

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091423\
 Data File : PS024310.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Sep 2023 22:07
 Operator : AR\AJ
 Sample : 04400-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 JOYCE-KILMER-SOILMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/15/2023
 Supervised By :Ankita Jodhani 09/15/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 02:07:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS082823.M
 Quant Title : 8080.M
 QLast Update : Mon Aug 28 16:48:10 2023
 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	6.362	6.788	787.4E6	224.0E6	395.223	333.532
Target Compounds							
1) T	Dalapon	2.476	2.541	795.1E6	452.1E6	365.798m	428.690m
2) T	3,5-DICHL...	5.736	5.973	940.3E6	294.7E6	309.344	282.653
5) T	DICAMBA	6.504	6.951	2596.6E6	811.6E6	297.876	281.794
6) T	MCP	6.653	7.045	162.2E6	46935976	26.053	24.501m
7) T	MCPA	6.776	7.251	242.0E6	79331131	27.885	27.140
8) T	DICHLORPROP	7.092	7.567	627.9E6	235.3E6	276.220	323.892
9) T	2,4-D	7.289	7.851	849.6E6	276.3E6	319.397	310.153
10) T	Pentachlo...	7.519	8.275	7581.8E6	2361.0E6	242.443	222.845
11) T	2,4,5-TP ...	8.040	8.634	3377.8E6	1034.0E6	252.698	249.209
12) T	2,4,5-T	8.295	9.004	3514.3E6	1068.2E6	283.639	266.185
13) T	2,4-DB	8.802	9.508	503.5E6	124.9E6	233.557	271.678
15) T	Picloram	9.679	10.789	4331.9E6	1602.9E6	265.252	269.903
16) T	DCPA	10.119	10.759	5590.6E6	1575.2E6	345.230	307.051

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

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Acq On : 14 Sep 2023 22:07
Operator : AR\AJ
Sample : 04400-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

