

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032925\
 Data File : PS029615.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2025 12:53
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/31/2025
 Supervised By :mohammad ahmed 04/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 23:13:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032825.M
 Quant Title : 8080.M
 QLast Update : Thu Mar 27 12:24:58 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	7.116	7.531	2820.6E6	622.8E6	734.503	721.473
Target Compounds							
1) T	Dalapon	2.595	2.602	4133.8E6	1408.3E6	697.271	678.944
2) T	3,5-DICHL...	6.305	6.520	3896.0E6	828.0E6	681.531	671.987
3) T	4-Nitroph...	6.925	7.068	795.2E6	540.0E6	747.400	668.486
5) T	DICAMBA	7.296	7.721	11641.4E6	3327.8E6	734.341	696.080
6) T	MCPD	7.475	7.827	805.1E6	152.4E6	70.730	73.612
7) T	MCPA	7.621	8.063	1000.2E6	196.5E6	69.549	68.386
8) T	DICHLORPROP	7.993	8.421	2790.4E6	768.8E6	635.335	617.193m
9) T	2,4-D	8.224	8.742	2846.4E6	859.6E6	705.649	629.265m
10) T	Pentachlo...	8.512	9.250	41735.5E6	15638.4E6	702.382	704.600
11) T	2,4,5-TP ...	9.084	9.627	15886.1E6	6075.2E6	681.953	688.428
12) T	2,4,5-T	9.375	10.037	15308.3E6	5628.6E6	743.184	706.166
13) T	2,4-DB	9.945	10.595	1559.1E6	578.0E6	816.570	629.013
14) T	DINOSEB	11.128	10.967	12079.2E6	4055.9E6	681.280	684.211m
15) T	Picloram	10.955	12.028	11072.1E6	8608.0E6	769.242	689.952
16) T	DCPA	11.426	11.994	20241.3E6	8000.9E6	702.070	713.611

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

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Acq On : 28 Mar 2025 12:53
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

