

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051123\
 Data File : PS022990.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2023 13:46
 Operator : AR\AJ
 Sample : 02500-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PT-HERB-SOIL

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/12/2023
 Supervised By : Ankita Jodhani 05/12/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 07:36:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051023.M
 Quant Title : 8080.M
 QLast Update : Wed May 10 16:09:19 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	6.475	6.856	358.8E6	246.3E6	235.917m	438.885 #
Target Compounds							
3) T	4-Nitroph...	6.315	6.462	437.6E6	126.7E6	415.707m	381.739m
5) T	DICAMBA	6.633	7.023	4589.7E6	1670.2E6	698.946	670.374
8) T	DICHLORPROP	7.245	7.646	1522.3E6	531.7E6	812.278	859.147
9) T	2,4-D	7.447	7.935	547.5E6	267.2E6	236.569	373.544m#
10) T	Pentachlo...	7.682	8.365	23136.4E6	8374.5E6	864.276	903.439
11) T	2,4,5-TP ...	8.219	8.725	7498.6E6	2404.5E6	641.944	675.384
12) T	2,4,5-T	8.481	9.099	9335.4E6	2886.0E6	807.761	898.830
13) T	2,4-DB	9.001	9.603	819.6E6	197.5E6	349.341	514.412 #
14) T	DINOSEB	10.073	9.939	1992.9E6	762.8E6	244.109m	322.474 #
15) T	Picloram	9.893	10.902	17683.5E6	4700.3E6	1031.205	1103.655

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

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Misc :
ALS Vial : 4 Sample Multiplier: 1

