

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS082824\  
 Data File : PS027538.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Aug 2024 21:36  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 08/29/2024  
 Supervised By :Ankita Jodhani 08/29/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 29 05:08:28 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS081924.M  
 Quant Title : 8080.M  
 QLast Update : Mon Aug 19 14:50:32 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 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     | 7.156  | 7.736  | 1898.4E6  | 1434.7E6  | 734.022  | 726.695  |
| Target Compounds            |              |        |        |           |           |          |          |
| 1) T                        | Dalapon      | 2.590  | 2.693  | 2117.8E6  | 2355.3E6  | 637.777  | 644.755  |
| 2) T                        | 3,5-DICHL... | 6.338  | 6.692  | 2753.3E6  | 1965.2E6  | 671.727m | 678.319  |
| 3) T                        | 4-Nitroph... | 6.953  | 7.264  | 1055.5E6  | 904.7E6   | 677.838  | 677.983m |
| 5) T                        | DICAMBA      | 7.337  | 7.934  | 7728.5E6  | 6310.9E6  | 681.382m | 689.847  |
| 6) T                        | MCPD         | 7.515  | 8.036  | 545.6E6   | 426.0E6   | 71.206m  | 69.984   |
| 7) T                        | MCPA         | 7.661  | 8.279  | 689.5E6   | 560.3E6   | 70.086   | 68.474   |
| 8) T                        | DICHLORPROP  | 8.027  | 8.645  | 1879.8E6  | 1517.2E6  | 684.778  | 682.292m |
| 9) T                        | 2,4-D        | 8.252  | 8.973  | 2036.9E6  | 1701.3E6  | 698.847  | 686.705  |
| 10) T                       | Pentachlo... | 8.542  | 9.501  | 29227.5E6 | 23600.0E6 | 709.401  | 692.133  |
| 11) T                       | 2,4,5-TP ... | 9.111  | 9.873  | 11121.5E6 | 9381.6E6  | 705.142  | 687.079m |
| 12) T                       | 2,4,5-T      | 9.399  | 10.292 | 10897.4E6 | 9314.7E6  | 716.644  | 689.522  |
| 13) T                       | 2,4-DB       | 9.965  | 10.856 | 1549.1E6  | 1159.3E6  | 724.523  | 686.236  |
| 14) T                       | DINOSEB      | 11.150 | 11.234 | 8438.0E6  | 6368.3E6  | 703.484  | 681.951m |
| 15) T                       | Picloram     | 10.967 | 12.324 | 14525.0E6 | 13538.0E6 | 722.928  | 691.518  |
| 16) T                       | DCPA         | 11.447 | 12.274 | 13537.4E6 | 10348.7E6 | 721.746m | 702.845  |
| -----                       |              |        |        |           |           |          |          |

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

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Data File : PS027538.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Aug 2024 21:36  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

