

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072325\
 Data File : PS031192.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2025 15:03
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/24/2025
 Supervised By : mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 01:19:23 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	7.322	7.764	3382.3E6	793.2E6	777.845	781.487
Target Compounds							
1) T	Dalapon	2.688	2.704	4141.5E6	1913.9E6	660.218	674.696
2) T	3,5-DICHL...	6.484	6.711	3986.0E6	1110.3E6	721.734	721.050
3) T	4-Nitroph...	7.121	7.297	1332.8E6	1299.8E6	808.378	718.409
5) T	DICAMBA	7.511	7.966	12255.7E6	4842.0E6	742.908	750.309
6) T	MCPD	7.693	8.066	800.6E6	154.5E6	79.979	74.378
7) T	MCPA	7.843	8.315	978.7E6	229.2E6	78.209	72.648
8) T	DICHLORPROP	8.221	8.685	2810.8E6	1092.1E6	735.444	720.944
9) T	2,4-D	8.453	9.021	2923.3E6	1239.9E6	782.686	730.046
10) T	Pentachlo...	8.763	9.545	43026.2E6	29838.3E6	787.715	763.496
11) T	2,4,5-TP ...	9.338	9.926	16792.4E6	11058.6E6	764.907	742.479
12) T	2,4,5-T	9.631	10.353	15948.0E6	10612.2E6	816.682	746.314
13) T	2,4-DB	10.207	10.920	2529.8E6	867.4E6	846.133m	741.069
14) T	DINOSEB	11.422	11.305	11277.2E6	8077.5E6	724.316	714.687
15) T	Picloram	11.232	12.414	17960.6E6	18888.7E6	897.734	758.733
16) T	DCPA	11.719	12.348	21597.4E6	17426.4E6	752.695	756.484m

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

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Acq On : 23 Jul 2025 15:03
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

