

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS042924\  
 Data File : PS026578.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2024 23:24  
 Operator : AR\AJ  
 Sample : P2261-02MSD (Sig #1); P2261-02MS (Sig #2)  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 RO-RBR200059MSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 04/30/2024  
 Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 04:31:56 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS042924.M  
 Quant Title : 8080.M  
 QLast Update : Mon Apr 29 15:59:36 2024  
 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     | 7.295  | 7.794  | 1620.5E6  | 808.0E6   | 655.001m | 479.836m# |
| Target Compounds            |              |        |        |           |           |          |           |
| 1) T                        | Dalapon      | 2.672  | 2.720  | 1753.6E6  | 1189.5E6  | 469.331  | 418.707   |
| 2) T                        | 3,5-DICHL... | 6.457  | 6.738  | 1757.9E6  | 1307.5E6  | 523.747  | 542.263   |
| 5) T                        | DICAMBA      | 7.483  | 7.996  | 5039.3E6  | 3814.0E6  | 496.967  | 514.227   |
| 6) T                        | MCP          | 7.663  | 8.097  | 437.5E6   | 282.7E6   | 58.787m  | 53.164    |
| 7) T                        | MCPA         | 7.814  | 8.342  | 552.2E6   | 425.7E6   | 50.482   | 54.165    |
| 8) T                        | DICHLORPROP  | 8.191  | 8.713  | 1619.2E6  | 1018.8E6  | 542.536  | 524.170   |
| 9) T                        | 2,4-D        | 8.423  | 9.044  | 1994.1E6  | 1261.5E6  | 602.761  | 607.017   |
| 10) T                       | Pentachlo... | 8.722  | 9.577  | 20896.7E6 | 13715.5E6 | 510.197  | 508.839   |
| 11) T                       | 2,4,5-TP ... | 9.305  | 9.952  | 9658.2E6  | 7608.4E6  | 564.416  | 689.023m  |
| 12) T                       | 2,4,5-T      | 9.603  | 10.373 | 9315.1E6  | 5770.5E6  | 522.009  | 527.787m  |
| 13) T                       | 2,4-DB       | 10.174 | 10.940 | 1095.0E6  | 726.9E6   | 425.275m | 504.778m  |
| 14) T                       | DINOSEB      | 11.389 | 11.319 | 4764.3E6  | 3624.8E6  | 427.613m | 492.760   |
| 15) T                       | Picloram     | 11.195 | 12.418 | 10621.3E6 | 7717.2E6  | 446.225m | 476.888   |
| 16) T                       | DCPA         | 11.679 | 12.363 | 8954.3E6  | 7681.1E6  | 456.573  | 581.888 # |
| -----                       |              |        |        |           |           |          |           |

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

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ALS Vial : 17 Sample Multiplier: 1

