

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS042022\  
 Data File : PS019095.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Apr 2022 19:47  
 Operator : AJ\MA  
 Sample : PB144252BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PB144252BS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 04/22/2022  
 Supervised By : mohammad ahmed 04/22/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 21 01:04:43 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS041822.M  
 Quant Title : 8080.M  
 QLast Update : Mon Apr 18 17:28:16 2022  
 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 x 0.5 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     | 7.218  | 6.798  | 2051.5E6  | 478.7E6  | 548.525 | 659.448    |
| Target Compounds            |              |        |        |           |          |         |            |
| 1) T                        | Dalapon      | 3.023  | 2.533  | 2036.3E6  | 559.2E6  | 453.690 | 602.271 #  |
| 2) T                        | 3,5-DICHL... | 6.429  | 5.973  | 2591.3E6  | 584.1E6  | 521.114 | 521.382m   |
| 3) T                        | 4-Nitroph... | 7.046  | 6.411  | 1080.1E6  | 201.9E6  | 824.741 | 507.948 #  |
| 5) T                        | DICAMBA      | 7.410  | 6.964  | 7106.1E6  | 1671.0E6 | 514.886 | 516.436    |
| 6) T                        | MCPD         | 7.580  | 7.062  | 673.1E6   | 137.2E6  | 61.786  | 53.360     |
| 7) T                        | MCPA         | 7.729  | 7.274  | 816.3E6   | 196.8E6  | 54.170  | 54.186     |
| 8) T                        | DICHLORPROP  | 8.104  | 7.586  | 2038.4E6  | 469.1E6  | 572.314 | 561.351    |
| 9) T                        | 2,4-D        | 8.331  | 7.877  | 2409.6E6  | 585.9E6  | 587.137 | 617.268    |
| 10) T                       | Pentachlo... | 8.642  | 8.306  | 27008.1E6 | 6232.8E6 | 585.712 | 576.607    |
| 11) T                       | 2,4,5-TP ... | 9.194  | 8.668  | 11242.7E6 | 2663.9E6 | 564.559 | 565.760    |
| 12) T                       | 2,4,5-T      | 9.483  | 9.049  | 10306.5E6 | 2497.5E6 | 518.665 | 578.329    |
| 13) T                       | 2,4-DB       | 10.032 | 9.560  | 1599.5E6  | 708.4E6  | 454.192 | 1277.903 # |
| 14) T                       | DINOSEB      | 11.192 | 9.880  | 7904.6E6  | 1843.5E6 | 516.620 | 549.844    |
| 15) T                       | Picloram     | 11.011 | 10.858 | 13169.5E6 | 3379.0E6 | 491.461 | 570.680    |
| 16) T                       | DCPA         | 11.460 | 10.810 | 10869.2E6 | 3245.6E6 | 473.695 | 567.048    |
| -----                       |              |        |        |           |          |         |            |

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

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Acq On : 20 Apr 2022 19:47  
Operator : AJ\MA  
Sample : PB144252BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

