

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100925\
 Data File : PS031971.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 16:24
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/10/2025
 Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 02:48:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.735	2623.7E6	669.3E6	728.484m	736.365
Target Compounds							
1) T	Dalapon	2.665	2.682	3673.1E6	1815.0E6	635.398	644.153
2) T	3,5-DICHL...	6.447	6.686	3812.3E6	1083.0E6	714.811	710.198m
3) T	4-Nitroph...	7.095	7.288	794.7E6	836.8E6	720.347	662.641
5) T	DICAMBA	7.463	7.931	11679.0E6	4760.2E6	748.810	731.562
6) T	MCPD	7.641	8.027	664.8E6	142.3E6	74.366	75.529m
7) T	MCPA	7.790	8.274	789.1E6	202.0E6	71.027	72.122
8) T	DICHLORPROP	8.172	8.650	2574.4E6	1066.7E6	722.787	733.084
9) T	2,4-D	8.411	8.993	2478.1E6	1118.2E6	723.394	679.721
10) T	Pentachlo...	8.702	9.499	42505.9E6	30538.2E6	800.580	769.407
11) T	2,4,5-TP ...	9.280	9.884	15777.4E6	11052.0E6	752.245	734.142
12) T	2,4,5-T	9.579	10.313	13684.2E6	9307.8E6	747.844	691.669
13) T	2,4-DB	10.156	10.882	1474.2E6	634.1E6	631.973	592.623m
14) T	DINOSEB	11.346	11.255	11782.9E6	8006.1E6	816.973	823.620
15) T	Picloram	11.184	12.381	10641.2E6	14060.4E6	590.812	593.684
16) T	DCPA	11.646	12.296	20942.0E6	18477.9E6	777.073	766.586

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

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Acq On : 09 Oct 2025 16:24
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

