

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102725\
 Data File : PS032194.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 04:08
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/28/2025
 Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 06:25:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS102725.M
 Quant Title : 8080.M
 QLast Update : Tue Oct 28 04:40:54 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	7.275	7.747	3273.1E6	780.0E6	757.022	713.263
Target Compounds							
1) T	Dalapon	2.659	2.692	4661.6E6	2398.4E6	646.439	652.088
2) T	3,5-DICHL...	6.443	6.701	4368.8E6	1236.3E6	690.942	656.927
3) T	4-Nitroph...	7.094	7.307	805.8E6	1012.2E6	742.616m	638.100
5) T	DICAMBA	7.457	7.941	12964.0E6	5477.7E6	701.760	670.794
6) T	MCPD	7.634	8.038	787.8E6	178.8E6	73.169	69.911
7) T	MCPA	7.784	8.285	966.4E6	240.7E6	74.216	68.742
8) T	DICHLORPROP	8.165	8.661	2977.1E6	1211.9E6	684.430	659.551
9) T	2,4-D	8.405	9.005	3045.7E6	1299.5E6	735.063	673.090
10) T	Pentachlo...	8.697	9.509	45786.1E6	35452.2E6	742.041	729.997
11) T	2,4,5-TP ...	9.272	9.894	17915.6E6	12924.2E6	725.826	683.755
12) T	2,4,5-T	9.571	10.324	16472.7E6	11159.6E6	790.796	691.988
13) T	2,4-DB	10.148	10.893	1847.3E6	850.4E6	802.704	616.330
14) T	DINOSEB	11.335	11.265	13433.1E6	9268.9E6	699.643	672.131
15) T	Picloram	11.175	12.392	14170.5E6	19402.3E6	752.485	667.455
16) T	DCPA	11.635	12.306	23086.4E6	21900.9E6	720.540	703.311

