

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071425\
 Data File : PS031028.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 21:09
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/16/2025
 Supervised By :mohammad ahmed 07/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 01:32:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
 Quant Title : 8080.M
 QLast Update : Mon Jul 14 05:51:06 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	7.331	7.768	2433.6E6	659.3E6	615.313	636.336
Target Compounds							
1) T	Dalapon	2.695	2.706	3611.5E6	1652.1E6	592.858	581.143
2) T	3,5-DICHL...	6.492	6.715	3314.0E6	908.9E6	632.620	586.254
3) T	4-Nitroph...	7.130	7.301	959.5E6	1035.9E6	710.710	593.998
5) T	DICAMBA	7.520	7.971	9998.6E6	3942.8E6	637.221	608.800
6) T	MCPD	7.701	8.069	604.9E6	132.4E6	65.737	61.948
7) T	MCPA	7.851	8.318	739.2E6	196.0E6	67.771	61.146
8) T	DICHLORPROP	8.232	8.691	2224.8E6	914.7E6	653.376	602.043
9) T	2,4-D	8.465	9.027	2210.5E6	1026.8E6	718.070	604.194
10) T	Pentachlo...	8.771	9.550	35204.2E6	24634.0E6	700.420	639.262
11) T	2,4,5-TP ...	9.350	9.932	13269.4E6	9158.1E6	712.999	624.030
12) T	2,4,5-T	9.644	10.358	11862.9E6	8757.8E6	779.772	625.925
13) T	2,4-DB	10.221	10.926	1798.5E6	728.2E6	828.510	615.442 #
14) T	DINOSEB	11.436	11.311	9491.2E6	6927.9E6	719.909	610.304
15) T	Picloram	11.249	12.421	12357.8E6	15589.0E6	848.056m	663.906
16) T	DCPA	11.733	12.354	17904.0E6	14311.0E6	747.958	634.580

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

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Acq On : 14 Jul 2025 21:09
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

