

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051023\
 Data File : PS022984.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2023 02:47
 Operator : AR\AJ
 Sample : 02500-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PT-HERB-SOIL

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/11/2023
 Supervised By : Ankita Jodhani 05/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 05:45:34 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 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	6.472	6.856	98965026	65186168	65.066m	116.172m#
Target Compounds							
3) T	4-Nitroph...	6.313	6.463	113.8E6	36250194	108.108m	109.240m
5) T	DICAMBA	6.630	7.024	1402.0E6	473.6E6	213.506	190.105
8) T	DICHLORPROP	7.241	7.647	493.0E6	161.8E6	263.055	261.372
9) T	2,4-D	7.443	7.937	192.2E6	90134825	83.067	125.989 #
10) T	Pentachlo...	7.677	8.366	7686.5E6	2539.2E6	287.132	273.924
11) T	2,4,5-TP ...	8.213	8.726	2319.9E6	683.1E6	198.606	191.868
12) T	2,4,5-T	8.474	9.100	2968.3E6	826.5E6	256.835	257.419
13) T	2,4-DB	8.993	9.605	354.9E6	58605163	151.299	152.622
14) T	DINOSEB	10.064	9.938	616.7E6	209.9E6	75.536	88.744
15) T	Picloram	9.884	10.903	5456.3E6	1294.1E6	318.183	303.866

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

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Acq On : 11 May 2023 02:47
Operator : AR\AJ
Sample : 02500-18
Misc :
ALS Vial : 26 Sample Multiplier: 1

