

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS091824\  
 Data File : PS027718.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Sep 2024 17:32  
 Operator : AR\AJ  
 Sample : PB163507BSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PB163507BSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 09/19/2024  
 Supervised By : Ankita Jodhani 09/19/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 19 01:07:46 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS091224.M  
 Quant Title : 8080.M  
 QLast Update : Sat Sep 14 02:36:56 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

|                             | Compound     | RT#1   | RT#2   | Resp#1    | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|--------------|--------|--------|-----------|----------|----------|----------|
| -----                       |              |        |        |           |          |          |          |
| System Monitoring Compounds |              |        |        |           |          |          |          |
| 4) S                        | 2,4-DCAA     | 7.109  | 7.632  | 1328.5E6  | 507.2E6  | 534.059  | 511.763m |
| Target Compounds            |              |        |        |           |          |          |          |
| 1) T                        | Dalapon      | 2.555  | 2.625  | 1815.3E6  | 754.9E6  | 438.160m | 462.593  |
| 2) T                        | 3,5-DICHL... | 6.299  | 6.603  | 1836.4E6  | 788.3E6  | 502.729  | 489.174  |
| 3) T                        | 4-Nitroph... | 6.905  | 7.167  | 816.4E6   | 346.0E6  | 482.189  | 482.657  |
| 5) T                        | DICAMBA      | 7.288  | 7.826  | 5093.6E6  | 2092.4E6 | 504.056  | 474.867  |
| 6) T                        | MCP          | 7.466  | 7.927  | 330.7E6   | 160.0E6  | 47.971   | 48.750   |
| 7) T                        | MCPA         | 7.611  | 8.168  | 492.8E6   | 265.5E6  | 48.651   | 50.154   |
| 8) T                        | DICHLORPROP  | 7.975  | 8.533  | 1328.0E6  | 546.6E6  | 500.956  | 489.210  |
| 9) T                        | 2,4-D        | 8.198  | 8.858  | 1525.4E6  | 547.3E6  | 497.647  | 490.864  |
| 10) T                       | Pentachlo... | 8.484  | 9.374  | 19129.5E6 | 8255.8E6 | 525.953  | 499.370  |
| 11) T                       | 2,4,5-TP ... | 9.052  | 9.750  | 7566.8E6  | 2916.4E6 | 517.035  | 486.398  |
| 12) T                       | 2,4,5-T      | 9.337  | 10.166 | 7640.8E6  | 2466.5E6 | 510.479  | 471.887  |
| 13) T                       | 2,4-DB       | 9.901  | 10.728 | 1141.8E6  | 286.8E6  | 491.701  | 466.085  |
| 14) T                       | DINOSEB      | 11.079 | 11.103 | 4953.5E6  | 2007.1E6 | 506.447  | 477.256  |
| 15) T                       | Picloram     | 10.896 | 12.183 | 8794.1E6  | 2146.3E6 | 470.081  | 461.834  |
| 16) T                       | DCPA         | 11.379 | 12.136 | 8727.0E6  | 3091.7E6 | 525.808  | 479.695  |
| -----                       |              |        |        |           |          |          |          |

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

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Data File : PS027718.D  
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Acq On : 18 Sep 2024 17:32  
Operator : AR\AJ  
Sample : PB163507BSD  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

