

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS031925\
 Data File : PS029462.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2025 21:57
 Operator : AR\AJ
 Sample : Q1569-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TAP-IDW-SOIL-031325-01MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/20/2025
 Supervised By : mohammad ahmed 03/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 07:00:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS022125.M
 Quant Title : 8080.M
 QLast Update : Sat Feb 22 01:02:20 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 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	7.156	7.603	1877.9E6	358.1E6	455.741	380.826m
Target Compounds							
1) T	Dalapon	2.592	2.642	2044.6E6	722.6E6	370.376m	341.312m
2) T	3,5-DICHL...	6.338	6.580	2867.1E6	590.6E6	490.013	417.058m
3) T	4-Nitroph...	6.964	7.145	20938734	6543807	8.947m	8.205m
5) T	DICAMBA	7.338	7.795	8166.5E6	2231.9E6	470.262	433.125m
6) T	MCP	7.516	7.899	618.2E6	97603057	50.159m	41.726m
7) T	MCPA	7.664	8.136	738.6E6	159.1E6	43.586	49.879m
8) T	DICHLORPROP	8.038	8.502	2118.8E6	550.7E6	460.964	430.687m
9) T	2,4-D	8.269	8.825	2522.1E6	619.3E6	530.911	487.666m
10) T	Pentachlo...	8.560	9.338	28162.7E6	9022.8E6	482.600	392.081
11) T	2,4,5-TP ...	9.133	9.715	13059.6E6	4373.5E6	531.161	483.975
12) T	2,4,5-T	9.425	10.128	12447.8E6	3749.6E6	488.365	456.699
13) T	2,4-DB	9.996	10.688	1444.7E6	354.0E6	345.992m	462.371m#
14) T	DINOSEB	11.186	11.062	5119.3E6	1556.2E6	307.822m	256.733m
15) T	Picloram	11.004	12.131	11786.1E6	4051.0E6	385.878	350.355
16) T	DCPA	11.480	12.091	12249.7E6	5487.0E6	408.276	463.566m

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

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Data File : PS029462.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2025 21:57
Operator : AR\AJ
Sample : Q1569-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

