

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091423\
 Data File : PS024311.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Sep 2023 22:31
 Operator : AR\AJ
 Sample : 04400-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 JOYCE-KILMER-SOILMSD

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 02:08:20 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 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	6.362	6.789	787.2E6	226.0E6	395.093	336.529
Target Compounds							
1) T	Dalapon	2.474	2.539	715.7E6	472.3E6	329.296m	447.872m#
2) T	3,5-DICHL...	5.736	5.973	948.4E6	297.6E6	311.996	285.435
5) T	DICAMBA	6.505	6.951	2631.2E6	821.5E6	301.843	285.228
6) T	MCP	6.653	7.045	166.1E6	52390992	26.671	27.349m
7) T	MCPA	6.776	7.252	216.5E6	79374644	24.941	27.155
8) T	DICHLORPROP	7.092	7.568	632.7E6	234.9E6	278.312	323.257
9) T	2,4-D	7.289	7.851	857.4E6	278.8E6	322.344	312.974
10) T	Pentachlo...	7.518	8.276	7603.7E6	2365.5E6	243.141	223.277
11) T	2,4,5-TP ...	8.039	8.634	3399.9E6	1036.8E6	254.353	249.877
12) T	2,4,5-T	8.295	9.005	3536.4E6	1074.2E6	285.419	267.672
13) T	2,4-DB	8.801	9.509	504.6E6	126.7E6	234.085	275.673
15) T	Picloram	9.679	10.789	4393.0E6	1604.4E6	268.996	270.150
16) T	DCPA	10.119	10.760	5800.5E6	1665.0E6	358.187	324.563

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

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Operator : AR\AJ
Sample : 04400-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

