

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100325\
 Data File : PS031941.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2025 09:58
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2025
 Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:27:38 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	7.281	7.741	2642.7E6	653.9E6	733.773	719.492
Target Compounds							
1) T	Dalapon	2.667	2.690	3209.2E6	1641.3E6	555.150	582.520
2) T	3,5-DICHL...	6.449	6.694	3687.0E6	1099.4E6	691.308	720.928
3) T	4-Nitroph...	7.098	7.300	727.6E6	891.1E6	659.514	705.626m
5) T	DICAMBA	7.463	7.936	10800.6E6	4532.6E6	692.489	696.583
6) T	MCPD	7.641	8.032	636.8E6	139.3E6	71.238	73.941
7) T	MCPA	7.790	8.279	806.8E6	204.1E6	72.614	72.860
8) T	DICHLORPROP	8.171	8.655	2455.5E6	1038.5E6	689.420	713.704
9) T	2,4-D	8.410	8.999	2309.1E6	1096.1E6	674.063m	666.300
10) T	Pentachlo...	8.703	9.503	41577.6E6	30550.1E6	783.097	769.708
11) T	2,4,5-TP ...	9.279	9.888	14932.1E6	10632.7E6	711.946	706.288
12) T	2,4,5-T	9.578	10.318	13431.5E6	9162.6E6	734.035	680.877
13) T	2,4-DB	10.153	10.887	1337.5E6	621.3E6	573.361m	580.670
14) T	DINOSEB	11.346	11.260	10923.3E6	7528.7E6	757.370	774.507
15) T	Picloram	11.180	12.383	11388.2E6	15301.3E6	632.288	646.081
16) T	DCPA	11.645	12.300	20007.4E6	17587.0E6	742.392	729.627

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

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Data File : PS031941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2025 09:58
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

