

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102425\
 Data File : PS032151.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2025 10:34
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/27/2025
 Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 06:21:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 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	7.279	7.743	3681.3E6	918.3E6	772.239	834.563
Target Compounds							
1) T	Dalapon	2.659	2.687	5099.5E6	2590.4E6	659.909	689.265
2) T	3,5-DICHL...	6.447	6.696	5061.7E6	1431.1E6	719.102	686.104
3) T	4-Nitroph...	7.097	7.298	986.8E6	1168.9E6	739.332	770.331
5) T	DICAMBA	7.461	7.938	14803.3E6	6244.1E6	706.857	720.954
6) T	MCPD	7.639	8.035	918.6E6	190.8E6	75.119	76.873
7) T	MCPA	7.788	8.283	1207.0E6	290.3E6	82.021	76.947
8) T	DICHLORPROP	8.169	8.656	3329.4E6	1279.5E6	700.318	653.384
9) T	2,4-D	8.409	9.000	3460.0E6	1536.6E6	712.544	739.331
10) T	Pentachlo...	8.705	9.505	49529.2E6	40679.9E6	737.926	784.964
11) T	2,4,5-TP ...	9.276	9.890	20587.7E6	14960.8E6	728.972	745.252
12) T	2,4,5-T	9.574	10.320	19166.7E6	13212.2E6	759.248	770.630
13) T	2,4-DB	10.151	10.888	2356.8E6	926.2E6	760.188	716.840m
14) T	DINOSEB	11.341	11.261	15786.7E6	11092.0E6	707.896	729.590
15) T	Picloram	11.178	12.384	17775.0E6	22791.4E6	753.885	684.590
16) T	DCPA	11.641	12.302	26673.7E6	24129.0E6	726.009	726.522

