

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS082925\
 Data File : PS031559.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2025 11:34
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/02/2025
 Supervised By :mohammad ahmed 09/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 06:12:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.287	7.737	2364.6E6	613.0E6	745.005	725.140
Target Compounds							
1) T	Dalapon	2.667	2.687	3306.0E6	1585.2E6	629.849	595.704
2) T	3,5-DICHL...	6.454	6.687	3381.6E6	881.7E6	716.706	652.151m
3) T	4-Nitroph...	7.093	7.281	783.1E6	803.7E6	759.037m	639.435m
5) T	DICAMBA	7.472	7.934	9630.1E6	3836.1E6	689.516	675.049
6) T	MCPD	7.650	8.030	531.4E6	121.1E6	66.049	68.493m
7) T	MCPA	7.800	8.279	720.8E6	169.9E6	72.363	60.552m
8) T	DICHLORPROP	8.181	8.653	2325.2E6	841.2E6	732.945	630.100
9) T	2,4-D	8.416	8.993	2140.4E6	944.7E6	744.001	661.891m
10) T	Pentachlo...	8.712	9.504	37864.0E6	25373.5E6	788.630	728.528
11) T	2,4,5-TP ...	9.290	9.889	13580.7E6	9090.3E6	757.696	693.064
12) T	2,4,5-T	9.586	10.317	11929.0E6	8157.8E6	814.197	689.017
13) T	2,4-DB	10.162	10.886	1485.0E6	567.0E6	772.770	587.652
14) T	DINOSEB	11.362	11.263	9927.3E6	6661.6E6	783.004	704.416
15) T	Picloram	11.189	12.383	9718.6E6	11133.0E6	744.480m	635.095
16) T	DCPA	11.661	12.305	18155.9E6	15102.0E6	797.034	766.582m

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

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Acq On : 29 Aug 2025 11:34
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