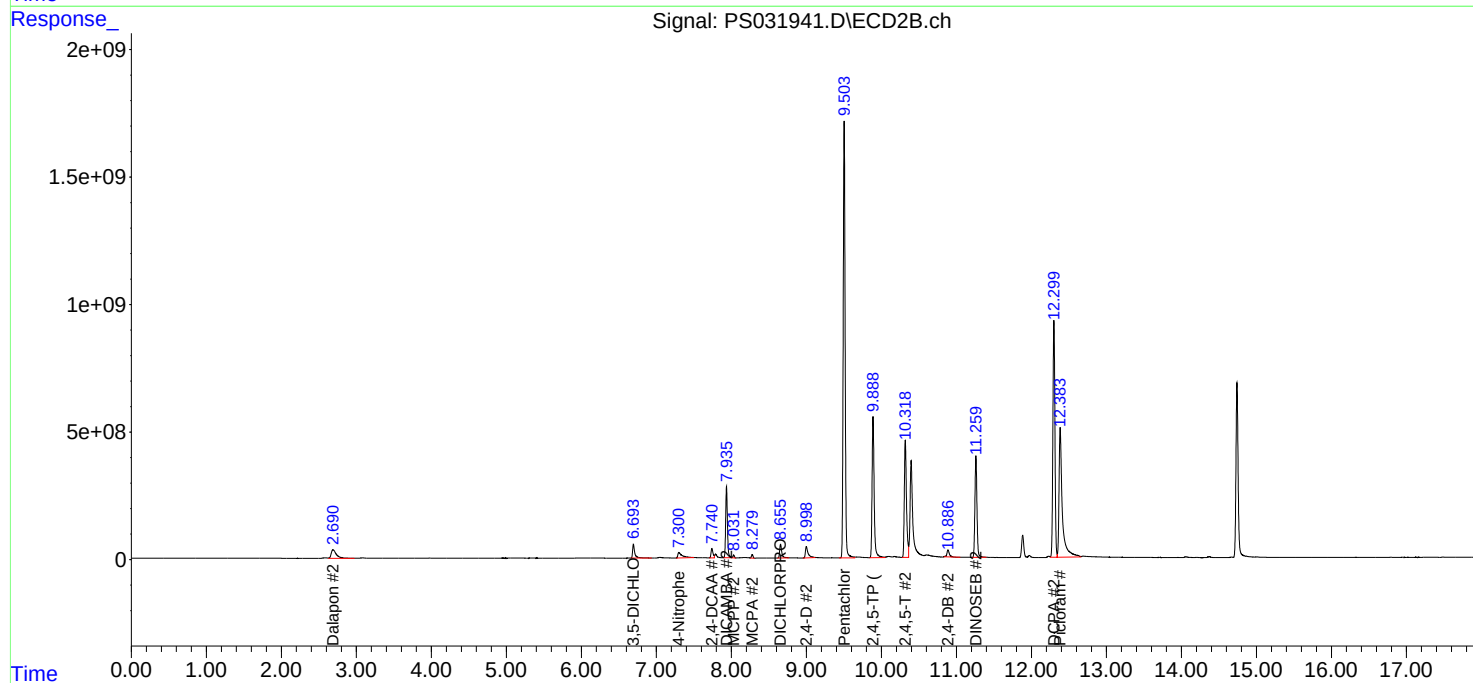
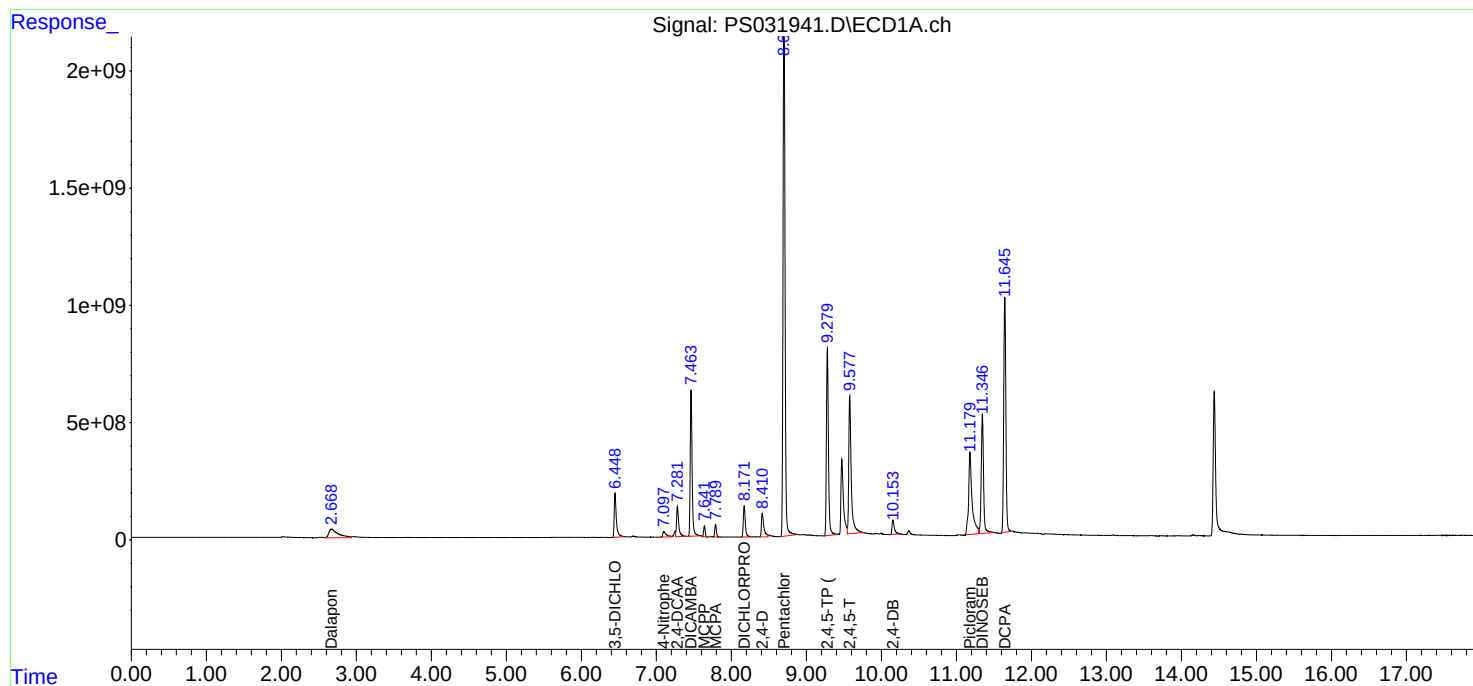
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

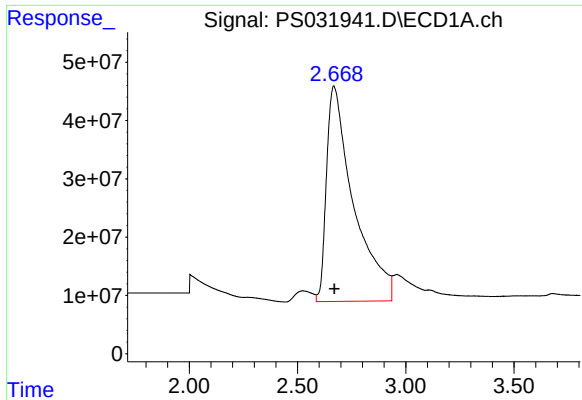
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.667 min
Delta R.T.: -0.004 min
Response: 3209181222
Conc: 555.15 ng/ml

Instrument :

ECD_S

ClientSampleId :

