

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101725\
 Data File : PS032091.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 23:05
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/19/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 18 01:46:14 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	7.280	7.743	3680.0E6	892.9E6	771.963	811.463
Target Compounds							
1) T	Dalapon	2.660	2.688	4922.9E6	2532.3E6	637.064	673.782
2) T	3,5-DICHL...	6.447	6.696	5091.6E6	1505.0E6	723.354	721.523
3) T	4-Nitroph...	7.094	7.299	1012.2E6	1070.3E6	758.389m	705.341
5) T	DICAMBA	7.462	7.938	15272.2E6	6428.4E6	729.250	742.237
6) T	MCPD	7.641	8.036	930.9E6	191.7E6	76.122	77.227
7) T	MCPA	7.791	8.284	1130.7E6	286.6E6	76.835	75.964
8) T	DICHLORPROP	8.170	8.658	3314.9E6	1421.2E6	697.271m	725.753
9) T	2,4-D	8.408	9.001	3344.0E6	1539.3E6	688.647m	740.656
10) T	Pentachlo...	8.707	9.507	49225.8E6	40530.3E6	733.406	782.077
11) T	2,4,5-TP ...	9.279	9.891	20770.7E6	14887.5E6	735.453	741.597
12) T	2,4,5-T	9.576	10.321	19488.4E6	13109.8E6	771.991	764.659
13) T	2,4-DB	10.152	10.889	2248.0E6	936.9E6	725.073m	725.132
14) T	DINOSEB	11.343	11.263	15886.0E6	11380.9E6	712.350	748.593
15) T	Picloram	11.180	12.388	16335.4E6	20990.7E6	692.827	630.502
16) T	DCPA	11.643	12.304	26727.3E6	24173.9E6	727.467	727.874