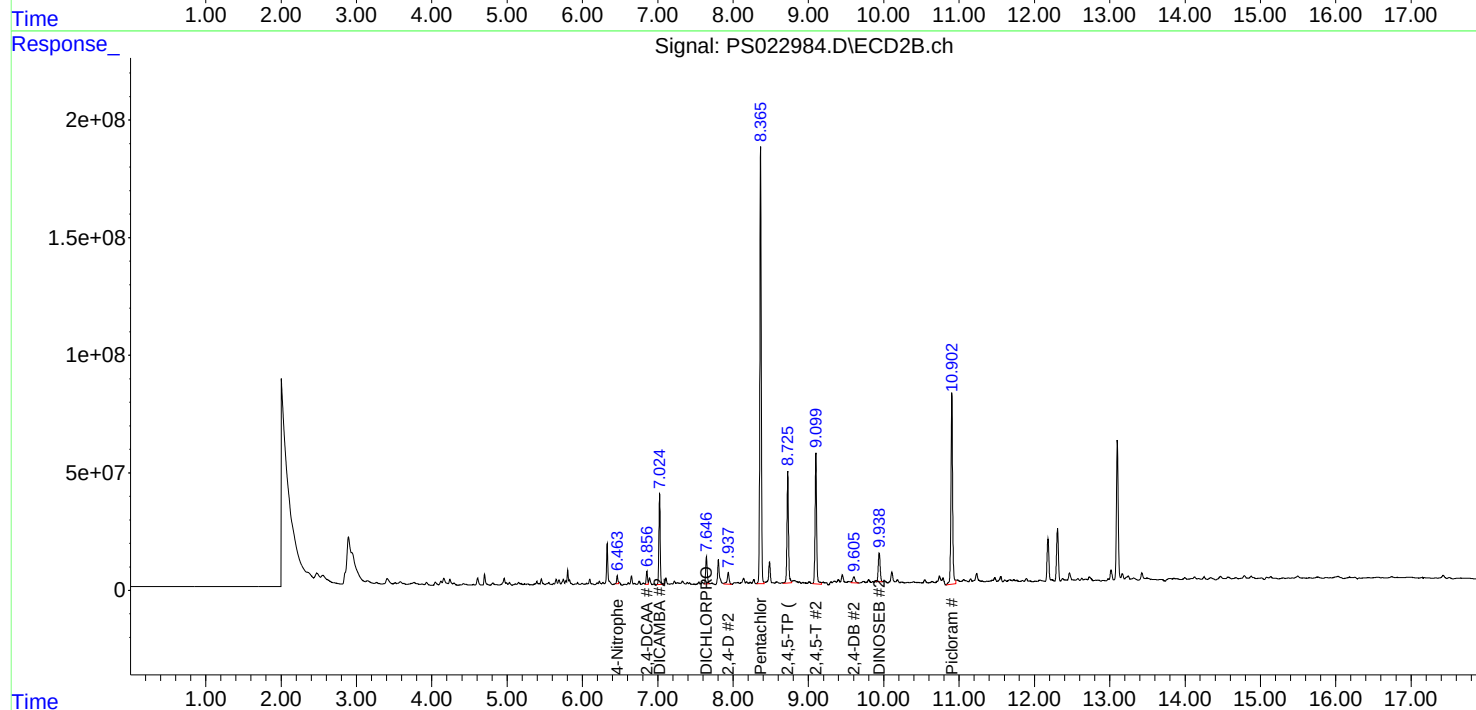
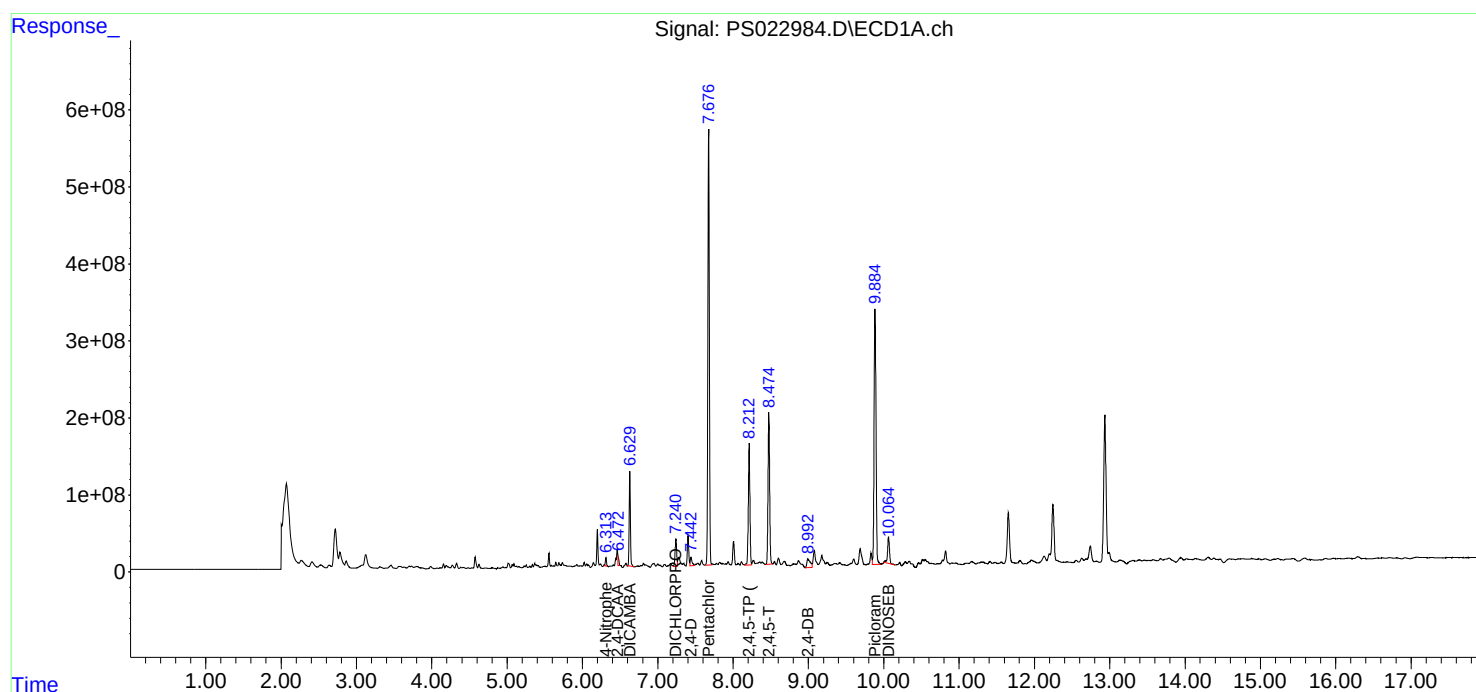
Instrument :
ECD_S
ClientSampleId :
PT-HERB-SOIL

