

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080223\
 Data File : PS023912.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2023 19:51
 Operator : AR\AJ
 Sample : 03849-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 GROVE-SOIL-0731MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/03/2023
 Supervised By : Ankita Jodhani 08/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 22:13:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072023.M
 Quant Title : 8080.M
 QLast Update : Thu Jul 20 19:21:53 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	6.370	6.804	370.1E6	109.2E6	186.647	160.521
Target Compounds							
1) T	Dalapon	2.489	2.561	308.9E6	129.8E6	144.231	117.231
2) T	3,5-DICHL...	5.744	5.985	404.8E6	124.1E6	131.091	115.932
3) T	4-Nitroph...	6.208	6.415	300.6E6	86827737	241.812	205.018m
5) T	DICAMBA	6.513	6.968	1432.0E6	425.5E6	158.070	139.440
8) T	DICHLORPROP	7.102	7.586	249.4E6	94309473	106.734	124.838
9) T	2,4-D	7.299	7.871	439.7E6	136.5E6	170.424	160.107
10) T	Pentachlo...	7.529	8.297	3638.6E6	1113.3E6	113.158	100.650
11) T	2,4,5-TP ...	8.051	8.656	1262.7E6	360.5E6	97.641	86.752
12) T	2,4,5-T	8.306	9.027	1401.5E6	399.2E6	119.005	101.398
13) T	2,4-DB	8.814	9.532	217.1E6	57080961	143.227	115.111
14) T	DINOSEB	9.868	9.859	158.1E6	44223422	19.133	15.997
15) T	Picloram	9.692	10.817	2719.3E6	967.7E6	177.429	159.544
16) T	DCPA	10.133	10.785	3220.9E6	966.5E6	220.701m	203.275