(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

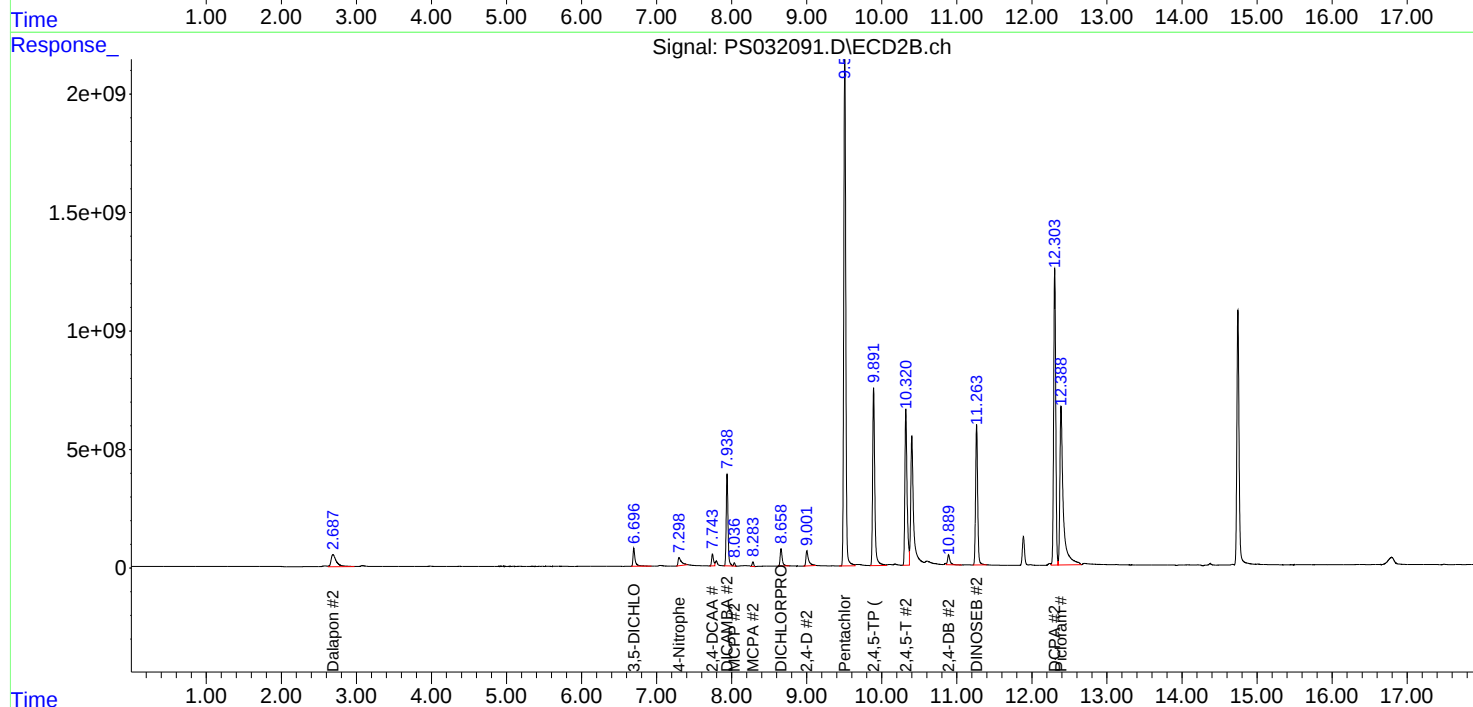
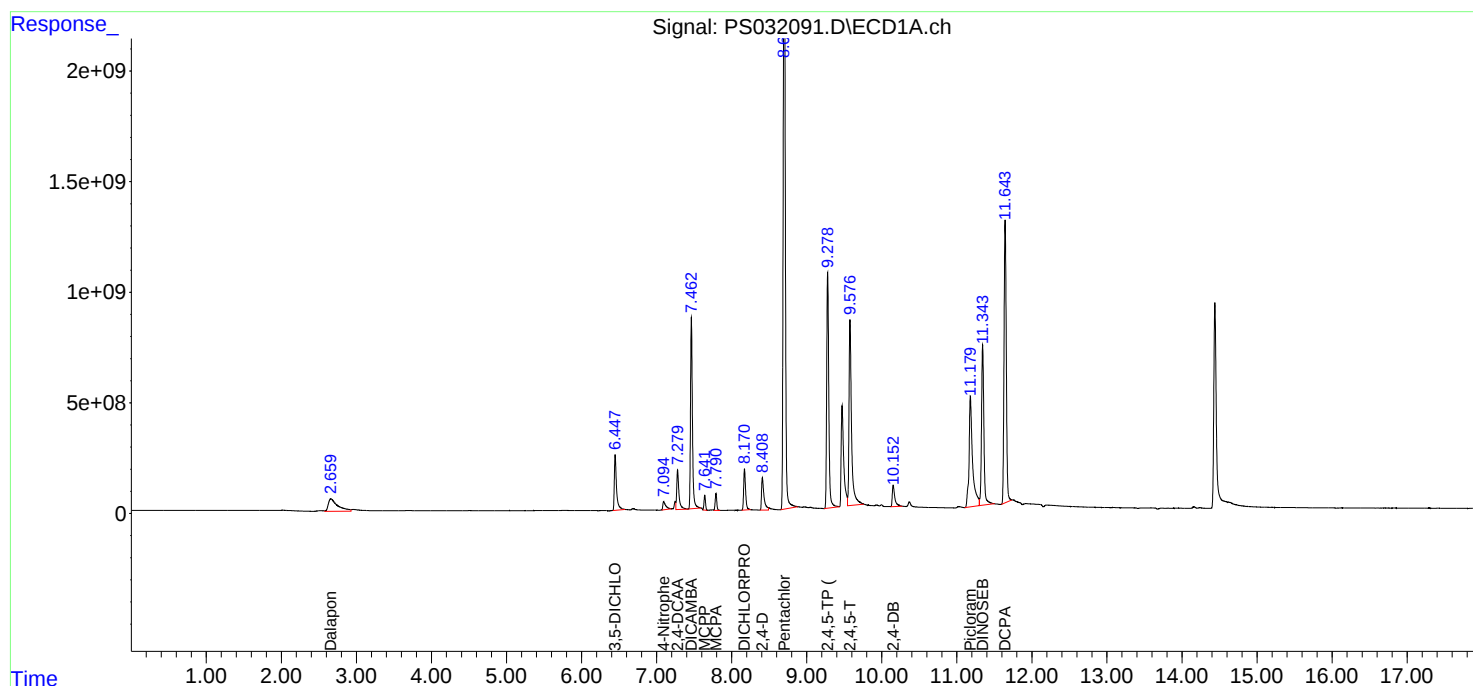
Instrument :
ECD_S
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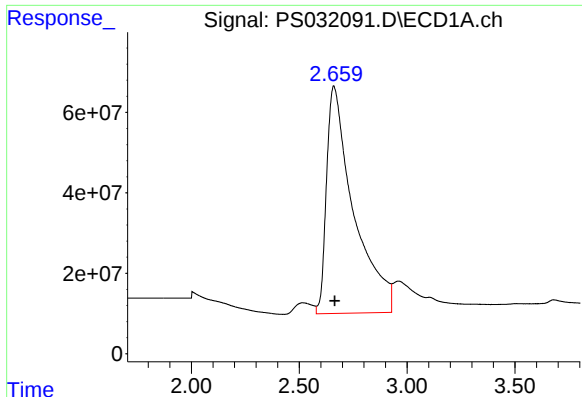
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#1 Dalapon