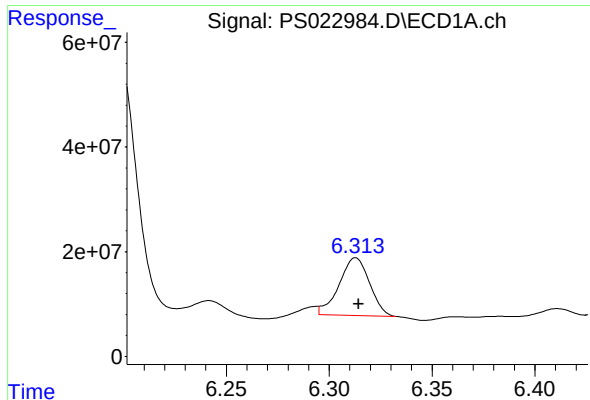
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Integration File signal 1: autoint1.e
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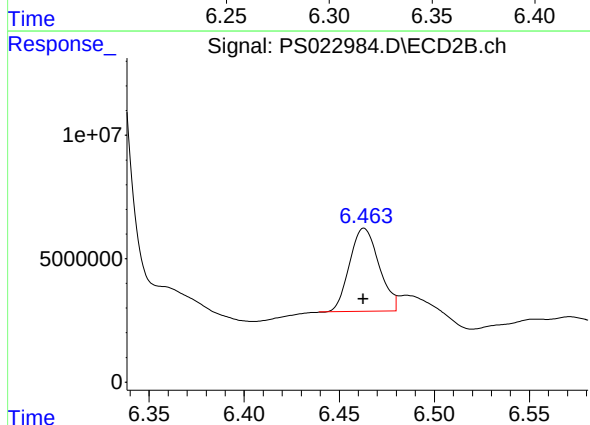
#3 4-Nitrophenol

R.T.: 6.313 min
Delta R.T.: -0.002 min
Response: 113813119
Conc: 108.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-SOIL

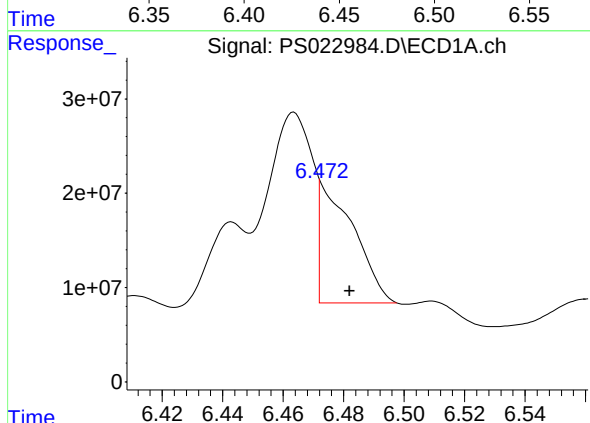
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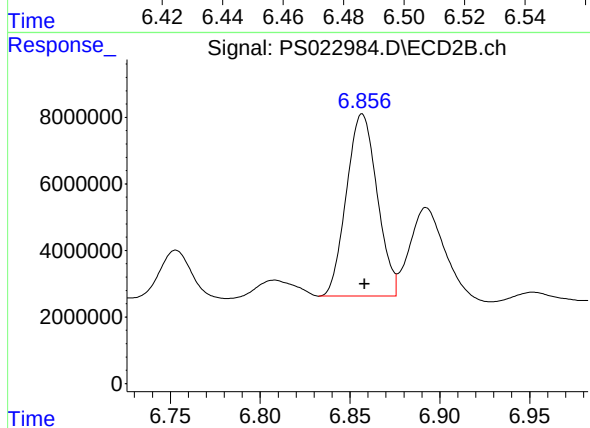
#3 4-Nitrophenol

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 36250194
Conc: 109.24 ng/ml