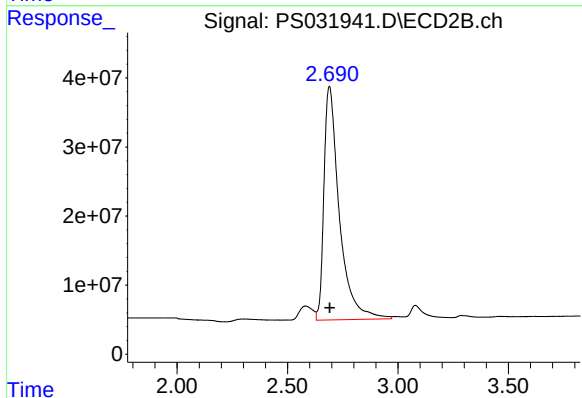
HSTDCCC750

Manual Integrations

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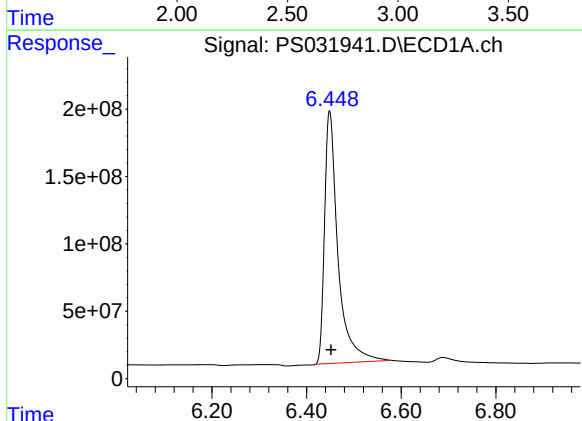
Reviewed By :Yogesh Patel 10/06/2025

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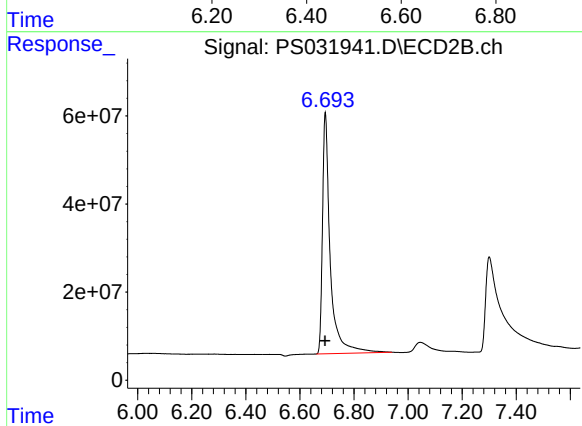
#1 Dalapon

R.T.: 2.690 min
Delta R.T.: -0.002 min
Response: 1641325381
Conc: 582.52 ng/ml



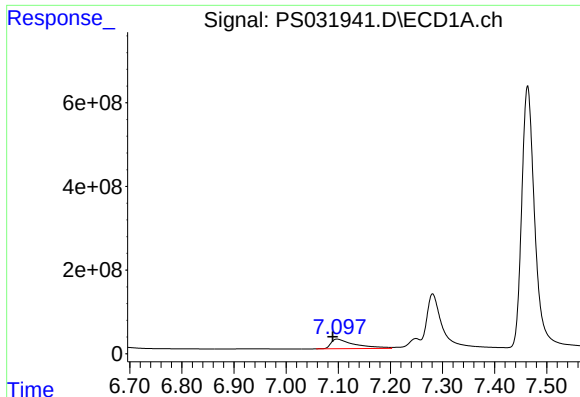
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min
Delta R.T.: -0.003 min
Response: 3686994528
Conc: 691.31 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: 0.001 min
Response: 1099390420
Conc: 720.93 ng/ml



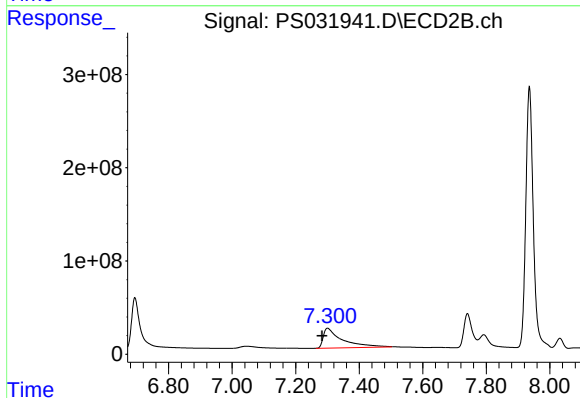
#3 4-Nitrophenol

R.T.: 7.098 min
Delta R.T.: 0.008 min
Response: 727581356
Conc: 659.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