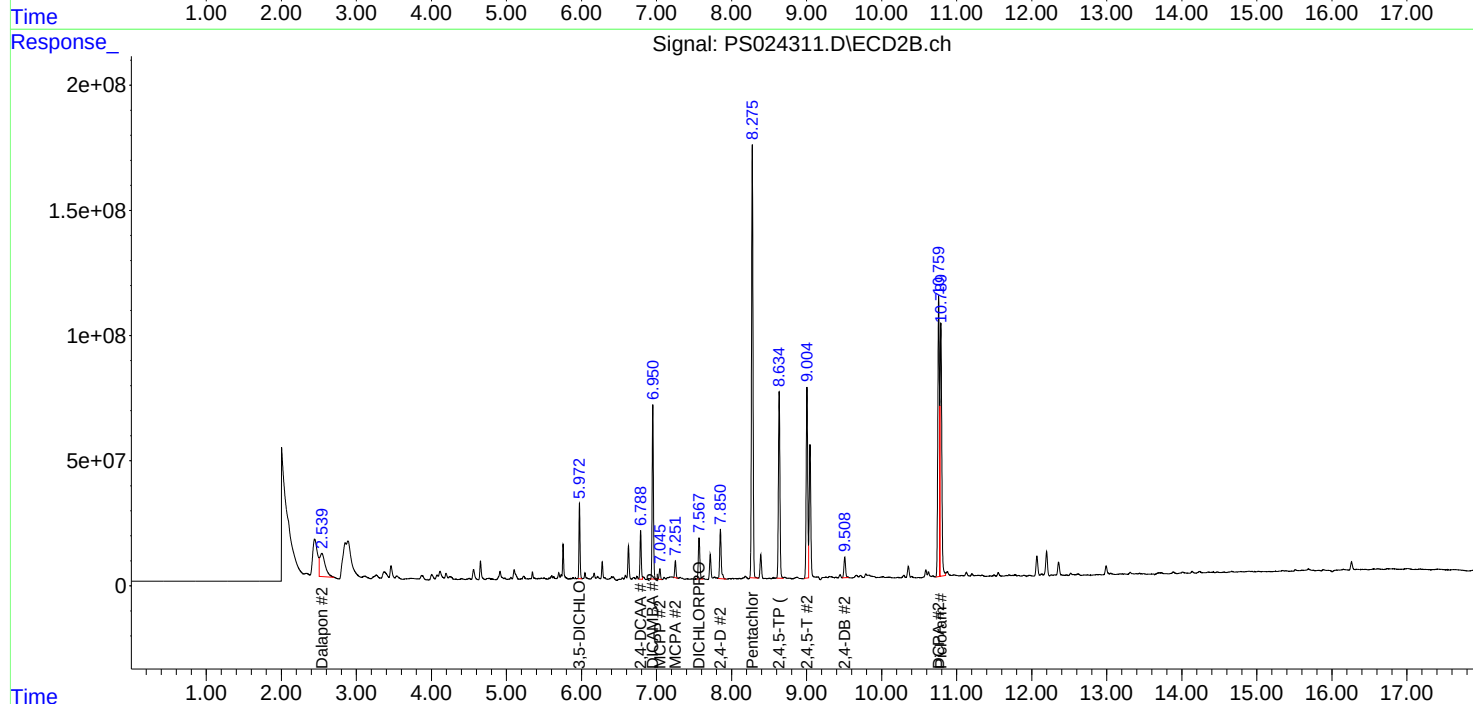
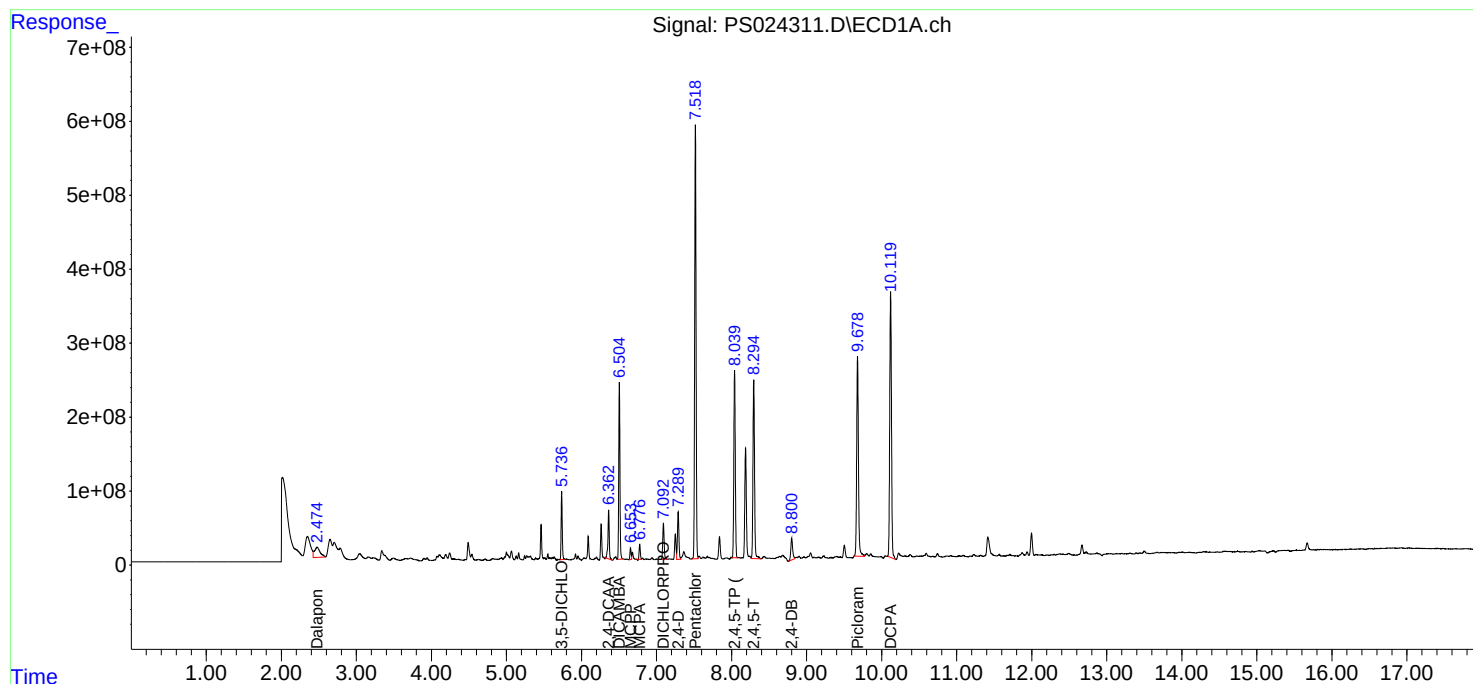
Instrument :
ECD_S
ClientSampleId :
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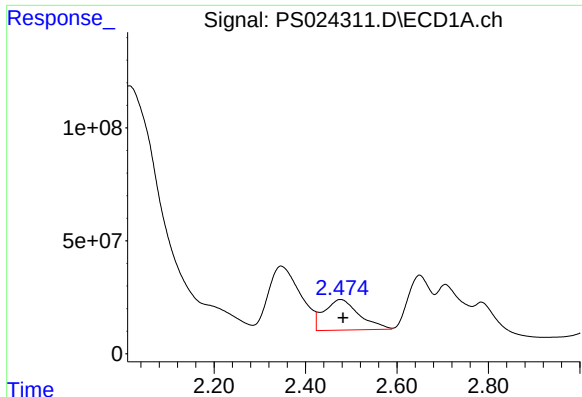
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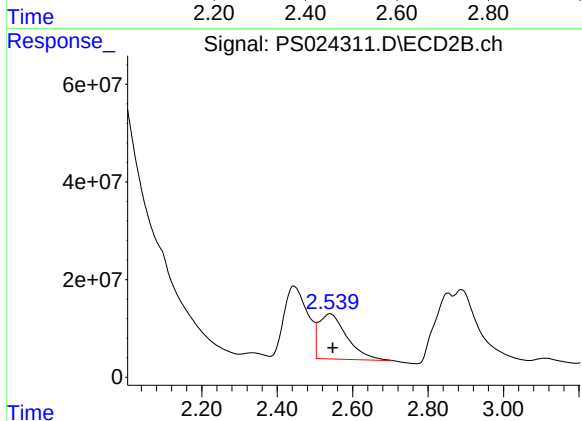
#1 Dalapon

