

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090825\
 Data File : PS031646.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2025 18:48
 Operator : AR\AJ
 Sample : HSTDICC1000
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1000

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/09/2025
 Supervised By :mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 03:13:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090825.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 03:11:18 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	7.282	7.739	3366.6E6	843.6E6	940.927m	1007.020
Target Compounds							
1) T	Dalapon	2.669	2.692	4954.9E6	2414.2E6	899.705	901.015
2) T	3,5-DICHL...	6.450	6.692	4812.7E6	1357.1E6	900.769	911.805
3) T	4-Nitroph...	7.092	7.288	957.7E6	1101.1E6	844.944	969.364
5) T	DICAMBA	7.466	7.935	14622.4E6	5911.3E6	919.195	940.888
6) T	MCPD	7.646	8.034	926.8E6	194.3E6	98.110	97.508
7) T	MCPA	7.795	8.282	1083.9E6	265.4E6	96.372	95.881
8) T	DICHLORPROP	8.174	8.654	3205.6E6	1317.9E6	913.094	928.706
9) T	2,4-D	8.410	8.996	3019.7E6	1420.9E6	923.861	947.696
10) T	Pentachlo...	8.696	9.504	48467.1E6	37376.4E6	846.776m	936.422
11) T	2,4,5-TP ...	9.282	9.889	19460.3E6	13562.1E6	922.358	936.791
12) T	2,4,5-T	9.579	10.318	17217.2E6	11833.6E6	949.126	964.677
13) T	2,4-DB	10.156	10.886	2022.6E6	781.9E6	1002.383	950.662
14) T	DINOSEB	11.352	11.262	14357.6E6	9878.8E6	909.055	930.232
15) T	Picloram	11.182	12.383	13415.2E6	17598.9E6	1022.614	1027.543
16) T	DCPA	11.651	12.303	25042.9E6	22341.0E6	924.844	944.431

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

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Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