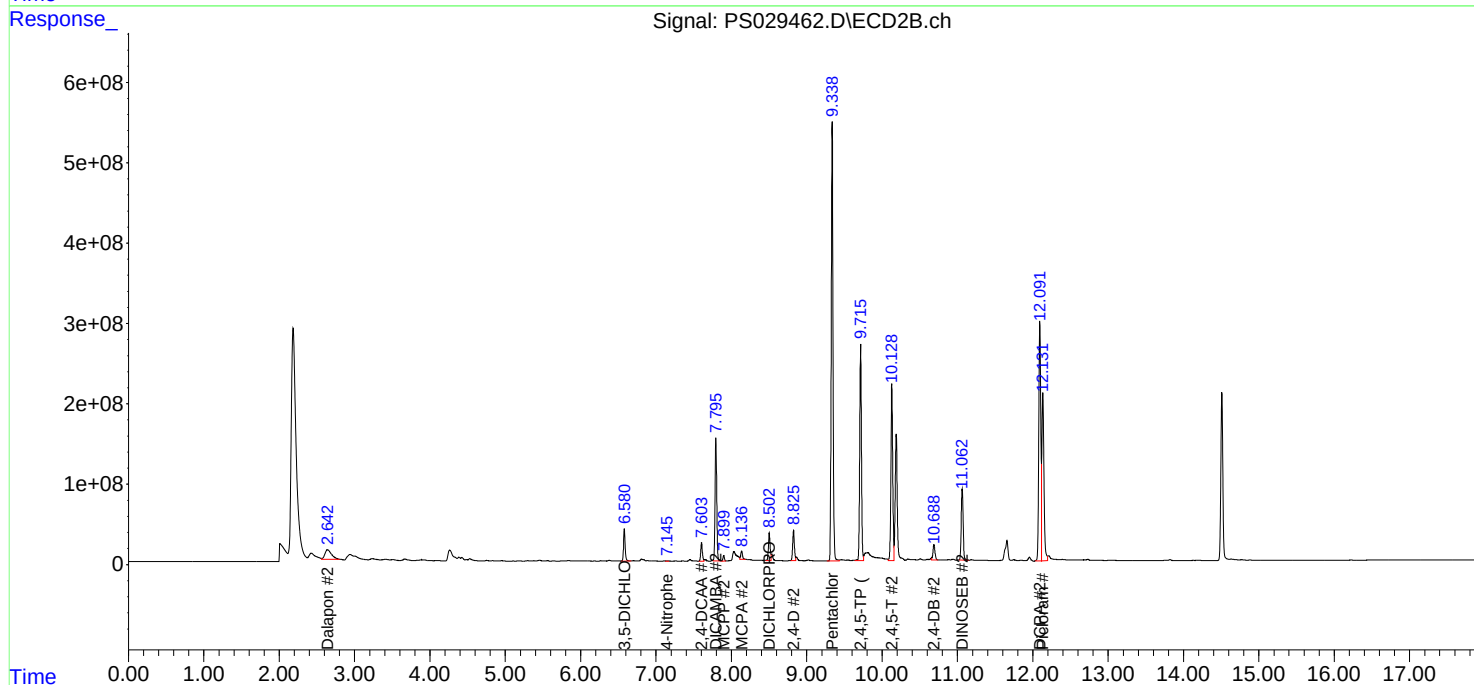
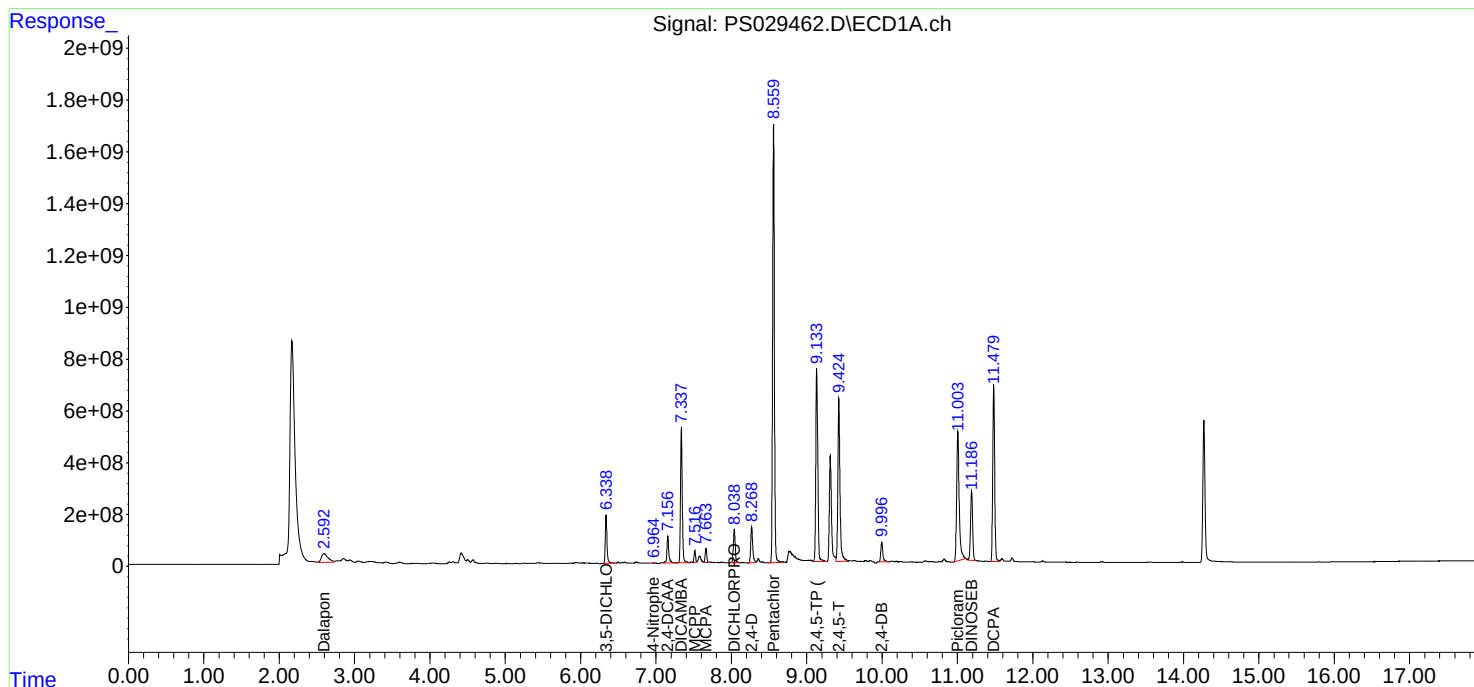
Instrument :
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ClientSampleId :
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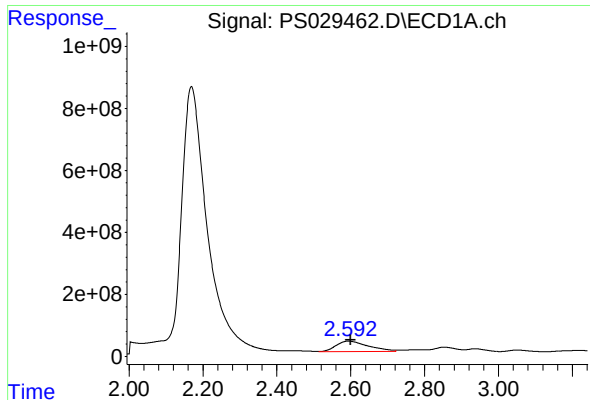
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 07:00:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS022125.M
Quant Title : 8080.M
QLast Update : Sat Feb 22 01:02:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





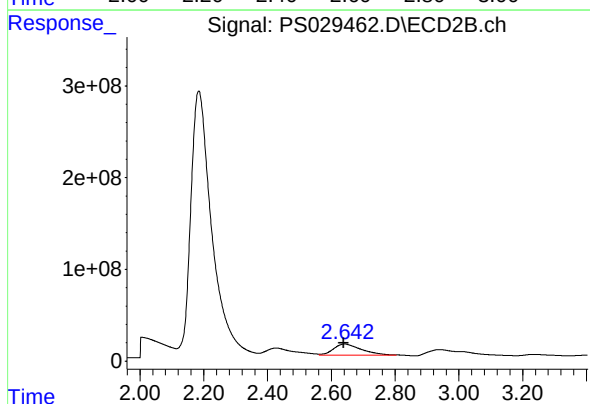
#1 Dalapon

R.T.: 2.592 min
Delta R.T.: -0.008 min
Response: 2044580039
Conc: 370.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
TAP-IDW-SOIL-031325-01MSD