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

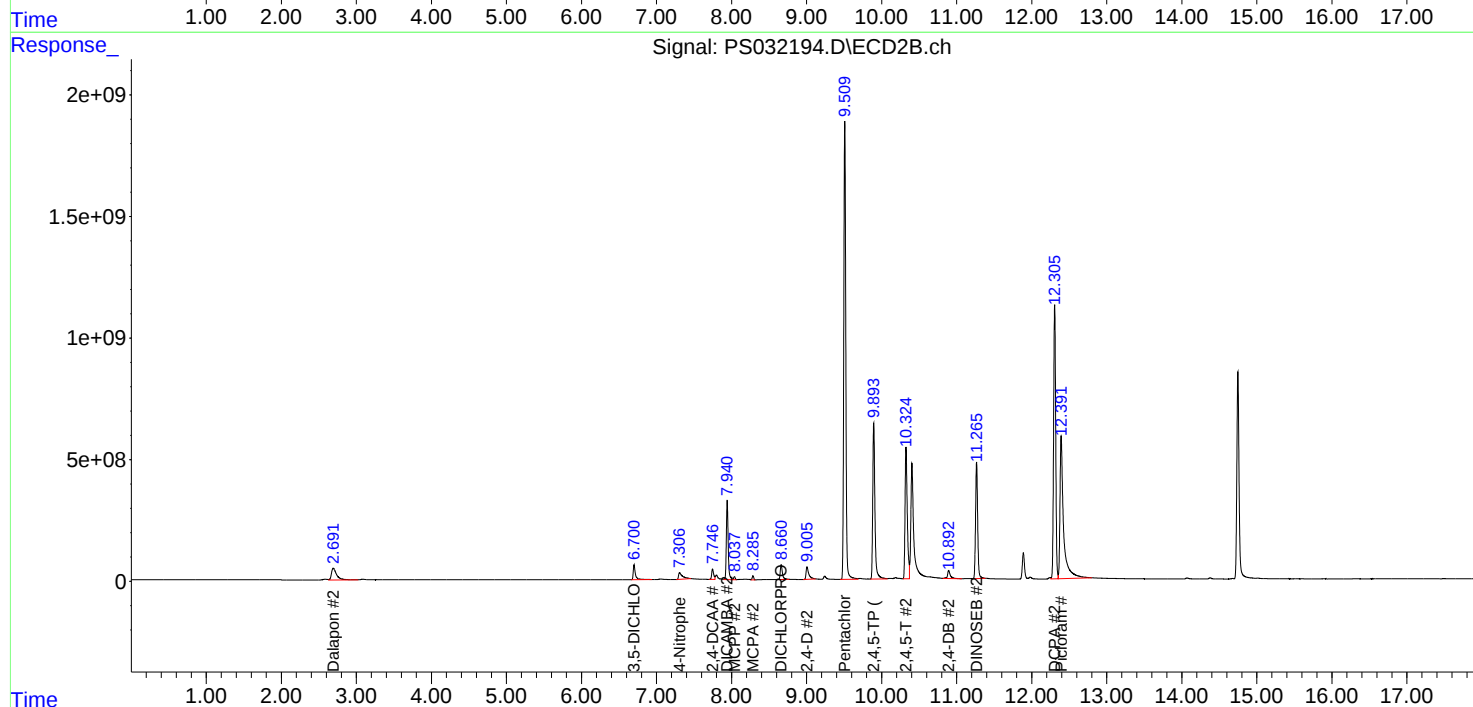
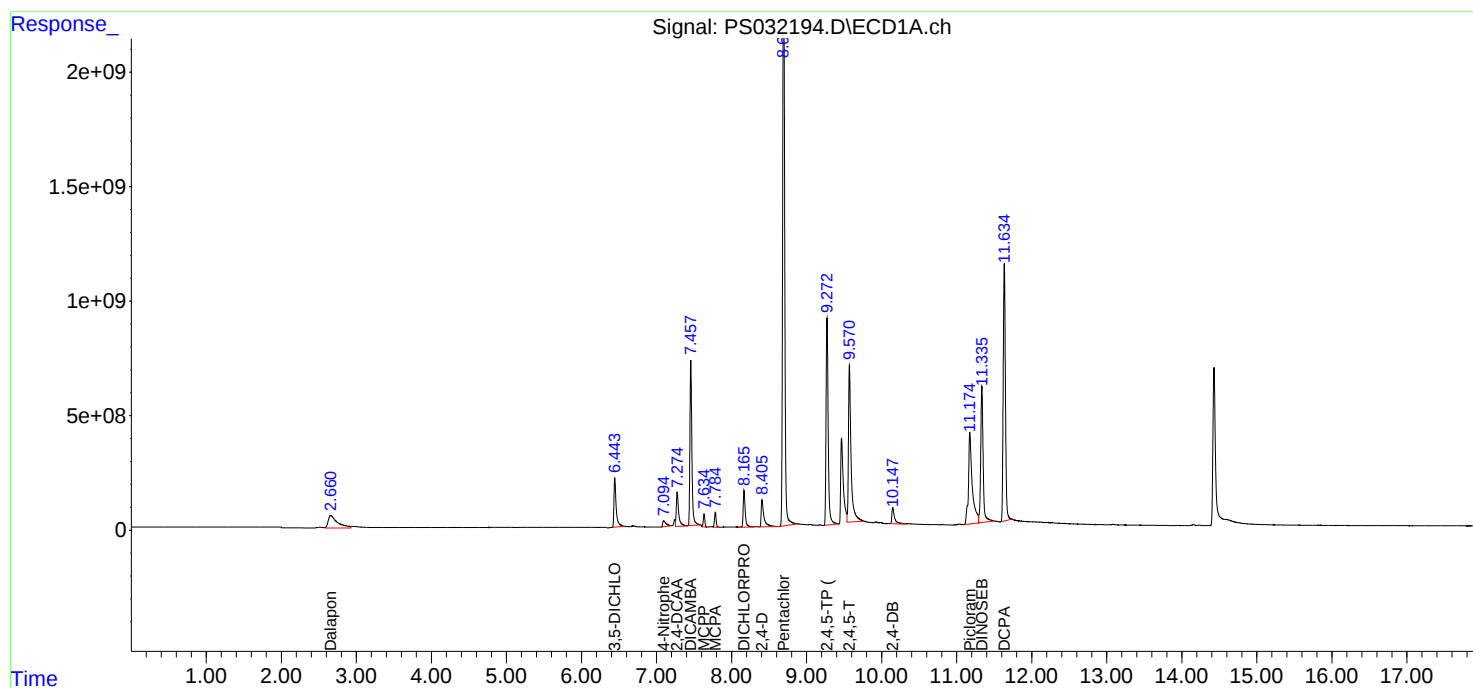
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

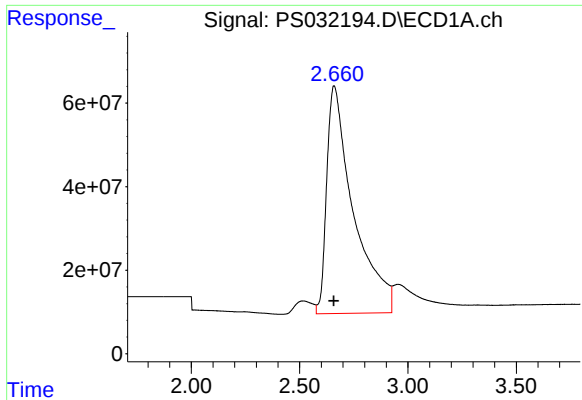
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.659 min
Delta R.T.: 0.000 min
Response: 4661560162
Conc: 646.44 ng/ml

Instrument :

ECD_S

ClientSampleId :

