

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080425\
 Data File : PS031358.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2025 18:11
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/05/2025
 Supervised By :mohammad ahmed 08/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 01:46:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 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	7.302	7.755	2123.7E6	536.6E6	728.929	642.536
Target Compounds							
1) T	Dalapon	2.681	2.700	2948.5E6	1437.3E6	611.153	585.170
2) T	3,5-DICHL...	6.467	6.704	2895.1E6	804.4E6	679.143m	622.464
3) T	4-Nitroph...	7.104	7.296	739.4E6	785.5E6	726.180	608.483
5) T	DICAMBA	7.488	7.954	8533.2E6	3300.3E6	660.433m	608.815m
6) T	MCPD	7.668	8.051	542.9E6	118.4E6	67.497m	69.237m
7) T	MCPA	7.818	8.300	654.1E6	173.4E6	66.905	66.860
8) T	DICHLORPROP	8.198	8.673	1983.6E6	779.3E6	652.503	599.418
9) T	2,4-D	8.431	9.012	1856.5E6	854.1E6	715.857	611.992
10) T	Pentachlo...	8.730	9.526	32467.8E6	21707.1E6	713.912m	648.042
11) T	2,4,5-TP ...	9.310	9.911	11752.7E6	7928.1E6	705.392	624.124
12) T	2,4,5-T	9.604	10.339	10025.8E6	7237.0E6	753.776	620.421
13) T	2,4-DB	10.181	10.907	1339.6E6	583.0E6	766.715	603.595
14) T	DINOSEB	11.385	11.287	7989.7E6	5659.3E6	696.962	605.921
15) T	Picloram	11.206	12.405	8184.0E6	10300.0E6	698.912m	602.520
16) T	DCPA	11.684	12.330	15189.0E6	12423.7E6	732.488m	666.085m

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

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Acq On : 04 Aug 2025 18:11
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

