

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS100219\  
 Data File : PS006996.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Oct 2019 01:19  
 Operator : SM\AJ  
 Sample : K4663-12MSD  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 OK-01-093019MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 03 04:21:24 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS092019.M  
 Quant Title : 8080.M  
 QLast Update : Fri Sep 20 11:14:00 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     | 5.476 | 5.207 | 551.4E6  | 266.7E6  | 603.352 | 580.090m  |
| Target Compounds            |              |       |       |          |          |         |           |
| 2) T                        | 3,5-DICHL... | 4.847 | 4.537 | 47573045 | 61846860 | 43.737  | 107.586 # |
| 3) T                        | 4-Nitroph... | 5.329 | 4.919 | 5340851  | 14245115 | 14.007m | 58.930 #  |
| 5) T                        | DICAMBA      | 5.629 | 5.336 | 151.2E6  | 94219648 | 46.789m | 55.974    |
| 6) T                        | MCP          | 5.777 | 5.418 | 21093723 | 5238786  | 9.915   | 4.510 #   |
| 7) T                        | MCPA         | 5.911 | 5.593 | 20812931 | 13470786 | 6.690   | 7.319     |
| 8) T                        | DICHLORPROP  | 6.257 | 5.875 | 53163776 | 32022475 | 69.241  | 77.334    |
| 9) T                        | 2,4-D        | 6.476 | 6.148 | 79501290 | 44449224 | 97.010m | 87.143    |
| 10) T                       | Pentachlo... | 6.733 | 6.512 | 346.6E6  | 209.8E6  | 29.084m | 33.351    |
| 11) T                       | 2,4,5-TP ... | 7.267 | 6.874 | 331.2E6  | 314.6E6  | 72.888  | 131.341 # |
| 12) T                       | 2,4,5-T      | 7.543 | 7.237 | 336.2E6  | 148.0E6  | 66.071  | 68.495m   |
| 13) T                       | 2,4-DB       | 8.075 | 7.724 | 44996108 | 19844753 | 77.578  | 69.752    |
| 14) T                       | DINOSEB      | 9.158 | 8.030 | 76884585 | 36429836 | 20.244  | 21.146m   |
| 15) T                       | Picloram     | 9.006 | 8.975 | 303.9E6  | 156.5E6  | 45.320  | 42.996    |
| 16) T                       | DCPA         | 9.431 | 8.925 | 208.5E6  | 95122335 | 35.732  | 29.936m   |
| -----                       |              |       |       |          |          |         |           |

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

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Data File : PS006996.D  
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Acq On : 03 Oct 2019 01:19  
Operator : SM\AJ  
Sample : K4663-12MSD  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