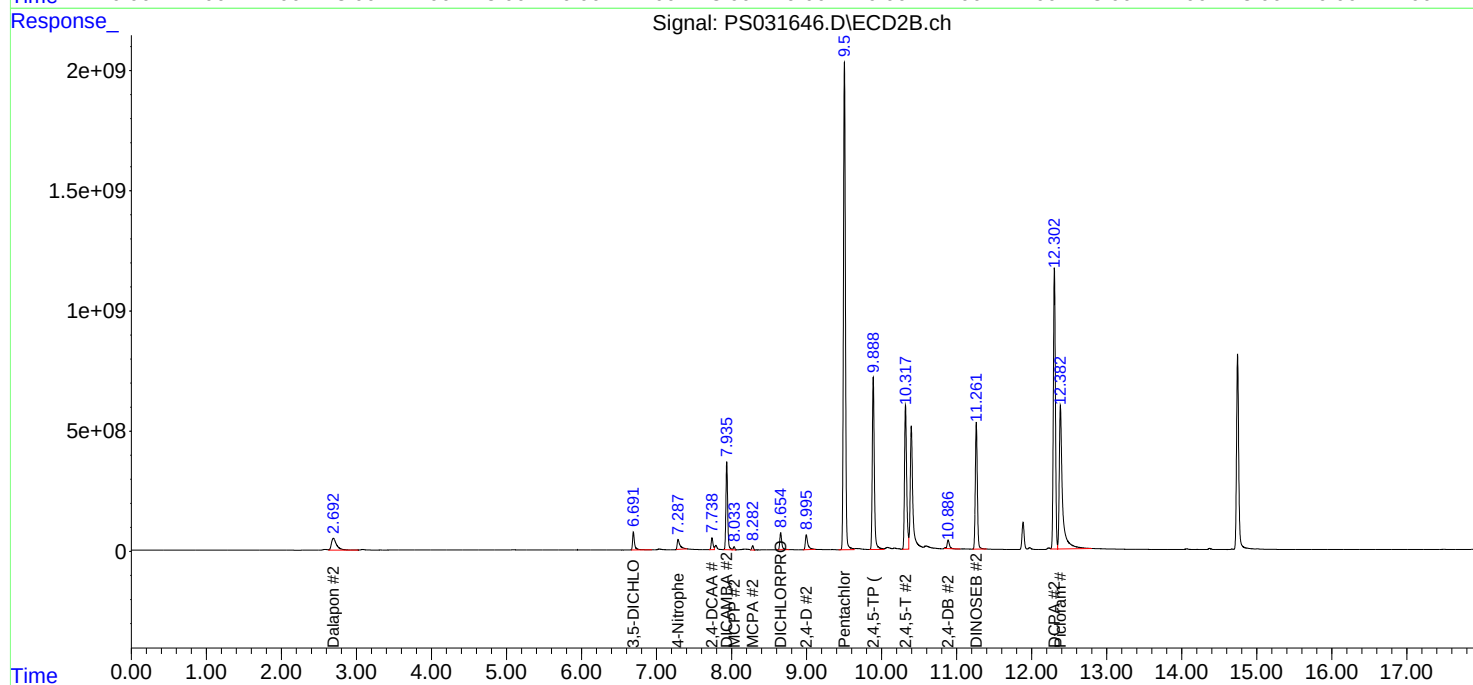
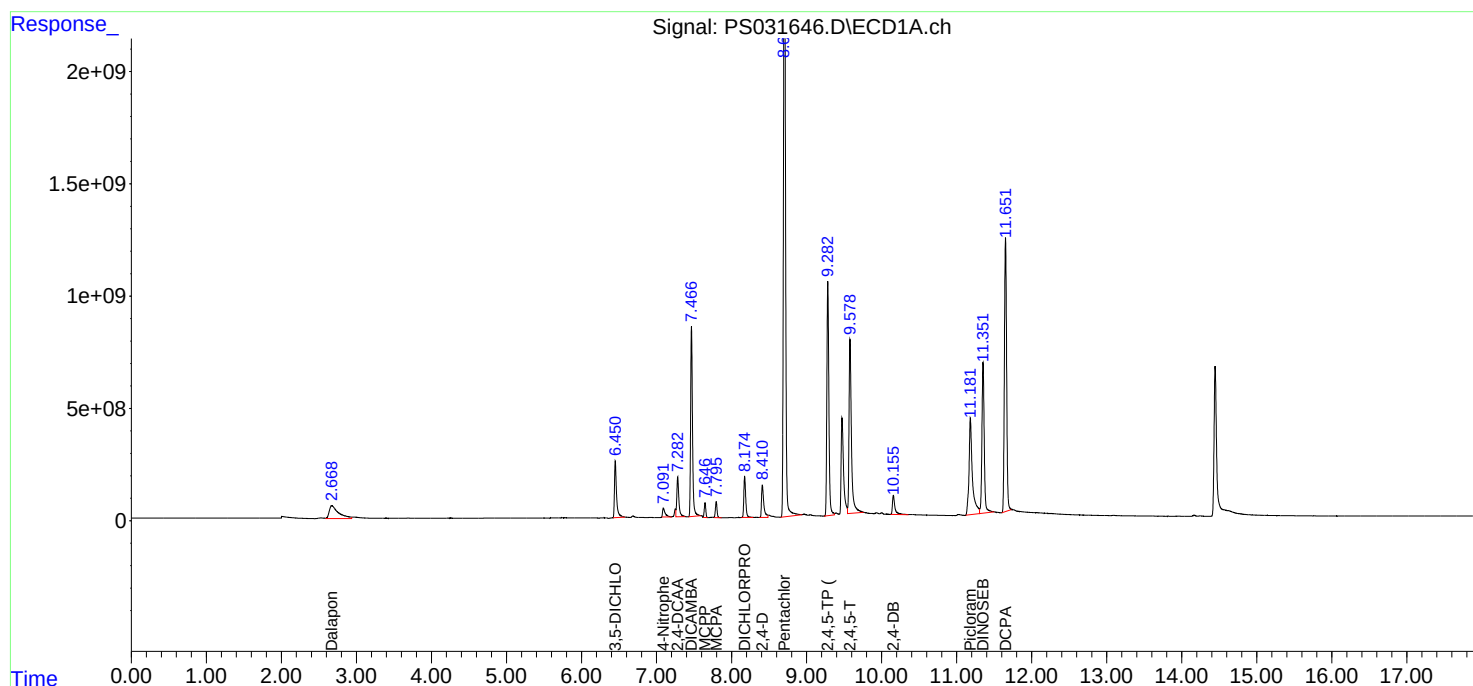
Instrument :
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ClientSampleId :
HSTDICC1000

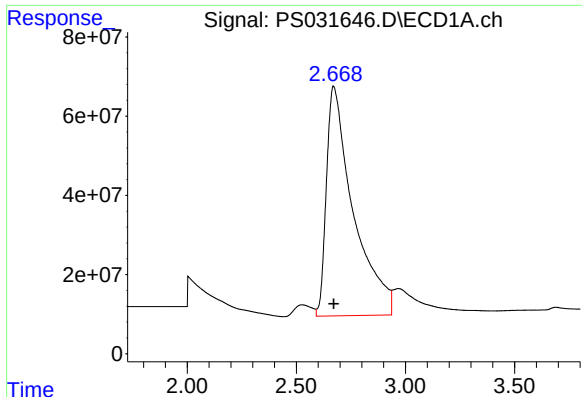
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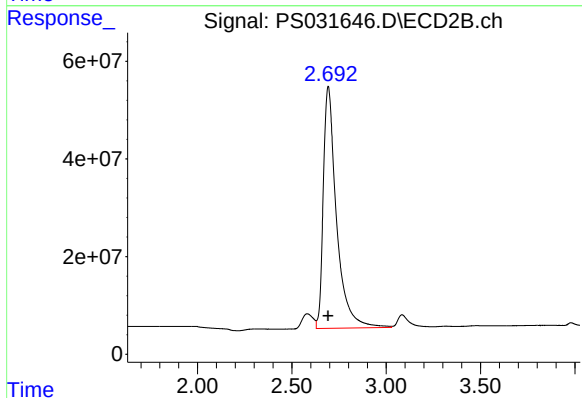
#1 Dalapon

