

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS080119\  
 Data File : PS005813.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Aug 2019 10:27  
 Operator : SM\AJ  
 Sample : K4021-04MSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 TP-10MSD

Manual Integrations  
 APPROVED

mohammad  
 8/2/2019 12:15:08 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 02 02:05:40 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS072619.M  
 Quant Title : 8080.M  
 QLast Update : Sat Jul 27 00:42:55 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     | 5.559 | 5.278 | 501.9E6  | 350.5E6  | 345.966 | 352.356   |
| Target Compounds            |              |       |       |          |          |         |           |
| 2) T                        | 3,5-DICHL... | 4.912 | 4.574 | 834.1E6  | 520.4E6  | 402.121 | 401.171   |
| 5) T                        | DICAMBA      | 5.716 | 5.410 | 2515.6E6 | 1583.7E6 | 421.201 | 424.247   |
| 6) T                        | MCP          | 5.872 | 5.496 | 213.3E6  | 121.6E6  | 46.044  | 42.677    |
| 7) T                        | MCPA         | 6.008 | 5.679 | 314.2E6  | 193.9E6  | 48.148  | 46.071m   |
| 8) T                        | DICHLORPROP  | 6.353 | 5.962 | 677.7E6  | 420.6E6  | 471.260 | 455.483m  |
| 9) T                        | 2,4-D        | 6.569 | 6.234 | 922.3E6  | 590.2E6  | 615.382 | 549.364   |
| 10) T                       | Pentachlo... | 6.838 | 6.609 | 6538.0E6 | 4047.6E6 | 312.730 | 311.760   |
| 11) T                       | 2,4,5-TP ... | 7.372 | 6.971 | 4224.0E6 | 3756.1E6 | 511.256 | 724.094 # |
| 12) T                       | 2,4,5-T      | 7.647 | 7.333 | 3989.2E6 | 2378.9E6 | 477.931 | 500.440   |
| 13) T                       | 2,4-DB       | 8.179 | 7.821 | 484.4E6  | 316.4E6  | 458.723 | 487.505   |
| 14) T                       | DINOSEB      | 9.274 | 8.134 | 1441.7E6 | 791.3E6  | 222.022 | 212.643   |
| 15) T                       | Picloram     | 9.107 | 9.076 | 4499.5E6 | 2892.0E6 | 384.412 | 384.970   |
| 16) T                       | DCPA         | 9.546 | 9.033 | 3107.5E6 | 2000.4E6 | 305.591 | 303.363   |
| -----                       |              |       |       |          |          |         |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS080119\  
Data File : PS005813.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Aug 2019 10:27  
Operator : SM\AJ  
Sample : K4021-04MSD  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