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

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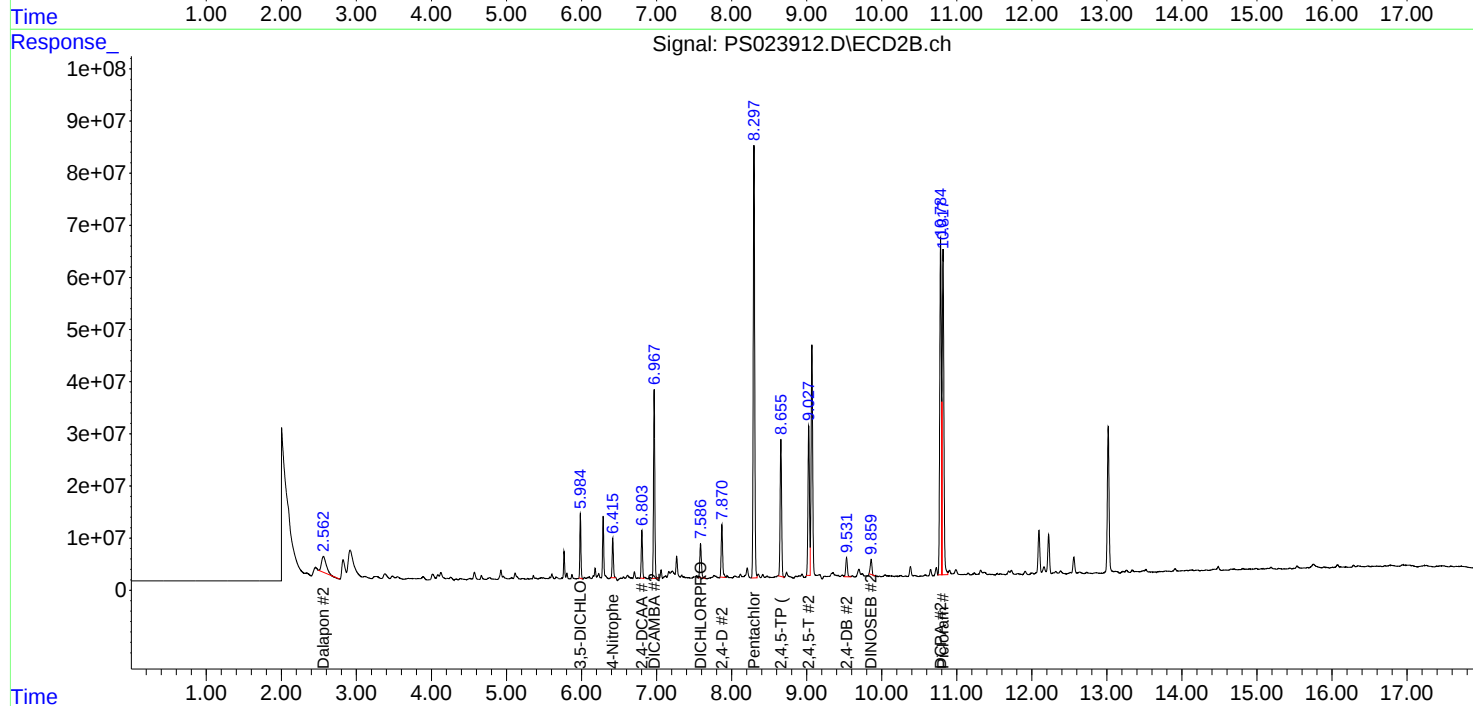
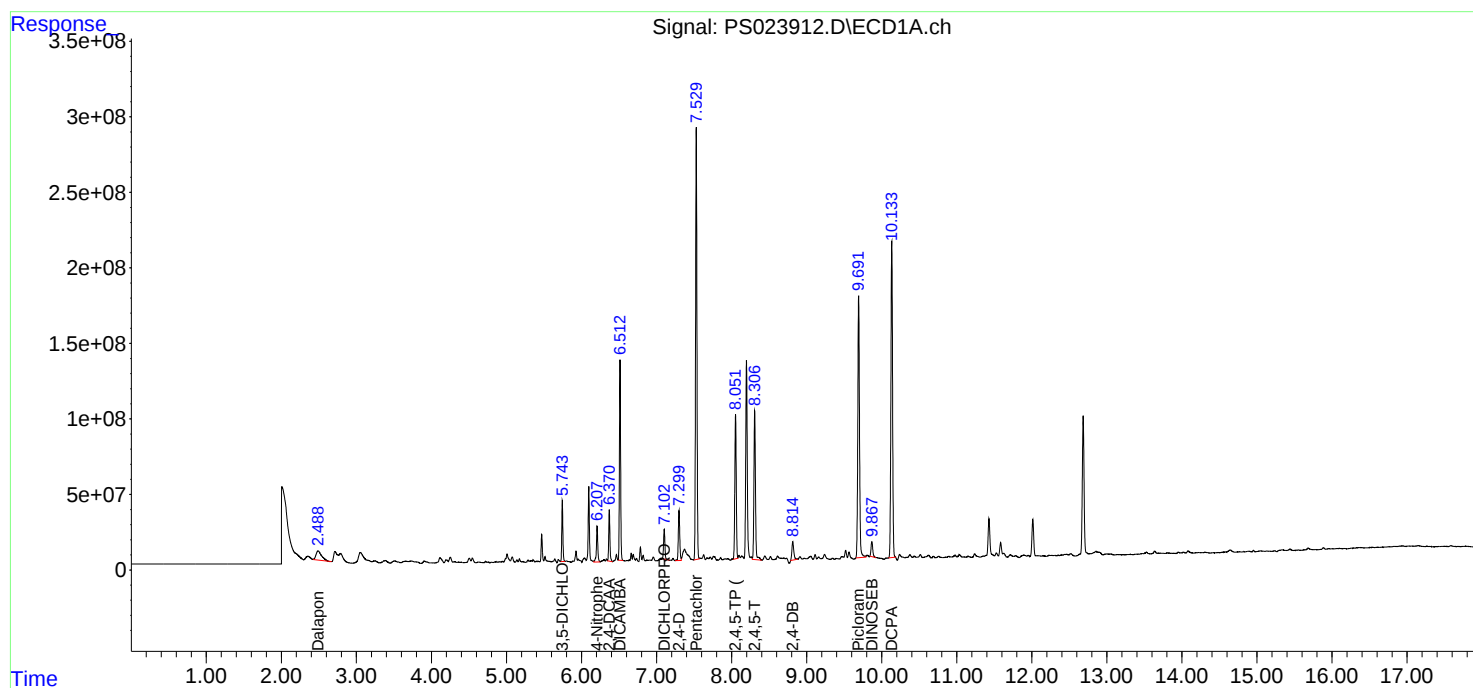
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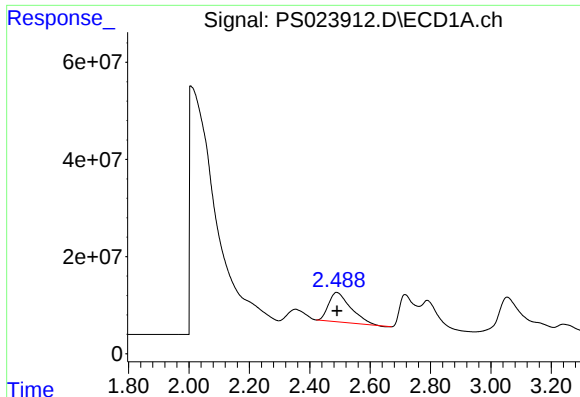
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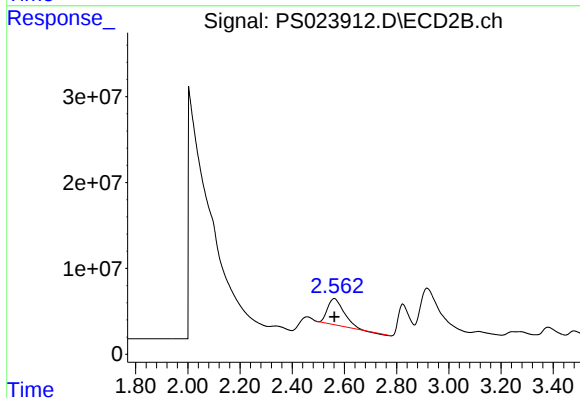
#1 Dalapon

