

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS121721\  
 Data File : PS017756.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Dec 2021 17:58  
 Operator : AJ\MA  
 Sample : PB141503BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PB141503BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/20/2021  
 Supervised By :mohammad ahmed 12/20/2021

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 17 22:35:07 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS121421.M  
 Quant Title : 8080.M  
 QLast Update : Tue Dec 14 13:29:21 2021  
 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     | 7.126  | 6.713  | 759.4E6   | 294.9E6  | 485.894 | 494.757m  |
| Target Compounds            |              |        |        |           |          |         |           |
| 1) T                        | Dalapon      | 2.975  | 2.484  | 812.1E6   | 406.5E6  | 316.891 | 525.098 # |
| 2) T                        | 3,5-DICHL... | 6.354  | 5.917  | 1002.2E6  | 379.5E6  | 448.588 | 418.623m  |
| 3) T                        | 4-Nitroph... | 6.960  | 6.346  | 286.6E6   | 118.8E6  | 423.795 | 341.267   |
| 5) T                        | DICAMBA      | 7.314  | 6.872  | 2674.0E6  | 1120.1E6 | 422.873 | 420.450   |
| 6) T                        | MCPD         | 7.480  | 6.964  | 213.8E6   | 89609285 | 45.352  | 41.169    |
| 7) T                        | MCPA         | 7.627  | 7.173  | 284.3E6   | 137.7E6  | 42.983  | 45.034    |
| 8) T                        | DICHLORPROP  | 8.003  | 7.488  | 665.0E6   | 293.2E6  | 425.589 | 430.180   |
| 9) T                        | 2,4-D        | 8.234  | 7.781  | 808.0E6   | 377.8E6  | 457.054 | 464.636   |
| 10) T                       | Pentachlo... | 8.534  | 8.198  | 10453.2E6 | 4183.6E6 | 484.455 | 488.300   |
| 11) T                       | 2,4,5-TP ... | 9.083  | 8.558  | 4026.9E6  | 1703.6E6 | 473.371 | 468.627   |
| 12) T                       | 2,4,5-T      | 9.368  | 8.937  | 3812.9E6  | 1534.6E6 | 438.299 | 448.765   |
| 13) T                       | 2,4-DB       | 9.919  | 9.441  | 462.5E6   | 196.4E6  | 313.174 | 433.486 # |
| 14) T                       | DINOSEB      | 11.063 | 9.761  | 2653.5E6  | 973.4E6  | 388.063 | 376.783   |
| 15) T                       | Picloram     | 10.893 | 10.745 | 4045.6E6  | 1773.1E6 | 372.824 | 361.015m  |
| 16) T                       | DCPA         | 11.331 | 10.688 | 6048.2E6  | 2829.5E6 | 556.902 | 631.737   |
| -----                       |              |        |        |           |          |         |           |

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

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Acq On : 17 Dec 2021 17:58  
Operator : AJ\MA  
Sample : PB141503BS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