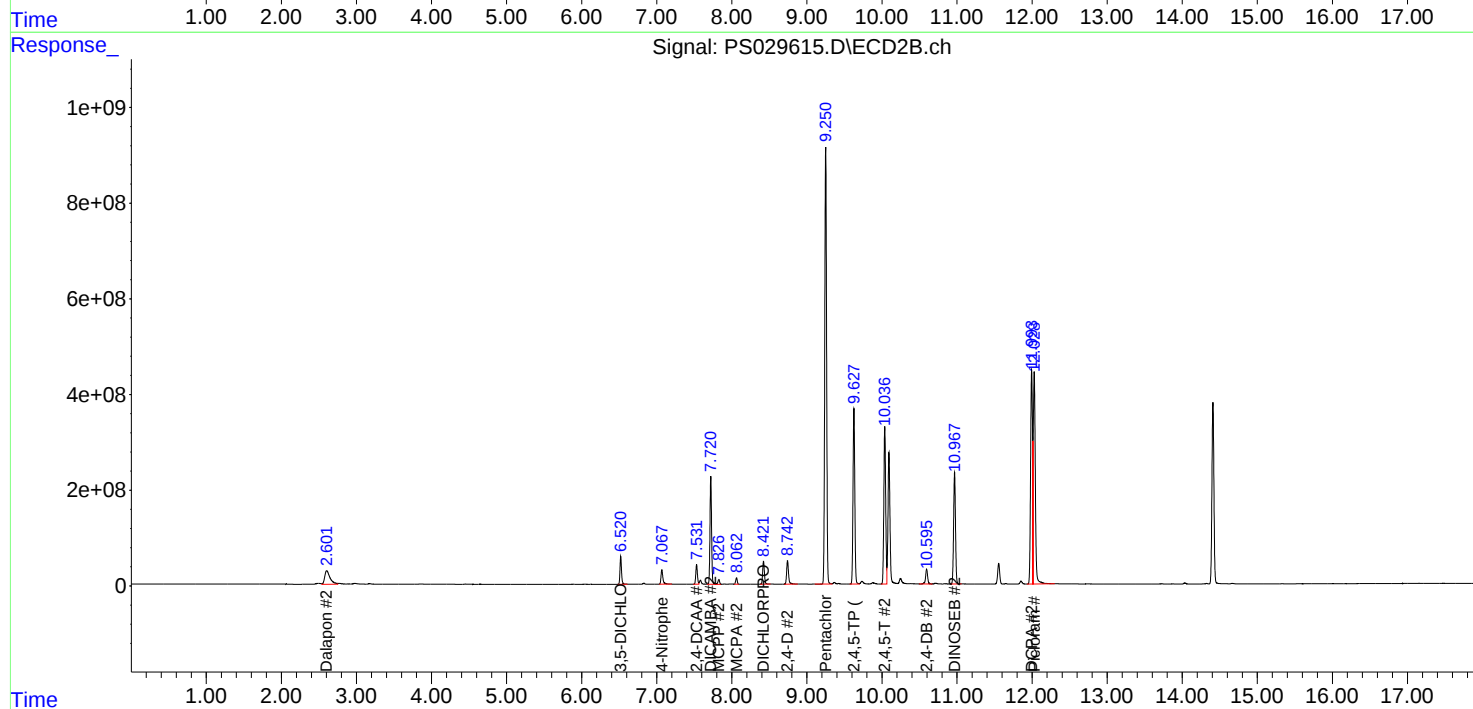
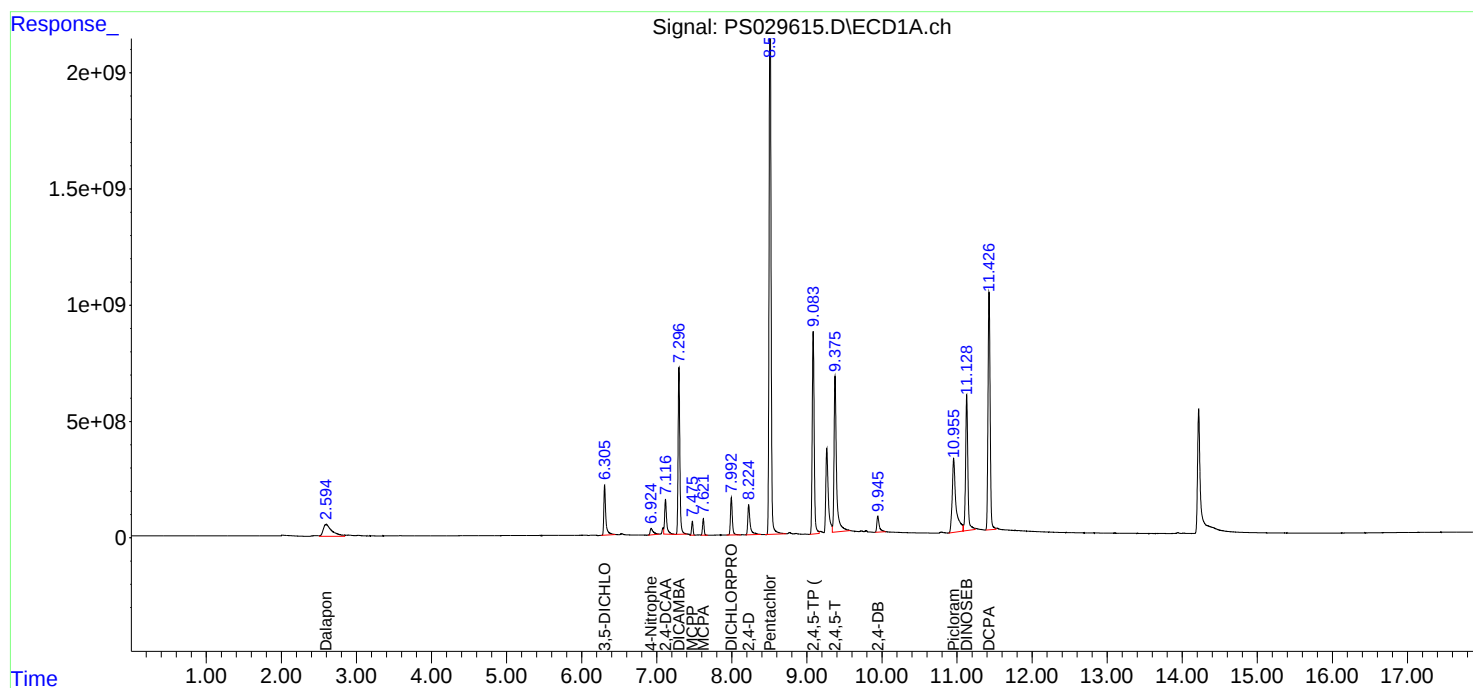
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ECD_S
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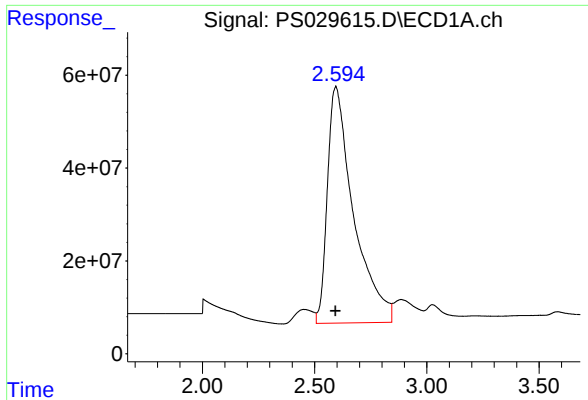
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#1 Dalapon

R.T.: 2.595 min
Delta R.T.: 0.002 min
Response: 4133762113
Conc: 697.27 ng/ml

Instrument :

ECD_S

ClientSampleId :

