

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS071919\  
 Data File : PS005582.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jul 2019 20:42  
 Operator : SM\AJ  
 Sample : K3835-02MSD  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 SB-1(7-9)MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 20 00:26:10 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS071819.M  
 Quant Title : 8080.M  
 QLast Update : Fri Jul 19 08:54:13 2019  
 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     | 5.553 | 5.268 | 378.0E6  | 224.8E6  | 239.866  | 217.625m  |
| Target Compounds            |              |       |       |          |          |          |           |
| 2) T                        | 3,5-DICHL... | 4.904 | 4.563 | 459.2E6  | 276.0E6  | 215.807m | 203.591m  |
| 3) T                        | 4-Nitroph... | 5.406 | 4.949 | 54969203 | 62229988 | 76.894m  | 125.581 # |
| 5) T                        | DICAMBA      | 5.712 | 5.402 | 1259.5E6 | 813.7E6  | 203.629m | 205.637   |
| 6) T                        | MCP          | 5.867 | 5.486 | 103.7E6  | 58442894 | 21.343   | 20.171    |
| 7) T                        | MCPA         | 6.003 | 5.668 | 135.5E6  | 107.3E6  | 20.050m  | 24.356    |
| 8) T                        | DICHLORPROP  | 6.352 | 5.956 | 281.6E6  | 209.9E6  | 185.237  | 205.773   |
| 9) T                        | 2,4-D        | 6.568 | 6.229 | 401.6E6  | 293.1E6  | 229.000  | 251.031   |
| 10) T                       | Pentachlo... | 6.837 | 6.604 | 3915.3E6 | 2454.3E6 | 180.827  | 182.465   |
| 11) T                       | 2,4,5-TP ... | 7.374 | 6.967 | 1915.4E6 | 1230.7E6 | 216.458  | 220.825   |
| 12) T                       | 2,4,5-T      | 7.648 | 7.328 | 1823.6E6 | 1127.8E6 | 215.413  | 219.785m  |
| 13) T                       | 2,4-DB       | 8.181 | 7.817 | 375.2E6  | 170.0E6  | 299.521  | 246.768m  |
| 14) T                       | DINOSEB      | 9.279 | 8.131 | 211.9E6  | 38717630 | 30.378   | 9.563m#   |
| 15) T                       | Picloram     | 9.110 | 9.074 | 2499.8E6 | 1444.9E6 | 200.649  | 184.465   |
| 16) T                       | DCPA         | 9.550 | 9.032 | 1676.9E6 | 808.5E6  | 153.999  | 114.385 # |
| -----                       |              |       |       |          |          |          |           |

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

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Acq On : 19 Jul 2019 20:42  
Operator : SM\AJ  
Sample : K3835-02MSD  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

