

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS123119\  
 Data File : PS008269.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Dec 2019 16:49  
 Operator : SM\AJ  
 Sample : K6114-02MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 EO-O1-122719MS

Manual Integrations  
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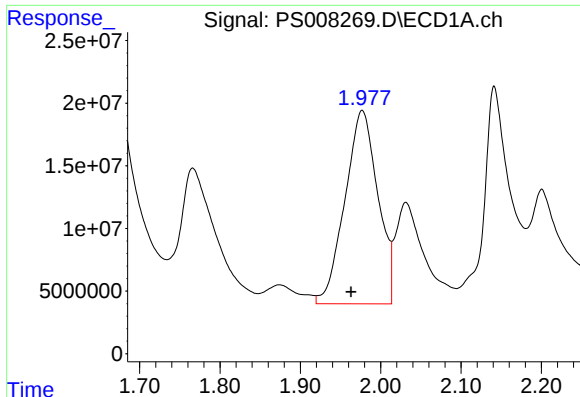
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 31 17:07:03 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS122619.M  
 Quant Title : 8080.M  
 QLast Update : Fri Dec 27 02:43:58 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

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     | 5.377 | 5.127 | 1213.4E6  | 542.9E6  | 600.607  | 606.350   |
| Target Compounds            |              |       |       |           |          |          |           |
| 1) T                        | Dalapon      | 1.977 | 1.699 | 440.0E6   | 232.0E6  | 183.305  | 227.447   |
| 2) T                        | 3,5-DICHL... | 4.761 | 4.438 | 1258.0E6  | 521.7E6  | 506.375  | 448.038m  |
| 5) T                        | DICAMBA      | 5.523 | 5.250 | 437.7E6   | 205.2E6  | 60.190   | 60.226    |
| 6) T                        | MCP          | 5.669 | 5.332 | 258.7E6   | 126.0E6  | 47.437m  | 48.695    |
| 7) T                        | MCPA         | 5.797 | 5.503 | 388.2E6   | 174.4E6  | 50.766m  | 45.839m   |
| 8) T                        | DICHLORPROP  | 6.134 | 5.768 | 1027.4E6  | 449.0E6  | 579.839  | 524.529   |
| 9) T                        | 2,4-D        | 6.348 | 6.034 | 1047.0E6  | 615.3E6  | 638.017m | 606.082   |
| 10) T                       | Pentachlo... | 6.598 | 6.390 | 14841.7E6 | 6912.0E6 | 566.675  | 543.155   |
| 11) T                       | 2,4,5-TP ... | 7.132 | 6.752 | 5892.3E6  | 2754.4E6 | 571.255  | 551.220   |
| 12) T                       | 2,4,5-T      | 7.401 | 7.109 | 5786.4E6  | 2628.0E6 | 481.544  | 628.756 # |
| 13) T                       | 2,4-DB       | 7.929 | 7.590 | 811.0E6   | 352.6E6  | 610.346  | 563.630   |
| 14) T                       | DINOSEB      | 9.005 | 7.896 | 4280.8E6  | 1908.5E6 | 441.750  | 509.586   |
| 15) T                       | Picloram     | 8.818 | 8.832 | 196.0E6   | 566.8E6  | 149.954m | 86.841m#  |
| 16) T                       | DCPA         | 9.280 | 8.781 | 91167381  | 9062557  | 6.719    | 1.359 #   |
| -----                       |              |       |       |           |          |          |           |

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





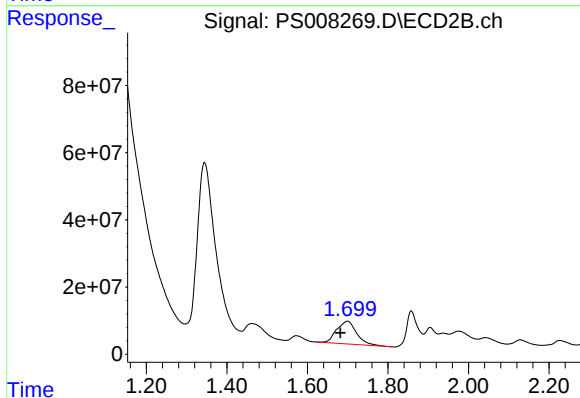
#1 Dalapon

R.T.: 1.977 min  
Delta R.T.: 0.014 min  
Response: 440045340  
Conc: 183.30 ng/ml