R.T.: 2.660 min
Delta R.T.: -0.005 min
Response: 4922933189
Conc: 637.06 ng/ml

Instrument :

ECD_S

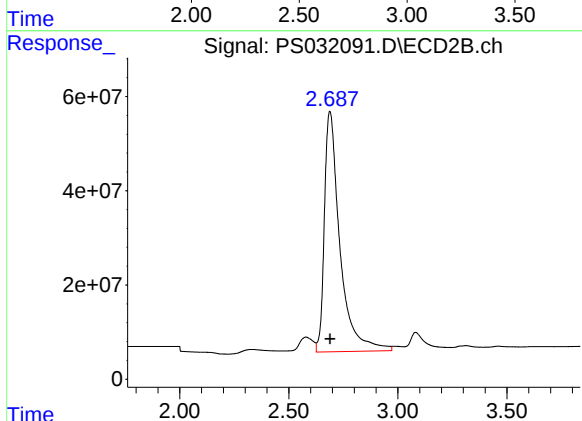
ClientSampleId :

HSTDCCC750

Manual Integrations

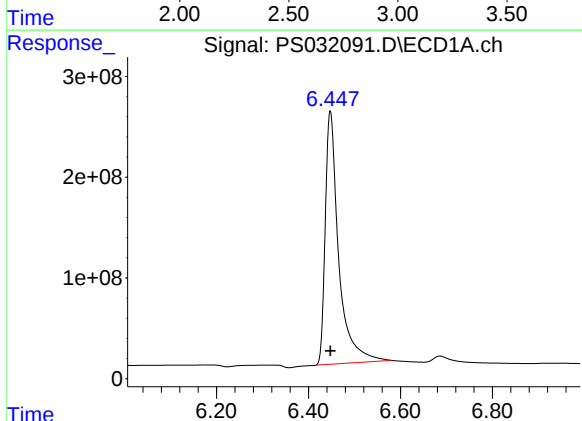
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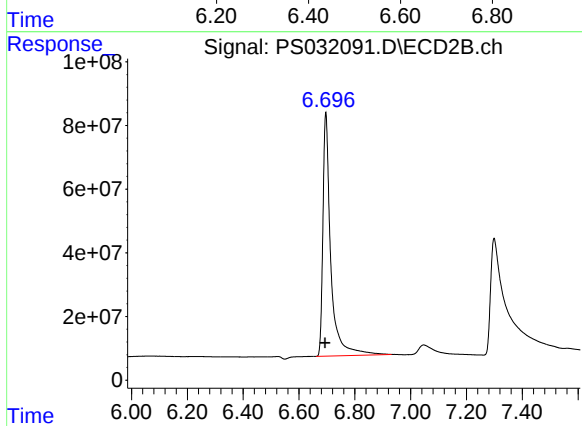
#1 Dalapon

R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 2532253711
Conc: 673.78 ng/ml



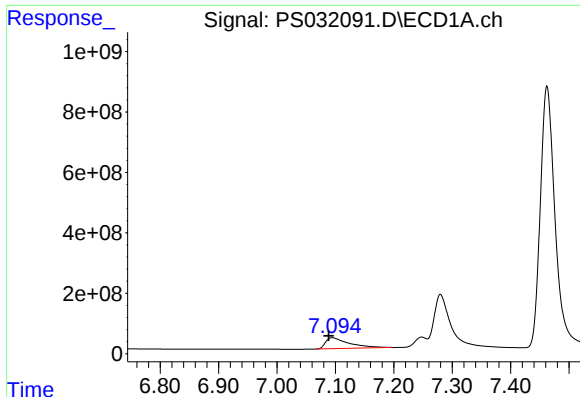
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.447 min
Delta R.T.: 0.000 min
Response: 5091586788
Conc: 723.35 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: 0.003 min
Response: 1505011218
Conc: 721.52 ng/ml