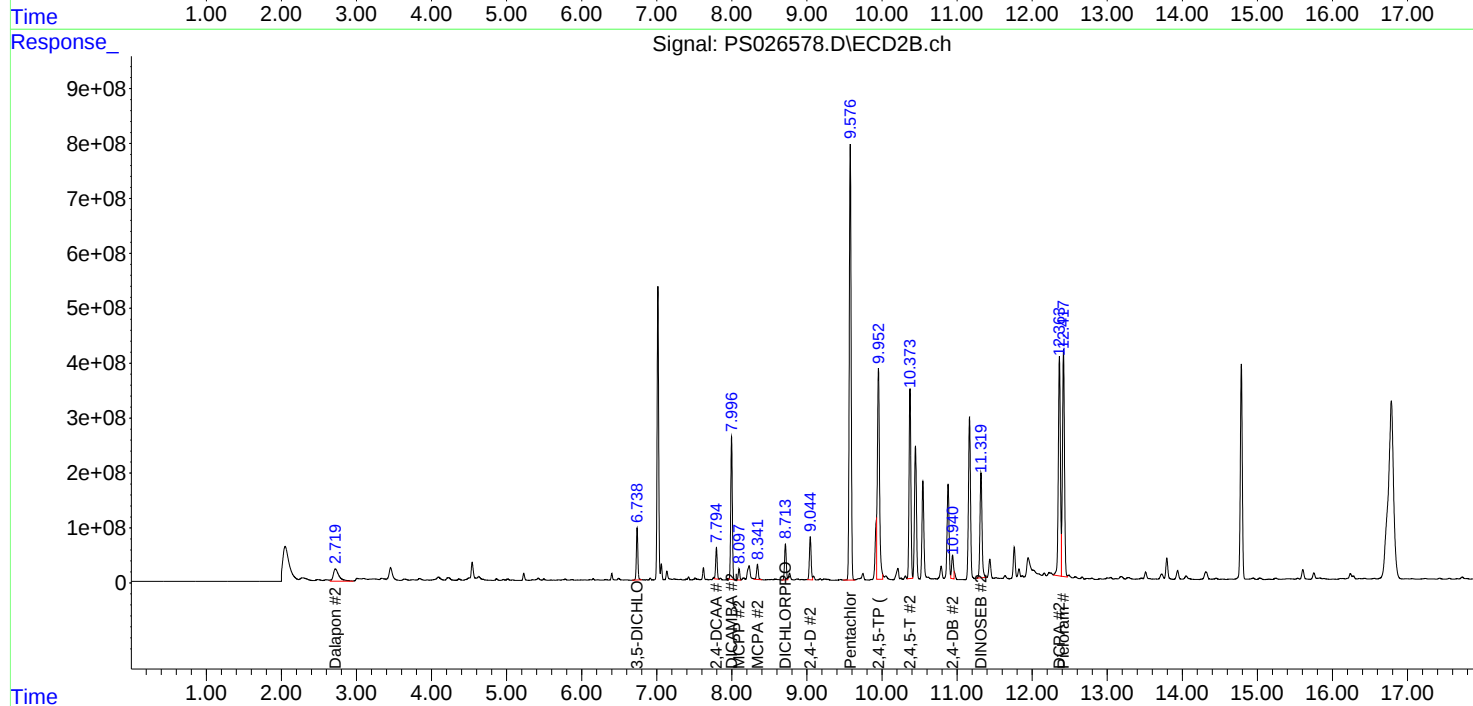
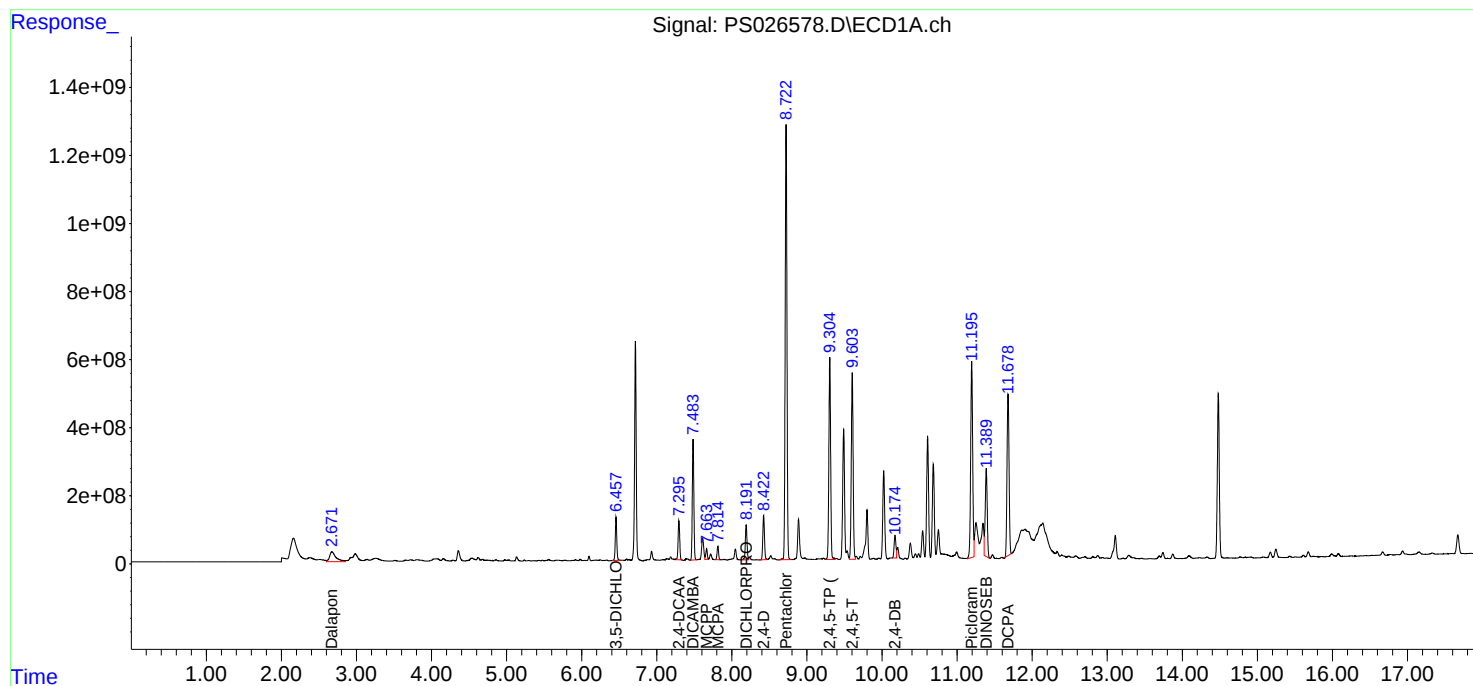
Instrument :  
ECD\_S  
ClientSampleId :  
RO-RBR200059MSD

