

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080223\
 Data File : PS023911.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2023 19:27
 Operator : AR\AJ
 Sample : 03849-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 GROVE-SOIL-0731MS

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 22:12:43 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	358.1E6	109.7E6	180.629	161.327
Target Compounds							
1) T	Dalapon	2.489	2.559	303.9E6	124.3E6	141.892	112.236
2) T	3,5-DICHL...	5.744	5.985	389.8E6	120.9E6	126.209	112.895
3) T	4-Nitroph...	6.208	6.416	276.9E6	77129552	222.760	182.118m
5) T	DICAMBA	6.513	6.968	1381.8E6	411.6E6	152.519	134.874
8) T	DICHLORPROP	7.103	7.586	245.6E6	93343061	105.136	123.559
9) T	2,4-D	7.300	7.871	426.4E6	133.1E6	165.296	156.121
10) T	Pentachlo...	7.530	8.298	3517.4E6	1075.1E6	109.388	97.201
11) T	2,4,5-TP ...	8.052	8.656	1220.3E6	348.6E6	94.365	83.908
12) T	2,4,5-T	8.307	9.028	1322.7E6	386.8E6	112.319	98.244
13) T	2,4-DB	8.815	9.532	219.0E6	55577554	144.515	112.079
14) T	DINOSEB	9.870	9.860	156.8E6	44945053	18.981	16.258
15) T	Picloram	9.692	10.817	2660.0E6	959.2E6	173.563	158.149
16) T	DCPA	10.133	10.784	3120.6E6	930.8E6	213.827m	195.769

