

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS073125\  
 Data File : PS031336.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Jul 2025 12:00  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/01/2025  
 Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 31 14:33:53 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS072925.M  
 Quant Title : 8080.M  
 QLast Update : Tue Jul 29 18:38:25 2025  
 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     | 7.306  | 7.760  | 2232.1E6  | 591.9E6   | 766.155  | 708.744  |
| Target Compounds            |              |        |        |           |           |          |          |
| 1) T                        | Dalapon      | 2.685  | 2.702  | 3226.6E6  | 1564.0E6  | 668.788  | 636.763  |
| 2) T                        | 3,5-DICHL... | 6.470  | 6.708  | 3109.1E6  | 872.6E6   | 729.339m | 675.244  |
| 3) T                        | 4-Nitroph... | 7.108  | 7.300  | 723.5E6   | 785.9E6   | 710.559  | 608.793  |
| 5) T                        | DICAMBA      | 7.494  | 7.958  | 8980.6E6  | 3706.9E6  | 695.060  | 683.818m |
| 6) T                        | MCPD         | 7.673  | 8.056  | 593.1E6   | 124.9E6   | 73.742m  | 73.085m  |
| 7) T                        | MCPA         | 7.823  | 8.305  | 718.3E6   | 186.0E6   | 73.481   | 71.707   |
| 8) T                        | DICHLORPROP  | 8.203  | 8.679  | 2111.0E6  | 863.5E6   | 694.405  | 664.181  |
| 9) T                        | 2,4-D        | 8.436  | 9.018  | 1915.1E6  | 935.9E6   | 738.482  | 670.624  |
| 10) T                       | Pentachlo... | 8.735  | 9.531  | 34802.0E6 | 24018.6E6 | 765.237  | 717.050  |
| 11) T                       | 2,4,5-TP ... | 9.315  | 9.916  | 12420.0E6 | 8791.1E6  | 745.441  | 692.061  |
| 12) T                       | 2,4,5-T      | 9.611  | 10.344 | 10373.7E6 | 8084.8E6  | 779.931  | 693.099  |
| 13) T                       | 2,4-DB       | 10.186 | 10.913 | 1382.2E6  | 648.4E6   | 791.098  | 671.313  |
| 14) T                       | DINOSEB      | 11.393 | 11.293 | 7844.0E6  | 5727.1E6  | 684.254  | 613.188  |
| 15) T                       | Picloram     | 11.212 | 12.411 | 9020.3E6  | 11757.3E6 | 770.328m | 687.763  |
| 16) T                       | DCPA         | 11.691 | 12.335 | 16385.5E6 | 13474.7E6 | 790.192m | 722.437m |
| -----                       |              |        |        |           |           |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS073125\  
Data File : PS031336.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Jul 2025 12:00  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