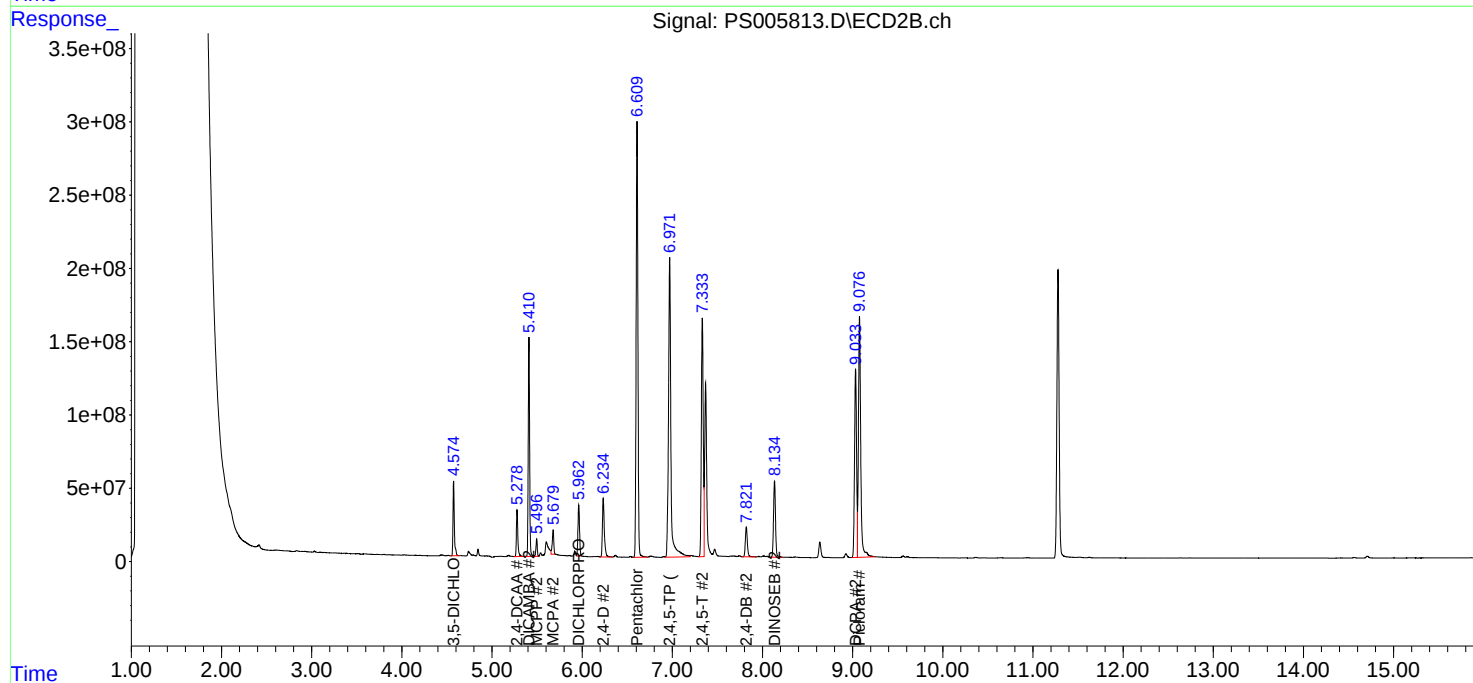
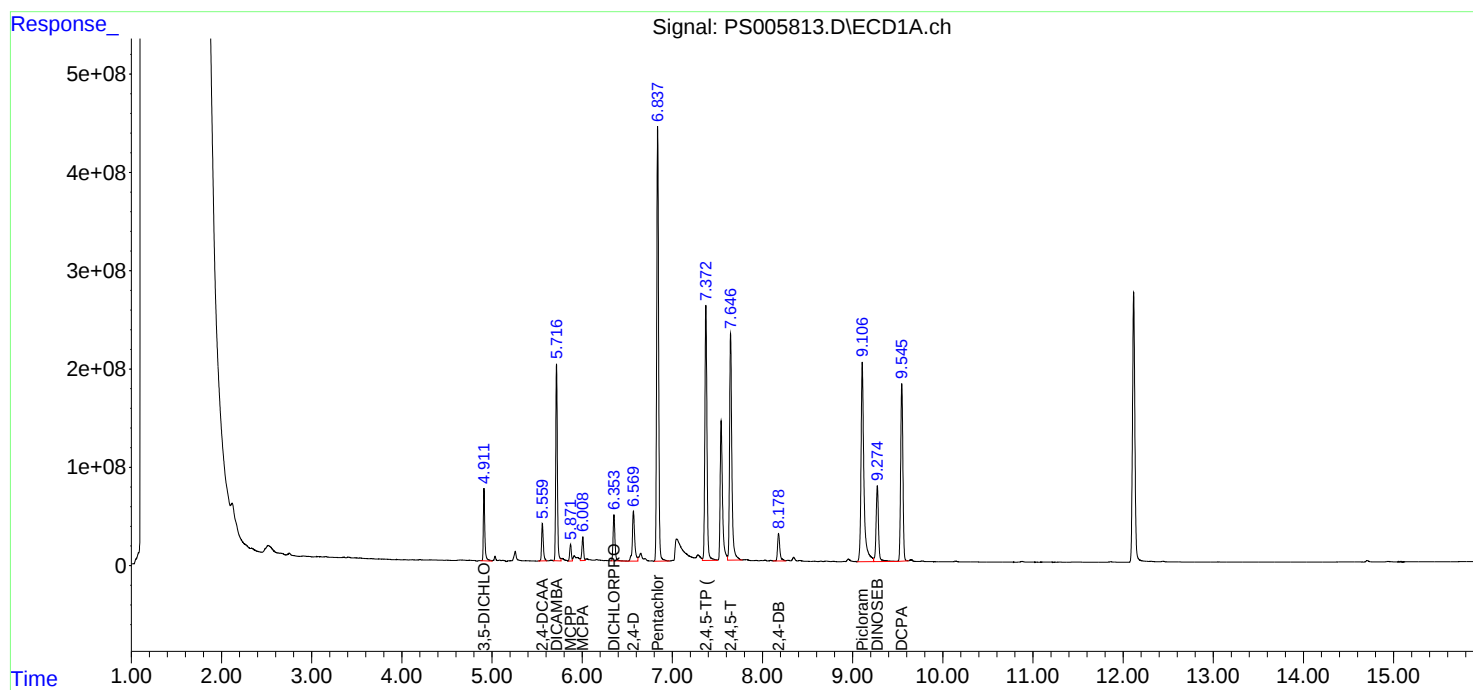
Instrument :  
ECD\_S  
ClientSampled :  
TP-10MSD

