

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101525\
 Data File : PS032052.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2025 01:56
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

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 03:12:43 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

	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	3564.4E6	888.3E6	747.717	807.327
Target Compounds							
1) T	Dalapon	2.659	2.688	4959.2E6	2521.4E6	641.762	670.883
2) T	3,5-DICHL...	6.446	6.695	4959.9E6	1465.0E6	704.643	702.324
3) T	4-Nitroph...	7.091	7.295	879.4E6	1118.0E6	658.856m	736.771
5) T	DICAMBA	7.462	7.938	14785.4E6	6253.6E6	706.002	722.046
6) T	MCPD	7.642	8.036	910.1E6	184.9E6	74.425	74.484
7) T	MCPA	7.791	8.285	1101.6E6	276.4E6	74.856	73.278
8) T	DICHLORPROP	8.170	8.658	3314.6E6	1390.8E6	697.196	710.243
9) T	2,4-D	8.407	8.999	3533.4E6	1526.2E6	727.648	734.361
10) T	Pentachlo...	8.707	9.507	48818.5E6	39529.4E6	727.337	762.765
11) T	2,4,5-TP ...	9.277	9.891	20250.4E6	14402.8E6	717.032	717.456
12) T	2,4,5-T	9.575	10.321	19034.7E6	12964.2E6	754.022	756.166
13) T	2,4-DB	10.150	10.889	2169.7E6	962.4E6	699.838m	744.812
14) T	DINOSEB	11.344	11.264	15450.2E6	11024.7E6	692.809	725.164
15) T	Picloram	11.176	12.385	19162.7E6	23399.1E6	812.740	702.844
16) T	DCPA	11.643	12.305	26203.9E6	23700.6E6	713.221	713.624

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

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Acq On : 16 Oct 2025 01:56
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

