

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080425\
 Data File : PS031353.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2025 10:10
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/05/2025
 Supervised By :mohammad ahmed 08/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 01:44:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 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	7.302	7.754	2304.2E6	578.1E6	790.882	692.254
Target Compounds							
1) T	Dalapon	2.681	2.698	3217.4E6	1546.8E6	666.870	629.750
2) T	3,5-DICHL...	6.467	6.703	3103.0E6	850.1E6	727.904m	657.857
3) T	4-Nitroph...	7.103	7.294	818.4E6	819.8E6	803.750	635.021
5) T	DICAMBA	7.489	7.953	9277.8E6	3568.9E6	718.059m	658.366m
6) T	MCPD	7.669	8.052	607.2E6	126.8E6	75.492m	74.160m
7) T	MCPA	7.819	8.301	731.5E6	181.2E6	74.823	69.836
8) T	DICHLORPROP	8.198	8.672	2167.2E6	838.0E6	712.888	644.593
9) T	2,4-D	8.431	9.011	2044.1E6	916.4E6	788.225	656.662
10) T	Pentachlo...	8.731	9.526	35816.3E6	23466.3E6	787.539m	700.562
11) T	2,4,5-TP ...	9.310	9.911	12953.3E6	8532.7E6	777.451	671.720
12) T	2,4,5-T	9.604	10.339	11246.6E6	7805.0E6	845.565	669.112
13) T	2,4-DB	10.181	10.907	1429.8E6	620.2E6	818.290m	642.161
14) T	DINOSEB	11.386	11.287	8725.0E6	5947.3E6	761.111	636.765
15) T	Picloram	11.206	12.404	9247.8E6	11305.6E6	789.758m	661.342
16) T	DCPA	11.685	12.329	16980.7E6	13312.3E6	818.894m	713.730m