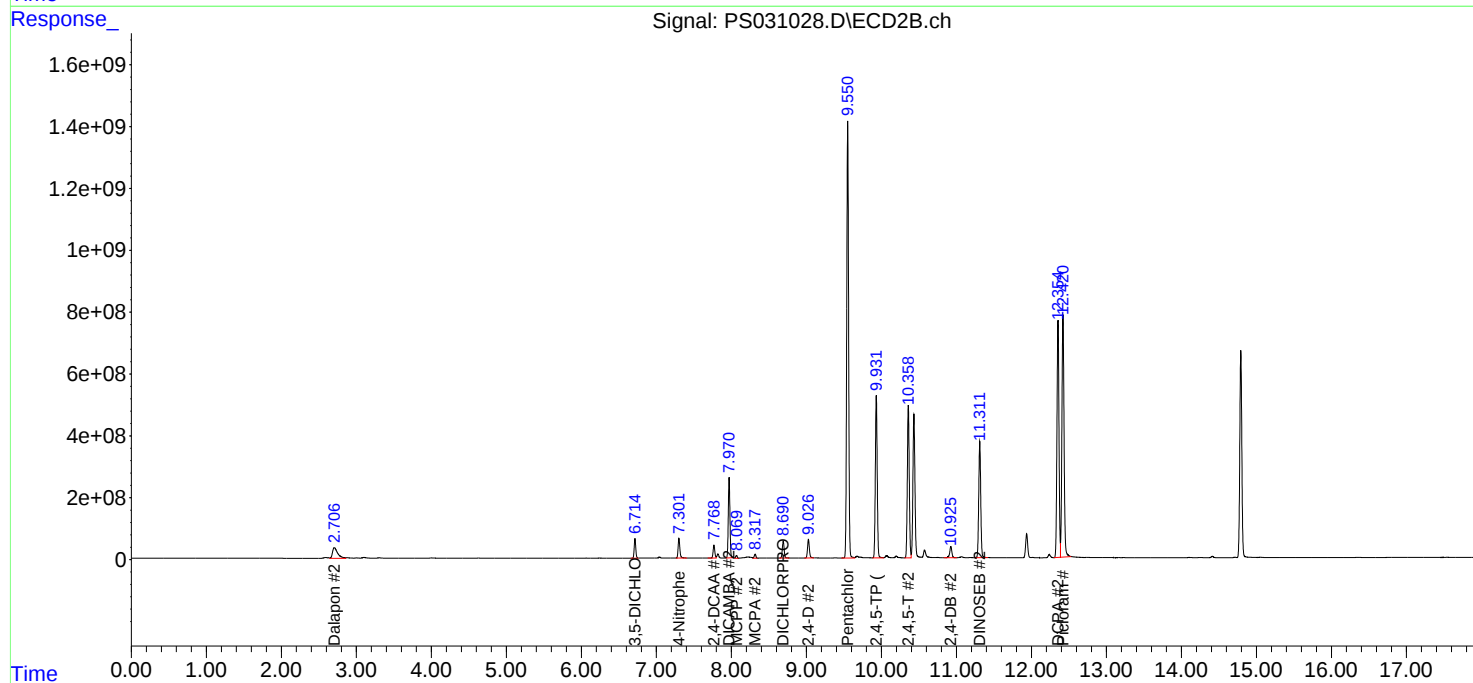
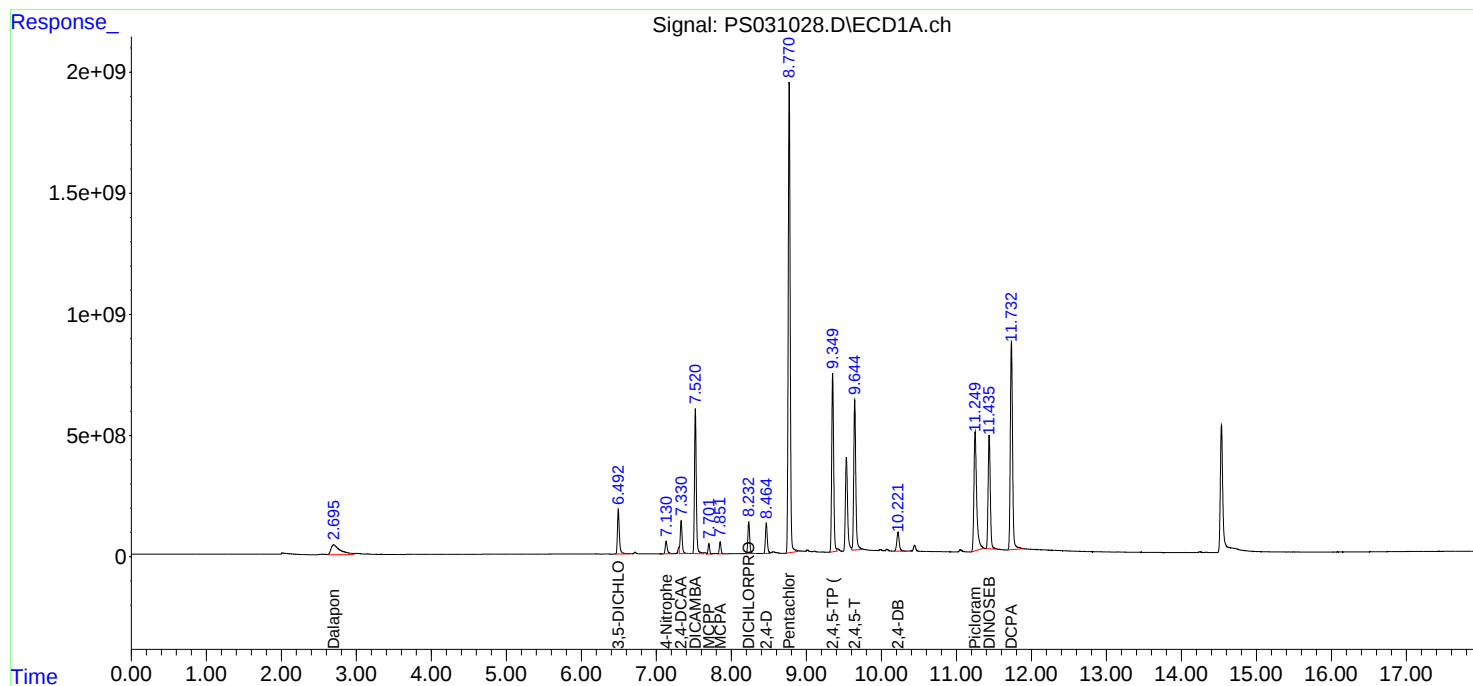
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

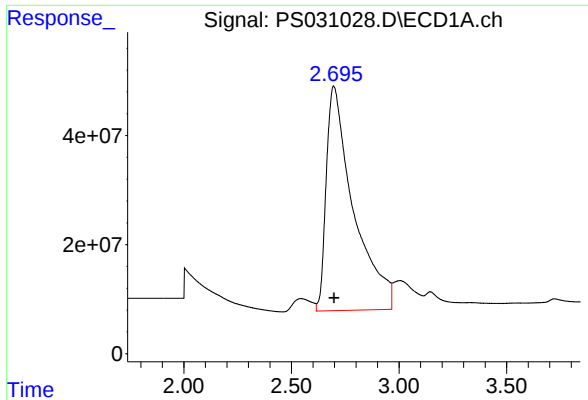
Manual Integrations
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Supervised By : mohammad ahmed 07/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
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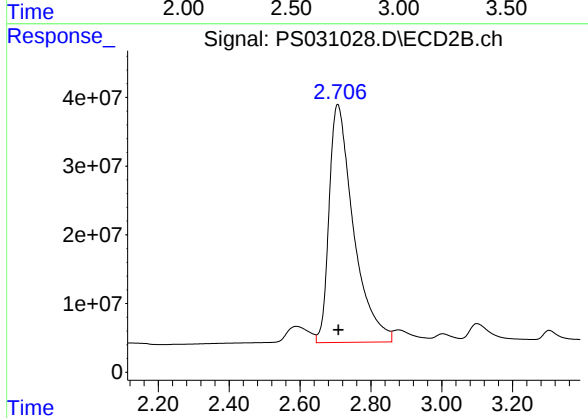
#1 Dalapon