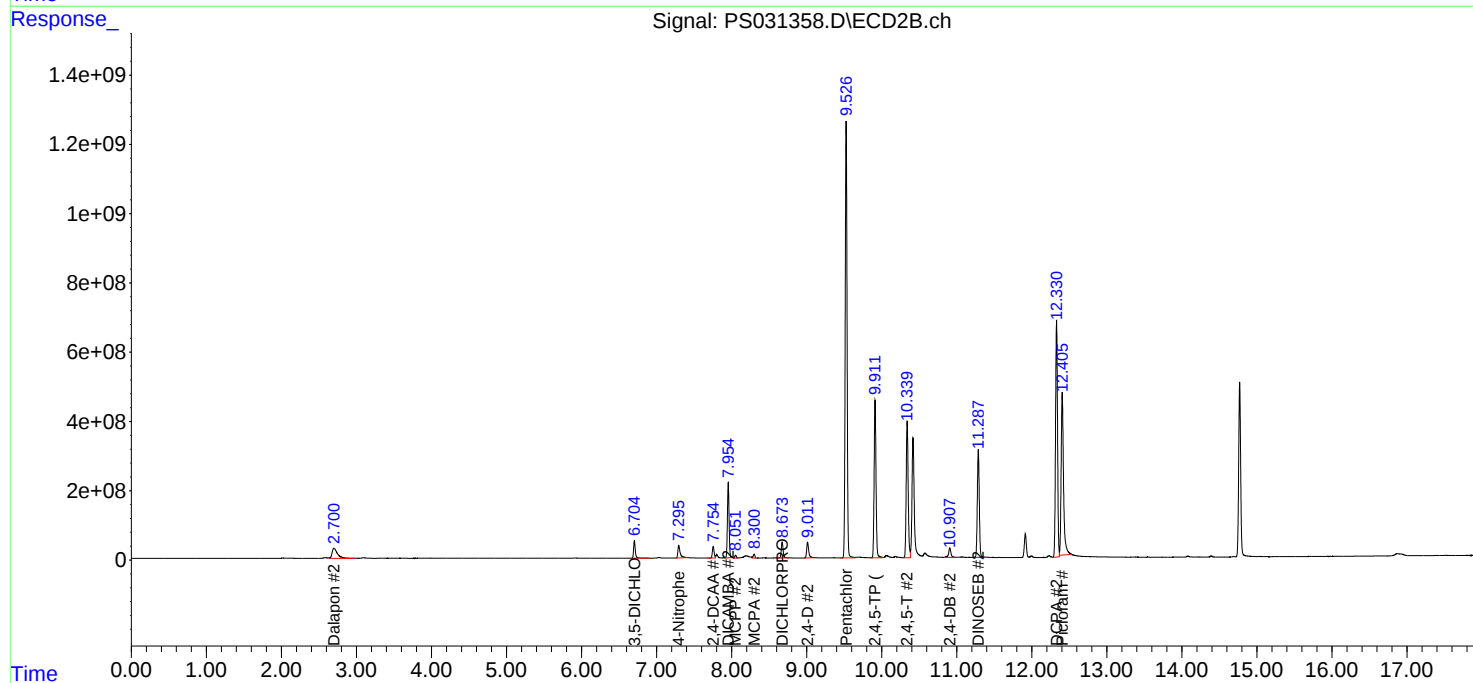
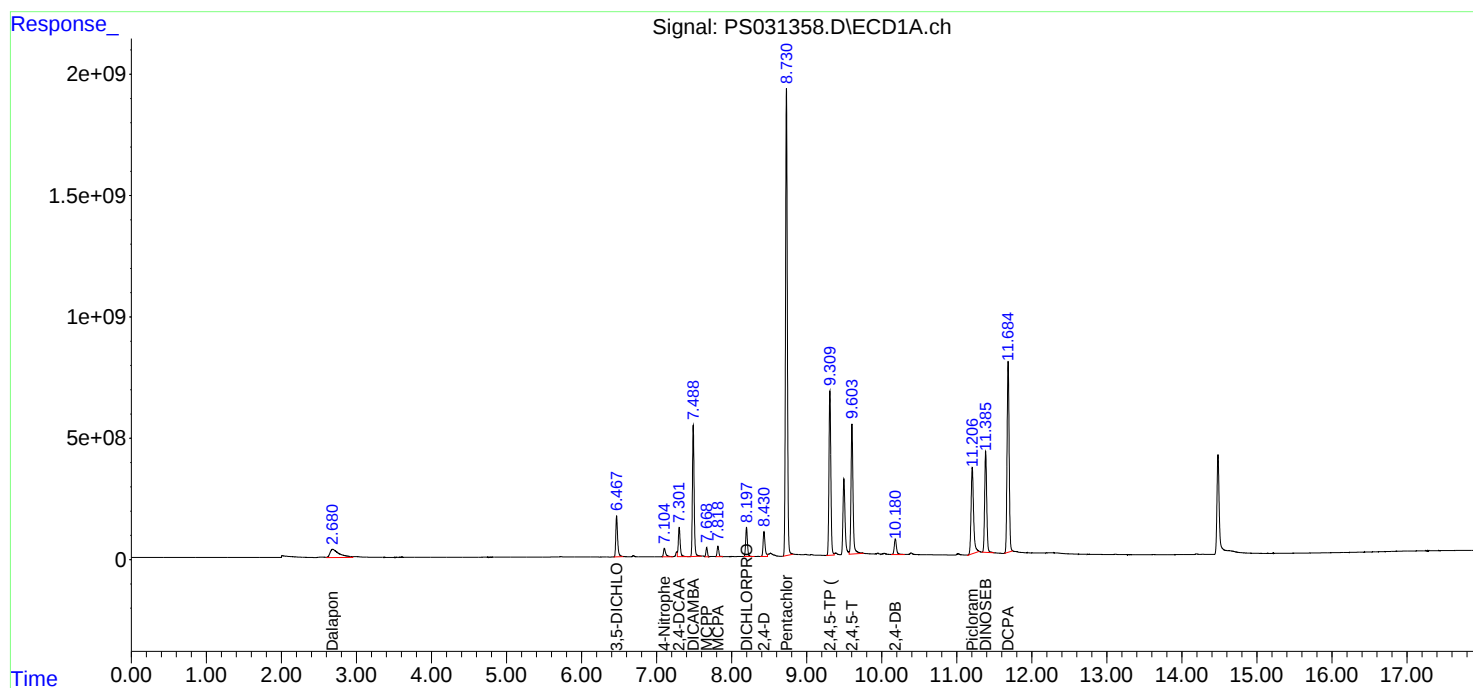
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

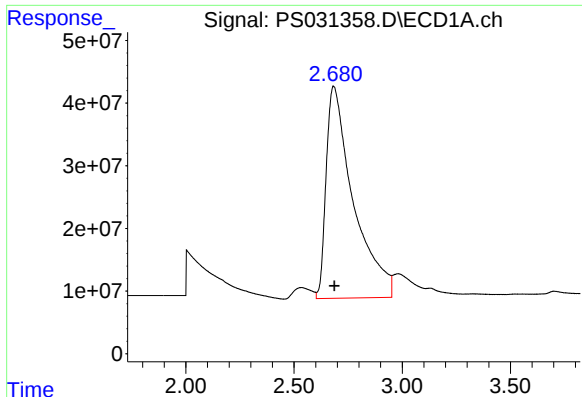
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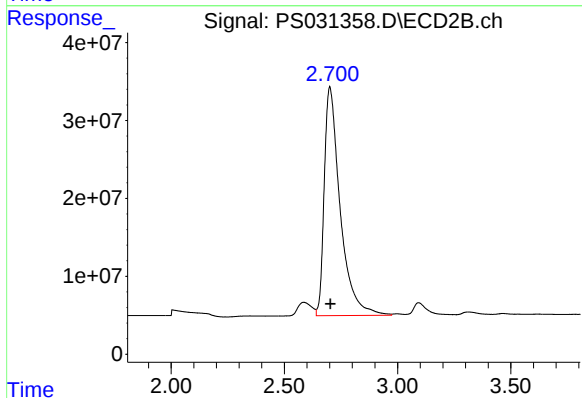
#1 Dalapon