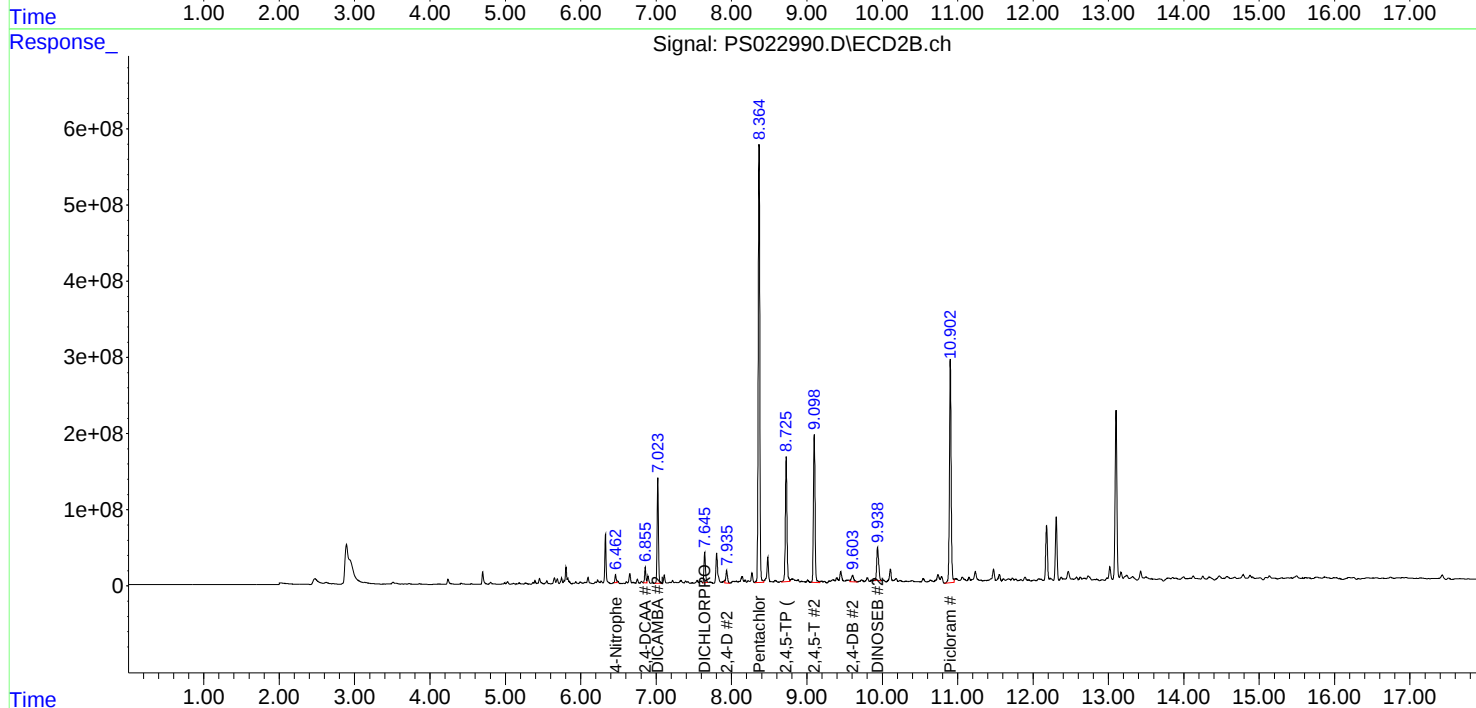
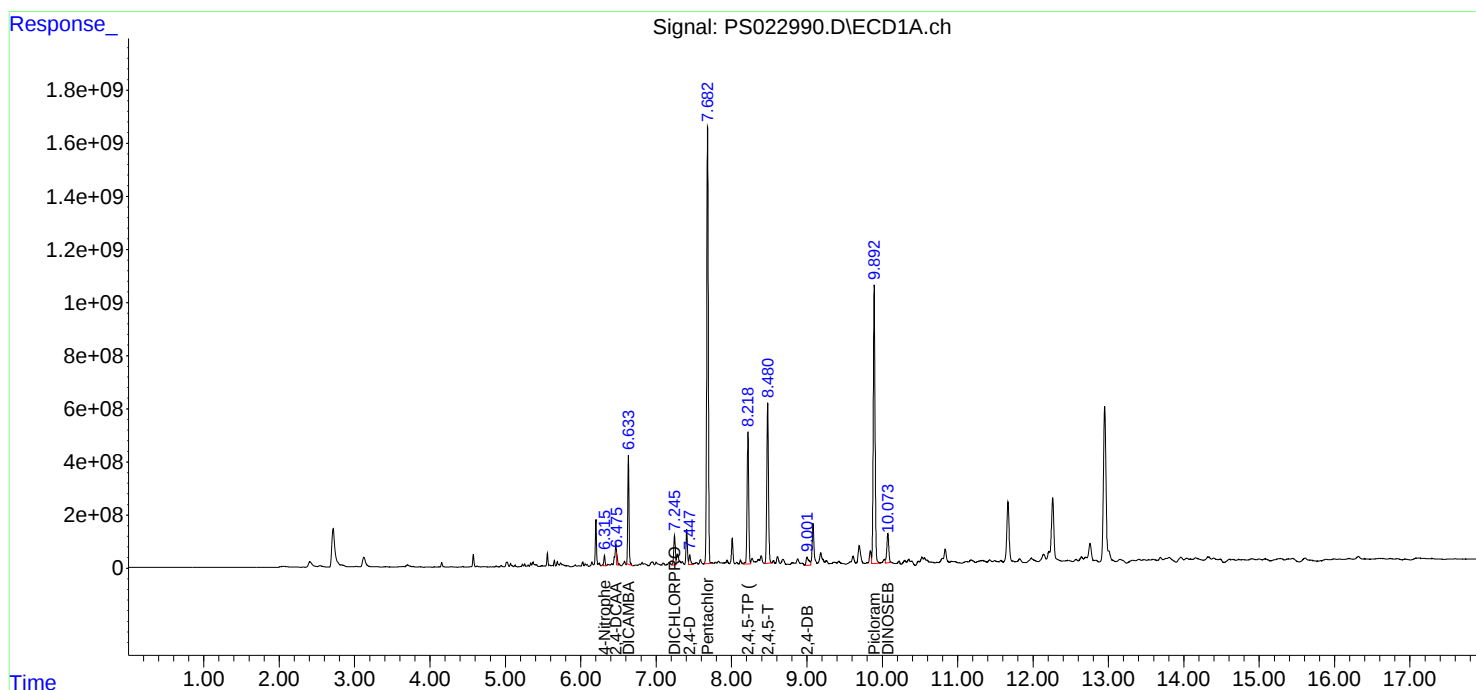
Instrument :
ECD_S
ClientSampleId :
PT-HERB-SOIL