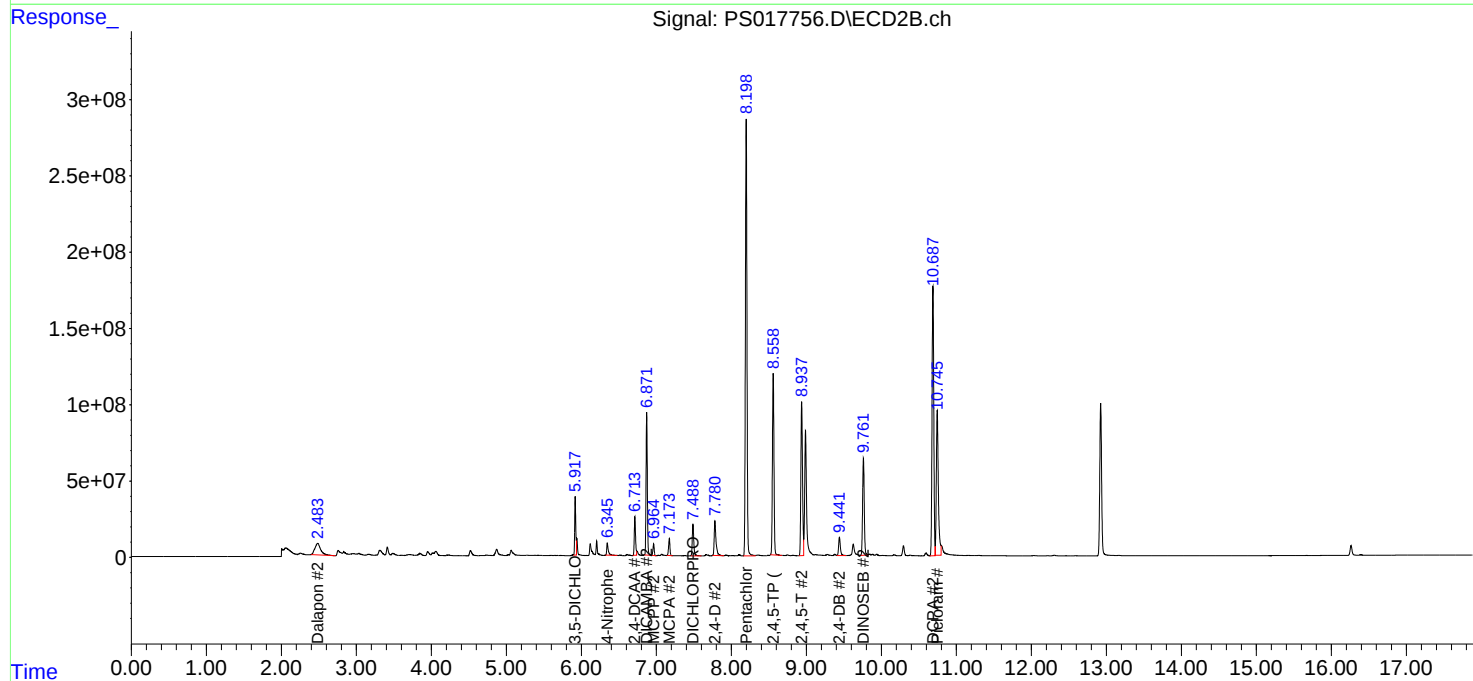
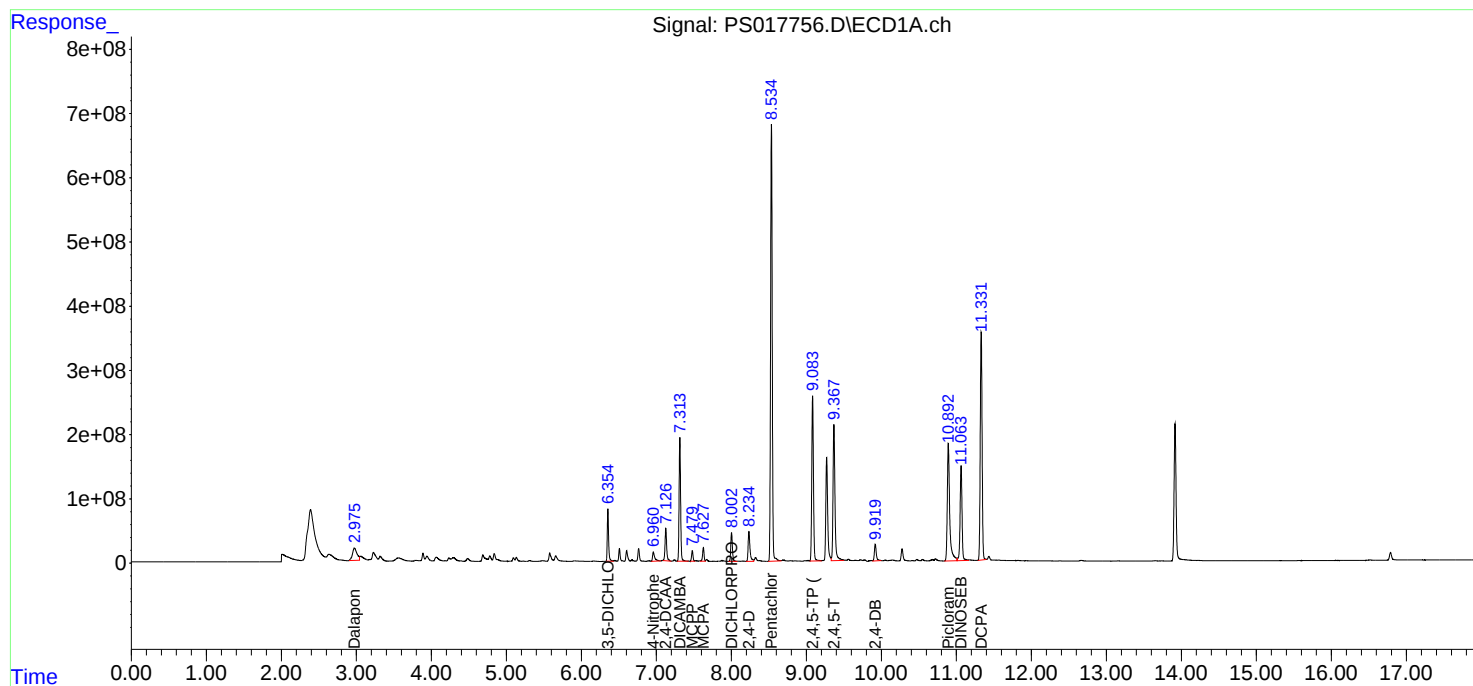
Instrument :  
ECD\_S  
ClientSampleId :  
PB141503BS