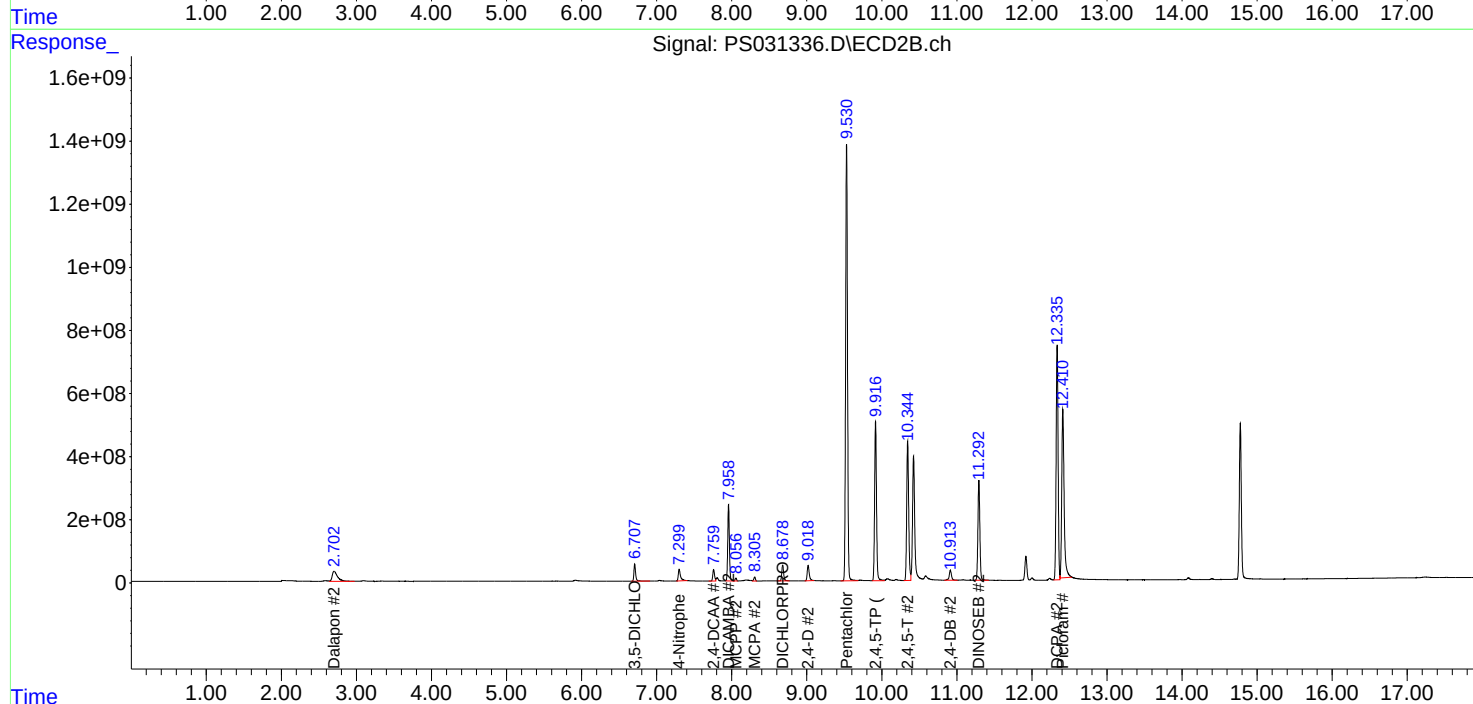
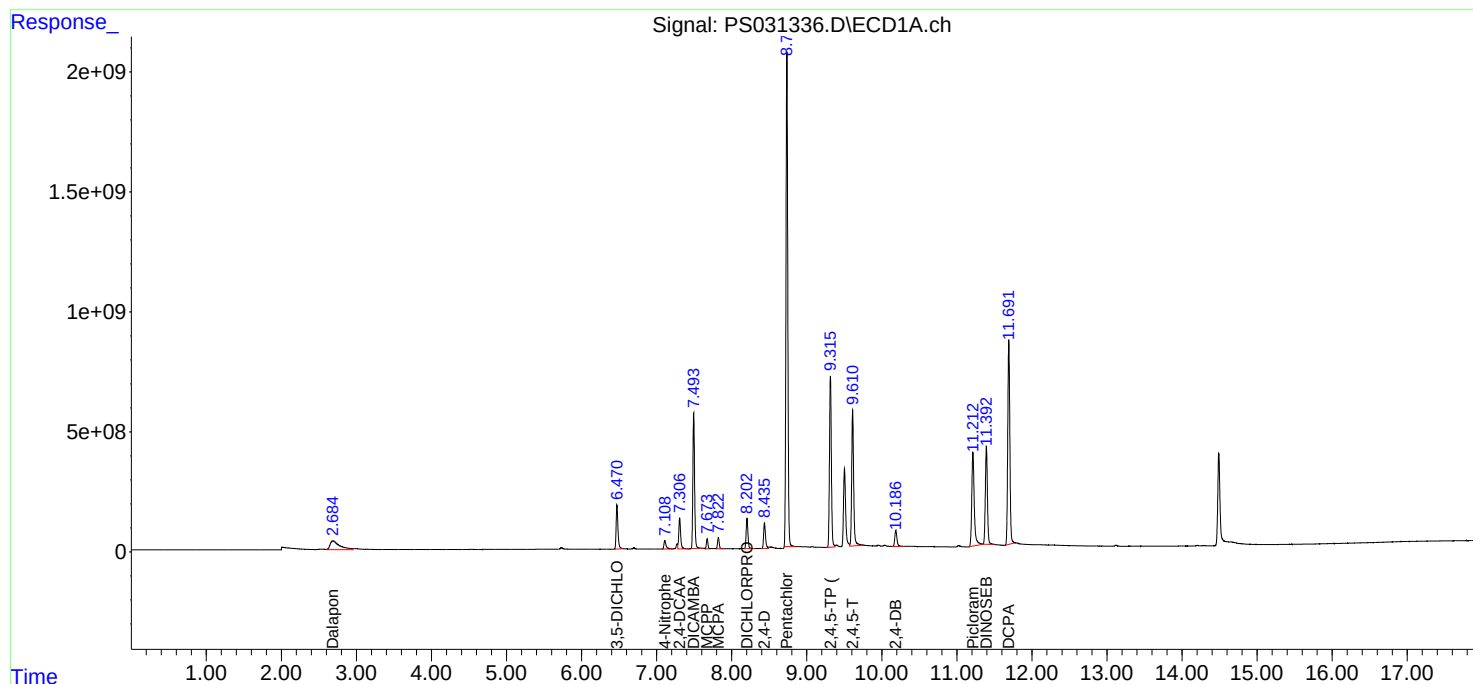
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

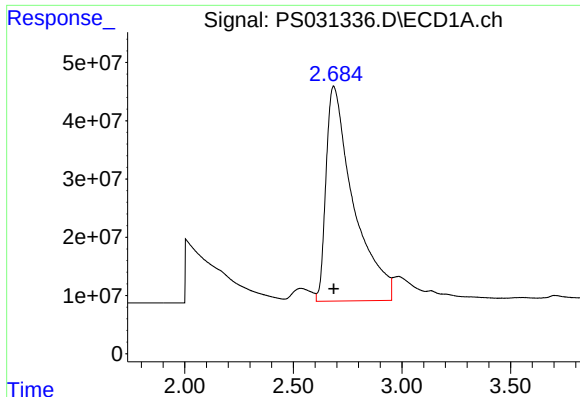
Manual Integrations  
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Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 31 14:33:53 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS072925.M  
Quant Title : 8080.M  
QLast Update : Tue Jul 29 18:38:25 2025  
Response via : Initial Calibration  
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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





