

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS092619\  
 Data File : PS006918.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2019 15:35  
 Operator : SM\AJ  
 Sample : PB123398BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PB123398BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 27 00:47:16 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     | 5.481 | 5.210 | 448.1E6  | 222.6E6  | 490.353 | 484.132  |
| Target Compounds            |              |       |       |          |          |         |          |
| 1) T                        | Dalapon      | 2.049 | 1.758 | 442.3E6  | 223.9E6  | 413.991 | 420.034  |
| 2) T                        | 3,5-DICHL... | 4.847 | 4.513 | 504.8E6  | 261.0E6  | 464.071 | 453.979  |
| 3) T                        | 4-Nitroph... | 5.342 | 4.900 | 169.9E6  | 109.7E6  | 445.629 | 453.677  |
| 5) T                        | DICAMBA      | 5.631 | 5.337 | 1503.2E6 | 766.3E6  | 465.249 | 455.270  |
| 6) T                        | MCPD         | 5.781 | 5.419 | 95850036 | 51763442 | 45.054  | 44.565   |
| 7) T                        | MCPA         | 5.913 | 5.596 | 140.1E6  | 82972373 | 45.037  | 45.079   |
| 8) T                        | DICHLORPROP  | 6.260 | 5.876 | 359.0E6  | 189.0E6  | 467.550 | 456.464  |
| 9) T                        | 2,4-D        | 6.480 | 6.149 | 383.9E6  | 233.5E6  | 468.482 | 457.743  |
| 10) T                       | Pentachlo... | 6.736 | 6.513 | 5898.8E6 | 3050.9E6 | 494.944 | 484.923  |
| 11) T                       | 2,4,5-TP ... | 7.271 | 6.876 | 2183.6E6 | 1121.8E6 | 480.618 | 468.336  |
| 12) T                       | 2,4,5-T      | 7.546 | 7.236 | 2451.6E6 | 992.7E6  | 481.806 | 459.269m |
| 13) T                       | 2,4-DB       | 8.078 | 7.724 | 260.3E6  | 125.6E6  | 448.707 | 441.410  |
| 14) T                       | DINOSEB      | 9.161 | 8.032 | 1885.5E6 | 820.9E6  | 496.453 | 476.518  |
| 15) T                       | Picloram     | 9.003 | 8.972 | 3027.4E6 | 1574.3E6 | 451.465 | 432.527  |
| 16) T                       | DCPA         | 9.434 | 8.926 | 2891.1E6 | 1524.3E6 | 495.441 | 479.705m |
| -----                       |              |       |       |          |          |         |          |

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

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Acq On : 26 Sep 2019 15:35  
Operator : SM\AJ  
Sample : PB123398BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