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

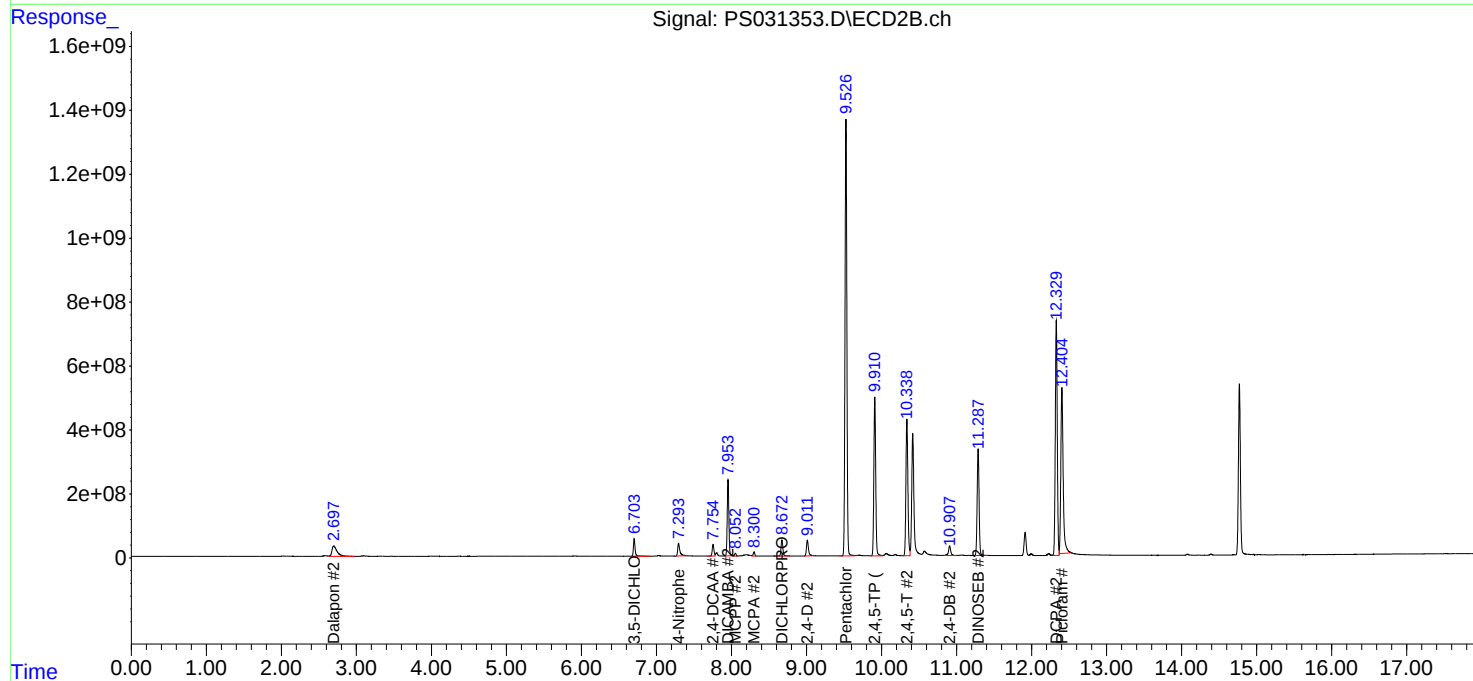
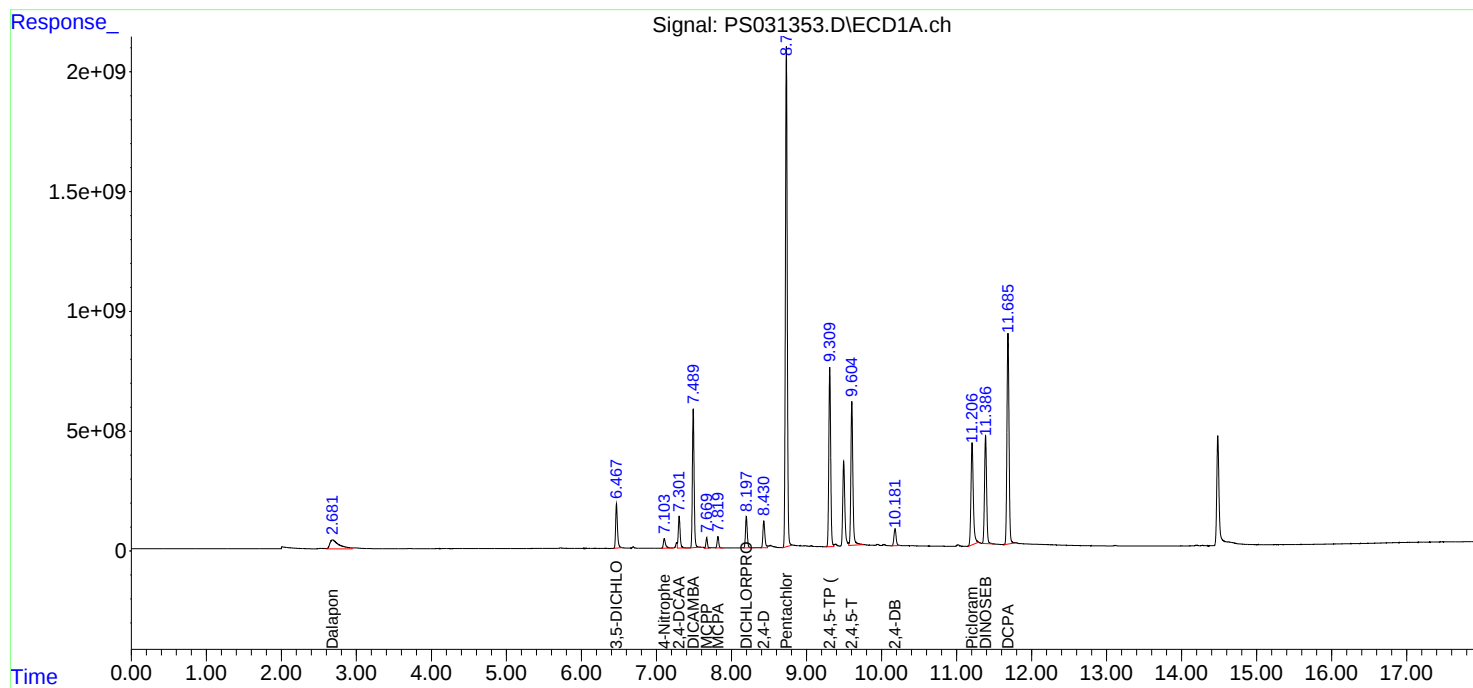
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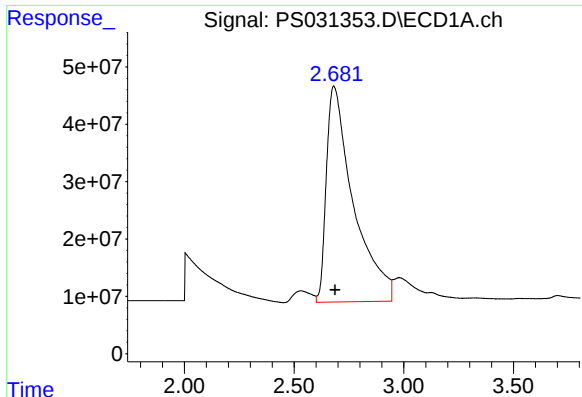
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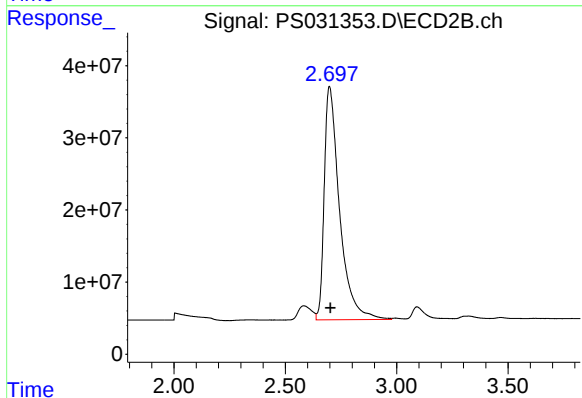
#1 Dalapon