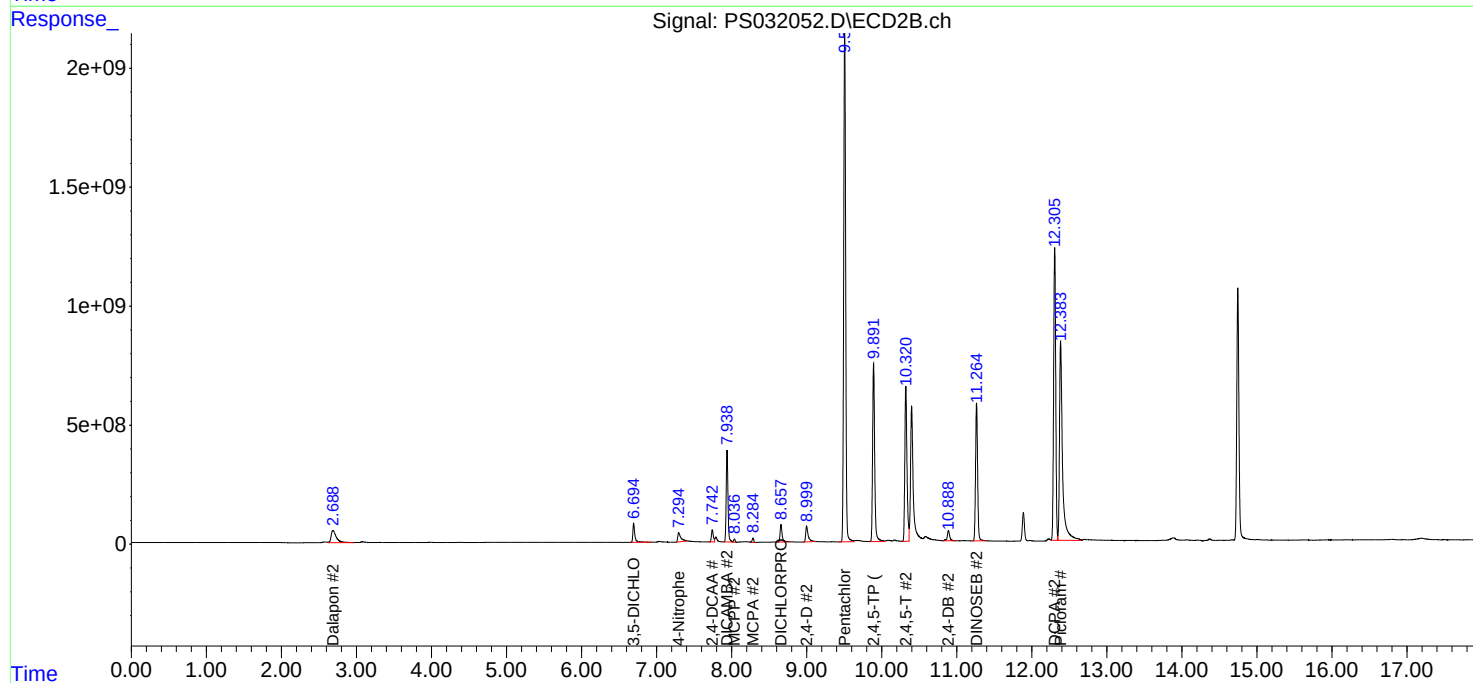
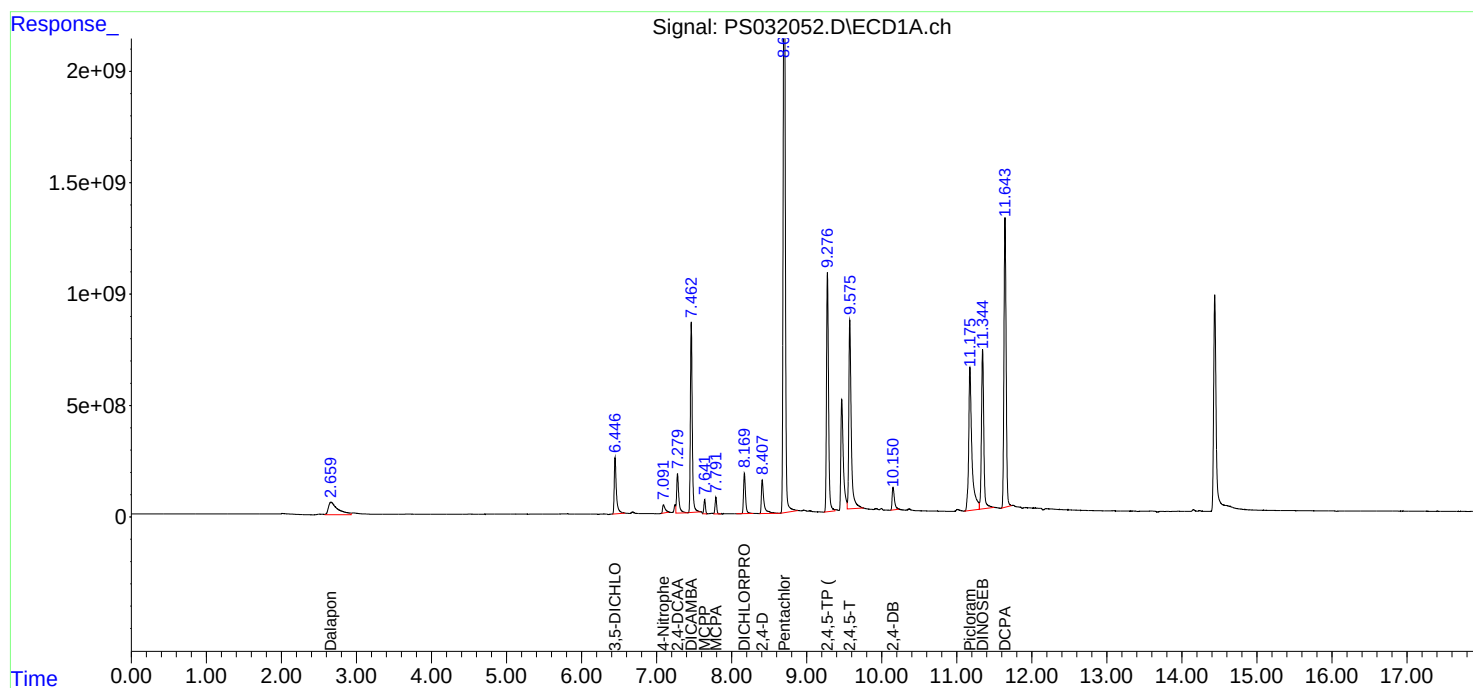
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

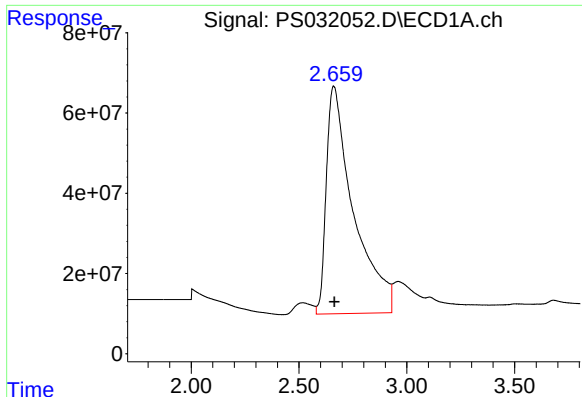
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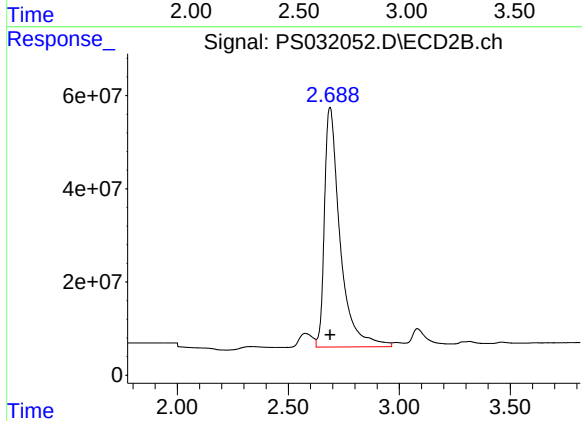
#1 Dalapon

