

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042825\
 Data File : PS029957.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2025 10:44
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/29/2025
 Supervised By : mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 01:35:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 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 x 0.5 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	6.939	7.462	1725.2E6	510.1E6	700.999	724.081
Target Compounds							
1) T	Dalapon	2.448	2.521	2767.6E6	1143.9E6	675.797	658.894
2) T	3,5-DICHL...	6.144	6.459	2342.2E6	657.6E6	655.395	672.658
3) T	4-Nitroph...	6.729	6.996	1139.3E6	501.0E6	638.846	654.160
5) T	DICAMBA	7.116	7.648	6655.8E6	2761.2E6	672.106	699.031
6) T	MCPD	7.295	7.755	436.4E6	121.2E6	67.729	69.311
7) T	MCPA	7.438	7.986	580.1E6	164.5E6	65.691	69.547
8) T	DICHLORPROP	7.797	8.341	1652.1E6	679.4E6	651.934	676.752m
9) T	2,4-D	8.017	8.655	1897.6E6	765.7E6	674.612	679.357
10) T	Pentachlo...	8.295	9.156	24072.4E6	14503.2E6	690.050	712.871
11) T	2,4,5-TP ...	8.859	9.534	9443.3E6	5780.5E6	681.193	706.517
12) T	2,4,5-T	9.142	9.939	9594.1E6	5434.2E6	682.705	700.043
13) T	2,4-DB	9.700	10.497	1586.8E6	563.5E6	694.319	700.145
14) T	DINOSEB	10.862	10.872	6753.9E6	3984.3E6	663.879	683.300
15) T	Picloram	10.681	11.910	12886.2E6	9295.3E6	702.986	756.726m
16) T	DCPA	11.164	11.905	11743.1E6	7494.1E6	689.919	664.860m

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

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Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