R.T.: 2.695 min
Delta R.T.: -0.003 min
Response: 3611526389
Conc: 592.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

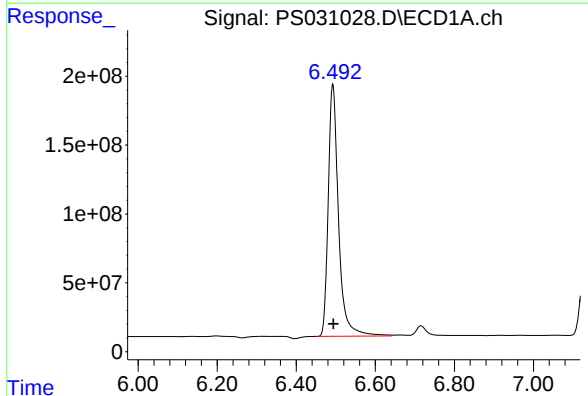
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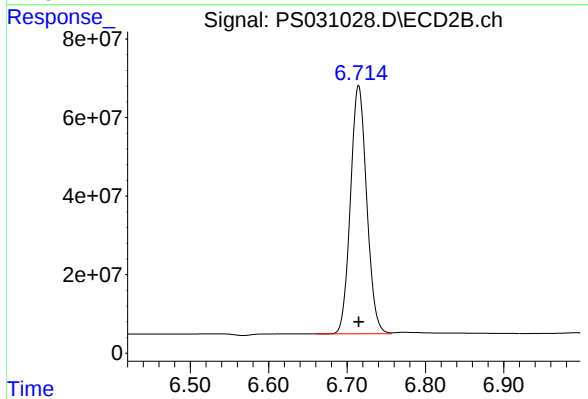
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: -0.002 min
Response: 1652107693
Conc: 581.14 ng/ml



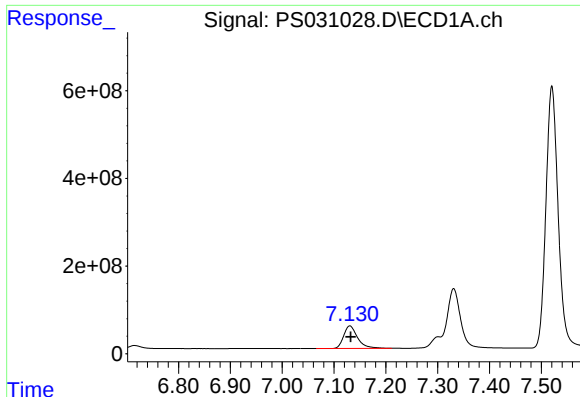
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.492 min
Delta R.T.: -0.002 min
Response: 3314042521
Conc: 632.62 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 908891880
Conc: 586.25 ng/ml



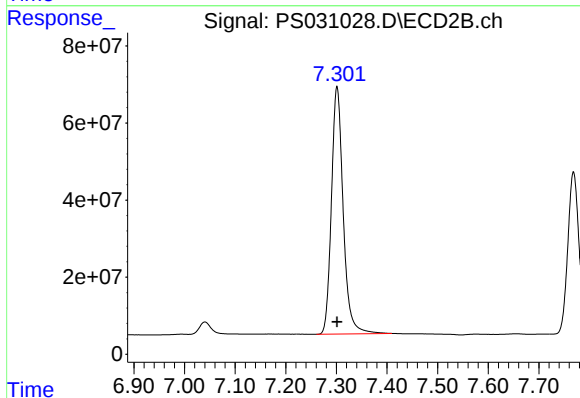
#3 4-Nitrophenol

R.T.: 7.130 min
Delta R.T.: -0.002 min
Response: 959464350
Conc: 710.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