Instrument :  
ECD\_S  
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EO-O1-122719MS

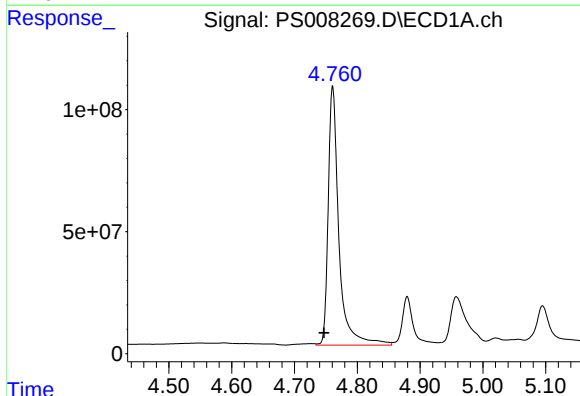
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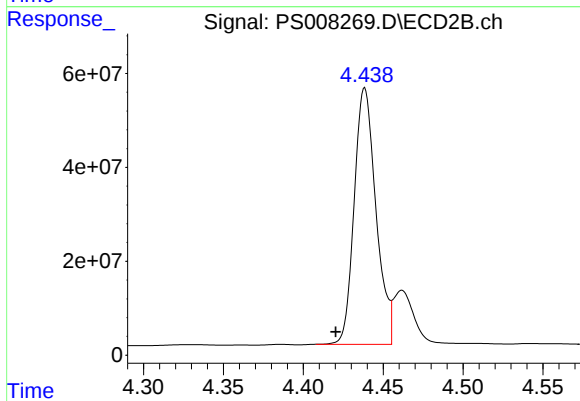
#1 Dalapon

R.T.: 1.699 min  
Delta R.T.: 0.017 min  
Response: 232025676  
Conc: 227.45 ng/ml



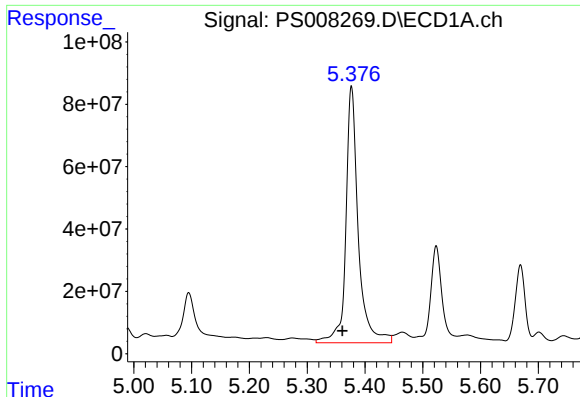
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.761 min  
Delta R.T.: 0.014 min  
Response: 1257953192  
Conc: 506.38 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.438 min  
Delta R.T.: 0.018 min  
Response: 521699648  
Conc: 448.04 ng/ml m



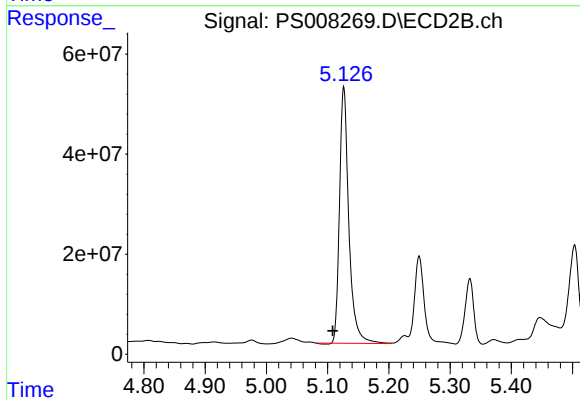
#4 2,4-DCAA

R.T.: 5.377 min  
Delta R.T.: 0.016 min  
Response: 1213432136  
Conc: 600.61 ng/ml