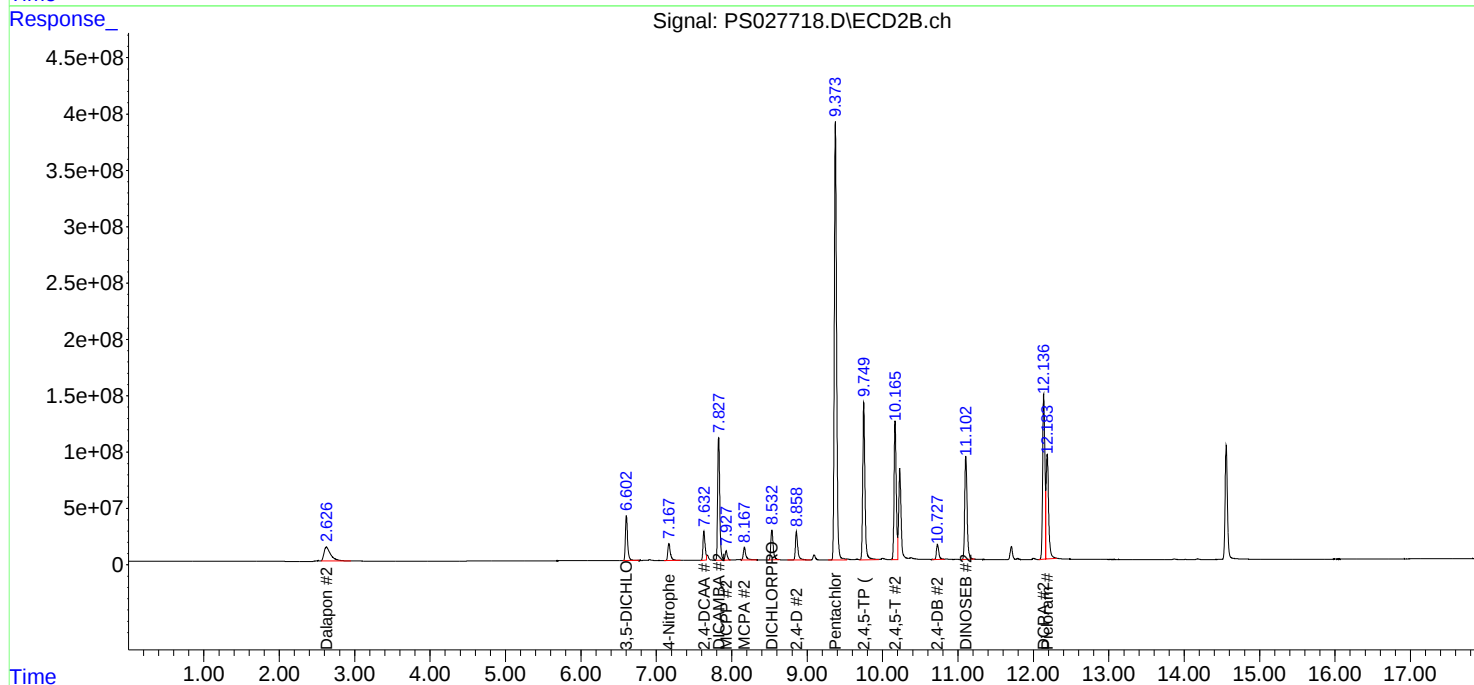
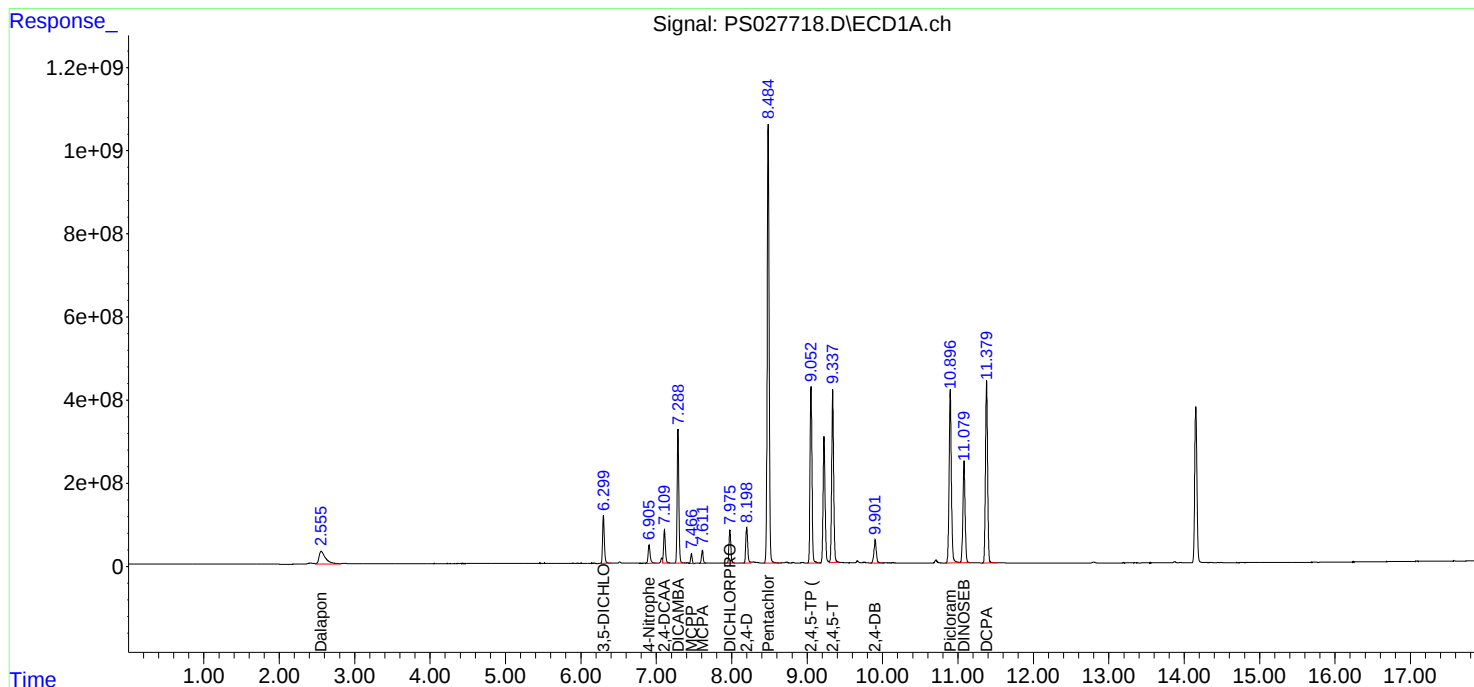
Instrument :  
ECD\_S  
ClientSampleId :  
PB163507BSD

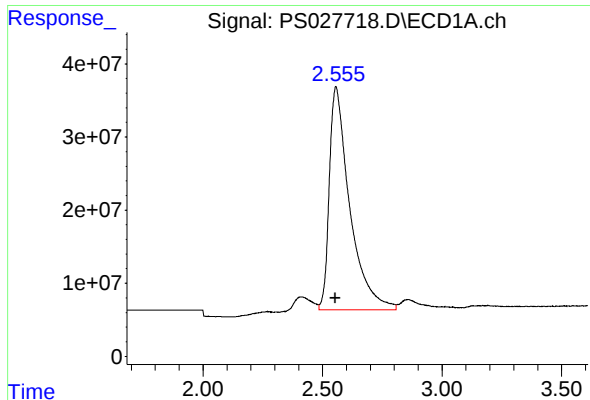
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 19 01:07:46 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS091224.M  
Quant Title : 8080.M  
QLast Update : Sat Sep 14 02:36:56 2024  
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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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





