

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS111124\  
 Data File : PS028408.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Nov 2024 17:21  
 Operator : AR\AJ  
 Sample : P4602-44MS  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

**Instrument :**

ECD\_S

**ClientSampleId :**

CC0R8MS

**Manual Integrations****APPROVED**

Reviewed By :Abdul Mirza 11/12/2024

Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 11 23:21:44 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS110924.M  
 Quant Title : 8080.M  
 QLast Update : Fri Nov 08 17:46:43 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     | 7.245  | 7.752  | 1036.4E6 | 403.2E6  | 375.420 | 253.022 # |
| Target Compounds            |              |        |        |          |          |         |           |
| 1) T                        | Dalapon      | 2.640  | 2.706  | 452.7E6  | 595.8E6  | 126.860 | 210.121m# |
| 2) T                        | 3,5-DICHL... | 6.416  | 6.704  | 630.1E6  | 337.2E6  | 157.464 | 142.337   |
| 3) T                        | 4-Nitroph... | 7.046  | 7.278  | 201.8E6  | 118.4E6  | 108.807 | 111.763m  |
| 5) T                        | DICAMBA      | 7.434  | 7.953  | 2582.7E6 | 1418.3E6 | 214.496 | 197.822   |
| 6) T                        | MCPD         | 7.613  | 8.047  | 63463933 | 136.0E6  | 7.760   | 23.156 #  |
| 7) T                        | MCPA         | 7.765  | 8.295  | 243.3E6  | 165.7E6  | 21.703  | 20.687    |
| 8) T                        | DICHLORPROP  | 8.143  | 8.670  | 400.9E6  | 213.4E6  | 129.339 | 119.782   |
| 9) T                        | 2,4-D        | 8.375  | 9.000  | 873.8E6  | 398.0E6  | 248.649 | 205.836   |
| 10) T                       | Pentachlo... | 8.674  | 9.530  | 2483.5E6 | 1186.9E6 | 55.137  | 47.633    |
| 11) T                       | 2,4,5-TP ... | 9.255  | 9.907  | 1459.5E6 | 865.2E6  | 77.106  | 81.685    |
| 12) T                       | 2,4,5-T      | 9.547  | 10.328 | 2505.7E6 | 1410.5E6 | 129.287 | 135.939   |
| 13) T                       | 2,4-DB       | 10.124 | 10.894 | 301.7E6  | 191.3E6  | 97.613  | 144.351m# |
| 14) T                       | DINOSEB      | 11.352 | 11.278 | 281.8E6  | 220.5E6  | 17.384m | 30.728 #  |
| 15) T                       | Picloram     | 11.144 | 12.373 | 8537.3E6 | 3368.7E6 | 271.836 | 234.061   |
| 16) T                       | DCPA         | 11.630 | 12.321 | 9075.4E6 | 3896.0E6 | 339.568 | 347.545   |
| -----                       |              |        |        |          |          |         |           |

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

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Operator : AR\AJ  
Sample : P4602-44MS  
Misc :  
ALS Vial : 44 Sample Multiplier: 1

