

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS021325\
 Data File : PS029172.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Feb 2025 00:12
 Operator : AR\AJ
 Sample : Q1356-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 CARBON-WATERMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/14/2025
 Supervised By : Ankita Jodhani 02/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 14 01:26:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS021225.M
 Quant Title : 8080.M
 QLast Update : Wed Feb 12 09:17:13 2025
 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 x 0.5 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	7.187	7.661	1339.8E6	496.2E6	484.772m	468.741
Target Compounds							
1) T	Dalapon	2.611	2.659	1551.6E6	989.0E6	490.527	522.363
2) T	3,5-DICHL...	6.366	6.630	1843.0E6	661.0E6	465.192	432.033
3) T	4-Nitroph...	6.985	7.192	700.6E6	356.5E6	410.920	411.082
5) T	DICAMBA	7.372	7.857	5138.4E6	2320.8E6	426.710	419.928
6) T	MCPD	7.551	7.960	287.0E6	106.2E6	41.428	43.042
7) T	MCPA	7.699	8.200	399.1E6	151.5E6	41.693	43.296
8) T	DICHLORPROP	8.075	8.568	1368.7E6	641.5E6	433.271	465.856
9) T	2,4-D	8.303	8.894	1618.4E6	673.3E6	481.076	469.976
10) T	Pentachlo...	8.599	9.414	23371.0E6	10912.5E6	495.633	452.433
11) T	2,4,5-TP ...	9.173	9.791	9337.4E6	4582.9E6	481.551	469.164m
12) T	2,4,5-T	9.464	10.208	8489.7E6	3949.2E6	438.298	426.372
13) T	2,4-DB	10.036	10.772	1377.6E6	466.0E6	370.692	490.502m#
14) T	DINOSEB	11.234	11.149	6638.9E6	2344.5E6	457.837	425.142
15) T	Picloram	11.046	12.228	12237.0E6	4881.6E6	382.977	355.058
16) T	DCPA	11.527	12.185	9174.7E6	5388.5E6	316.408	436.849 #

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

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Data File : PS029172.D
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Acq On : 14 Feb 2025 00:12
Operator : AR\AJ
Sample : Q1356-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

