

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100225\
 Data File : PS031934.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2025 17:37
 Operator : AR\AJ
 Sample : Q3256-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 SOIL-PILE-1-WCMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 02:08:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.279	7.739	1567.7E6	500.7E6	435.284	550.882 #
Target Compounds							
1) T	Dalapon	2.660	2.684	481.4E6	1410.2E6	83.271m	500.480m#
2) T	3,5-DICHL...	6.448	6.694	1267.6E6	315.1E6	237.679	206.629
5) T	DICAMBA	7.463	7.935	3599.7E6	1572.6E6	230.799	241.689
6) T	MCPD	7.637	8.028	173.7E6	27305436	19.427	14.498 #
7) T	MCPA	7.787	8.276	299.8E6	53735847	26.983	19.183 #
8) T	DICHLORPROP	8.171	8.654	971.2E6	376.0E6	272.681	258.413
9) T	2,4-D	8.409	8.998	1027.0E6	519.4E6	299.789	315.714
10) T	Pentachlo...	8.700	9.504	11686.6E6	8056.6E6	220.112	202.986
11) T	2,4,5-TP ...	9.278	9.886	6127.8E6	4081.8E6	292.167	271.136
12) T	2,4,5-T	9.575	10.319	5062.8E6	3405.3E6	276.683	253.053
13) T	2,4-DB	10.153	10.888	617.6E6	262.6E6	264.756	245.386m
14) T	DINOSEB	11.344	11.261	1721.2E6	1084.3E6	119.340	111.549
15) T	Picloram	11.180	12.386	3948.9E6	4482.5E6	219.246	189.271m
16) T	DCPA	11.642	12.300	6861.9E6	6190.1E6	254.615	256.806m

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

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Acq On : 02 Oct 2025 17:37
Operator : AR\AJ
Sample : Q3256-04MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