R.T.: 2.681 min
Delta R.T.: -0.006 min
Response: 3217355351
Conc: 666.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

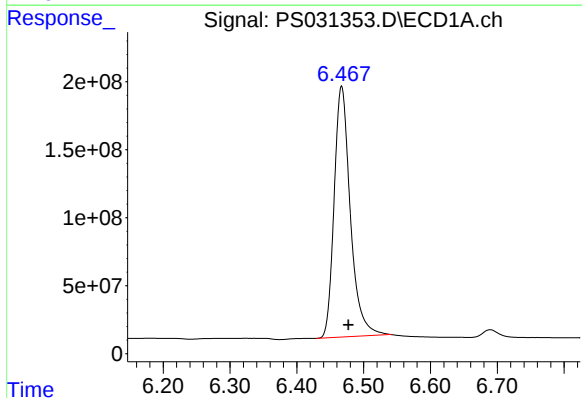
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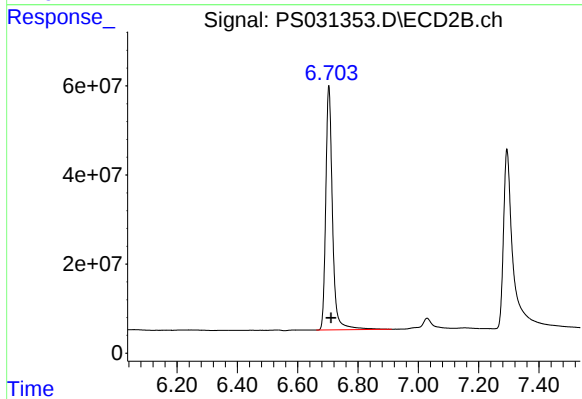
#1 Dalapon

R.T.: 2.698 min
Delta R.T.: -0.005 min
Response: 1546782140
Conc: 629.75 ng/ml



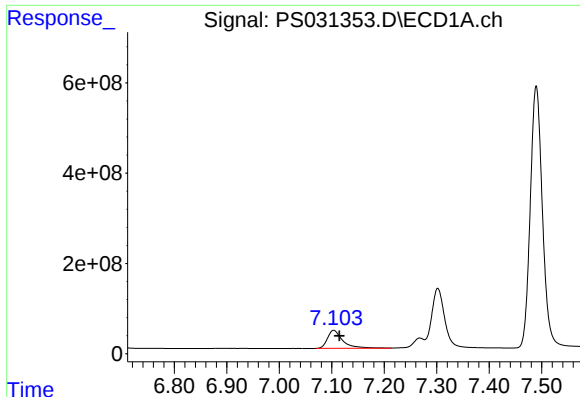
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.467 min
Delta R.T.: -0.010 min
Response: 3103007111
Conc: 727.90 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.703 min
Delta R.T.: -0.008 min
Response: 850129728
Conc: 657.86 ng/ml



#3 4-Nitrophenol

R.T.: 7.103 min
Delta R.T.: -0.011 min
Response: 818378797
Conc: 803.75 ng/ml

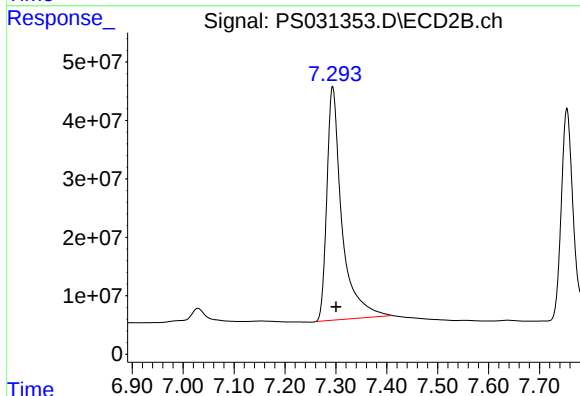
Instrument :