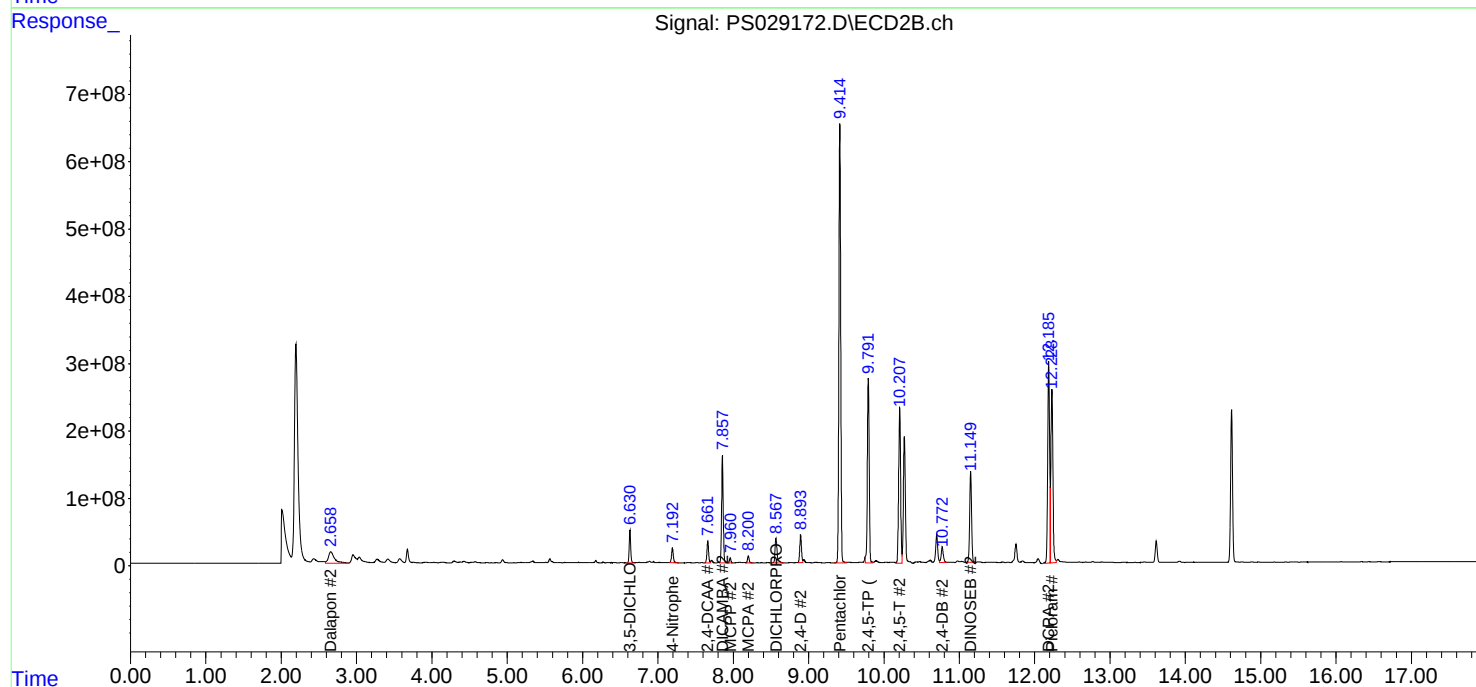
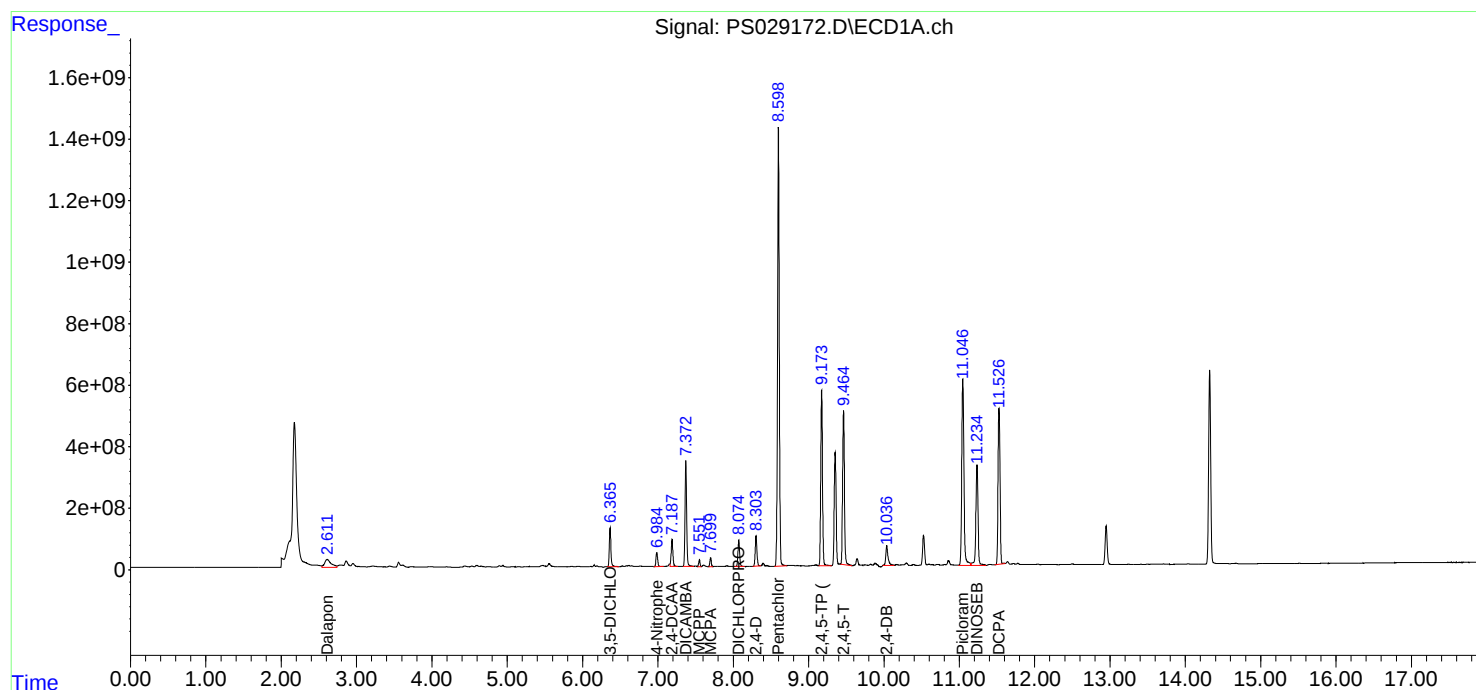
Instrument :
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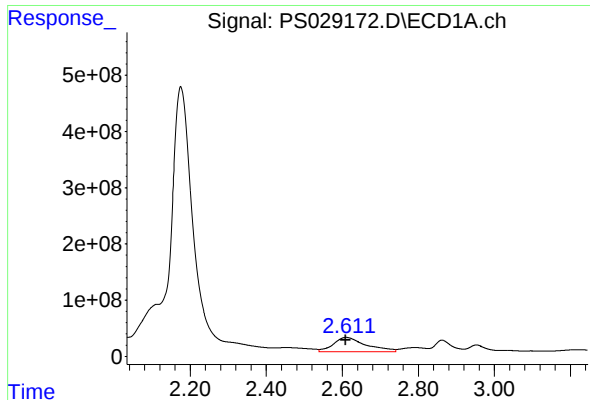
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS021225.M
Quant Title : 8080.M
QLast Update : Wed Feb 12 09:17:13 2025
Response via : Initial Calibration
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.611 min
Delta R.T.: 0.002 min
Response: 1551561739
Conc: 490.53 ng/ml

Instrument :