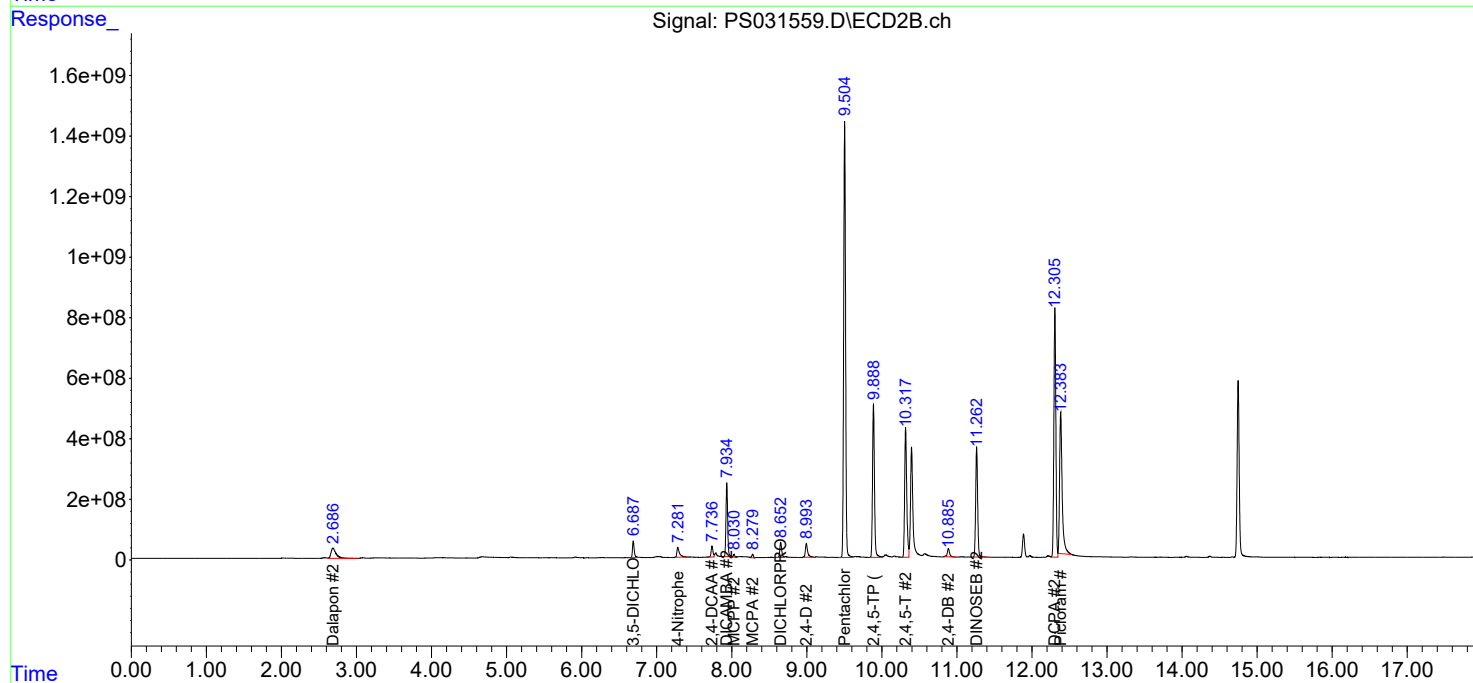
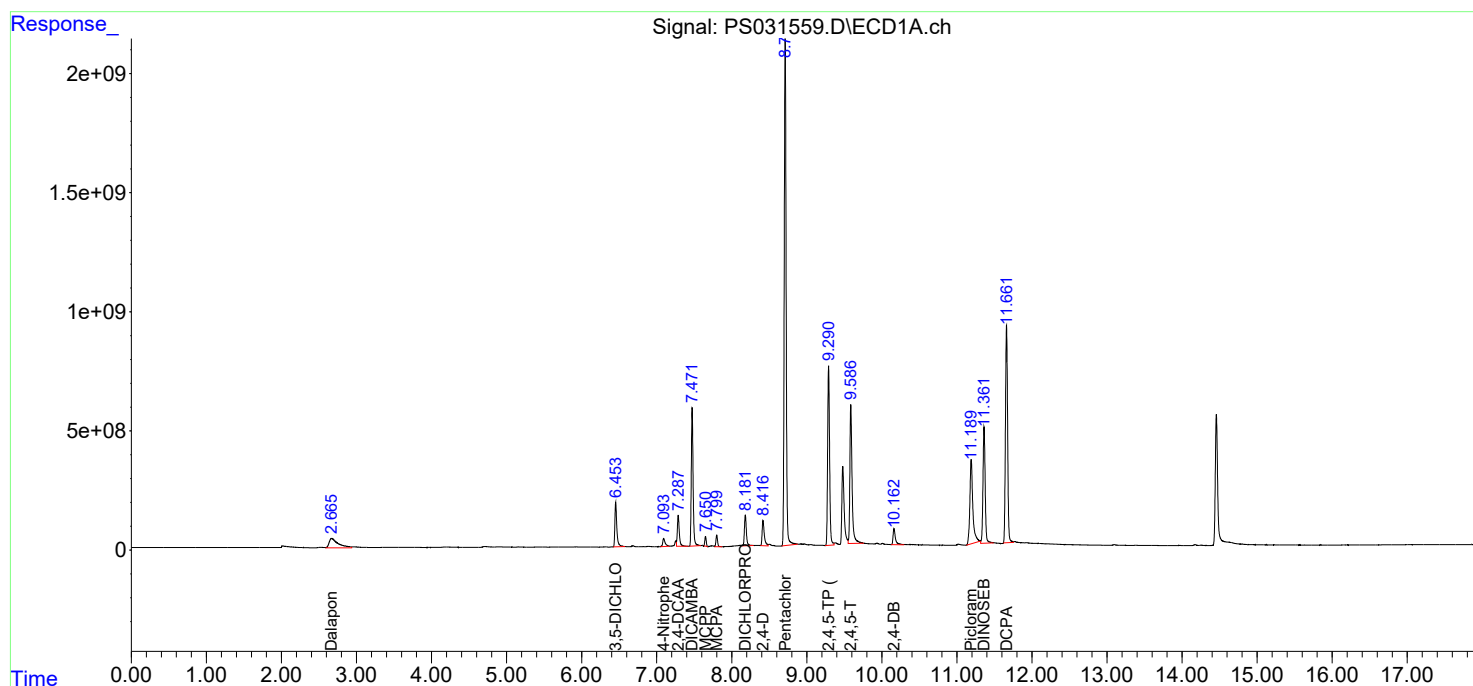
Instrument :
ECD_S
ClientSampleId :
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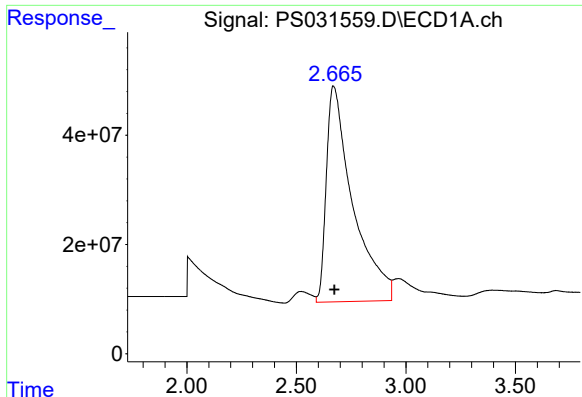
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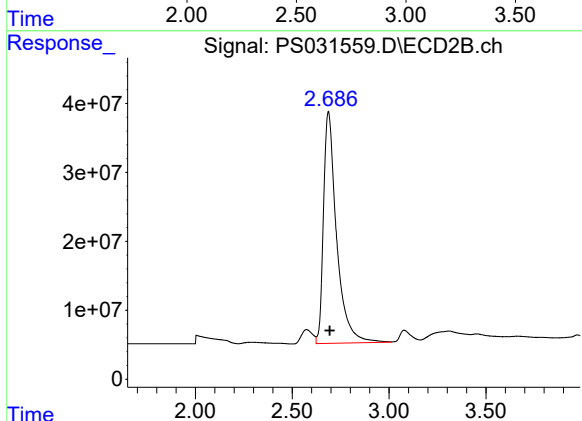
#1 Dalapon

