

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090525\
 Data File : PS031640.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2025 15:44
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/08/2025
 Supervised By :mohammad ahmed 09/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 23:29:54 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	7.285	7.742	2633.9E6	611.3E6	829.851	723.174
Target Compounds							
1) T	Dalapon	2.673	2.693	3452.3E6	1677.0E6	657.719	630.217
2) T	3,5-DICHL...	6.453	6.694	3631.8E6	919.2E6	769.714	679.883m
3) T	4-Nitroph...	7.096	7.295	801.1E6	747.4E6	776.481	594.663
5) T	DICAMBA	7.469	7.938	10817.1E6	4201.6E6	774.509	739.376
6) T	MCPD	7.647	8.034	639.3E6	136.5E6	79.470m	77.187m
7) T	MCPA	7.795	8.282	754.9E6	186.5E6	75.787	66.465
8) T	DICHLORPROP	8.177	8.657	2418.6E6	957.5E6	762.367	717.200
9) T	2,4-D	8.414	9.001	2340.3E6	962.5E6	813.511	674.390
10) T	Pentachlo...	8.709	9.507	39842.0E6	27202.1E6	829.827	781.031
11) T	2,4,5-TP ...	9.286	9.892	14644.3E6	9873.6E6	817.035	752.787
12) T	2,4,5-T	9.583	10.322	11894.6E6	8553.9E6	811.850m	722.471
13) T	2,4-DB	10.160	10.890	1366.5E6	598.1E6	711.089m	619.853m
14) T	DINOSEB	11.356	11.265	10461.2E6	7301.0E6	825.116	772.020
15) T	Picloram	11.186	12.389	9428.1E6	10915.3E6	722.232m	622.673
16) T	DCPA	11.655	12.306	19126.9E6	15724.7E6	839.662m	798.192m

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

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Acq On : 05 Sep 2025 15:44
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