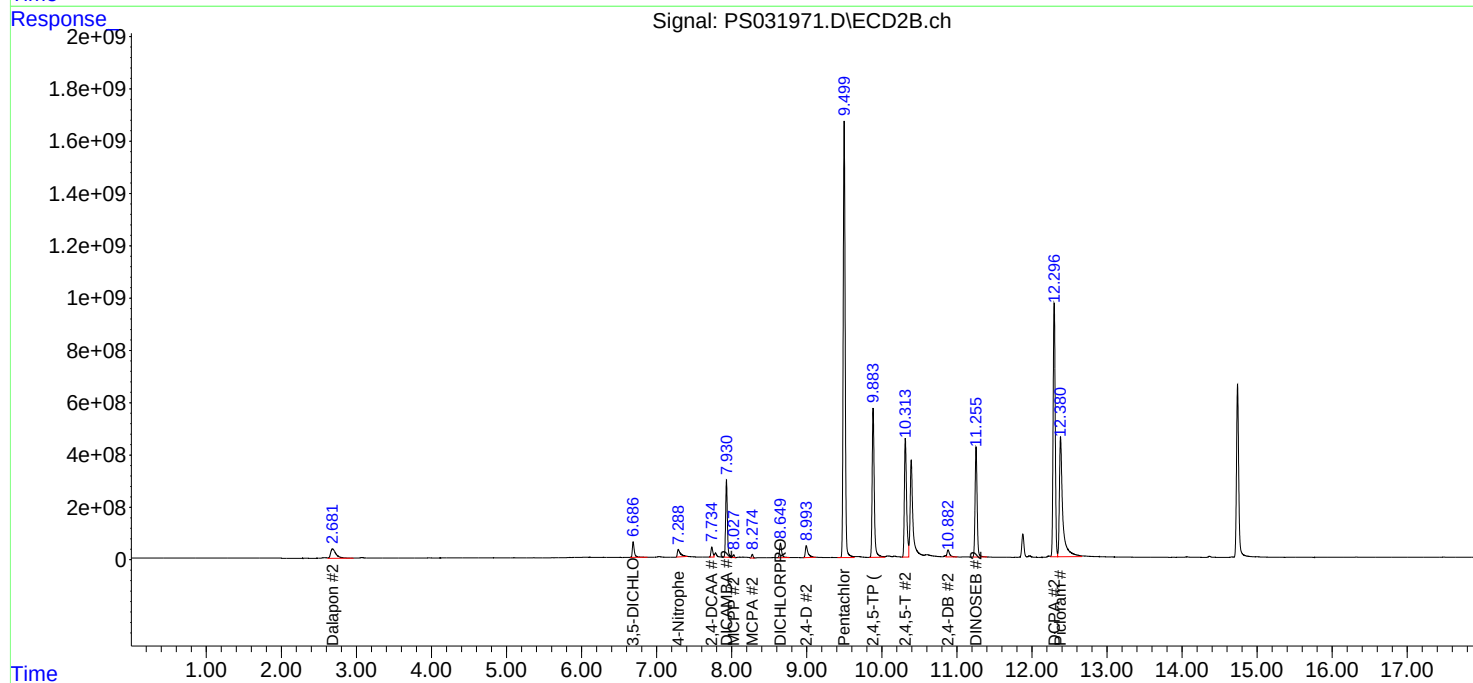
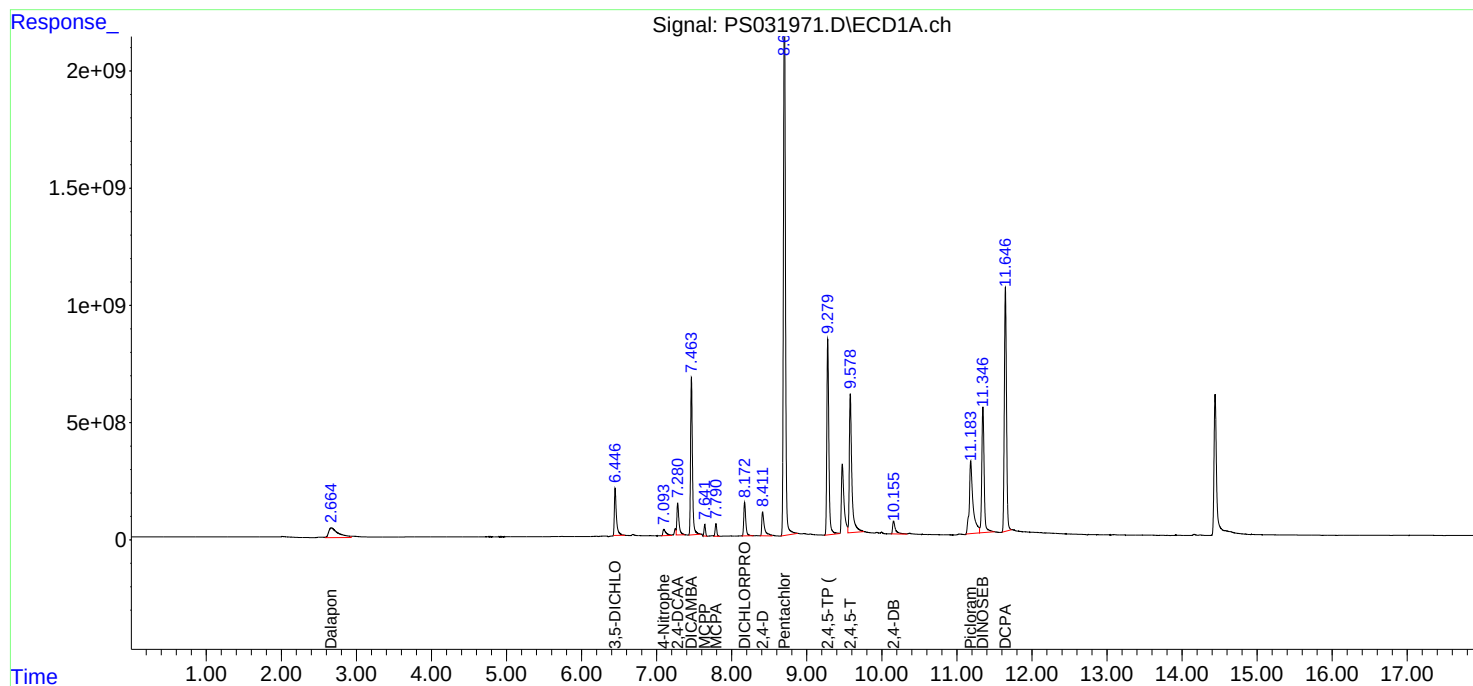
Instrument :
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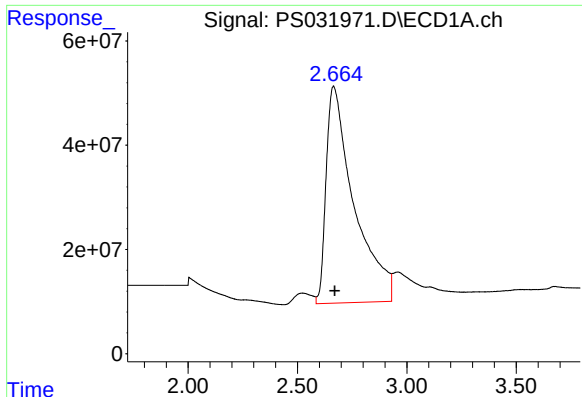
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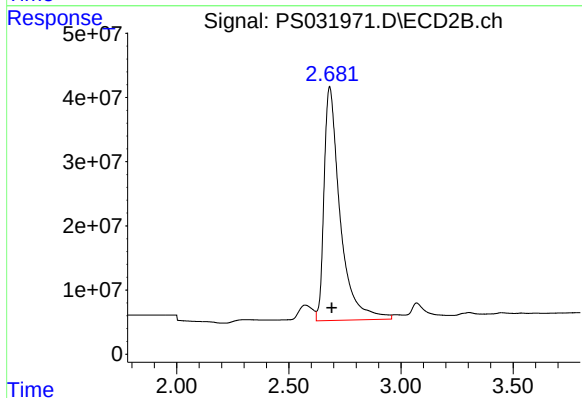
#1 Dalapon