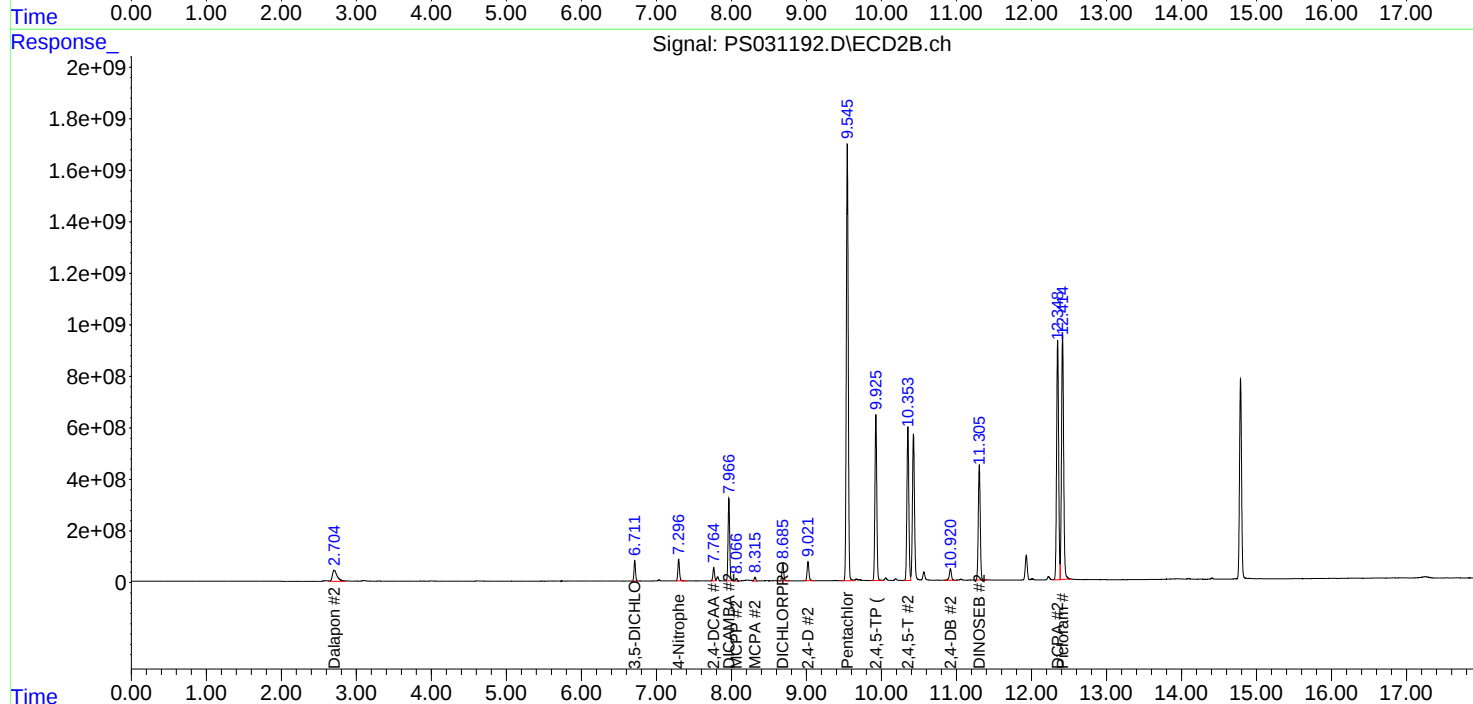
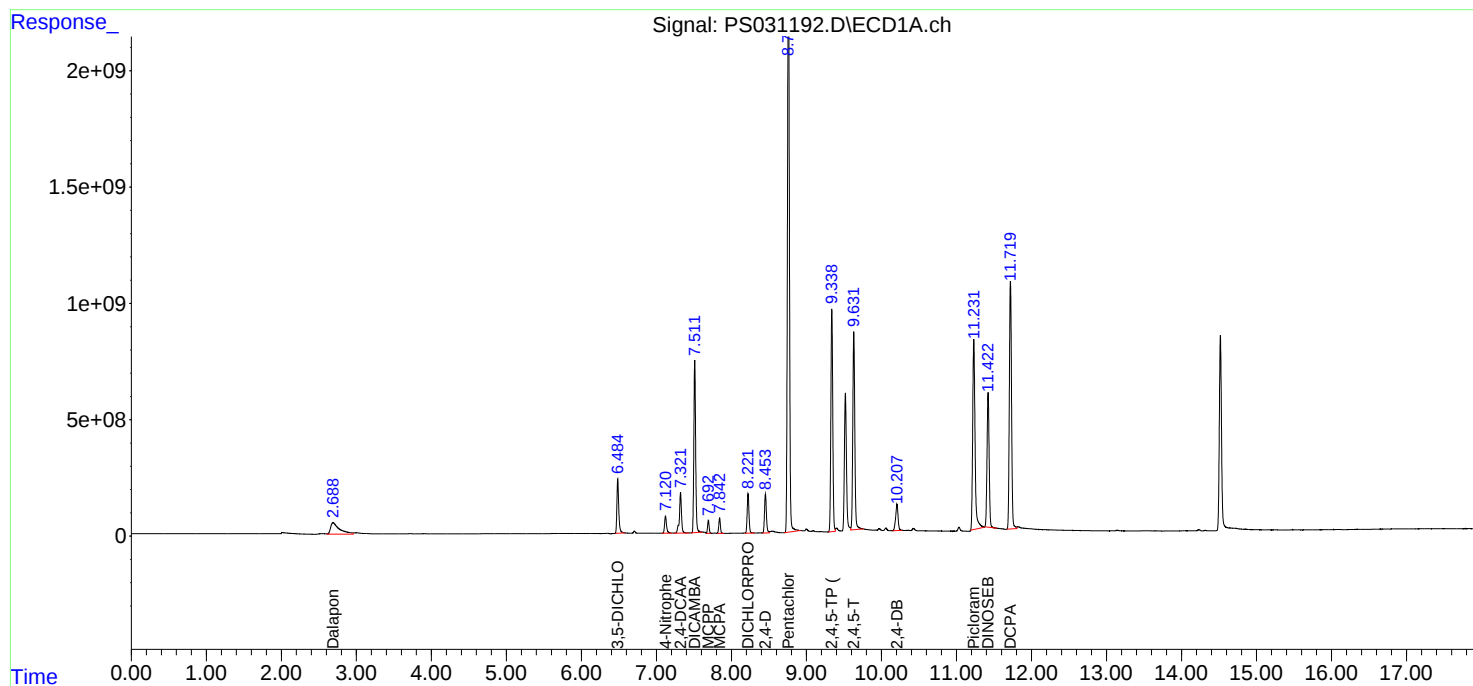
Instrument :
ECD_S
ClientSampleId :
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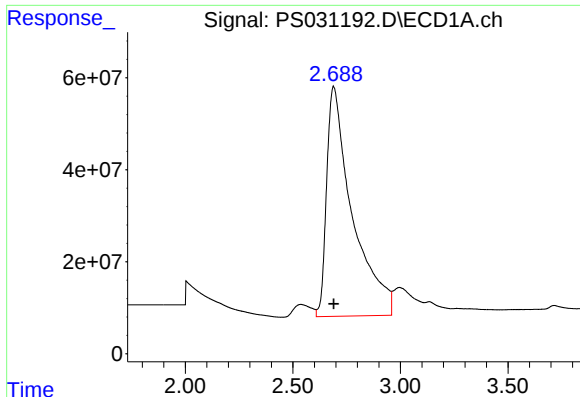
Manual Integrations
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Supervised By :mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Title : 8080.M
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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





#1 Dalapon

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 4141483354
Conc: 660.22 ng/ml

Instrument :

ECD_S

ClientSampleId :

