

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS081125\
 Data File : PS031426.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2025 13:13
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul
 Mirza

08/12/2025
 Supervised By :mohammad
 ahmed

08/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 13:49:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.290	7.745	2269.9E6	566.9E6	715.155	670.572
Target Compounds							
1) T	Dalapon	2.674	2.695	3188.9E6	1600.5E6	607.531	601.452
2) T	3,5-DICHL...	6.457	6.696	3114.9E6	834.8E6	660.167	617.452
3) T	4-Nitroph...	7.094	7.286	790.8E6	797.1E6	766.562m	634.162m
5) T	DICAMBA	7.477	7.944	9367.1E6	3620.1E6	670.686	637.034
6) T	MCPD	7.657	8.041	555.7E6	115.4E6	69.078	65.279
7) T	MCPA	7.806	8.289	677.1E6	172.3E6	67.973	61.405
8) T	DICHLORPROP	8.185	8.662	2115.9E6	835.1E6	666.981	625.518
9) T	2,4-D	8.418	9.001	2040.1E6	885.4E6	709.166	620.308
10) T	Pentachlo...	8.717	9.515	34483.2E6	23038.0E6	718.213	661.471
11) T	2,4,5-TP ...	9.296	9.899	12690.3E6	8490.7E6	708.019	647.354
12) T	2,4,5-T	9.589	10.326	11144.2E6	7755.1E6	760.629	655.004
13) T	2,4-DB	10.164	10.894	1588.7E6	609.7E6	826.726	631.898
14) T	DINOSEB	11.369	11.274	9057.1E6	6110.9E6	714.364	646.184
15) T	Picloram	11.190	12.390	10972.3E6	12200.2E6	840.518	695.975
16) T	DCPA	11.668	12.316	16452.3E6	13109.9E6	722.248	665.466