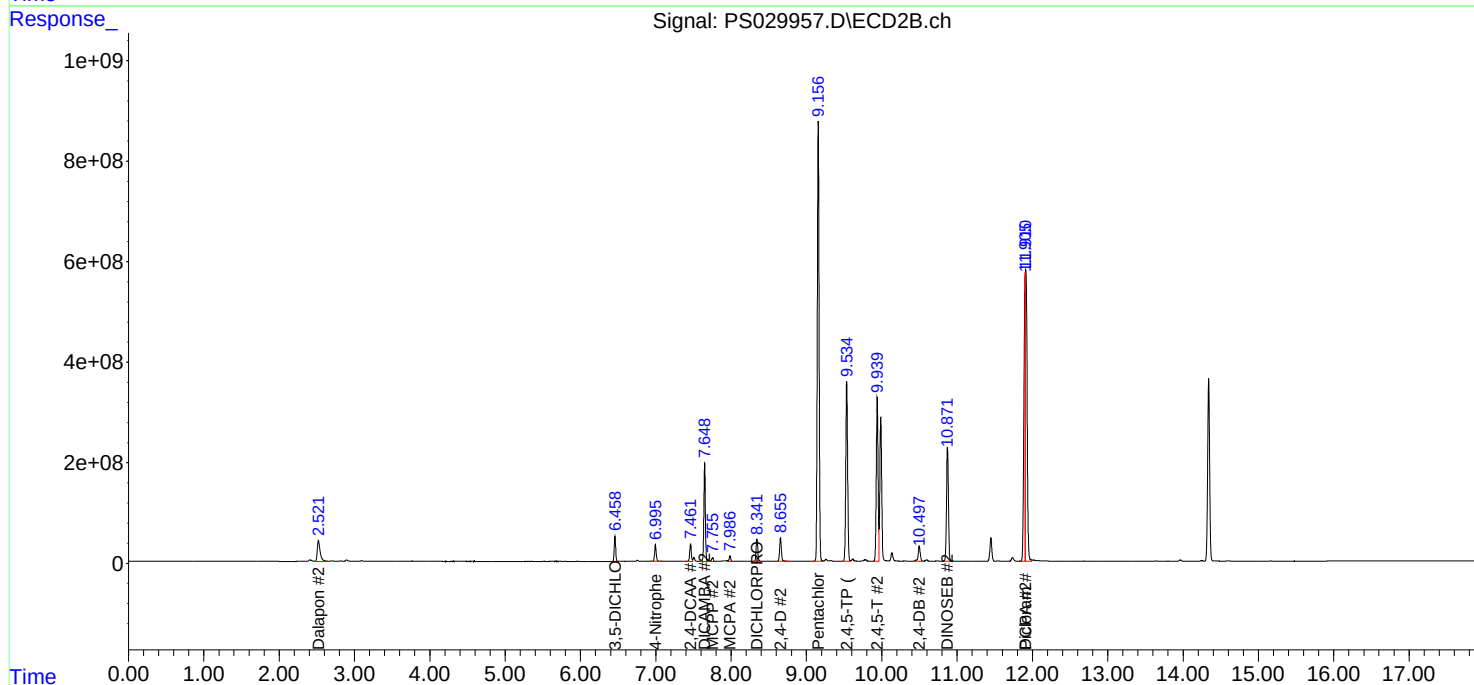
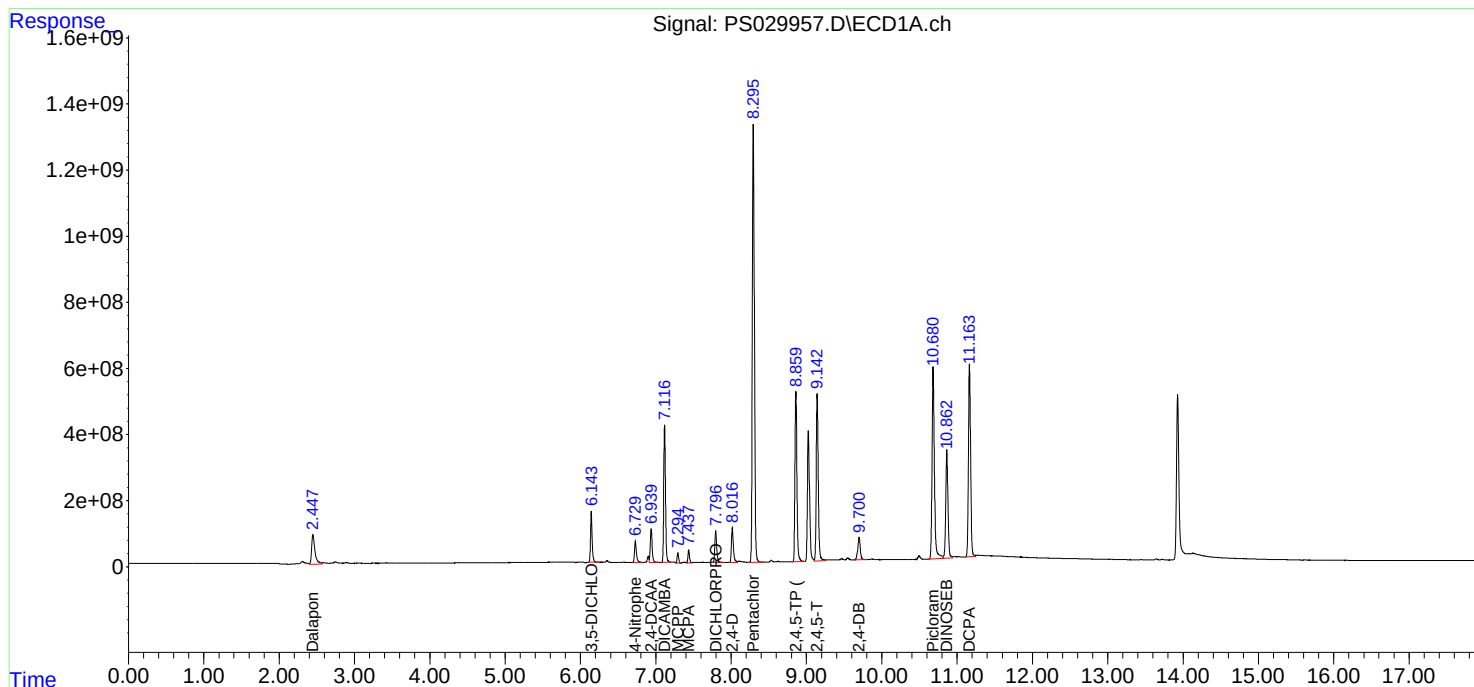
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

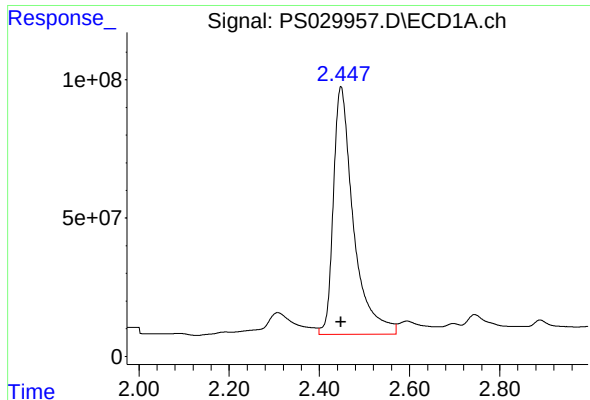
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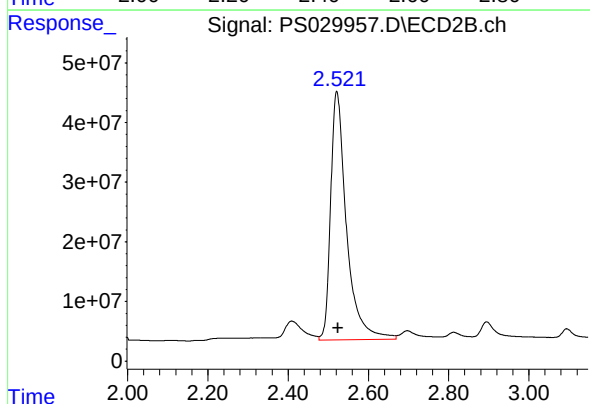
#1 Dalapon