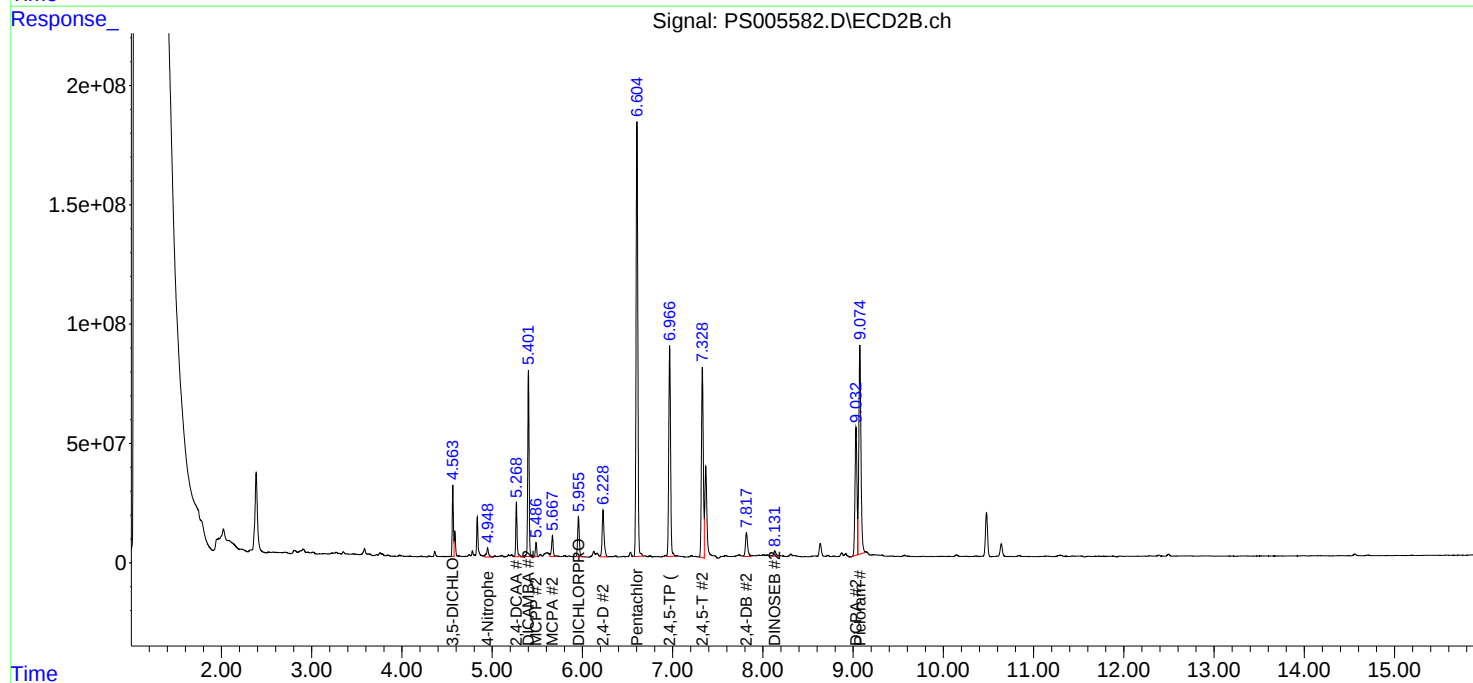
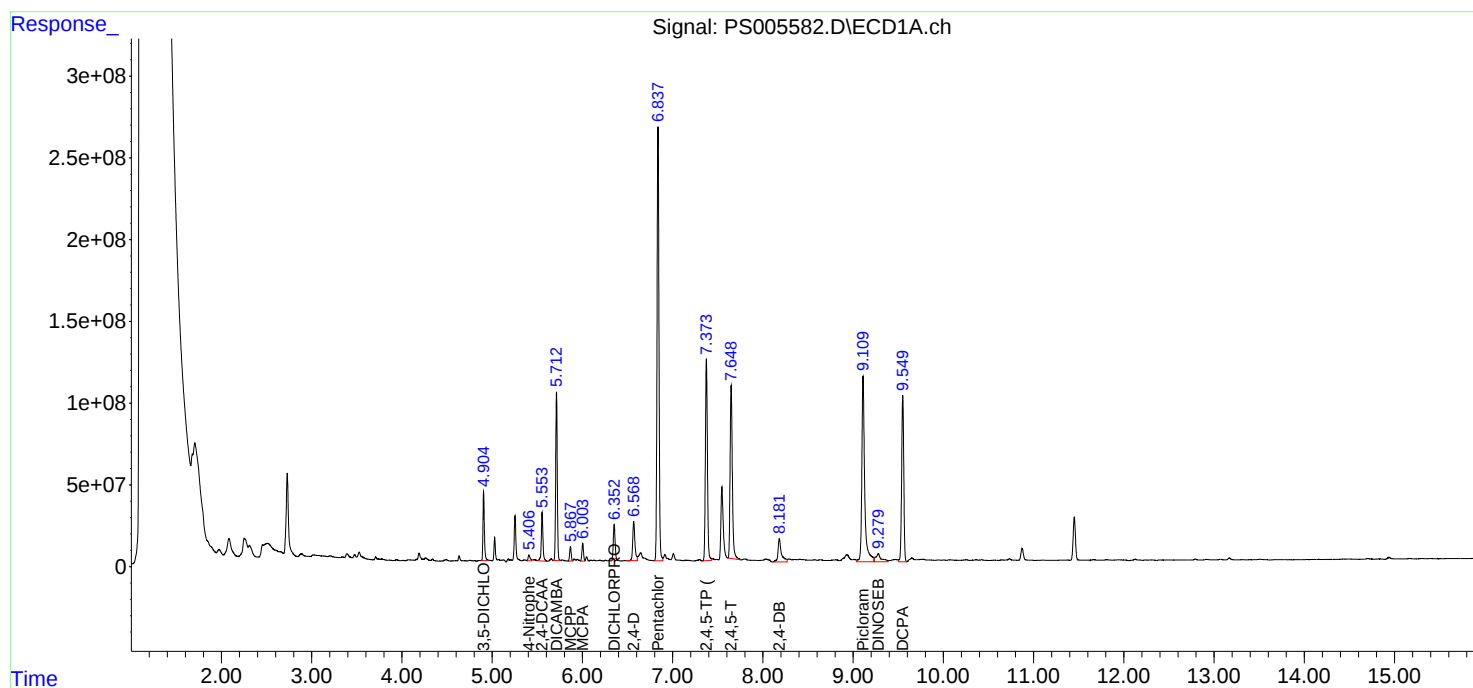
Instrument :  
ECD\_S  
ClientSampled :  
SB-1(7-9)MSD