ECD_S

ClientSampleId :
HSTDCCC750

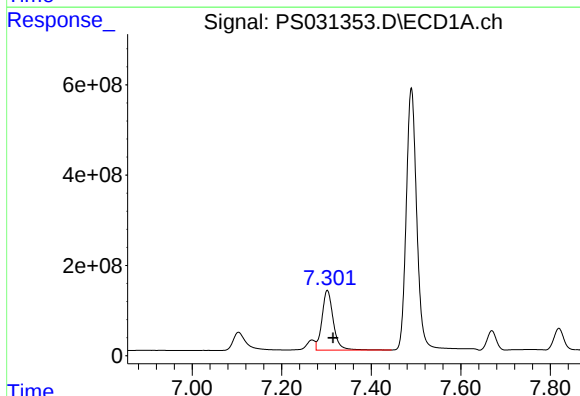
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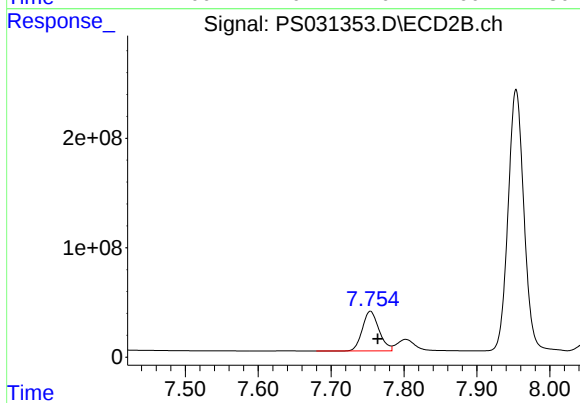
#3 4-Nitrophenol

R.T.: 7.294 min
Delta R.T.: -0.006 min
Response: 819756636
Conc: 635.02 ng/ml



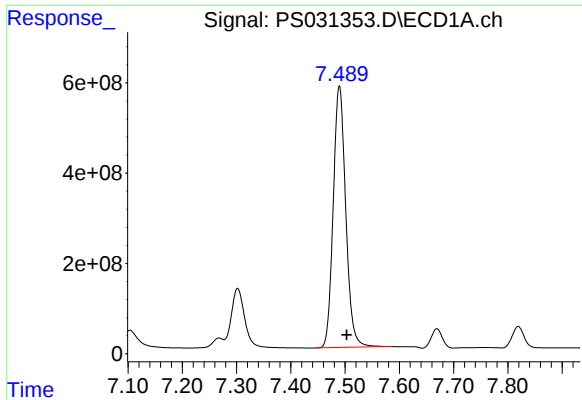
#4 2,4-DCAA

R.T.: 7.302 min
Delta R.T.: -0.013 min
Response: 2304160196
Conc: 790.88 ng/ml



#4 2,4-DCAA

R.T.: 7.754 min
Delta R.T.: -0.010 min
Response: 578088608
Conc: 692.25 ng/ml



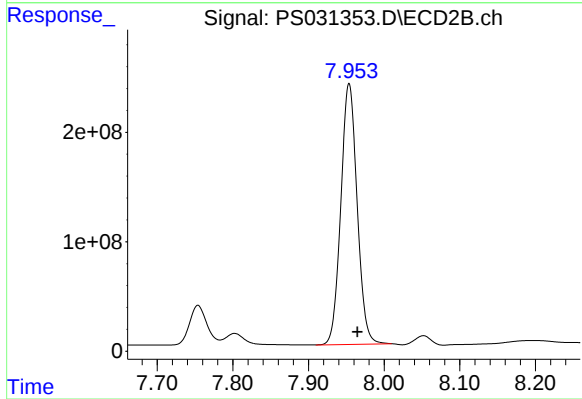
#5 DICAMBA

R.T.: 7.489 min
Delta R.T.: -0.014 min
Response: 9277750634
Conc: 718.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

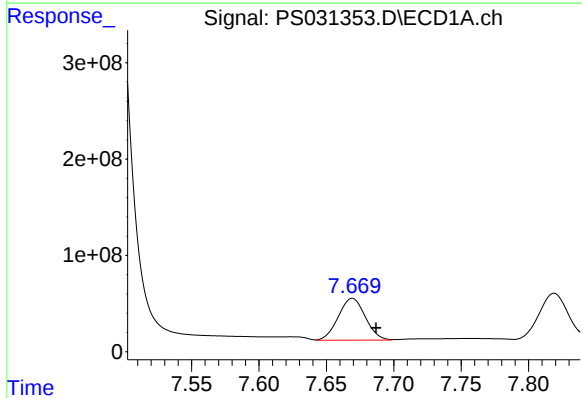
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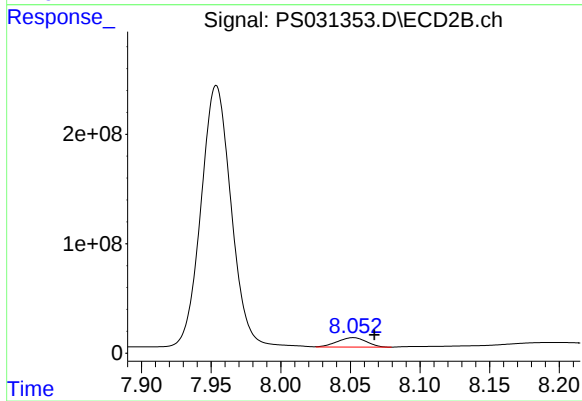
#5 DICAMBA