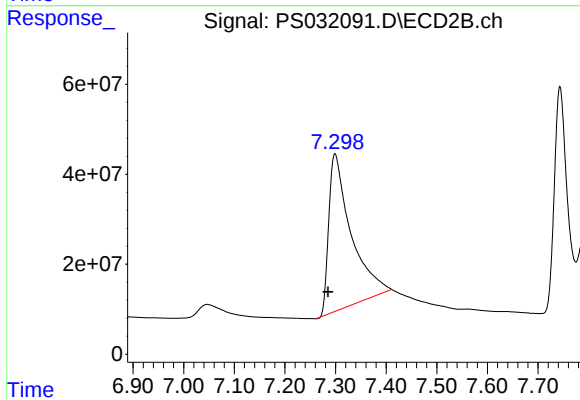
#3 4-Nitrophenol

R.T.: 7.094 min
Delta R.T.: 0.006 min
Response: 1012209118
Conc: 758.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

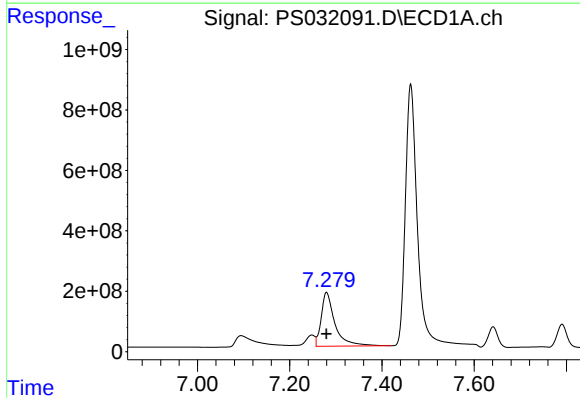
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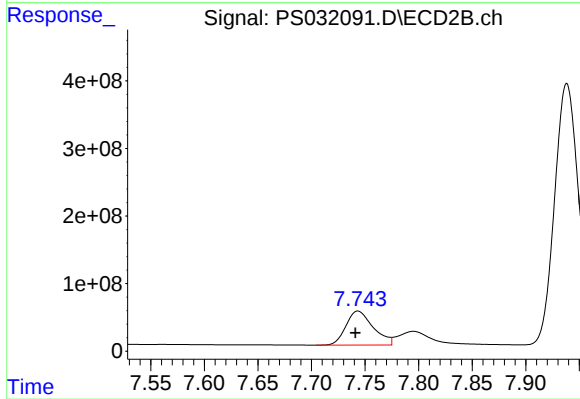
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.014 min
Response: 1070292537
Conc: 705.34 ng/ml



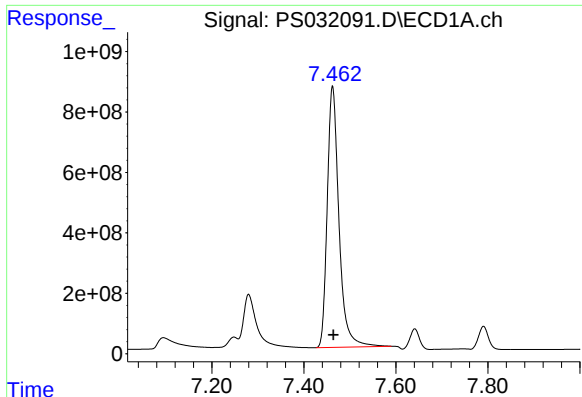
#4 2,4-DCAA

R.T.: 7.280 min
Delta R.T.: 0.000 min
Response: 3679975571
Conc: 771.96 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.002 min
Response: 892885785
Conc: 811.46 ng/ml



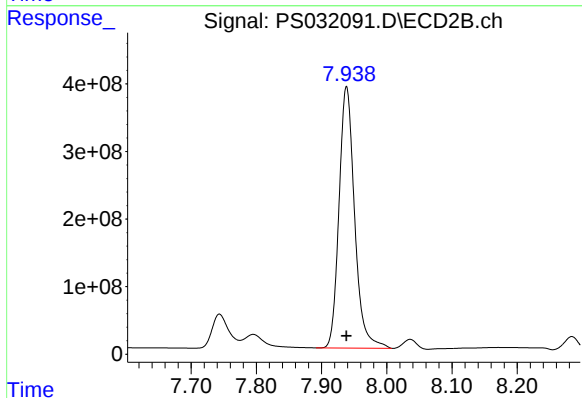
#5 DICAMBA

R.T.: 7.462 min
Delta R.T.: -0.002 min
Response: 15272216854
Conc: 729.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

