

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS081023\
 Data File : PS024017.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 12:08
 Operator : AR\AJ
 Sample : 03572-03
 Misc : MDL SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-SOIL-03-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/11/2023
 Supervised By :Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 21:26:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080823.M
 Quant Title : 8080.M
 QLast Update : Tue Aug 08 13:26:17 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	6.367	6.798	942.2E6	314.4E6	475.717	467.472
Target Compounds							
1) T	Dalapon	2.477	2.547	200.8E6	89792146	91.494	82.118
2) T	3,5-DICHL...	5.741	5.979	316.5E6	95238711	104.421	90.894
3) T	4-Nitroph...	6.205	6.410	87087327	30002566	78.683m	75.803m
5) T	DICAMBA	6.509	6.961	791.2E6	237.3E6	89.946	80.929
6) T	MCPD	6.657	7.054	38361488	13970636	6.151m	7.221
7) T	MCPA	6.780	7.261	58989808	40327387	7.023	13.785 #
8) T	DICHLORPROP	7.098	7.578	224.0E6	74375150	99.528m	101.730
9) T	2,4-D	7.297	7.862	251.2E6	86638678	101.364	101.705
10) T	Pentachlo...	7.525	8.288	3272.6E6	986.3E6	104.396	91.790
11) T	2,4,5-TP ...	8.047	8.647	1261.0E6	352.8E6	96.428m	85.803
12) T	2,4,5-T	8.303	9.018	1083.1E6	318.3E6	96.671	84.244
13) T	2,4-DB	8.810	9.522	200.3E6	43399363	112.546	95.209
14) T	DINOSEB	9.863	9.850	843.8E6	266.8E6	91.027m	88.949
15) T	Picloram	9.689	10.806	1061.7E6	348.2E6	82.115	69.875
16) T	DCPA	10.128	10.774	1719.5E6	458.6E6	109.300m	89.205

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

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Acq On : 10 Aug 2023 12:08
Operator : AR\AJ
Sample : 03572-03
Misc : MDL SOIL
ALS Vial : 5 Sample Multiplier: 1