R.T.: 2.667 min
Delta R.T.: -0.007 min
Response: 3306035948
Conc: 629.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

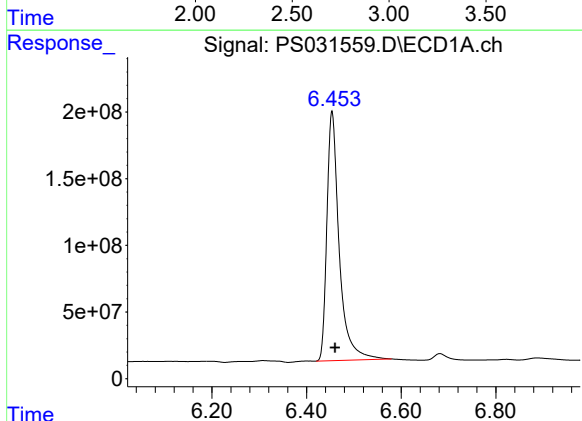
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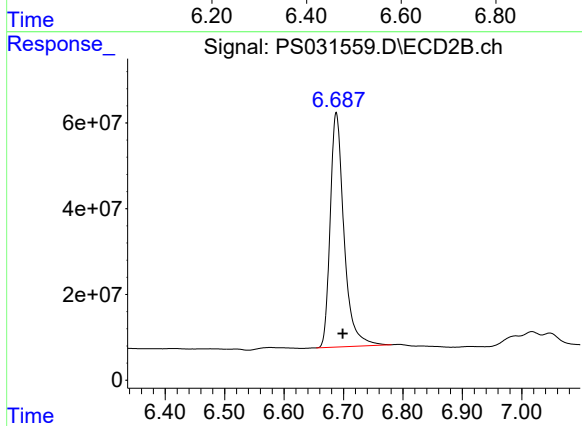
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: -0.008 min
Response: 1585174083
Conc: 595.70 ng/ml



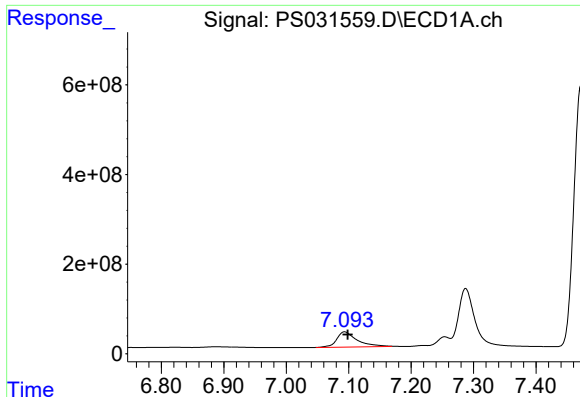
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: -0.007 min
Response: 3381643793
Conc: 716.71 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.687 min
Delta R.T.: -0.011 min
Response: 881661603
Conc: 652.15 ng/ml m



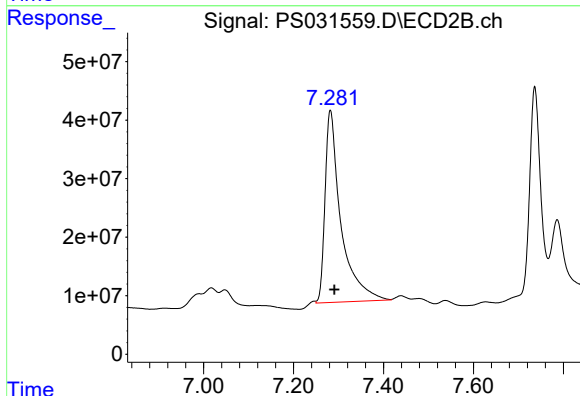
#3 4-Nitrophenol

R.T.: 7.093 min
Delta R.T.: -0.005 min
Response: 783082814
Conc: 759.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