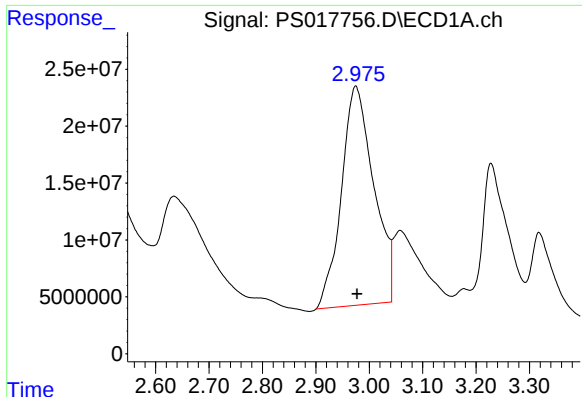
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS121421.M  
Quant Title : 8080.M  
QLast Update : Tue Dec 14 13:29:21 2021  
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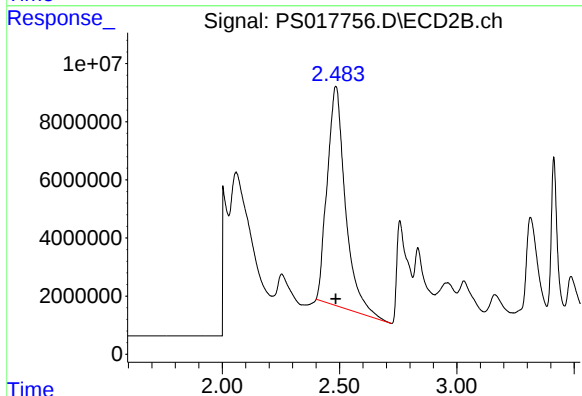
#1 Dalapon

R.T.: 2.975 min  
Delta R.T.: -0.002 min  
Response: 812067150  
Conc: 316.89 ng/ml

Instrument :  
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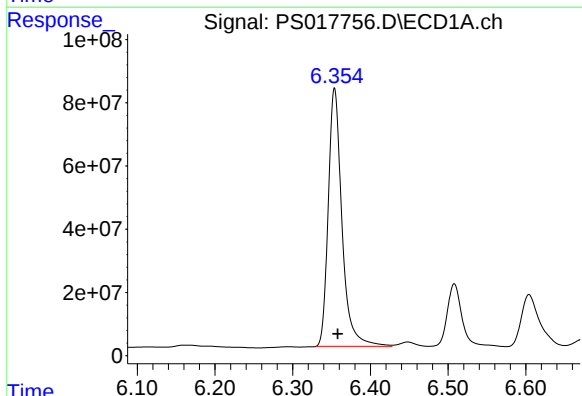
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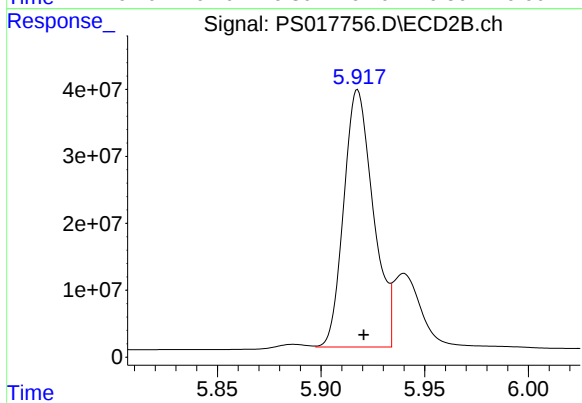
#1 Dalapon

R.T.: 2.484 min  
Delta R.T.: 0.000 min  
Response: 406477265  
Conc: 525.10 ng/ml



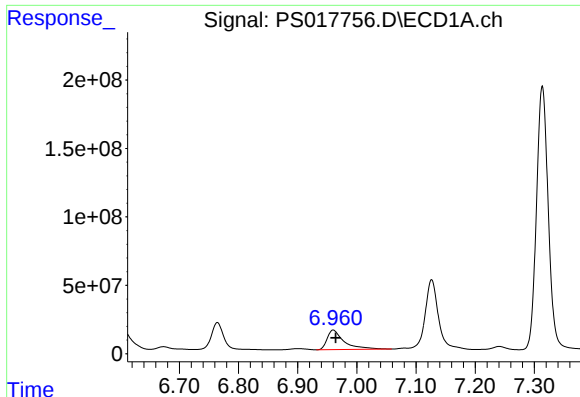
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.354 min  
Delta R.T.: -0.004 min  
Response: 1002209980  
Conc: 448.59 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.917 min  
Delta R.T.: -0.003 min  
Response: 379547549  
Conc: 418.62 ng/ml m



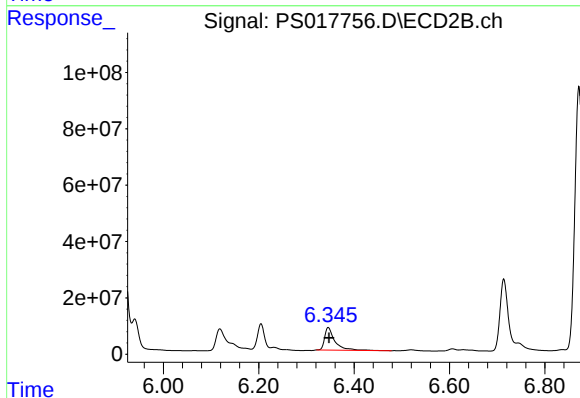
#3 4-Nitrophenol

R.T.: 6.960 min  
Delta R.T.: -0.004 min  
Response: 286580047  
Conc: 423.80 ng/ml