Instrument :  
ECD\_S  
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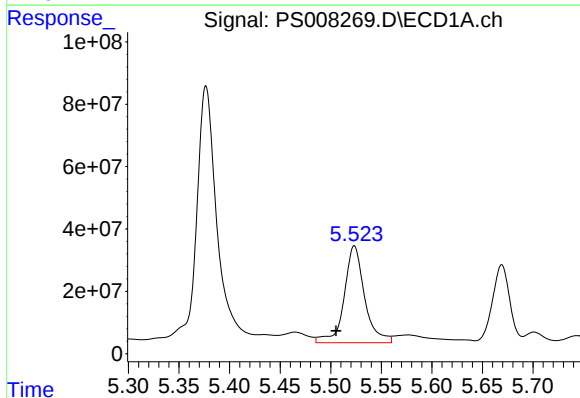
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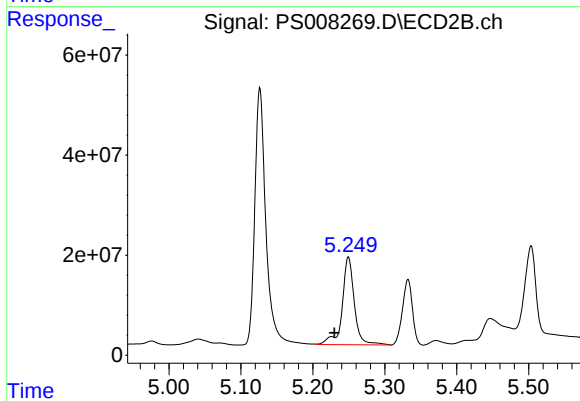
#4 2,4-DCAA

R.T.: 5.127 min  
Delta R.T.: 0.018 min  
Response: 542914740  
Conc: 606.35 ng/ml



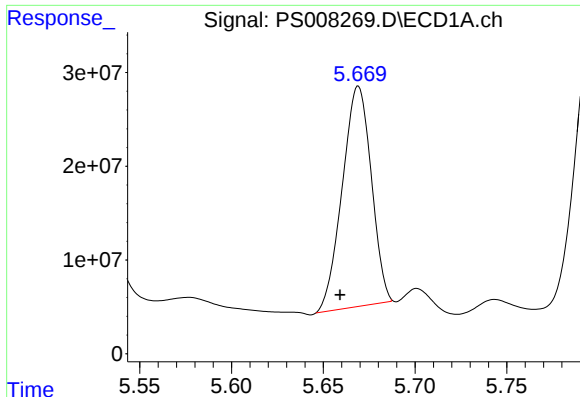
#5 DICAMBA

R.T.: 5.523 min  
Delta R.T.: 0.018 min  
Response: 437673810  
Conc: 60.19 ng/ml



#5 DICAMBA

R.T.: 5.250 min  
Delta R.T.: 0.019 min  
Response: 205185608  
Conc: 60.23 ng/ml



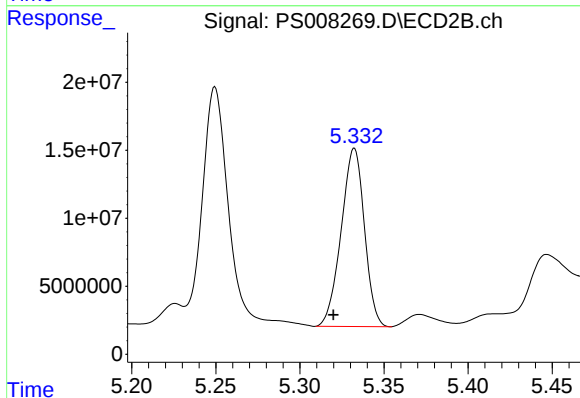
#6 MCPP

R.T.: 5.669 min  
Delta R.T.: 0.010 min  
Response: 258722523  
Conc: 47.44 ug/ml m