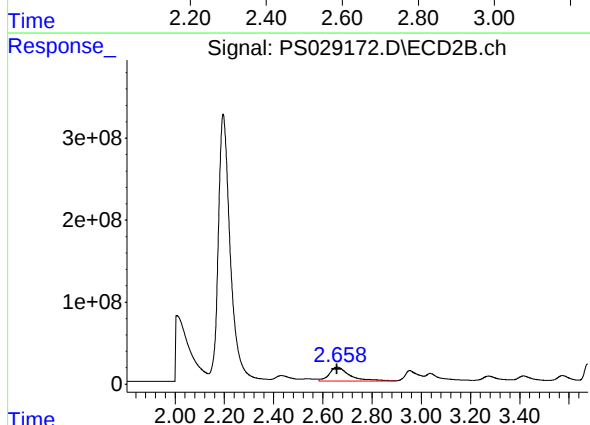
ECD_S

ClientSampleId :

CARBON-WATERMSD

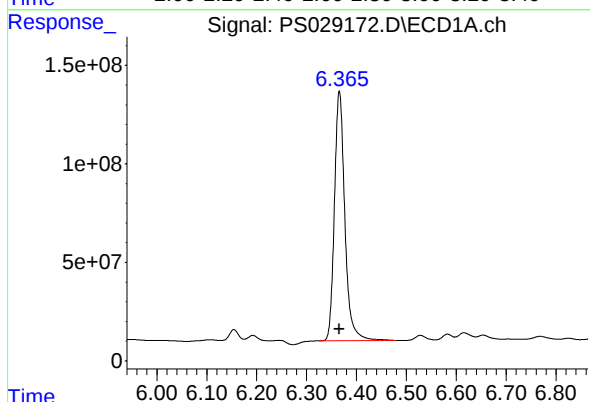
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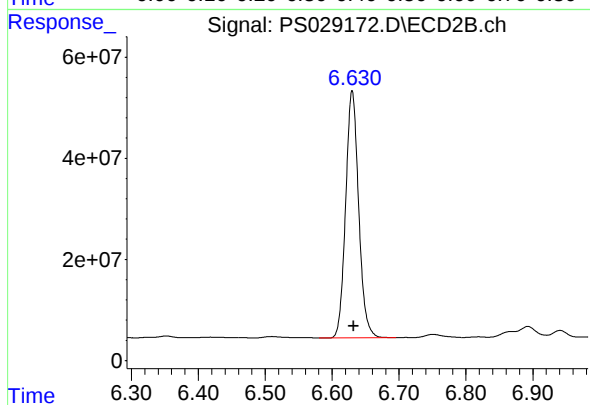
#1 Dalapon

R.T.: 2.659 min
Delta R.T.: 0.000 min
Response: 988989507
Conc: 522.36 ng/ml



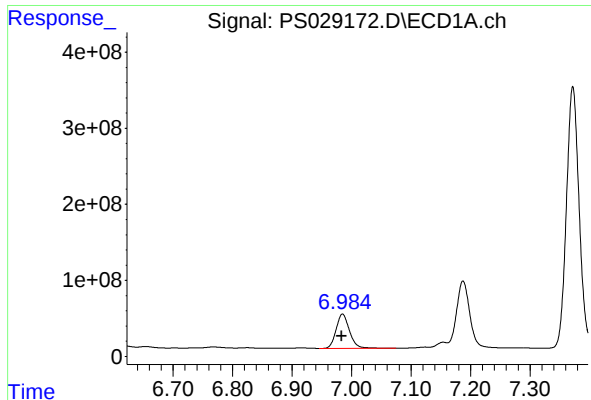
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.366 min
Delta R.T.: 0.000 min
Response: 1842983961
Conc: 465.19 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.630 min
Delta R.T.: -0.002 min
Response: 660952459
Conc: 432.03 ng/ml



#3 4-Nitrophenol

R.T.: 6.985 min
Delta R.T.: 0.001 min
Response: 700647228
Conc: 410.92 ng/ml

Instrument :

ECD_S

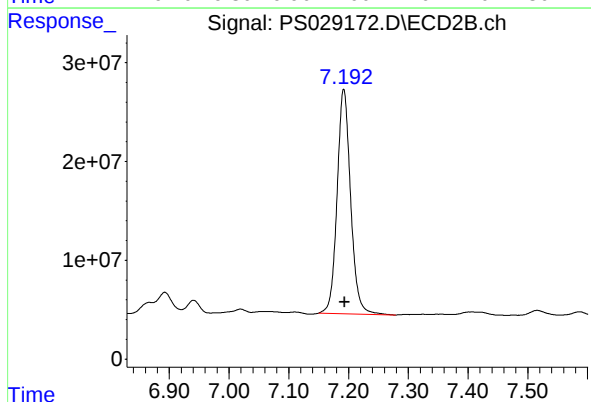
ClientSampleId :