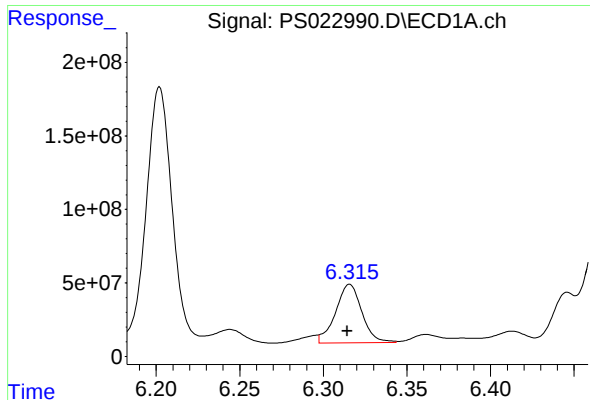
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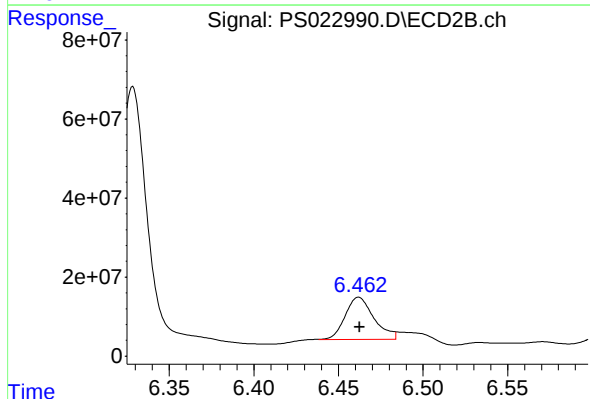
#3 4-Nitrophenol

R.T.: 6.315 min
Delta R.T.: 0.001 min
Response: 437644357
Conc: 415.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-SOIL

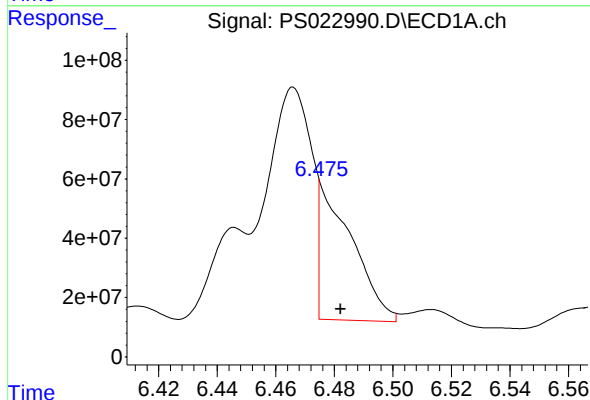
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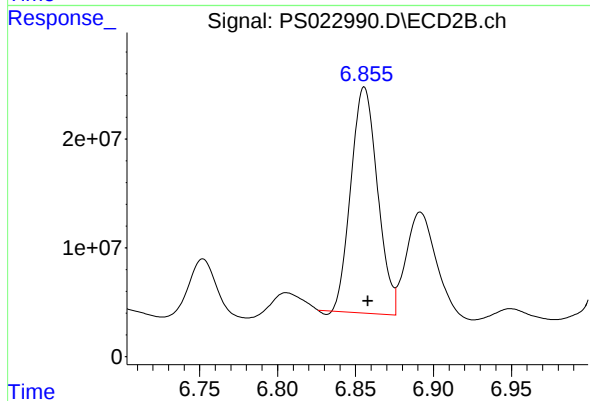
#3 4-Nitrophenol

