

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062725\
 Data File : PS030850.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 21:53
 Operator : AR\AJ
 Sample : PSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/30/2025
 Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:25:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.339	7.767	2584.6E6	731.3E6	703.404m	682.227
Target Compounds							
1) T	Dalapon	2.707	2.710	3788.9E6	1731.5E6	635.117	631.539
2) T	3,5-DICHL...	6.500	6.713	3463.5E6	1029.7E6	644.058	638.325
3) T	4-Nitroph...	7.139	7.299	1026.5E6	1082.0E6	651.029	624.145
5) T	DICAMBA	7.530	7.969	9920.3E6	4340.4E6	652.003	662.329
6) T	MCPD	7.711	8.068	690.9E6	147.0E6	73.594m	70.076
7) T	MCPA	7.861	8.317	789.8E6	207.5E6	67.332	65.974
8) T	DICHLORPROP	8.243	8.688	2331.3E6	979.3E6	622.395	622.738
9) T	2,4-D	8.474	9.024	2273.1E6	1077.9E6	659.937	634.285
10) T	Pentachlo...	8.782	9.549	36210.8E6	25889.9E6	684.185	679.132
11) T	2,4,5-TP ...	9.361	9.929	13689.2E6	9580.7E6	683.420	664.002
12) T	2,4,5-T	9.656	10.355	12016.3E6	9203.0E6	730.333	673.493
13) T	2,4-DB	10.233	10.922	1806.7E6	763.8E6	787.753	645.732
14) T	DINOSEB	11.452	11.308	9435.3E6	7012.0E6	680.112m	650.386
15) T	Picloram	11.260	12.416	12082.7E6	15928.8E6	751.591m	685.363
16) T	DCPA	11.747	12.351	17918.0E6	15000.8E6	699.479	680.531m

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

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Acq On : 27 Jun 2025 21:53
Operator : AR\AJ
Sample : PSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

