

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
 Data File : PS031031.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2025 17:57
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/16/2025
 Supervised By :mohammad ahmed 07/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 02:22:11 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	7.330	7.768	2790.6E6	711.7E6	705.580	686.981
Target Compounds							
1) T	Dalapon	2.697	2.707	3728.7E6	1670.5E6	612.098	587.610
2) T	3,5-DICHL...	6.492	6.715	3602.4E6	978.5E6	687.665	631.122
3) T	4-Nitroph...	7.129	7.301	1017.7E6	1130.8E6	753.857m	648.429
5) T	DICAMBA	7.520	7.970	9472.0E6	4191.4E6	603.664	647.181
6) T	MCPD	7.700	8.070	608.6E6	129.0E6	66.141m	60.333
7) T	MCPA	7.850	8.318	762.7E6	215.5E6	69.927m	67.217
8) T	DICHLORPROP	8.231	8.690	2764.4E6	1107.9E6	811.831	729.213
9) T	2,4-D	8.463	9.026	2464.5E6	1307.7E6	800.555m	769.485
10) T	Pentachlo...	8.769	9.550	37920.9E6	26909.4E6	754.471m	698.310
11) T	2,4,5-TP ...	9.349	9.931	14717.5E6	10273.8E6	790.806m	700.051
12) T	2,4,5-T	9.643	10.357	12021.5E6	9203.3E6	790.196m	657.766
13) T	2,4-DB	10.222	10.925	1556.5E6	778.5E6	717.022	657.944
14) T	DINOSEB	11.436	11.310	10081.0E6	7543.6E6	764.643m	664.544
15) T	Picloram	11.246	12.419	14334.4E6	16908.0E6	983.696m	720.080 #
16) T	DCPA	11.732	12.354	18815.2E6	15402.6E6	786.022m	682.984

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

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Data File : PS031031.D
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Acq On : 15 Jul 2025 17:57
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