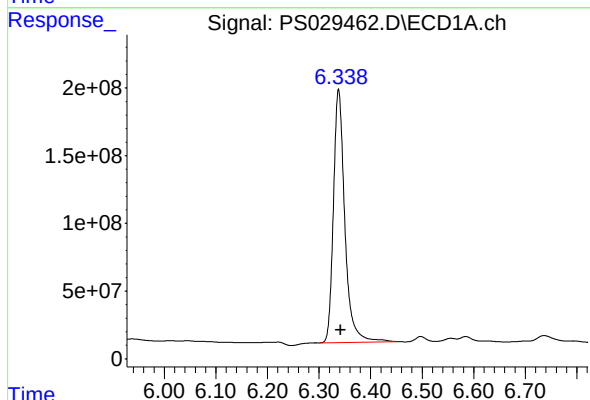
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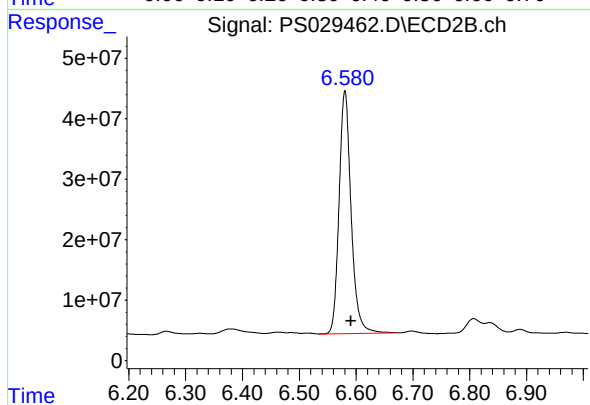
#1 Dalapon

R.T.: 2.642 min
Delta R.T.: 0.003 min
Response: 722599131
Conc: 341.31 ng/ml m



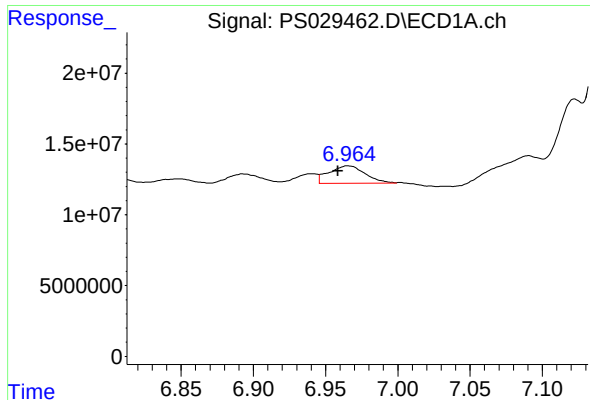
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.338 min
Delta R.T.: -0.003 min
Response: 2867126537
Conc: 490.01 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.580 min
Delta R.T.: -0.011 min
Response: 590601539
Conc: 417.06 ng/ml m



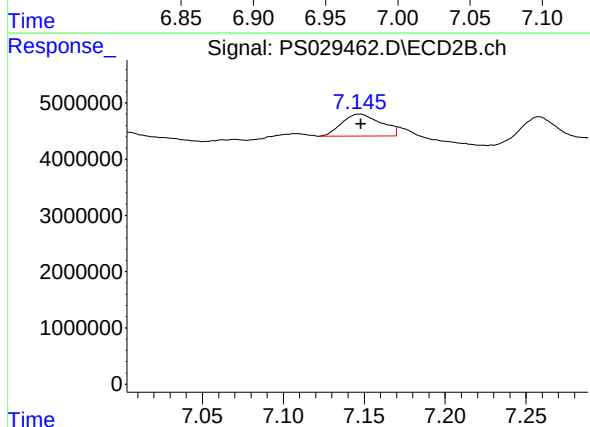
#3 4-Nitrophenol

R.T.: 6.964 min
Delta R.T.: 0.006 min
Response: 20938734
Conc: 8.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
TAP-IDW-SOIL-031325-01MSD

