

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
 Data File : PS031243.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 23:29
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2025
 Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 03:48:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.320	7.764	2909.5E6	699.2E6	669.117	688.879
Target Compounds							
1) T	Dalapon	2.686	2.705	3590.9E6	1712.8E6	572.445	603.780
2) T	3,5-DICHL...	6.483	6.712	3507.8E6	958.1E6	635.156	622.190
3) T	4-Nitroph...	7.119	7.298	1152.9E6	1104.9E6	699.230	610.691
5) T	DICAMBA	7.508	7.966	9955.8E6	4165.2E6	603.490	645.427
6) T	MCPD	7.689	8.065	642.7E6	129.5E6	64.202	62.324
7) T	MCPA	7.840	8.313	830.7E6	199.6E6	66.382	63.271
8) T	DICHLORPROP	8.219	8.686	2628.5E6	1023.6E6	687.728	675.681
9) T	2,4-D	8.451	9.022	2718.6E6	1180.5E6	727.898	695.083
10) T	Pentachlo...	8.754	9.545	41806.4E6	26487.2E6	765.384m	677.748
11) T	2,4,5-TP ...	9.335	9.926	15058.6E6	9925.5E6	685.931	666.399
12) T	2,4,5-T	9.628	10.353	13914.5E6	9159.7E6	712.549	644.166
13) T	2,4-DB	10.205	10.920	2019.5E6	768.8E6	675.453	656.812
14) T	DINOSEB	11.418	11.305	9801.3E6	6793.7E6	629.520m	601.099
15) T	Picloram	11.228	12.415	15650.3E6	16761.7E6	782.260m	673.296
16) T	DCPA	11.716	12.348	19471.9E6	15465.9E6	678.618	671.379m

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

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Operator : AR\AJ
Sample : HSTDCCC750
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ALS Vial : 35 Sample Multiplier: 1

