

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101525\
 Data File : PS032050.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2025 01:08
 Operator : AR\AJ
 Sample : Q3343-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 SOIL-ROLLOFF-WC-1MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/16/2025
 Supervised By : mohammad ahmed 10/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 03:11:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 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	7.279	7.743	1069.1E6	331.8E6	224.272	301.579 #
Target Compounds							
1) T	Dalapon	2.642	2.683	422.0E6	634.0E6	54.609m	168.698m#
2) T	3,5-DICHL...	6.448	6.697	710.8E6	193.1E6	100.988	92.567
5) T	DICAMBA	7.462	7.938	2442.4E6	1108.0E6	116.623	127.928
6) T	MCP	7.638	8.031	40867367	8995431	3.342	3.624m
7) T	MCPA	7.786	8.278	168.9E6	25490574	11.477	6.757 #
8) T	DICHLORPROP	8.171	8.657	572.2E6	198.2E6	120.368	101.229
9) T	2,4-D	8.407	9.003	678.7E6	289.8E6	139.763m	139.427
10) T	Pentachlo...	8.700	9.507	5843.8E6	4148.6E6	87.066	80.052
11) T	2,4,5-TP ...	9.278	9.890	2773.8E6	2058.8E6	98.216m	102.558m
12) T	2,4,5-T	9.577	10.323	2450.2E6	1942.7E6	97.059m	113.310
13) T	2,4-DB	10.156	10.883	177.9E6	284.6E6	57.384m	220.251m#
14) T	DINOSEB	11.343	11.265	357.2E6	247.6E6	16.017m	16.289
15) T	Picloram	11.181	12.386	2194.8E6	2225.8E6	93.086	66.858 #
16) T	DCPA	11.642	12.303	5097.9E6	5220.9E6	138.755	157.200m

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

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Acq On : 16 Oct 2025 01:08
Operator : AR\AJ
Sample : Q3343-01MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