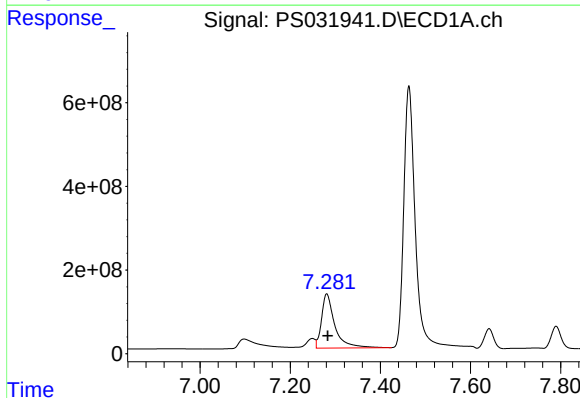
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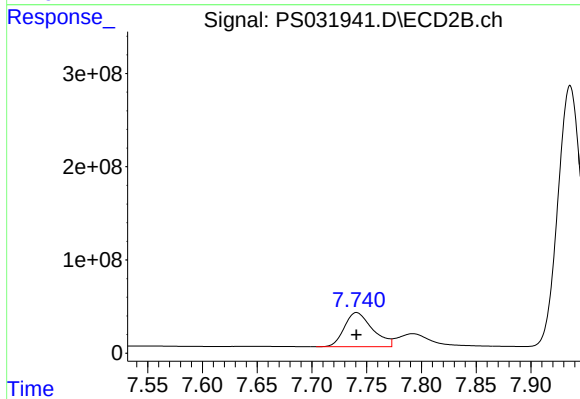
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.017 min
Response: 891055464
Conc: 705.63 ng/ml m



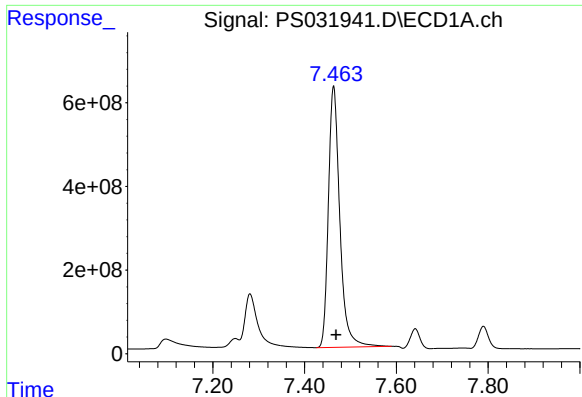
#4 2,4-DCAA

R.T.: 7.281 min
Delta R.T.: -0.002 min
Response: 2642702884
Conc: 733.77 ng/ml



#4 2,4-DCAA

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 653946174
Conc: 719.49 ng/ml



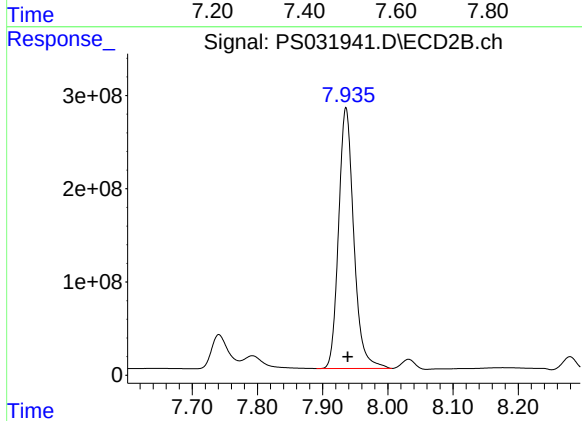
#5 DICAMBA

R.T.: 7.463 min
Delta R.T.: -0.005 min
Response: 10800550927
Conc: 692.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

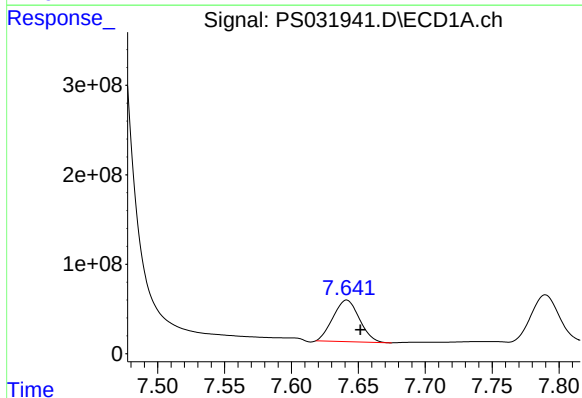
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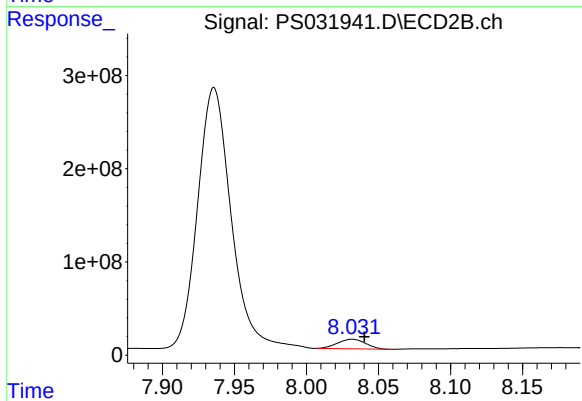
#5 DICAMBA