R.T.: 2.669 min
Delta R.T.: -0.003 min
Response: 4954876127
Conc: 899.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

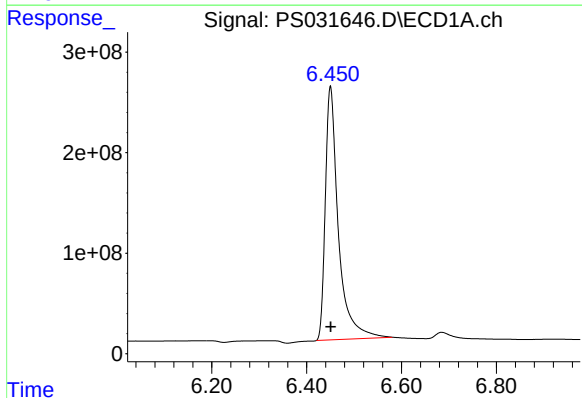
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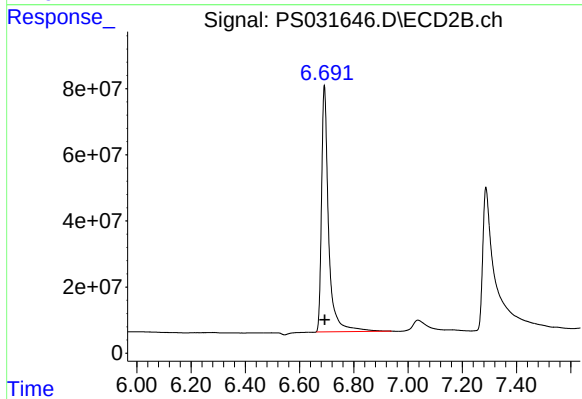
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: 0.000 min
Response: 2414158231
Conc: 901.02 ng/ml



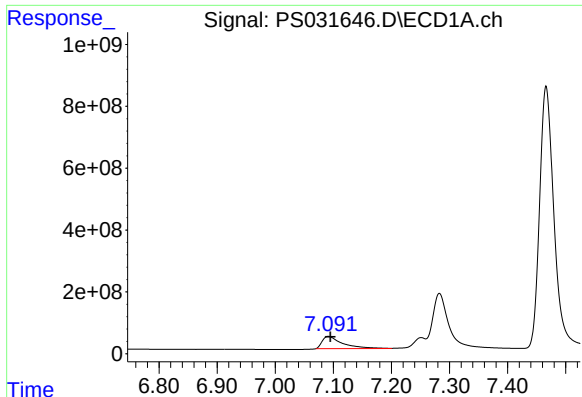
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 4812734275
Conc: 900.77 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.692 min
Delta R.T.: -0.001 min
Response: 1357066091
Conc: 911.80 ng/ml



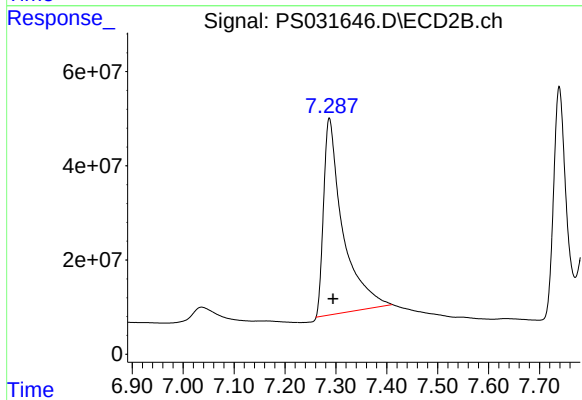
#3 4-Nitrophenol

R.T.: 7.092 min
Delta R.T.: -0.003 min
Response: 957727958
Conc: 844.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