CARBON-WATERMSD

Manual Integrations

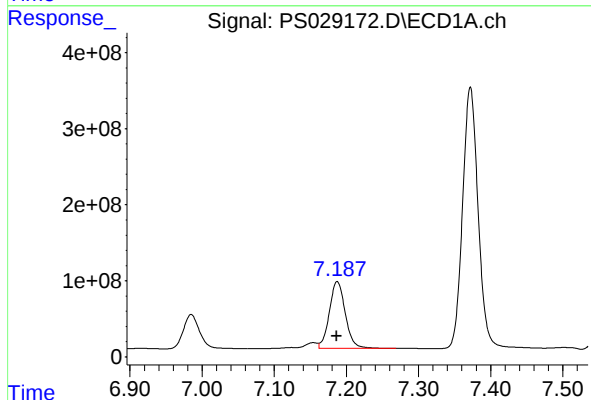
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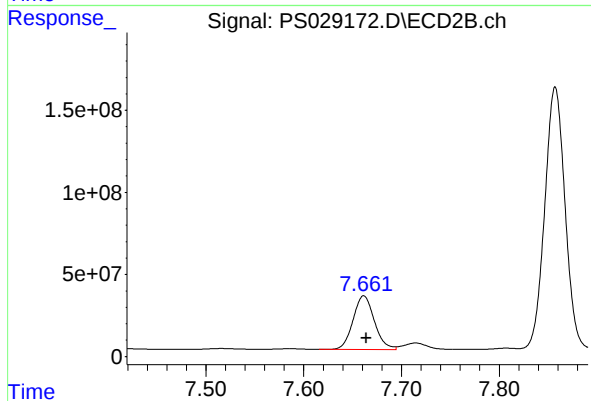
#3 4-Nitrophenol

R.T.: 7.192 min
Delta R.T.: -0.001 min
Response: 356531174
Conc: 411.08 ng/ml



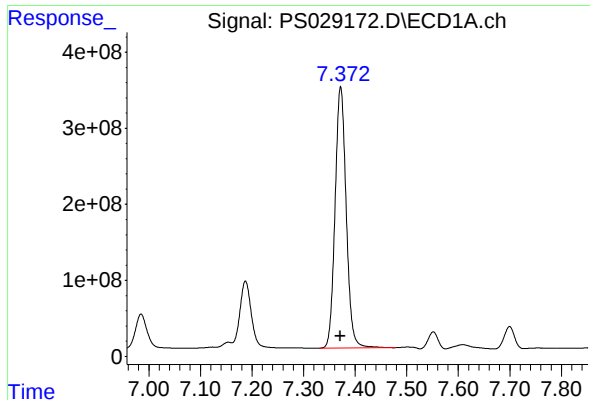
#4 2,4-DCAA

R.T.: 7.187 min
Delta R.T.: 0.000 min
Response: 1339840321
Conc: 484.77 ng/ml m



#4 2,4-DCAA

R.T.: 7.661 min
Delta R.T.: -0.003 min
Response: 496159658
Conc: 468.74 ng/ml



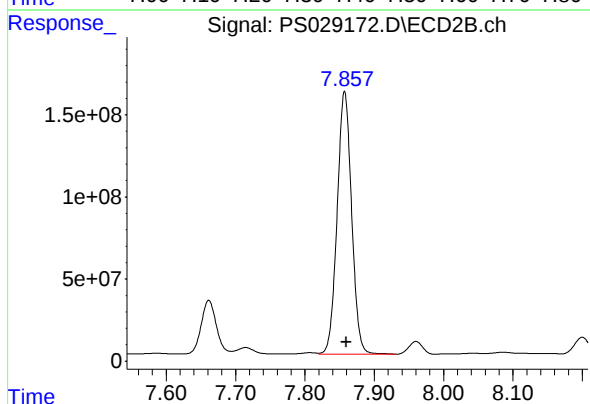
#5 DICAMBA

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 5138421683
Conc: 426.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
CARBON-WATERMSD

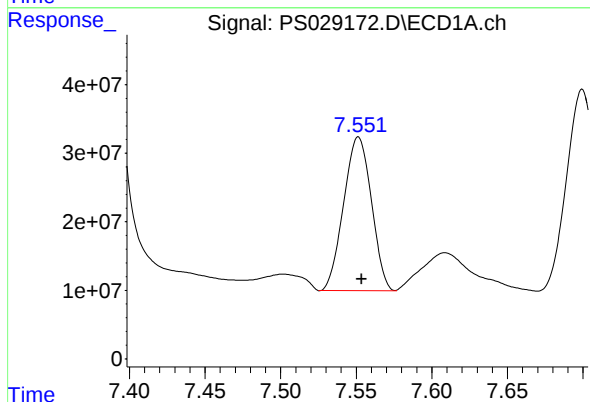
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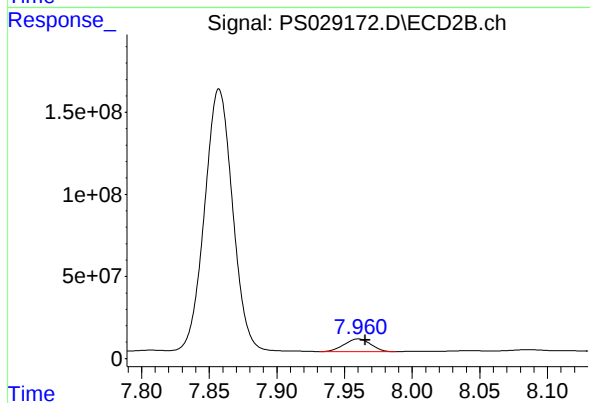
#5 DICAMBA