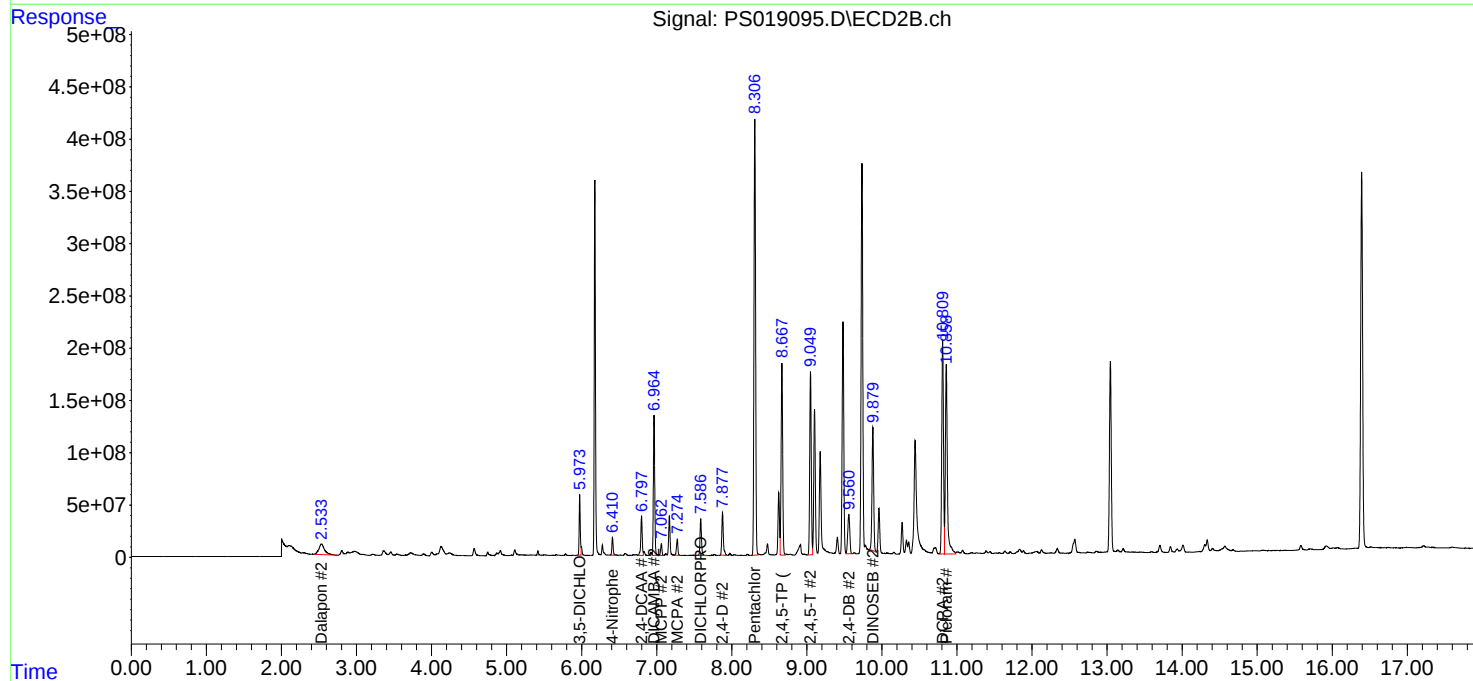
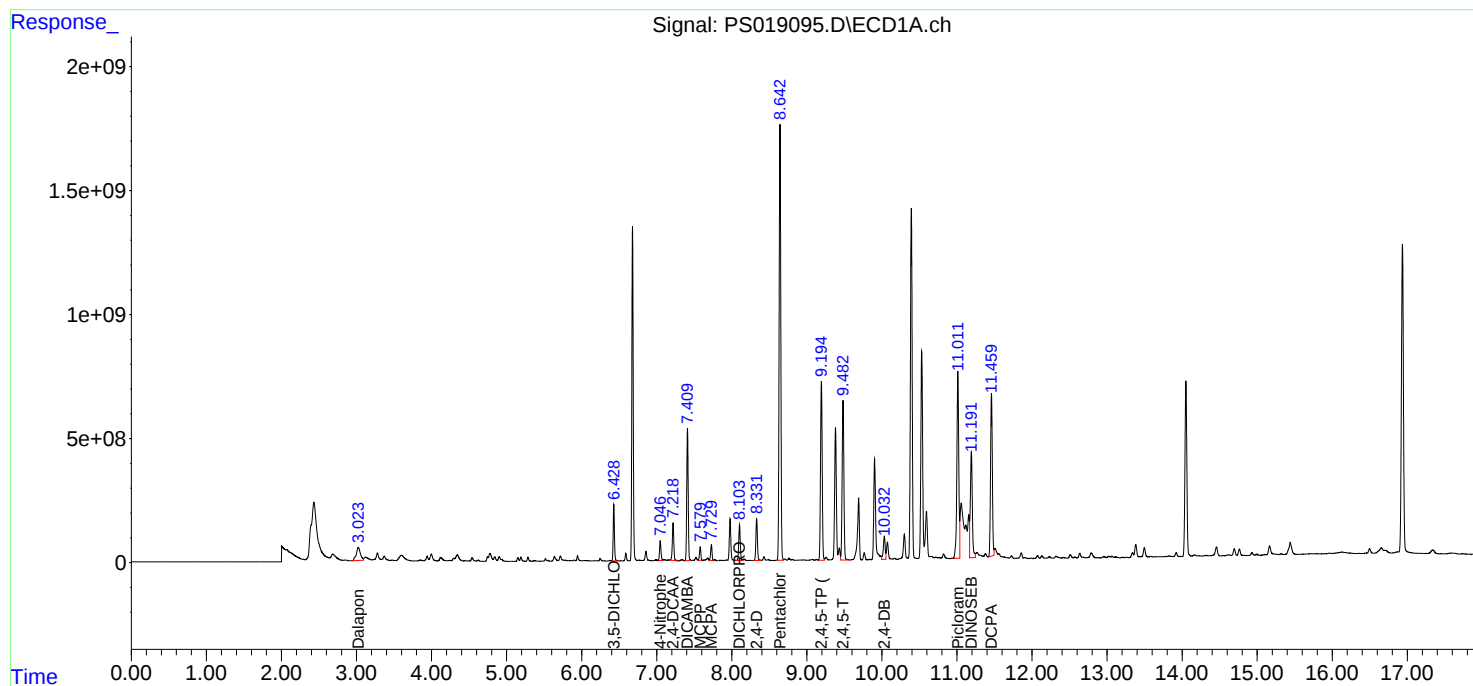
Instrument :  
ECD\_S  
ClientSampleId :  
PB144252BS