Instrument :  
ECD\_S  
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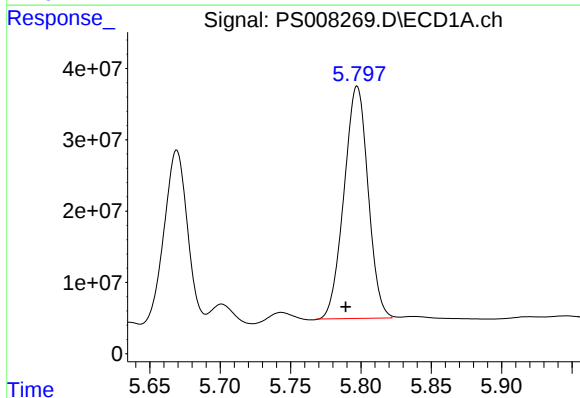
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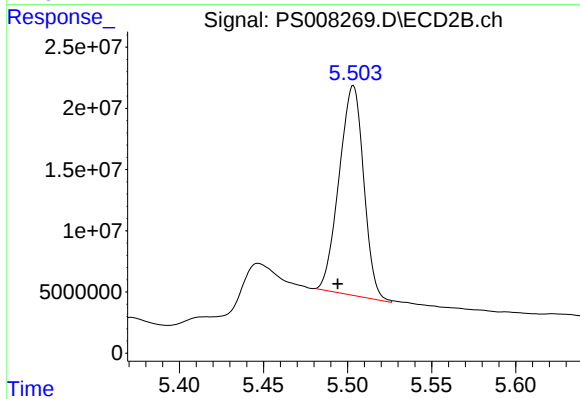
#6 MCPP

R.T.: 5.332 min  
Delta R.T.: 0.012 min  
Response: 126024094  
Conc: 48.70 ug/ml



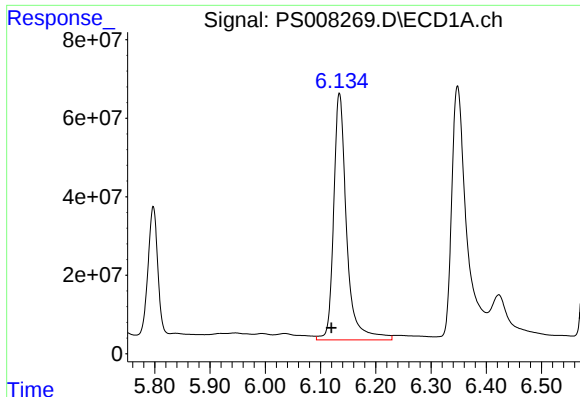
#7 MCPA

R.T.: 5.797 min  
Delta R.T.: 0.008 min  
Response: 388248830  
Conc: 50.77 ug/ml m



#7 MCPA

R.T.: 5.503 min  
Delta R.T.: 0.009 min  
Response: 174393060  
Conc: 45.84 ug/ml m



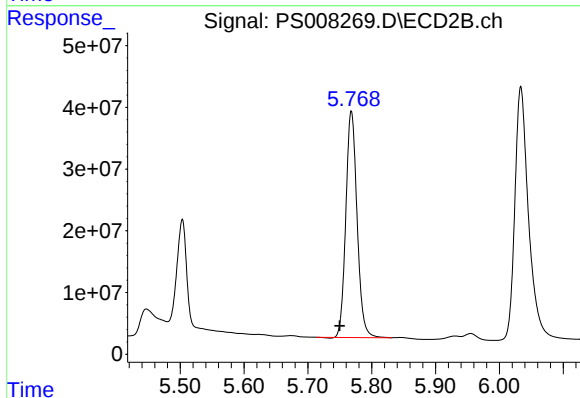
#8 DICHLORPROP

R.T.: 6.134 min  
Delta R.T.: 0.015 min  
Response: 1027352846  
Conc: 579.84 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
EO-O1-122719MS