R.T.: 7.857 min
Delta R.T.: -0.002 min
Response: 2320772824
Conc: 419.93 ng/ml



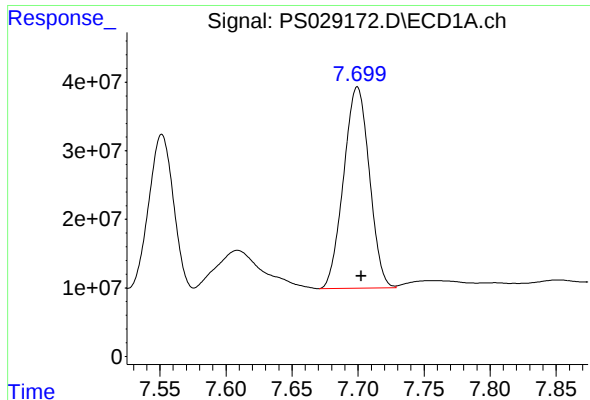
#6 MCP

R.T.: 7.551 min
Delta R.T.: -0.002 min
Response: 287028617
Conc: 41.43 ug/ml



#6 MCP

R.T.: 7.960 min
Delta R.T.: -0.005 min
Response: 106193067
Conc: 43.04 ug/ml



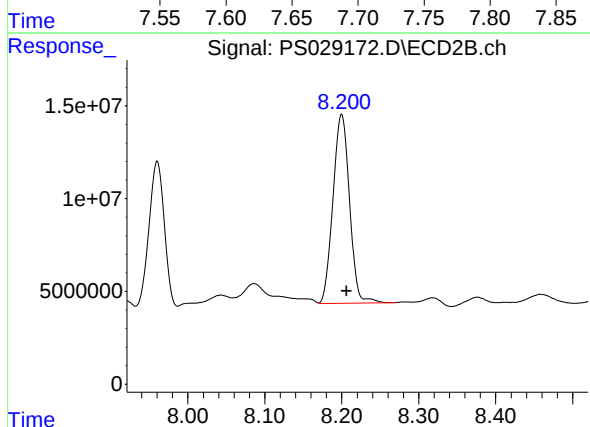
#7 MCPA

R.T.: 7.699 min
Delta R.T.: -0.003 min
Response: 399090910
Conc: 41.69 ug/ml

Instrument :
ECD_S
ClientSampleId :
CARBON-WATERMSD

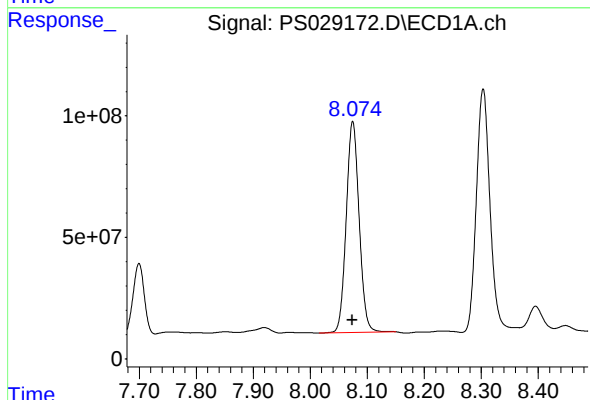
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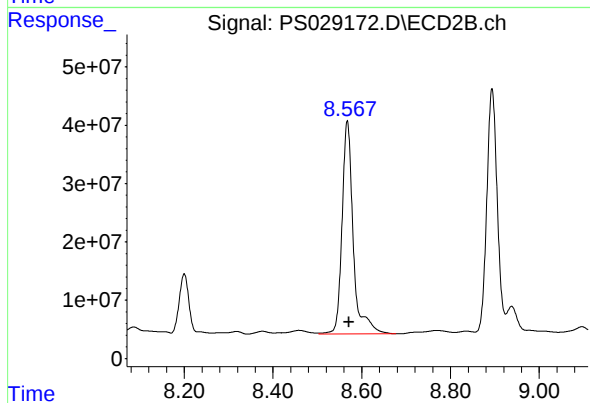
#7 MCPA

R.T.: 8.200 min
Delta R.T.: -0.006 min
Response: 151465006
Conc: 43.30 ug/ml



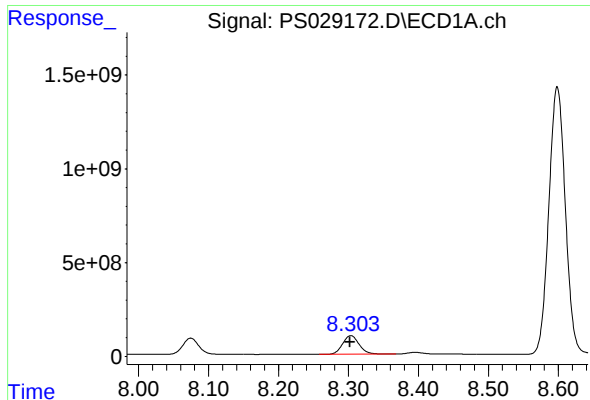
#8 DICHLORPROP

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 1368731139
Conc: 433.27 ng/ml