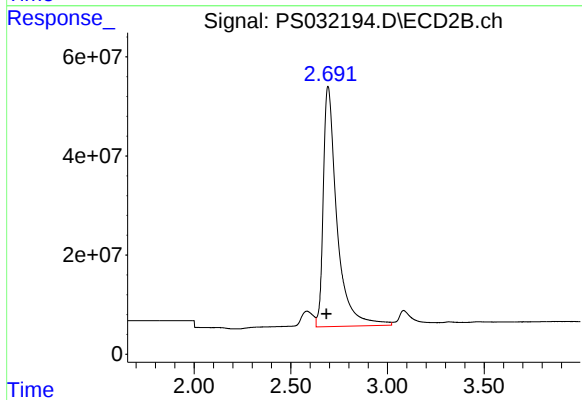
HSTDCCC750

Manual Integrations

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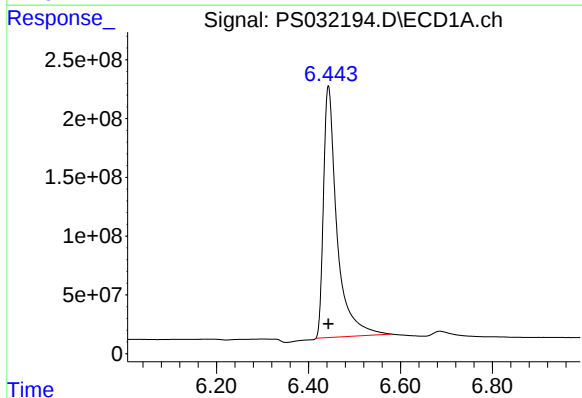
Reviewed By :Abdul Mirza 10/28/2025

Supervised By :mohammad ahmed 10/29/2025



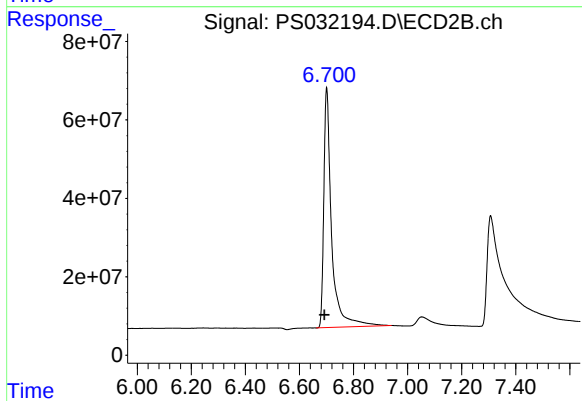
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: 0.007 min
Response: 2398363175
Conc: 652.09 ng/ml



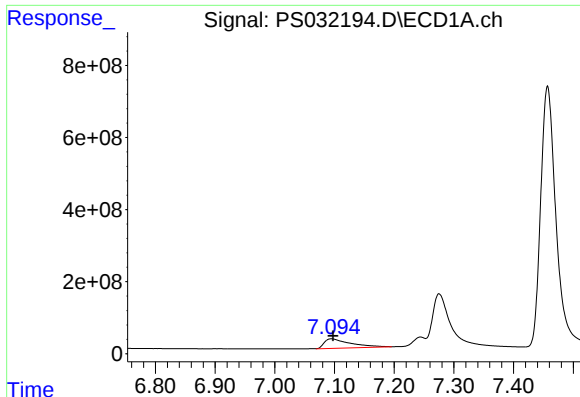
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 4368769679
Conc: 690.94 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.701 min
Delta R.T.: 0.009 min
Response: 1236323317
Conc: 656.93 ng/ml



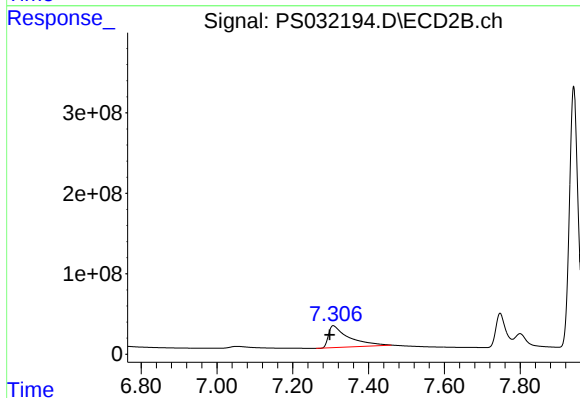
#3 4-Nitrophenol

R.T.: 7.094 min
Delta R.T.: -0.003 min
Response: 805774572
Conc: 742.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