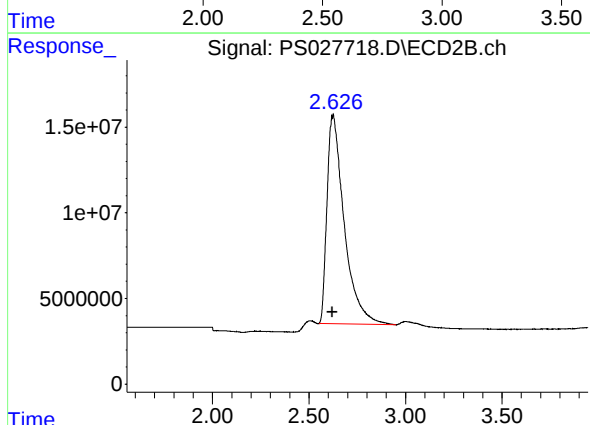
#1 Dalapon

R.T.: 2.555 min  
Delta R.T.: 0.000 min  
Response: 1815331958  
Conc: 438.16 ng/ml

Instrument :  
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ClientSampleId :  
PB163507BSD

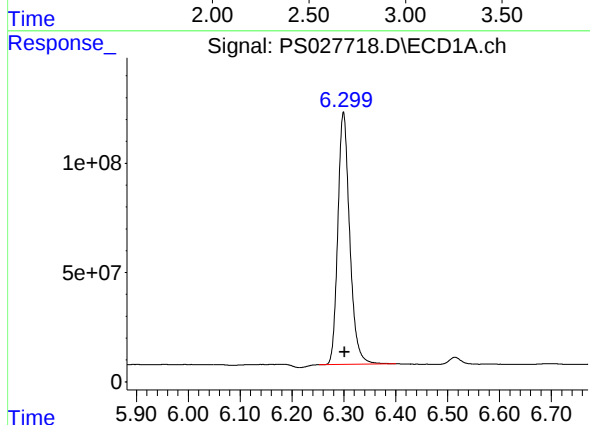
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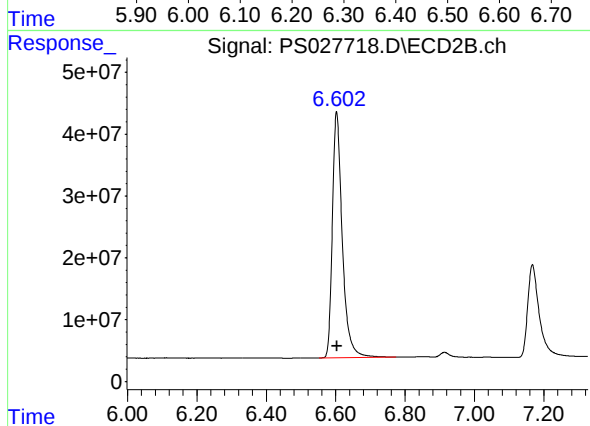
#1 Dalapon

R.T.: 2.625 min  
Delta R.T.: 0.005 min  
Response: 754887720  
Conc: 462.59 ng/ml



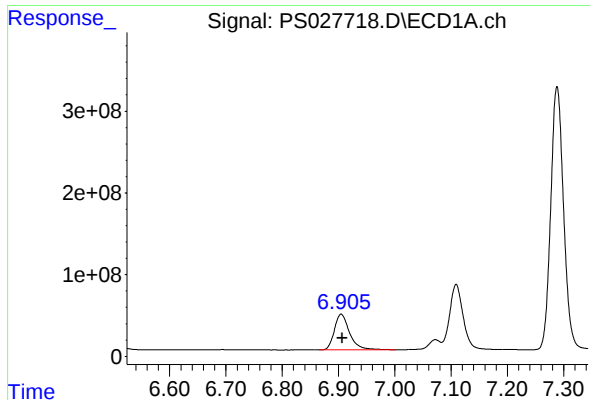
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.299 min  
Delta R.T.: -0.002 min  
Response: 1836399368  
Conc: 502.73 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.603 min  
Delta R.T.: -0.001 min  
Response: 788268784  
Conc: 489.17 ng/ml



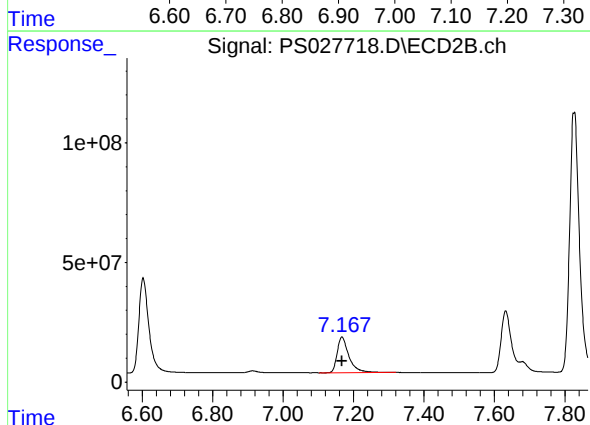
#3 4-Nitrophenol

R.T.: 6.905 min  
Delta R.T.: -0.002 min  
Response: 816405854  
Conc: 482.19 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB163507BSD