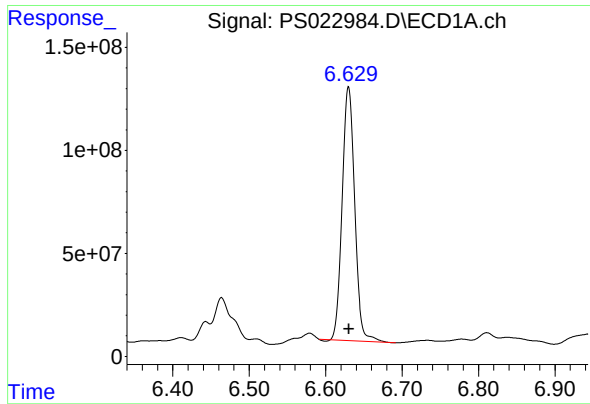
#4 2,4-DCAA

R.T.: 6.472 min
Delta R.T.: -0.010 min
Response: 98965026
Conc: 65.07 ng/ml



#4 2,4-DCAA

R.T.: 6.856 min
Delta R.T.: -0.002 min
Response: 65186168
Conc: 116.17 ng/ml



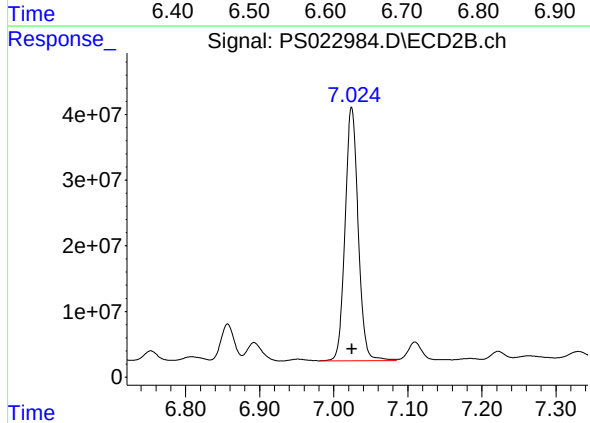
#5 DICAMBA

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 1402008799
Conc: 213.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-SOIL

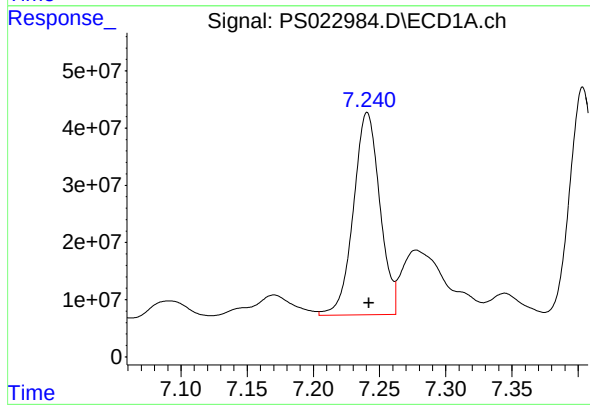
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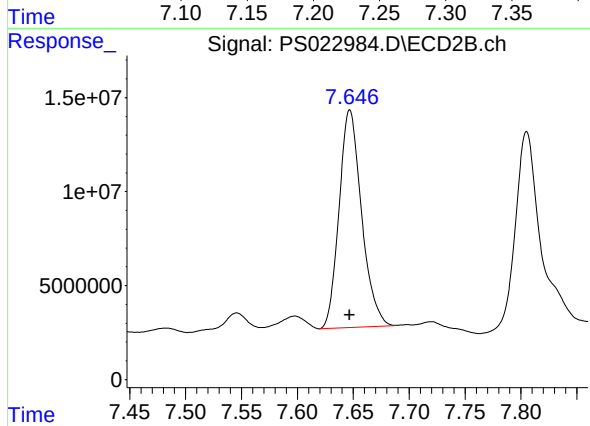
#5 DICAMBA

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 473623841
Conc: 190.10 ng/ml



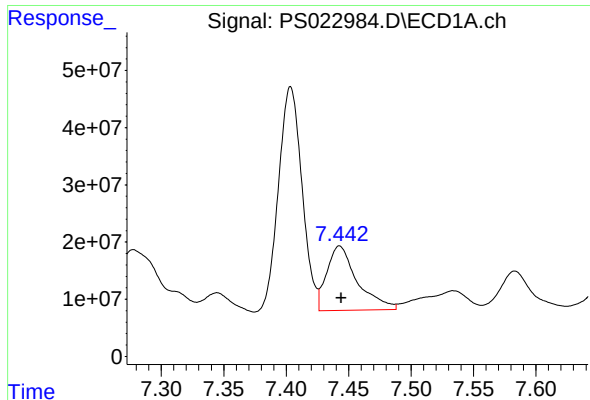
#8 DICHLORPROP

R.T.: 7.241 min
Delta R.T.: -0.001 min
Response: 492996368
Conc: 263.06 ng/ml



#8 DICHLORPROP

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 161752359
Conc: 261.37 ng/ml