R.T.: 7.936 min
Delta R.T.: -0.003 min
Response: 4532559282
Conc: 696.58 ng/ml



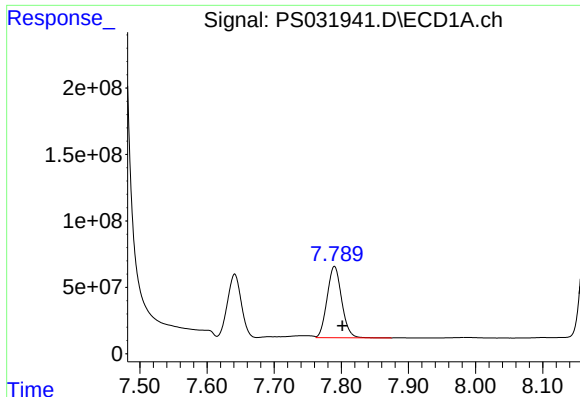
#6 MCPP

R.T.: 7.641 min
Delta R.T.: -0.010 min
Response: 636810172
Conc: 71.24 ug/ml



#6 MCPP

R.T.: 8.032 min
Delta R.T.: -0.008 min
Response: 139260414
Conc: 73.94 ug/ml



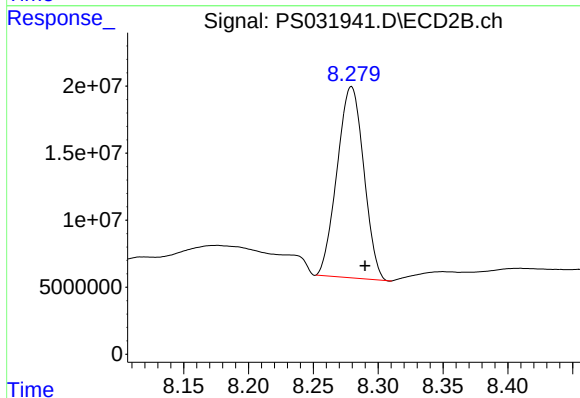
#7 MCPA

R.T.: 7.790 min
Delta R.T.: -0.012 min
Response: 806770187
Conc: 72.61 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

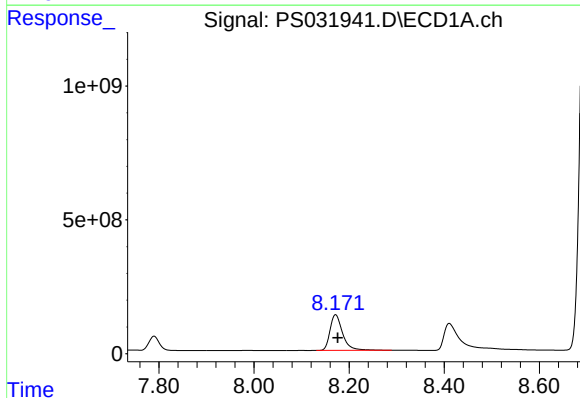
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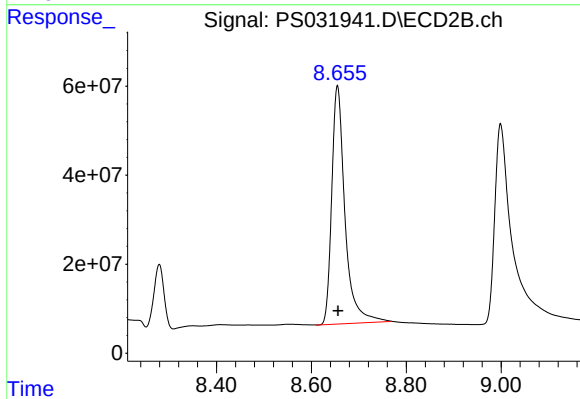
#7 MCPA

R.T.: 8.279 min
Delta R.T.: -0.011 min
Response: 204097286
Conc: 72.86 ug/ml



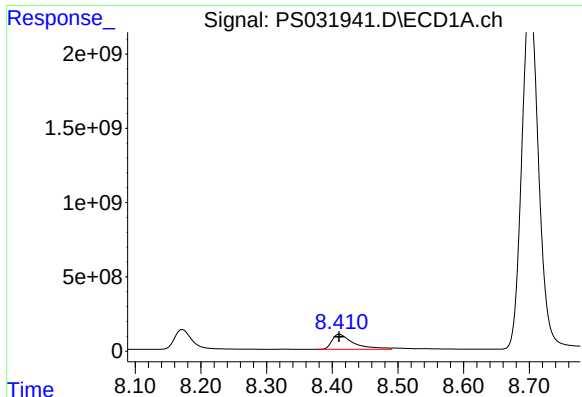
#8 DICHLORPROP

R.T.: 8.171 min
Delta R.T.: -0.005 min
Response: 2455549868
Conc: 689.42 ng/ml



#8 DICHLORPROP

R.T.: 8.655 min
Delta R.T.: -0.002 min
Response: 1038482183
Conc: 713.70 ng/ml



#9 2,4-D

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 2309096541
Conc: 674.06 ng/ml