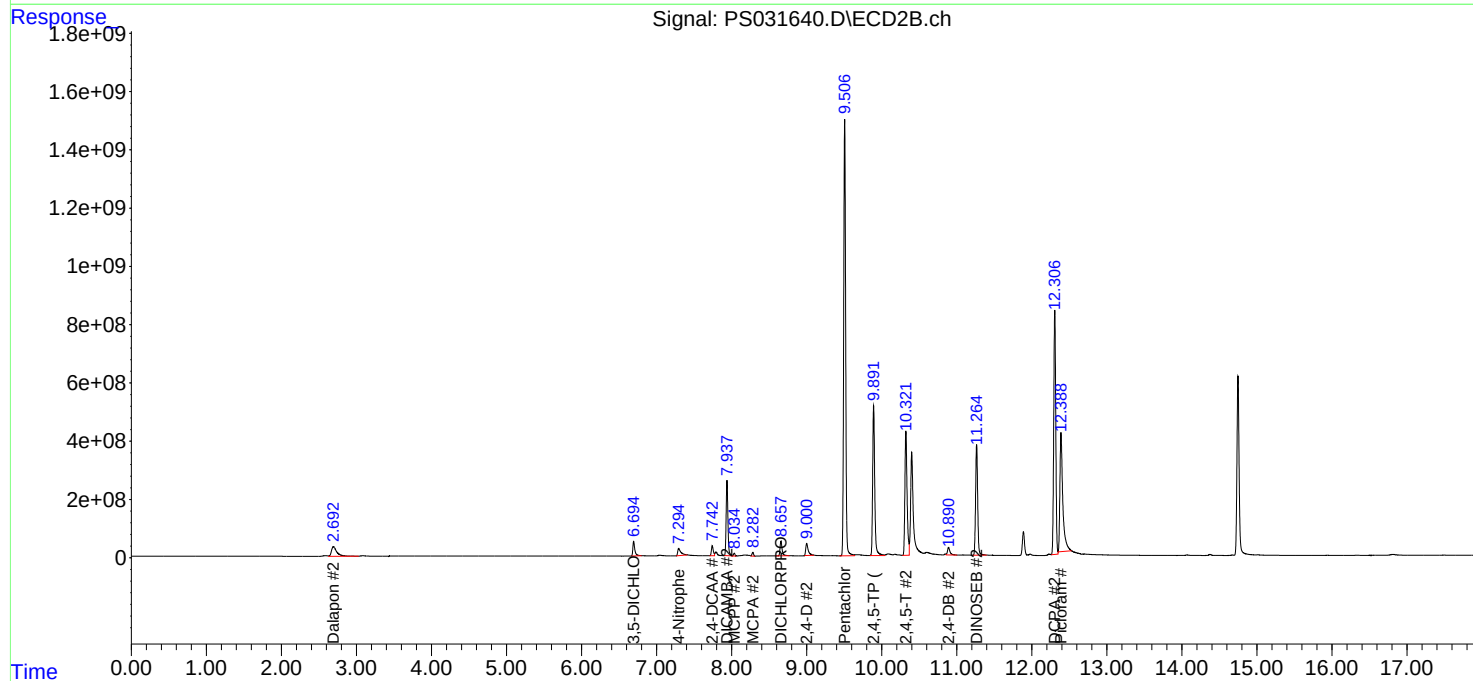
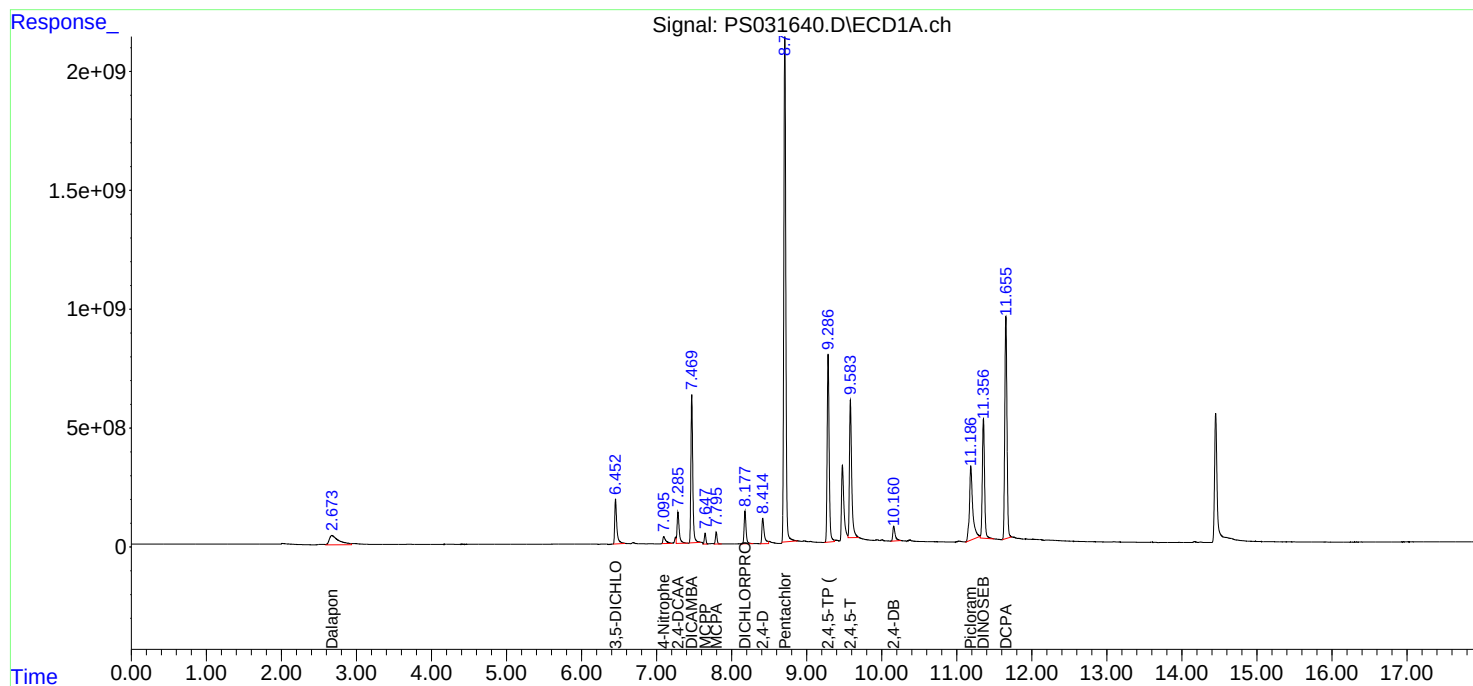
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

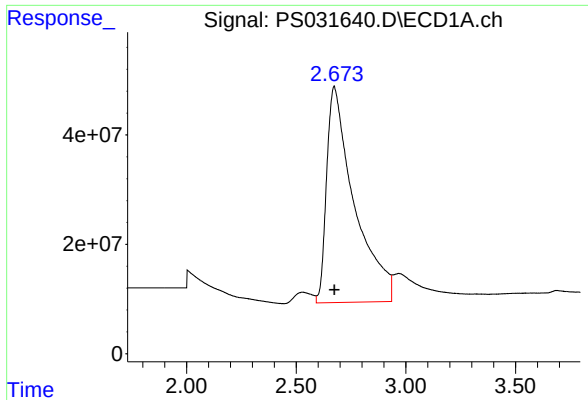
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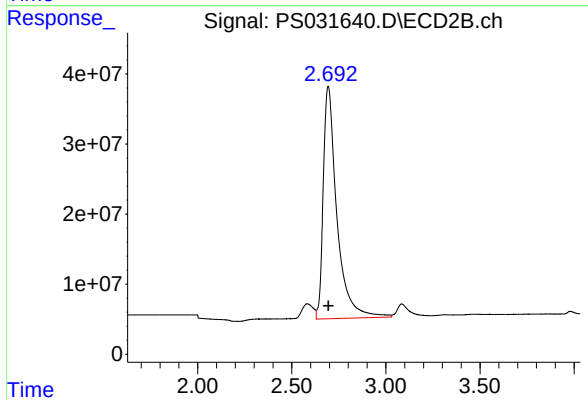
#1 Dalapon