R.T.: 2.448 min
Delta R.T.: 0.000 min
Response: 2767563307
Conc: 675.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

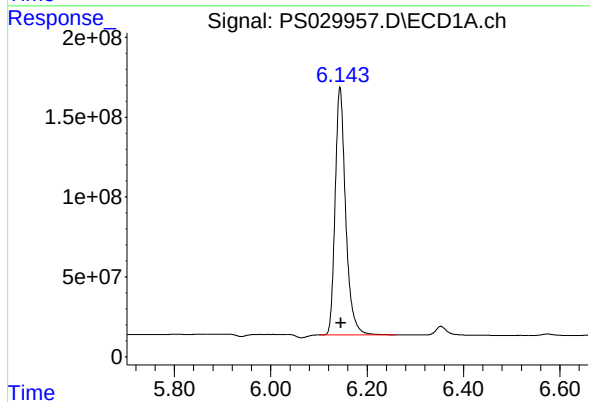
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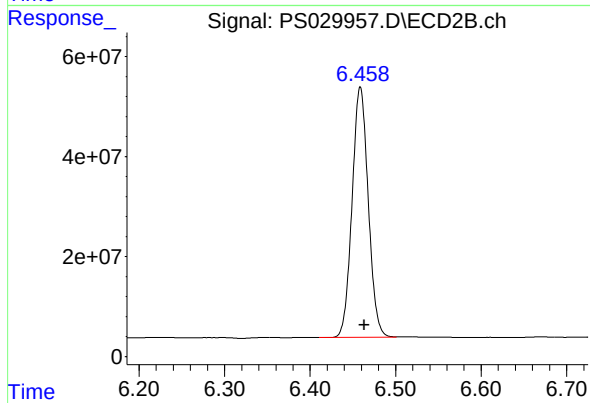
#1 Dalapon

R.T.: 2.521 min
Delta R.T.: -0.003 min
Response: 1143933942
Conc: 658.89 ng/ml



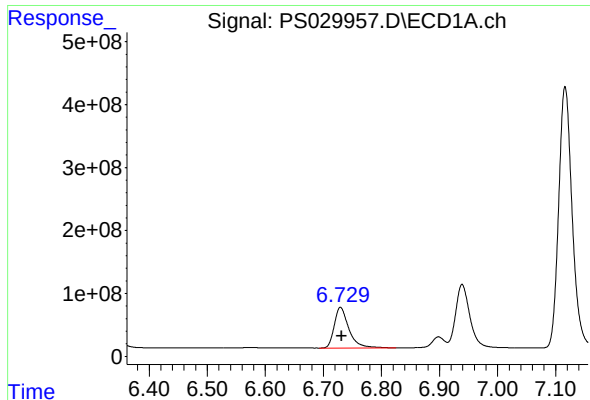
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.144 min
Delta R.T.: -0.002 min
Response: 2342240191
Conc: 655.39 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: -0.004 min
Response: 657576107
Conc: 672.66 ng/ml



#3 4-Nitrophenol

R.T.: 6.729 min
Delta R.T.: -0.002 min
Response: 1139267629
Conc: 638.85 ng/ml

Instrument :

ECD_S

ClientSampleId :

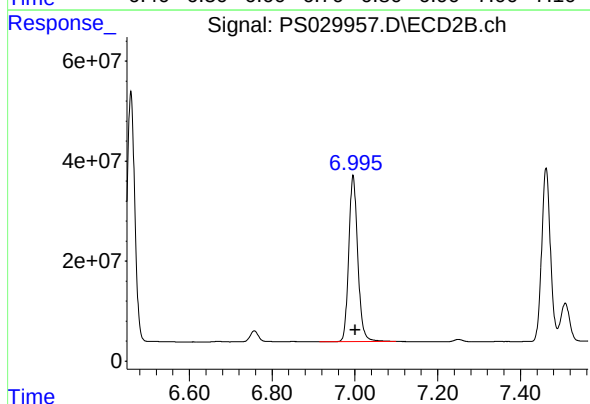
HSTDCCC750

Manual Integrations

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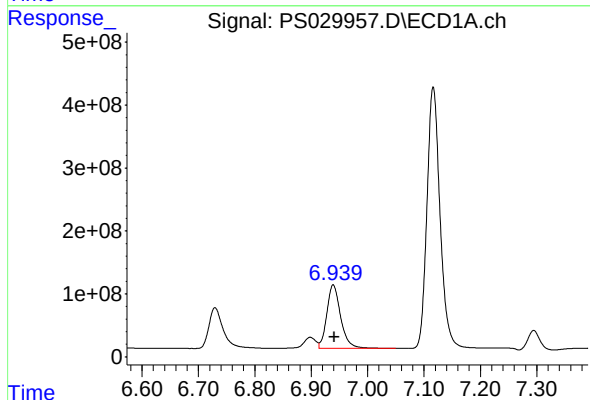
Reviewed By :Abdul Mirza 04/29/2025