R.T.: 2.681 min
Delta R.T.: -0.006 min
Response: 2948547071
Conc: 611.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

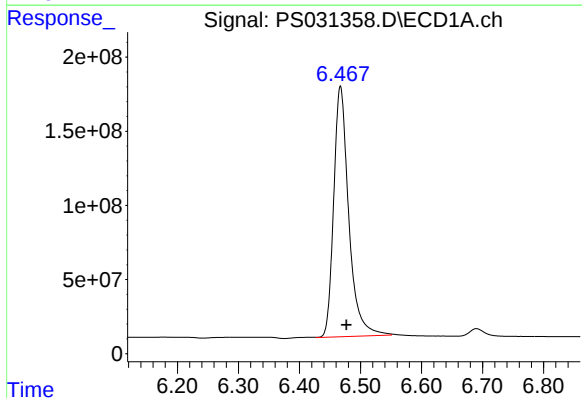
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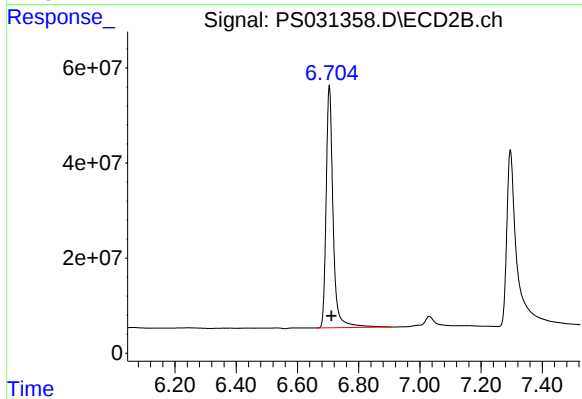
#1 Dalapon

R.T.: 2.700 min
Delta R.T.: -0.003 min
Response: 1437285055
Conc: 585.17 ng/ml



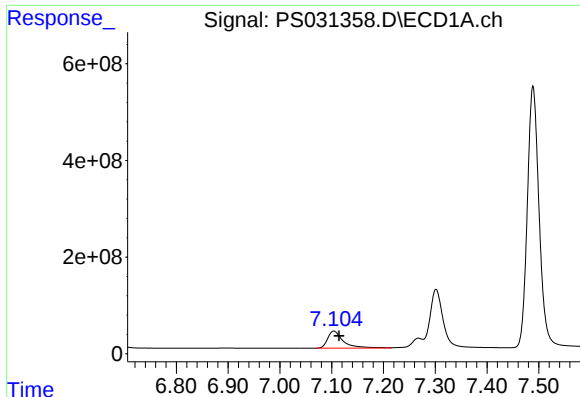
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.467 min
Delta R.T.: -0.010 min
Response: 2895139473
Conc: 679.14 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.704 min
Delta R.T.: -0.006 min
Response: 804391584
Conc: 622.46 ng/ml



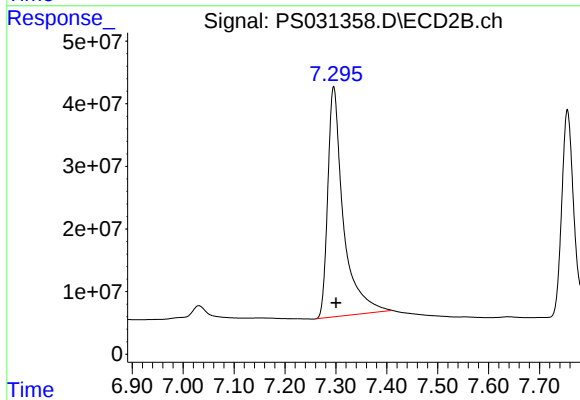
#3 4-Nitrophenol

R.T.: 7.104 min
Delta R.T.: -0.010 min
Response: 739397351
Conc: 726.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

