

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
 Data File : PS032144.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2025 15:00
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/24/2025
 Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 04:41:30 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	3788.2E6	966.6E6	794.665	878.421
Target Compounds							
1) T	Dalapon	2.658	2.687	5318.5E6	2715.5E6	688.253	722.545
2) T	3,5-DICHL...	6.446	6.696	5262.9E6	1482.6E6	747.692	710.777
3) T	4-Nitroph...	7.091	7.296	1052.6E6	1147.3E6	788.660m	756.081
5) T	DICAMBA	7.462	7.939	15912.1E6	6523.6E6	759.803	753.229
6) T	MCPD	7.641	8.036	963.9E6	199.8E6	78.825	80.503
7) T	MCPA	7.790	8.284	1194.7E6	294.2E6	81.181	77.995
8) T	DICHLORPROP	8.170	8.658	3466.2E6	1457.0E6	729.087	744.023
9) T	2,4-D	8.407	9.000	3710.0E6	1618.9E6	764.016	778.945
10) T	Pentachlo...	8.702	9.507	50305.8E6	41582.6E6	749.497	802.383
11) T	2,4,5-TP ...	9.277	9.892	21364.8E6	15191.6E6	756.490	756.749
12) T	2,4,5-T	9.575	10.321	20073.8E6	13603.3E6	795.183	793.443
13) T	2,4-DB	10.150	10.889	2353.4E6	1028.0E6	759.074	795.647
14) T	DINOSEB	11.343	11.264	15745.2E6	11228.4E6	706.036	738.561
15) T	Picloram	11.175	12.386	19049.9E6	23718.4E6	807.959	712.434
16) T	DCPA	11.643	12.305	27407.4E6	24953.8E6	745.978	751.357

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

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Acq On : 23 Oct 2025 15:00
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