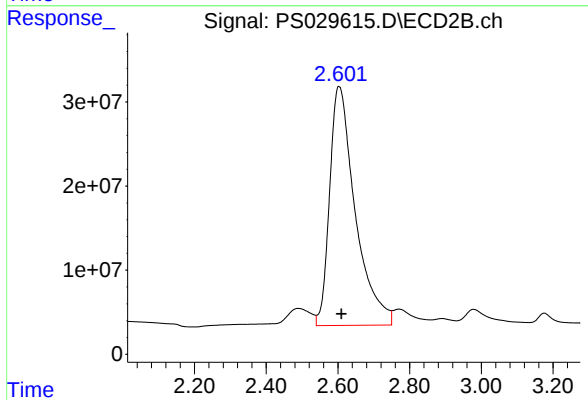
HSTDCCC750

Manual Integrations

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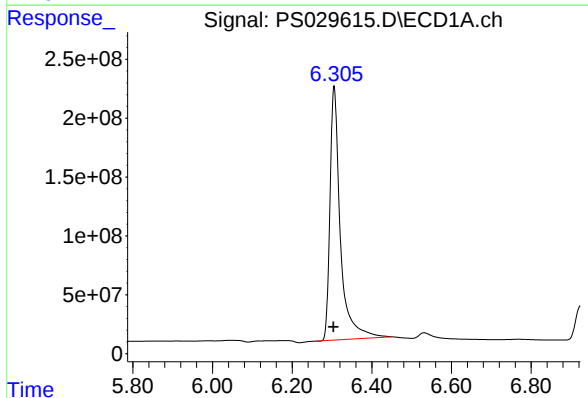
Reviewed By :Abdul Mirza 03/31/2025

Supervised By :mohammad ahmed 04/01/2025



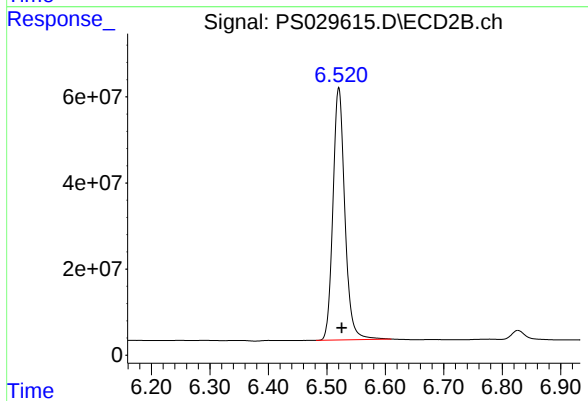
#1 Dalapon

R.T.: 2.602 min
Delta R.T.: -0.008 min
Response: 1408331241
Conc: 678.94 ng/ml



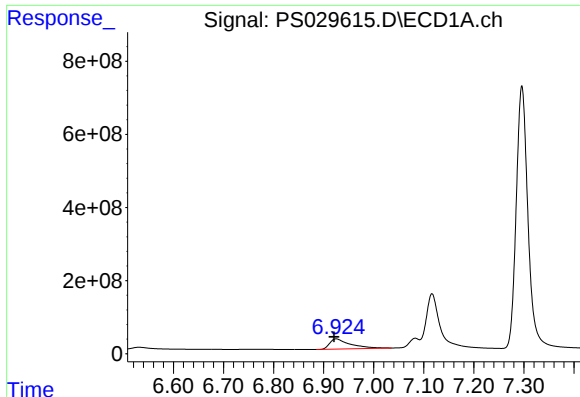
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.305 min
Delta R.T.: 0.002 min
Response: 3896011866
Conc: 681.53 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.520 min
Delta R.T.: -0.005 min
Response: 827991103
Conc: 671.99 ng/ml



#3 4-Nitrophenol

R.T.: 6.925 min
Delta R.T.: 0.004 min
Response: 795226774
Conc: 747.40 ng/ml

Instrument :

ECD_S

ClientSampleId :

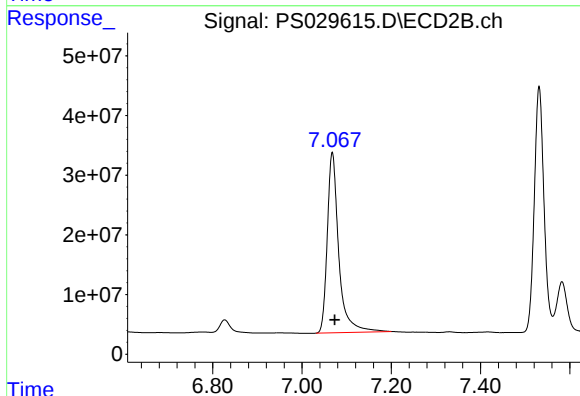
HSTDCCC750

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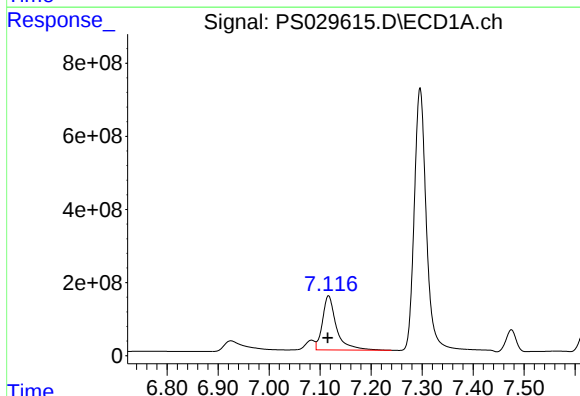
Reviewed By :Abdul Mirza 03/31/2025