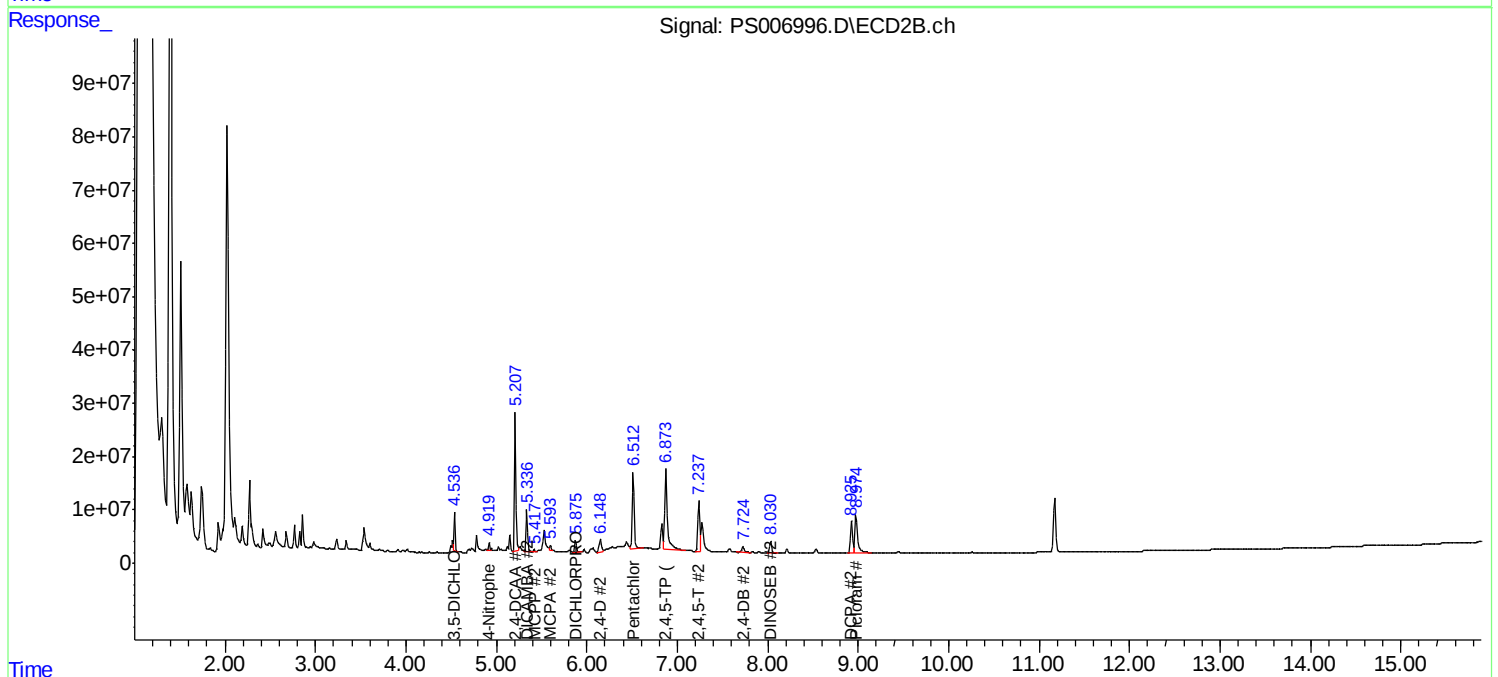
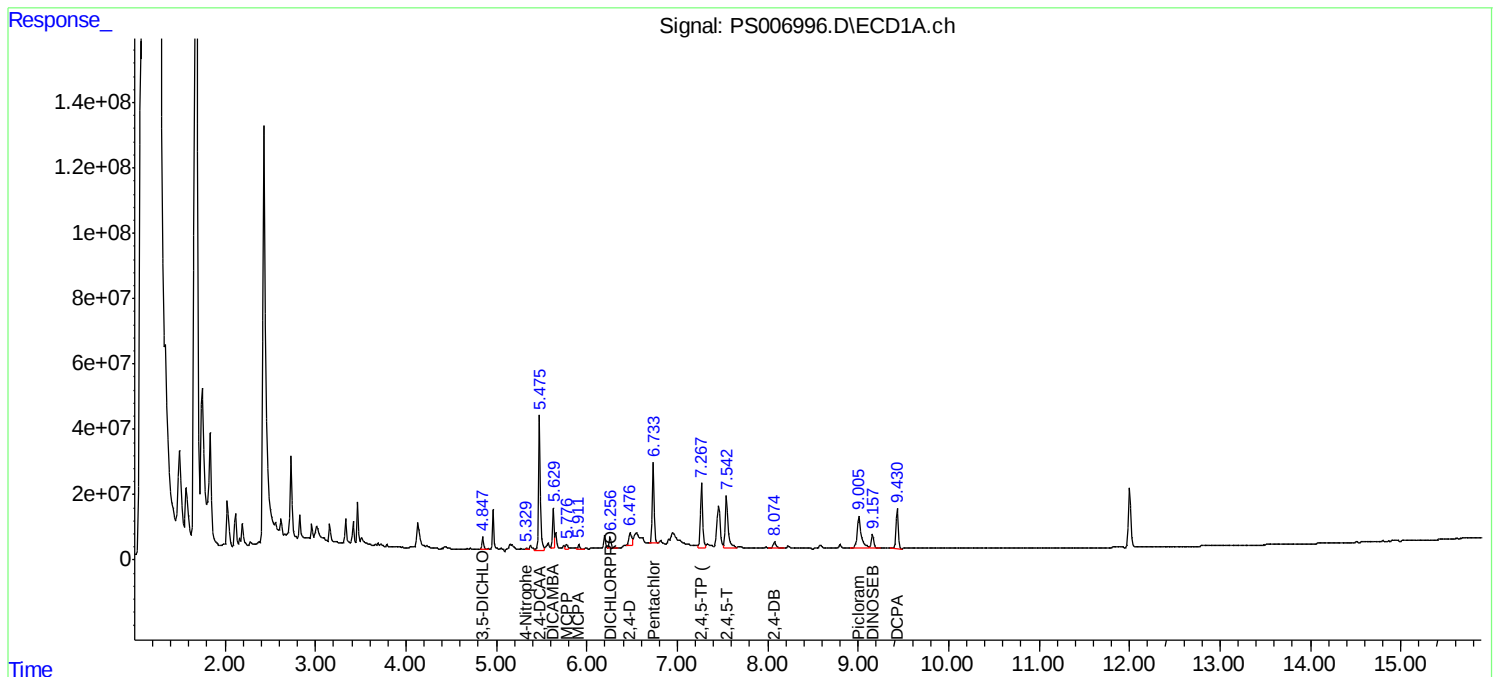
Instrument :  
ECD\_S  
ClientSampleId :  
OK-01-093019MSD