(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

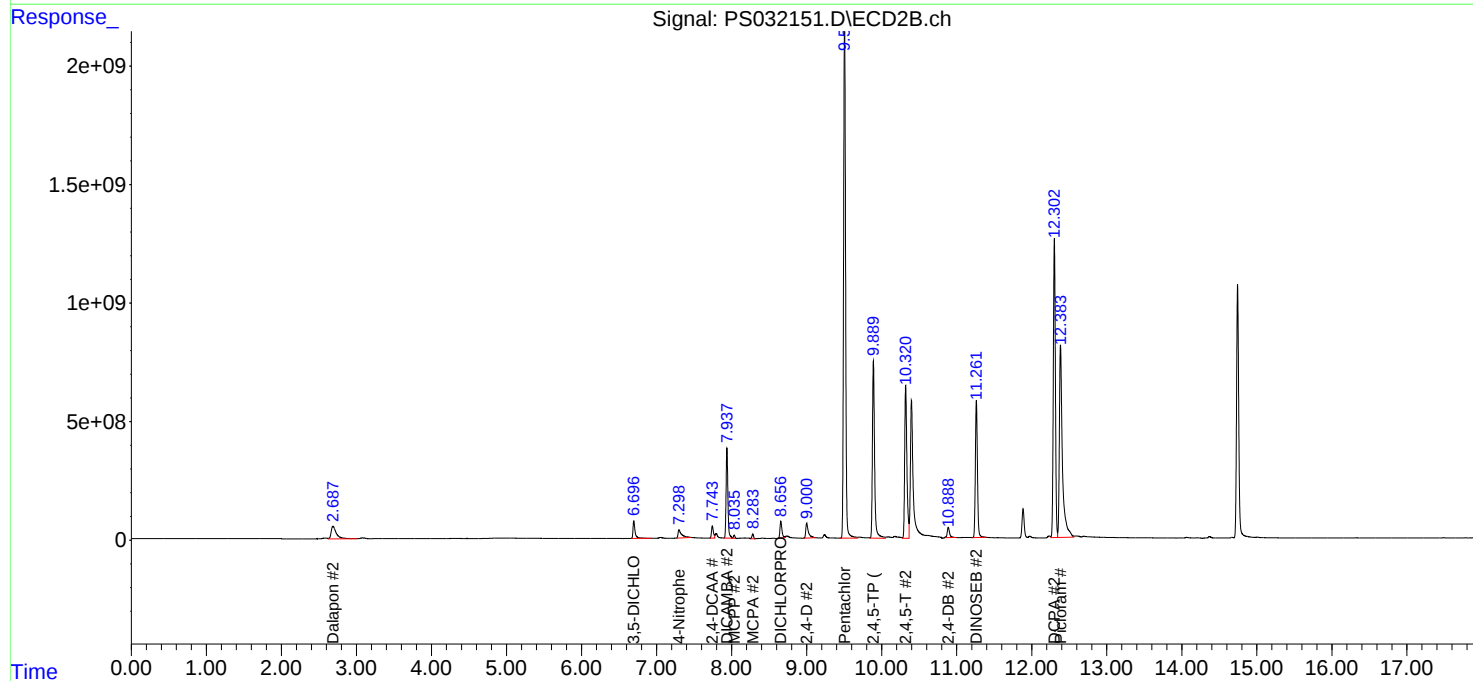
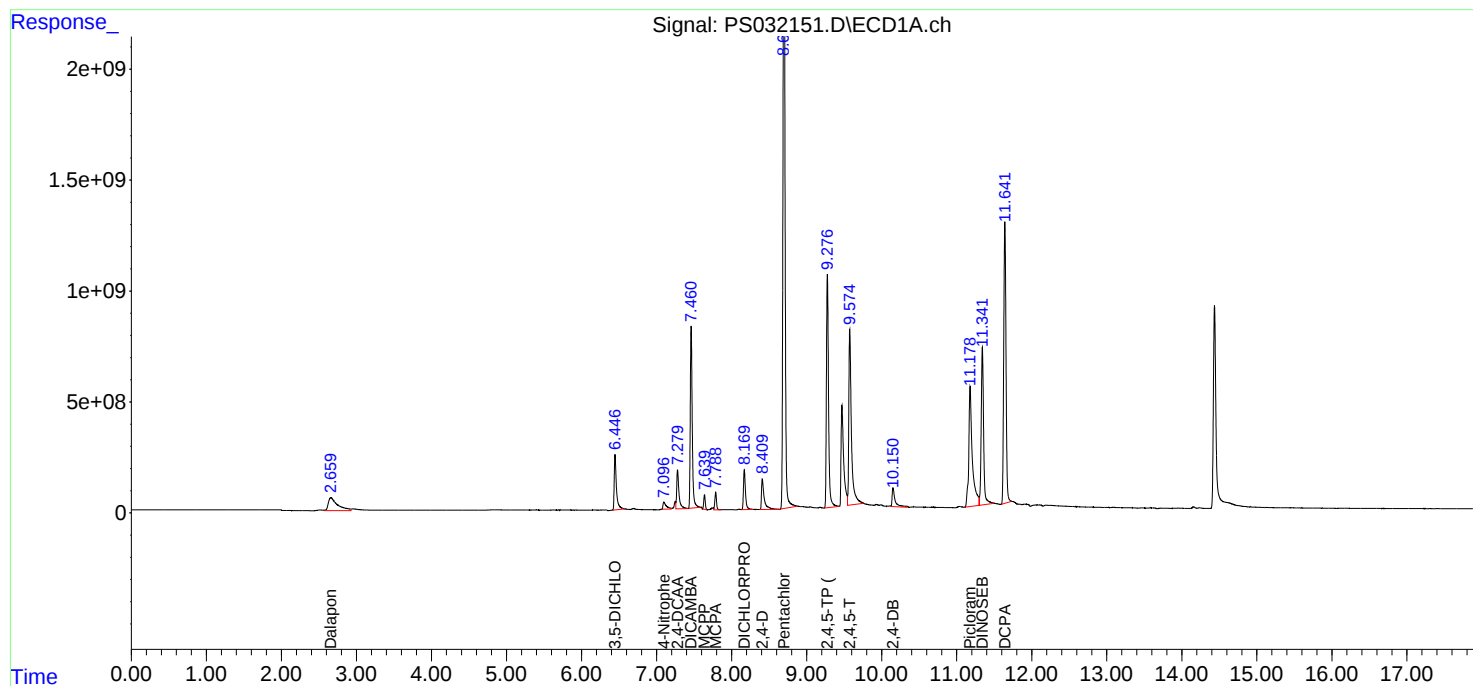
Instrument :
ECD_S
ClientSampleId :
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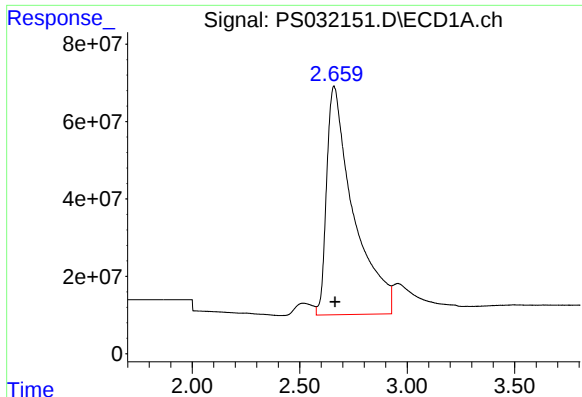
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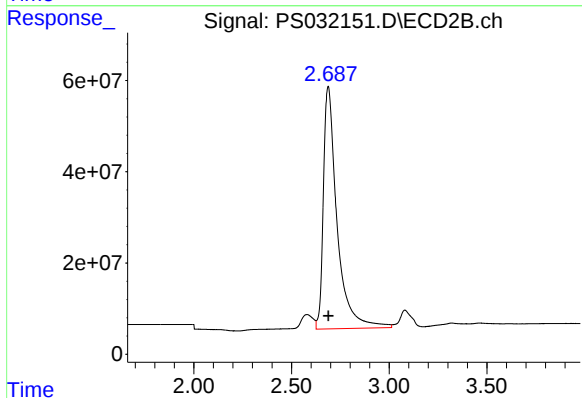
#1 Dalapon