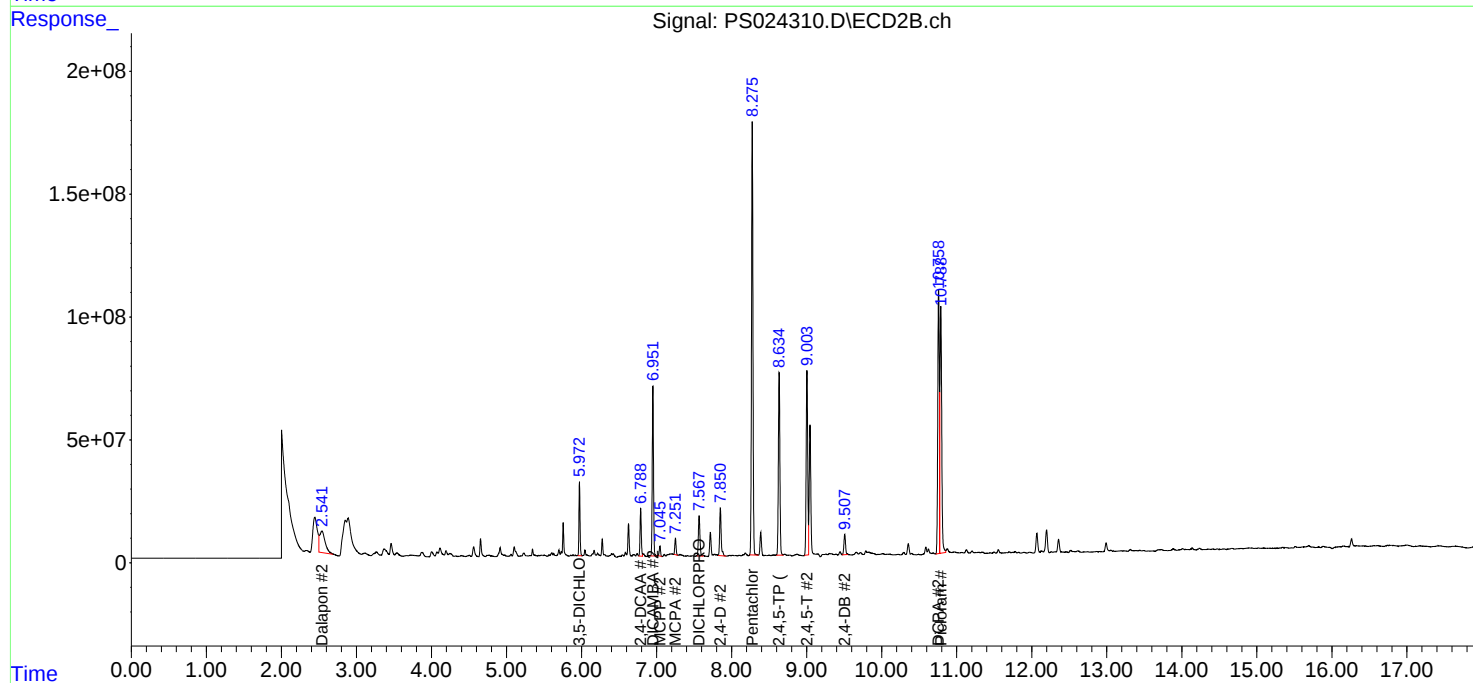
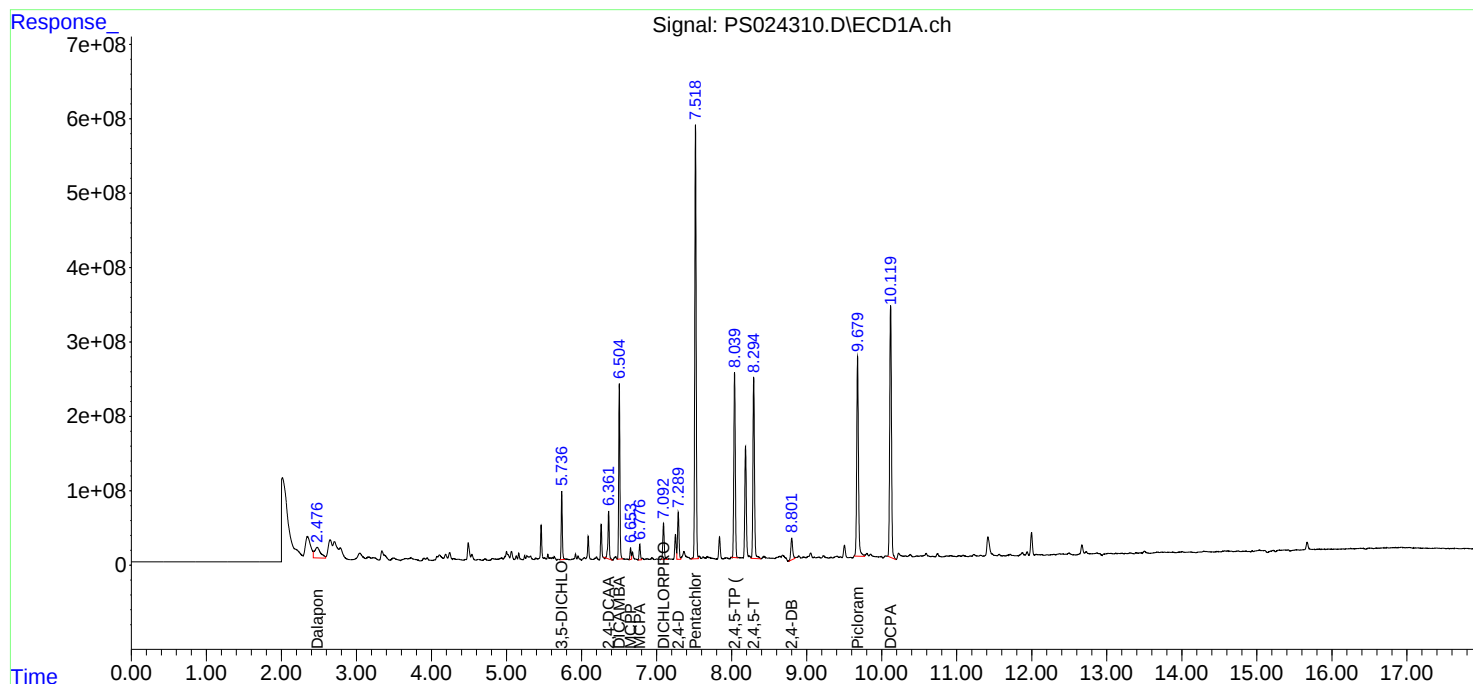
Instrument :
ECD_S
ClientSampleId :
JOYCE-KILMER-SOILMS