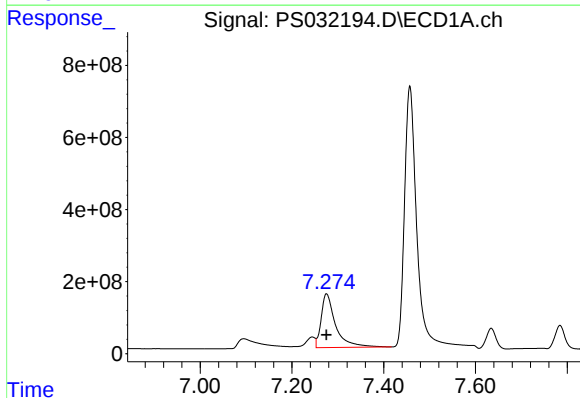
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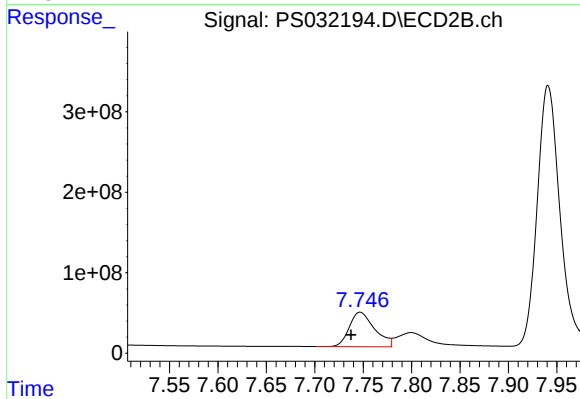
#3 4-Nitrophenol

R.T.: 7.307 min
Delta R.T.: 0.010 min
Response: 1012237345
Conc: 638.10 ng/ml



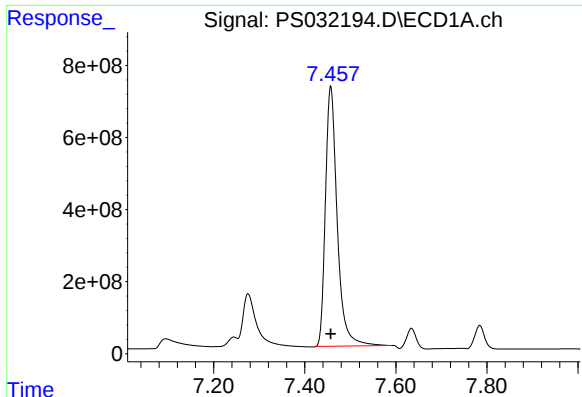
#4 2,4-DCAA

R.T.: 7.275 min
Delta R.T.: 0.000 min
Response: 3273108692
Conc: 757.02 ng/ml



#4 2,4-DCAA

R.T.: 7.747 min
Delta R.T.: 0.009 min
Response: 779977652
Conc: 713.26 ng/ml



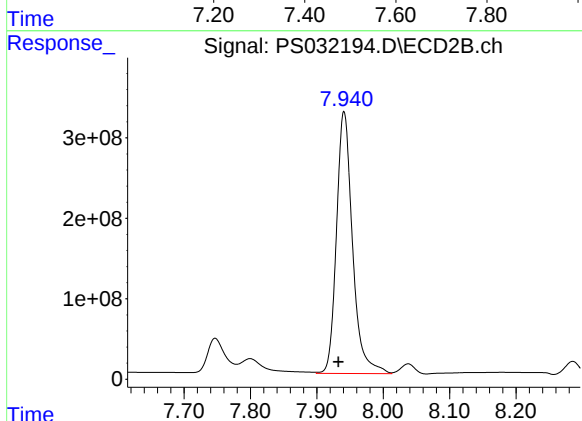
#5 DICAMBA

R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 12964033099
Conc: 701.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

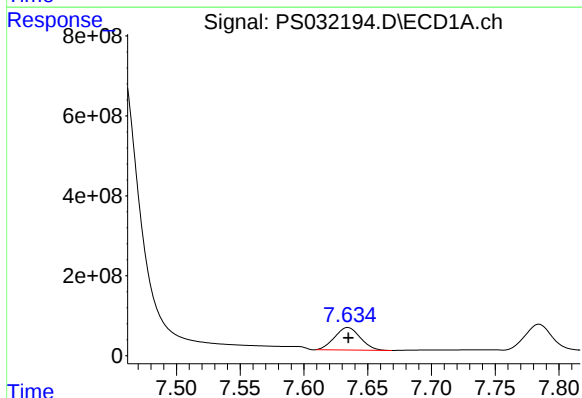
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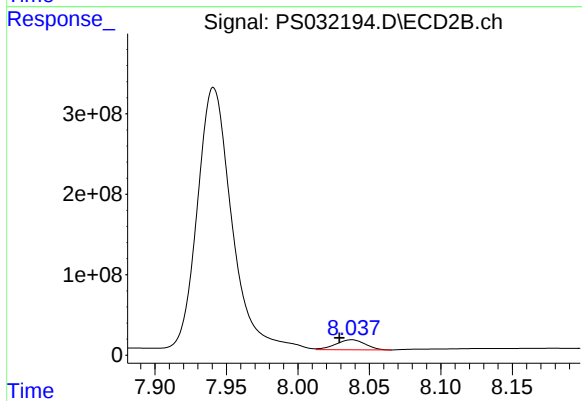
#5 DICAMBA