R.T.: 2.659 min
Delta R.T.: -0.006 min
Response: 5099469683
Conc: 659.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

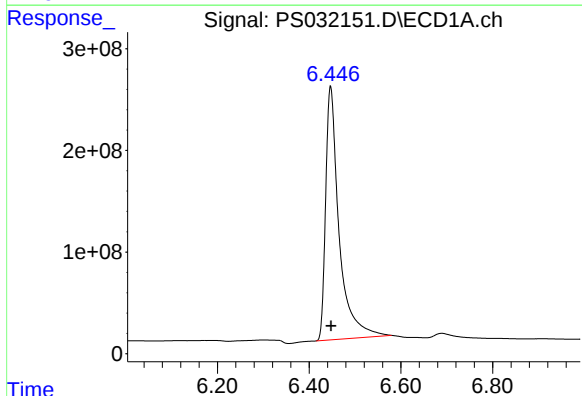
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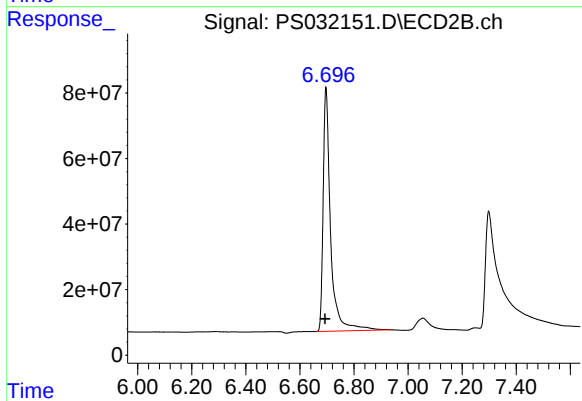
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: -0.002 min
Response: 2590442079
Conc: 689.26 ng/ml



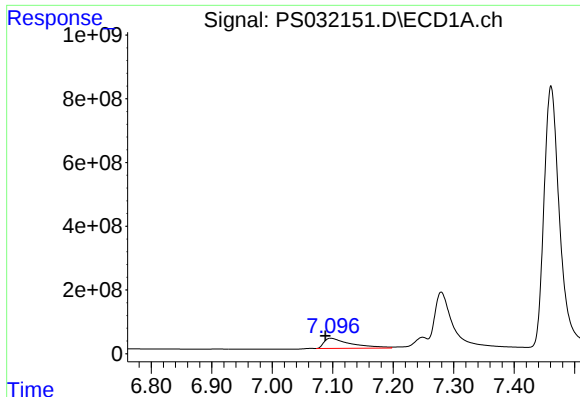
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.447 min
Delta R.T.: 0.000 min
Response: 5061658839
Conc: 719.10 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: 0.003 min
Response: 1431131746
Conc: 686.10 ng/ml



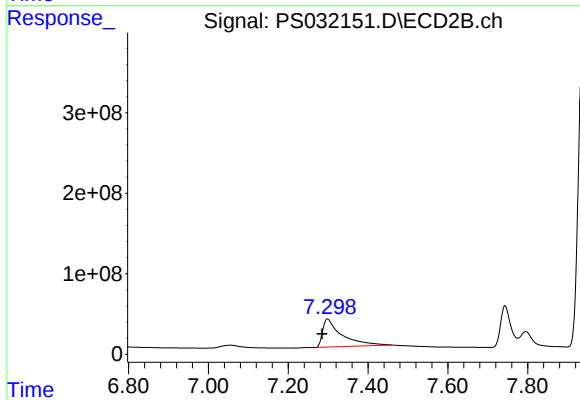
#3 4-Nitrophenol

R.T.: 7.097 min
Delta R.T.: 0.008 min
Response: 986774988
Conc: 739.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