Supervised By :mohammad ahmed 04/01/2025



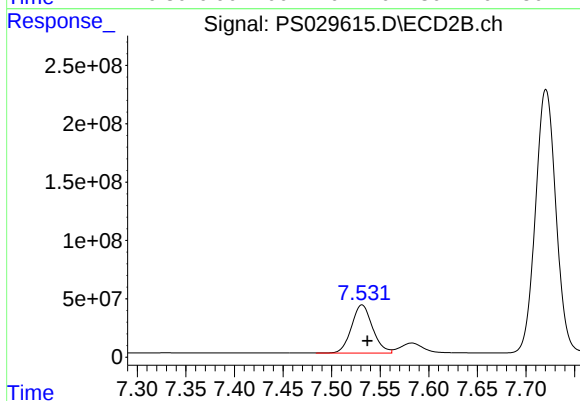
#3 4-Nitrophenol

R.T.: 7.068 min
Delta R.T.: -0.006 min
Response: 540025021
Conc: 668.49 ng/ml



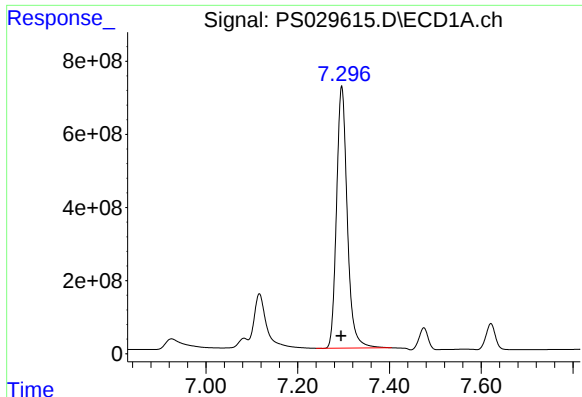
#4 2,4-DCAA

R.T.: 7.116 min
Delta R.T.: 0.002 min
Response: 2820563823
Conc: 734.50 ng/ml



#4 2,4-DCAA

R.T.: 7.531 min
Delta R.T.: -0.005 min
Response: 622845461
Conc: 721.47 ng/ml



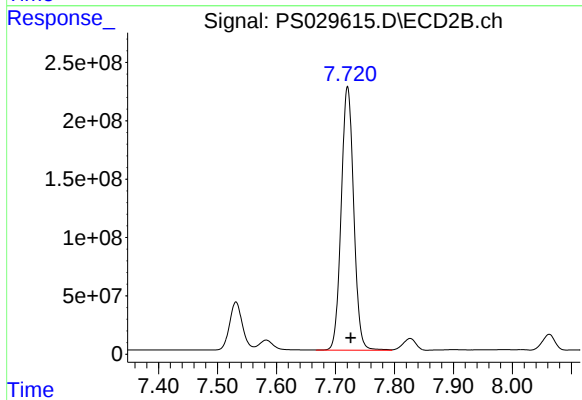
#5 DICAMBA

R.T.: 7.296 min
Delta R.T.: 0.002 min
Response: 11641443614
Conc: 734.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

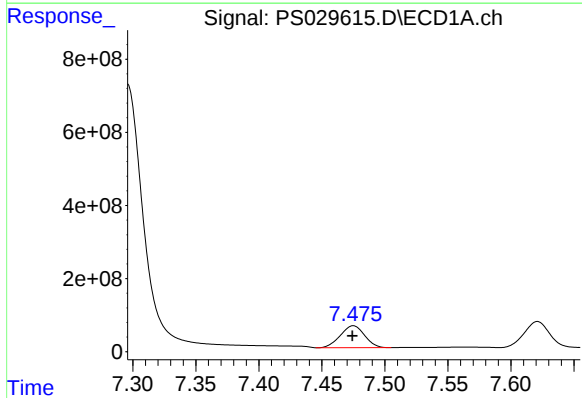
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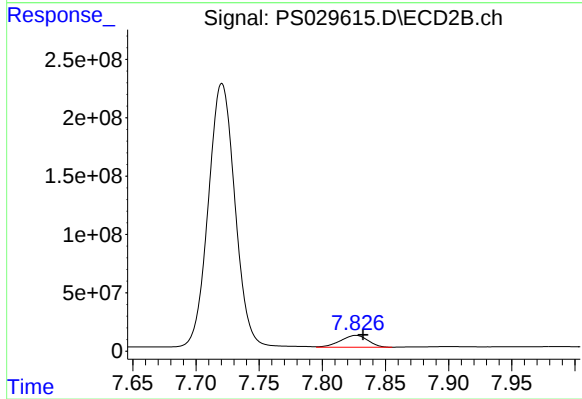
#5 DICAMBA