(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 :
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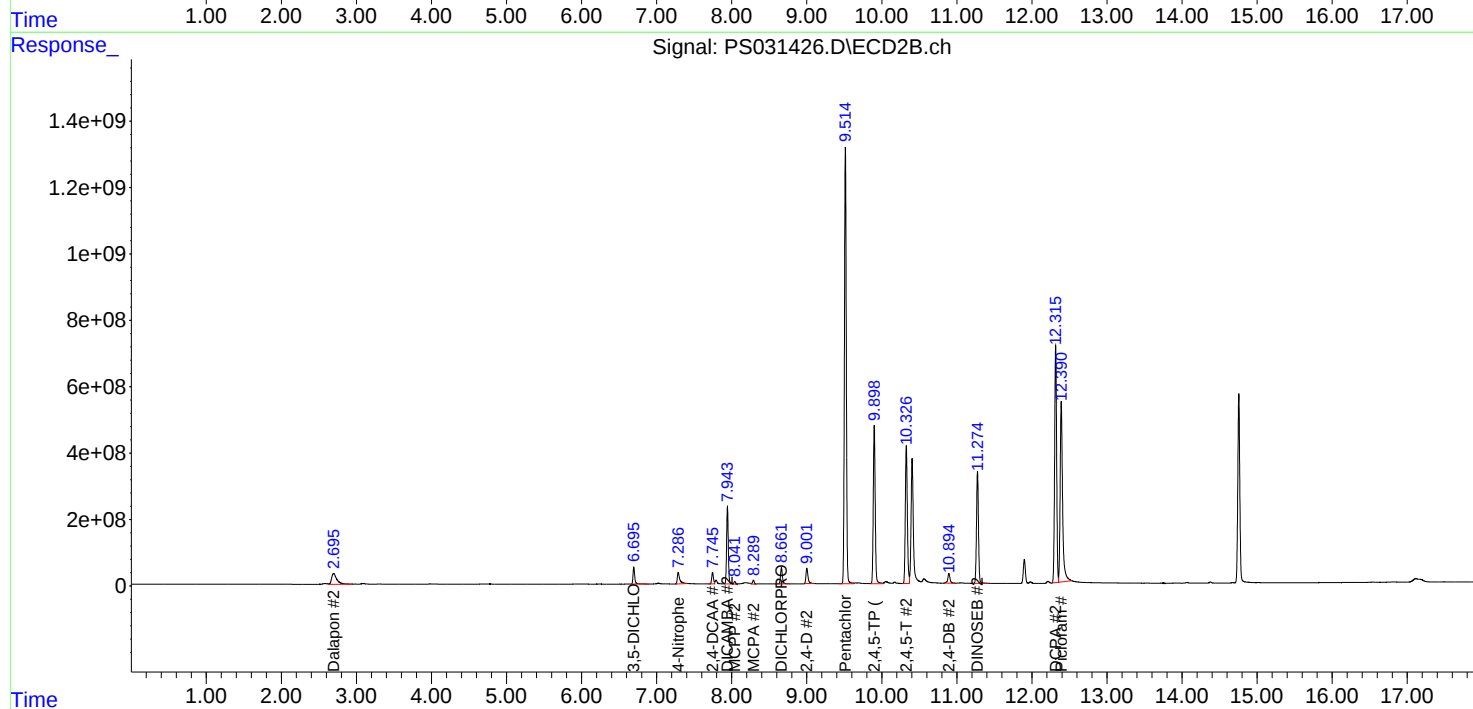
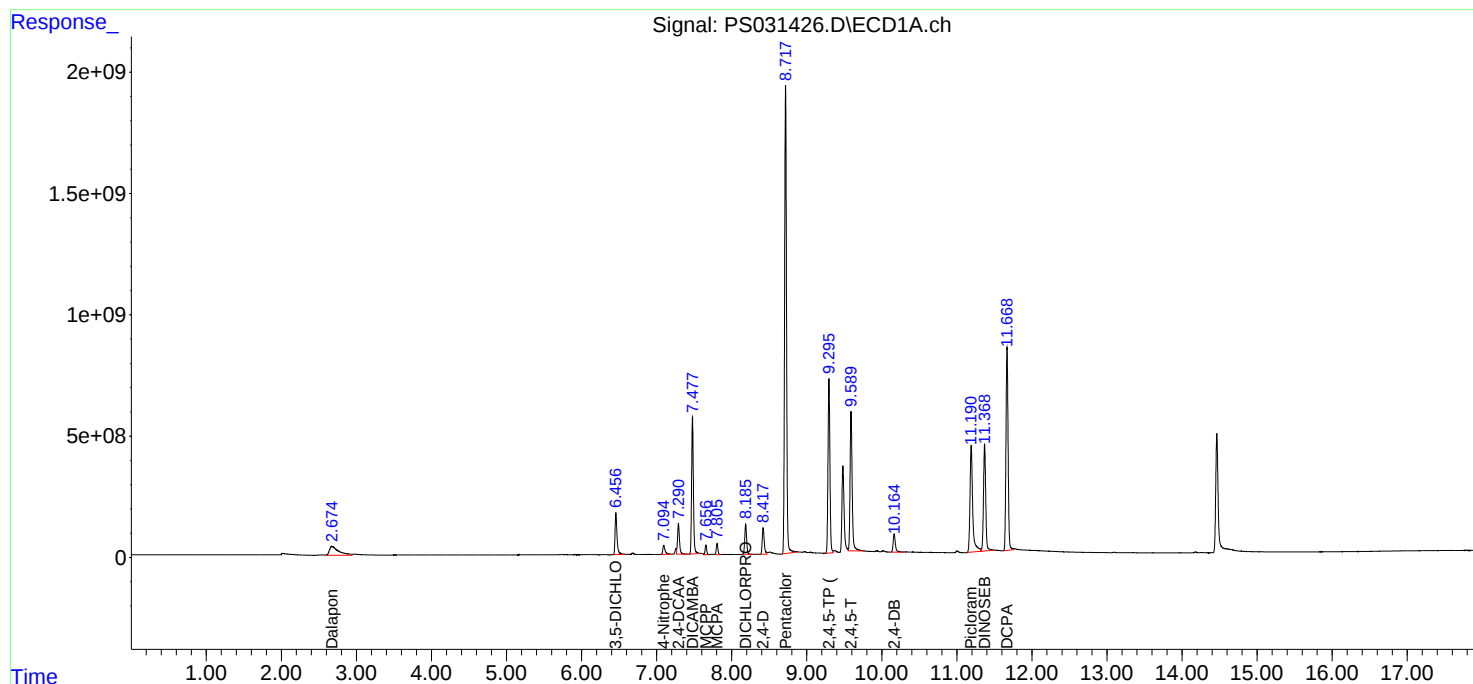
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Mirza

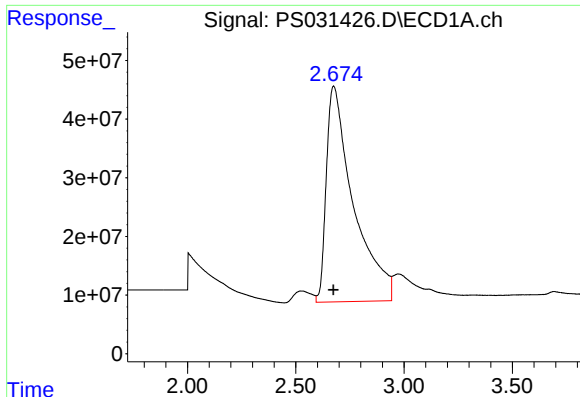
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Supervised By :mohammad
ahmed

08/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:49:16 2025
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.674 min
Delta R.T.: 0.000 min
Response: 3188890242
Conc: 607.53 ng/ml