R.T.: 2.659 min
Delta R.T.: -0.006 min
Response: 4959232888
Conc: 641.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

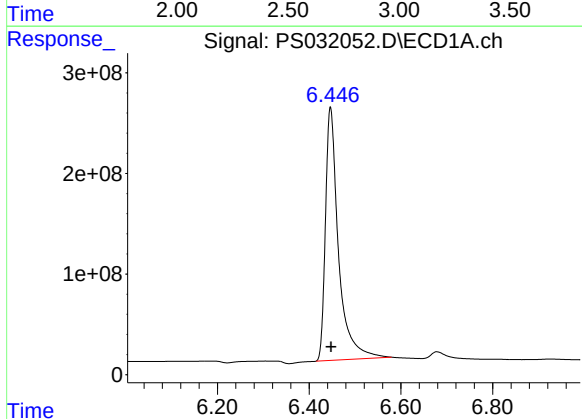
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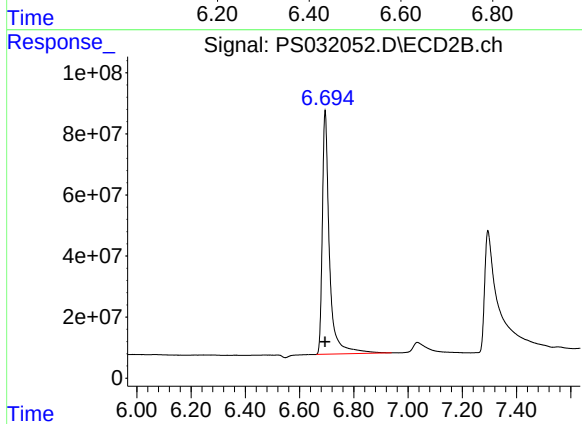
#1 Dalapon

R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 2521359235
Conc: 670.88 ng/ml



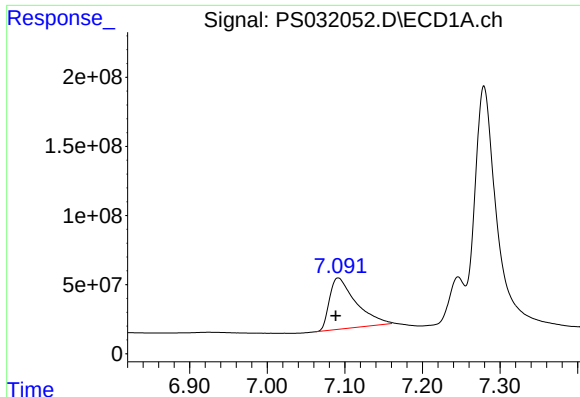
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.446 min
Delta R.T.: -0.001 min
Response: 4959882532
Conc: 704.64 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 1464965465
Conc: 702.32 ng/ml



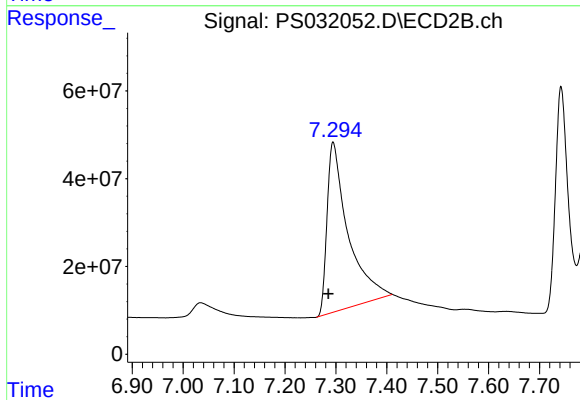
#3 4-Nitrophenol

R.T.: 7.091 min
Delta R.T.: 0.003 min
Response: 879364613
Conc: 658.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