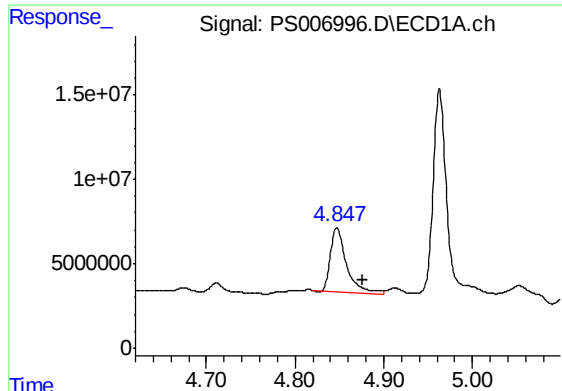
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 03 04:21:24 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS092019.M  
Quant Title : 8080.M  
QLast Update : Fri Sep 20 11:14:00 2019  
Response 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





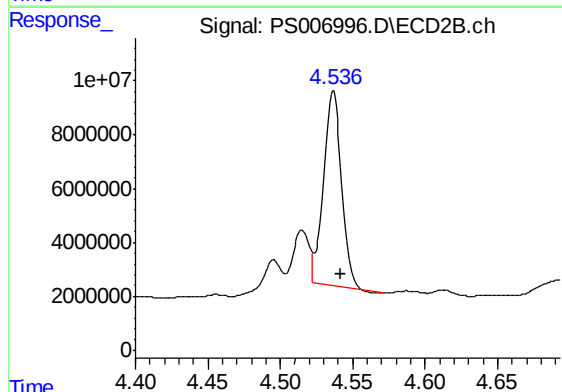
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.847 min  
Delta R.T.: -0.028 min  
Response: 47573045  
Conc: 43.74 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
OK-01-093019MSD

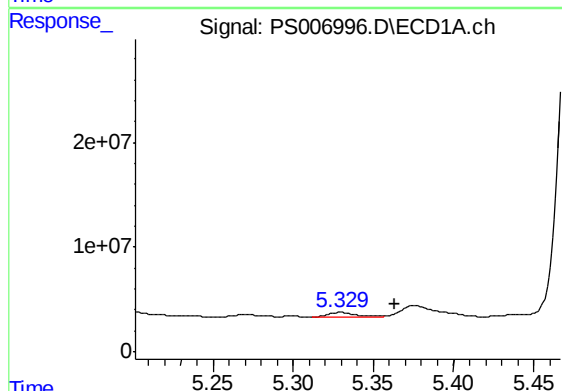
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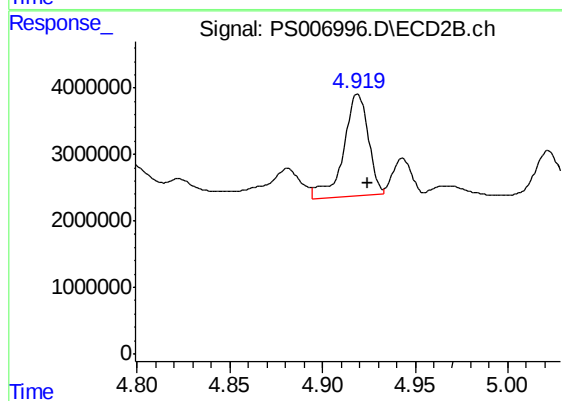
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.537 min  
Delta R.T.: -0.005 min  
Response: 61846860  
Conc: 107.59 ng/ml



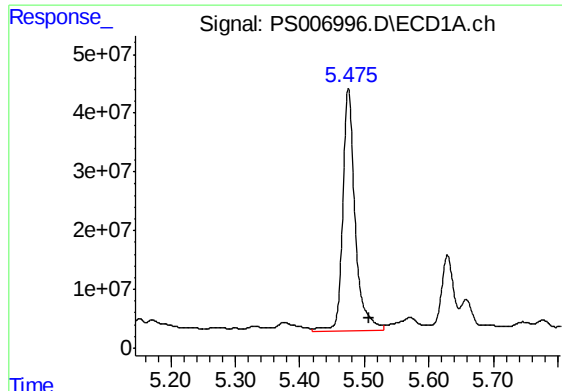
#3 4-Nitrophenol

R.T.: 5.329 min  
Delta R.T.: -0.034 min  
Response: 5340851  
Conc: 14.01 ng/ml m



#3 4-Nitrophenol

R.T.: 4.919 min  
Delta R.T.: -0.006 min  
Response: 14245115  
Conc: 58.93 ng/ml