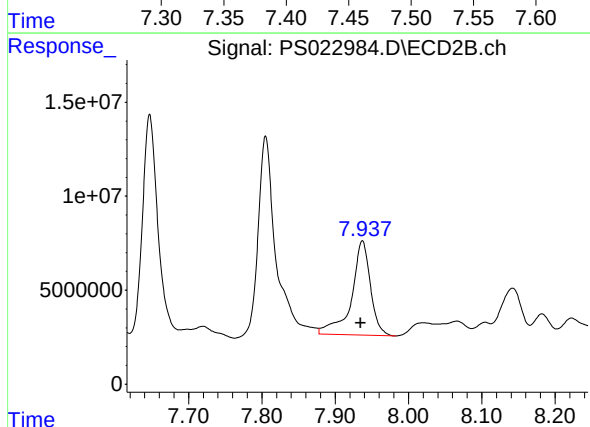
#9 2,4-D

R.T.: 7.443 min
Delta R.T.: -0.001 min
Response: 192240614
Conc: 83.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-SOIL

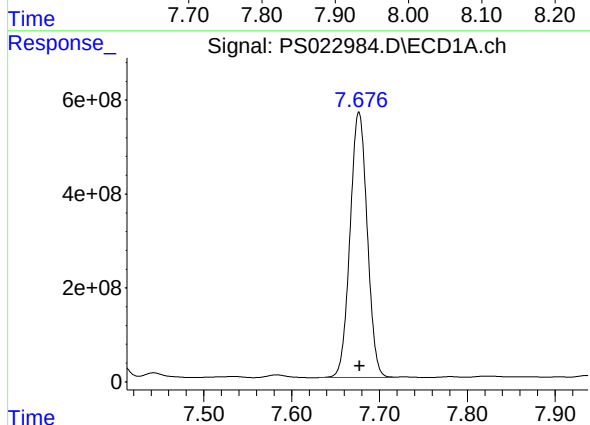
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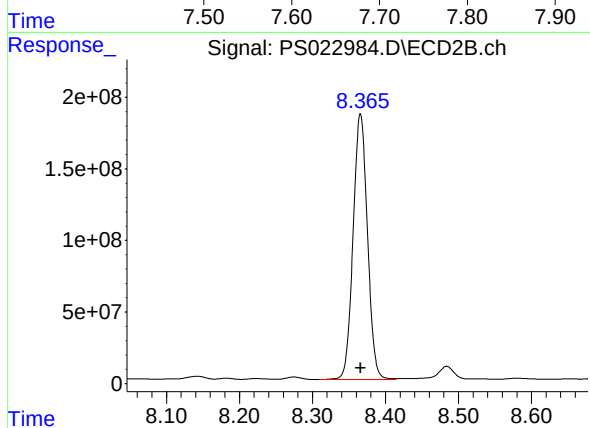
#9 2,4-D

R.T.: 7.937 min
Delta R.T.: 0.002 min
Response: 90134825
Conc: 125.99 ng/ml



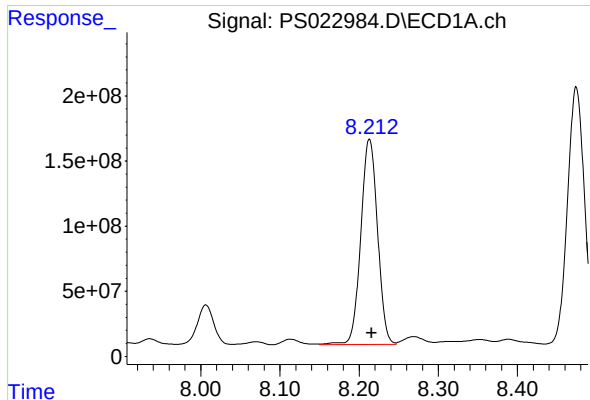
#10 Pentachlorophenol

R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 7686459186
Conc: 287.13 ng/ml



#10 Pentachlorophenol

R.T.: 8.366 min
Delta R.T.: 0.000 min
Response: 2539174107
Conc: 273.92 ng/ml



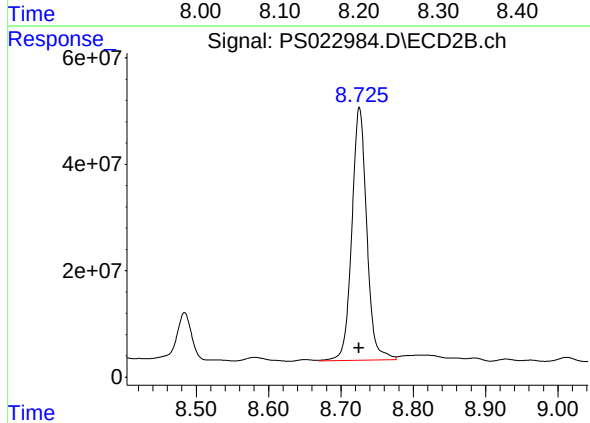
#11 2,4,5-TP (SILVEX)