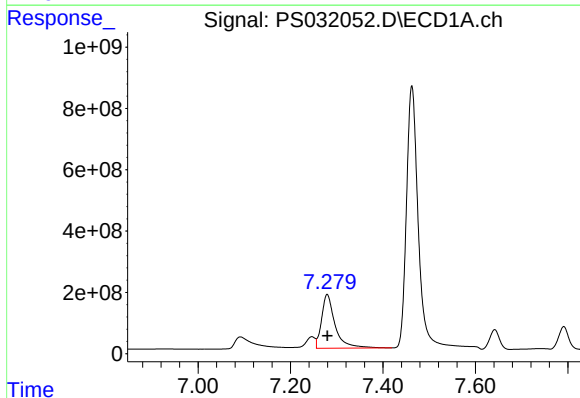
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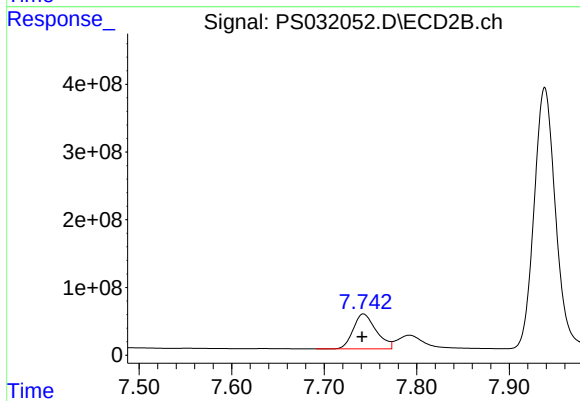
#3 4-Nitrophenol

R.T.: 7.295 min
Delta R.T.: 0.010 min
Response: 1117985112
Conc: 736.77 ng/ml



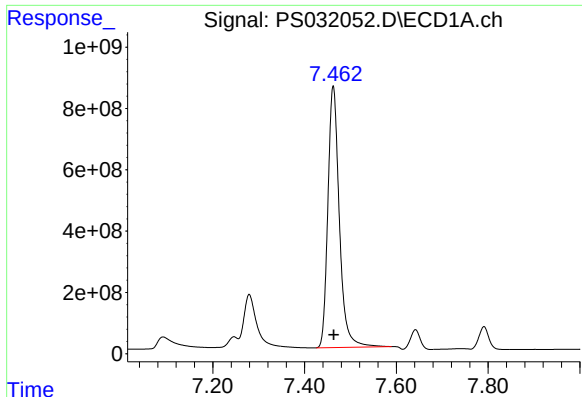
#4 2,4-DCAA

R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 3564392620
Conc: 747.72 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.002 min
Response: 888334401
Conc: 807.33 ng/ml



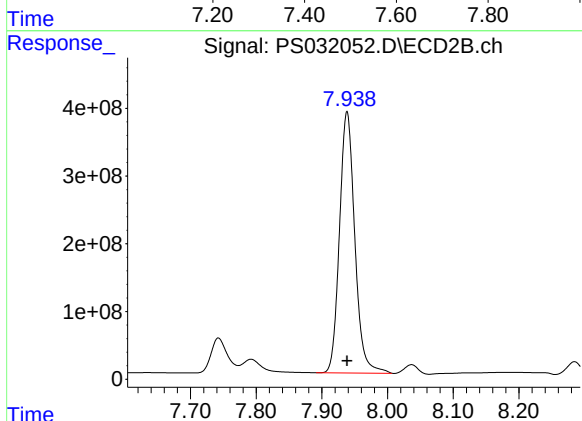
#5 DICAMBA

R.T.: 7.462 min
Delta R.T.: -0.002 min
Response: 14785351881
Conc: 706.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

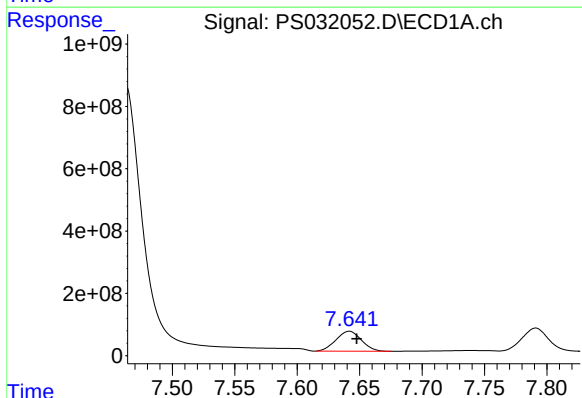
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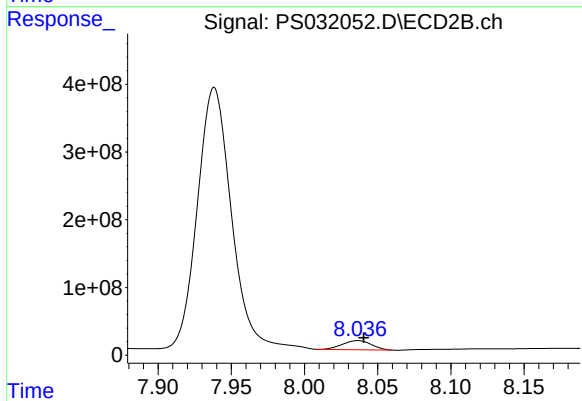
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 6253562044
Conc: 722.05 ng/ml