R.T.: 7.721 min
Delta R.T.: -0.006 min
Response: 3327791110
Conc: 696.08 ng/ml



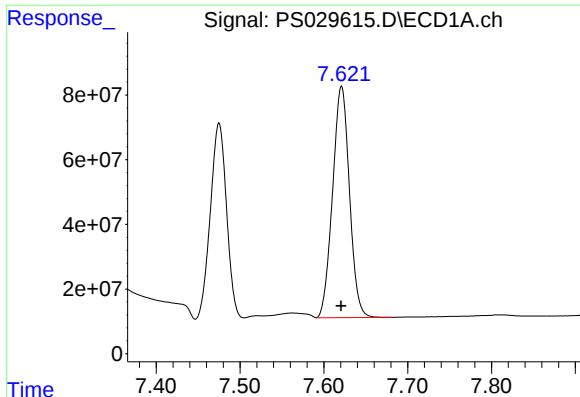
#6 MCPP

R.T.: 7.475 min
Delta R.T.: 0.000 min
Response: 805125214
Conc: 70.73 ug/ml



#6 MCPP

R.T.: 7.827 min
Delta R.T.: -0.006 min
Response: 152408686
Conc: 73.61 ug/ml



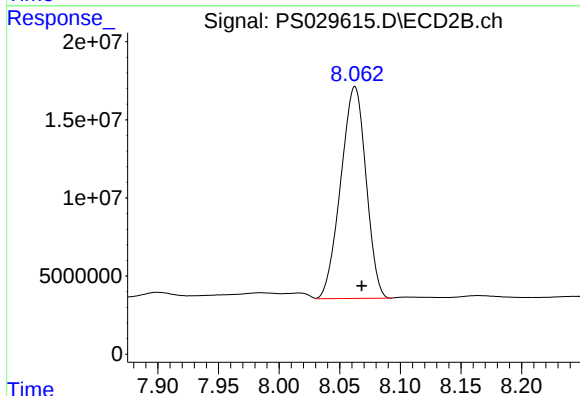
#7 MCPA

R.T.: 7.621 min
Delta R.T.: 0.000 min
Response: 1000242662
Conc: 69.55 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

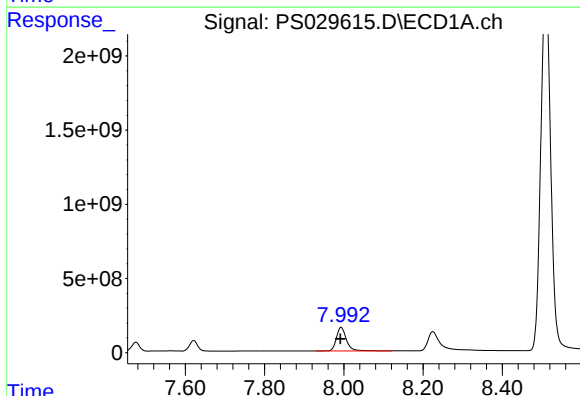
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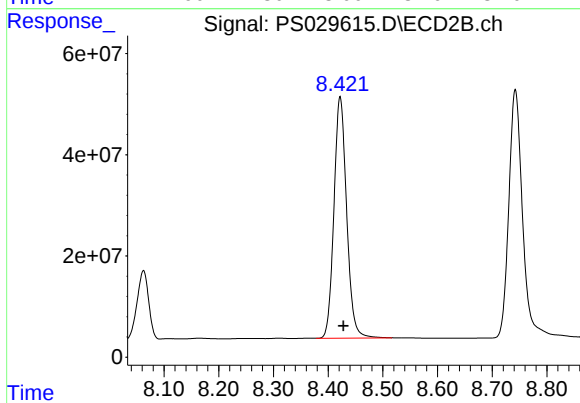
#7 MCPA

R.T.: 8.063 min
Delta R.T.: -0.006 min
Response: 196549322
Conc: 68.39 ug/ml



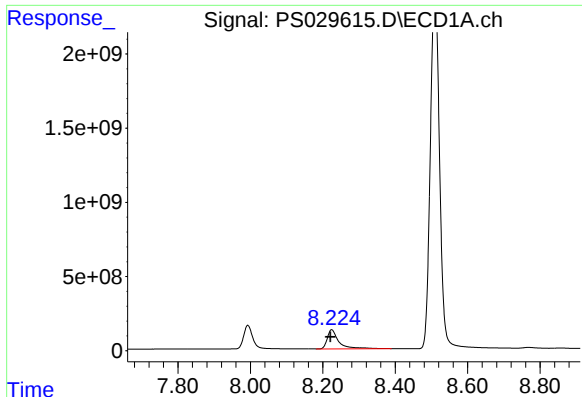
#8 DICHLORPROP

R.T.: 7.993 min
Delta R.T.: 0.002 min
Response: 2790378734
Conc: 635.34 ng/ml



#8 DICHLORPROP

R.T.: 8.421 min
Delta R.T.: -0.007 min
Response: 768774858
Conc: 617.19 ng/ml m



#9 2,4-D

R.T.: 8.224 min
Delta R.T.: 0.003 min
Response: 2846427757
Conc: 705.65 ng/ml

Instrument :