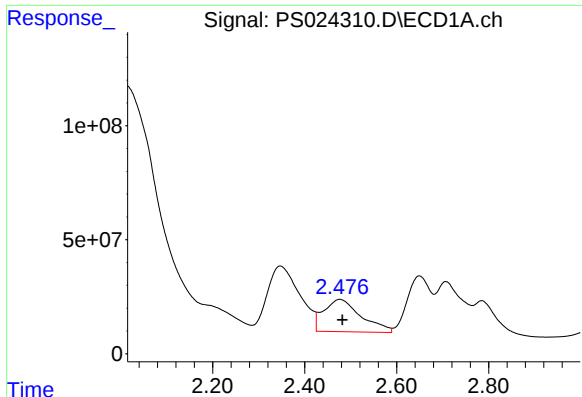
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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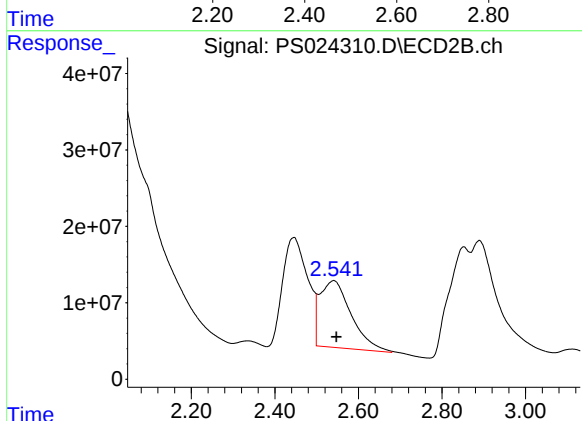
#1 Dalapon

R.T.: 2.476 min
Delta R.T.: -0.006 min
Response: 795062473
Conc: 365.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
JOYCE-KILMER-SOILMS

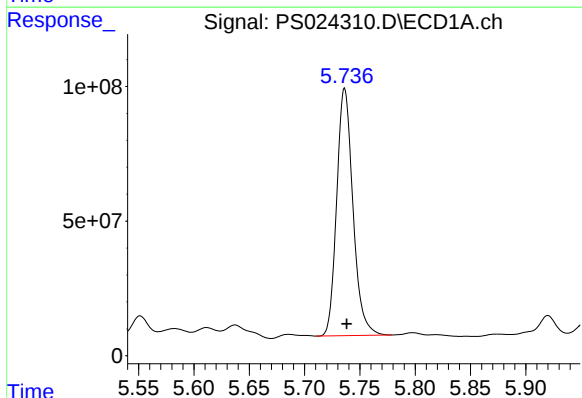
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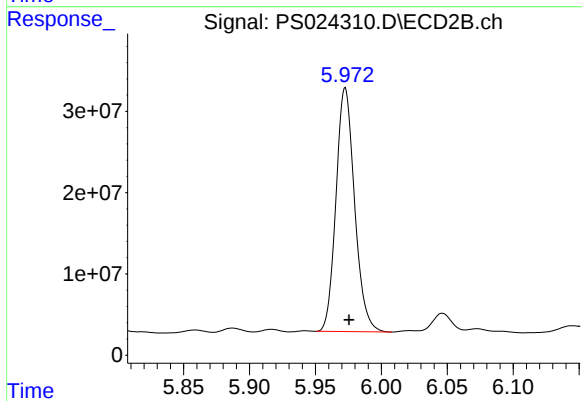
#1 Dalapon

R.T.: 2.541 min
Delta R.T.: -0.006 min
Response: 452056647
Conc: 428.69 ng/ml m



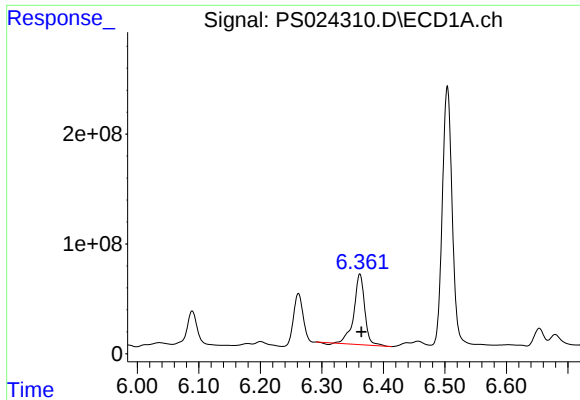
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.736 min
Delta R.T.: -0.002 min
Response: 940335678
Conc: 309.34 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.973 min
Delta R.T.: -0.003 min
Response: 294719088
Conc: 282.65 ng/ml