Instrument :  
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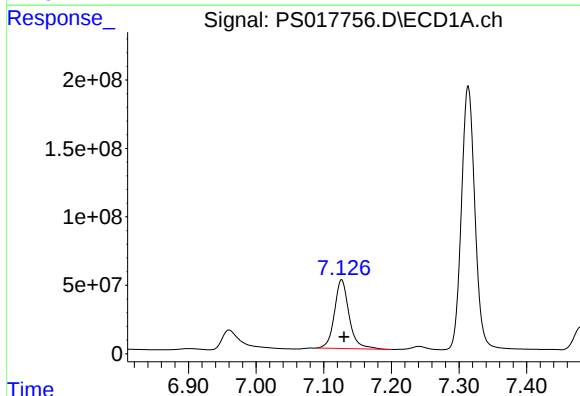
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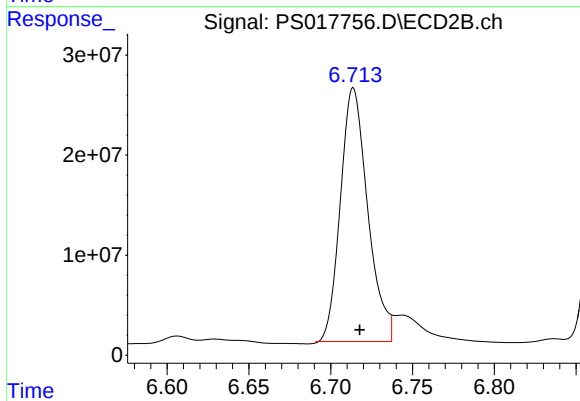
#3 4-Nitrophenol

R.T.: 6.346 min  
Delta R.T.: -0.001 min  
Response: 118843546  
Conc: 341.27 ng/ml



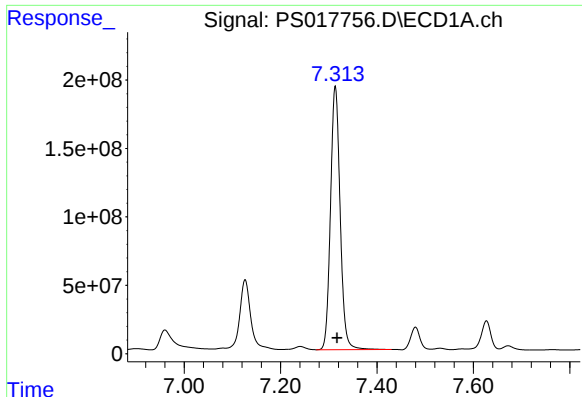
#4 2,4-DCAA

R.T.: 7.126 min  
Delta R.T.: -0.004 min  
Response: 759426034  
Conc: 485.89 ng/ml



#4 2,4-DCAA

R.T.: 6.713 min  
Delta R.T.: -0.004 min  
Response: 294925239  
Conc: 494.76 ng/ml m



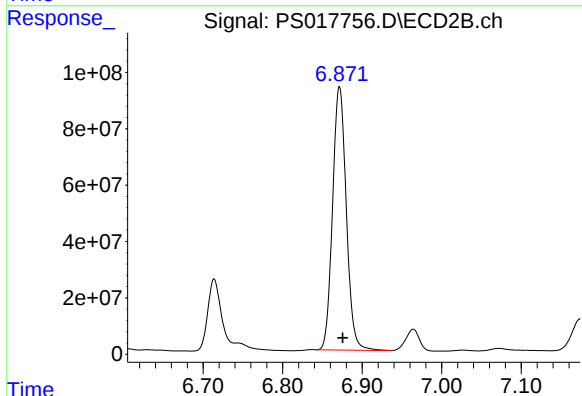
#5 DICAMBA

R.T.: 7.314 min  
Delta R.T.: -0.004 min  
Response: 2674009166  
Conc: 422.87 ng/ml

Instrument :  
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ClientSampleId :  
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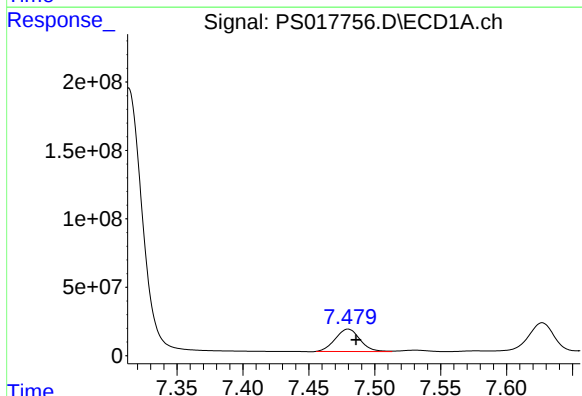
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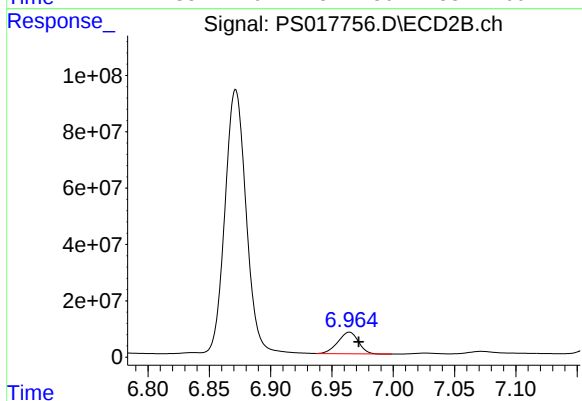
#5 DICAMBA