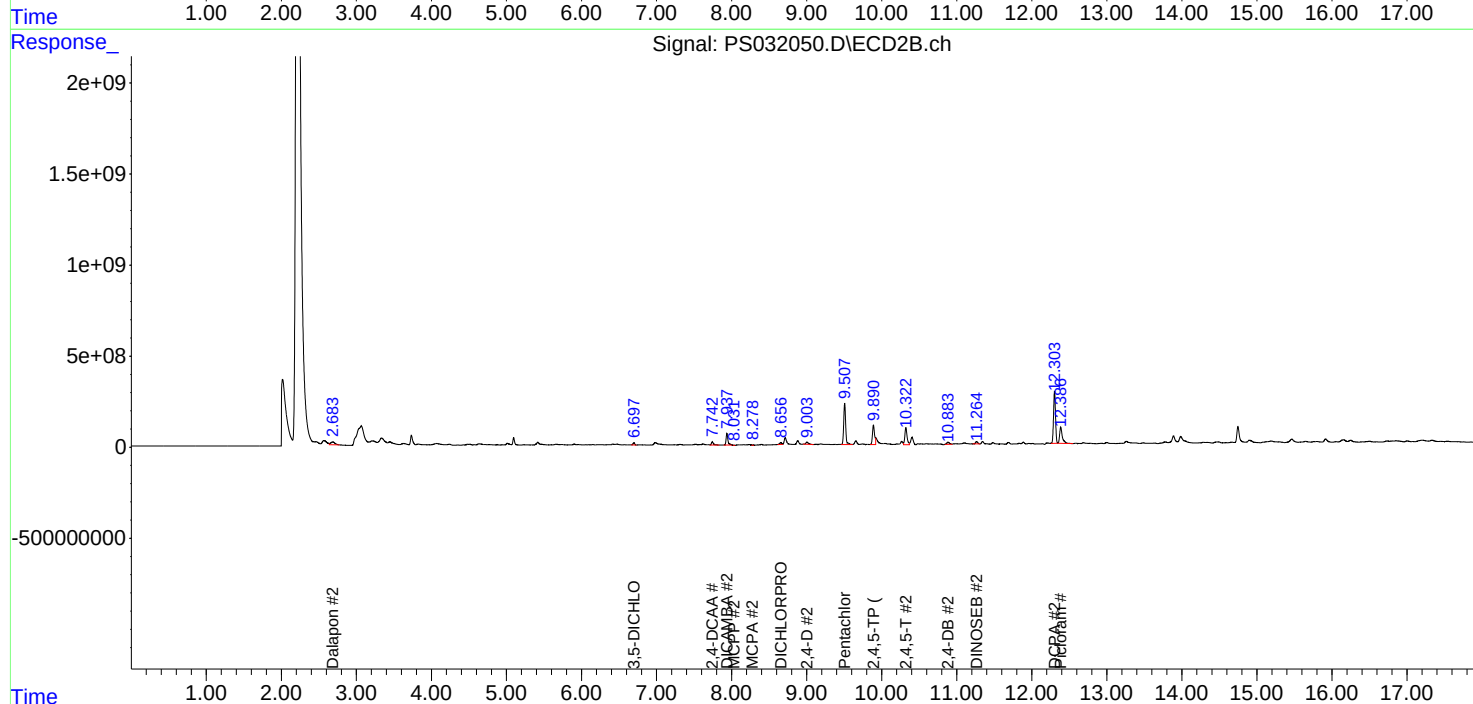
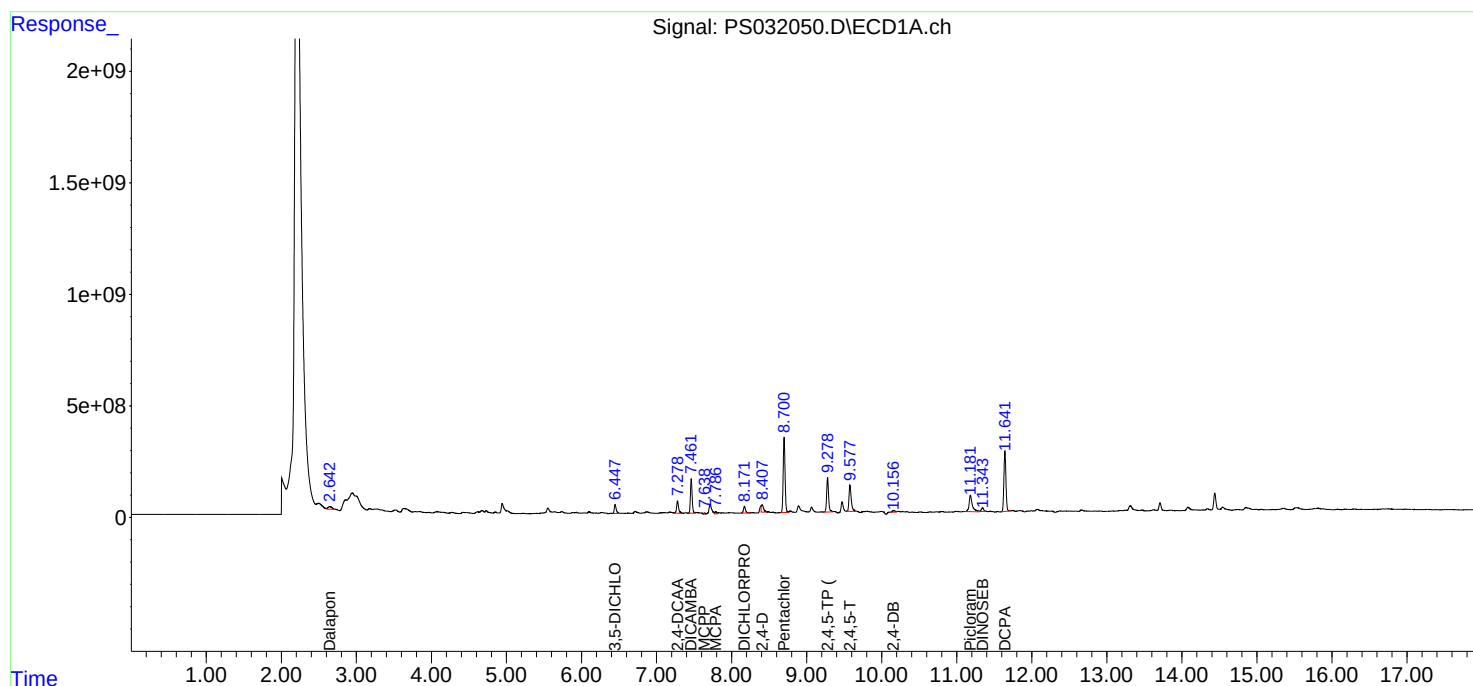
Instrument :
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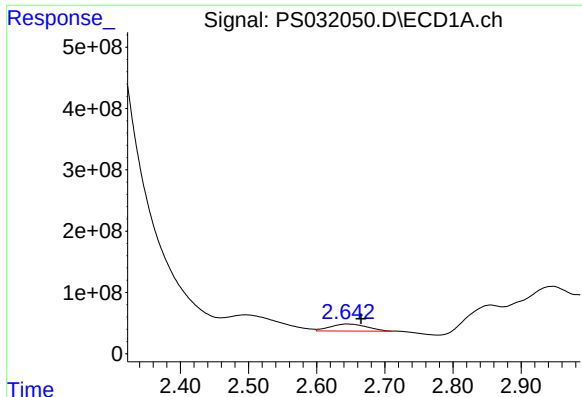
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 03:11:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial 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