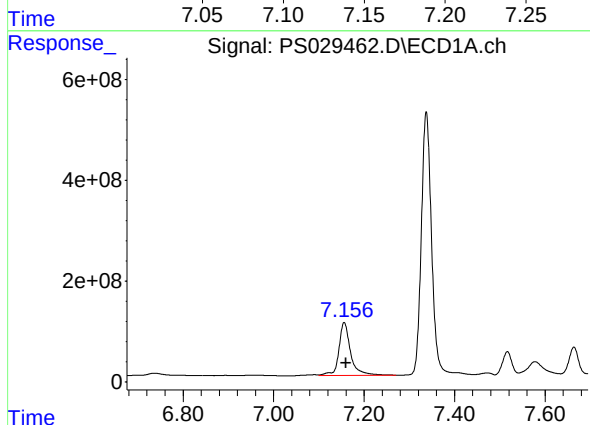
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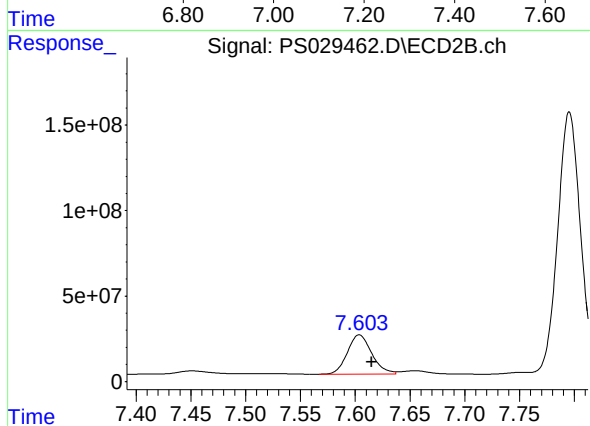
#3 4-Nitrophenol

R.T.: 7.145 min
Delta R.T.: -0.003 min
Response: 6543807
Conc: 8.20 ng/ml m



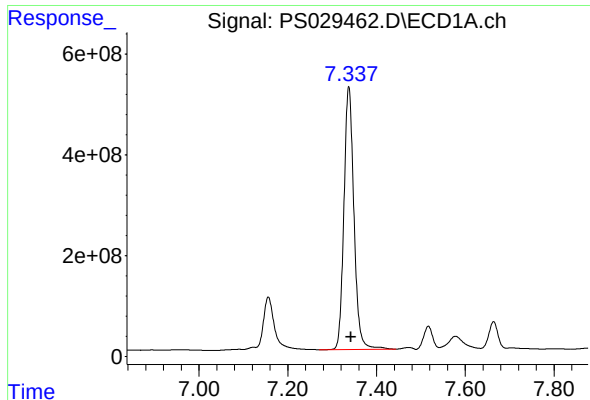
#4 2,4-DCAA

R.T.: 7.156 min
Delta R.T.: -0.004 min
Response: 1877914432
Conc: 455.74 ng/ml



#4 2,4-DCAA

R.T.: 7.603 min
Delta R.T.: -0.012 min
Response: 358102946
Conc: 380.83 ng/ml m



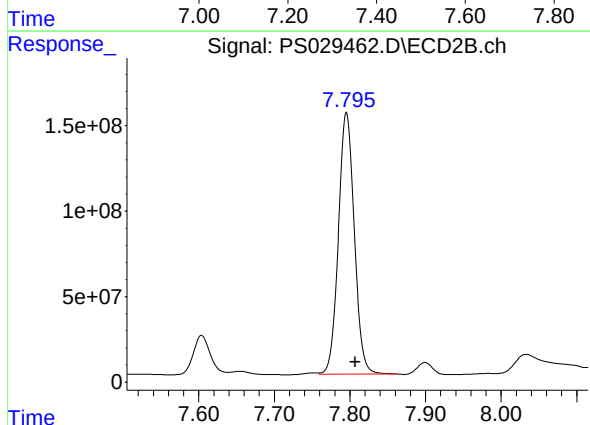
#5 DICAMBA

R.T.: 7.338 min
Delta R.T.: -0.005 min
Response: 8166547472
Conc: 470.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
TAP-IDW-SOIL-031325-01MSD

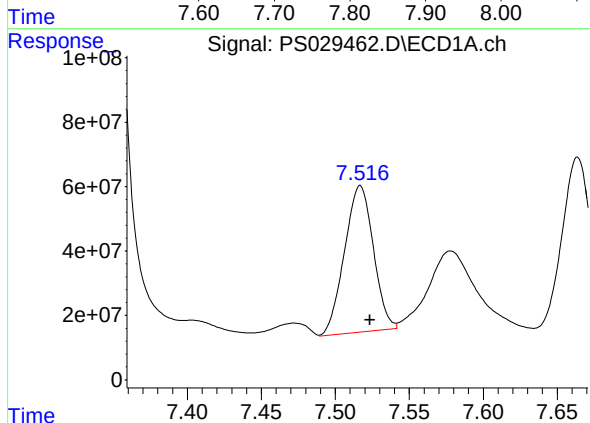
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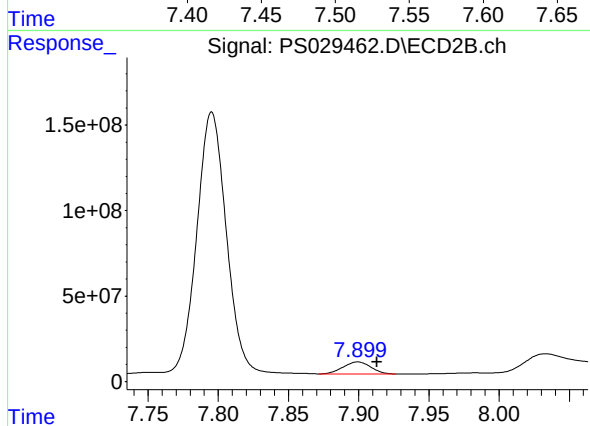
#5 DICAMBA