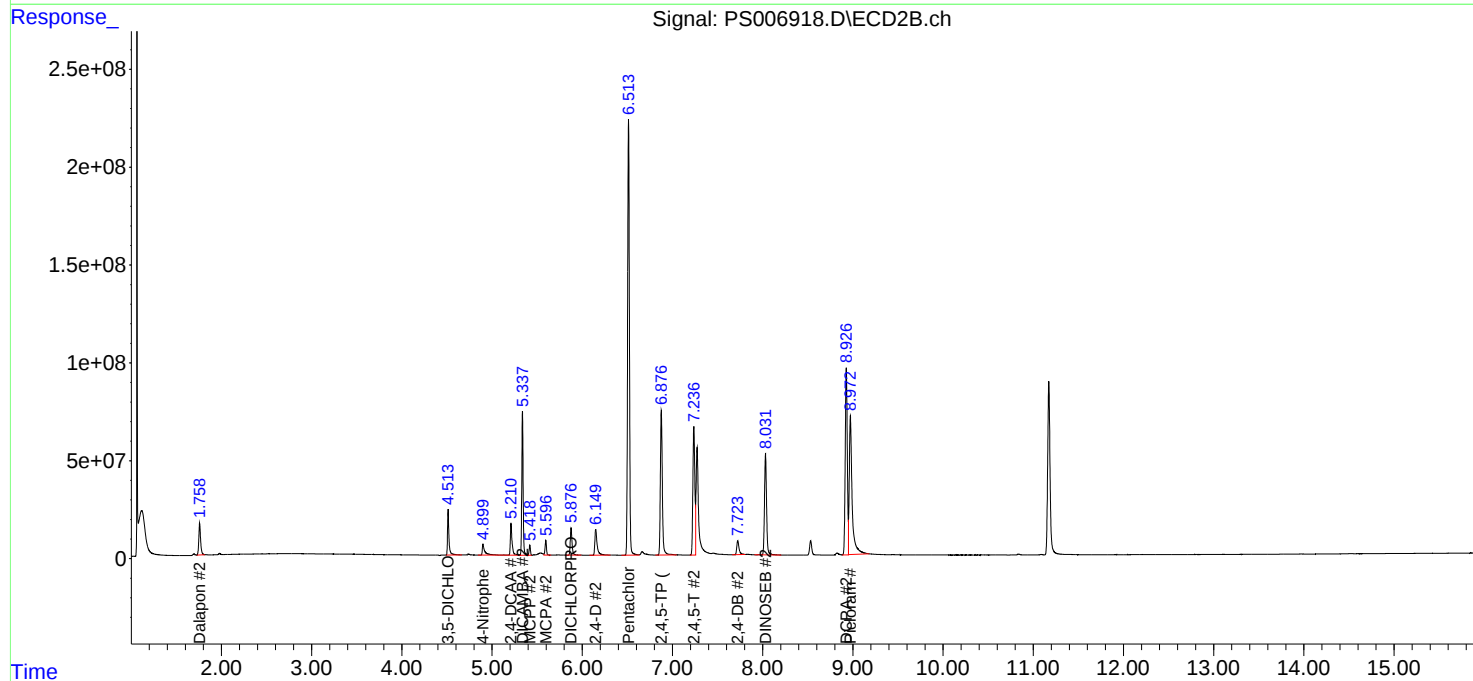
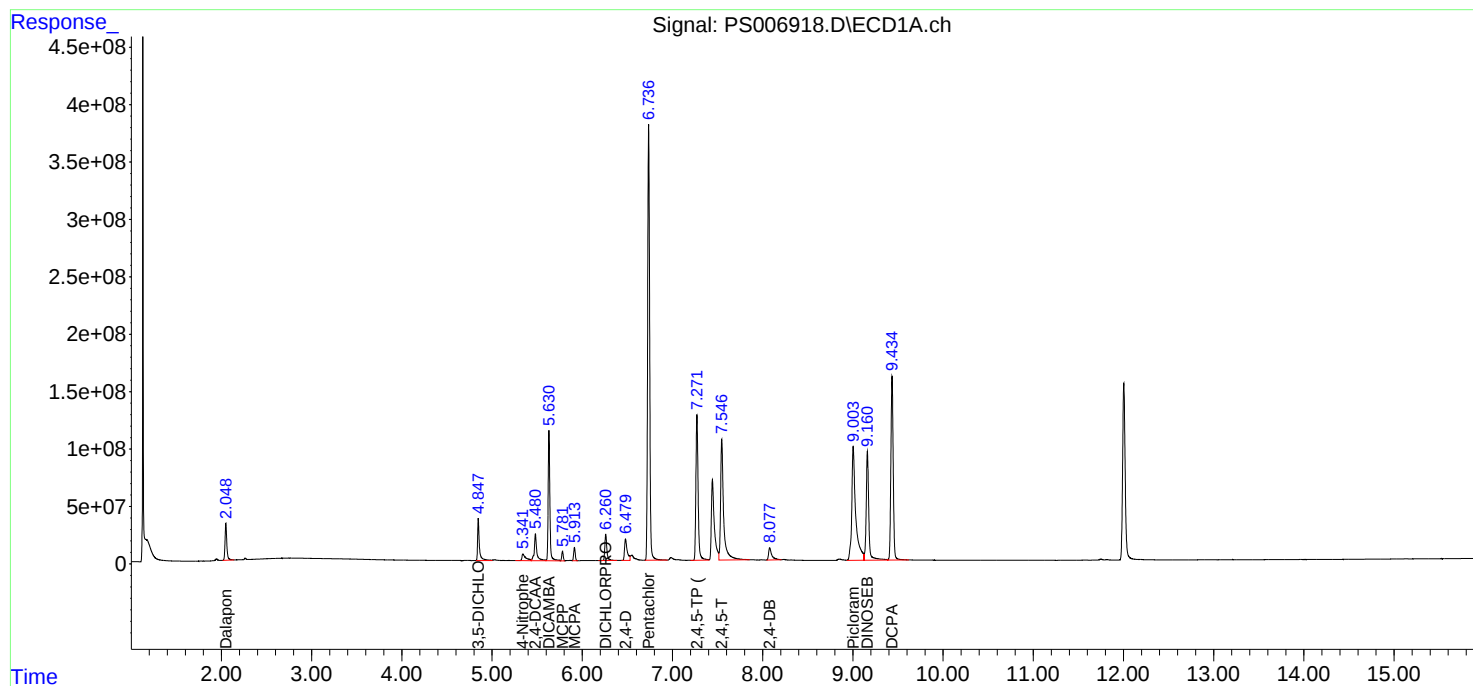
Instrument :  
ECD\_S  
ClientSampleId :  
PB123398BS