R.T.: 2.665 min
Delta R.T.: -0.006 min
Response: 3673075181
Conc: 635.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

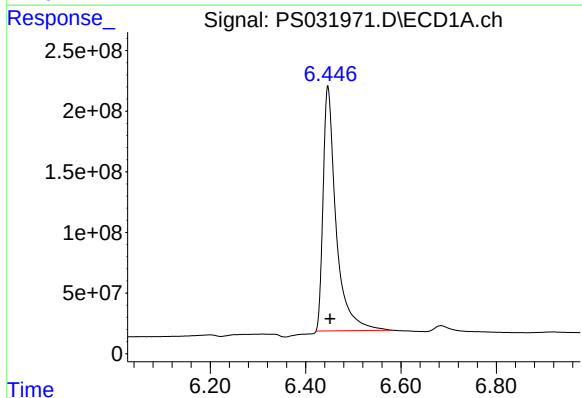
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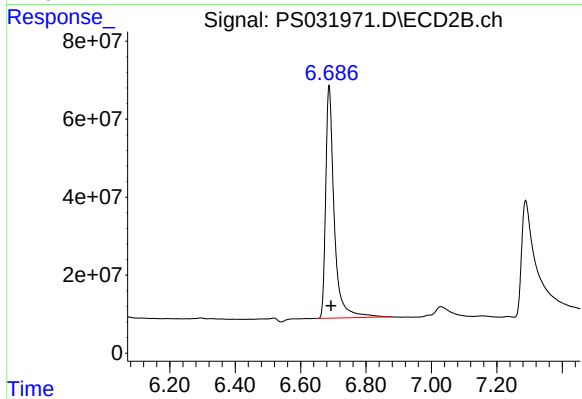
#1 Dalapon

R.T.: 2.682 min
Delta R.T.: -0.010 min
Response: 1814981698
Conc: 644.15 ng/ml



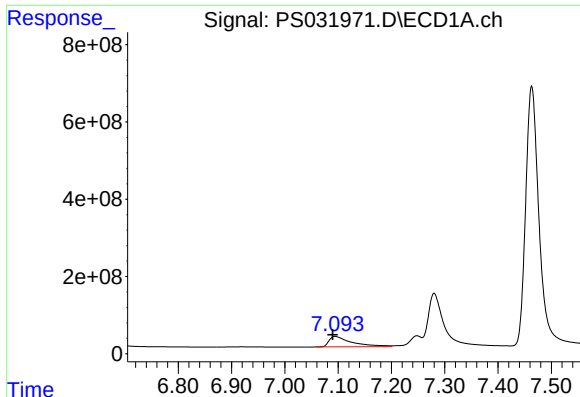
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.447 min
Delta R.T.: -0.005 min
Response: 3812346394
Conc: 714.81 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.686 min
Delta R.T.: -0.006 min
Response: 1083027656
Conc: 710.20 ng/ml m



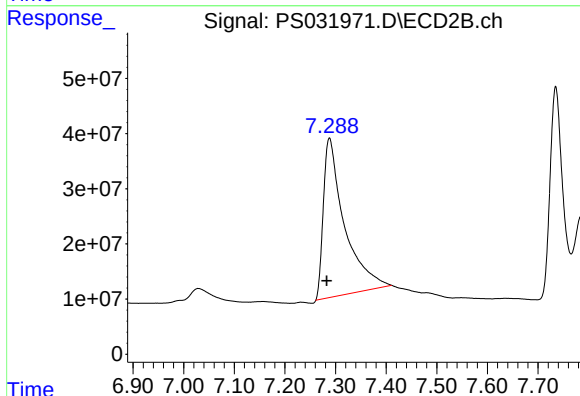
#3 4-Nitrophenol

R.T.: 7.095 min
Delta R.T.: 0.005 min
Response: 794693876
Conc: 720.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