R.T.: 2.673 min
Delta R.T.: -0.001 min
Response: 3452323257
Conc: 657.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

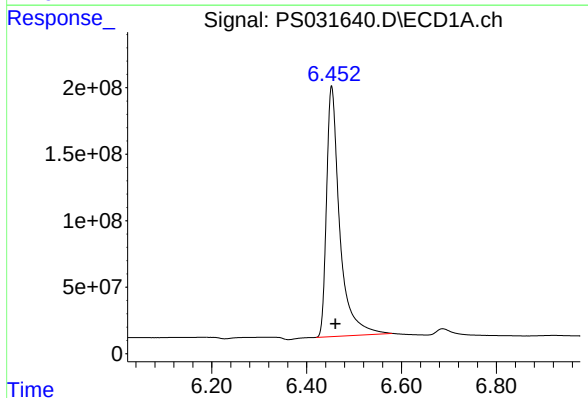
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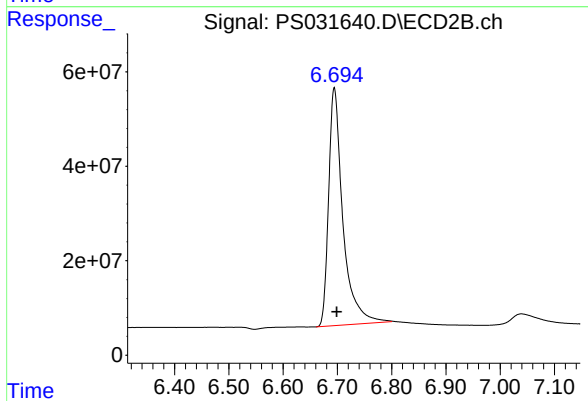
#1 Dalapon

R.T.: 2.693 min
Delta R.T.: -0.002 min
Response: 1677013585
Conc: 630.22 ng/ml



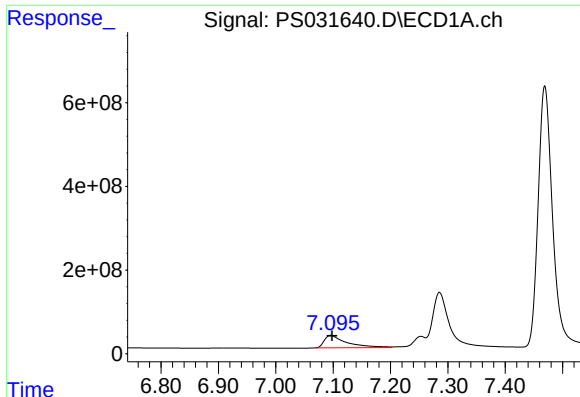
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: -0.008 min
Response: 3631754594
Conc: 769.71 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: -0.005 min
Response: 919154190
Conc: 679.88 ng/ml m



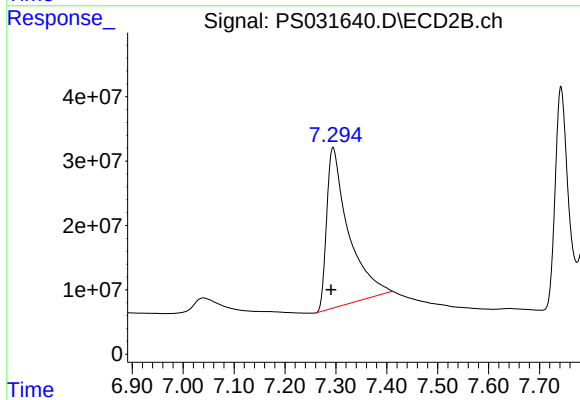
#3 4-Nitrophenol

R.T.: 7.096 min
Delta R.T.: -0.003 min
Response: 801079524
Conc: 776.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