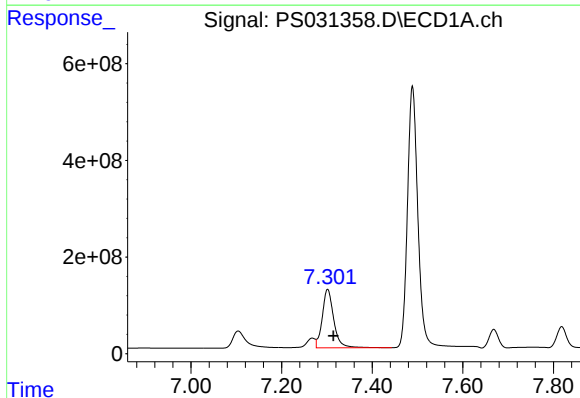
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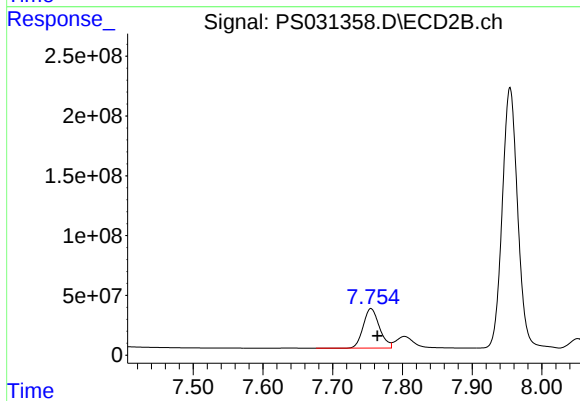
#3 4-Nitrophenol

R.T.: 7.296 min
Delta R.T.: -0.004 min
Response: 785498001
Conc: 608.48 ng/ml



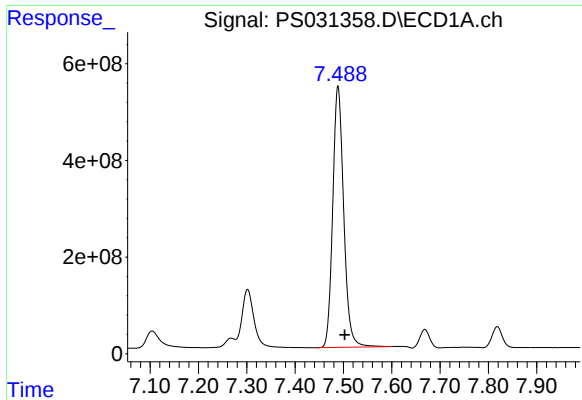
#4 2,4-DCAA

R.T.: 7.302 min
Delta R.T.: -0.013 min
Response: 2123663694
Conc: 728.93 ng/ml



#4 2,4-DCAA

R.T.: 7.755 min
Delta R.T.: -0.009 min
Response: 536569591
Conc: 642.54 ng/ml



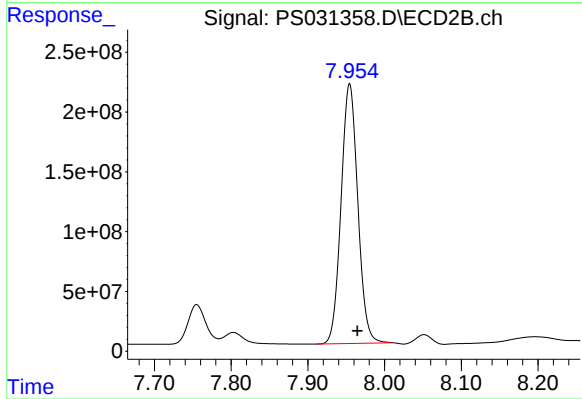
#5 DICAMBA

R.T.: 7.488 min
Delta R.T.: -0.015 min
Response: 8533189190
Conc: 660.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

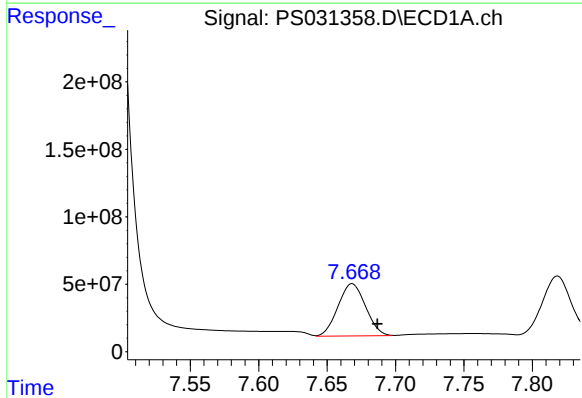
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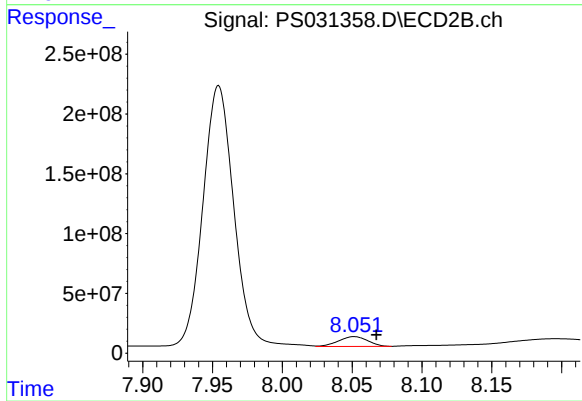
#5 DICAMBA