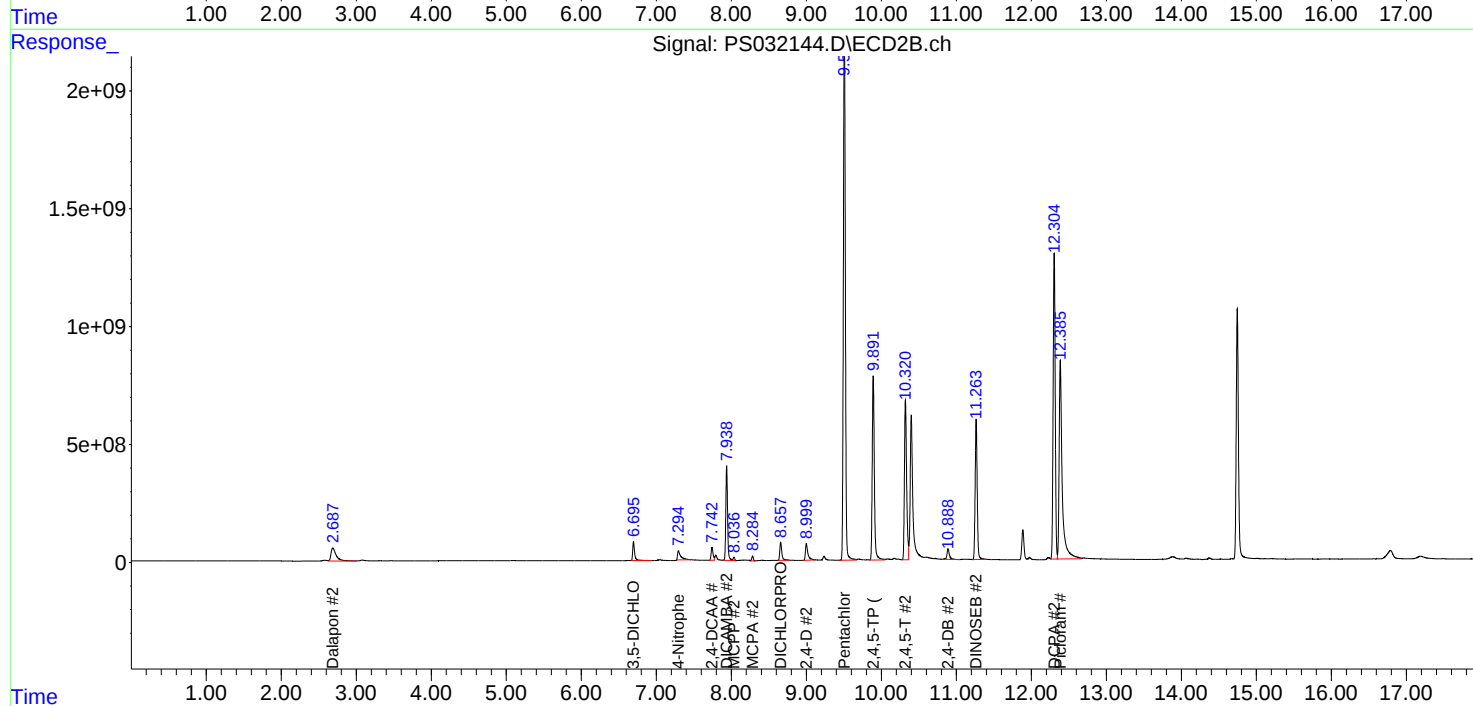
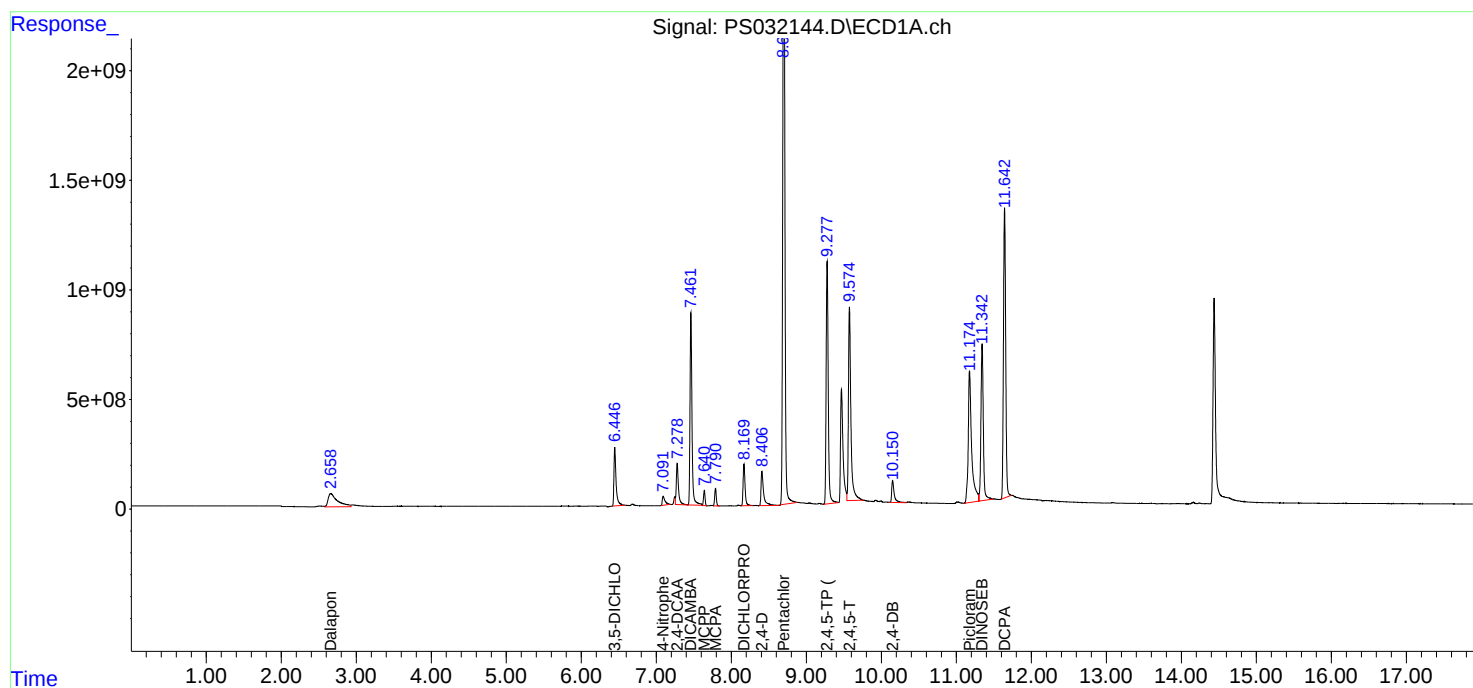
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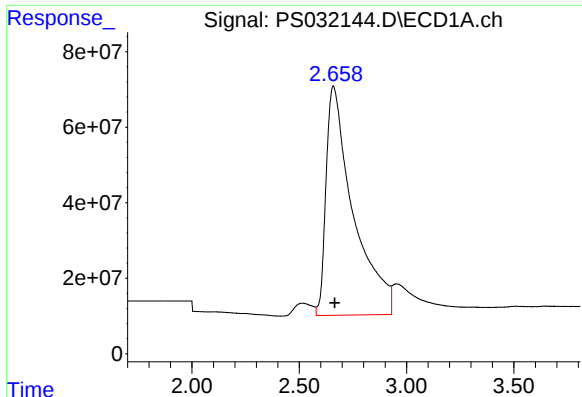
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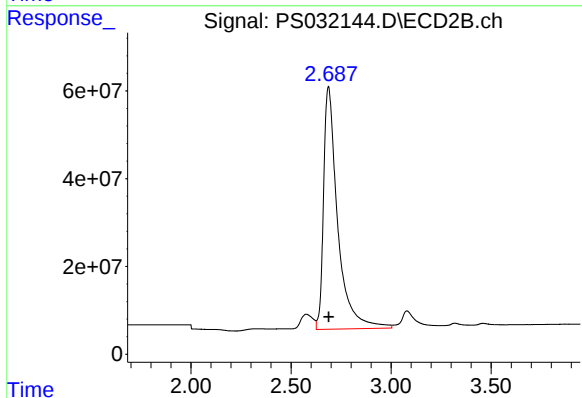
#1 Dalapon