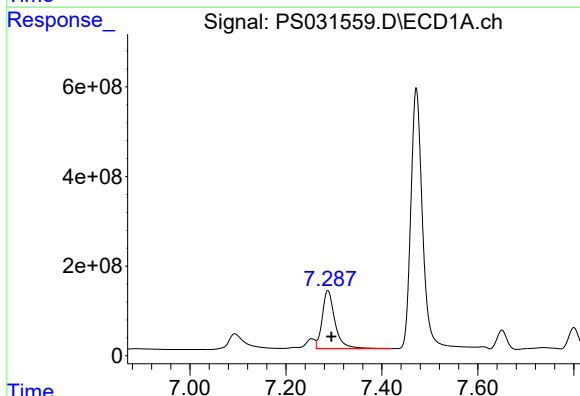
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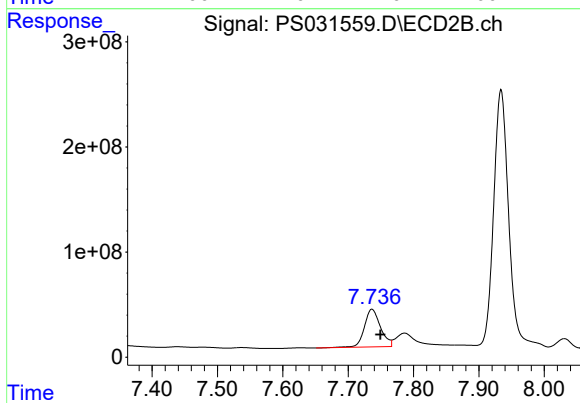
#3 4-Nitrophenol

R.T.: 7.281 min
Delta R.T.: -0.009 min
Response: 803700083
Conc: 639.44 ng/ml m



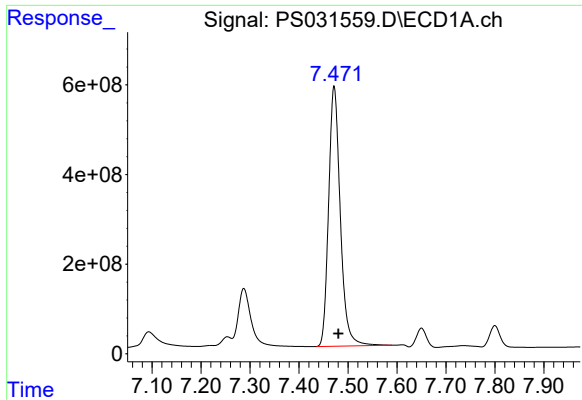
#4 2,4-DCAA

R.T.: 7.287 min
Delta R.T.: -0.008 min
Response: 2364638141
Conc: 745.01 ng/ml



#4 2,4-DCAA

R.T.: 7.737 min
Delta R.T.: -0.013 min
Response: 612989639
Conc: 725.14 ng/ml



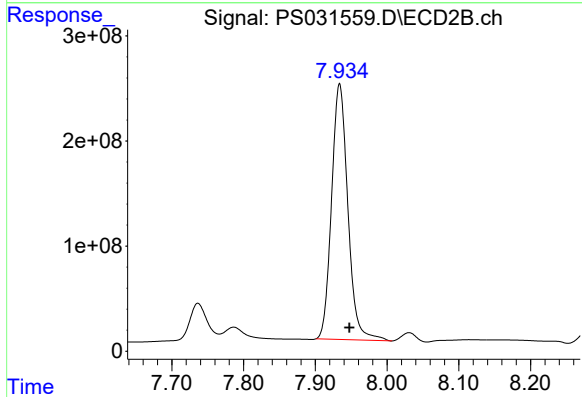
#5 DICAMBA

R.T.: 7.472 min
Delta R.T.: -0.009 min
Response: 9630102203
Conc: 689.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

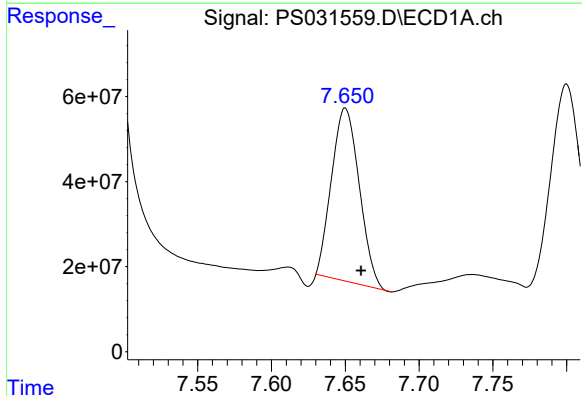
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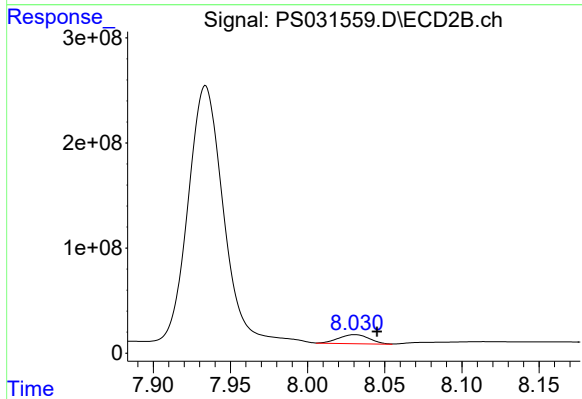
#5 DICAMBA