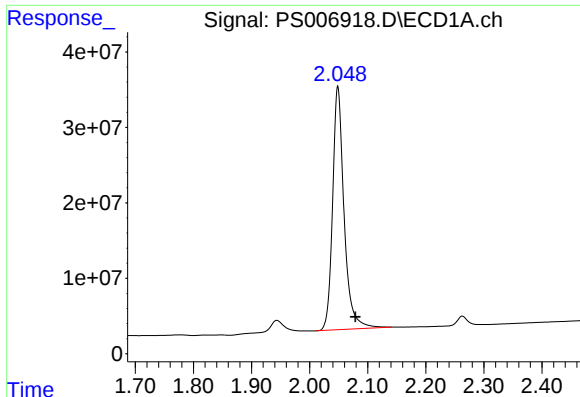
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 27 00:47:16 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS092019.M  
Quant Title : 8080.M  
QLast Update : Fri Sep 20 11:14:00 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





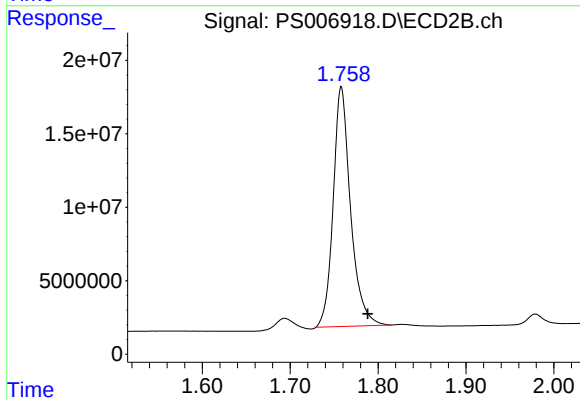
#1 Dalapon

R.T.: 2.049 min  
Delta R.T.: -0.030 min  
Response: 442310479  
Conc: 413.99 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB123398BS

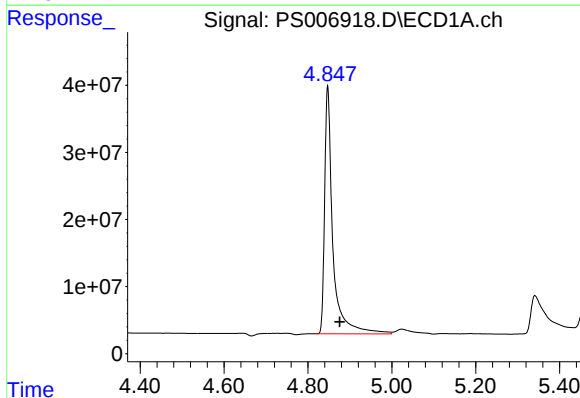
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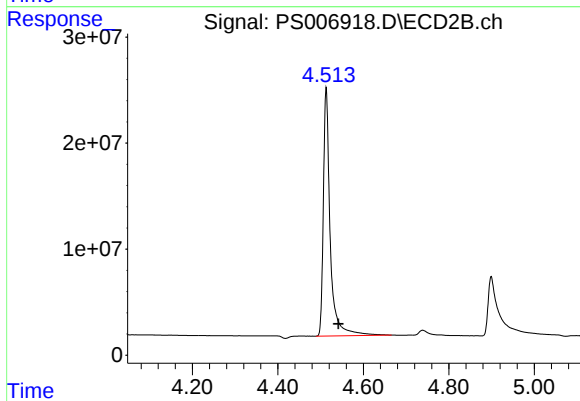
#1 Dalapon

R.T.: 1.758 min  
Delta R.T.: -0.030 min  
Response: 223907243  
Conc: 420.03 ng/ml



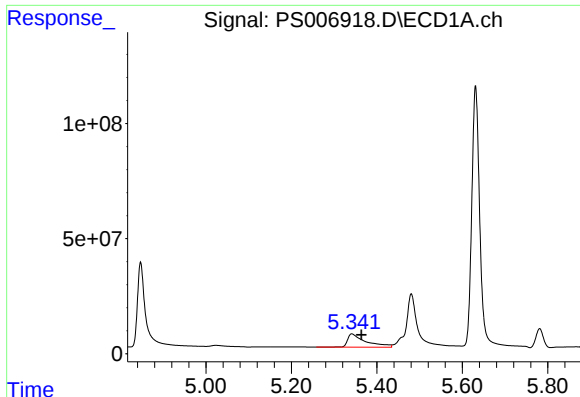
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.847 min  
Delta R.T.: -0.028 min  
Response: 504776147  
Conc: 464.07 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.513 min  
Delta R.T.: -0.028 min  
Response: 260974975  
Conc: 453.98 ng/ml



### #3 4-Nitrophenol

R.T.: 5.342 min  
Delta R.T.: -0.022 min  
Response: 169917290  
Conc: 445.63 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB123398BS