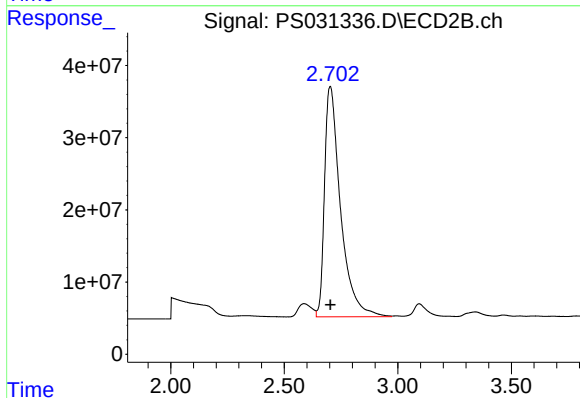
#1 Dalapon

R.T.: 2.685 min  
Delta R.T.: -0.002 min  
Response: 3226607247  
Conc: 668.79 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

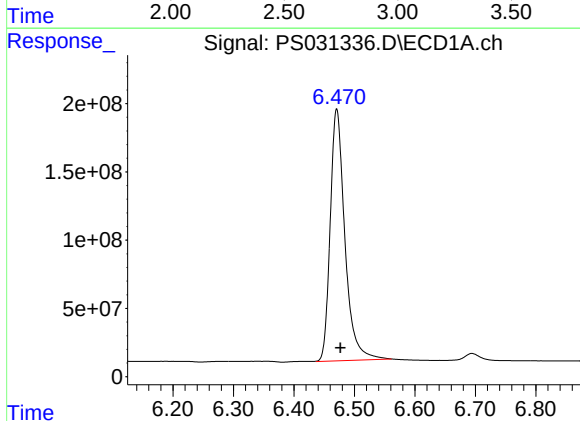
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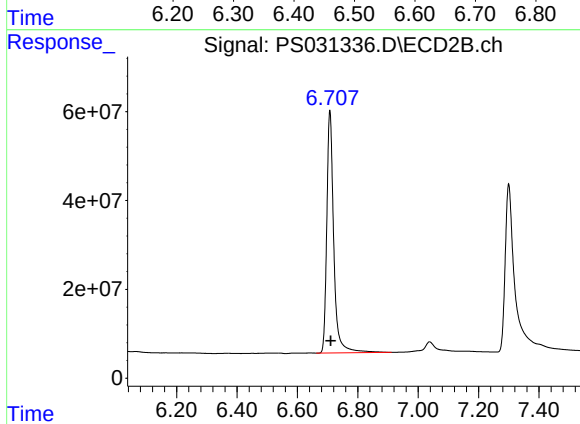
#1 Dalapon

R.T.: 2.702 min  
Delta R.T.: 0.000 min  
Response: 1564007004  
Conc: 636.76 ng/ml



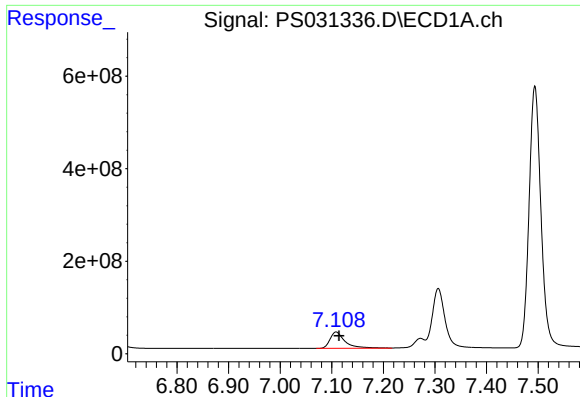
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.470 min  
Delta R.T.: -0.007 min  
Response: 3109122915  
Conc: 729.34 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.708 min  
Delta R.T.: -0.003 min  
Response: 872597798  
Conc: 675.24 ng/ml



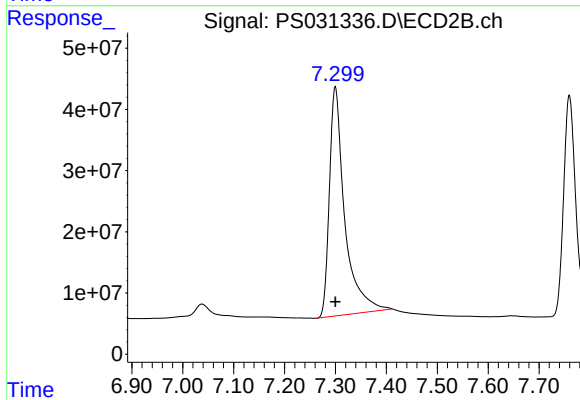
#3 4-Nitrophenol

R.T.: 7.108 min  
Delta R.T.: -0.006 min  
Response: 723491470  
Conc: 710.56 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