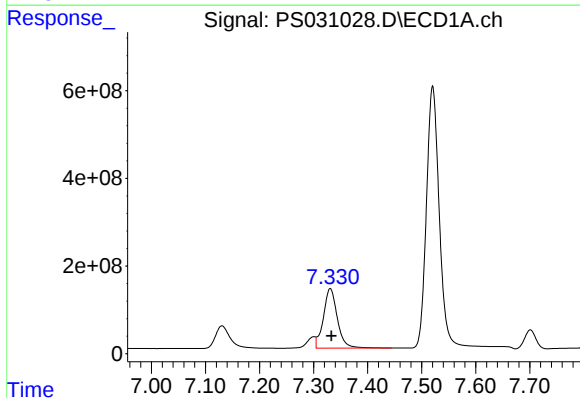
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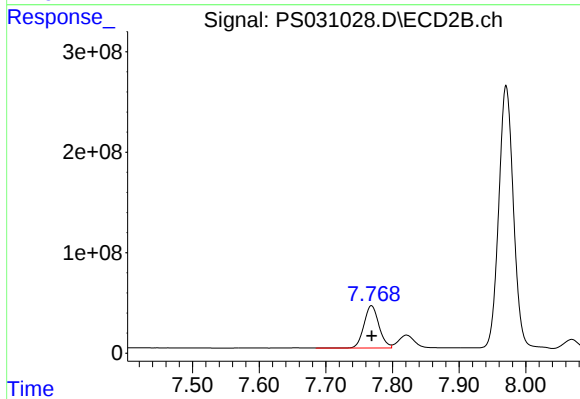
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 1035866240
Conc: 594.00 ng/ml



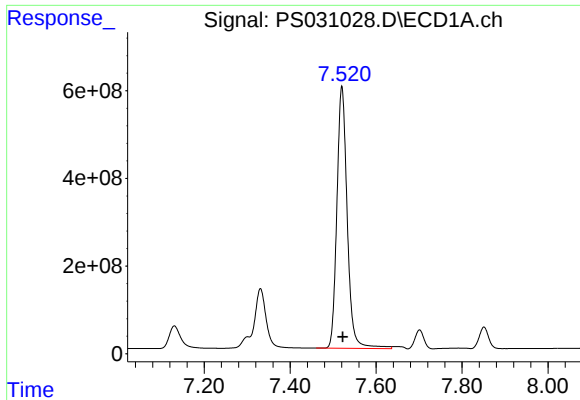
#4 2,4-DCAA

R.T.: 7.331 min
Delta R.T.: -0.002 min
Response: 2433610944
Conc: 615.31 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 659265224
Conc: 636.34 ng/ml



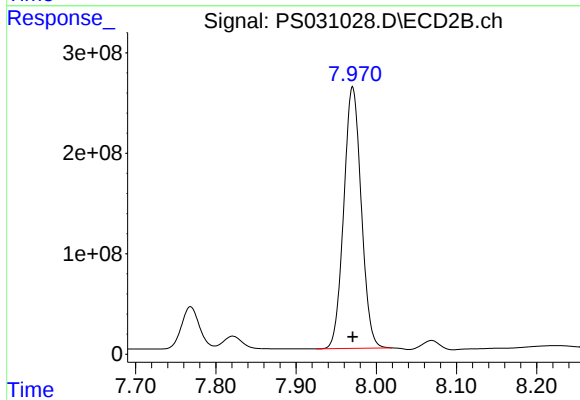
#5 DICAMBA

R.T.: 7.520 min
Delta R.T.: -0.002 min
Response: 9998582020
Conc: 637.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

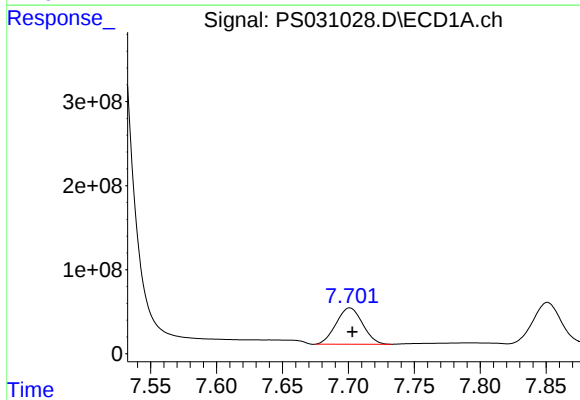
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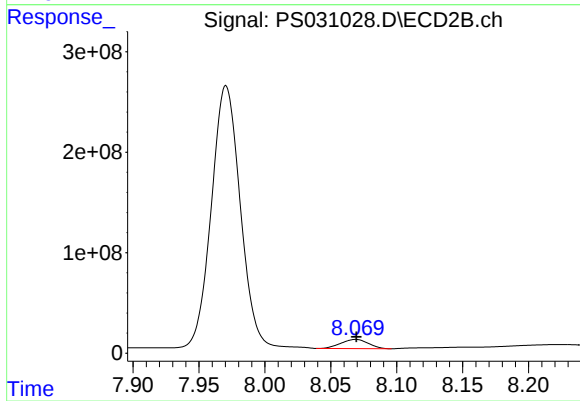
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 3942843314
Conc: 608.80 ng/ml



