response: 245718427  
Conc: 692.42 ng/ml

Instrument :  
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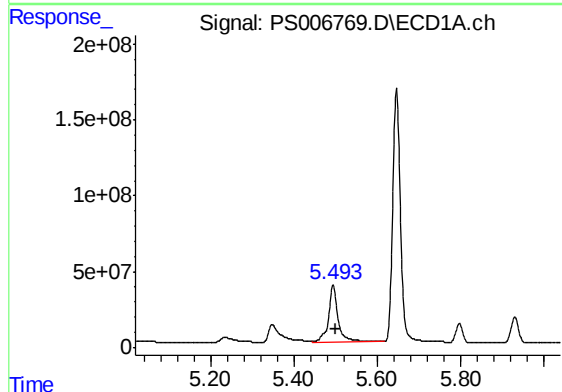
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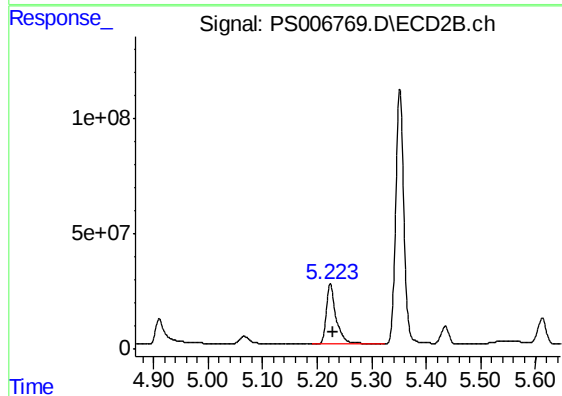
#3 4-Nitrophenol

R.T.: 4.910 min  
Delta R.T.: -0.005 min  
Response: 150852084  
Conc: 681.51 ng/ml



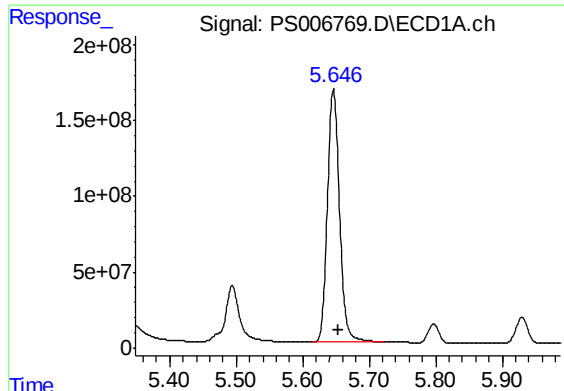
#4 2,4-DCAA

R.T.: 5.494 min  
Delta R.T.: -0.007 min  
Response: 596471068  
Conc: 767.77 ng/ml



#4 2,4-DCAA

R.T.: 5.224 min  
Delta R.T.: -0.006 min  
Response: 327015318  
Conc: 765.84 ng/ml



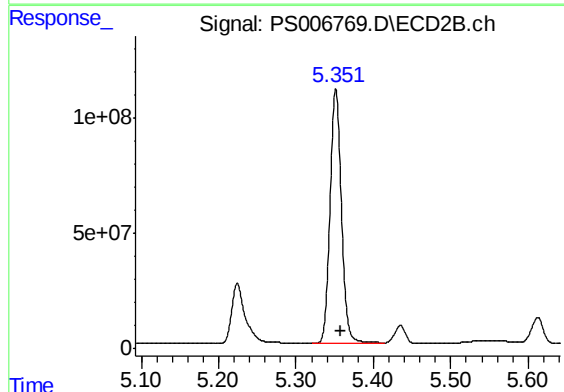
#5 DICAMBA

R.T.: 5.646 min  
Delta R.T.: -0.007 min  
Response: 2103732814  
Conc: 729.72 ng/ml

