

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS120219\  
 Data File : PS007888.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Dec 2019 18:45  
 Operator : SM\AJ  
 Sample : K5676-38MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 SU-01-112719MSD

Manual Integrations  
 APPROVED

mohammad  
 12/3/2019 1:34:27 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 03 02:28:57 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS110619.M  
 Quant Title : 8080.M  
 QLast Update : Wed Nov 06 02:45:11 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     | 5.458 | 5.181 | 574.7E6  | 272.6E6  | 417.287 | 387.992   |
| Target Compounds            |              |       |       |          |          |         |           |
| 1) T                        | Dalapon      | 2.036 | 1.749 | 910.9E6  | 757.8E6  | 503.490 | 638.188 # |
| 2) T                        | 3,5-DICHL... | 4.831 | 4.490 | 1006.4E6 | 428.1E6  | 564.068 | 473.890m  |
| 5) T                        | DICAMBA      | 5.604 | 5.304 | 2752.1E6 | 1339.6E6 | 540.958 | 506.208   |
| 6) T                        | MCPD         | 5.753 | 5.387 | 225.5E6  | 102.5E6  | 59.159  | 52.776    |
| 7) T                        | MCPA         | 5.884 | 5.560 | 304.0E6  | 214.6E6  | 55.237  | 71.413 #  |
| 8) T                        | DICHLORPROP  | 6.227 | 5.832 | 749.4E6  | 361.0E6  | 592.909 | 550.538   |
| 9) T                        | 2,4-D        | 6.442 | 6.101 | 921.7E6  | 476.9E6  | 657.172 | 591.382   |
| 10) T                       | Pentachlo... | 6.697 | 6.463 | 8816.6E6 | 4203.7E6 | 465.232 | 429.280   |
| 11) T                       | 2,4,5-TP ... | 7.230 | 6.824 | 5025.1E6 | 2252.0E6 | 668.676 | 575.088m  |
| 12) T                       | 2,4,5-T      | 7.501 | 7.184 | 4686.9E6 | 2109.0E6 | 572.547 | 571.096   |
| 13) T                       | 2,4-DB       | 8.029 | 7.668 | 550.0E6  | 334.3E6  | 514.317 | 683.754 # |
| 14) T                       | DINOSEB      | 9.108 | 7.975 | 2027.5E6 | 883.1E6  | 337.602 | 303.769   |
| 15) T                       | Picloram     | 8.949 | 8.911 | 5117.0E6 | 2562.3E6 | 460.857 | 437.332m  |
| 16) T                       | DCPA         | 9.382 | 8.866 | 3911.6E6 | 1851.6E6 | 398.810 | 354.360   |
| -----                       |              |       |       |          |          |         |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS120219\  
Data File : PS007888.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Dec 2019 18:45  
Operator : SM\AJ  
Sample : K5676-38MSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