Manual Integrations  
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### #3 4-Nitrophenol

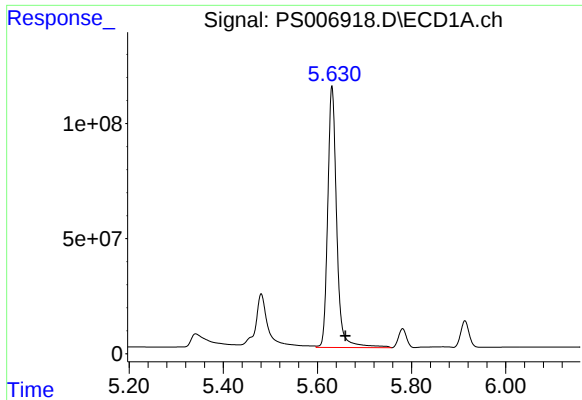
R.T.: 4.900 min  
Delta R.T.: -0.025 min  
Response: 109667629  
Conc: 453.68 ng/ml

### #4 2,4-DCAA

R.T.: 5.481 min  
Delta R.T.: -0.027 min  
Response: 448091426  
Conc: 490.35 ng/ml

### #4 2,4-DCAA

R.T.: 5.210 min  
Delta R.T.: -0.028 min  
Response: 222623827  
Conc: 484.13 ng/ml



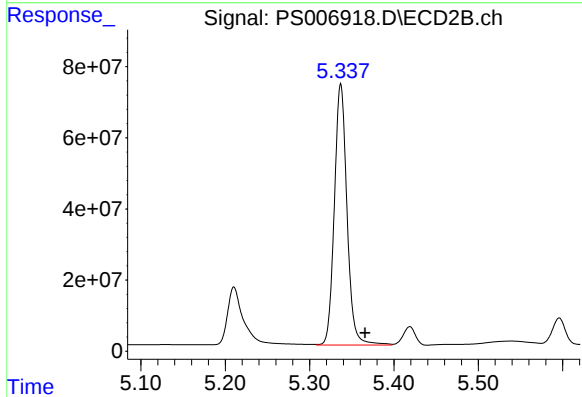
#5 DICAMBA

R.T.: 5.631 min  
Delta R.T.: -0.029 min  
Response: 1503240619  
Conc: 465.25 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB123398BS

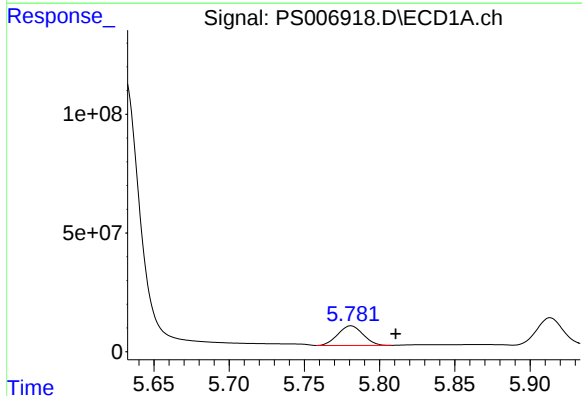
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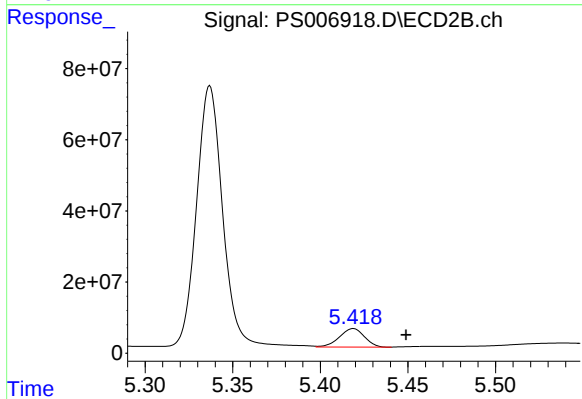
#5 DICAMBA

R.T.: 5.337 min  
Delta R.T.: -0.029 min  
Response: 766341241  
Conc: 455.27 ng/ml



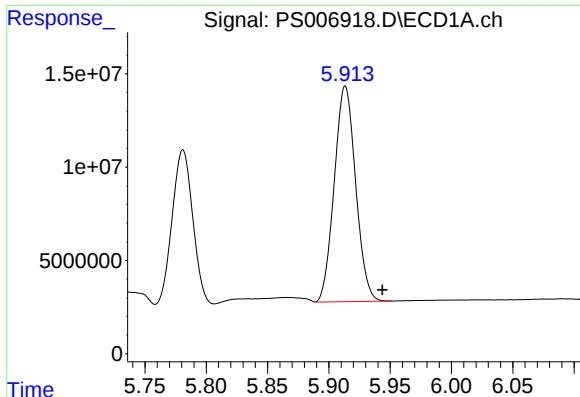
#6 MCP

R.T.: 5.781 min  
Delta R.T.: -0.030 min  
Response: 95850036  
Conc: 45.05 ug/ml