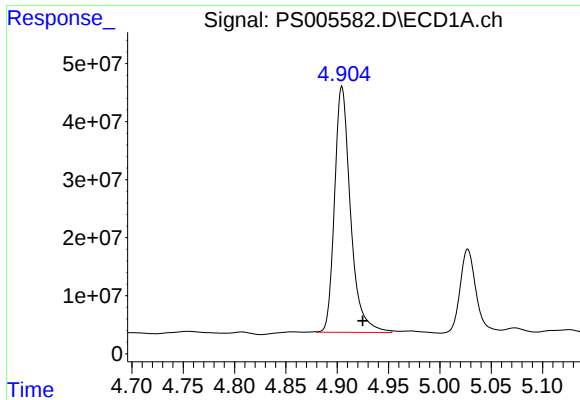
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 20 00:26:10 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS071819.M  
Quant Title : 8080.M  
QLast Update : Fri Jul 19 08:54:13 2019  
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Volume Inj. : 2 µl  
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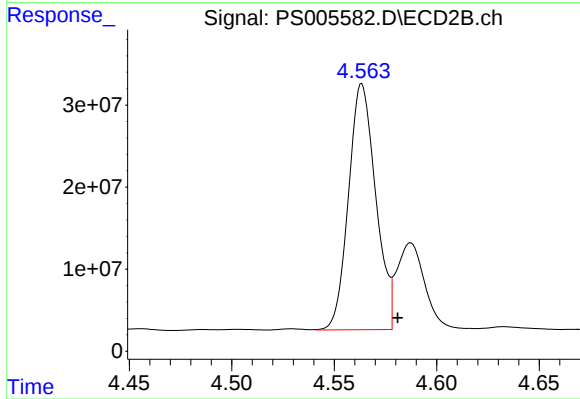
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.904 min  
Delta R.T.: -0.021 min  
Response: 459165667  
Conc: 215.81 ng/ml m

Instrument :  
ECD\_S  
ClientSampleId :  
SB-1(7-9)MSD

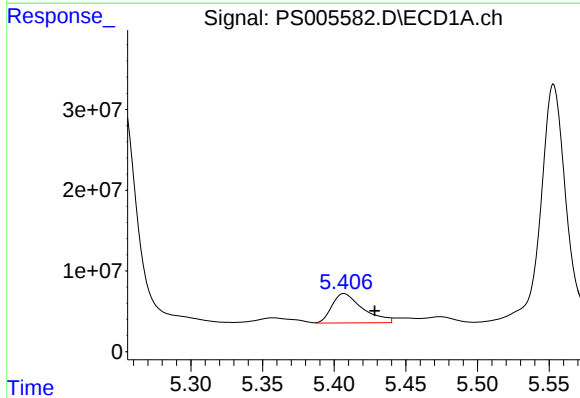
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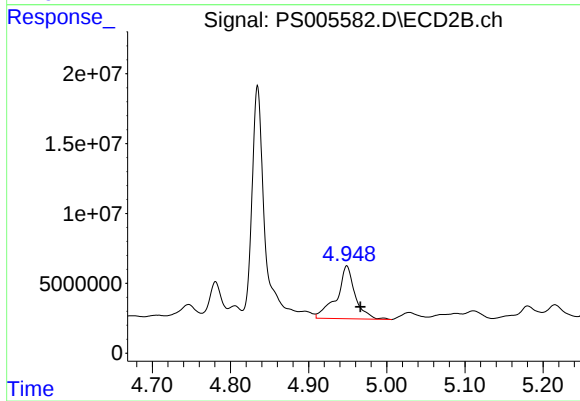
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.563 min  
Delta R.T.: -0.018 min  
Response: 275960605  
Conc: 203.59 ng/ml m



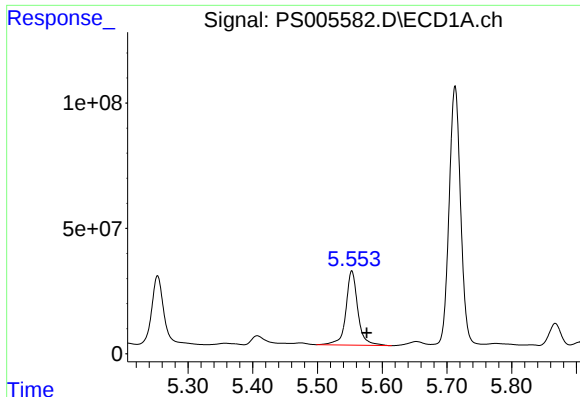
#3 4-Nitrophenol

R.T.: 5.406 min  
Delta R.T.: -0.022 min  
Response: 54969203  
Conc: 76.89 ng/ml m



#3 4-Nitrophenol

R.T.: 4.949 min  
Delta R.T.: -0.017 min  
Response: 62229988  
Conc: 125.58 ng/ml