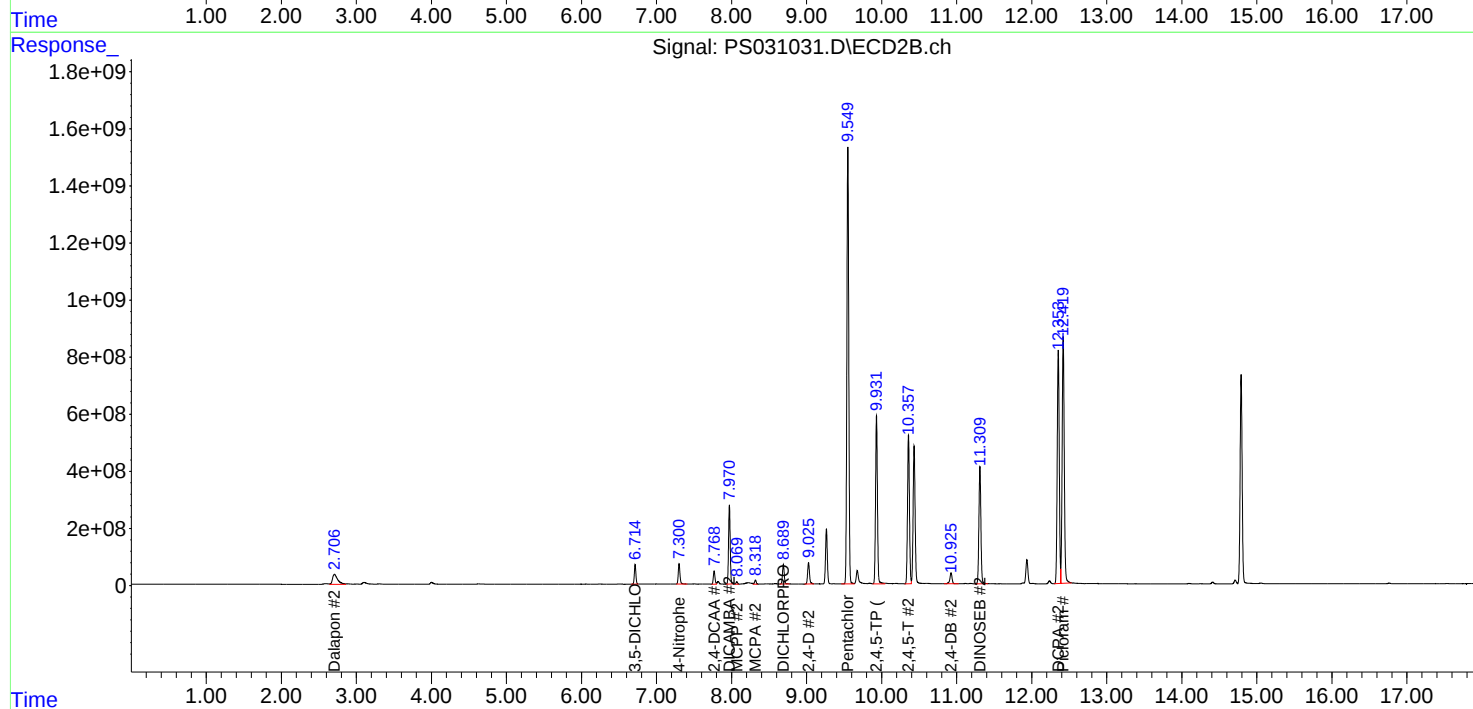
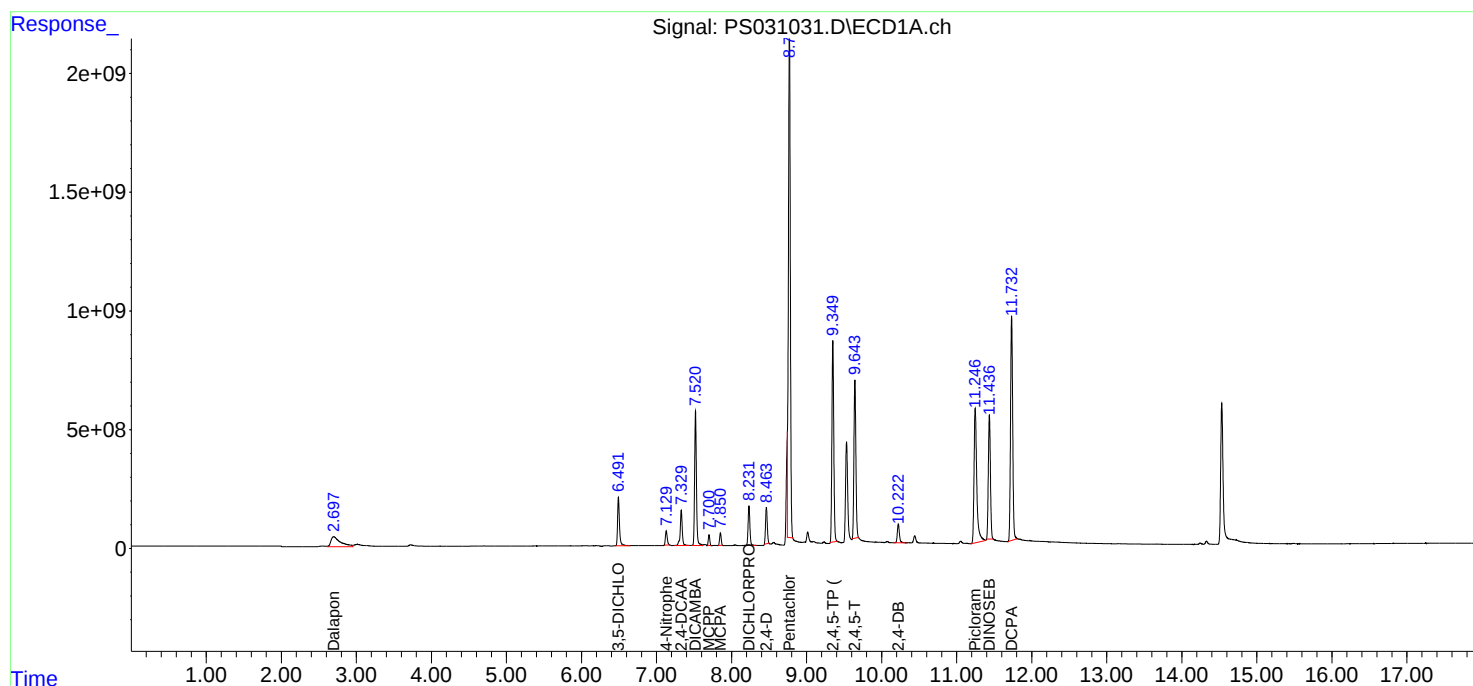
Instrument :
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ClientSampleId :
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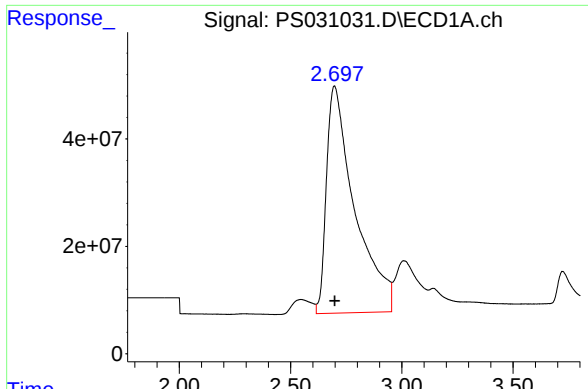
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Integration File signal 1: autoint1.e
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.697 min
Delta R.T.: 0.000 min
Response: 3728731452
Conc: 612.10 ng/ml