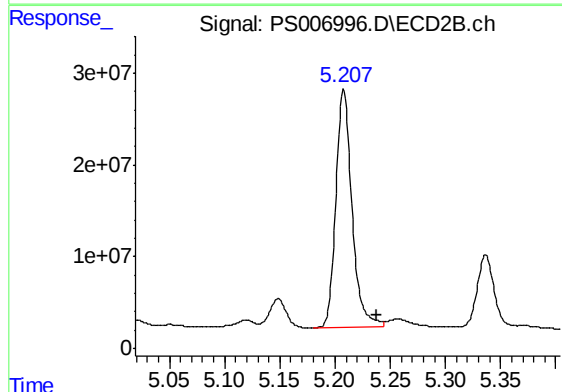
#4 2,4-DCAA

R.T.: 5.476 min  
Delta R.T.: -0.032 min  
Response: 551351788  
Conc: 603.35 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
OK-01-093019MSD

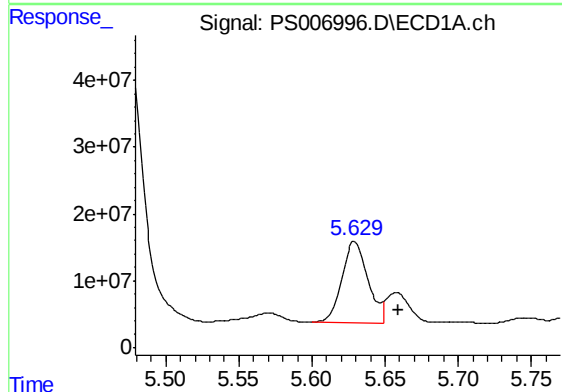
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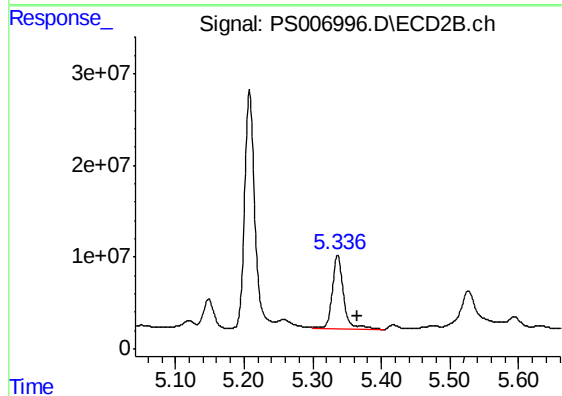
#4 2,4-DCAA

R.T.: 5.207 min  
Delta R.T.: -0.031 min  
Response: 266749604  
Conc: 580.09 ng/ml m



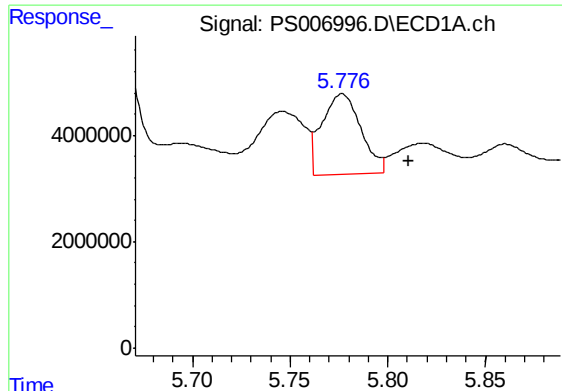
#5 DICAMBA

R.T.: 5.629 min  
Delta R.T.: -0.031 min  
Response: 151177933  
Conc: 46.79 ng/ml m



#5 DICAMBA

R.T.: 5.336 min  
Delta R.T.: -0.029 min  
Response: 94219648  
Conc: 55.97 ng/ml



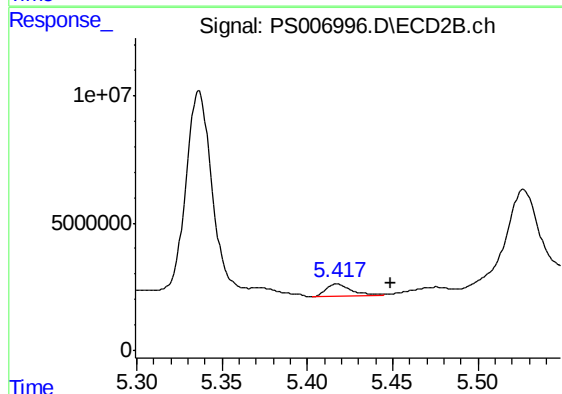
#6 MCPP

R.T.: 5.777 min  
Delta R.T.: -0.034 min  
Response: 21093723  
Conc: 9.92 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
OK-01-093019MSD