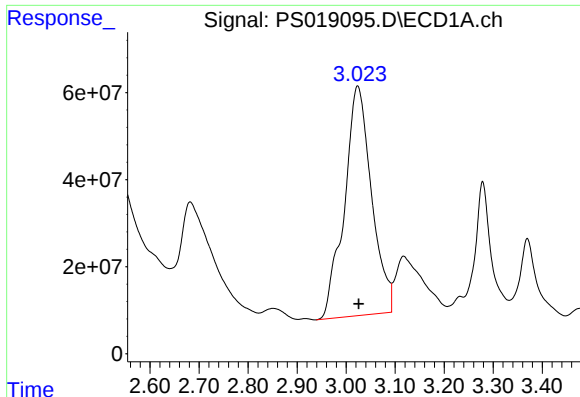
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 21 01:04:43 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS041822.M  
Quant Title : 8080.M  
QLast Update : Mon Apr 18 17:28:16 2022  
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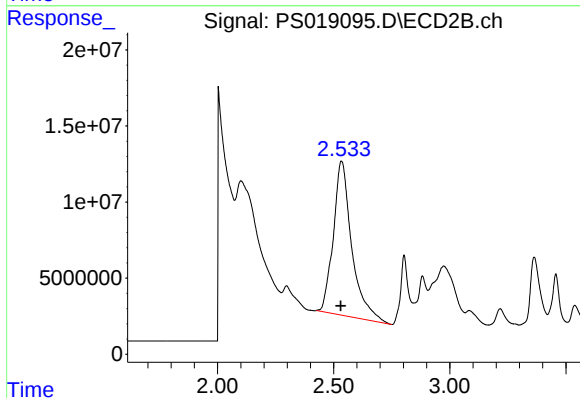
#1 Dalapon

R.T.: 3.023 min  
Delta R.T.: -0.003 min  
Response: 2036291574  
Conc: 453.69 ng/ml

Instrument :  
ECD\_S  
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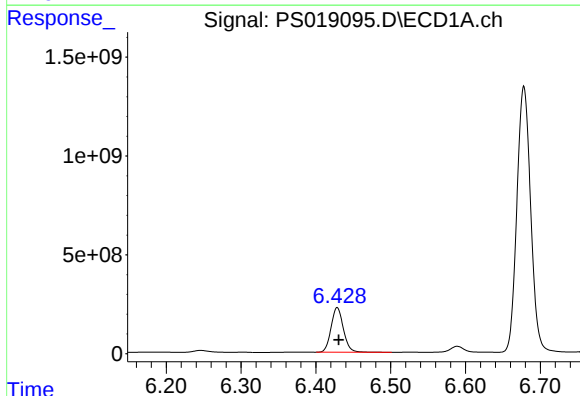
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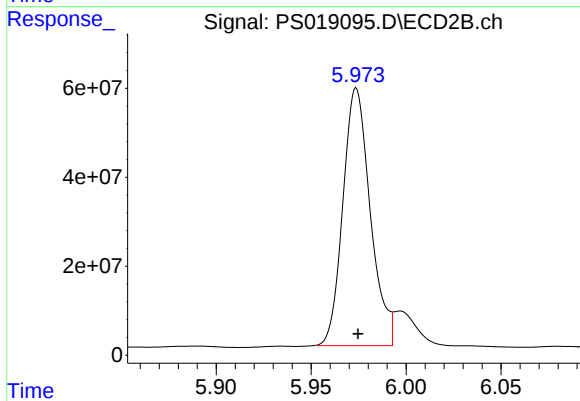
#1 Dalapon

R.T.: 2.533 min  
Delta R.T.: 0.002 min  
Response: 559190942  
Conc: 602.27 ng/ml



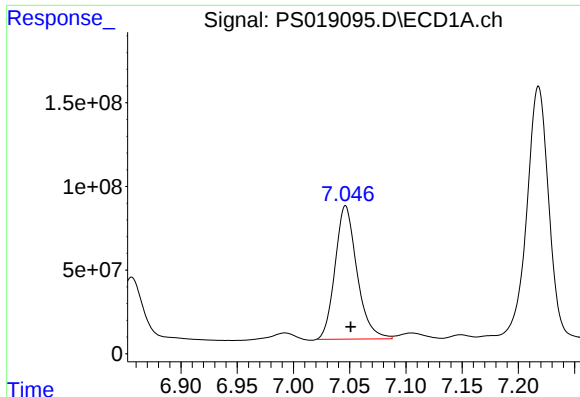
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.429 min  
Delta R.T.: -0.002 min  
Response: 2591280055  
Conc: 521.11 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.973 min  
Delta R.T.: -0.001 min  
Response: 584140398  
Conc: 521.38 ng/ml m



#3 4-Nitrophenol

R.T.: 7.046 min  
Delta R.T.: -0.005 min  
Response: 1080095912  
Conc: 824.74 ng/ml

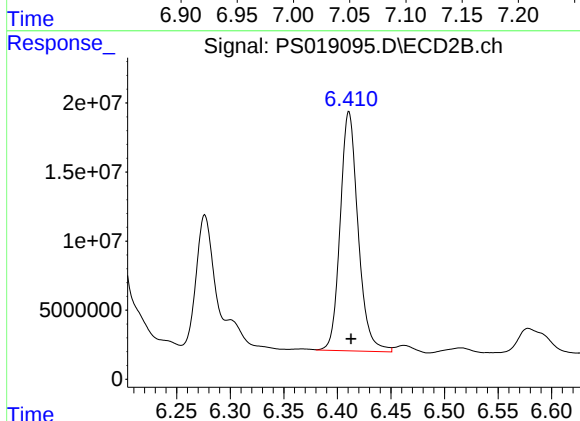
Instrument :