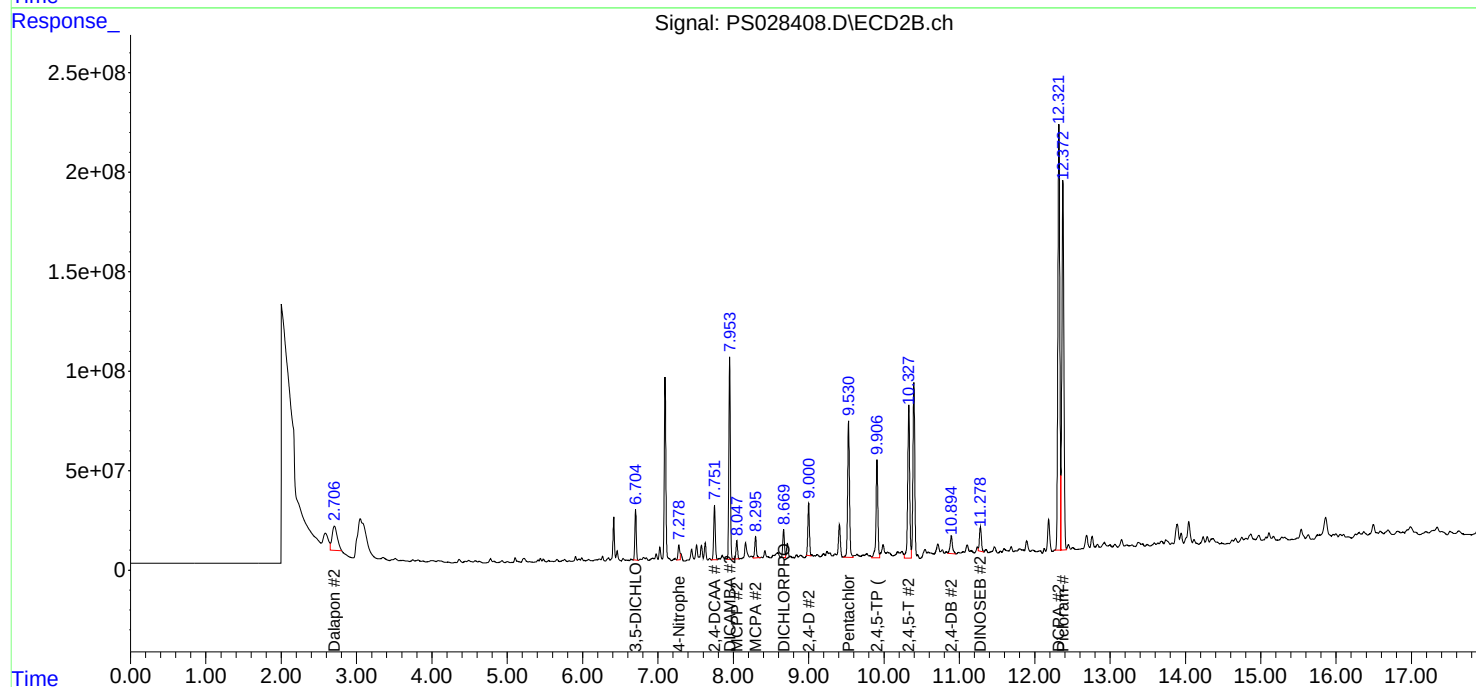
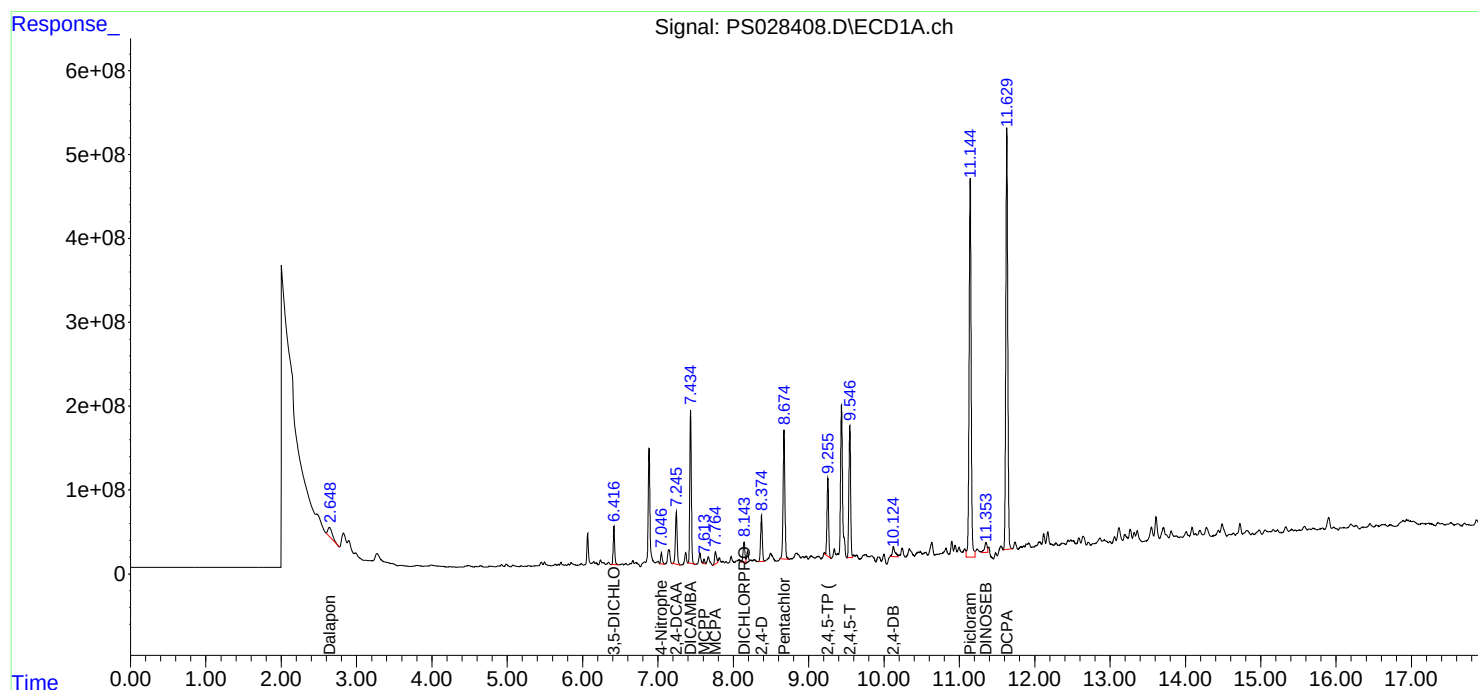
Instrument :  
ECD\_S  
ClientSampleId :  
CC0R8MS

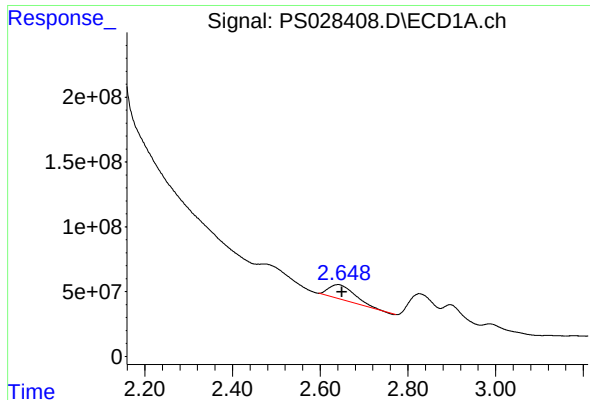
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 11 23:21:44 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS110924.M  
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Volume Inj. : 1 µl  
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