Instrument :  
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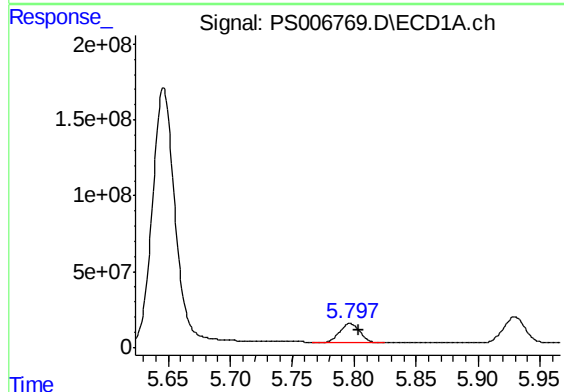
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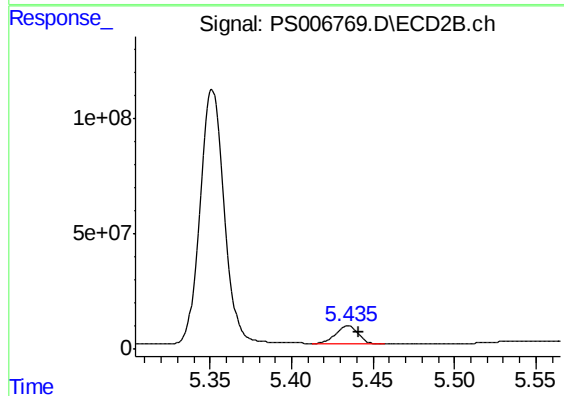
#5 DICAMBA

R.T.: 5.351 min  
Delta R.T.: -0.007 min  
Response: 1148794281  
Conc: 716.55 ng/ml



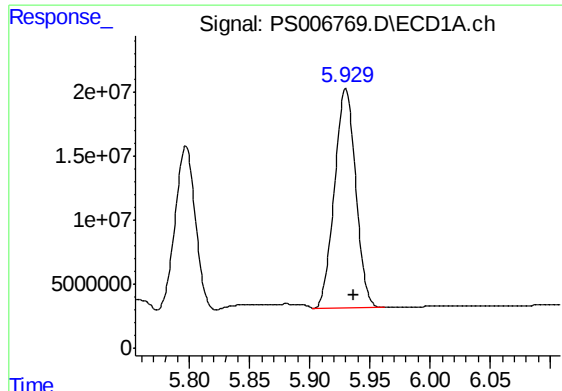
#6 MCPP

R.T.: 5.797 min  
Delta R.T.: -0.007 min  
Response: 140257919  
Conc: 73.73 ug/ml



#6 MCPP

R.T.: 5.435 min  
Delta R.T.: -0.007 min  
Response: 79337583  
Conc: 74.97 ug/ml



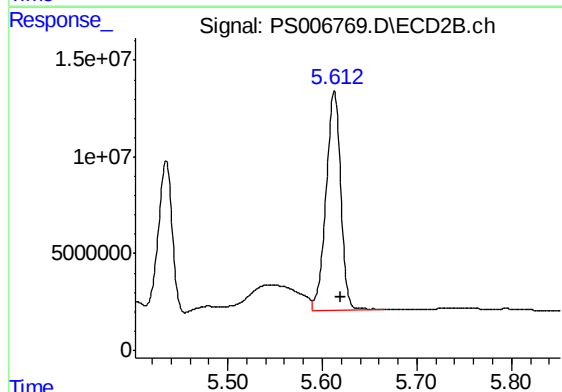
#7 MCPA

R.T.: 5.930 min  
Delta R.T.: -0.007 min  
Response: 211071330  
Conc: 74.68 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

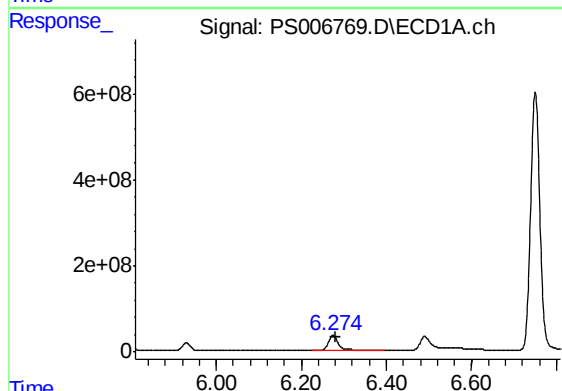
Manual Integrations  
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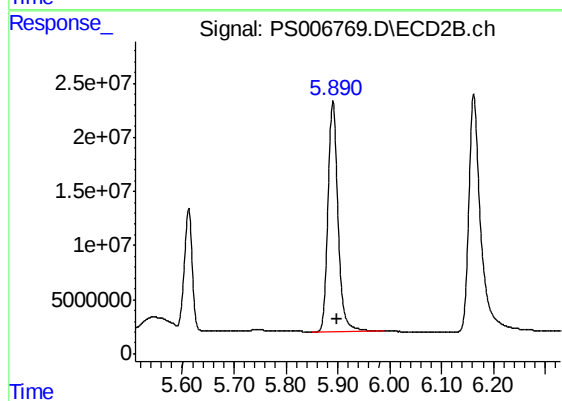
#7 MCPA