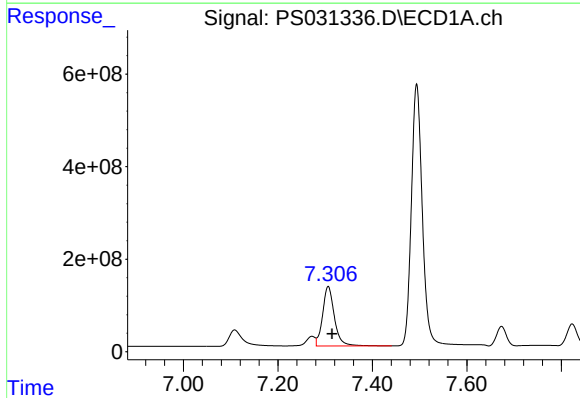
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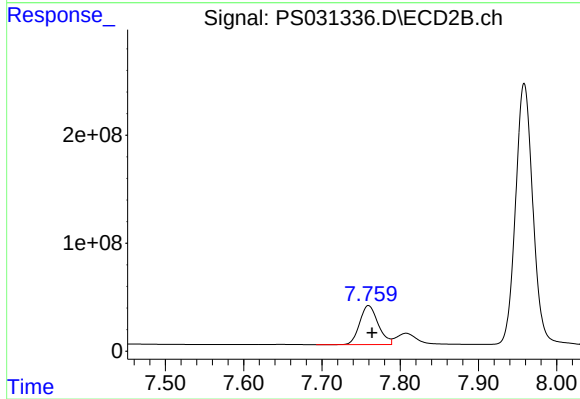
#3 4-Nitrophenol

R.T.: 7.300 min  
Delta R.T.: 0.000 min  
Response: 785897842  
Conc: 608.79 ng/ml



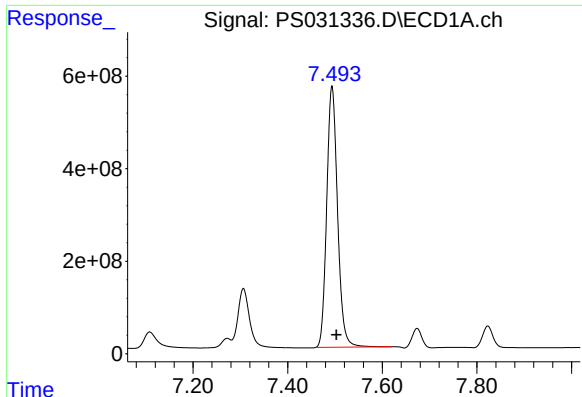
#4 2,4-DCAA

R.T.: 7.306 min  
Delta R.T.: -0.008 min  
Response: 2232118378  
Conc: 766.15 ng/ml



#4 2,4-DCAA

R.T.: 7.760 min  
Delta R.T.: -0.005 min  
Response: 591858447  
Conc: 708.74 ng/ml



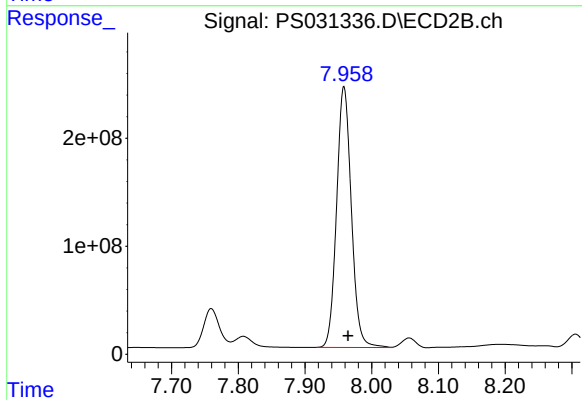
#5 DICAMBA

R.T.: 7.494 min  
Delta R.T.: -0.009 min  
Response: 8980592694  
Conc: 695.06 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

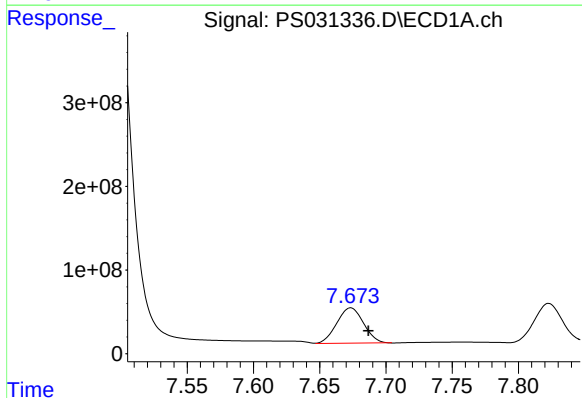
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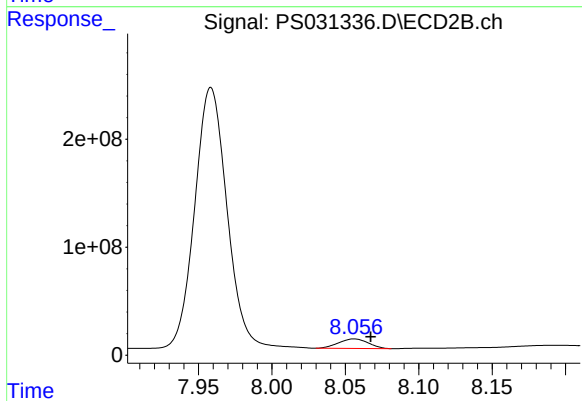
#5 DICAMBA