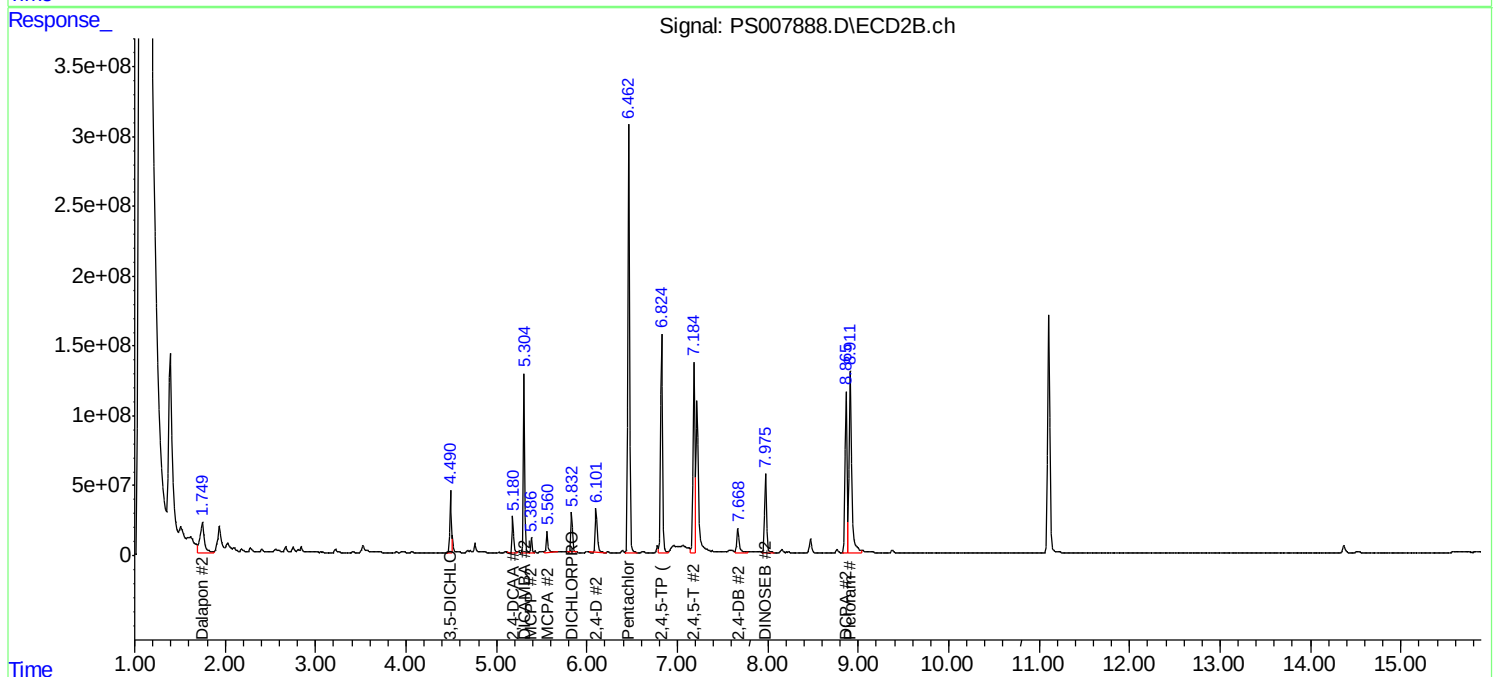
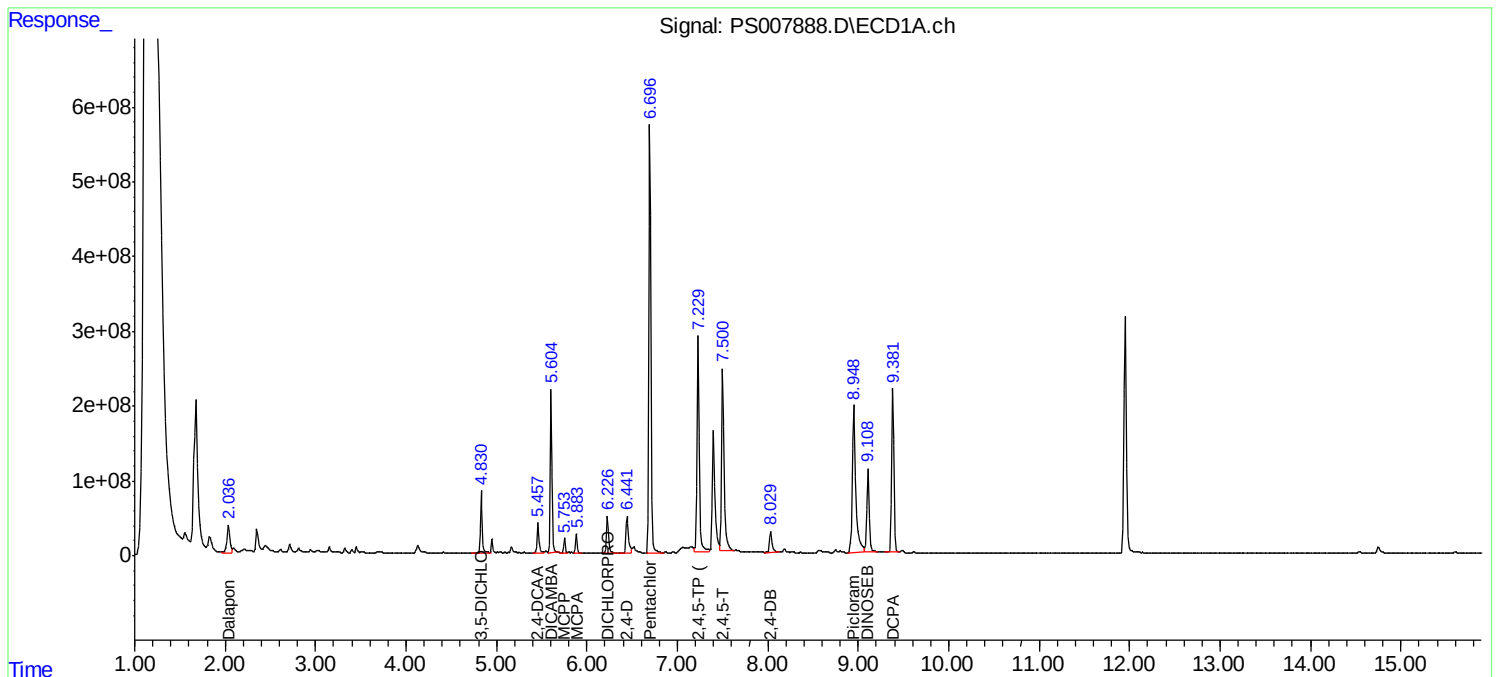
Instrument :  
ECD\_S  
ClientSampleId :  
SU-01-112719MSD