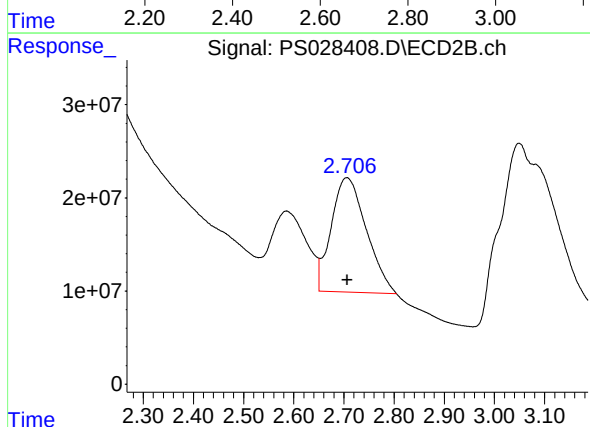
#1 Dalapon

R.T.: 2.640 min  
Delta R.T.: -0.010 min  
Response: 452651469  
Conc: 126.86 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
CC0R8MS

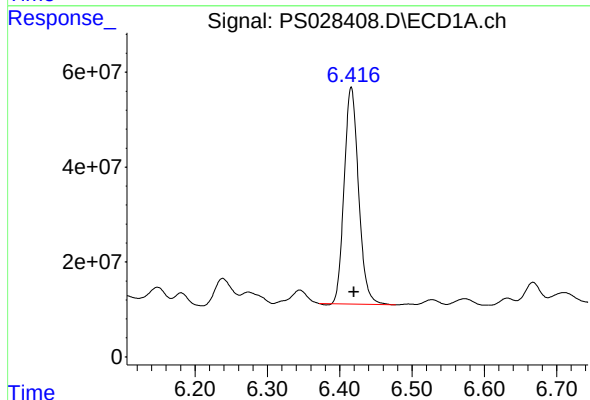
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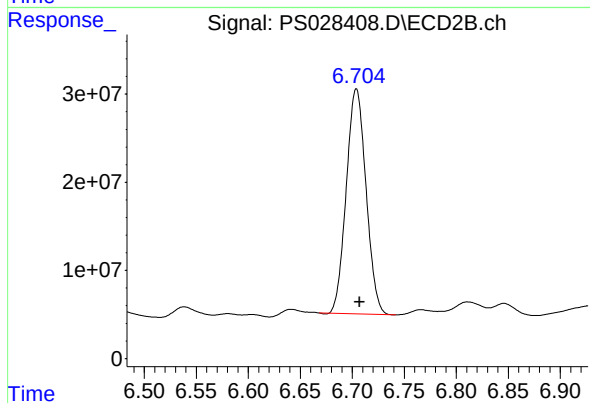
#1 Dalapon

R.T.: 2.706 min  
Delta R.T.: -0.001 min  
Response: 595830950  
Conc: 210.12 ng/ml m



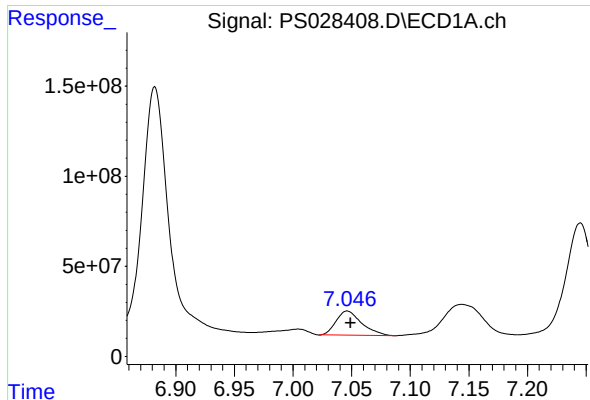
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.416 min  
Delta R.T.: -0.004 min  
Response: 630074545  
Conc: 157.46 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.704 min  
Delta R.T.: -0.003 min  
Response: 337202528  
Conc: 142.34 ng/ml



#3 4-Nitrophenol

R.T.: 7.046 min  
Delta R.T.: -0.003 min  
Response: 201754026  
Conc: 108.81 ng/ml

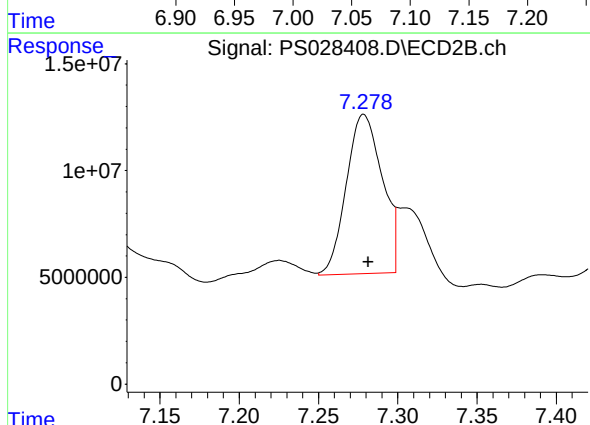
Instrument :