R.T.: 2.658 min
Delta R.T.: -0.007 min
Response: 5318498428
Conc: 688.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

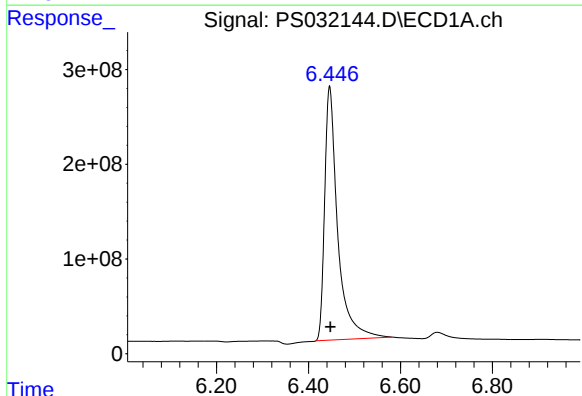
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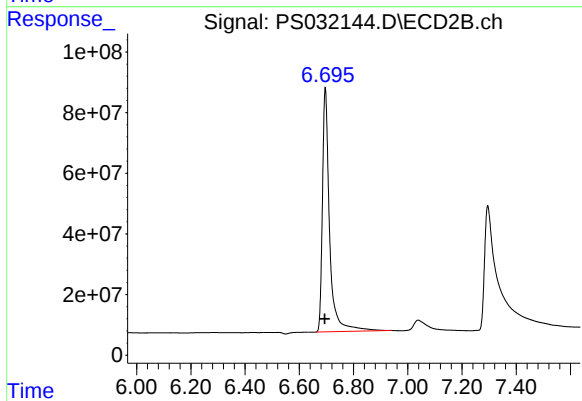
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: -0.002 min
Response: 2715519909
Conc: 722.55 ng/ml



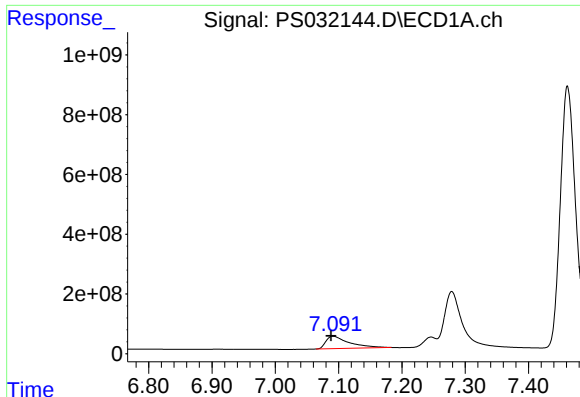
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.446 min
Delta R.T.: -0.001 min
Response: 5262903466
Conc: 747.69 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: 0.003 min
Response: 1482597147
Conc: 710.78 ng/ml



#3 4-Nitrophenol

R.T.: 7.091 min
Delta R.T.: 0.002 min
Response: 1052611286
Conc: 788.66 ng/ml

Instrument :

ECD_S

ClientSampleId :