R.T.: 6.462 min
Delta R.T.: -0.001 min
Response: 126675913
Conc: 381.74 ng/ml



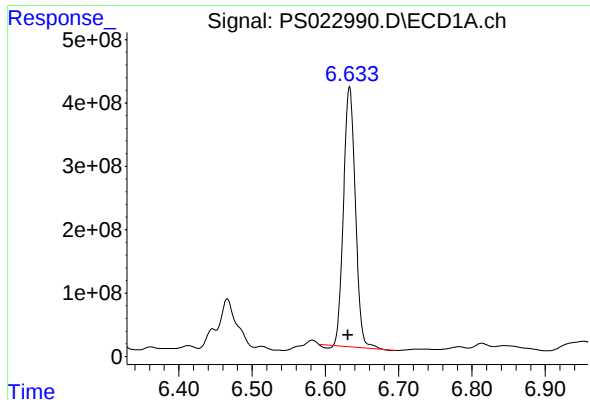
#4 2,4-DCAA

R.T.: 6.475 min
Delta R.T.: -0.007 min
Response: 358827786
Conc: 235.92 ng/ml



#4 2,4-DCAA

R.T.: 6.856 min
Delta R.T.: -0.002 min
Response: 246265073
Conc: 438.88 ng/ml



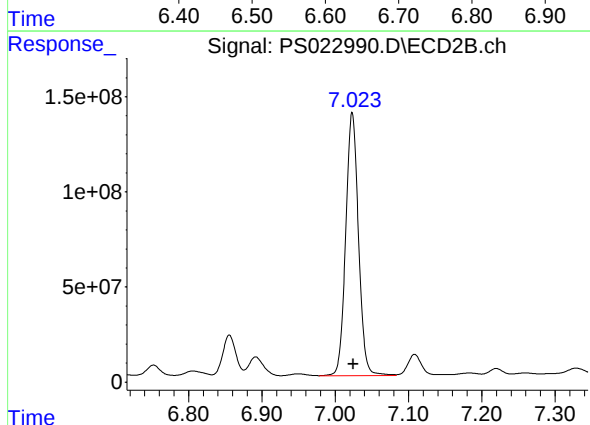
#5 DICAMBA

R.T.: 6.633 min
Delta R.T.: 0.002 min
Response: 4589704190
Conc: 698.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-SOIL

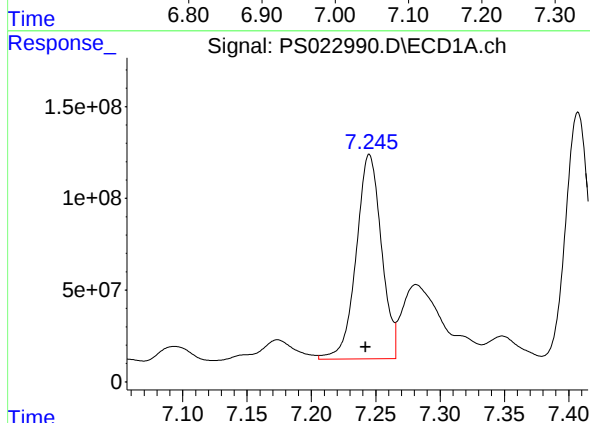
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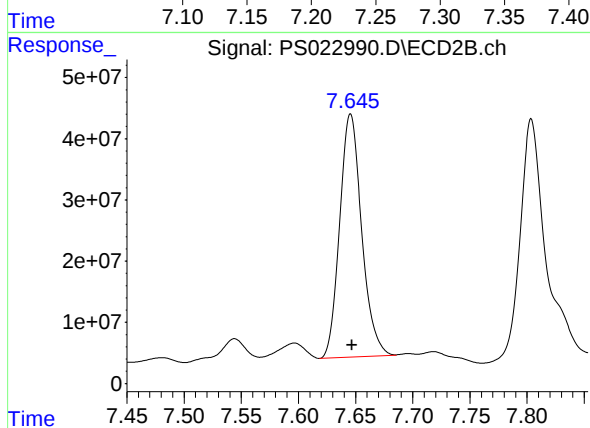
#5 DICAMBA