R.T.: 2.474 min
Delta R.T.: -0.008 min
Response: 715723471
Conc: 329.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
JOYCE-KILMER-SOILMSD

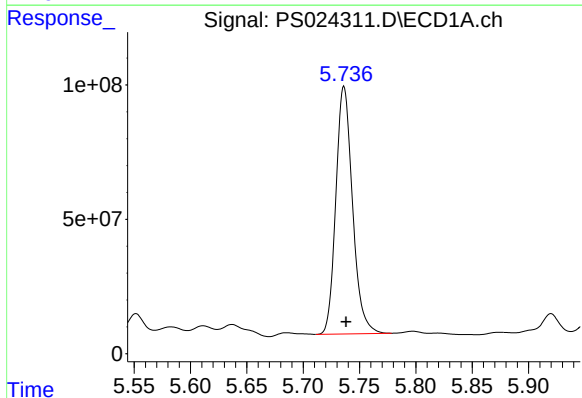
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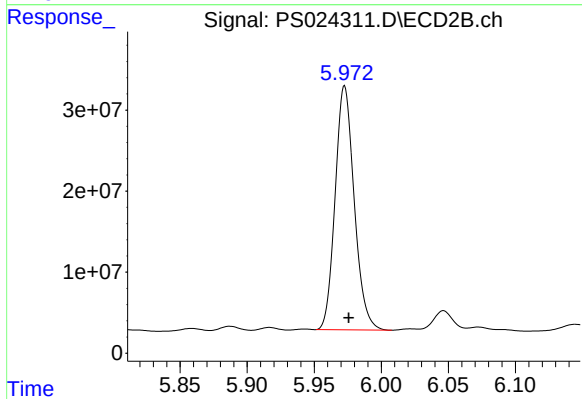
#1 Dalapon

R.T.: 2.539 min
Delta R.T.: -0.008 min
Response: 472284044
Conc: 447.87 ng/ml m



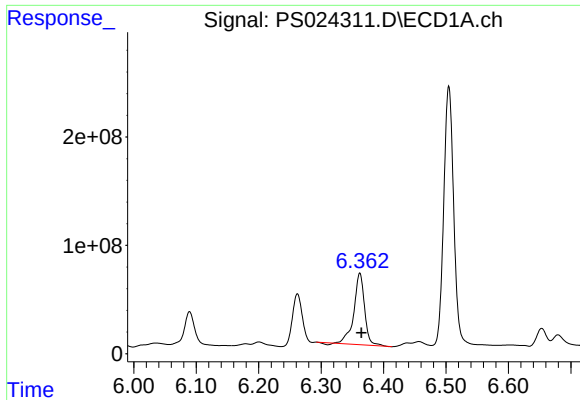
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.736 min
Delta R.T.: -0.002 min
Response: 948396657
Conc: 312.00 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.973 min
Delta R.T.: -0.003 min
Response: 297620277
Conc: 285.43 ng/ml