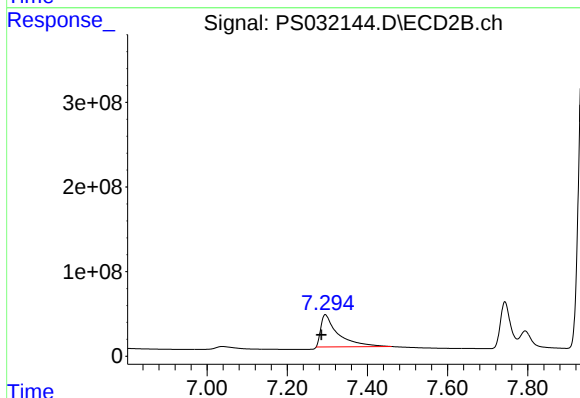
HSTDCCC750

Manual Integrations

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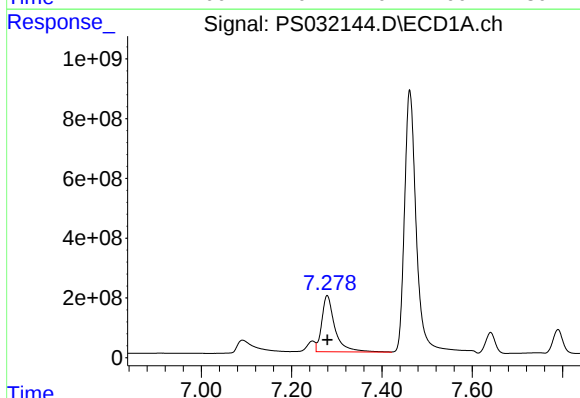
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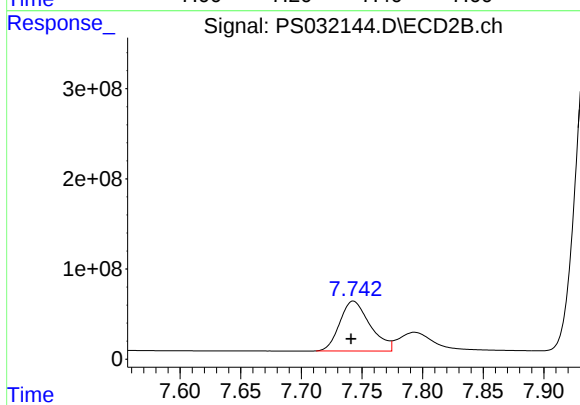
#3 4-Nitrophenol

R.T.: 7.296 min
Delta R.T.: 0.011 min
Response: 1147285546
Conc: 756.08 ng/ml



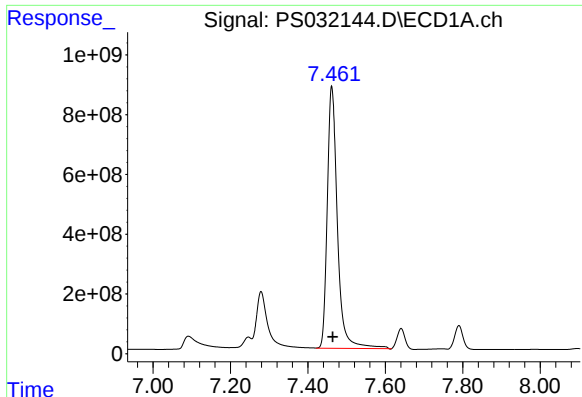
#4 2,4-DCAA

R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 3788195905
Conc: 794.67 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.002 min
Response: 966562491
Conc: 878.42 ng/ml



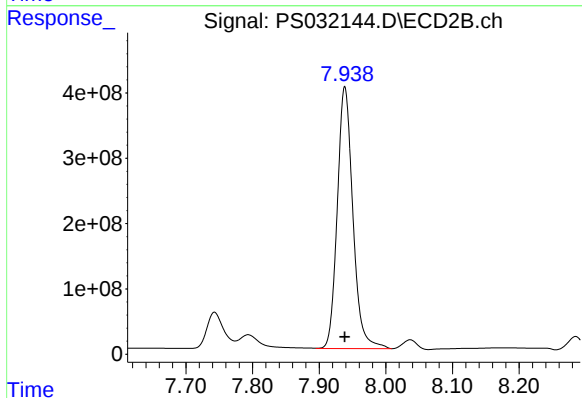
#5 DICAMBA

R.T.: 7.462 min
Delta R.T.: -0.002 min
Response: 15912074220
Conc: 759.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

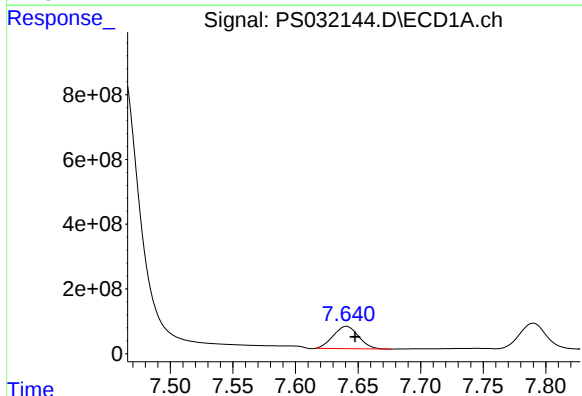
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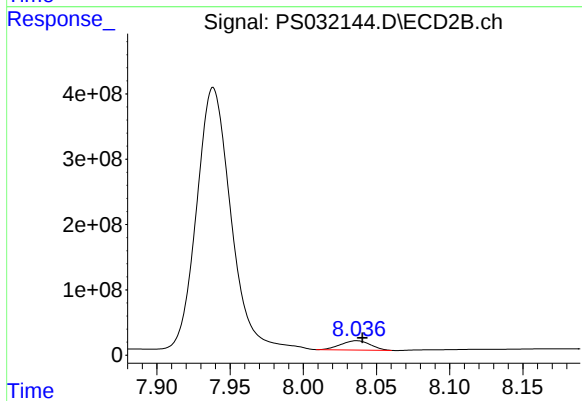
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 6523627240
Conc: 753.23 ng/ml