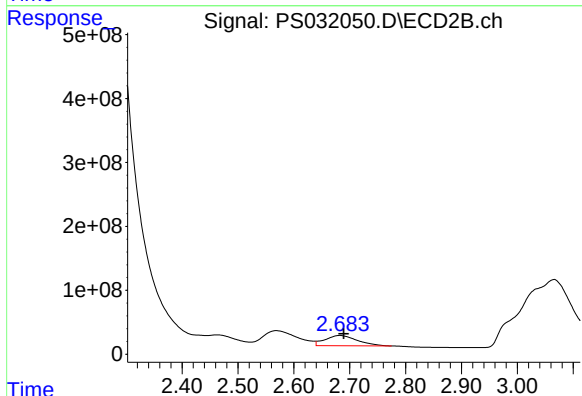
#1 Dalapon

R.T.: 2.642 min
Delta R.T.: -0.023 min
Response: 421989906
Conc: 54.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

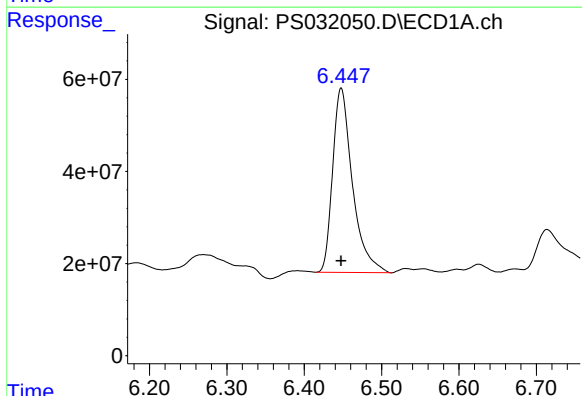
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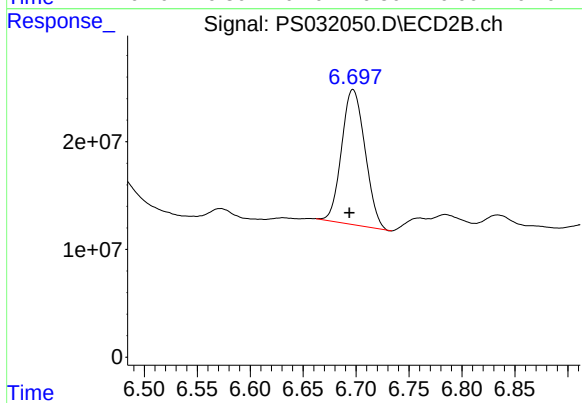
#1 Dalapon

R.T.: 2.683 min
Delta R.T.: -0.007 min
Response: 634011687
Conc: 168.70 ng/ml m



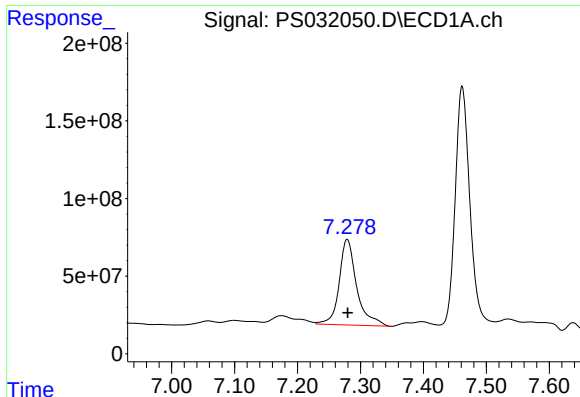
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 710841796
Conc: 100.99 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min
Delta R.T.: 0.004 min
Response: 193083672
Conc: 92.57 ng/ml



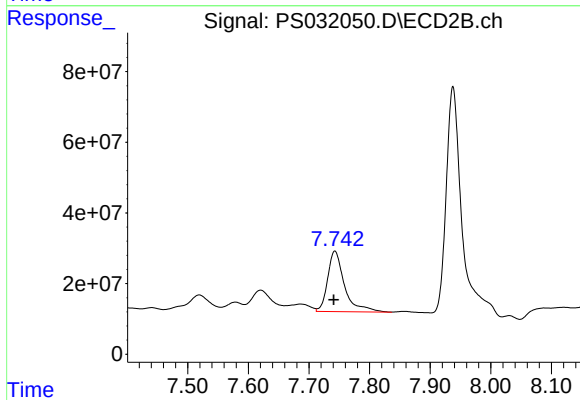
#4 2,4-DCAA

R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 1069112967
Conc: 224.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