ECD\_S

ClientSampleId :  
CC0R8MS

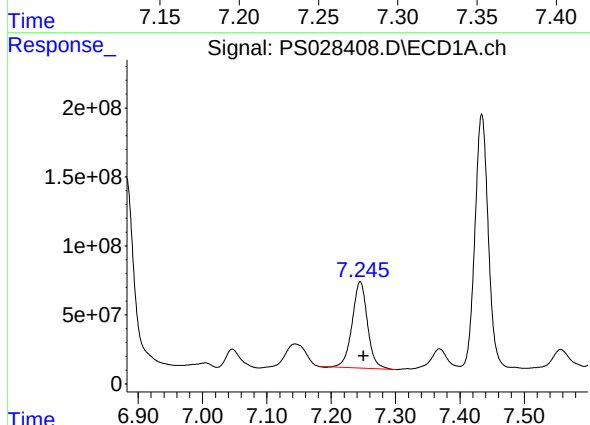
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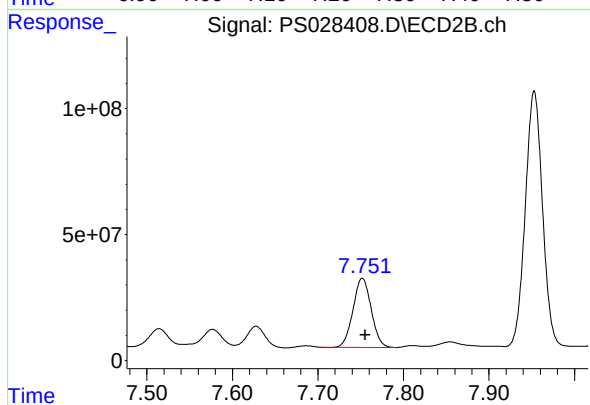
#3 4-Nitrophenol

R.T.: 7.278 min  
Delta R.T.: -0.003 min  
Response: 118358044  
Conc: 111.76 ng/ml



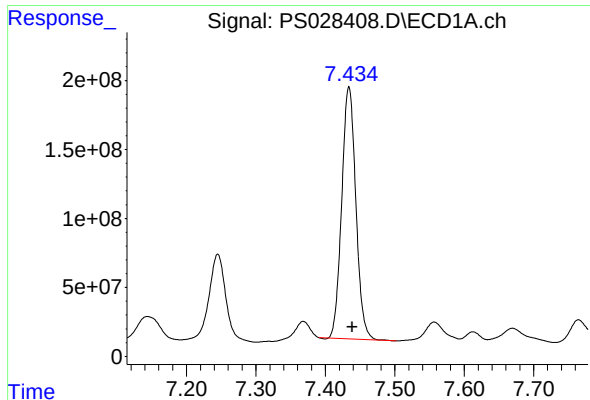
#4 2,4-DCAA

R.T.: 7.245 min  
Delta R.T.: -0.005 min  
Response: 1036442939  
Conc: 375.42 ng/ml



#4 2,4-DCAA

R.T.: 7.752 min  
Delta R.T.: -0.003 min  
Response: 403170584  
Conc: 253.02 ng/ml



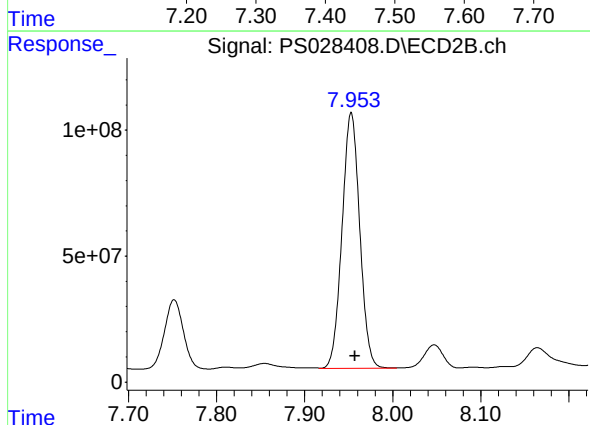
#5 DICAMBA

R.T.: 7.434 min  
Delta R.T.: -0.005 min  
Response: 2582696599  
Conc: 214.50 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
CC0R8MS

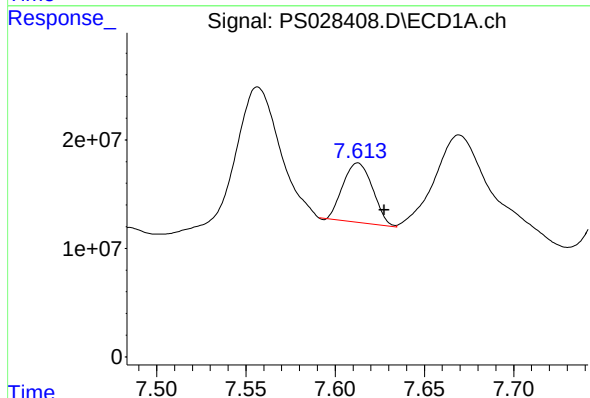
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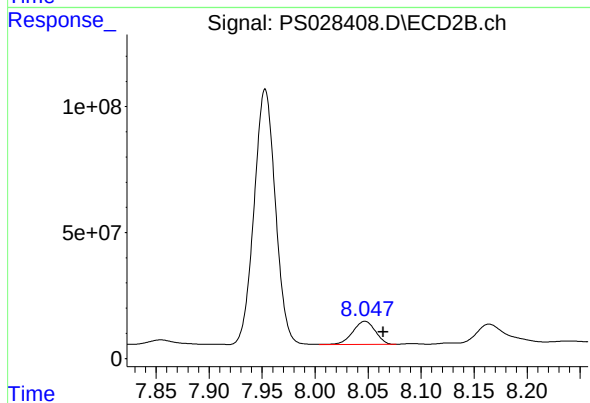
#5 DICAMBA