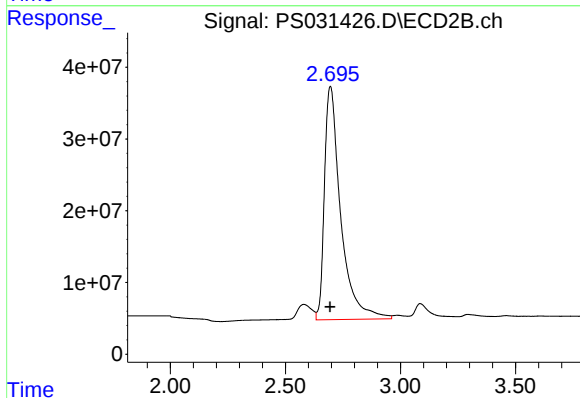
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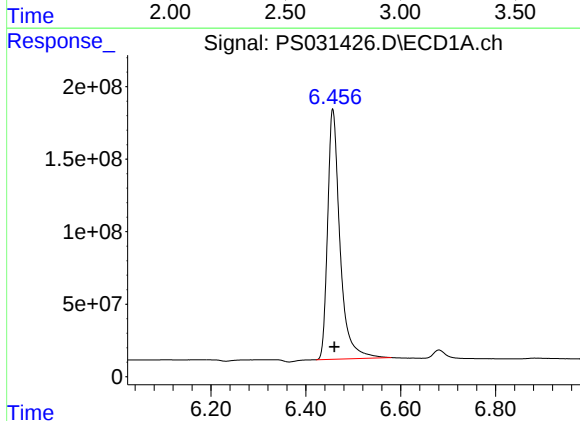
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ahmed

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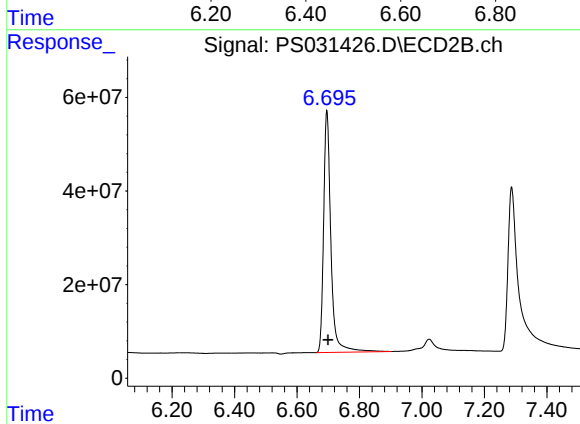
#1 Dalapon

R.T.: 2.695 min
Delta R.T.: 0.000 min
Response: 1600470458
Conc: 601.45 ng/ml



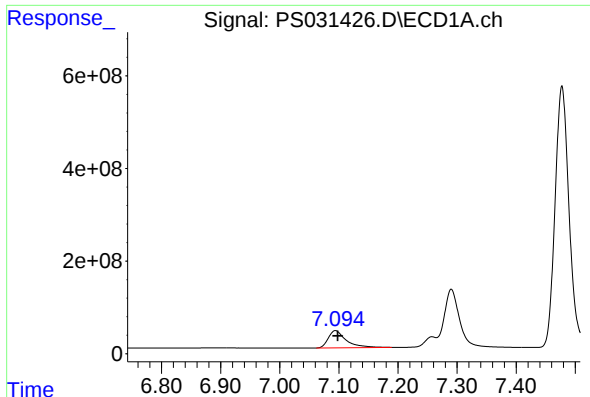
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.457 min
Delta R.T.: -0.004 min
Response: 3114875223
Conc: 660.17 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: -0.003 min
Response: 834751547
Conc: 617.45 ng/ml



#3 4-Nitrophenol

R.T.: 7.094 min
Delta R.T.: -0.004 min
Response: 790846664
Conc: 766.56 ng/ml

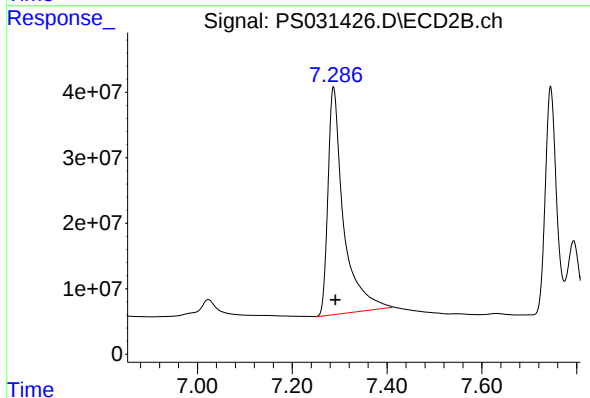
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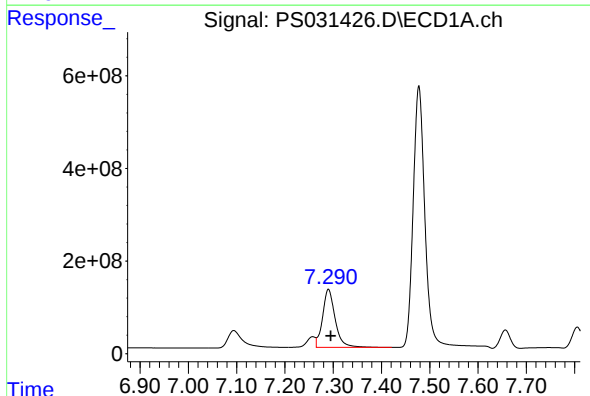
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ahmed