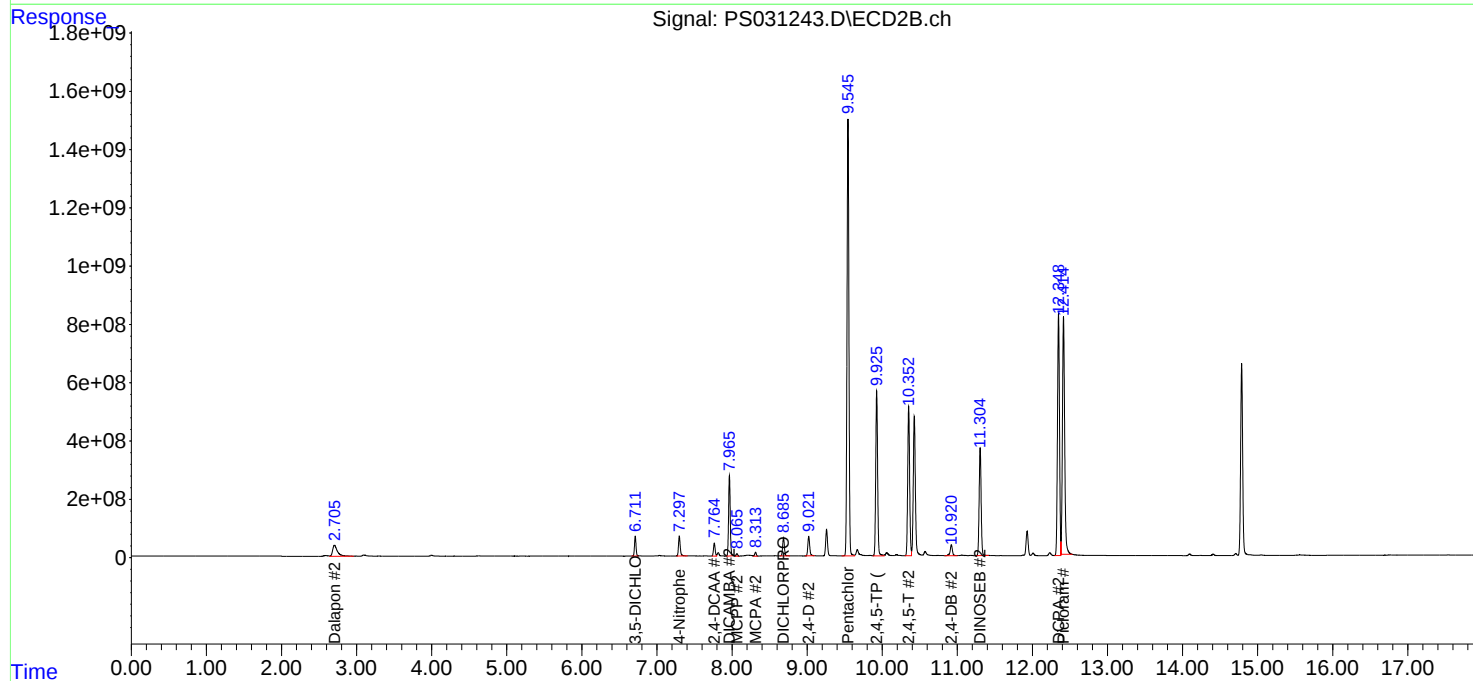
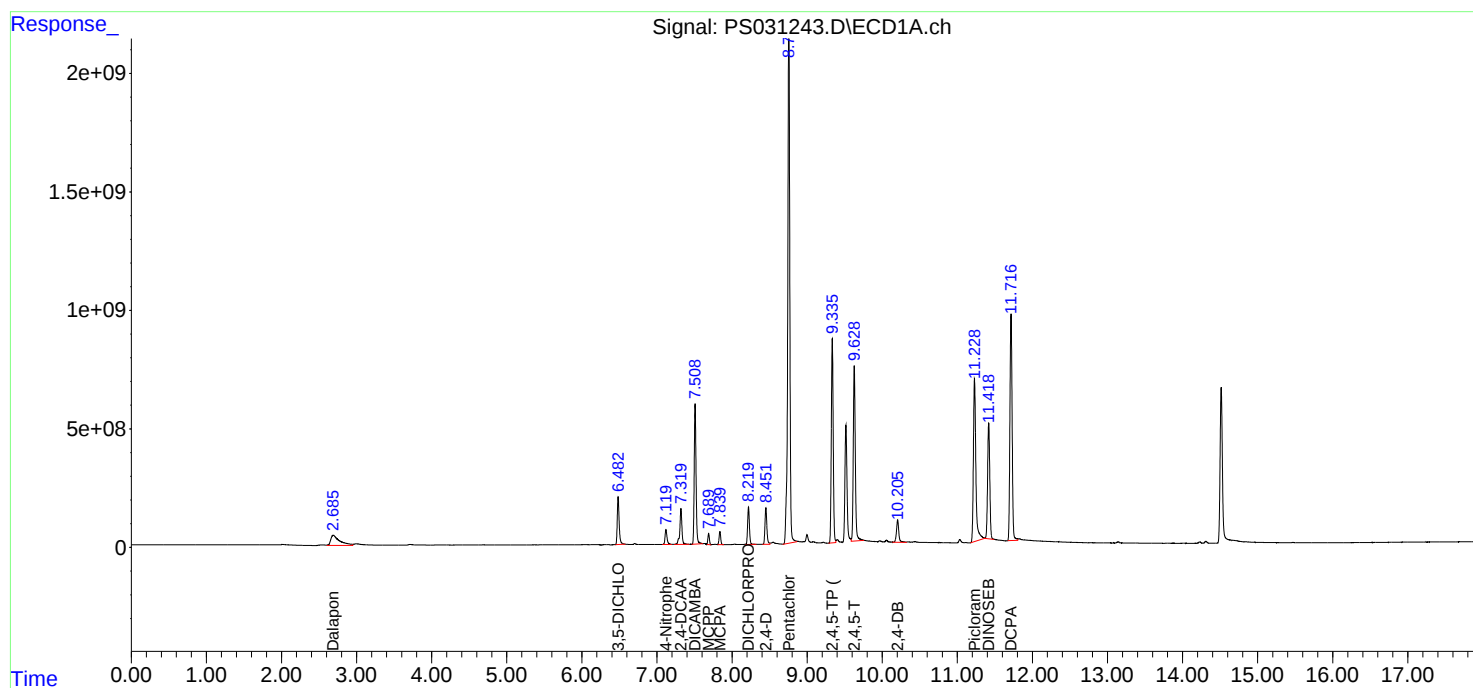
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ECD_S
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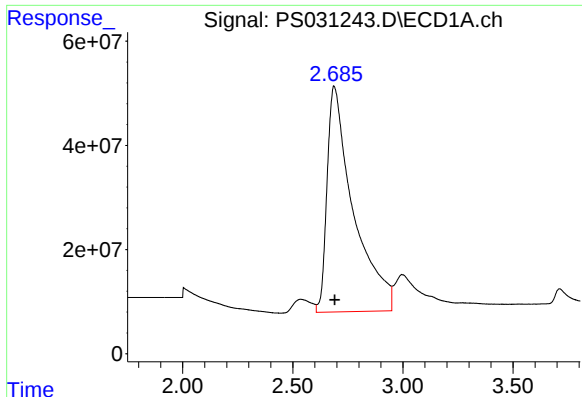
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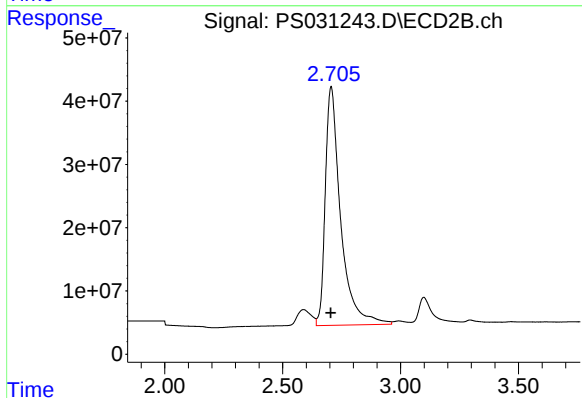
#1 Dalapon