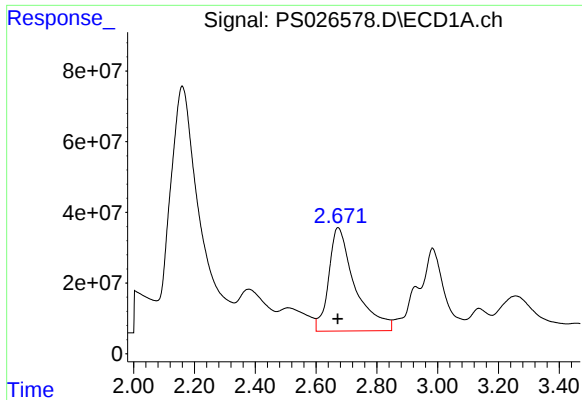
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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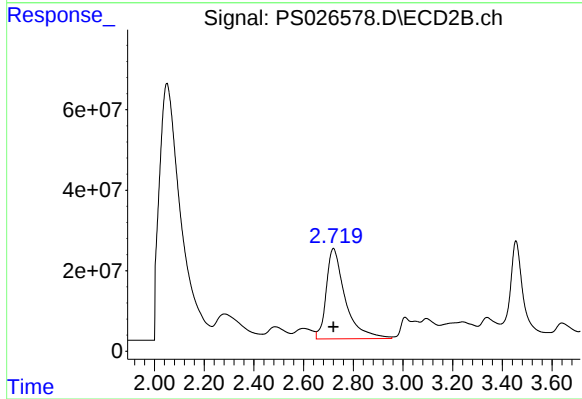
#1 Dalapon

R.T.: 2.672 min  
Delta R.T.: 0.000 min  
Response: 1753607652  
Conc: 469.33 ng/ml

Instrument :  
ECD\_S  
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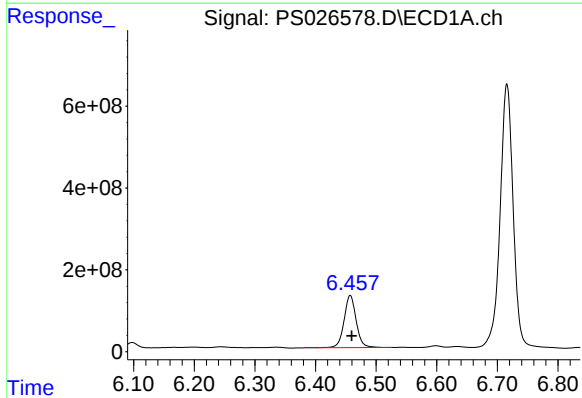
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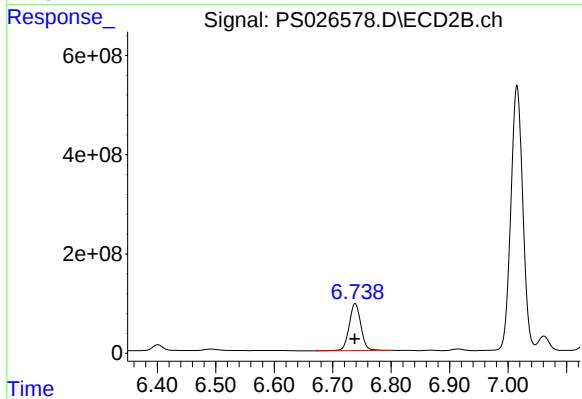
#1 Dalapon

R.T.: 2.720 min  
Delta R.T.: 0.000 min  
Response: 1189511699  
Conc: 418.71 ng/ml



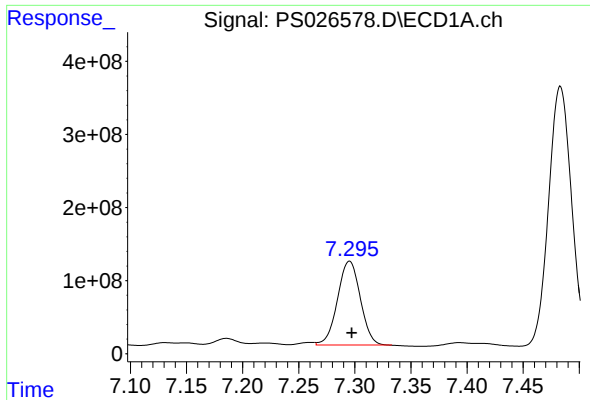
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.457 min  
Delta R.T.: -0.003 min  
Response: 1757851033  
Conc: 523.75 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.738 min  
Delta R.T.: 0.000 min  
Response: 1307527268  
Conc: 542.26 ng/ml