ECD_S

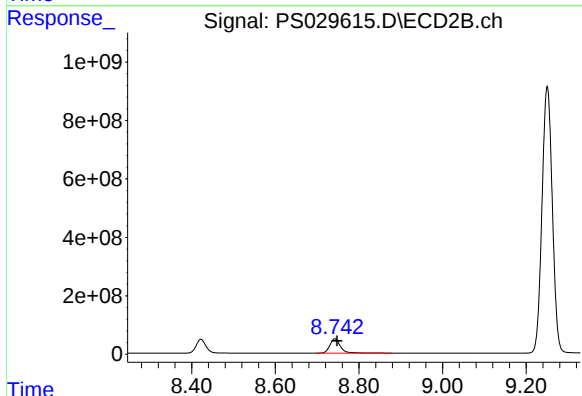
ClientSampleId :

HSTDCCC750

Manual Integrations

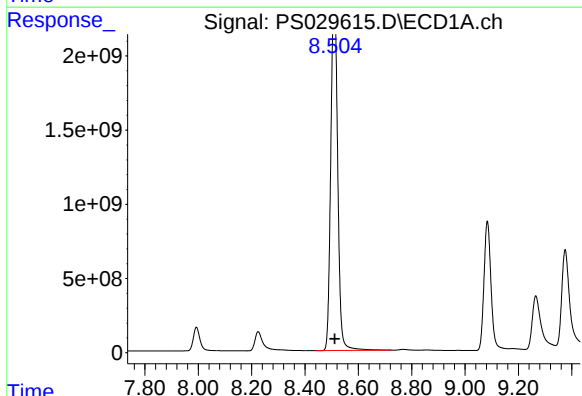
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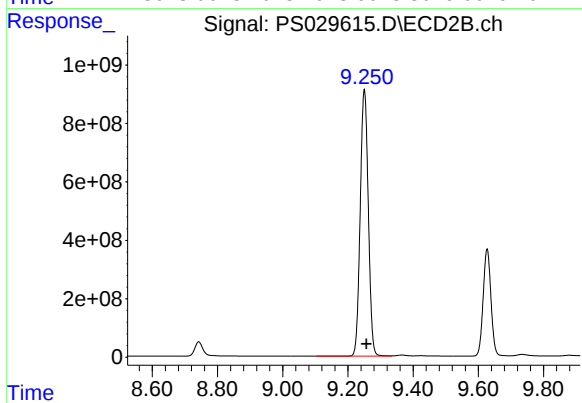
#9 2,4-D

R.T.: 8.742 min
Delta R.T.: -0.006 min
Response: 859565241
Conc: 629.26 ng/ml m



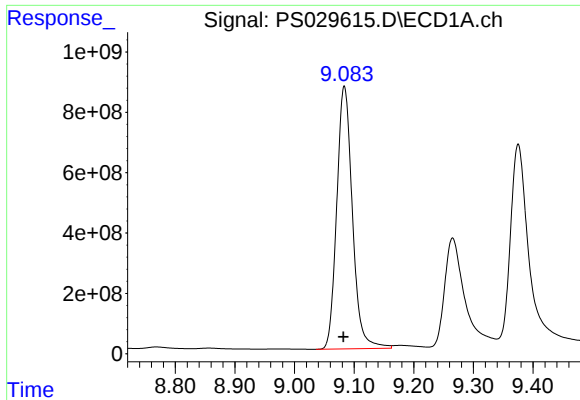
#10 Pentachlorophenol

R.T.: 8.512 min
Delta R.T.: 0.000 min
Response: 41735545867
Conc: 702.38 ng/ml



#10 Pentachlorophenol

R.T.: 9.250 min
Delta R.T.: -0.007 min
Response: 15638387666
Conc: 704.60 ng/ml



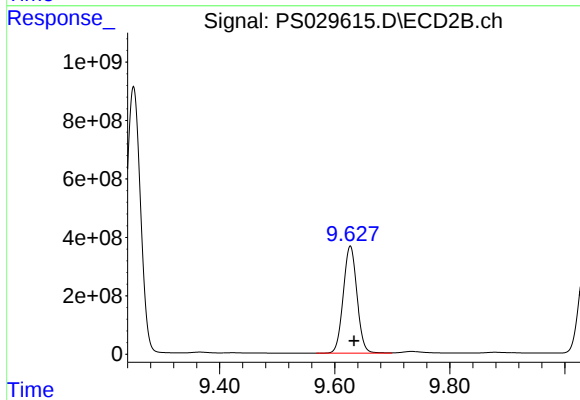
#11 2,4,5-TP (SILVEX)