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

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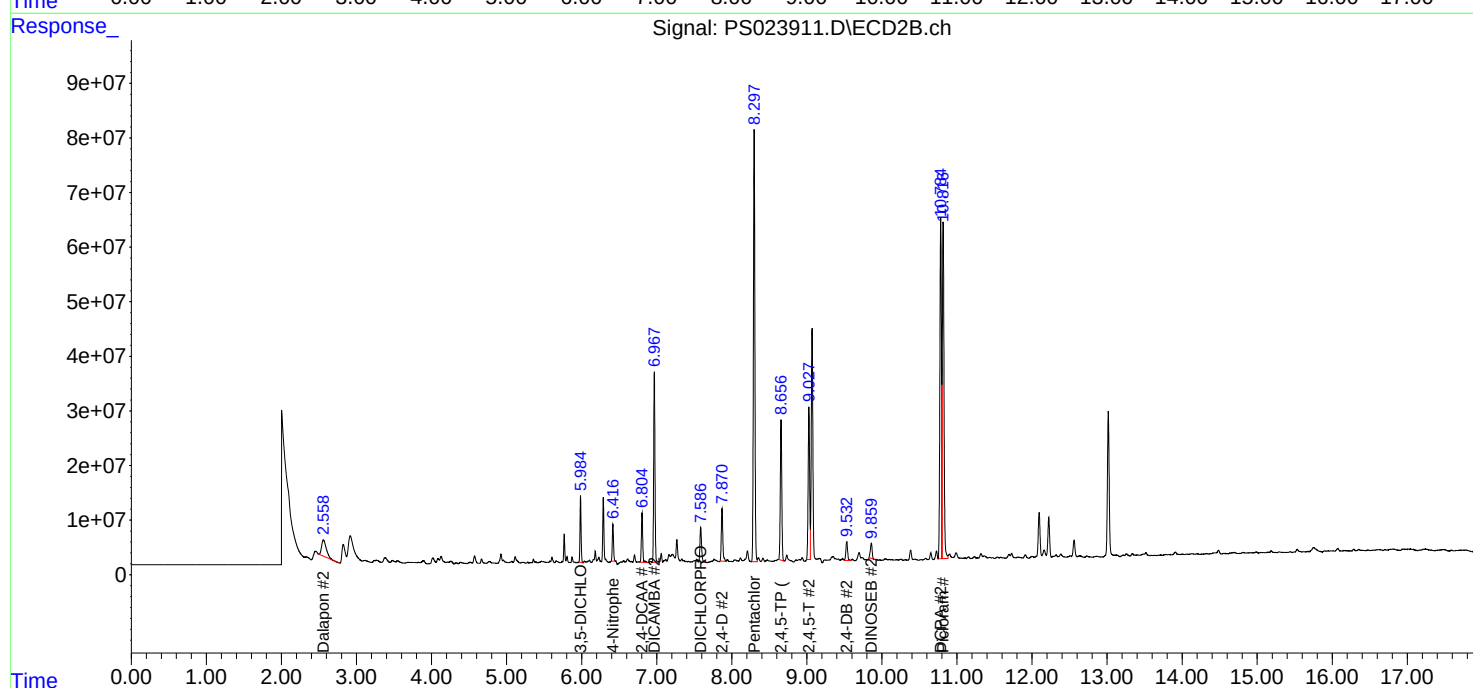
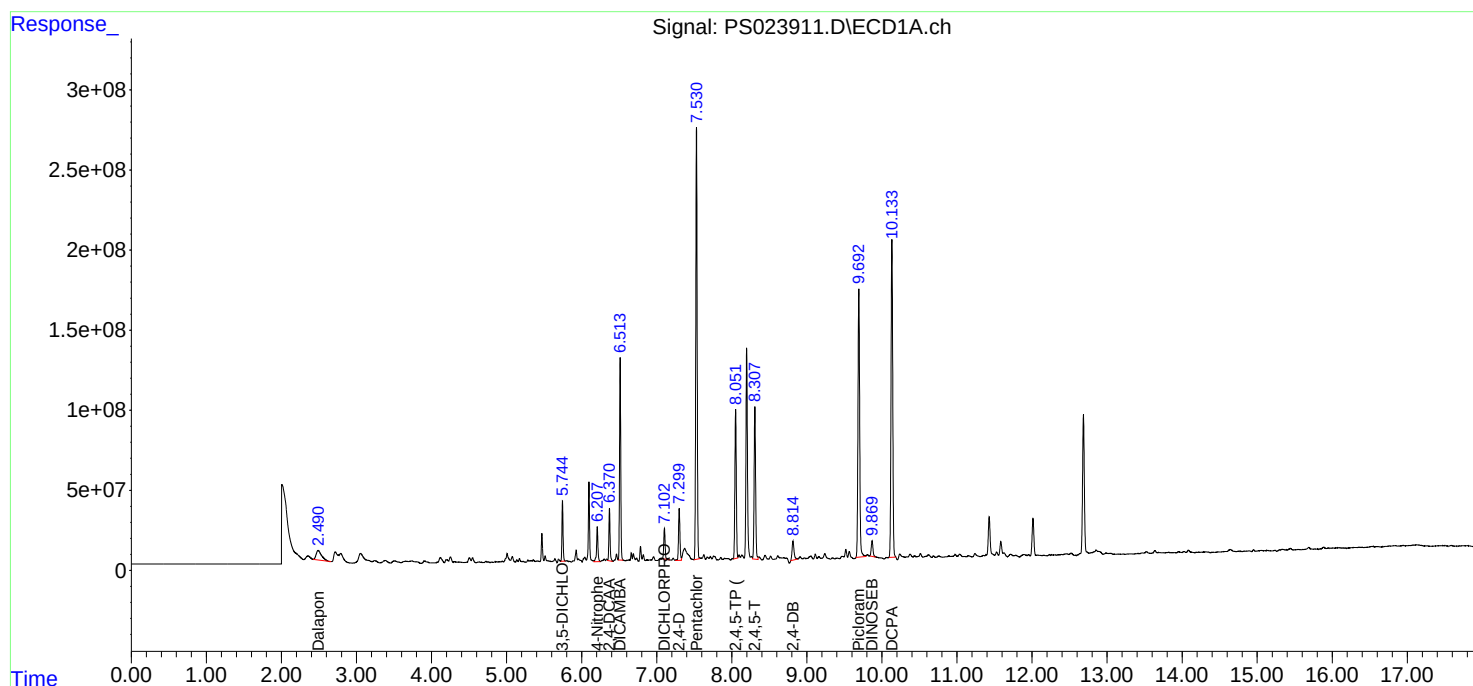
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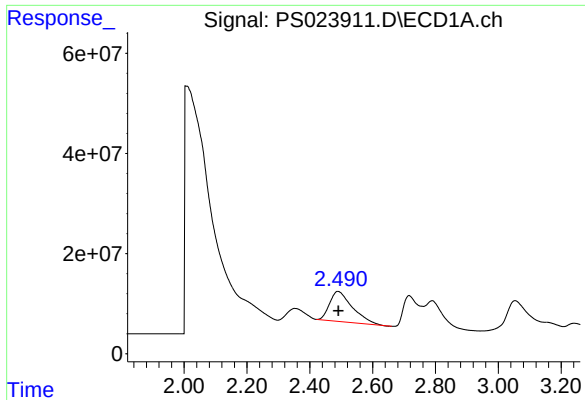
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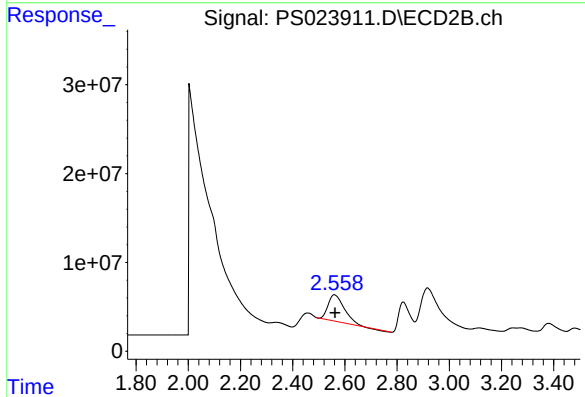
#1 Dalapon