Instrument :

ECD_S

ClientSampleId :

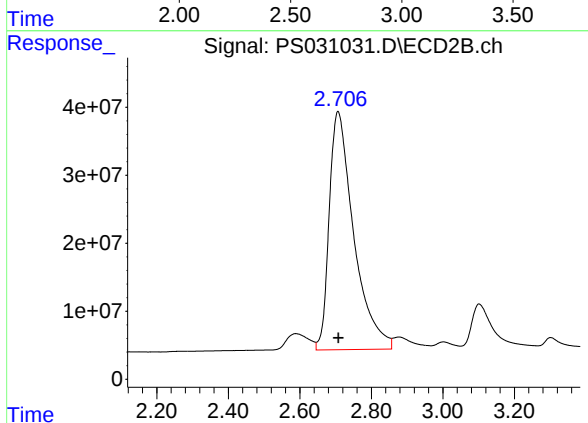
HSTDCCC750

Manual Integrations

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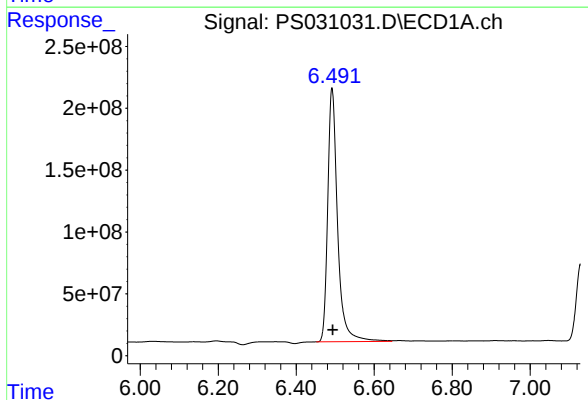
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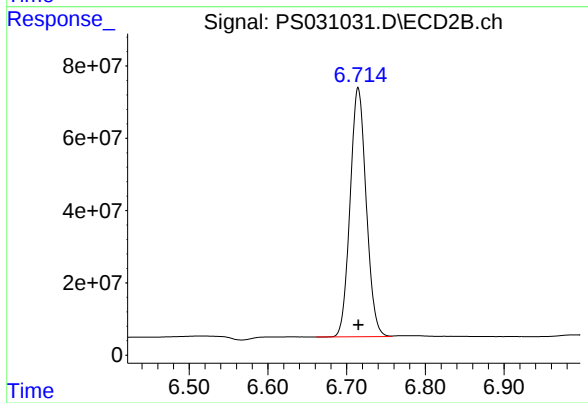
#1 Dalapon

R.T.: 2.707 min
Delta R.T.: -0.002 min
Response: 1670491745
Conc: 587.61 ng/ml



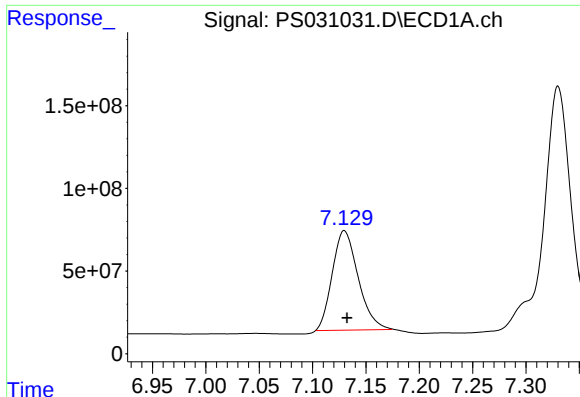
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.492 min
Delta R.T.: -0.002 min
Response: 3602402554
Conc: 687.67 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 978451864
Conc: 631.12 ng/ml