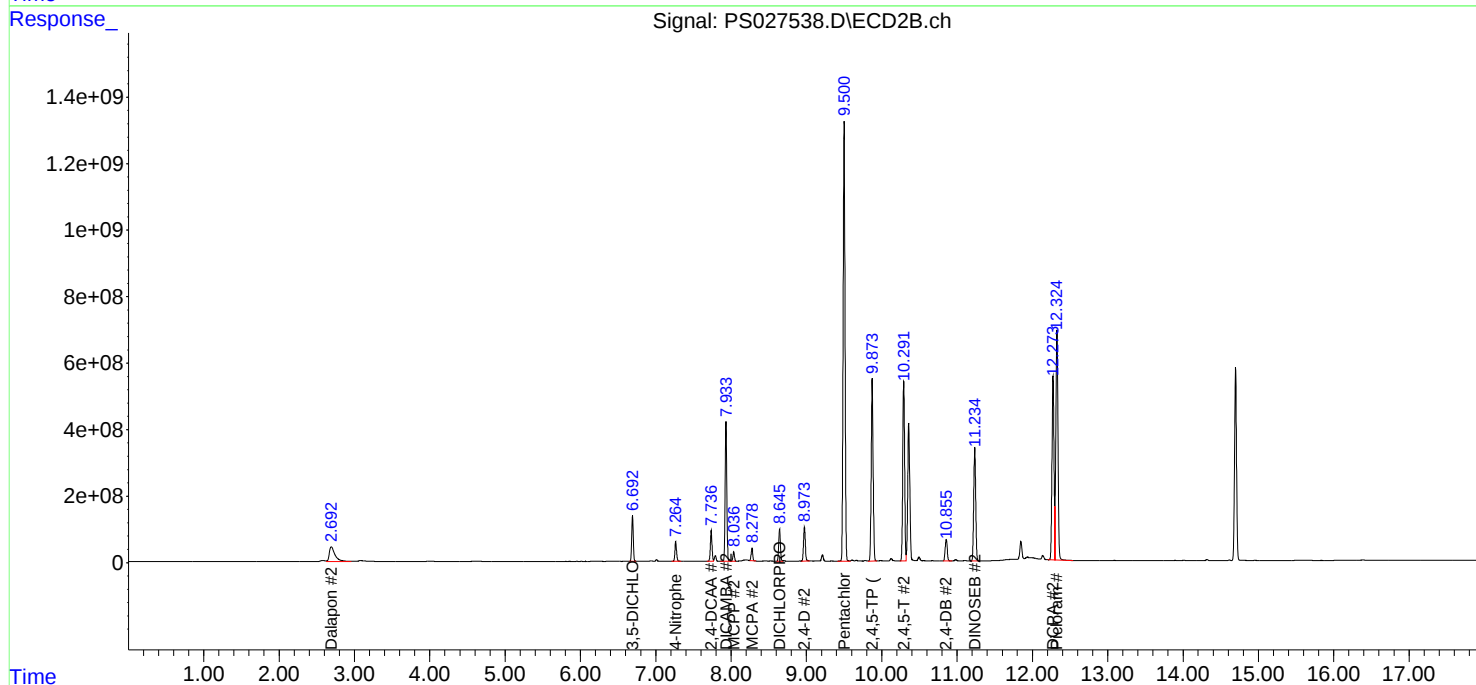
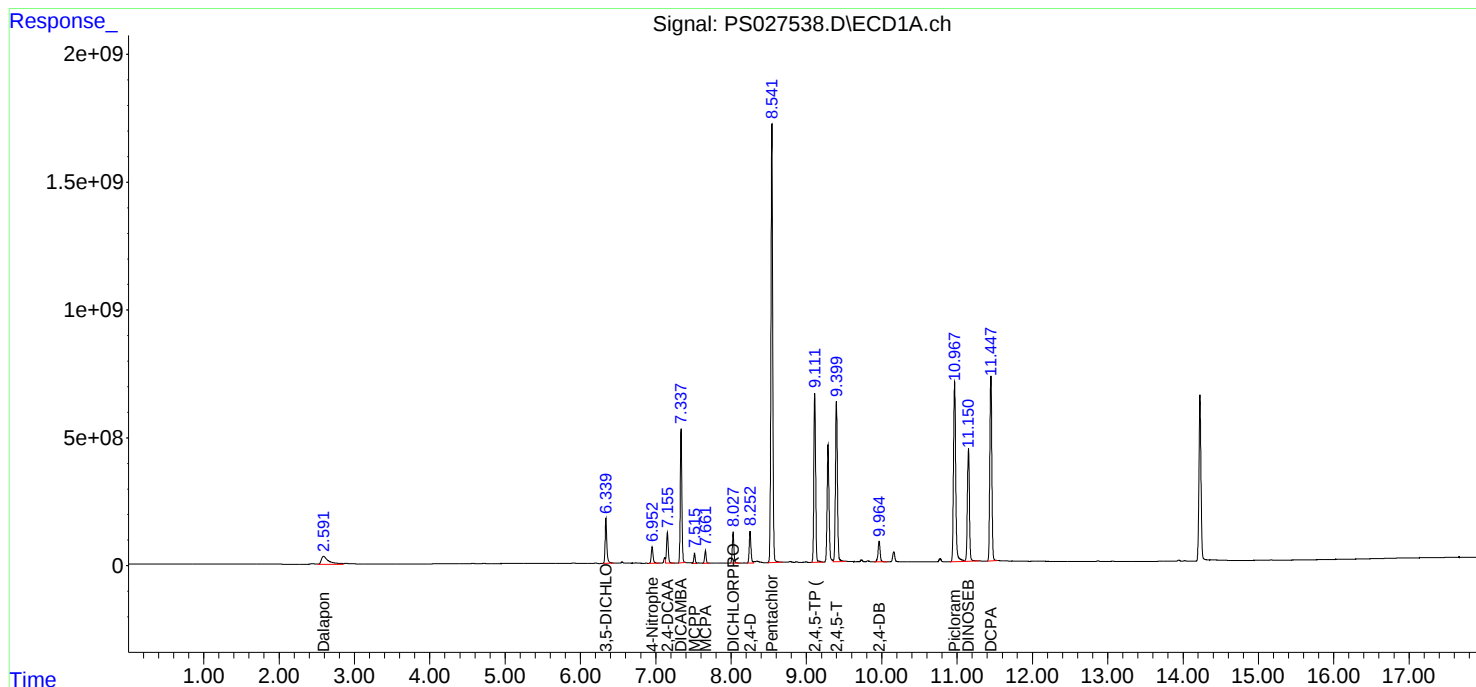
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

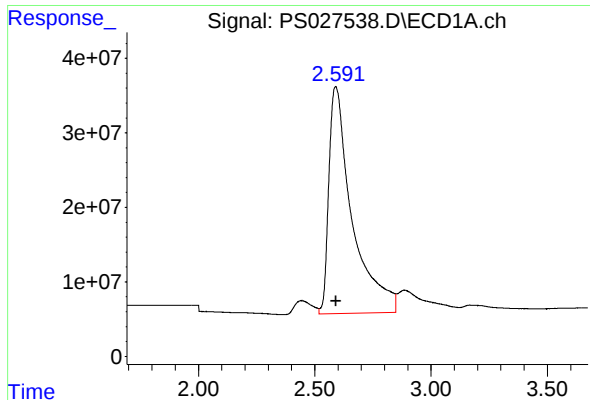
Manual Integrations  
APPROVED

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Supervised By : Ankita Jodhani 08/29/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 29 05:08:28 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS081924.M  
Quant Title : 8080.M  
QLast Update : Mon Aug 19 14:50:32 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