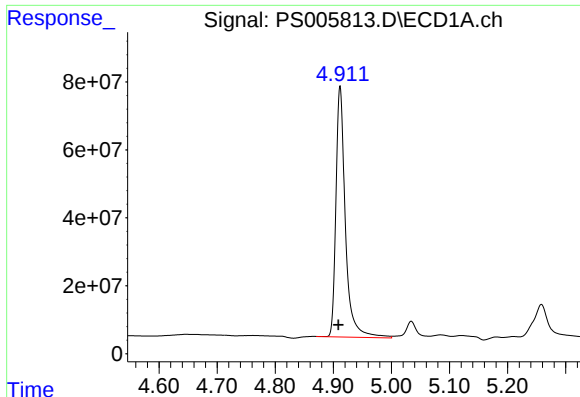
Manual Integrations  
APPROVED

mohammad  
8/2/2019 12:15:08 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 02 02:05:40 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS072619.M  
Quant Title : 8080.M  
QLast Update : Sat Jul 27 00:42:55 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





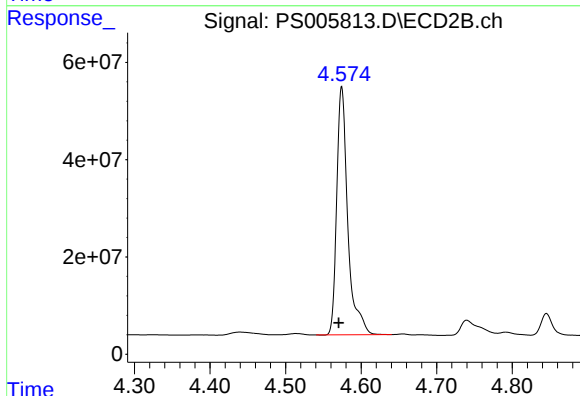
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.912 min  
Delta R.T.: 0.003 min  
Response: 834063688  
Conc: 402.12 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-10MSD

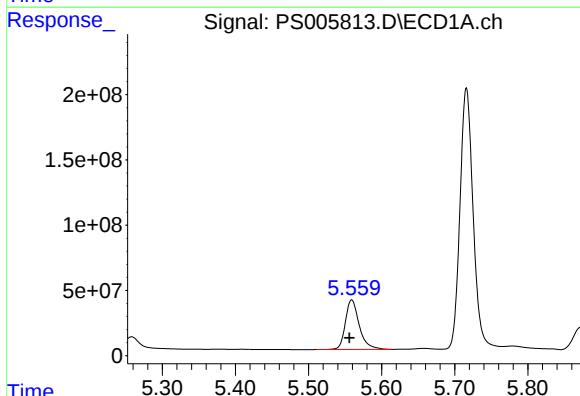
Manual Integrations  
APPROVED

mohammad  
8/2/2019 12:15:08 PM



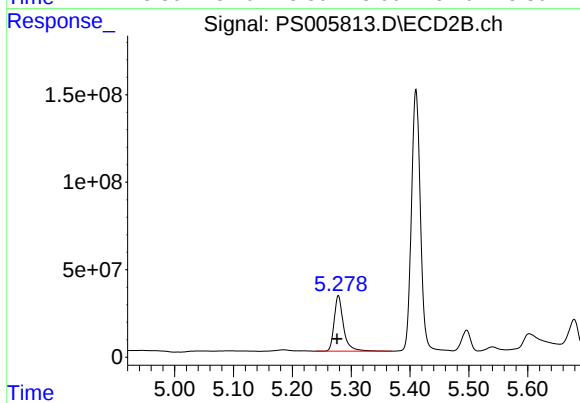
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.574 min  
Delta R.T.: 0.004 min  
Response: 520445187  
Conc: 401.17 ng/ml



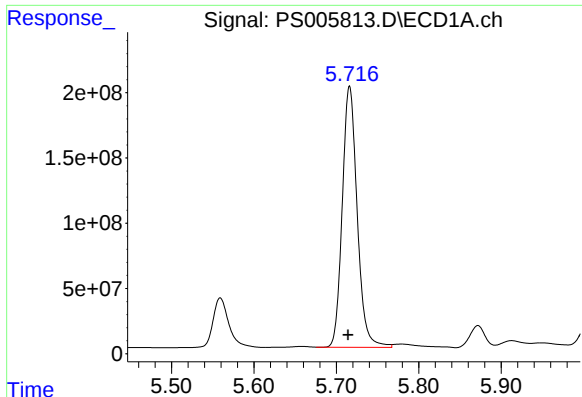
#4 2,4-DCAA

R.T.: 5.559 min  
Delta R.T.: 0.003 min  
Response: 501933713  
Conc: 345.97 ng/ml