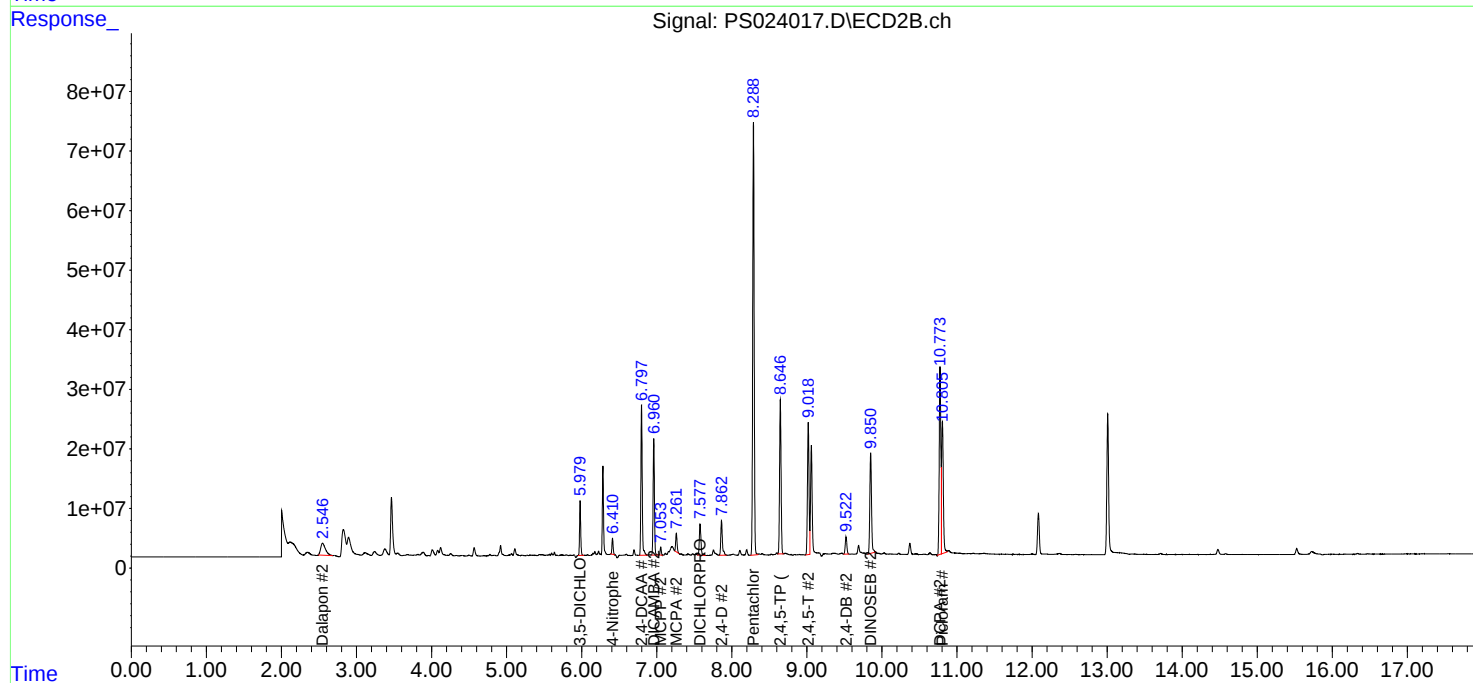
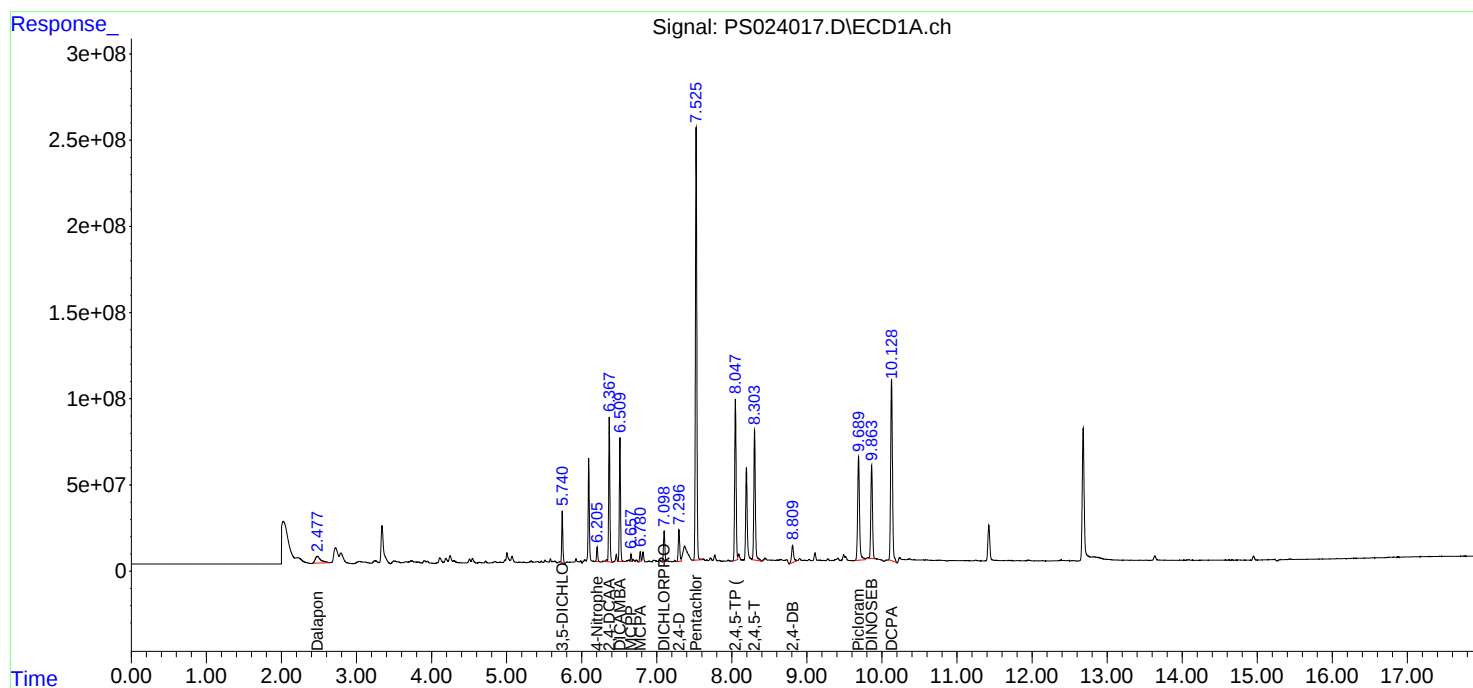
Instrument :
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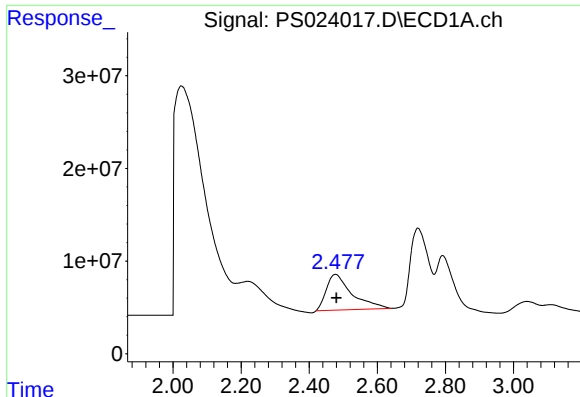
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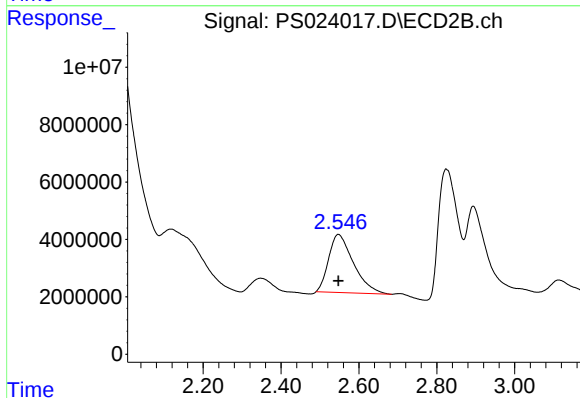
#1 Dalapon