R.T.: 2.489 min
Delta R.T.: -0.002 min
Response: 308927810
Conc: 144.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
GROVE-SOIL-0731MSD

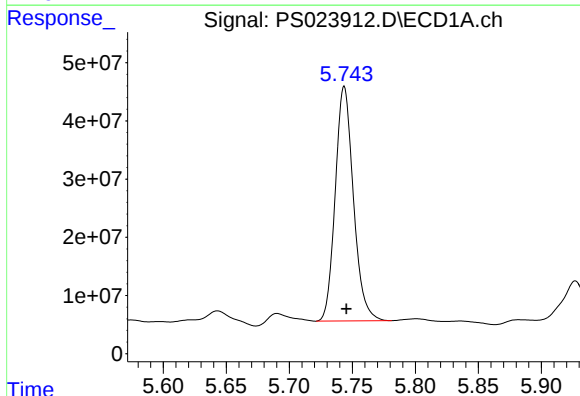
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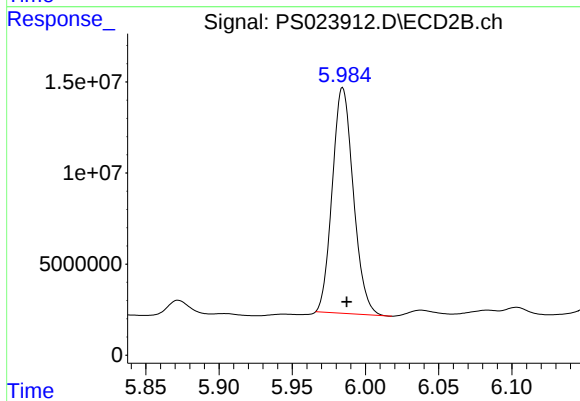
#1 Dalapon

R.T.: 2.561 min
Delta R.T.: -0.001 min
Response: 129827825
Conc: 117.23 ng/ml



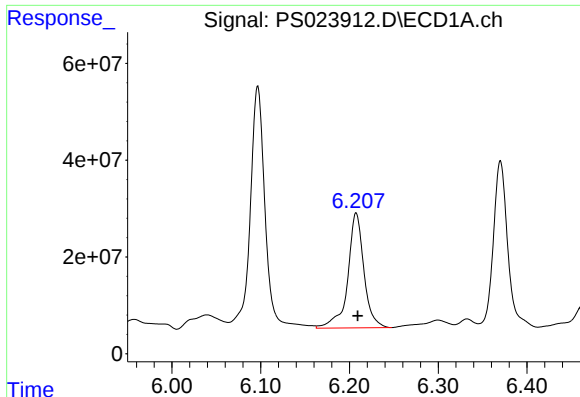
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.744 min
Delta R.T.: -0.002 min
Response: 404829667
Conc: 131.09 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.985 min
Delta R.T.: -0.003 min
Response: 124142548
Conc: 115.93 ng/ml



