

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040325\
 Data File : PS029670.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2025 11:06
 Operator : AR\AJ
 Sample : Q1502-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PT-HERB-WP

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/03/2025
 Supervised By :mohammad ahmed 04/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 03 11:47:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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 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	6.961	7.472	1009.0E6	309.6E6	494.905	454.237
Target Compounds							
1) T	Dalapon	2.458	2.527	1858.2E6	935.9E6	547.757	589.538
2) T	3,5-DICHL...	6.163	6.467	2063.0E6	633.9E6	685.885	656.548
3) T	4-Nitroph...	6.752	7.006	429.2E6	204.9E6	305.526	288.961
5) T	DICAMBA	7.138	7.659	4869.9E6	2116.3E6	585.189	573.008
8) T	DICHLORPROP	7.821	8.354	443.6E6	216.5E6	201.702	224.098
9) T	2,4-D	8.042	8.668	1618.7E6	654.9E6	671.763	607.268
10) T	Pentachlo...	8.320	9.170	20972.0E6	11770.5E6	689.756	656.553
11) T	2,4,5-TP ...	8.887	9.549	6720.4E6	3998.6E6	578.581	554.365
12) T	2,4,5-T	9.169	9.954	7818.6E6	4383.1E6	679.620	653.924
13) T	2,4-DB	9.730	10.511	1019.1E6	442.3E6	560.951m	596.160
14) T	DINOSEB	10.894	10.883	2318.4E6	1352.5E6	274.631	264.534
15) T	Picloram	10.713	11.920	6744.9E6	3959.8E6	435.141	334.886m
16) T	DCPA	11.194	11.909	6884.9E6	5380.8E6	492.971	607.954m

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

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Operator : AR\AJ
Sample : Q1502-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