R.T.: 2.477 min
Delta R.T.: -0.003 min
Response: 200759282
Conc: 91.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT3-2023

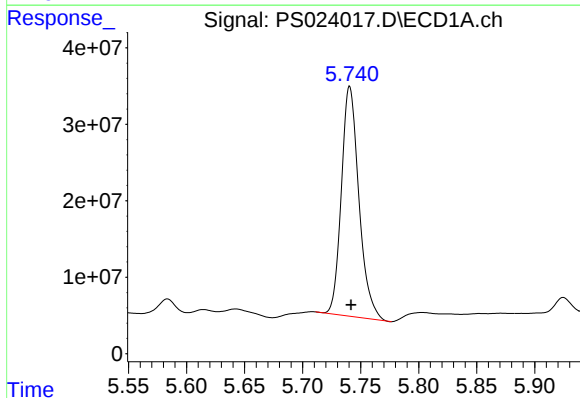
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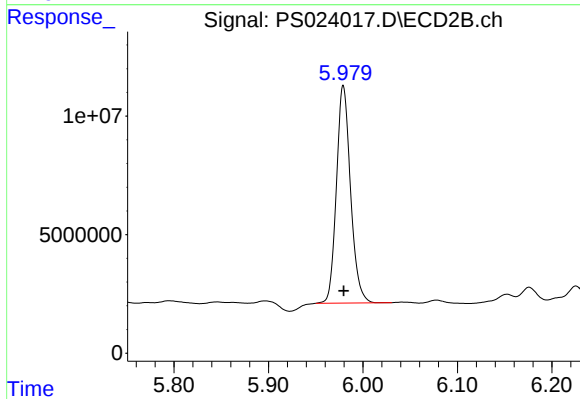
#1 Dalapon

R.T.: 2.547 min
Delta R.T.: 0.000 min
Response: 89792146
Conc: 82.12 ng/ml



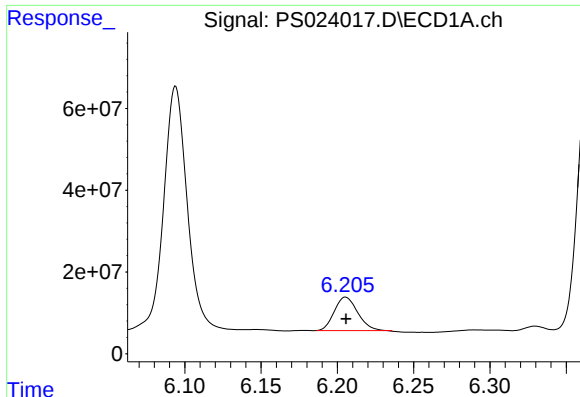
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.741 min
Delta R.T.: -0.001 min
Response: 316519987
Conc: 104.42 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 95238711
Conc: 90.89 ng/ml



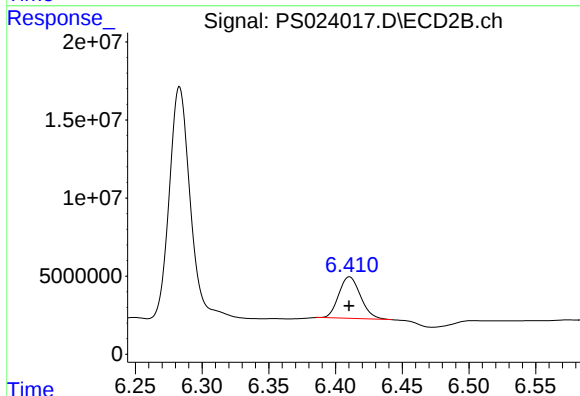
#3 4-Nitrophenol

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 87087327
Conc: 78.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT3-2023