ECD\_S

ClientSampleId :  
PB144252BS

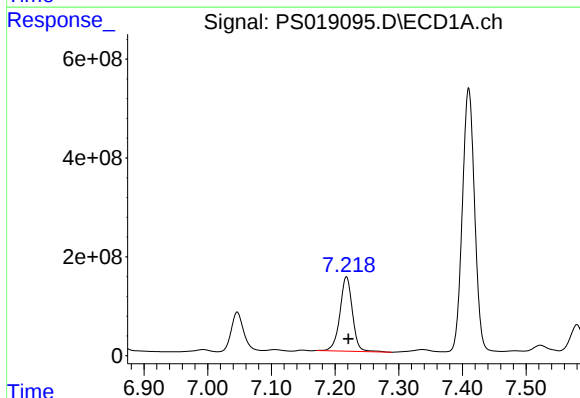
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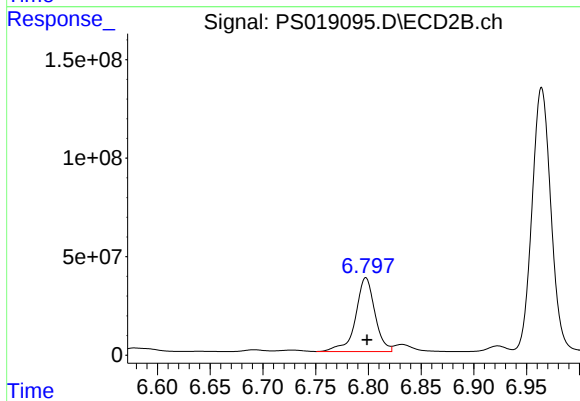
#3 4-Nitrophenol

R.T.: 6.411 min  
Delta R.T.: -0.002 min  
Response: 201895895  
Conc: 507.95 ng/ml



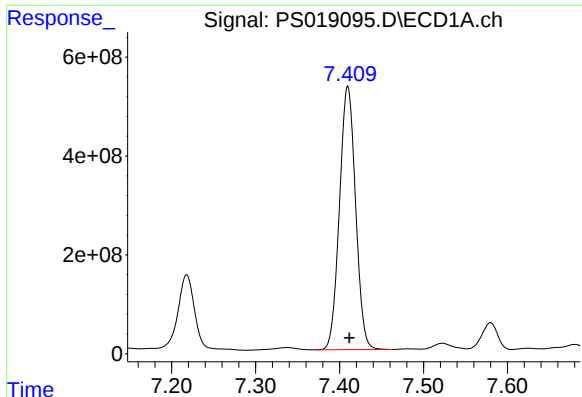
#4 2,4-DCAA

R.T.: 7.218 min  
Delta R.T.: -0.003 min  
Response: 2051512744  
Conc: 548.53 ng/ml



#4 2,4-DCAA

R.T.: 6.798 min  
Delta R.T.: -0.001 min  
Response: 478678436  
Conc: 659.45 ng/ml



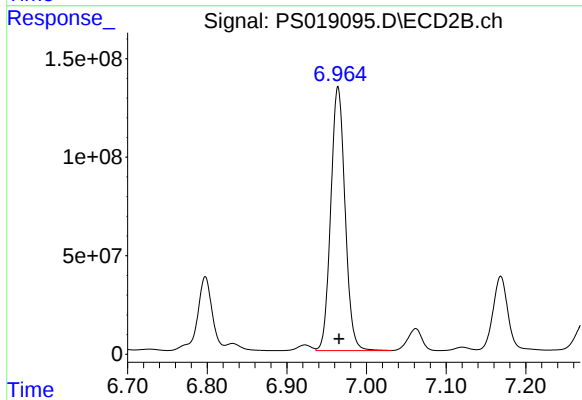
#5 DICAMBA

R.T.: 7.410 min  
Delta R.T.: -0.002 min  
Response: 7106053901  
Conc: 514.89 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB144252BS

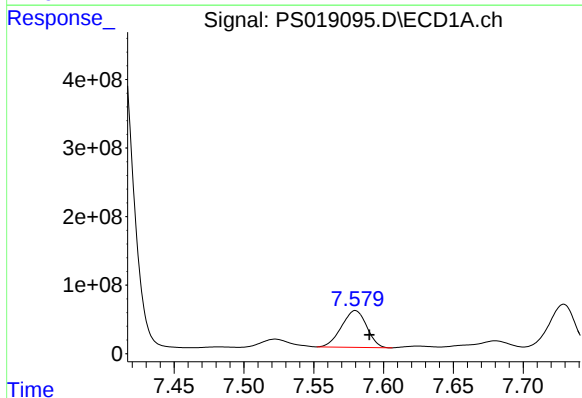
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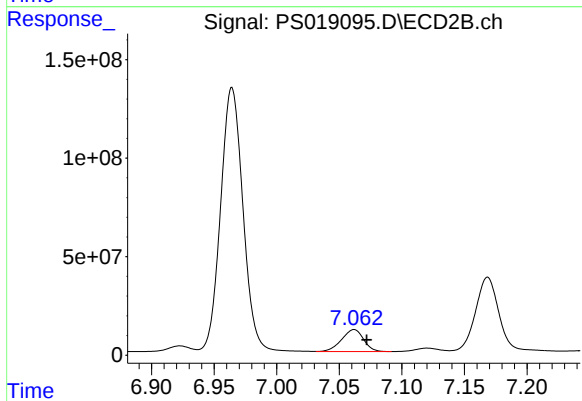
#5 DICAMBA

