

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071825\
 Data File : PS031144.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2025 21:22
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/21/2025
 Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 23:22:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
 Quant Title : 8080.M
 QLast Update : Mon Jul 14 05:51:06 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	7.324	7.766	2874.4E6	698.7E6	726.771	674.352
Target Compounds							
1) T	Dalapon	2.695	2.703	3578.9E6	1698.2E6	587.498	597.363
2) T	3,5-DICHL...	6.487	6.713	3601.3E6	949.1E6	687.461	612.192
3) T	4-Nitroph...	7.125	7.299	1145.4E6	1092.5E6	848.474	626.459 #
5) T	DICAMBA	7.514	7.968	9945.2E6	4148.7E6	633.817	640.585
6) T	MCPD	7.695	8.067	673.1E6	131.2E6	73.155m	61.361
7) T	MCPA	7.845	8.315	825.4E6	201.1E6	75.681	62.727
8) T	DICHLORPROP	8.225	8.687	2607.6E6	1026.9E6	765.784	675.916
9) T	2,4-D	8.456	9.023	2557.3E6	1189.4E6	830.705m	699.877
10) T	Pentachlo...	8.761	9.547	40940.3E6	26363.0E6	814.545m	684.131
11) T	2,4,5-TP ...	9.342	9.928	14976.9E6	9915.0E6	804.743	675.600
12) T	2,4,5-T	9.636	10.355	12932.0E6	9204.0E6	850.047m	657.811
13) T	2,4-DB	10.212	10.922	1837.4E6	743.9E6	846.415m	628.760 #
14) T	DINOSEB	11.427	11.307	10361.8E6	7213.2E6	785.940m	635.440
15) T	Picloram	11.236	12.417	15388.5E6	16539.0E6	1056.038m	704.366 #
16) T	DCPA	11.724	12.351	19335.1E6	15104.5E6	807.745	669.762m

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

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Acq On : 18 Jul 2025 21:22
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 33 Sample Multiplier: 1