R.T.: 9.084 min
Delta R.T.: 0.002 min
Response: 15886126895
Conc: 681.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

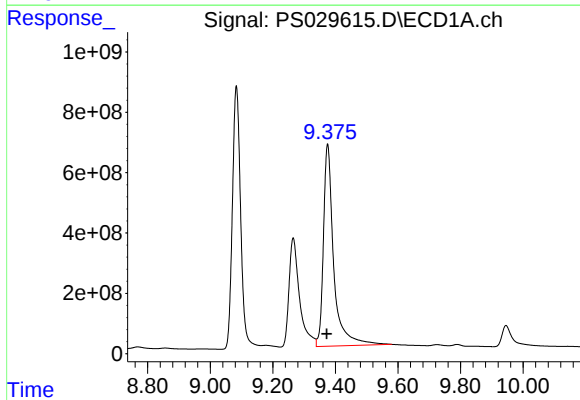
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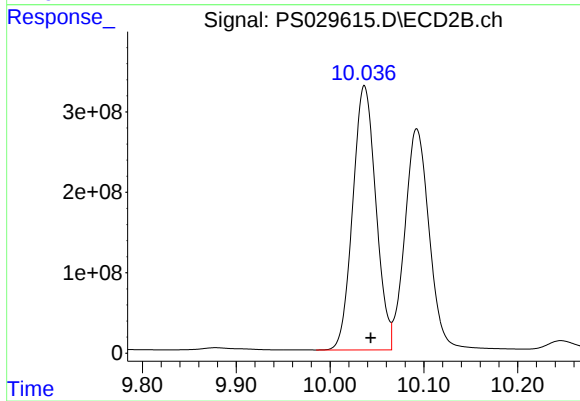
#11 2,4,5-TP (SILVEX)

R.T.: 9.627 min
Delta R.T.: -0.007 min
Response: 6075195442
Conc: 688.43 ng/ml



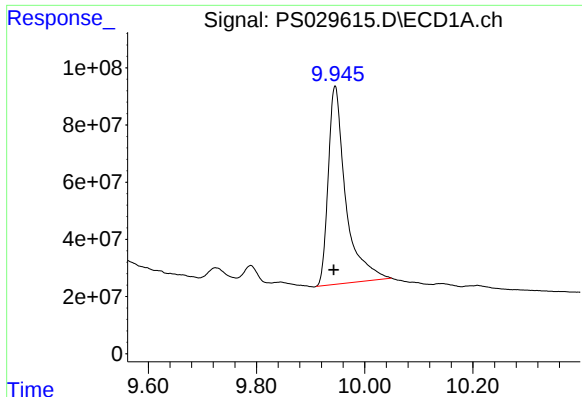
#12 2,4,5-T

R.T.: 9.375 min
Delta R.T.: 0.002 min
Response: 15308332139
Conc: 743.18 ng/ml



#12 2,4,5-T

R.T.: 10.037 min
Delta R.T.: -0.007 min
Response: 5628608081
Conc: 706.17 ng/ml



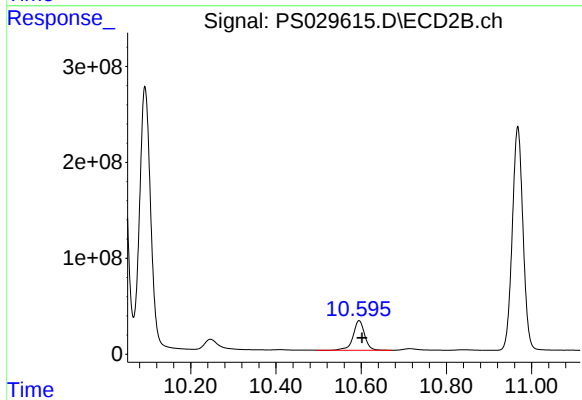
#13 2,4-DB

R.T.: 9.945 min
Delta R.T.: 0.003 min
Response: 1559117459
Conc: 816.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

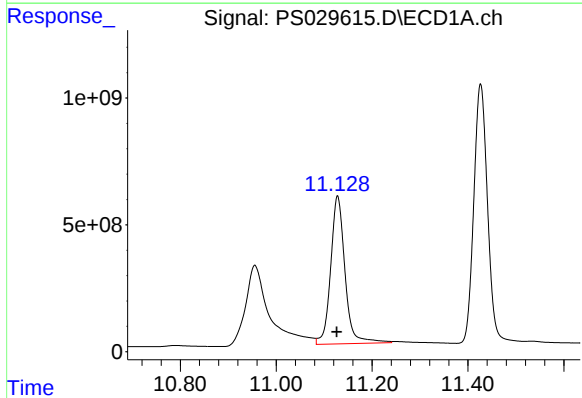
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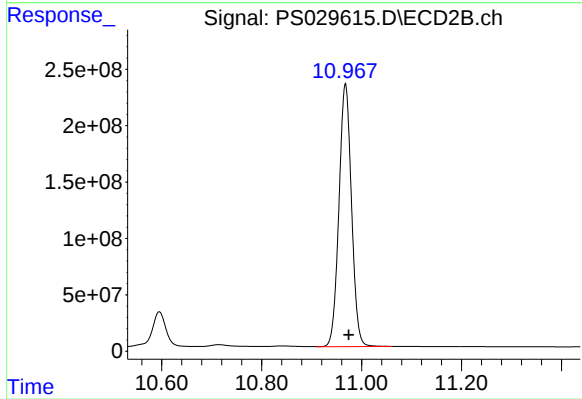
#13 2,4-DB