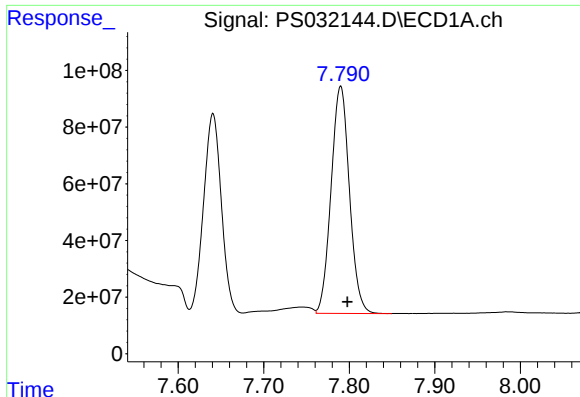
#6 MCPP

R.T.: 7.641 min
Delta R.T.: -0.007 min
Response: 963904097
Conc: 78.82 ug/ml



#6 MCPP

R.T.: 8.036 min
Delta R.T.: -0.004 min
Response: 199829742
Conc: 80.50 ug/ml



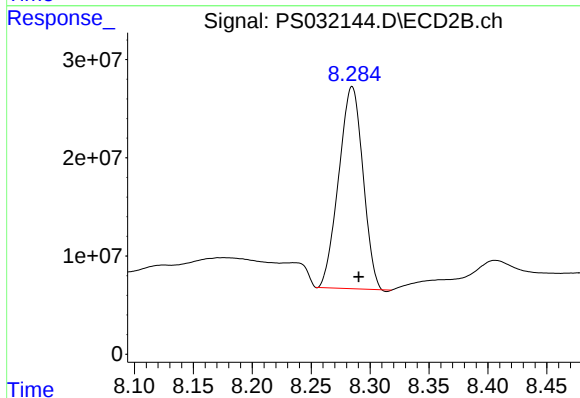
#7 MCPA

R.T.: 7.790 min
Delta R.T.: -0.008 min
Response: 1194685171
Conc: 81.18 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

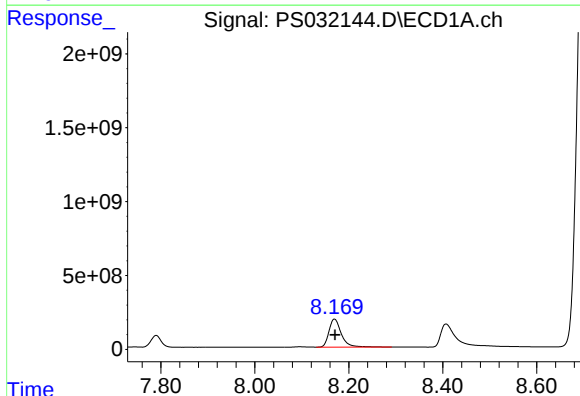
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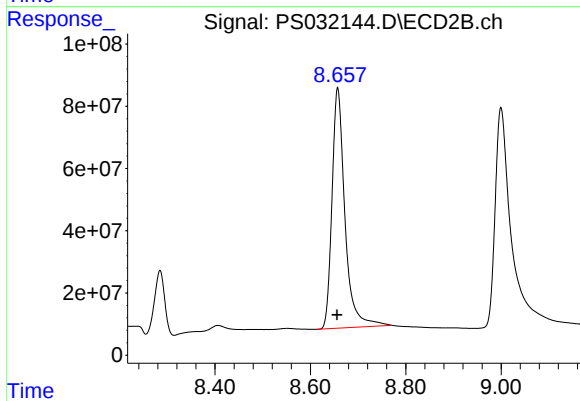
#7 MCPA

R.T.: 8.284 min
Delta R.T.: -0.006 min
Response: 294225359
Conc: 78.00 ug/ml



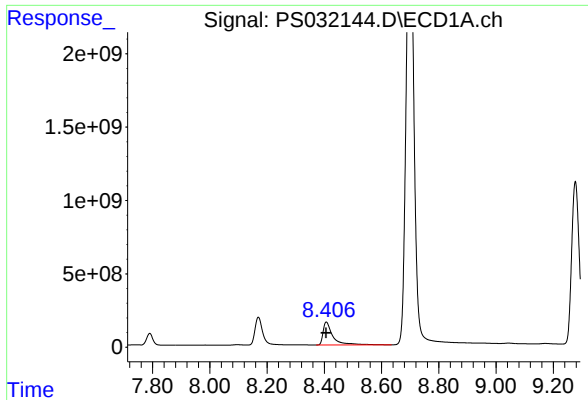
#8 DICHLORPROP

R.T.: 8.170 min
Delta R.T.: -0.001 min
Response: 3466188543
Conc: 729.09 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: 0.002 min
Response: 1456991258
Conc: 744.02 ng/ml