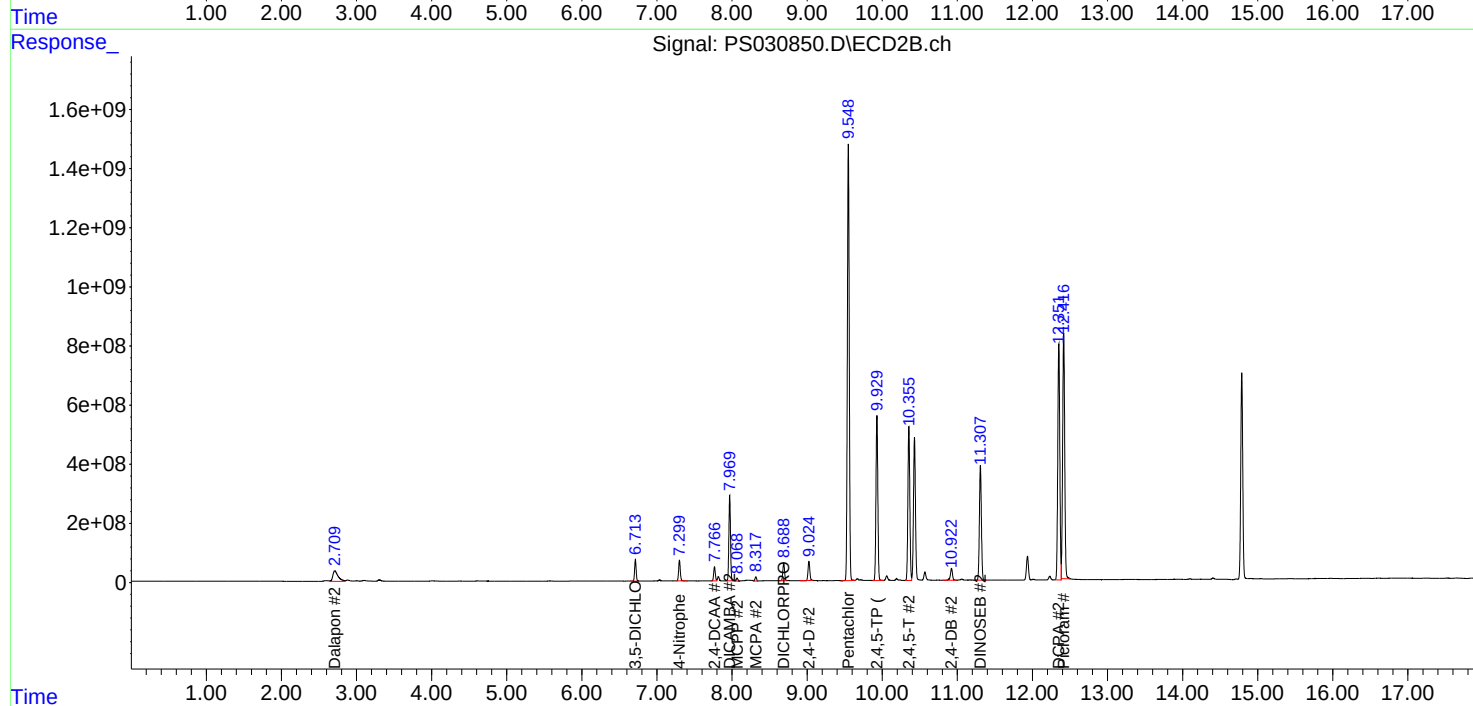
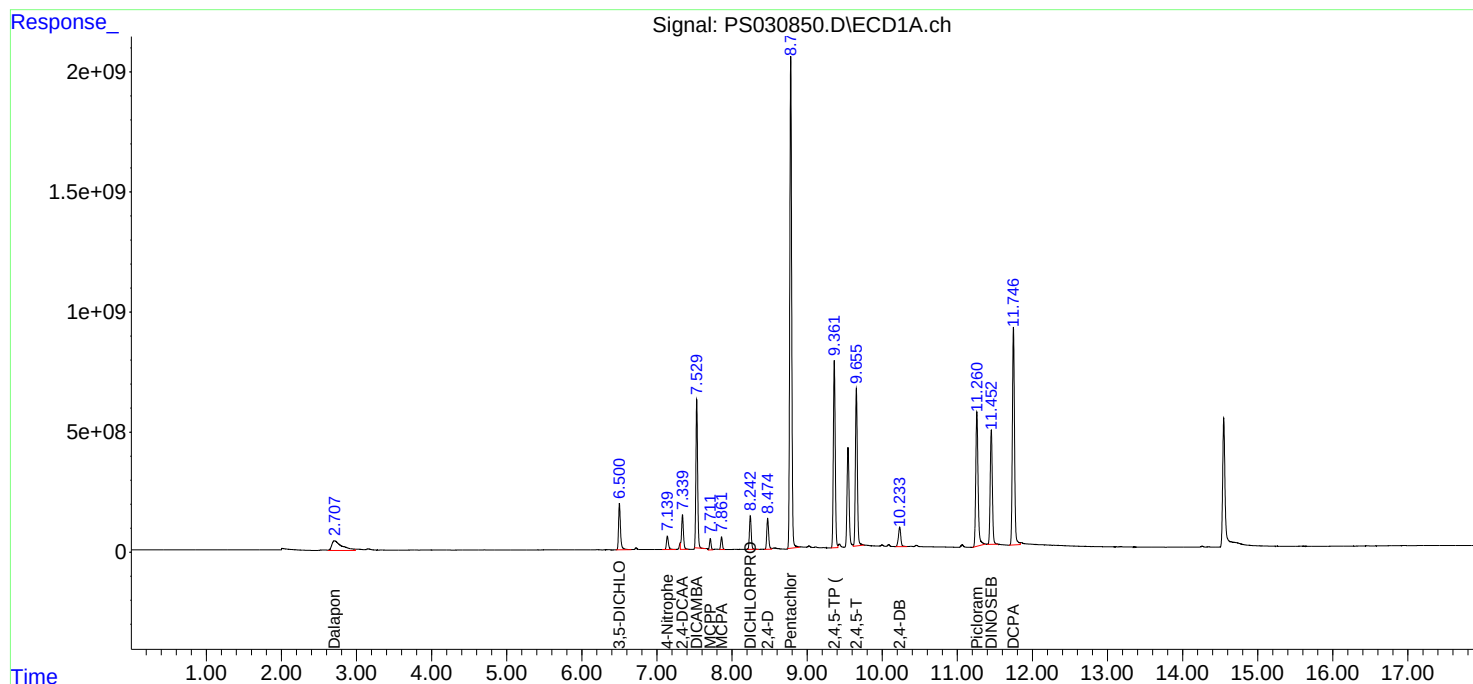
Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

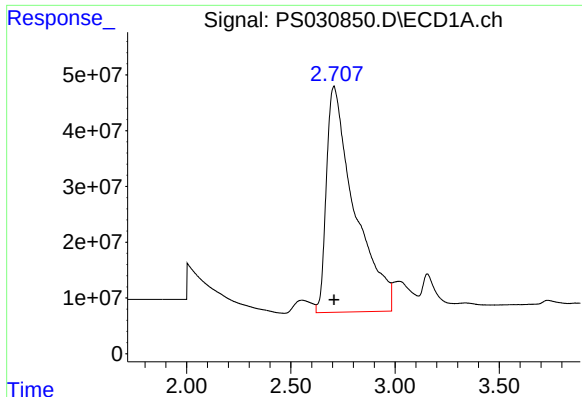
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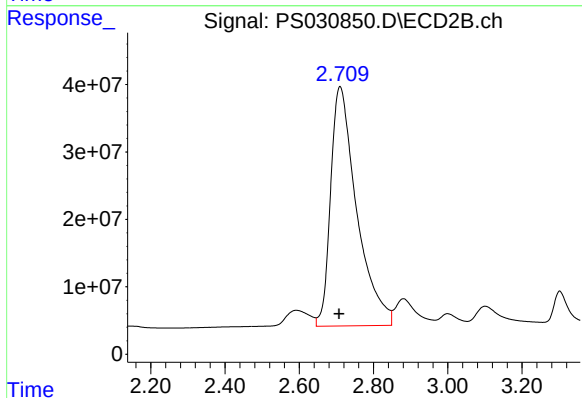
#1 Dalapon