R.T.: 7.934 min
Delta R.T.: -0.013 min
Response: 3836091766
Conc: 675.05 ng/ml



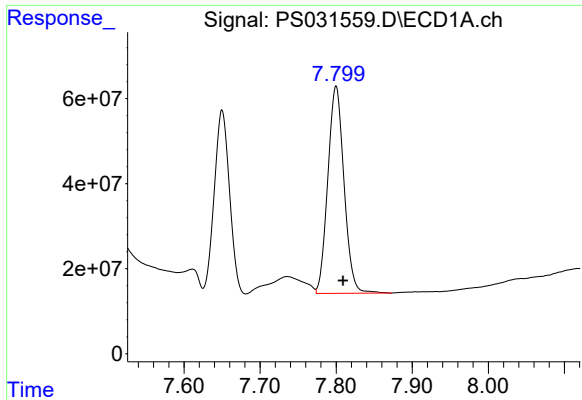
#6 MCPP

R.T.: 7.650 min
Delta R.T.: -0.011 min
Response: 531351444
Conc: 66.05 ug/ml



#6 MCPP

R.T.: 8.030 min
Delta R.T.: -0.015 min
Response: 121085100
Conc: 68.49 ug/ml m



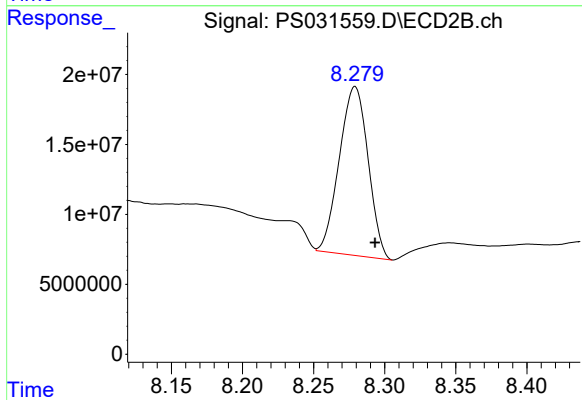
#7 MCPA

R.T.: 7.800 min
Delta R.T.: -0.009 min
Response: 720829793
Conc: 72.36 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

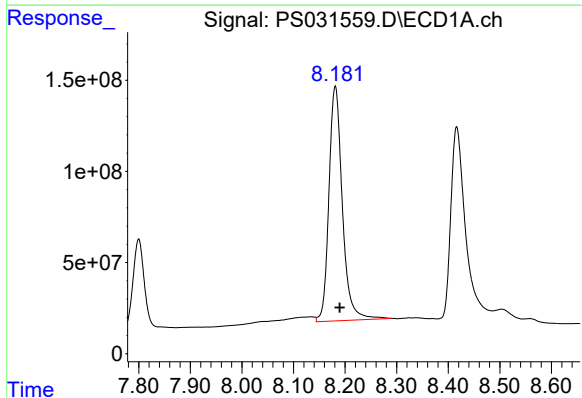
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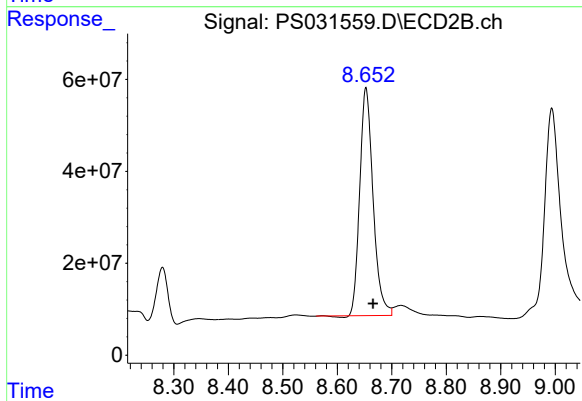
#7 MCPA

R.T.: 8.279 min
Delta R.T.: -0.014 min
Response: 169877631
Conc: 60.55 ug/ml m



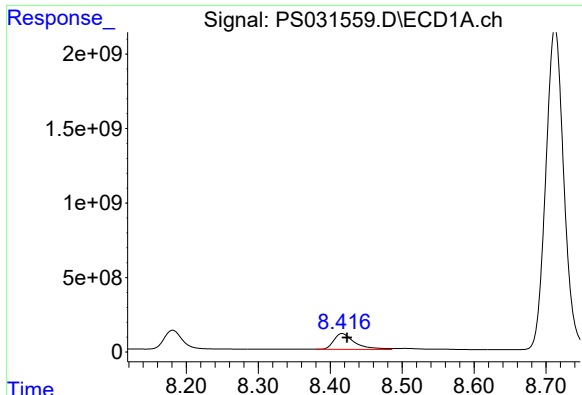
#8 DICHLORPROP

R.T.: 8.181 min
Delta R.T.: -0.008 min
Response: 2325217720
Conc: 732.95 ng/ml



#8 DICHLORPROP

R.T.: 8.653 min
Delta R.T.: -0.013 min
Response: 841204647
Conc: 630.10 ng/ml



#9 2,4-D

R.T.: 8.416 min
Delta R.T.: -0.007 min
Response: 2140352246
Conc: 744.00 ng/ml

Instrument :

