

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS102324\  
 Data File : PS028008.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Oct 2024 11:28  
 Operator : AR\AJ  
 Sample : HSTDICC200  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

**Instrument :**

ECD\_S

**ClientSampleId :**

HSTDICC200

**Manual Integrations****APPROVED**

Reviewed By :Abdul Mirza 10/24/2024

Supervised By :Ankita Jodhani 10/24/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 23 12:43:57 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS102324.M  
 Quant Title : 8080.M  
 QLast Update : Wed Oct 23 12:40:27 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 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     | 7.091  | 7.614  | 668.7E6  | 229.8E6  | 233.149 | 230.503 |
| Target Compounds            |              |        |        |          |          |         |         |
| 1) T                        | Dalapon      | 2.538  | 2.613  | 1013.0E6 | 327.0E6  | 212.887 | 192.117 |
| 2) T                        | 3,5-DICHL... | 6.283  | 6.587  | 914.1E6  | 298.0E6  | 217.686 | 214.709 |
| 3) T                        | 4-Nitroph... | 6.887  | 7.149  | 415.9E6  | 161.8E6  | 213.251 | 216.628 |
| 5) T                        | DICAMBA      | 7.269  | 7.807  | 2430.2E6 | 660.5E6  | 212.222 | 198.732 |
| 6) T                        | MCPD         | 7.445  | 7.907  | 133.4E6  | 46625854 | 18.745  | 18.457  |
| 7) T                        | MCPA         | 7.589  | 8.146  | 217.2E6  | 114.4E6  | 20.139  | 22.573m |
| 8) T                        | DICHLORPROP  | 7.955  | 8.513  | 669.5E6  | 212.3E6  | 219.426 | 218.490 |
| 9) T                        | 2,4-D        | 8.177  | 8.840  | 778.5E6  | 211.5E6  | 217.992 | 206.410 |
| 10) T                       | Pentachlo... | 8.463  | 9.349  | 9595.9E6 | 2603.5E6 | 222.383 | 199.159 |
| 11) T                       | 2,4,5-TP ... | 9.029  | 9.725  | 3721.0E6 | 869.4E6  | 217.873 | 192.647 |
| 12) T                       | 2,4,5-T      | 9.314  | 10.139 | 3854.9E6 | 805.4E6  | 217.787 | 195.183 |
| 13) T                       | 2,4-DB       | 9.877  | 10.702 | 593.7E6  | 112.5E6  | 216.692 | 212.499 |
| 14) T                       | DINOSEB      | 11.050 | 11.075 | 2573.1E6 | 726.9E6  | 220.080 | 208.003 |
| 15) T                       | Picloram     | 10.867 | 12.152 | 5081.6E6 | 783.6E6  | 217.301 | 180.911 |
| 16) T                       | DCPA         | 11.350 | 12.104 | 4426.8E6 | 941.4E6  | 224.735 | 198.286 |
| -----                       |              |        |        |          |          |         |         |

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

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Data File : PS028008.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2024 11:28  
Operator : AR\AJ  
Sample : HSTDICC200  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