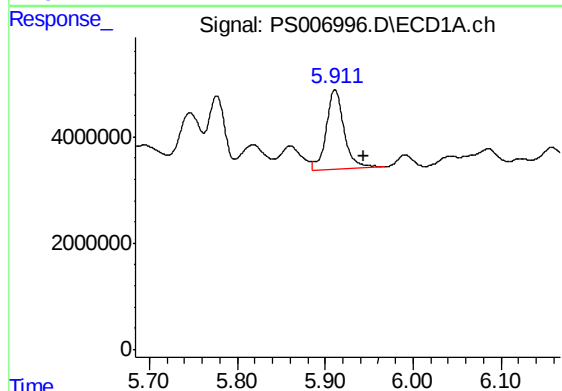
Manual Integrations  
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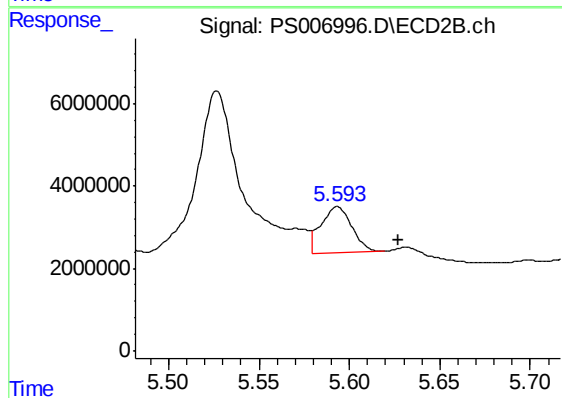
#6 MCPP

R.T.: 5.418 min  
Delta R.T.: -0.031 min  
Response: 5238786  
Conc: 4.51 ug/ml



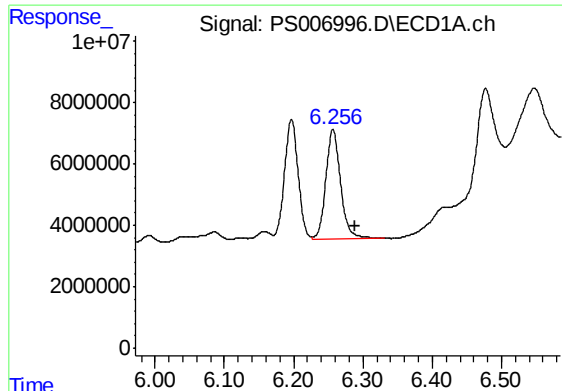
#7 MCPA

R.T.: 5.911 min  
Delta R.T.: -0.032 min  
Response: 20812931  
Conc: 6.69 ug/ml



#7 MCPA

R.T.: 5.593 min  
Delta R.T.: -0.034 min  
Response: 13470786  
Conc: 7.32 ug/ml



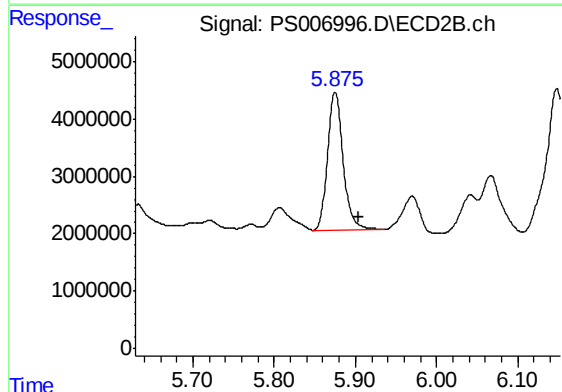
#8 DICHLORPROP

R.T.: 6.257 min  
Delta R.T.: -0.031 min  
Response: 53163776  
Conc: 69.24 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
OK-01-093019MSD

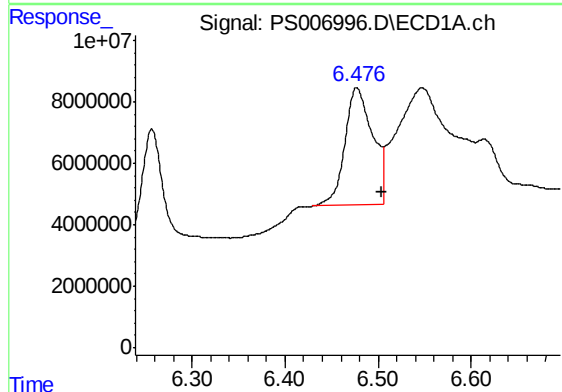
Manual Integrations  
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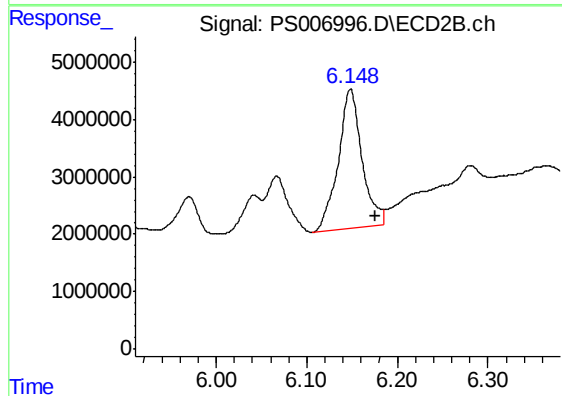
#8 DICHLORPROP