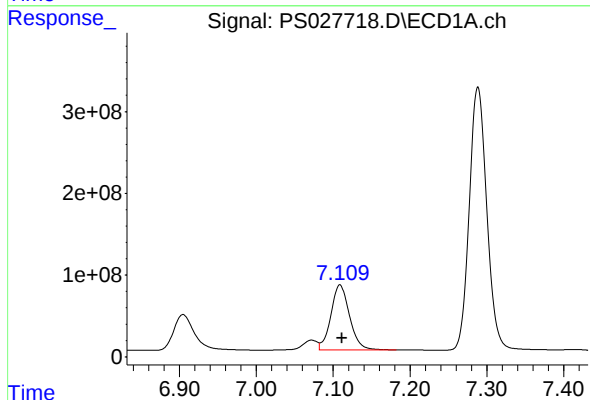
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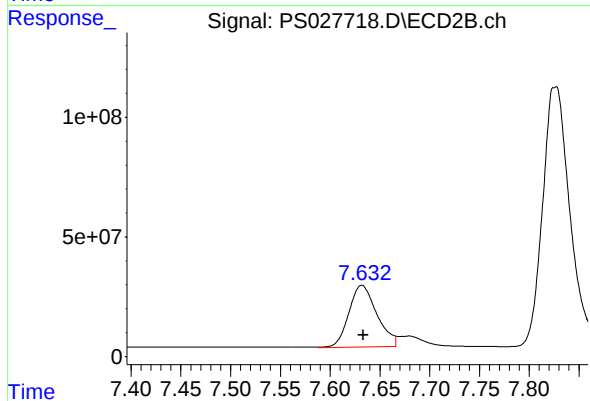
#3 4-Nitrophenol

R.T.: 7.167 min  
Delta R.T.: 0.000 min  
Response: 345964414  
Conc: 482.66 ng/ml



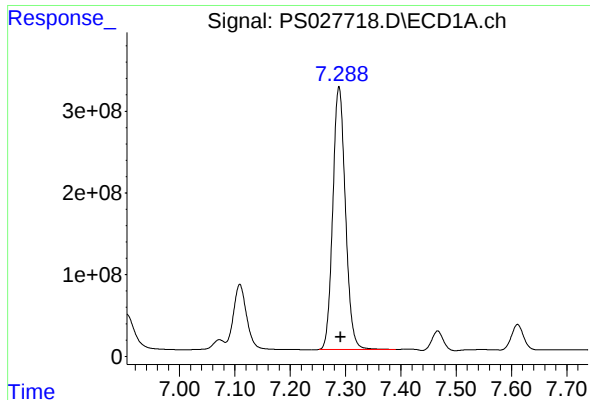
#4 2,4-DCAA

R.T.: 7.109 min  
Delta R.T.: -0.003 min  
Response: 1328528556  
Conc: 534.06 ng/ml



#4 2,4-DCAA

R.T.: 7.632 min  
Delta R.T.: -0.001 min  
Response: 507173987  
Conc: 511.76 ng/ml m



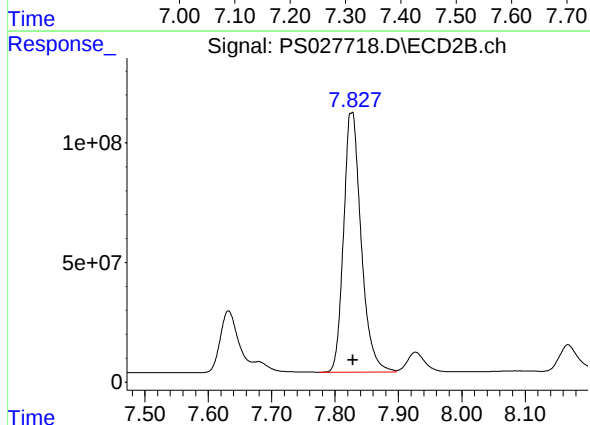
#5 DICAMBA

R.T.: 7.288 min  
Delta R.T.: -0.002 min  
Response: 5093566116  
Conc: 504.06 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB163507BSD

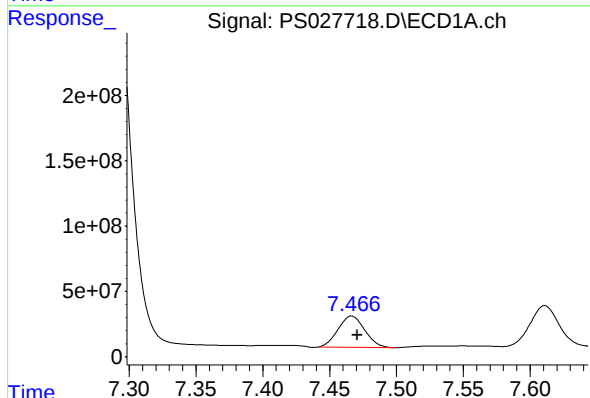
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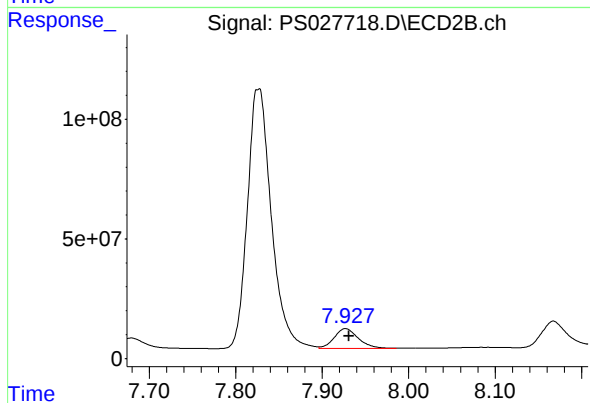
#5 DICAMBA