R.T.: 6.872 min  
Delta R.T.: -0.004 min  
Response: 1120058812  
Conc: 420.45 ng/ml



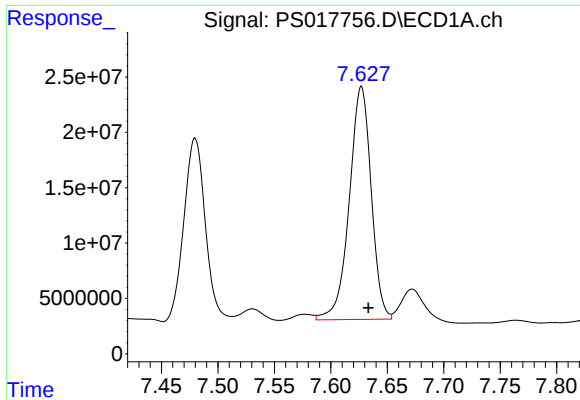
#6 MCPP

R.T.: 7.480 min  
Delta R.T.: -0.006 min  
Response: 213791147  
Conc: 45.35 ug/ml



#6 MCPP

R.T.: 6.964 min  
Delta R.T.: -0.008 min  
Response: 89609285  
Conc: 41.17 ug/ml



#7 MCPA

R.T.: 7.627 min  
Delta R.T.: -0.006 min  
Response: 284277514  
Conc: 42.98 ug/ml

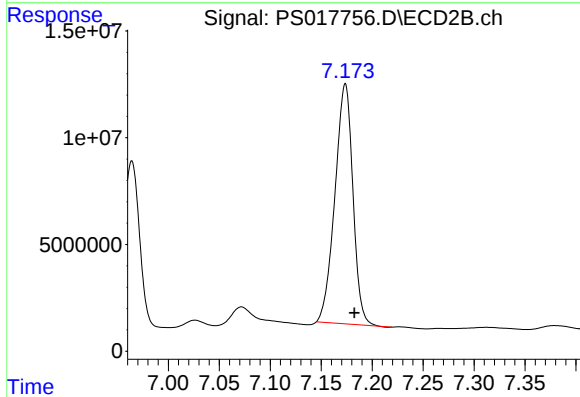
Instrument :

ECD\_S

ClientSampleId :  
PB141503BS

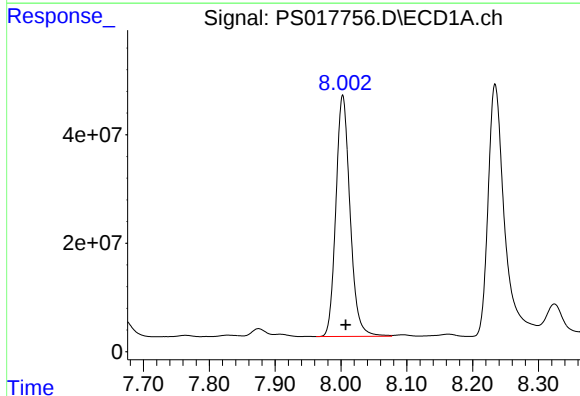
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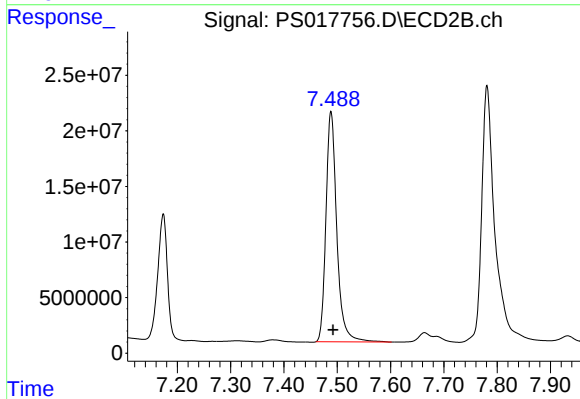
#7 MCPA

R.T.: 7.173 min  
Delta R.T.: -0.009 min  
Response: 137705045  
Conc: 45.03 ug/ml



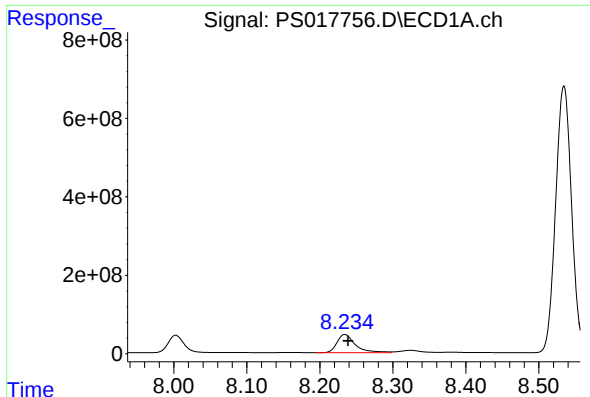
#8 DICHLORPROP

R.T.: 8.003 min  
Delta R.T.: -0.005 min  
Response: 664985031  
Conc: 425.59 ng/ml