R.T.: 2.707 min
Delta R.T.: 0.000 min
Response: 3788870809
Conc: 635.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

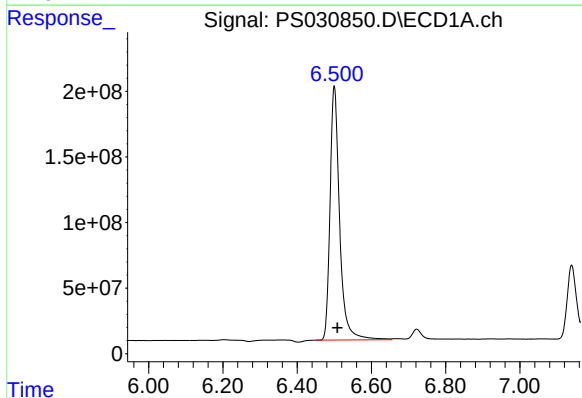
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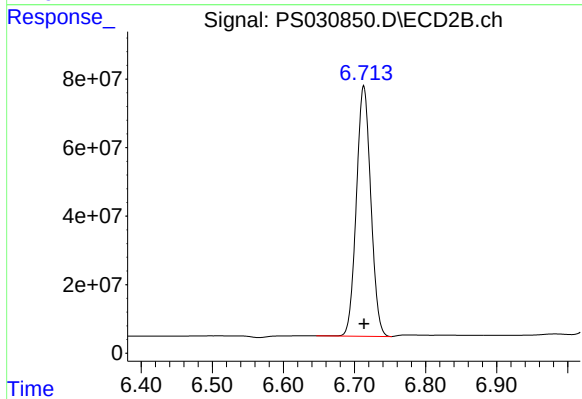
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.002 min
Response: 1731518661
Conc: 631.54 ng/ml



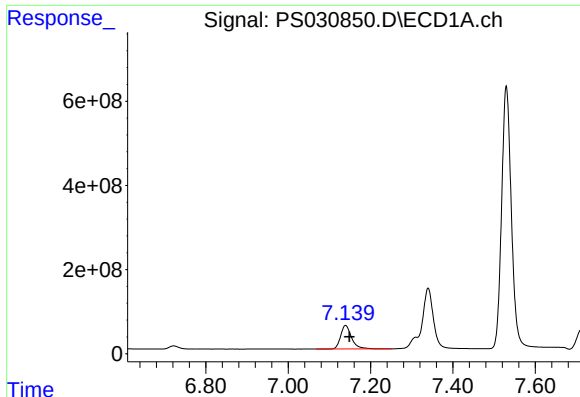
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.500 min
Delta R.T.: -0.009 min
Response: 3463454695
Conc: 644.06 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 1029713388
Conc: 638.32 ng/ml



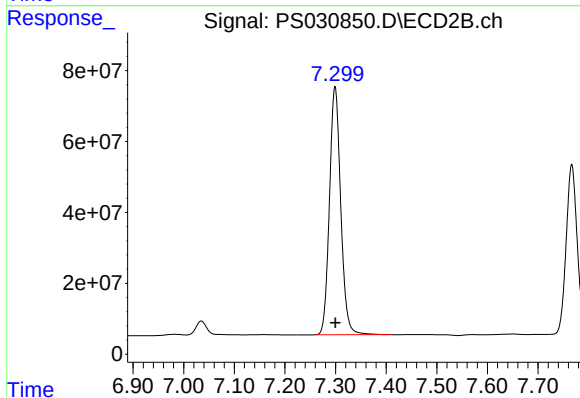
#3 4-Nitrophenol

R.T.: 7.139 min
Delta R.T.: -0.009 min
Response: 1026522049
Conc: 651.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