R.T.: 7.941 min
Delta R.T.: 0.009 min
Response: 5477684006
Conc: 670.79 ng/ml



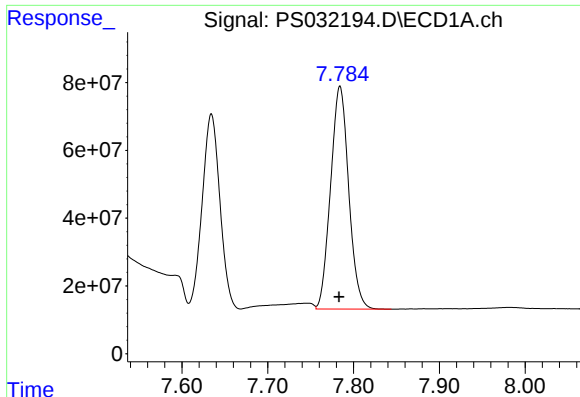
#6 MCPP

R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 787789095
Conc: 73.17 ug/ml



#6 MCPP

R.T.: 8.038 min
Delta R.T.: 0.009 min
Response: 178799473
Conc: 69.91 ug/ml



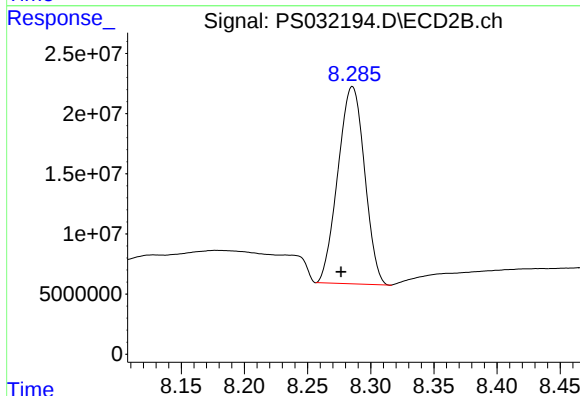
#7 MCPA

R.T.: 7.784 min
Delta R.T.: 0.000 min
Response: 966379453
Conc: 74.22 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

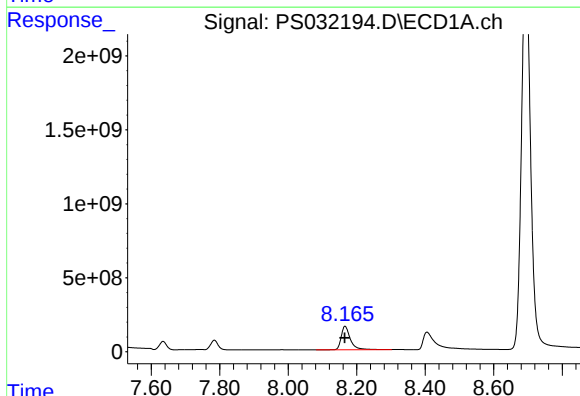
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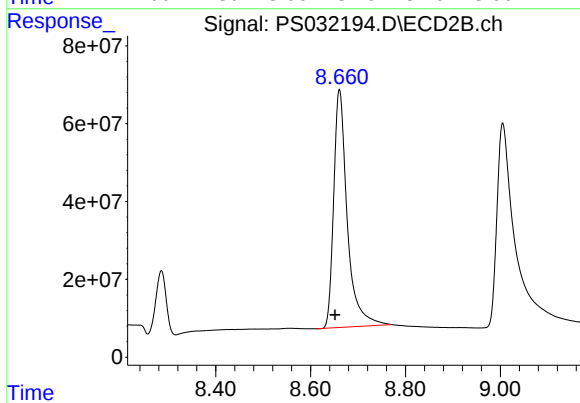
#7 MCPA

R.T.: 8.285 min
Delta R.T.: 0.009 min
Response: 240719482
Conc: 68.74 ug/ml



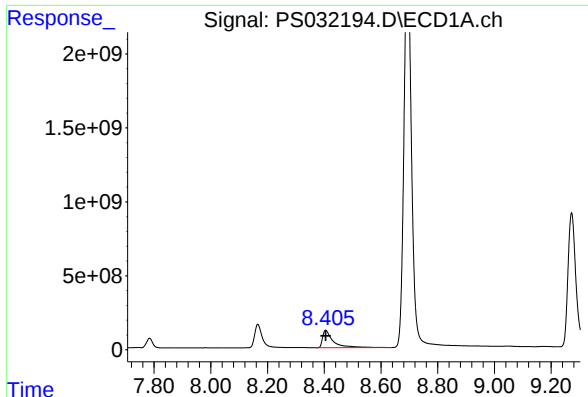
#8 DICHLORPROP

R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 2977116104
Conc: 684.43 ng/ml