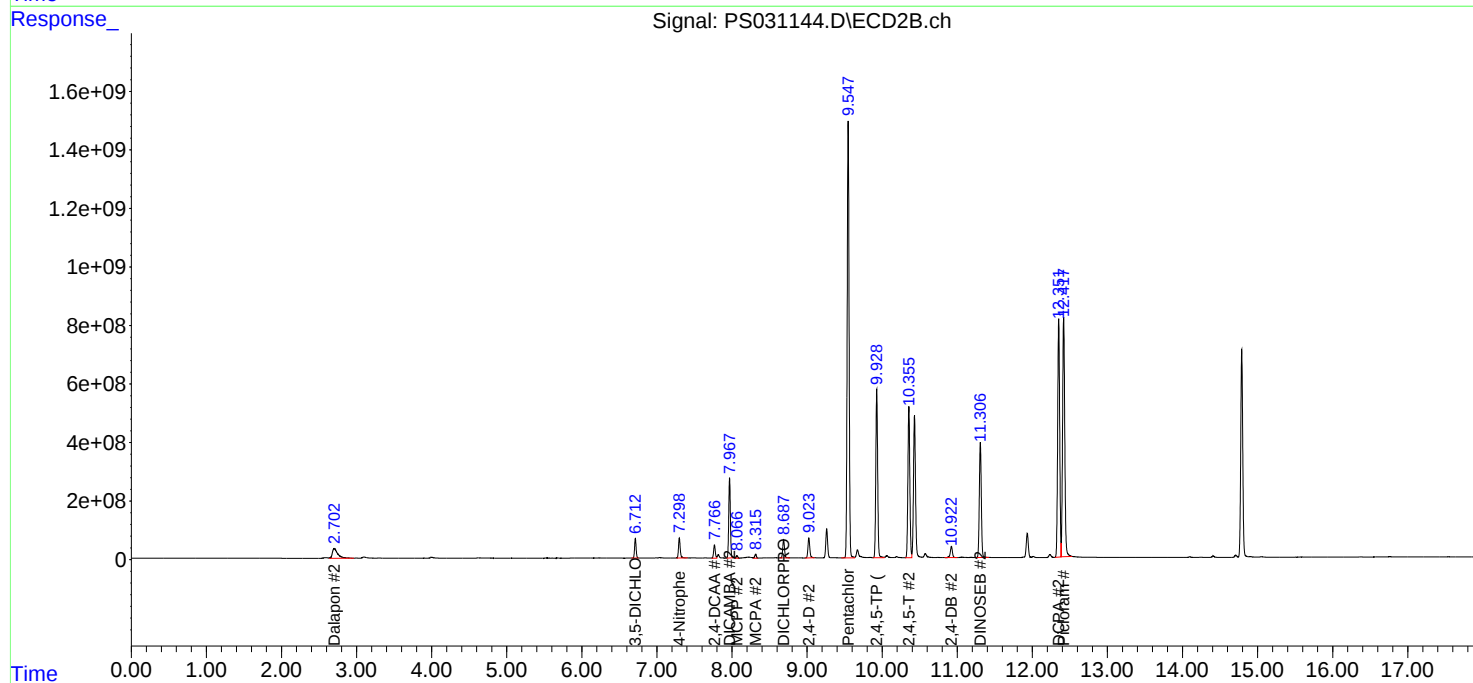
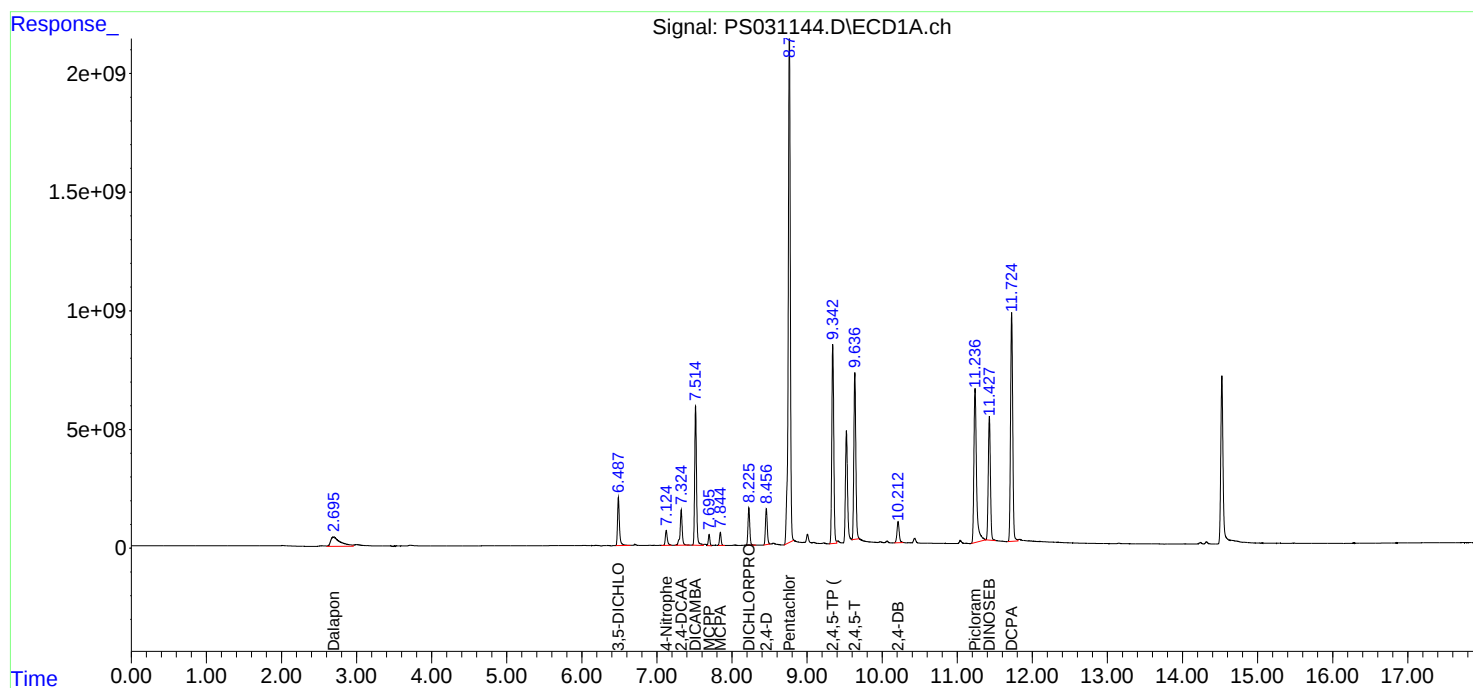
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

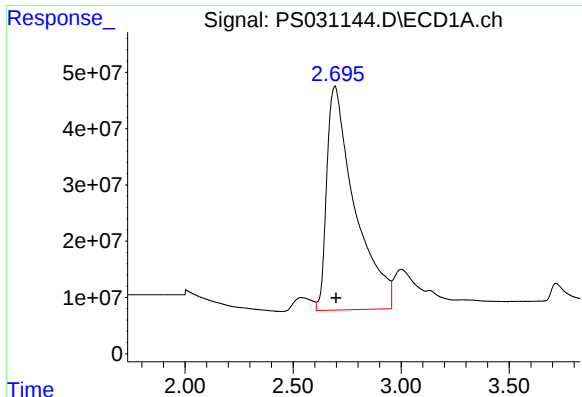
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.695 min
Delta R.T.: -0.003 min
Response: 3578872939
Conc: 587.50 ng/ml

Instrument :

ECD_S

ClientSampleId :