R.T.: 5.875 min  
Delta R.T.: -0.029 min  
Response: 32022475  
Conc: 77.33 ng/ml



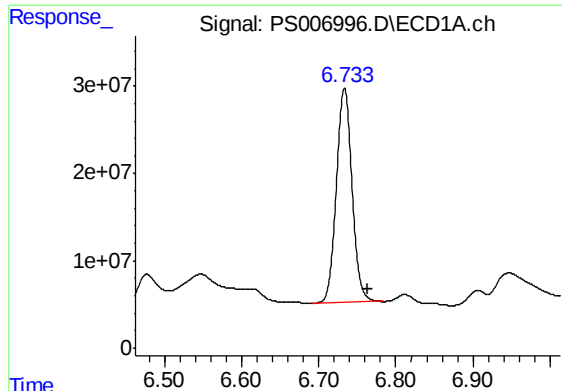
#9 2,4-D

R.T.: 6.476 min  
Delta R.T.: -0.028 min  
Response: 79501290  
Conc: 97.01 ng/ml m



#9 2,4-D

R.T.: 6.148 min  
Delta R.T.: -0.028 min  
Response: 44449224  
Conc: 87.14 ng/ml



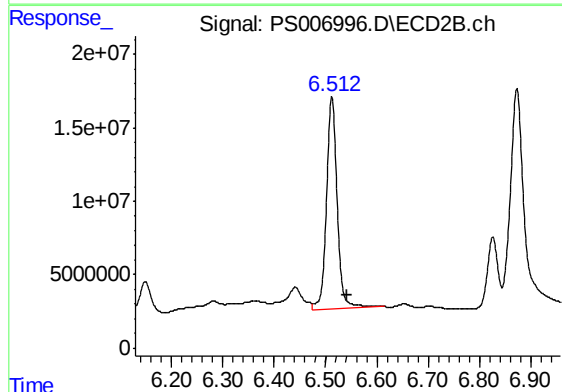
#10 Pentachlorophenol

R.T.: 6.733 min  
Delta R.T.: -0.030 min  
Response: 346620821  
Conc: 29.08 ng/ml m

Instrument :  
ECD\_S  
ClientSampleId :  
OK-01-093019MSD

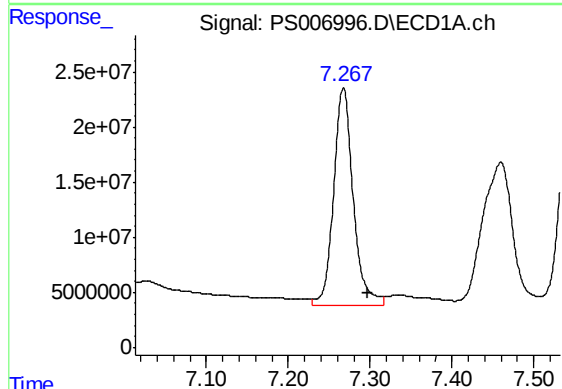
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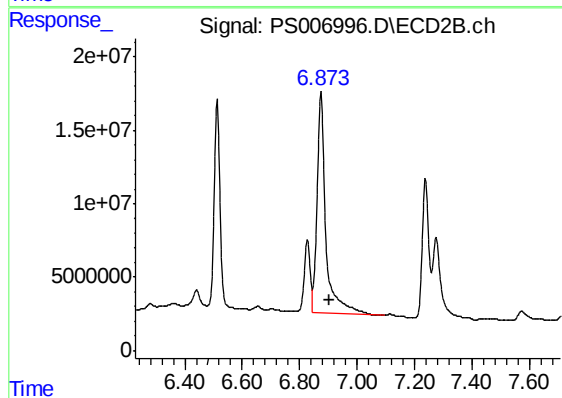
#10 Pentachlorophenol

R.T.: 6.512 min  
Delta R.T.: -0.029 min  
Response: 209826315  
Conc: 33.35 ng/ml