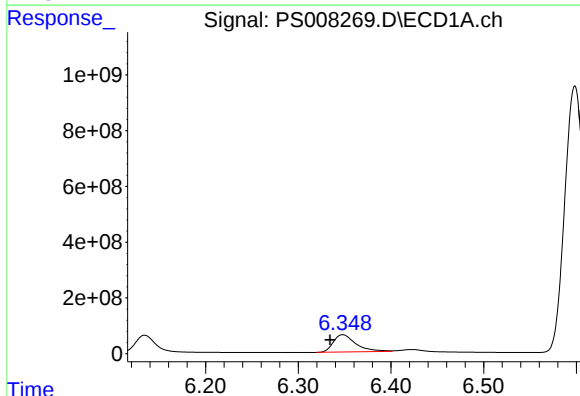
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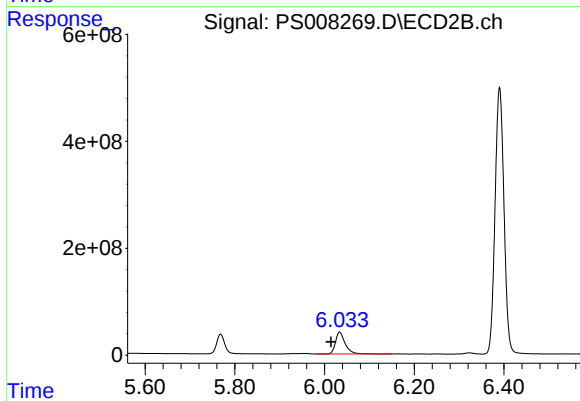
#8 DICHLORPROP

R.T.: 5.768 min  
Delta R.T.: 0.018 min  
Response: 449010422  
Conc: 524.53 ng/ml



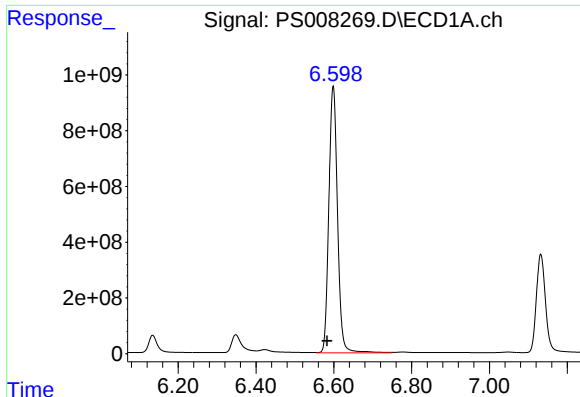
#9 2,4-D

R.T.: 6.348 min  
Delta R.T.: 0.013 min  
Response: 1046991501  
Conc: 638.02 ng/ml m



#9 2,4-D

R.T.: 6.034 min  
Delta R.T.: 0.019 min  
Response: 615346166  
Conc: 606.08 ng/ml



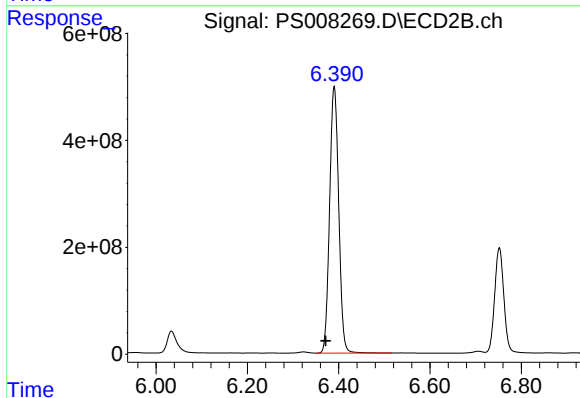
#10 Pentachlorophenol

R.T.: 6.598 min  
Delta R.T.: 0.016 min  
Response: 14841742849  
Conc: 566.67 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
EO-O1-122719MS