Instrument :

ECD_S

ClientSampleId :

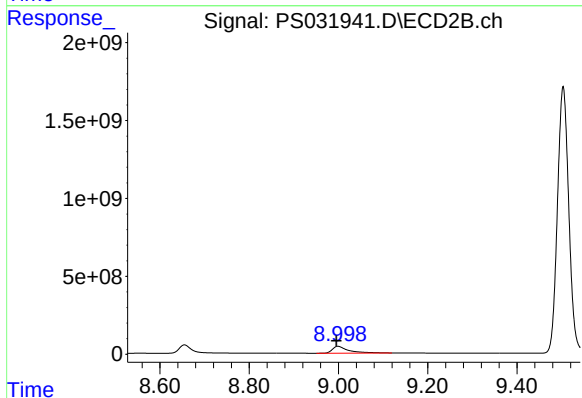
HSTDCCC750

Manual Integrations

APPROVED

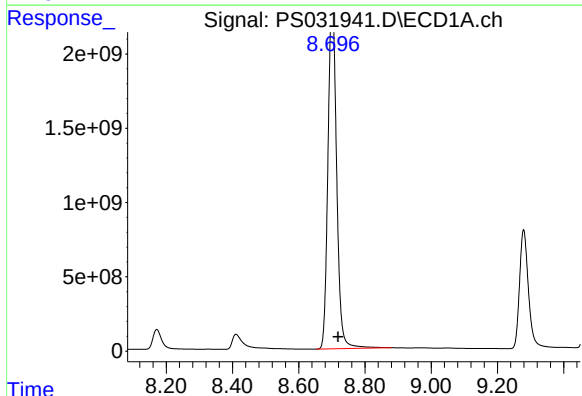
Reviewed By :Yogesh Patel 10/06/2025

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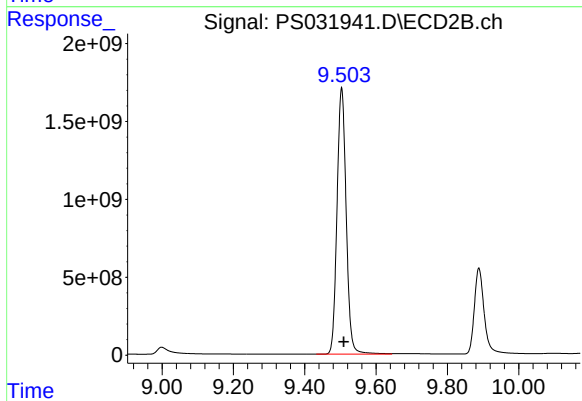
#9 2,4-D

R.T.: 8.999 min
Delta R.T.: 0.003 min
Response: 1096137480
Conc: 666.30 ng/ml



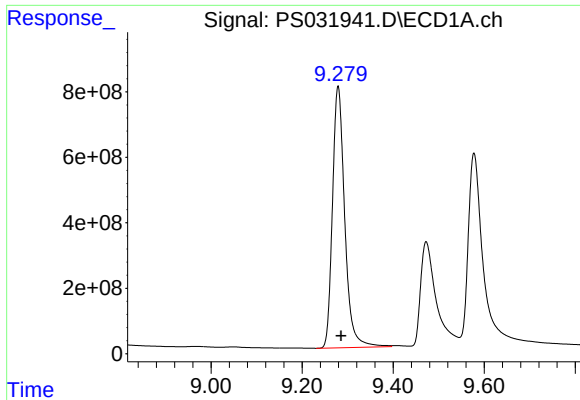
#10 Pentachlorophenol

R.T.: 8.703 min
Delta R.T.: -0.016 min
Response: 41577628968
Conc: 783.10 ng/ml



#10 Pentachlorophenol

R.T.: 9.503 min
Delta R.T.: -0.006 min
Response: 30550113694
Conc: 769.71 ng/ml



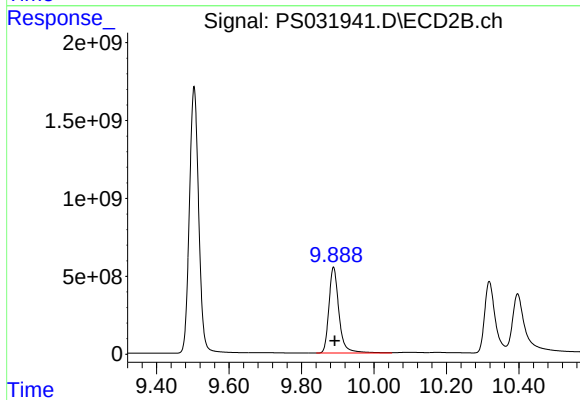
#11 2,4,5-TP (SILVEX)

R.T.: 9.279 min
Delta R.T.: -0.006 min
Response: 14932139050
Conc: 711.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