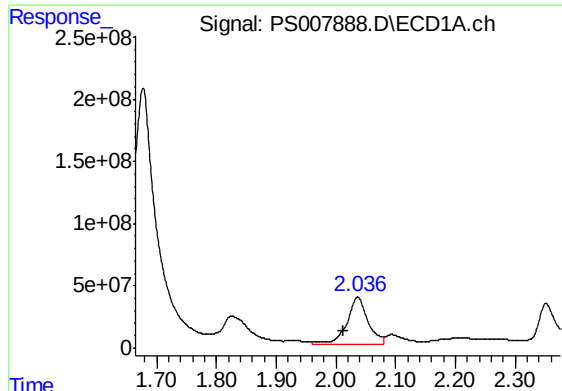
Manual Integrations  
APPROVED

mohammad  
12/3/2019 1:34:27 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 03 02:28:57 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS110619.M  
Quant Title : 8080.M  
QLast Update : Wed Nov 06 02:45:11 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





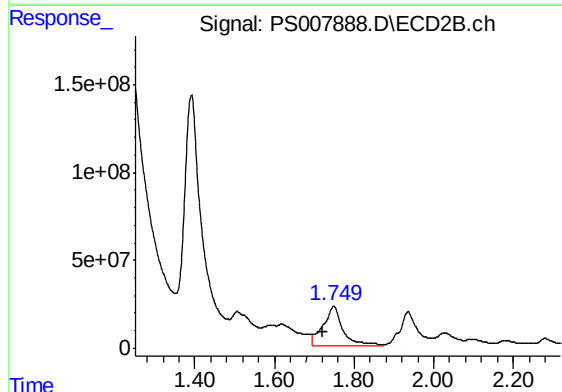
#1 Dalapon

R.T.: 2.036 min  
Delta R.T.: 0.024 min  
Response: 910904192  
Conc: 503.49 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
SU-01-112719MSD

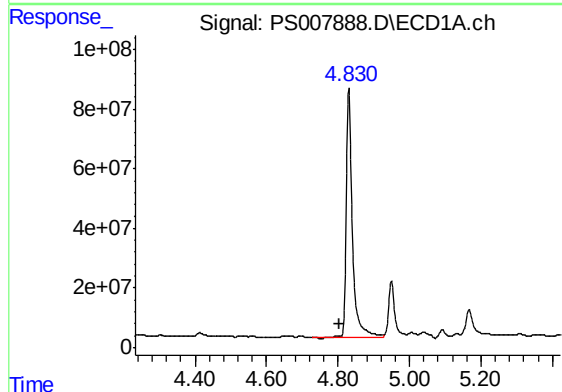
Manual Integrations  
APPROVED

mohammad  
12/3/2019 1:34:27 PM



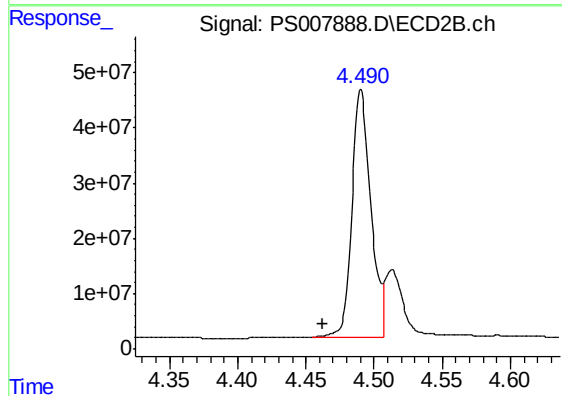
#1 Dalapon

R.T.: 1.749 min  
Delta R.T.: 0.026 min  
Response: 757786590  
Conc: 638.19 ng/ml



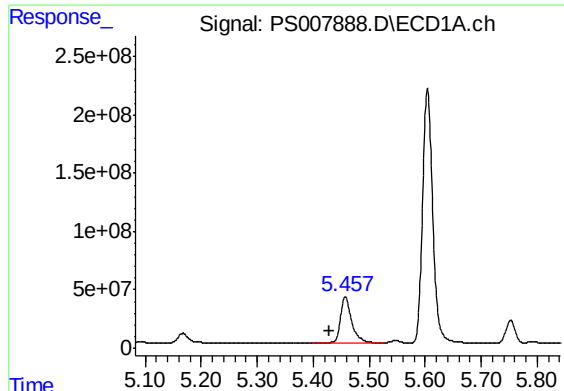
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.831 min  
Delta R.T.: 0.026 min  
Response: 1006354278  
Conc: 564.07 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.490 min  
Delta R.T.: 0.028 min  
Response: 428126512  
Conc: 473.89 ng/ml m