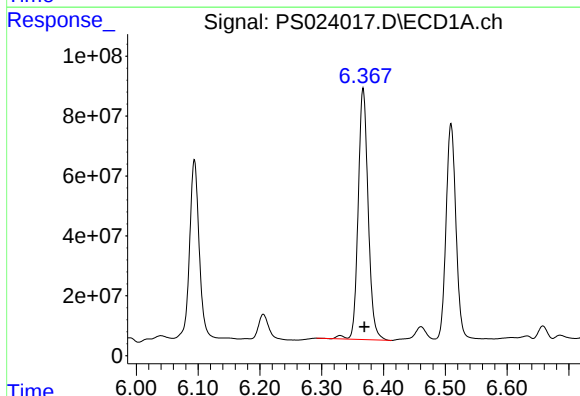
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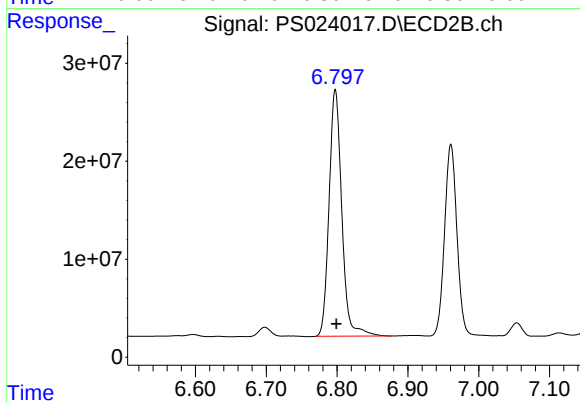
#3 4-Nitrophenol

R.T.: 6.410 min
Delta R.T.: 0.000 min
Response: 30002566
Conc: 75.80 ng/ml m



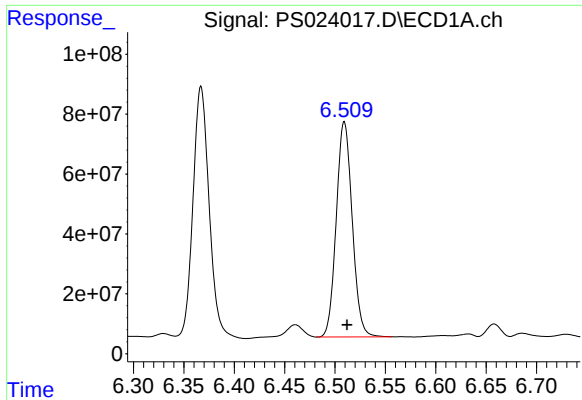
#4 2,4-DCAA

R.T.: 6.367 min
Delta R.T.: -0.002 min
Response: 942188151
Conc: 475.72 ng/ml



#4 2,4-DCAA

R.T.: 6.798 min
Delta R.T.: -0.001 min
Response: 314434254
Conc: 467.47 ng/ml



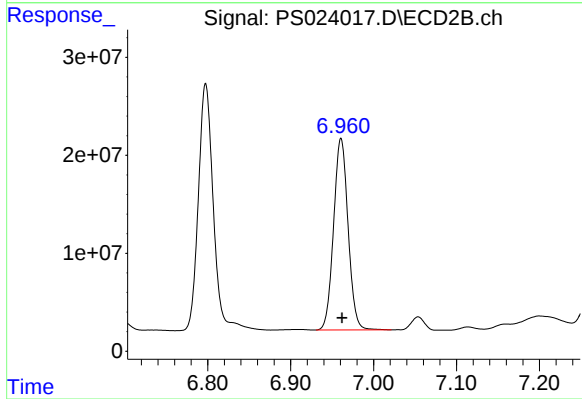
#5 DICAMBA

R.T.: 6.509 min
Delta R.T.: -0.002 min
Response: 791238862
Conc: 89.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT3-2023

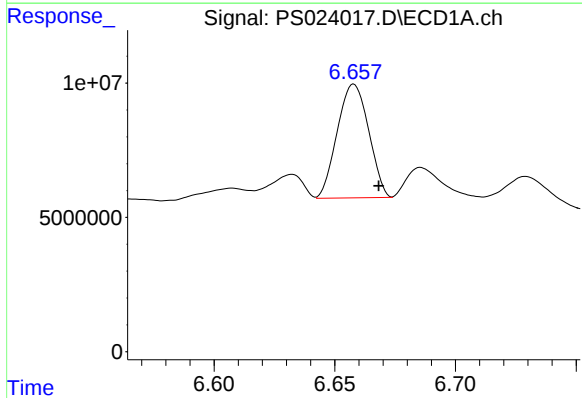
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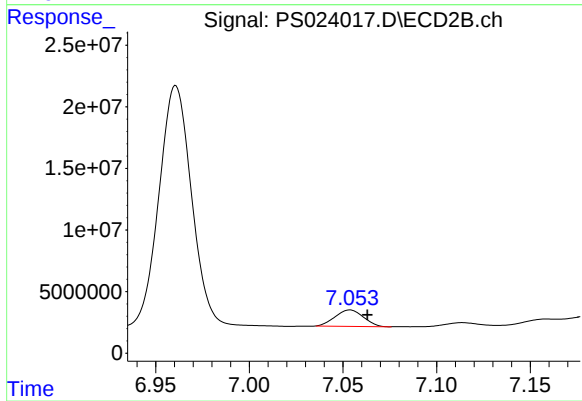
#5 DICAMBA