R.T.: 7.958 min  
Delta R.T.: -0.007 min  
Response: 3706873154  
Conc: 683.82 ng/ml m



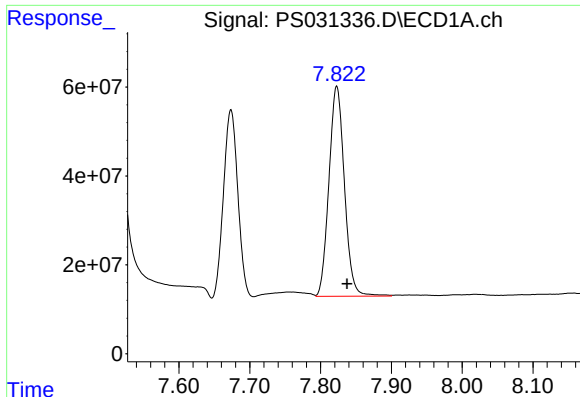
#6 MCP

R.T.: 7.673 min  
Delta R.T.: -0.014 min  
Response: 593085804  
Conc: 73.74 ug/ml m



#6 MCP

R.T.: 8.056 min  
Delta R.T.: -0.012 min  
Response: 124930392  
Conc: 73.09 ug/ml m



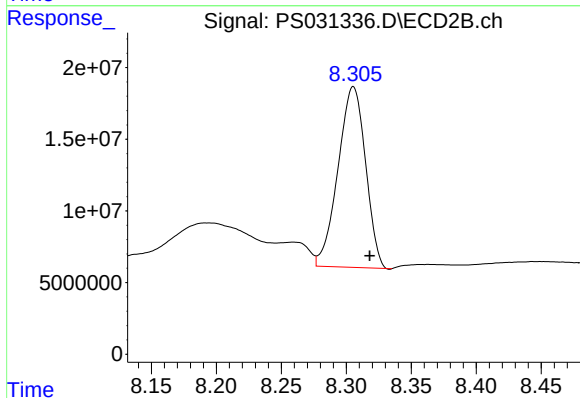
#7 MCPA

R.T.: 7.823 min  
Delta R.T.: -0.015 min  
Response: 718345293  
Conc: 73.48 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

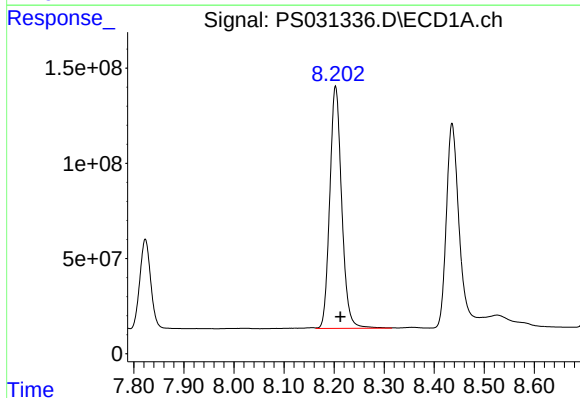
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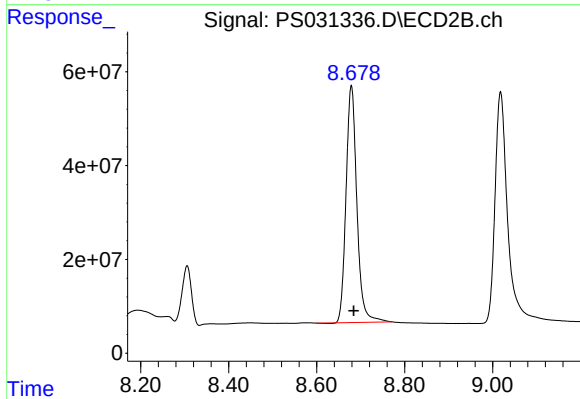
#7 MCPA

R.T.: 8.305 min  
Delta R.T.: -0.013 min  
Response: 186005819  
Conc: 71.71 ug/ml



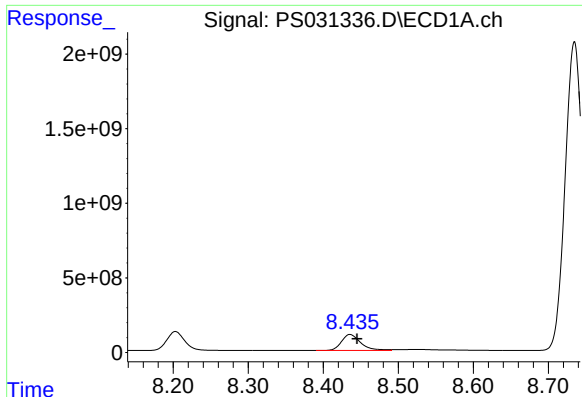
#8 DICHLORPROP

R.T.: 8.203 min  
Delta R.T.: -0.010 min  
Response: 2110999689  
Conc: 694.41 ng/ml