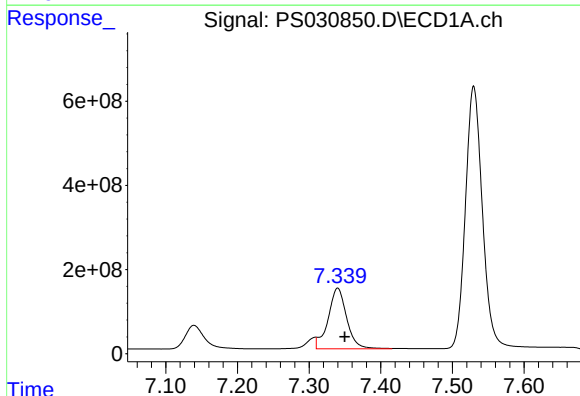
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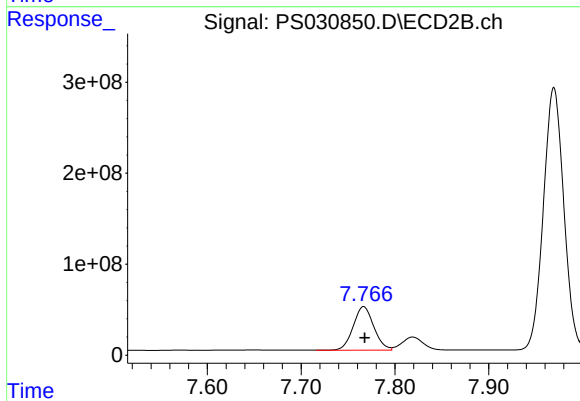
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 1081976643
Conc: 624.14 ng/ml



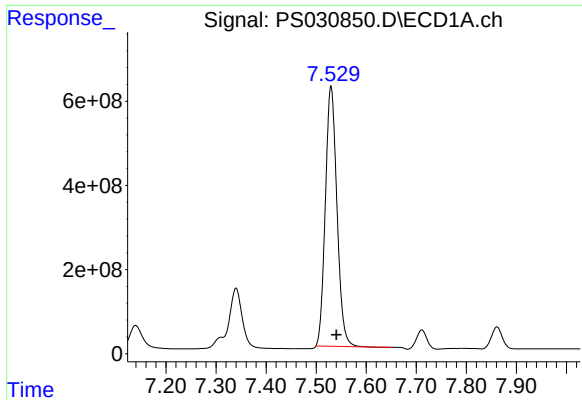
#4 2,4-DCAA

R.T.: 7.339 min
Delta R.T.: -0.010 min
Response: 2584583547
Conc: 703.40 ng/ml m



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.001 min
Response: 731322534
Conc: 682.23 ng/ml



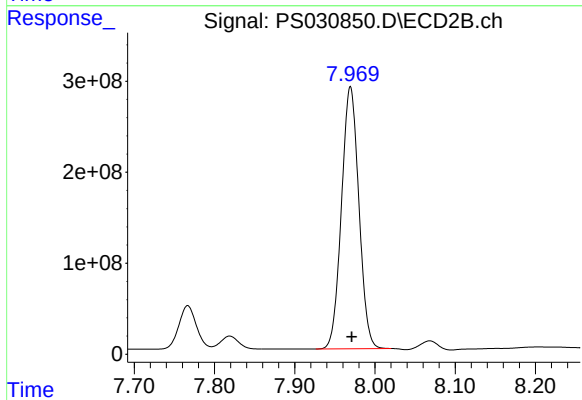
#5 DICAMBA

R.T.: 7.530 min
Delta R.T.: -0.011 min
Response: 9920285102
Conc: 652.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

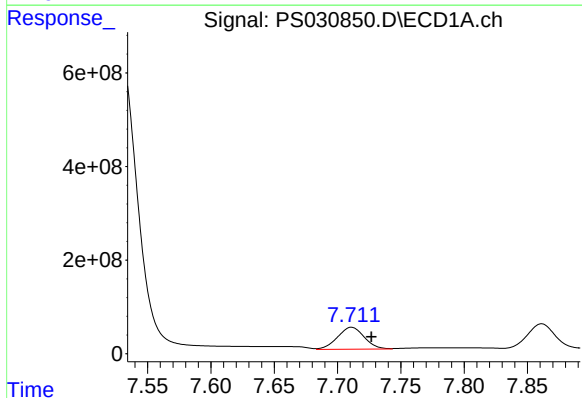
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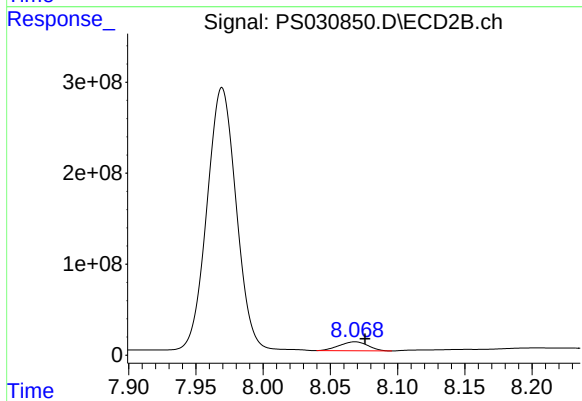
#5 DICAMBA