R.T.: 2.686 min
Delta R.T.: -0.004 min
Response: 3590892898
Conc: 572.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

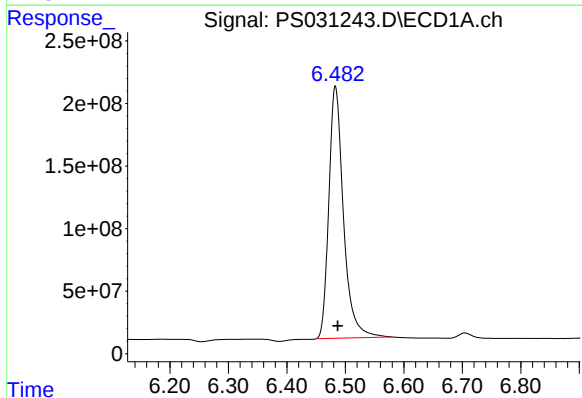
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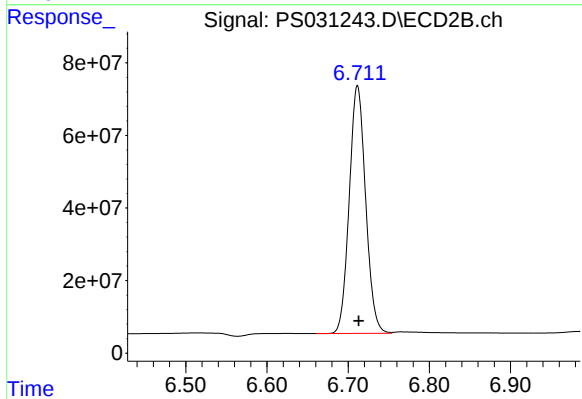
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: 0.002 min
Response: 1712766026
Conc: 603.78 ng/ml



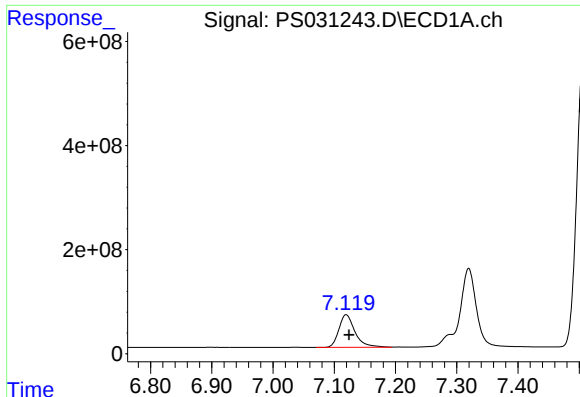
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.483 min
Delta R.T.: -0.004 min
Response: 3507807605
Conc: 635.16 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.712 min
Delta R.T.: -0.001 min
Response: 958106162
Conc: 622.19 ng/ml



#3 4-Nitrophenol

R.T.: 7.119 min
Delta R.T.: -0.005 min
Response: 1152879871
Conc: 699.23 ng/ml

Instrument :

ECD_S

ClientSampleId :

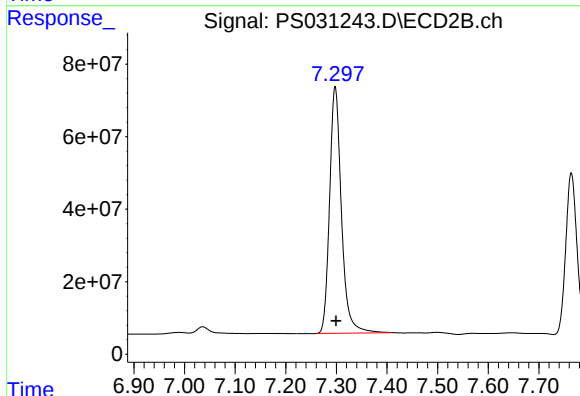
HSTDCCC750

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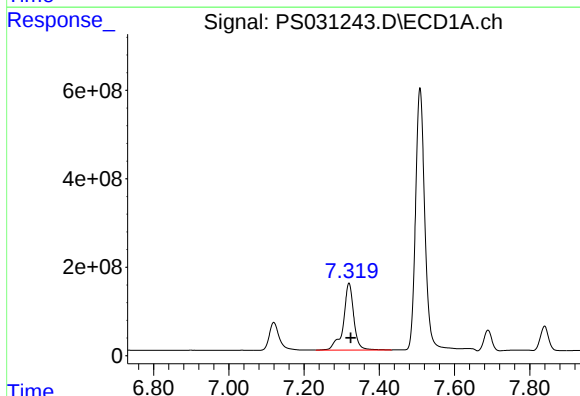
Reviewed By :Yogesh Patel 07/25/2025