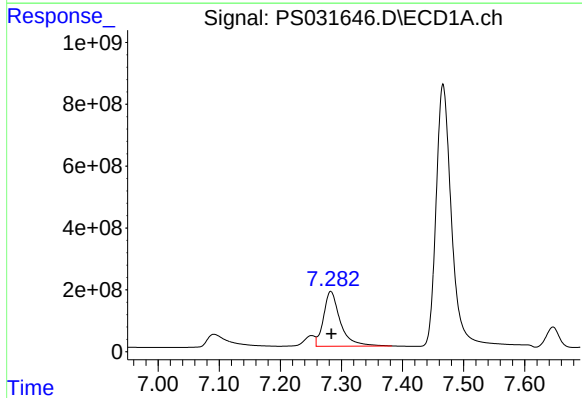
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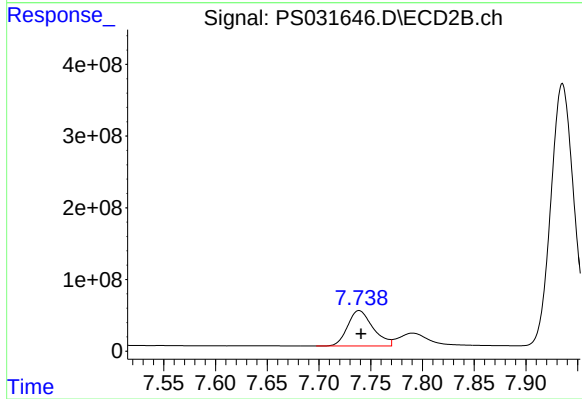
#3 4-Nitrophenol

R.T.: 7.288 min
Delta R.T.: -0.007 min
Response: 1101132973
Conc: 969.36 ng/ml



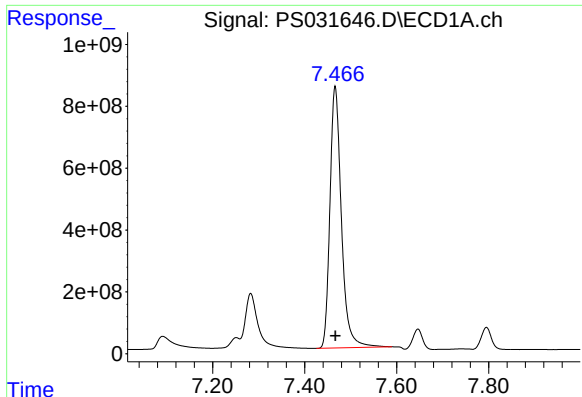
#4 2,4-DCAA

R.T.: 7.282 min
Delta R.T.: -0.001 min
Response: 3366626612
Conc: 940.93 ng/ml m



#4 2,4-DCAA

R.T.: 7.739 min
Delta R.T.: -0.002 min
Response: 843564690
Conc: 1007.02 ng/ml



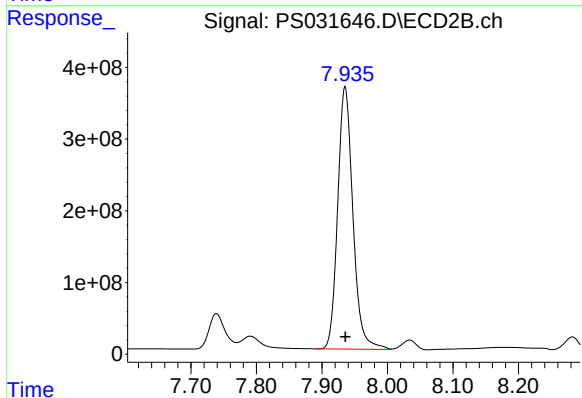
#5 DICAMBA

R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 14622435394
Conc: 919.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

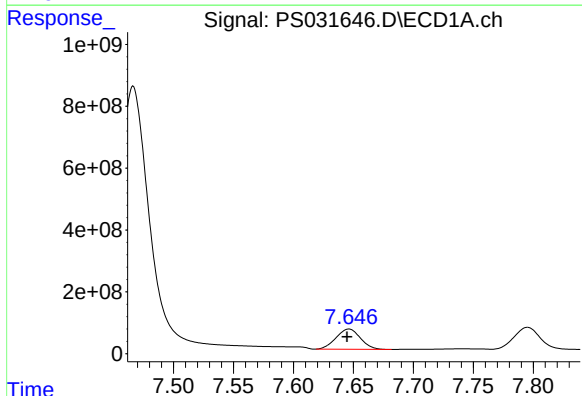
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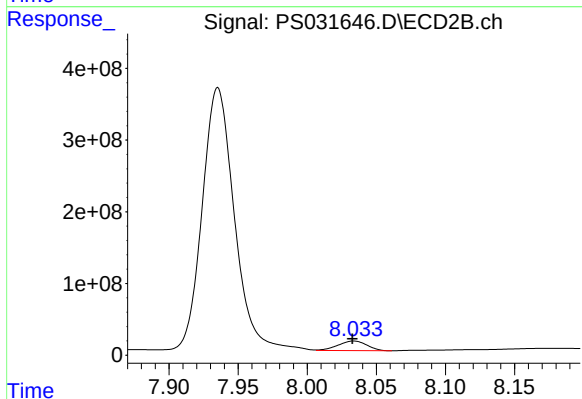
#5 DICAMBA

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 5911349166
Conc: 940.89 ng/ml