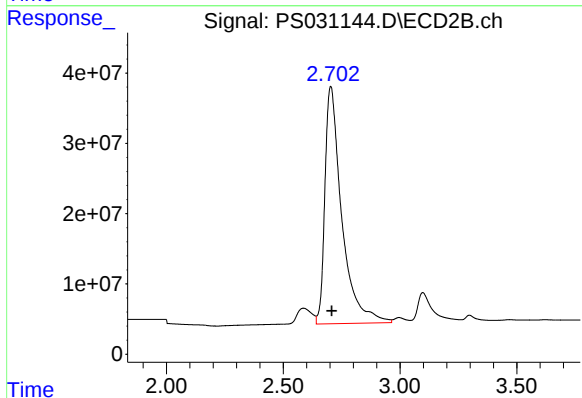
HSTDCCC750

Manual Integrations

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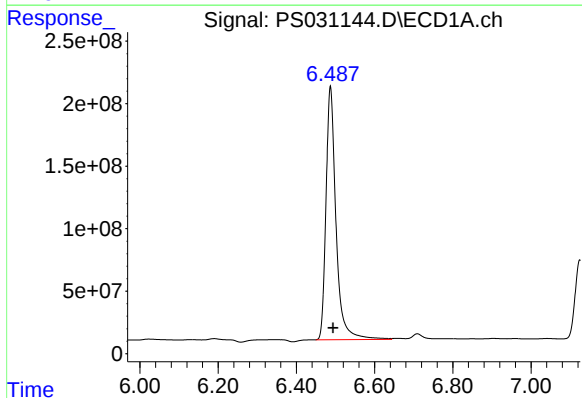
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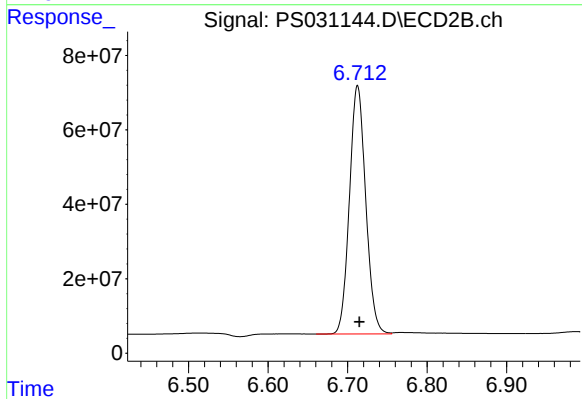
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: -0.005 min
Response: 1698219676
Conc: 597.36 ng/ml



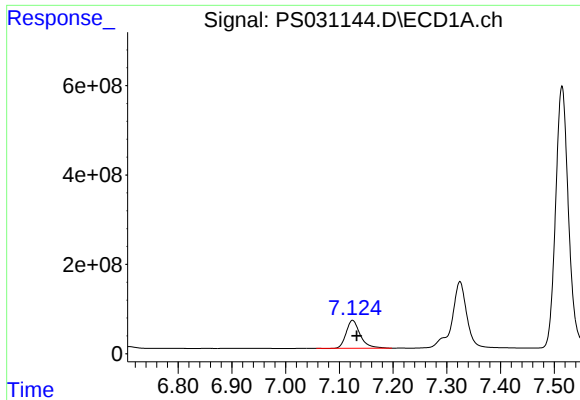
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.487 min
Delta R.T.: -0.007 min
Response: 3601336176
Conc: 687.46 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: -0.002 min
Response: 949103535
Conc: 612.19 ng/ml



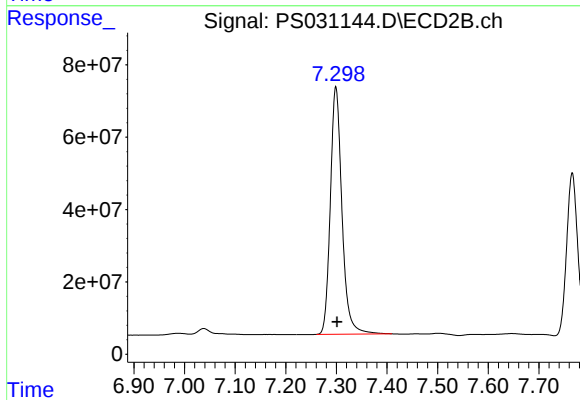
#3 4-Nitrophenol

R.T.: 7.125 min
Delta R.T.: -0.008 min
Response: 1145446270
Conc: 848.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