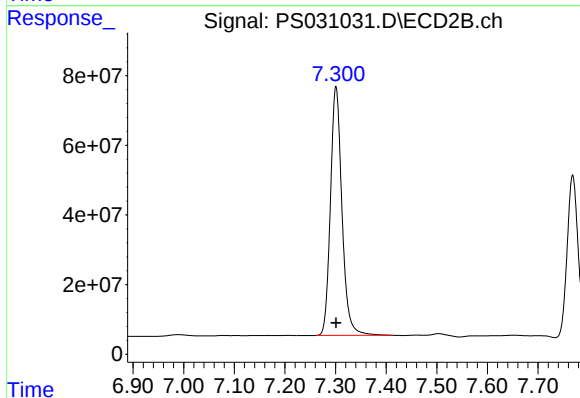
#3 4-Nitrophenol

R.T.: 7.129 min
Delta R.T.: -0.003 min
Response: 1017713247
Conc: 753.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

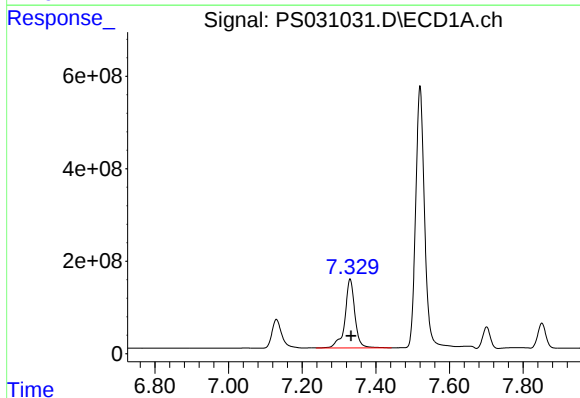
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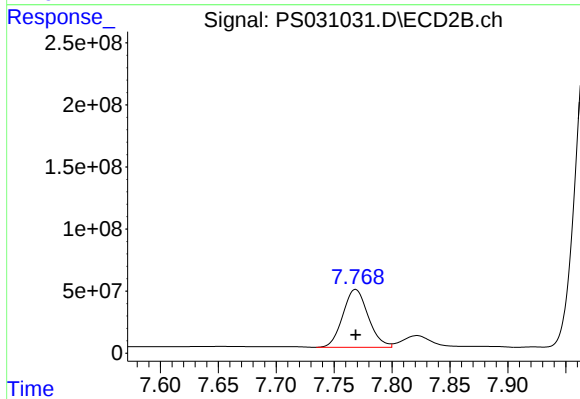
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 1130787269
Conc: 648.43 ng/ml



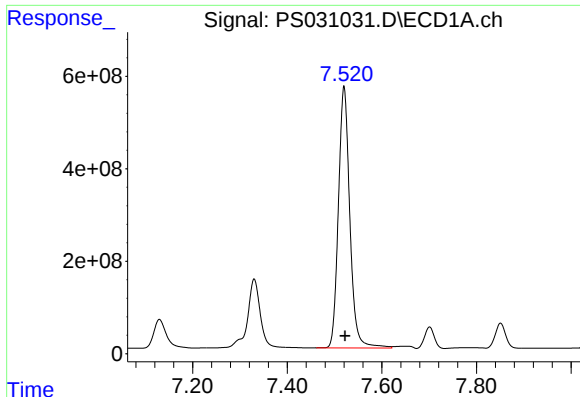
#4 2,4-DCAA

R.T.: 7.330 min
Delta R.T.: -0.003 min
Response: 2790621826
Conc: 705.58 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 711735045
Conc: 686.98 ng/ml