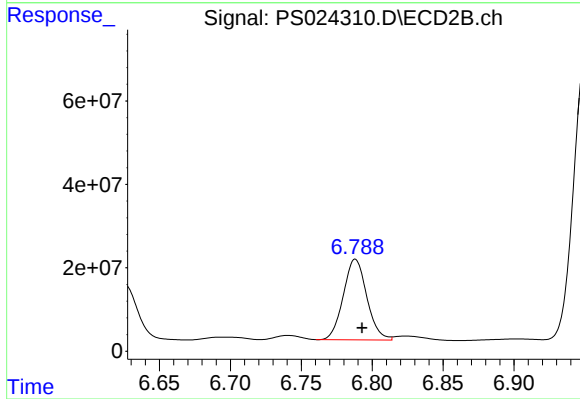
#4 2,4-DCAA

R.T.: 6.362 min
Delta R.T.: -0.003 min
Response: 787410295
Conc: 395.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
JOYCE-KILMER-SOILMS

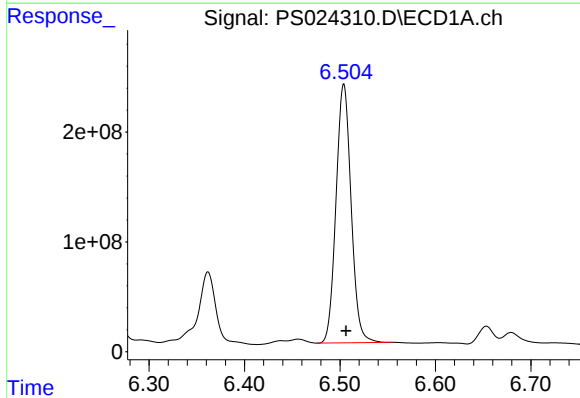
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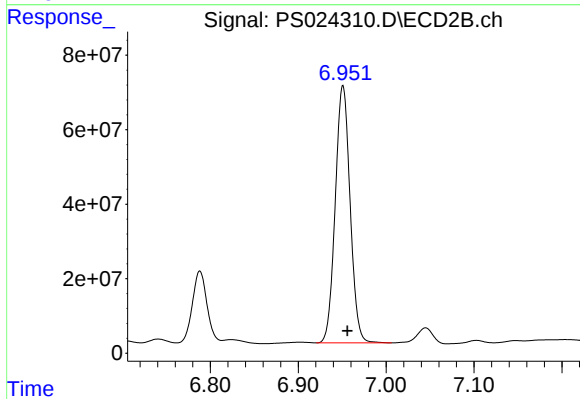
#4 2,4-DCAA