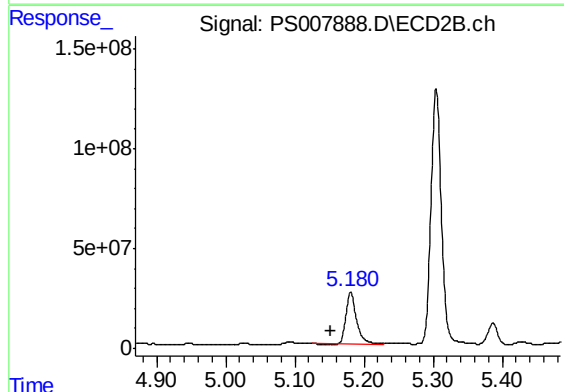
#4 2,4-DCAA

R.T.: 5.458 min  
Delta R.T.: 0.029 min  
Response: 574681389  
Conc: 417.29 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
SU-01-112719MSD

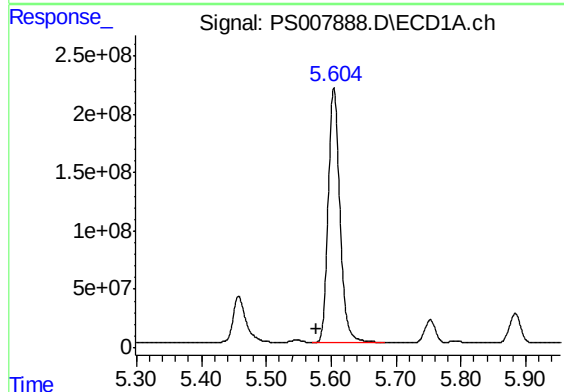
Manual Integrations  
APPROVED

mohammad  
12/3/2019 1:34:27 PM



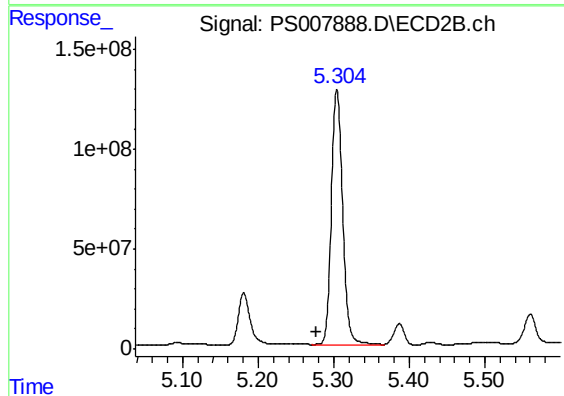
#4 2,4-DCAA

R.T.: 5.181 min  
Delta R.T.: 0.030 min  
Response: 272589594  
Conc: 387.99 ng/ml



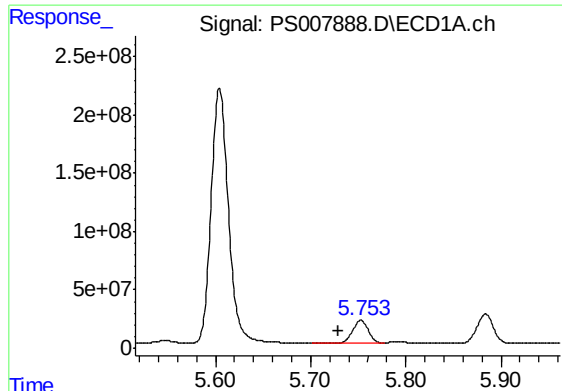
#5 DICAMBA

R.T.: 5.604 min  
Delta R.T.: 0.027 min  
Response: 2752067283  
Conc: 540.96 ng/ml



#5 DICAMBA

R.T.: 5.304 min  
Delta R.T.: 0.027 min  
Response: 1339598266  
Conc: 506.21 ng/ml



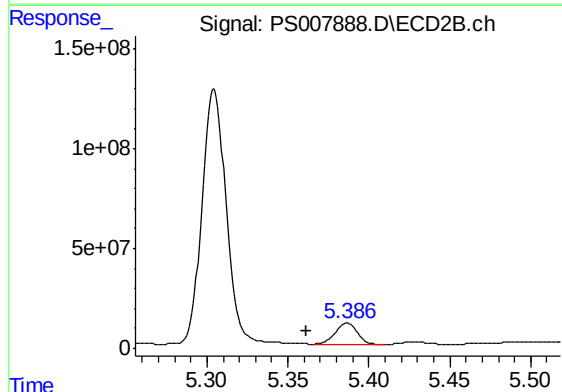
#6 MCPP

R.T.: 5.753 min  
Delta R.T.: 0.024 min  
Response: 225454849  
Conc: 59.16 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
SU-01-112719MSD