R.T.: 10.595 min
Delta R.T.: -0.007 min
Response: 578034619
Conc: 629.01 ng/ml



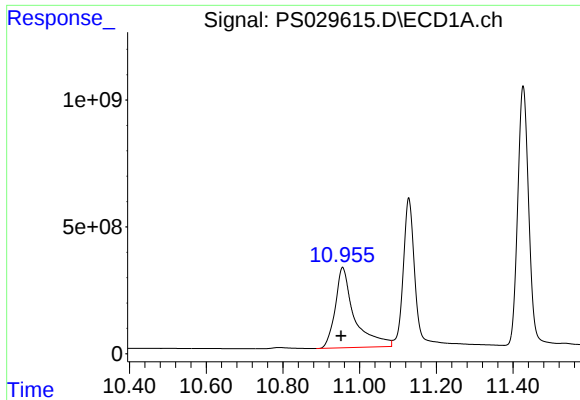
#14 DINOSEB

R.T.: 11.128 min
Delta R.T.: 0.002 min
Response: 12079197136
Conc: 681.28 ng/ml



#14 DINOSEB

R.T.: 10.967 min
Delta R.T.: -0.007 min
Response: 4055930532
Conc: 684.21 ng/ml m



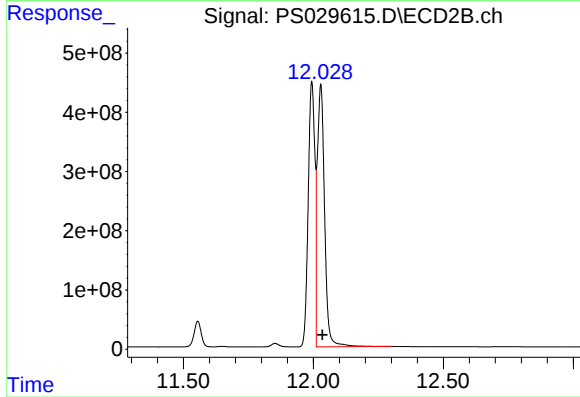
#15 Picloram

R.T.: 10.955 min
Delta R.T.: 0.004 min
Response: 11072082848
Conc: 769.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

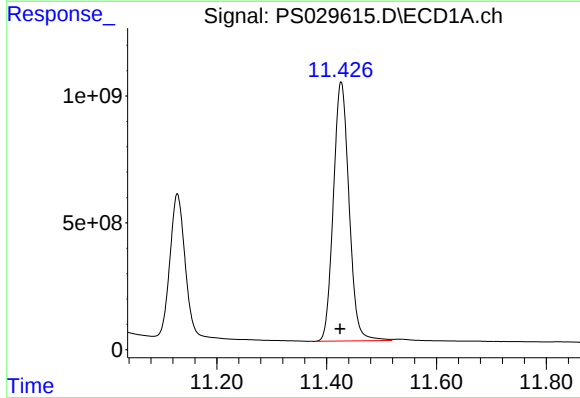
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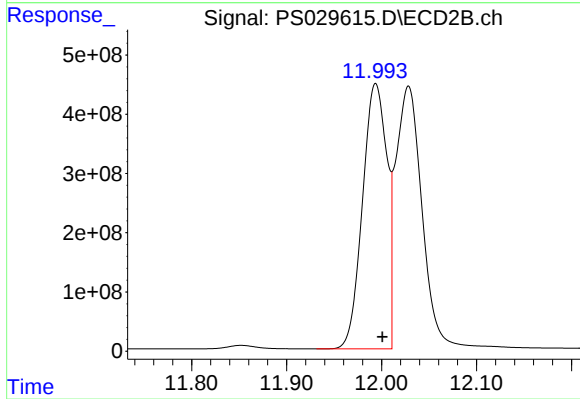
#15 Picloram

R.T.: 12.028 min
Delta R.T.: -0.007 min
Response: 8607977202
Conc: 689.95 ng/ml



#16 DCPA

R.T.: 11.426 min
Delta R.T.: 0.002 min
Response: 20241321347
Conc: 702.07 ng/ml



#16 DCPA

R.T.: 11.994 min
Delta R.T.: -0.007 min
Response: 8000869987
Conc: 713.61 ng/ml