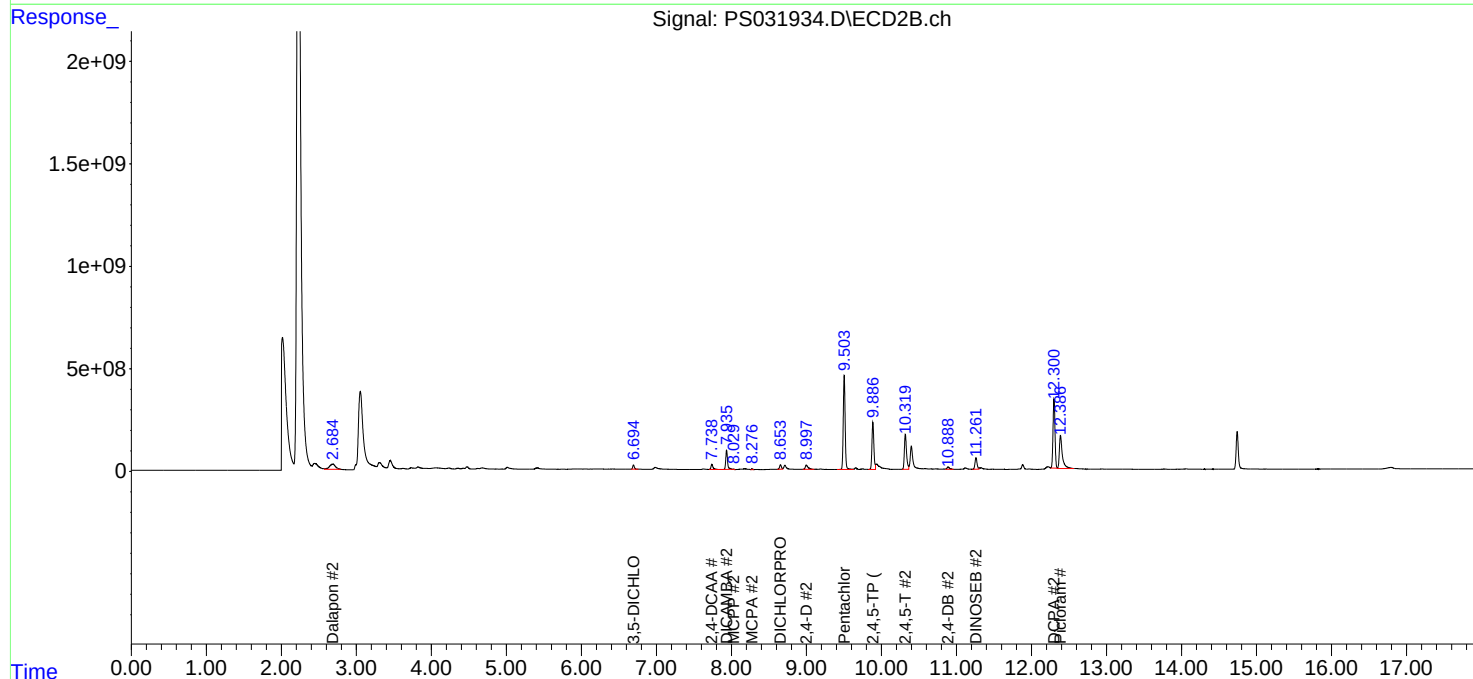
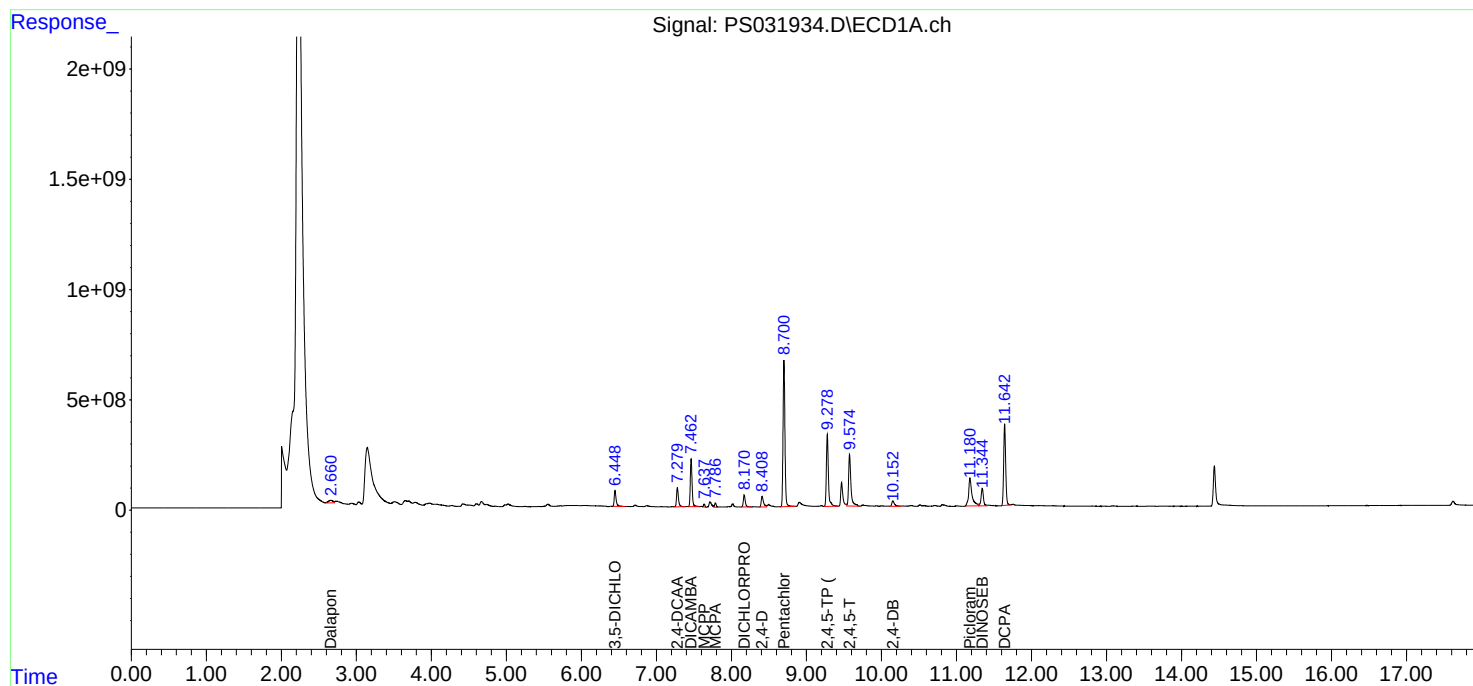
Instrument :
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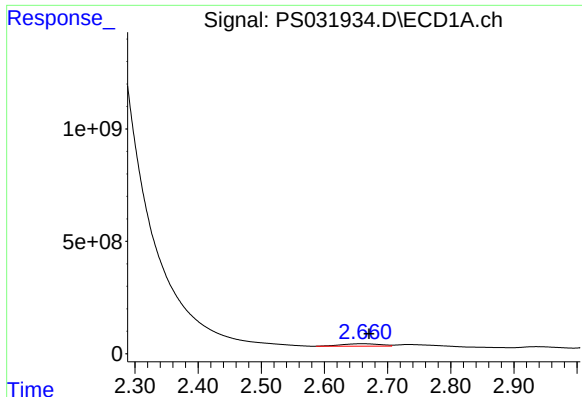
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 2025
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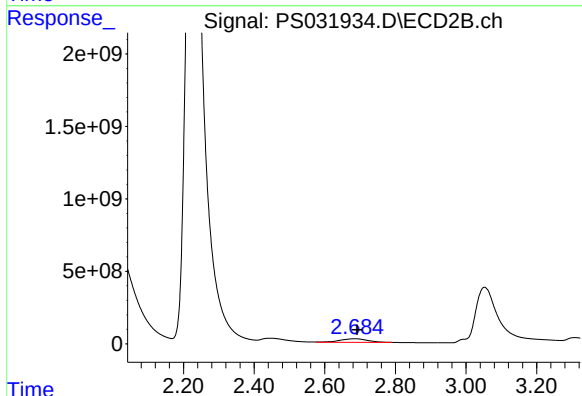
#1 Dalapon