R.T.: 7.023 min
Delta R.T.: -0.001 min
Response: 1670159898
Conc: 670.37 ng/ml



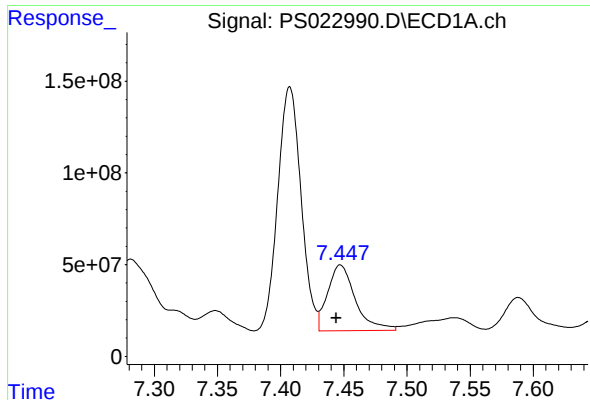
#8 DICHLORPROP

R.T.: 7.245 min
Delta R.T.: 0.003 min
Response: 1522305264
Conc: 812.28 ng/ml



#8 DICHLORPROP

R.T.: 7.646 min
Delta R.T.: -0.001 min
Response: 531690940
Conc: 859.15 ng/ml



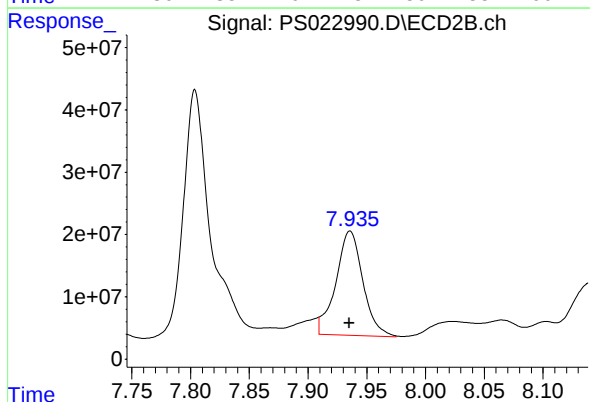
#9 2,4-D

R.T.: 7.447 min
Delta R.T.: 0.003 min
Response: 547489279
Conc: 236.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
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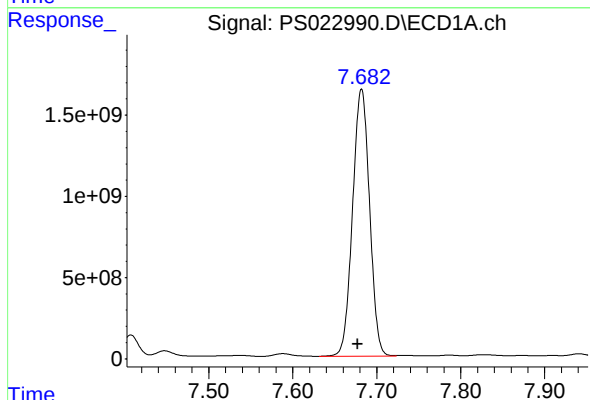
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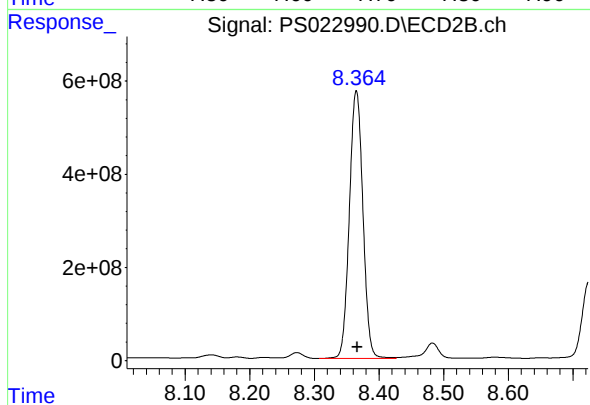
#9 2,4-D

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 267241113
Conc: 373.54 ng/ml m



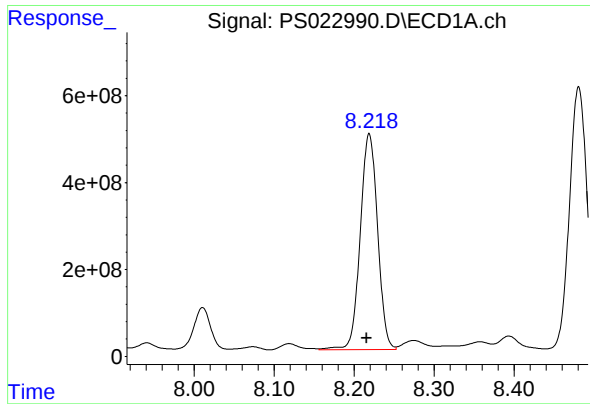
#10 Pentachlorophenol

R.T.: 7.682 min
Delta R.T.: 0.004 min
Response: 23136437270
Conc: 864.28 ng/ml



#10 Pentachlorophenol

R.T.: 8.365 min
Delta R.T.: -0.001 min
Response: 8374541401
Conc: 903.44 ng/ml



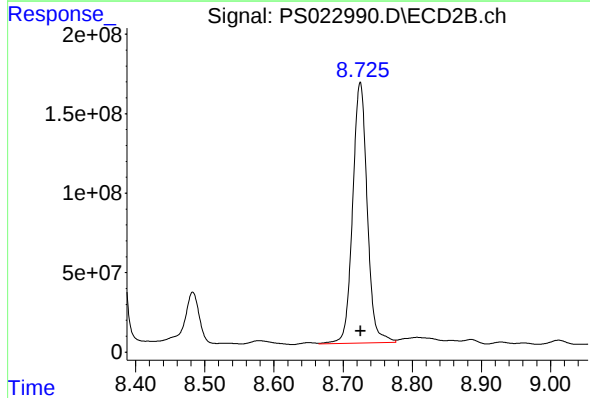
#11 2,4,5-TP (SILVEX)