R.T.: 2.489 min
Delta R.T.: -0.002 min
Response: 303918227
Conc: 141.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
GROVE-SOIL-0731MS

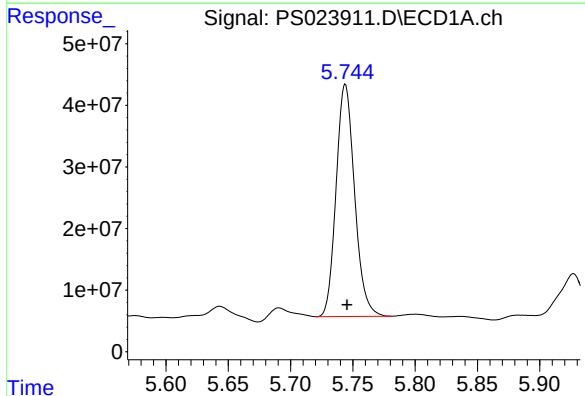
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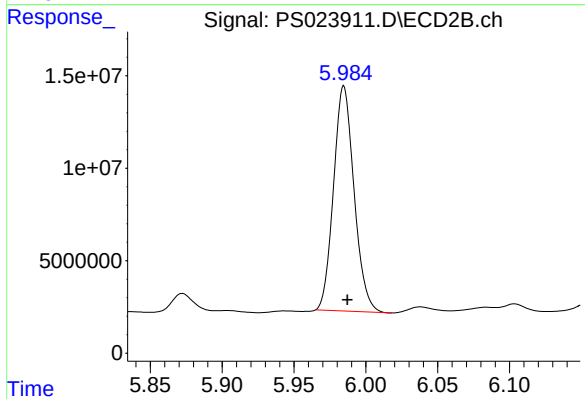
#1 Dalapon

R.T.: 2.559 min
Delta R.T.: -0.003 min
Response: 124296546
Conc: 112.24 ng/ml



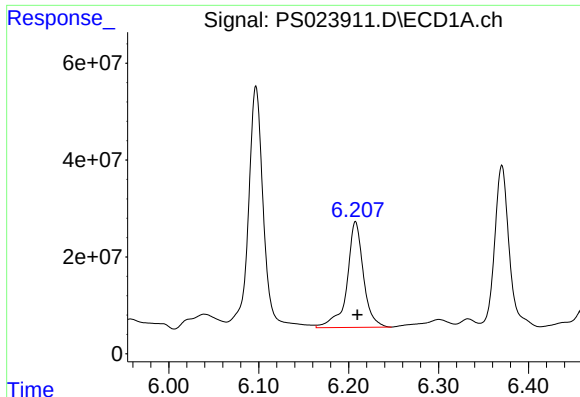
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.744 min
Delta R.T.: -0.001 min
Response: 389753417
Conc: 126.21 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.985 min
Delta R.T.: -0.002 min
Response: 120889703
Conc: 112.89 ng/ml