R.T.: 2.660 min
Delta R.T.: -0.011 min
Response: 481369941
Conc: 83.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-1-WCMS

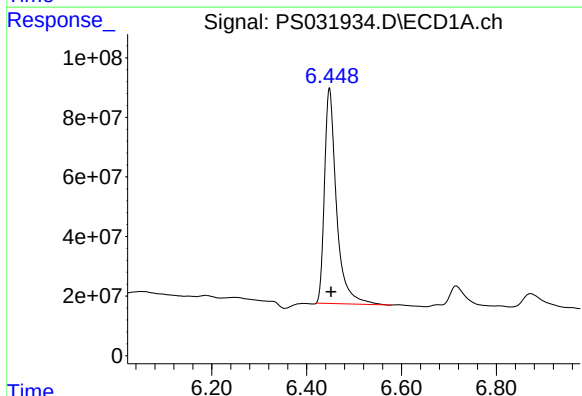
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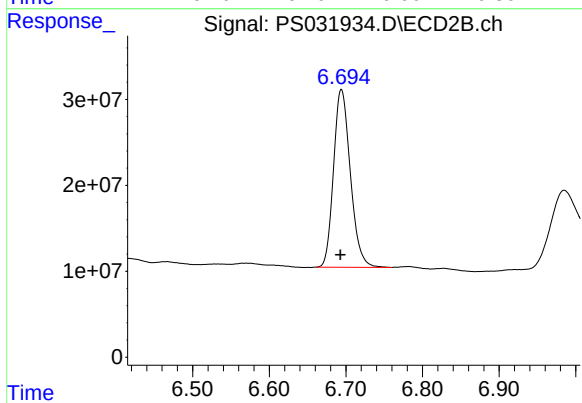
#1 Dalapon

R.T.: 2.684 min
Delta R.T.: -0.007 min
Response: 1410167150
Conc: 500.48 ng/ml m



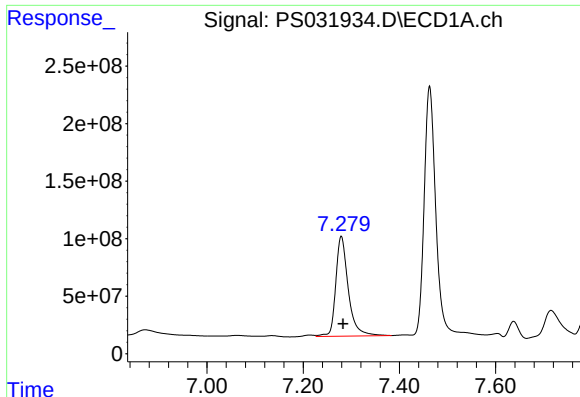
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.448 min
Delta R.T.: -0.003 min
Response: 1267628859
Conc: 237.68 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: 0.001 min
Response: 315102742
Conc: 206.63 ng/ml



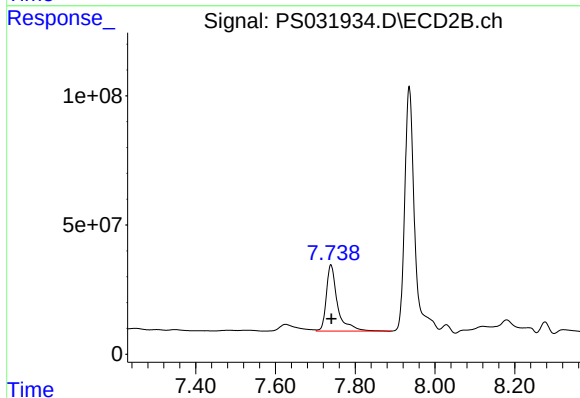
#4 2,4-DCAA

R.T.: 7.279 min
Delta R.T.: -0.004 min
Response: 1567687182
Conc: 435.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-1-WCMS