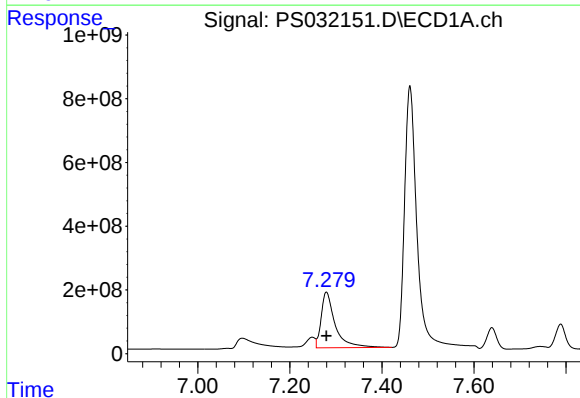
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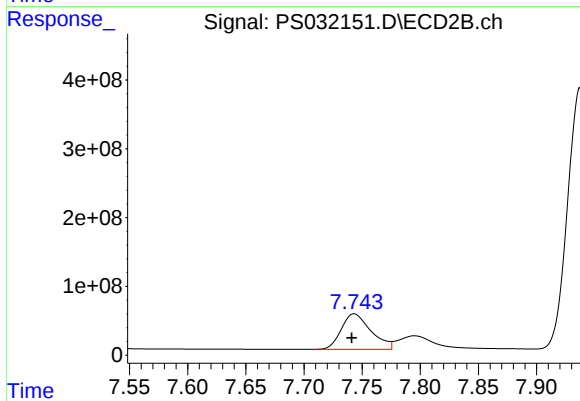
#3 4-Nitrophenol

R.T.: 7.298 min
Delta R.T.: 0.013 min
Response: 1168909142
Conc: 770.33 ng/ml



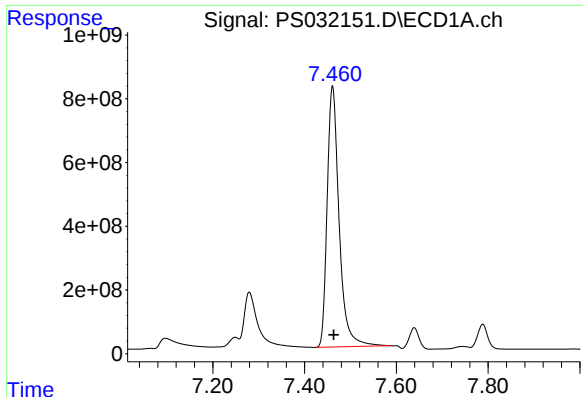
#4 2,4-DCAA

R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 3681289912
Conc: 772.24 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.002 min
Response: 918303652
Conc: 834.56 ng/ml



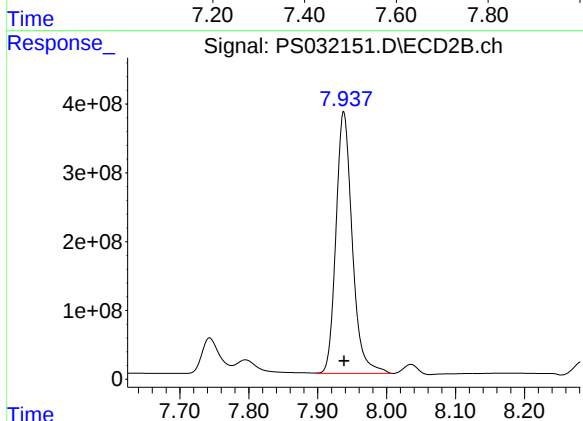
#5 DICAMBA

R.T.: 7.461 min
Delta R.T.: -0.003 min
Response: 14803262787
Conc: 706.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

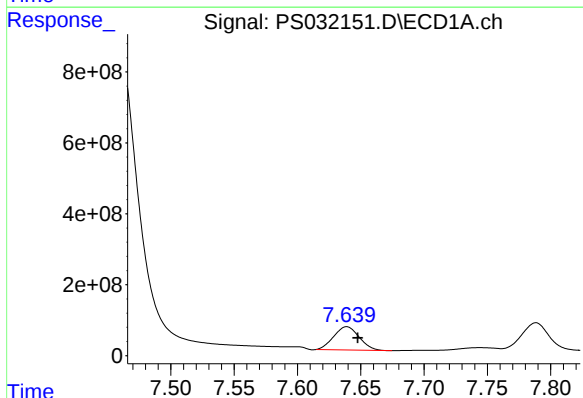
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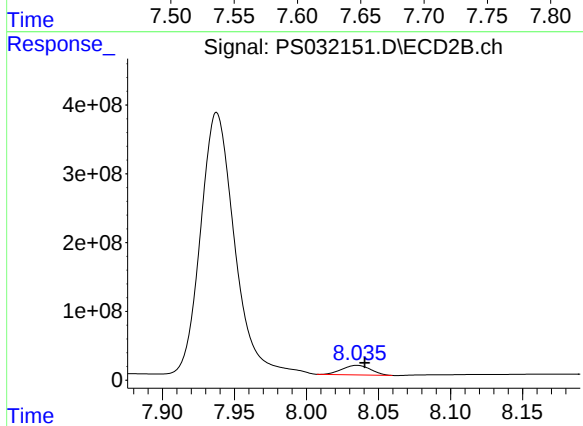
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 6244099304
Conc: 720.95 ng/ml