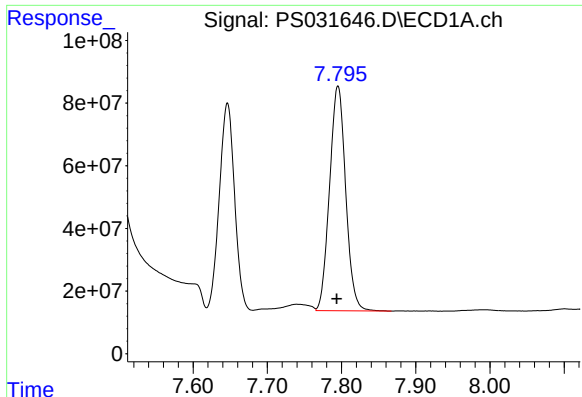
#6 MCPP

R.T.: 7.646 min
Delta R.T.: 0.001 min
Response: 926783833
Conc: 98.11 ug/ml



#6 MCPP

R.T.: 8.034 min
Delta R.T.: 0.001 min
Response: 194302056
Conc: 97.51 ug/ml



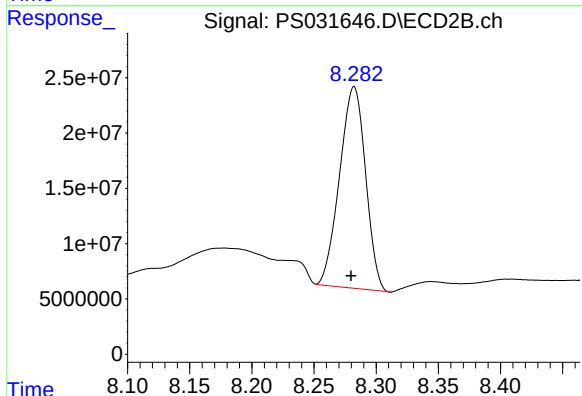
#7 MCPA

R.T.: 7.795 min
Delta R.T.: 0.002 min
Response: 1083863472
Conc: 96.37 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

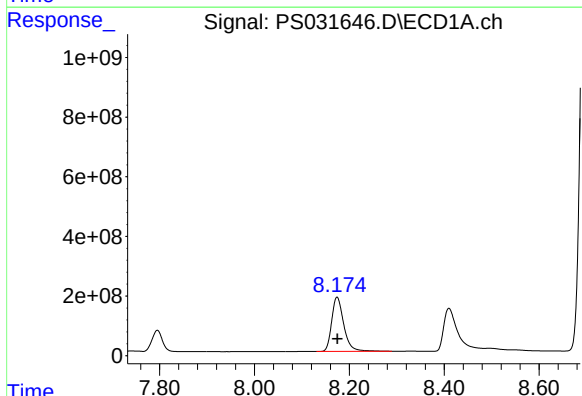
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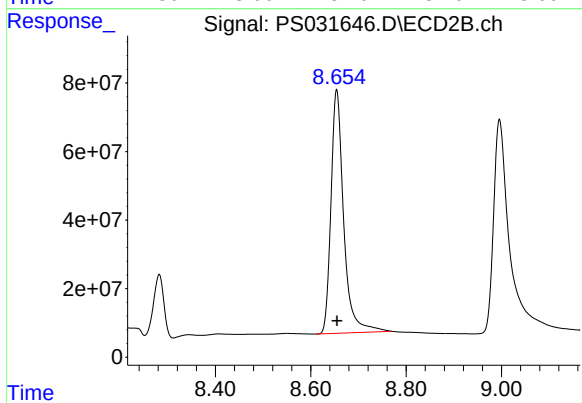
#7 MCPA

R.T.: 8.282 min
Delta R.T.: 0.002 min
Response: 265443779
Conc: 95.88 ug/ml



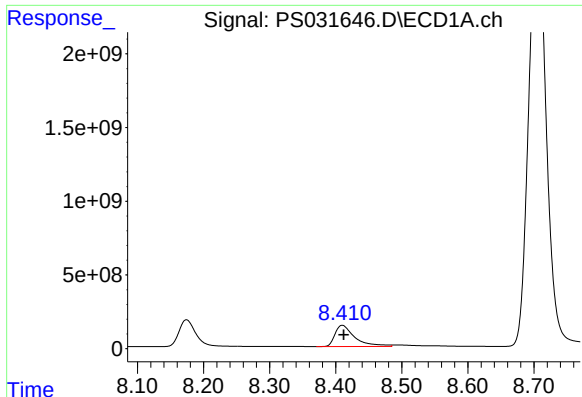
#8 DICHLORPROP

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 3205603868
Conc: 913.09 ng/ml