#6 MCP

R.T.: 5.419 min  
Delta R.T.: -0.030 min  
Response: 51763442  
Conc: 44.57 ug/ml



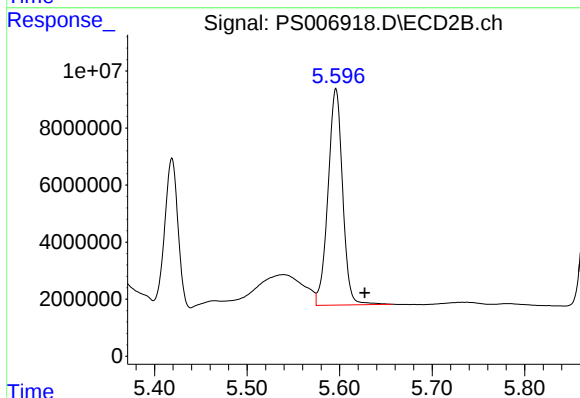
#7 MCPA

R.T.: 5.913 min  
Delta R.T.: -0.030 min  
Response: 140115255  
Conc: 45.04 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB123398BS

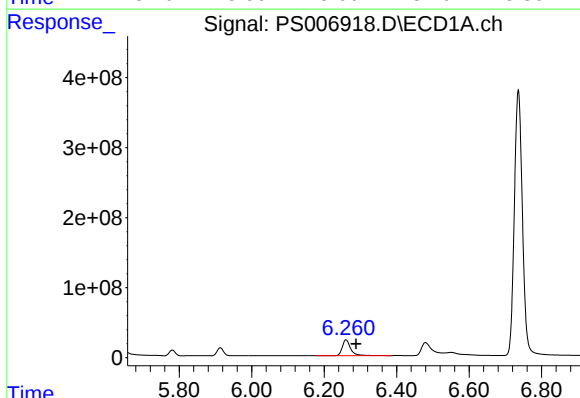
Manual Integrations  
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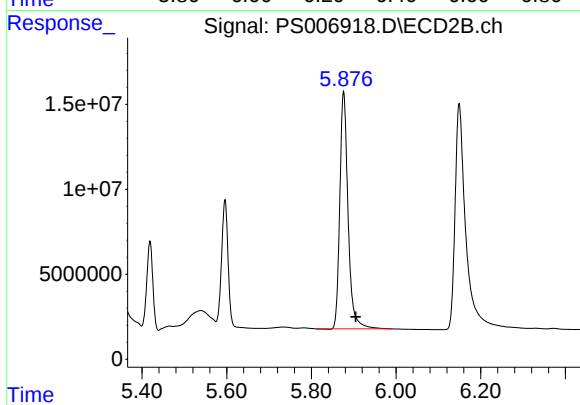
#7 MCPA

R.T.: 5.596 min  
Delta R.T.: -0.031 min  
Response: 82972373  
Conc: 45.08 ug/ml



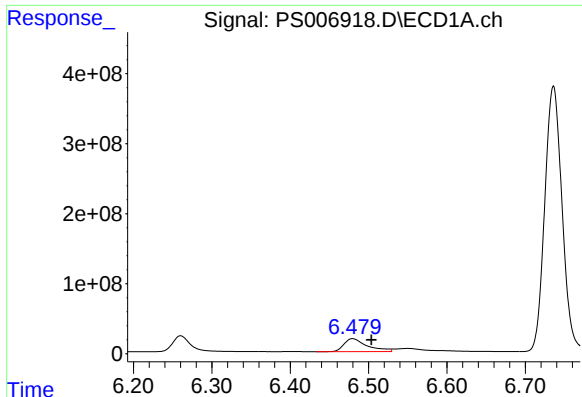
#8 DICHLORPROP

R.T.: 6.260 min  
Delta R.T.: -0.028 min  
Response: 358990558  
Conc: 467.55 ng/ml



#8 DICHLORPROP

R.T.: 5.876 min  
Delta R.T.: -0.028 min  
Response: 189012332  
Conc: 456.46 ng/ml