R.T.: 7.954 min
Delta R.T.: -0.011 min
Response: 3300293806
Conc: 608.82 ng/ml m



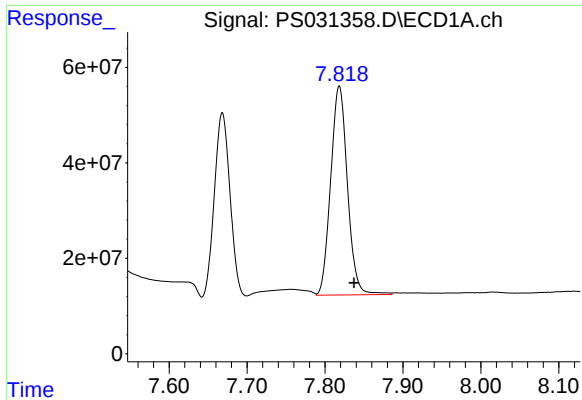
#6 MCP

R.T.: 7.668 min
Delta R.T.: -0.019 min
Response: 542855985
Conc: 67.50 ug/ml m



#6 MCP

R.T.: 8.051 min
Delta R.T.: -0.016 min
Response: 118352744
Conc: 69.24 ug/ml m



#7 MCPA

R.T.: 7.818 min
Delta R.T.: -0.019 min
Response: 654062474
Conc: 66.91 ug/ml

Instrument :

ECD_S

ClientSampleId :

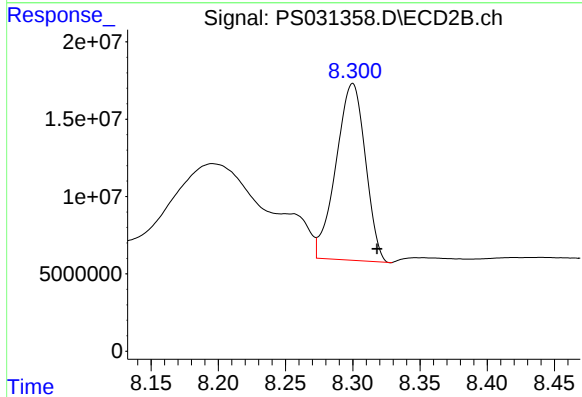
HSTDCCC750

Manual Integrations

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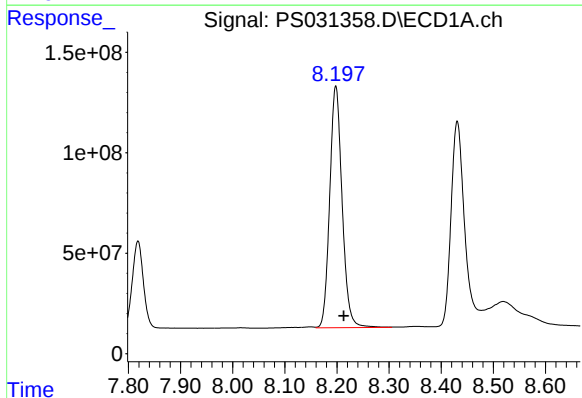
Reviewed By :Abdul Mirza 08/05/2025

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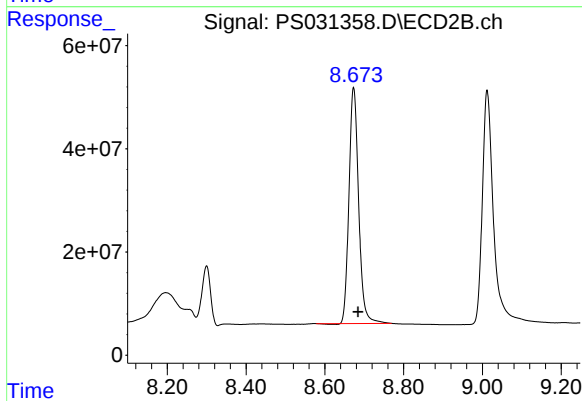
#7 MCPA