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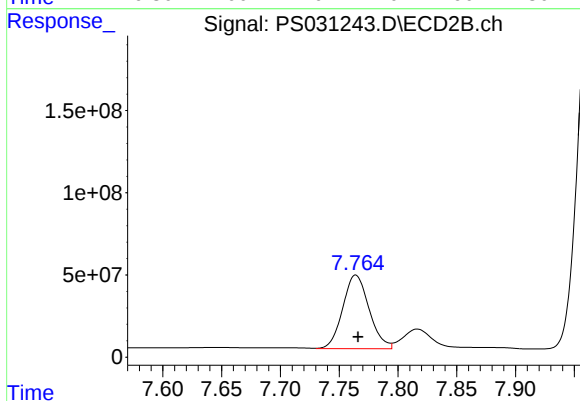
#3 4-Nitrophenol

R.T.: 7.298 min
Delta R.T.: -0.001 min
Response: 1104933236
Conc: 610.69 ng/ml



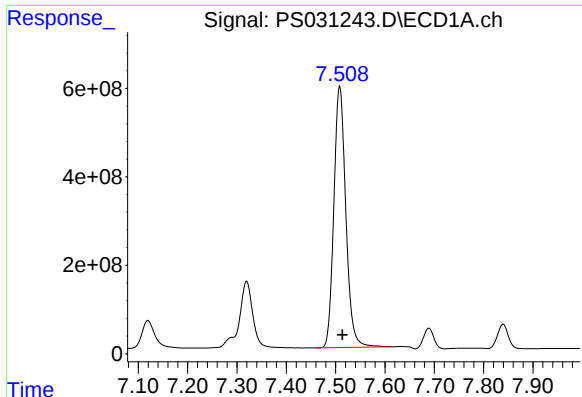
#4 2,4-DCAA

R.T.: 7.320 min
Delta R.T.: -0.005 min
Response: 2909491460
Conc: 669.12 ng/ml



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: -0.002 min
Response: 699190254
Conc: 688.88 ng/ml



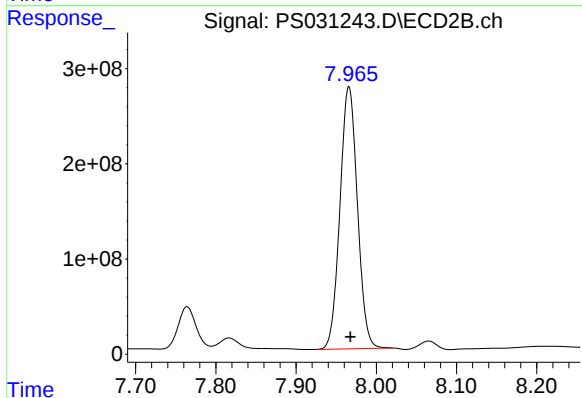
#5 DICAMBA

R.T.: 7.508 min
Delta R.T.: -0.006 min
Response: 9955761097
Conc: 603.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

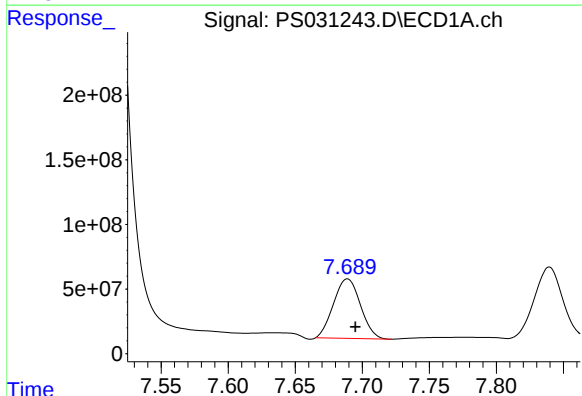
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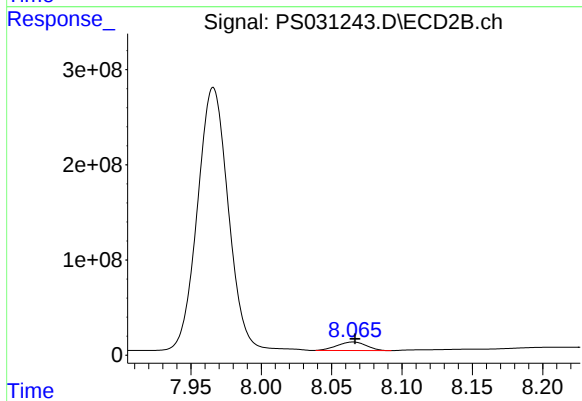
#5 DICAMBA