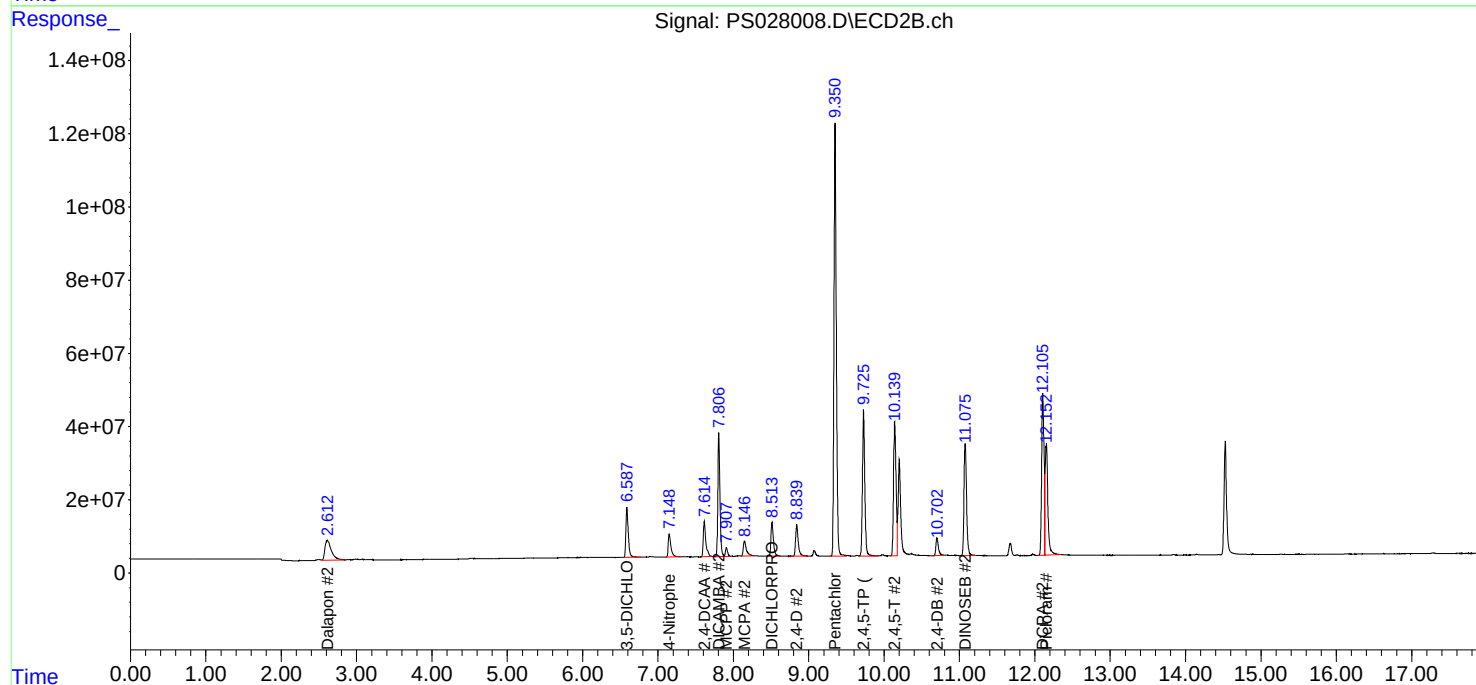
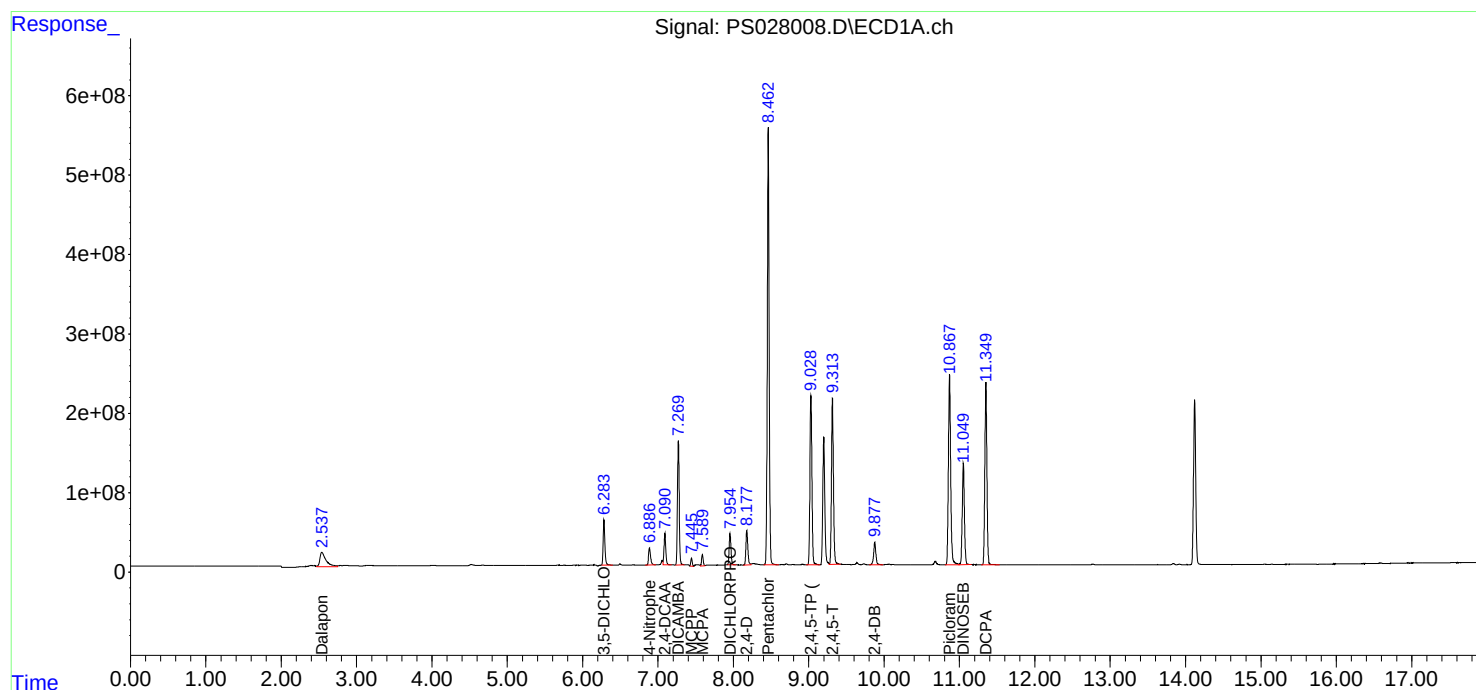
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC200

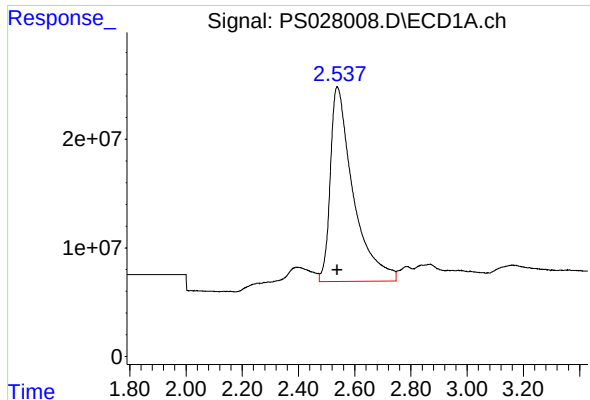
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 10/24/2024  
Supervised By : Ankita Jodhani 10/24/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 23 12:43:57 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS102324.M  
Quant Title : 8080.M  
QLast Update : Wed Oct 23 12:40:27 2024  
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Volume Inj. : 1 µl  
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