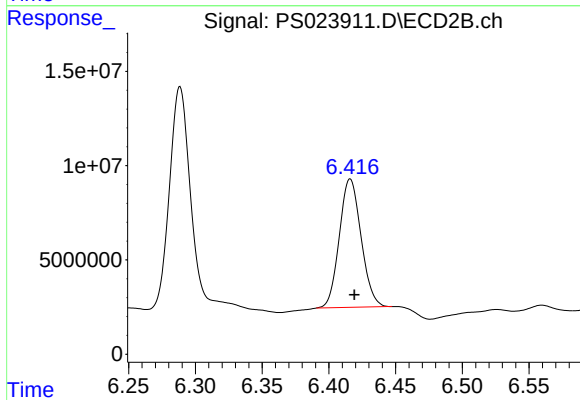
#3 4-Nitrophenol

R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 276935105
Conc: 222.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
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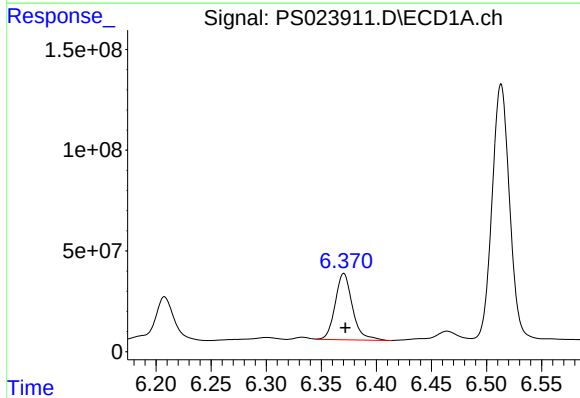
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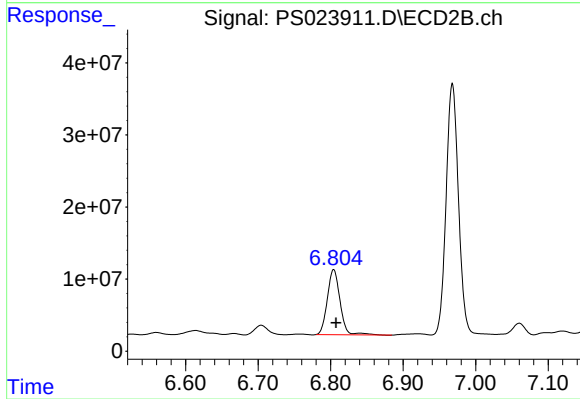
#3 4-Nitrophenol

R.T.: 6.416 min
Delta R.T.: -0.003 min
Response: 77129552
Conc: 182.12 ng/ml m



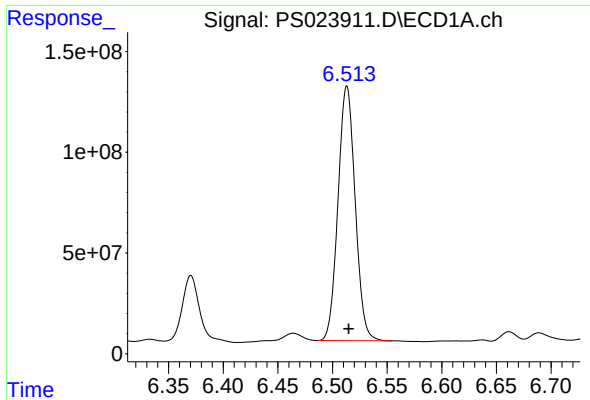
#4 2,4-DCAA

R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 358122270
Conc: 180.63 ng/ml



#4 2,4-DCAA

R.T.: 6.804 min
Delta R.T.: -0.003 min
Response: 109718571
Conc: 161.33 ng/ml



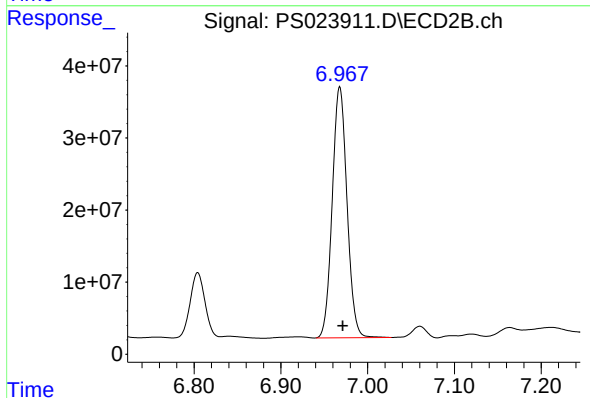
#5 DICAMBA

R.T.: 6.513 min
Delta R.T.: -0.001 min
Response: 1381755691
Conc: 152.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
GROVE-SOIL-0731MS