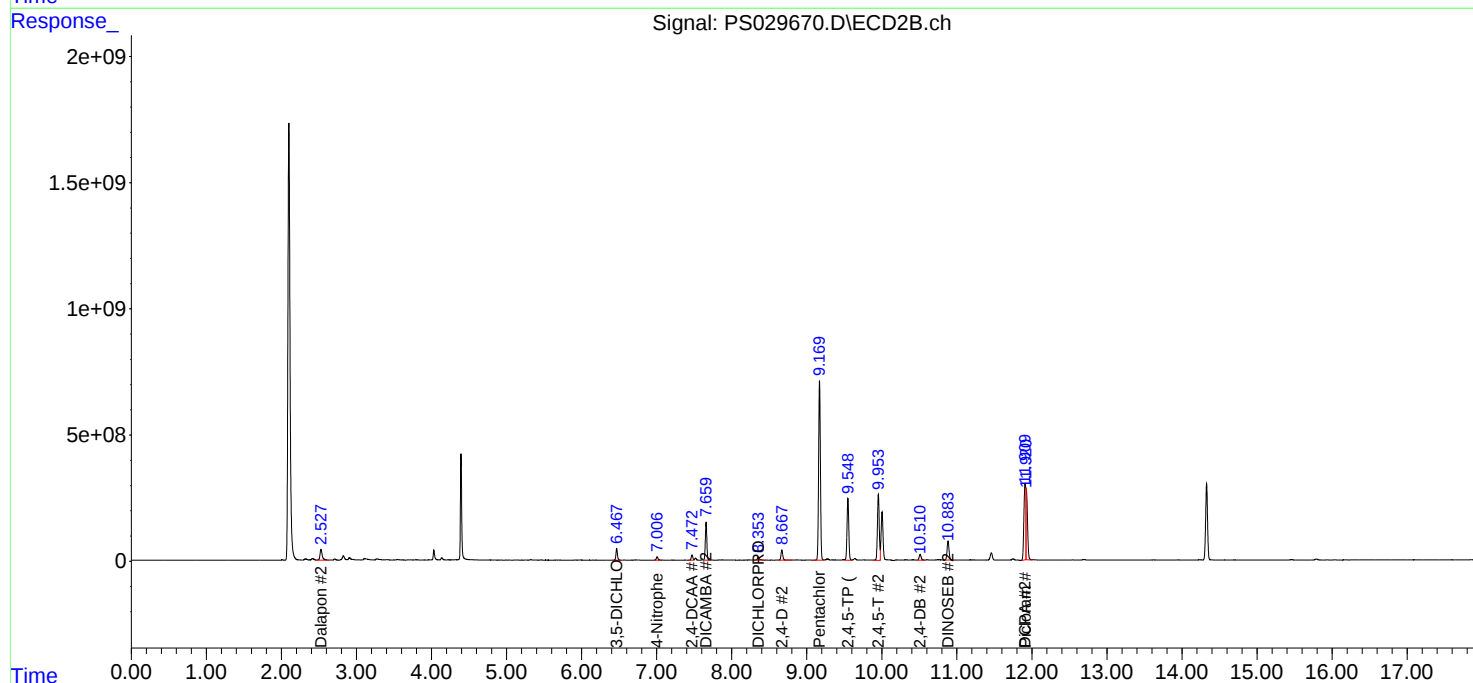
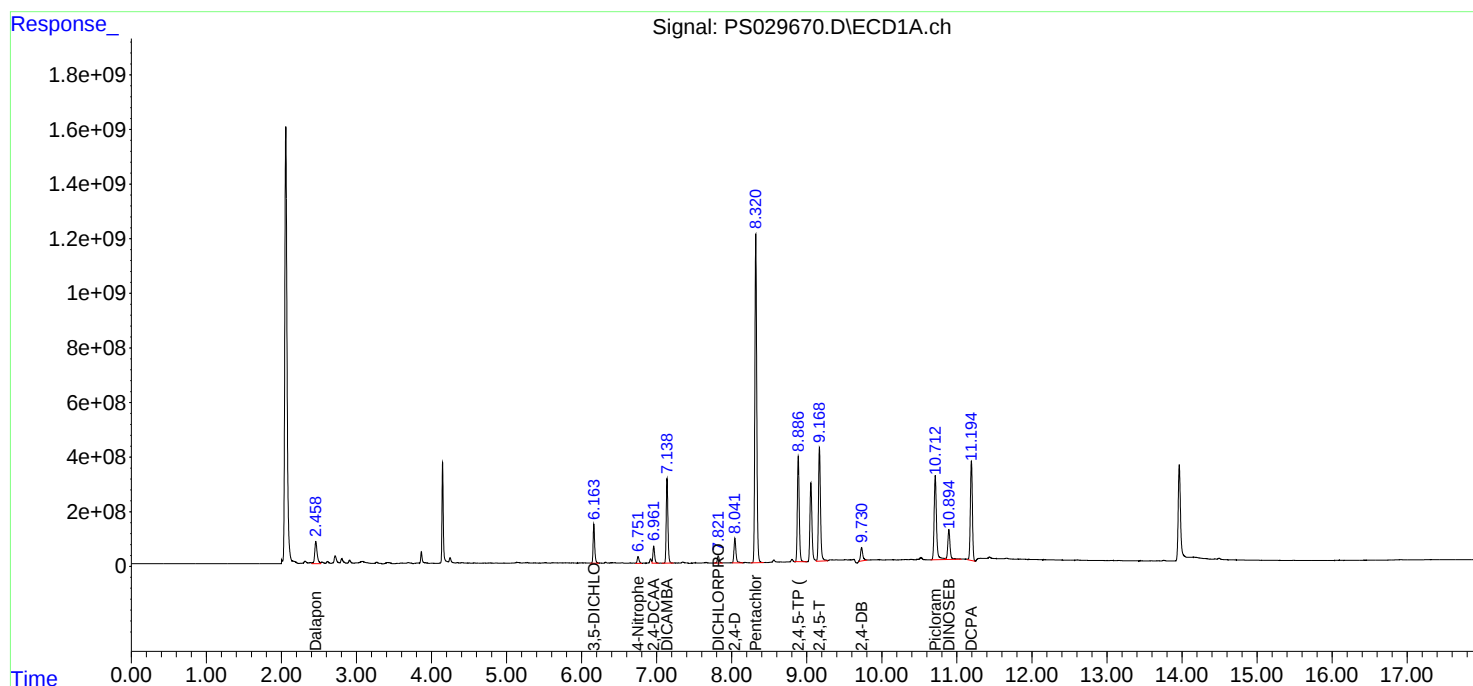
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ECD_S
ClientSampleId :
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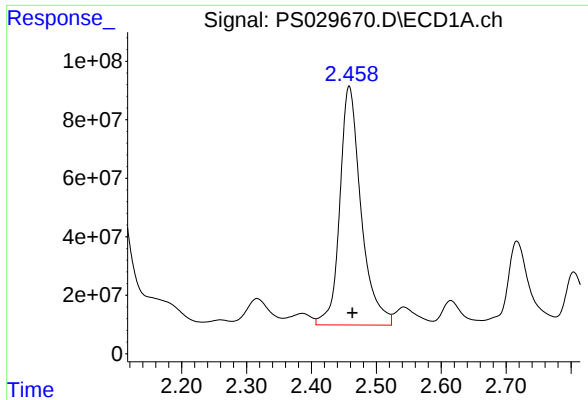
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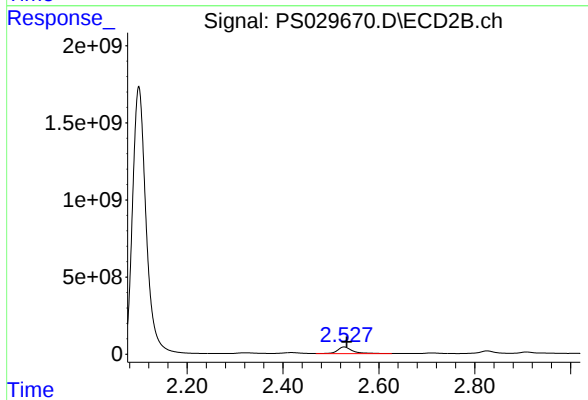
#1 Dalapon