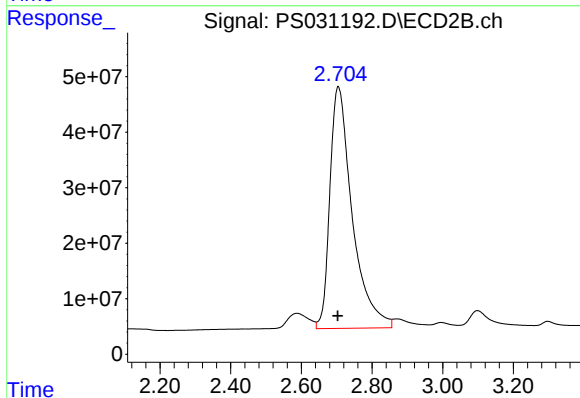
HSTDCCC750

Manual Integrations

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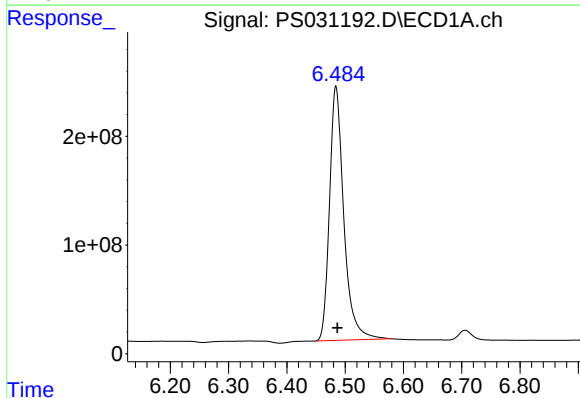
Reviewed By :Abdul Mirza 07/24/2025

Supervised By :mohammad ahmed 07/25/2025



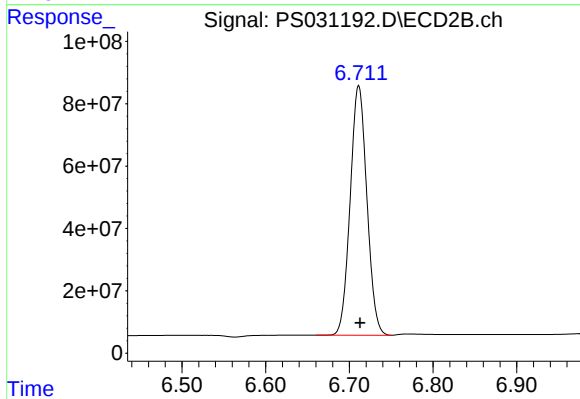
#1 Dalapon

R.T.: 2.704 min
Delta R.T.: 0.000 min
Response: 1913937807
Conc: 674.70 ng/ml



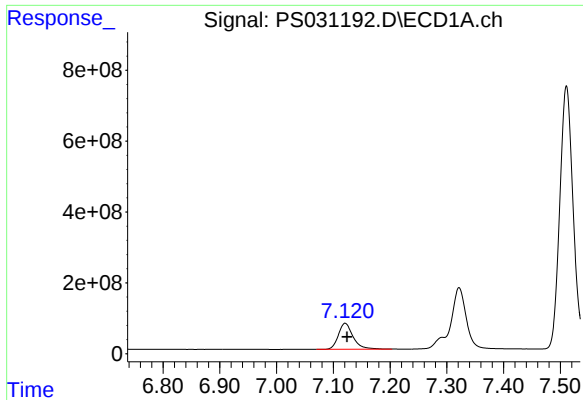
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.484 min
Delta R.T.: -0.003 min
Response: 3985954838
Conc: 721.73 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 1110340141
Conc: 721.05 ng/ml



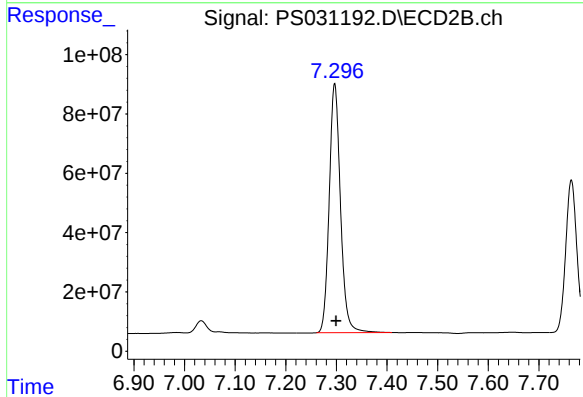
#3 4-Nitrophenol

R.T.: 7.121 min
Delta R.T.: -0.003 min
Response: 1332841881
Conc: 808.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