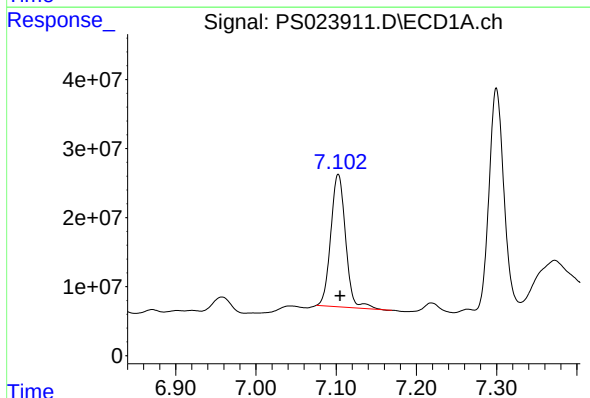
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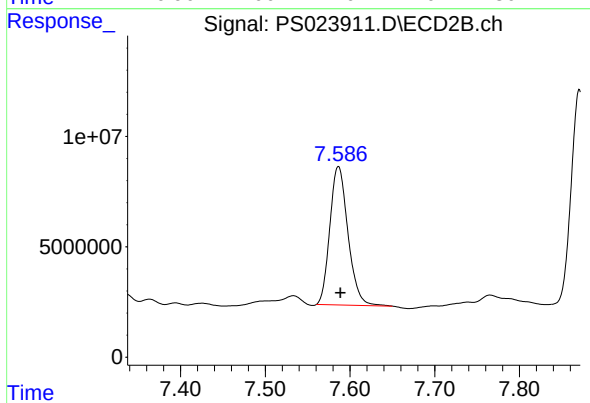
#5 DICAMBA