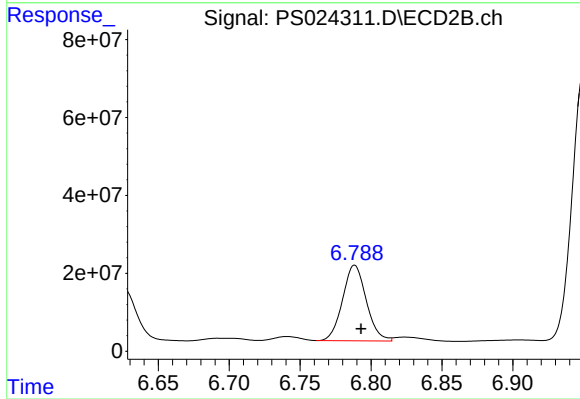
#4 2,4-DCAA

R.T.: 6.362 min
Delta R.T.: -0.002 min
Response: 787152194
Conc: 395.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
JOYCE-KILMER-SOILMSD

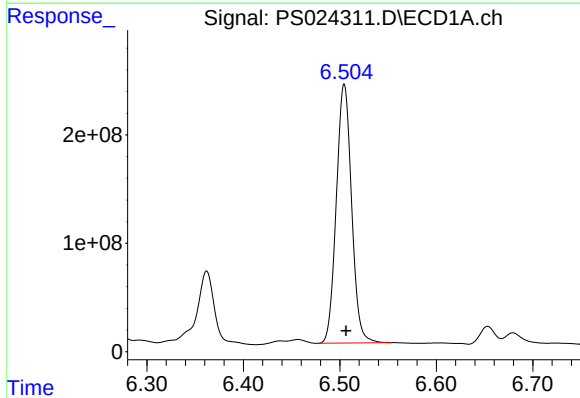
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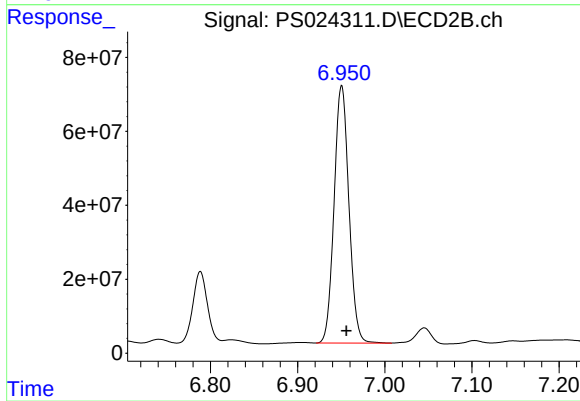
#4 2,4-DCAA