Supervised By :mohammad ahmed 05/02/2025



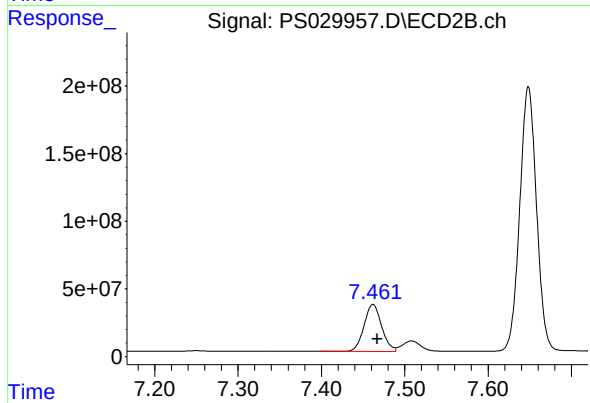
#3 4-Nitrophenol

R.T.: 6.996 min
Delta R.T.: -0.005 min
Response: 501034722
Conc: 654.16 ng/ml



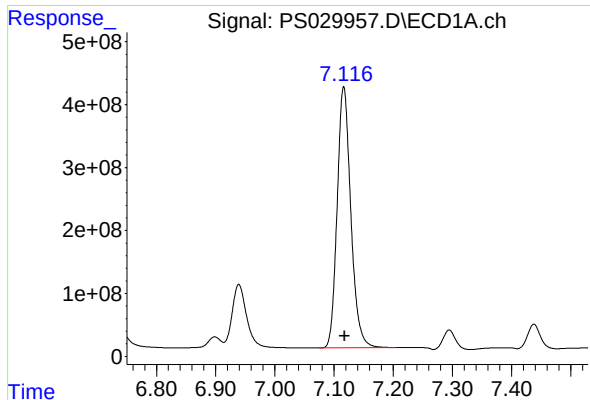
#4 2,4-DCAA

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 1725215035
Conc: 701.00 ng/ml



#4 2,4-DCAA

R.T.: 7.462 min
Delta R.T.: -0.005 min
Response: 510127557
Conc: 724.08 ng/ml



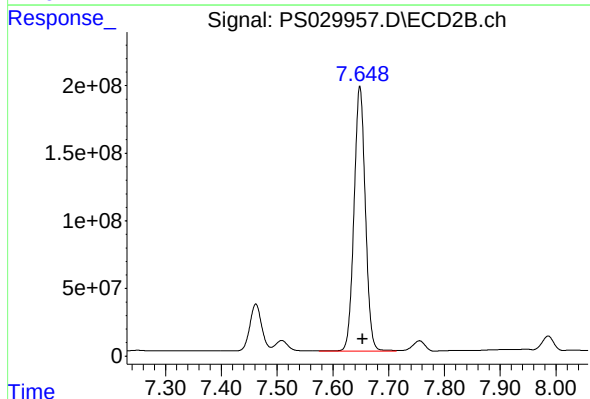
#5 DICAMBA

R.T.: 7.116 min
Delta R.T.: -0.001 min
Response: 6655772202
Conc: 672.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

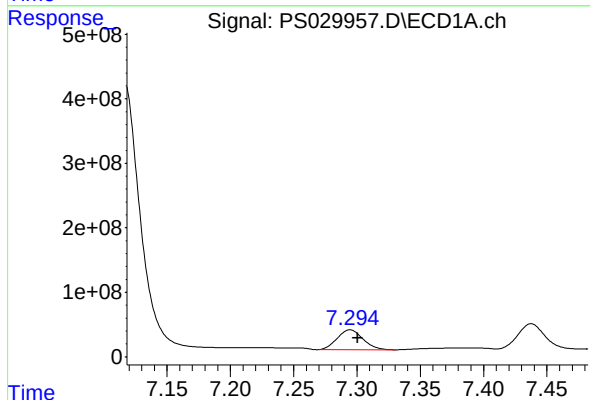
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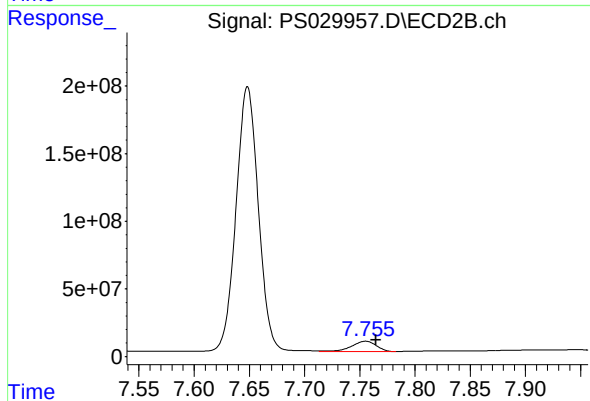
#5 DICAMBA