R.T.: 2.458 min
Delta R.T.: -0.005 min
Response: 1858209978
Conc: 547.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-WP

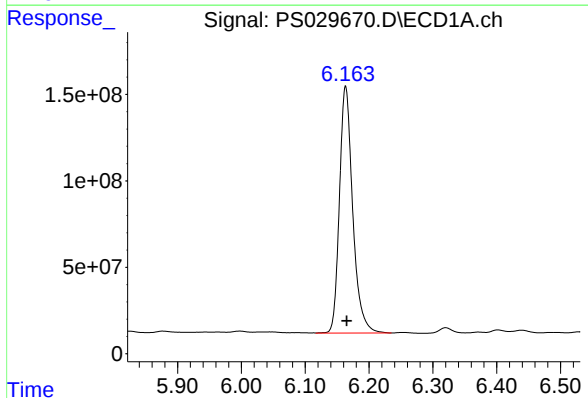
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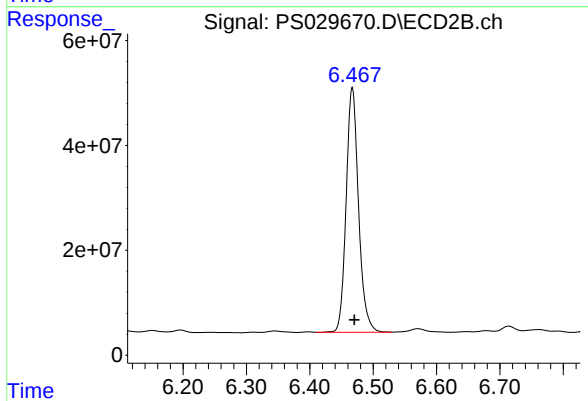
#1 Dalapon

R.T.: 2.527 min
Delta R.T.: -0.006 min
Response: 935947695
Conc: 589.54 ng/ml



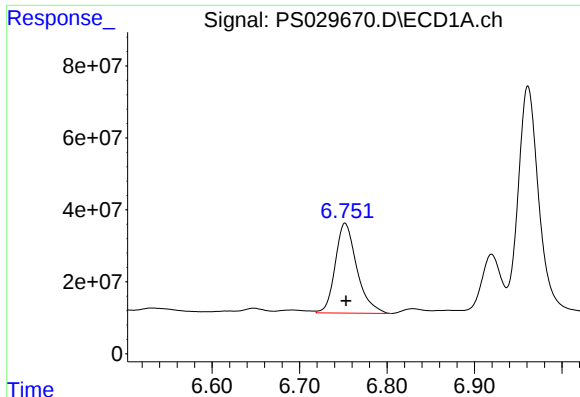
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.163 min
Delta R.T.: -0.002 min
Response: 2062976572
Conc: 685.88 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.467 min
Delta R.T.: -0.003 min
Response: 633934613
Conc: 656.55 ng/ml