R.T.: 7.969 min
Delta R.T.: -0.002 min
Response: 4340387010
Conc: 662.33 ng/ml



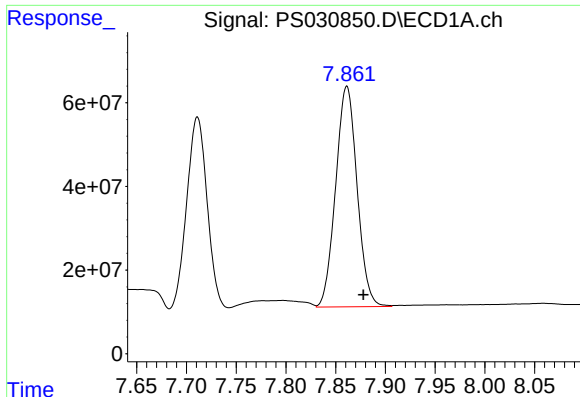
#6 MCP

R.T.: 7.711 min
Delta R.T.: -0.016 min
Response: 690927860
Conc: 73.59 ug/ml m



#6 MCP

R.T.: 8.068 min
Delta R.T.: -0.007 min
Response: 146971027
Conc: 70.08 ug/ml



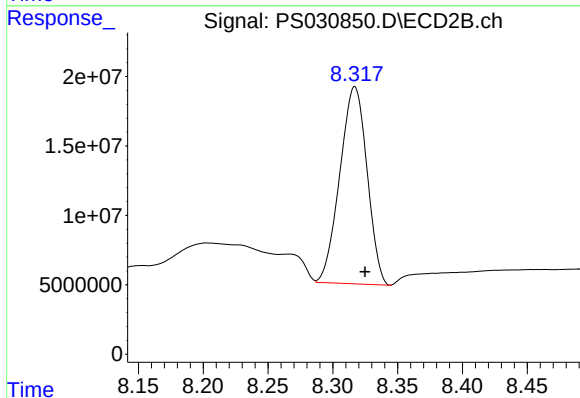
#7 MCPA

R.T.: 7.861 min
Delta R.T.: -0.017 min
Response: 789844110
Conc: 67.33 ug/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

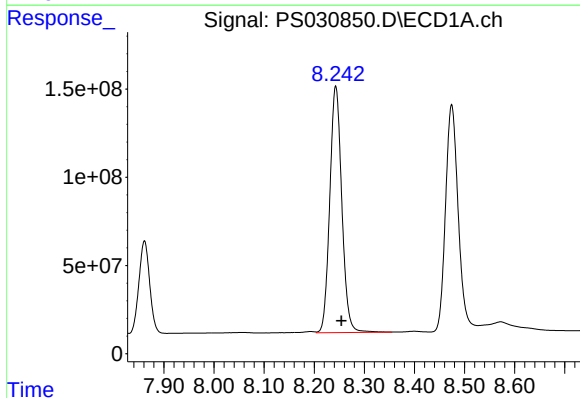
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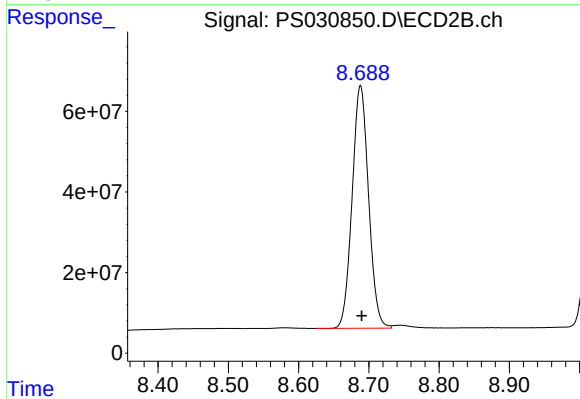
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.008 min
Response: 207535714
Conc: 65.97 ug/ml