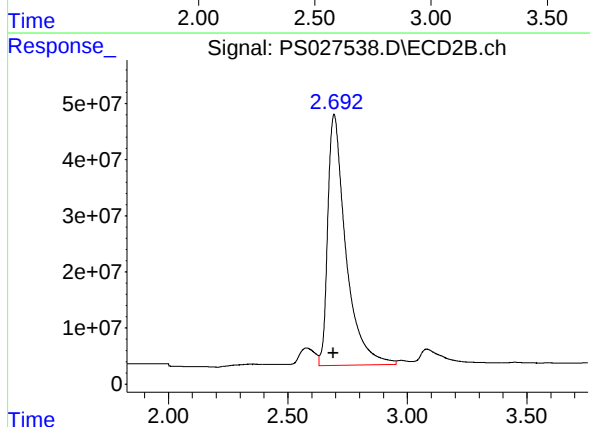
#1 Dalapon

R.T.: 2.590 min  
Delta R.T.: -0.002 min  
Response: 2117807152  
Conc: 637.78 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

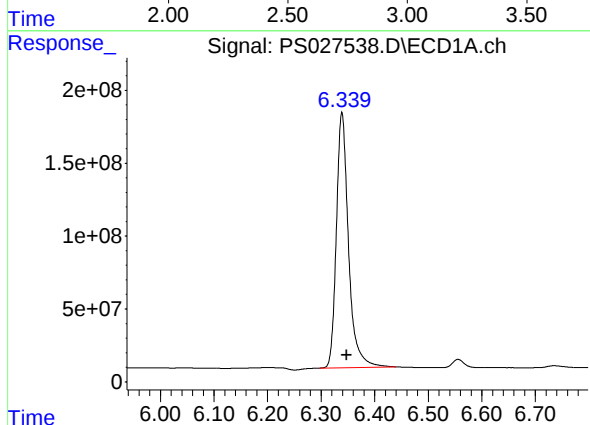
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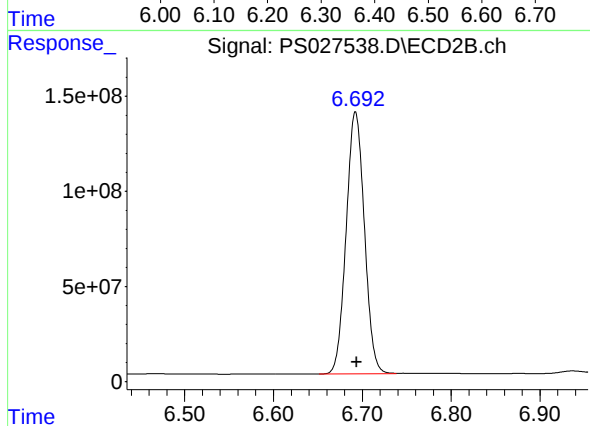
#1 Dalapon

R.T.: 2.693 min  
Delta R.T.: 0.002 min  
Response: 2355336590  
Conc: 644.75 ng/ml



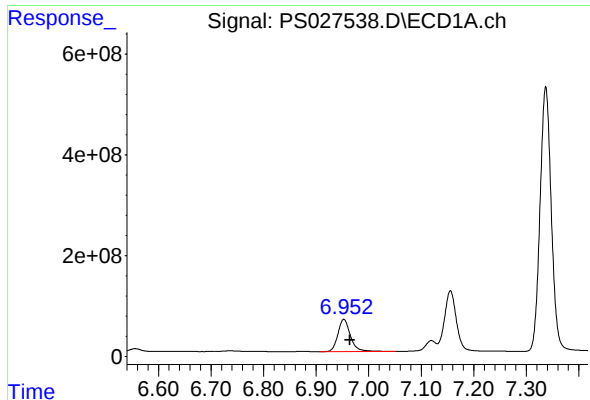
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.338 min  
Delta R.T.: -0.009 min  
Response: 2753343503  
Conc: 671.73 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.692 min  
Delta R.T.: -0.001 min  
Response: 1965157461  
Conc: 678.32 ng/ml



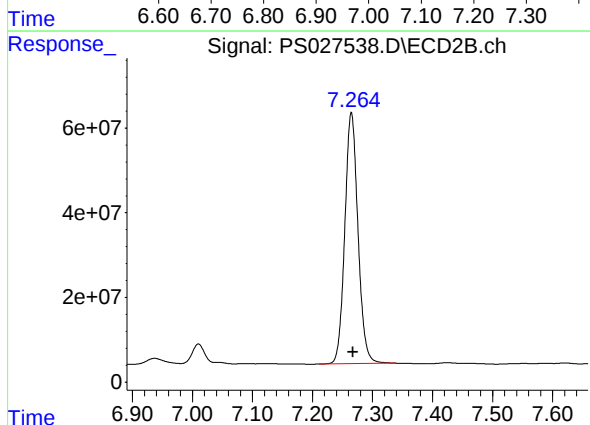
#3 4-Nitrophenol

R.T.: 6.953 min  
Delta R.T.: -0.012 min  
Response: 1055527665  
Conc: 677.84 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