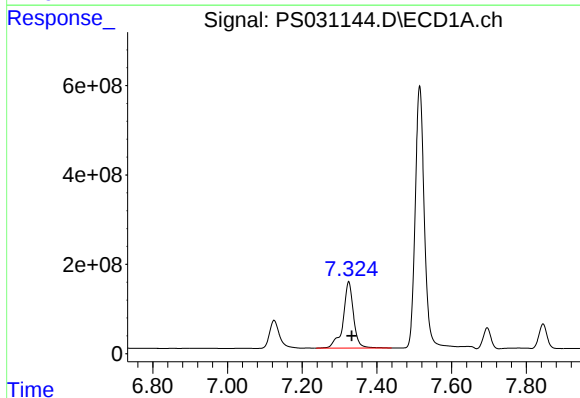
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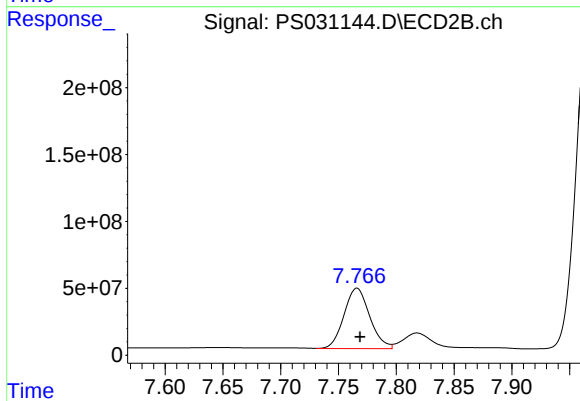
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: -0.002 min
Response: 1092475338
Conc: 626.46 ng/ml



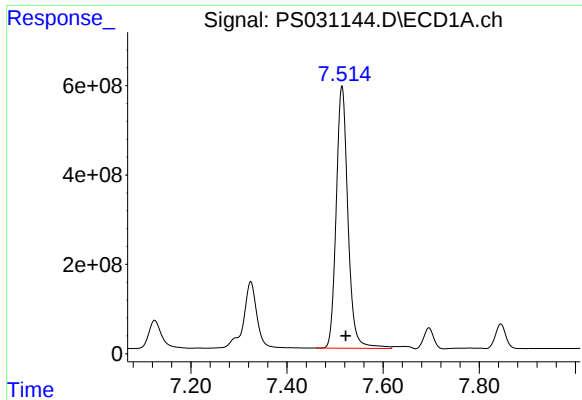
#4 2,4-DCAA

R.T.: 7.324 min
Delta R.T.: -0.008 min
Response: 2874434672
Conc: 726.77 ng/ml



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.003 min
Response: 698650399
Conc: 674.35 ng/ml



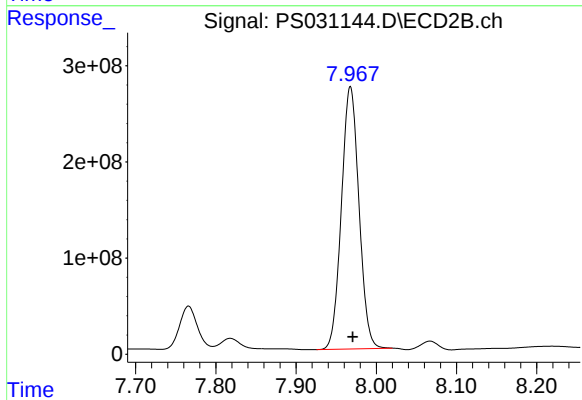
#5 DICAMBA

R.T.: 7.514 min
Delta R.T.: -0.008 min
Response: 9945160335
Conc: 633.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

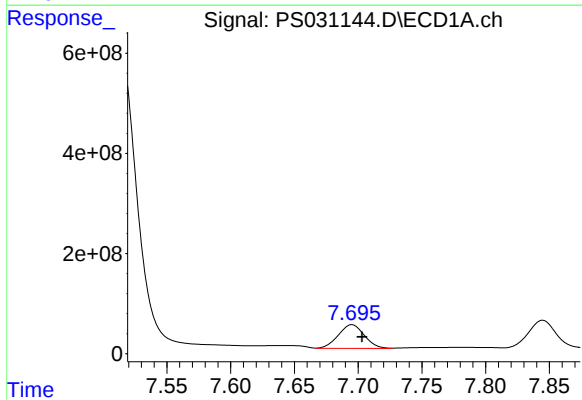
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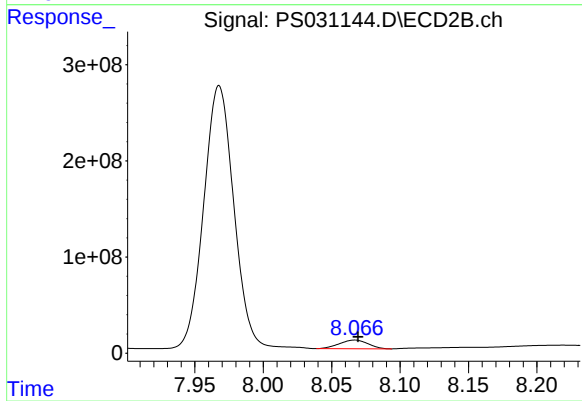
#5 DICAMBA