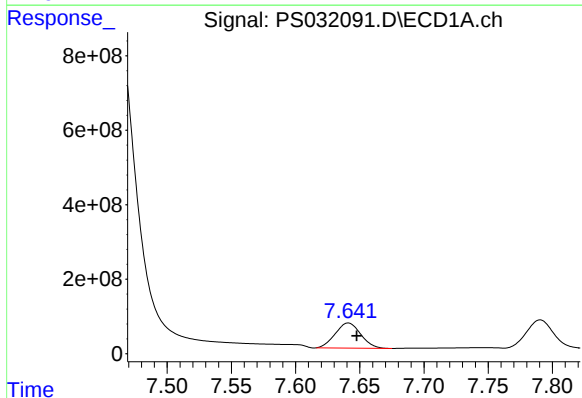
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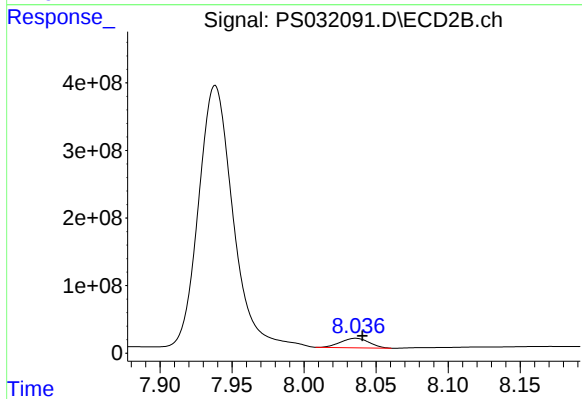
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 6428427098
Conc: 742.24 ng/ml



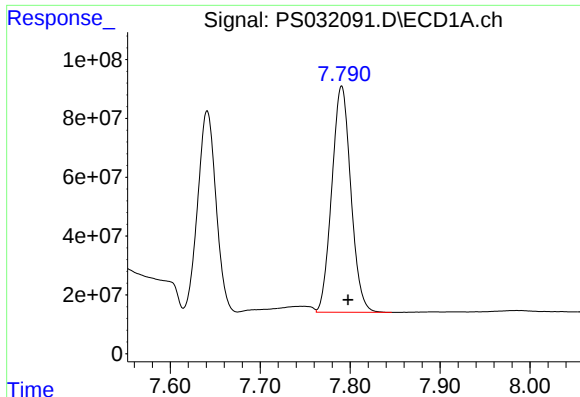
#6 MCP

R.T.: 7.641 min
Delta R.T.: -0.007 min
Response: 930861516
Conc: 76.12 ug/ml



#6 MCP

R.T.: 8.036 min
Delta R.T.: -0.005 min
Response: 191698149
Conc: 77.23 ug/ml



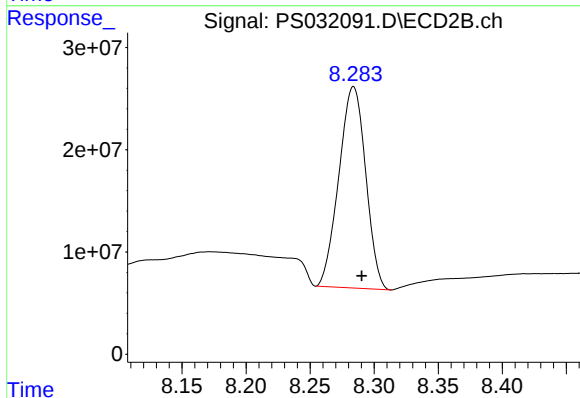
#7 MCPA

R.T.: 7.791 min
Delta R.T.: -0.007 min
Response: 1130721628
Conc: 76.83 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

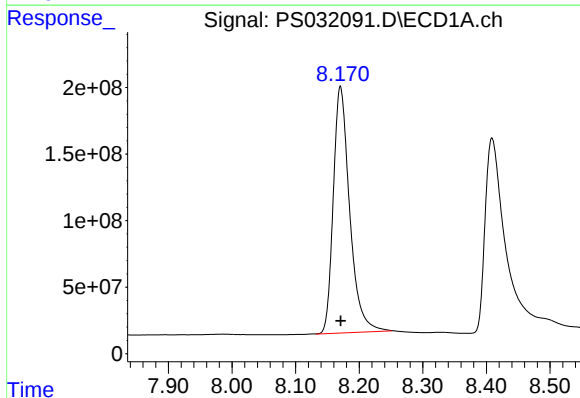
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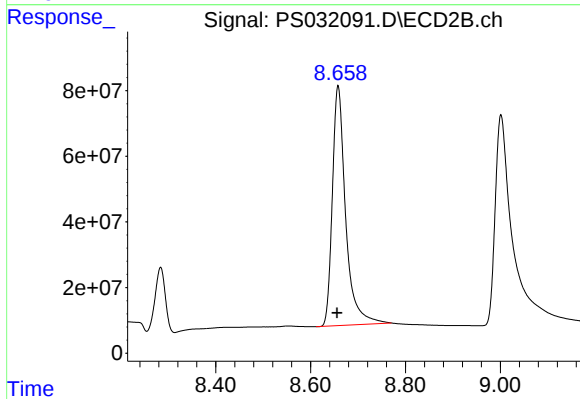
#7 MCPA