R.T.: 6.964 min  
Delta R.T.: -0.001 min  
Response: 1670955934  
Conc: 516.44 ng/ml



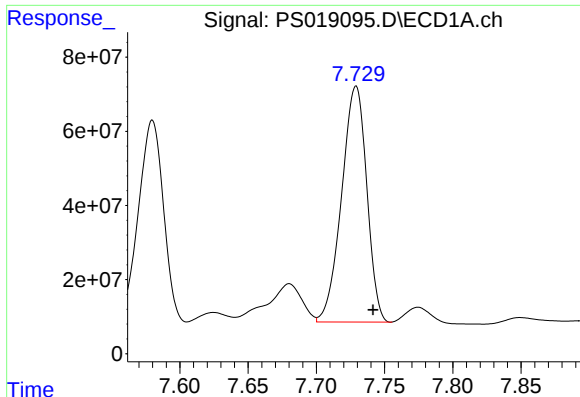
#6 MCP

R.T.: 7.580 min  
Delta R.T.: -0.010 min  
Response: 673139657  
Conc: 61.79 ug/ml



#6 MCP

R.T.: 7.062 min  
Delta R.T.: -0.010 min  
Response: 137183425  
Conc: 53.36 ug/ml



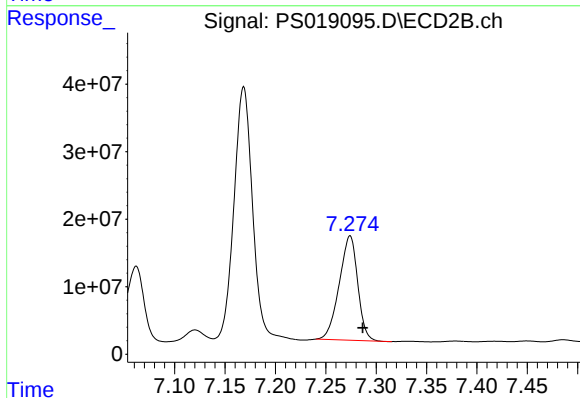
#7 MCPA

R.T.: 7.729 min  
Delta R.T.: -0.013 min  
Response: 816331036  
Conc: 54.17 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB144252BS

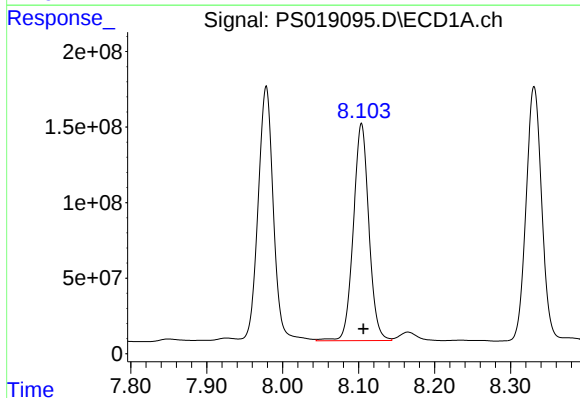
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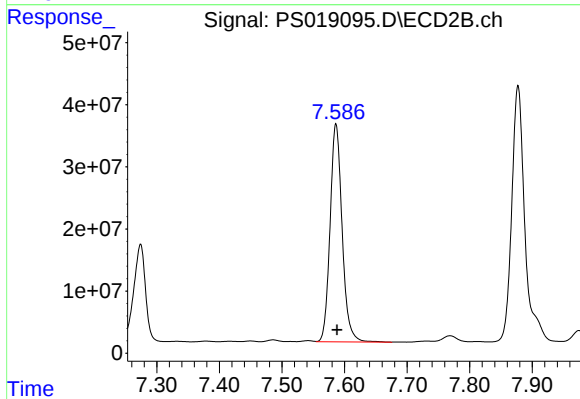
#7 MCPA

R.T.: 7.274 min  
Delta R.T.: -0.013 min  
Response: 196763104  
Conc: 54.19 ug/ml



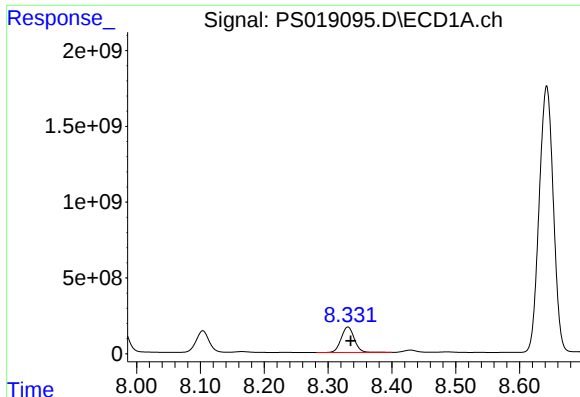
#8 DICHLORPROP

R.T.: 8.104 min  
Delta R.T.: -0.003 min  
Response: 2038449780  
Conc: 572.31 ng/ml