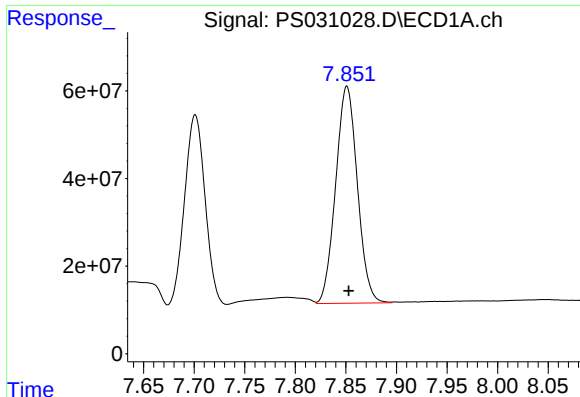
#6 MCP

R.T.: 7.701 min
Delta R.T.: -0.002 min
Response: 604860380
Conc: 65.74 ug/ml



#6 MCP

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 132442341
Conc: 61.95 ug/ml



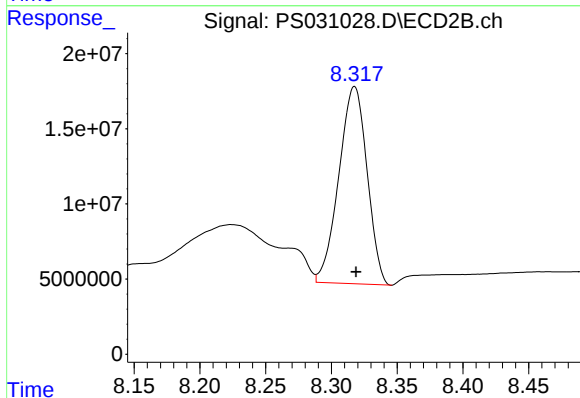
#7 MCPA

R.T.: 7.851 min
Delta R.T.: -0.002 min
Response: 739159030
Conc: 67.77 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

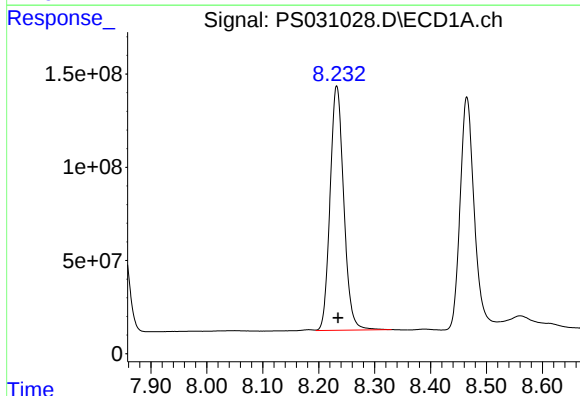
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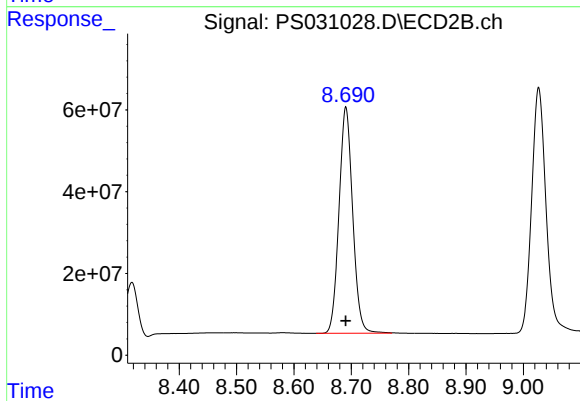
#7 MCPA

R.T.: 8.318 min
Delta R.T.: -0.001 min
Response: 196013808
Conc: 61.15 ug/ml



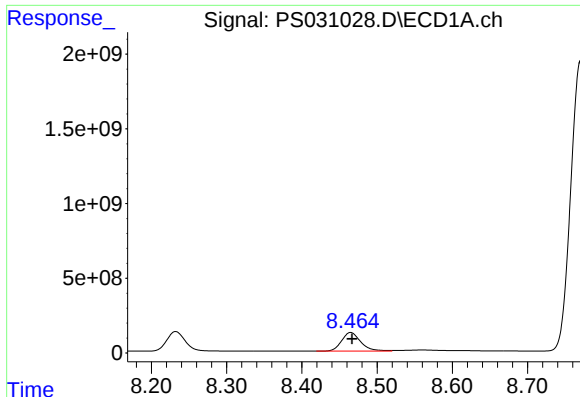
#8 DICHLORPROP

R.T.: 8.232 min
Delta R.T.: -0.002 min
Response: 2224847161
Conc: 653.38 ng/ml



#8 DICHLORPROP

R.T.: 8.691 min
Delta R.T.: 0.000 min
Response: 914660677
Conc: 602.04 ng/ml



#9 2,4-D

R.T.: 8.465 min
Delta R.T.: -0.002 min
Response: 2210531725
Conc: 718.07 ng/ml

Instrument :