R.T.: 6.788 min
Delta R.T.: -0.005 min
Response: 223997526
Conc: 333.53 ng/ml



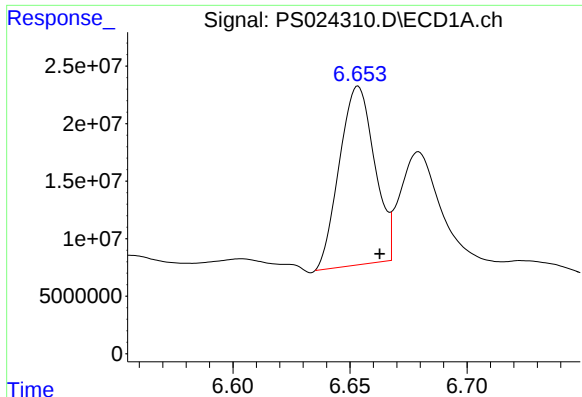
#5 DICAMBA

R.T.: 6.504 min
Delta R.T.: -0.003 min
Response: 2596633115
Conc: 297.88 ng/ml



#5 DICAMBA

R.T.: 6.951 min
Delta R.T.: -0.005 min
Response: 811611905
Conc: 281.79 ng/ml



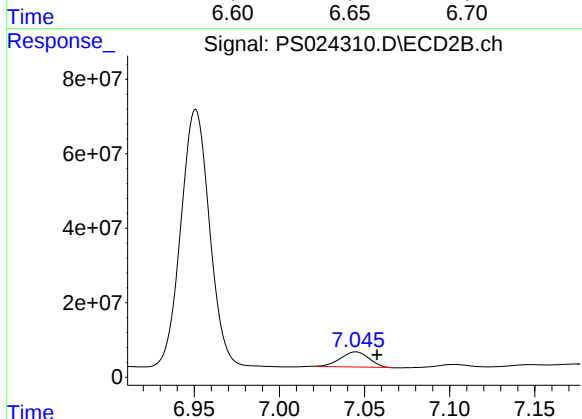
#6 MCP

R.T.: 6.653 min
Delta R.T.: -0.009 min
Response: 162236416
Conc: 26.05 ug/ml

Instrument :
ECD_S
ClientSampleId :
JOYCE-KILMER-SOILMS

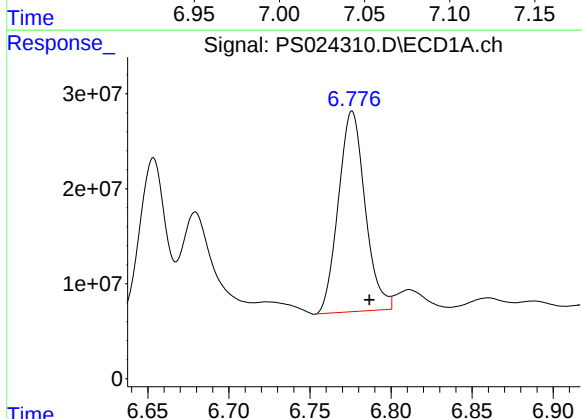
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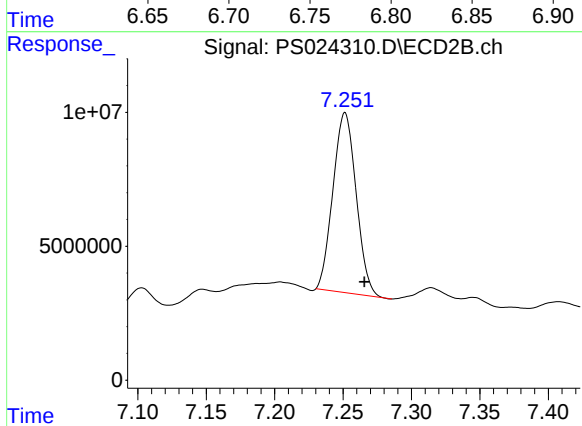
#6 MCP

R.T.: 7.045 min
Delta R.T.: -0.013 min
Response: 46935976
Conc: 24.50 ug/ml m



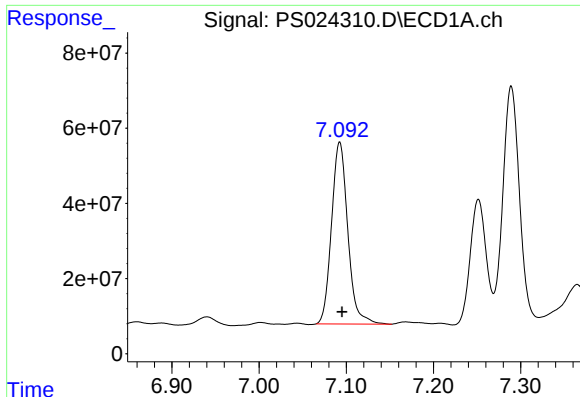
#7 MCPA

R.T.: 6.776 min
Delta R.T.: -0.011 min
Response: 242030572
Conc: 27.89 ug/ml



#7 MCPA

R.T.: 7.251 min
Delta R.T.: -0.014 min
Response: 79331131
Conc: 27.14 ug/ml



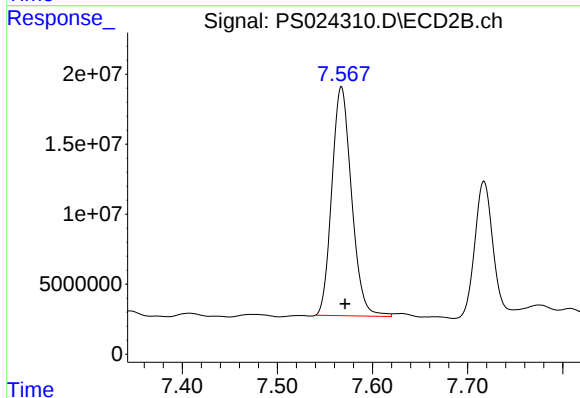
#8 DICHLORPROP

R.T.: 7.092 min
Delta R.T.: -0.003 min
Response: 627944632
Conc: 276.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
JOYCE-KILMER-SOILMS