#8 DICHLORPROP

R.T.: 7.586 min  
Delta R.T.: -0.002 min  
Response: 469086813  
Conc: 561.35 ng/ml



#9 2,4-D

R.T.: 8.331 min  
Delta R.T.: -0.005 min  
Response: 2409575558  
Conc: 587.14 ng/ml

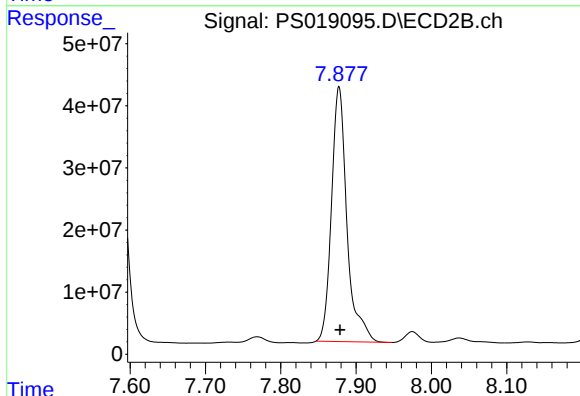
Instrument :

ECD\_S

ClientSampleId :  
PB144252BS

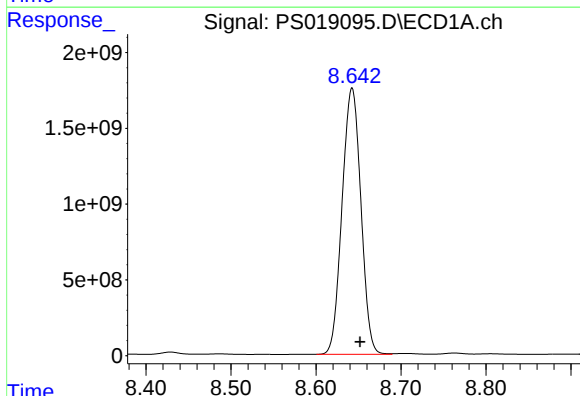
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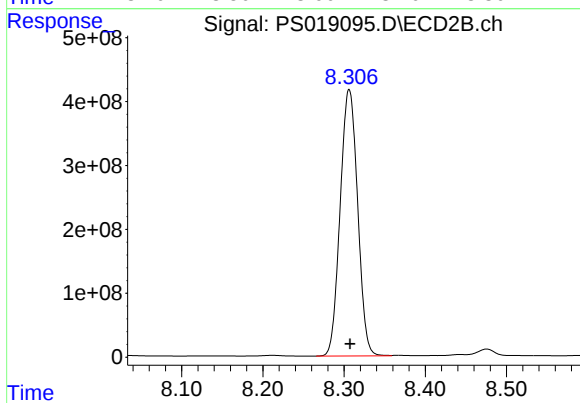
#9 2,4-D

R.T.: 7.877 min  
Delta R.T.: -0.001 min  
Response: 585851536  
Conc: 617.27 ng/ml



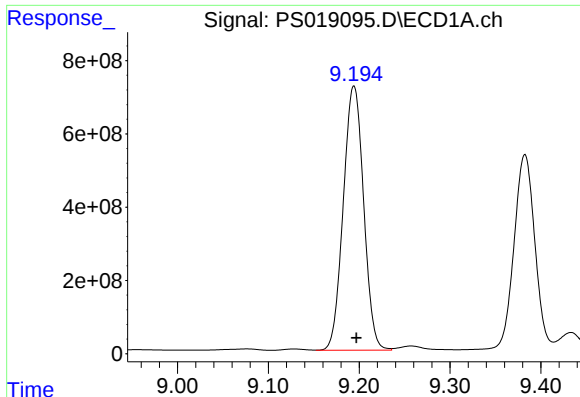
#10 Pentachlorophenol

R.T.: 8.642 min  
Delta R.T.: -0.010 min  
Response: 27008069689  
Conc: 585.71 ng/ml



#10 Pentachlorophenol

R.T.: 8.306 min  
Delta R.T.: -0.001 min  
Response: 6232847656  
Conc: 576.61 ng/ml



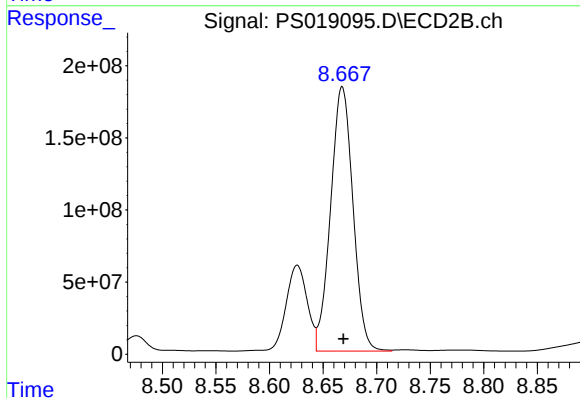
#11 2,4,5-TP (SILVEX)