R.T.: 8.300 min
Delta R.T.: -0.018 min
Response: 173431328
Conc: 66.86 ug/ml



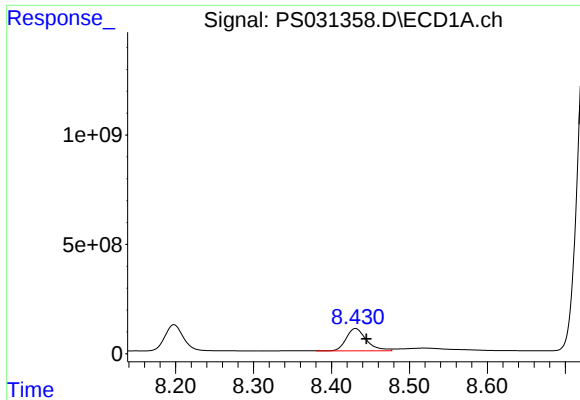
#8 DICHLORPROP

R.T.: 8.198 min
Delta R.T.: -0.015 min
Response: 1983616334
Conc: 652.50 ng/ml



#8 DICHLORPROP

R.T.: 8.673 min
Delta R.T.: -0.012 min
Response: 779278304
Conc: 599.42 ng/ml



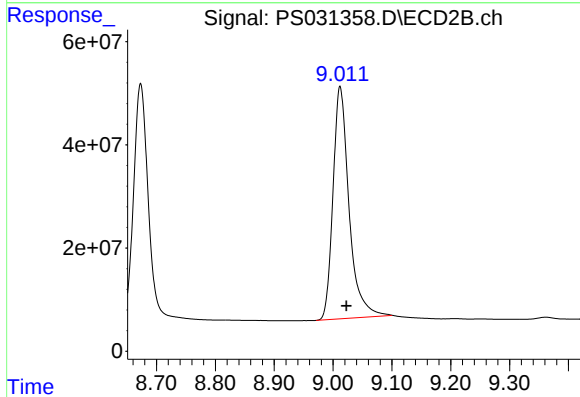
#9 2,4-D

R.T.: 8.431 min
Delta R.T.: -0.014 min
Response: 1856459591
Conc: 715.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

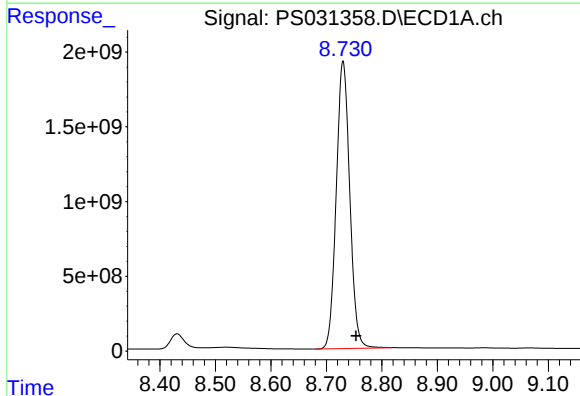
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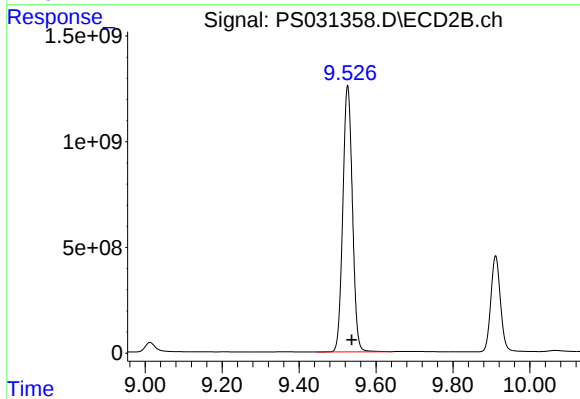
#9 2,4-D

R.T.: 9.012 min
Delta R.T.: -0.011 min
Response: 854054062
Conc: 611.99 ng/ml



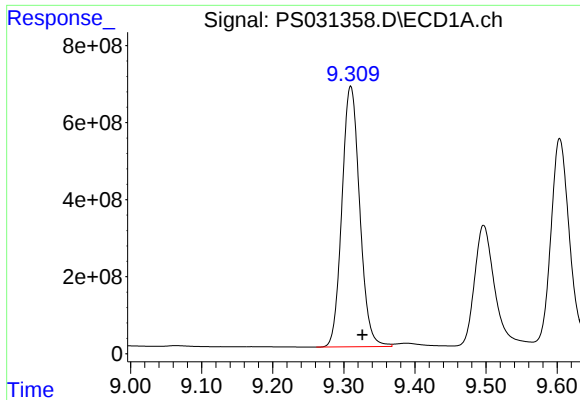
#10 Pentachlorophenol

R.T.: 8.730 min
Delta R.T.: -0.024 min
Response: 32467843770
Conc: 713.91 ng/ml m



#10 Pentachlorophenol

R.T.: 9.526 min
Delta R.T.: -0.011 min
Response: 21707068001
Conc: 648.04 ng/ml



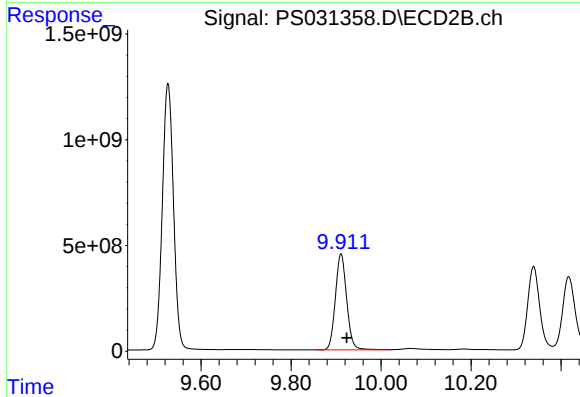
#11 2,4,5-TP (SILVEX)

R.T.: 9.310 min
Delta R.T.: -0.017 min
Response: 11752719725
Conc: 705.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