R.T.: 8.284 min
Delta R.T.: -0.007 min
Response: 286564146
Conc: 75.96 ug/ml



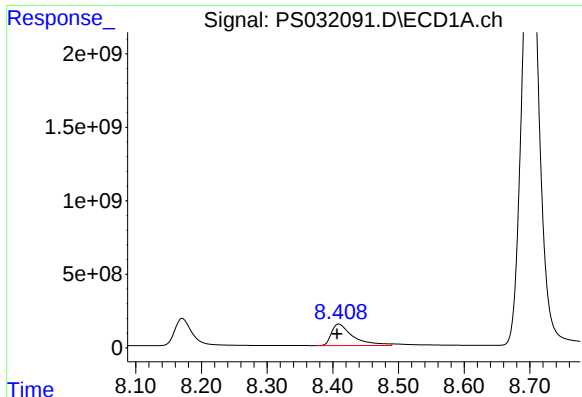
#8 DICHLORPROP

R.T.: 8.170 min
Delta R.T.: 0.000 min
Response: 3314926898
Conc: 697.27 ng/ml m



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: 0.002 min
Response: 1421213365
Conc: 725.75 ng/ml



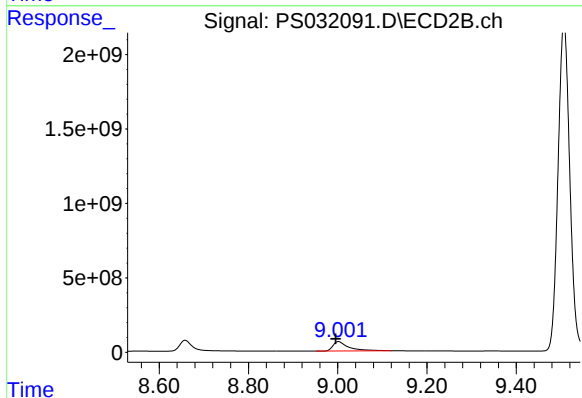
#9 2,4-D

R.T.: 8.408 min
Delta R.T.: 0.002 min
Response: 3343985503
Conc: 688.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

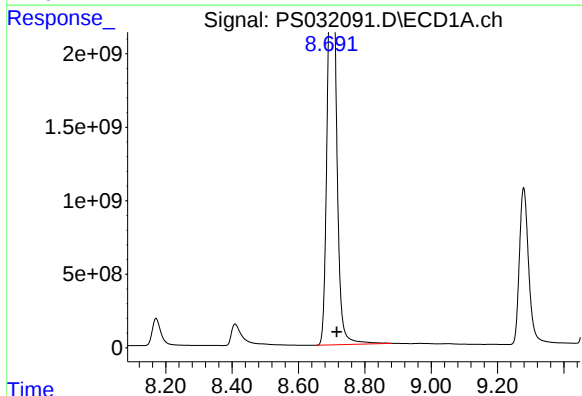
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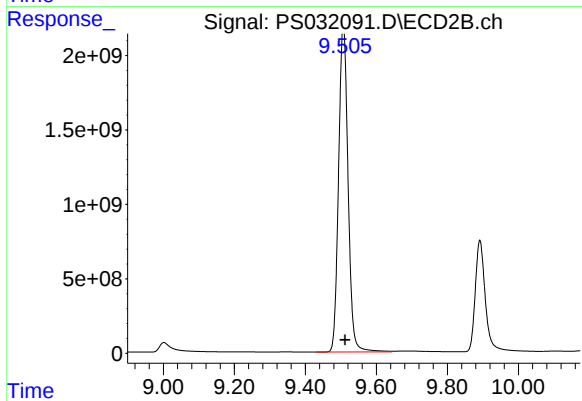
#9 2,4-D