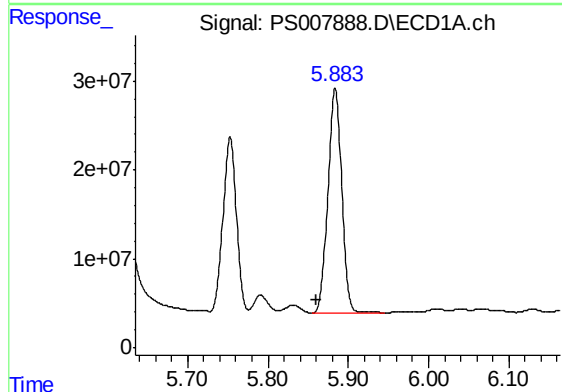
Manual Integrations  
APPROVED

mohammad  
12/3/2019 1:34:27 PM



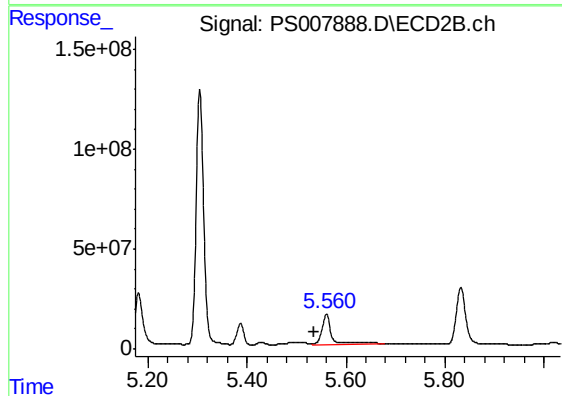
#6 MCPP

R.T.: 5.387 min  
Delta R.T.: 0.026 min  
Response: 102528151  
Conc: 52.78 ug/ml



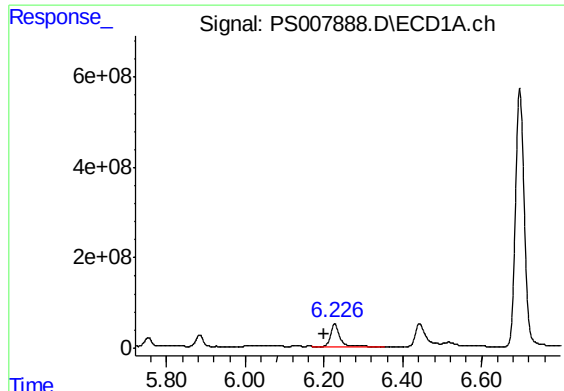
#7 MCPA

R.T.: 5.884 min  
Delta R.T.: 0.024 min  
Response: 304040711  
Conc: 55.24 ug/ml



#7 MCPA

R.T.: 5.560 min  
Delta R.T.: 0.025 min  
Response: 214646744  
Conc: 71.41 ug/ml



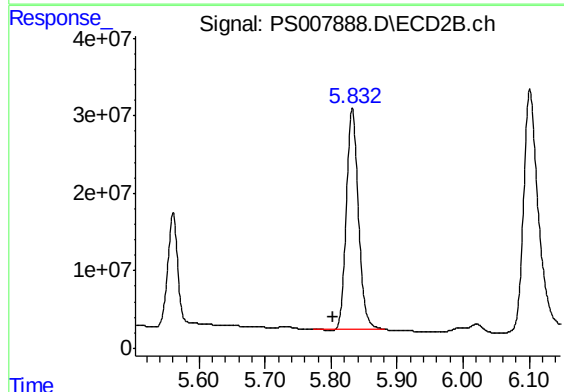
#8 DICHLORPROP

R.T.: 6.227 min  
Delta R.T.: 0.027 min  
Response: 749401454  
Conc: 592.91 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
SU-01-112719MSD

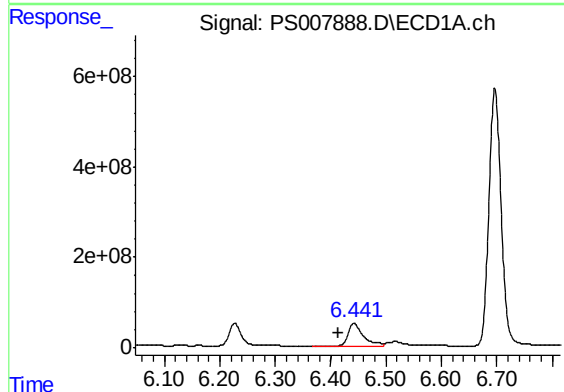
Manual Integrations  
APPROVED

mohammad  
12/3/2019 1:34:27 PM



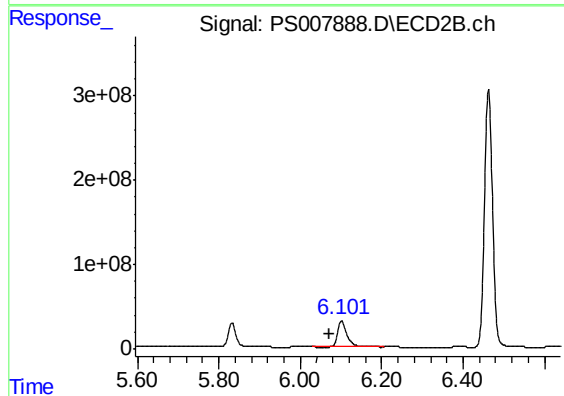
#8 DICHLORPROP

R.T.: 5.832 min  
Delta R.T.: 0.028 min  
Response: 361042773  
Conc: 550.54 ng/ml