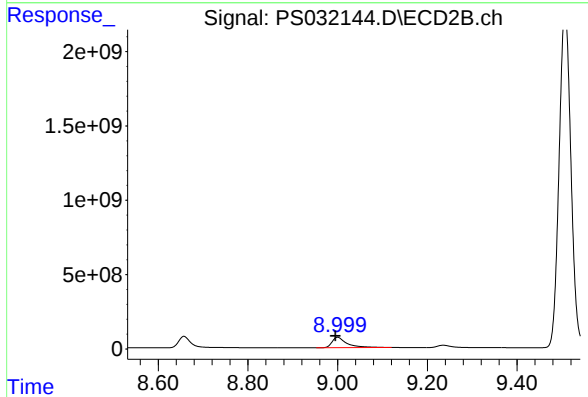
#9 2,4-D

R.T.: 8.407 min
Delta R.T.: 0.000 min
Response: 3709965086
Conc: 764.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

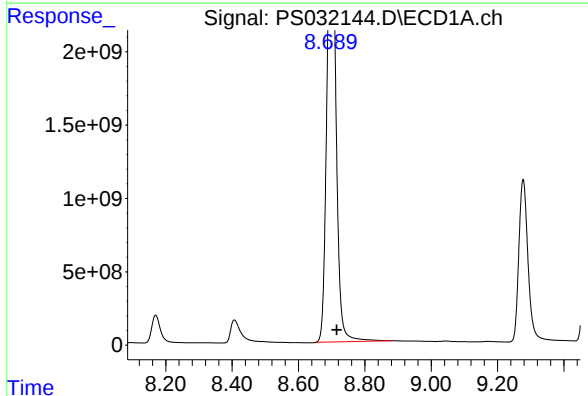
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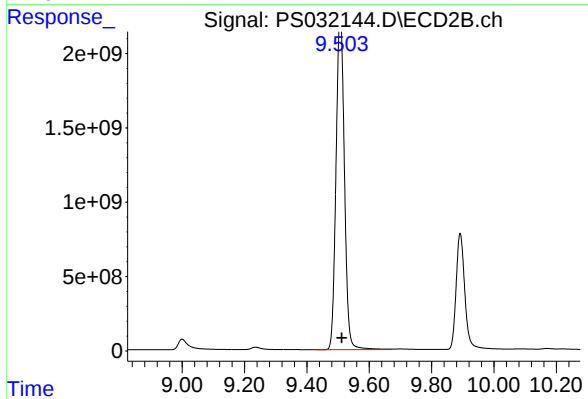
#9 2,4-D

R.T.: 9.000 min
Delta R.T.: 0.005 min
Response: 1618879373
Conc: 778.94 ng/ml



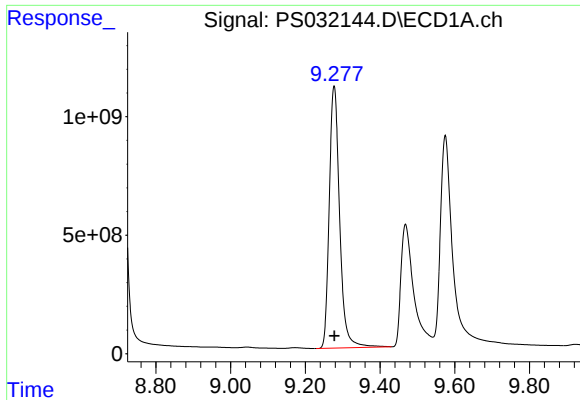
#10 Pentachlorophenol

R.T.: 8.702 min
Delta R.T.: -0.013 min
Response: 50305834433
Conc: 749.50 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.005 min
Response: 41582602489
Conc: 802.38 ng/ml



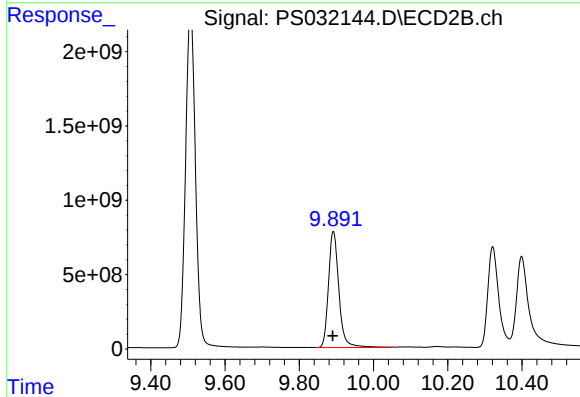
#11 2,4,5-TP (SILVEX)

R.T.: 9.277 min
Delta R.T.: -0.001 min
Response: 21364807012
Conc: 756.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