R.T.: 7.966 min
Delta R.T.: -0.002 min
Response: 4165177294
Conc: 645.43 ng/ml



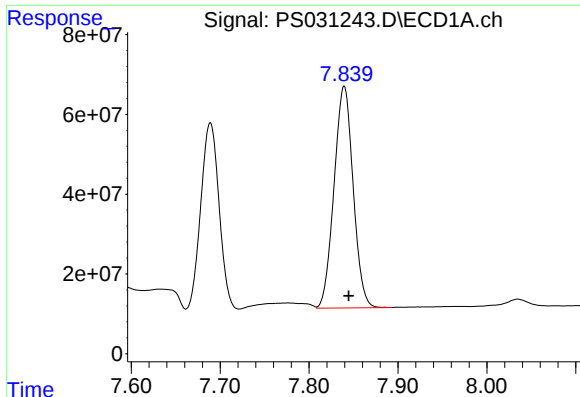
#6 MCPP

R.T.: 7.689 min
Delta R.T.: -0.006 min
Response: 642666704
Conc: 64.20 ug/ml



#6 MCPP

R.T.: 8.065 min
Delta R.T.: -0.002 min
Response: 129498194
Conc: 62.32 ug/ml



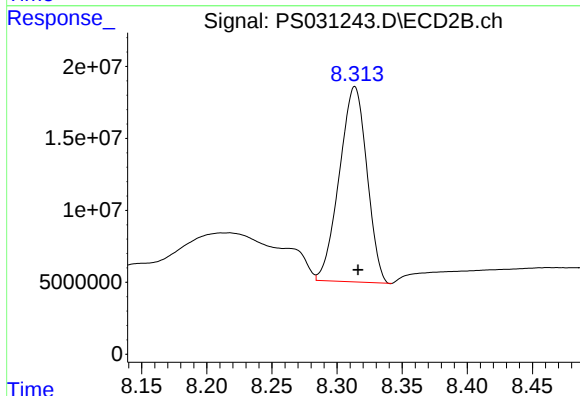
#7 MCPA

R.T.: 7.840 min
Delta R.T.: -0.005 min
Response: 830716877
Conc: 66.38 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

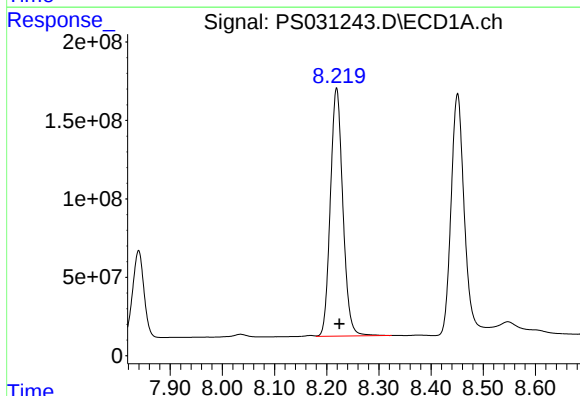
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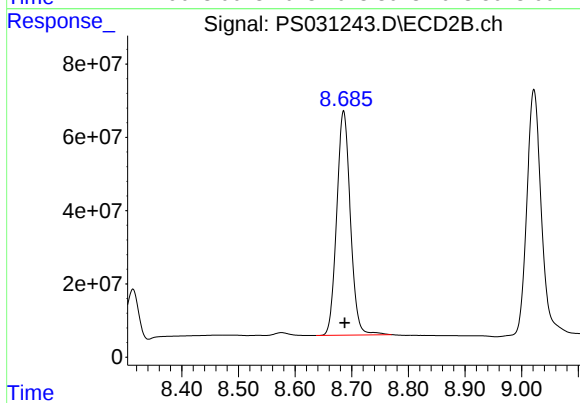
#7 MCPA

R.T.: 8.313 min
Delta R.T.: -0.003 min
Response: 199634103
Conc: 63.27 ug/ml



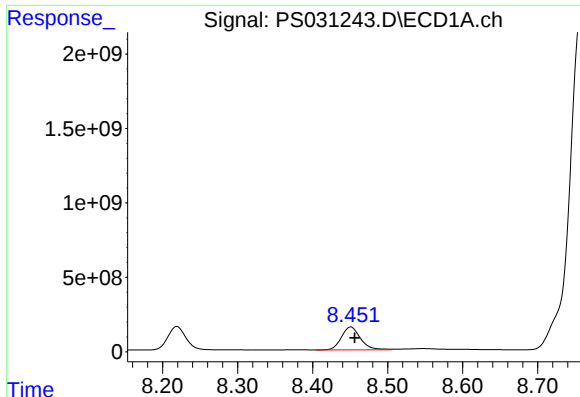
#8 DICHLORPROP

R.T.: 8.219 min
Delta R.T.: -0.006 min
Response: 2628467440
Conc: 687.73 ng/ml



#8 DICHLORPROP

R.T.: 8.686 min
Delta R.T.: -0.002 min
Response: 1023561858
Conc: 675.68 ng/ml



#9 2,4-D

R.T.: 8.451 min
Delta R.T.: -0.005 min
Response: 2718637678
Conc: 727.90 ng/ml

Instrument :