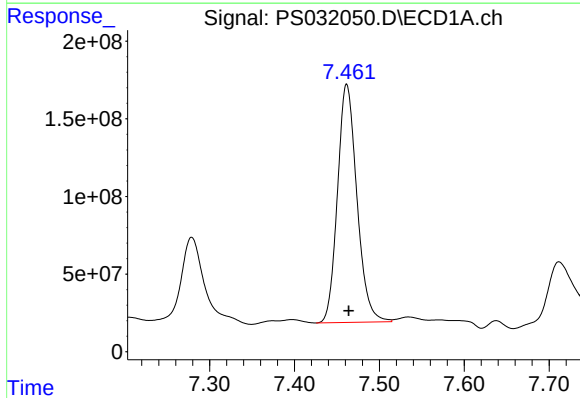
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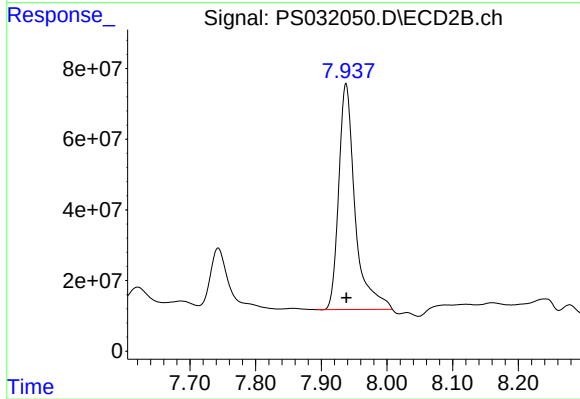
#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.002 min
Response: 331840042
Conc: 301.58 ng/ml



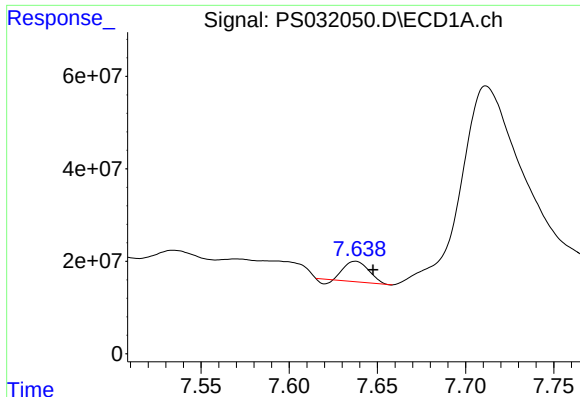
#5 DICAMBA

R.T.: 7.462 min
Delta R.T.: -0.002 min
Response: 2442358077
Conc: 116.62 ng/ml



#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 1107970242
Conc: 127.93 ng/ml



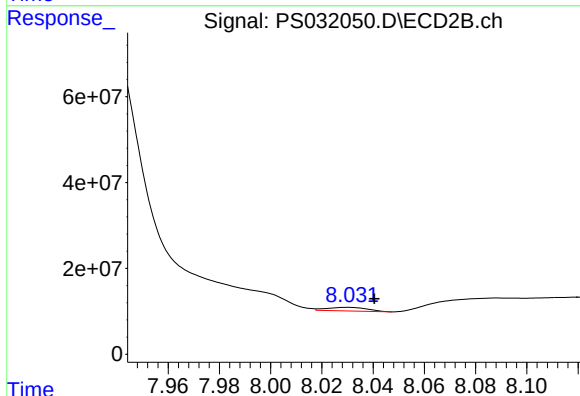
#6 MCP

R.T.: 7.638 min
Delta R.T.: -0.010 min
Response: 40867367
Conc: 3.34 ug/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