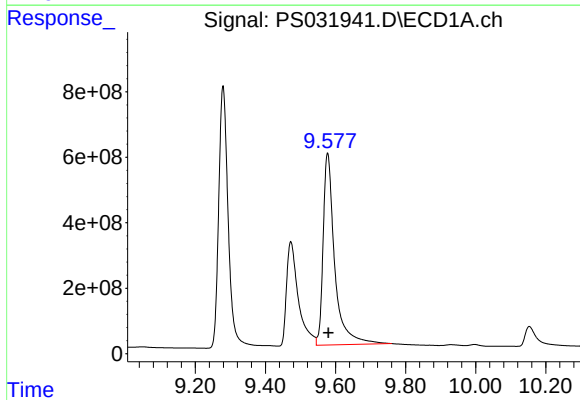
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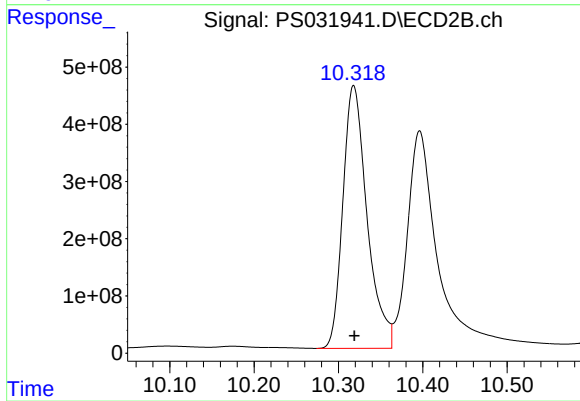
#11 2,4,5-TP (SILVEX)

R.T.: 9.888 min
Delta R.T.: -0.004 min
Response: 10632684455
Conc: 706.29 ng/ml



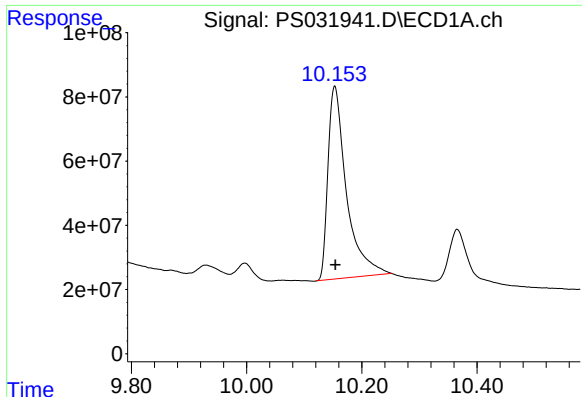
#12 2,4,5-T

R.T.: 9.578 min
Delta R.T.: -0.002 min
Response: 13431505636
Conc: 734.04 ng/ml



#12 2,4,5-T

R.T.: 10.318 min
Delta R.T.: -0.001 min
Response: 9162579691
Conc: 680.88 ng/ml



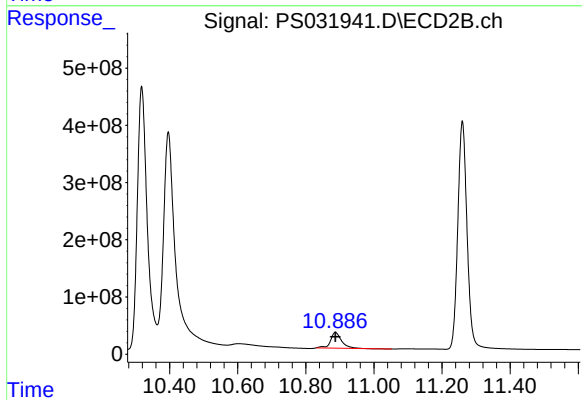
#13 2,4-DB

R.T.: 10.153 min
Delta R.T.: -0.002 min
Response: 1337517867
Conc: 573.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

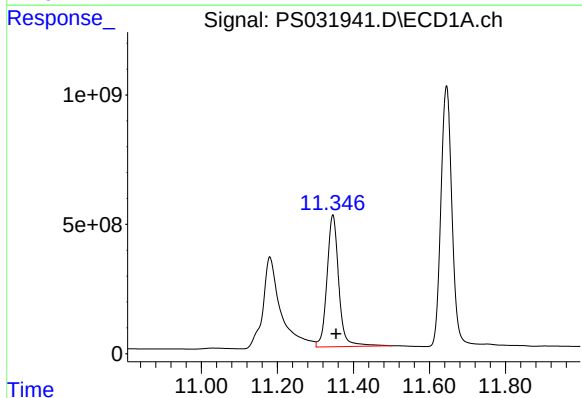
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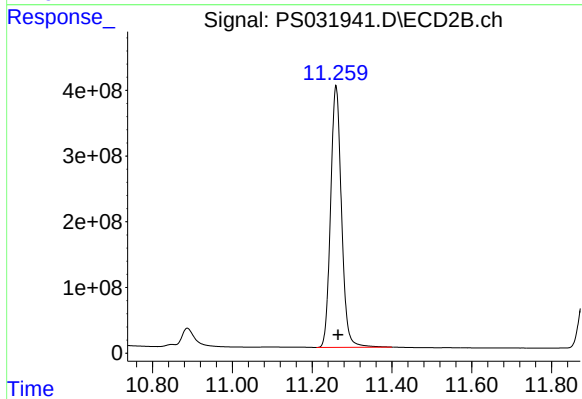
#13 2,4-DB