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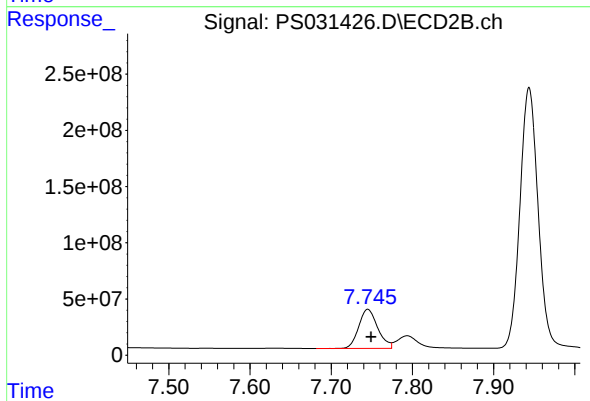
#3 4-Nitrophenol

R.T.: 7.286 min
Delta R.T.: -0.004 min
Response: 797071932
Conc: 634.16 ng/ml m



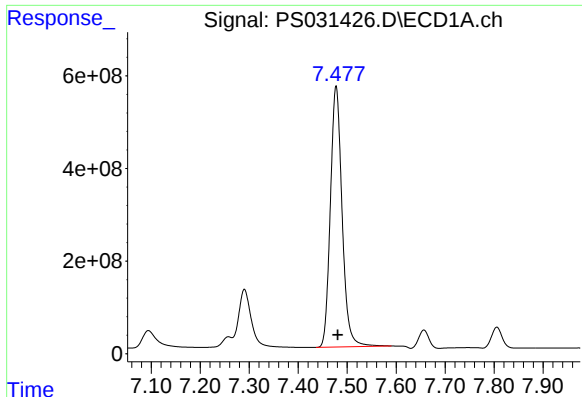
#4 2,4-DCAA

R.T.: 7.290 min
Delta R.T.: -0.005 min
Response: 2269893228
Conc: 715.15 ng/ml



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: -0.004 min
Response: 566861291
Conc: 670.57 ng/ml



#5 DICAMBA

R.T.: 7.477 min
Delta R.T.: -0.003 min
Response: 9367113167
Conc: 670.69 ng/ml

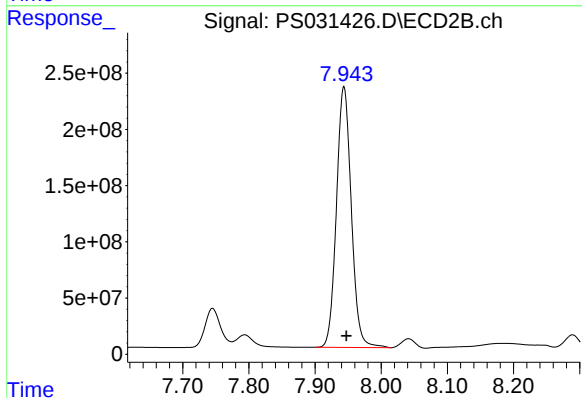
Instrument :
ECD_S
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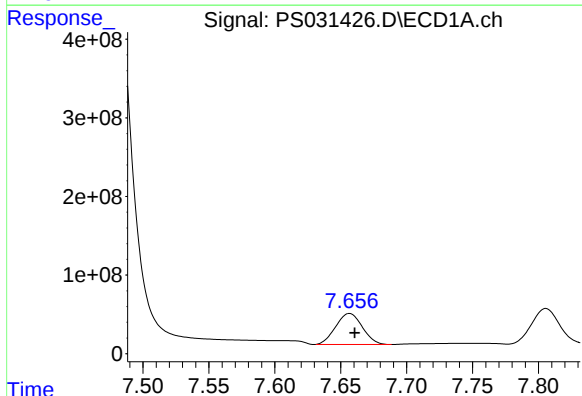
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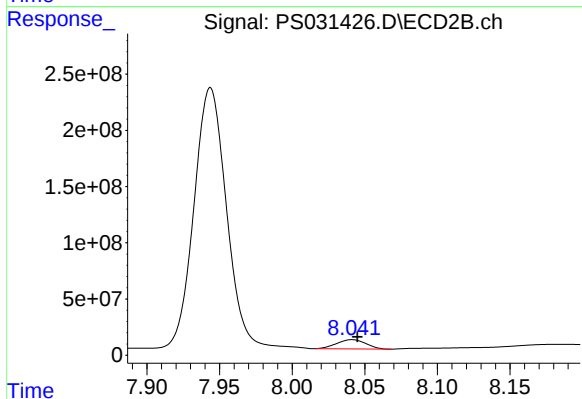
#5 DICAMBA