R.T.: 7.795 min
Delta R.T.: -0.012 min
Response: 2231878130
Conc: 433.12 ng/ml m



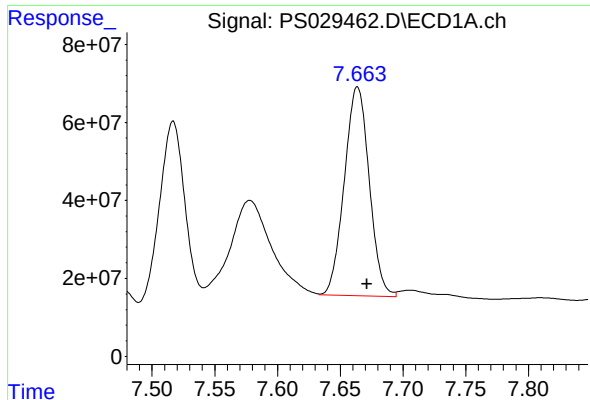
#6 MCPP

R.T.: 7.516 min
Delta R.T.: -0.007 min
Response: 618245212
Conc: 50.16 ug/ml m



#6 MCPP

R.T.: 7.899 min
Delta R.T.: -0.014 min
Response: 97603057
Conc: 41.73 ug/ml m



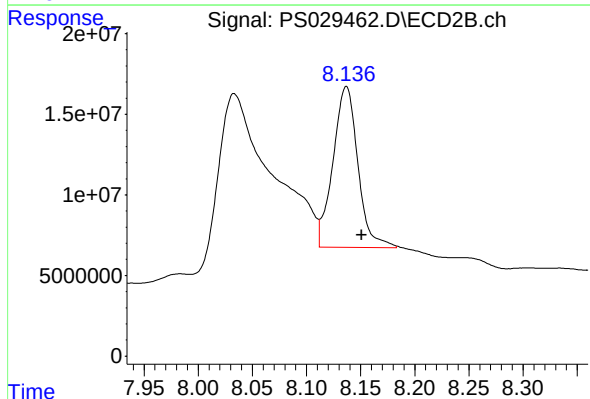
#7 MCPA

R.T.: 7.664 min
Delta R.T.: -0.008 min
Response: 738571568
Conc: 43.59 ug/ml

Instrument :
ECD_S
ClientSampleId :
TAP-IDW-SOIL-031325-01MSD

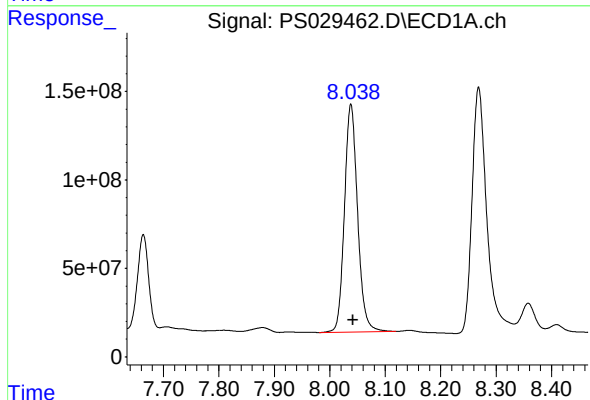
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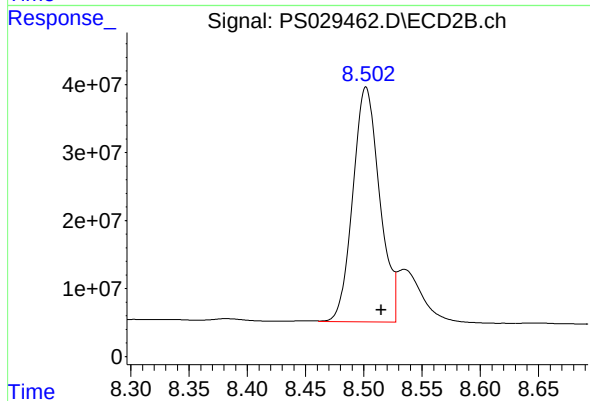
#7 MCPA