ECD_S

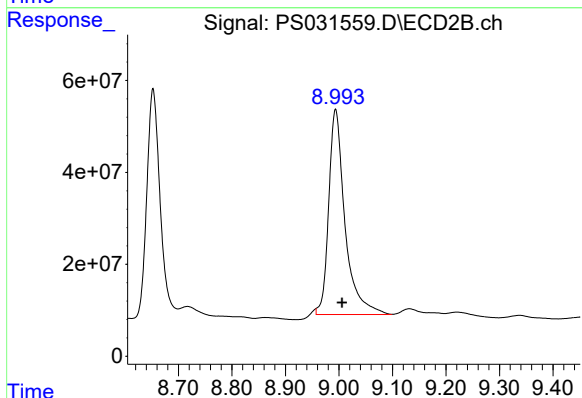
ClientSampleId :

HSTDCCC750

Manual Integrations

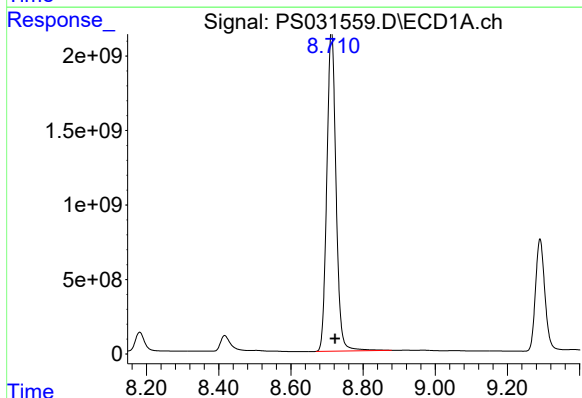
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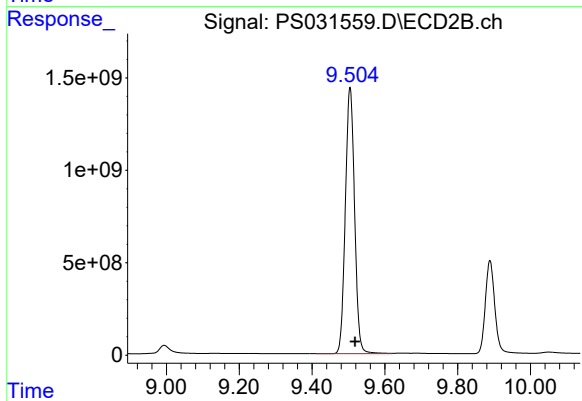
#9 2,4-D

R.T.: 8.993 min
Delta R.T.: -0.012 min
Response: 944707770
Conc: 661.89 ng/ml m



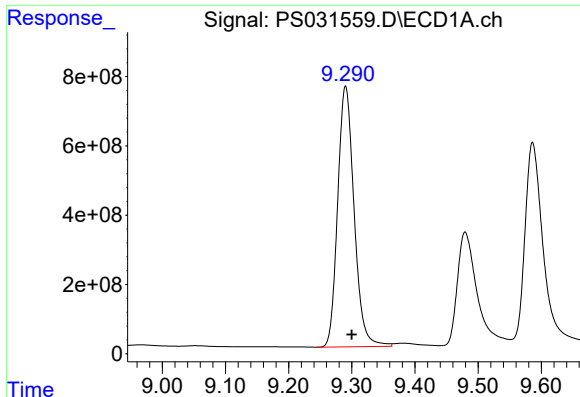
#10 Pentachlorophenol

R.T.: 8.712 min
Delta R.T.: -0.010 min
Response: 37864038265
Conc: 788.63 ng/ml



#10 Pentachlorophenol

R.T.: 9.504 min
Delta R.T.: -0.014 min
Response: 25373491480
Conc: 728.53 ng/ml



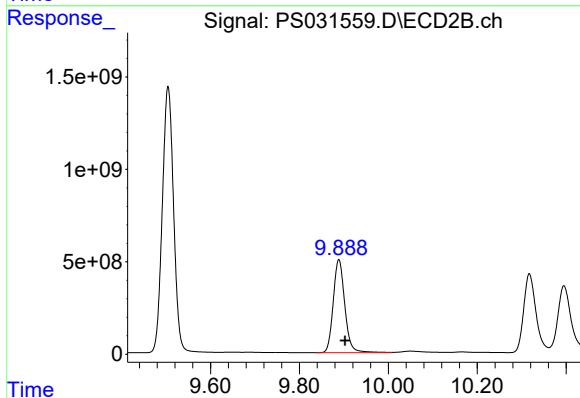
#11 2,4,5-TP (SILVEX)