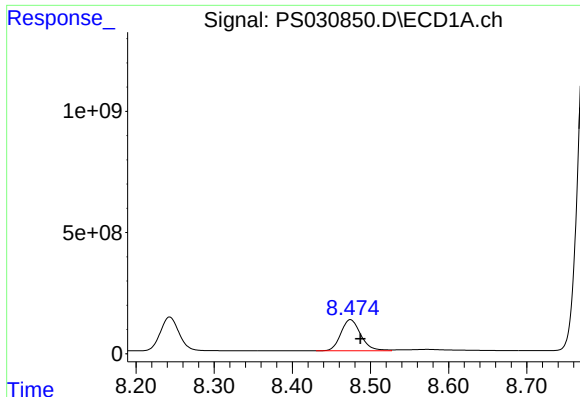
#8 DICHLORPROP

R.T.: 8.243 min
Delta R.T.: -0.011 min
Response: 2331344796
Conc: 622.39 ng/ml



#8 DICHLORPROP

R.T.: 8.688 min
Delta R.T.: -0.002 min
Response: 979252086
Conc: 622.74 ng/ml



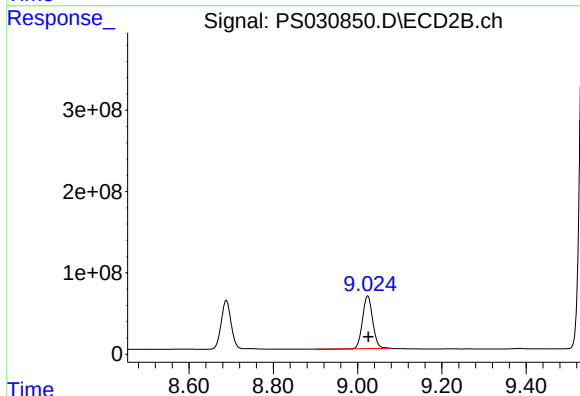
#9 2,4-D

R.T.: 8.474 min
Delta R.T.: -0.013 min
Response: 2273093770
Conc: 659.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

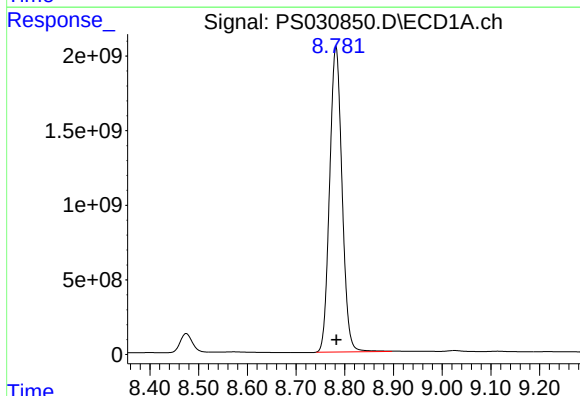
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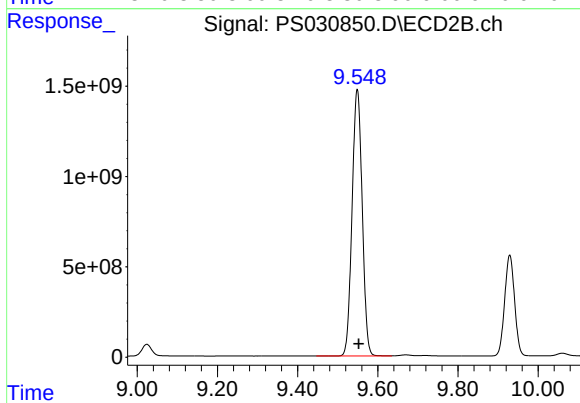
#9 2,4-D

R.T.: 9.024 min
Delta R.T.: -0.002 min
Response: 1077906811
Conc: 634.28 ng/ml



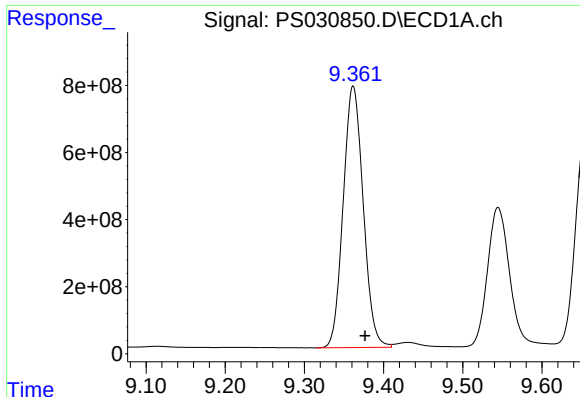
#10 Pentachlorophenol

R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 36210807653
Conc: 684.19 ng/ml



#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: -0.004 min
Response: 25889943416
Conc: 679.13 ng/ml



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

R.T.: 9.361 min
Delta R.T.: -0.015 min
Response: 13689178029
Conc: 683.42 ng/ml

Instrument :

ECD_S

ClientSampleId :