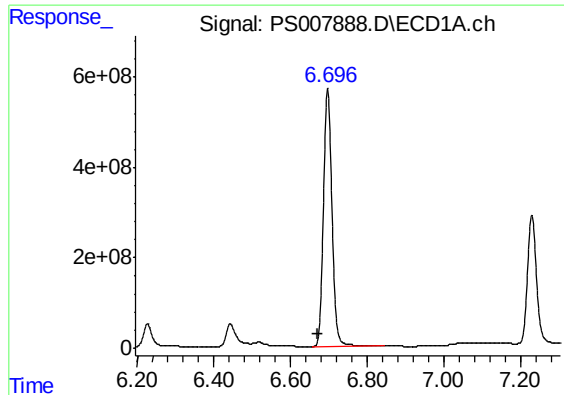
#9 2,4-D

R.T.: 6.442 min  
Delta R.T.: 0.028 min  
Response: 921715989  
Conc: 657.17 ng/ml



#9 2,4-D

R.T.: 6.101 min  
Delta R.T.: 0.029 min  
Response: 476889837  
Conc: 591.38 ng/ml



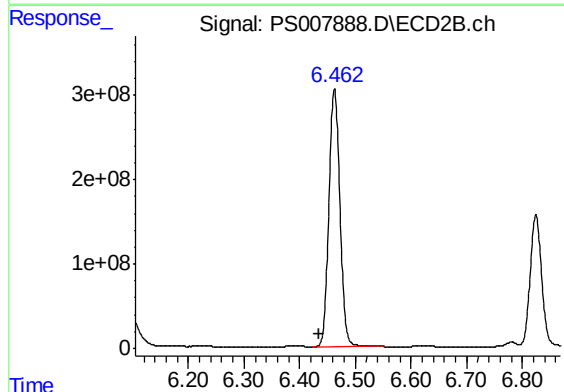
#10 Pentachlorophenol

R.T.: 6.697 min  
Delta R.T.: 0.026 min  
Response: 8816649004  
Conc: 465.23 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
SU-01-112719MSD

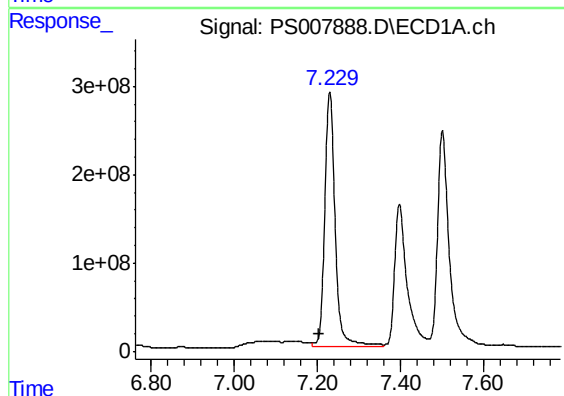
Manual Integrations  
APPROVED

mohammad  
12/3/2019 1:34:27 PM



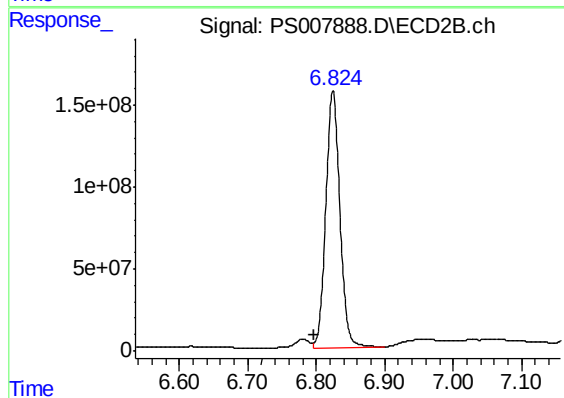
#10 Pentachlorophenol

R.T.: 6.463 min  
Delta R.T.: 0.028 min  
Response: 4203698990  
Conc: 429.28 ng/ml