R.T.: 9.290 min
Delta R.T.: -0.010 min
Response: 13580723848
Conc: 757.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

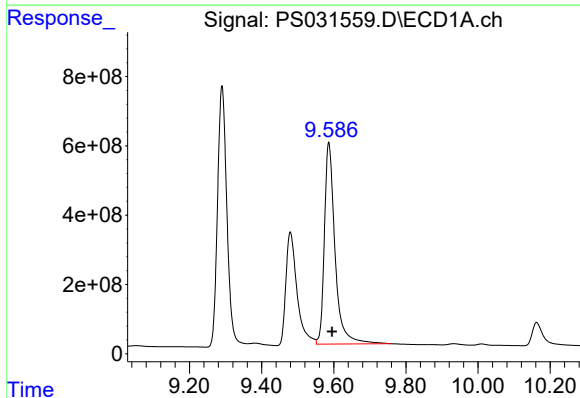
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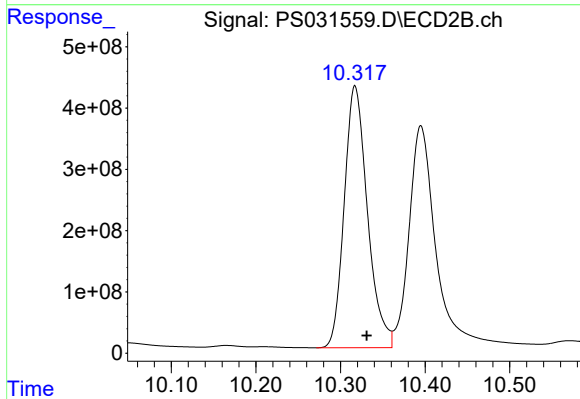
#11 2,4,5-TP (SILVEX)

R.T.: 9.889 min
Delta R.T.: -0.014 min
Response: 9090250585
Conc: 693.06 ng/ml



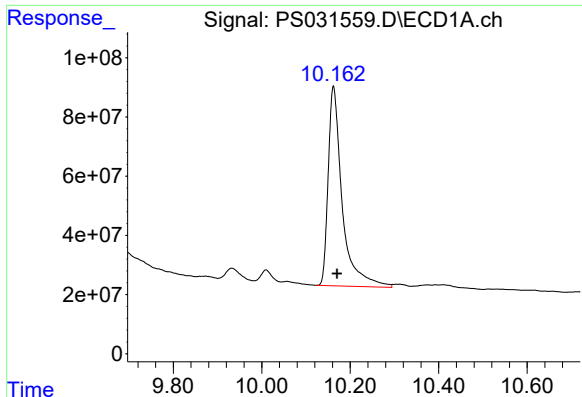
#12 2,4,5-T

R.T.: 9.586 min
Delta R.T.: -0.009 min
Response: 11928980113
Conc: 814.20 ng/ml



#12 2,4,5-T

R.T.: 10.317 min
Delta R.T.: -0.014 min
Response: 8157801909
Conc: 689.02 ng/ml



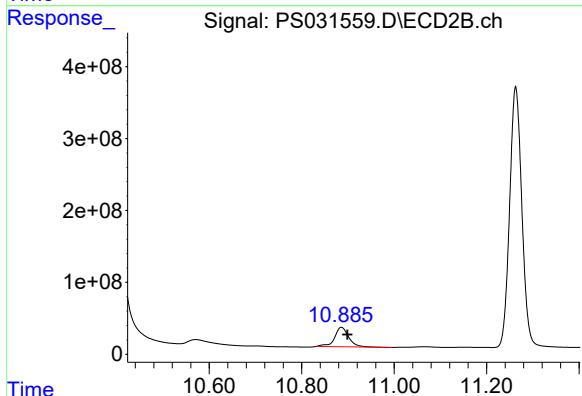
#13 2,4-DB

R.T.: 10.162 min
Delta R.T.: -0.008 min
Response: 1485047347
Conc: 772.77 ng/ml

Instrument :
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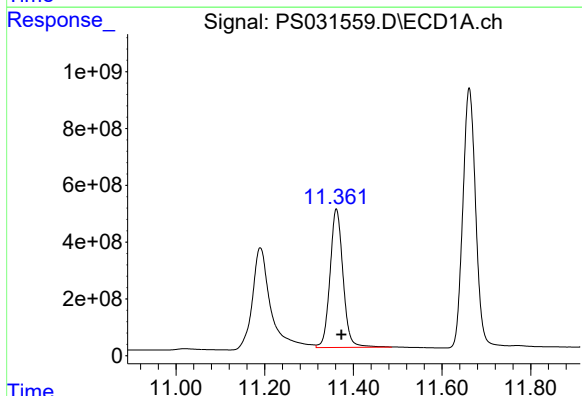
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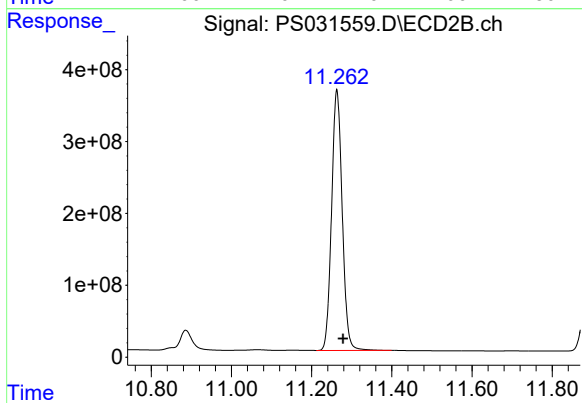
#13 2,4-DB