ECD_S

ClientSampleId :

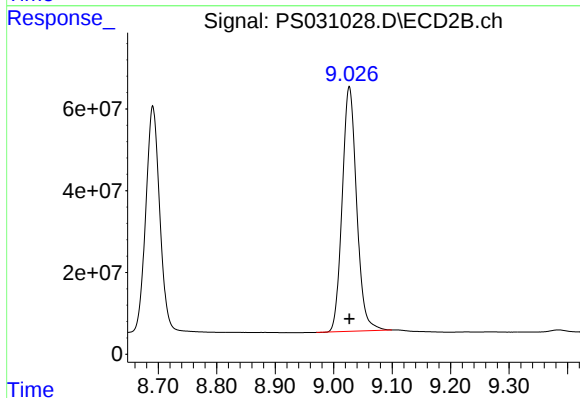
HSTDCCC750

Manual Integrations

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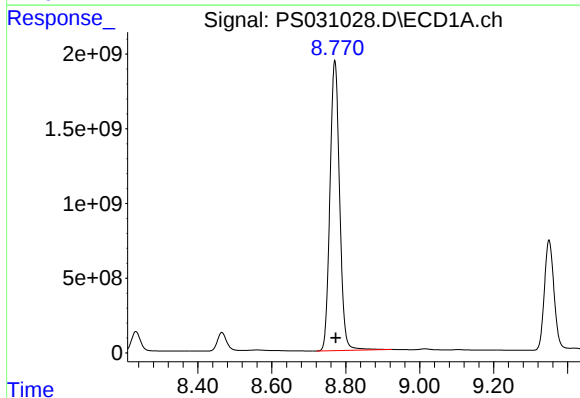
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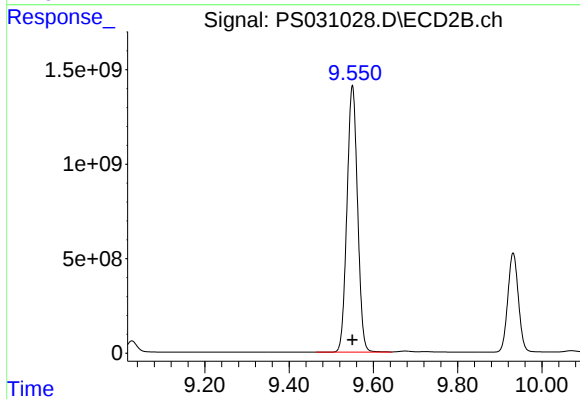
#9 2,4-D

R.T.: 9.027 min
Delta R.T.: 0.000 min
Response: 1026805971
Conc: 604.19 ng/ml



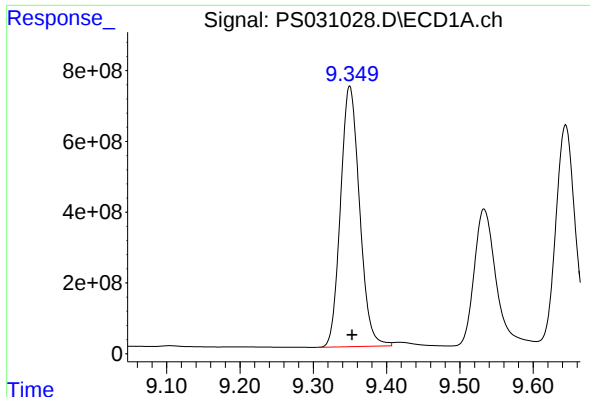
#10 Pentachlorophenol

R.T.: 8.771 min
Delta R.T.: -0.003 min
Response: 35204190191
Conc: 700.42 ng/ml



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: 0.000 min
Response: 24633992865
Conc: 639.26 ng/ml



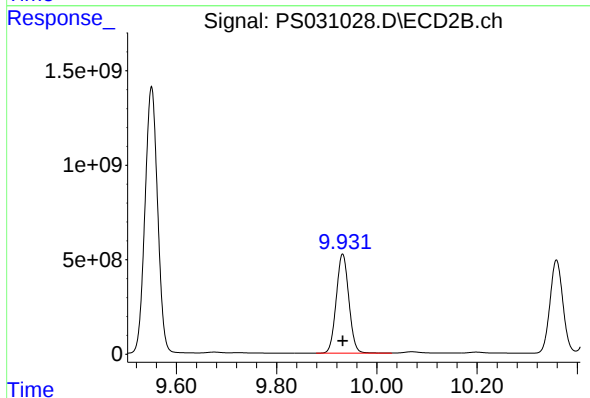
#11 2,4,5-TP (SILVEX)