R.T.: 7.953 min
Delta R.T.: -0.011 min
Response: 3568899268
Conc: 658.37 ng/ml m



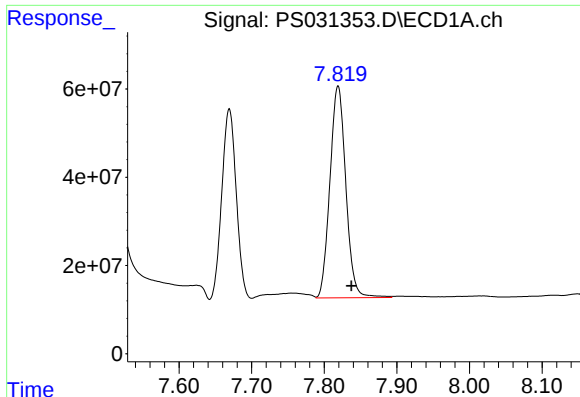
#6 MCP

R.T.: 7.669 min
Delta R.T.: -0.018 min
Response: 607160224
Conc: 75.49 ug/ml m



#6 MCP

R.T.: 8.052 min
Delta R.T.: -0.016 min
Response: 126767164
Conc: 74.16 ug/ml m



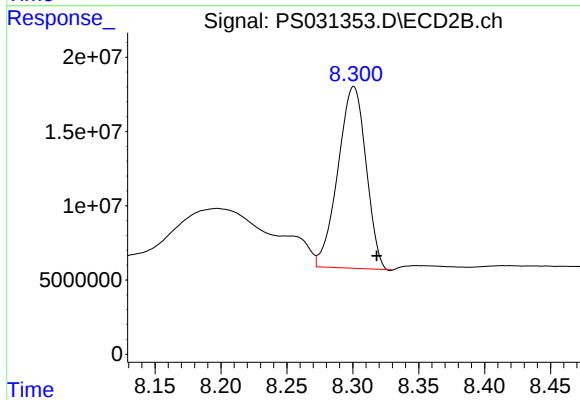
#7 MCPA

R.T.: 7.819 min
Delta R.T.: -0.018 min
Response: 731463975
Conc: 74.82 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

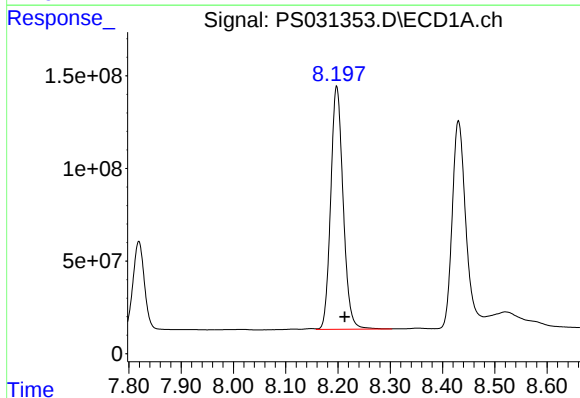
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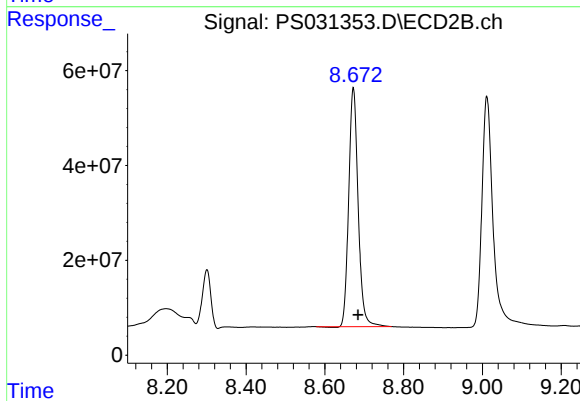
#7 MCPA