#8 DICHLORPROP

R.T.: 8.679 min  
Delta R.T.: -0.006 min  
Response: 863473357  
Conc: 664.18 ng/ml



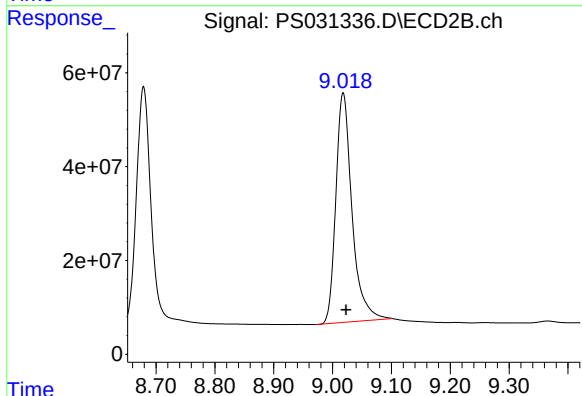
#9 2,4-D

R.T.: 8.436 min  
Delta R.T.: -0.009 min  
Response: 1915135362  
Conc: 738.48 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

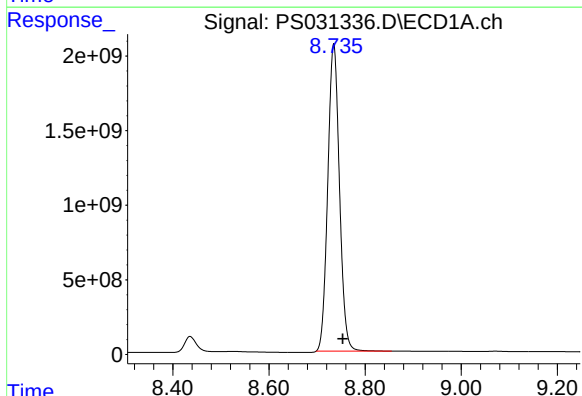
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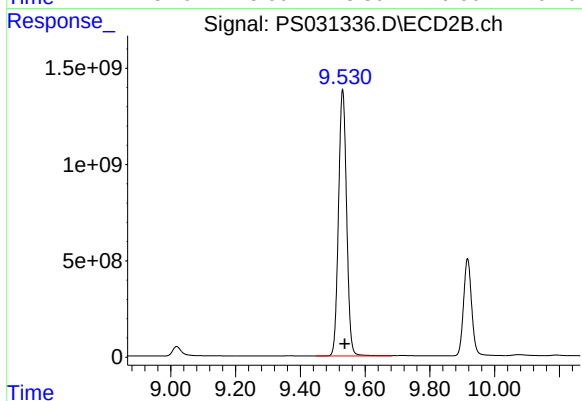
#9 2,4-D

R.T.: 9.018 min  
Delta R.T.: -0.005 min  
Response: 935876548  
Conc: 670.62 ng/ml



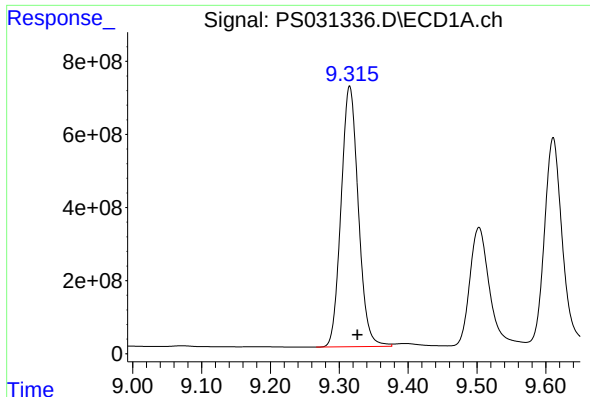
#10 Pentachlorophenol

R.T.: 8.735 min  
Delta R.T.: -0.019 min  
Response: 34802018500  
Conc: 765.24 ng/ml



#10 Pentachlorophenol

R.T.: 9.531 min  
Delta R.T.: -0.006 min  
Response: 24018590559  
Conc: 717.05 ng/ml



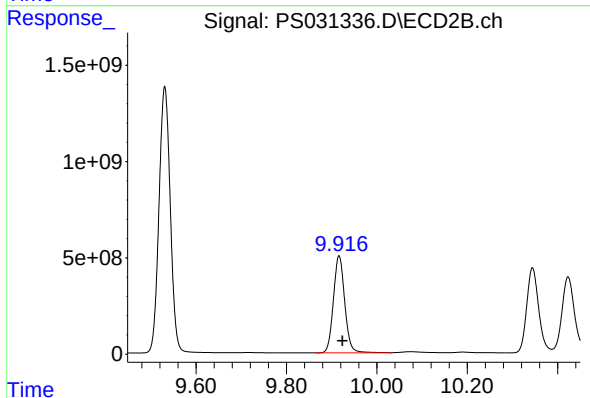
#11 2,4,5-TP (SILVEX)