R.T.: 8.213 min
Delta R.T.: -0.003 min
Response: 2319928715
Conc: 198.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-SOIL

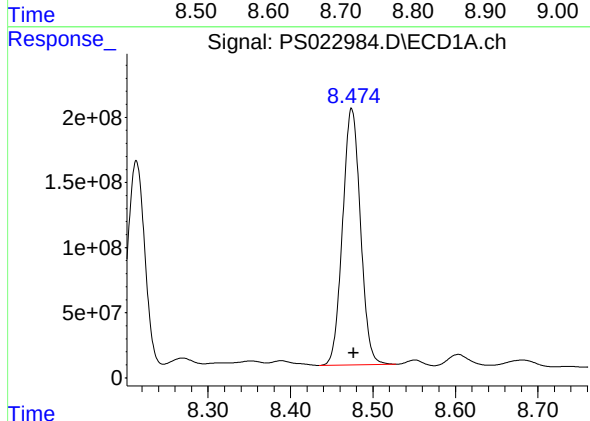
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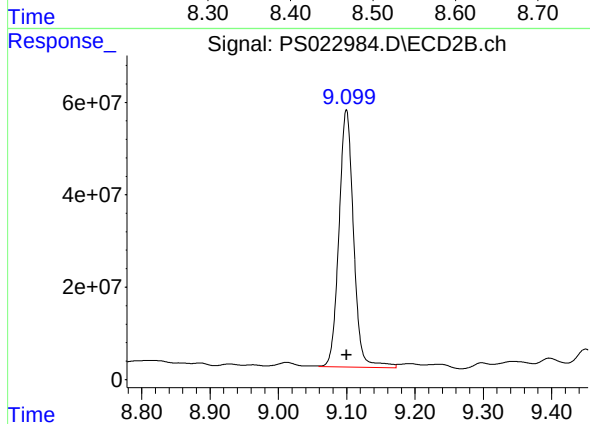
#11 2,4,5-TP (SILVEX)

R.T.: 8.726 min
Delta R.T.: 0.000 min
Response: 683075498
Conc: 191.87 ng/ml



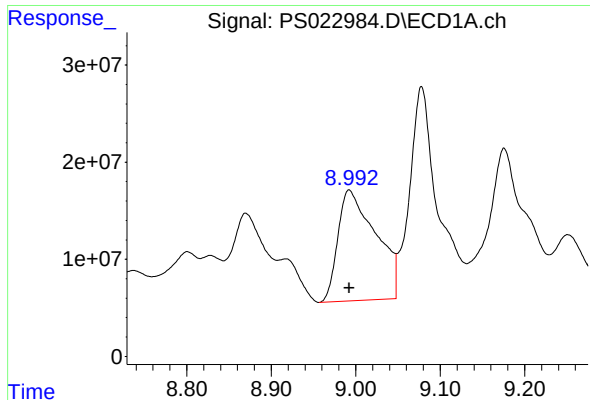
#12 2,4,5-T

R.T.: 8.474 min
Delta R.T.: -0.002 min
Response: 2968288475
Conc: 256.83 ng/ml



#12 2,4,5-T

R.T.: 9.100 min
Delta R.T.: 0.000 min
Response: 826527255
Conc: 257.42 ng/ml



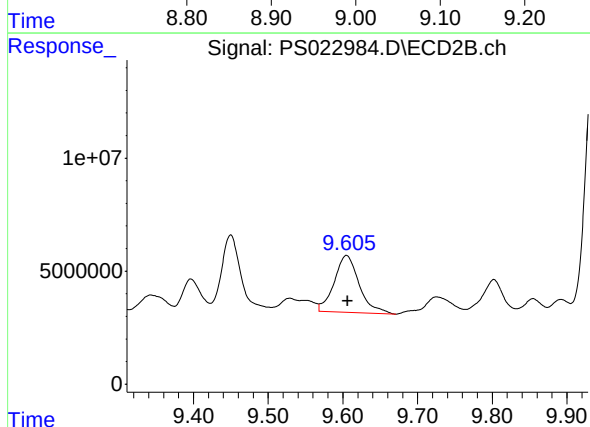
#13 2,4-DB

R.T.: 8.993 min
Delta R.T.: 0.000 min
Response: 354949926
Conc: 151.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-SOIL