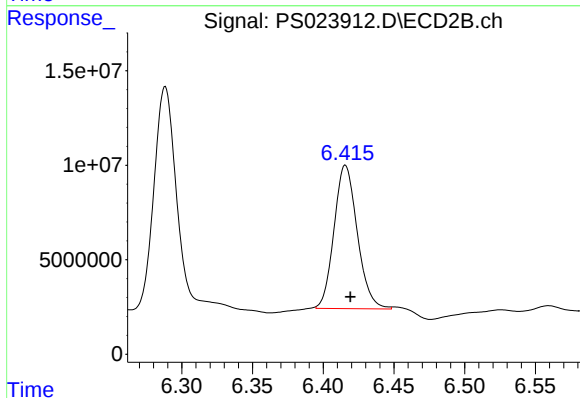
#3 4-Nitrophenol

R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 300620807
Conc: 241.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
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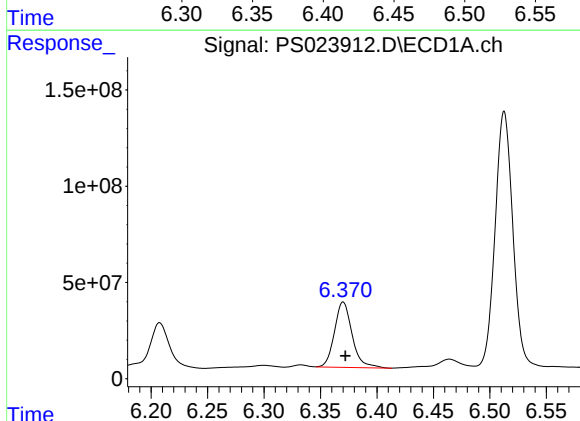
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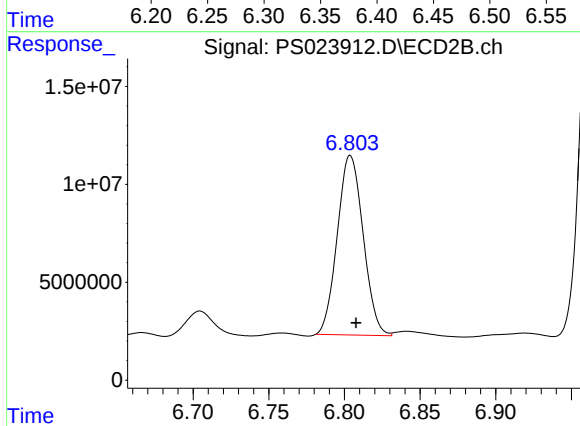
#3 4-Nitrophenol

R.T.: 6.415 min
Delta R.T.: -0.004 min
Response: 86827737
Conc: 205.02 ng/ml m



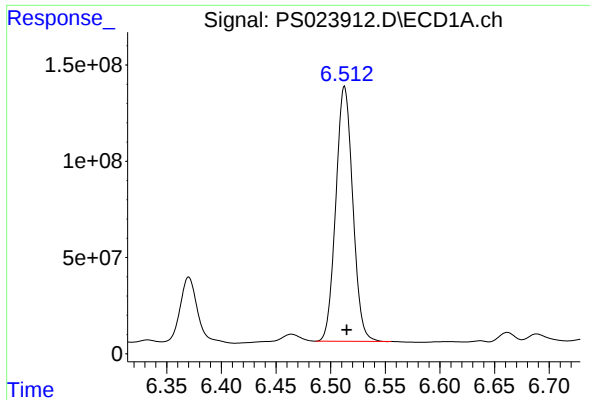
#4 2,4-DCAA

R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 370053364
Conc: 186.65 ng/ml