R.T.: 6.961 min
Delta R.T.: -0.001 min
Response: 237346319
Conc: 80.93 ng/ml



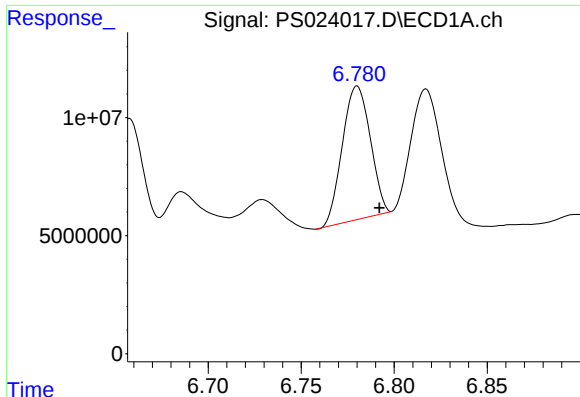
#6 MCP

R.T.: 6.657 min
Delta R.T.: -0.011 min
Response: 38361488
Conc: 6.15 ug/ml m



#6 MCP

R.T.: 7.054 min
Delta R.T.: -0.009 min
Response: 13970636
Conc: 7.22 ug/ml



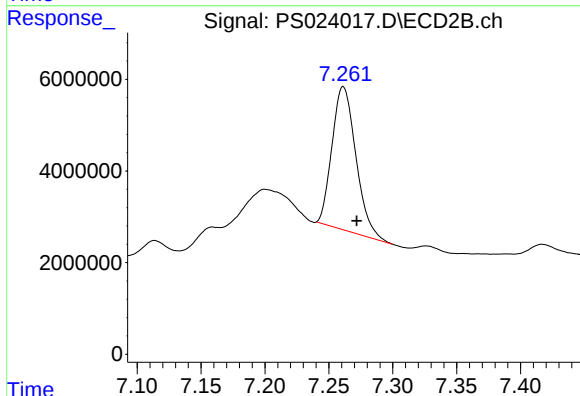
#7 MCPA

R.T.: 6.780 min
Delta R.T.: -0.012 min
Response: 58989808
Conc: 7.02 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT3-2023

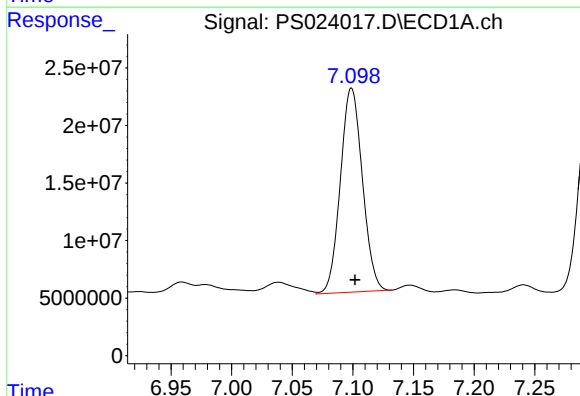
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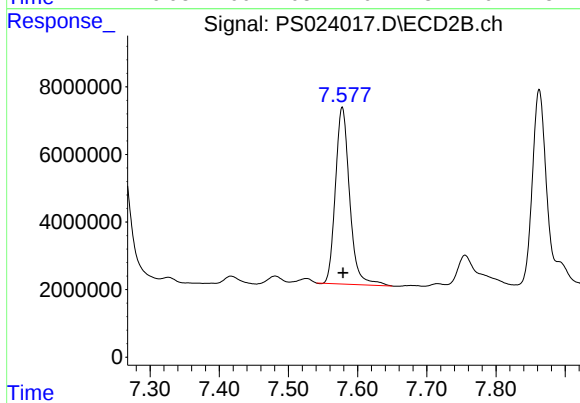
#7 MCPA