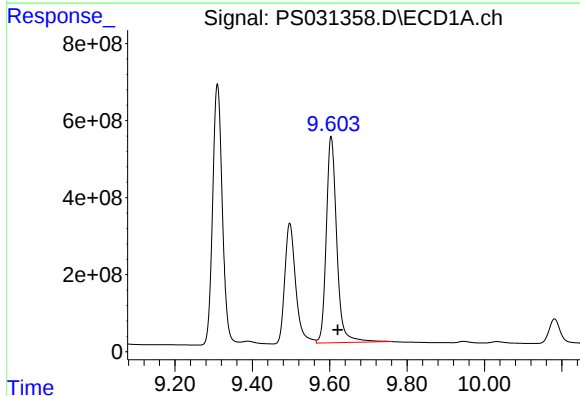
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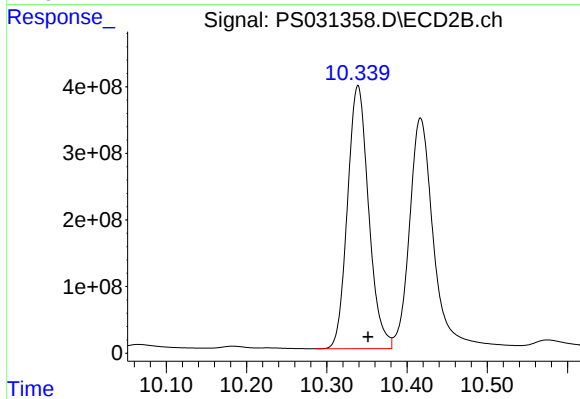
#11 2,4,5-TP (SILVEX)

R.T.: 9.911 min
Delta R.T.: -0.013 min
Response: 7928120811
Conc: 624.12 ng/ml



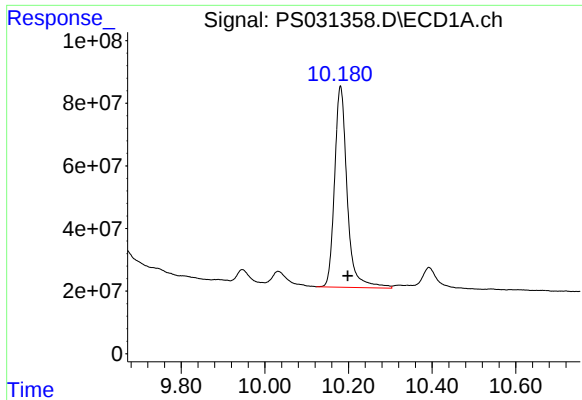
#12 2,4,5-T

R.T.: 9.604 min
Delta R.T.: -0.017 min
Response: 10025771411
Conc: 753.78 ng/ml



#12 2,4,5-T

R.T.: 10.339 min
Delta R.T.: -0.013 min
Response: 7237008393
Conc: 620.42 ng/ml



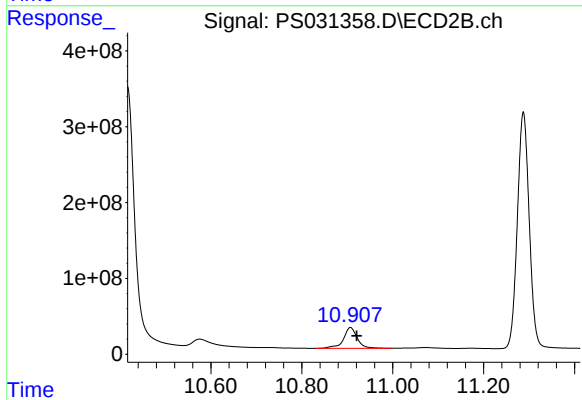
#13 2,4-DB

R.T.: 10.181 min
Delta R.T.: -0.017 min
Response: 1339645650
Conc: 766.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

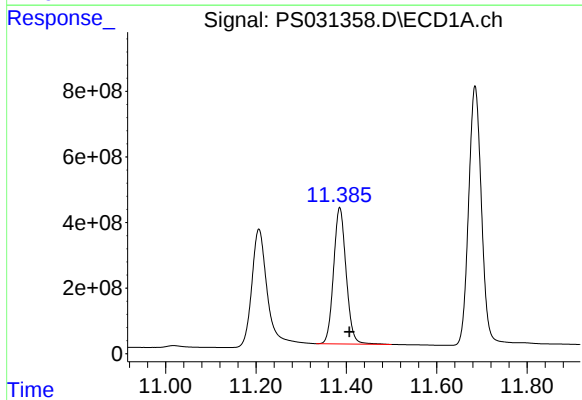
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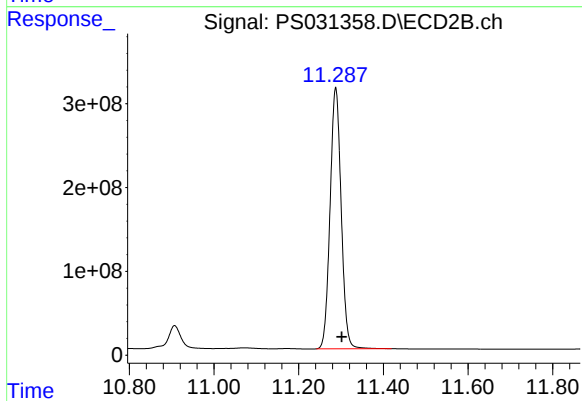
#13 2,4-DB