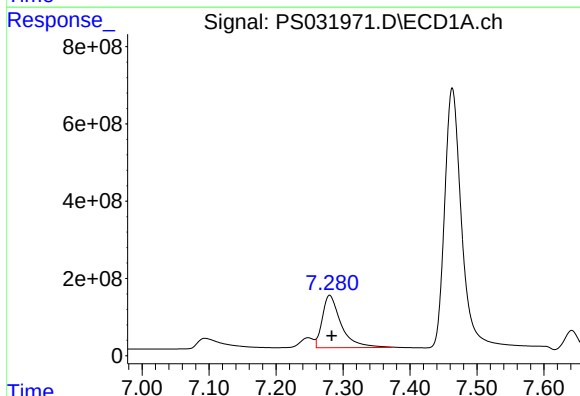
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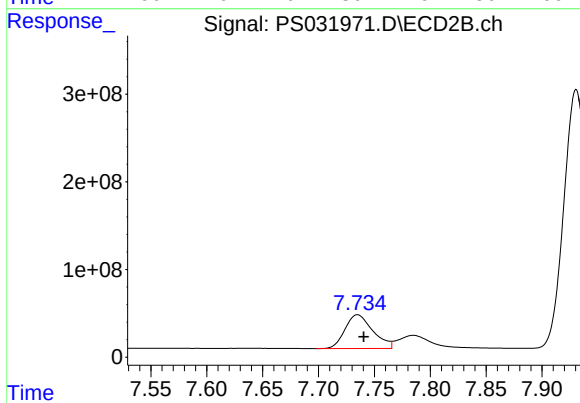
#3 4-Nitrophenol

R.T.: 7.288 min
Delta R.T.: 0.005 min
Response: 836773570
Conc: 662.64 ng/ml



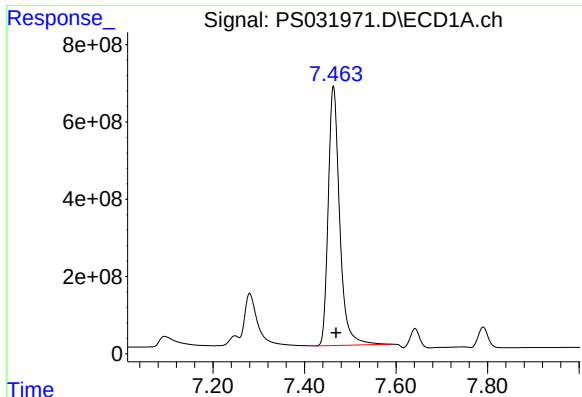
#4 2,4-DCAA

R.T.: 7.280 min
Delta R.T.: -0.003 min
Response: 2623656014
Conc: 728.48 ng/ml m



#4 2,4-DCAA

R.T.: 7.735 min
Delta R.T.: -0.006 min
Response: 669281820
Conc: 736.37 ng/ml



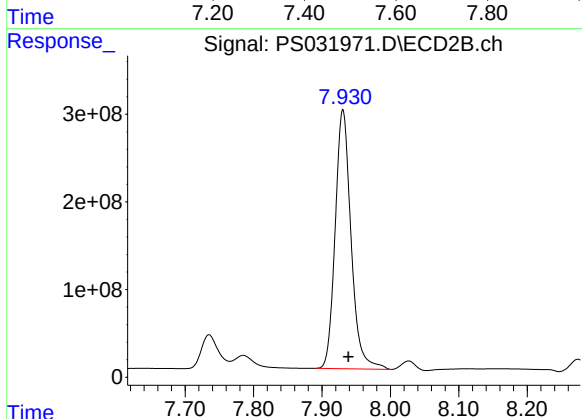
#5 DICAMBA

R.T.: 7.463 min
Delta R.T.: -0.006 min
Response: 11678966290
Conc: 748.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

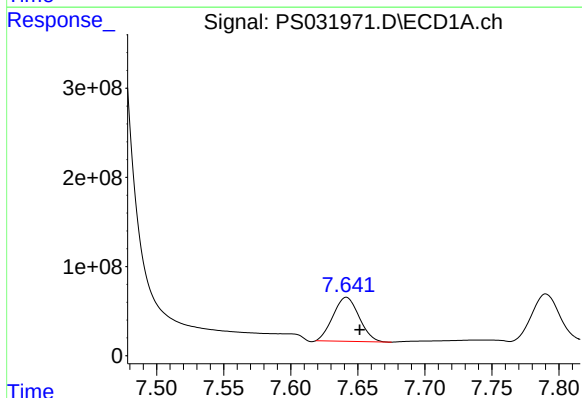
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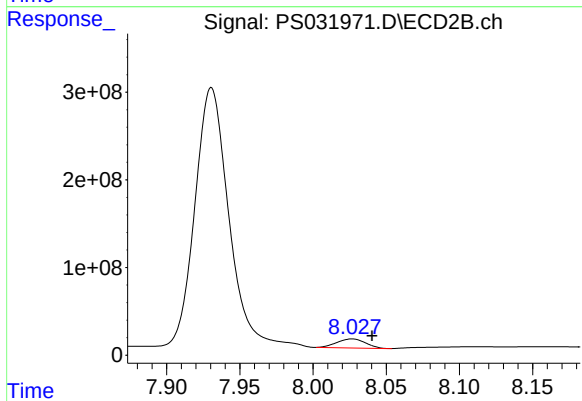
#5 DICAMBA