#8 DICHLORPROP

R.T.: 8.568 min
Delta R.T.: -0.003 min
Response: 641525589
Conc: 465.86 ng/ml



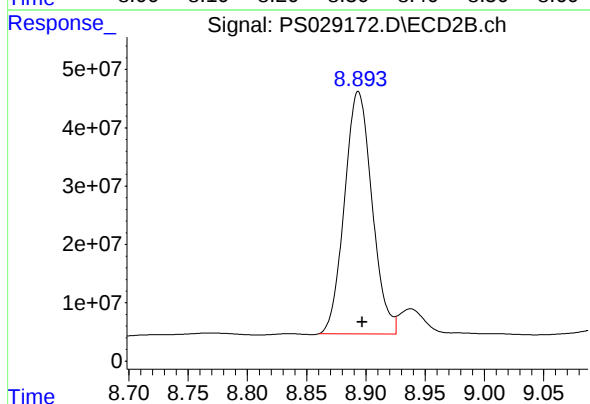
#9 2,4-D

R.T.: 8.303 min
Delta R.T.: 0.001 min
Response: 1618383975
Conc: 481.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
CARBON-WATERMSD

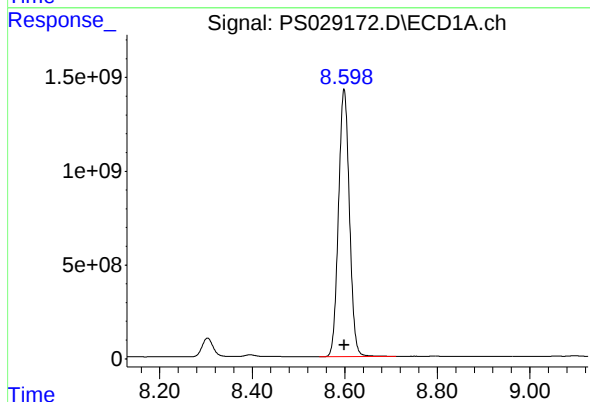
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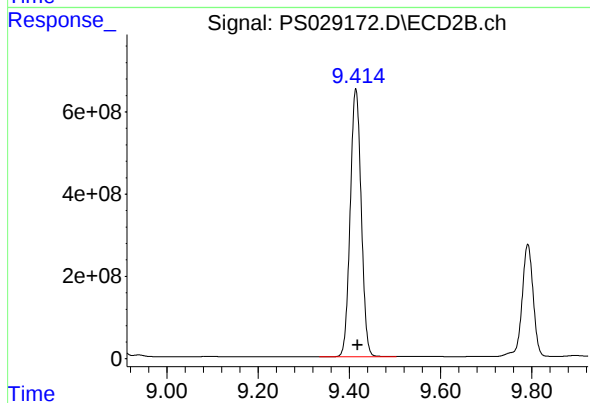
#9 2,4-D

R.T.: 8.894 min
Delta R.T.: -0.003 min
Response: 673300762
Conc: 469.98 ng/ml



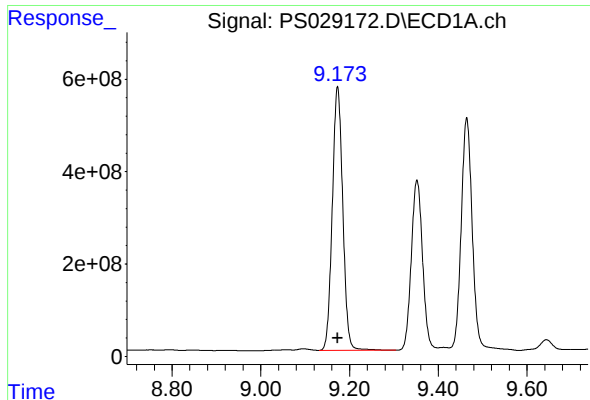
#10 Pentachlorophenol

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 23371049991
Conc: 495.63 ng/ml



#10 Pentachlorophenol

R.T.: 9.414 min
Delta R.T.: -0.005 min
Response: 10912526099
Conc: 452.43 ng/ml



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

R.T.: 9.173 min
Delta R.T.: 0.000 min
Response: 9337446653
Conc: 481.55 ng/ml

Instrument :

ECD_S

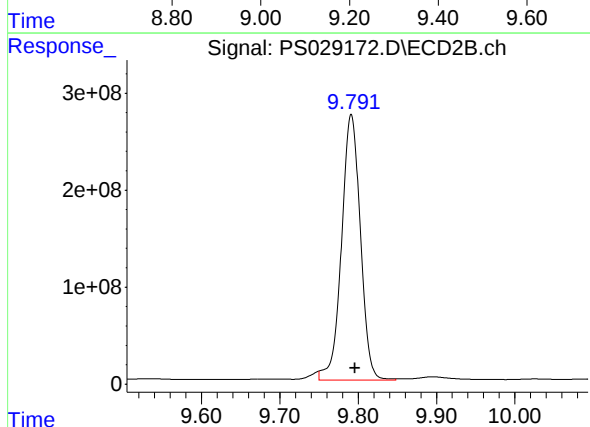
ClientSampleId :