#8 DICHLORPROP

R.T.: 8.661 min
Delta R.T.: 0.009 min
Response: 1211863559
Conc: 659.55 ng/ml



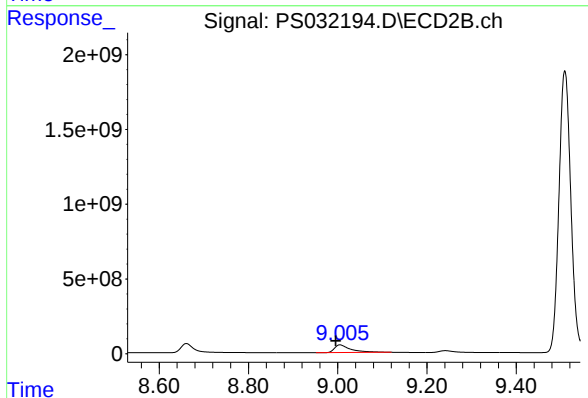
#9 2,4-D

R.T.: 8.405 min
Delta R.T.: 0.000 min
Response: 3045653636
Conc: 735.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

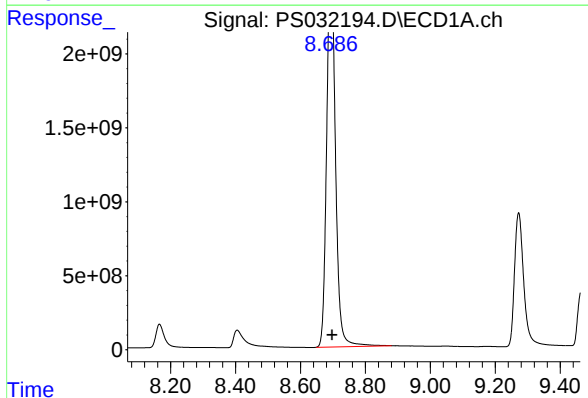
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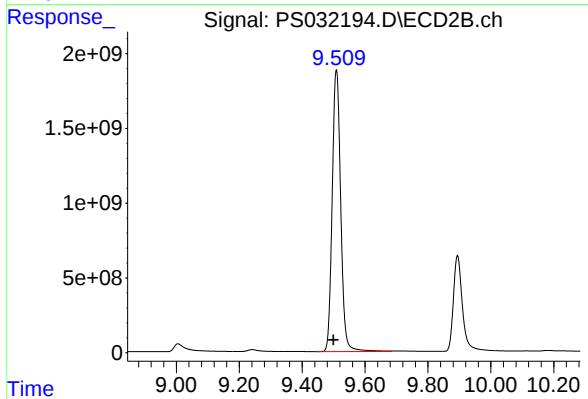
#9 2,4-D

R.T.: 9.005 min
Delta R.T.: 0.010 min
Response: 1299523875
Conc: 673.09 ng/ml



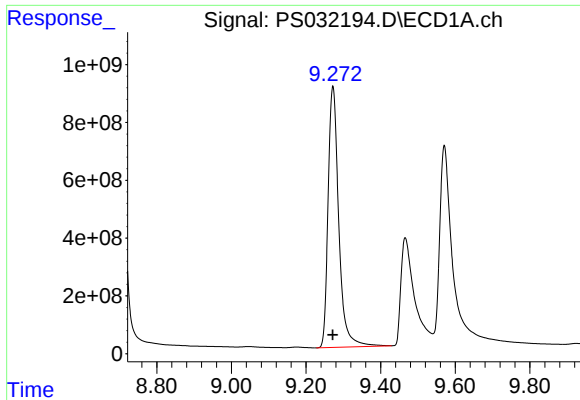
#10 Pentachlorophenol

R.T.: 8.697 min
Delta R.T.: 0.000 min
Response: 45786139374
Conc: 742.04 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: 0.010 min
Response: 35452192866
Conc: 730.00 ng/ml



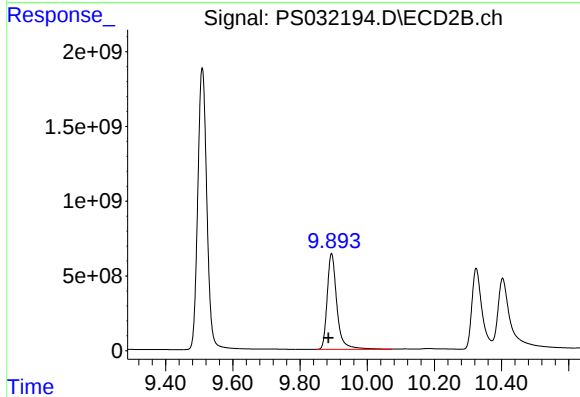
#11 2,4,5-TP (SILVEX)