#4 2,4-DCAA

R.T.: 6.804 min
Delta R.T.: -0.004 min
Response: 109170362
Conc: 160.52 ng/ml



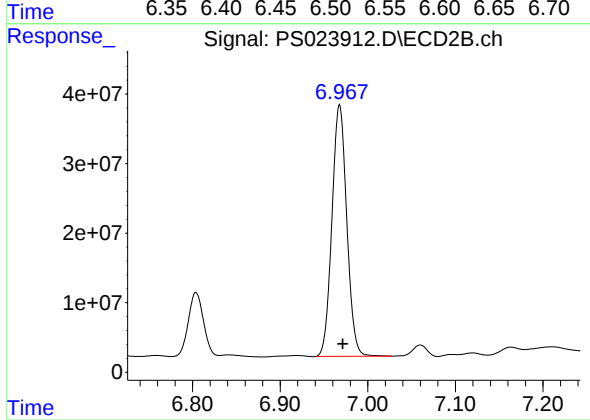
#5 DICAMBA

R.T.: 6.513 min
Delta R.T.: -0.002 min
Response: 1432045287
Conc: 158.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
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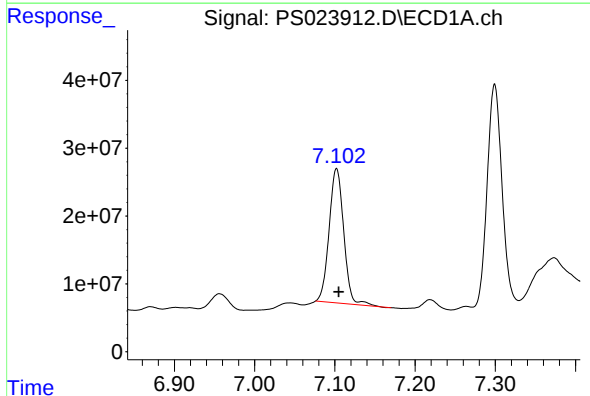
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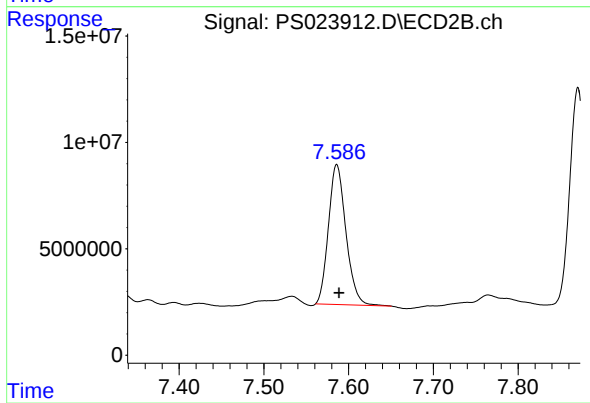
#5 DICAMBA