R.T.: 9.001 min
Delta R.T.: 0.006 min
Response: 1539303213
Conc: 740.66 ng/ml



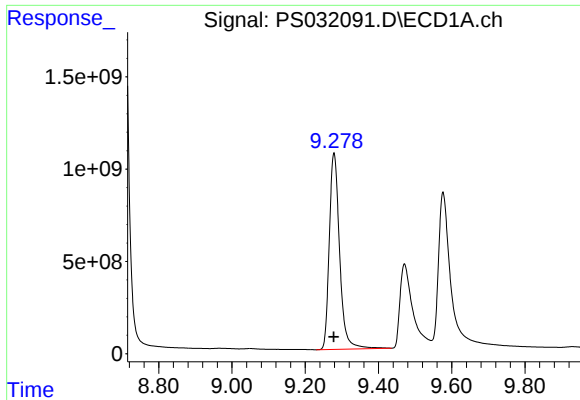
#10 Pentachlorophenol

R.T.: 8.707 min
Delta R.T.: -0.008 min
Response: 49225804825
Conc: 733.41 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.005 min
Response: 40530260125
Conc: 782.08 ng/ml



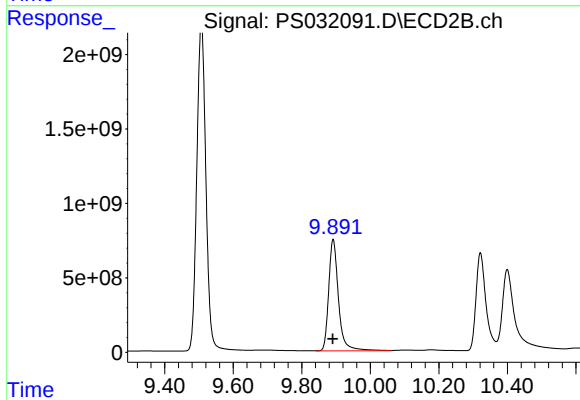
#11 2,4,5-TP (SILVEX)

R.T.: 9.279 min
Delta R.T.: 0.000 min
Response: 20770692387
Conc: 735.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

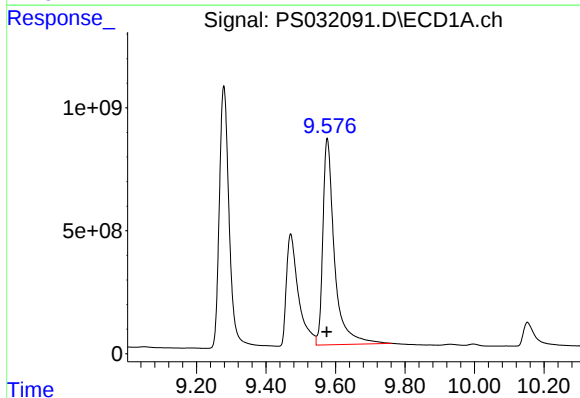
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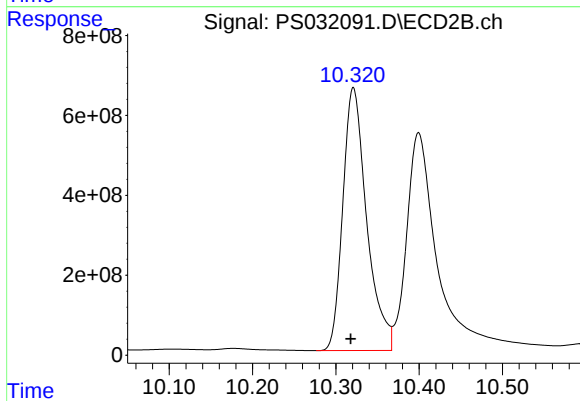
#11 2,4,5-TP (SILVEX)