R.T.: 7.261 min
Delta R.T.: -0.010 min
Response: 40327387
Conc: 13.78 ug/ml



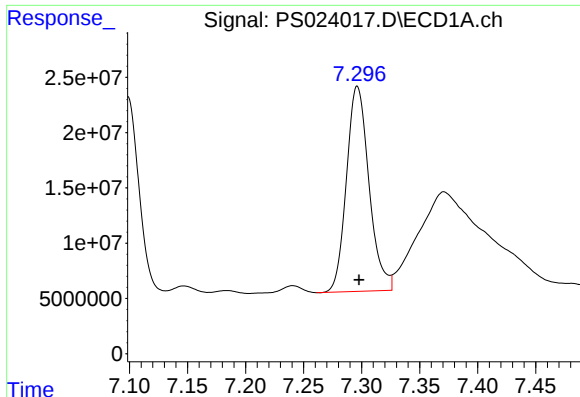
#8 DICHLORPROP

R.T.: 7.098 min
Delta R.T.: -0.003 min
Response: 223951959
Conc: 99.53 ng/ml m



#8 DICHLORPROP

R.T.: 7.578 min
Delta R.T.: -0.001 min
Response: 74375150
Conc: 101.73 ng/ml



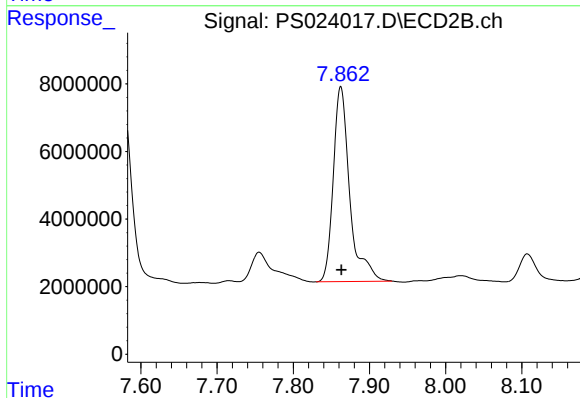
#9 2,4-D

R.T.: 7.297 min
Delta R.T.: -0.001 min
Response: 251186271
Conc: 101.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT3-2023

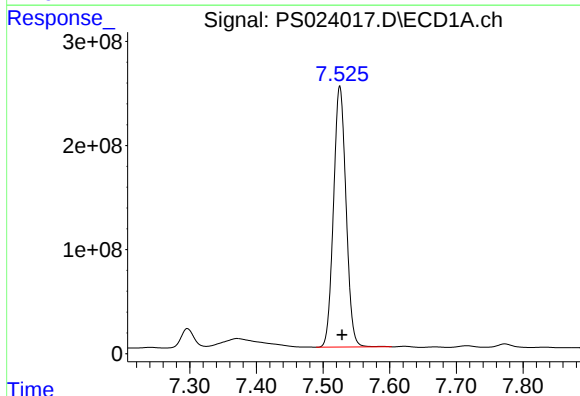
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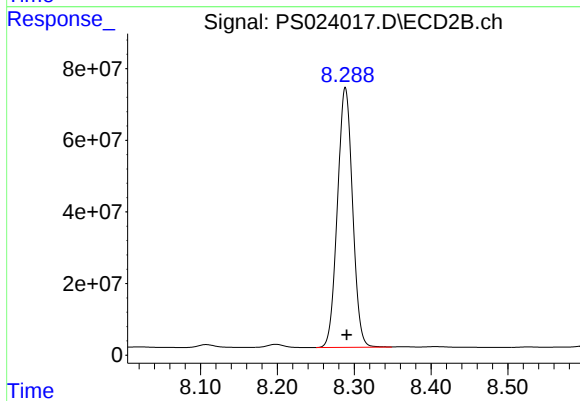
#9 2,4-D

R.T.: 7.862 min
Delta R.T.: -0.001 min
Response: 86638678
Conc: 101.70 ng/ml



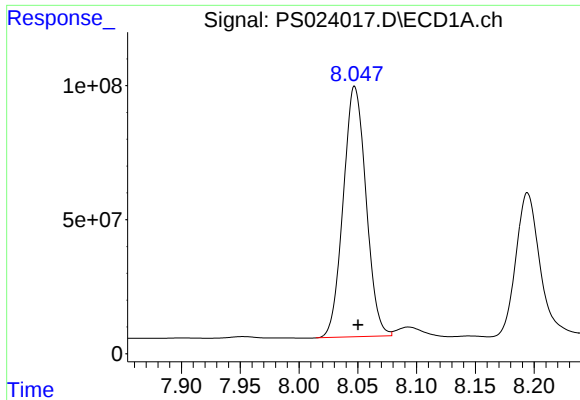
#10 Pentachlorophenol

R.T.: 7.525 min
Delta R.T.: -0.003 min
Response: 3272600472
Conc: 104.40 ng/ml



#10 Pentachlorophenol

R.T.: 8.288 min
Delta R.T.: -0.002 min
Response: 986262411
Conc: 91.79 ng/ml



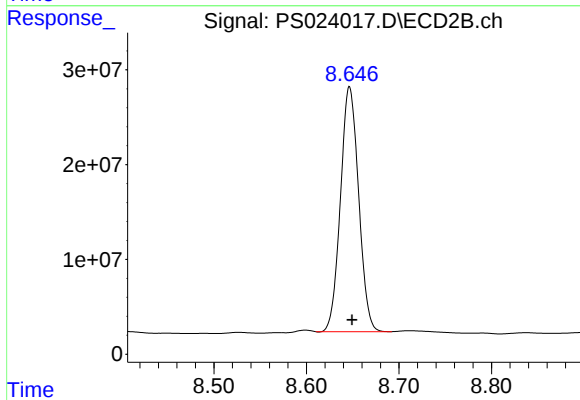
#11 2,4,5-TP (SILVEX)

R.T.: 8.047 min
Delta R.T.: -0.004 min
Response: 1261019389
Conc: 96.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT3-2023