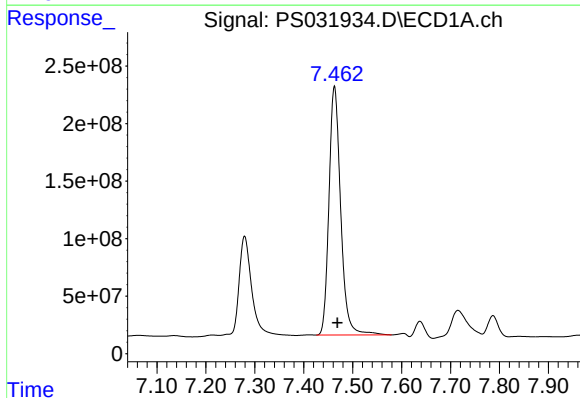
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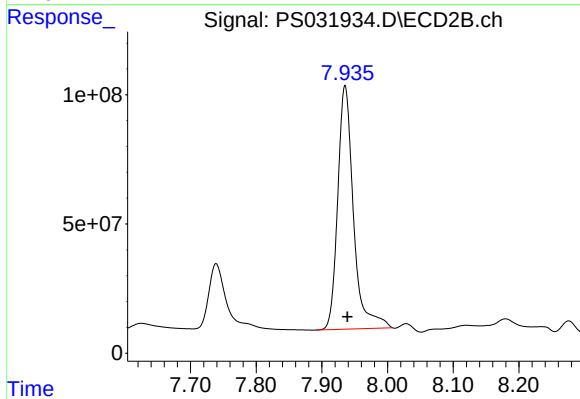
#4 2,4-DCAA

R.T.: 7.739 min
Delta R.T.: -0.001 min
Response: 500696386
Conc: 550.88 ng/ml



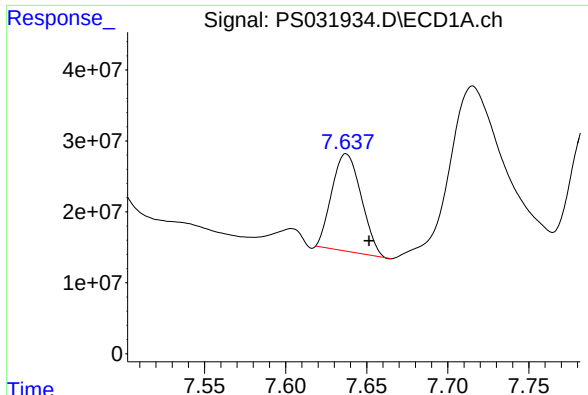
#5 DICAMBA

R.T.: 7.463 min
Delta R.T.: -0.006 min
Response: 3599706666
Conc: 230.80 ng/ml



#5 DICAMBA

R.T.: 7.935 min
Delta R.T.: -0.003 min
Response: 1572632659
Conc: 241.69 ng/ml



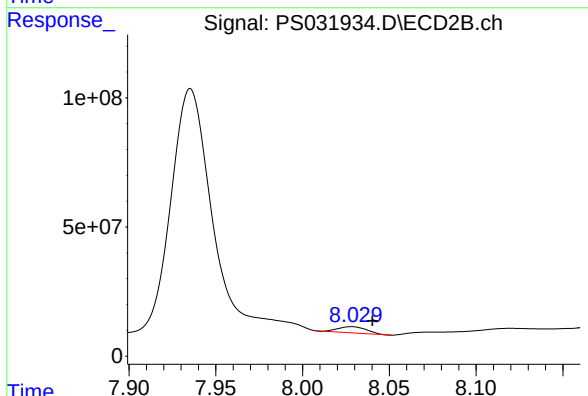
#6 MCPP

R.T.: 7.637 min
Delta R.T.: -0.014 min
Response: 173663056
Conc: 19.43 ug/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-1-WCMS

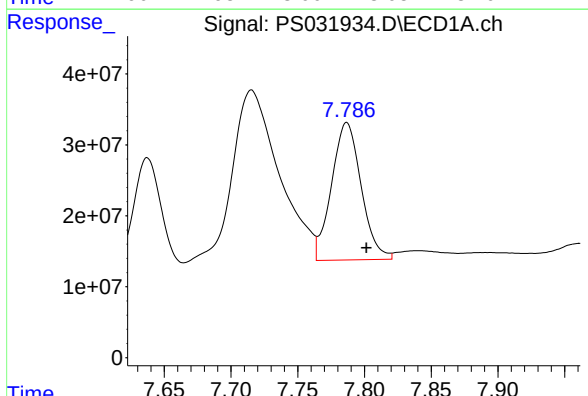
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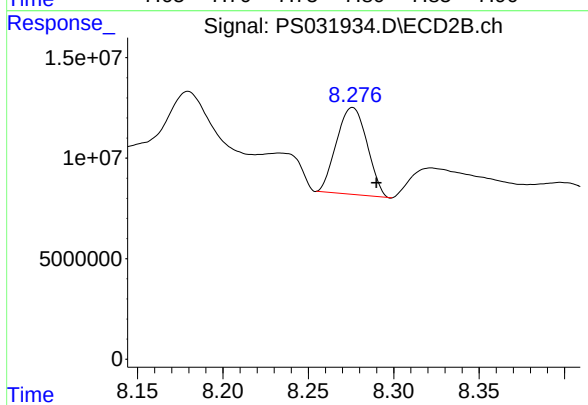
#6 MCPP