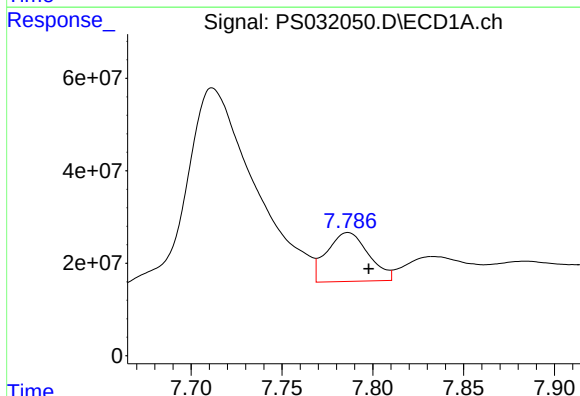
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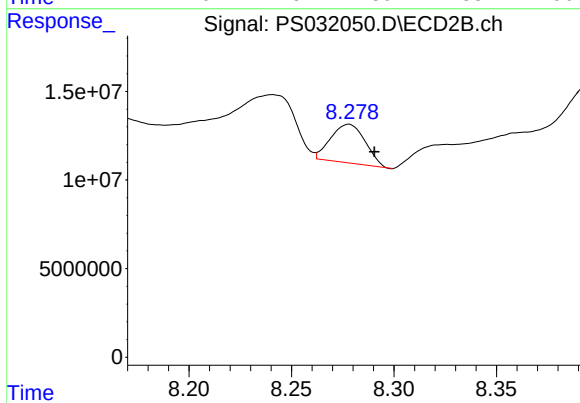
#6 MCP

R.T.: 8.031 min
Delta R.T.: -0.010 min
Response: 8995431
Conc: 3.62 ug/ml m



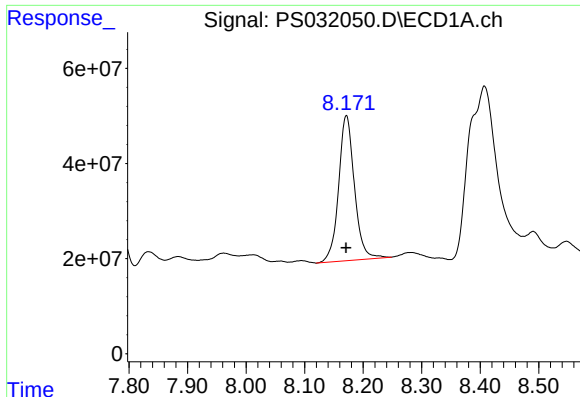
#7 MCPA

R.T.: 7.786 min
Delta R.T.: -0.011 min
Response: 168896719
Conc: 11.48 ug/ml



#7 MCPA

R.T.: 8.278 min
Delta R.T.: -0.013 min
Response: 25490574
Conc: 6.76 ug/ml



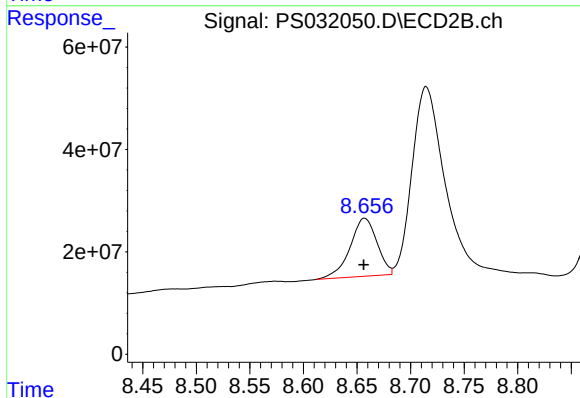
#8 DICHLORPROP

R.T.: 8.171 min
Delta R.T.: 0.000 min
Response: 572249185
Conc: 120.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

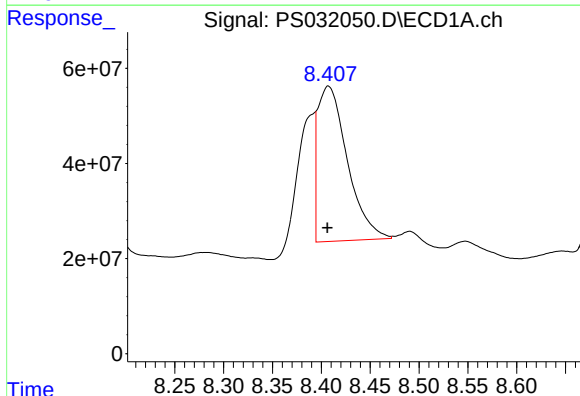
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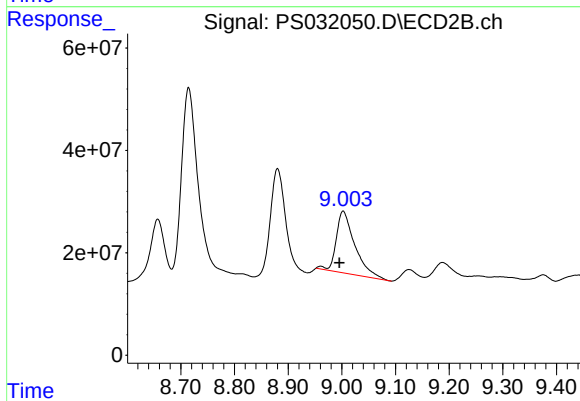
#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: 0.000 min
Response: 198233543
Conc: 101.23 ng/ml