R.T.: 7.953 min  
Delta R.T.: -0.004 min  
Response: 1418289333  
Conc: 197.82 ng/ml



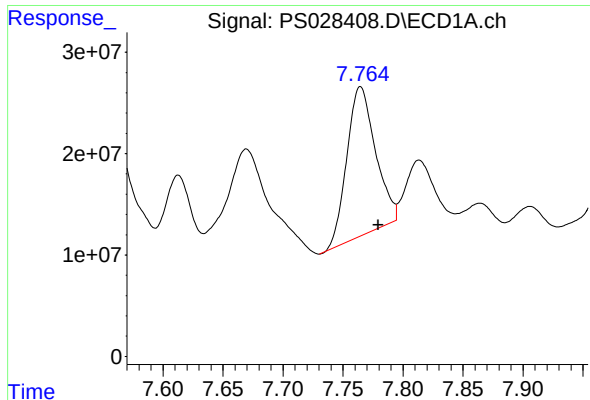
#6 MCP

R.T.: 7.613 min  
Delta R.T.: -0.015 min  
Response: 63463933  
Conc: 7.76 ug/ml



#6 MCP

R.T.: 8.047 min  
Delta R.T.: -0.018 min  
Response: 136029429  
Conc: 23.16 ug/ml



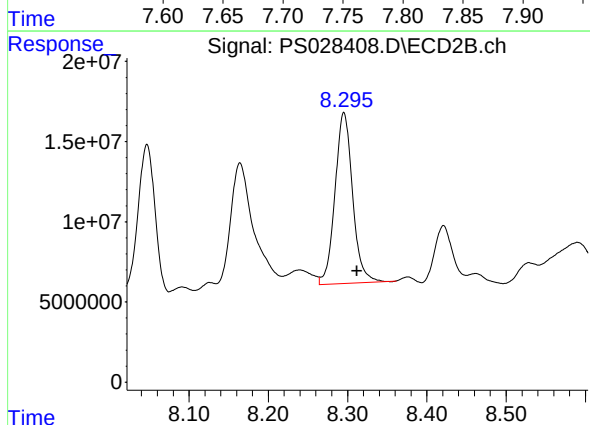
#7 MCPA

R.T.: 7.765 min  
Delta R.T.: -0.015 min  
Response: 243338049  
Conc: 21.70 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
CC0R8MS

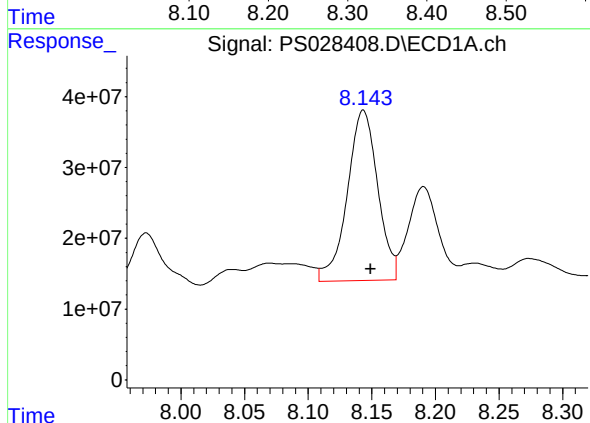
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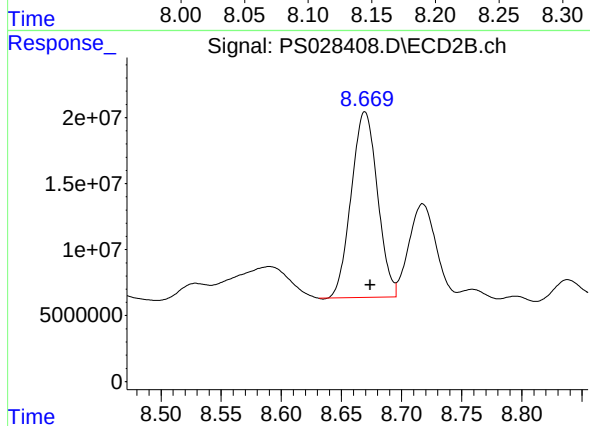
#7 MCPA

R.T.: 8.295 min  
Delta R.T.: -0.016 min  
Response: 165655371  
Conc: 20.69 ug/ml



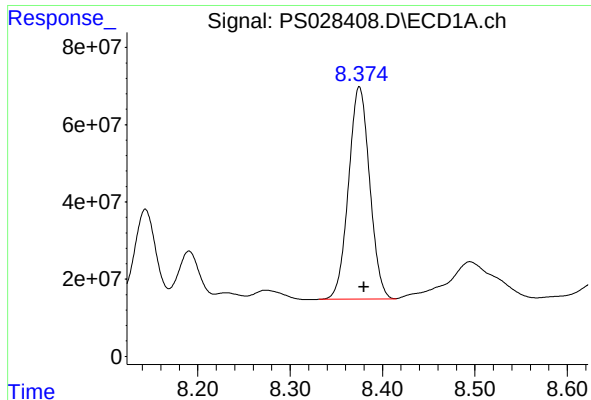
#8 DICHLORPROP

R.T.: 8.143 min  
Delta R.T.: -0.006 min  
Response: 400905421  
Conc: 129.34 ng/ml