ECD_S

ClientSampleId :

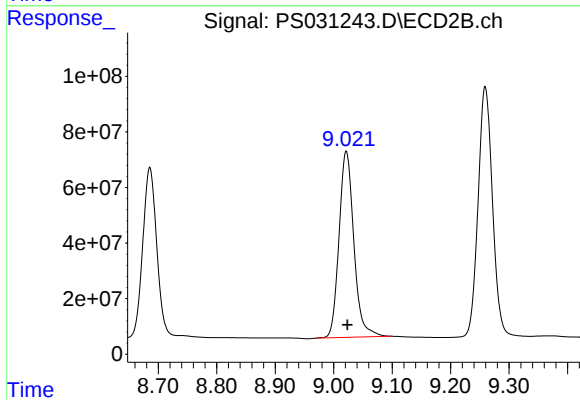
HSTDCCC750

Manual Integrations

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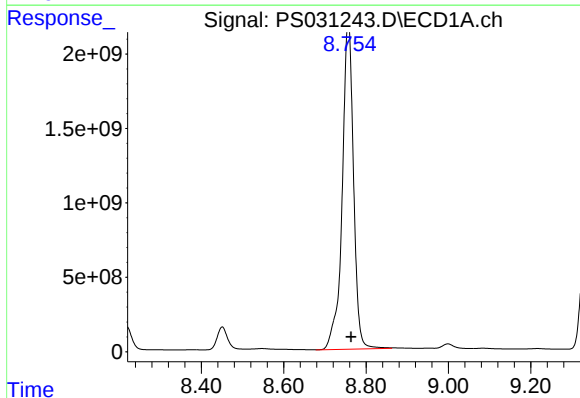
Reviewed By :Yogesh Patel 07/25/2025

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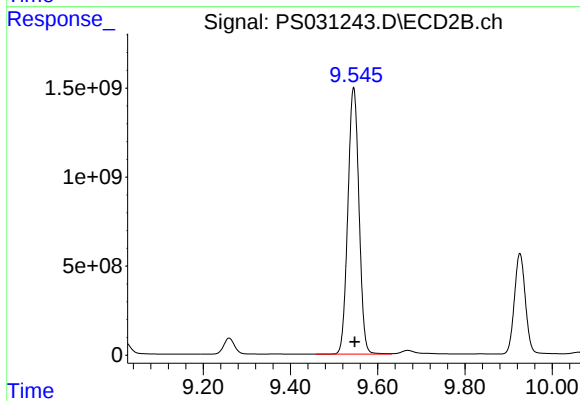
#9 2,4-D

R.T.: 9.022 min
Delta R.T.: -0.002 min
Response: 1180472427
Conc: 695.08 ng/ml



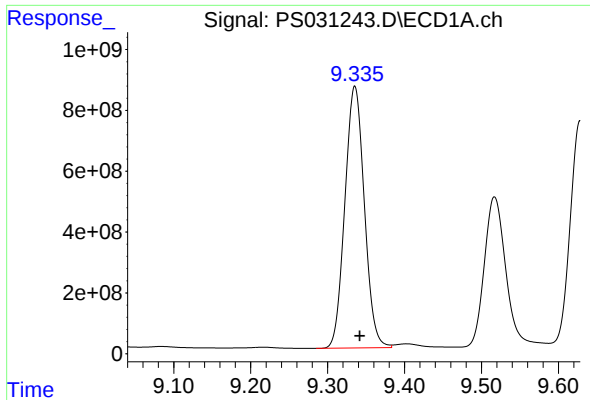
#10 Pentachlorophenol

R.T.: 8.754 min
Delta R.T.: -0.010 min
Response: 41806440092
Conc: 765.38 ng/ml m



#10 Pentachlorophenol

R.T.: 9.545 min
Delta R.T.: -0.002 min
Response: 26487198066
Conc: 677.75 ng/ml



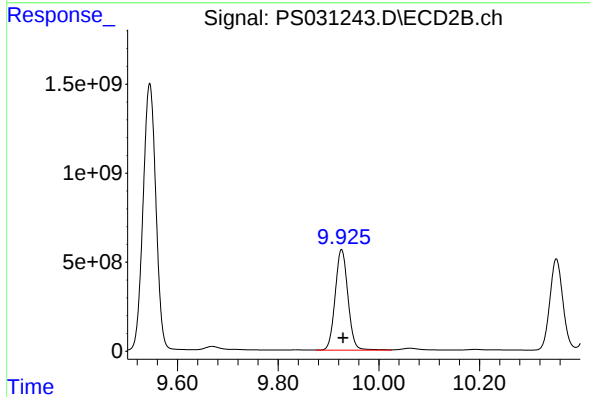
#11 2,4,5-TP (SILVEX)