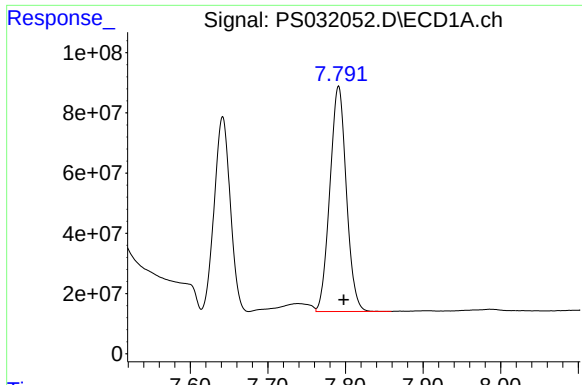
#6 MCP

R.T.: 7.642 min
Delta R.T.: -0.006 min
Response: 910104277
Conc: 74.42 ug/ml



#6 MCP

R.T.: 8.036 min
Delta R.T.: -0.004 min
Response: 184890281
Conc: 74.48 ug/ml



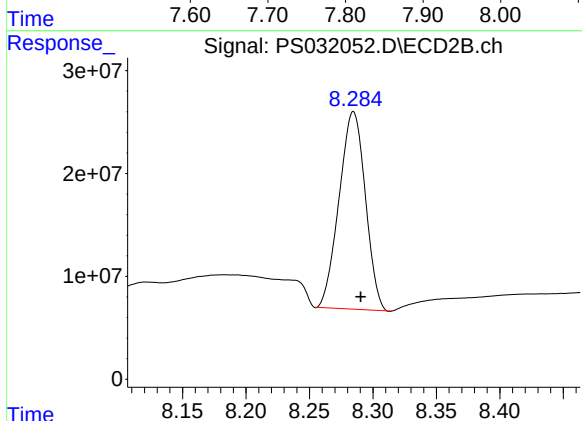
#7 MCPA

R.T.: 7.791 min
Delta R.T.: -0.007 min
Response: 1101592828
Conc: 74.86 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

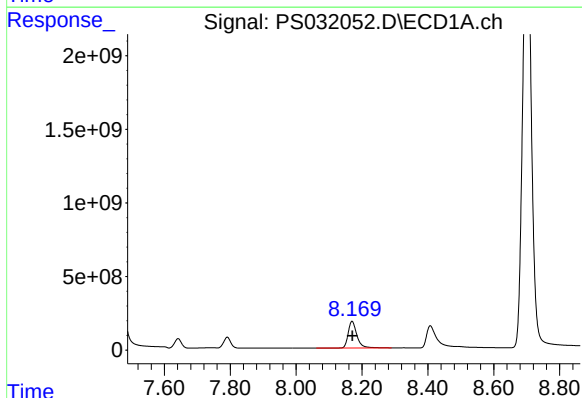
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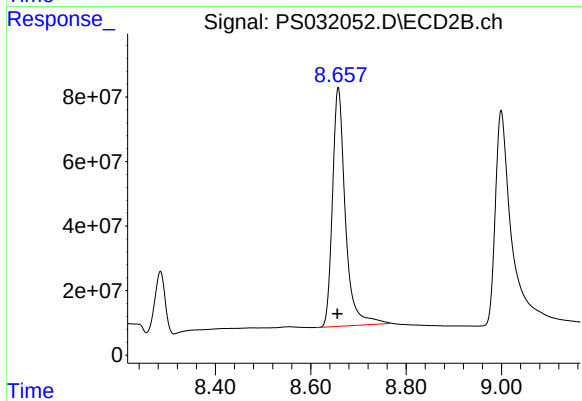
#7 MCPA

R.T.: 8.285 min
Delta R.T.: -0.006 min
Response: 276430106
Conc: 73.28 ug/ml



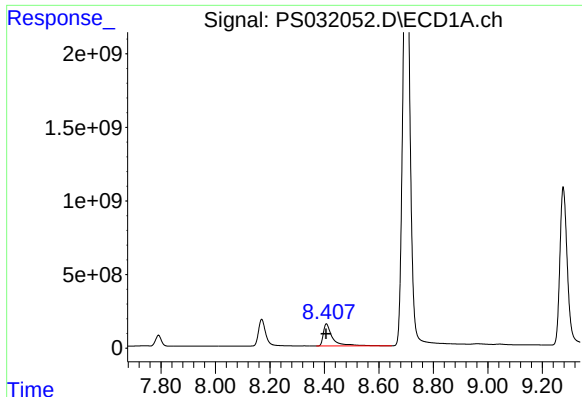
#8 DICHLORPROP

R.T.: 8.170 min
Delta R.T.: 0.000 min
Response: 3314571196
Conc: 697.20 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: 0.002 min
Response: 1390841284
Conc: 710.24 ng/ml