R.T.: 7.968 min
Delta R.T.: -0.003 min
Response: 4148700293
Conc: 640.59 ng/ml



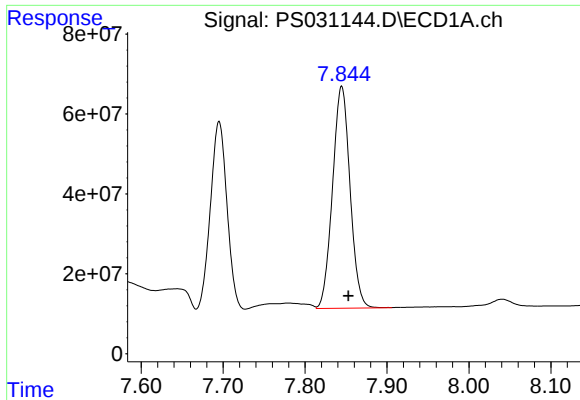
#6 MCPP

R.T.: 7.695 min
Delta R.T.: -0.008 min
Response: 673119197
Conc: 73.15 ug/ml m



#6 MCPP

R.T.: 8.067 min
Delta R.T.: -0.002 min
Response: 131185870
Conc: 61.36 ug/ml



#7 MCPA

R.T.: 7.845 min
Delta R.T.: -0.008 min
Response: 825438388
Conc: 75.68 ug/ml

Instrument :

ECD_S

ClientSampleId :

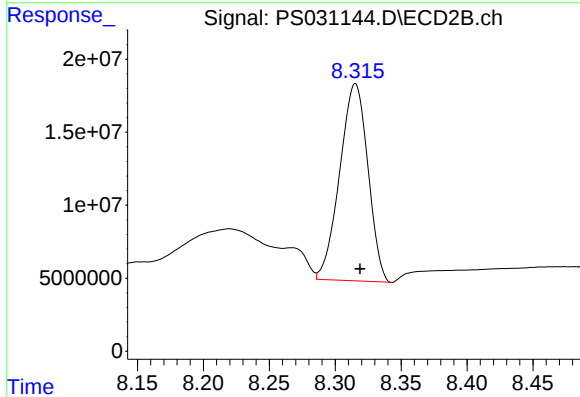
HSTDCCC750

Manual Integrations

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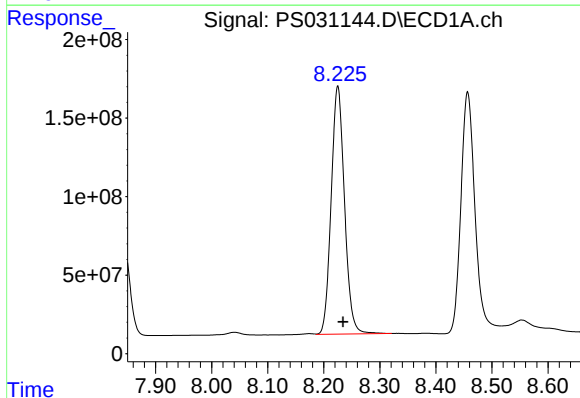
Reviewed By :Abdul Mirza 07/21/2025

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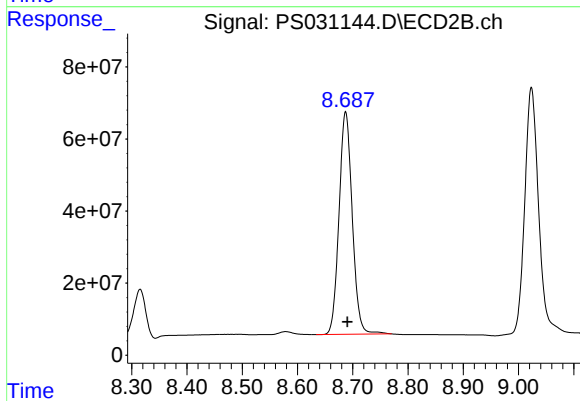
#7 MCPA