R.T.: 9.315 min  
Delta R.T.: -0.011 min  
Response: 12419977099  
Conc: 745.44 ng/ml

Instrument :  
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ClientSampleId :  
HSTDCCC750

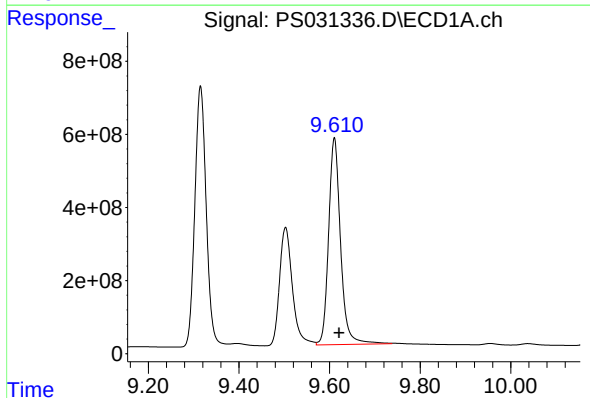
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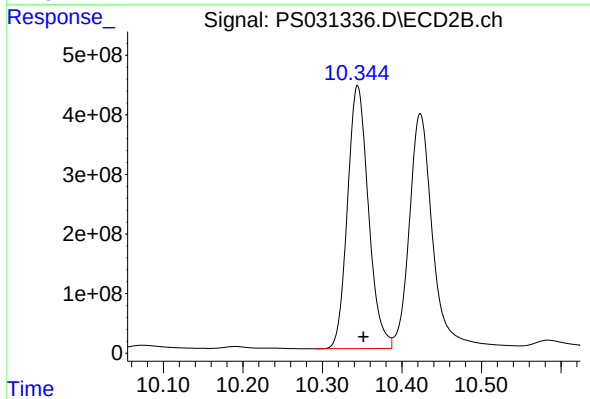
#11 2,4,5-TP (SILVEX)

R.T.: 9.916 min  
Delta R.T.: -0.007 min  
Response: 8791112899  
Conc: 692.06 ng/ml



#12 2,4,5-T

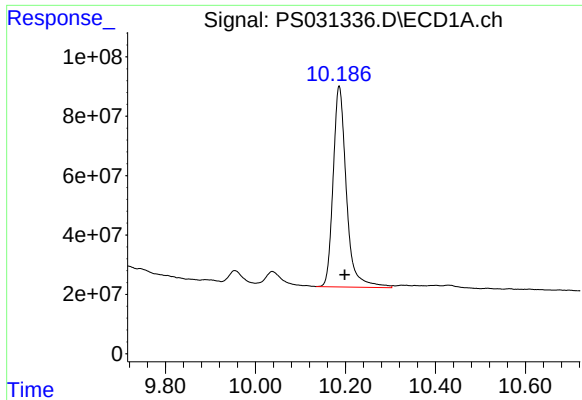
R.T.: 9.611 min  
Delta R.T.: -0.010 min  
Response: 10373653412  
Conc: 779.93 ng/ml



#12 2,4,5-T

R.T.: 10.344 min  
Delta R.T.: -0.007 min  
Response: 8084774139  
Conc: 693.10 ng/ml





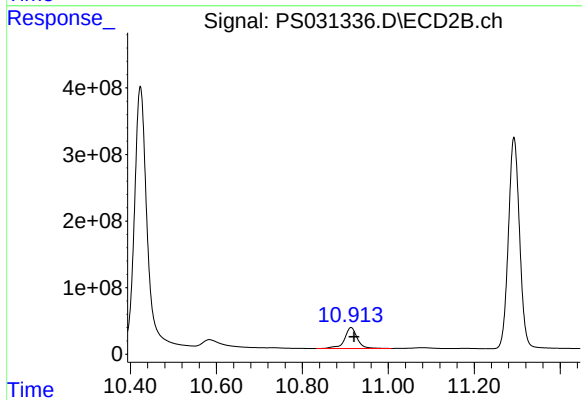
#13 2,4-DB

R.T.: 10.186 min  
Delta R.T.: -0.012 min  
Response: 1382249731  
Conc: 791.10 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