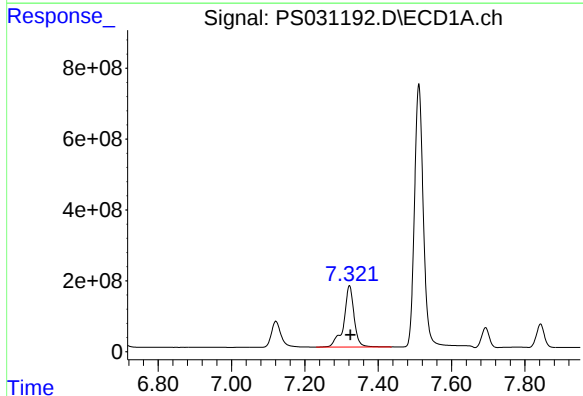
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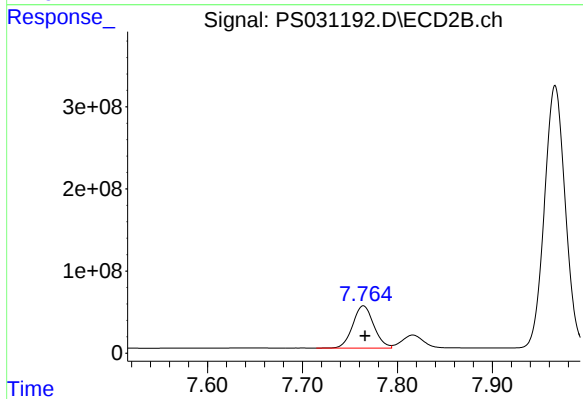
#3 4-Nitrophenol

R.T.: 7.297 min
Delta R.T.: -0.002 min
Response: 1299829815
Conc: 718.41 ng/ml



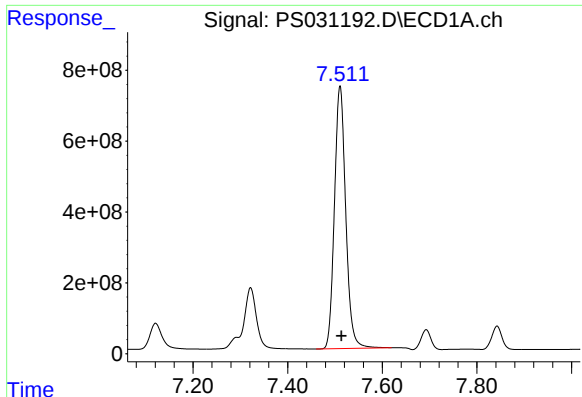
#4 2,4-DCAA

R.T.: 7.322 min
Delta R.T.: -0.003 min
Response: 3382268835
Conc: 777.85 ng/ml



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: -0.002 min
Response: 793184080
Conc: 781.49 ng/ml



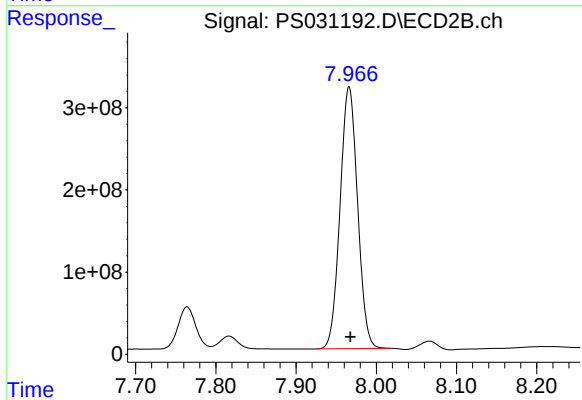
#5 DICAMBA

R.T.: 7.511 min
Delta R.T.: -0.003 min
Response: 12255723318
Conc: 742.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

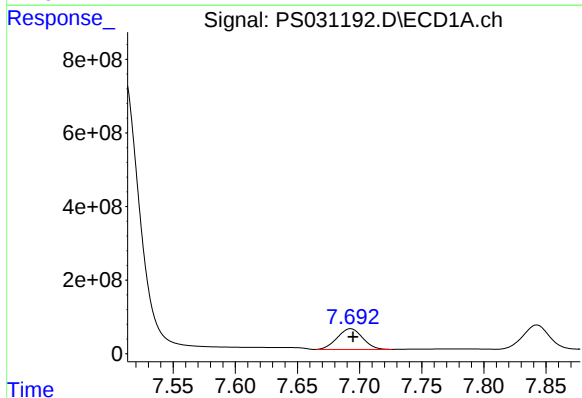
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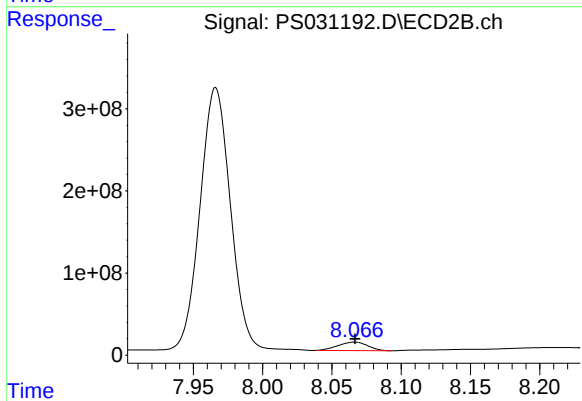
#5 DICAMBA