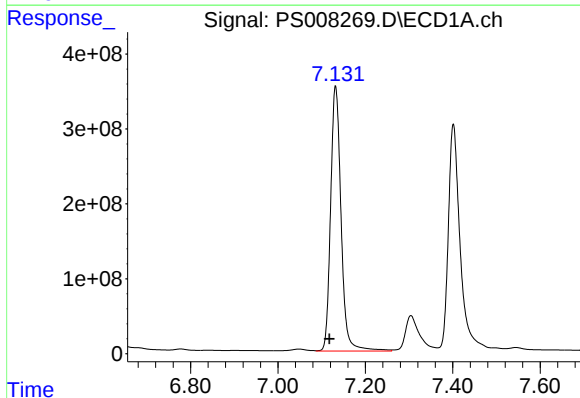
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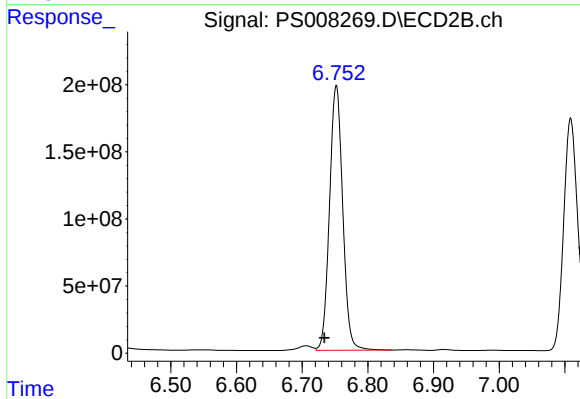
#10 Pentachlorophenol

R.T.: 6.390 min  
Delta R.T.: 0.018 min  
Response: 6912049885  
Conc: 543.15 ng/ml



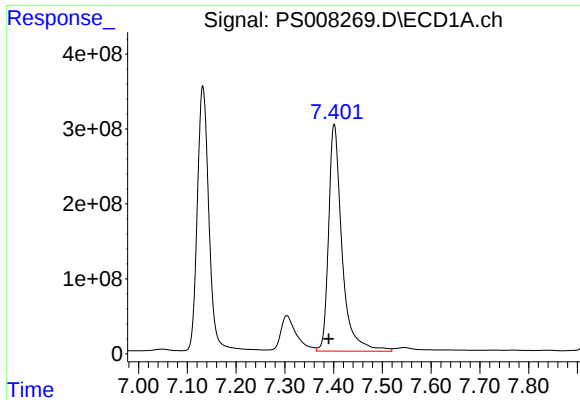
#11 2,4,5-TP (SILVEX)

R.T.: 7.132 min  
Delta R.T.: 0.014 min  
Response: 5892268124  
Conc: 571.25 ng/ml



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

R.T.: 6.752 min  
Delta R.T.: 0.018 min  
Response: 2754440124  
Conc: 551.22 ng/ml