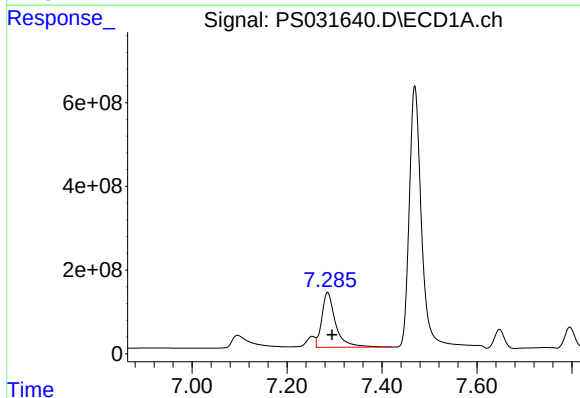
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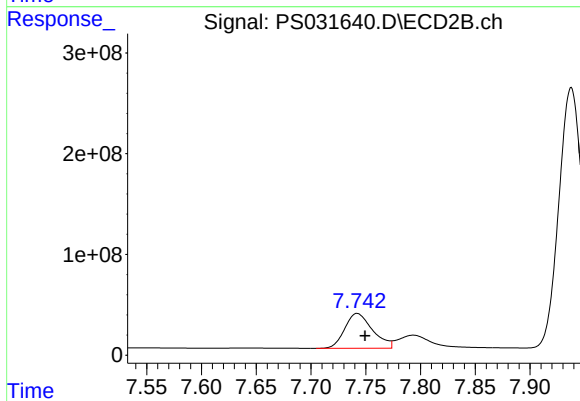
#3 4-Nitrophenol

R.T.: 7.295 min
Delta R.T.: 0.004 min
Response: 747426051
Conc: 594.66 ng/ml



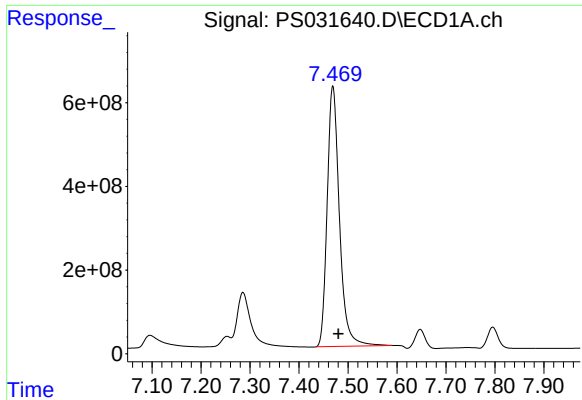
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: -0.009 min
Response: 2633937455
Conc: 829.85 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: -0.007 min
Response: 611327417
Conc: 723.17 ng/ml



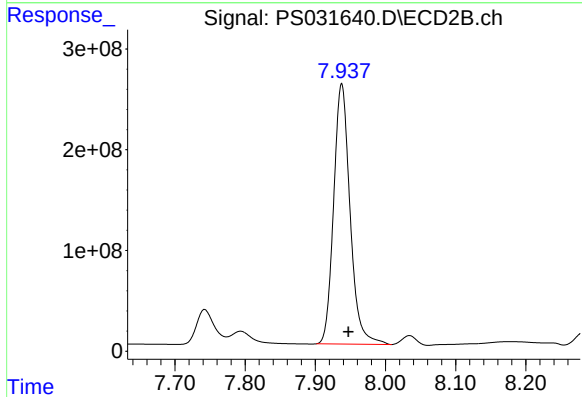
#5 DICAMBA

R.T.: 7.469 min
Delta R.T.: -0.012 min
Response: 10817147969
Conc: 774.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

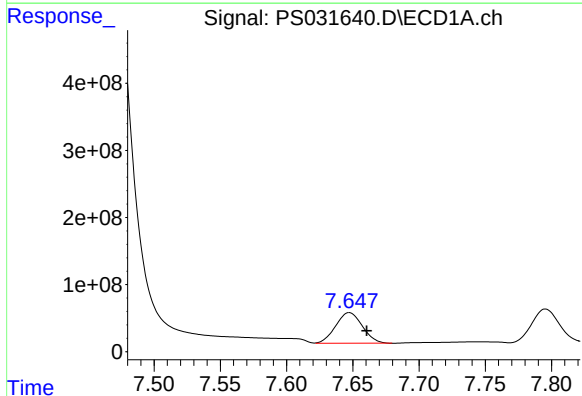
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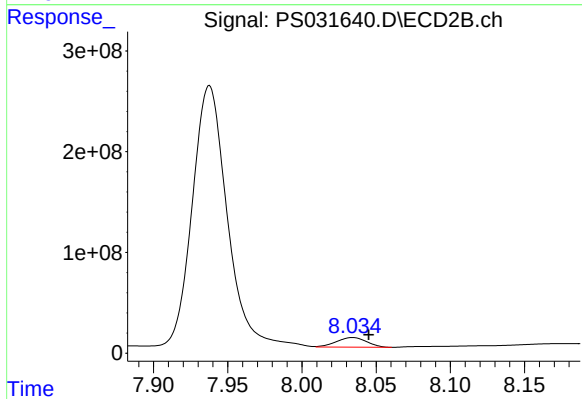
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: -0.010 min
Response: 4201642178
Conc: 739.38 ng/ml