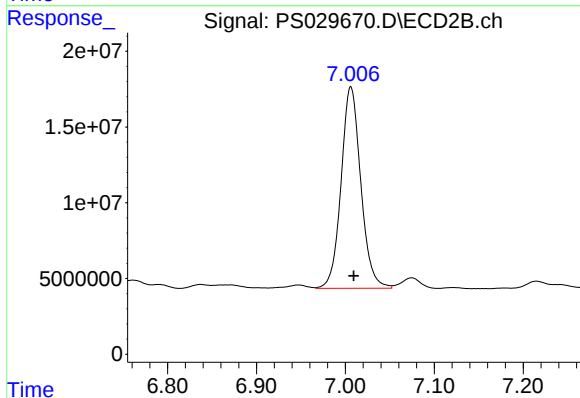
#3 4-Nitrophenol

R.T.: 6.752 min
Delta R.T.: -0.001 min
Response: 429202839
Conc: 305.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-WP

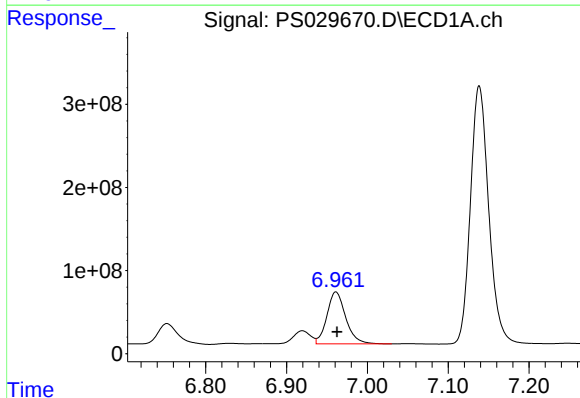
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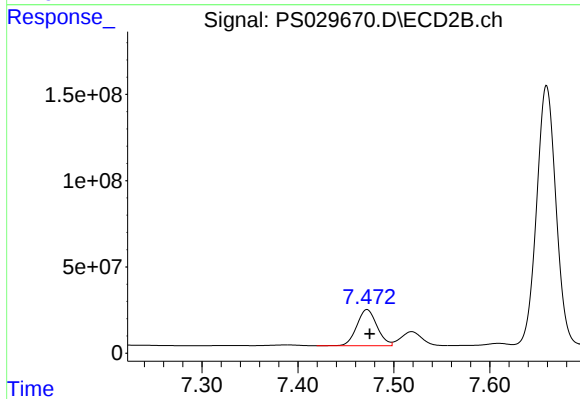
#3 4-Nitrophenol

R.T.: 7.006 min
Delta R.T.: -0.003 min
Response: 204872742
Conc: 288.96 ng/ml



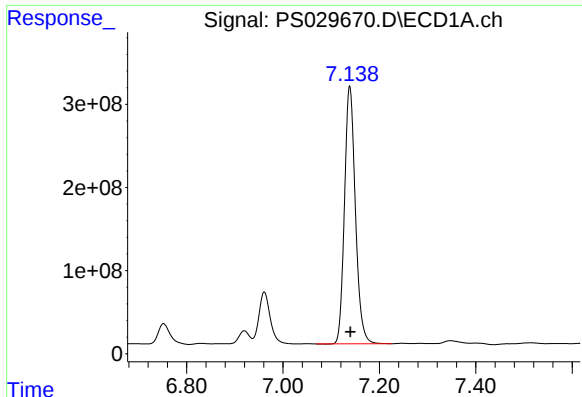
#4 2,4-DCAA

R.T.: 6.961 min
Delta R.T.: -0.002 min
Response: 1009026991
Conc: 494.90 ng/ml



#4 2,4-DCAA

R.T.: 7.472 min
Delta R.T.: -0.003 min
Response: 309568082
Conc: 454.24 ng/ml



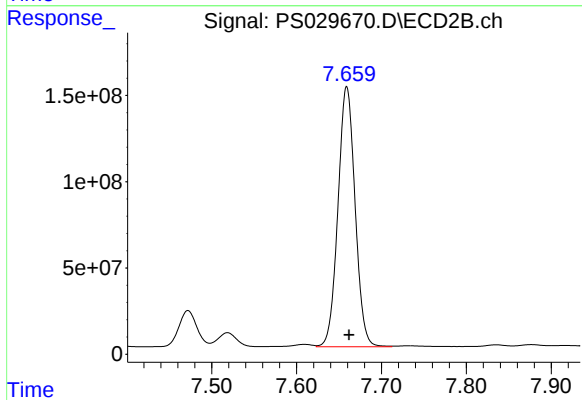
#5 DICAMBA

R.T.: 7.138 min
Delta R.T.: -0.001 min
Response: 4869908610
Conc: 585.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-WP