R.T.: 9.194 min  
Delta R.T.: -0.003 min  
Response: 11242662618  
Conc: 564.56 ng/ml

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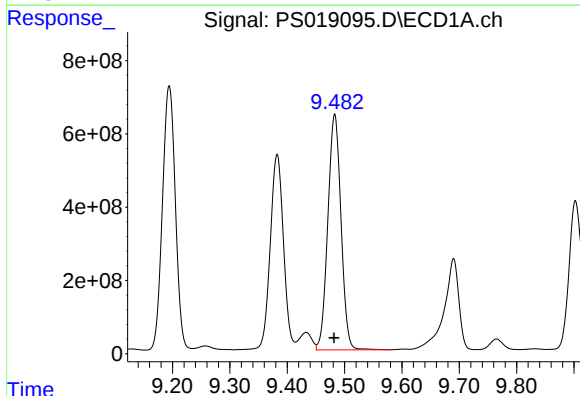
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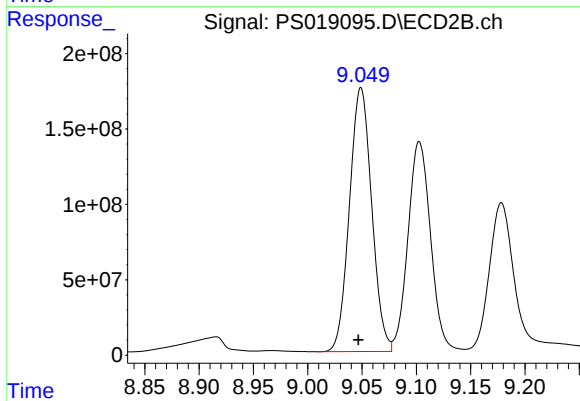
#11 2,4,5-TP (SILVEX)

R.T.: 8.668 min  
Delta R.T.: -0.001 min  
Response: 2663898111  
Conc: 565.76 ng/ml



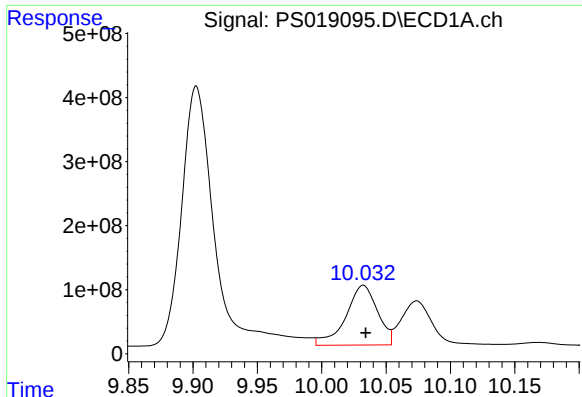
#12 2,4,5-T

R.T.: 9.483 min  
Delta R.T.: 0.001 min  
Response: 10306509507  
Conc: 518.67 ng/ml



#12 2,4,5-T

R.T.: 9.049 min  
Delta R.T.: 0.002 min  
Response: 2497458777  
Conc: 578.33 ng/ml



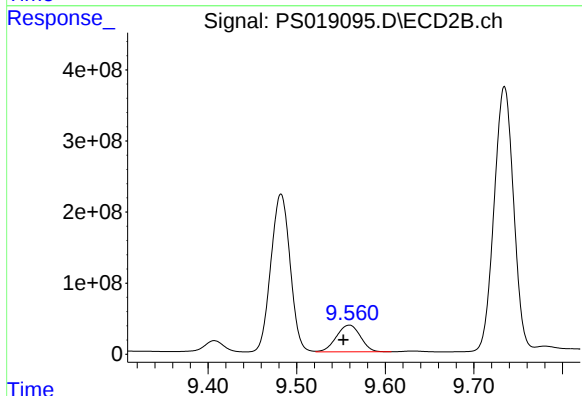
#13 2,4-DB

R.T.: 10.032 min  
Delta R.T.: -0.002 min  
Response: 1599533124  
Conc: 454.19 ng/ml

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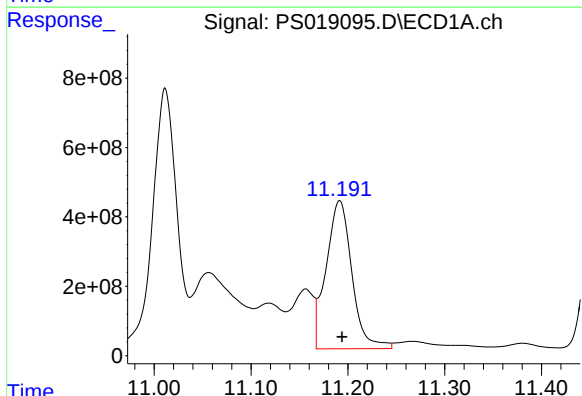
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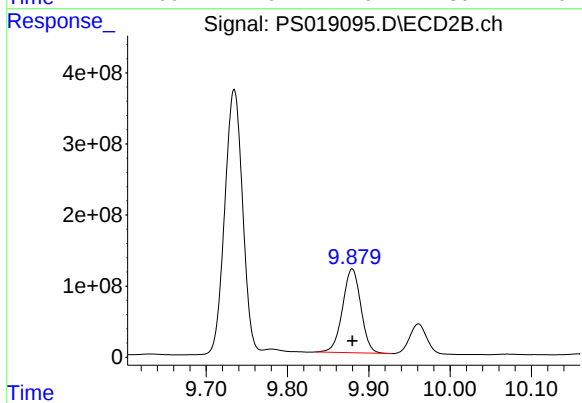
#13 2,4-DB