R.T.: 8.315 min
Delta R.T.: -0.004 min
Response: 201082534
Conc: 62.73 ug/ml



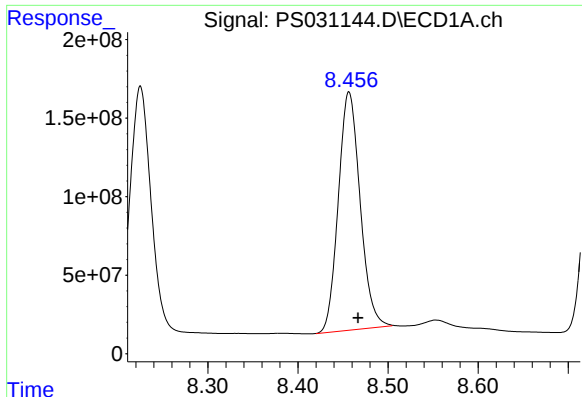
#8 DICHLORPROP

R.T.: 8.225 min
Delta R.T.: -0.010 min
Response: 2607613188
Conc: 765.78 ng/ml



#8 DICHLORPROP

R.T.: 8.687 min
Delta R.T.: -0.003 min
Response: 1026892286
Conc: 675.92 ng/ml



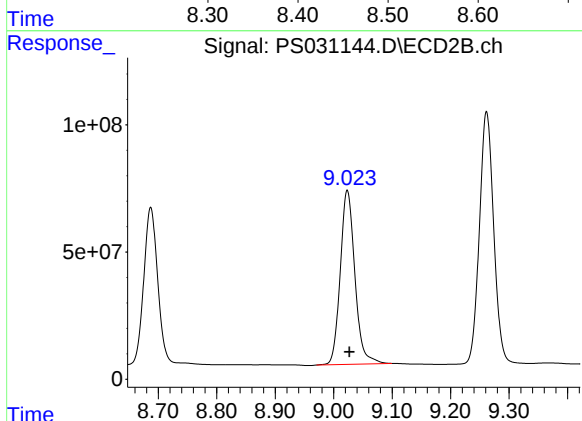
#9 2,4-D

R.T.: 8.456 min
Delta R.T.: -0.011 min
Response: 2557273364
Conc: 830.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

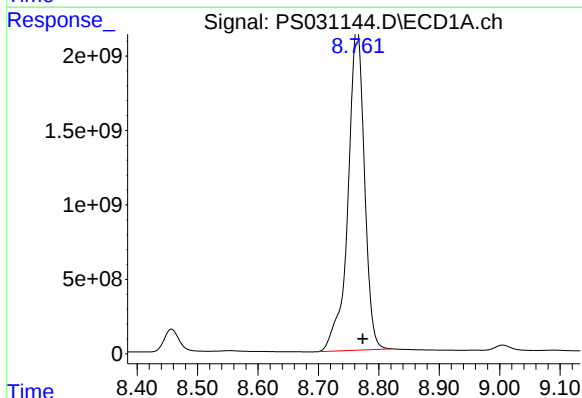
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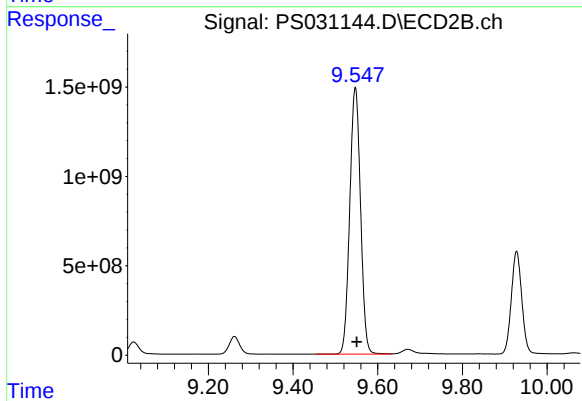
#9 2,4-D

R.T.: 9.023 min
Delta R.T.: -0.003 min
Response: 1189416800
Conc: 699.88 ng/ml



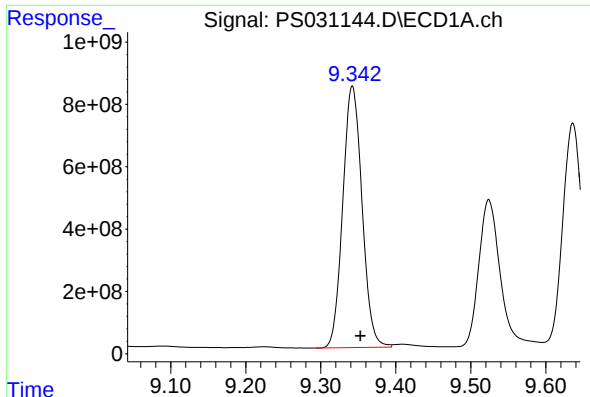
#10 Pentachlorophenol

R.T.: 8.761 min
Delta R.T.: -0.012 min
Response: 40940282516
Conc: 814.54 ng/ml m



#10 Pentachlorophenol

R.T.: 9.547 min
Delta R.T.: -0.003 min
Response: 26363011610
Conc: 684.13 ng/ml



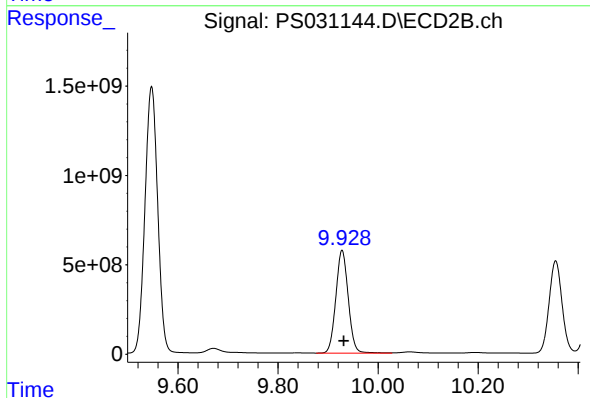
#11 2,4,5-TP (SILVEX)

R.T.: 9.342 min
Delta R.T.: -0.011 min
Response: 14976863223
Conc: 804.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