R.T.: 7.648 min
Delta R.T.: -0.005 min
Response: 2761217590
Conc: 699.03 ng/ml



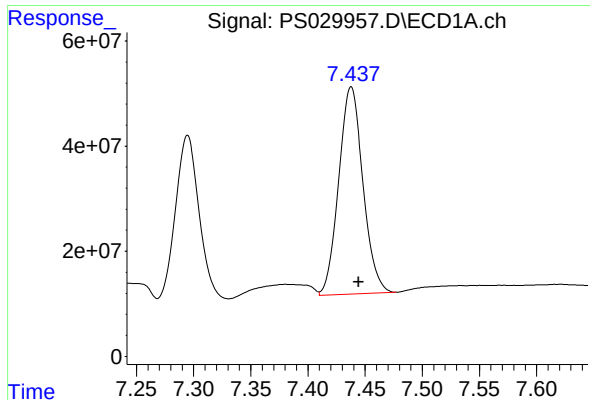
#6 MCP

R.T.: 7.295 min
Delta R.T.: -0.006 min
Response: 436424086
Conc: 67.73 ug/ml



#6 MCP

R.T.: 7.755 min
Delta R.T.: -0.009 min
Response: 121221391
Conc: 69.31 ug/ml



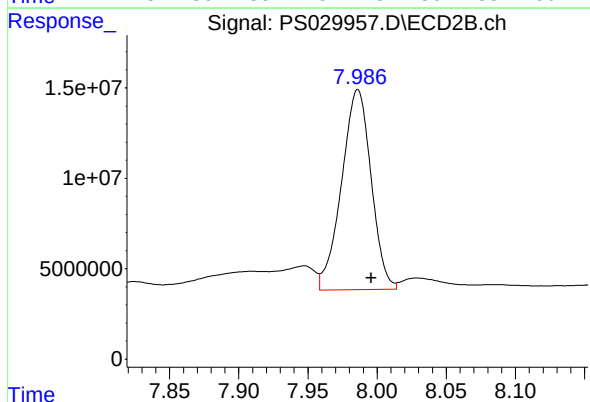
#7 MCPA

R.T.: 7.438 min
Delta R.T.: -0.007 min
Response: 580138130
Conc: 65.69 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

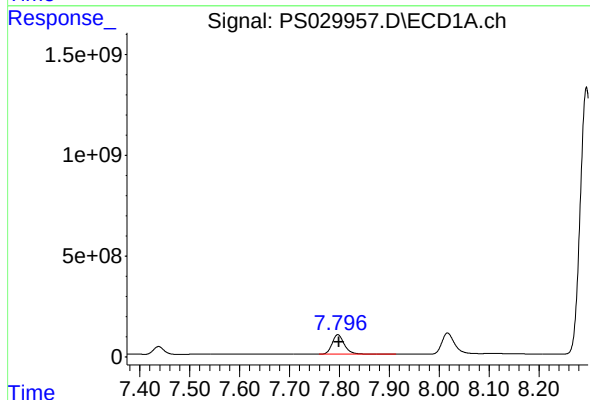
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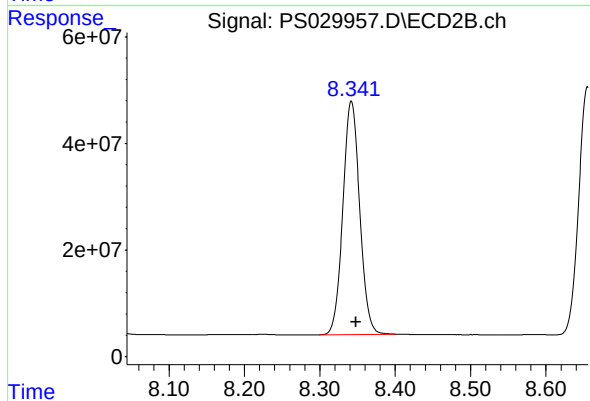
#7 MCPA