#8 DICHLORPROP

R.T.: 8.654 min
Delta R.T.: 0.000 min
Response: 1317921021
Conc: 928.71 ng/ml



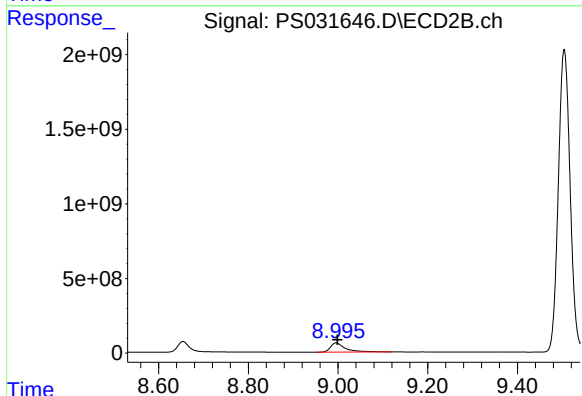
#9 2,4-D

R.T.: 8.410 min
Delta R.T.: -0.002 min
Response: 3019656503
Conc: 923.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

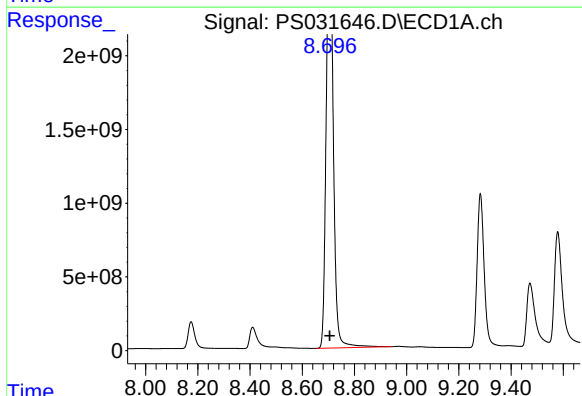
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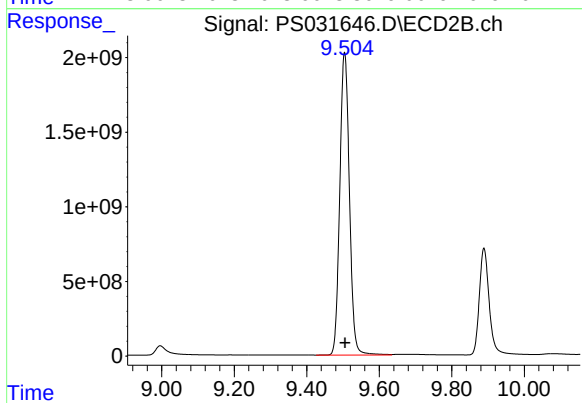
#9 2,4-D

R.T.: 8.996 min
Delta R.T.: -0.003 min
Response: 1420936738
Conc: 947.70 ng/ml



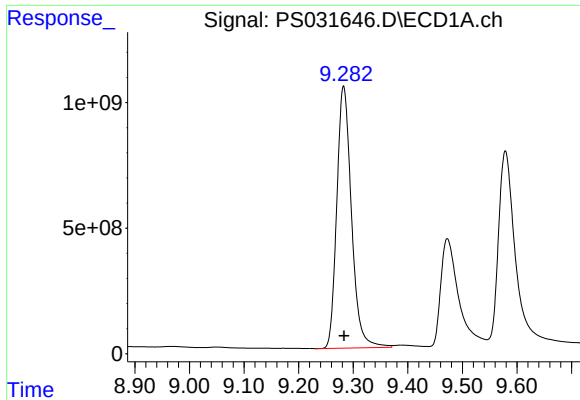
#10 Pentachlorophenol

R.T.: 8.696 min
Delta R.T.: -0.010 min
Response: 48467118821
Conc: 846.78 ng/ml m



#10 Pentachlorophenol

R.T.: 9.504 min
Delta R.T.: 0.000 min
Response: 37376433441
Conc: 936.42 ng/ml



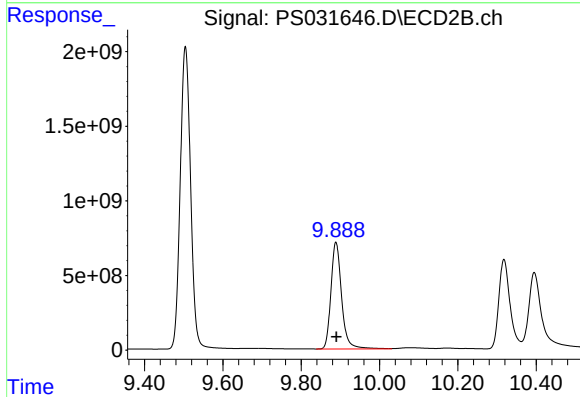
#11 2,4,5-TP (SILVEX)

R.T.: 9.282 min
Delta R.T.: 0.000 min
Response: 19460294188
Conc: 922.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