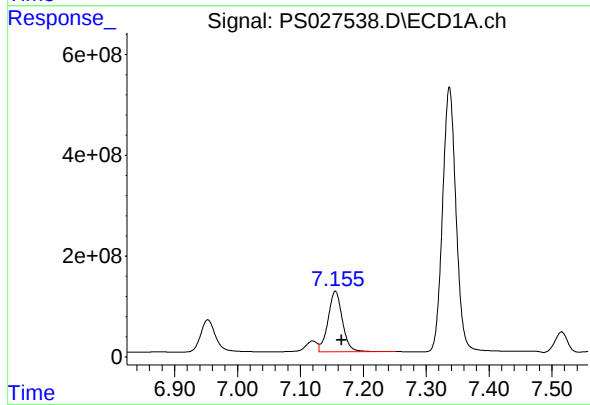
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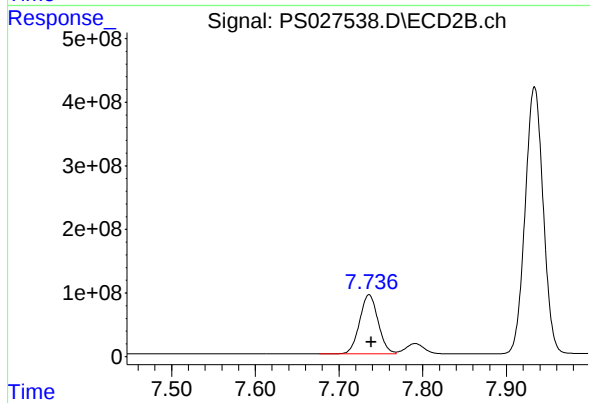
#3 4-Nitrophenol

R.T.: 7.264 min  
Delta R.T.: -0.003 min  
Response: 904701833  
Conc: 677.98 ng/ml



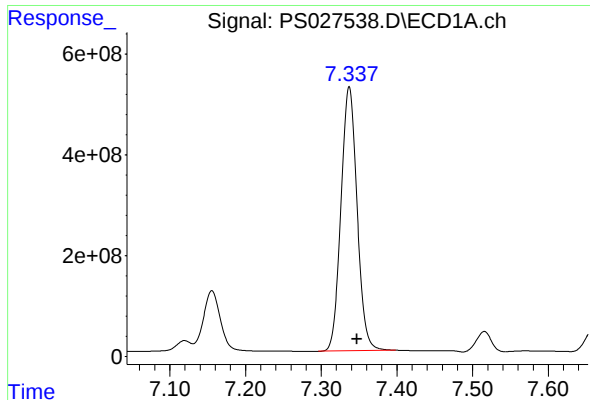
#4 2,4-DCAA

R.T.: 7.156 min  
Delta R.T.: -0.010 min  
Response: 1898371492  
Conc: 734.02 ng/ml



#4 2,4-DCAA

R.T.: 7.736 min  
Delta R.T.: -0.003 min  
Response: 1434665645  
Conc: 726.69 ng/ml



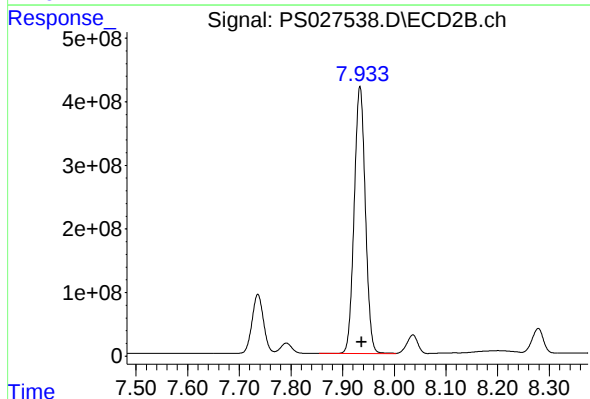
#5 DICAMBA

R.T.: 7.337 min  
Delta R.T.: -0.011 min  
Response: 7728486176  
Conc: 681.38 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

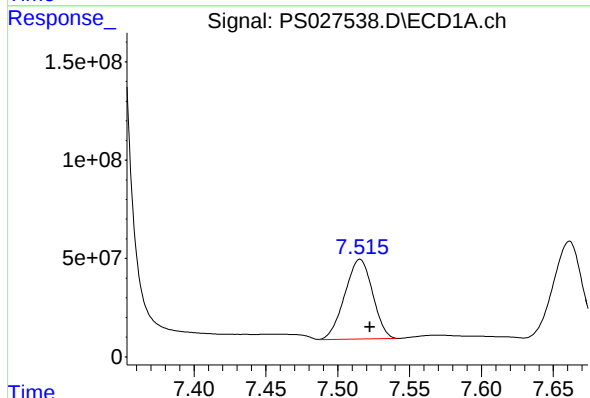
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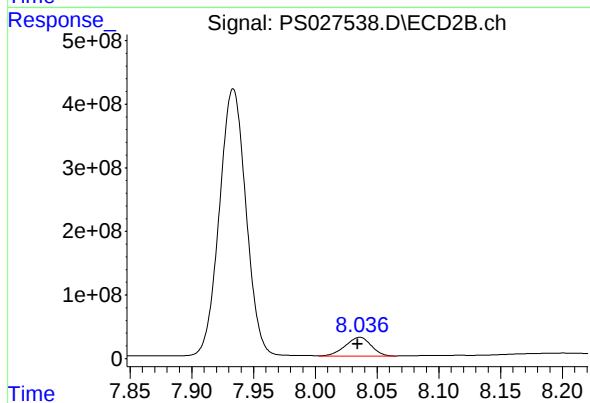
#5 DICAMBA