R.T.: 9.335 min
Delta R.T.: -0.007 min
Response: 15058624825
Conc: 685.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

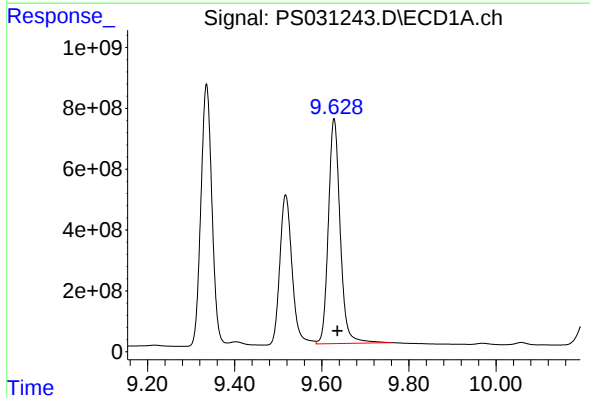
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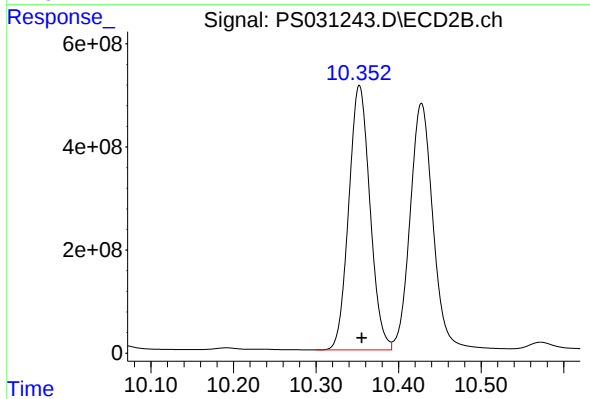
#11 2,4,5-TP (SILVEX)

R.T.: 9.926 min
Delta R.T.: -0.003 min
Response: 9925460417
Conc: 666.40 ng/ml



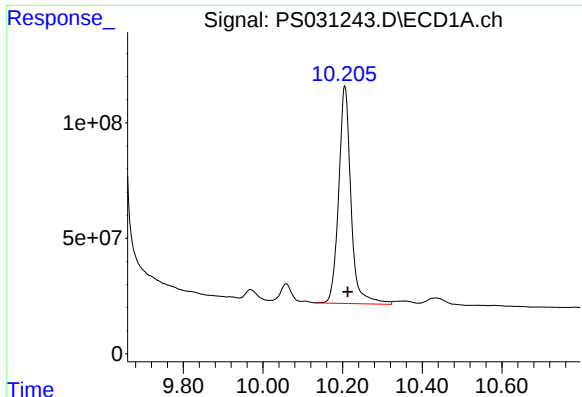
#12 2,4,5-T

R.T.: 9.628 min
Delta R.T.: -0.008 min
Response: 13914521193
Conc: 712.55 ng/ml



#12 2,4,5-T

R.T.: 10.353 min
Delta R.T.: -0.003 min
Response: 9159692401
Conc: 644.17 ng/ml



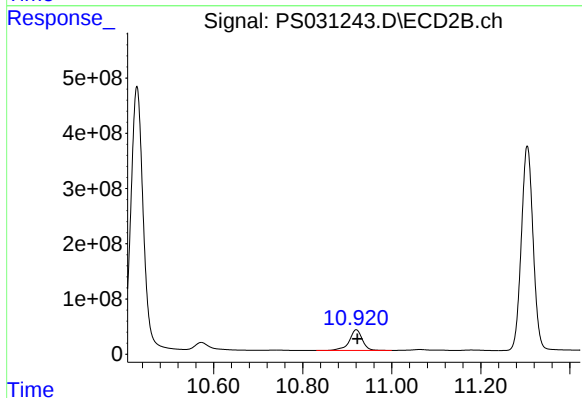
#13 2,4-DB

R.T.: 10.205 min
Delta R.T.: -0.007 min
Response: 2019527006
Conc: 675.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

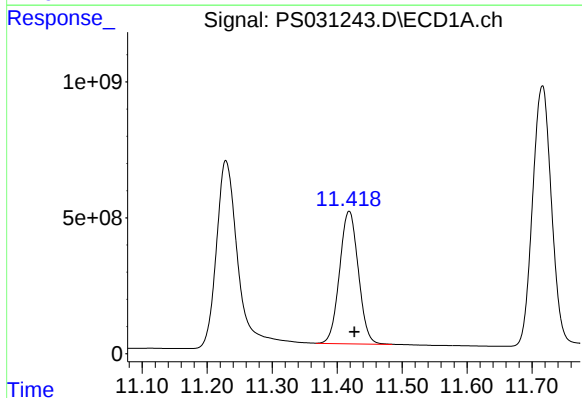
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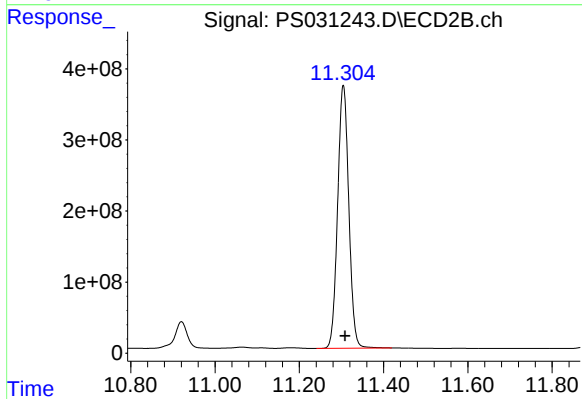
#13 2,4-DB