R.T.: 6.789 min
Delta R.T.: -0.004 min
Response: 226010163
Conc: 336.53 ng/ml



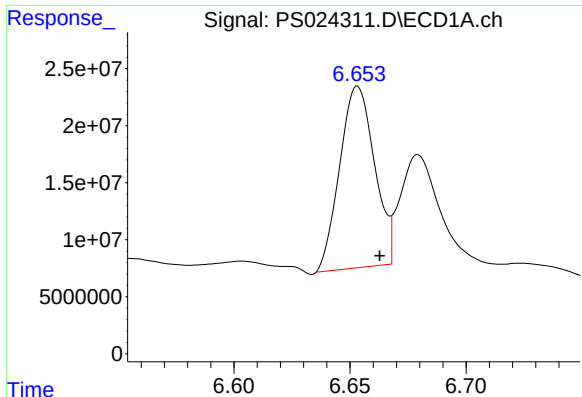
#5 DICAMBA

R.T.: 6.505 min
Delta R.T.: -0.002 min
Response: 2631220680
Conc: 301.84 ng/ml



#5 DICAMBA

R.T.: 6.951 min
Delta R.T.: -0.005 min
Response: 821502643
Conc: 285.23 ng/ml



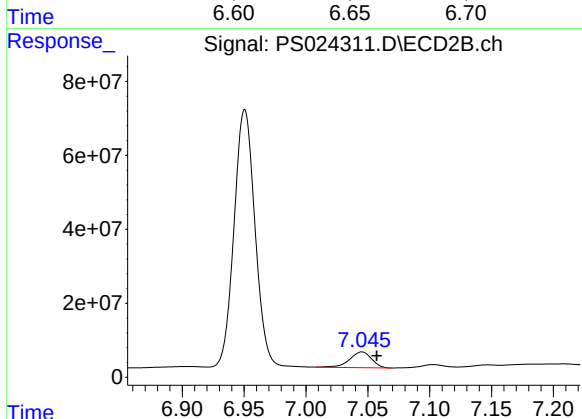
#6 MCP

R.T.: 6.653 min
Delta R.T.: -0.009 min
Response: 166084935
Conc: 26.67 ug/ml

Instrument :
ECD_S
ClientSampleId :
JOYCE-KILMER-SOILMSD

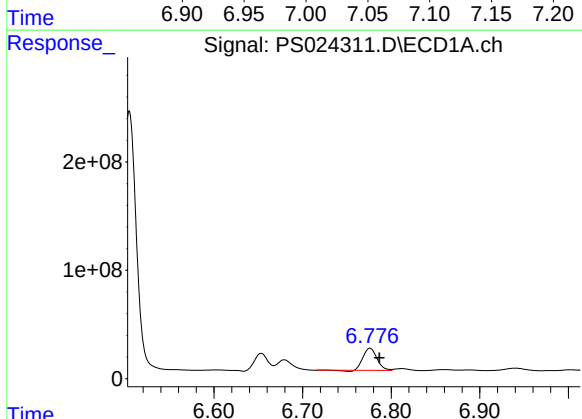
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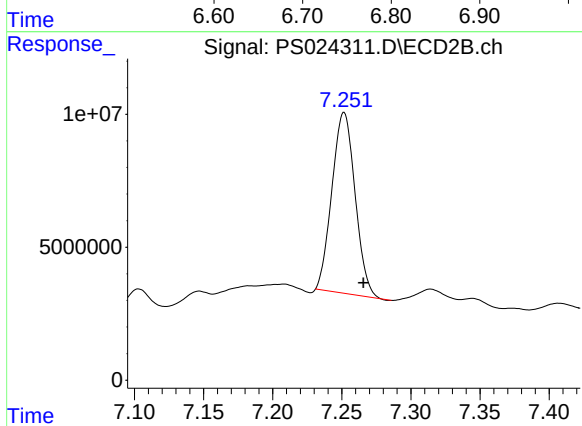
#6 MCP

R.T.: 7.045 min
Delta R.T.: -0.012 min
Response: 52390992
Conc: 27.35 ug/ml m



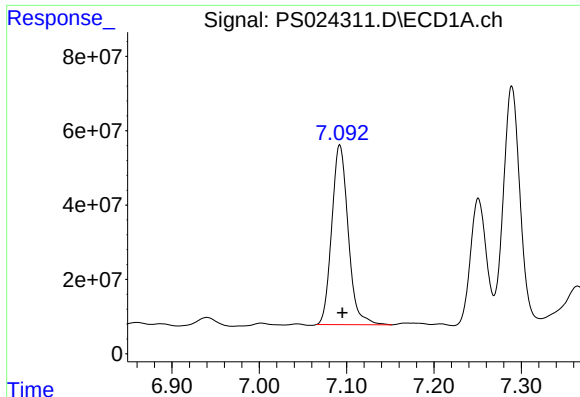
#7 MCPA

R.T.: 6.776 min
Delta R.T.: -0.011 min
Response: 216478021
Conc: 24.94 ug/ml



#7 MCPA

R.T.: 7.252 min
Delta R.T.: -0.014 min
Response: 79374644
Conc: 27.15 ug/ml



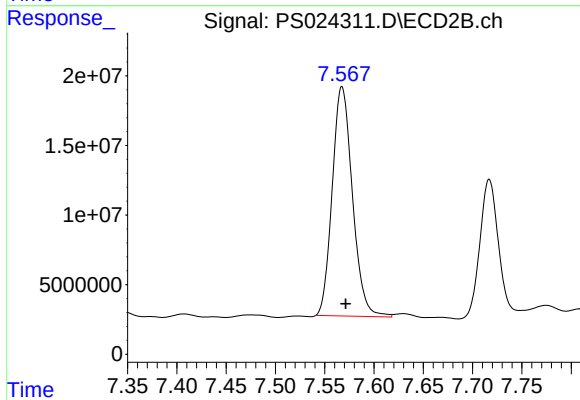
#8 DICHLORPROP

R.T.: 7.092 min
Delta R.T.: -0.003 min
Response: 632700172
Conc: 278.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
JOYCE-KILMER-SOILMSD