R.T.: 8.028 min
Delta R.T.: -0.012 min
Response: 27305436
Conc: 14.50 ug/ml



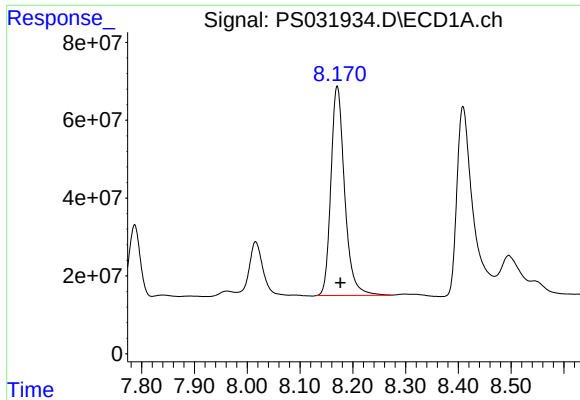
#7 MCPA

R.T.: 7.787 min
Delta R.T.: -0.015 min
Response: 299790325
Conc: 26.98 ug/ml



#7 MCPA

R.T.: 8.276 min
Delta R.T.: -0.014 min
Response: 53735847
Conc: 19.18 ug/ml



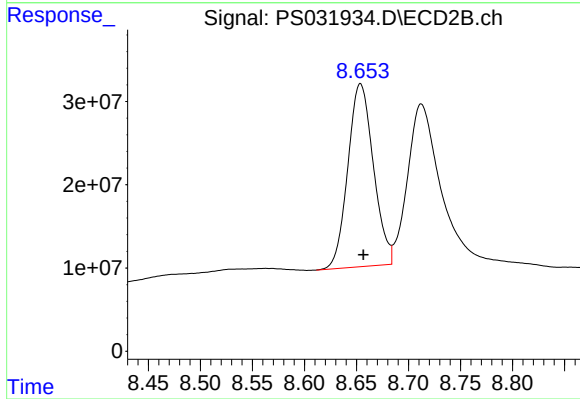
#8 DICHLORPROP

R.T.: 8.171 min
Delta R.T.: -0.006 min
Response: 971225742
Conc: 272.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-1-WCMS

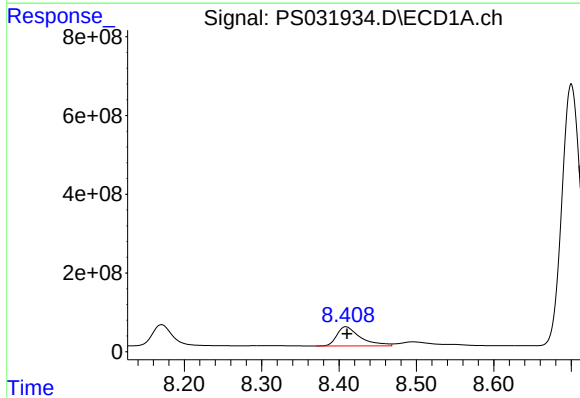
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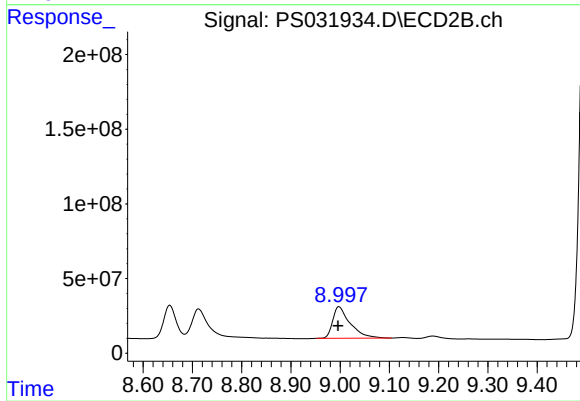
#8 DICHLORPROP