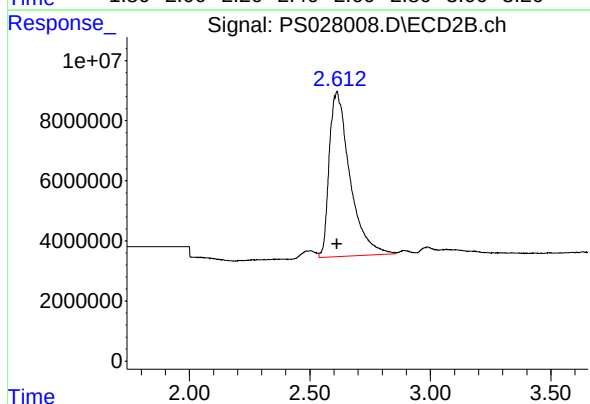
#1 Dalapon

R.T.: 2.538 min  
Delta R.T.: 0.000 min  
Response: 1013041330  
Conc: 212.89 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC200

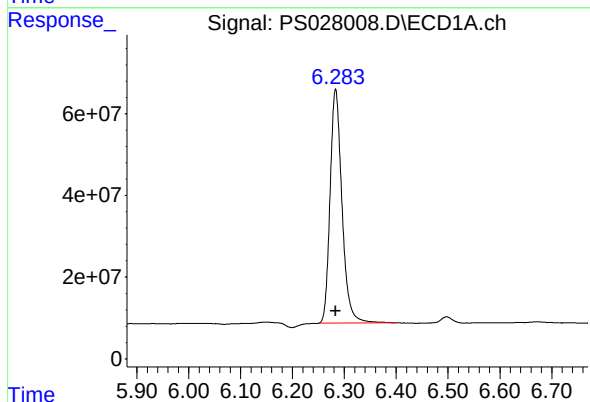
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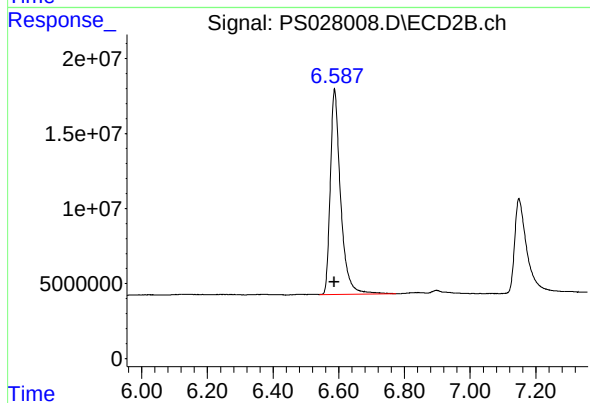
#1 Dalapon

R.T.: 2.613 min  
Delta R.T.: 0.000 min  
Response: 326976737  
Conc: 192.12 ng/ml



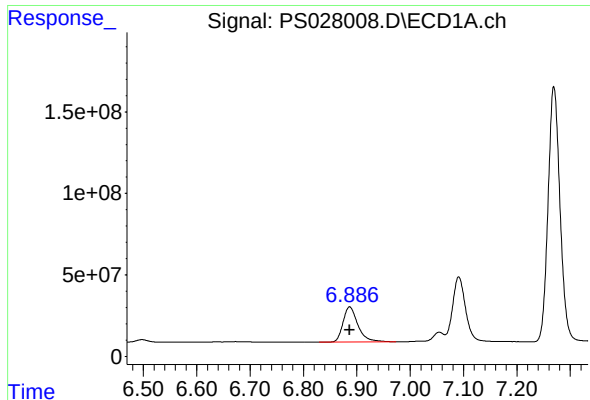
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.283 min  
Delta R.T.: 0.000 min  
Response: 914131685  
Conc: 217.69 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.587 min  
Delta R.T.: 0.000 min  
Response: 297990208  
Conc: 214.71 ng/ml



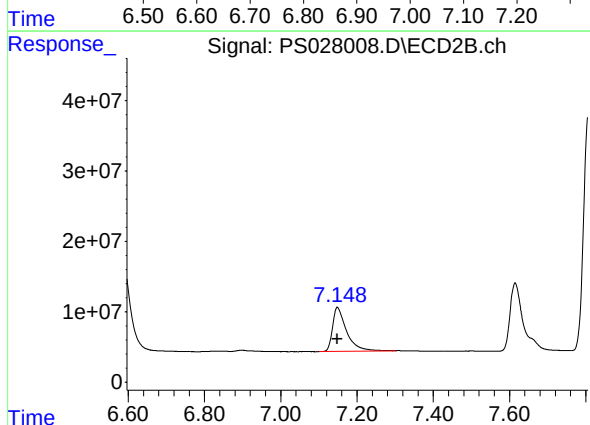
#3 4-Nitrophenol

R.T.: 6.887 min  
Delta R.T.: 0.000 min  
Response: 415944677  
Conc: 213.25 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC200