R.T.: 7.931 min
Delta R.T.: -0.008 min
Response: 4760164358
Conc: 731.56 ng/ml



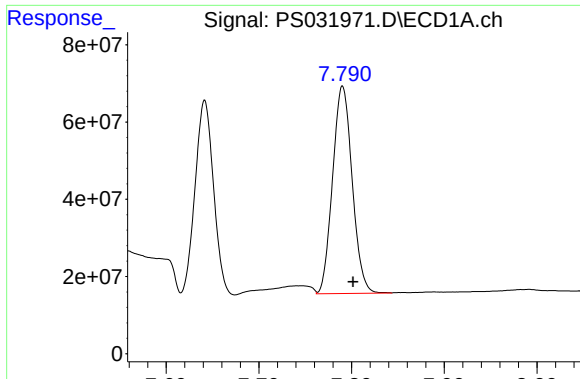
#6 MCP

R.T.: 7.641 min
Delta R.T.: -0.010 min
Response: 664772795
Conc: 74.37 ug/ml



#6 MCP

R.T.: 8.027 min
Delta R.T.: -0.014 min
Response: 142250868
Conc: 75.53 ug/ml m



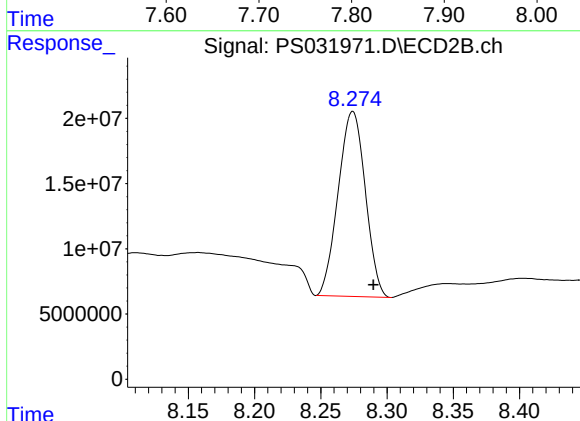
#7 MCPA

R.T.: 7.790 min
Delta R.T.: -0.011 min
Response: 789138767
Conc: 71.03 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

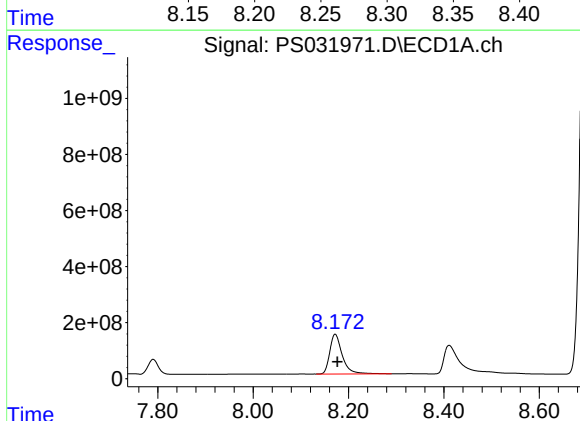
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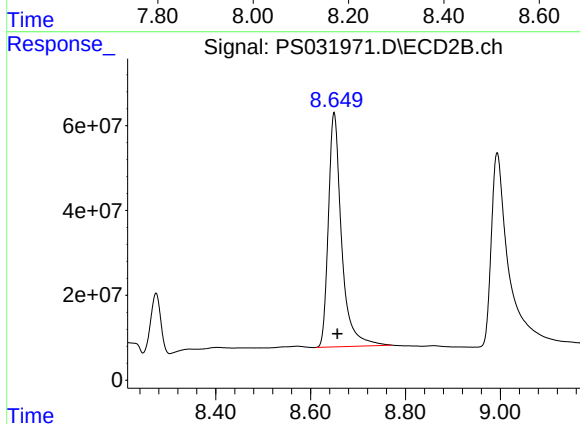
#7 MCPA

R.T.: 8.274 min
Delta R.T.: -0.016 min
Response: 202029502
Conc: 72.12 ug/ml



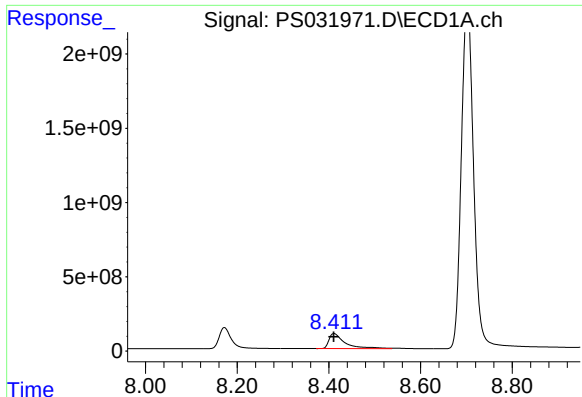
#8 DICHLORPROP

R.T.: 8.172 min
Delta R.T.: -0.004 min
Response: 2574395708
Conc: 722.79 ng/ml



#8 DICHLORPROP

R.T.: 8.650 min
Delta R.T.: -0.007 min
Response: 1066681333
Conc: 733.08 ng/ml



#9 2,4-D

R.T.: 8.411 min
Delta R.T.: 0.000 min
Response: 2478089126
Conc: 723.39 ng/ml

Instrument :