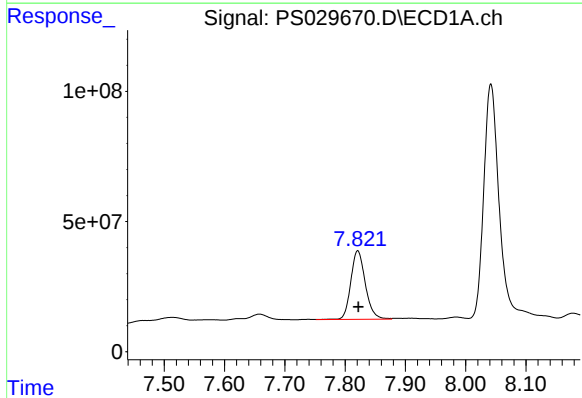
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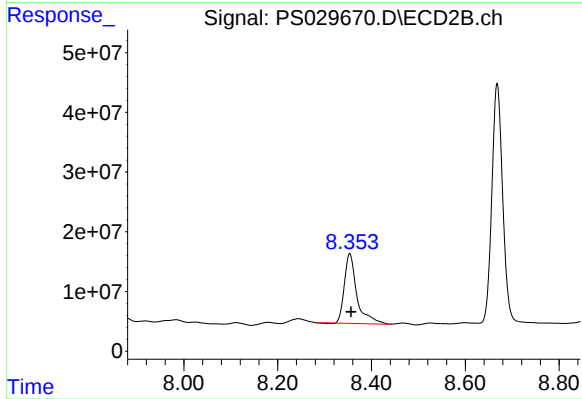
#5 DICAMBA

R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 2116329872
Conc: 573.01 ng/ml



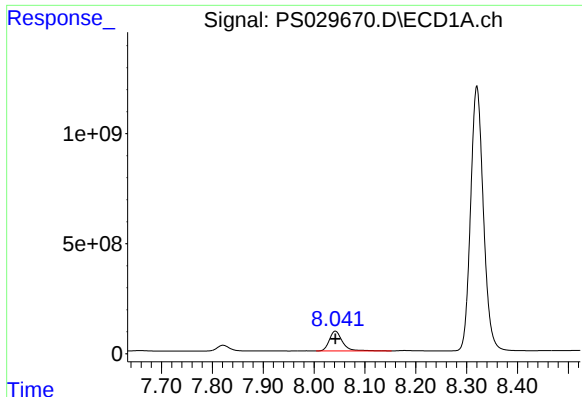
#8 DICHLORPROP

R.T.: 7.821 min
Delta R.T.: 0.000 min
Response: 443631431
Conc: 201.70 ng/ml



#8 DICHLORPROP

R.T.: 8.354 min
Delta R.T.: -0.003 min
Response: 216512569
Conc: 224.10 ng/ml



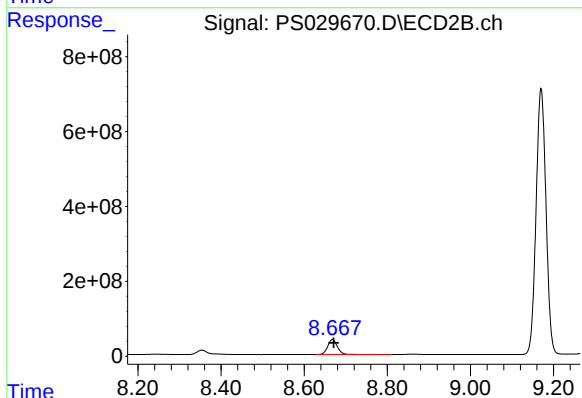
#9 2,4-D

R.T.: 8.042 min
Delta R.T.: 0.000 min
Response: 1618673729
Conc: 671.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-WP