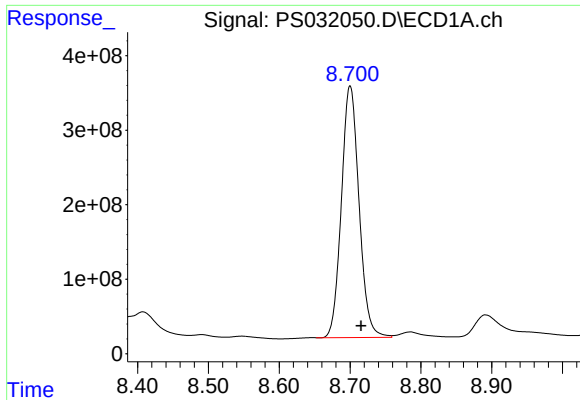
#9 2,4-D

R.T.: 8.407 min
Delta R.T.: 0.000 min
Response: 678669882
Conc: 139.76 ng/ml m



#9 2,4-D

R.T.: 9.003 min
Delta R.T.: 0.007 min
Response: 289769995
Conc: 139.43 ng/ml



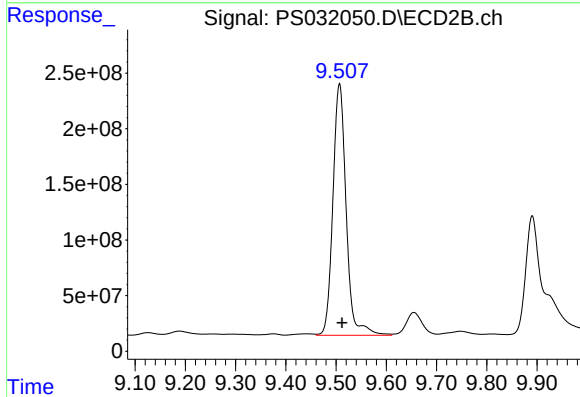
#10 Pentachlorophenol

R.T.: 8.700 min
Delta R.T.: -0.015 min
Response: 5843841291
Conc: 87.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

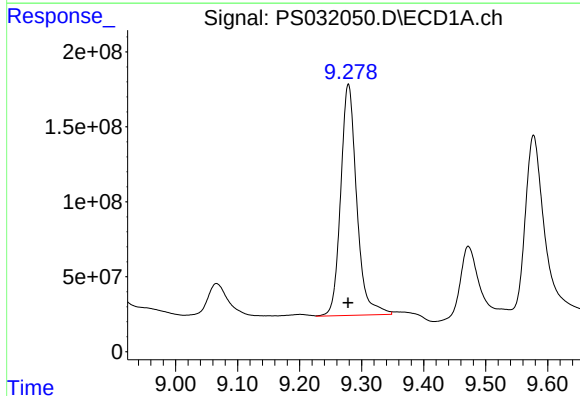
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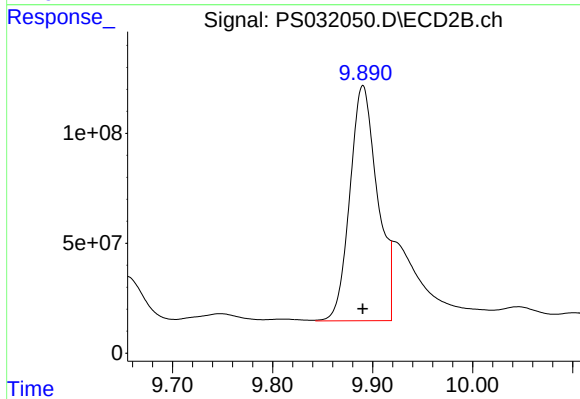
#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.005 min
Response: 4148628998
Conc: 80.05 ng/ml



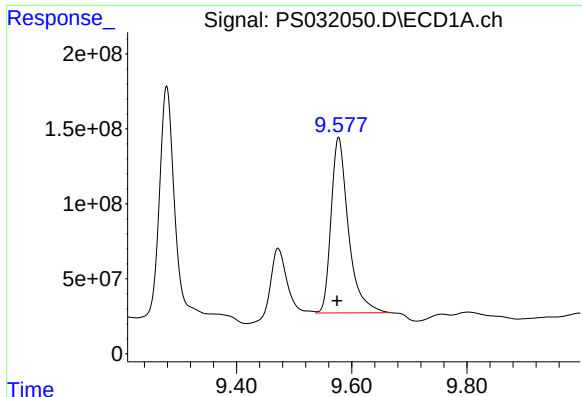
#11 2,4,5-TP (SILVEX)