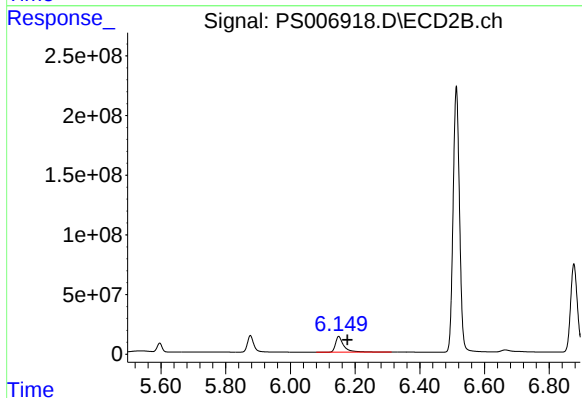
#9 2,4-D

R.T.: 6.480 min  
Delta R.T.: -0.024 min  
Response: 383927955  
Conc: 468.48 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB123398BS

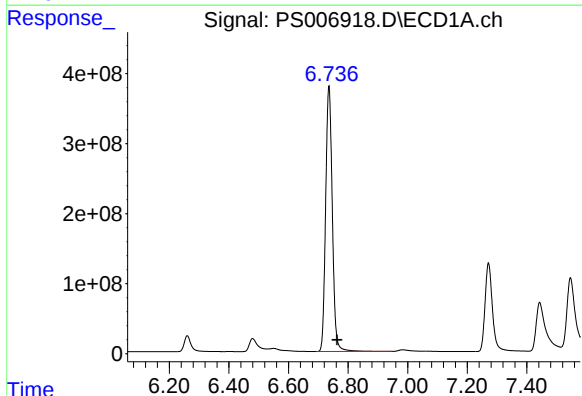
Manual Integrations  
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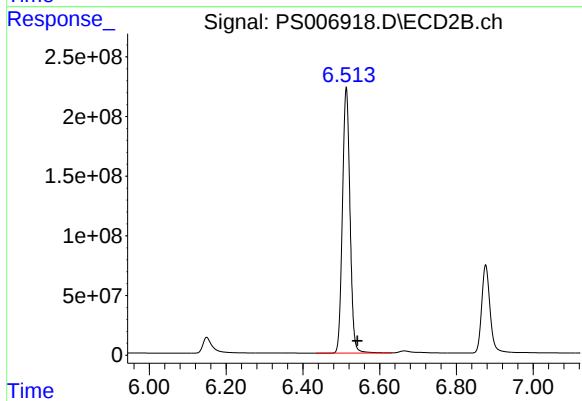
#9 2,4-D

R.T.: 6.149 min  
Delta R.T.: -0.027 min  
Response: 233483146  
Conc: 457.74 ng/ml



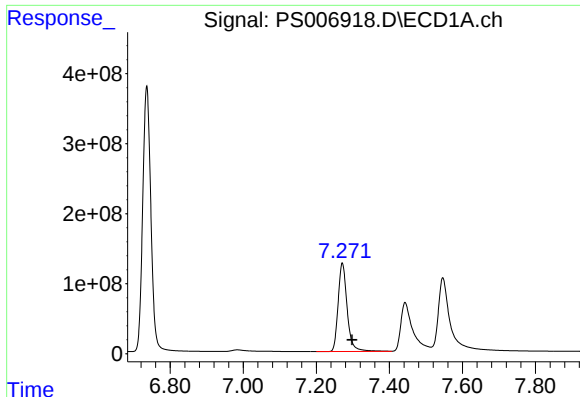
#10 Pentachlorophenol

R.T.: 6.736 min  
Delta R.T.: -0.028 min  
Response: 5898774111  
Conc: 494.94 ng/ml



#10 Pentachlorophenol

R.T.: 6.513 min  
Delta R.T.: -0.029 min  
Response: 3050881506  
Conc: 484.92 ng/ml



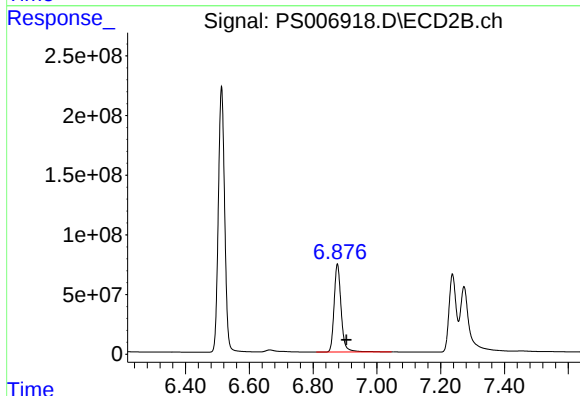
#11 2,4,5-TP (SILVEX)

R.T.: 7.271 min  
Delta R.T.: -0.027 min  
Response: 2183608596  
Conc: 480.62 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB123398BS