R.T.: 9.350 min
Delta R.T.: -0.003 min
Response: 13269430427
Conc: 713.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

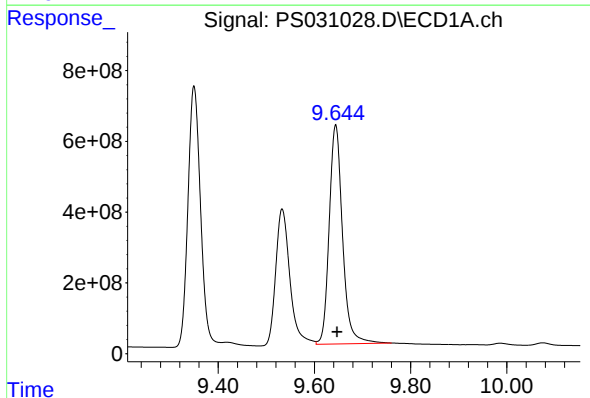
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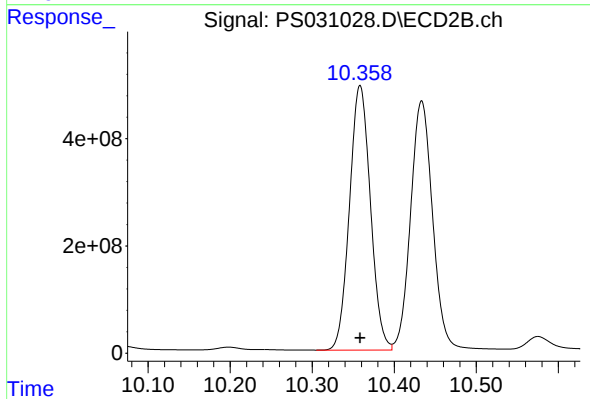
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 9158120894
Conc: 624.03 ng/ml



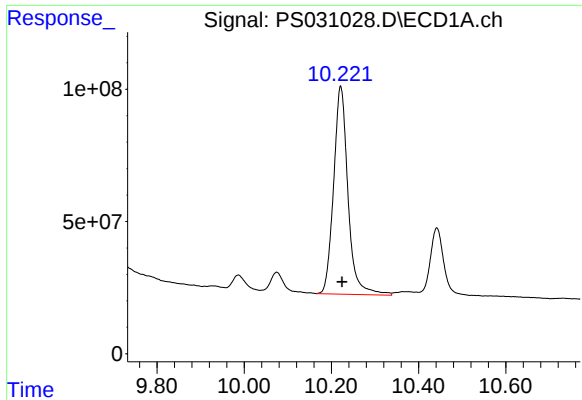
#12 2,4,5-T

R.T.: 9.644 min
Delta R.T.: -0.003 min
Response: 11862921426
Conc: 779.77 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: 0.000 min
Response: 8757825755
Conc: 625.92 ng/ml



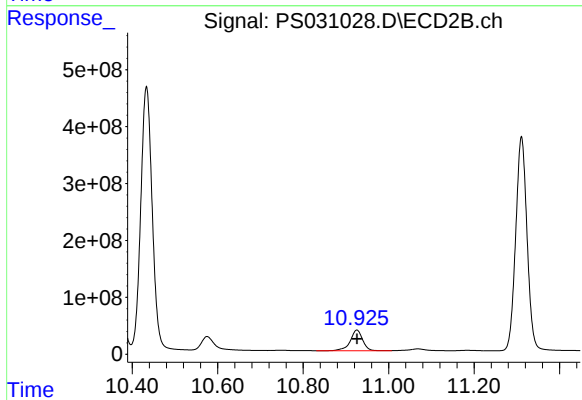
#13 2,4-DB

R.T.: 10.221 min
Delta R.T.: -0.003 min
Response: 1798520782
Conc: 828.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

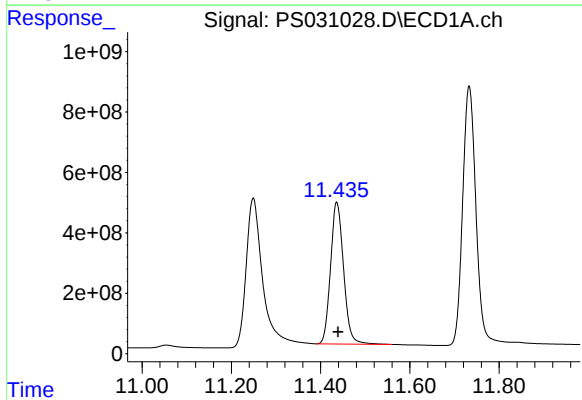
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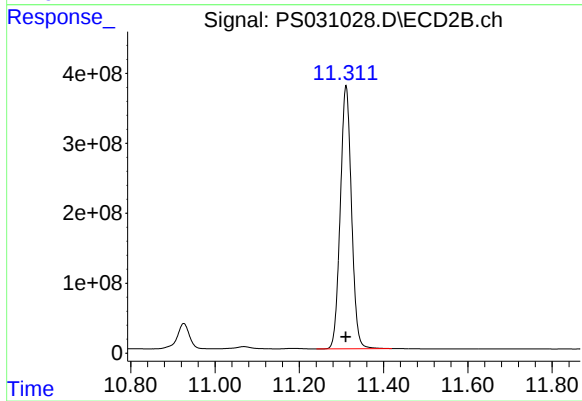
#13 2,4-DB