R.T.: 10.886 min
Delta R.T.: -0.013 min
Response: 566993754
Conc: 587.65 ng/ml



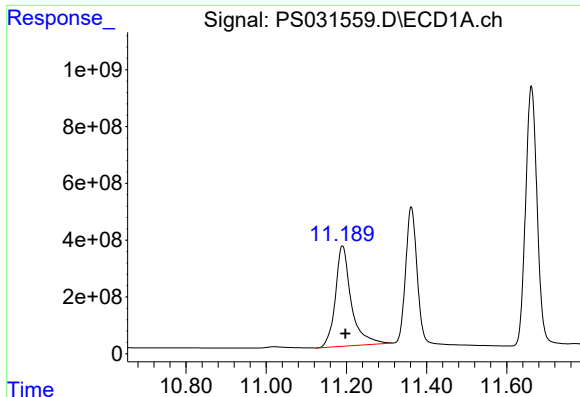
#14 DINOSEB

R.T.: 11.362 min
Delta R.T.: -0.012 min
Response: 9927303903
Conc: 783.00 ng/ml



#14 DINOSEB

R.T.: 11.263 min
Delta R.T.: -0.015 min
Response: 6661623619
Conc: 704.42 ng/ml



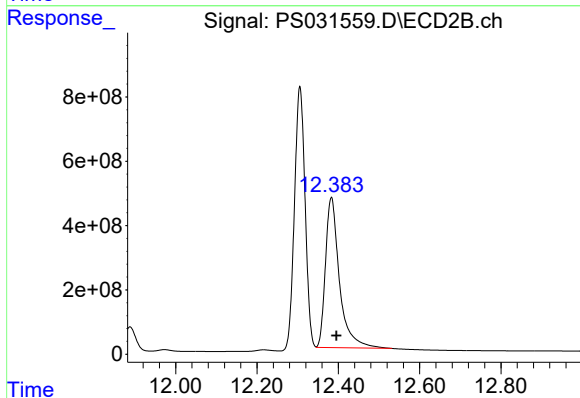
#15 Picloram

R.T.: 11.189 min
Delta R.T.: -0.008 min
Response: 9718553321
Conc: 744.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
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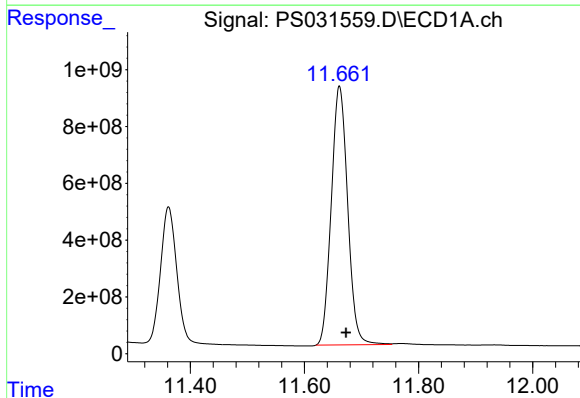
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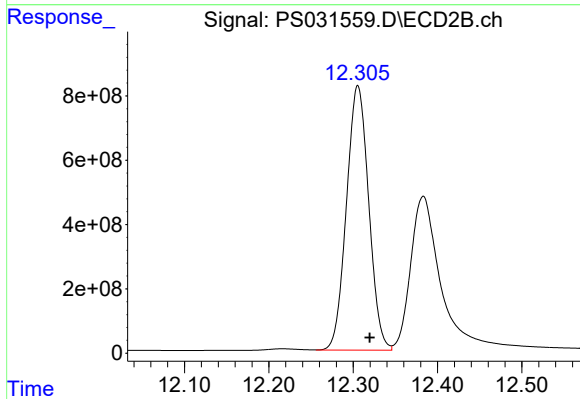
#15 Picloram

R.T.: 12.383 min
Delta R.T.: -0.012 min
Response: 11133045652
Conc: 635.10 ng/ml



#16 DCPA

R.T.: 11.661 min
Delta R.T.: -0.012 min
Response: 18155903520
Conc: 797.03 ng/ml



#16 DCPA

R.T.: 12.305 min
Delta R.T.: -0.015 min
Response: 15101963667
Conc: 766.58 ng/ml m