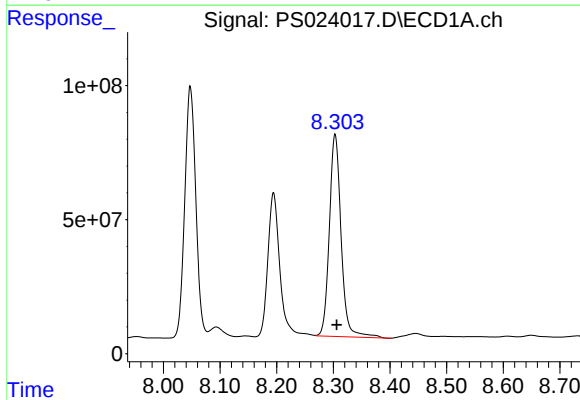
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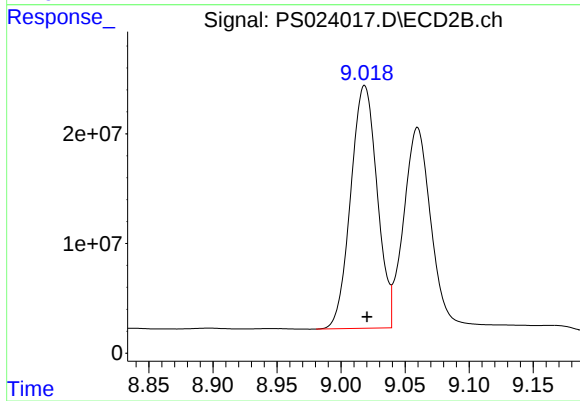
#11 2,4,5-TP (SILVEX)

R.T.: 8.647 min
Delta R.T.: -0.003 min
Response: 352778926
Conc: 85.80 ng/ml



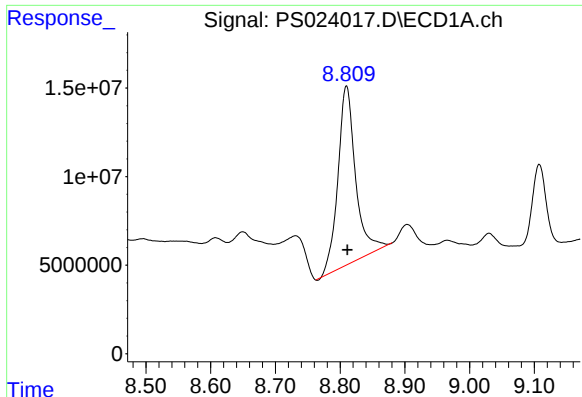
#12 2,4,5-T

R.T.: 8.303 min
Delta R.T.: -0.003 min
Response: 1083103947
Conc: 96.67 ng/ml



#12 2,4,5-T

R.T.: 9.018 min
Delta R.T.: -0.002 min
Response: 318345637
Conc: 84.24 ng/ml



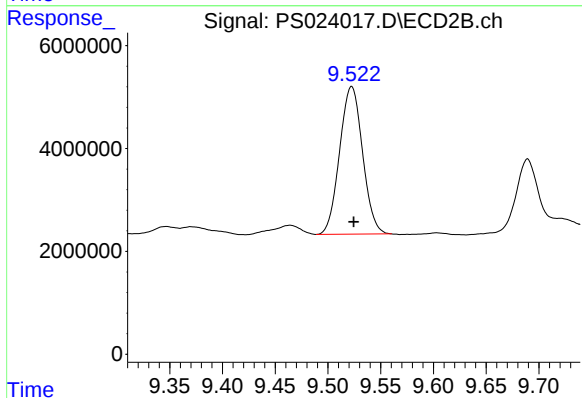
#13 2,4-DB

R.T.: 8.810 min
Delta R.T.: -0.001 min
Response: 200285764
Conc: 112.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT3-2023

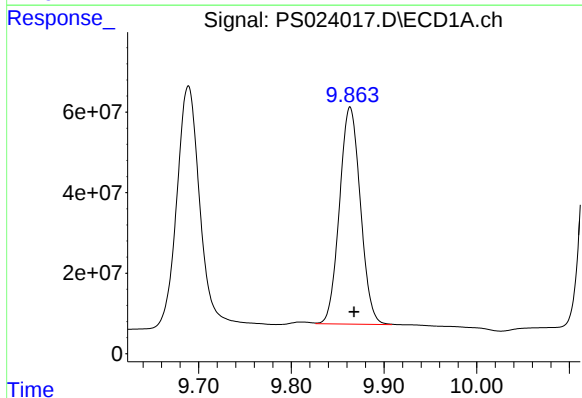
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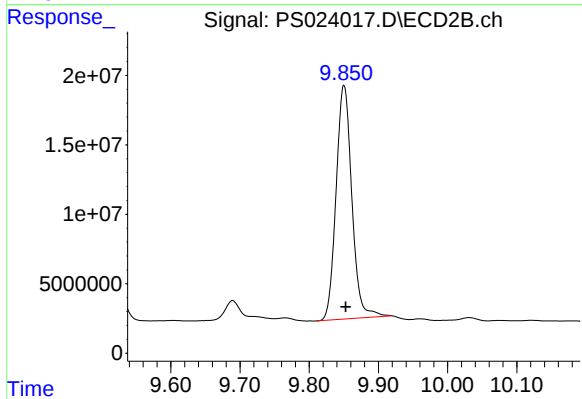
#13 2,4-DB