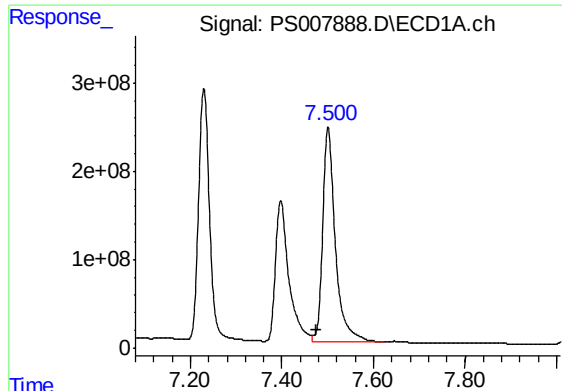
#11 2,4,5-TP (SILVEX)

R.T.: 7.230 min  
Delta R.T.: 0.026 min  
Response: 5025085272  
Conc: 668.68 ng/ml



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

R.T.: 6.824 min  
Delta R.T.: 0.027 min  
Response: 2251964875  
Conc: 575.09 ng/ml m



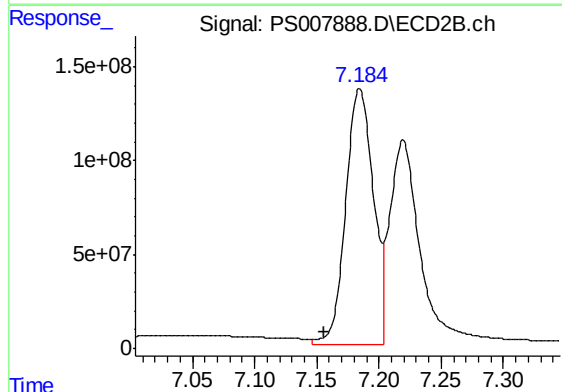
#12 2,4,5-T

R.T.: 7.501 min  
Delta R.T.: 0.026 min  
Response: 4686899505  
Conc: 572.55 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
SU-01-112719MSD

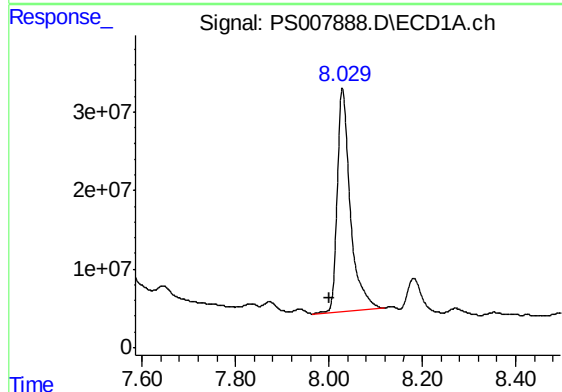
Manual Integrations  
APPROVED

mohammad  
12/3/2019 1:34:27 PM



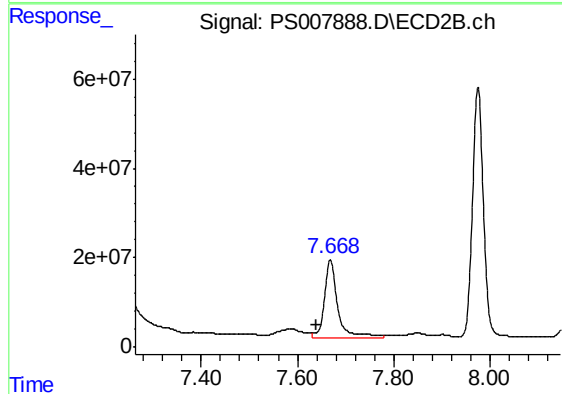
#12 2,4,5-T

R.T.: 7.184 min  
Delta R.T.: 0.029 min  
Response: 2109005269  
Conc: 571.10 ng/ml



#13 2,4-DB

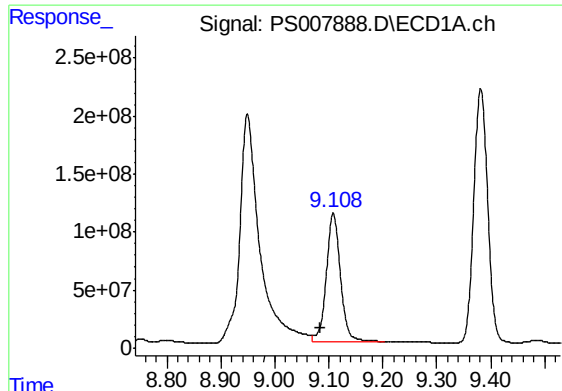
R.T.: 8.029 min  
Delta R.T.: 0.028 min  
Response: 550018503  
Conc: 514.32 ng/ml



#13 2,4-DB

R.T.: 7.668 min  
Delta R.T.: 0.028 min  
Response: 334260105  
Conc: 683.75 ng/ml