#4 2,4-DCAA

R.T.: 5.278 min  
Delta R.T.: 0.003 min  
Response: 350481052  
Conc: 352.36 ng/ml



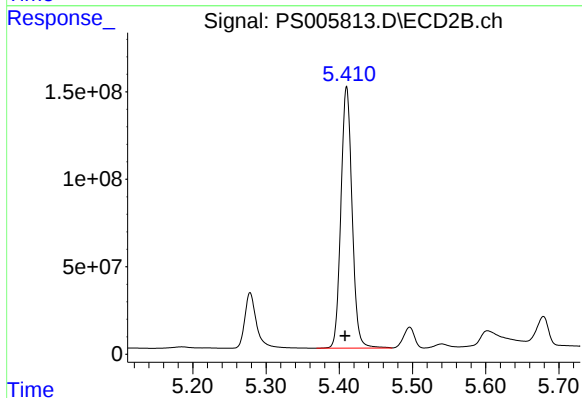
#5 DICAMBA

R.T.: 5.716 min  
Delta R.T.: 0.002 min  
Response: 2515608827  
Conc: 421.20 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-10MSD

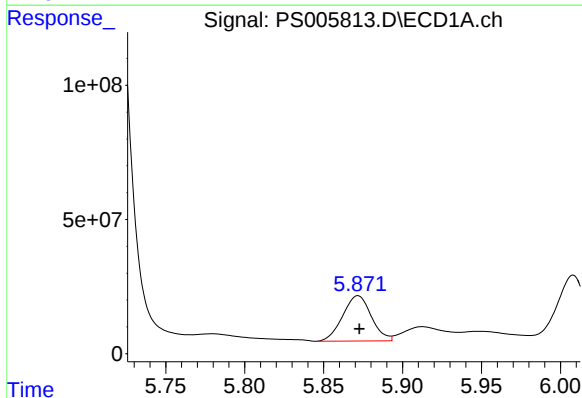
Manual Integrations  
APPROVED

mohammad  
8/2/2019 12:15:08 PM



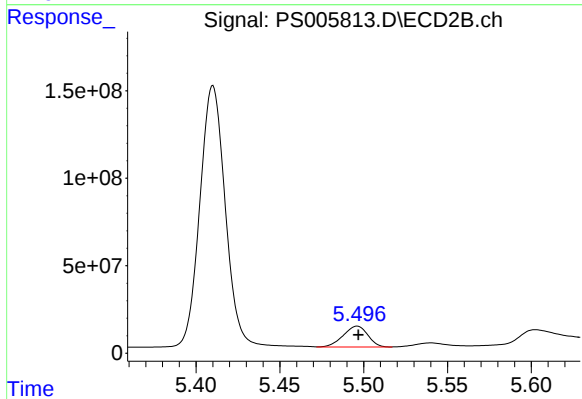
#5 DICAMBA

R.T.: 5.410 min  
Delta R.T.: 0.002 min  
Response: 1583736573  
Conc: 424.25 ng/ml



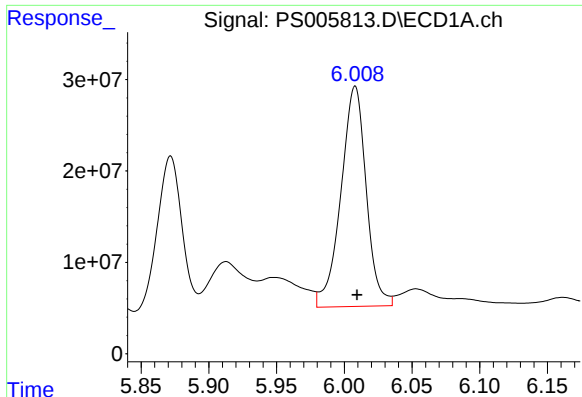
#6 MCP

R.T.: 5.872 min  
Delta R.T.: 0.000 min  
Response: 213339959  
Conc: 46.04 ug/ml



#6 MCP

R.T.: 5.496 min  
Delta R.T.: 0.000 min  
Response: 121552643  
Conc: 42.68 ug/ml