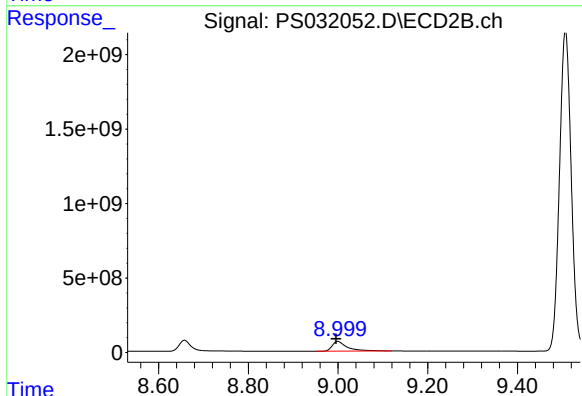
#9 2,4-D

R.T.: 8.407 min
Delta R.T.: 0.000 min
Response: 3533365898
Conc: 727.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

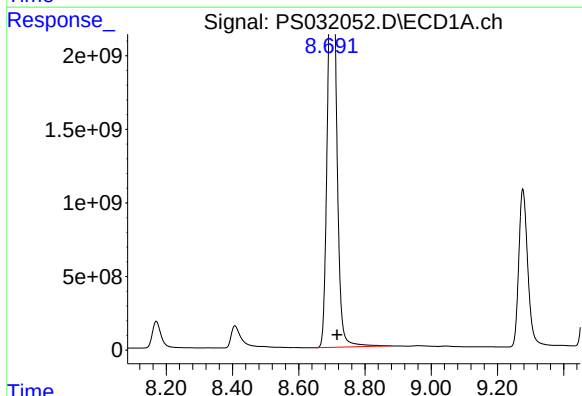
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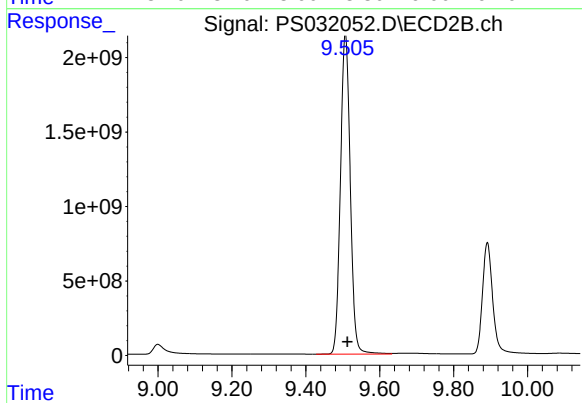
#9 2,4-D

R.T.: 8.999 min
Delta R.T.: 0.004 min
Response: 1526221728
Conc: 734.36 ng/ml



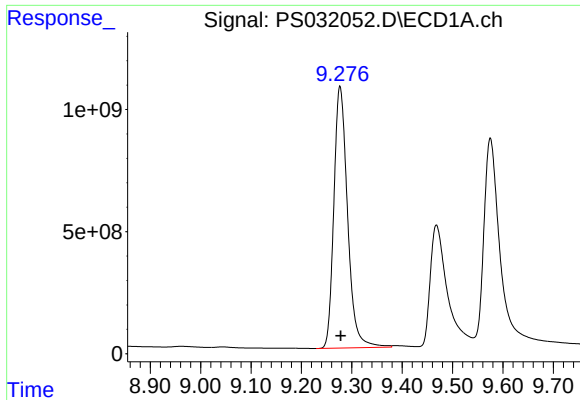
#10 Pentachlorophenol

R.T.: 8.707 min
Delta R.T.: -0.008 min
Response: 48818472910
Conc: 727.34 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.005 min
Response: 39529448955
Conc: 762.77 ng/ml



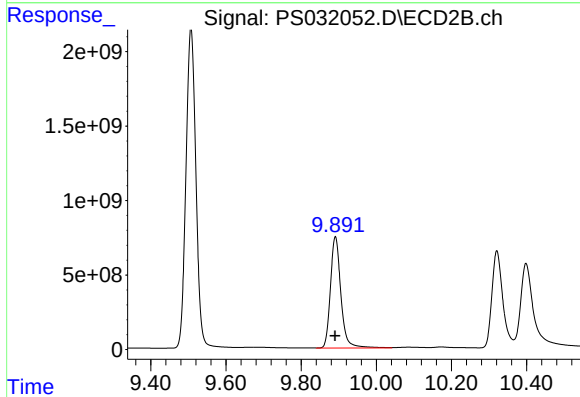
#11 2,4,5-TP (SILVEX)

R.T.: 9.277 min
Delta R.T.: -0.002 min
Response: 20250430164
Conc: 717.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