R.T.: 8.136 min
Delta R.T.: -0.014 min
Response: 159100708
Conc: 49.88 ug/ml



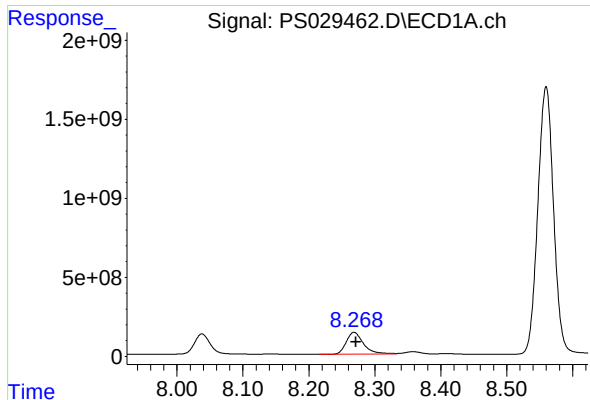
#8 DICHLORPROP

R.T.: 8.038 min
Delta R.T.: -0.004 min
Response: 2118802485
Conc: 460.96 ng/ml



#8 DICHLORPROP

R.T.: 8.502 min
Delta R.T.: -0.013 min
Response: 550745834
Conc: 430.69 ng/ml



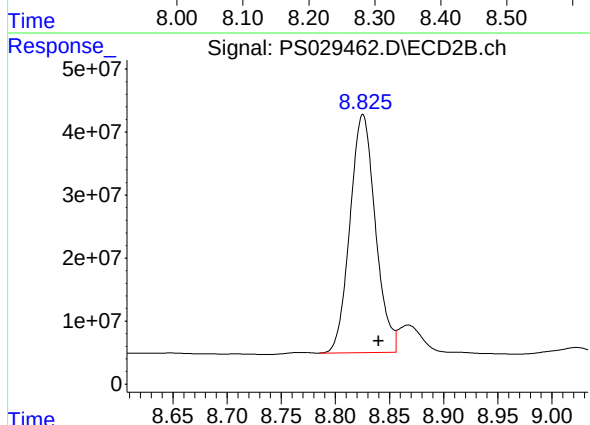
#9 2,4-D

R.T.: 8.269 min
Delta R.T.: -0.003 min
Response: 2522056441
Conc: 530.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
TAP-IDW-SOIL-031325-01MSD

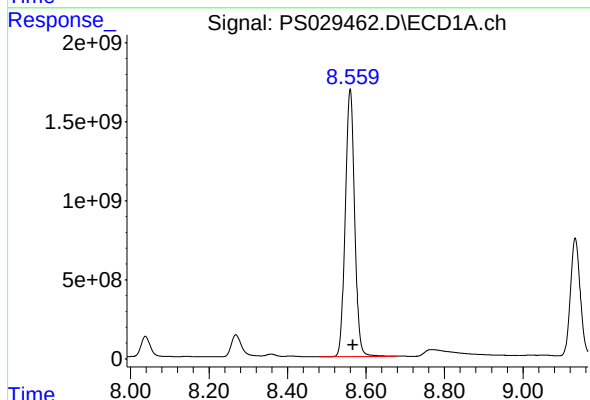
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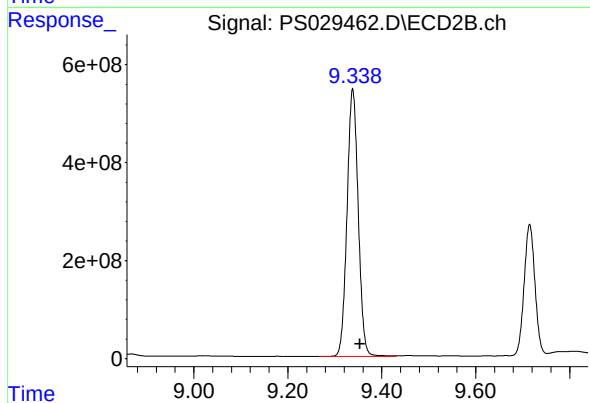
#9 2,4-D

R.T.: 8.825 min
Delta R.T.: -0.015 min
Response: 619285100
Conc: 487.67 ng/ml m



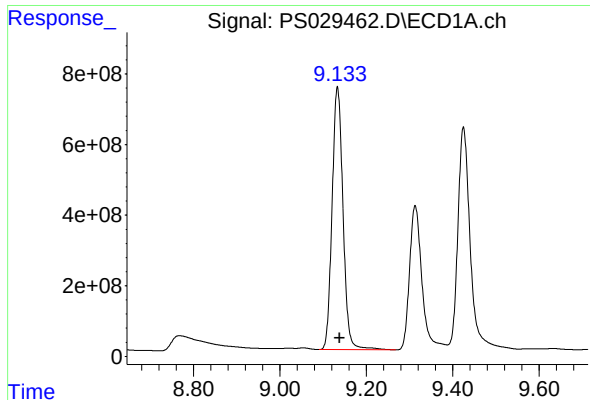
#10 Pentachlorophenol

R.T.: 8.560 min
Delta R.T.: -0.007 min
Response: 28162684369
Conc: 482.60 ng/ml



#10 Pentachlorophenol

R.T.: 9.338 min
Delta R.T.: -0.016 min
Response: 9022828625
Conc: 392.08 ng/ml



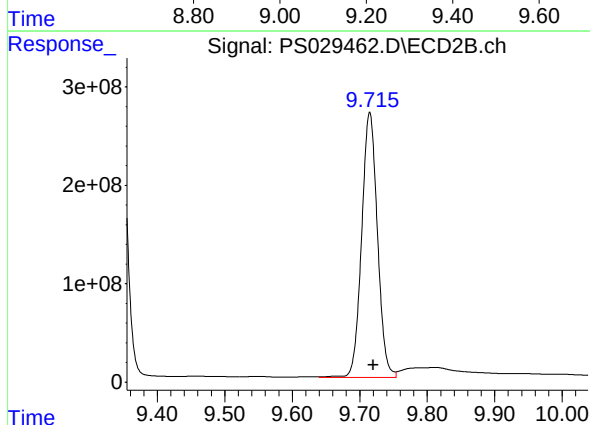
#11 2,4,5-TP (SILVEX)