ECD_S

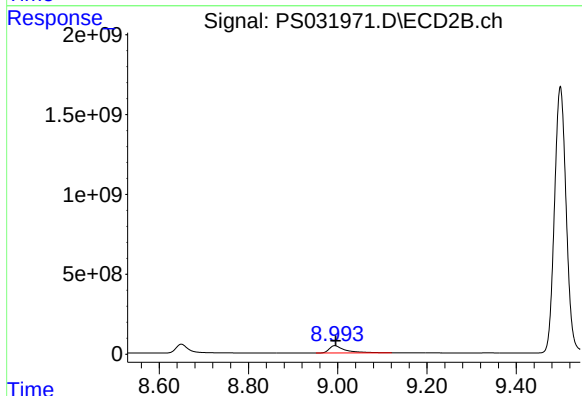
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HSTDCCC750

Manual Integrations

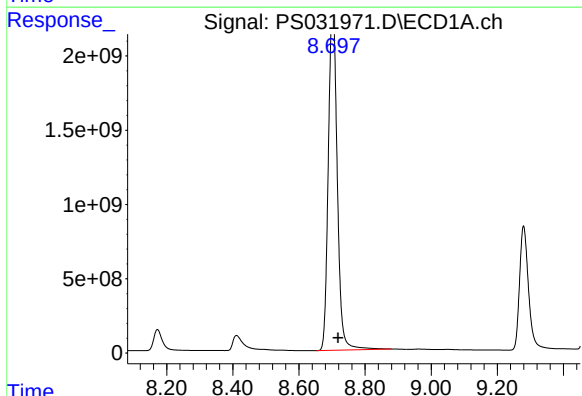
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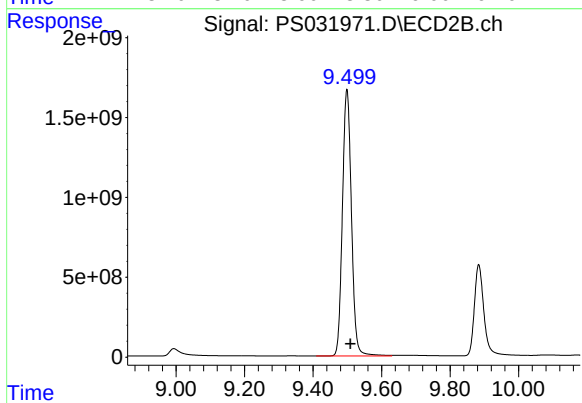
#9 2,4-D

R.T.: 8.993 min
Delta R.T.: -0.002 min
Response: 1118216366
Conc: 679.72 ng/ml



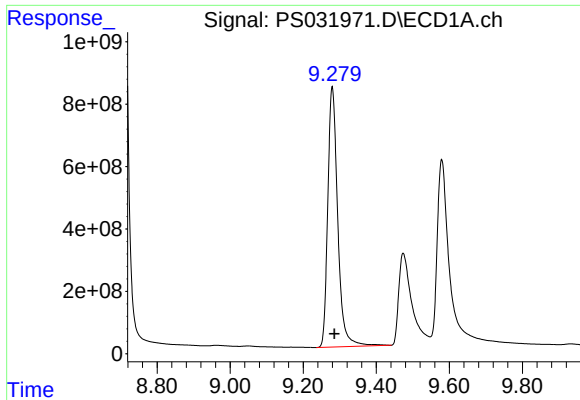
#10 Pentachlorophenol

R.T.: 8.702 min
Delta R.T.: -0.017 min
Response: 42505850906
Conc: 800.58 ng/ml



#10 Pentachlorophenol

R.T.: 9.499 min
Delta R.T.: -0.011 min
Response: 30538172403
Conc: 769.41 ng/ml



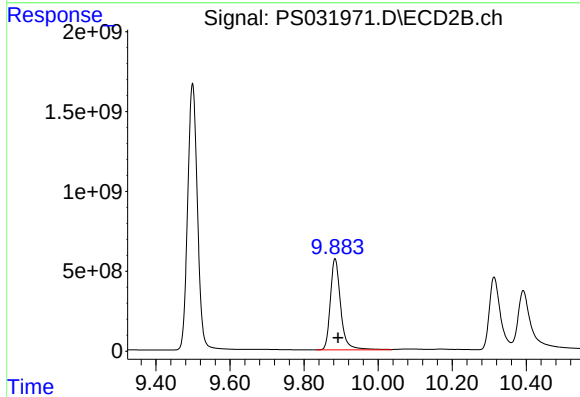
#11 2,4,5-TP (SILVEX)

R.T.: 9.280 min
Delta R.T.: -0.006 min
Response: 15777360341
Conc: 752.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