#8 DICHLORPROP

R.T.: 8.670 min  
Delta R.T.: -0.005 min  
Response: 213363870  
Conc: 119.78 ng/ml



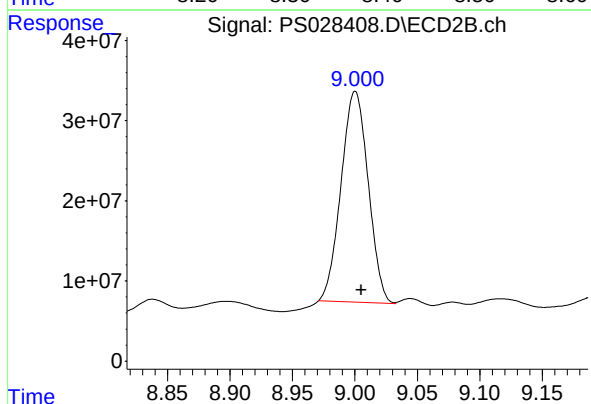
#9 2,4-D

R.T.: 8.375 min  
Delta R.T.: -0.005 min  
Response: 873802669  
Conc: 248.65 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
CC0R8MS

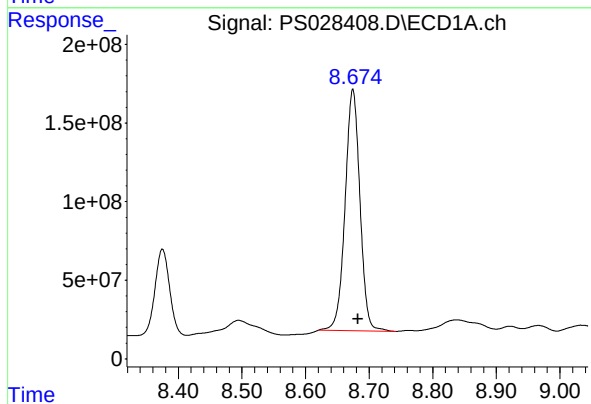
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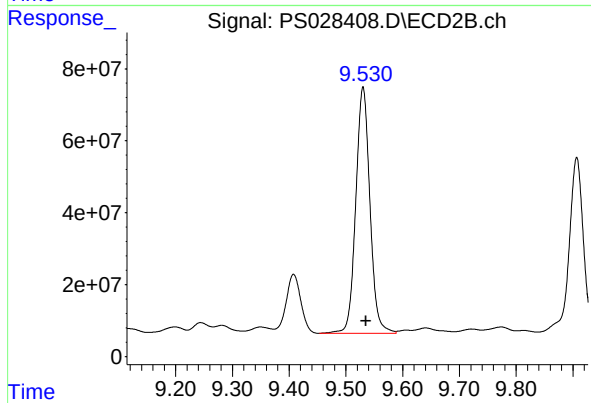
#9 2,4-D

R.T.: 9.000 min  
Delta R.T.: -0.005 min  
Response: 398049249  
Conc: 205.84 ng/ml



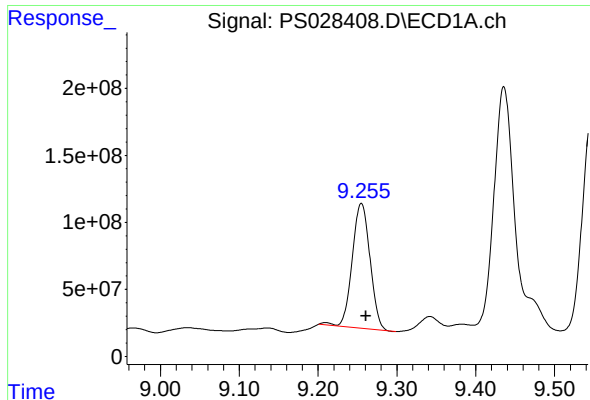
#10 Pentachlorophenol

R.T.: 8.674 min  
Delta R.T.: -0.009 min  
Response: 2483483554  
Conc: 55.14 ng/ml



#10 Pentachlorophenol

R.T.: 9.530 min  
Delta R.T.: -0.005 min  
Response: 1186870409  
Conc: 47.63 ng/ml



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

R.T.: 9.255 min  
Delta R.T.: -0.006 min  
Response: 1459535251  
Conc: 77.11 ng/ml

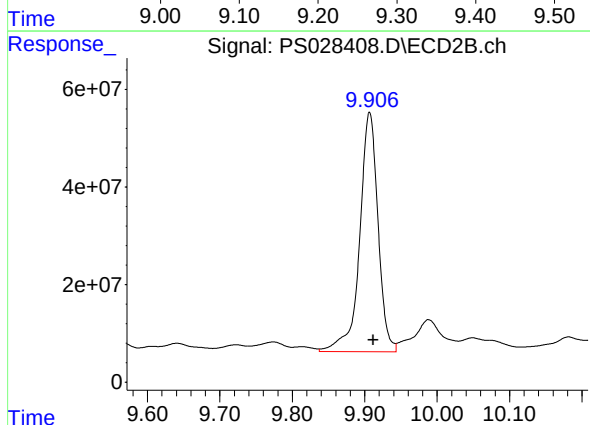
Instrument :