R.T.: 7.966 min
Delta R.T.: -0.002 min
Response: 4842019591
Conc: 750.31 ng/ml



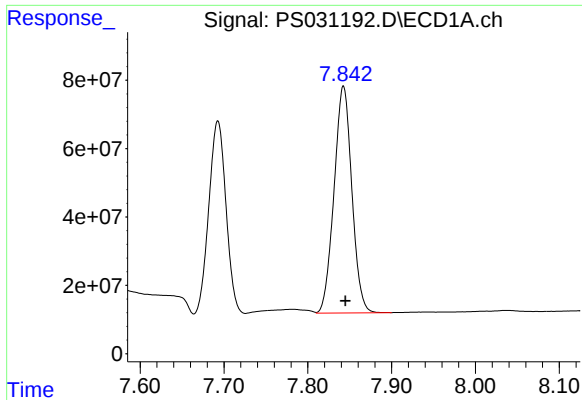
#6 MCP

R.T.: 7.693 min
Delta R.T.: -0.002 min
Response: 800590773
Conc: 79.98 ug/ml



#6 MCP

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 154542235
Conc: 74.38 ug/ml



#7 MCPA

R.T.: 7.843 min
Delta R.T.: -0.002 min
Response: 978726147
Conc: 78.21 ug/ml

Instrument :

ECD_S

ClientSampleId :

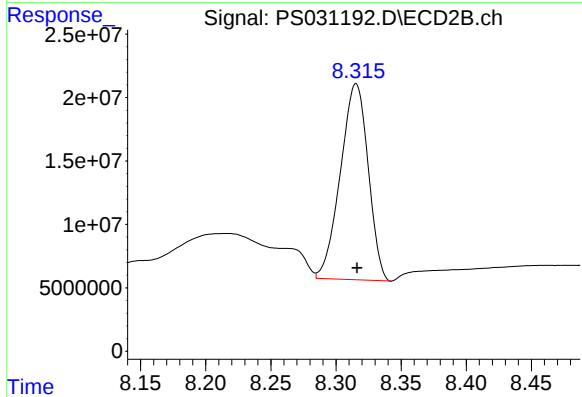
HSTDCCC750

Manual Integrations

APPROVED

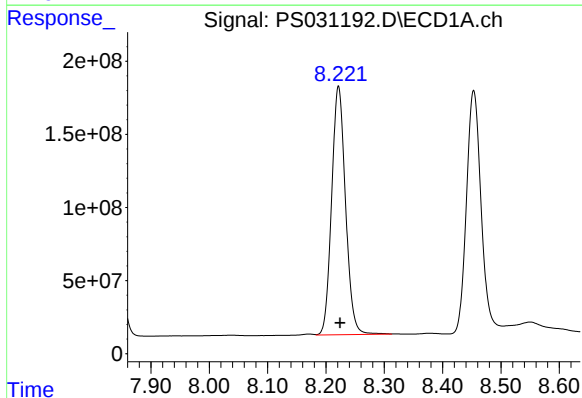
Reviewed By :Abdul Mirza 07/24/2025

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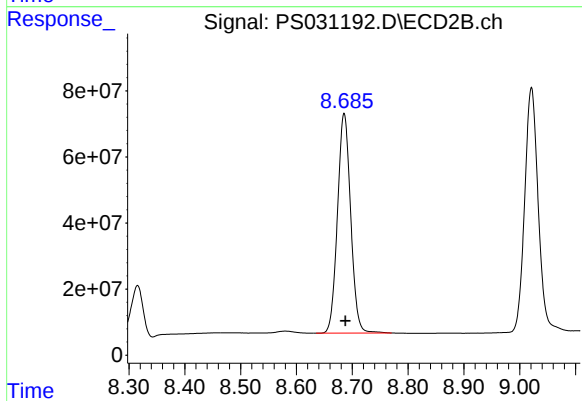
#7 MCPA

R.T.: 8.315 min
Delta R.T.: 0.000 min
Response: 229219957
Conc: 72.65 ug/ml



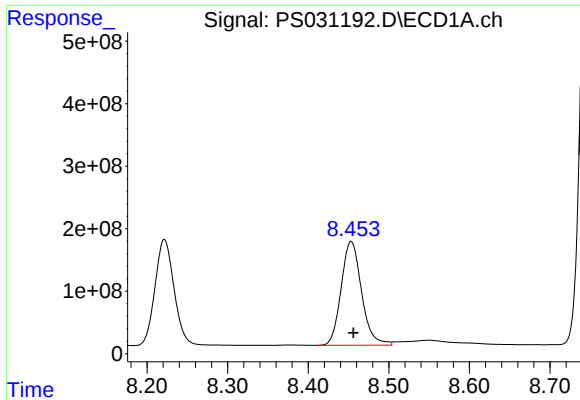
#8 DICHLORPROP

R.T.: 8.221 min
Delta R.T.: -0.003 min
Response: 2810834949
Conc: 735.44 ng/ml



#8 DICHLORPROP

R.T.: 8.685 min
Delta R.T.: -0.002 min
Response: 1092128846
Conc: 720.94 ng/ml



#9 2,4-D

R.T.: 8.453 min
Delta R.T.: -0.003 min
Response: 2923266789
Conc: 782.69 ng/ml

Instrument :