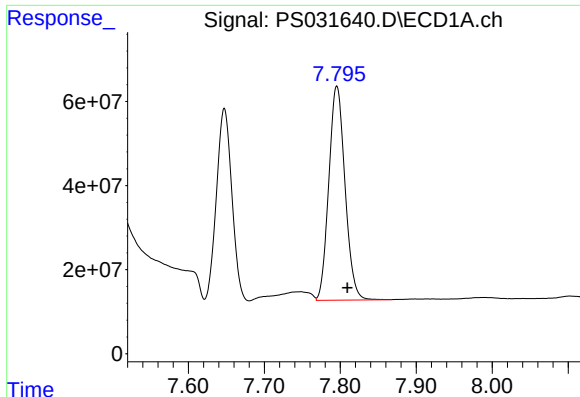
#6 MCP

R.T.: 7.647 min
Delta R.T.: -0.013 min
Response: 639321761
Conc: 79.47 ug/ml m



#6 MCP

R.T.: 8.034 min
Delta R.T.: -0.011 min
Response: 136453837
Conc: 77.19 ug/ml m



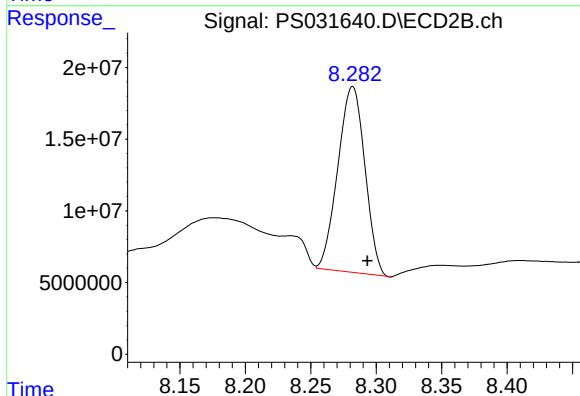
#7 MCPA

R.T.: 7.795 min
Delta R.T.: -0.014 min
Response: 754933203
Conc: 75.79 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

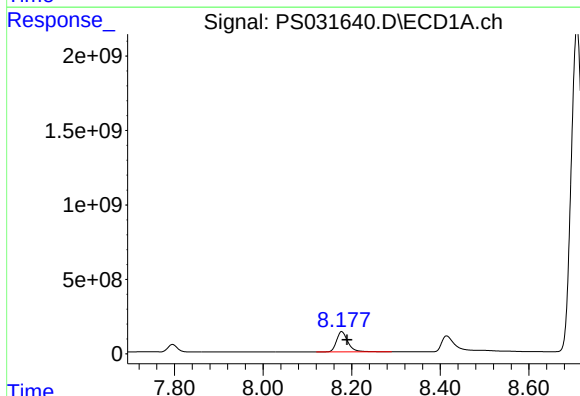
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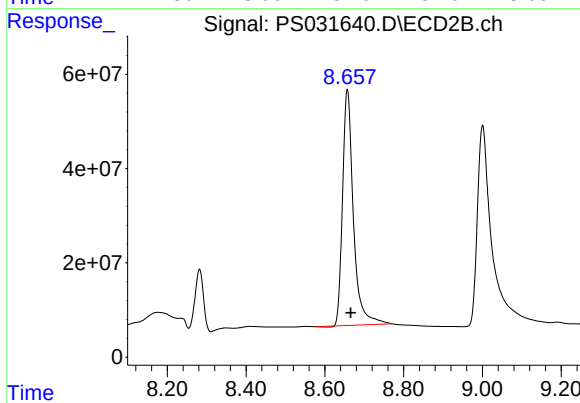
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.011 min
Response: 186467595
Conc: 66.46 ug/ml



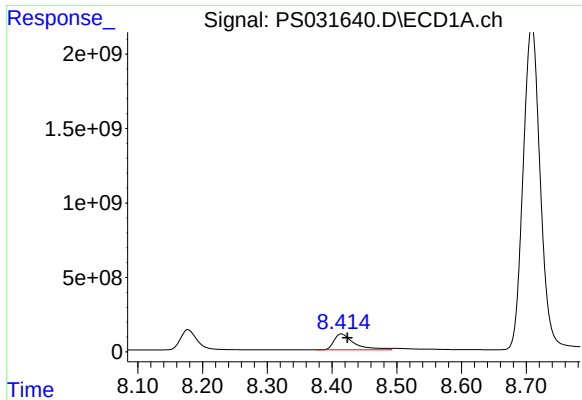
#8 DICHLORPROP

R.T.: 8.177 min
Delta R.T.: -0.012 min
Response: 241855526
Conc: 762.37 ng/ml



#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: -0.009 min
Response: 957485639
Conc: 717.20 ng/ml