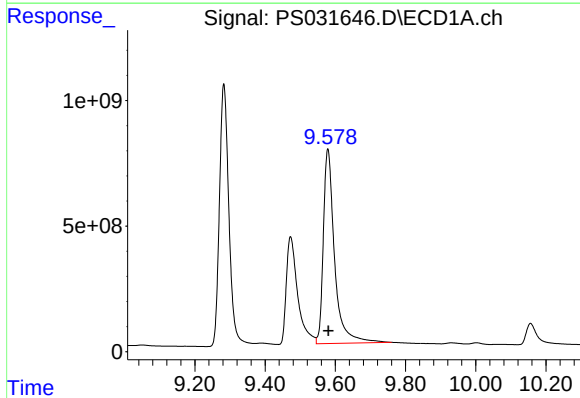
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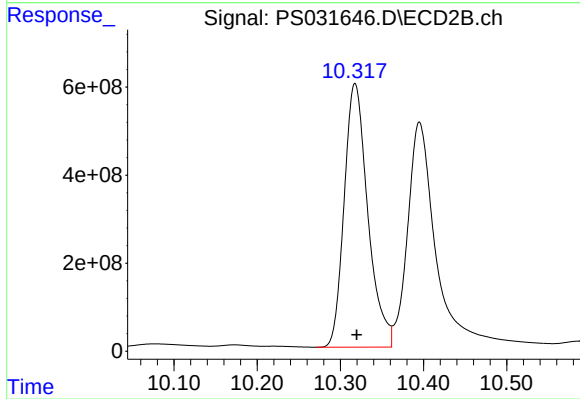
#11 2,4,5-TP (SILVEX)

R.T.: 9.889 min
Delta R.T.: -0.001 min
Response: 13562070300
Conc: 936.79 ng/ml



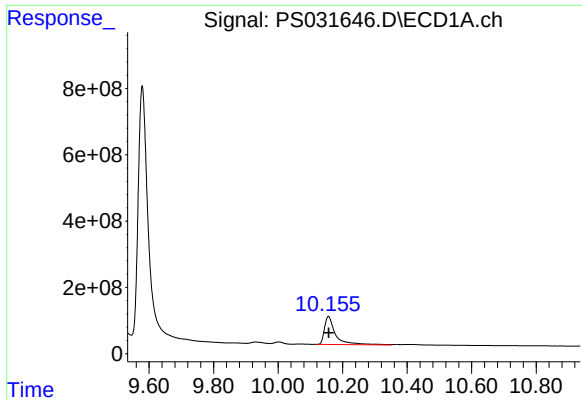
#12 2,4,5-T

R.T.: 9.579 min
Delta R.T.: -0.001 min
Response: 17217167825
Conc: 949.13 ng/ml



#12 2,4,5-T

R.T.: 10.318 min
Delta R.T.: -0.002 min
Response: 11833611787
Conc: 964.68 ng/ml



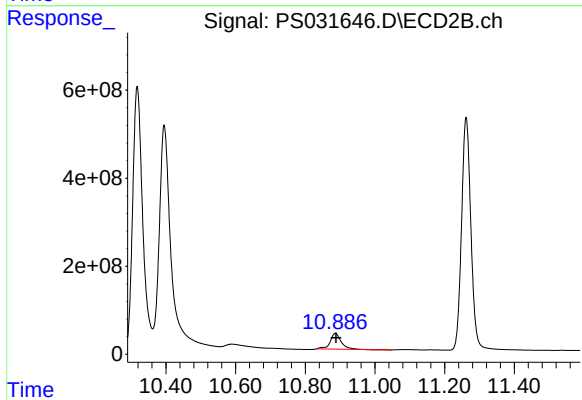
#13 2,4-DB

R.T.: 10.156 min
Delta R.T.: 0.000 min
Response: 2022630905
Conc: 1002.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

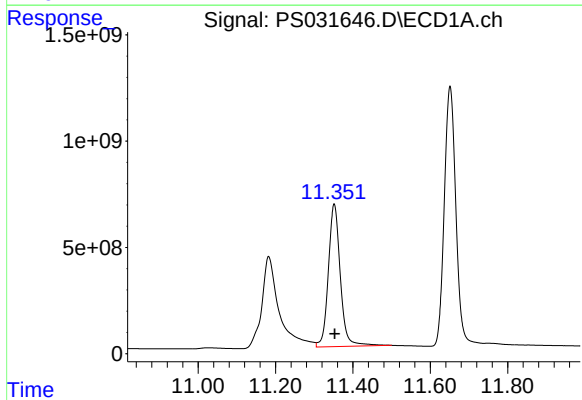
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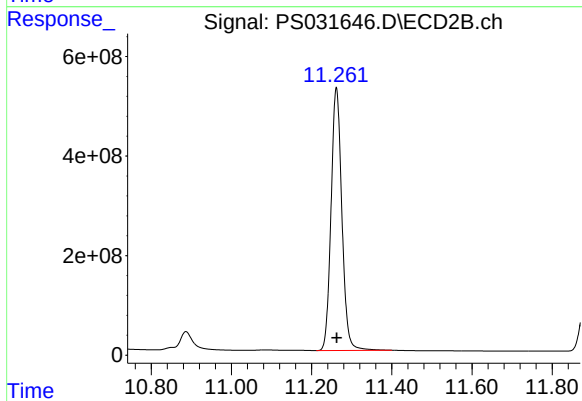
#13 2,4-DB