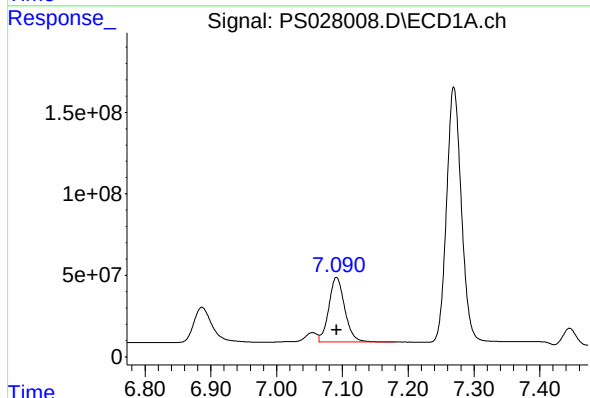
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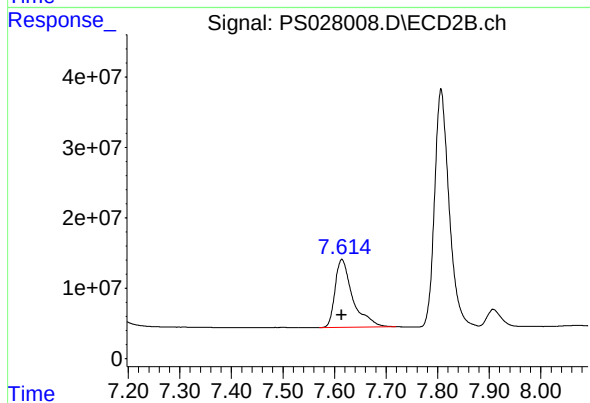
#3 4-Nitrophenol

R.T.: 7.149 min  
Delta R.T.: 0.000 min  
Response: 161758247  
Conc: 216.63 ng/ml



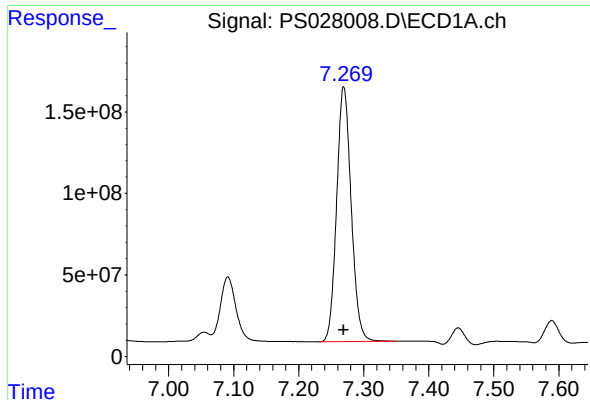
#4 2,4-DCAA

R.T.: 7.091 min  
Delta R.T.: 0.000 min  
Response: 668711034  
Conc: 233.15 ng/ml



#4 2,4-DCAA

R.T.: 7.614 min  
Delta R.T.: 0.000 min  
Response: 229829096  
Conc: 230.50 ng/ml



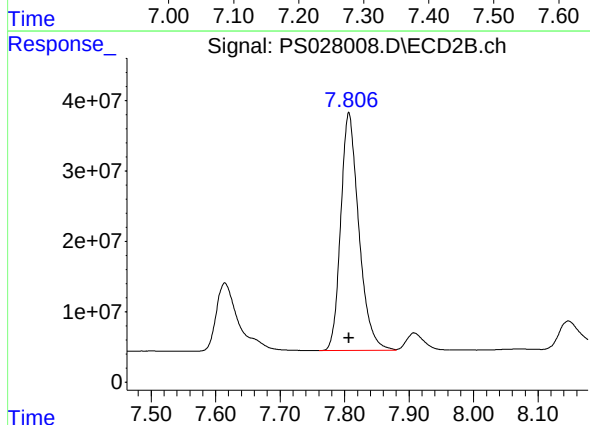
#5 DICAMBA

R.T.: 7.269 min  
Delta R.T.: 0.000 min  
Response: 2430197156  
Conc: 212.22 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC200

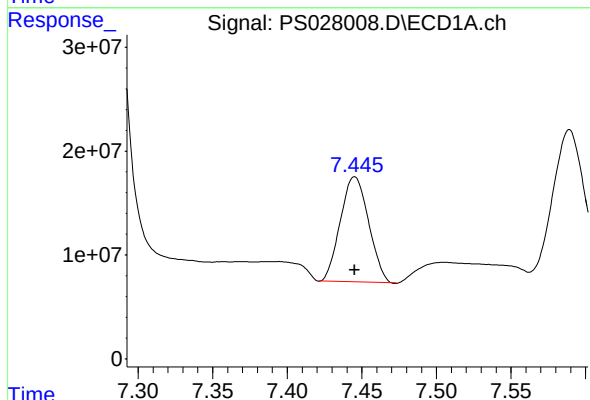
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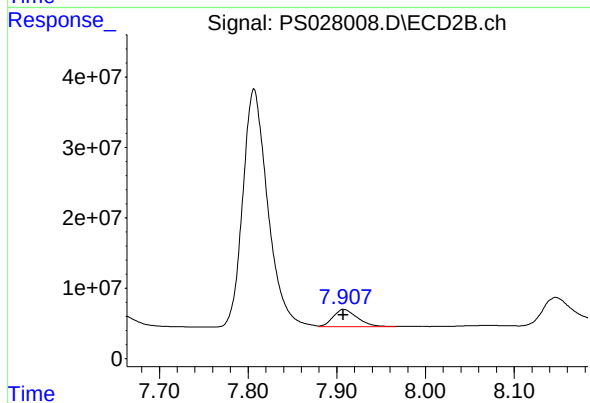
#5 DICAMBA