R.T.: 6.968 min
Delta R.T.: -0.004 min
Response: 425543395
Conc: 139.44 ng/ml



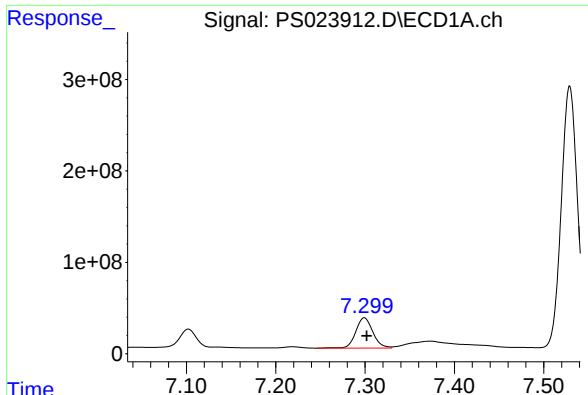
#8 DICHLORPROP

R.T.: 7.102 min
Delta R.T.: -0.003 min
Response: 249357531
Conc: 106.73 ng/ml



#8 DICHLORPROP

R.T.: 7.586 min
Delta R.T.: -0.003 min
Response: 94309473
Conc: 124.84 ng/ml



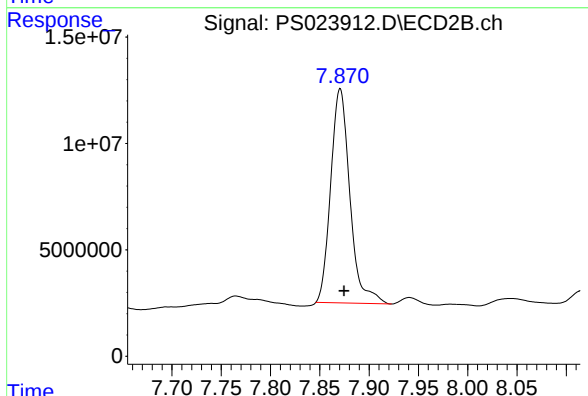
#9 2,4-D

R.T.: 7.299 min
Delta R.T.: -0.003 min
Response: 439666533
Conc: 170.42 ng/ml

Instrument :
ECD_S
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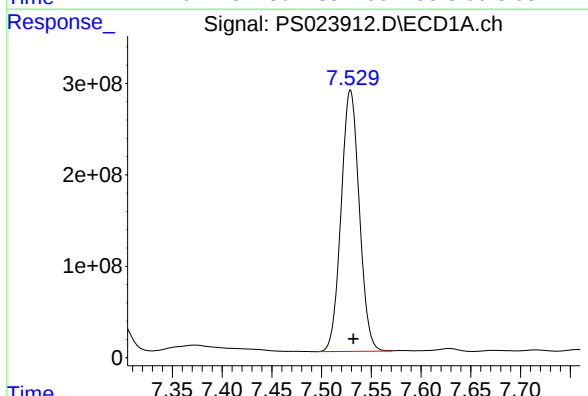
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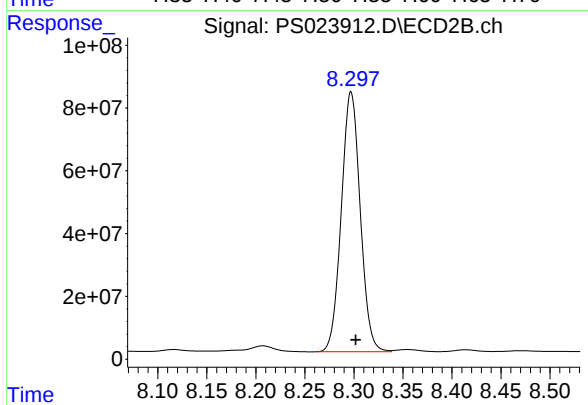
#9 2,4-D

R.T.: 7.871 min
Delta R.T.: -0.004 min
Response: 136469235
Conc: 160.11 ng/ml



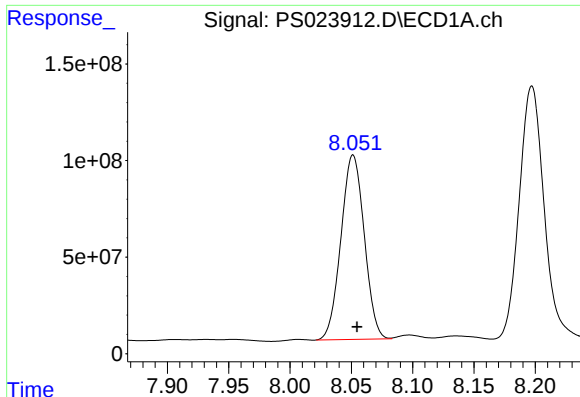
#10 Pentachlorophenol

R.T.: 7.529 min
Delta R.T.: -0.003 min
Response: 3638636393
Conc: 113.16 ng/ml



#10 Pentachlorophenol

R.T.: 8.297 min
Delta R.T.: -0.005 min
Response: 1113293036
Conc: 100.65 ng/ml



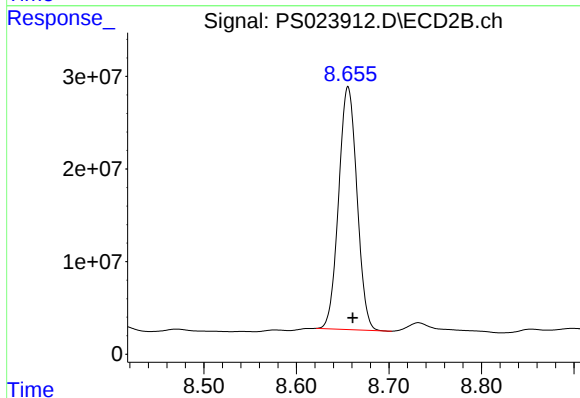
#11 2,4,5-TP (SILVEX)

R.T.: 8.051 min
Delta R.T.: -0.003 min
Response: 1262668858
Conc: 97.64 ng/ml

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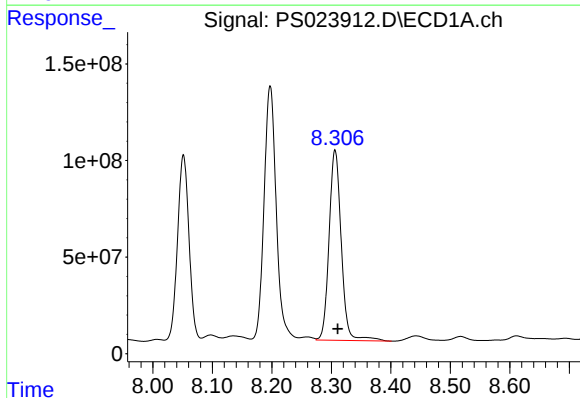
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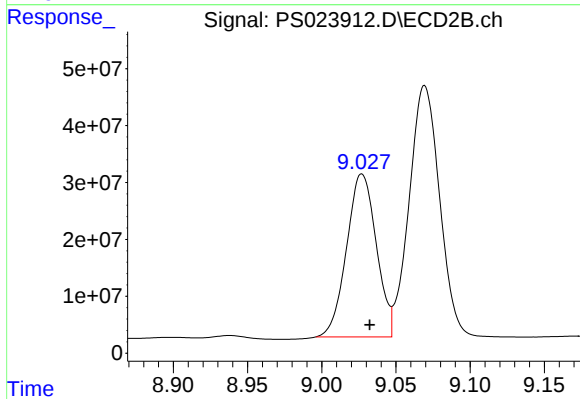
#11 2,4,5-TP (SILVEX)