R.T.: 7.826 min  
Delta R.T.: -0.002 min  
Response: 2092444473  
Conc: 474.87 ng/ml



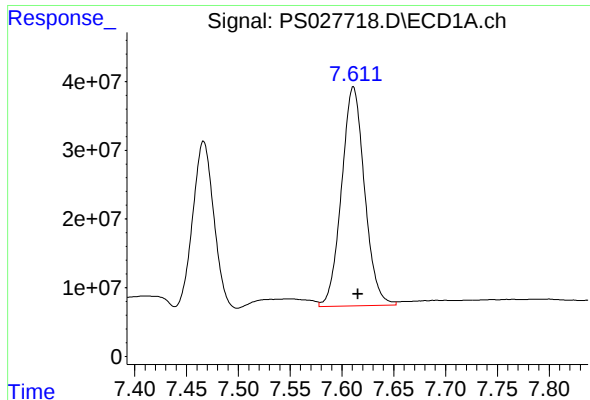
#6 MCPP

R.T.: 7.466 min  
Delta R.T.: -0.004 min  
Response: 330695231  
Conc: 47.97 ug/ml



#6 MCPP

R.T.: 7.927 min  
Delta R.T.: -0.004 min  
Response: 160019199  
Conc: 48.75 ug/ml



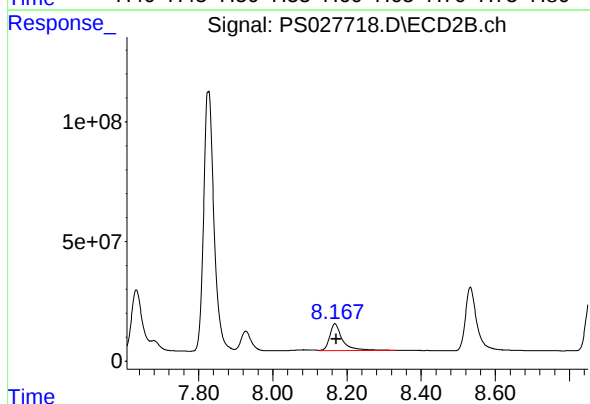
#7 MCPA

R.T.: 7.611 min  
Delta R.T.: -0.005 min  
Response: 492833856  
Conc: 48.65 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB163507BSD

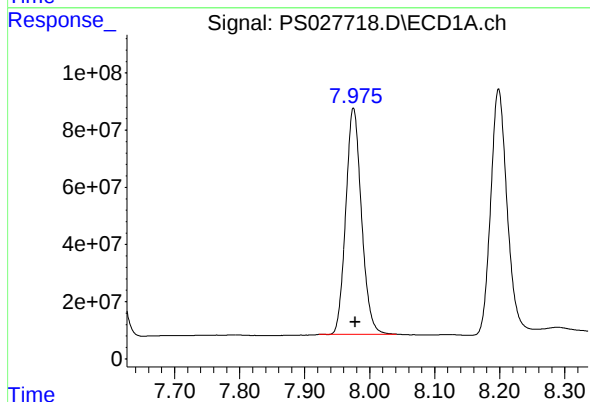
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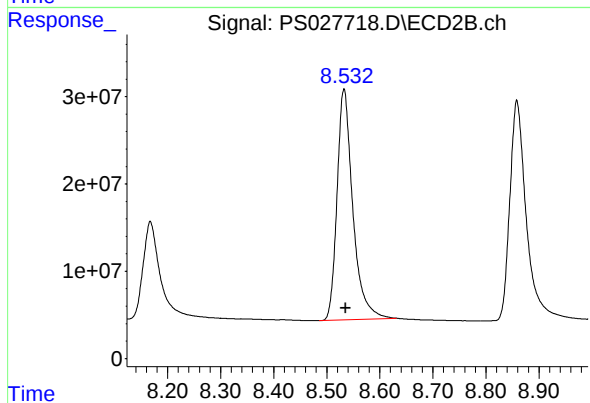
#7 MCPA

R.T.: 8.168 min  
Delta R.T.: -0.004 min  
Response: 265499075  
Conc: 50.15 ug/ml