R.T.: 8.301 min
Delta R.T.: -0.018 min
Response: 181152560
Conc: 69.84 ug/ml



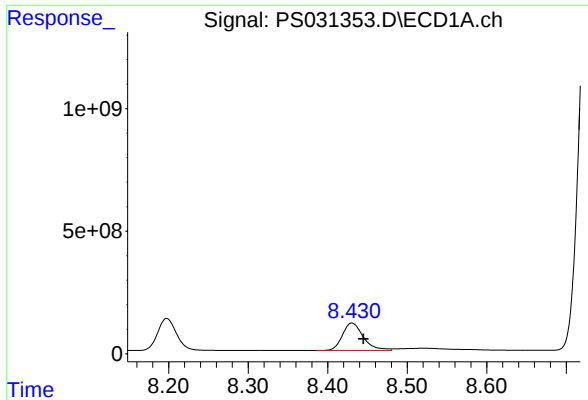
#8 DICHLORPROP

R.T.: 8.198 min
Delta R.T.: -0.015 min
Response: 2167188673
Conc: 712.89 ng/ml



#8 DICHLORPROP

R.T.: 8.672 min
Delta R.T.: -0.012 min
Response: 838008739
Conc: 644.59 ng/ml



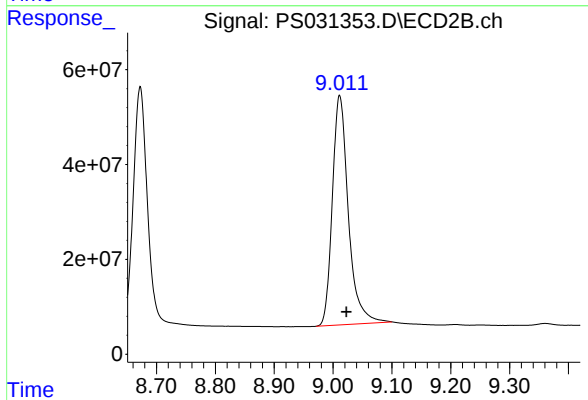
#9 2,4-D

R.T.: 8.431 min
Delta R.T.: -0.014 min
Response: 2044135998
Conc: 788.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

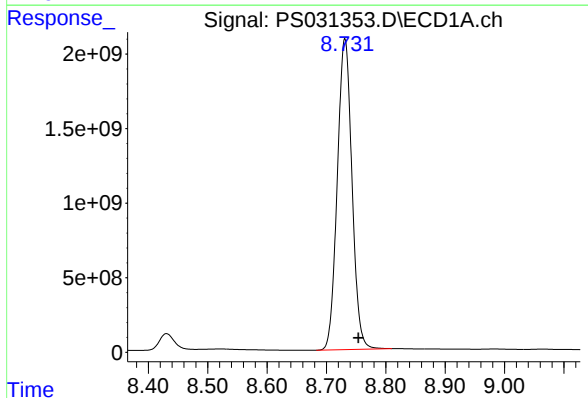
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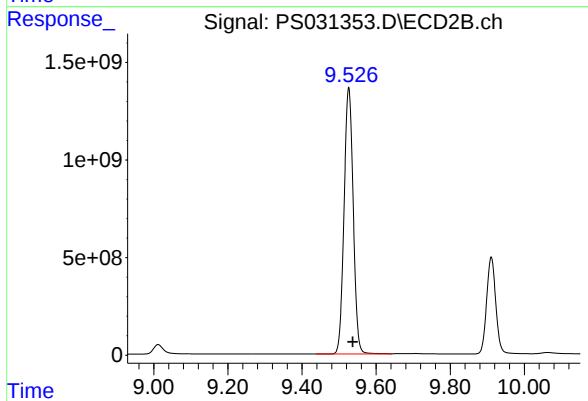
#9 2,4-D

R.T.: 9.011 min
Delta R.T.: -0.012 min
Response: 916391755
Conc: 656.66 ng/ml



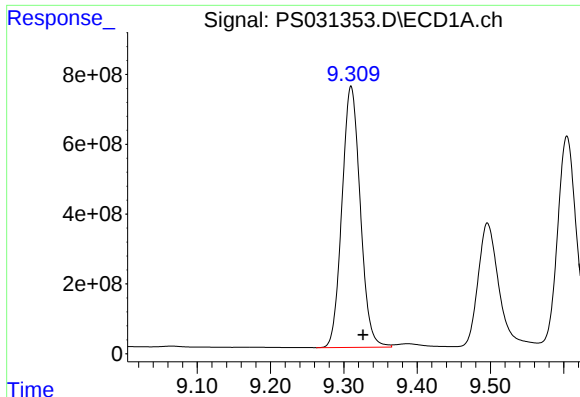
#10 Pentachlorophenol

R.T.: 8.731 min
Delta R.T.: -0.023 min
Response: 35816281818
Conc: 787.54 ng/ml m



#10 Pentachlorophenol

R.T.: 9.526 min
Delta R.T.: -0.011 min
Response: 23466296490
Conc: 700.56 ng/ml



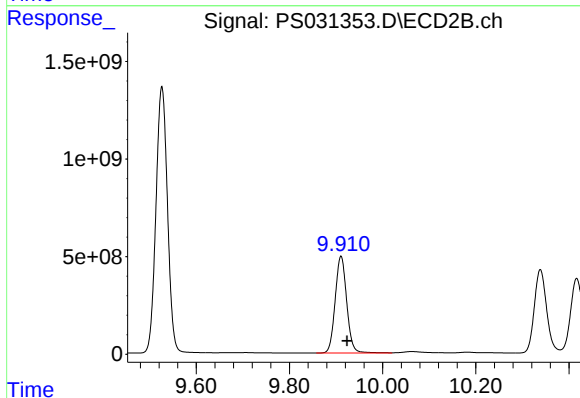
#11 2,4,5-TP (SILVEX)

R.T.: 9.310 min
Delta R.T.: -0.016 min
Response: 12953318276
Conc: 777.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