R.T.: 7.934 min  
Delta R.T.: -0.003 min  
Response: 6310895270  
Conc: 689.85 ng/ml



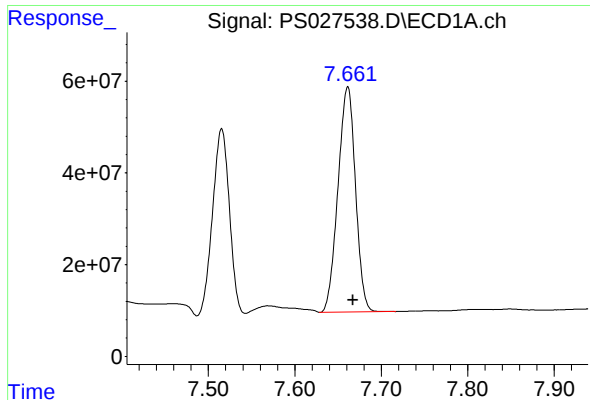
#6 MCPP

R.T.: 7.515 min  
Delta R.T.: -0.007 min  
Response: 545624358  
Conc: 71.21 ug/ml m



#6 MCPP

R.T.: 8.036 min  
Delta R.T.: 0.002 min  
Response: 426029485  
Conc: 69.98 ug/ml



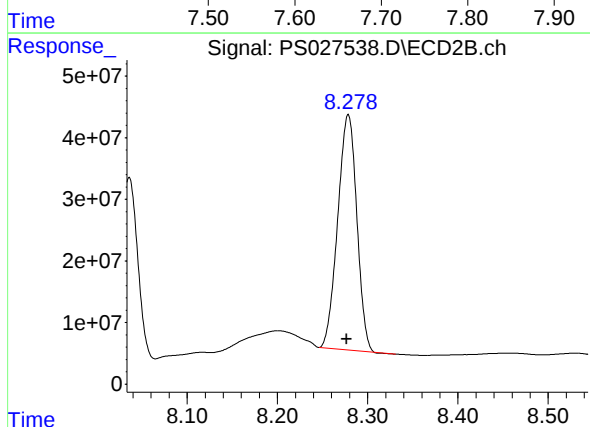
#7 MCPA

R.T.: 7.661 min  
Delta R.T.: -0.006 min  
Response: 689476556  
Conc: 70.09 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

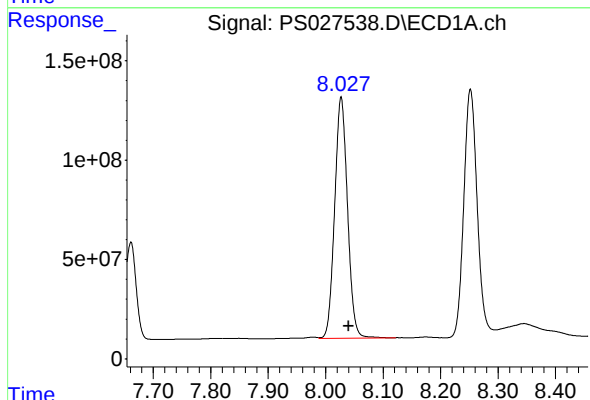
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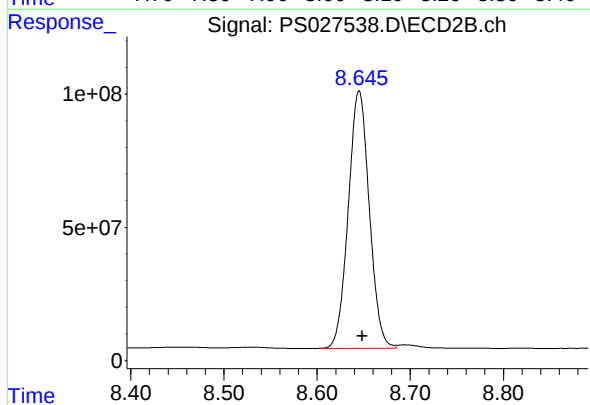
#7 MCPA

R.T.: 8.279 min  
Delta R.T.: 0.002 min  
Response: 560344426  
Conc: 68.47 ug/ml



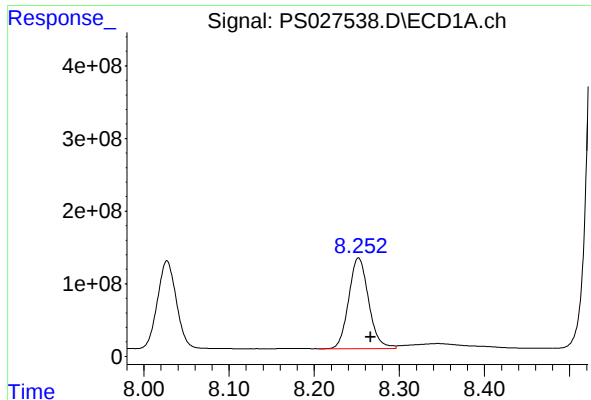
#8 DICHLORPROP

R.T.: 8.027 min  
Delta R.T.: -0.013 min  
Response: 1879804754  
Conc: 684.78 ng/ml