#8 DICHLORPROP

R.T.: 7.488 min  
Delta R.T.: -0.004 min  
Response: 293176435  
Conc: 430.18 ng/ml



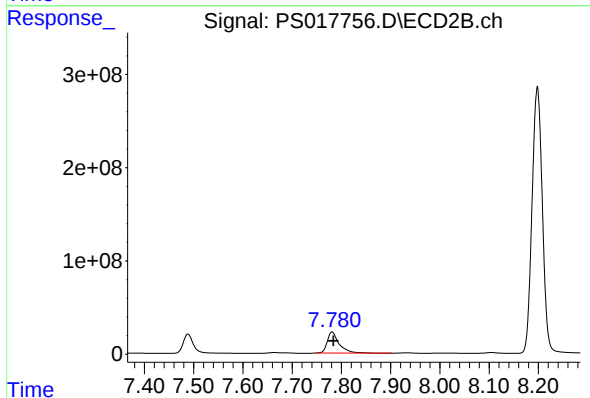
#9 2,4-D

R.T.: 8.234 min  
Delta R.T.: -0.004 min  
Response: 808015878  
Conc: 457.05 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB141503BS

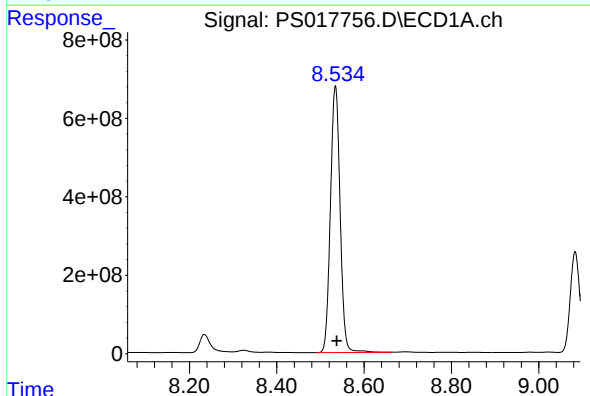
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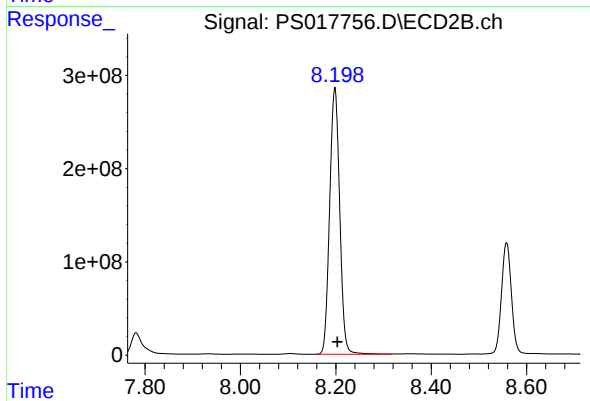
#9 2,4-D

R.T.: 7.781 min  
Delta R.T.: -0.003 min  
Response: 377770005  
Conc: 464.64 ng/ml



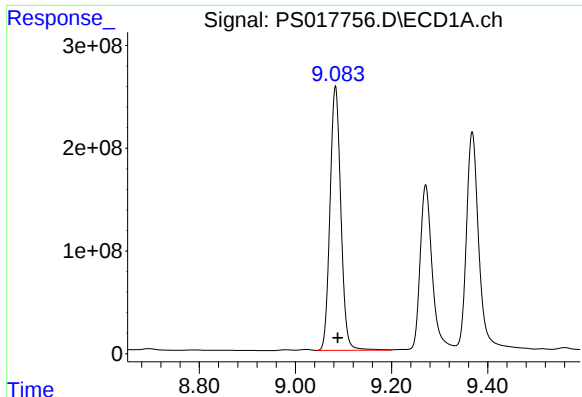
#10 Pentachlorophenol

R.T.: 8.534 min  
Delta R.T.: -0.003 min  
Response: 10453247146  
Conc: 484.46 ng/ml



#10 Pentachlorophenol

R.T.: 8.198 min  
Delta R.T.: -0.005 min  
Response: 4183643670  
Conc: 488.30 ng/ml



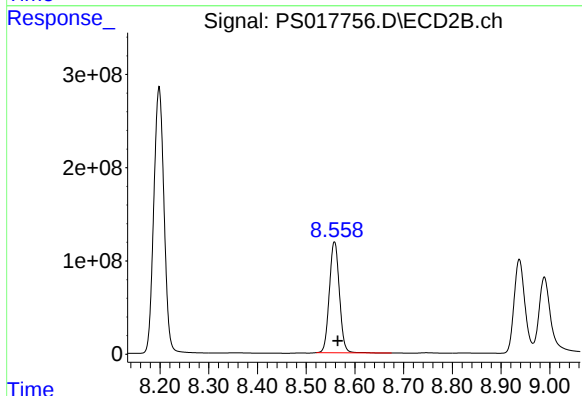
#11 2,4,5-TP (SILVEX)