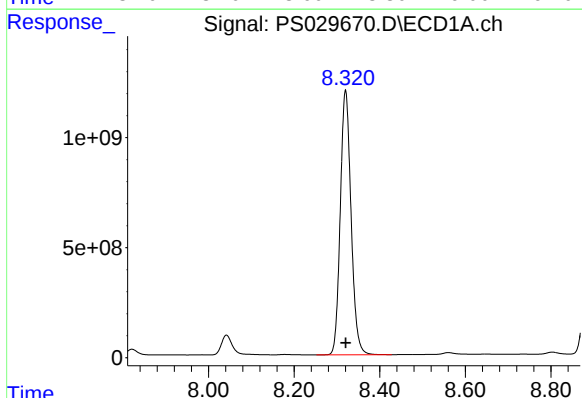
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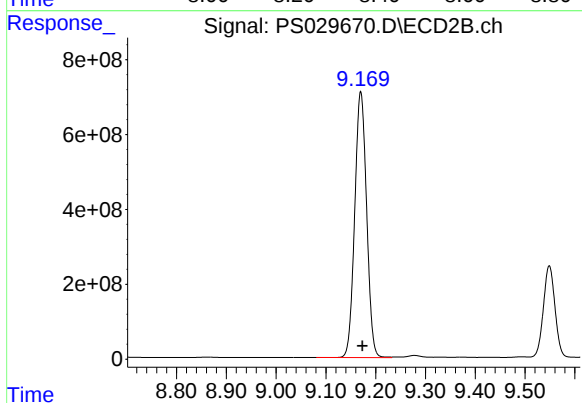
#9 2,4-D

R.T.: 8.668 min
Delta R.T.: -0.003 min
Response: 654916740
Conc: 607.27 ng/ml



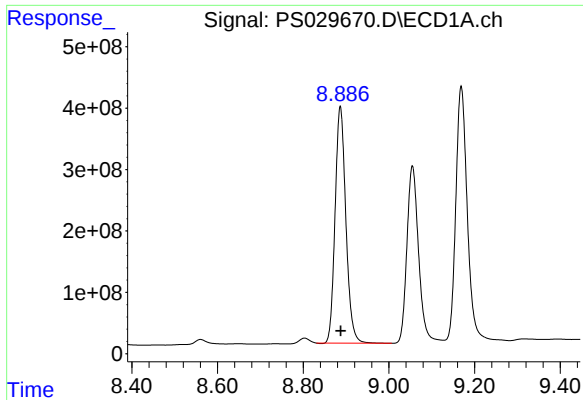
#10 Pentachlorophenol

R.T.: 8.320 min
Delta R.T.: 0.000 min
Response: 20972023298
Conc: 689.76 ng/ml



#10 Pentachlorophenol

R.T.: 9.170 min
Delta R.T.: -0.003 min
Response: 11770504930
Conc: 656.55 ng/ml



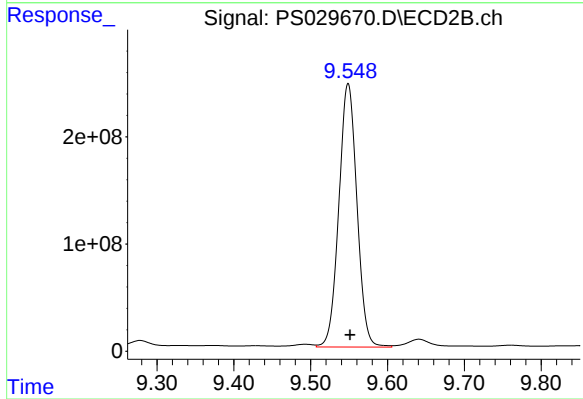
#11 2,4,5-TP (SILVEX)

R.T.: 8.887 min
Delta R.T.: -0.001 min
Response: 6720425008
Conc: 578.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-WP

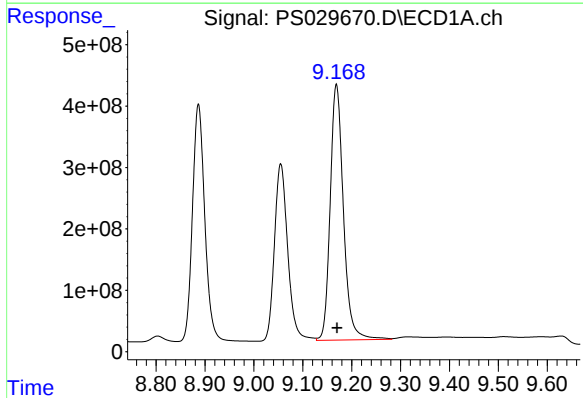
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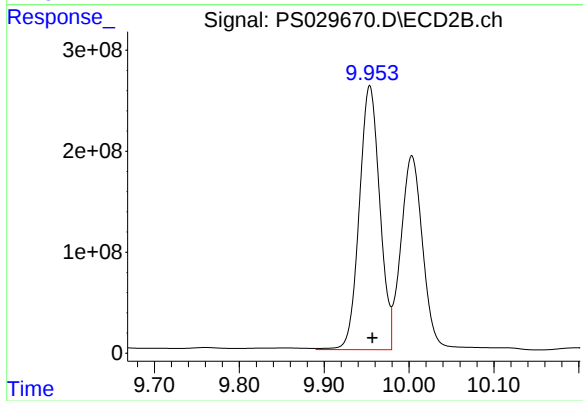
#11 2,4,5-TP (SILVEX)