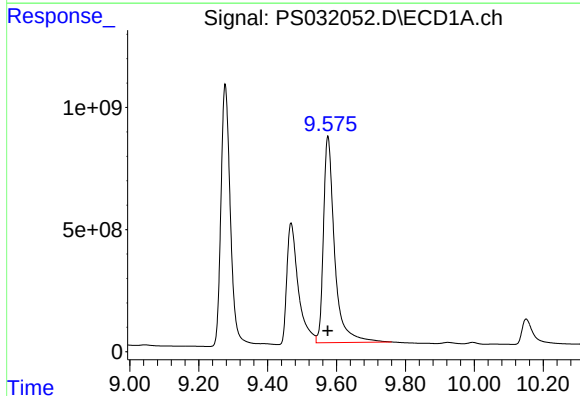
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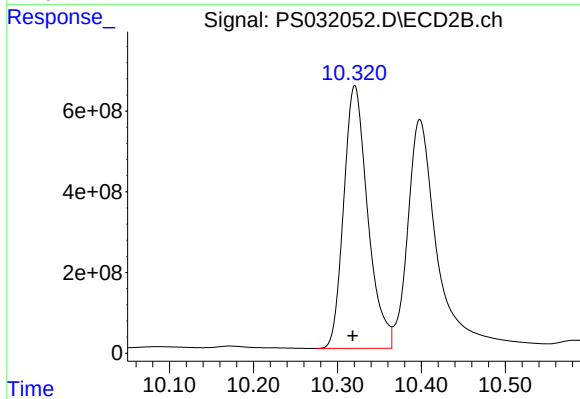
#11 2,4,5-TP (SILVEX)

R.T.: 9.891 min
Delta R.T.: 0.001 min
Response: 14402837267
Conc: 717.46 ng/ml



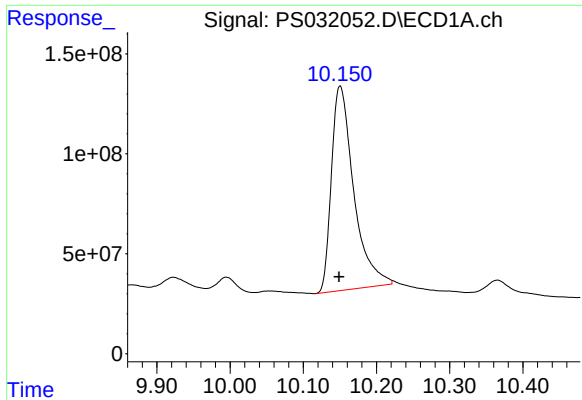
#12 2,4,5-T

R.T.: 9.575 min
Delta R.T.: 0.000 min
Response: 19034739154
Conc: 754.02 ng/ml



#12 2,4,5-T

R.T.: 10.321 min
Delta R.T.: 0.003 min
Response: 12964212181
Conc: 756.17 ng/ml



#13 2,4-DB

R.T.: 10.150 min
Delta R.T.: 0.001 min
Response: 2169719480
Conc: 699.84 ng/ml

Instrument :

ECD_S

ClientSampleId :

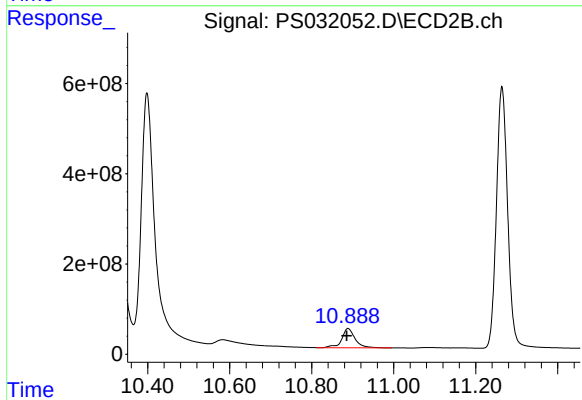
HSTDCCC750

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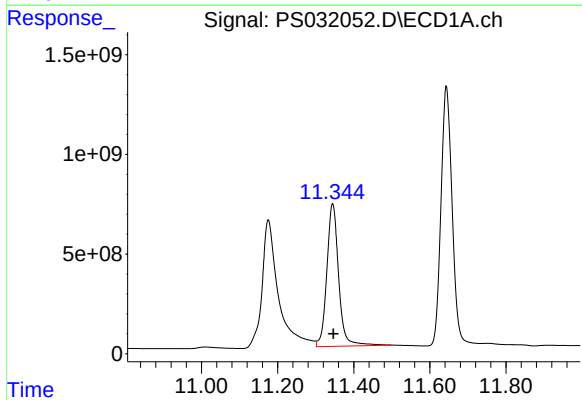
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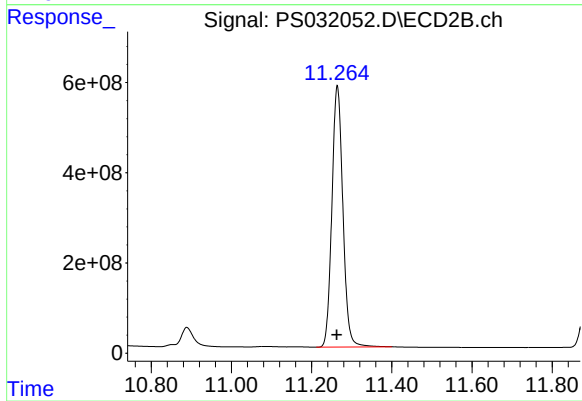
#13 2,4-DB