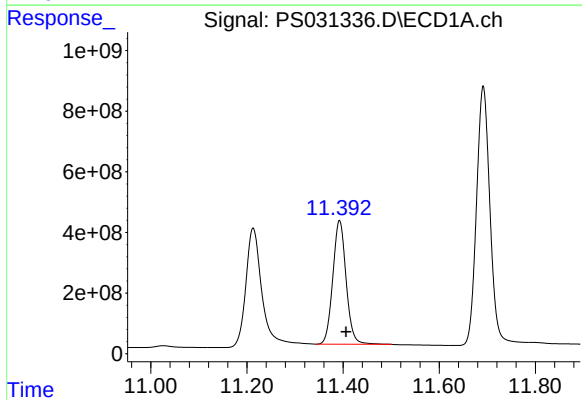
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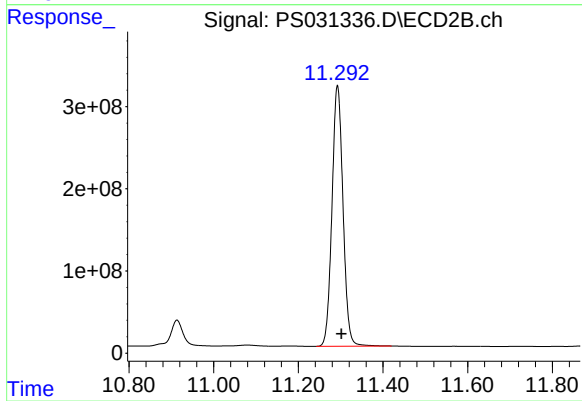
#13 2,4-DB

R.T.: 10.913 min  
Delta R.T.: -0.007 min  
Response: 648391087  
Conc: 671.31 ng/ml



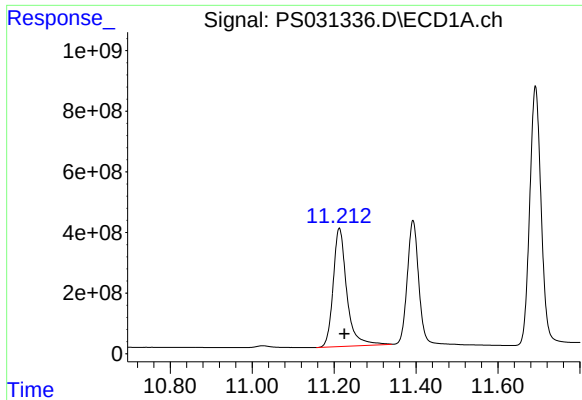
#14 DINOSEB

R.T.: 11.393 min  
Delta R.T.: -0.014 min  
Response: 7843978693  
Conc: 684.25 ng/ml



#14 DINOSEB

R.T.: 11.293 min  
Delta R.T.: -0.010 min  
Response: 5727136841  
Conc: 613.19 ng/ml



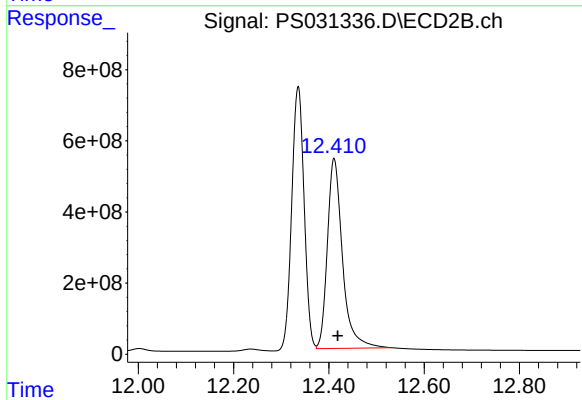
#15 Picloram

R.T.: 11.212 min  
Delta R.T.: -0.013 min  
Response: 9020259916  
Conc: 770.33 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

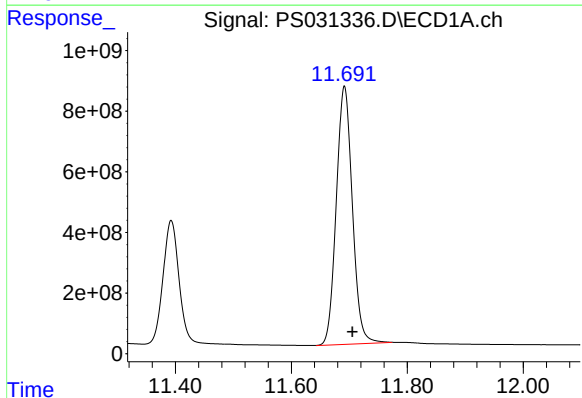
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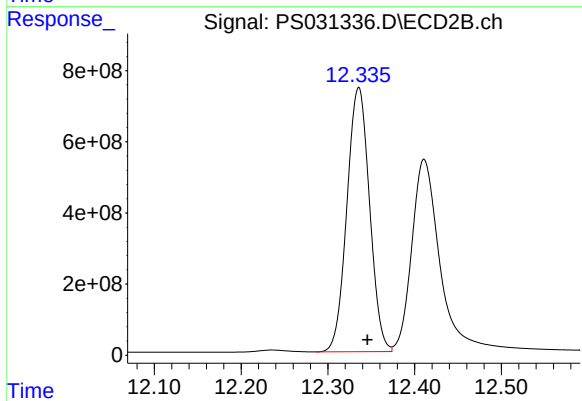
#15 Picloram

R.T.: 12.411 min  
Delta R.T.: -0.008 min  
Response: 11757252512  
Conc: 687.76 ng/ml



#16 DCPA

R.T.: 11.691 min  
Delta R.T.: -0.015 min  
Response: 16385521460  
Conc: 790.19 ng/ml m



#16 DCPA

R.T.: 12.335 min  
Delta R.T.: -0.010 min  
Response: 13474723250  
Conc: 722.44 ng/ml m