#9 2,4-D

R.T.: 8.414 min
Delta R.T.: -0.009 min
Response: 2340321160
Conc: 813.51 ng/ml

Instrument :

ECD_S

ClientSampleId :

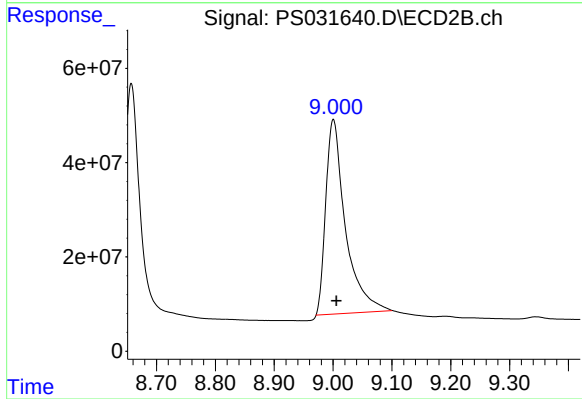
HSTDCCC750

Manual Integrations

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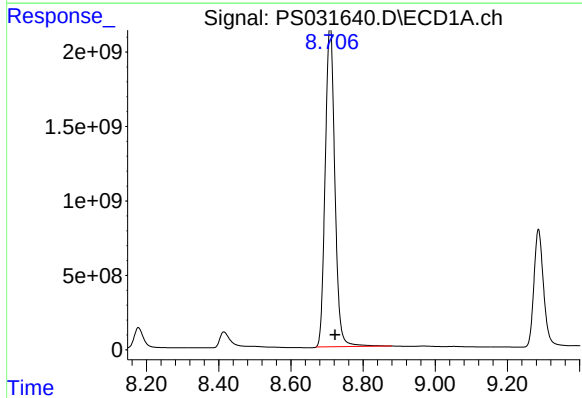
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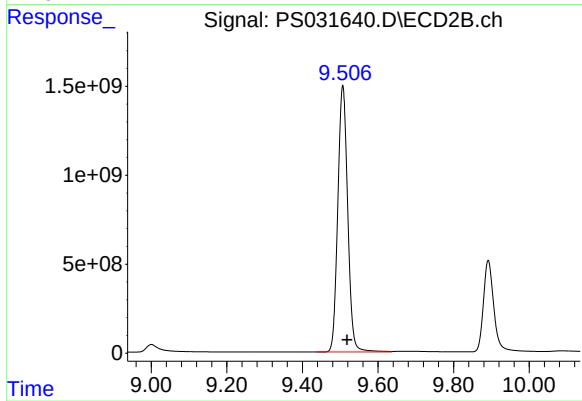
#9 2,4-D

R.T.: 9.001 min
Delta R.T.: -0.005 min
Response: 962547649
Conc: 674.39 ng/ml



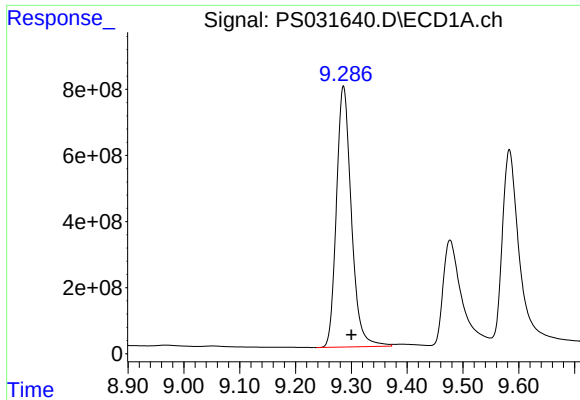
#10 Pentachlorophenol

R.T.: 8.709 min
Delta R.T.: -0.014 min
Response: 39841991329
Conc: 829.83 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.012 min
Response: 27202067348
Conc: 781.03 ng/ml



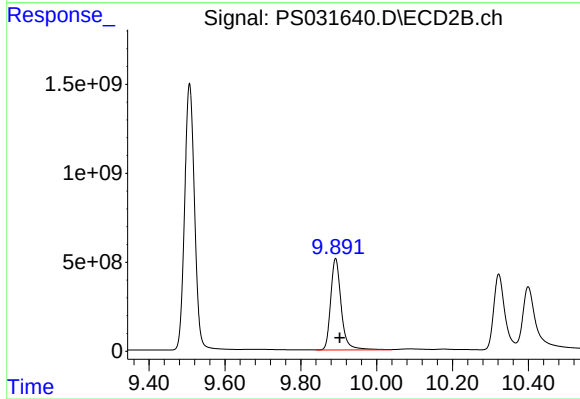
#11 2,4,5-TP (SILVEX)