R.T.: 5.613 min  
Delta R.T.: -0.007 min  
Response: 121970529  
Conc: 69.54 ug/ml



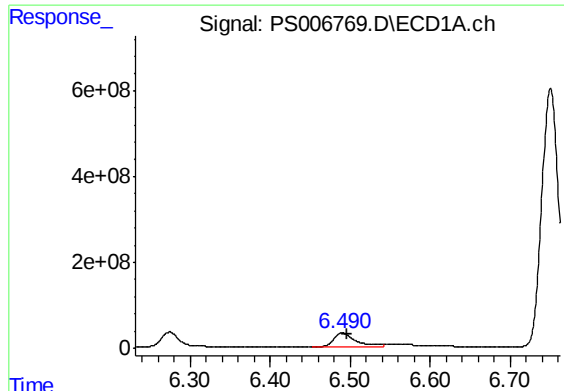
#8 DICHLORPROP

R.T.: 6.274 min  
Delta R.T.: -0.007 min  
Response: 521822274  
Conc: 733.75 ng/ml



#8 DICHLORPROP

R.T.: 5.891 min  
Delta R.T.: -0.007 min  
Response: 280290333  
Conc: 720.20 ng/ml



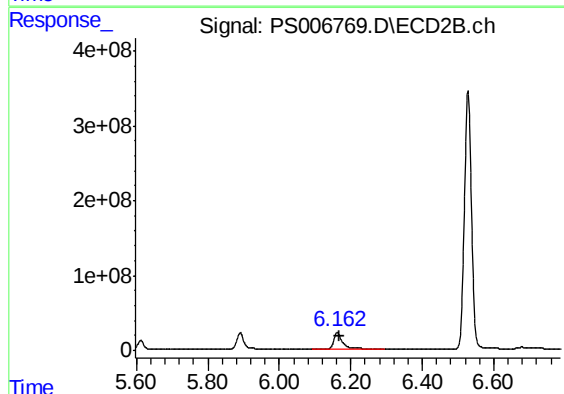
#9 2,4-D

R.T.: 6.490 min  
Delta R.T.: -0.007 min  
Response: 595824242  
Conc: 771.17 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

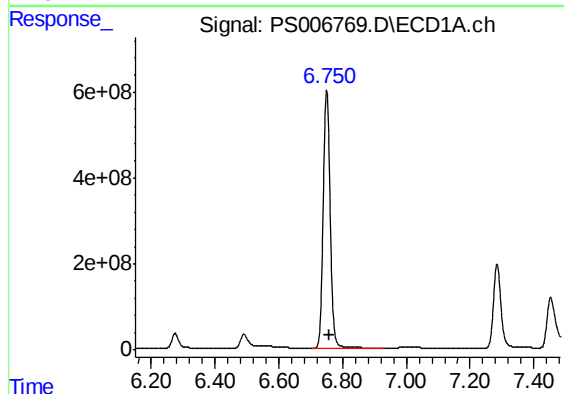
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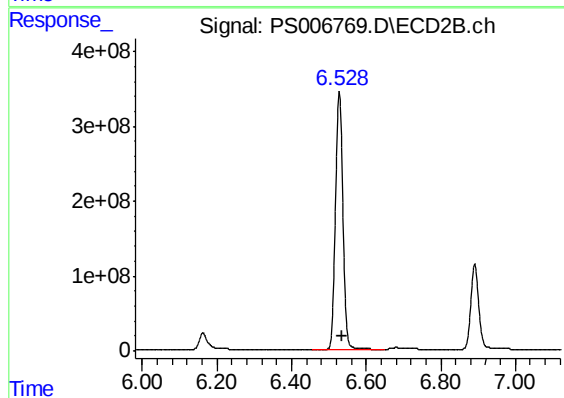
#9 2,4-D