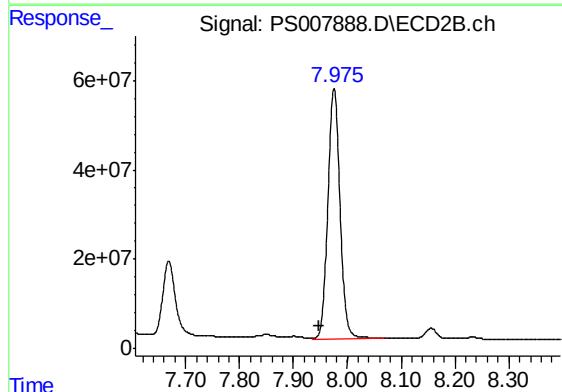
#14 DINOSEB

R.T.: 9.108 min  
Delta R.T.: 0.025 min  
Response: 2027458516  
Conc: 337.60 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
SU-01-112719MSD

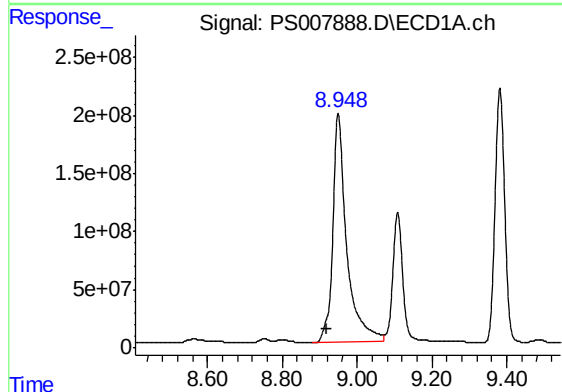
Manual Integrations  
APPROVED

mohammad  
12/3/2019 1:34:27 PM



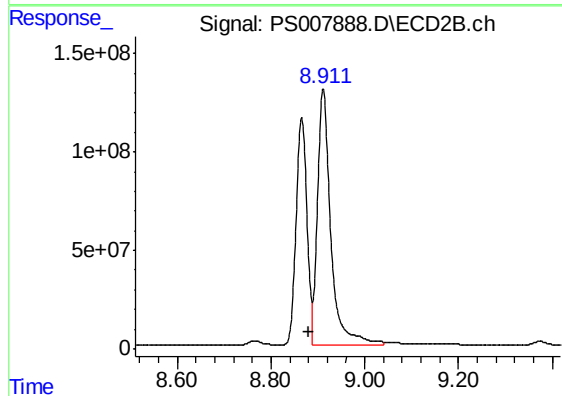
#14 DINOSEB

R.T.: 7.975 min  
Delta R.T.: 0.027 min  
Response: 883098166  
Conc: 303.77 ng/ml



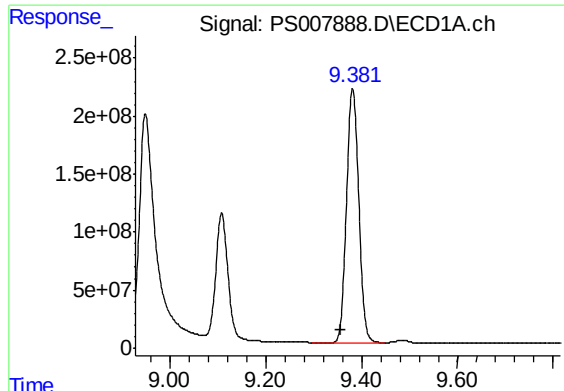
#15 Picloram

R.T.: 8.949 min  
Delta R.T.: 0.031 min  
Response: 5116966655  
Conc: 460.86 ng/ml



#15 Picloram

R.T.: 8.911 min  
Delta R.T.: 0.029 min  
Response: 2562302694  
Conc: 437.33 ng/ml m



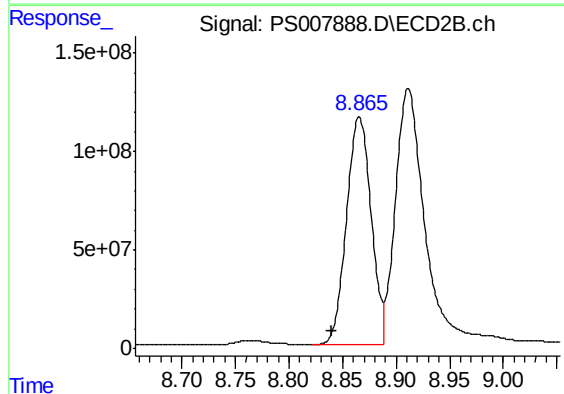
#16 DCPA

R.T.: 9.382 min  
Delta R.T.: 0.025 min  
Response: 3911576077  
Conc: 398.81 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
SU-01-112719MSD

Manual Integrations  
APPROVED

mohammad  
12/3/2019 1:34:27 PM



#16 DCPA

R.T.: 8.866 min  
Delta R.T.: 0.026 min  
Response: 1851619006  
Conc: 354.36 ng/ml