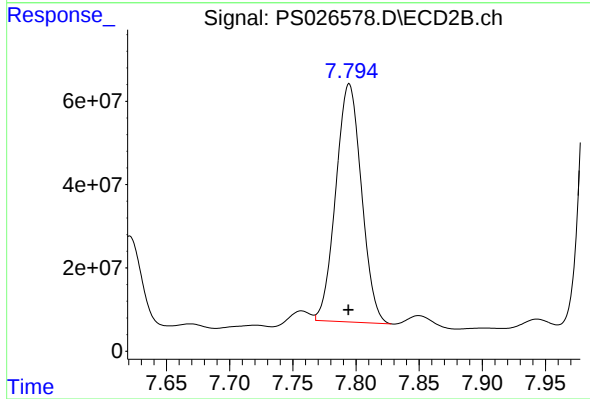
#4 2,4-DCAA

R.T.: 7.295 min  
Delta R.T.: -0.002 min  
Response: 1620524637  
Conc: 655.00 ng/ml

Instrument :  
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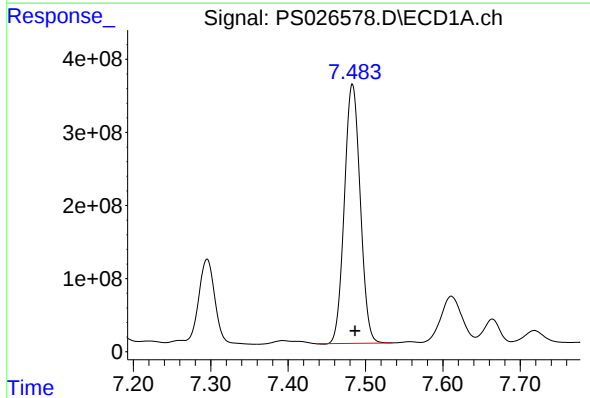
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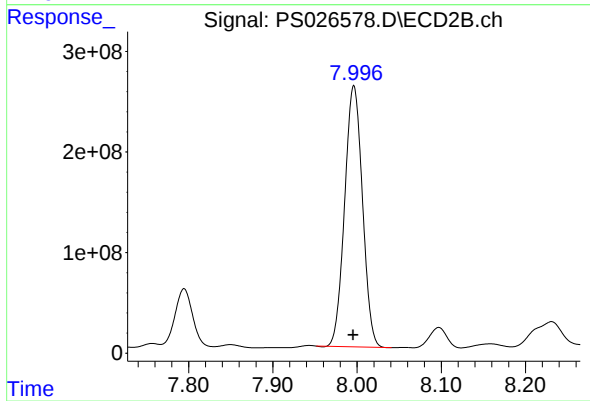
#4 2,4-DCAA

R.T.: 7.794 min  
Delta R.T.: 0.000 min  
Response: 807956472  
Conc: 479.84 ng/ml m



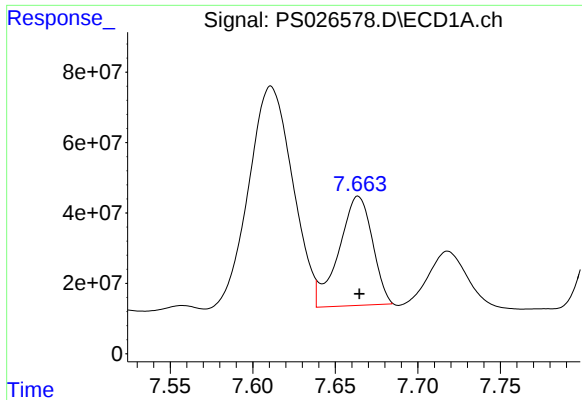
#5 DICAMBA

R.T.: 7.483 min  
Delta R.T.: -0.003 min  
Response: 5039265480  
Conc: 496.97 ng/ml



#5 DICAMBA

R.T.: 7.996 min  
Delta R.T.: 0.000 min  
Response: 3813979401  
Conc: 514.23 ng/ml



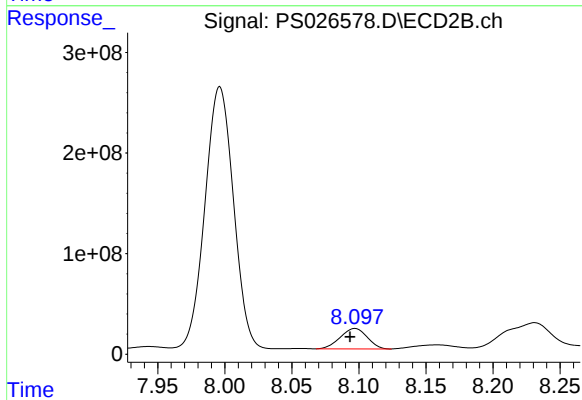
#6 MCP

R.T.: 7.663 min  
Delta R.T.: -0.001 min  
Response: 437500289  
Conc: 58.79 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
RO-RBR200059MSD