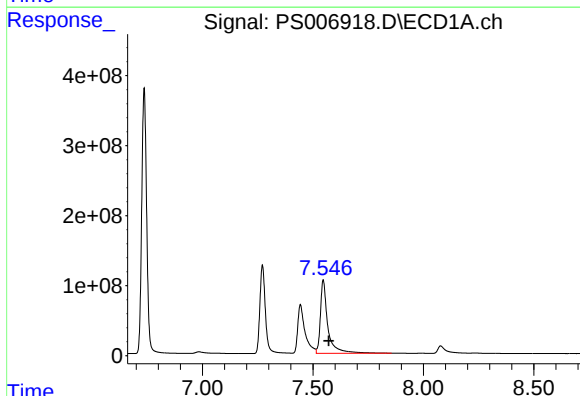
Manual Integrations  
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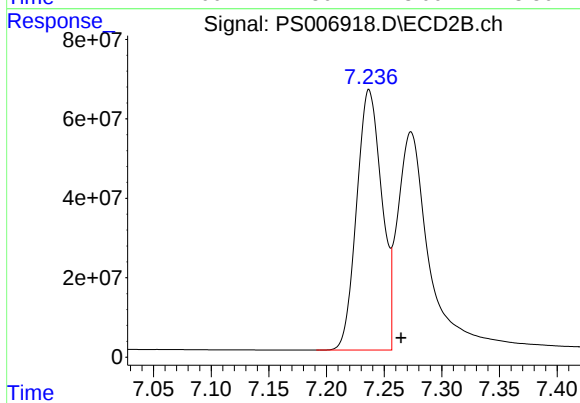
#11 2,4,5-TP (SILVEX)

R.T.: 6.876 min  
Delta R.T.: -0.028 min  
Response: 1121823792  
Conc: 468.34 ng/ml



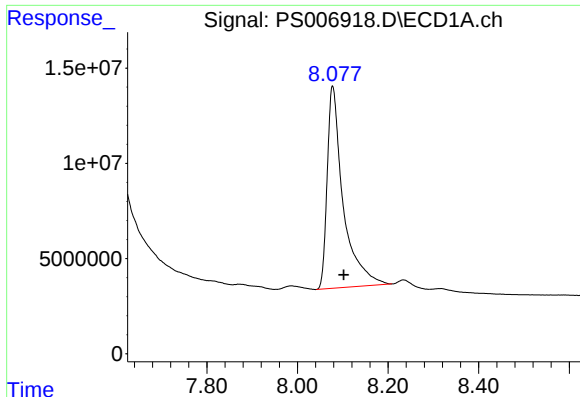
#12 2,4,5-T

R.T.: 7.546 min  
Delta R.T.: -0.025 min  
Response: 2451575411  
Conc: 481.81 ng/ml



#12 2,4,5-T

R.T.: 7.236 min  
Delta R.T.: -0.028 min  
Response: 992677066  
Conc: 459.27 ng/ml m



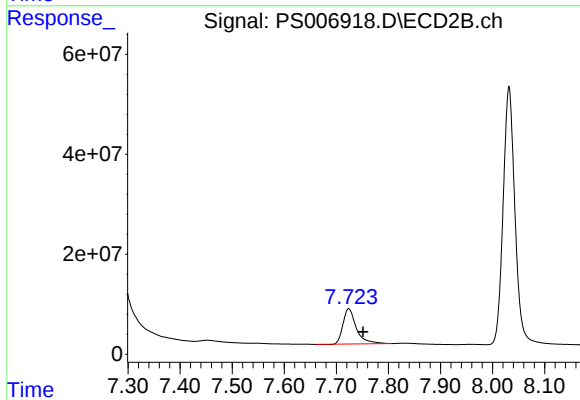
#13 2,4-DB

R.T.: 8.078 min  
Delta R.T.: -0.024 min  
Response: 260255530  
Conc: 448.71 ng/ml

Instrument :  
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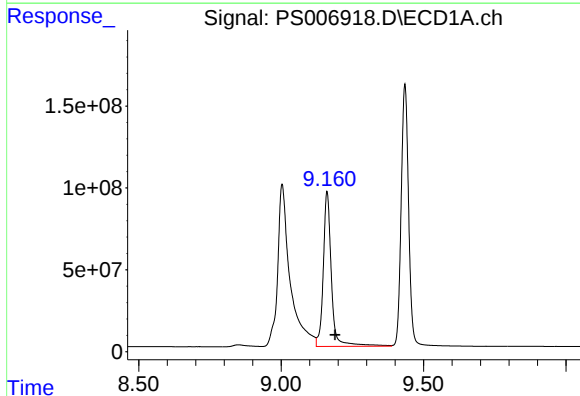
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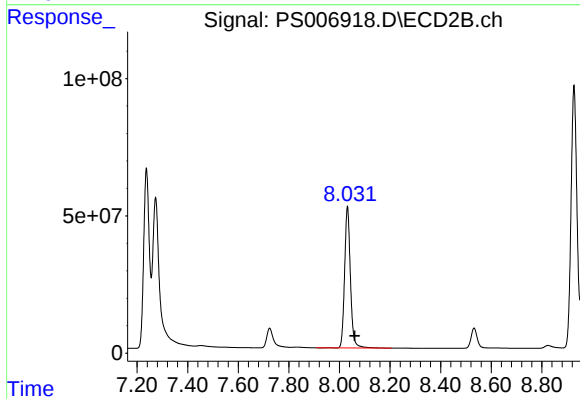
#13 2,4-DB