ECD\_S

ClientSampleId :  
CC0R8MS

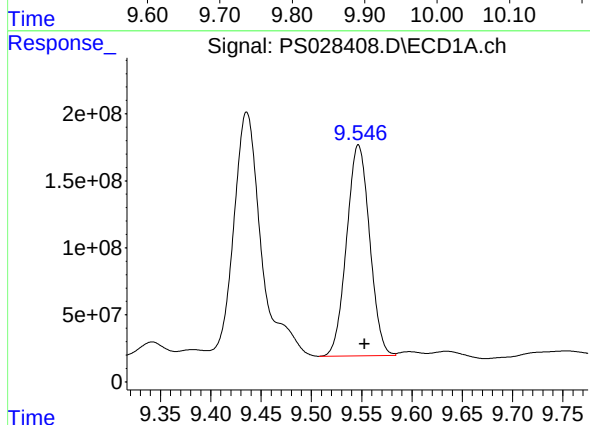
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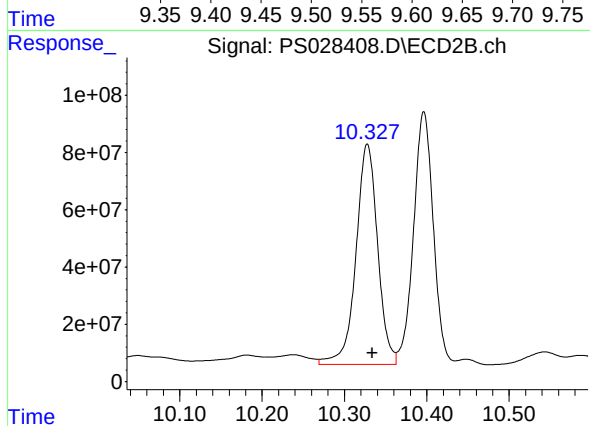
#11 2,4,5-TP (SILVEX)

R.T.: 9.907 min  
Delta R.T.: -0.005 min  
Response: 865223380  
Conc: 81.68 ng/ml



#12 2,4,5-T

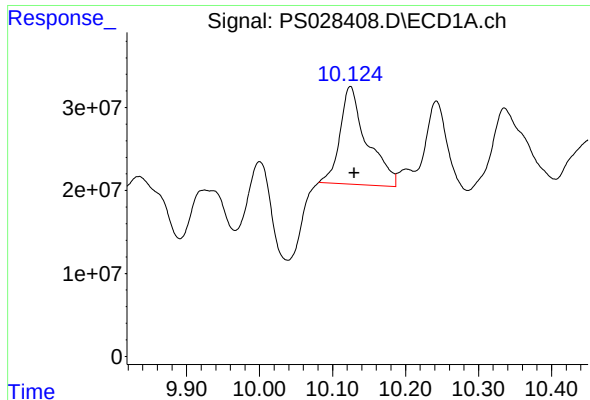
R.T.: 9.547 min  
Delta R.T.: -0.006 min  
Response: 2505716191  
Conc: 129.29 ng/ml



#12 2,4,5-T

R.T.: 10.328 min  
Delta R.T.: -0.006 min  
Response: 1410505663  
Conc: 135.94 ng/ml





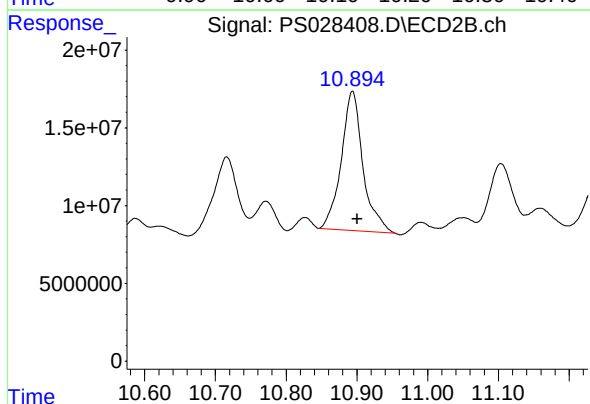
#13 2,4-DB

R.T.: 10.124 min  
Delta R.T.: -0.005 min  
Response: 301710313  
Conc: 97.61 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
CC0R8MS