R.T.: 6.162 min  
Delta R.T.: -0.006 min  
Response: 347877708  
Conc: 729.32 ng/ml



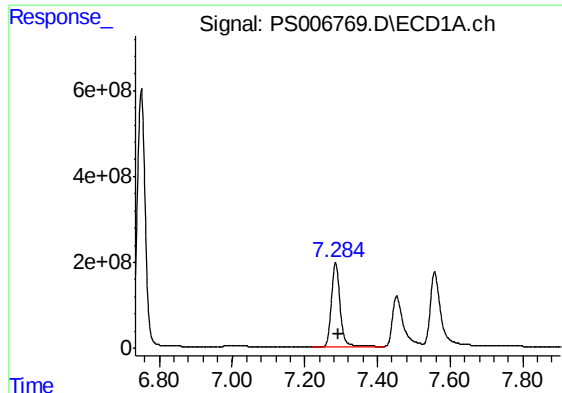
#10 Pentachlorophenol

R.T.: 6.750 min  
Delta R.T.: -0.007 min  
Response: 9114314982  
Conc: 818.17 ng/ml m



#10 Pentachlorophenol

R.T.: 6.528 min  
Delta R.T.: -0.007 min  
Response: 4761956494  
Conc: 790.37 ng/ml



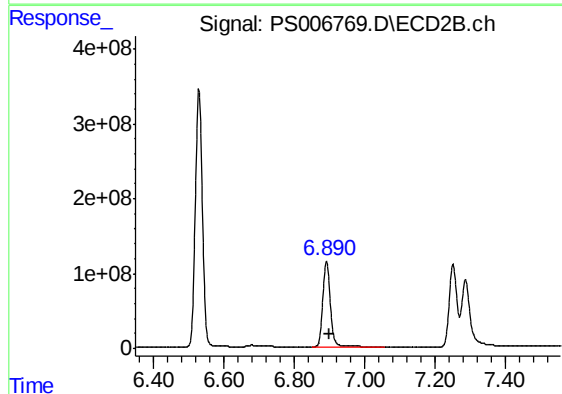
#11 2,4,5-TP (SILVEX)

R.T.: 7.285 min  
Delta R.T.: -0.007 min  
Response: 3210419575  
Conc: 746.09 ng/ml

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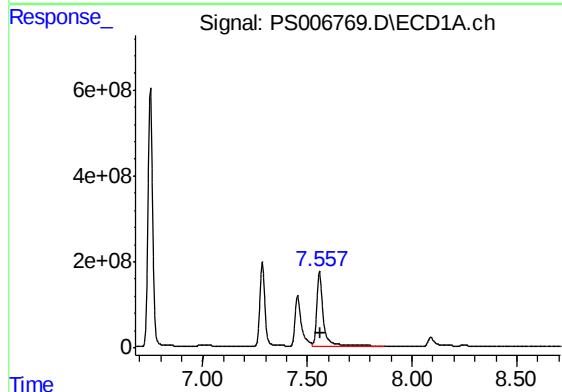
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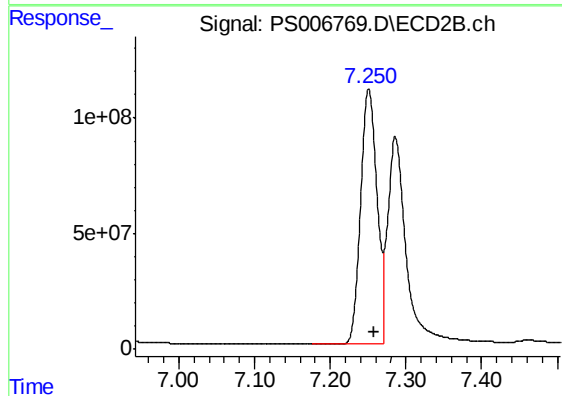
#11 2,4,5-TP (SILVEX)