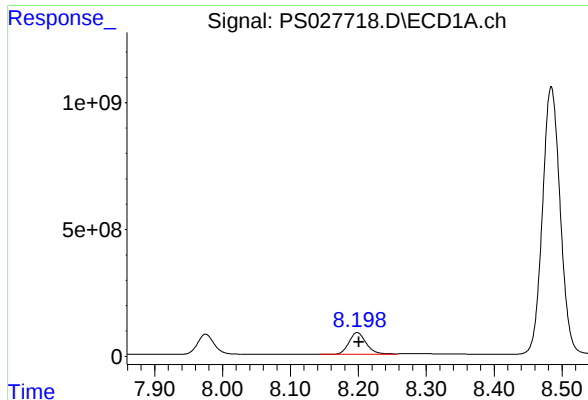
#8 DICHLORPROP

R.T.: 7.975 min  
Delta R.T.: -0.002 min  
Response: 1327978014  
Conc: 500.96 ng/ml



#8 DICHLORPROP

R.T.: 8.533 min  
Delta R.T.: -0.003 min  
Response: 546557444  
Conc: 489.21 ng/ml



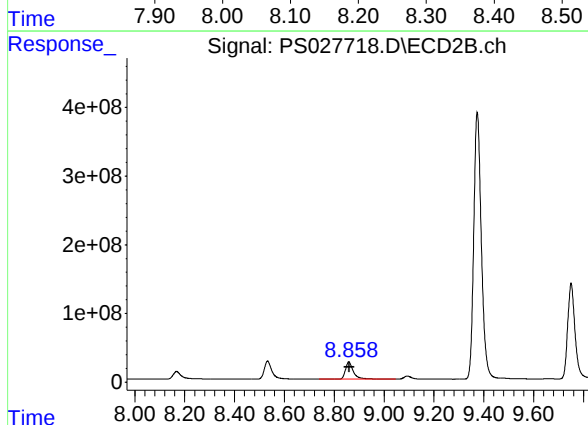
#9 2,4-D

R.T.: 8.198 min  
Delta R.T.: -0.003 min  
Response: 1525405297  
Conc: 497.65 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB163507BSD

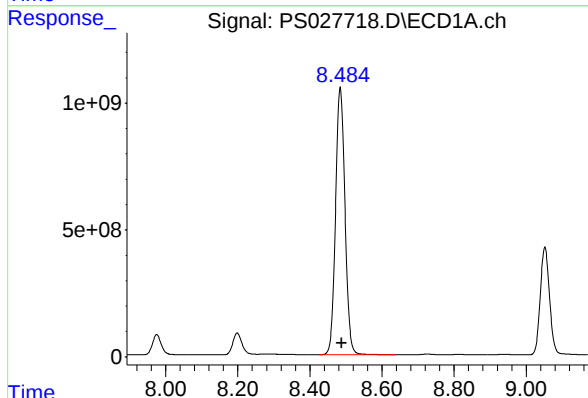
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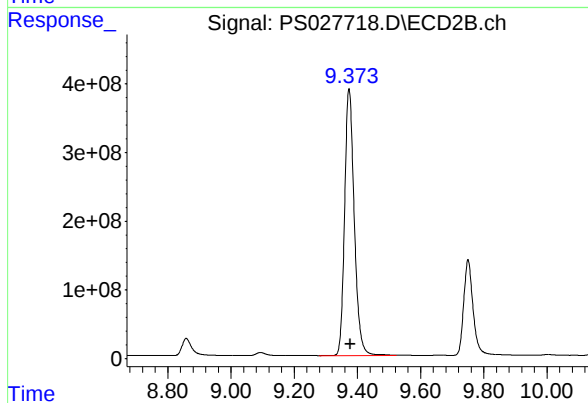
#9 2,4-D

R.T.: 8.858 min  
Delta R.T.: -0.003 min  
Response: 547321669  
Conc: 490.86 ng/ml



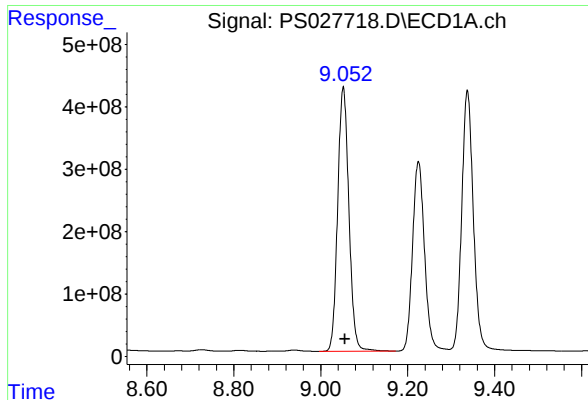
#10 Pentachlorophenol

R.T.: 8.484 min  
Delta R.T.: -0.003 min  
Response: 19129527965  
Conc: 525.95 ng/ml



#10 Pentachlorophenol

R.T.: 9.374 min  
Delta R.T.: -0.004 min  
Response: 8255756680  
Conc: 499.37 ng/ml



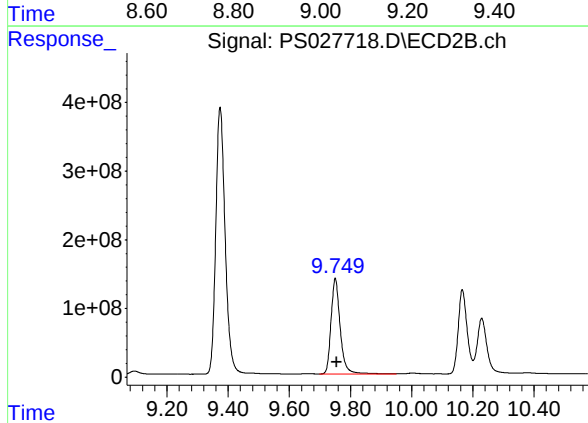
#11 2,4,5-TP (SILVEX)