R.T.: 7.986 min
Delta R.T.: -0.010 min
Response: 164534769
Conc: 69.55 ug/ml



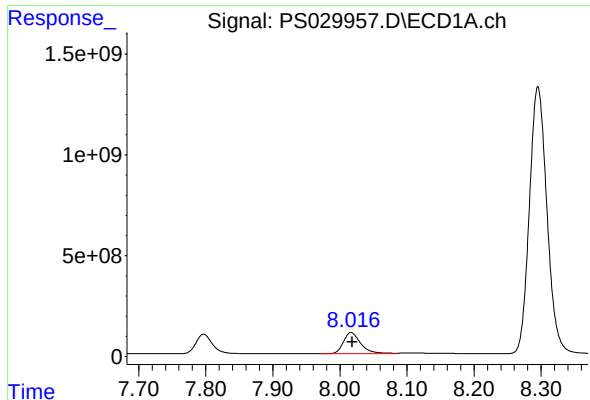
#8 DICHLORPROP

R.T.: 7.797 min
Delta R.T.: -0.002 min
Response: 1652072248
Conc: 651.93 ng/ml



#8 DICHLORPROP

R.T.: 8.341 min
Delta R.T.: -0.006 min
Response: 679435079
Conc: 676.75 ng/ml m



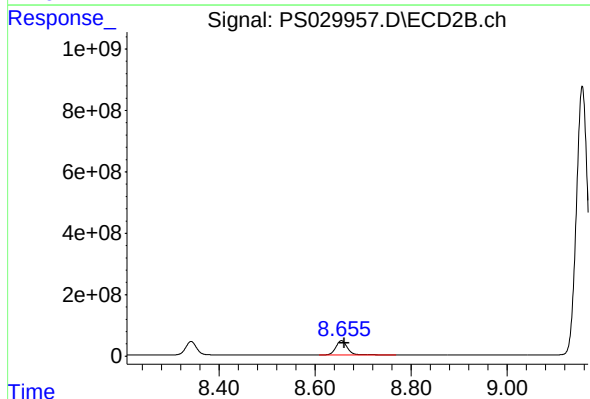
#9 2,4-D

R.T.: 8.017 min
Delta R.T.: -0.002 min
Response: 1897595541
Conc: 674.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

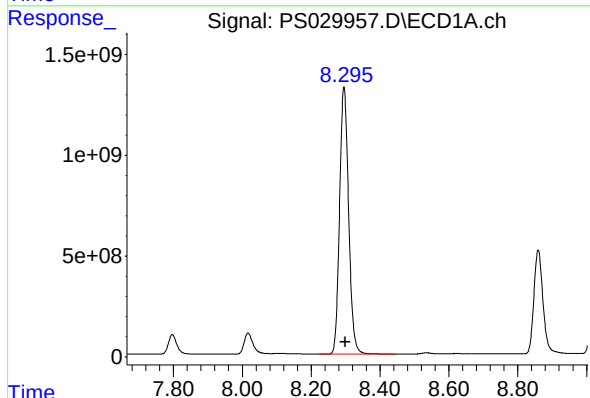
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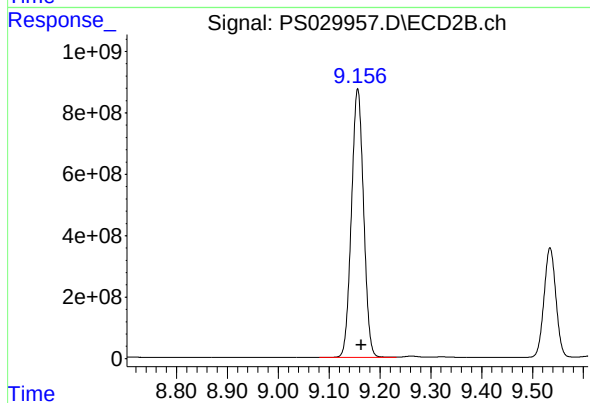
#9 2,4-D

R.T.: 8.655 min
Delta R.T.: -0.006 min
Response: 765708600
Conc: 679.36 ng/ml



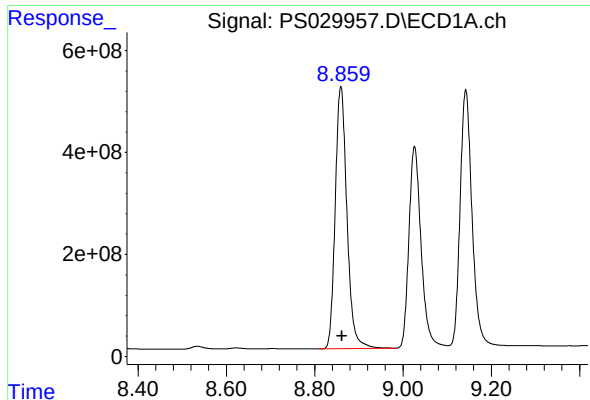
#10 Pentachlorophenol

R.T.: 8.295 min
Delta R.T.: -0.004 min
Response: 24072393046
Conc: 690.05 ng/ml



#10 Pentachlorophenol

R.T.: 9.156 min
Delta R.T.: -0.007 min
Response: 14503233259
Conc: 712.87 ng/ml



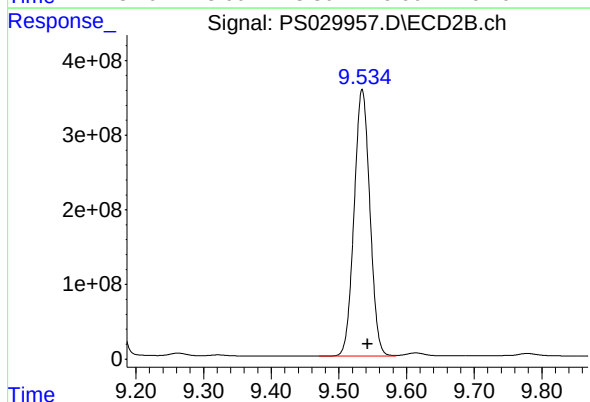
#11 2,4,5-TP (SILVEX)

R.T.: 8.859 min
Delta R.T.: -0.003 min
Response: 9443272352
Conc: 681.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