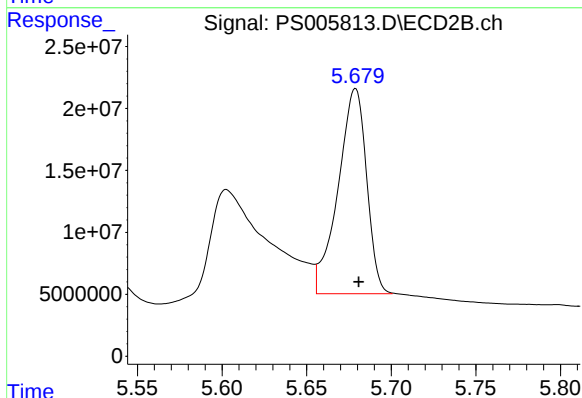
#7 MCPA

R.T.: 6.008 min  
Delta R.T.: -0.001 min  
Response: 314193657  
Conc: 48.15 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-10MSD

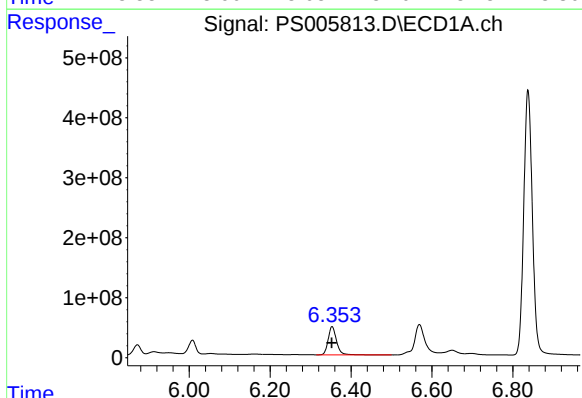
Manual Integrations  
APPROVED

mohammad  
8/2/2019 12:15:08 PM



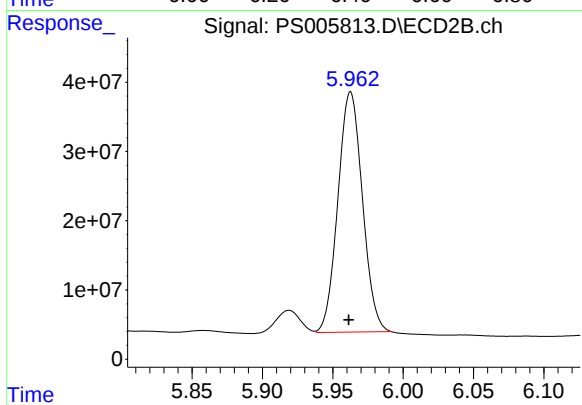
#7 MCPA

R.T.: 5.679 min  
Delta R.T.: -0.002 min  
Response: 193912768  
Conc: 46.07 ug/ml m



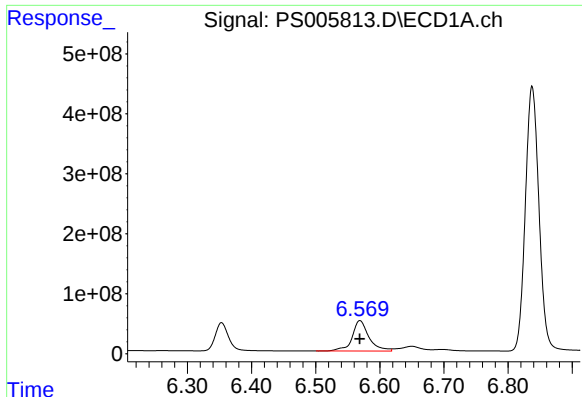
#8 DICHLORPROP

R.T.: 6.353 min  
Delta R.T.: 0.001 min  
Response: 677701786  
Conc: 471.26 ng/ml



#8 DICHLORPROP

R.T.: 5.962 min  
Delta R.T.: 0.001 min  
Response: 420648368  
Conc: 455.48 ng/ml m



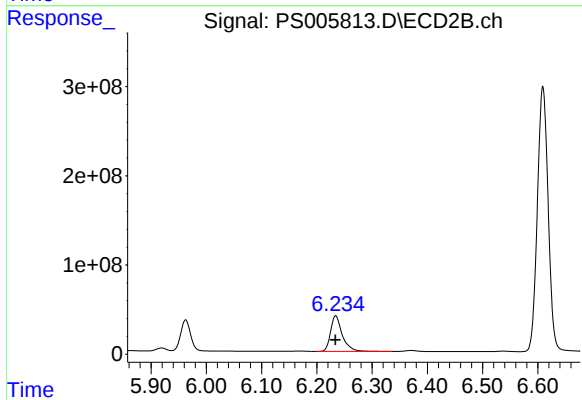
#9 2,4-D

R.T.: 6.569 min  
Delta R.T.: 0.000 min  
Response: 922253772  
Conc: 615.38 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-10MSD