R.T.: 6.968 min
Delta R.T.: -0.004 min
Response: 411610408
Conc: 134.87 ng/ml



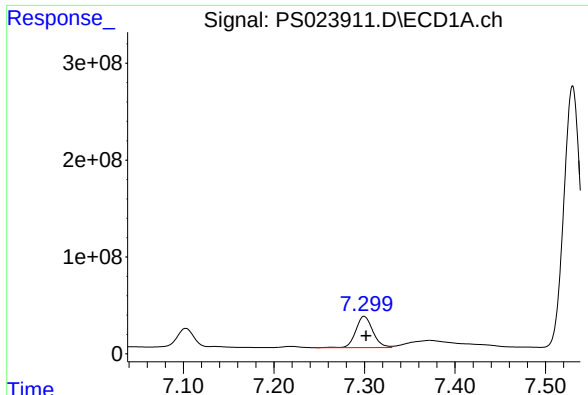
#8 DICHLORPROP

R.T.: 7.103 min
Delta R.T.: -0.002 min
Response: 245624704
Conc: 105.14 ng/ml



#8 DICHLORPROP

R.T.: 7.586 min
Delta R.T.: -0.002 min
Response: 93343061
Conc: 123.56 ng/ml



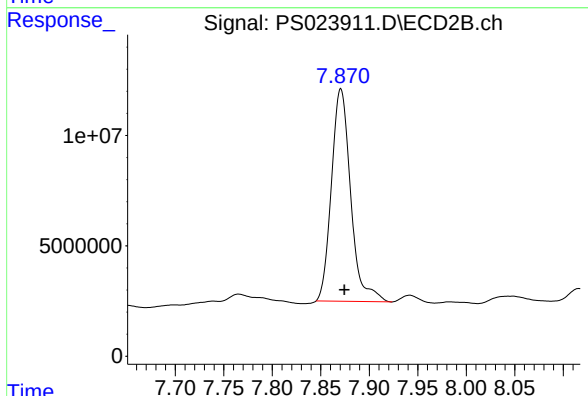
#9 2,4-D

R.T.: 7.300 min
Delta R.T.: -0.002 min
Response: 426438783
Conc: 165.30 ng/ml

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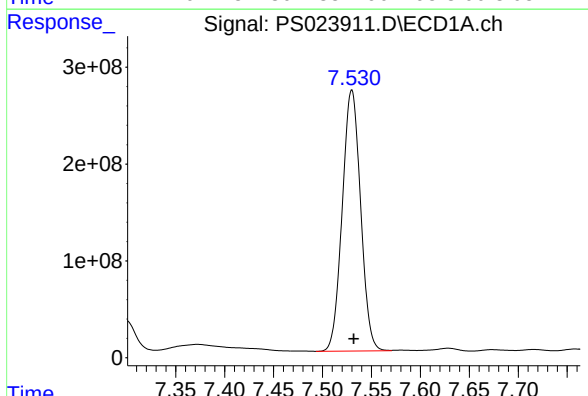
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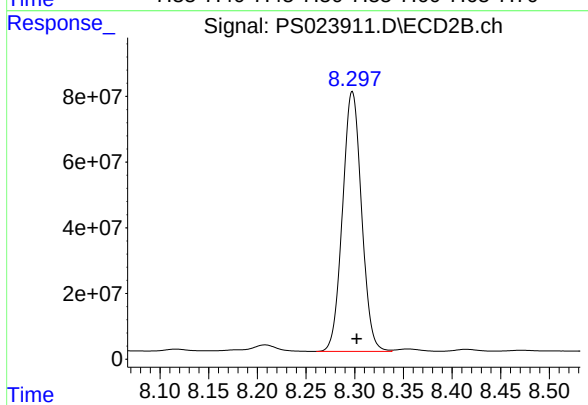
#9 2,4-D

R.T.: 7.871 min
Delta R.T.: -0.004 min
Response: 133071529
Conc: 156.12 ng/ml



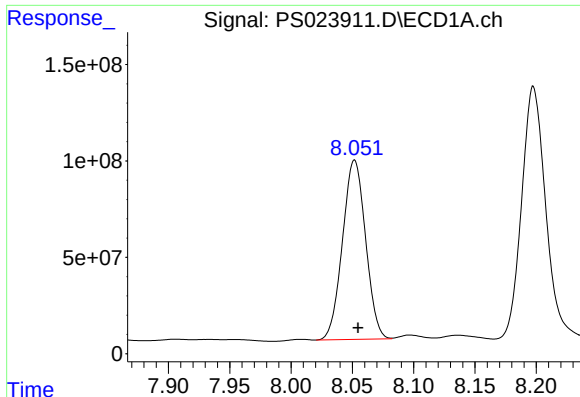
#10 Pentachlorophenol

R.T.: 7.530 min
Delta R.T.: -0.002 min
Response: 3517398446
Conc: 109.39 ng/ml



#10 Pentachlorophenol

R.T.: 8.298 min
Delta R.T.: -0.004 min
Response: 1075141769
Conc: 97.20 ng/ml



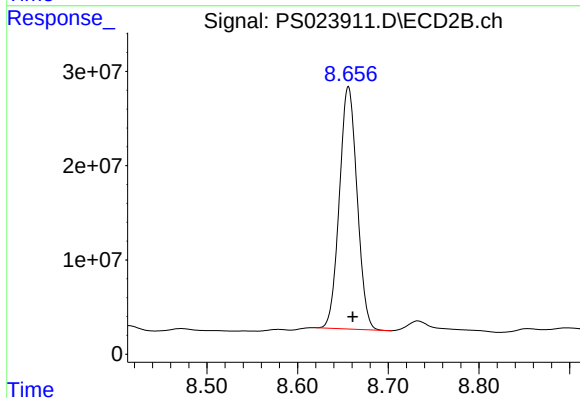
#11 2,4,5-TP (SILVEX)

R.T.: 8.052 min
Delta R.T.: -0.003 min
Response: 1220315087
Conc: 94.37 ng/ml

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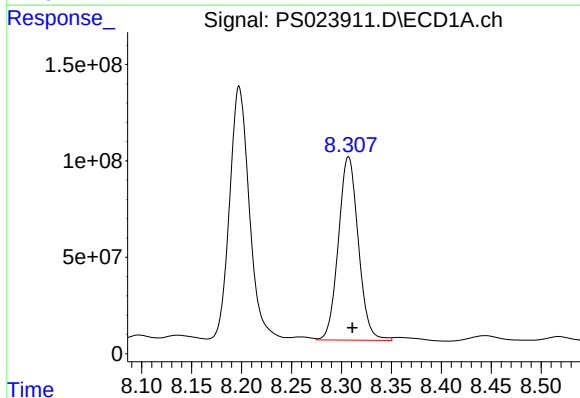
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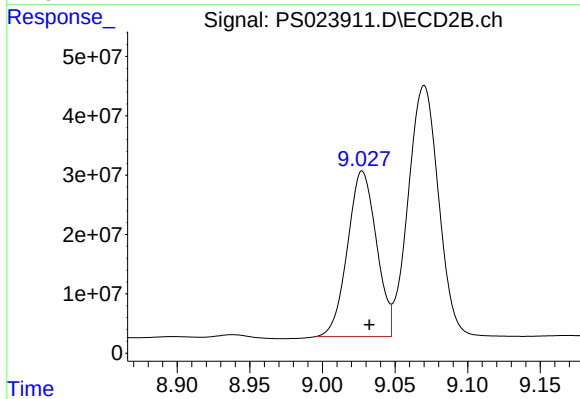
#11 2,4,5-TP (SILVEX)