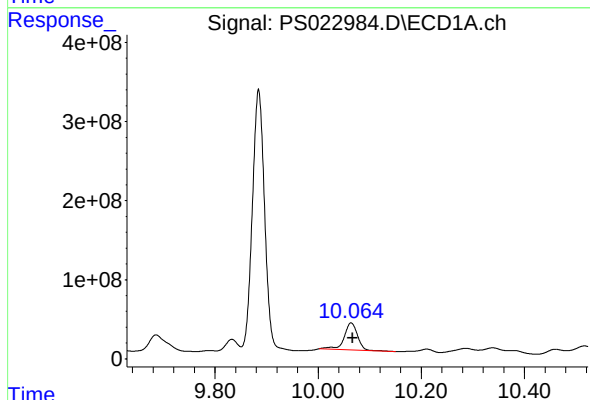
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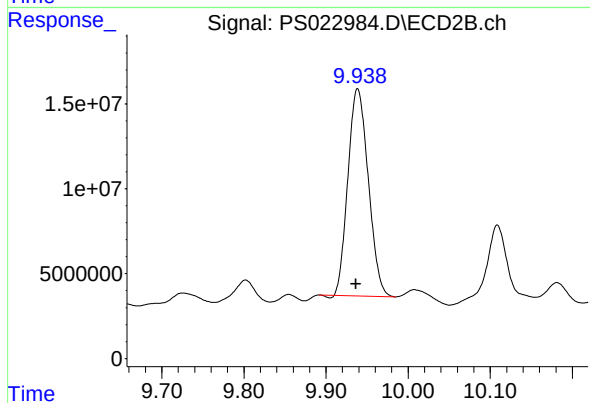
#13 2,4-DB

R.T.: 9.605 min
Delta R.T.: -0.001 min
Response: 58605163
Conc: 152.62 ng/ml



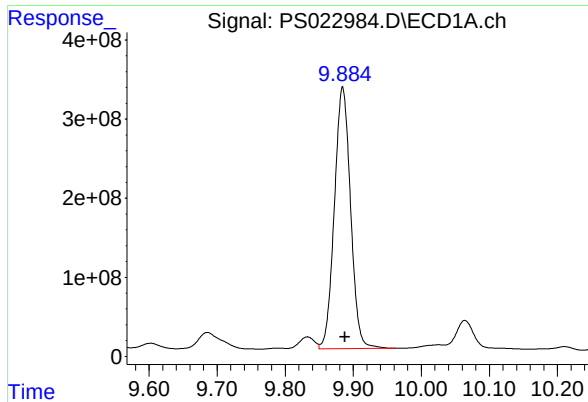
#14 DINOSEB

R.T.: 10.064 min
Delta R.T.: -0.003 min
Response: 616662672
Conc: 75.54 ng/ml



#14 DINOSEB

R.T.: 9.938 min
Delta R.T.: 0.002 min
Response: 209930380
Conc: 88.74 ng/ml



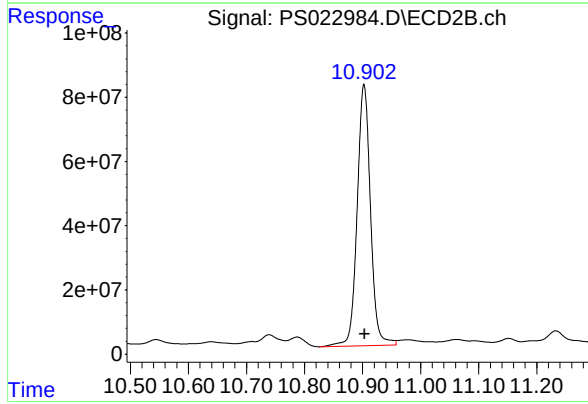
#15 Picloram

R.T.: 9.884 min
Delta R.T.: -0.003 min
Response: 5456335797
Conc: 318.18 ng/ml

Instrument :
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ClientSampleId :
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#15 Picloram

R.T.: 10.903 min
Delta R.T.: 0.000 min
Response: 1294115297
Conc: 303.87 ng/ml