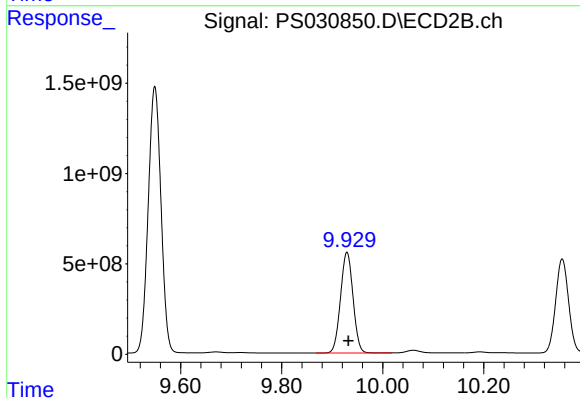
PSTDCCC750

Manual Integrations

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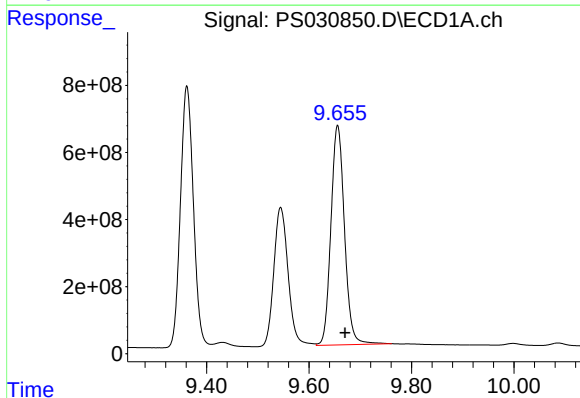
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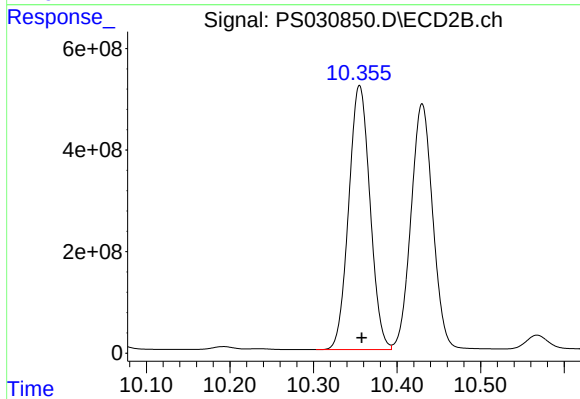
#11 2,4,5-TP (SILVEX)

R.T.: 9.929 min
Delta R.T.: -0.003 min
Response: 9580684861
Conc: 664.00 ng/ml



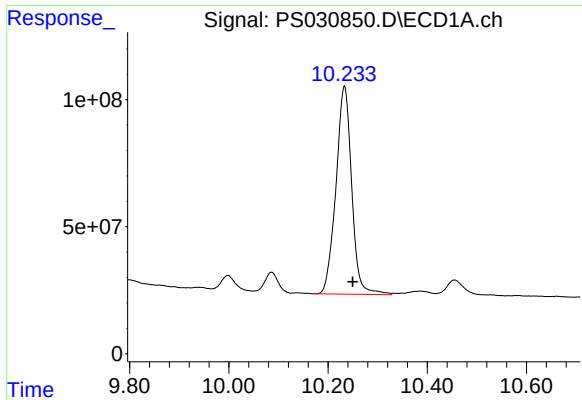
#12 2,4,5-T

R.T.: 9.656 min
Delta R.T.: -0.014 min
Response: 12016273004
Conc: 730.33 ng/ml



#12 2,4,5-T

R.T.: 10.355 min
Delta R.T.: -0.003 min
Response: 9203029624
Conc: 673.49 ng/ml



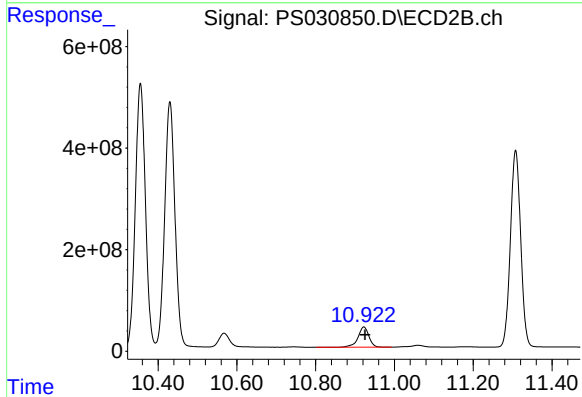
#13 2,4-DB

R.T.: 10.233 min
Delta R.T.: -0.017 min
Response: 1806714621
Conc: 787.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

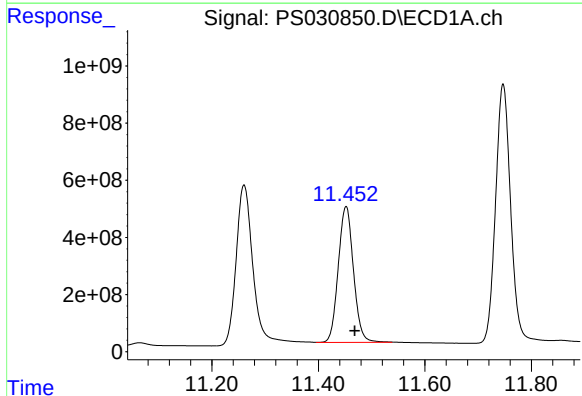
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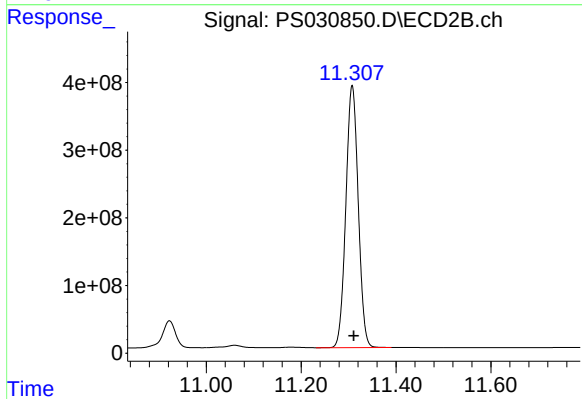
#13 2,4-DB