R.T.: 8.656 min
Delta R.T.: -0.005 min
Response: 348642703
Conc: 83.91 ng/ml



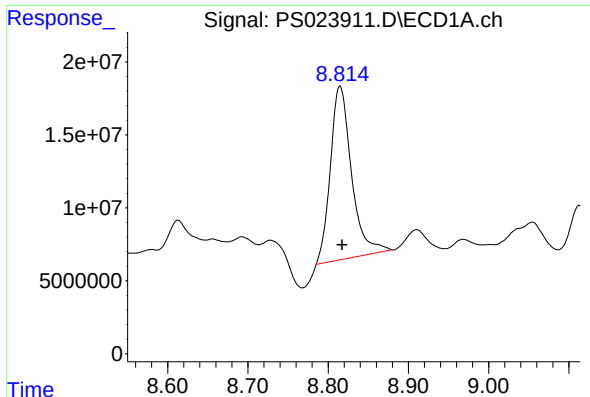
#12 2,4,5-T

R.T.: 8.307 min
Delta R.T.: -0.004 min
Response: 1322745311
Conc: 112.32 ng/ml



#12 2,4,5-T

R.T.: 9.028 min
Delta R.T.: -0.005 min
Response: 386757919
Conc: 98.24 ng/ml



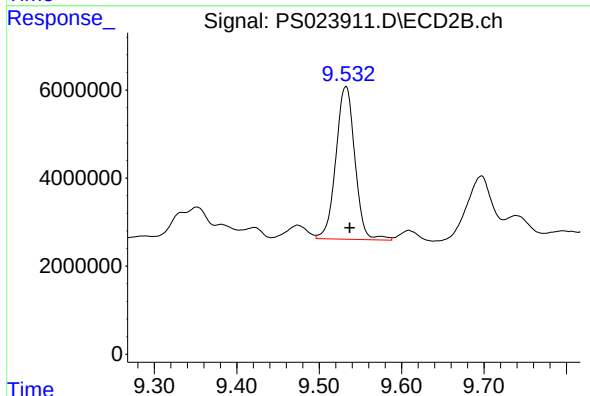
#13 2,4-DB

R.T.: 8.815 min
Delta R.T.: -0.002 min
Response: 219034558
Conc: 144.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
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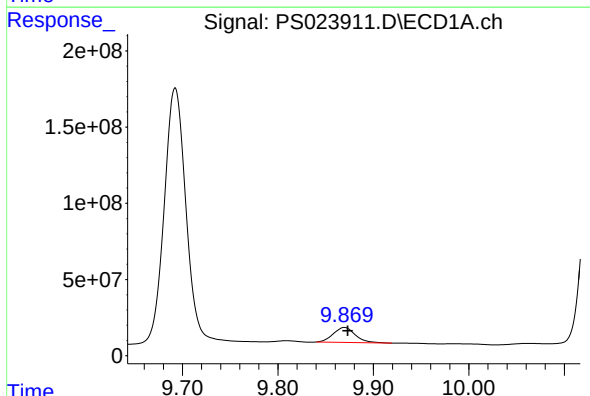
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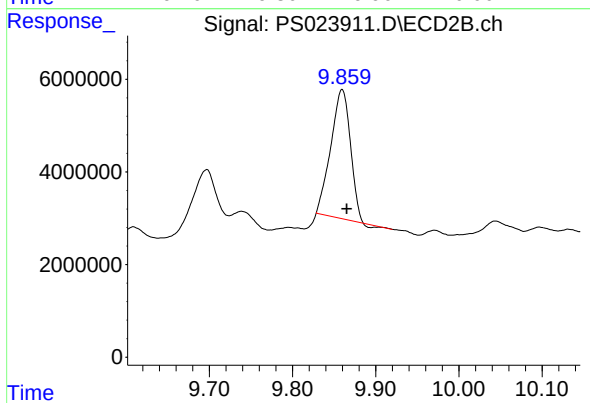
#13 2,4-DB