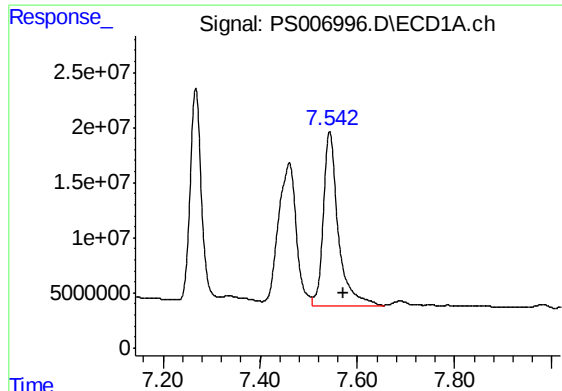
#11 2,4,5-TP (SILVEX)

R.T.: 7.267 min  
Delta R.T.: -0.031 min  
Response: 331153310  
Conc: 72.89 ng/ml



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

R.T.: 6.874 min  
Delta R.T.: -0.031 min  
Response: 314606549  
Conc: 131.34 ng/ml



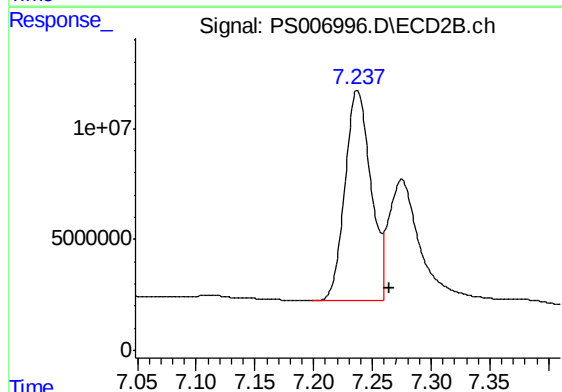
#12 2,4,5-T

R.T.: 7.543 min  
Delta R.T.: -0.029 min  
Response: 336189287  
Conc: 66.07 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
OK-01-093019MSD

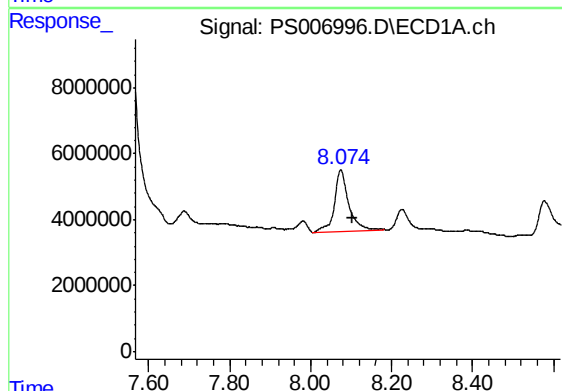
Manual Integrations  
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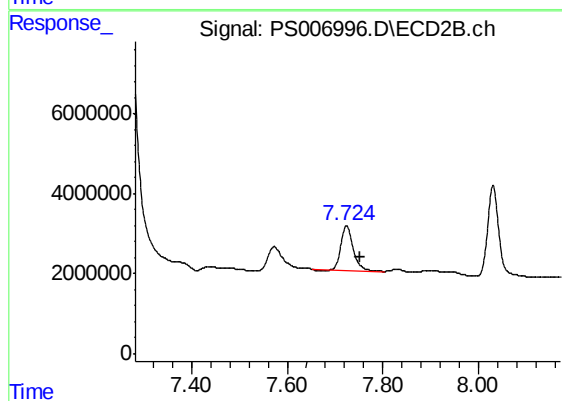
#12 2,4,5-T

R.T.: 7.237 min  
Delta R.T.: -0.028 min  
Response: 148046447  
Conc: 68.49 ng/ml m



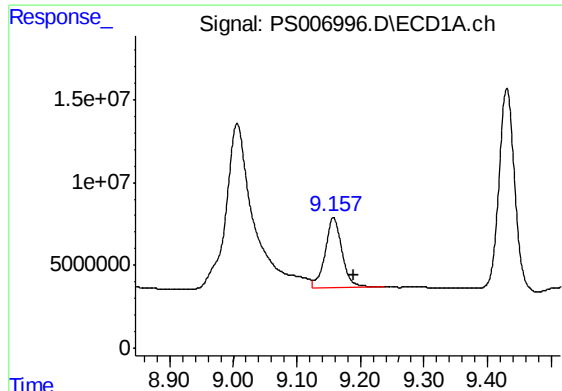
#13 2,4-DB

R.T.: 8.075 min  
Delta R.T.: -0.028 min  
Response: 44996108  
Conc: 77.58 ng/ml



#13 2,4-DB

R.T.: 7.724 min  
Delta R.T.: -0.027 min  
Response: 19844753  
Conc: 69.75 ng/ml