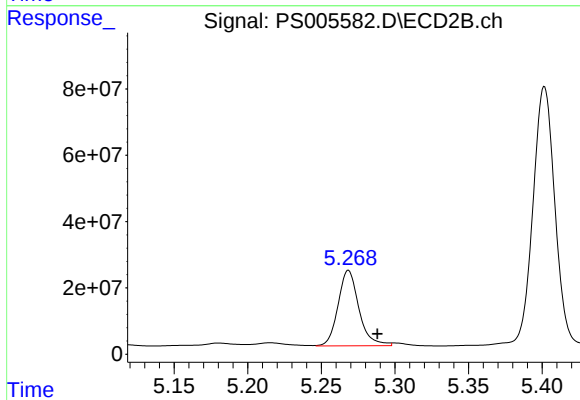
#4 2,4-DCAA

R.T.: 5.553 min  
Delta R.T.: -0.023 min  
Response: 377970000  
Conc: 239.87 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
SB-1(7-9)MSD

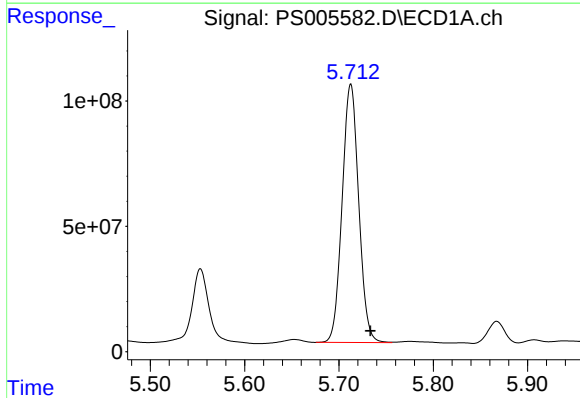
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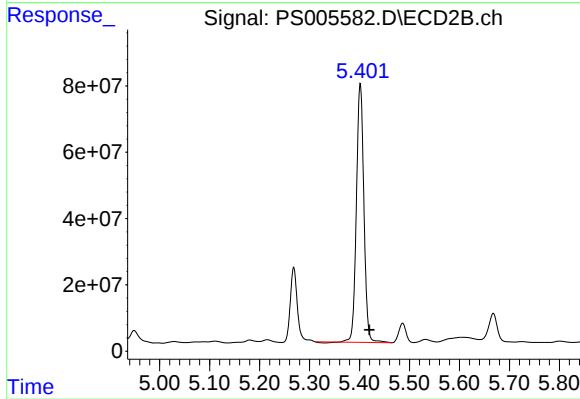
#4 2,4-DCAA

R.T.: 5.268 min  
Delta R.T.: -0.020 min  
Response: 224785331  
Conc: 217.63 ng/ml m



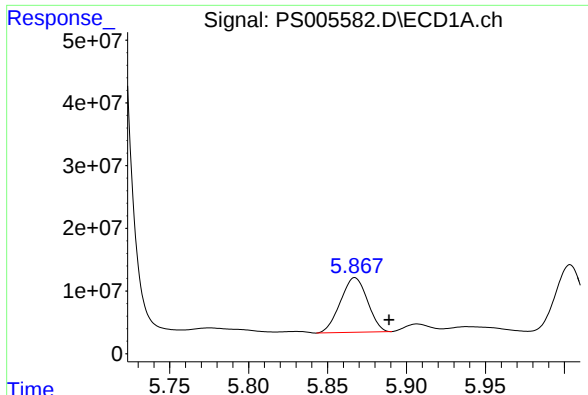
#5 DICAMBA

R.T.: 5.712 min  
Delta R.T.: -0.021 min  
Response: 1259523228  
Conc: 203.63 ng/ml m



#5 DICAMBA

R.T.: 5.402 min  
Delta R.T.: -0.018 min  
Response: 813737836  
Conc: 205.64 ng/ml



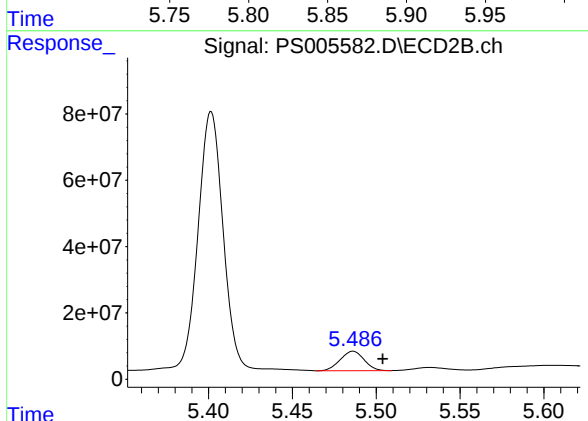
#6 MCP

R.T.: 5.867 min  
Delta R.T.: -0.022 min  
Response: 103658814  
Conc: 21.34 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
SB-1(7-9)MSD