ECD_S

ClientSampleId :

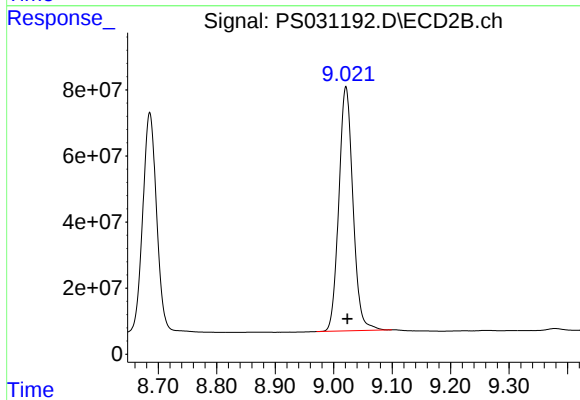
HSTDCCC750

Manual Integrations

APPROVED

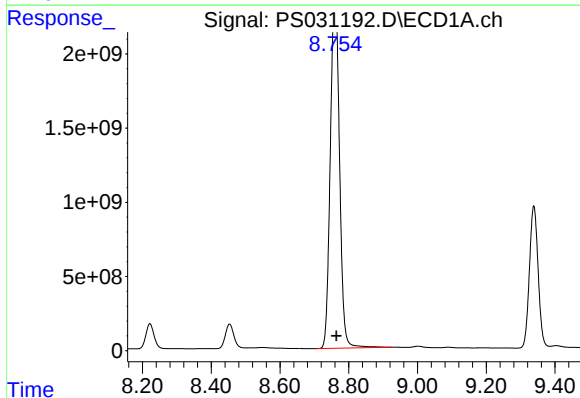
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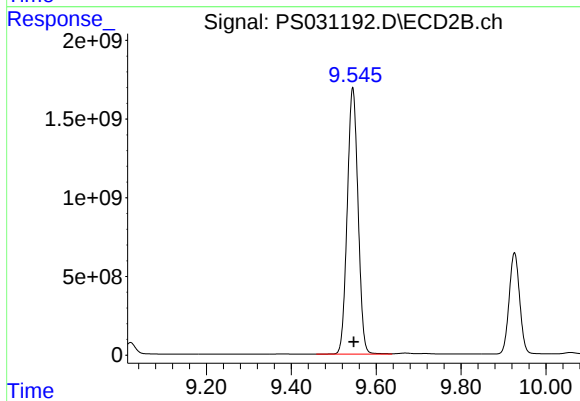
#9 2,4-D

R.T.: 9.021 min
Delta R.T.: -0.003 min
Response: 1239851370
Conc: 730.05 ng/ml



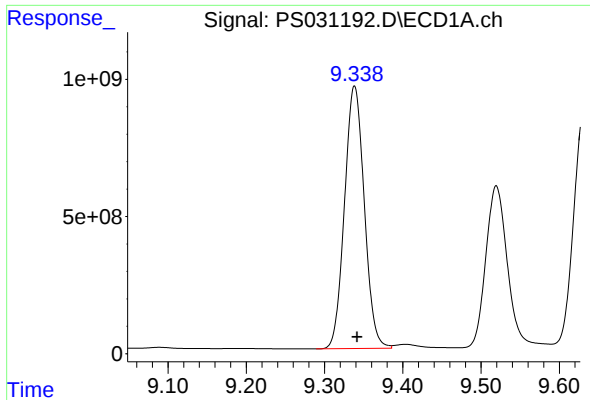
#10 Pentachlorophenol

R.T.: 8.763 min
Delta R.T.: 0.000 min
Response: 43026209769
Conc: 787.71 ng/ml



#10 Pentachlorophenol

R.T.: 9.545 min
Delta R.T.: -0.002 min
Response: 29838345958
Conc: 763.50 ng/ml



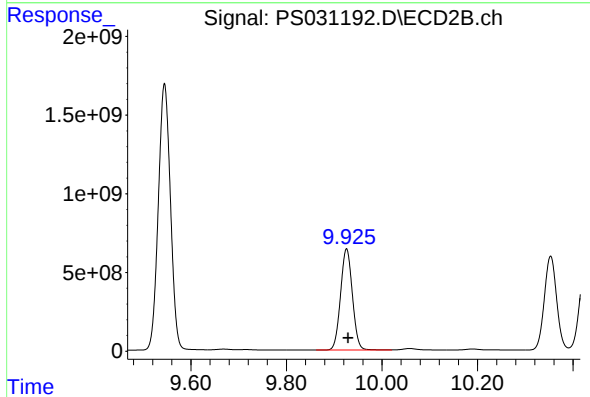
#11 2,4,5-TP (SILVEX)