R.T.: 9.083 min  
Delta R.T.: -0.005 min  
Response: 4026900932  
Conc: 473.37 ng/ml

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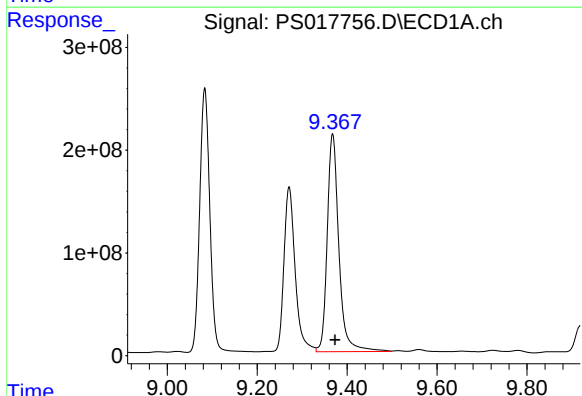
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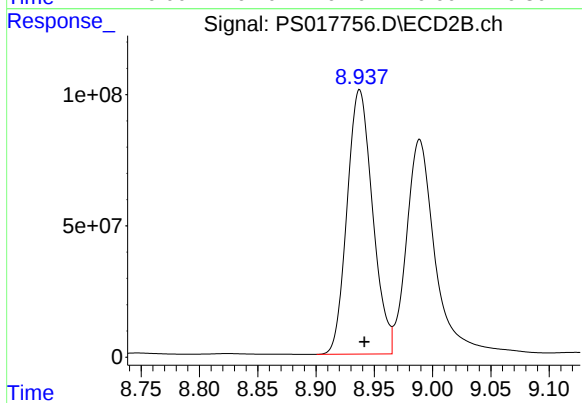
#11 2,4,5-TP (SILVEX)

R.T.: 8.558 min  
Delta R.T.: -0.007 min  
Response: 1703594759  
Conc: 468.63 ng/ml



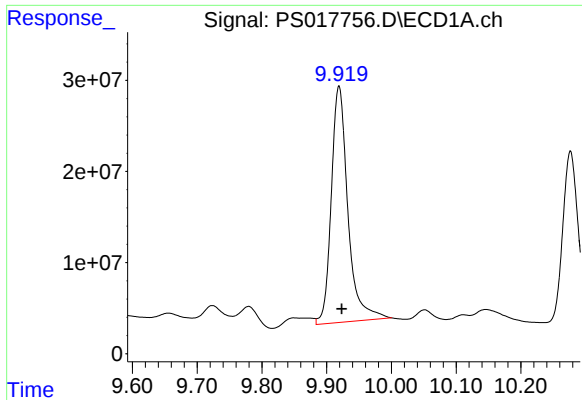
#12 2,4,5-T

R.T.: 9.368 min  
Delta R.T.: -0.006 min  
Response: 3812890514  
Conc: 438.30 ng/ml



#12 2,4,5-T

R.T.: 8.937 min  
Delta R.T.: -0.004 min  
Response: 1534622370  
Conc: 448.77 ng/ml



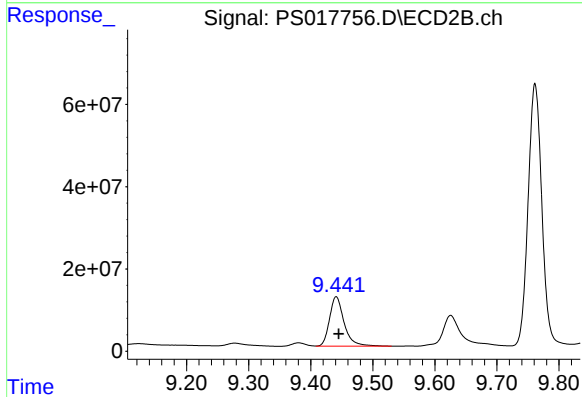
#13 2,4-DB

R.T.: 9.919 min  
Delta R.T.: -0.004 min  
Response: 462462091  
Conc: 313.17 ng/ml