R.T.: 6.891 min  
Delta R.T.: -0.007 min  
Response: 1696093788  
Conc: 745.07 ng/ml



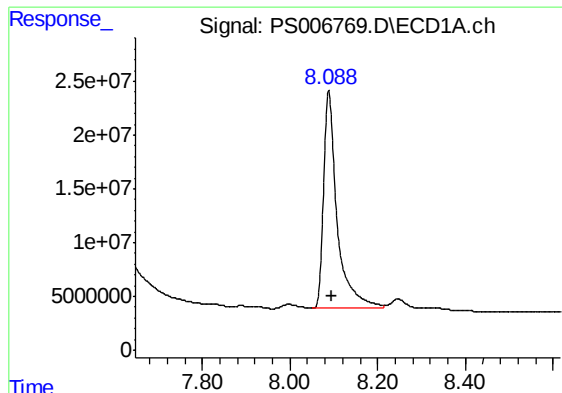
#12 2,4,5-T

R.T.: 7.557 min  
Delta R.T.: -0.008 min  
Response: 3632180989  
Conc: 779.50 ng/ml



#12 2,4,5-T

R.T.: 7.251 min  
Delta R.T.: -0.007 min  
Response: 1625107175  
Conc: 753.70 ng/ml



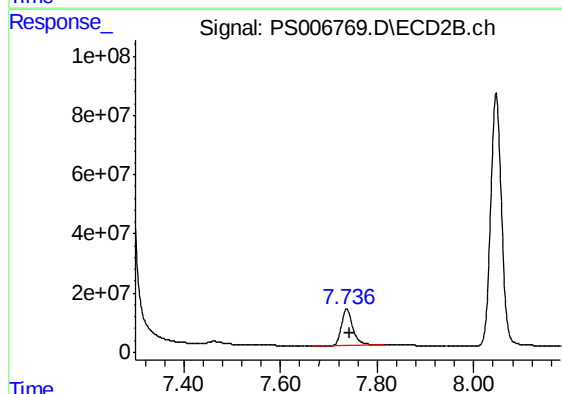
#13 2,4-DB

R.T.: 8.088 min  
Delta R.T.: -0.007 min  
Response: 436668695  
Conc: 717.55 ng/ml

Instrument :  
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ClientSampleId :  
HSTDCCC750

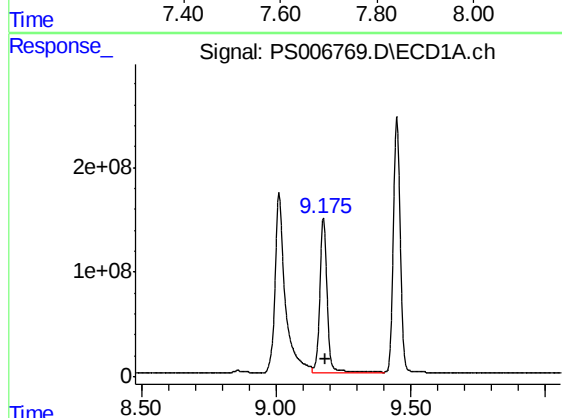
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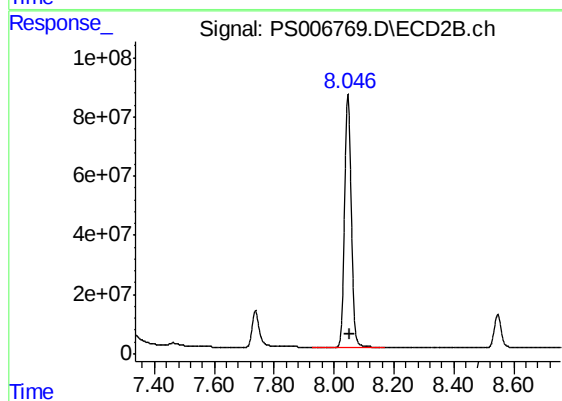
#13 2,4-DB

R.T.: 7.737 min  
Delta R.T.: -0.007 min  
Response: 200919696  
Conc: 730.75 ng/ml