R.T.: 8.219 min
Delta R.T.: 0.003 min
Response: 7498596476
Conc: 641.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-SOIL

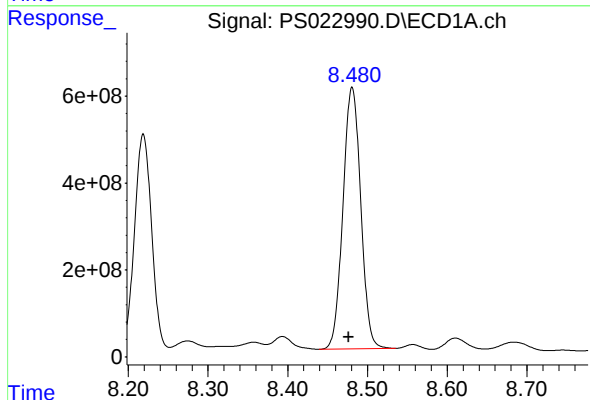
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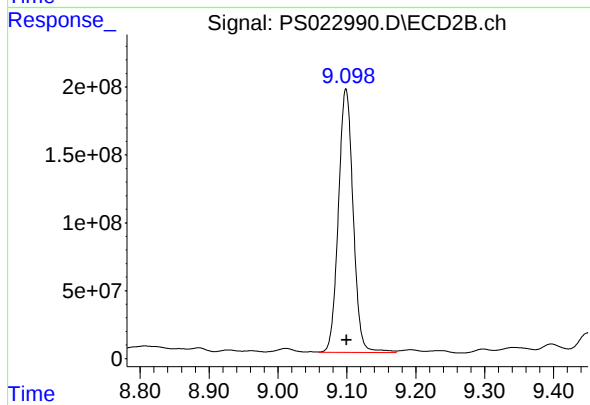
#11 2,4,5-TP (SILVEX)

R.T.: 8.725 min
Delta R.T.: 0.000 min
Response: 2404461617
Conc: 675.38 ng/ml



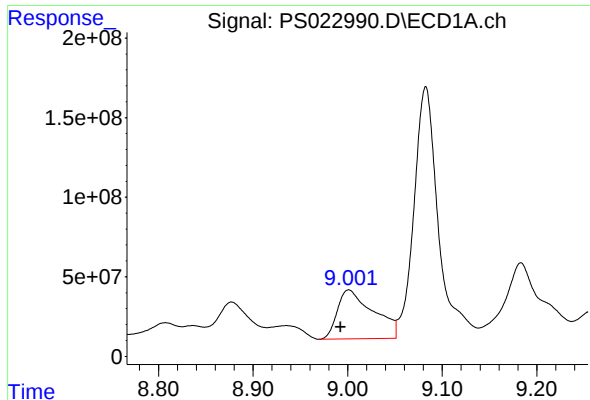
#12 2,4,5-T

R.T.: 8.481 min
Delta R.T.: 0.004 min
Response: 9335442187
Conc: 807.76 ng/ml



#12 2,4,5-T

R.T.: 9.099 min
Delta R.T.: -0.001 min
Response: 2885991309
Conc: 898.83 ng/ml



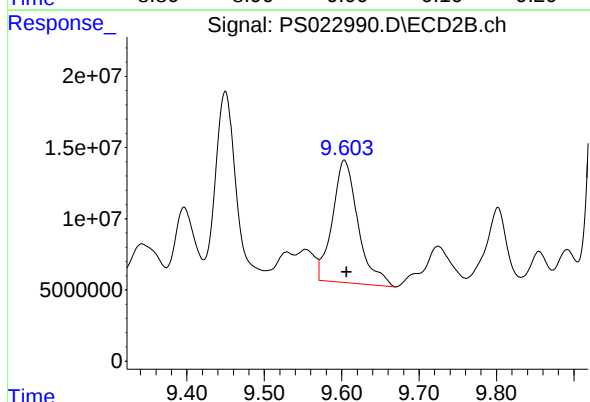
#13 2,4-DB

R.T.: 9.001 min
Delta R.T.: 0.009 min
Response: 819560388
Conc: 349.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-SOIL