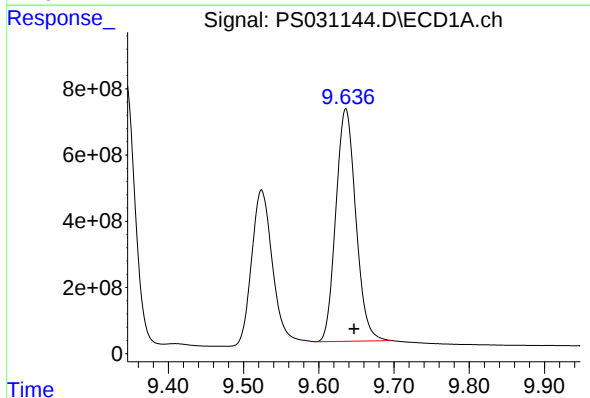
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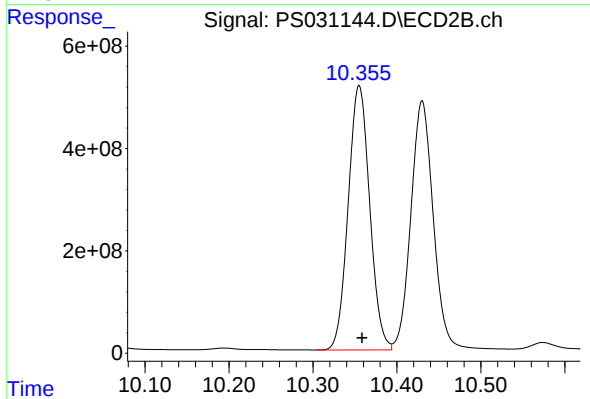
#11 2,4,5-TP (SILVEX)

R.T.: 9.928 min
Delta R.T.: -0.004 min
Response: 9914956992
Conc: 675.60 ng/ml



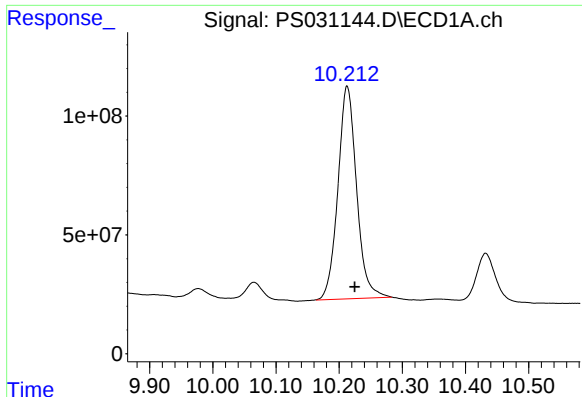
#12 2,4,5-T

R.T.: 9.636 min
Delta R.T.: -0.011 min
Response: 12932032291
Conc: 850.05 ng/ml m



#12 2,4,5-T

R.T.: 10.355 min
Delta R.T.: -0.003 min
Response: 9203964506
Conc: 657.81 ng/ml



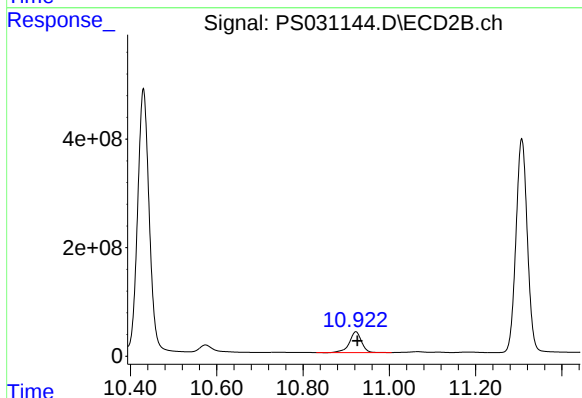
#13 2,4-DB

R.T.: 10.212 min
Delta R.T.: -0.013 min
Response: 1837389240
Conc: 846.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

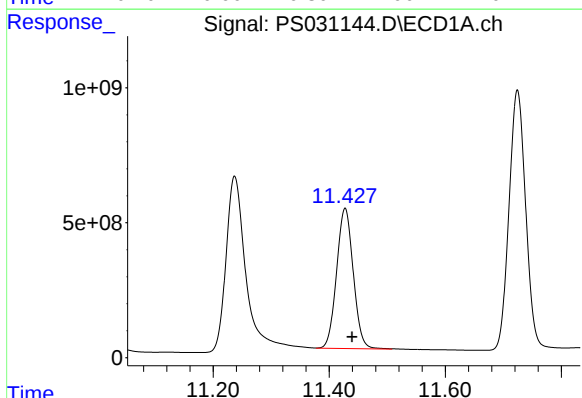
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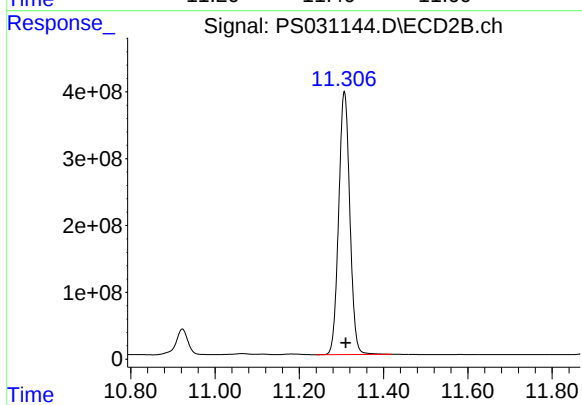
#13 2,4-DB