R.T.: 10.922 min
Delta R.T.: -0.003 min
Response: 763838047
Conc: 645.73 ng/ml



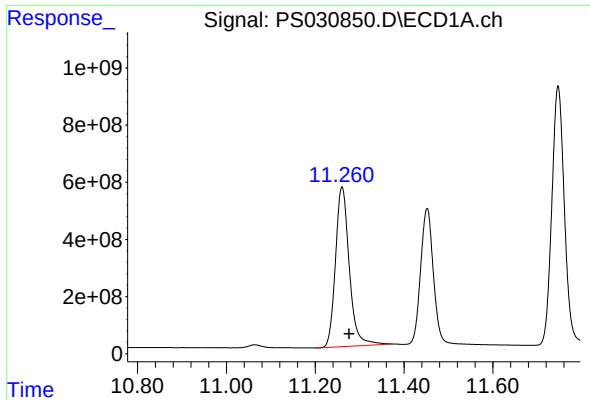
#14 DINOSEB

R.T.: 11.452 min
Delta R.T.: -0.017 min
Response: 9435316072
Conc: 680.11 ng/ml m



#14 DINOSEB

R.T.: 11.308 min
Delta R.T.: -0.003 min
Response: 7011972135
Conc: 650.39 ng/ml



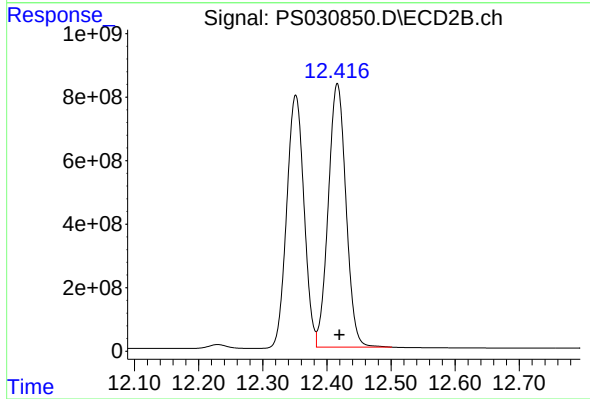
#15 Picloram

R.T.: 11.260 min
Delta R.T.: -0.016 min
Response: 12082657245
Conc: 751.59 ng/ml

Instrument :
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ClientSampleId :
PSTDCCC750

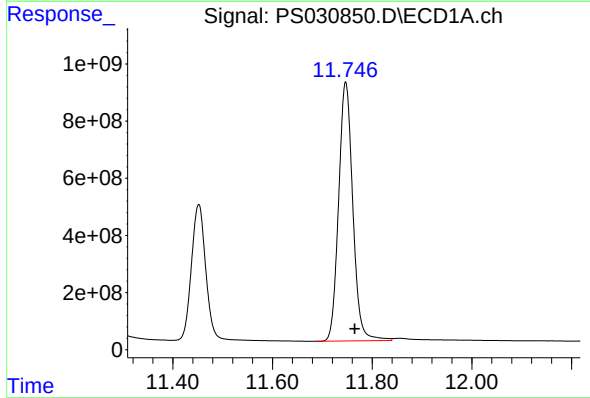
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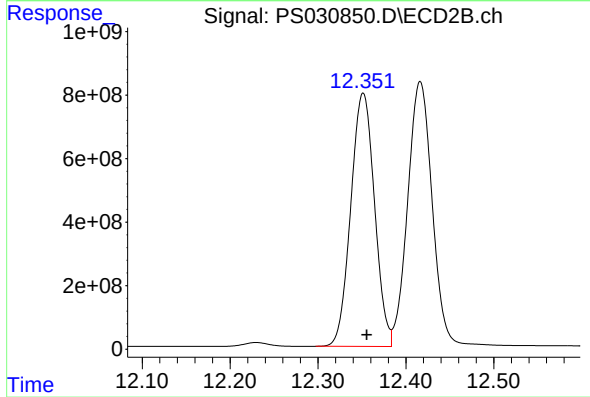
#15 Picloram

R.T.: 12.416 min
Delta R.T.: -0.003 min
Response: 15928814474
Conc: 685.36 ng/ml



#16 DCPA

R.T.: 11.747 min
Delta R.T.: -0.018 min
Response: 17918038932
Conc: 699.48 ng/ml



#16 DCPA

R.T.: 12.351 min
Delta R.T.: -0.005 min
Response: 15000808607
Conc: 680.53 ng/ml m