R.T.: 10.920 min
Delta R.T.: -0.003 min
Response: 768805197
Conc: 656.81 ng/ml



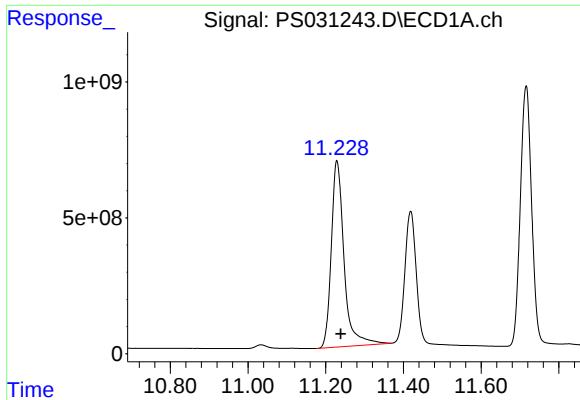
#14 DINOSEB

R.T.: 11.418 min
Delta R.T.: -0.008 min
Response: 9801301856
Conc: 629.52 ng/ml m



#14 DINOSEB

R.T.: 11.305 min
Delta R.T.: -0.004 min
Response: 6793676340
Conc: 601.10 ng/ml



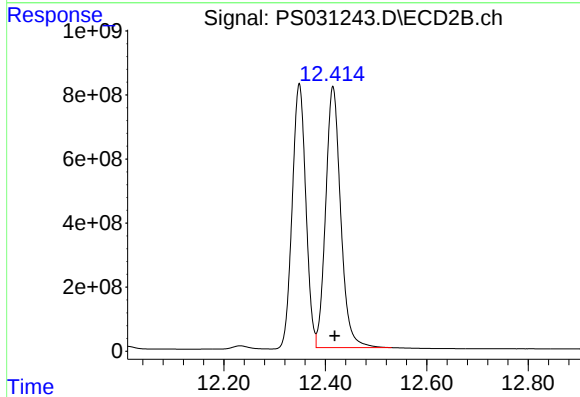
#15 Picloram

R.T.: 11.228 min
Delta R.T.: -0.011 min
Response: 15650340861
Conc: 782.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

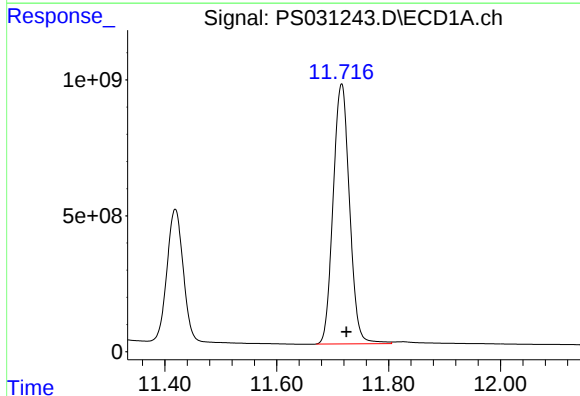
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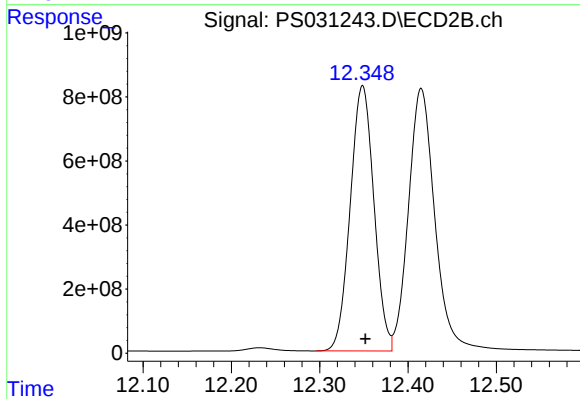
#15 Picloram

R.T.: 12.415 min
Delta R.T.: -0.004 min
Response: 16761719896
Conc: 673.30 ng/ml



#16 DCPA

R.T.: 11.716 min
Delta R.T.: -0.008 min
Response: 19471902543
Conc: 678.62 ng/ml



#16 DCPA

R.T.: 12.348 min
Delta R.T.: -0.003 min
Response: 15465916997
Conc: 671.38 ng/ml m