R.T.: 9.278 min
Delta R.T.: 0.000 min
Response: 2773811581
Conc: 98.22 ng/ml m



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

R.T.: 9.890 min
Delta R.T.: 0.000 min
Response: 2058832327
Conc: 102.56 ng/ml m



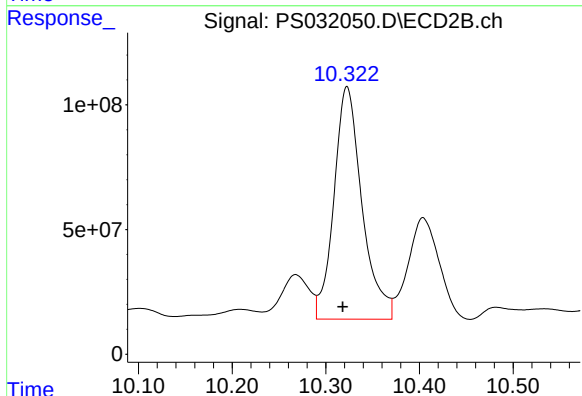
#12 2,4,5-T

R.T.: 9.577 min
Delta R.T.: 0.002 min
Response: 2450190493
Conc: 97.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
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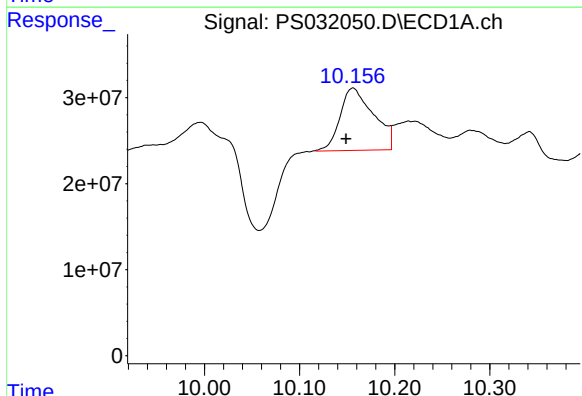
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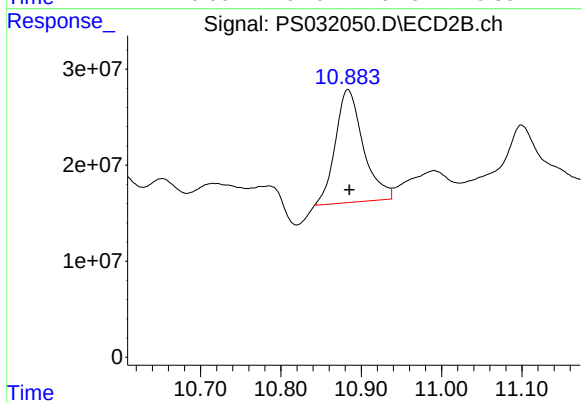
#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: 0.005 min
Response: 1942656679
Conc: 113.31 ng/ml



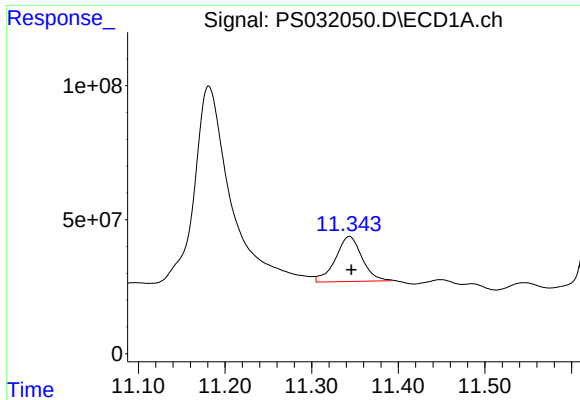
#13 2,4-DB

R.T.: 10.156 min
Delta R.T.: 0.007 min
Response: 177907210
Conc: 57.38 ng/ml m



#13 2,4-DB

R.T.: 10.883 min
Delta R.T.: -0.002 min
Response: 284584415
Conc: 220.25 ng/ml m



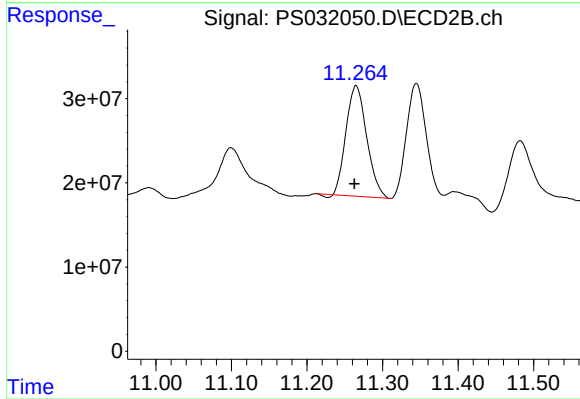
#14 DINoseb

R.T.: 11.343 min
Delta R.T.: -0.003 min
Response: 357186449
Conc: 16.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