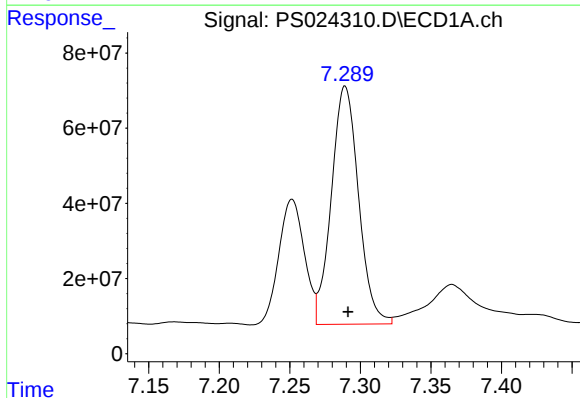
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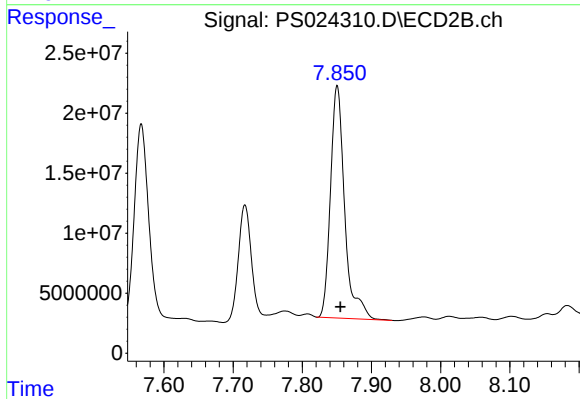
#8 DICHLORPROP

R.T.: 7.567 min
Delta R.T.: -0.004 min
Response: 235329743
Conc: 323.89 ng/ml



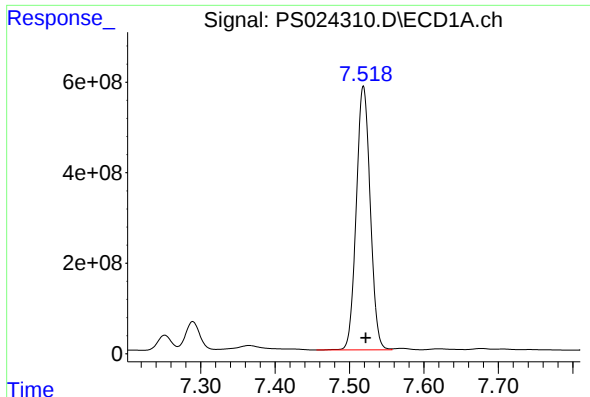
#9 2,4-D

R.T.: 7.289 min
Delta R.T.: -0.002 min
Response: 849559143
Conc: 319.40 ng/ml



#9 2,4-D

R.T.: 7.851 min
Delta R.T.: -0.005 min
Response: 276310902
Conc: 310.15 ng/ml



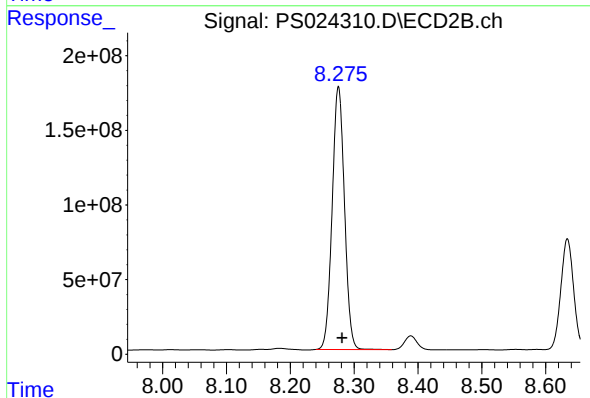
#10 Pentachlorophenol

R.T.: 7.519 min
Delta R.T.: -0.003 min
Response: 7581812166
Conc: 242.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
JOYCE-KILMER-SOILMS

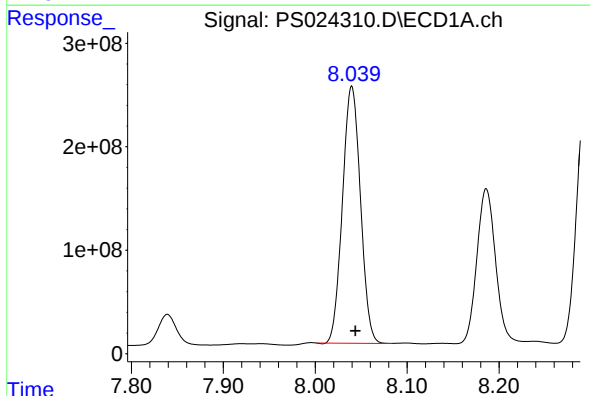
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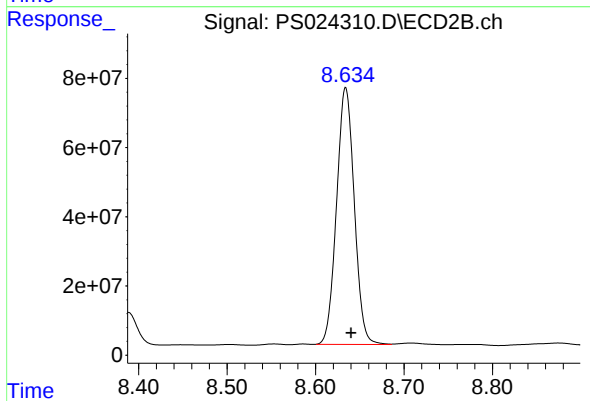
#10 Pentachlorophenol