R.T.: 8.656 min
Delta R.T.: -0.005 min
Response: 360460300
Conc: 86.75 ng/ml



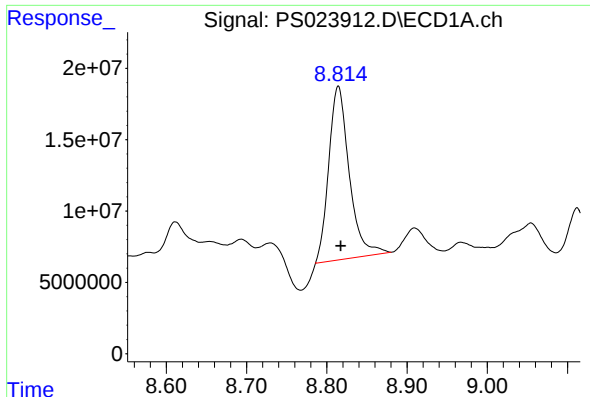
#12 2,4,5-T

R.T.: 8.306 min
Delta R.T.: -0.005 min
Response: 1401486974
Conc: 119.00 ng/ml



#12 2,4,5-T

R.T.: 9.027 min
Delta R.T.: -0.005 min
Response: 399175778
Conc: 101.40 ng/ml



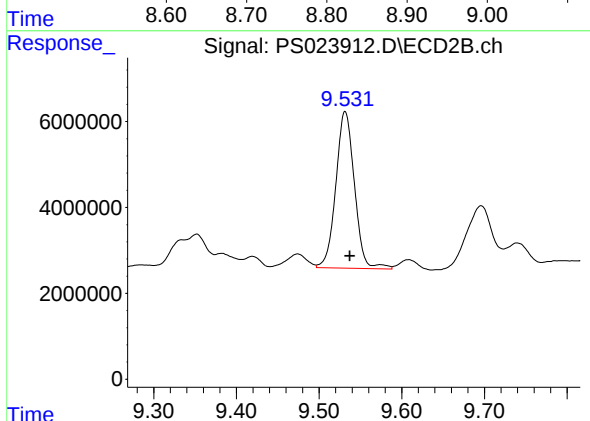
#13 2,4-DB

R.T.: 8.814 min
Delta R.T.: -0.003 min
Response: 217082609
Conc: 143.23 ng/ml

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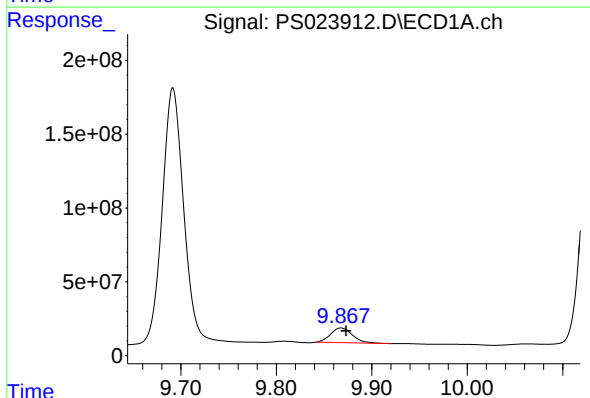
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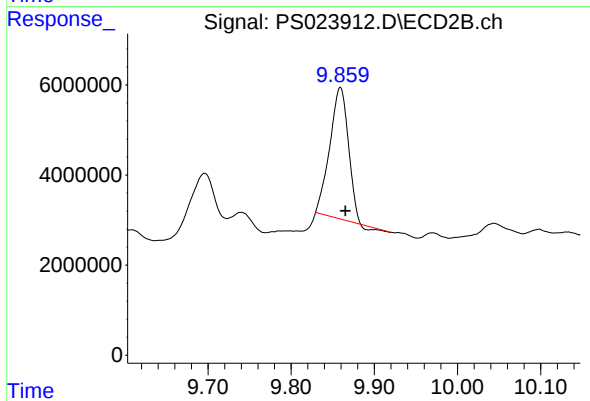
#13 2,4-DB