R.T.: 8.654 min
Delta R.T.: -0.003 min
Response: 376006520
Conc: 258.41 ng/ml



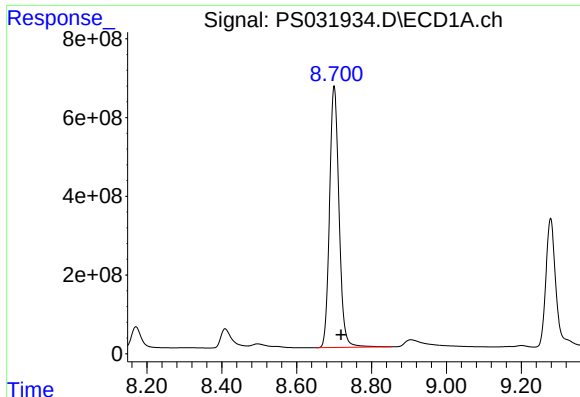
#9 2,4-D

R.T.: 8.409 min
Delta R.T.: -0.002 min
Response: 1026970245
Conc: 299.79 ng/ml



#9 2,4-D

R.T.: 8.998 min
Delta R.T.: 0.002 min
Response: 519384471
Conc: 315.71 ng/ml



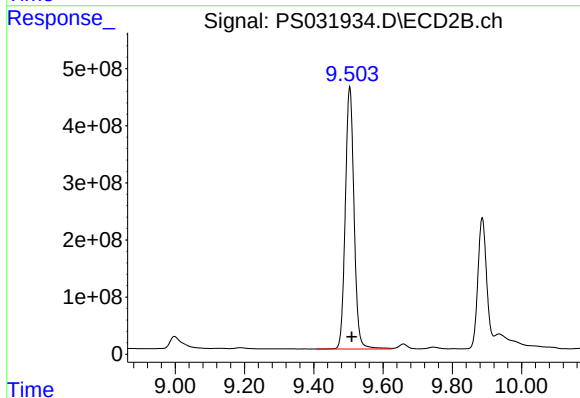
#10 Pentachlorophenol

R.T.: 8.700 min
Delta R.T.: -0.019 min
Response: 11686609533
Conc: 220.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-1-WCMS

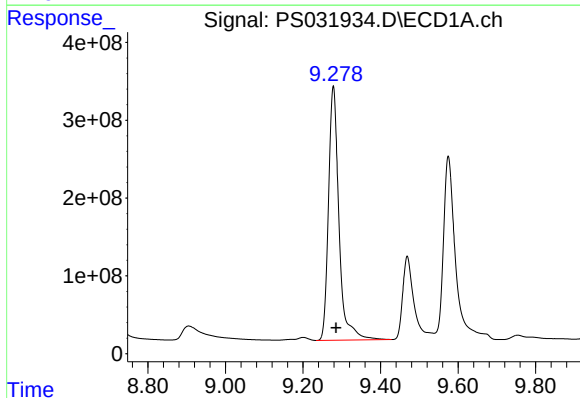
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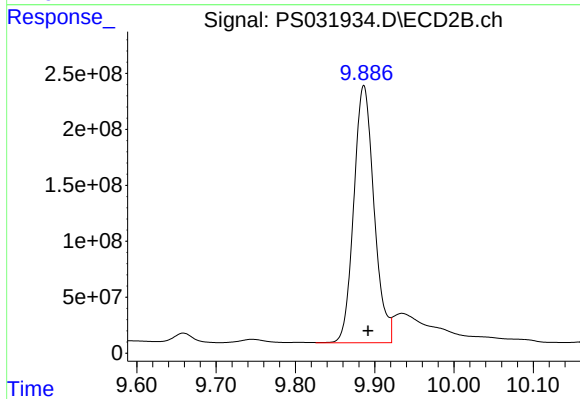
#10 Pentachlorophenol

R.T.: 9.504 min
Delta R.T.: -0.006 min
Response: 8056640075
Conc: 202.99 ng/ml



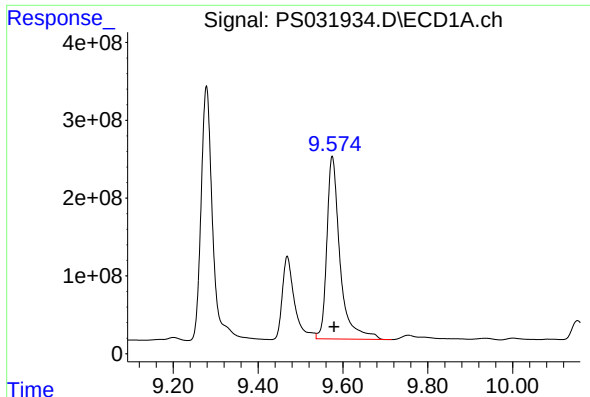
#11 2,4,5-TP (SILVEX)