R.T.: 10.926 min
Delta R.T.: 0.000 min
Response: 728179906
Conc: 615.44 ng/ml



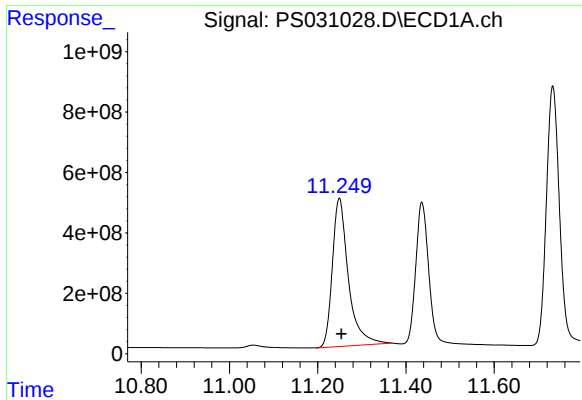
#14 DINOSEB

R.T.: 11.436 min
Delta R.T.: -0.003 min
Response: 9491207845
Conc: 719.91 ng/ml



#14 DINOSEB

R.T.: 11.311 min
Delta R.T.: 0.000 min
Response: 6927880633
Conc: 610.30 ng/ml



#15 Picloram

R.T.: 11.249 min
Delta R.T.: -0.005 min
Response: 12357823151
Conc: 848.06 ng/ml

Instrument :

ECD_S

ClientSampleId :

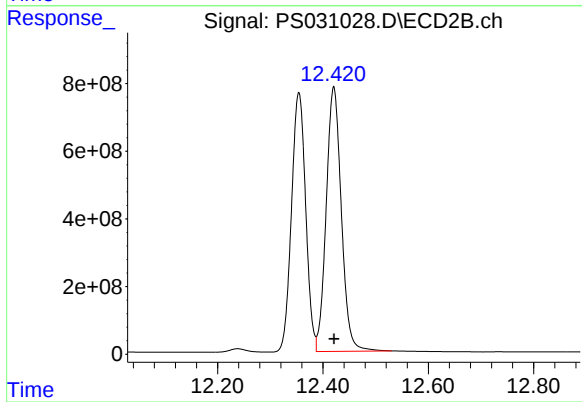
HSTDCCC750

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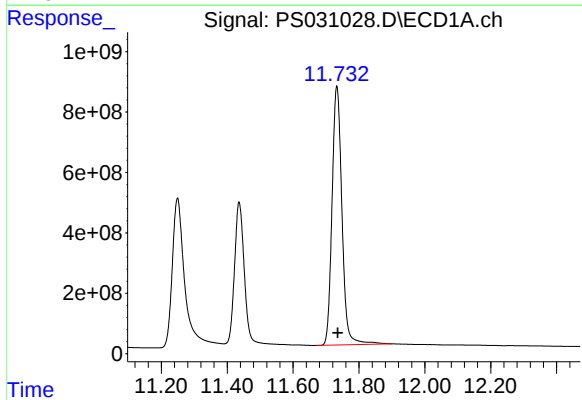
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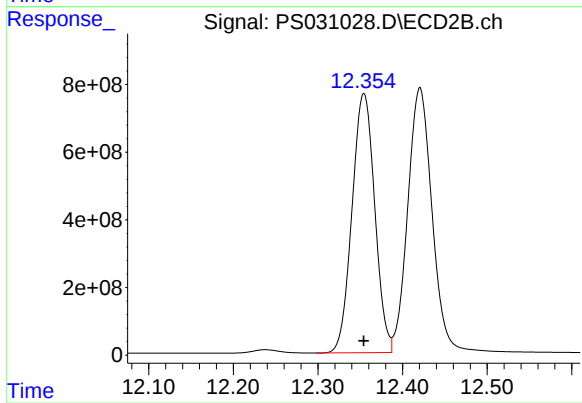
#15 Picloram

R.T.: 12.421 min
Delta R.T.: 0.000 min
Response: 15588956570
Conc: 663.91 ng/ml



#16 DCPA

R.T.: 11.733 min
Delta R.T.: -0.003 min
Response: 17904002387
Conc: 747.96 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: 0.000 min
Response: 14311032785
Conc: 634.58 ng/ml