R.T.: 9.272 min
Delta R.T.: 0.000 min
Response: 17915616916
Conc: 725.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

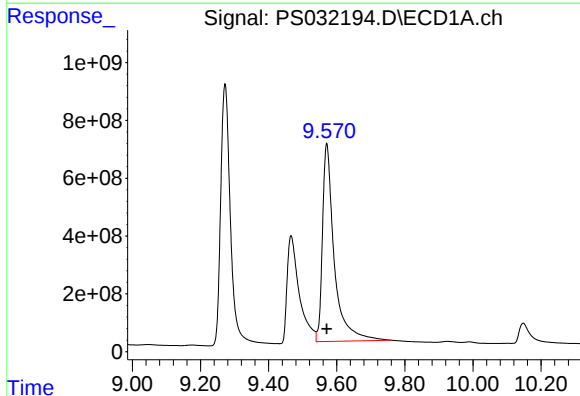
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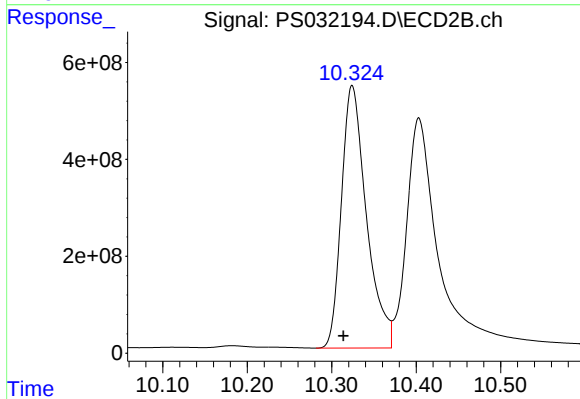
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: 0.010 min
Response: 12924207416
Conc: 683.76 ng/ml



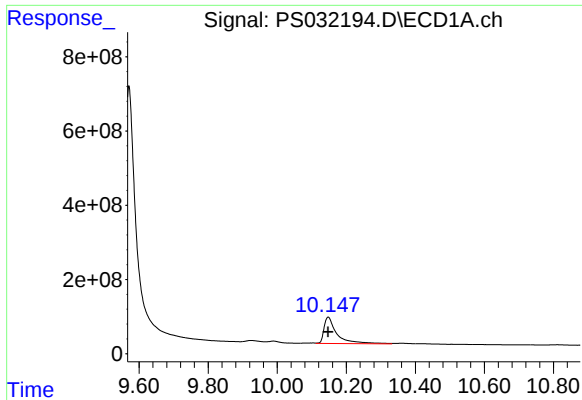
#12 2,4,5-T

R.T.: 9.571 min
Delta R.T.: 0.000 min
Response: 16472730287
Conc: 790.80 ng/ml



#12 2,4,5-T

R.T.: 10.324 min
Delta R.T.: 0.010 min
Response: 11159553320
Conc: 691.99 ng/ml



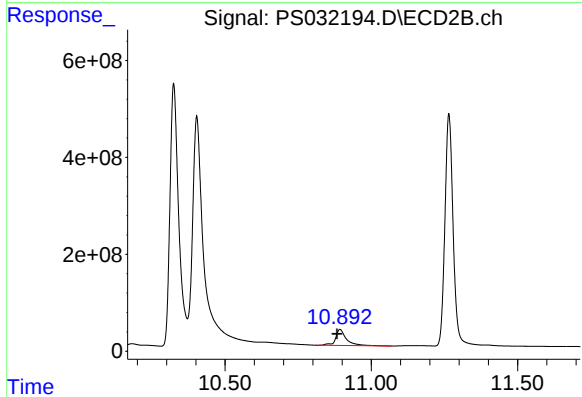
#13 2,4-DB

R.T.: 10.148 min
Delta R.T.: 0.000 min
Response: 1847264962
Conc: 802.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

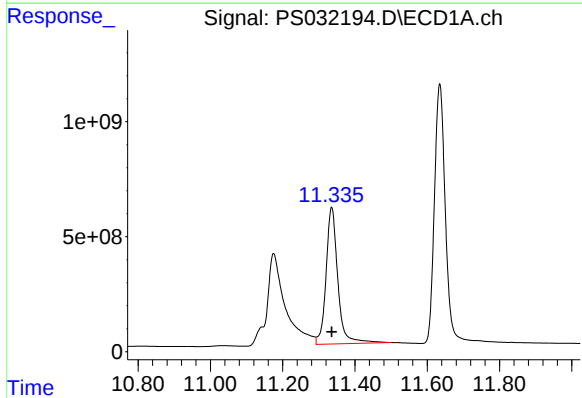
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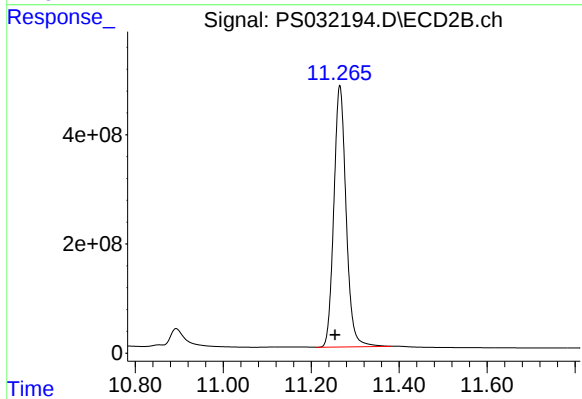
#13 2,4-DB