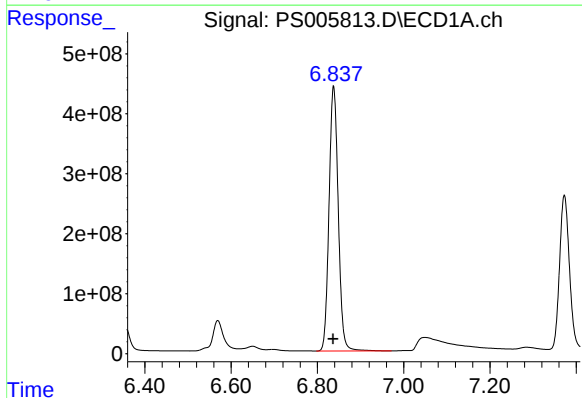
Manual Integrations  
APPROVED

mohammad  
8/2/2019 12:15:08 PM



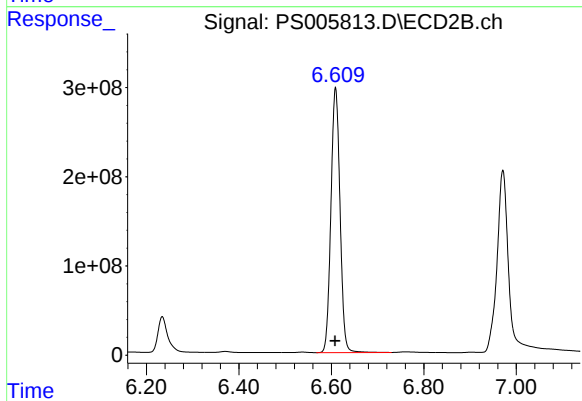
#9 2,4-D

R.T.: 6.234 min  
Delta R.T.: 0.000 min  
Response: 590180836  
Conc: 549.36 ng/ml



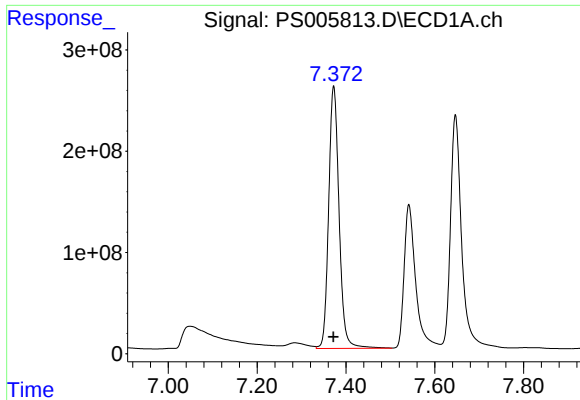
#10 Pentachlorophenol

R.T.: 6.838 min  
Delta R.T.: 0.000 min  
Response: 6537987429  
Conc: 312.73 ng/ml



#10 Pentachlorophenol

R.T.: 6.609 min  
Delta R.T.: 0.000 min  
Response: 4047551662  
Conc: 311.76 ng/ml



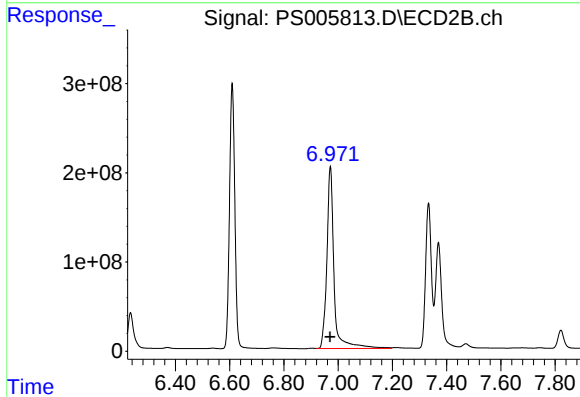
#11 2,4,5-TP (SILVEX)

R.T.: 7.372 min  
Delta R.T.: 0.000 min  
Response: 4223978281  
Conc: 511.26 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-10MSD