R.T.: 10.887 min
Delta R.T.: 0.000 min
Response: 621342589
Conc: 580.67 ng/ml



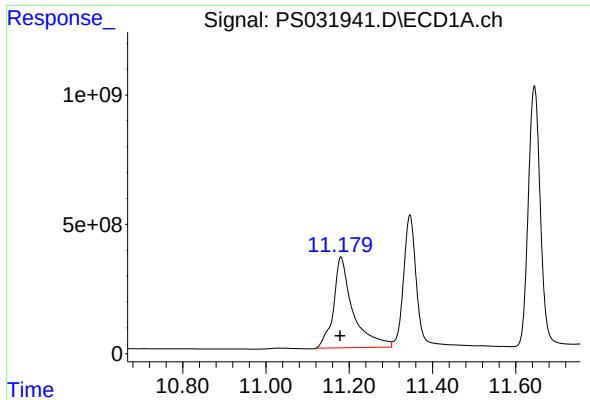
#14 DINOSEB

R.T.: 11.346 min
Delta R.T.: -0.008 min
Response: 10923316183
Conc: 757.37 ng/ml



#14 DINOSEB

R.T.: 11.260 min
Delta R.T.: -0.006 min
Response: 7528732034
Conc: 774.51 ng/ml



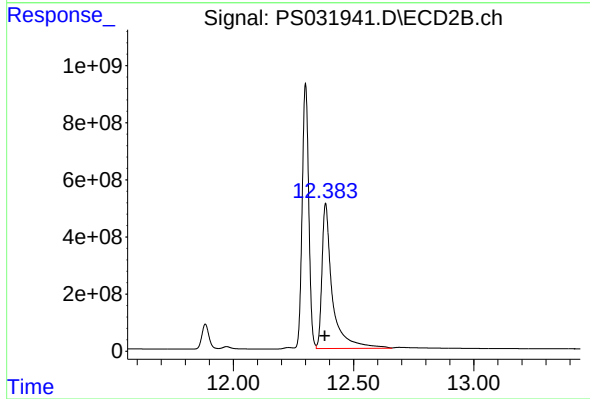
#15 Picloram

R.T.: 11.180 min
Delta R.T.: 0.002 min
Response: 11388185294
Conc: 632.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

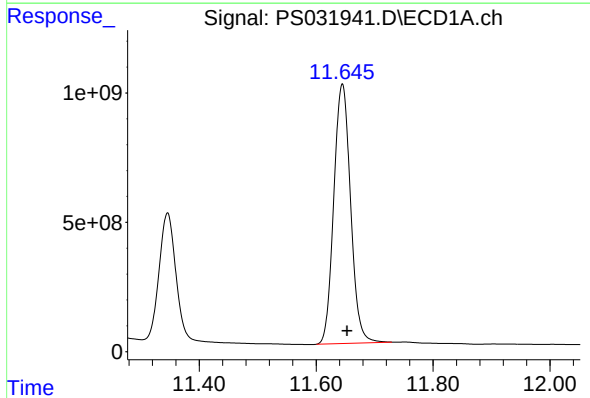
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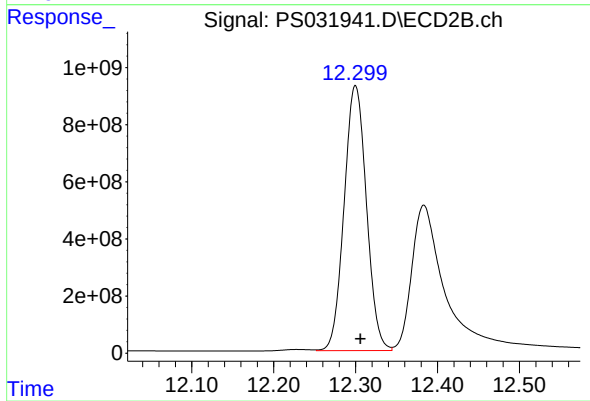
#15 Picloram

R.T.: 12.383 min
Delta R.T.: 0.004 min
Response: 15301295692
Conc: 646.08 ng/ml



#16 DCPA

R.T.: 11.645 min
Delta R.T.: -0.008 min
Response: 20007386127
Conc: 742.39 ng/ml



#16 DCPA

R.T.: 12.300 min
Delta R.T.: -0.006 min
Response: 17586993881
Conc: 729.63 ng/ml