R.T.: 9.133 min
Delta R.T.: -0.005 min
Response: 13059627836
Conc: 531.16 ng/ml

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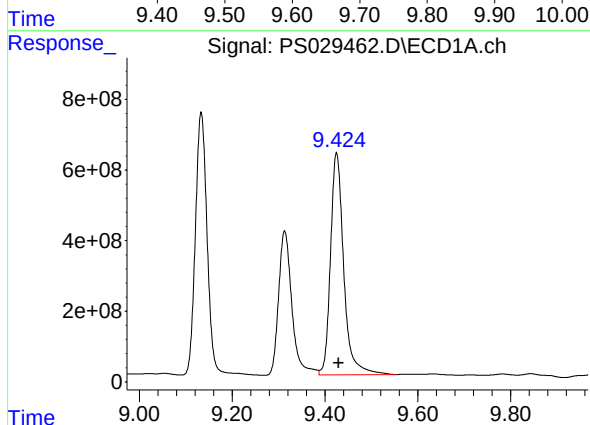
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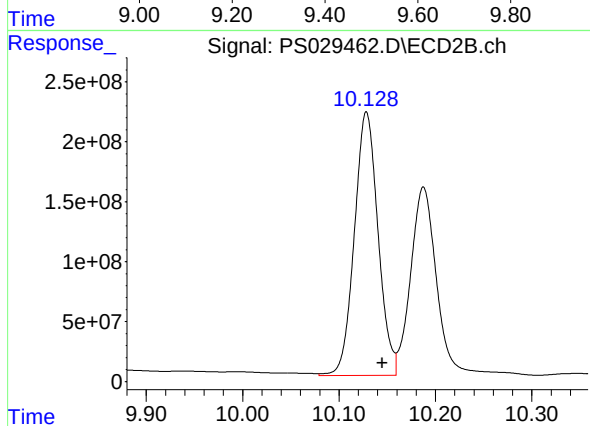
#11 2,4,5-TP (SILVEX)

R.T.: 9.715 min
Delta R.T.: -0.005 min
Response: 4373539675
Conc: 483.98 ng/ml



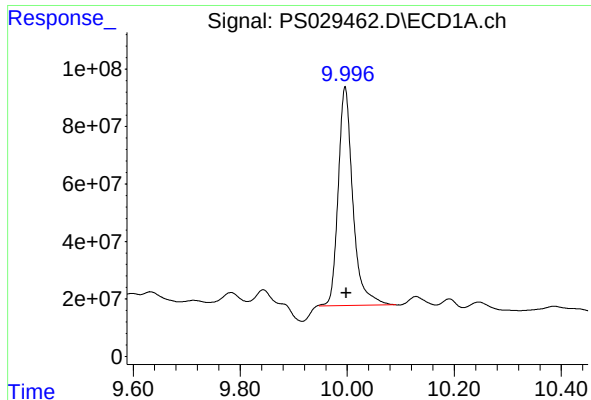
#12 2,4,5-T

R.T.: 9.425 min
Delta R.T.: -0.004 min
Response: 12447799729
Conc: 488.37 ng/ml



#12 2,4,5-T

R.T.: 10.128 min
Delta R.T.: -0.017 min
Response: 3749634682
Conc: 456.70 ng/ml



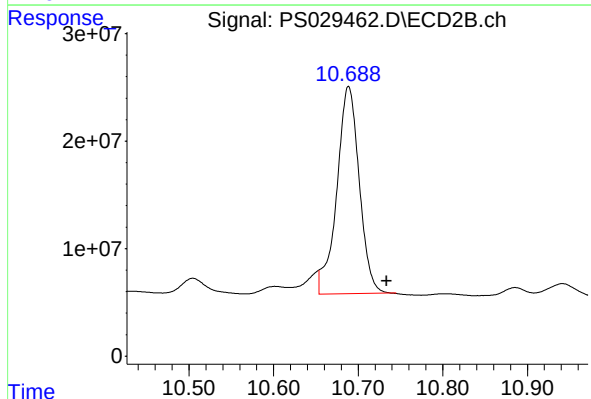
#13 2,4-DB

R.T.: 9.996 min
Delta R.T.: -0.003 min
Response: 1444666228
Conc: 345.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
TAP-IDW-SOIL-031325-01MSD

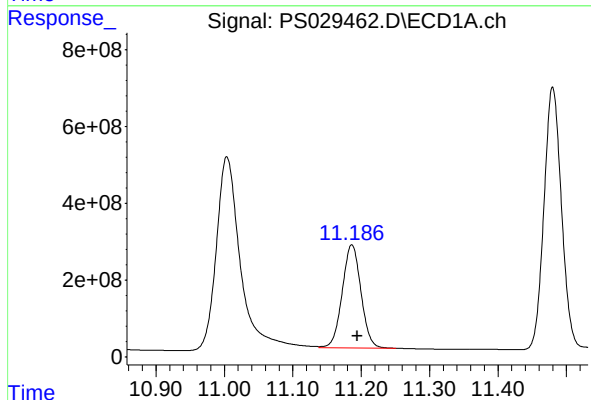
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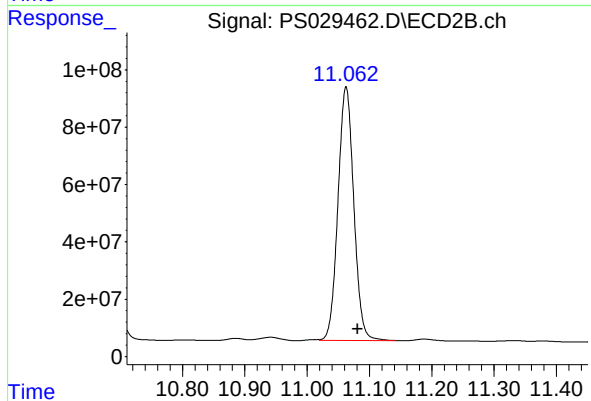
#13 2,4-DB