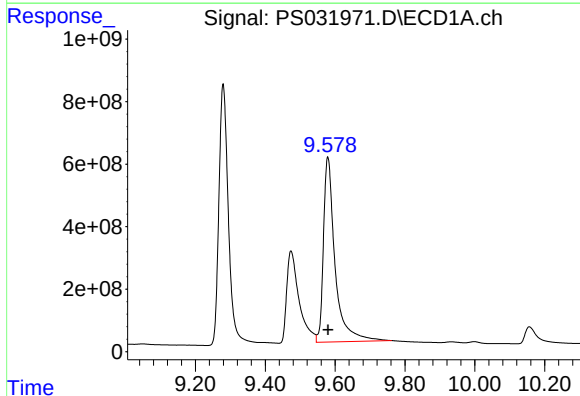
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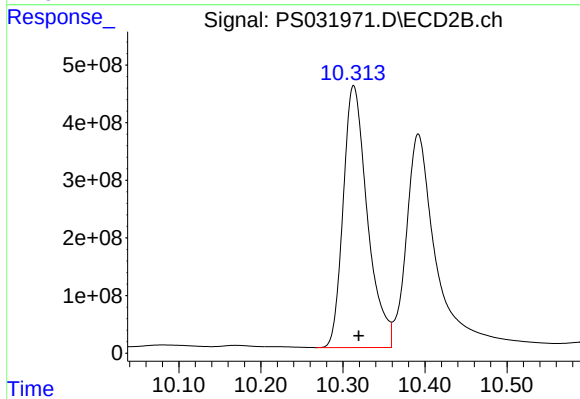
#11 2,4,5-TP (SILVEX)

R.T.: 9.884 min
Delta R.T.: -0.008 min
Response: 11052005609
Conc: 734.14 ng/ml



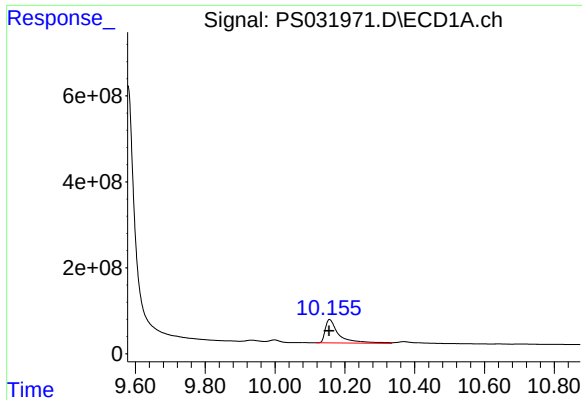
#12 2,4,5-T

R.T.: 9.579 min
Delta R.T.: 0.000 min
Response: 13684181436
Conc: 747.84 ng/ml



#12 2,4,5-T

R.T.: 10.313 min
Delta R.T.: -0.006 min
Response: 9307798108
Conc: 691.67 ng/ml



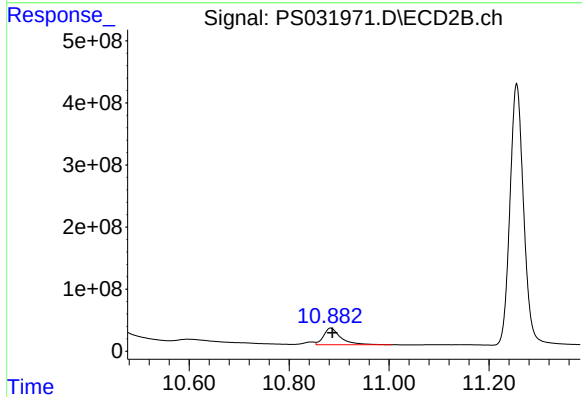
#13 2,4-DB

R.T.: 10.156 min
Delta R.T.: 0.002 min
Response: 1474245196
Conc: 631.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

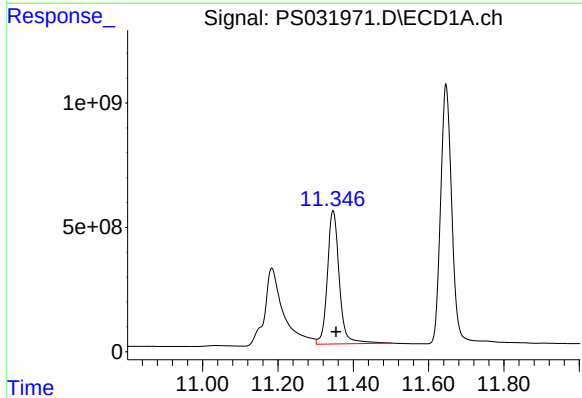
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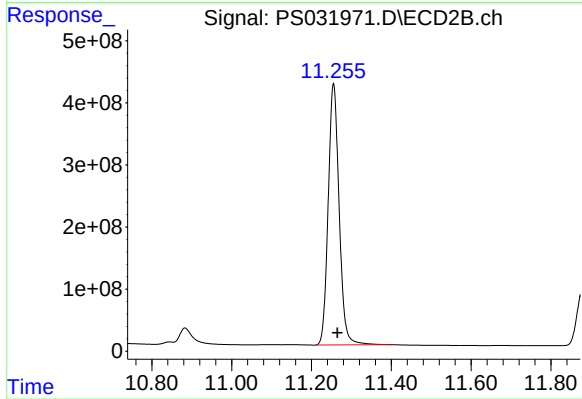
#13 2,4-DB