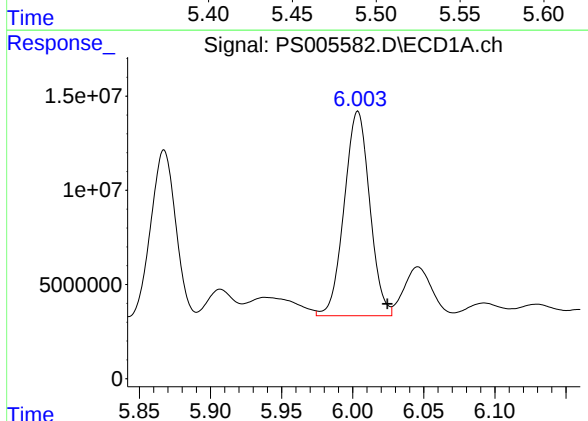
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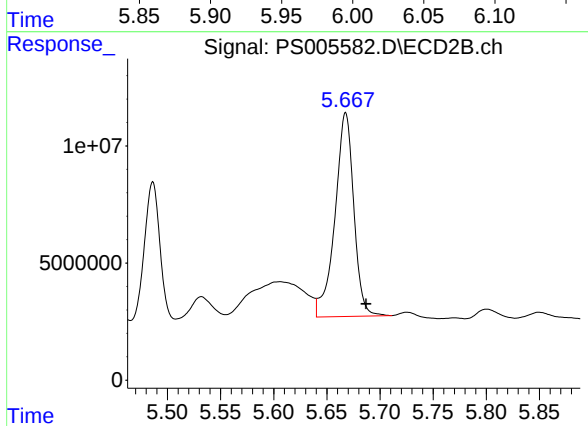
#6 MCP

R.T.: 5.486 min  
Delta R.T.: -0.018 min  
Response: 58442894  
Conc: 20.17 ug/ml



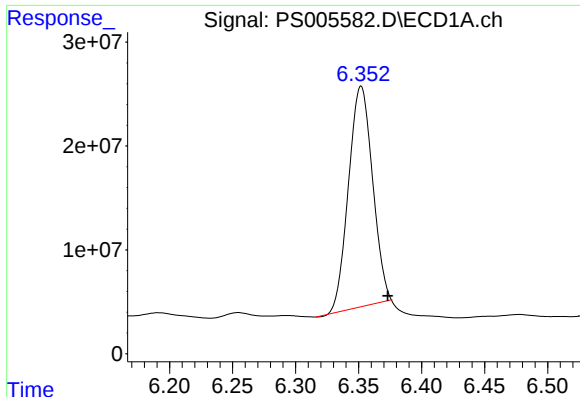
#7 MCPA

R.T.: 6.003 min  
Delta R.T.: -0.021 min  
Response: 135522398  
Conc: 20.05 ug/ml m



#7 MCPA

R.T.: 5.668 min  
Delta R.T.: -0.019 min  
Response: 107317010  
Conc: 24.36 ug/ml



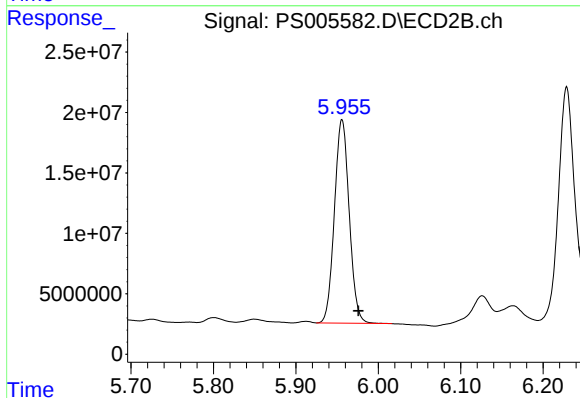
#8 DICHLORPROP

R.T.: 6.352 min  
Delta R.T.: -0.021 min  
Response: 281563944  
Conc: 185.24 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
SB-1(7-9)MSD

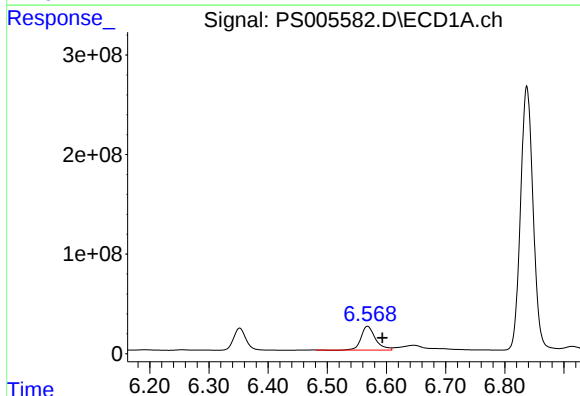
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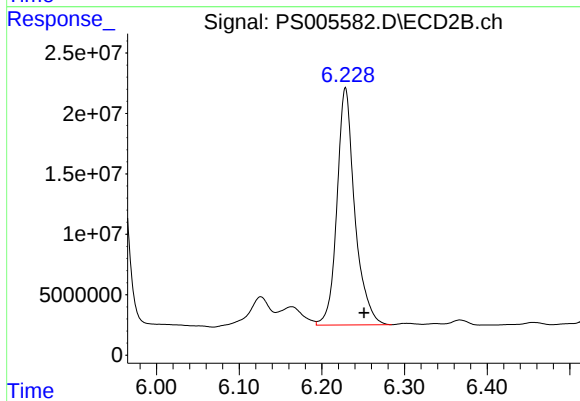
#8 DICHLORPROP