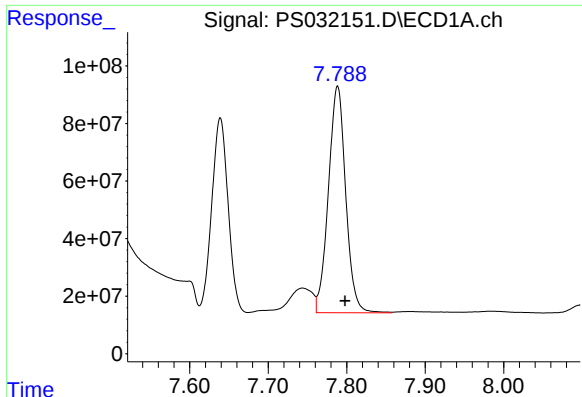
#6 MCP

R.T.: 7.639 min
Delta R.T.: -0.009 min
Response: 918588398
Conc: 75.12 ug/ml



#6 MCP

R.T.: 8.035 min
Delta R.T.: -0.005 min
Response: 190818788
Conc: 76.87 ug/ml



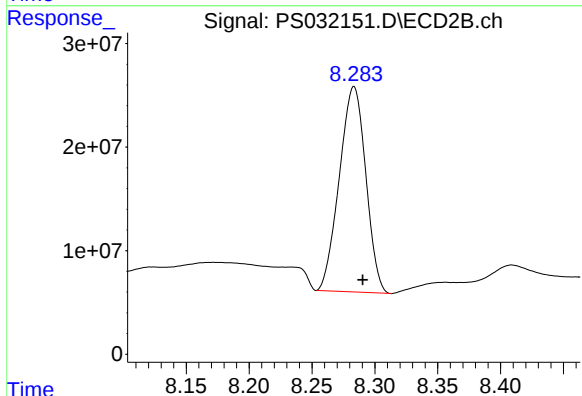
#7 MCPA

R.T.: 7.788 min
Delta R.T.: -0.009 min
Response: 1207046590
Conc: 82.02 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

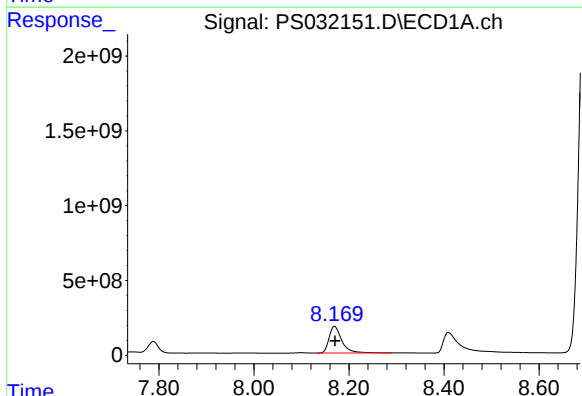
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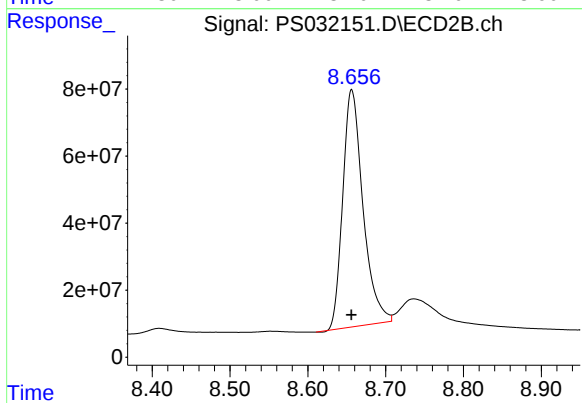
#7 MCPA