R.T.: 10.882 min
Delta R.T.: -0.004 min
Response: 634132566
Conc: 592.62 ng/ml m



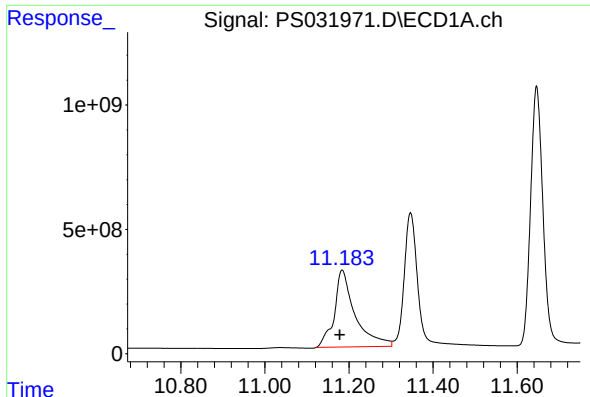
#14 DINOSEB

R.T.: 11.346 min
Delta R.T.: -0.008 min
Response: 11782947839
Conc: 816.97 ng/ml



#14 DINOSEB

R.T.: 11.255 min
Delta R.T.: -0.010 min
Response: 8006144335
Conc: 823.62 ng/ml



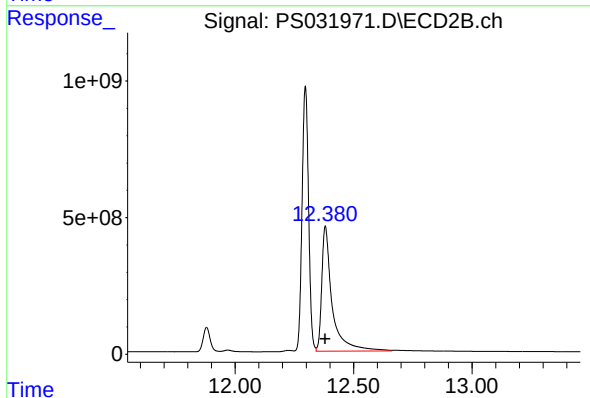
#15 Picloram

R.T.: 11.184 min
Delta R.T.: 0.006 min
Response: 10641167547
Conc: 590.81 ng/ml

Instrument :
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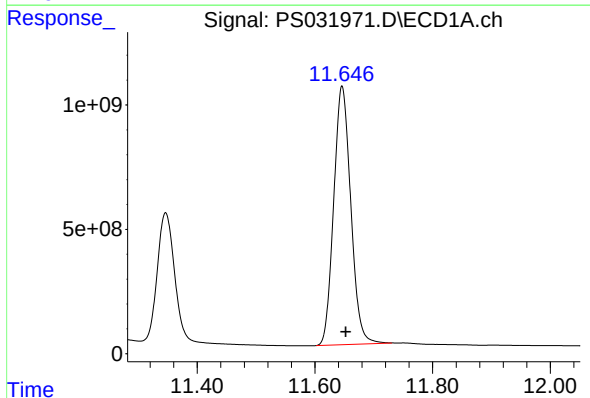
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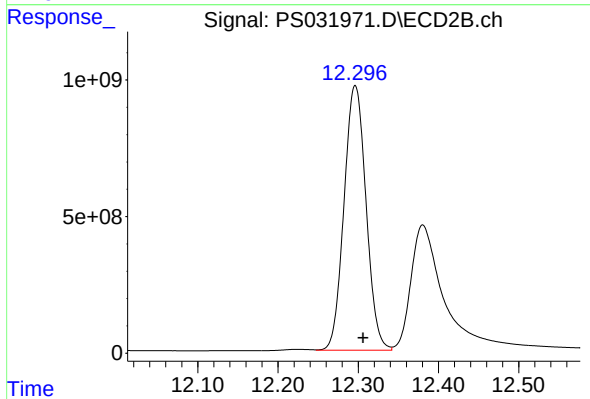
#15 Picloram

R.T.: 12.381 min
Delta R.T.: 0.000 min
Response: 14060371212
Conc: 593.68 ng/ml



#16 DCPA

R.T.: 11.646 min
Delta R.T.: -0.007 min
Response: 20942031934
Conc: 777.07 ng/ml



#16 DCPA

R.T.: 12.296 min
Delta R.T.: -0.010 min
Response: 18477855580
Conc: 766.59 ng/ml