R.T.: 9.278 min
Delta R.T.: -0.007 min
Response: 6127810542
Conc: 292.17 ng/ml



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

R.T.: 9.886 min
Delta R.T.: -0.006 min
Response: 4081771181
Conc: 271.14 ng/ml



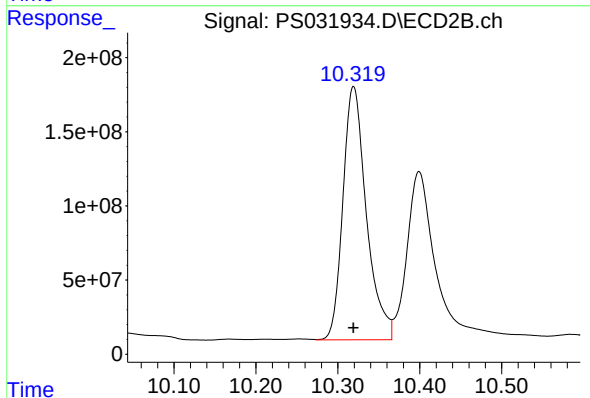
#12 2,4,5-T

R.T.: 9.575 min
Delta R.T.: -0.005 min
Response: 5062793265
Conc: 276.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-1-WCMS

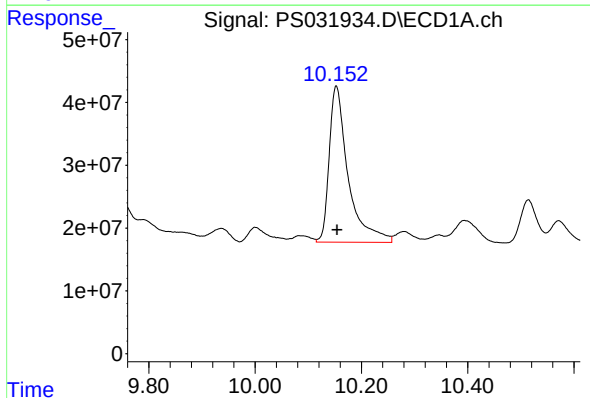
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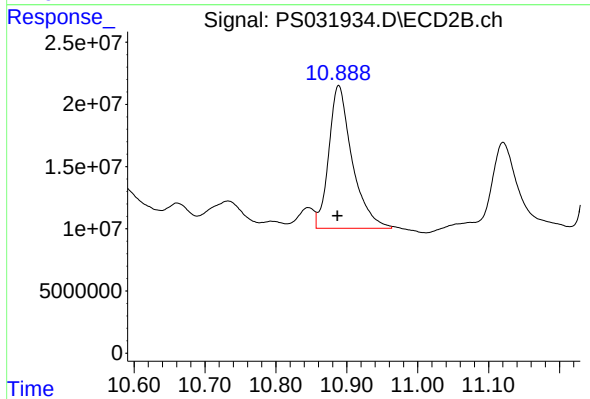
#12 2,4,5-T