R.T.: 10.688 min
Delta R.T.: -0.046 min
Response: 353987394
Conc: 462.37 ng/ml



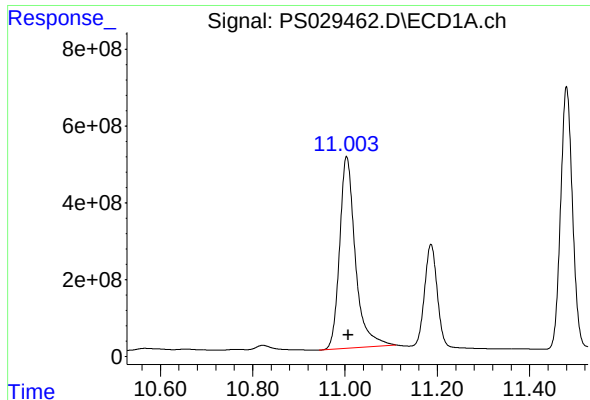
#14 DINOSEB

R.T.: 11.186 min
Delta R.T.: -0.008 min
Response: 5119338771
Conc: 307.82 ng/ml



#14 DINOSEB

R.T.: 11.062 min
Delta R.T.: -0.019 min
Response: 1556193084
Conc: 256.73 ng/ml



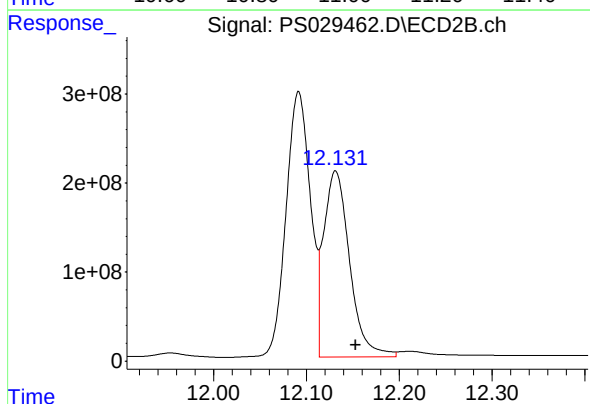
#15 Picloram

R.T.: 11.004 min
Delta R.T.: -0.003 min
Response: 11786056825
Conc: 385.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
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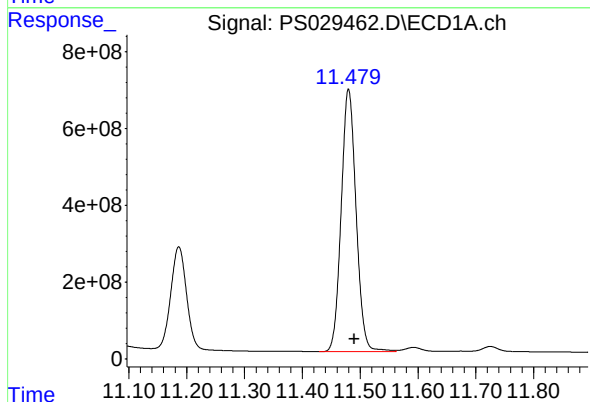
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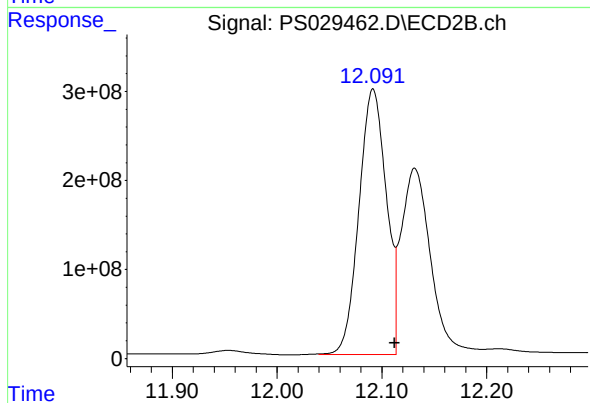
#15 Picloram

R.T.: 12.131 min
Delta R.T.: -0.022 min
Response: 4050958218
Conc: 350.36 ng/ml



#16 DCPA

R.T.: 11.480 min
Delta R.T.: -0.010 min
Response: 12249685431
Conc: 408.28 ng/ml



#16 DCPA

R.T.: 12.091 min
Delta R.T.: -0.021 min
Response: 5487028194
Conc: 463.57 ng/ml m