R.T.: 10.886 min
Delta R.T.: -0.002 min
Response: 781910748
Conc: 950.66 ng/ml



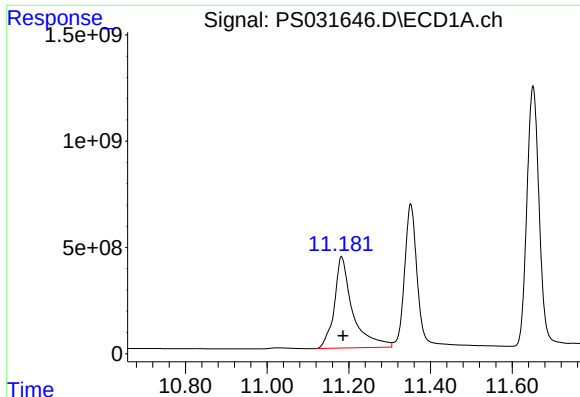
#14 DINOSEB

R.T.: 11.352 min
Delta R.T.: -0.001 min
Response: 14357566429
Conc: 909.05 ng/ml



#14 DINOSEB

R.T.: 11.262 min
Delta R.T.: 0.000 min
Response: 9878804509
Conc: 930.23 ng/ml



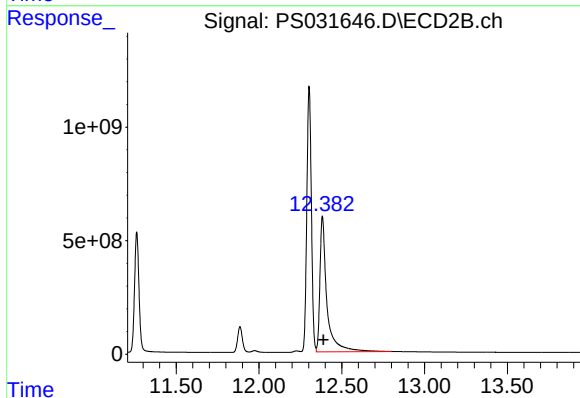
#15 Picloram

R.T.: 11.182 min
Delta R.T.: -0.004 min
Response: 13415183683
Conc: 1022.61 ng/ml

Instrument :
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ClientSampleId :
HSTDICC1000

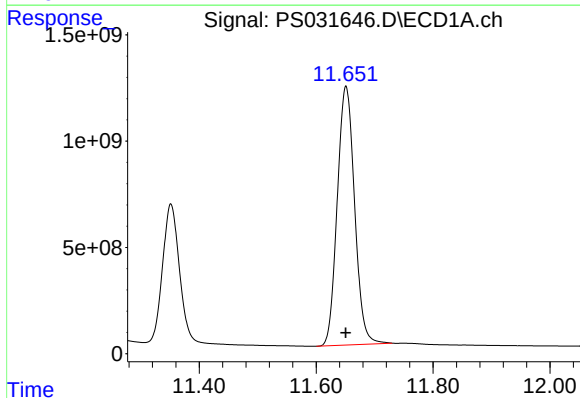
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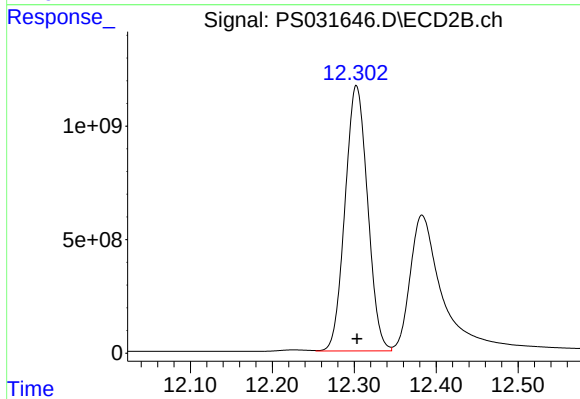
#15 Picloram

R.T.: 12.383 min
Delta R.T.: -0.006 min
Response: 17598935331
Conc: 1027.54 ng/ml



#16 DCPA

R.T.: 11.651 min
Delta R.T.: 0.000 min
Response: 25042915481
Conc: 924.84 ng/ml



#16 DCPA

R.T.: 12.303 min
Delta R.T.: 0.000 min
Response: 22340990877
Conc: 944.43 ng/ml