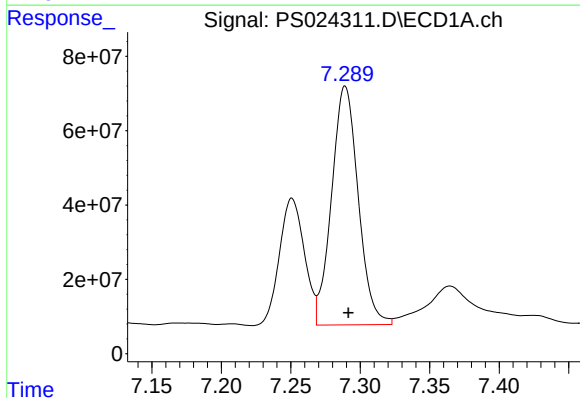
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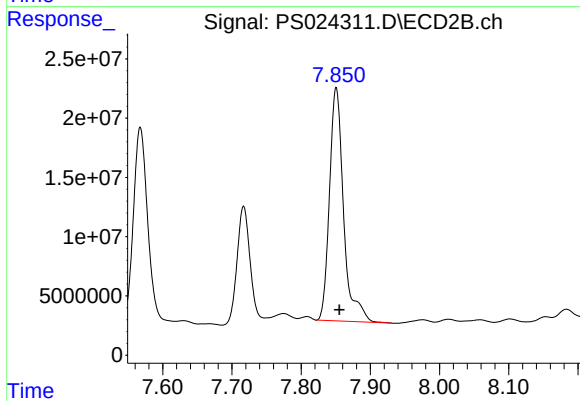
#8 DICHLORPROP

R.T.: 7.568 min
Delta R.T.: -0.004 min
Response: 234868771
Conc: 323.26 ng/ml



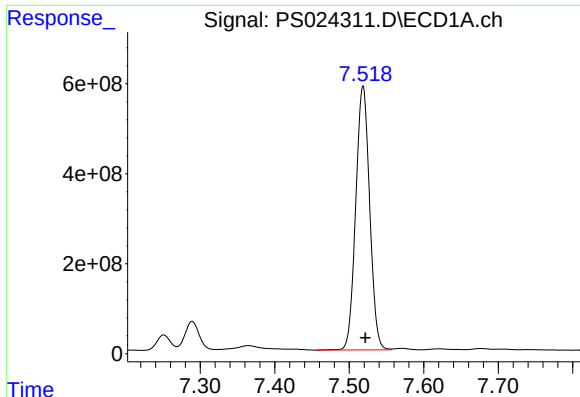
#9 2,4-D

R.T.: 7.289 min
Delta R.T.: -0.002 min
Response: 857396952
Conc: 322.34 ng/ml



#9 2,4-D

R.T.: 7.851 min
Delta R.T.: -0.005 min
Response: 278823819
Conc: 312.97 ng/ml



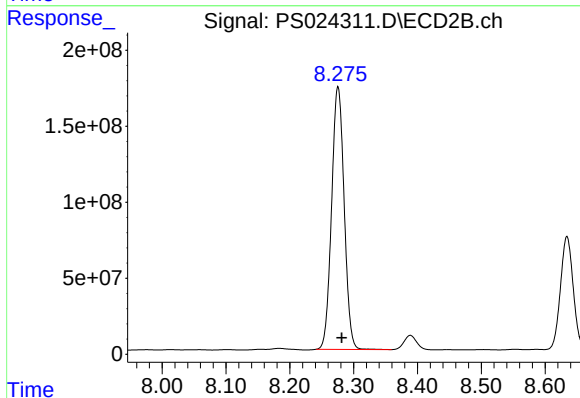
#10 Pentachlorophenol

R.T.: 7.518 min
Delta R.T.: -0.004 min
Response: 7603655869
Conc: 243.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
JOYCE-KILMER-SOILMSD

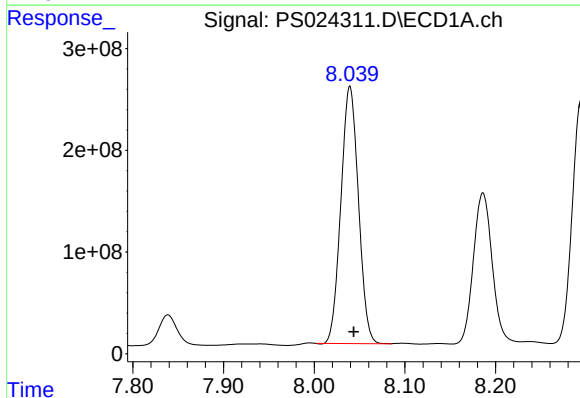
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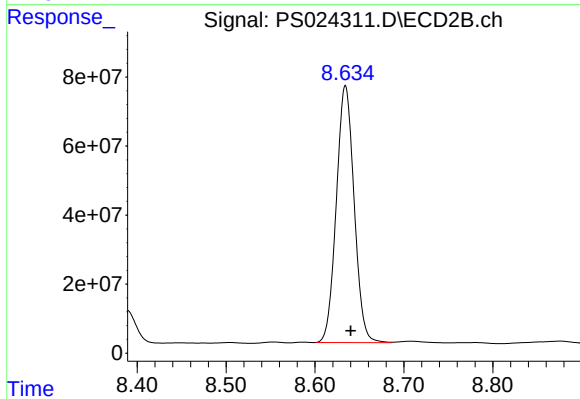
#10 Pentachlorophenol