R.T.: 7.807 min  
Delta R.T.: 0.000 min  
Response: 660501195  
Conc: 198.73 ng/ml



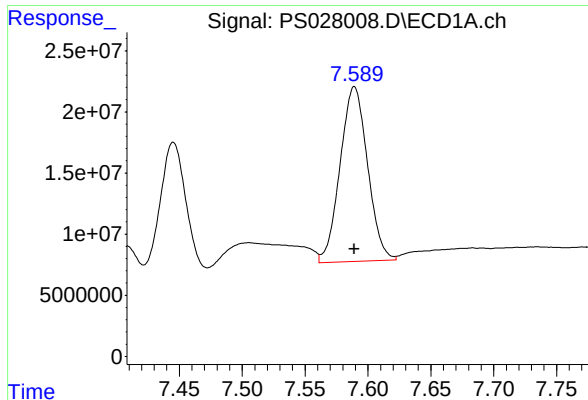
#6 MCPP

R.T.: 7.445 min  
Delta R.T.: 0.000 min  
Response: 133394294  
Conc: 18.74 ug/ml



#6 MCPP

R.T.: 7.907 min  
Delta R.T.: 0.000 min  
Response: 46625854  
Conc: 18.46 ug/ml



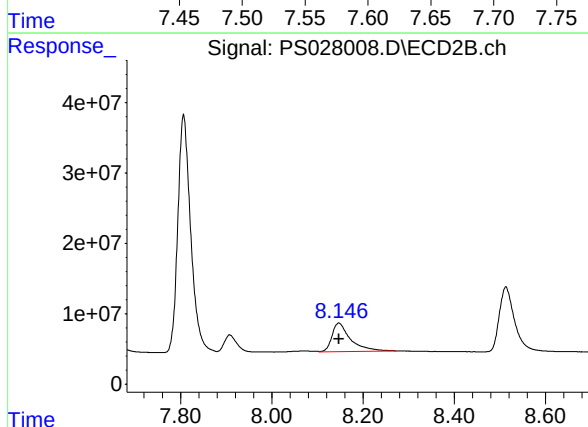
#7 MCPA

R.T.: 7.589 min  
Delta R.T.: 0.000 min  
Response: 217193336  
Conc: 20.14 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC200

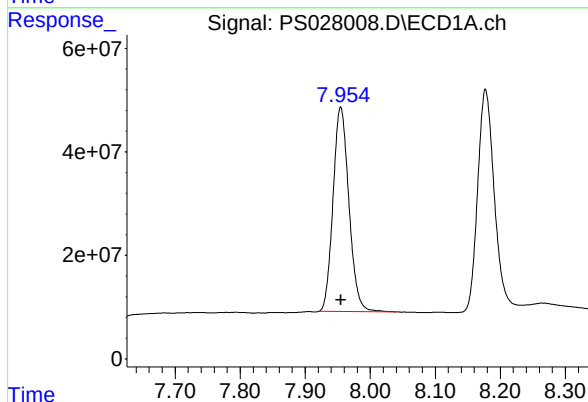
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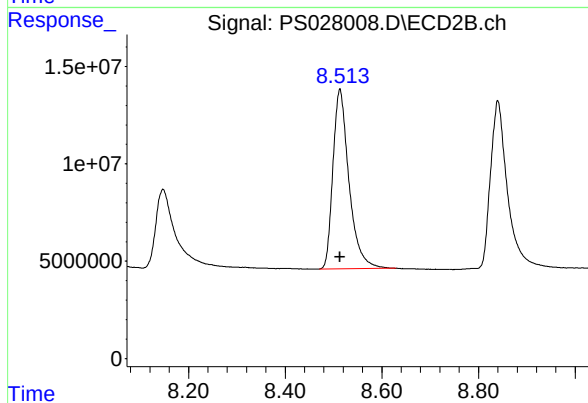
#7 MCPA

R.T.: 8.146 min  
Delta R.T.: 0.000 min  
Response: 114403425  
Conc: 22.57 ug/ml



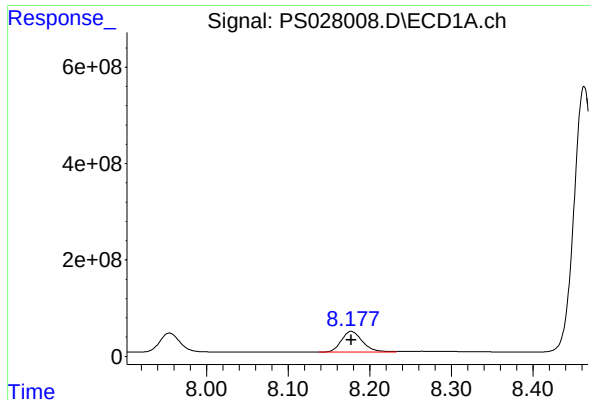
#8 DICHLORPROP

R.T.: 7.955 min  
Delta R.T.: 0.000 min  
Response: 669520635  
Conc: 219.43 ng/ml