R.T.: 7.944 min
Delta R.T.: -0.004 min
Response: 3620065360
Conc: 637.03 ng/ml



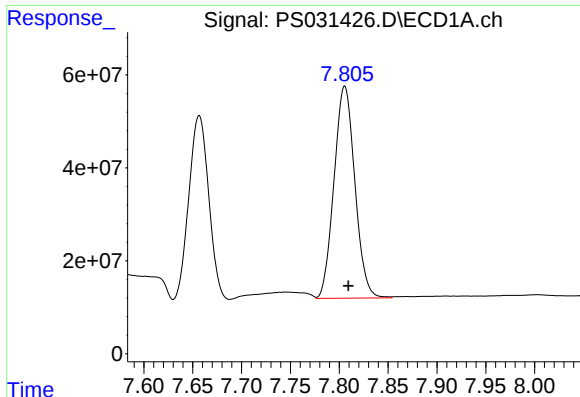
#6 MCP

R.T.: 7.657 min
Delta R.T.: -0.004 min
Response: 555726373
Conc: 69.08 ug/ml



#6 MCP

R.T.: 8.041 min
Delta R.T.: -0.004 min
Response: 115402646
Conc: 65.28 ug/ml



#7 MCPA

R.T.: 7.806 min
Delta R.T.: -0.004 min
Response: 677097709
Conc: 67.97 ug/ml

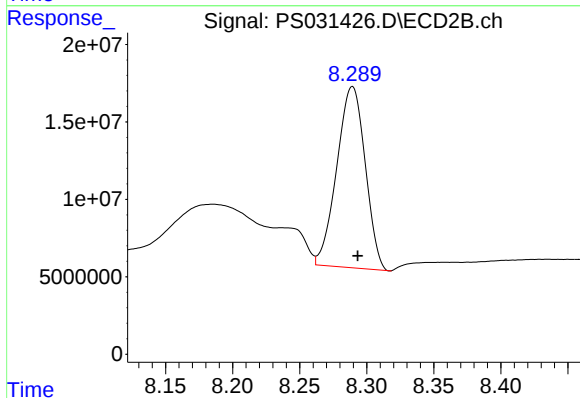
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

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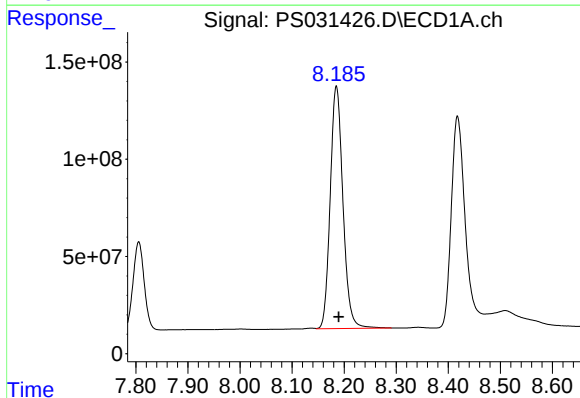
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ahmed

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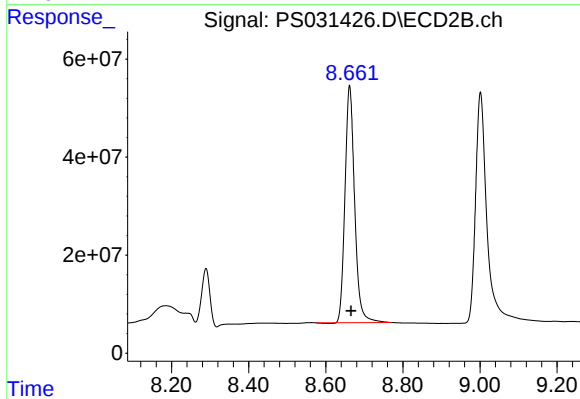
#7 MCPA