R.T.: 8.276 min
Delta R.T.: -0.006 min
Response: 2365546147
Conc: 223.28 ng/ml



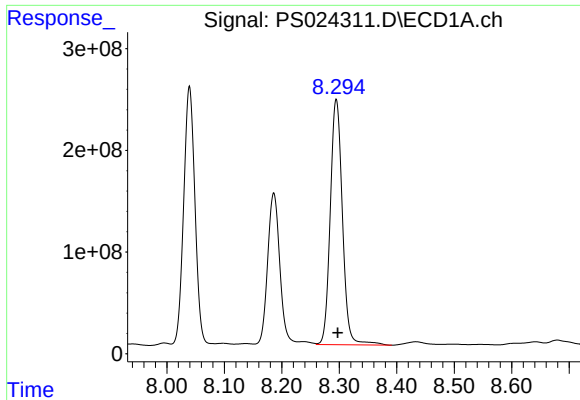
#11 2,4,5-TP (SILVEX)

R.T.: 8.039 min
Delta R.T.: -0.004 min
Response: 3399878859
Conc: 254.35 ng/ml



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

R.T.: 8.634 min
Delta R.T.: -0.006 min
Response: 1036796002
Conc: 249.88 ng/ml



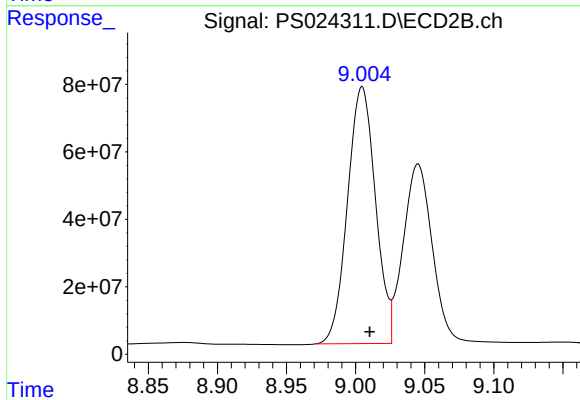
#12 2,4,5-T

R.T.: 8.295 min
Delta R.T.: -0.003 min
Response: 3536351657
Conc: 285.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
JOYCE-KILMER-SOILMSD

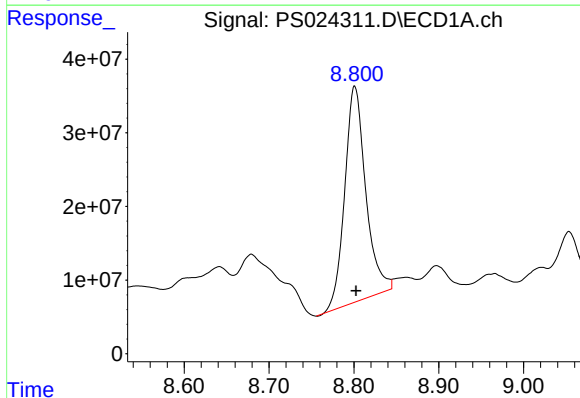
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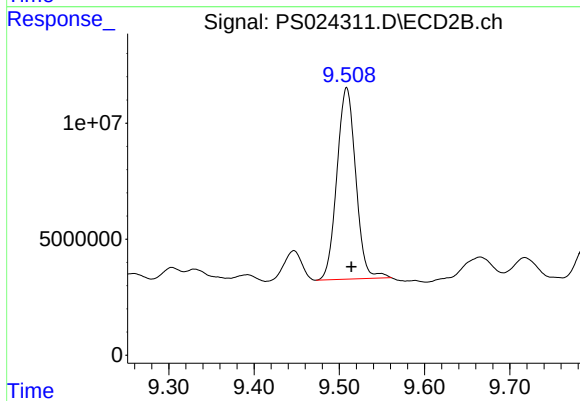
#12 2,4,5-T