R.T.: 7.724 min  
Delta R.T.: -0.027 min  
Response: 125583709  
Conc: 441.41 ng/ml



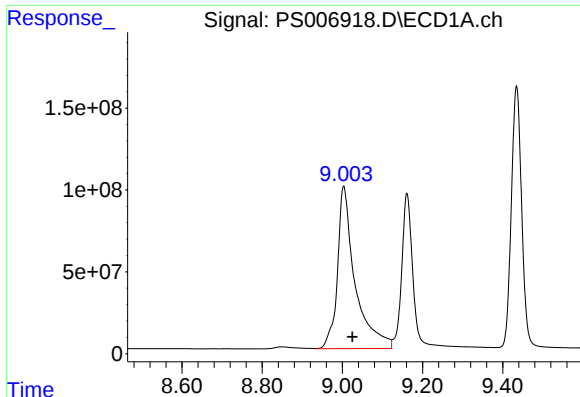
#14 DINOSEB

R.T.: 9.161 min  
Delta R.T.: -0.028 min  
Response: 1885487988  
Conc: 496.45 ng/ml



#14 DINOSEB

R.T.: 8.032 min  
Delta R.T.: -0.029 min  
Response: 820922706  
Conc: 476.52 ng/ml



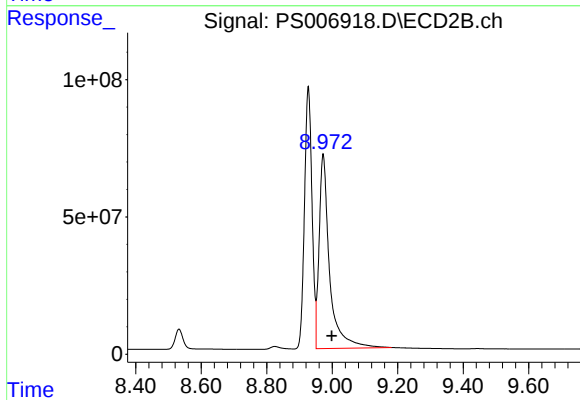
#15 Picloram

R.T.: 9.003 min  
Delta R.T.: -0.021 min  
Response: 3027380282  
Conc: 451.47 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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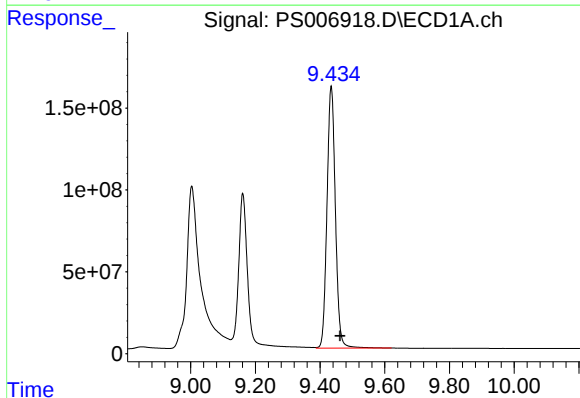
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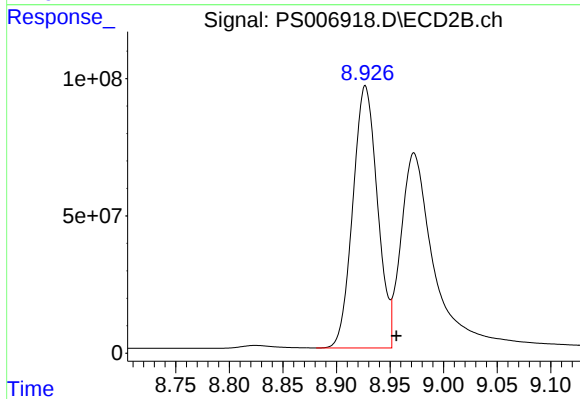
#15 Picloram

R.T.: 8.972 min  
Delta R.T.: -0.026 min  
Response: 1574250996  
Conc: 432.53 ng/ml



#16 DCPA

R.T.: 9.434 min  
Delta R.T.: -0.028 min  
Response: 2891107771  
Conc: 495.44 ng/ml



#16 DCPA

R.T.: 8.926 min  
Delta R.T.: -0.029 min  
Response: 1524258056  
Conc: 479.71 ng/ml m