R.T.: 5.956 min  
Delta R.T.: -0.020 min  
Response: 209902614  
Conc: 205.77 ng/ml



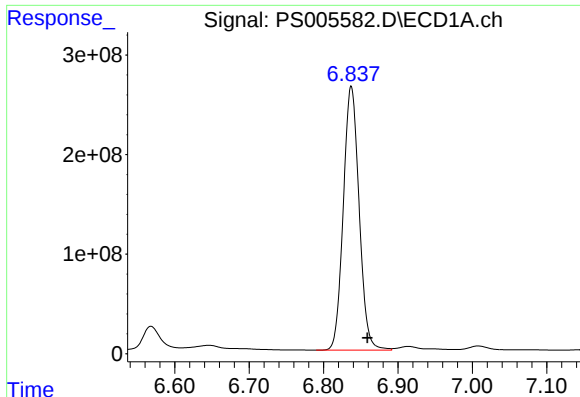
#9 2,4-D

R.T.: 6.568 min  
Delta R.T.: -0.025 min  
Response: 401593215  
Conc: 229.00 ng/ml



#9 2,4-D

R.T.: 6.229 min  
Delta R.T.: -0.022 min  
Response: 293124428  
Conc: 251.03 ng/ml



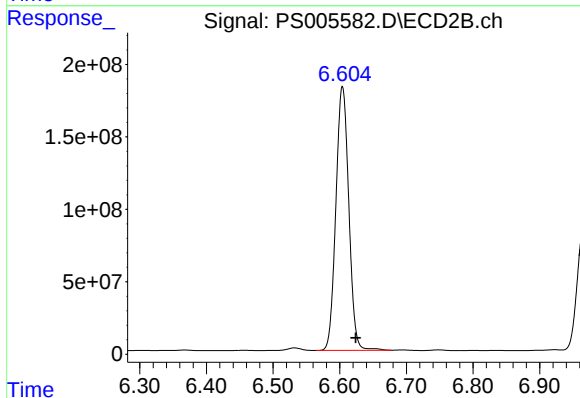
#10 Pentachlorophenol

R.T.: 6.837 min  
Delta R.T.: -0.022 min  
Response: 3915283196  
Conc: 180.83 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
SB-1(7-9)MSD

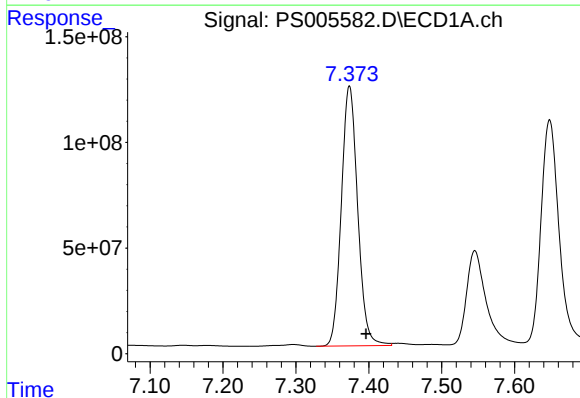
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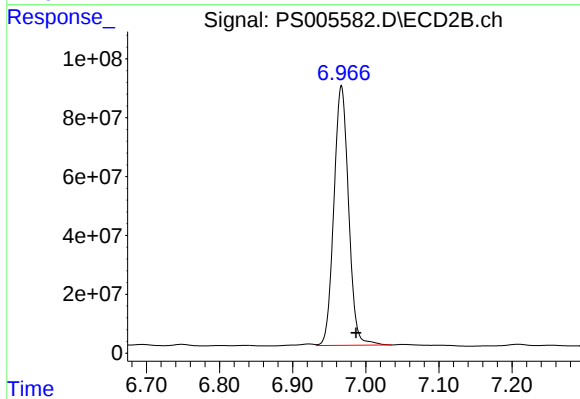
#10 Pentachlorophenol

R.T.: 6.604 min  
Delta R.T.: -0.020 min  
Response: 2454268313  
Conc: 182.46 ng/ml