#8 DICHLORPROP

R.T.: 8.513 min  
Delta R.T.: 0.000 min  
Response: 212323354  
Conc: 218.49 ng/ml



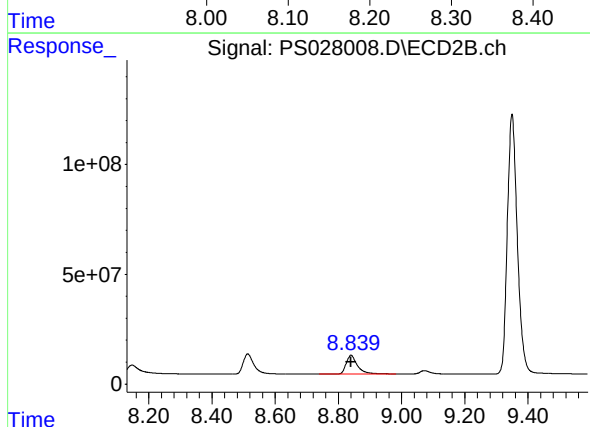
#9 2,4-D

R.T.: 8.177 min  
Delta R.T.: 0.000 min  
Response: 778504531  
Conc: 217.99 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC200

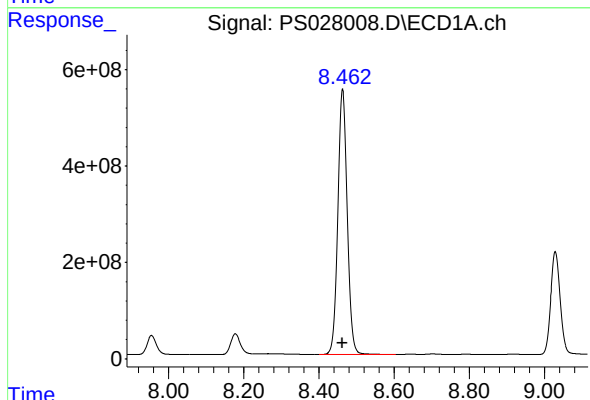
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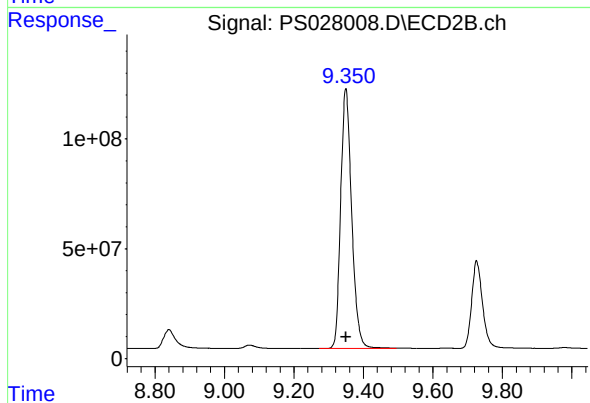
#9 2,4-D

R.T.: 8.840 min  
Delta R.T.: 0.000 min  
Response: 211545165  
Conc: 206.41 ng/ml



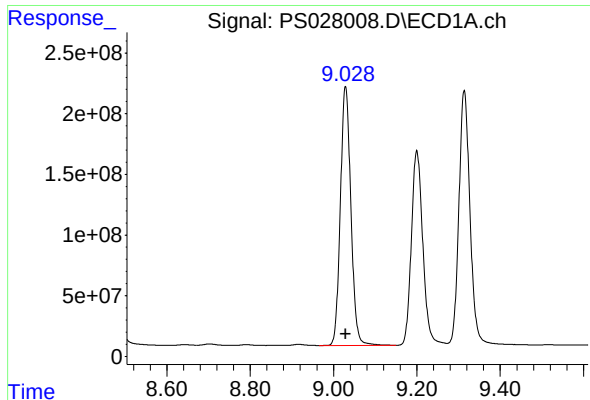
#10 Pentachlorophenol

R.T.: 8.463 min  
Delta R.T.: 0.000 min  
Response: 9595927268  
Conc: 222.38 ng/ml



#10 Pentachlorophenol

R.T.: 9.349 min  
Delta R.T.: 0.000 min  
Response: 2603502793  
Conc: 199.16 ng/ml



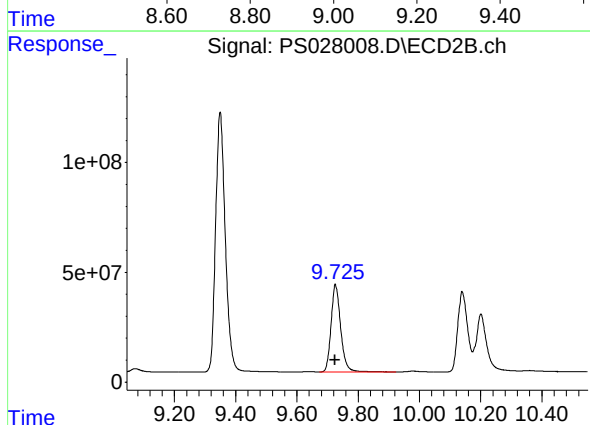
#11 2,4,5-TP (SILVEX)