R.T.: 9.549 min
Delta R.T.: -0.003 min
Response: 3998611113
Conc: 554.36 ng/ml



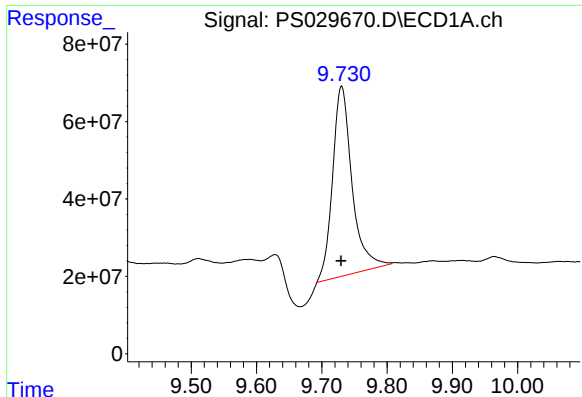
#12 2,4,5-T

R.T.: 9.169 min
Delta R.T.: -0.001 min
Response: 7818633618
Conc: 679.62 ng/ml



#12 2,4,5-T

R.T.: 9.954 min
Delta R.T.: -0.003 min
Response: 4383147131
Conc: 653.92 ng/ml



#13 2,4-DB

R.T.: 9.730 min
Delta R.T.: 0.000 min
Response: 1019104162
Conc: 560.95 ng/ml

Instrument :

ECD_S

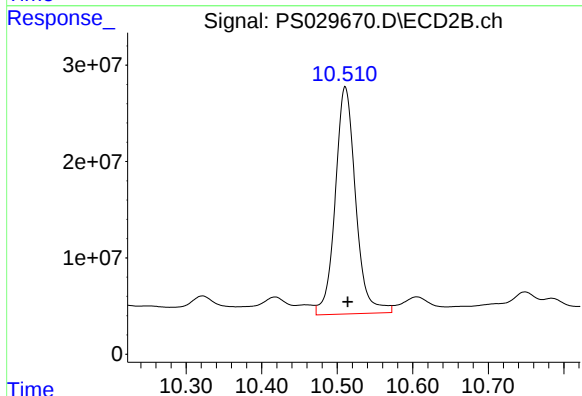
ClientSampleId :

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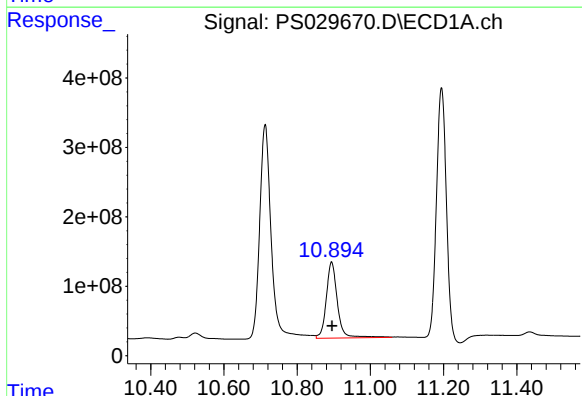
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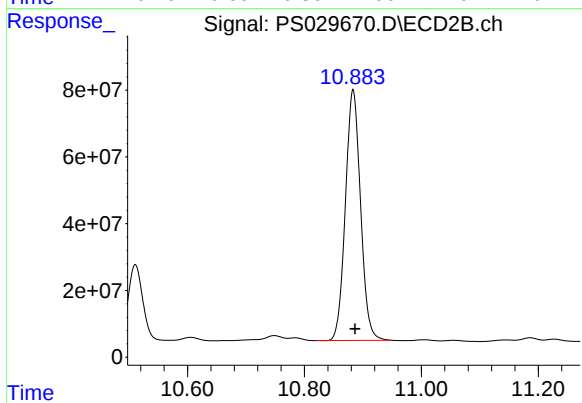
#13 2,4-DB