R.T.: 8.289 min
Delta R.T.: -0.004 min
Response: 172271399
Conc: 61.40 ug/ml



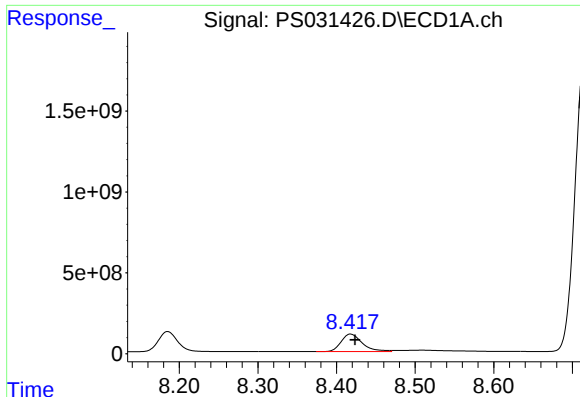
#8 DICHLORPROP

R.T.: 8.185 min
Delta R.T.: -0.004 min
Response: 2115949981
Conc: 666.98 ng/ml



#8 DICHLORPROP

R.T.: 8.662 min
Delta R.T.: -0.004 min
Response: 835087559
Conc: 625.52 ng/ml



#9 2,4-D

R.T.: 8.418 min
Delta R.T.: -0.006 min
Response: 2040140849
Conc: 709.17 ng/ml

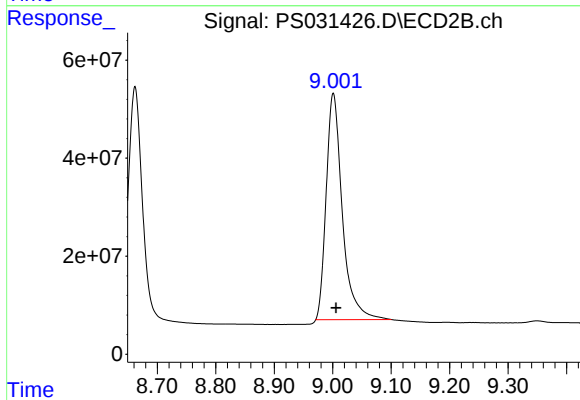
Instrument :
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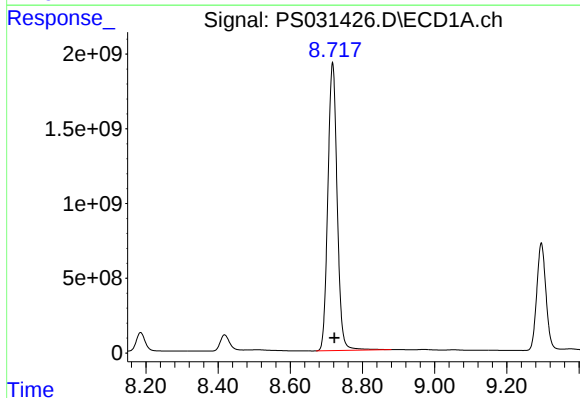
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ahmed

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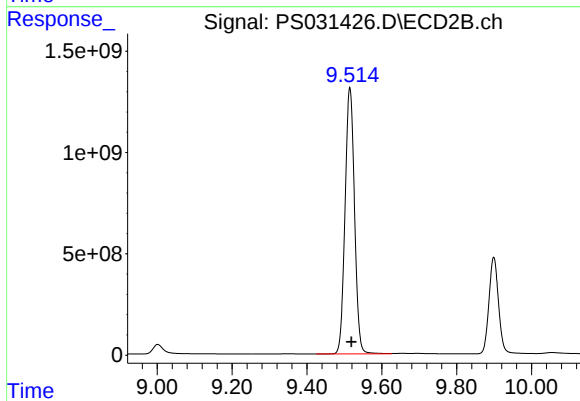
#9 2,4-D