R.T.: 9.532 min
Delta R.T.: -0.005 min
Response: 55577554
Conc: 112.08 ng/ml



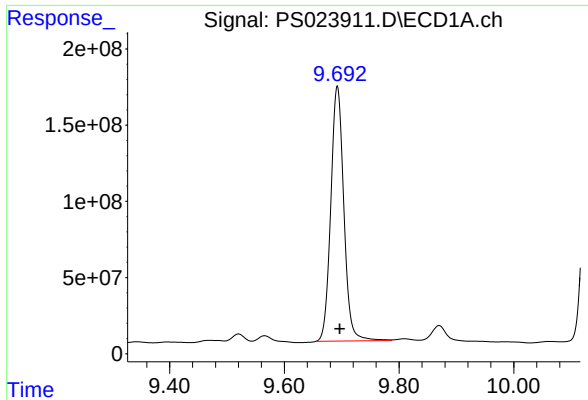
#14 DINOSEB

R.T.: 9.870 min
Delta R.T.: -0.004 min
Response: 156842217
Conc: 18.98 ng/ml



#14 DINOSEB

R.T.: 9.860 min
Delta R.T.: -0.006 min
Response: 44945053
Conc: 16.26 ng/ml



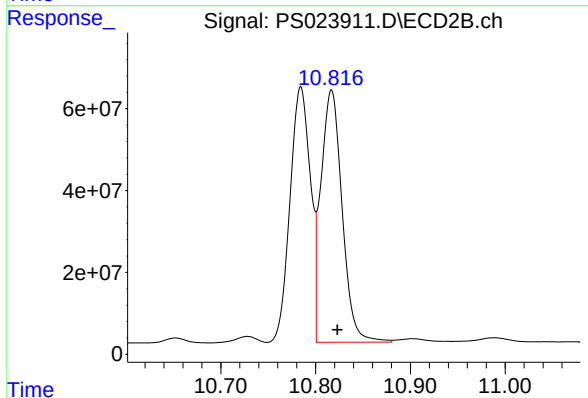
#15 Picloram

R.T.: 9.692 min
Delta R.T.: -0.004 min
Response: 2660022752
Conc: 173.56 ng/ml

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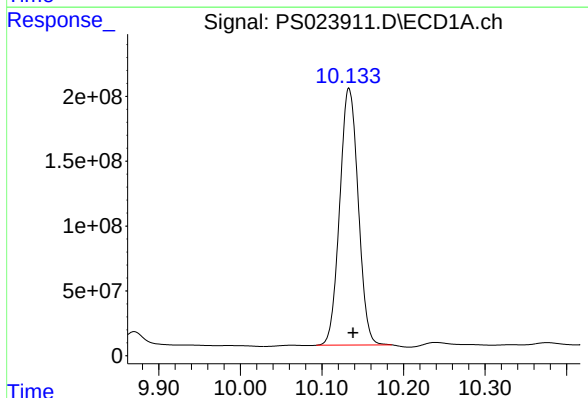
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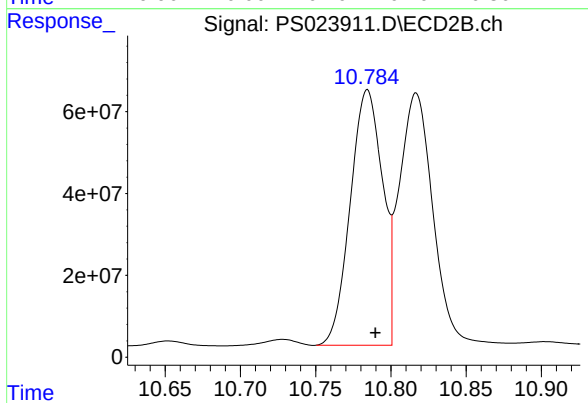
#15 Picloram

R.T.: 10.817 min
Delta R.T.: -0.006 min
Response: 959208298
Conc: 158.15 ng/ml



#16 DCPA

R.T.: 10.133 min
Delta R.T.: -0.006 min
Response: 3120609413
Conc: 213.83 ng/ml m



#16 DCPA

R.T.: 10.784 min
Delta R.T.: -0.005 min
Response: 930781509
Conc: 195.77 ng/ml