R.T.: 9.005 min
Delta R.T.: -0.005 min
Response: 1074181816
Conc: 267.67 ng/ml



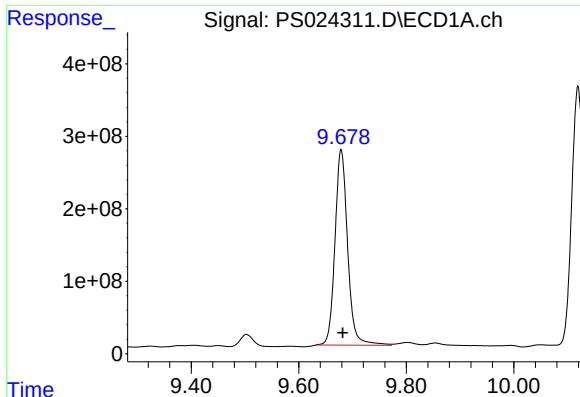
#13 2,4-DB

R.T.: 8.801 min
Delta R.T.: -0.001 min
Response: 504604916
Conc: 234.09 ng/ml



#13 2,4-DB

R.T.: 9.509 min
Delta R.T.: -0.006 min
Response: 126703595
Conc: 275.67 ng/ml



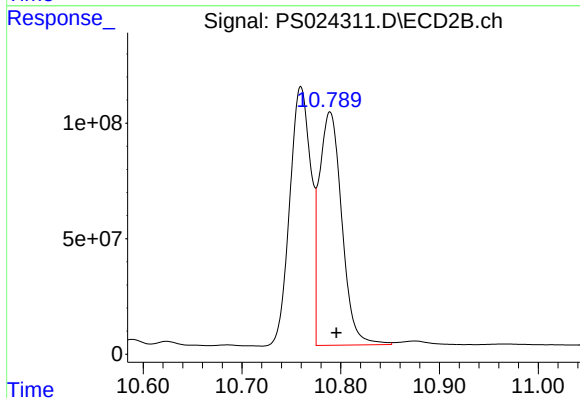
#15 Picloram

R.T.: 9.679 min
Delta R.T.: -0.003 min
Response: 4393018888
Conc: 269.00 ng/ml

Instrument :
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ClientSampleId :
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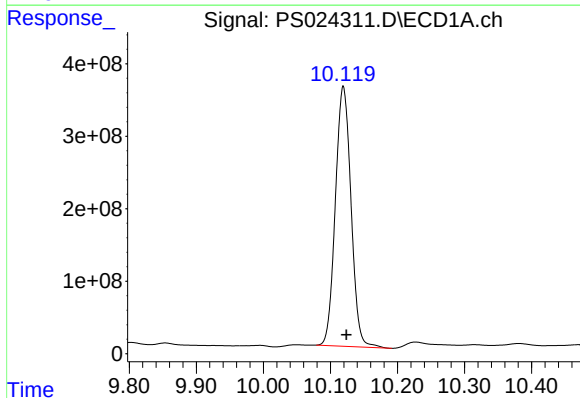
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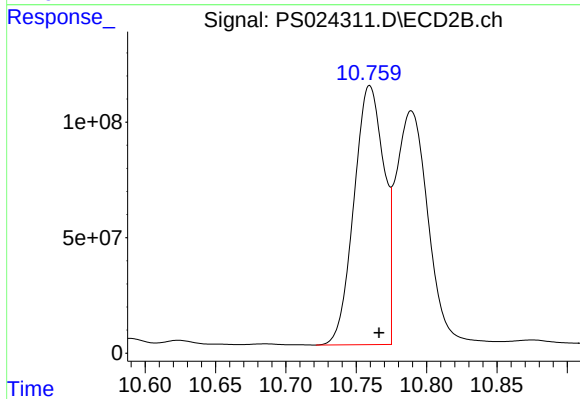
#15 Picloram

R.T.: 10.789 min
Delta R.T.: -0.007 min
Response: 1604359935
Conc: 270.15 ng/ml



#16 DCPA

R.T.: 10.119 min
Delta R.T.: -0.004 min
Response: 5800467556
Conc: 358.19 ng/ml



#16 DCPA

R.T.: 10.760 min
Delta R.T.: -0.007 min
Response: 1664995830
Conc: 324.56 ng/ml