R.T.: 8.275 min
Delta R.T.: -0.006 min
Response: 2360970099
Conc: 222.84 ng/ml



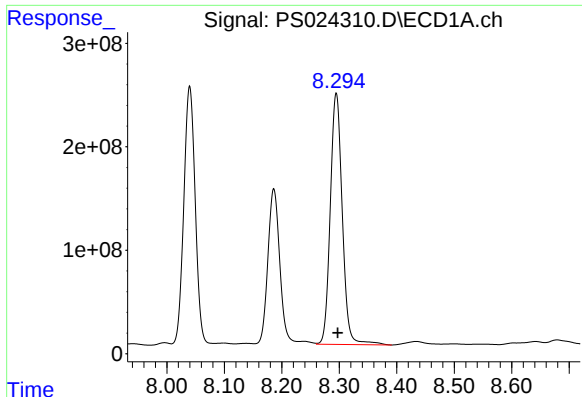
#11 2,4,5-TP (SILVEX)

R.T.: 8.040 min
Delta R.T.: -0.004 min
Response: 3377757893
Conc: 252.70 ng/ml



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

R.T.: 8.634 min
Delta R.T.: -0.006 min
Response: 1034023941
Conc: 249.21 ng/ml



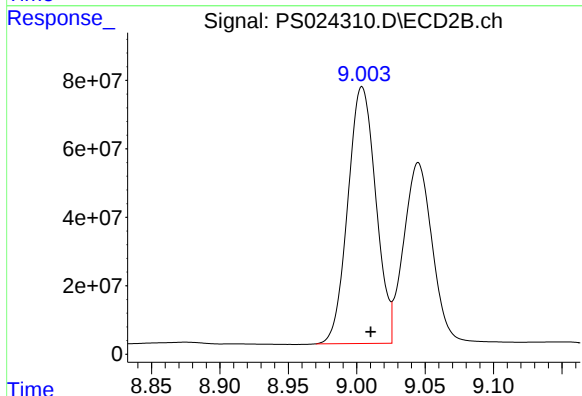
#12 2,4,5-T

R.T.: 8.295 min
Delta R.T.: -0.003 min
Response: 3514300624
Conc: 283.64 ng/ml

Instrument :
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ClientSampleId :
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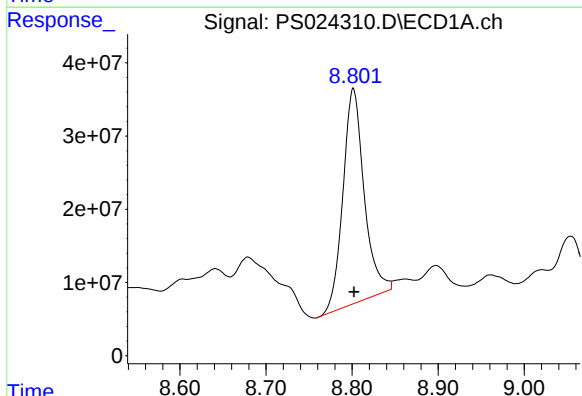
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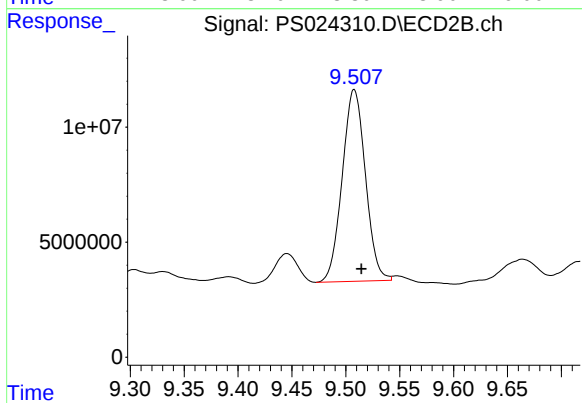
#12 2,4,5-T