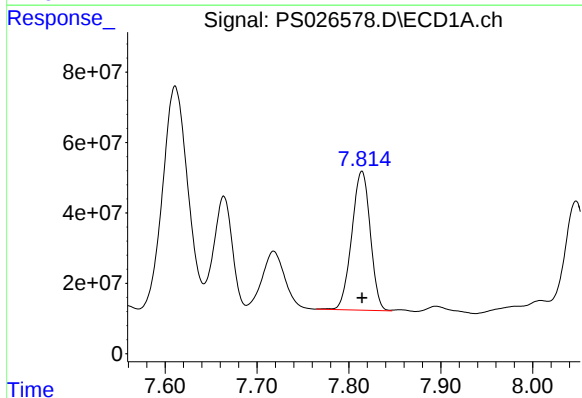
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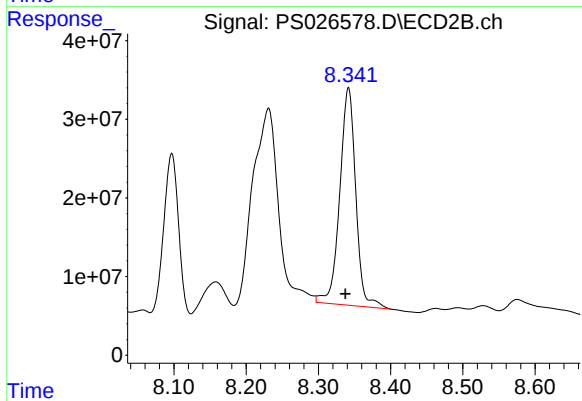
#6 MCP

R.T.: 8.097 min  
Delta R.T.: 0.004 min  
Response: 282711462  
Conc: 53.16 ug/ml



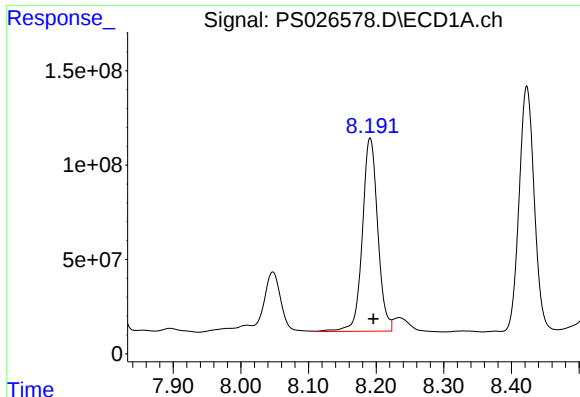
#7 MCP

R.T.: 7.814 min  
Delta R.T.: 0.000 min  
Response: 552169392  
Conc: 50.48 ug/ml



#7 MCP

R.T.: 8.342 min  
Delta R.T.: 0.004 min  
Response: 425703961  
Conc: 54.17 ug/ml



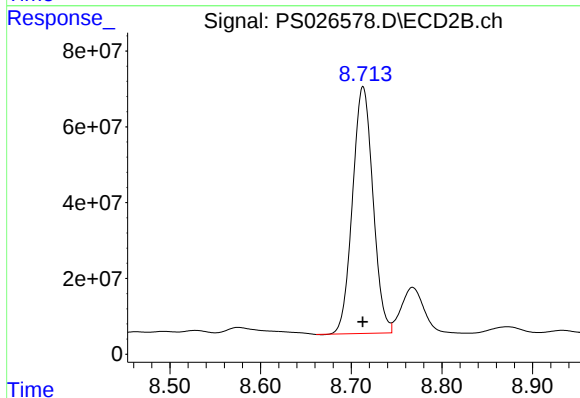
#8 DICHLORPROP

R.T.: 8.191 min  
Delta R.T.: -0.004 min  
Response: 1619211938  
Conc: 542.54 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
RO-RBR200059MSD

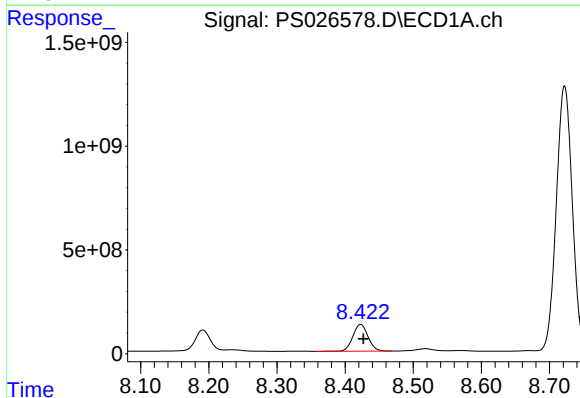
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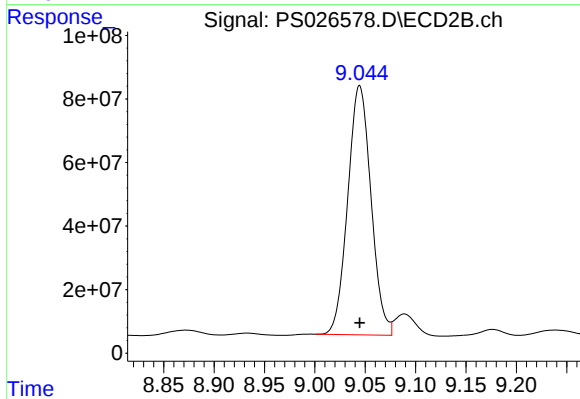
#8 DICHLORPROP