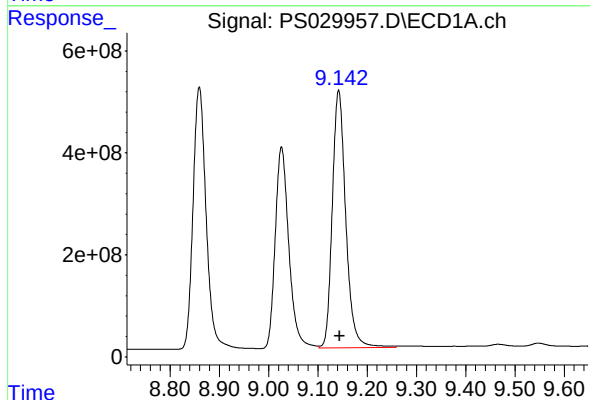
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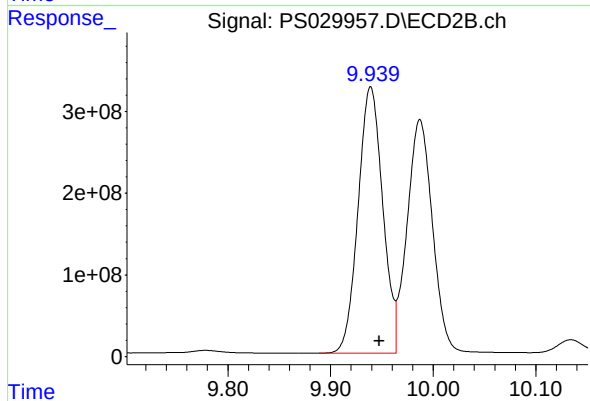
#11 2,4,5-TP (SILVEX)

R.T.: 9.534 min
Delta R.T.: -0.008 min
Response: 5780548063
Conc: 706.52 ng/ml



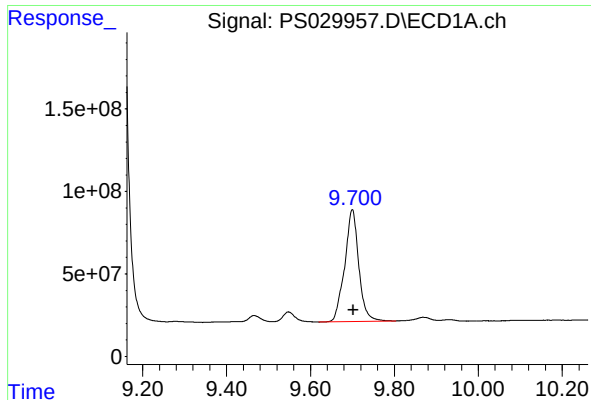
#12 2,4,5-T

R.T.: 9.142 min
Delta R.T.: -0.002 min
Response: 9594119627
Conc: 682.70 ng/ml



#12 2,4,5-T

R.T.: 9.939 min
Delta R.T.: -0.008 min
Response: 5434150123
Conc: 700.04 ng/ml



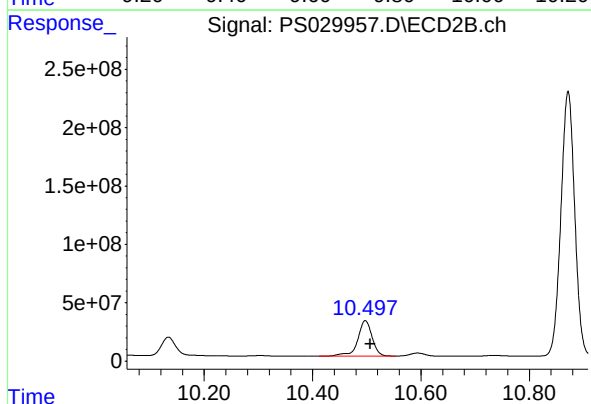
#13 2,4-DB

R.T.: 9.700 min
Delta R.T.: -0.002 min
Response: 1586767054
Conc: 694.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

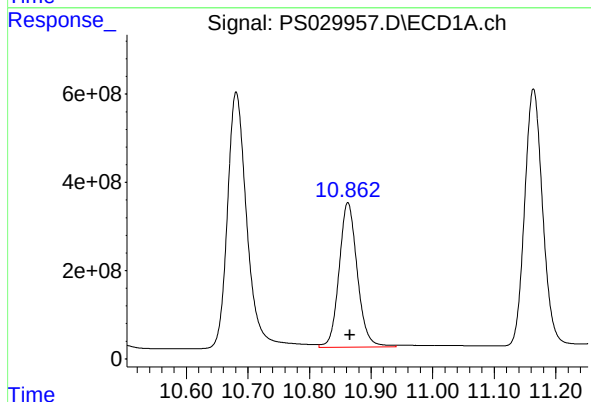
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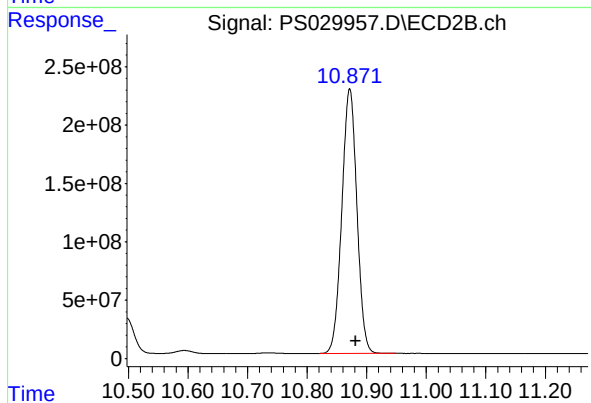
#13 2,4-DB