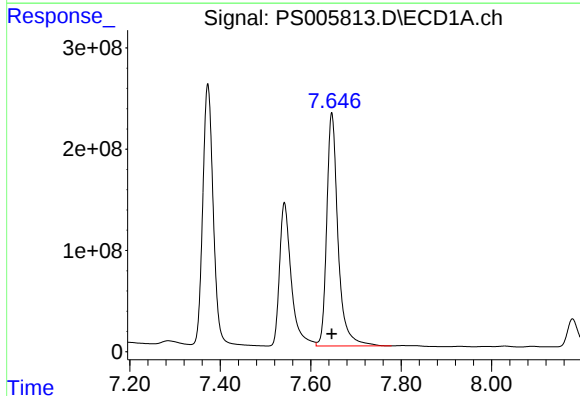
Manual Integrations  
APPROVED

mohammad  
8/2/2019 12:15:08 PM



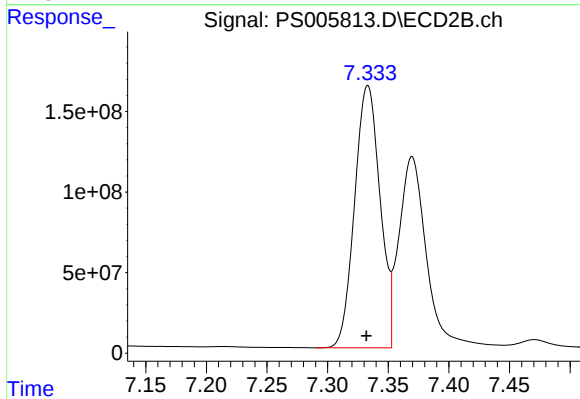
#11 2,4,5-TP (SILVEX)

R.T.: 6.971 min  
Delta R.T.: 0.000 min  
Response: 3756097442  
Conc: 724.09 ng/ml



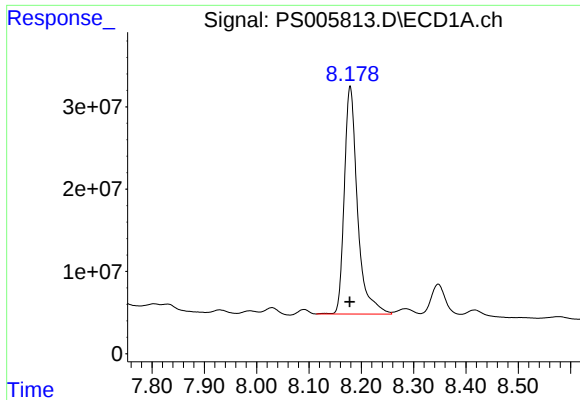
#12 2,4,5-T

R.T.: 7.647 min  
Delta R.T.: 0.000 min  
Response: 3989161319  
Conc: 477.93 ng/ml



#12 2,4,5-T

R.T.: 7.333 min  
Delta R.T.: 0.001 min  
Response: 2378948950  
Conc: 500.44 ng/ml



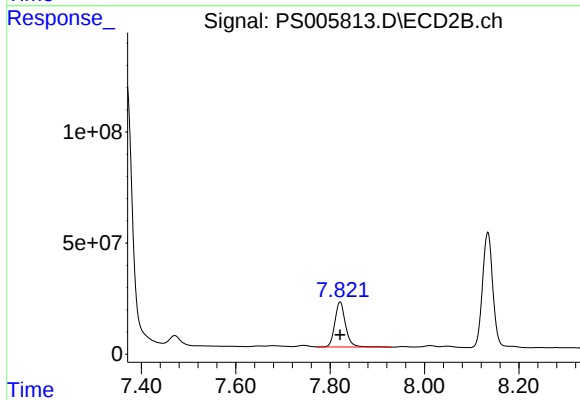
#13 2,4-DB

R.T.: 8.179 min  
Delta R.T.: 0.000 min  
Response: 484371668  
Conc: 458.72 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-10MSD

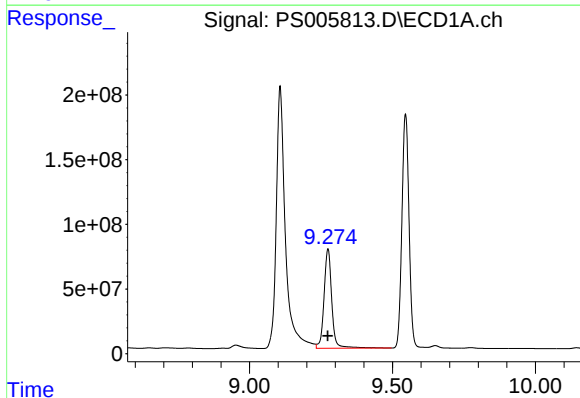
Manual Integrations  
APPROVED

mohammad  
8/2/2019 12:15:08 PM



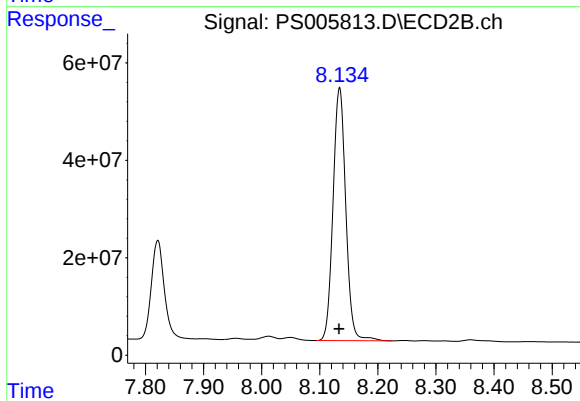
#13 2,4-DB

R.T.: 7.821 min  
Delta R.T.: 0.000 min  
Response: 316449802  
Conc: 487.51 ng/ml