R.T.: 8.713 min  
Delta R.T.: 0.000 min  
Response: 1018812754  
Conc: 524.17 ng/ml



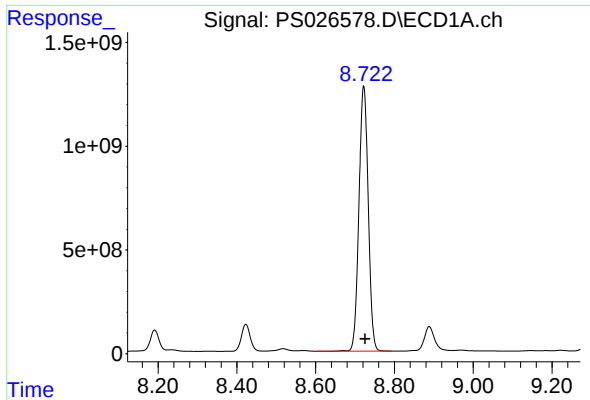
#9 2,4-D

R.T.: 8.423 min  
Delta R.T.: -0.004 min  
Response: 1994149351  
Conc: 602.76 ng/ml



#9 2,4-D

R.T.: 9.044 min  
Delta R.T.: 0.000 min  
Response: 1261525018  
Conc: 607.02 ng/ml



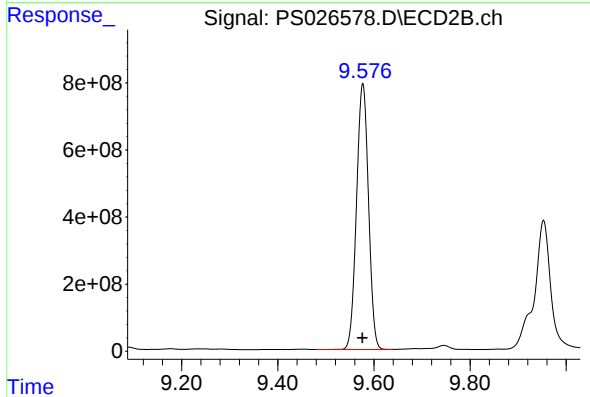
#10 Pentachlorophenol

R.T.: 8.722 min  
Delta R.T.: -0.004 min  
Response: 20896705737  
Conc: 510.20 ng/ml

Instrument :  
ECD\_S  
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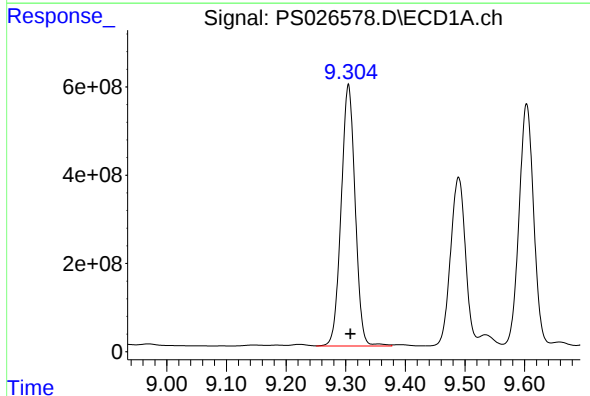
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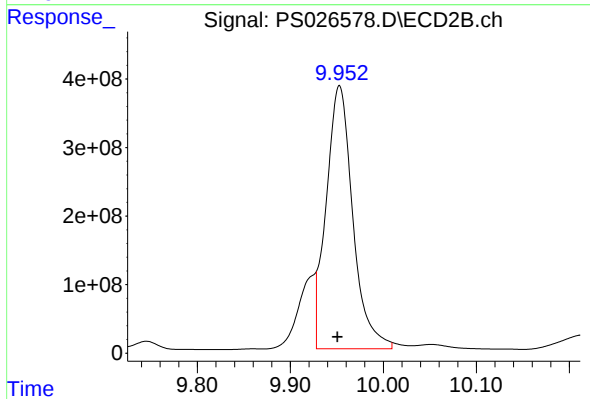
#10 Pentachlorophenol

R.T.: 9.577 min  
Delta R.T.: 0.000 min  
Response: 13715522450  
Conc: 508.84 ng/ml