R.T.: 9.001 min
Delta R.T.: -0.005 min
Response: 885357324
Conc: 620.31 ng/ml



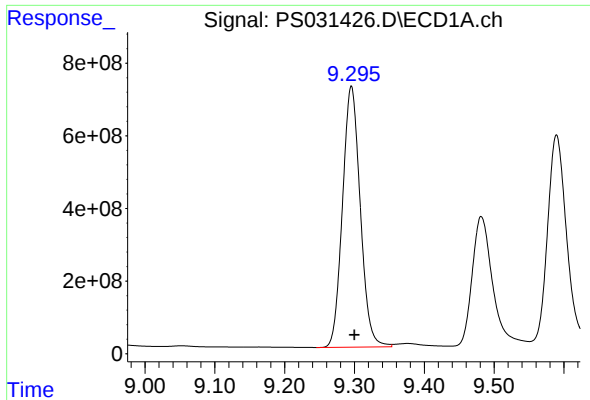
#10 Pentachlorophenol

R.T.: 8.717 min
Delta R.T.: -0.005 min
Response: 34483165773
Conc: 718.21 ng/ml



#10 Pentachlorophenol

R.T.: 9.515 min
Delta R.T.: -0.004 min
Response: 23037987588
Conc: 661.47 ng/ml



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

R.T.: 9.296 min
Delta R.T.: -0.005 min
Response: 12690326880
Conc: 708.02 ng/ml

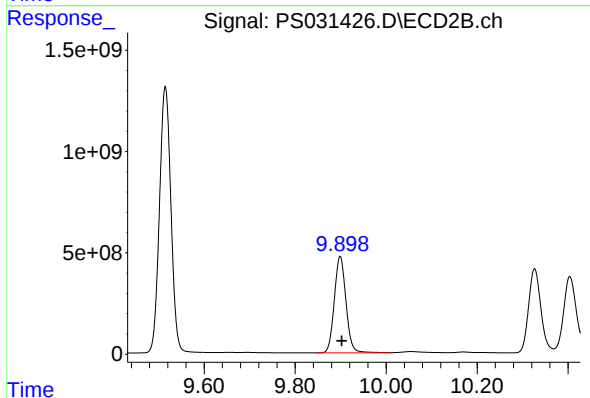
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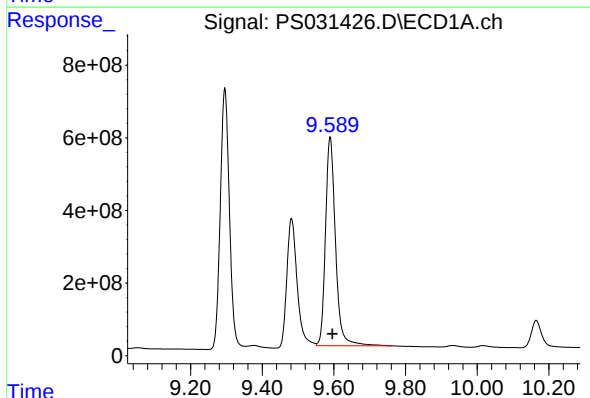
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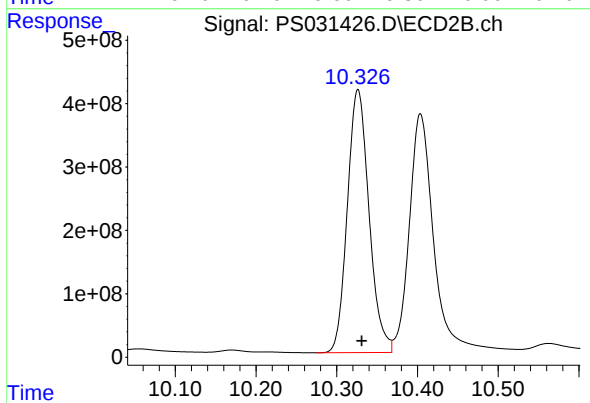
#11 2,4,5-TP (SILVEX)

R.T.: 9.899 min
Delta R.T.: -0.004 min
Response: 8490711766
Conc: 647.35 ng/ml



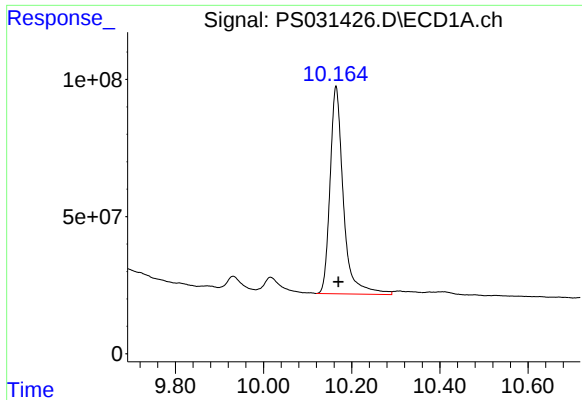
#12 2,4,5-T

R.T.: 9.589 min
Delta R.T.: -0.006 min
Response: 11144155268
Conc: 760.63 ng/ml



#12 2,4,5-T

R.T.: 10.326 min
Delta R.T.: -0.005 min
Response: 7755093218
Conc: 655.00 ng/ml



#13 2,4-DB

R.T.: 10.164 min
Delta R.T.: -0.006 min
Response: 1588735665
Conc: 826.73 ng/ml

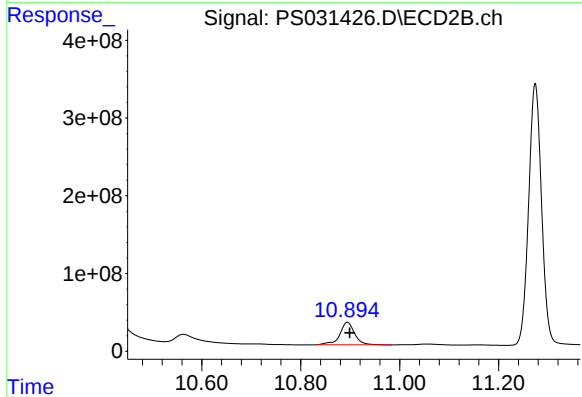
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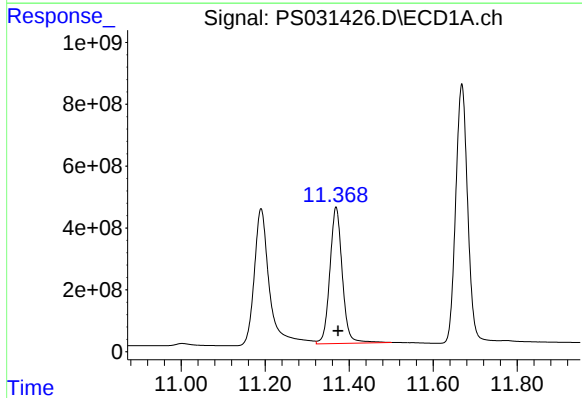
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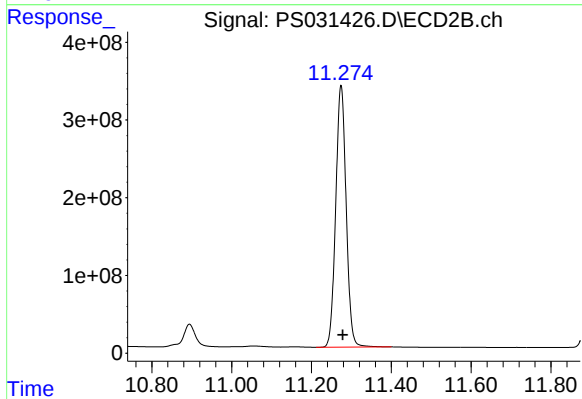
#13 2,4-DB