R.T.: 9.286 min
Delta R.T.: -0.014 min
Response: 14644307765
Conc: 817.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

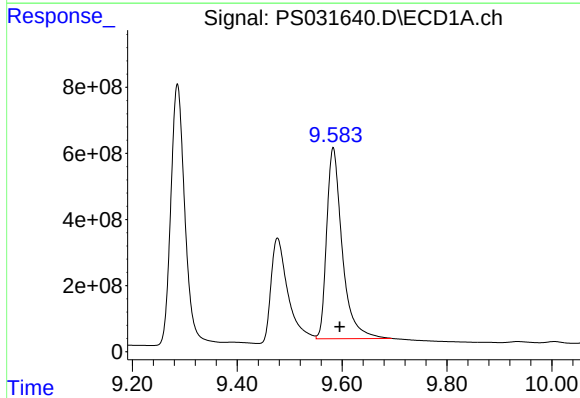
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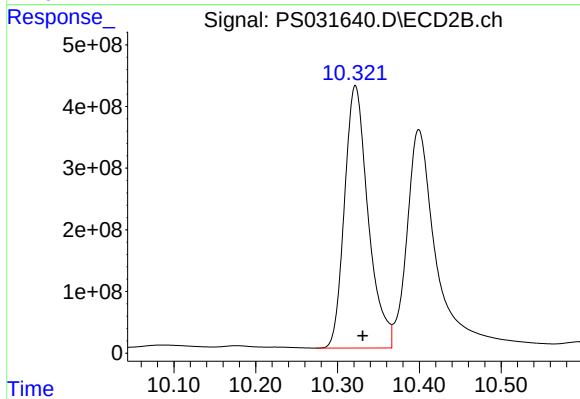
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: -0.011 min
Response: 9873566449
Conc: 752.79 ng/ml



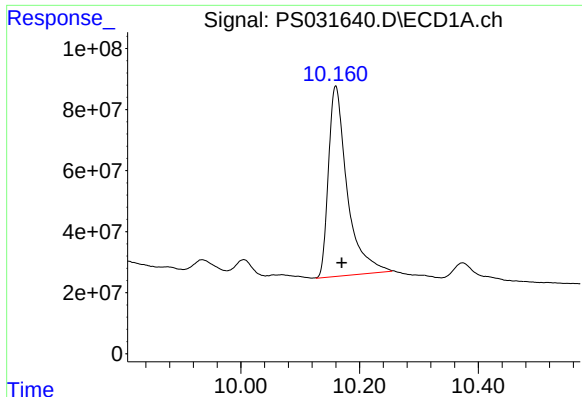
#12 2,4,5-T

R.T.: 9.583 min
Delta R.T.: -0.013 min
Response: 11894597705
Conc: 811.85 ng/ml m



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: -0.009 min
Response: 8553884501
Conc: 722.47 ng/ml



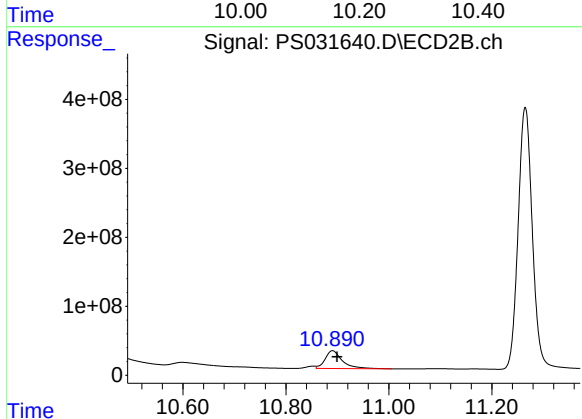
#13 2,4-DB

R.T.: 10.160 min
Delta R.T.: -0.011 min
Response: 1366514528
Conc: 711.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

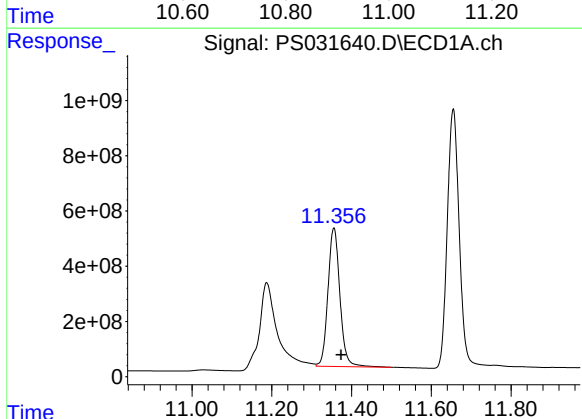
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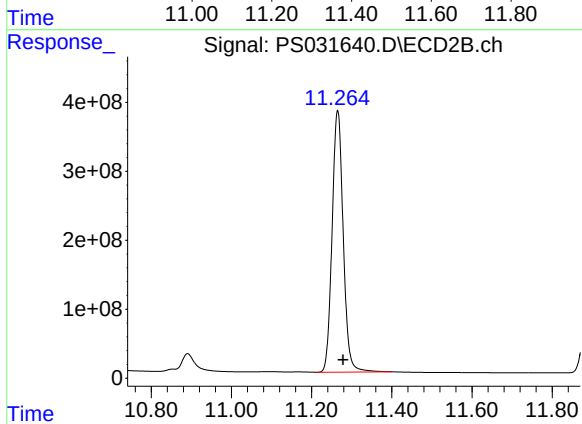
#13 2,4-DB