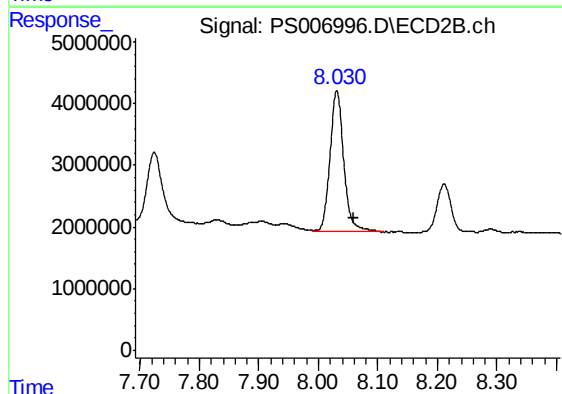
#14 DINOSEB

R.T.: 9.158 min  
Delta R.T.: -0.032 min  
Response: 76884585  
Conc: 20.24 ng/ml

Instrument :  
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ClientSampleId :  
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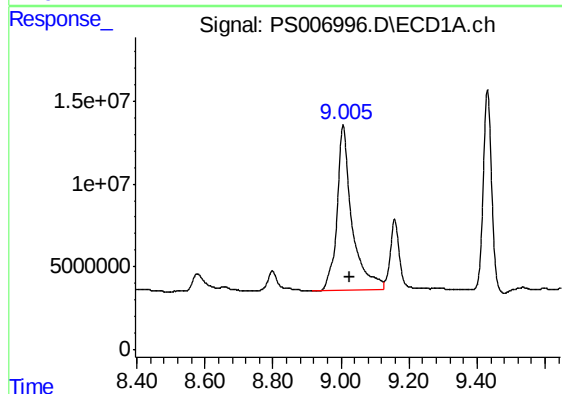
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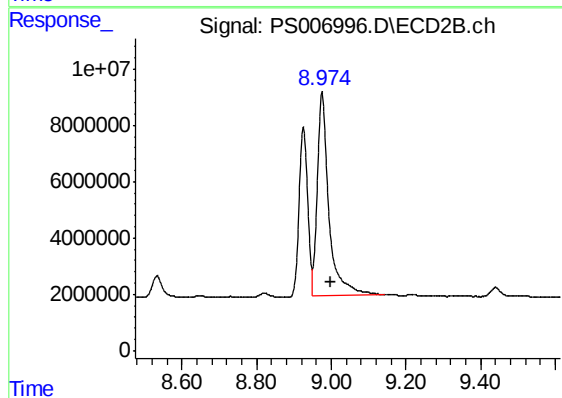
#14 DINOSEB

R.T.: 8.030 min  
Delta R.T.: -0.030 min  
Response: 36429836  
Conc: 21.15 ng/ml m



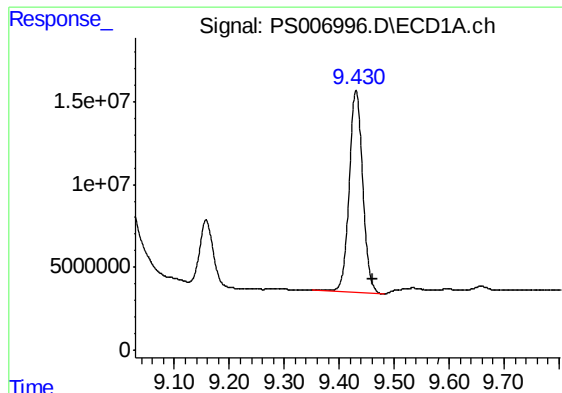
#15 Picloram

R.T.: 9.006 min  
Delta R.T.: -0.019 min  
Response: 303903594  
Conc: 45.32 ng/ml



#15 Picloram

R.T.: 8.975 min  
Delta R.T.: -0.023 min  
Response: 156489606  
Conc: 43.00 ng/ml



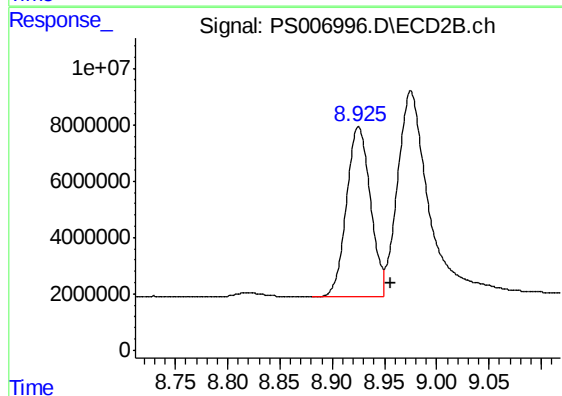
#16 DCPA

R.T.: 9.431 min  
Delta R.T.: -0.031 min  
Response: 208512641  
Conc: 35.73 ng/ml

Instrument :  
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ClientSampleId :  
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#16 DCPA

R.T.: 8.925 min  
Delta R.T.: -0.031 min  
Response: 95122335  
Conc: 29.94 ng/ml m