R.T.: 9.532 min
Delta R.T.: -0.005 min
Response: 57080961
Conc: 115.11 ng/ml



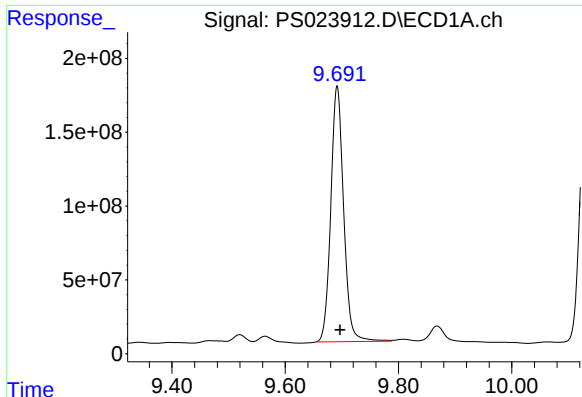
#14 DINOSEB

R.T.: 9.868 min
Delta R.T.: -0.005 min
Response: 158094637
Conc: 19.13 ng/ml



#14 DINOSEB

R.T.: 9.859 min
Delta R.T.: -0.006 min
Response: 44223422
Conc: 16.00 ng/ml



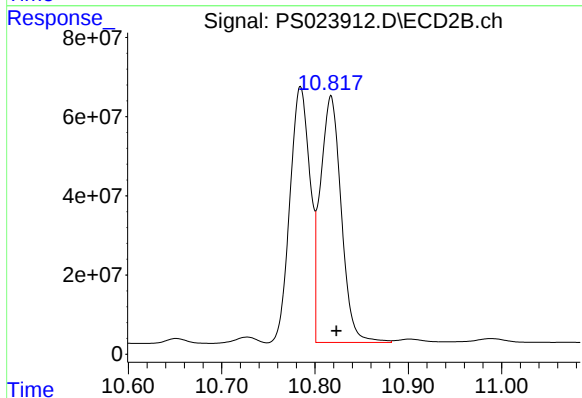
#15 Picloram

R.T.: 9.692 min
Delta R.T.: -0.005 min
Response: 2719274304
Conc: 177.43 ng/ml

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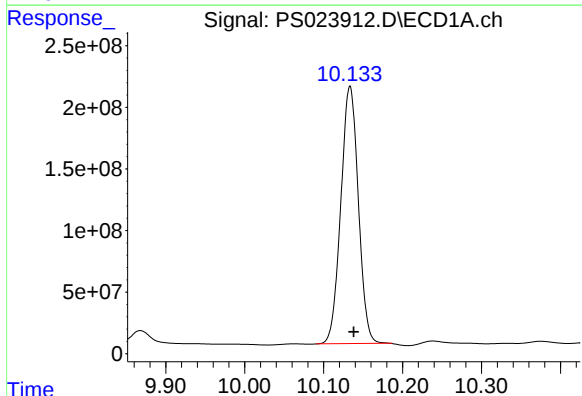
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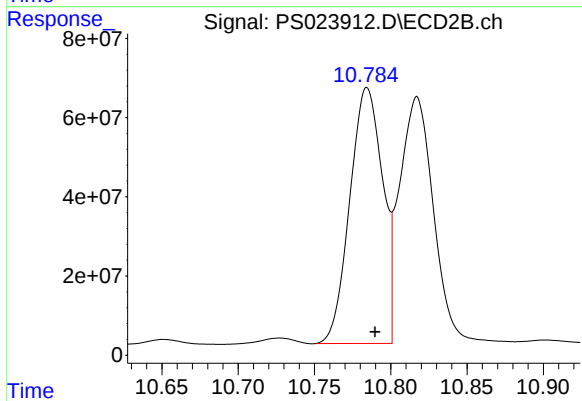
#15 Picloram

R.T.: 10.817 min
Delta R.T.: -0.006 min
Response: 967671274
Conc: 159.54 ng/ml



#16 DCPA

R.T.: 10.133 min
Delta R.T.: -0.005 min
Response: 3220934344
Conc: 220.70 ng/ml m



#16 DCPA

R.T.: 10.785 min
Delta R.T.: -0.005 min
Response: 966469939
Conc: 203.28 ng/ml