R.T.: 8.283 min
Delta R.T.: -0.007 min
Response: 290270172
Conc: 76.95 ug/ml



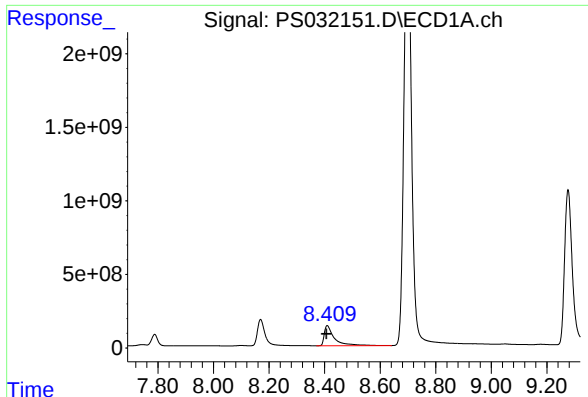
#8 DICHLORPROP

R.T.: 8.169 min
Delta R.T.: -0.001 min
Response: 3329412655
Conc: 700.32 ng/ml



#8 DICHLORPROP

R.T.: 8.656 min
Delta R.T.: 0.000 min
Response: 1279495650
Conc: 653.38 ng/ml



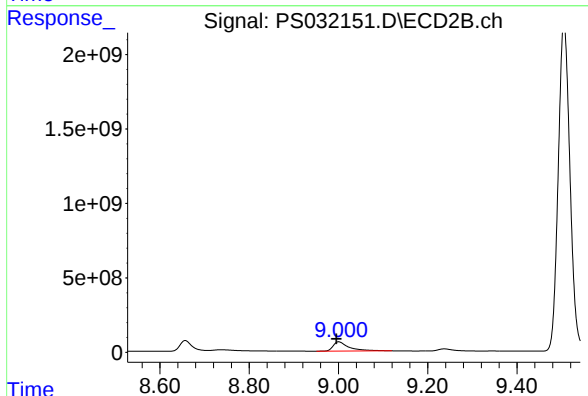
#9 2,4-D

R.T.: 8.409 min
Delta R.T.: 0.003 min
Response: 3460025076
Conc: 712.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

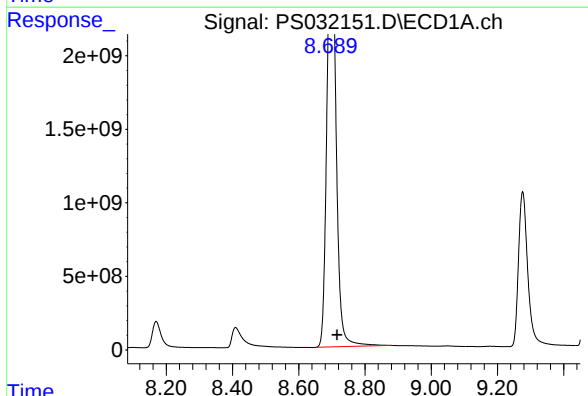
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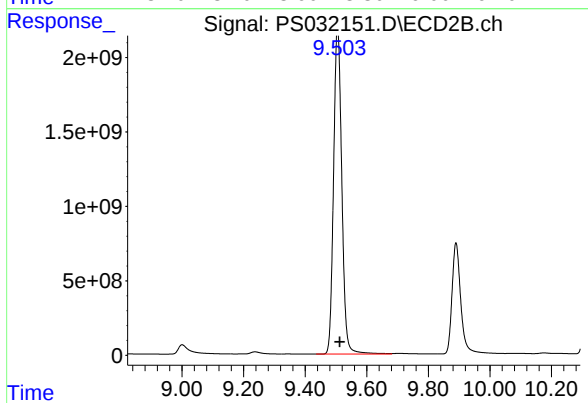
#9 2,4-D

R.T.: 9.000 min
Delta R.T.: 0.005 min
Response: 1536550692
Conc: 739.33 ng/ml



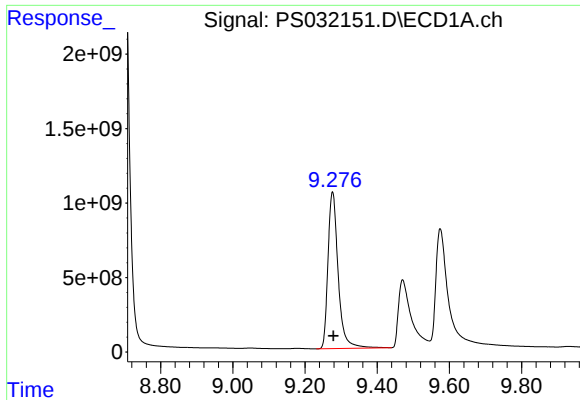
#10 Pentachlorophenol

R.T.: 8.705 min
Delta R.T.: -0.010 min
Response: 49529217470
Conc: 737.93 ng/ml



#10 Pentachlorophenol

R.T.: 9.505 min
Delta R.T.: -0.007 min
Response: 40679855343
Conc: 784.96 ng/ml



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

R.T.: 9.276 min
Delta R.T.: -0.002 min
Response: 20587653164
Conc: 728.97 ng/ml

Instrument :

ECD_S

ClientSampleId :