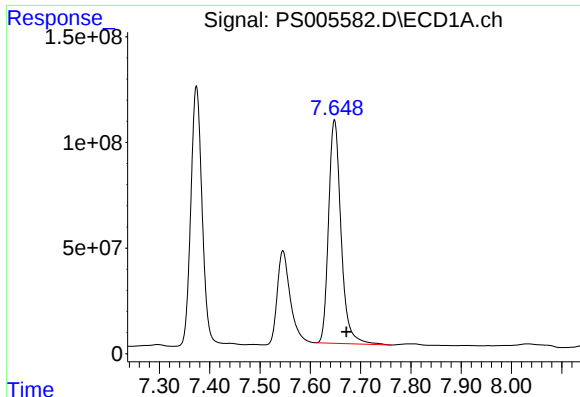
#11 2,4,5-TP (SILVEX)

R.T.: 7.374 min  
Delta R.T.: -0.023 min  
Response: 1915404896  
Conc: 216.46 ng/ml



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

R.T.: 6.967 min  
Delta R.T.: -0.020 min  
Response: 1230745706  
Conc: 220.83 ng/ml



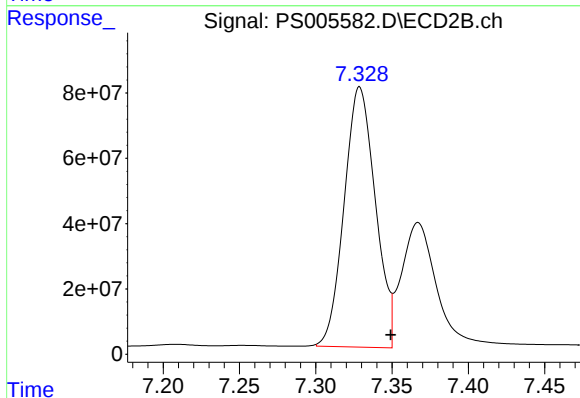
#12 2,4,5-T

R.T.: 7.648 min  
Delta R.T.: -0.024 min  
Response: 1823618771  
Conc: 215.41 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
SB-1(7-9)MSD

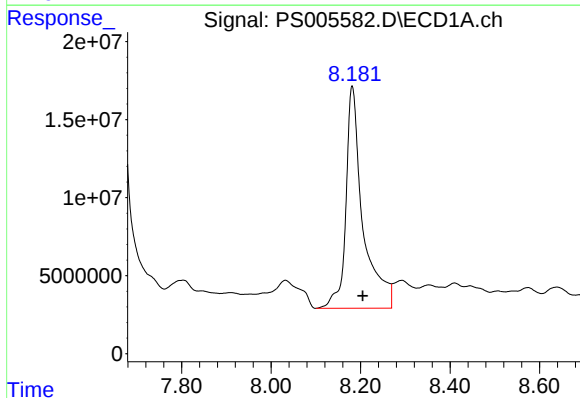
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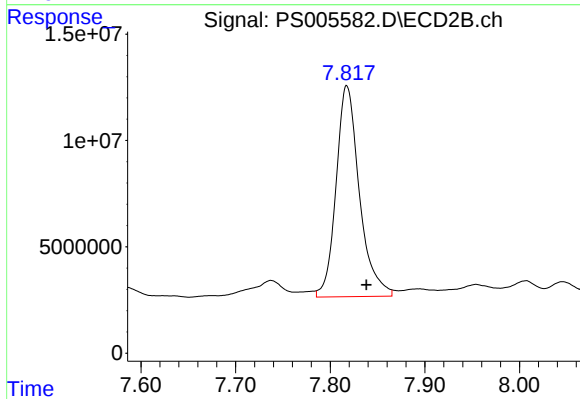
#12 2,4,5-T

R.T.: 7.328 min  
Delta R.T.: -0.021 min  
Response: 1127820071  
Conc: 219.79 ng/ml m



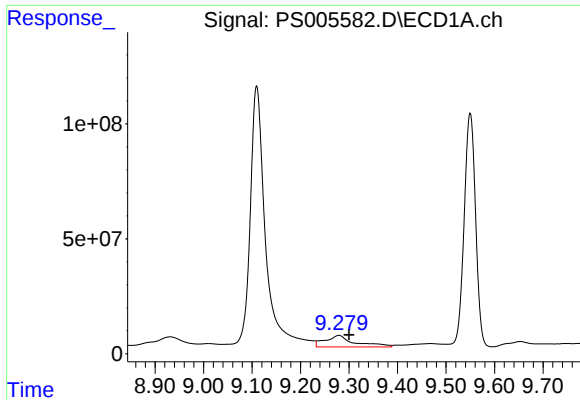
#13 2,4-DB

R.T.: 8.181 min  
Delta R.T.: -0.024 min  
Response: 375208178  
Conc: 299.52 ng/ml



#13 2,4-DB

R.T.: 7.817 min  
Delta R.T.: -0.022 min  
Response: 170012248  
Conc: 246.77 ng/ml m