CARBON-WATERMSD

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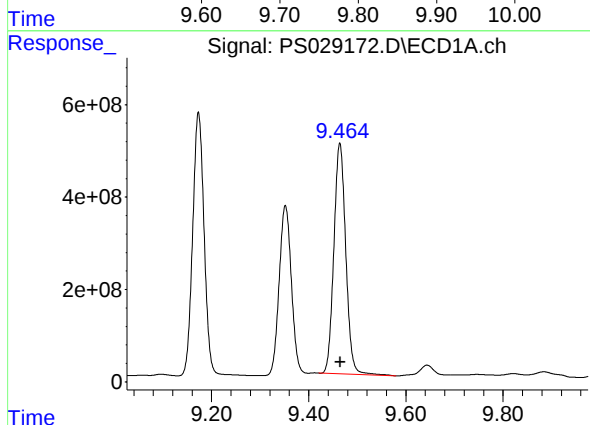
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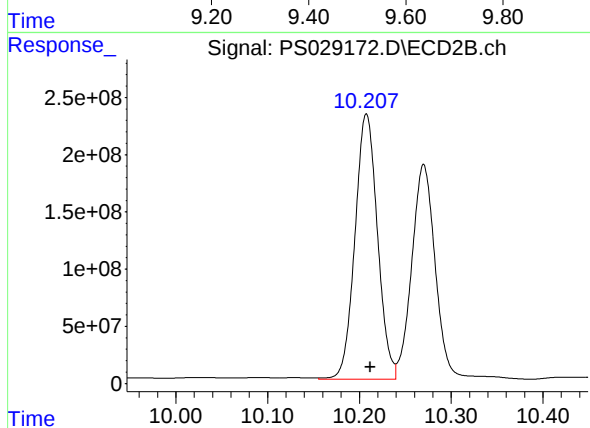
#11 2,4,5-TP (SILVEX)

R.T.: 9.791 min
Delta R.T.: -0.005 min
Response: 4582889358
Conc: 469.16 ng/ml m



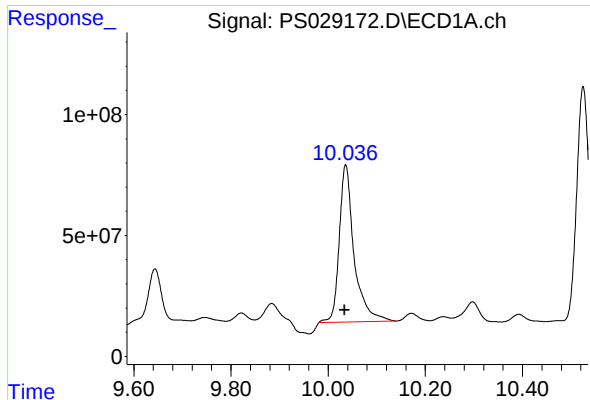
#12 2,4,5-T

R.T.: 9.464 min
Delta R.T.: 0.000 min
Response: 8489680473
Conc: 438.30 ng/ml



#12 2,4,5-T

R.T.: 10.208 min
Delta R.T.: -0.004 min
Response: 3949176970
Conc: 426.37 ng/ml



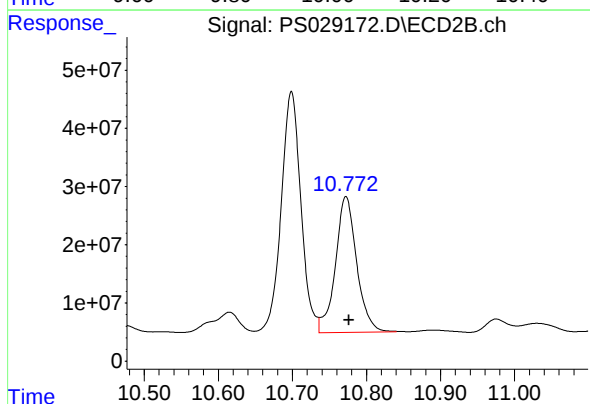
#13 2,4-DB

R.T.: 10.036 min
Delta R.T.: 0.002 min
Response: 1377599345
Conc: 370.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
CARBON-WATERMSD

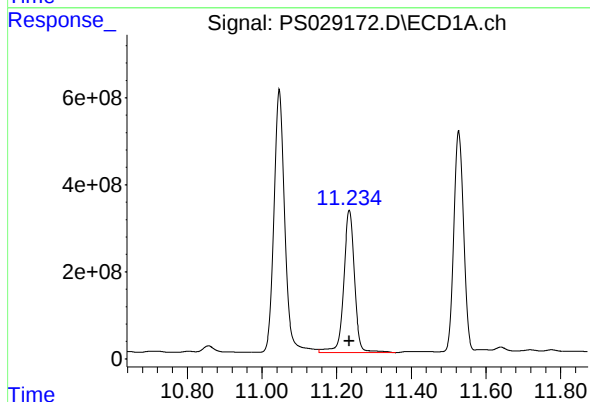
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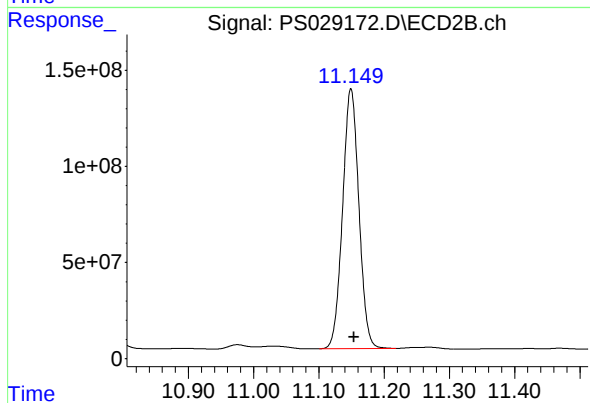
#13 2,4-DB