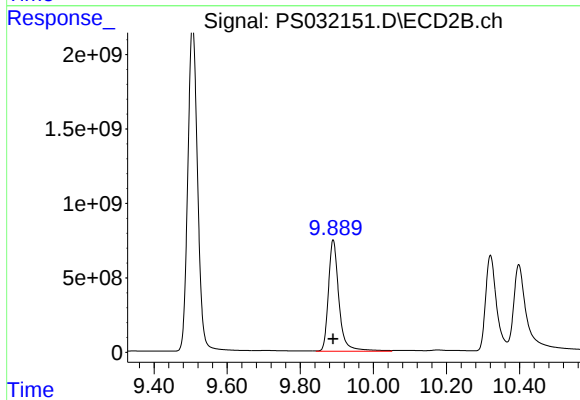
HSTDCCC750

Manual Integrations

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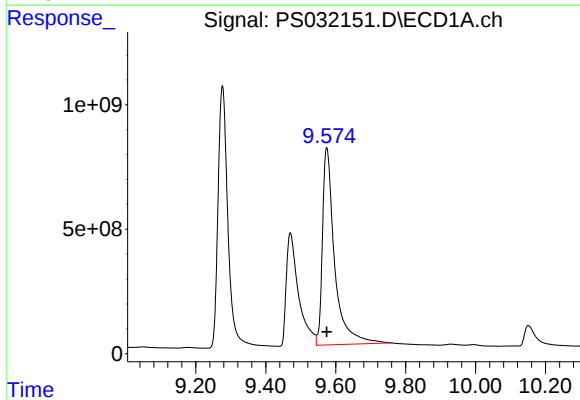
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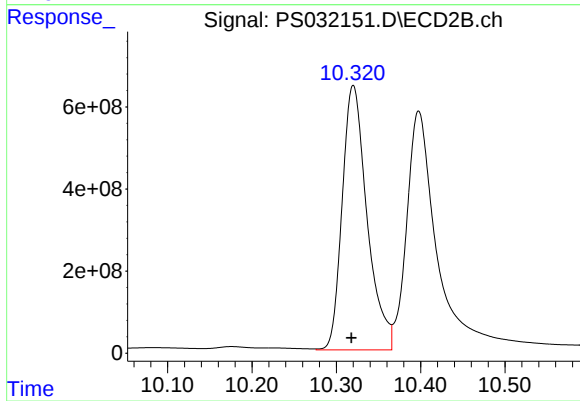
#11 2,4,5-TP (SILVEX)

R.T.: 9.890 min
Delta R.T.: 0.000 min
Response: 14960834719
Conc: 745.25 ng/ml



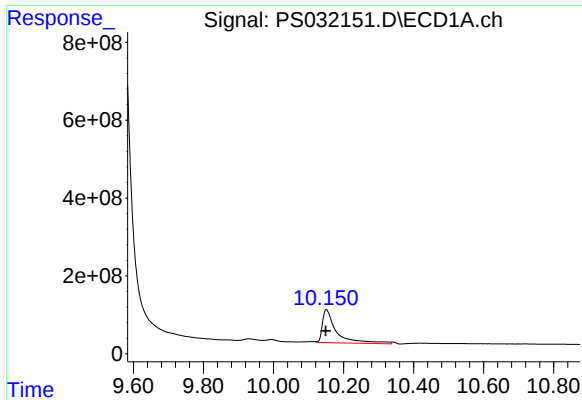
#12 2,4,5-T

R.T.: 9.574 min
Delta R.T.: 0.000 min
Response: 19166672120
Conc: 759.25 ng/ml



#12 2,4,5-T

R.T.: 10.320 min
Delta R.T.: 0.002 min
Response: 13212205893
Conc: 770.63 ng/ml



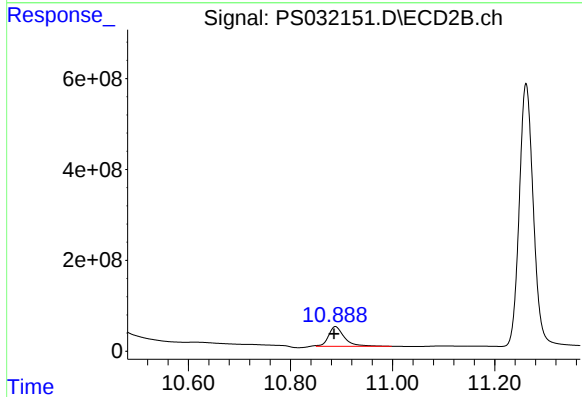
#13 2,4-DB

R.T.: 10.151 min
Delta R.T.: 0.002 min
Response: 2356823676
Conc: 760.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

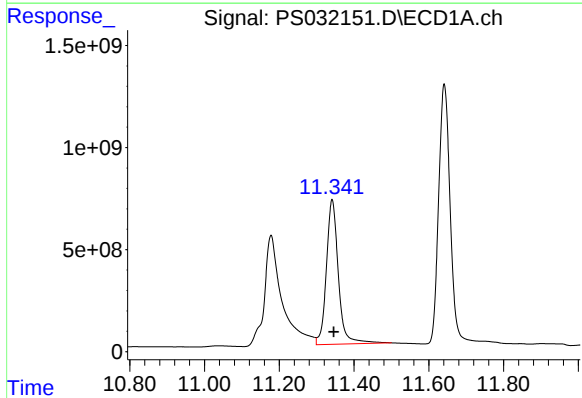
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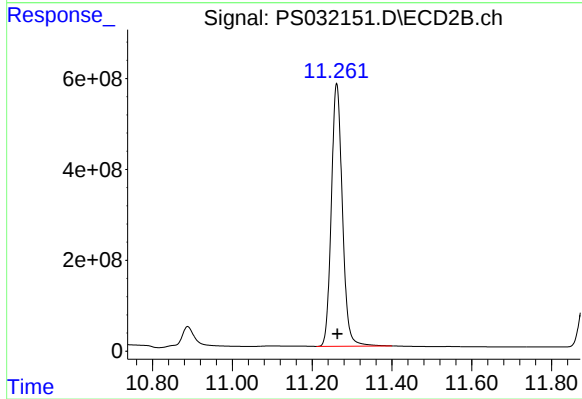
#13 2,4-DB