R.T.: 10.890 min
Delta R.T.: -0.009 min
Response: 598062489
Conc: 619.85 ng/ml m



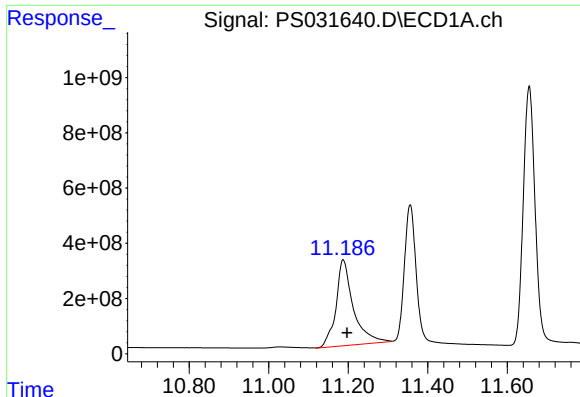
#14 DINOSEB

R.T.: 11.356 min
Delta R.T.: -0.018 min
Response: 10461217940
Conc: 825.12 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: -0.013 min
Response: 7300958262
Conc: 772.02 ng/ml



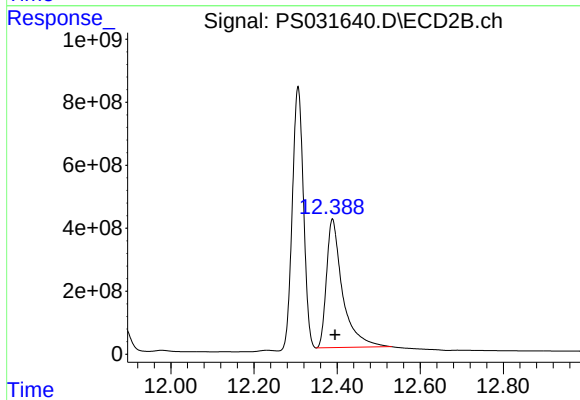
#15 Picloram

R.T.: 11.186 min
Delta R.T.: -0.011 min
Response: 9428121217
Conc: 722.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

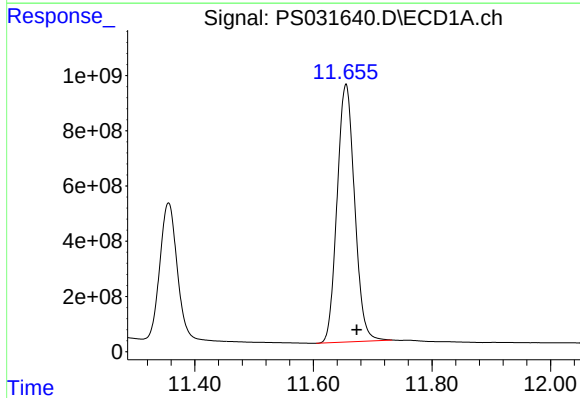
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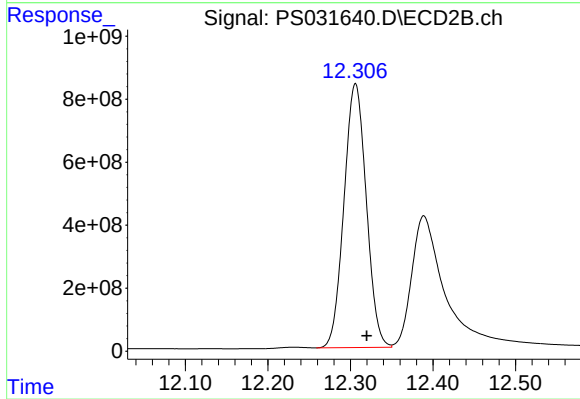
#15 Picloram

R.T.: 12.389 min
Delta R.T.: -0.007 min
Response: 10915284001
Conc: 622.67 ng/ml



#16 DCPA

R.T.: 11.655 min
Delta R.T.: -0.018 min
Response: 19126939464
Conc: 839.66 ng/ml m



#16 DCPA

R.T.: 12.306 min
Delta R.T.: -0.014 min
Response: 15724692099
Conc: 798.19 ng/ml m