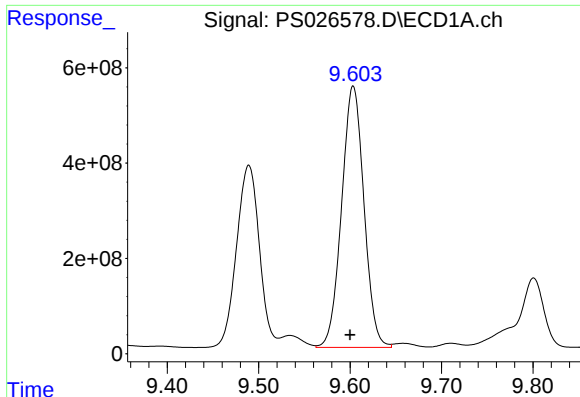
#11 2,4,5-TP (SILVEX)

R.T.: 9.305 min  
Delta R.T.: -0.003 min  
Response: 9658224359  
Conc: 564.42 ng/ml



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

R.T.: 9.952 min  
Delta R.T.: 0.002 min  
Response: 7608407983  
Conc: 689.02 ng/ml m



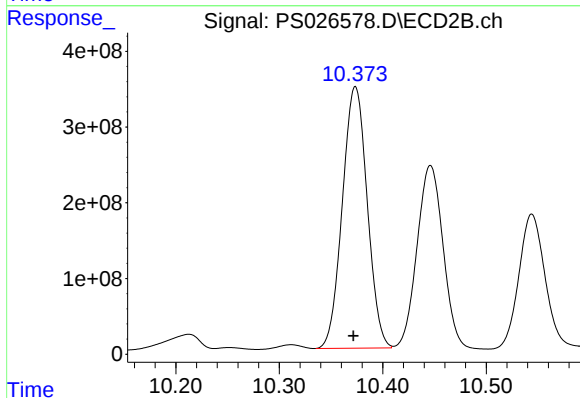
#12 2,4,5-T

R.T.: 9.603 min  
Delta R.T.: 0.003 min  
Response: 9315105834  
Conc: 522.01 ng/ml

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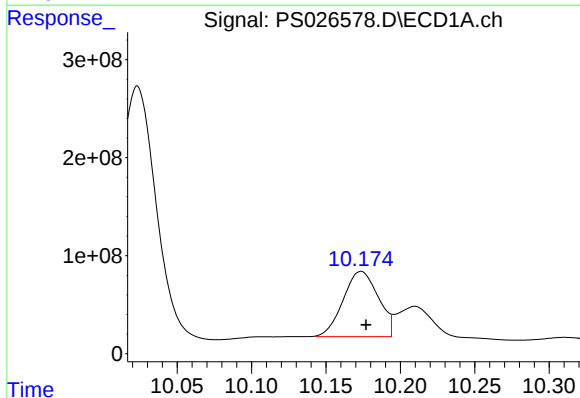
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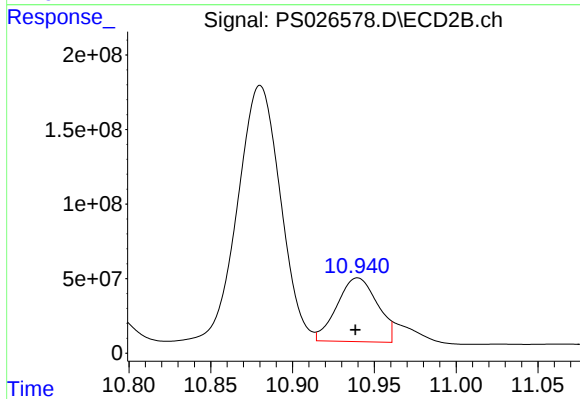
#12 2,4,5-T

R.T.: 10.373 min  
Delta R.T.: 0.001 min  
Response: 5770459894  
Conc: 527.79 ng/ml m



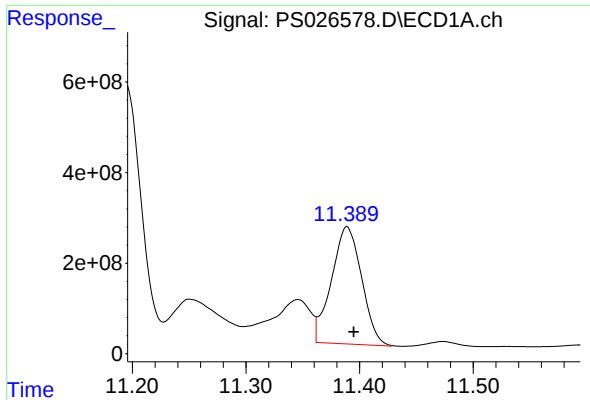
#13 2,4-DB

R.T.: 10.174 min  
Delta R.T.: -0.003 min  
Response: 1094992203  
Conc: 425.28 ng/ml m



#13 2,4-DB

R.T.: 10.940 min  
Delta R.T.: 0.001 min  
Response: 726866454  
Conc: 504.78 ng/ml m