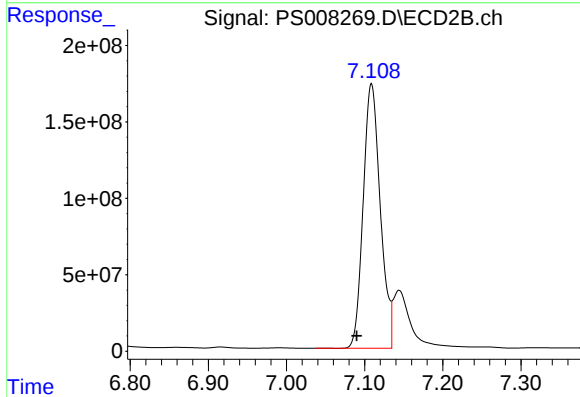
#12 2,4,5-T

R.T.: 7.401 min  
Delta R.T.: 0.011 min  
Response: 5786396089  
Conc: 481.54 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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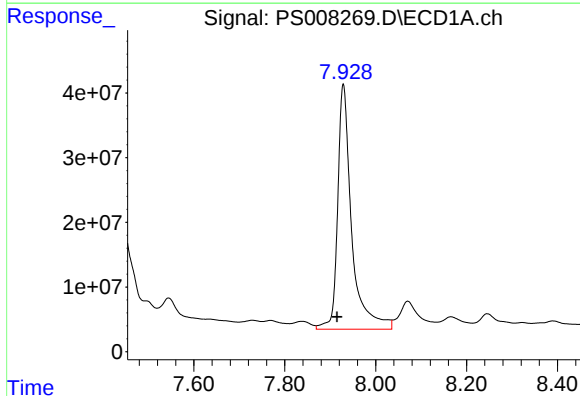
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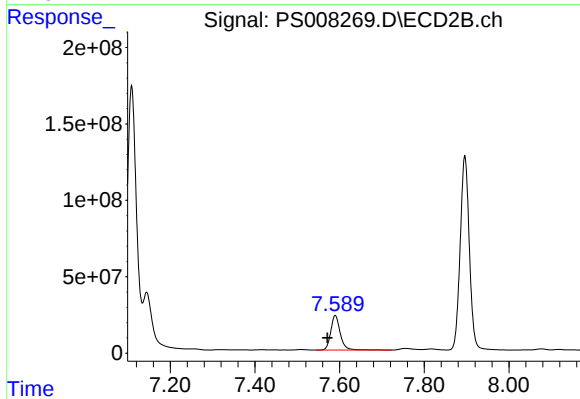
#12 2,4,5-T

R.T.: 7.109 min  
Delta R.T.: 0.019 min  
Response: 2628012524  
Conc: 628.76 ng/ml



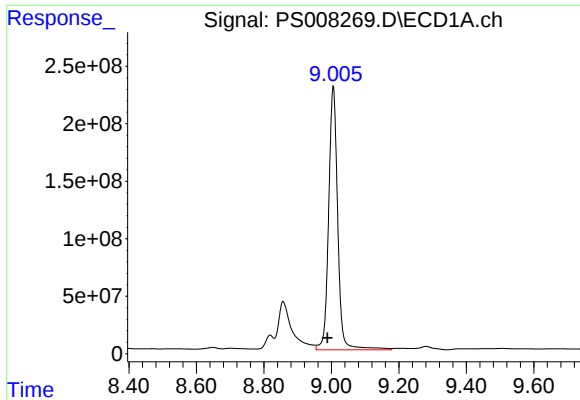
#13 2,4-DB

R.T.: 7.929 min  
Delta R.T.: 0.014 min  
Response: 810978485  
Conc: 610.35 ng/ml



#13 2,4-DB

R.T.: 7.590 min  
Delta R.T.: 0.019 min  
Response: 352593897  
Conc: 563.63 ng/ml



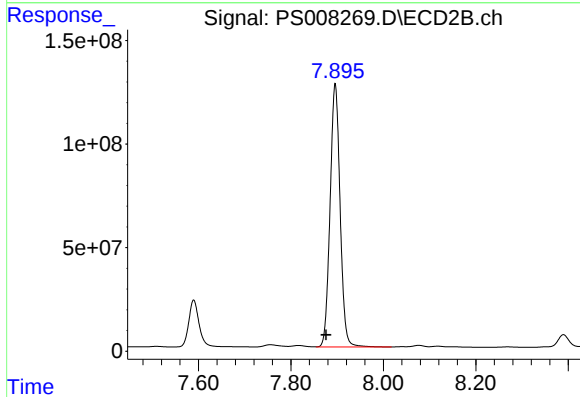
#14 DINOSEB

R.T.: 9.005 min  
Delta R.T.: 0.018 min  
Response: 4280772707  
Conc: 441.75 ng/ml

Instrument :  
ECD\_S  
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EO-O1-122719MS