#8 DICHLORPROP

R.T.: 8.645 min  
Delta R.T.: -0.004 min  
Response: 1517184890  
Conc: 682.29 ng/ml m



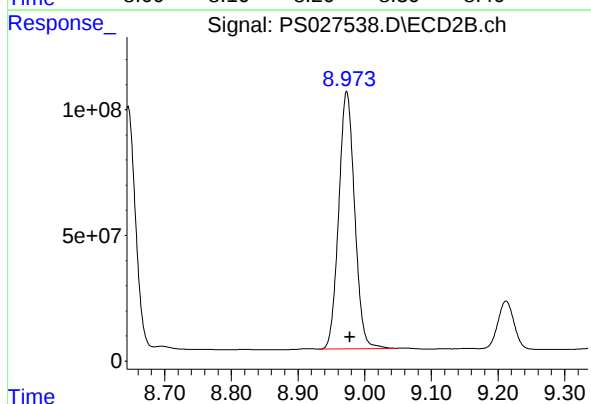
#9 2,4-D

R.T.: 8.252 min  
Delta R.T.: -0.014 min  
Response: 2036851494  
Conc: 698.85 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

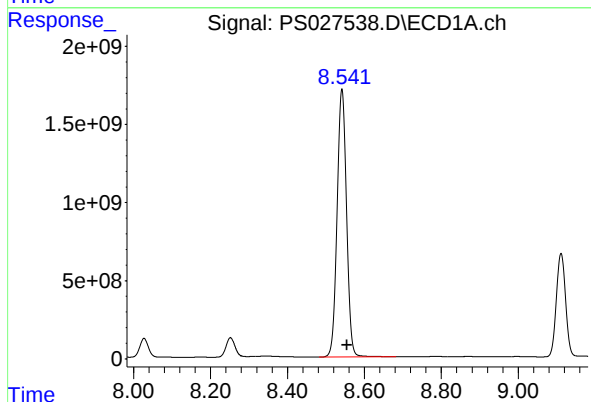
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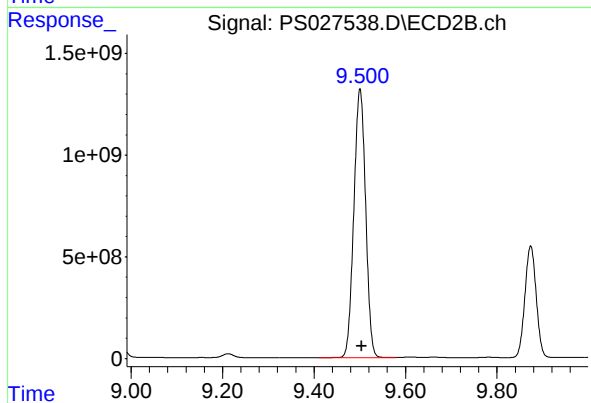
#9 2,4-D

R.T.: 8.973 min  
Delta R.T.: -0.005 min  
Response: 1701317482  
Conc: 686.71 ng/ml



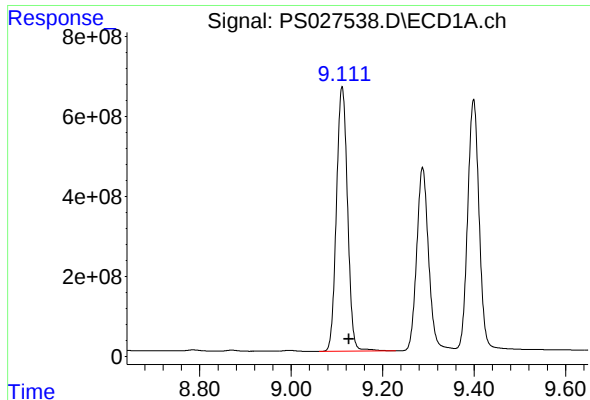
#10 Pentachlorophenol

R.T.: 8.542 min  
Delta R.T.: -0.013 min  
Response: 29227490117  
Conc: 709.40 ng/ml



#10 Pentachlorophenol

R.T.: 9.501 min  
Delta R.T.: -0.003 min  
Response: 23600002959  
Conc: 692.13 ng/ml



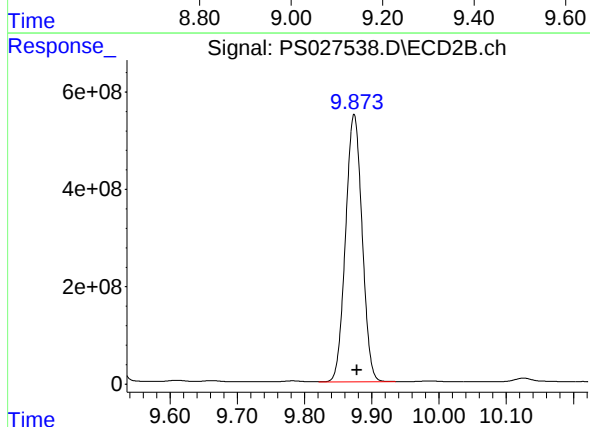
#11 2,4,5-TP (SILVEX)