R.T.: 9.004 min
Delta R.T.: -0.006 min
Response: 1068216251
Conc: 266.18 ng/ml



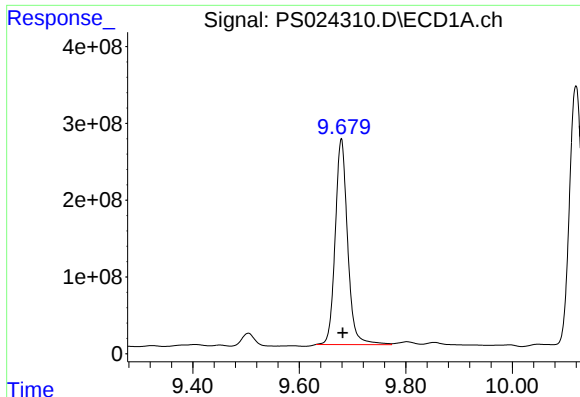
#13 2,4-DB

R.T.: 8.802 min
Delta R.T.: 0.000 min
Response: 503465523
Conc: 233.56 ng/ml



#13 2,4-DB

R.T.: 9.508 min
Delta R.T.: -0.007 min
Response: 124867587
Conc: 271.68 ng/ml



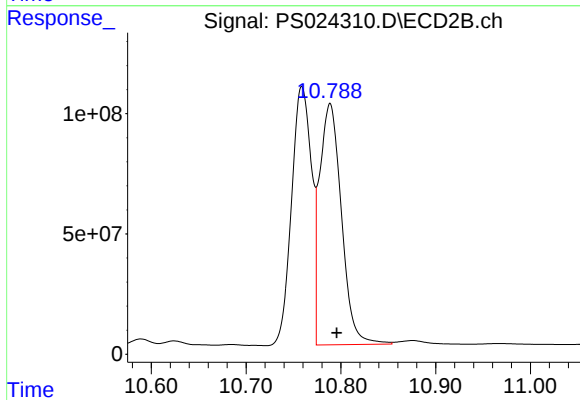
#15 Picloram

R.T.: 9.679 min
Delta R.T.: -0.003 min
Response: 4331884851
Conc: 265.25 ng/ml

Instrument :
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ClientSampleId :
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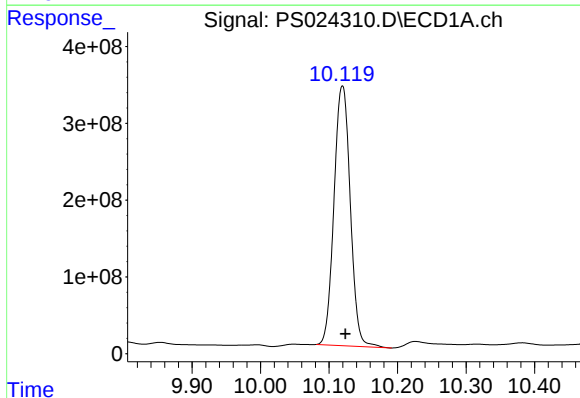
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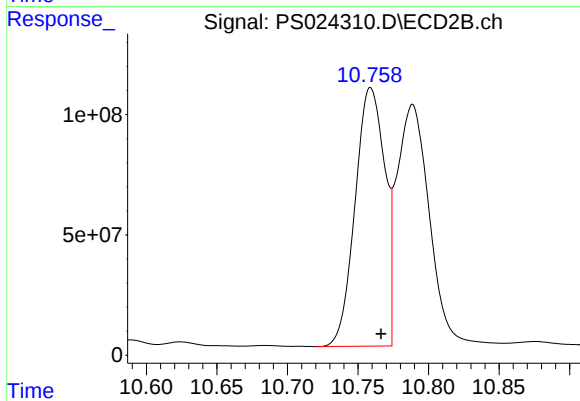
#15 Picloram

R.T.: 10.789 min
Delta R.T.: -0.007 min
Response: 1602895564
Conc: 269.90 ng/ml



#16 DCPA

R.T.: 10.119 min
Delta R.T.: -0.004 min
Response: 5590640687
Conc: 345.23 ng/ml



#16 DCPA

R.T.: 10.759 min
Delta R.T.: -0.007 min
Response: 1575159757
Conc: 307.05 ng/ml