R.T.: 9.560 min  
Delta R.T.: 0.007 min  
Response: 708361201  
Conc: 1277.90 ng/ml



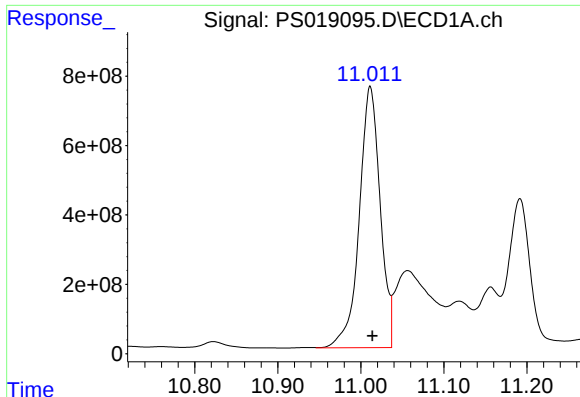
#14 DINOSEB

R.T.: 11.192 min  
Delta R.T.: -0.003 min  
Response: 7904636347  
Conc: 516.62 ng/ml



#14 DINOSEB

R.T.: 9.880 min  
Delta R.T.: 0.000 min  
Response: 1843548450  
Conc: 549.84 ng/ml



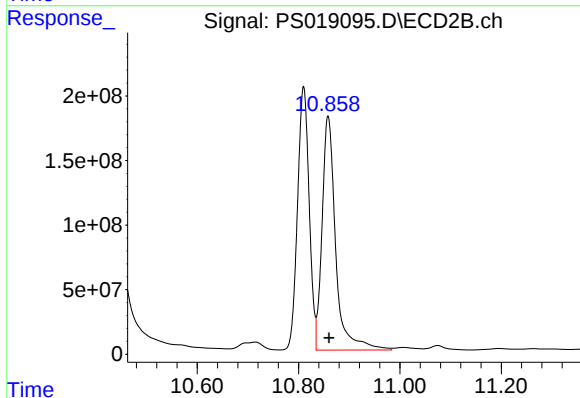
#15 Picloram

R.T.: 11.011 min  
Delta R.T.: -0.003 min  
Response: 13169486679  
Conc: 491.46 ng/ml

Instrument :  
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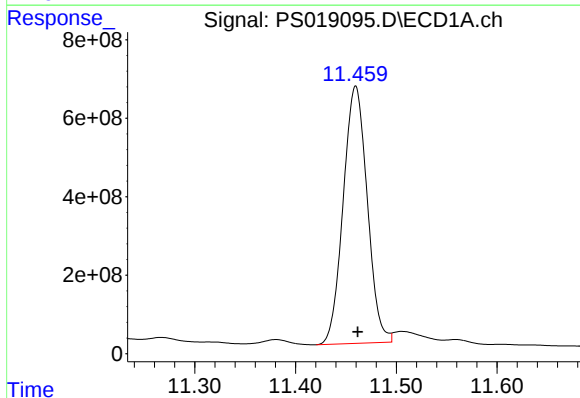
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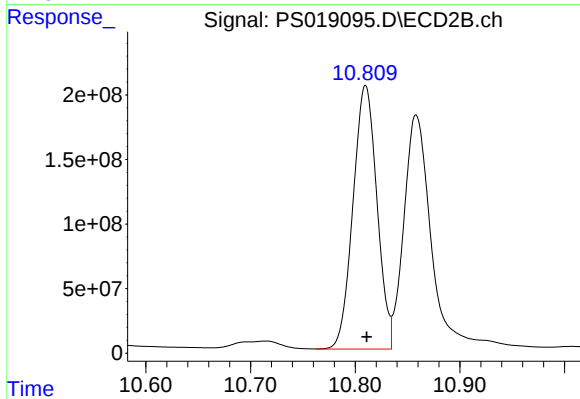
#15 Picloram

R.T.: 10.858 min  
Delta R.T.: -0.002 min  
Response: 3378997302  
Conc: 570.68 ng/ml



#16 DCPA

R.T.: 11.460 min  
Delta R.T.: -0.002 min  
Response: 10869200106  
Conc: 473.70 ng/ml



#16 DCPA

R.T.: 10.810 min  
Delta R.T.: -0.001 min  
Response: 3245602983  
Conc: 567.05 ng/ml