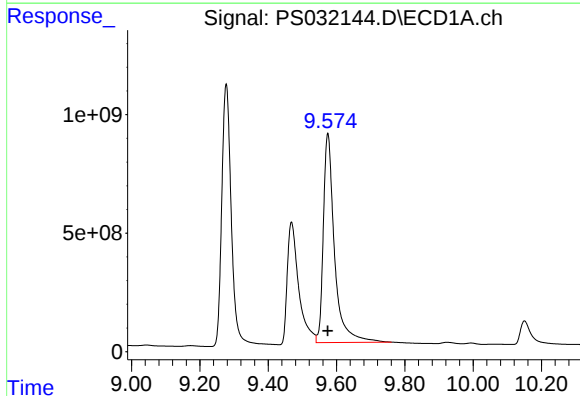
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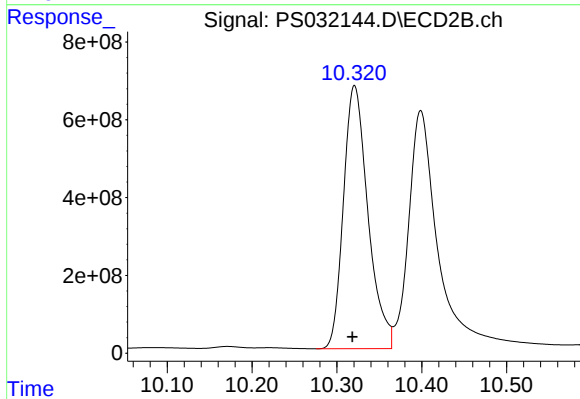
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: 0.002 min
Response: 15191623025
Conc: 756.75 ng/ml



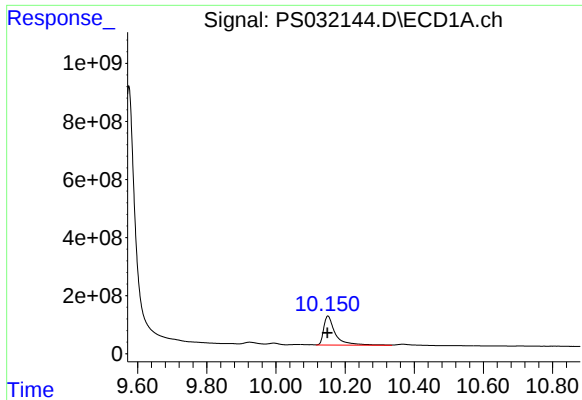
#12 2,4,5-T

R.T.: 9.575 min
Delta R.T.: 0.000 min
Response: 20073804614
Conc: 795.18 ng/ml



#12 2,4,5-T

R.T.: 10.321 min
Delta R.T.: 0.003 min
Response: 13603329062
Conc: 793.44 ng/ml



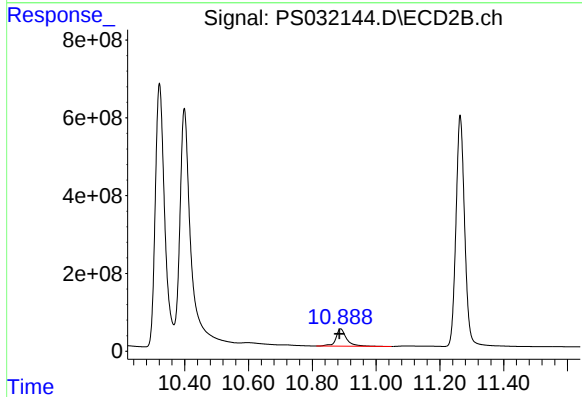
#13 2,4-DB

R.T.: 10.150 min
Delta R.T.: 0.001 min
Response: 2353370212
Conc: 759.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

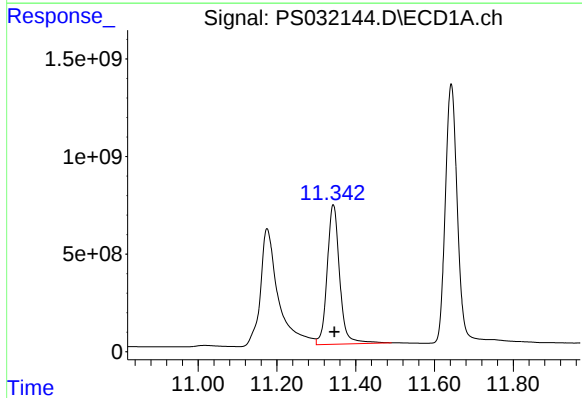
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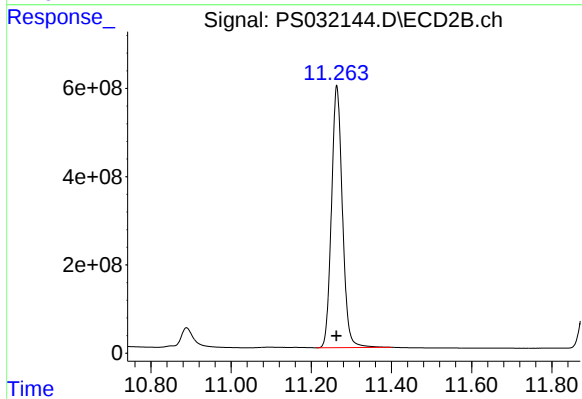
#13 2,4-DB