R.T.: 10.511 min
Delta R.T.: -0.003 min
Response: 442335856
Conc: 596.16 ng/ml



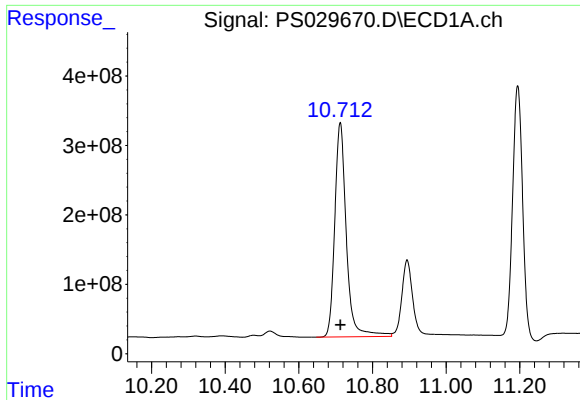
#14 DINOSEB

R.T.: 10.894 min
Delta R.T.: -0.001 min
Response: 2318449312
Conc: 274.63 ng/ml



#14 DINOSEB

R.T.: 10.883 min
Delta R.T.: -0.003 min
Response: 1352510393
Conc: 264.53 ng/ml



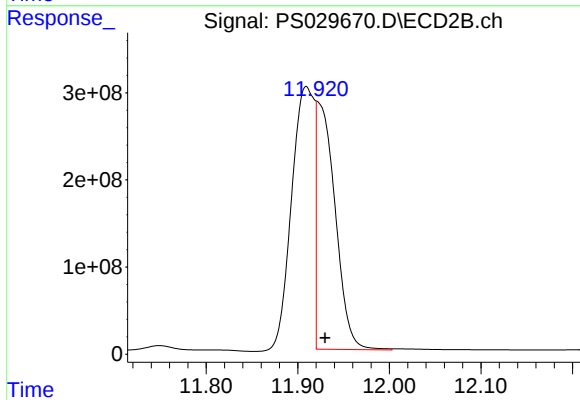
#15 Picloram

R.T.: 10.713 min
Delta R.T.: 0.000 min
Response: 6744862769
Conc: 435.14 ng/ml

Instrument :
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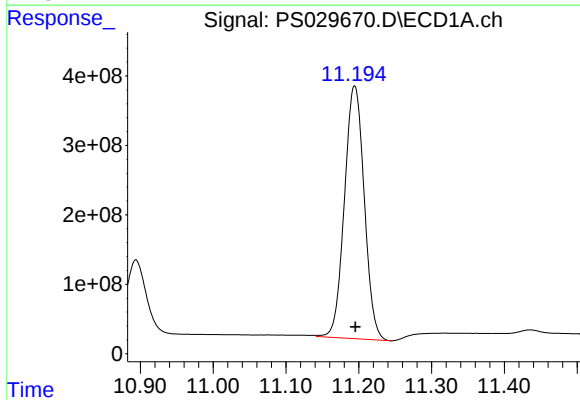
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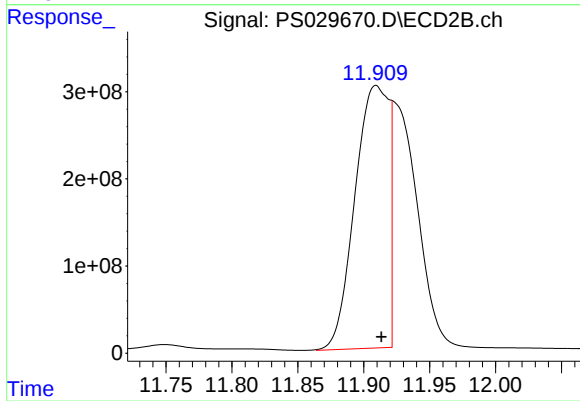
#15 Picloram

R.T.: 11.920 min
Delta R.T.: -0.009 min
Response: 3959828877
Conc: 334.89 ng/ml m



#16 DCPA

R.T.: 11.194 min
Delta R.T.: -0.001 min
Response: 6884892804
Conc: 492.97 ng/ml



#16 DCPA

R.T.: 11.909 min
Delta R.T.: -0.005 min
Response: 5380792522
Conc: 607.95 ng/ml m