R.T.: 9.052 min  
Delta R.T.: -0.004 min  
Response: 7566812771  
Conc: 517.03 ng/ml

Instrument :  
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ClientSampleId :  
PB163507BSD

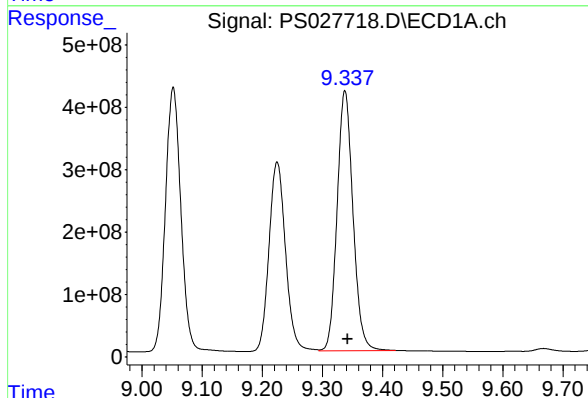
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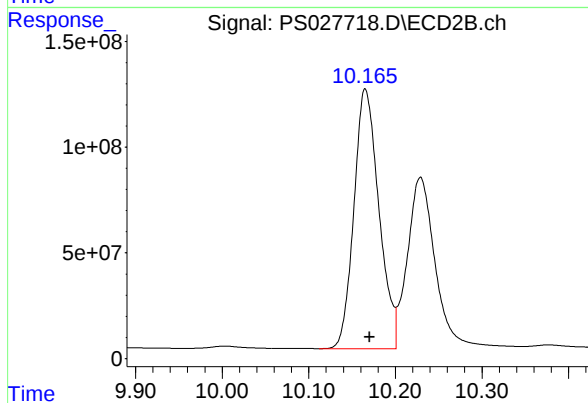
#11 2,4,5-TP (SILVEX)

R.T.: 9.750 min  
Delta R.T.: -0.004 min  
Response: 2916393175  
Conc: 486.40 ng/ml



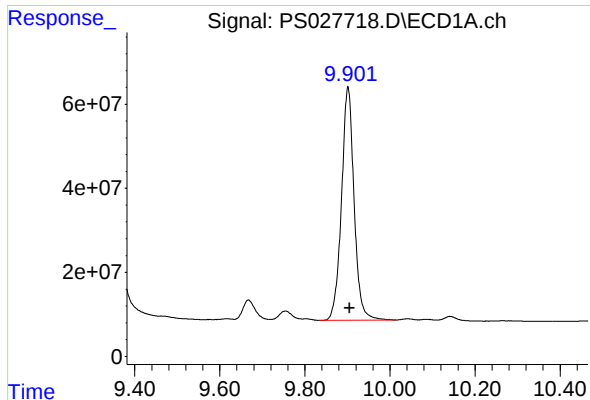
#12 2,4,5-T

R.T.: 9.337 min  
Delta R.T.: -0.004 min  
Response: 7640757508  
Conc: 510.48 ng/ml



#12 2,4,5-T

R.T.: 10.166 min  
Delta R.T.: -0.005 min  
Response: 2466467833  
Conc: 471.89 ng/ml



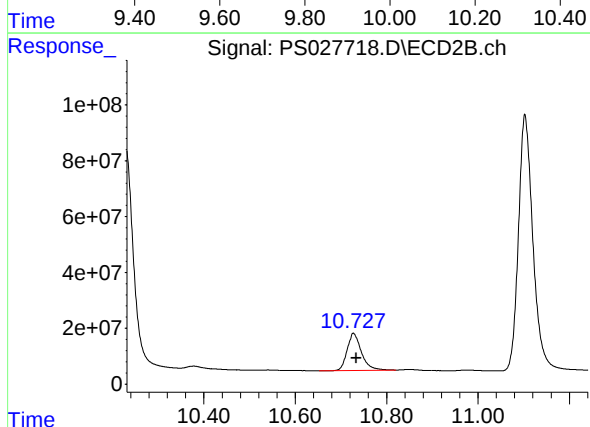
#13 2,4-DB

R.T.: 9.901 min  
Delta R.T.: -0.004 min  
Response: 1141836182  
Conc: 491.70 ng/ml