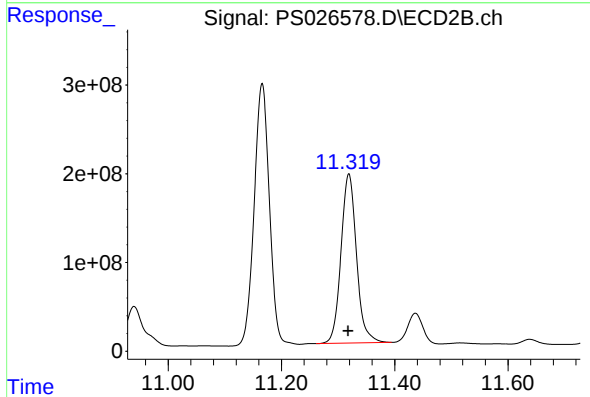
#14 DINOSEB

R.T.: 11.389 min  
Delta R.T.: -0.006 min  
Response: 4764311461  
Conc: 427.61 ng/ml

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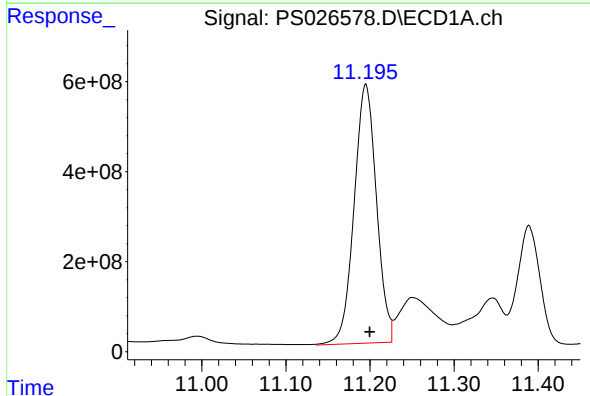
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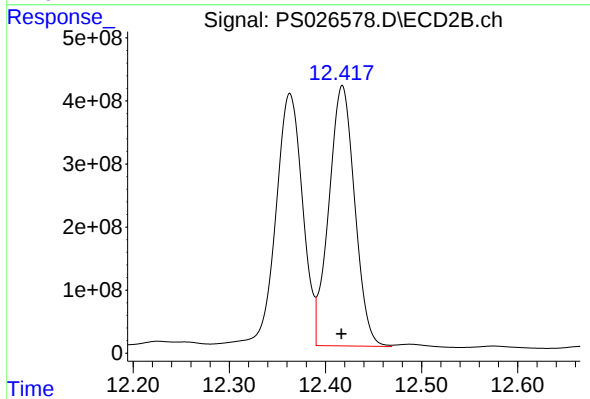
#14 DINOSEB

R.T.: 11.319 min  
Delta R.T.: 0.001 min  
Response: 3624840204  
Conc: 492.76 ng/ml



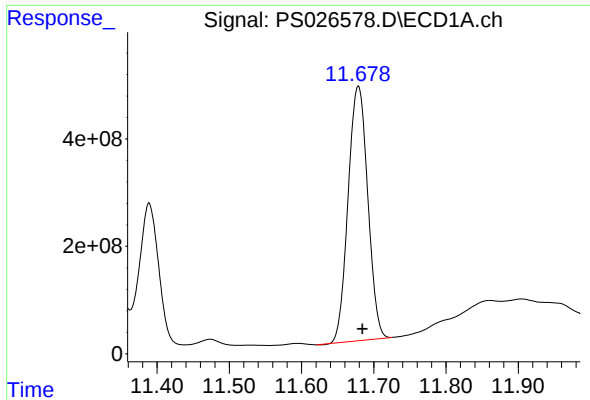
#15 Picloram

R.T.: 11.195 min  
Delta R.T.: -0.005 min  
Response: 10621294865  
Conc: 446.22 ng/ml m



#15 Picloram

R.T.: 12.418 min  
Delta R.T.: 0.000 min  
Response: 7717227314  
Conc: 476.89 ng/ml



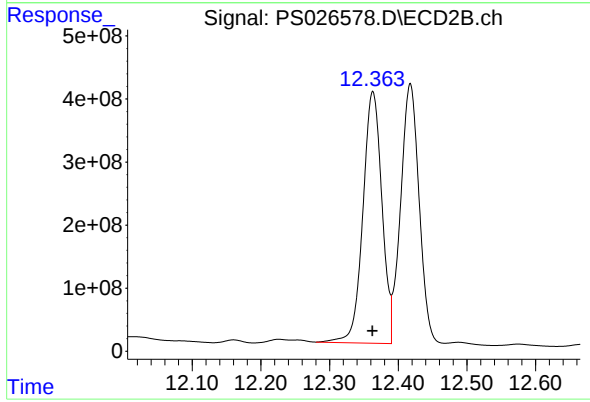
#16 DCPA

R.T.: 11.679 min  
Delta R.T.: -0.006 min  
Response: 8954312534  
Conc: 456.57 ng/ml

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#16 DCPA

R.T.: 12.363 min  
Delta R.T.: 0.000 min  
Response: 7681121515  
Conc: 581.89 ng/ml