R.T.: 10.907 min
Delta R.T.: -0.014 min
Response: 582985319
Conc: 603.59 ng/ml



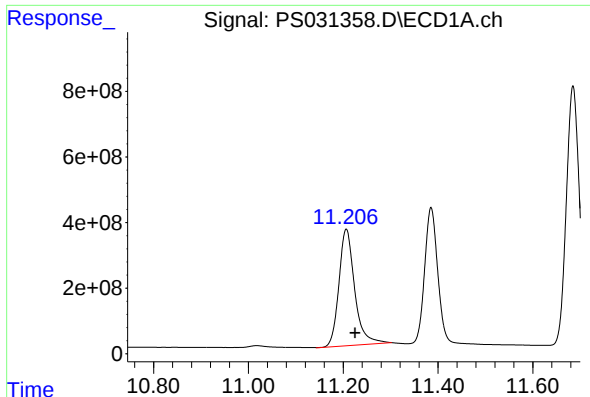
#14 DINOSEB

R.T.: 11.385 min
Delta R.T.: -0.021 min
Response: 7989654289
Conc: 696.96 ng/ml



#14 DINOSEB

R.T.: 11.287 min
Delta R.T.: -0.015 min
Response: 5659259058
Conc: 605.92 ng/ml



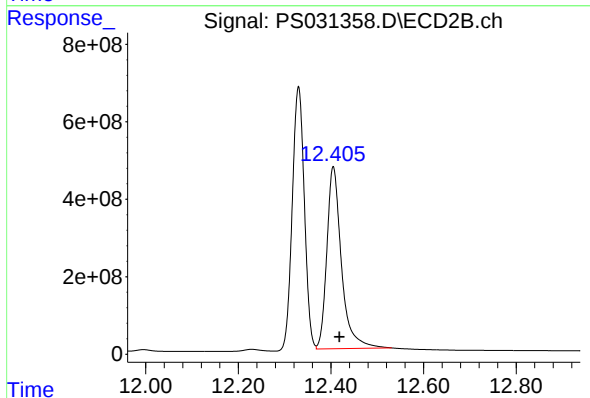
#15 Picloram

R.T.: 11.206 min
Delta R.T.: -0.019 min
Response: 8184005272
Conc: 698.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
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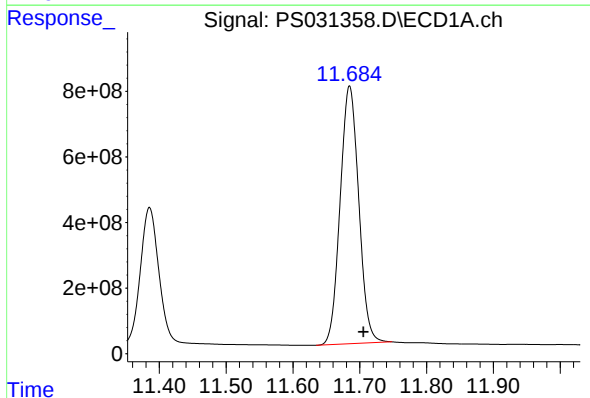
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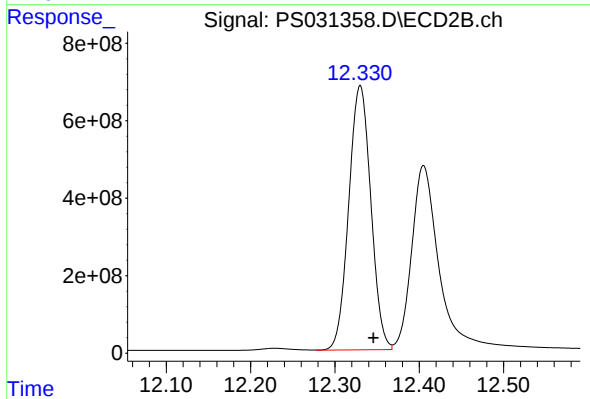
#15 Picloram

R.T.: 12.405 min
Delta R.T.: -0.013 min
Response: 10300029634
Conc: 602.52 ng/ml



#16 DCPA

R.T.: 11.684 min
Delta R.T.: -0.021 min
Response: 15188959176
Conc: 732.49 ng/ml m



#16 DCPA

R.T.: 12.330 min
Delta R.T.: -0.016 min
Response: 12423666682
Conc: 666.09 ng/ml m