R.T.: 10.889 min
Delta R.T.: 0.004 min
Response: 1028048128
Conc: 795.65 ng/ml



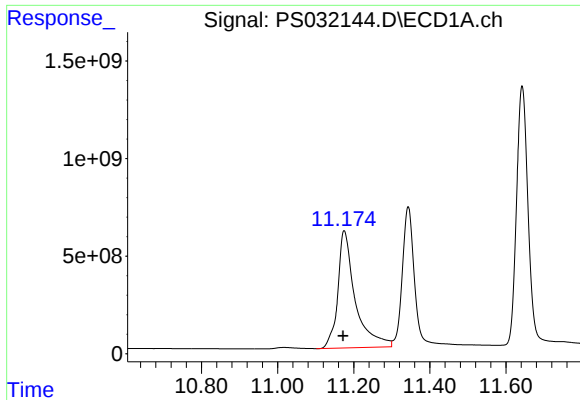
#14 DINOSEB

R.T.: 11.343 min
Delta R.T.: -0.003 min
Response: 15745214899
Conc: 706.04 ng/ml



#14 DINOSEB

R.T.: 11.264 min
Delta R.T.: 0.000 min
Response: 11228398921
Conc: 738.56 ng/ml



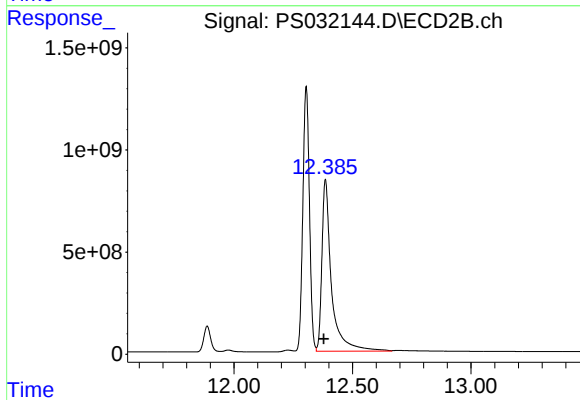
#15 Picloram

R.T.: 11.175 min
Delta R.T.: 0.003 min
Response: 19049948311
Conc: 807.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

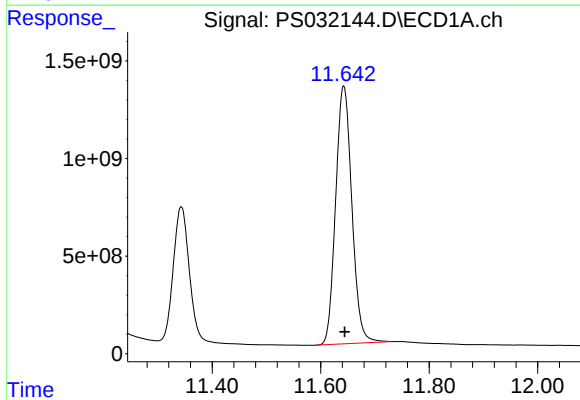
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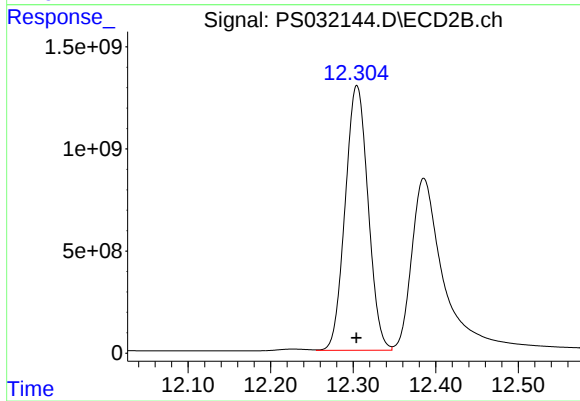
#15 Picloram

R.T.: 12.386 min
Delta R.T.: 0.007 min
Response: 23718365773
Conc: 712.43 ng/ml



#16 DCPA

R.T.: 11.643 min
Delta R.T.: -0.002 min
Response: 27407409658
Conc: 745.98 ng/ml



#16 DCPA

R.T.: 12.305 min
Delta R.T.: 0.000 min
Response: 24953817475
Conc: 751.36 ng/ml