R.T.: 10.888 min
Delta R.T.: 0.002 min
Response: 926222551
Conc: 716.84 ng/ml m



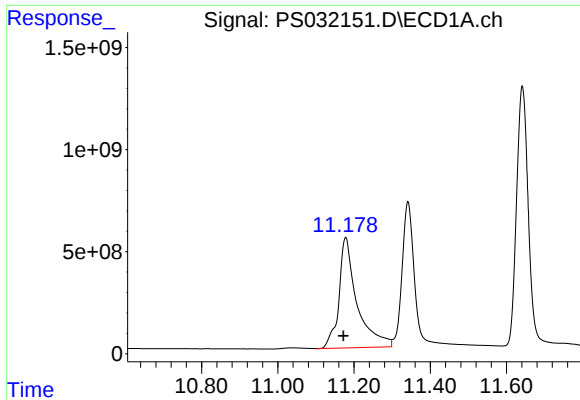
#14 DINOSEB

R.T.: 11.341 min
Delta R.T.: -0.005 min
Response: 15786703497
Conc: 707.90 ng/ml



#14 DINOSEB

R.T.: 11.261 min
Delta R.T.: -0.001 min
Response: 11092016653
Conc: 729.59 ng/ml



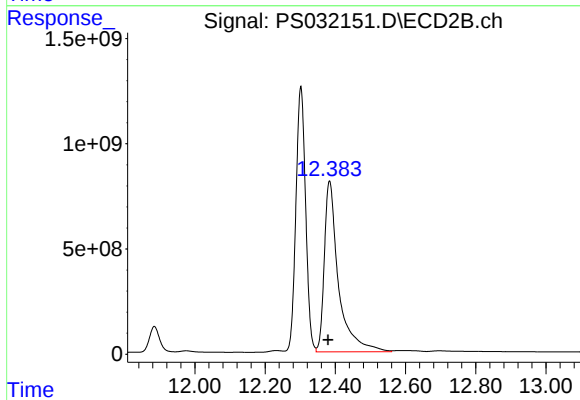
#15 Picloram

R.T.: 11.178 min
Delta R.T.: 0.006 min
Response: 17775000109
Conc: 753.89 ng/ml

Instrument :
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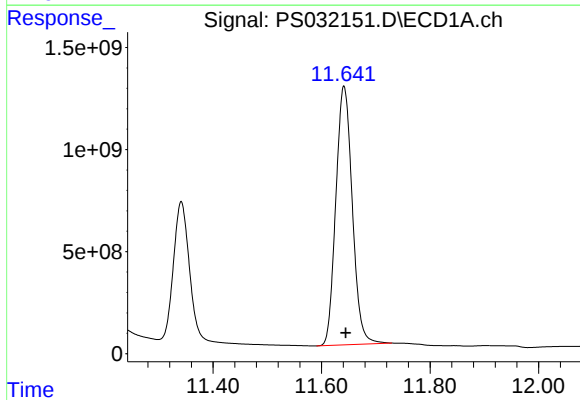
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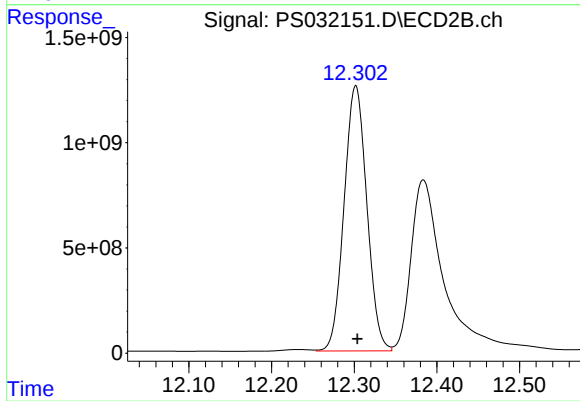
#15 Picloram

R.T.: 12.384 min
Delta R.T.: 0.005 min
Response: 22791362384
Conc: 684.59 ng/ml



#16 DCPA

R.T.: 11.641 min
Delta R.T.: -0.003 min
Response: 26673720486
Conc: 726.01 ng/ml



#16 DCPA

R.T.: 12.302 min
Delta R.T.: -0.002 min
Response: 24128999168
Conc: 726.52 ng/ml