R.T.: 9.111 min  
Delta R.T.: -0.015 min  
Response: 11121480977  
Conc: 705.14 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

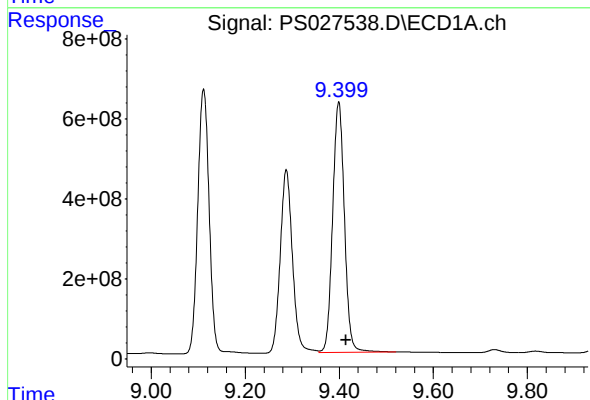
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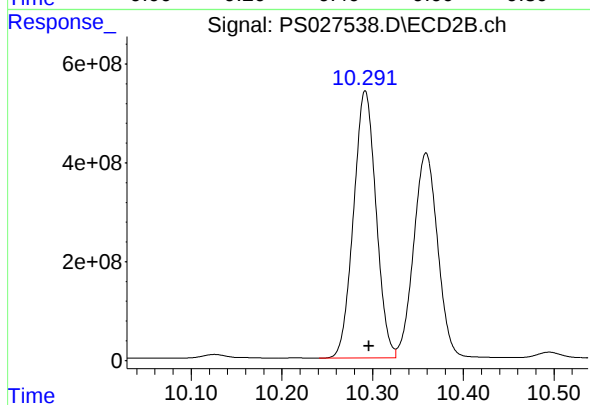
#11 2,4,5-TP (SILVEX)

R.T.: 9.873 min  
Delta R.T.: -0.005 min  
Response: 9381599946  
Conc: 687.08 ng/ml



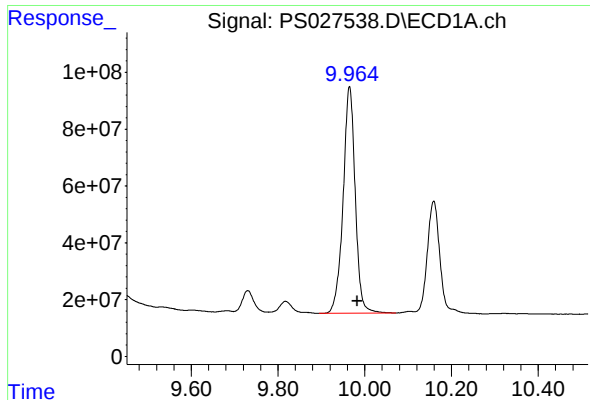
#12 2,4,5-T

R.T.: 9.399 min  
Delta R.T.: -0.016 min  
Response: 10897417471  
Conc: 716.64 ng/ml



#12 2,4,5-T

R.T.: 10.292 min  
Delta R.T.: -0.004 min  
Response: 9314684366  
Conc: 689.52 ng/ml



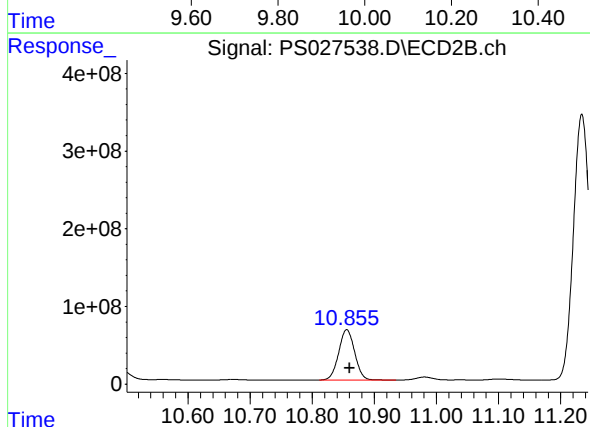
#13 2,4-DB

R.T.: 9.965 min  
Delta R.T.: -0.017 min  
Response: 1549132557  
Conc: 724.52 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

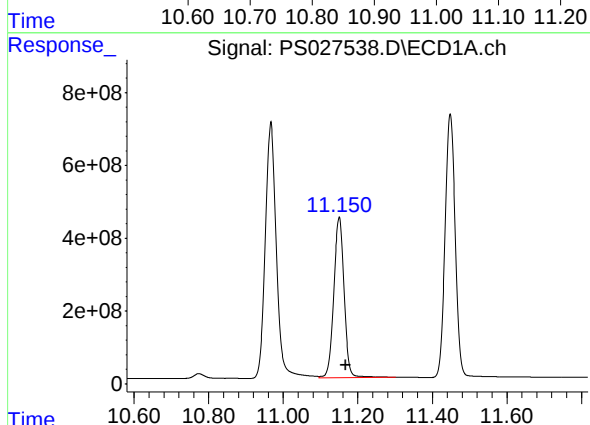
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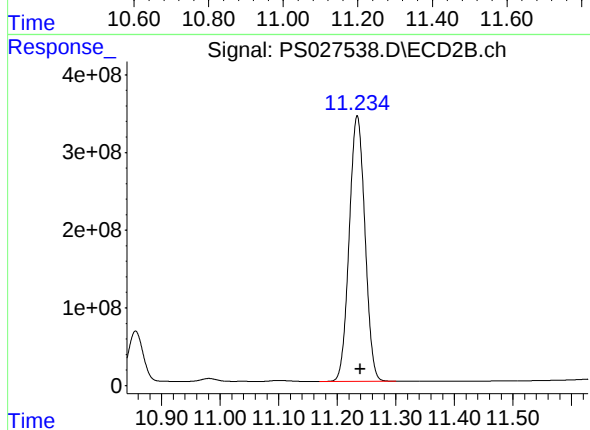
#13 2,4-DB