R.T.: 9.338 min
Delta R.T.: -0.004 min
Response: 16792444173
Conc: 764.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

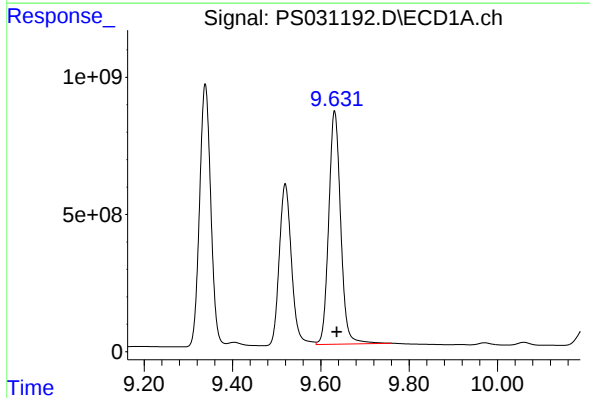
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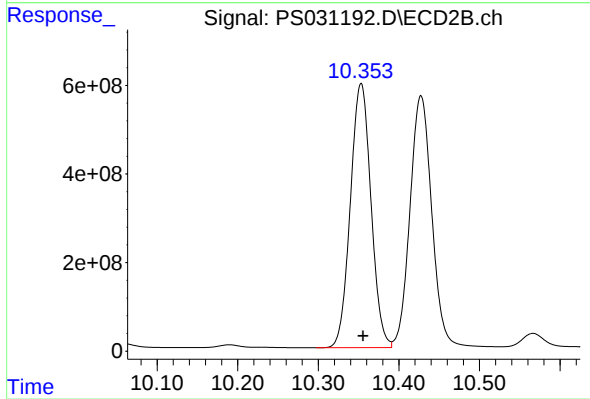
#11 2,4,5-TP (SILVEX)

R.T.: 9.926 min
Delta R.T.: -0.003 min
Response: 11058618876
Conc: 742.48 ng/ml



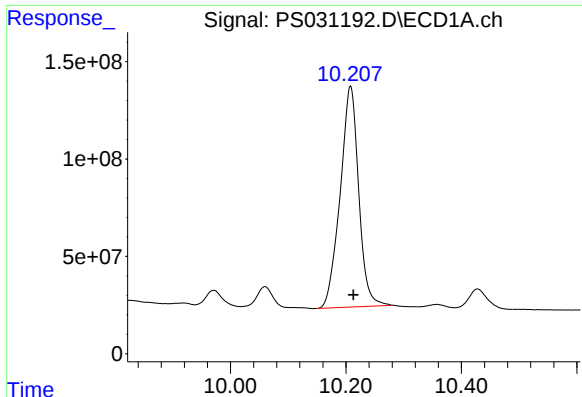
#12 2,4,5-T

R.T.: 9.631 min
Delta R.T.: -0.005 min
Response: 15947995088
Conc: 816.68 ng/ml



#12 2,4,5-T

R.T.: 10.353 min
Delta R.T.: -0.002 min
Response: 10612174904
Conc: 746.31 ng/ml



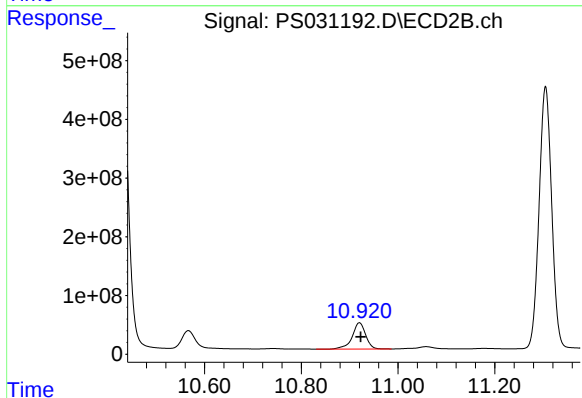
#13 2,4-DB

R.T.: 10.207 min
Delta R.T.: -0.005 min
Response: 2529838970
Conc: 846.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

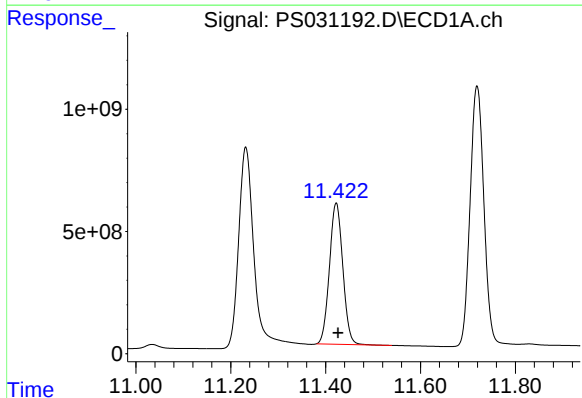
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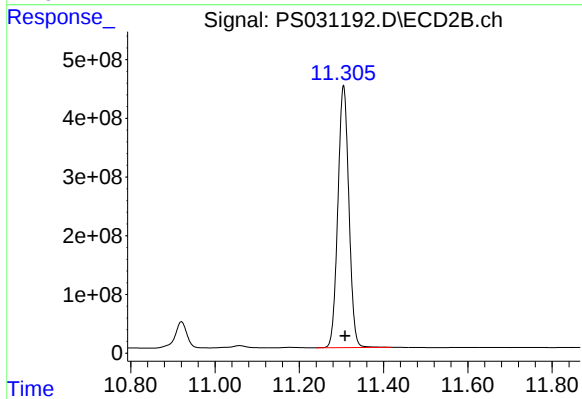
#13 2,4-DB