R.T.: 9.029 min  
Delta R.T.: 0.000 min  
Response: 3720953254  
Conc: 217.87 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC200

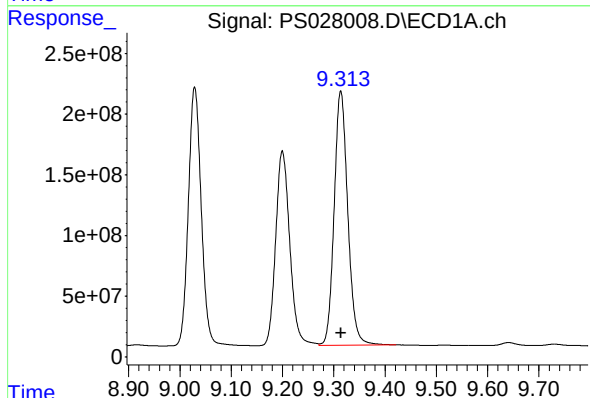
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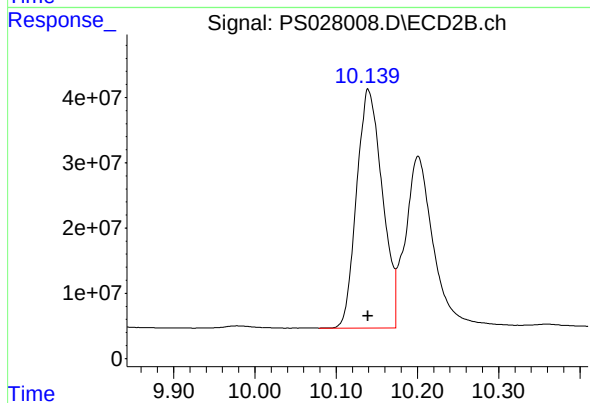
#11 2,4,5-TP (SILVEX)

R.T.: 9.725 min  
Delta R.T.: 0.000 min  
Response: 869386887  
Conc: 192.65 ng/ml



#12 2,4,5-T

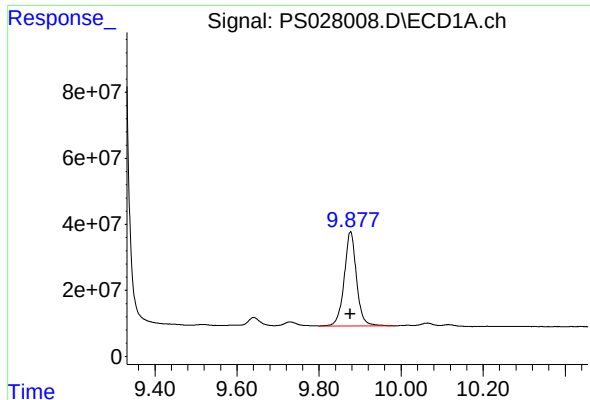
R.T.: 9.314 min  
Delta R.T.: 0.000 min  
Response: 3854862745  
Conc: 217.79 ng/ml



#12 2,4,5-T

R.T.: 10.139 min  
Delta R.T.: 0.000 min  
Response: 805420159  
Conc: 195.18 ng/ml





#13 2,4-DB

R.T.: 9.877 min  
Delta R.T.: 0.000 min  
Response: 593741904  
Conc: 216.69 ng/ml

Instrument :

ECD\_S

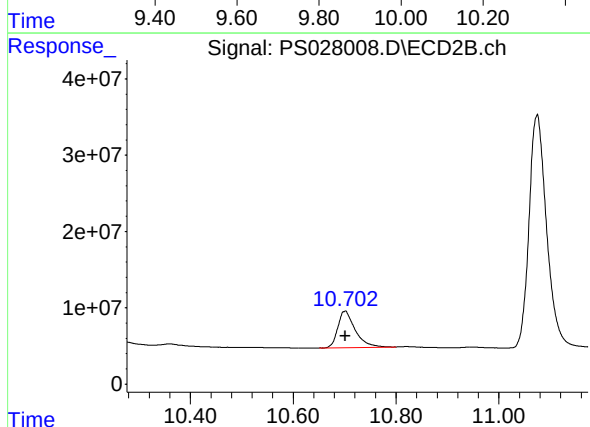
ClientSampleId :

HSTDICC200

Manual Integrations

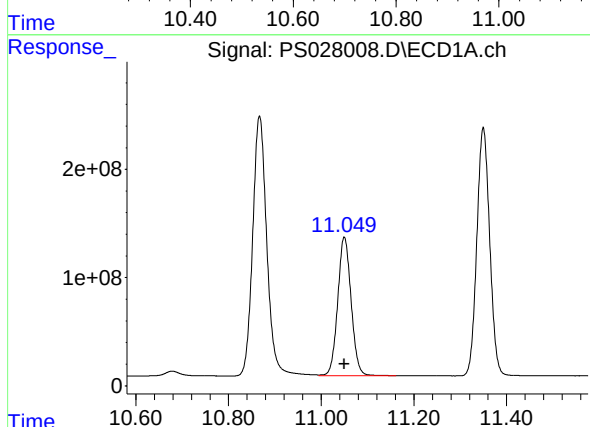
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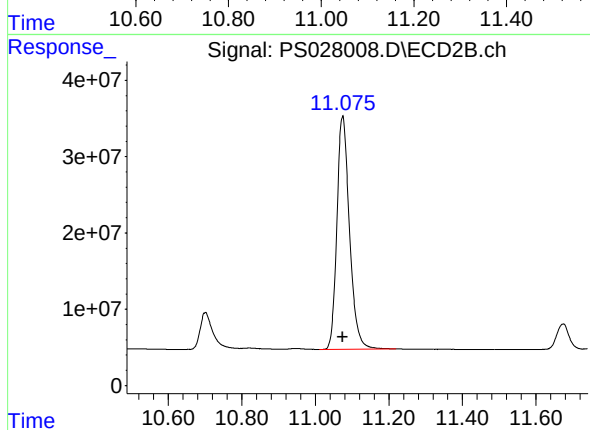
#13 2,4-DB