R.T.: 9.522 min
Delta R.T.: -0.002 min
Response: 43399363
Conc: 95.21 ng/ml



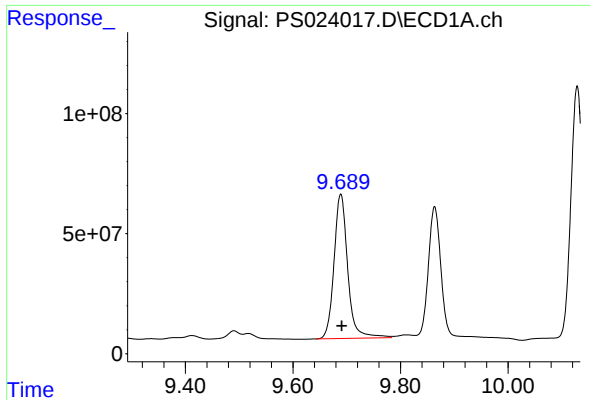
#14 DINOSEB

R.T.: 9.863 min
Delta R.T.: -0.005 min
Response: 843792628
Conc: 91.03 ng/ml m



#14 DINOSEB

R.T.: 9.850 min
Delta R.T.: -0.003 min
Response: 266761092
Conc: 88.95 ng/ml



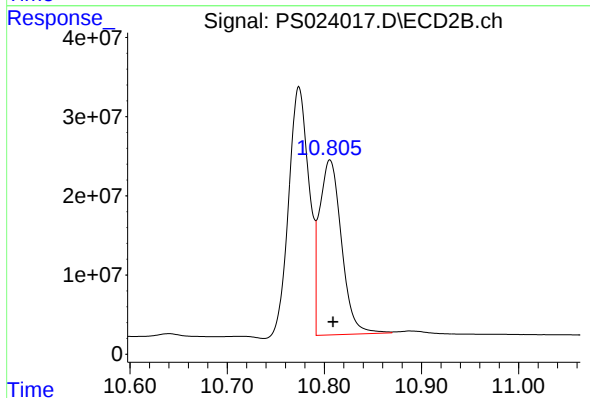
#15 Picloram

R.T.: 9.689 min
Delta R.T.: -0.002 min
Response: 1061700684
Conc: 82.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
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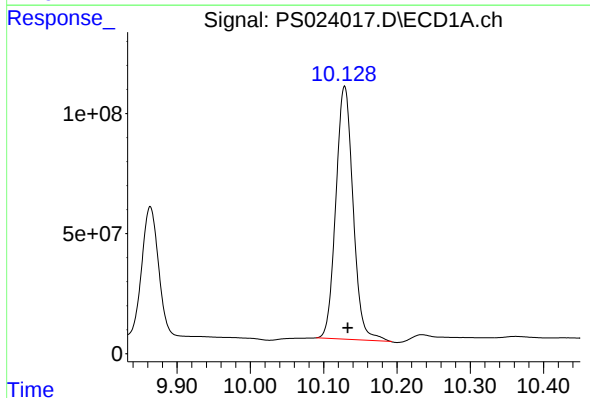
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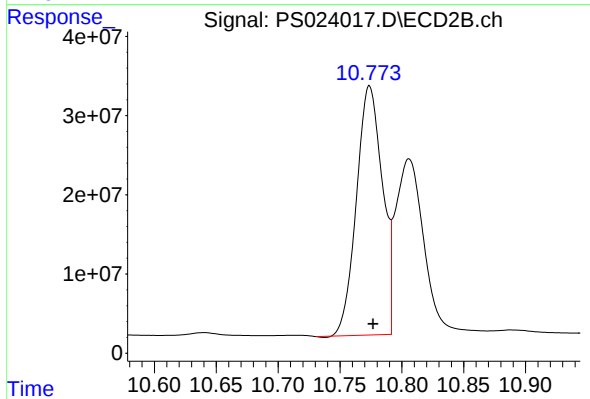
#15 Picloram

R.T.: 10.806 min
Delta R.T.: -0.003 min
Response: 348180587
Conc: 69.88 ng/ml



#16 DCPA

R.T.: 10.128 min
Delta R.T.: -0.005 min
Response: 1719511660
Conc: 109.30 ng/ml m



#16 DCPA

R.T.: 10.774 min
Delta R.T.: -0.003 min
Response: 458601010
Conc: 89.20 ng/ml