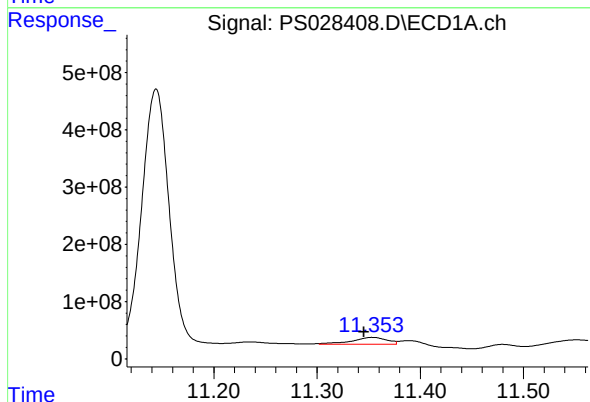
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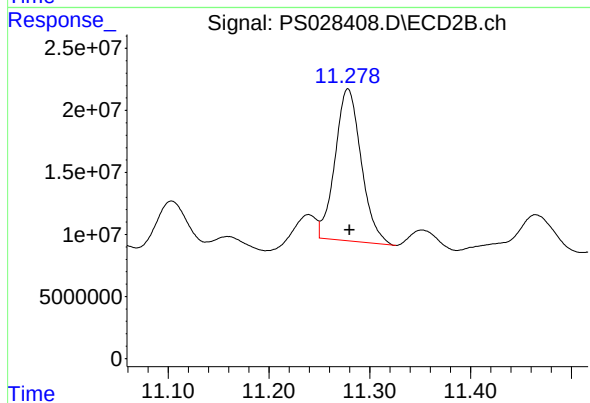
#13 2,4-DB

R.T.: 10.894 min  
Delta R.T.: -0.007 min  
Response: 191305365  
Conc: 144.35 ng/ml



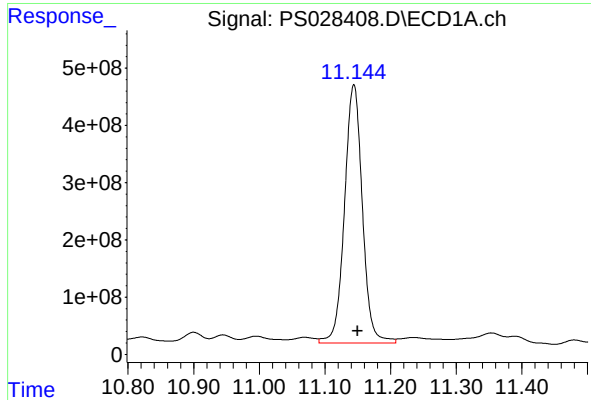
#14 DINOSEB

R.T.: 11.352 min  
Delta R.T.: 0.007 min  
Response: 281845531  
Conc: 17.38 ng/ml



#14 DINOSEB

R.T.: 11.278 min  
Delta R.T.: -0.002 min  
Response: 220542749  
Conc: 30.73 ng/ml



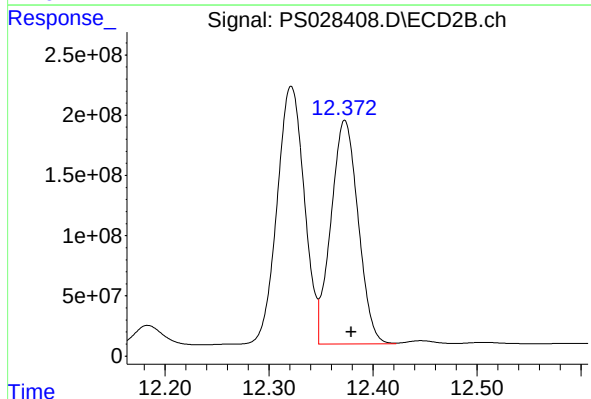
#15 Picloram

R.T.: 11.144 min  
Delta R.T.: -0.006 min  
Response: 8537274670  
Conc: 271.84 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
CC0R8MS

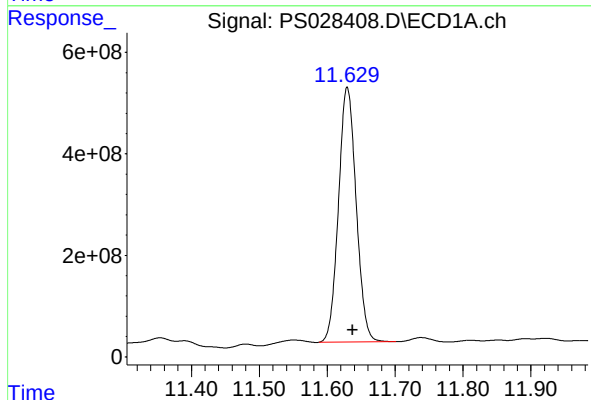
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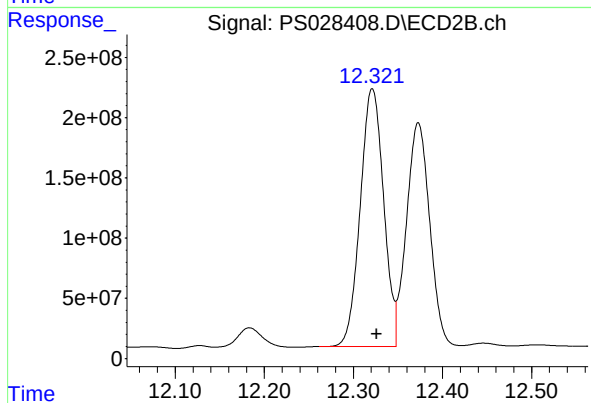
#15 Picloram

R.T.: 12.373 min  
Delta R.T.: -0.006 min  
Response: 3368726275  
Conc: 234.06 ng/ml



#16 DCPA

R.T.: 11.630 min  
Delta R.T.: -0.008 min  
Response: 9075440278  
Conc: 339.57 ng/ml



#16 DCPA

R.T.: 12.321 min  
Delta R.T.: -0.005 min  
Response: 3896030829  
Conc: 347.55 ng/ml