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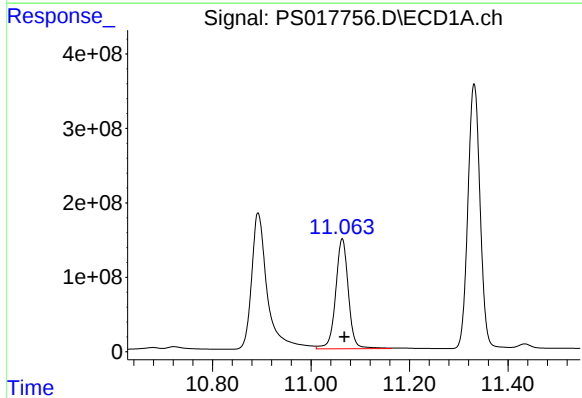
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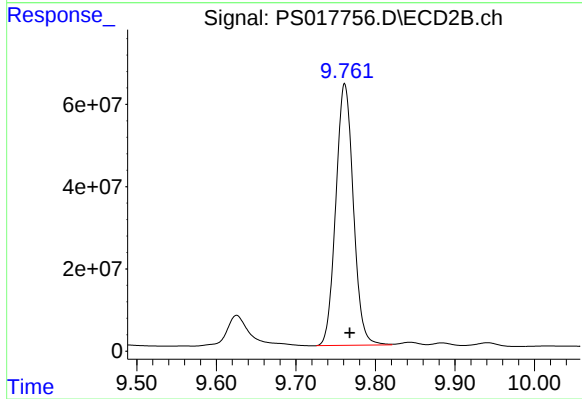
#13 2,4-DB

R.T.: 9.441 min  
Delta R.T.: -0.004 min  
Response: 196395265  
Conc: 433.49 ng/ml



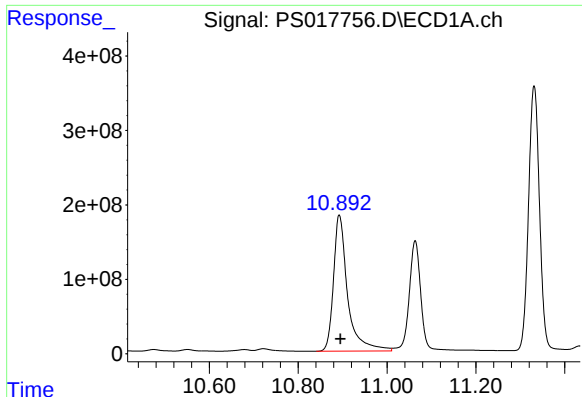
#14 DINOSEB

R.T.: 11.063 min  
Delta R.T.: -0.004 min  
Response: 2653523733  
Conc: 388.06 ng/ml



#14 DINOSEB

R.T.: 9.761 min  
Delta R.T.: -0.006 min  
Response: 973436288  
Conc: 376.78 ng/ml



#15 Picloram

R.T.: 10.893 min  
Delta R.T.: -0.002 min  
Response: 4045574267  
Conc: 372.82 ng/ml

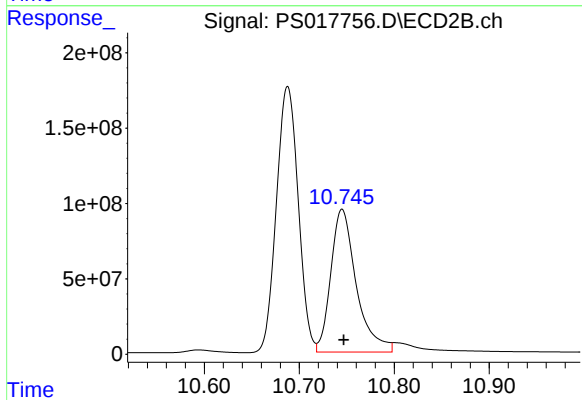
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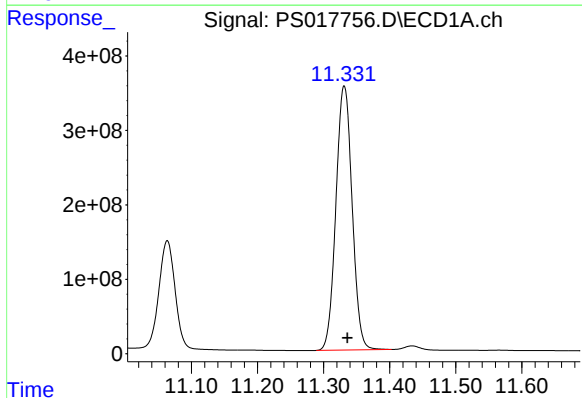
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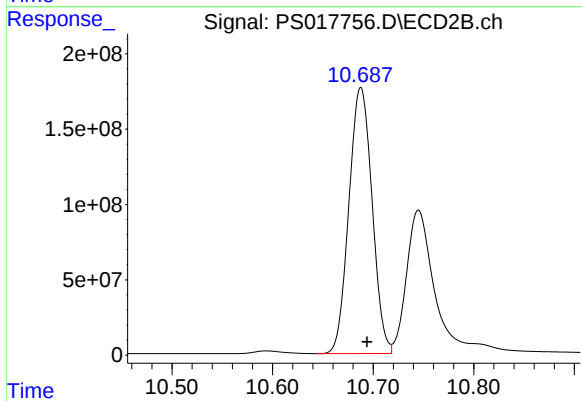
#15 Picloram

R.T.: 10.745 min  
Delta R.T.: -0.002 min  
Response: 1773110871  
Conc: 361.01 ng/ml m



#16 DCPA

R.T.: 11.331 min  
Delta R.T.: -0.005 min  
Response: 6048243282  
Conc: 556.90 ng/ml



#16 DCPA

R.T.: 10.688 min  
Delta R.T.: -0.006 min  
Response: 2829491110  
Conc: 631.74 ng/ml