R.T.: 10.497 min
Delta R.T.: -0.009 min
Response: 563506650
Conc: 700.15 ng/ml



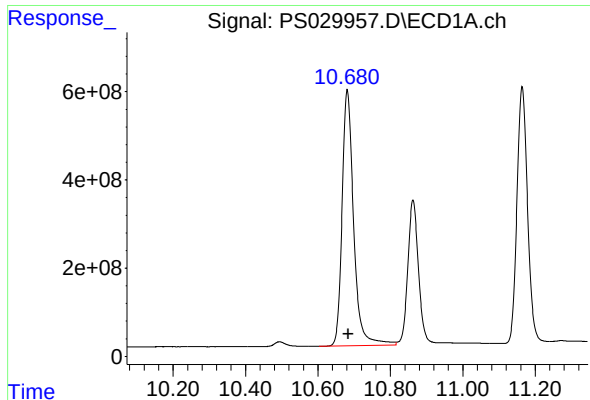
#14 DINOSEB

R.T.: 10.862 min
Delta R.T.: -0.004 min
Response: 6753919222
Conc: 663.88 ng/ml



#14 DINOSEB

R.T.: 10.872 min
Delta R.T.: -0.010 min
Response: 3984306563
Conc: 683.30 ng/ml



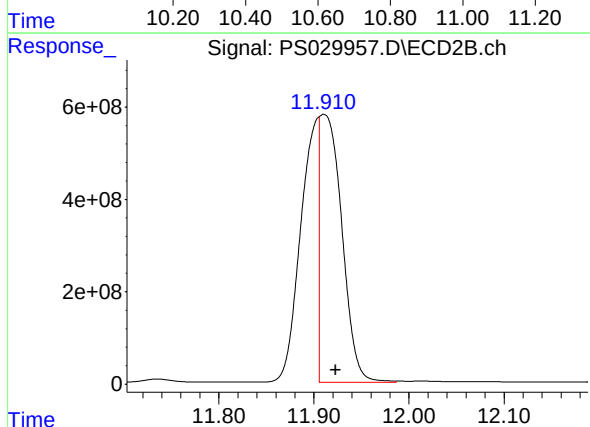
#15 Picloram

R.T.: 10.681 min
Delta R.T.: -0.003 min
Response: 12886172213
Conc: 702.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

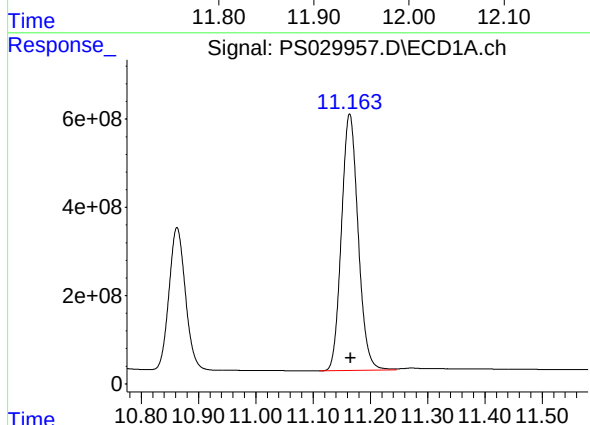
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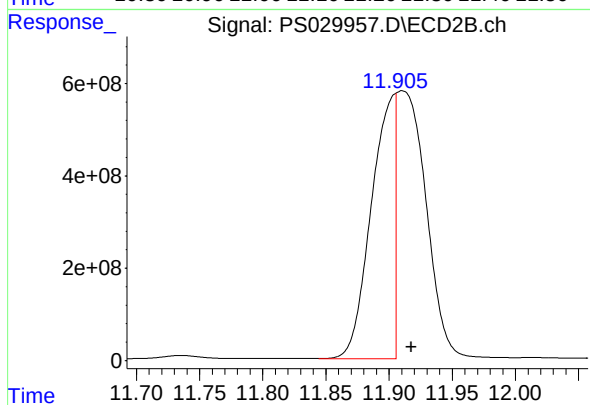
#15 Picloram

R.T.: 11.910 min
Delta R.T.: -0.013 min
Response: 9295347642
Conc: 756.73 ng/ml m



#16 DCPA

R.T.: 11.164 min
Delta R.T.: -0.002 min
Response: 11743114903
Conc: 689.92 ng/ml



#16 DCPA

R.T.: 11.905 min
Delta R.T.: -0.013 min
Response: 7494071196
Conc: 664.86 ng/ml m