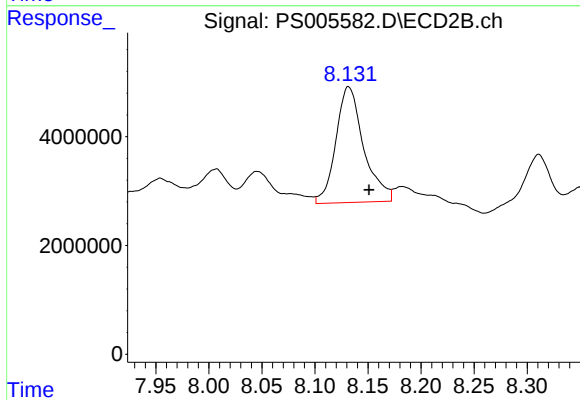
#14 DINOSEB

R.T.: 9.279 min  
Delta R.T.: -0.022 min  
Response: 211896998  
Conc: 30.38 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
SB-1(7-9)MSD

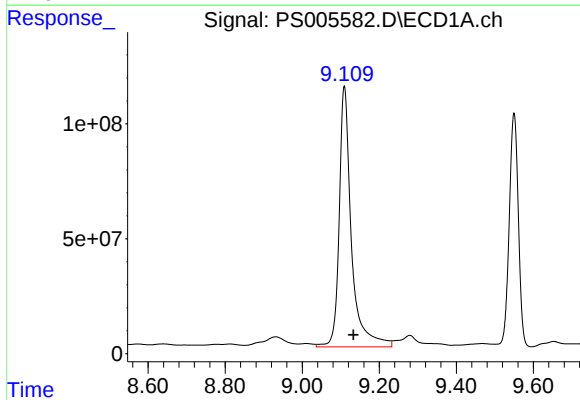
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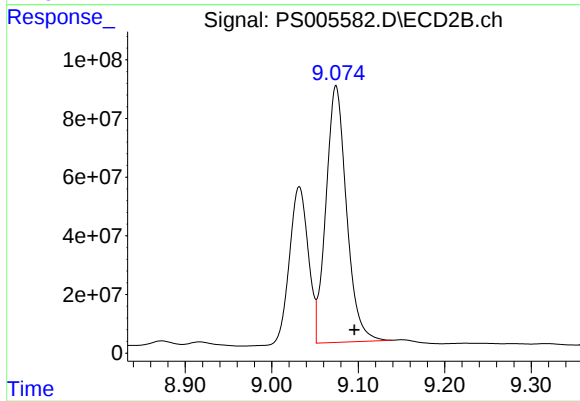
#14 DINOSEB

R.T.: 8.131 min  
Delta R.T.: -0.020 min  
Response: 38717630  
Conc: 9.56 ng/ml m



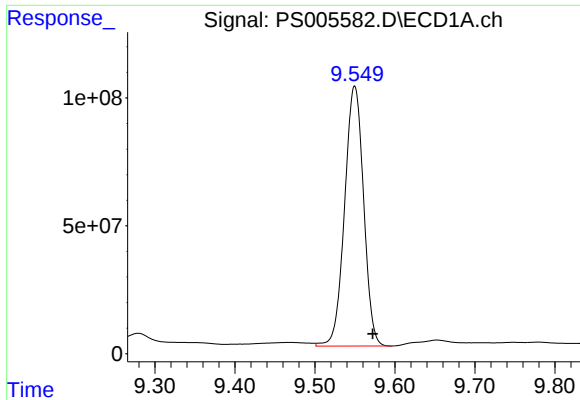
#15 Picloram

R.T.: 9.110 min  
Delta R.T.: -0.024 min  
Response: 2499807745  
Conc: 200.65 ng/ml



#15 Picloram

R.T.: 9.074 min  
Delta R.T.: -0.021 min  
Response: 1444890805  
Conc: 184.46 ng/ml



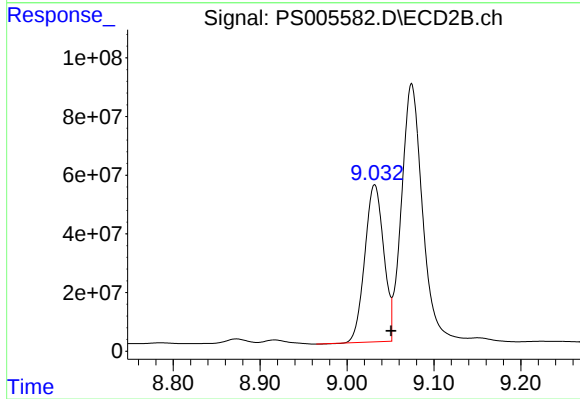
#16 DCPA

R.T.: 9.550 min  
Delta R.T.: -0.022 min  
Response: 1676928241  
Conc: 154.00 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
SB-1(7-9)MSD

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#16 DCPA

R.T.: 9.032 min  
Delta R.T.: -0.019 min  
Response: 808530902  
Conc: 114.38 ng/ml