R.T.: 10.894 min
Delta R.T.: -0.005 min
Response: 609683882
Conc: 631.90 ng/ml



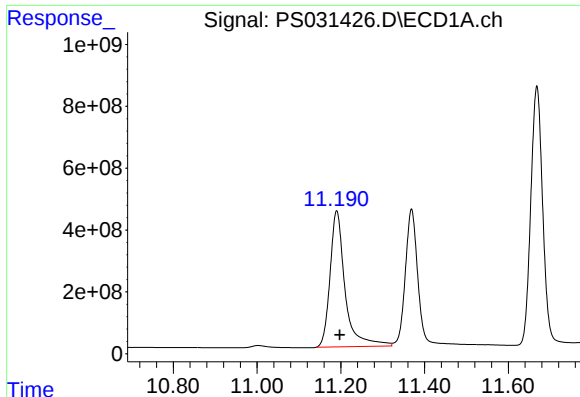
#14 DINOSEB

R.T.: 11.369 min
Delta R.T.: -0.005 min
Response: 9057051275
Conc: 714.36 ng/ml



#14 DINOSEB

R.T.: 11.274 min
Delta R.T.: -0.004 min
Response: 6110933730
Conc: 646.18 ng/ml



#15 Picloram

R.T.: 11.190 min
Delta R.T.: -0.007 min
Response: 10972250908
Conc: 840.52 ng/ml

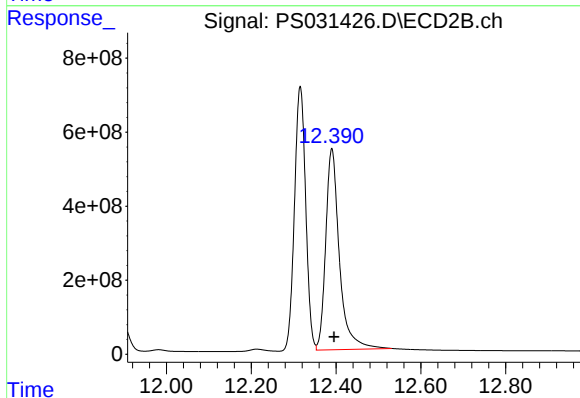
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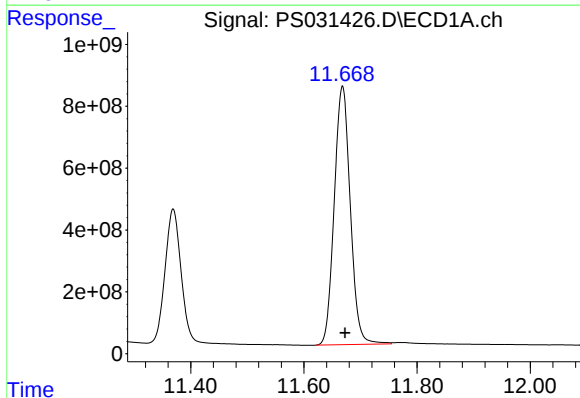
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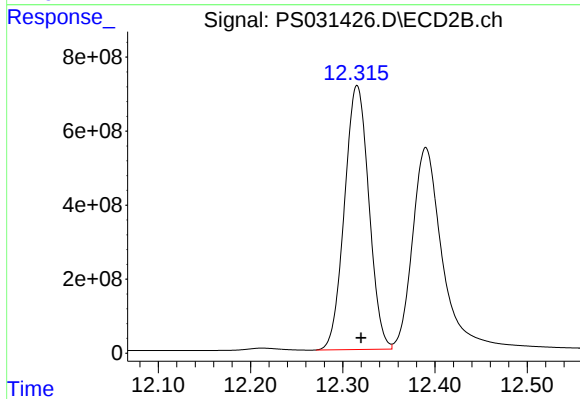
#15 Picloram

R.T.: 12.390 min
Delta R.T.: -0.005 min
Response: 12200247052
Conc: 695.97 ng/ml



#16 DCPA

R.T.: 11.668 min
Delta R.T.: -0.005 min
Response: 16452313781
Conc: 722.25 ng/ml



#16 DCPA

R.T.: 12.316 min
Delta R.T.: -0.004 min
Response: 13109936223
Conc: 665.47 ng/ml