R.T.: 10.920 min
Delta R.T.: -0.003 min
Response: 867429153
Conc: 741.07 ng/ml



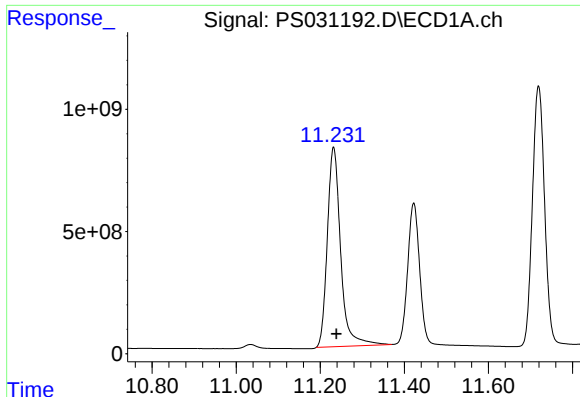
#14 DINOSEB

R.T.: 11.422 min
Delta R.T.: -0.004 min
Response: 11277237370
Conc: 724.32 ng/ml



#14 DINOSEB

R.T.: 11.305 min
Delta R.T.: -0.003 min
Response: 8077451534
Conc: 714.69 ng/ml



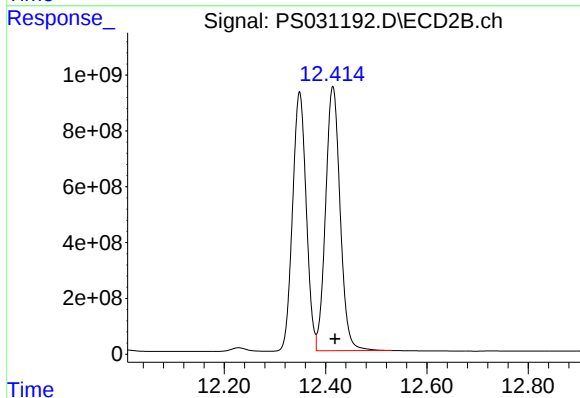
#15 Picloram

R.T.: 11.232 min
Delta R.T.: -0.007 min
Response: 17960584141
Conc: 897.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

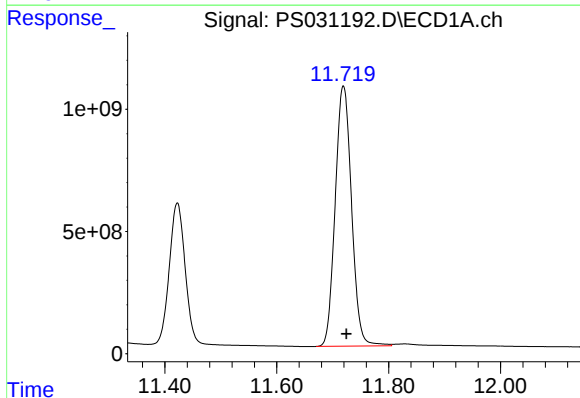
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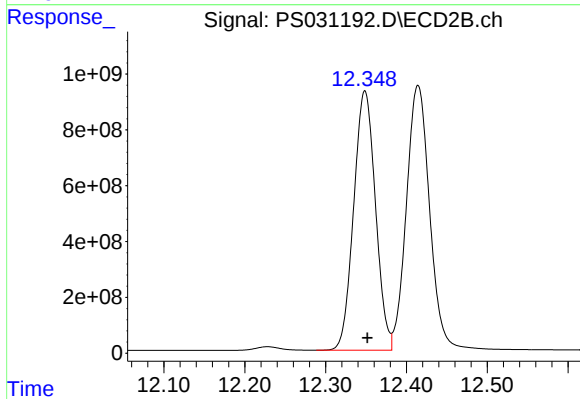
#15 Picloram

R.T.: 12.414 min
Delta R.T.: -0.004 min
Response: 18888690074
Conc: 758.73 ng/ml



#16 DCPA

R.T.: 11.719 min
Delta R.T.: -0.005 min
Response: 21597429597
Conc: 752.69 ng/ml



#16 DCPA

R.T.: 12.348 min
Delta R.T.: -0.003 min
Response: 17426391031
Conc: 756.48 ng/ml m