R.T.: 10.889 min
Delta R.T.: 0.003 min
Response: 962364923
Conc: 744.81 ng/ml



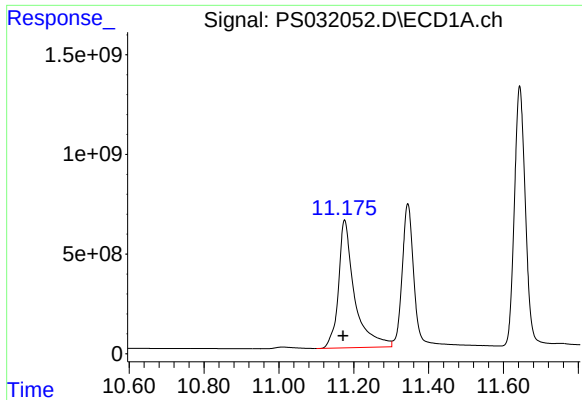
#14 DINOSEB

R.T.: 11.344 min
Delta R.T.: -0.002 min
Response: 15450241199
Conc: 692.81 ng/ml



#14 DINOSEB

R.T.: 11.264 min
Delta R.T.: 0.001 min
Response: 11024726703
Conc: 725.16 ng/ml



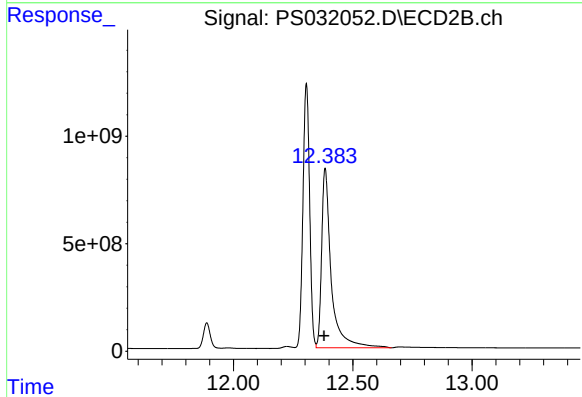
#15 Picloram

R.T.: 11.176 min
Delta R.T.: 0.004 min
Response: 19162665192
Conc: 812.74 ng/ml

Instrument :
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HSTDCCC750

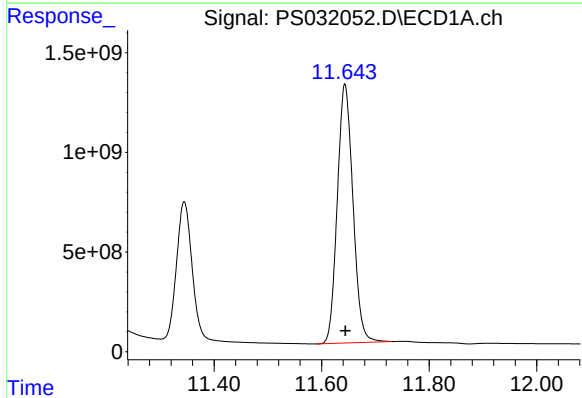
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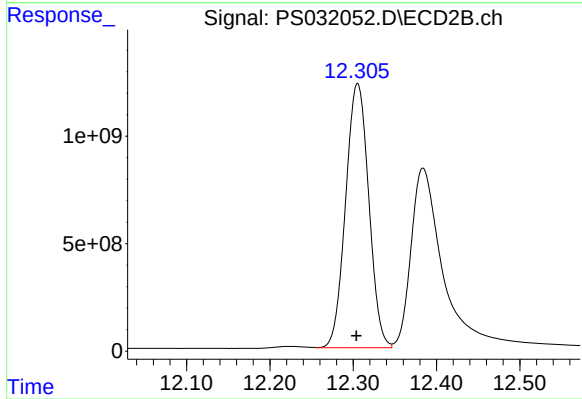
#15 Picloram

R.T.: 12.385 min
Delta R.T.: 0.005 min
Response: 23399099123
Conc: 702.84 ng/ml



#16 DCPA

R.T.: 11.643 min
Delta R.T.: -0.001 min
Response: 26203908240
Conc: 713.22 ng/ml



#16 DCPA

R.T.: 12.305 min
Delta R.T.: 0.001 min
Response: 23700630521
Conc: 713.62 ng/ml