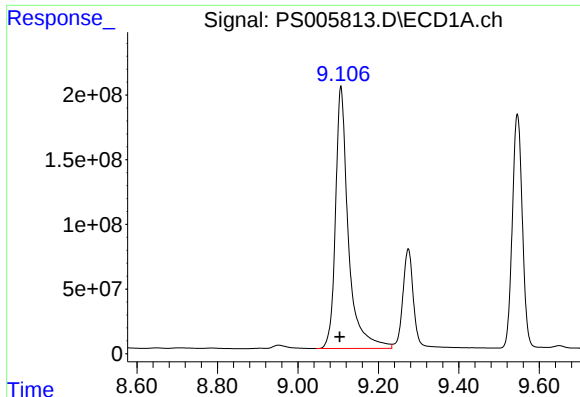
#14 DINOSEB

R.T.: 9.274 min  
Delta R.T.: 0.000 min  
Response: 1441655844  
Conc: 222.02 ng/ml



#14 DINOSEB

R.T.: 8.134 min  
Delta R.T.: 0.000 min  
Response: 791305097  
Conc: 212.64 ng/ml



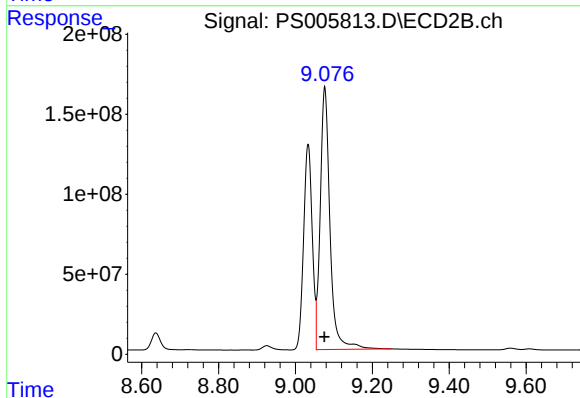
#15 Picloram

R.T.: 9.107 min  
Delta R.T.: 0.003 min  
Response: 4499546880  
Conc: 384.41 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-10MSD

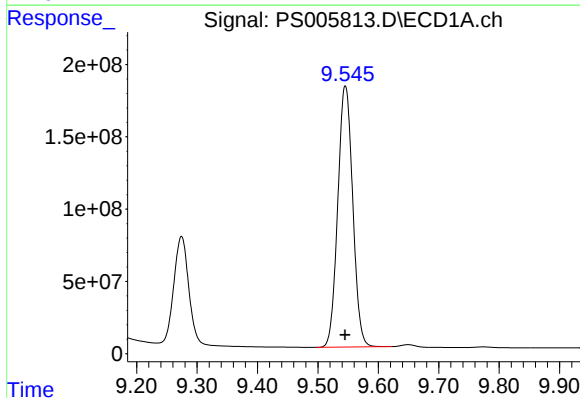
Manual Integrations  
APPROVED

mohammad  
8/2/2019 12:15:08 PM



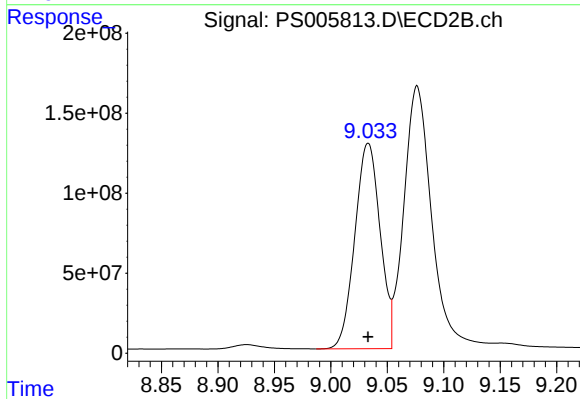
#15 Picloram

R.T.: 9.076 min  
Delta R.T.: 0.001 min  
Response: 2891965915  
Conc: 384.97 ng/ml



#16 DCPA

R.T.: 9.546 min  
Delta R.T.: 0.000 min  
Response: 3107466996  
Conc: 305.59 ng/ml



#16 DCPA

R.T.: 9.033 min  
Delta R.T.: 0.000 min  
Response: 2000384178  
Conc: 303.36 ng/ml