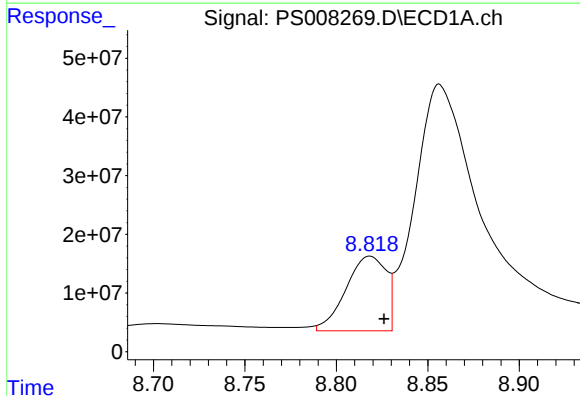
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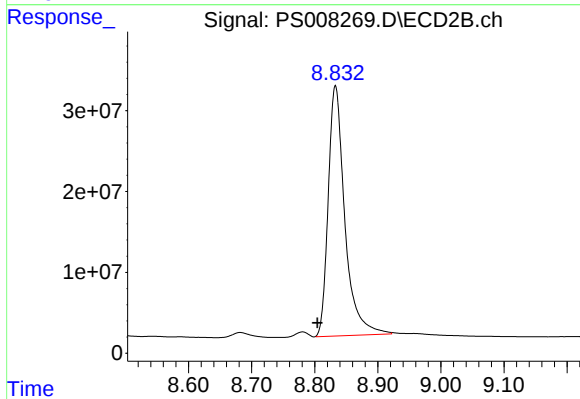
#14 DINOSEB

R.T.: 7.896 min  
Delta R.T.: 0.020 min  
Response: 1908483964  
Conc: 509.59 ng/ml



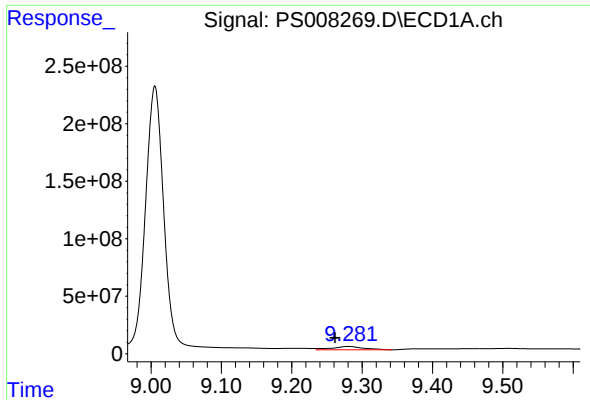
#15 Picloram

R.T.: 8.818 min  
Delta R.T.: -0.008 min  
Response: 196033584  
Conc: 149.95 ng/ml m



#15 Picloram

R.T.: 8.832 min  
Delta R.T.: 0.028 min  
Response: 566773792  
Conc: 86.84 ng/ml m



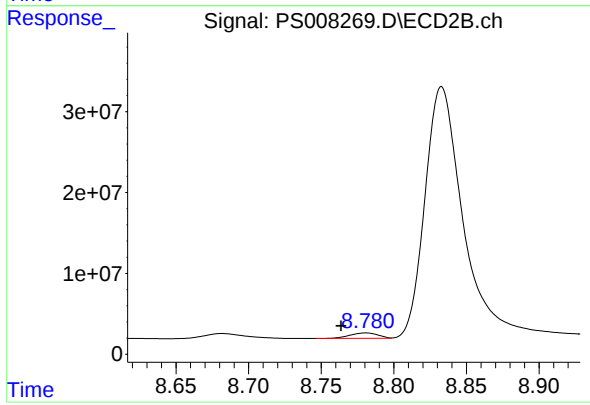
#16 DCPA

R.T.: 9.280 min  
Delta R.T.: 0.019 min  
Response: 91167381  
Conc: 6.72 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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Manual Integrations  
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#16 DCPA

R.T.: 8.781 min  
Delta R.T.: 0.017 min  
Response: 9062557  
Conc: 1.36 ng/ml