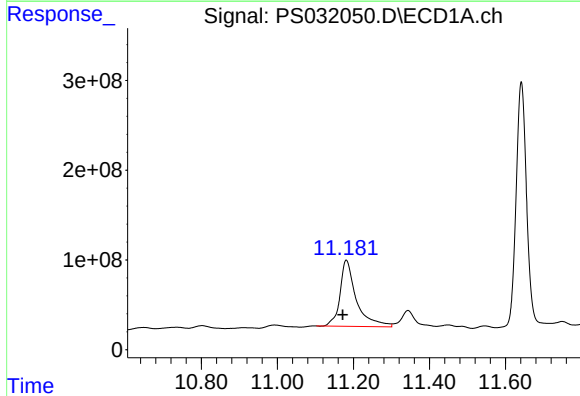
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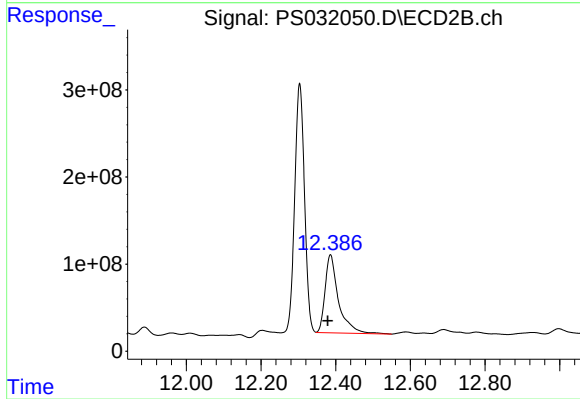
#14 DINoseb

R.T.: 11.265 min
Delta R.T.: 0.002 min
Response: 247645002
Conc: 16.29 ng/ml



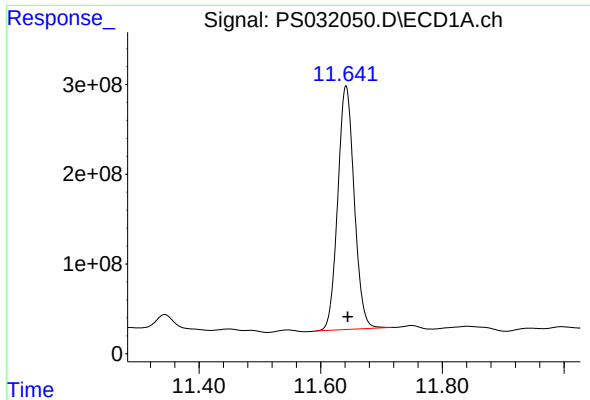
#15 Picloram

R.T.: 11.181 min
Delta R.T.: 0.010 min
Response: 2194767212
Conc: 93.09 ng/ml



#15 Picloram

R.T.: 12.386 min
Delta R.T.: 0.007 min
Response: 2225821814
Conc: 66.86 ng/ml



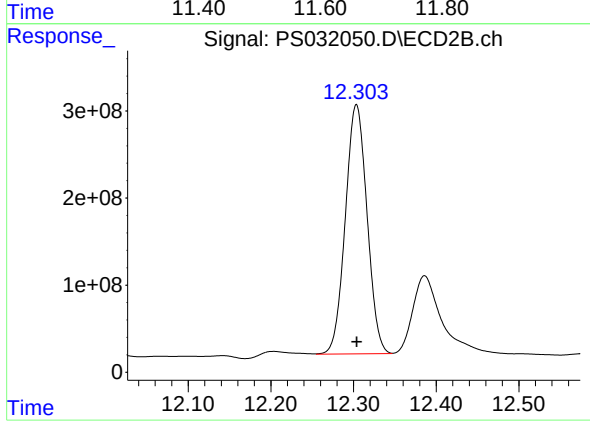
#16 DCPA

R.T.: 11.642 min
Delta R.T.: -0.003 min
Response: 5097879616
Conc: 138.75 ng/ml

Instrument :
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#16 DCPA

R.T.: 12.303 min
Delta R.T.: 0.000 min
Response: 5220853836
Conc: 157.20 ng/ml m