R.T.: 10.893 min
Delta R.T.: 0.010 min
Response: 850412446
Conc: 616.33 ng/ml



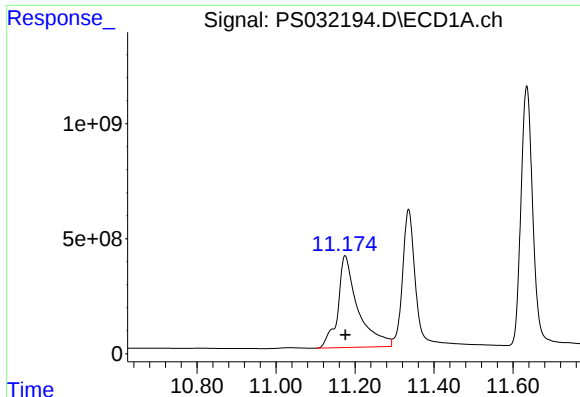
#14 DINOSEB

R.T.: 11.335 min
Delta R.T.: 0.000 min
Response: 13433053807
Conc: 699.64 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.011 min
Response: 9268871148
Conc: 672.13 ng/ml



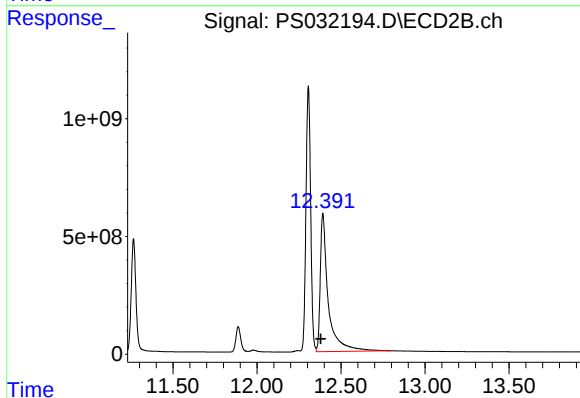
#15 Picloram

R.T.: 11.175 min
Delta R.T.: 0.000 min
Response: 14170541154
Conc: 752.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

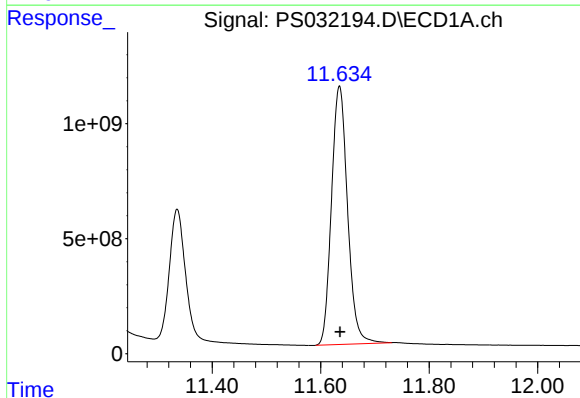
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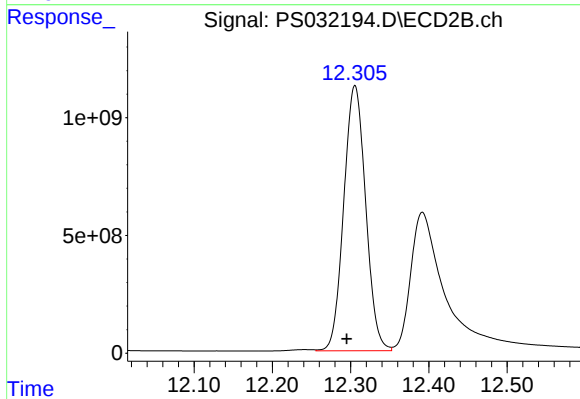
#15 Picloram

R.T.: 12.392 min
Delta R.T.: 0.013 min
Response: 19402344870
Conc: 667.46 ng/ml



#16 DCPA

R.T.: 11.635 min
Delta R.T.: 0.000 min
Response: 23086402480
Conc: 720.54 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.010 min
Response: 21900859364
Conc: 703.31 ng/ml