R.T.: 10.702 min  
Delta R.T.: 0.000 min  
Response: 112487765  
Conc: 212.50 ng/ml



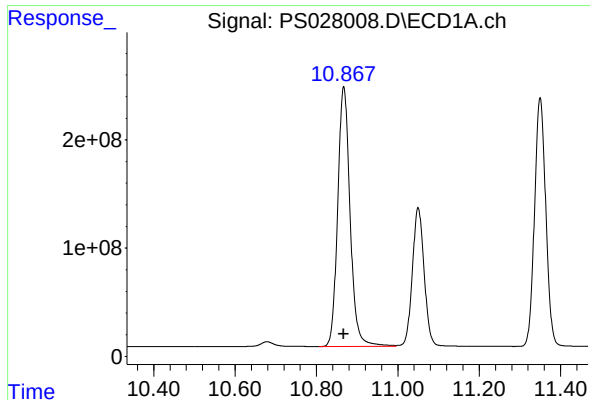
#14 DINOSEB

R.T.: 11.050 min  
Delta R.T.: 0.000 min  
Response: 2573134484  
Conc: 220.08 ng/ml



#14 DINOSEB

R.T.: 11.075 min  
Delta R.T.: 0.000 min  
Response: 726910303  
Conc: 208.00 ng/ml



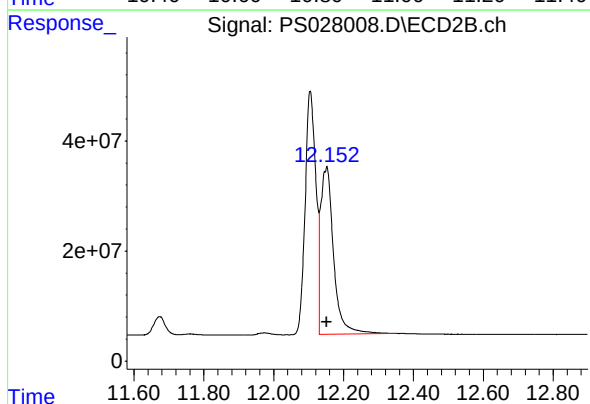
#15 Picloram

R.T.: 10.867 min  
Delta R.T.: 0.000 min  
Response: 5081574361  
Conc: 217.30 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC200

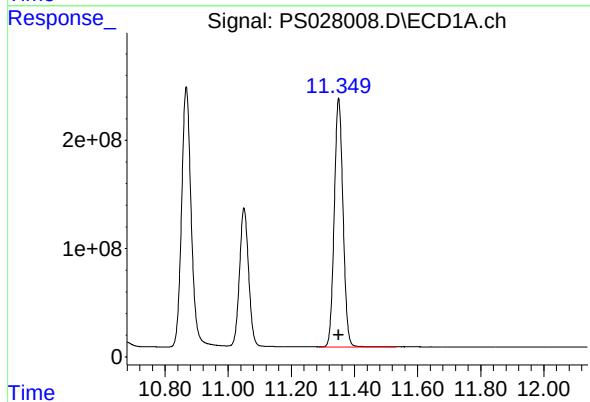
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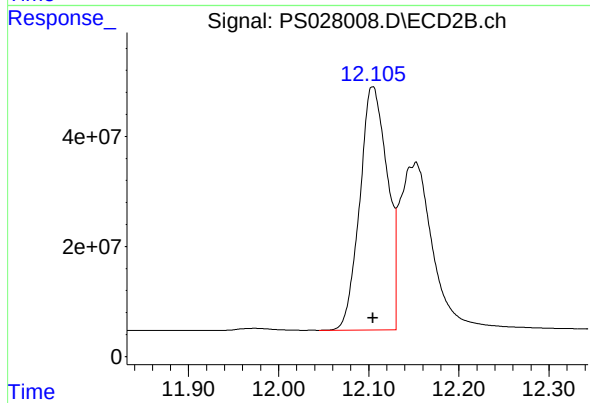
#15 Picloram

R.T.: 12.152 min  
Delta R.T.: 0.000 min  
Response: 783576534  
Conc: 180.91 ng/ml



#16 DCPA

R.T.: 11.350 min  
Delta R.T.: 0.000 min  
Response: 4426789941  
Conc: 224.73 ng/ml



#16 DCPA

R.T.: 12.104 min  
Delta R.T.: 0.000 min  
Response: 941356828  
Conc: 198.29 ng/ml