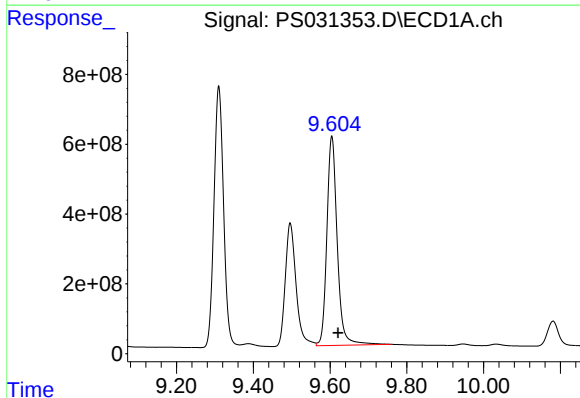
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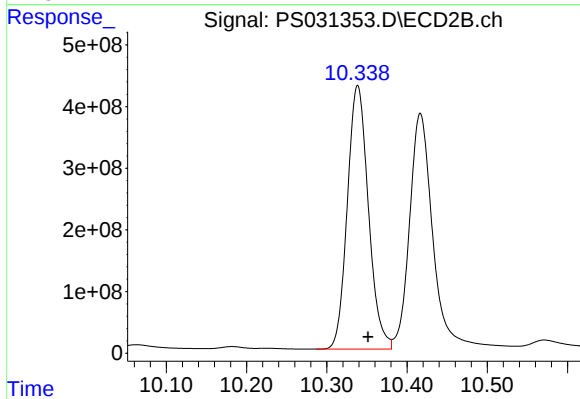
#11 2,4,5-TP (SILVEX)

R.T.: 9.911 min
Delta R.T.: -0.013 min
Response: 8532729309
Conc: 671.72 ng/ml



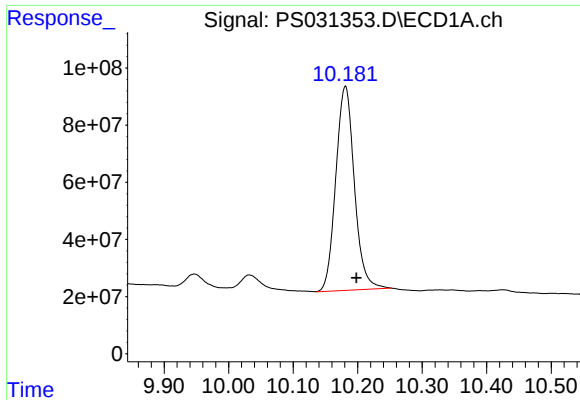
#12 2,4,5-T

R.T.: 9.604 min
Delta R.T.: -0.016 min
Response: 11246629278
Conc: 845.56 ng/ml



#12 2,4,5-T

R.T.: 10.339 min
Delta R.T.: -0.013 min
Response: 7804963088
Conc: 669.11 ng/ml



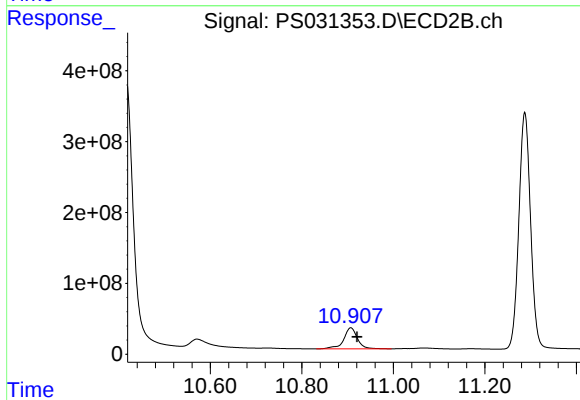
#13 2,4-DB

R.T.: 10.181 min
Delta R.T.: -0.017 min
Response: 1429760498
Conc: 818.29 ng/ml

Instrument :
ECD_S
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HSTDCCC750

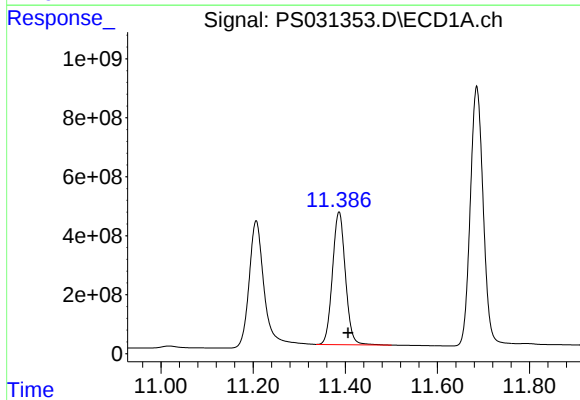
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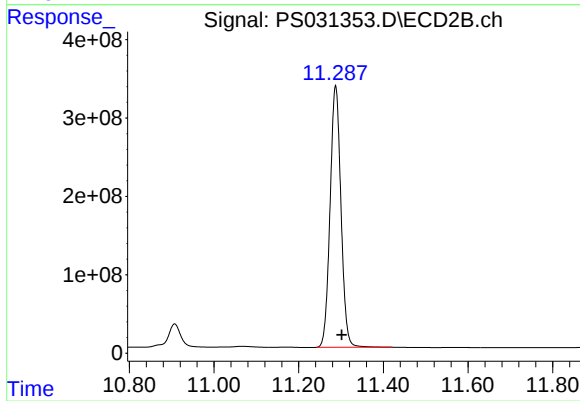
#13 2,4-DB