R.T.: 10.922 min
Delta R.T.: -0.003 min
Response: 743936950
Conc: 628.76 ng/ml



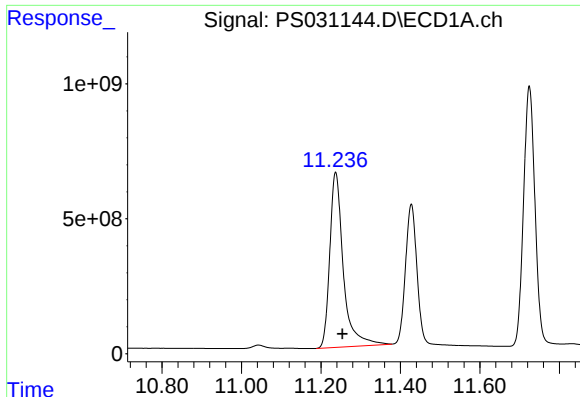
#14 DINOSEB

R.T.: 11.427 min
Delta R.T.: -0.012 min
Response: 10361756611
Conc: 785.94 ng/ml m



#14 DINOSEB

R.T.: 11.307 min
Delta R.T.: -0.003 min
Response: 7213214374
Conc: 635.44 ng/ml



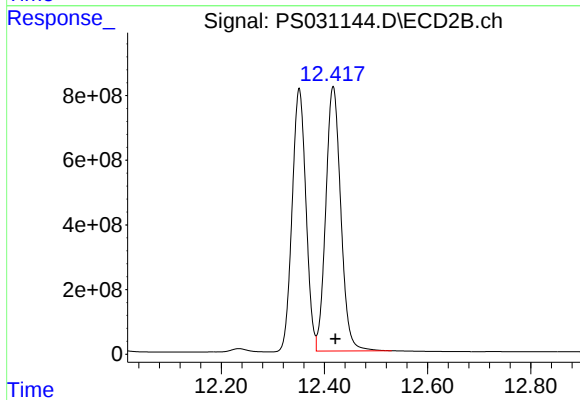
#15 Picloram

R.T.: 11.236 min
Delta R.T.: -0.017 min
Response: 15388526295
Conc: 1056.04 ng/m

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

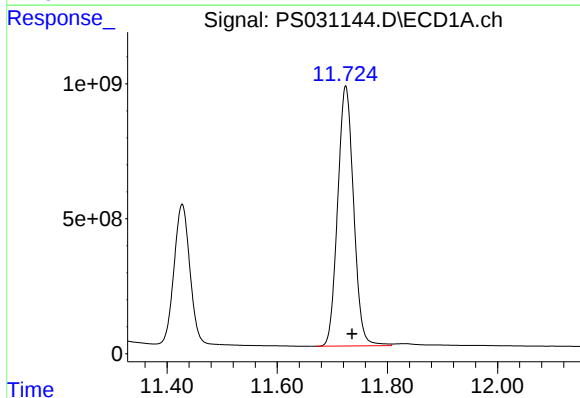
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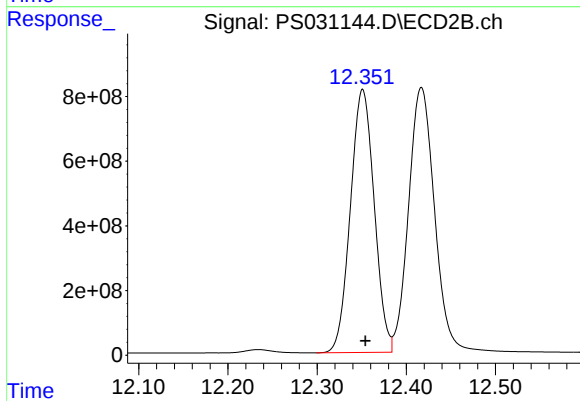
#15 Picloram

R.T.: 12.417 min
Delta R.T.: -0.004 min
Response: 16538970865
Conc: 704.37 ng/ml



#16 DCPA

R.T.: 11.724 min
Delta R.T.: -0.012 min
Response: 19335141368
Conc: 807.75 ng/ml



#16 DCPA

R.T.: 12.351 min
Delta R.T.: -0.004 min
Response: 15104458489
Conc: 669.76 ng/ml m