R.T.: 10.319 min
Delta R.T.: 0.000 min
Response: 3405342762
Conc: 253.05 ng/ml



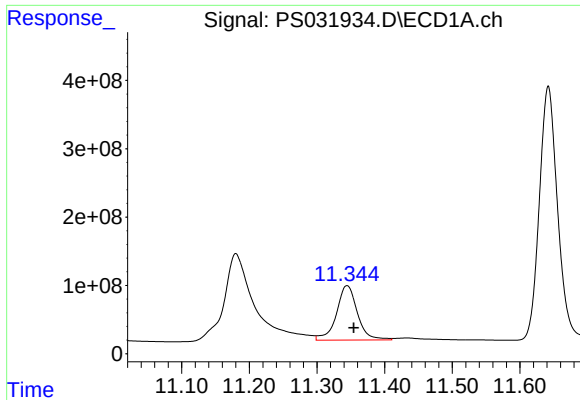
#13 2,4-DB

R.T.: 10.153 min
Delta R.T.: -0.002 min
Response: 617614703
Conc: 264.76 ng/ml



#13 2,4-DB

R.T.: 10.888 min
Delta R.T.: 0.001 min
Response: 262573548
Conc: 245.39 ng/ml m



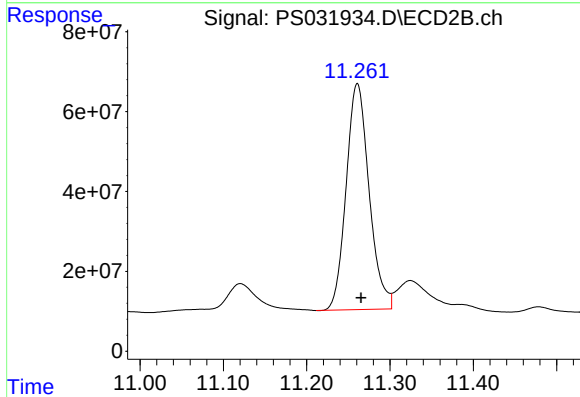
#14 DINOSEB

R.T.: 11.344 min
Delta R.T.: -0.010 min
Response: 1721204445
Conc: 119.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
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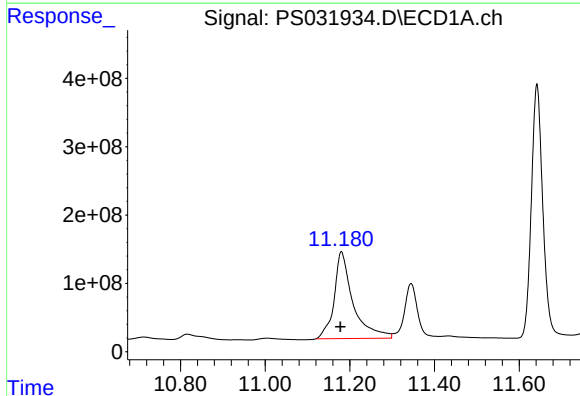
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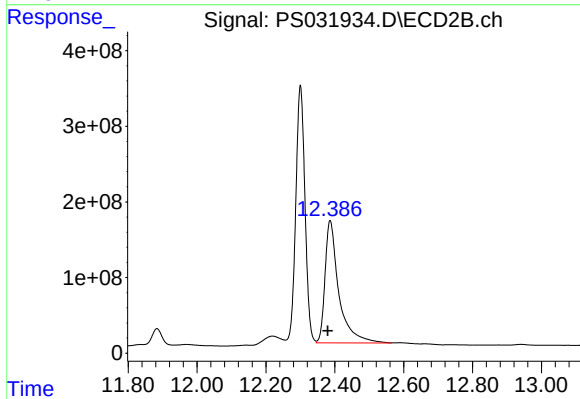
#14 DINOSEB

R.T.: 11.261 min
Delta R.T.: -0.004 min
Response: 1084333422
Conc: 111.55 ng/ml



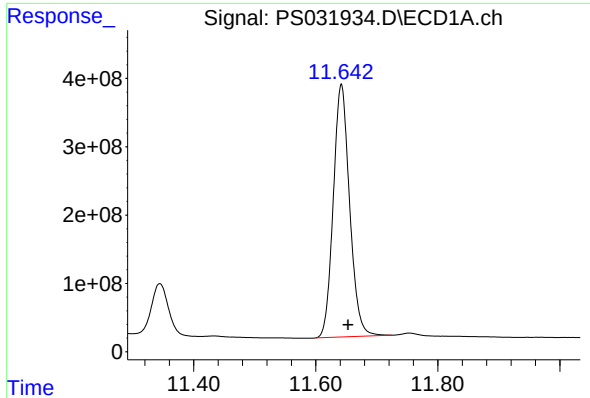
#15 Picloram

R.T.: 11.180 min
Delta R.T.: 0.002 min
Response: 3948859353
Conc: 219.25 ng/ml



#15 Picloram

R.T.: 12.386 min
Delta R.T.: 0.006 min
Response: 4482543445
Conc: 189.27 ng/ml m



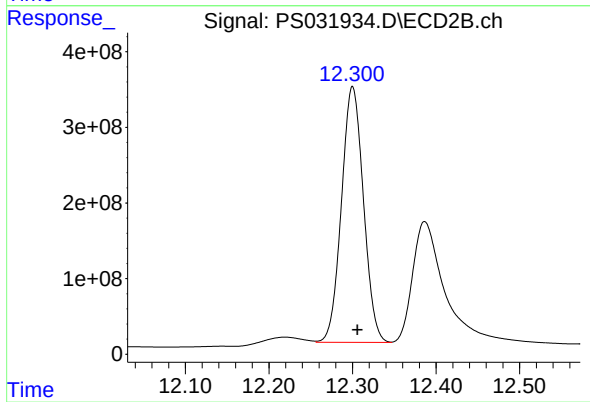
#16 DCPA

R.T.: 11.642 min
Delta R.T.: -0.011 min
Response: 6861850410
Conc: 254.62 ng/ml

Instrument :
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#16 DCPA

R.T.: 12.300 min
Delta R.T.: -0.006 min
Response: 6190080111
Conc: 256.81 ng/ml m