R.T.: 10.907 min
Delta R.T.: -0.014 min
Response: 620234855
Conc: 642.16 ng/ml



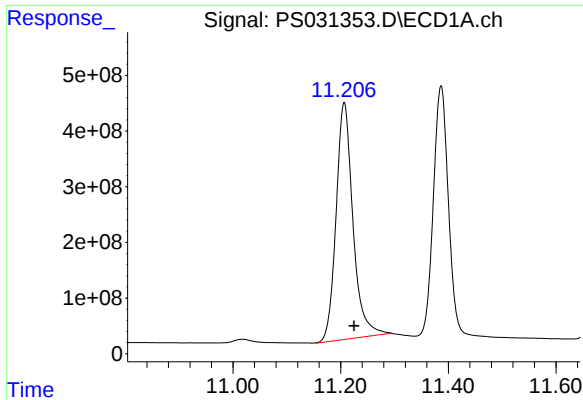
#14 DINOSEB

R.T.: 11.386 min
Delta R.T.: -0.020 min
Response: 8725030902
Conc: 761.11 ng/ml



#14 DINOSEB

R.T.: 11.287 min
Delta R.T.: -0.015 min
Response: 5947339918
Conc: 636.76 ng/ml



#15 Picloram

R.T.: 11.206 min
Delta R.T.: -0.019 min
Response: 9247768135
Conc: 789.76 ng/ml

Instrument :

ECD_S

ClientSampleId :

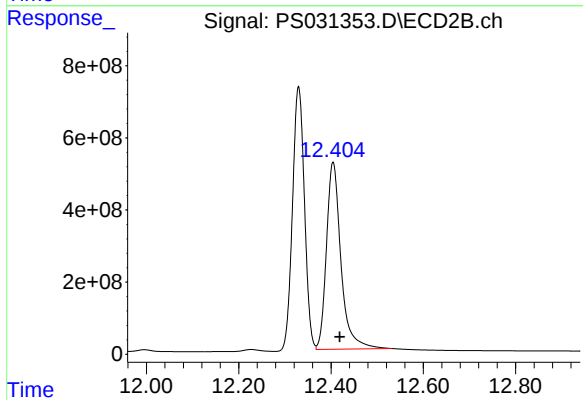
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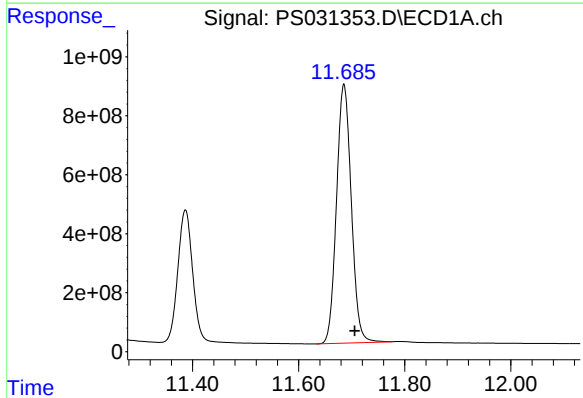
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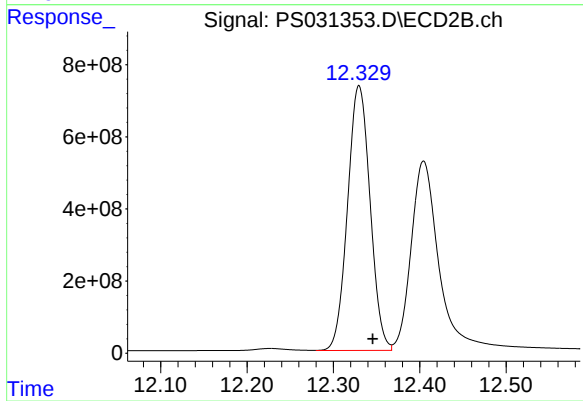
#15 Picloram

R.T.: 12.404 min
Delta R.T.: -0.014 min
Response: 11305593335
Conc: 661.34 ng/ml



#16 DCPA

R.T.: 11.685 min
Delta R.T.: -0.021 min
Response: 16980684187
Conc: 818.89 ng/ml m



#16 DCPA

R.T.: 12.329 min
Delta R.T.: -0.016 min
Response: 13312328493
Conc: 713.73 ng/ml m