R.T.: 10.772 min
Delta R.T.: -0.004 min
Response: 465972326
Conc: 490.50 ng/ml m



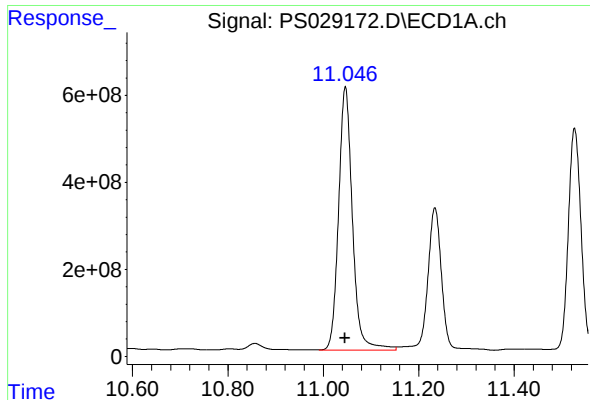
#14 DINOSEB

R.T.: 11.234 min
Delta R.T.: 0.000 min
Response: 6638913437
Conc: 457.84 ng/ml



#14 DINOSEB

R.T.: 11.149 min
Delta R.T.: -0.004 min
Response: 2344525158
Conc: 425.14 ng/ml



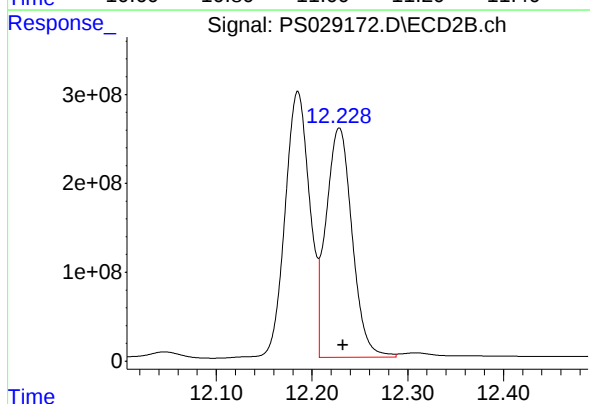
#15 Picloram

R.T.: 11.046 min
Delta R.T.: 0.000 min
Response: 12237040857
Conc: 382.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
CARBON-WATERMSD

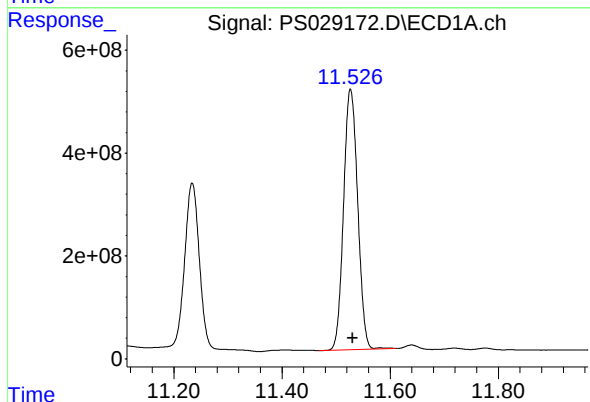
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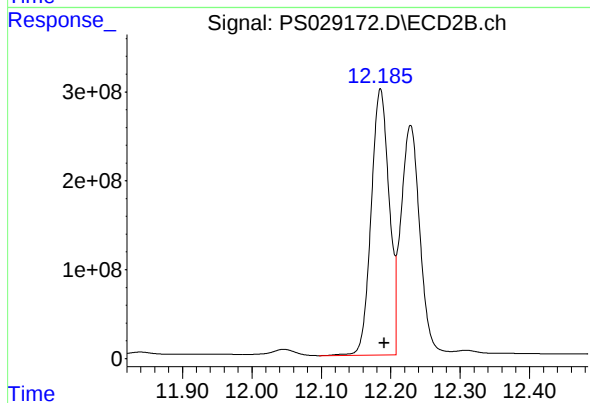
#15 Picloram

R.T.: 12.228 min
Delta R.T.: -0.004 min
Response: 4881642726
Conc: 355.06 ng/ml



#16 DCPA

R.T.: 11.527 min
Delta R.T.: -0.004 min
Response: 9174665199
Conc: 316.41 ng/ml



#16 DCPA

R.T.: 12.185 min
Delta R.T.: -0.006 min
Response: 5388459231
Conc: 436.85 ng/ml