R.T.: 10.856 min  
Delta R.T.: -0.005 min  
Response: 1159304656  
Conc: 686.24 ng/ml



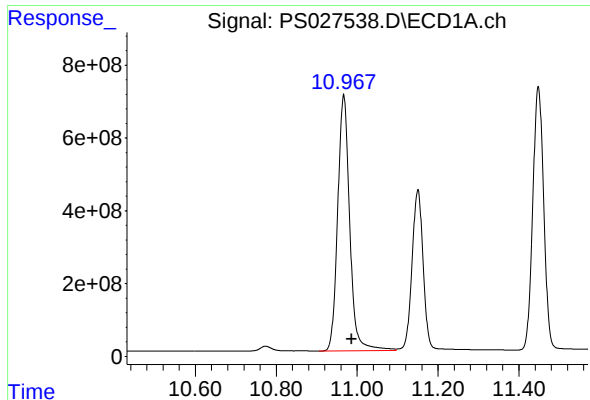
#14 DINOSEB

R.T.: 11.150 min  
Delta R.T.: -0.017 min  
Response: 8437971704  
Conc: 703.48 ng/ml



#14 DINOSEB

R.T.: 11.234 min  
Delta R.T.: -0.005 min  
Response: 6368316173  
Conc: 681.95 ng/ml m



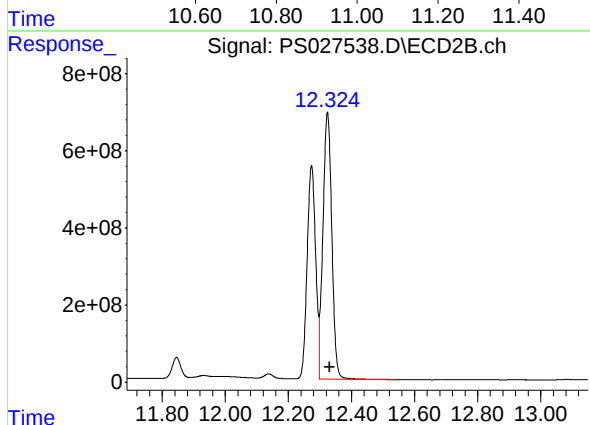
#15 Picloram

R.T.: 10.967 min  
Delta R.T.: -0.020 min  
Response: 14525048384  
Conc: 722.93 ng/ml

Instrument :  
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ClientSampleId :  
HSTDCCC750

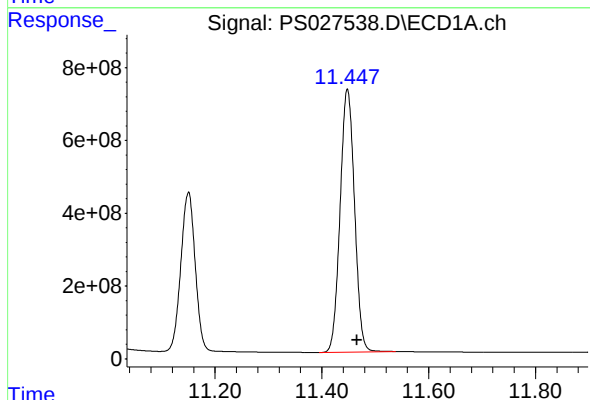
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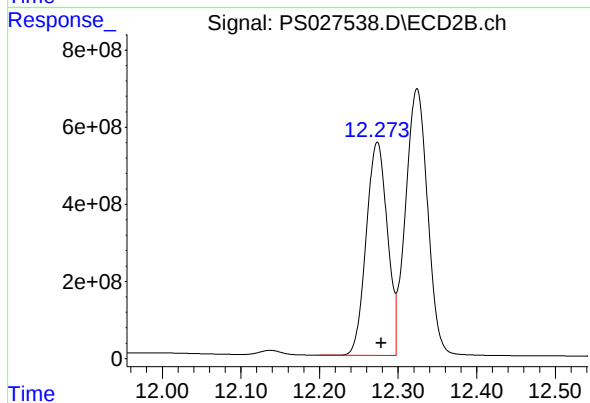
#15 Picloram

R.T.: 12.324 min  
Delta R.T.: -0.007 min  
Response: 13538022029  
Conc: 691.52 ng/ml



#16 DCPA

R.T.: 11.447 min  
Delta R.T.: -0.018 min  
Response: 13537397881  
Conc: 721.75 ng/ml m



#16 DCPA

R.T.: 12.274 min  
Delta R.T.: -0.005 min  
Response: 10348665979  
Conc: 702.84 ng/ml