R.T.: 9.891 min
Delta R.T.: 0.001 min
Response: 14887456605
Conc: 741.60 ng/ml



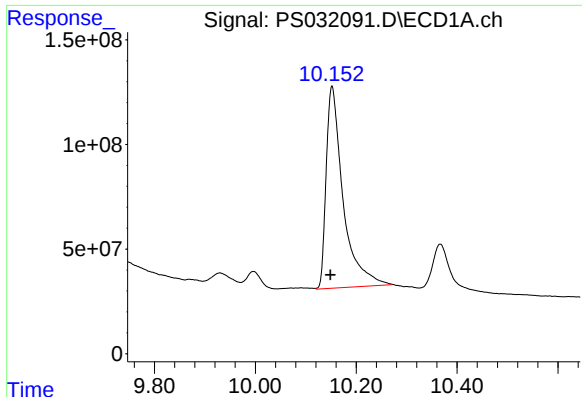
#12 2,4,5-T

R.T.: 9.576 min
Delta R.T.: 0.002 min
Response: 19488351032
Conc: 771.99 ng/ml



#12 2,4,5-T

R.T.: 10.321 min
Delta R.T.: 0.003 min
Response: 13109821954
Conc: 764.66 ng/ml



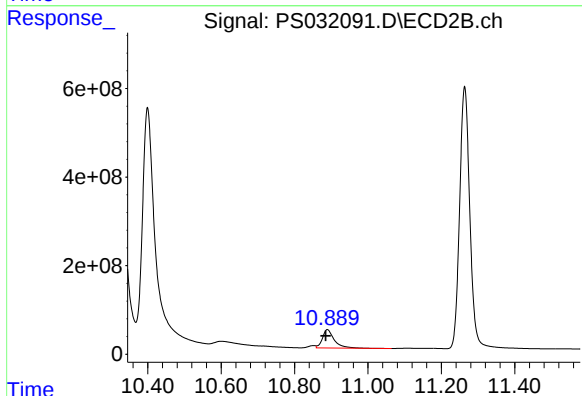
#13 2,4-DB

R.T.: 10.152 min
Delta R.T.: 0.003 min
Response: 2247957668
Conc: 725.07 ng/ml

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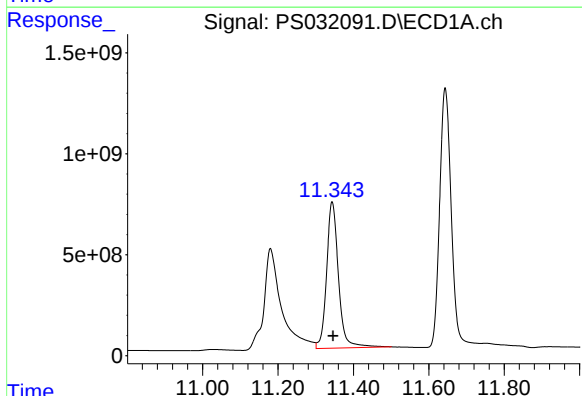
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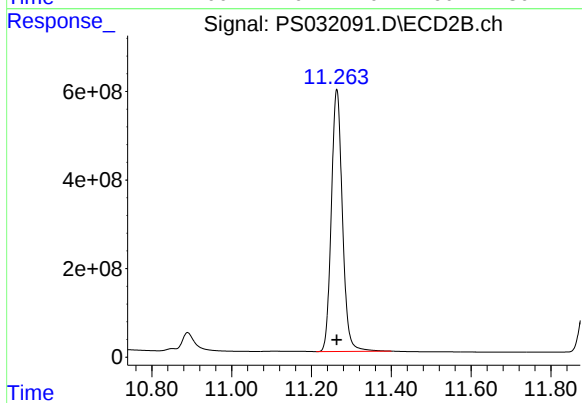
#13 2,4-DB

R.T.: 10.889 min
Delta R.T.: 0.004 min
Response: 936936590
Conc: 725.13 ng/ml



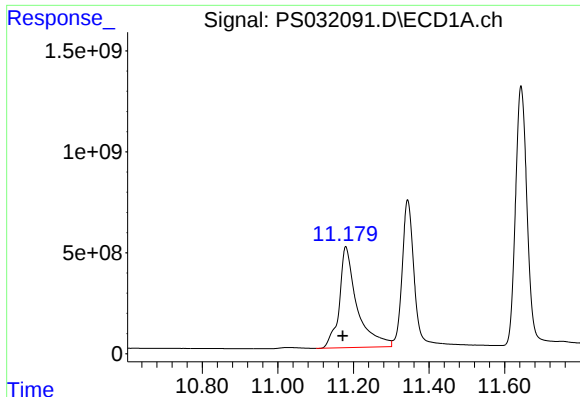
#14 DINOSEB

R.T.: 11.343 min
Delta R.T.: -0.003 min
Response: 15886024287
Conc: 712.35 ng/ml



#14 DINOSEB

R.T.: 11.263 min
Delta R.T.: 0.000 min
Response: 11380912034
Conc: 748.59 ng/ml



#15 Picloram

R.T.: 11.180 min
Delta R.T.: 0.008 min
Response: 16335371958
Conc: 692.83 ng/ml

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#15 Picloram

R.T.: 12.388 min
Delta R.T.: 0.009 min
Response: 20990676950
Conc: 630.50 ng/ml

#16 DCPA

R.T.: 11.643 min
Delta R.T.: -0.001 min
Response: 26727307374
Conc: 727.47 ng/ml

#16 DCPA

R.T.: 12.304 min
Delta R.T.: 0.000 min
Response: 24173880933
Conc: 727.87 ng/ml