Instrument :  
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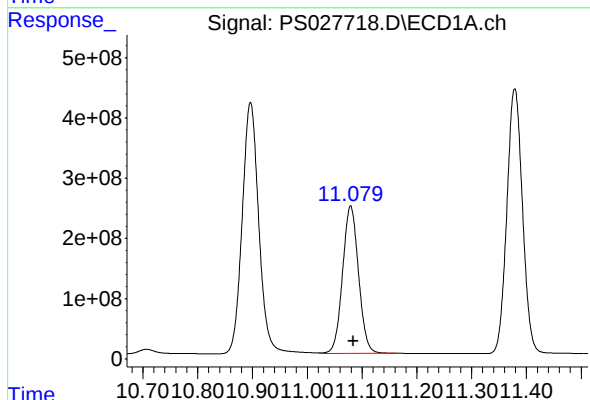
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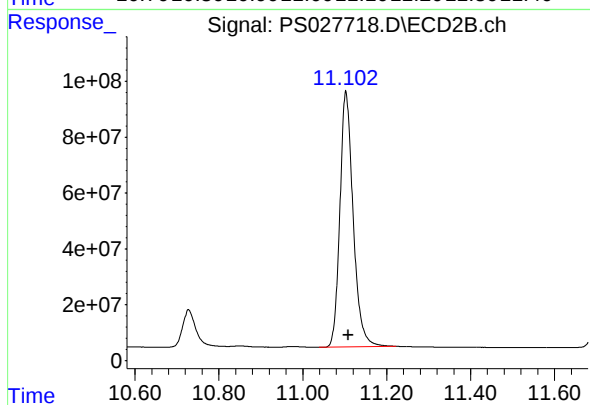
#13 2,4-DB

R.T.: 10.728 min  
Delta R.T.: -0.005 min  
Response: 286783031  
Conc: 466.09 ng/ml



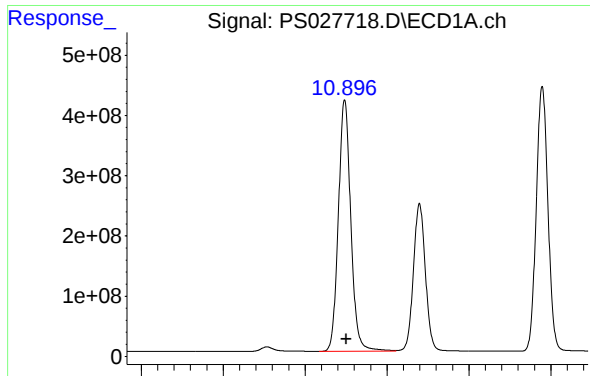
#14 DINOSEB

R.T.: 11.079 min  
Delta R.T.: -0.005 min  
Response: 4953494618  
Conc: 506.45 ng/ml



#14 DINOSEB

R.T.: 11.103 min  
Delta R.T.: -0.006 min  
Response: 2007144812  
Conc: 477.26 ng/ml



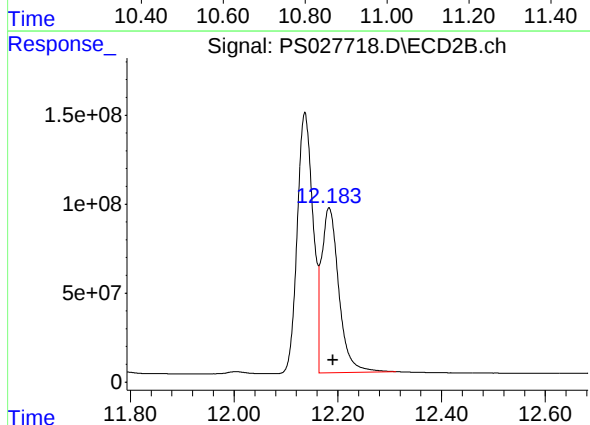
#15 Picloram

R.T.: 10.896 min  
Delta R.T.: -0.004 min  
Response: 8794142130  
Conc: 470.08 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB163507BSD

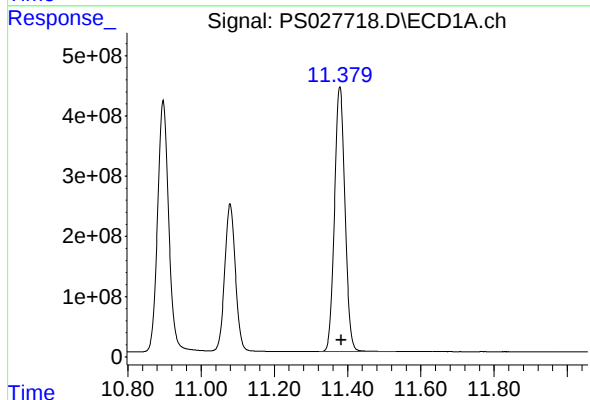
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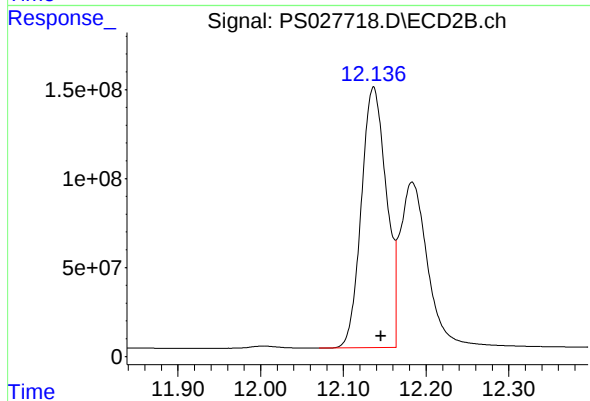
#15 Picloram

R.T.: 12.183 min  
Delta R.T.: -0.007 min  
Response: 2146297220  
Conc: 461.83 ng/ml



#16 DCPA

R.T.: 11.379 min  
Delta R.T.: -0.005 min  
Response: 8727024041  
Conc: 525.81 ng/ml



#16 DCPA

R.T.: 12.136 min  
Delta R.T.: -0.009 min  
Response: 3091692916  
Conc: 479.70 ng/ml