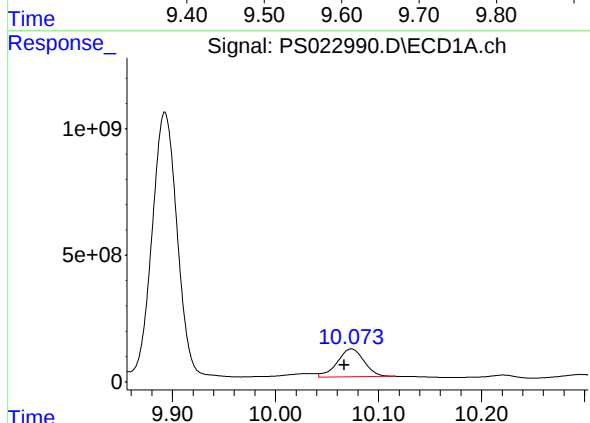
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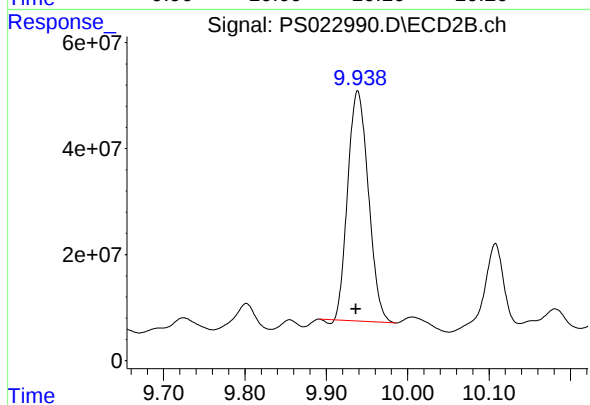
#13 2,4-DB

R.T.: 9.603 min
Delta R.T.: -0.003 min
Response: 197529038
Conc: 514.41 ng/ml



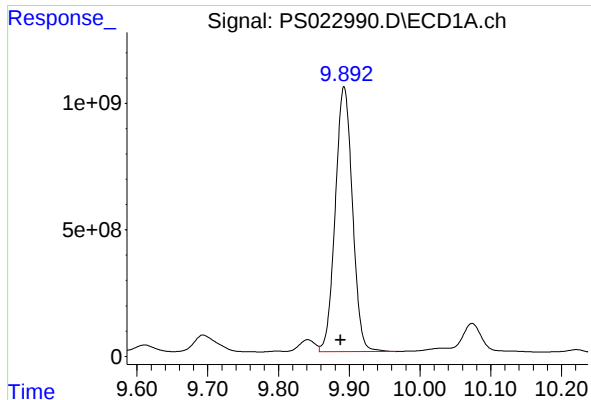
#14 DINOSEB

R.T.: 10.073 min
Delta R.T.: 0.006 min
Response: 1992867362
Conc: 244.11 ng/ml m



#14 DINOSEB

R.T.: 9.939 min
Delta R.T.: 0.002 min
Response: 762833213
Conc: 322.47 ng/ml



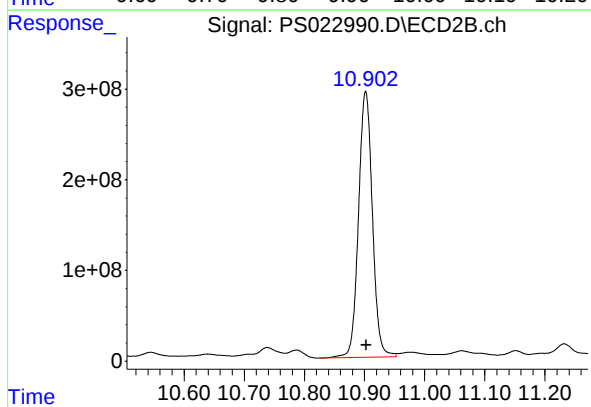
#15 Picloram

R.T.: 9.893 min
Delta R.T.: 0.005 min
Response: 17683533488
Conc: 1031.20 ng/ml

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#15 Picloram

R.T.: 10.902 min
Delta R.T.: -0.001 min
Response: 4700289903
Conc: 1103.66 ng/ml