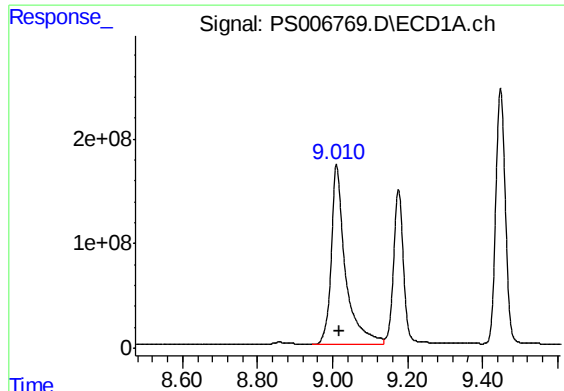
#14 DINOSEB

R.T.: 9.175 min  
Delta R.T.: -0.008 min  
Response: 2781761093  
Conc: 799.17 ng/ml m



#14 DINOSEB

R.T.: 8.046 min  
Delta R.T.: -0.008 min  
Response: 1320393318  
Conc: 788.13 ng/ml



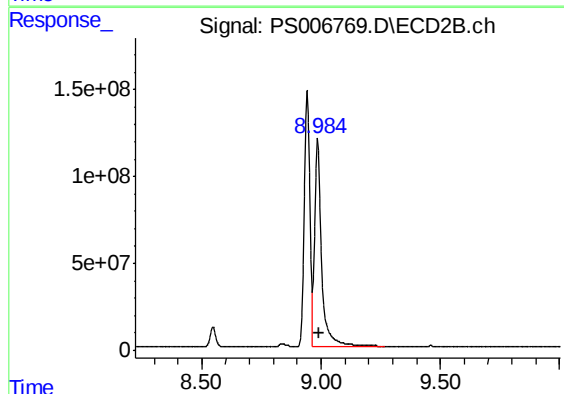
#15 Picloram

R.T.: 9.011 min  
Delta R.T.: -0.007 min  
Response: 4540989168  
Conc: 673.17 ng/ml

Instrument :  
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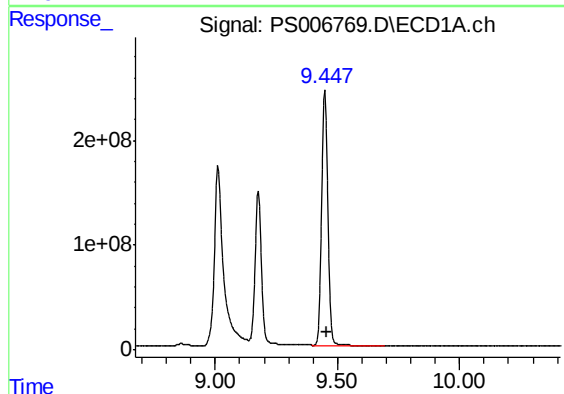
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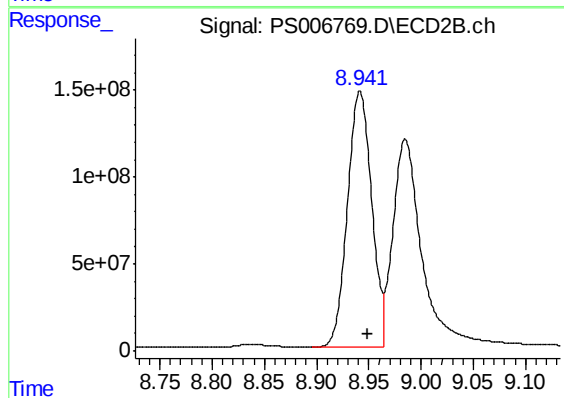
#15 Picloram

R.T.: 8.985 min  
Delta R.T.: -0.006 min  
Response: 2410128393  
Conc: 651.28 ng/ml



#16 DCPA

R.T.: 9.448 min  
Delta R.T.: -0.008 min  
Response: 4344892993  
Conc: 769.12 ng/ml



#16 DCPA

R.T.: 8.941 min  
Delta R.T.: -0.007 min  
Response: 2372984627  
Conc: 753.27 ng/ml