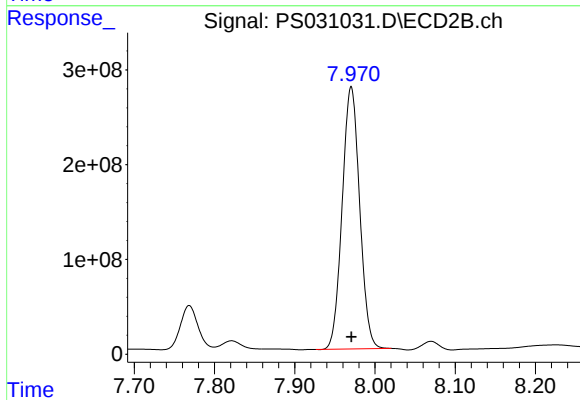
#5 DICAMBA

R.T.: 7.520 min
Delta R.T.: -0.002 min
Response: 9472038744
Conc: 603.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

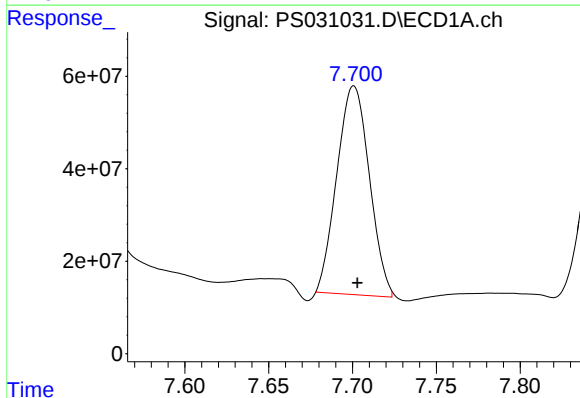
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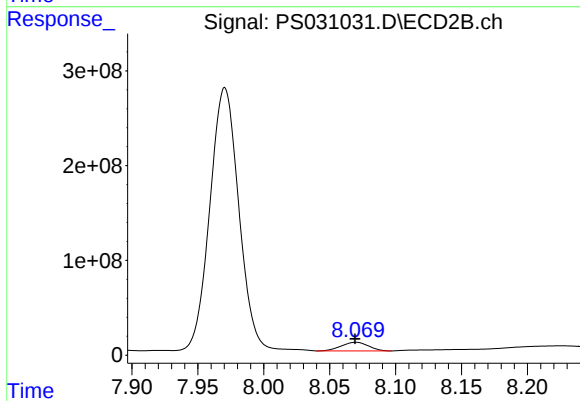
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 4191415387
Conc: 647.18 ng/ml



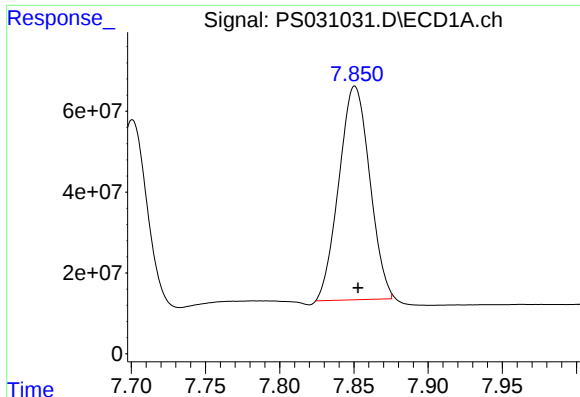
#6 MCPP

R.T.: 7.700 min
Delta R.T.: -0.003 min
Response: 608579545
Conc: 66.14 ug/ml m



#6 MCPP

R.T.: 8.070 min
Delta R.T.: 0.000 min
Response: 128988093
Conc: 60.33 ug/ml



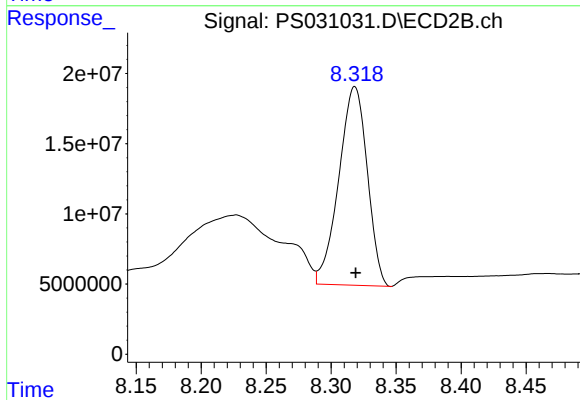
#7 MCPA

R.T.: 7.850 min
Delta R.T.: -0.003 min
Response: 762681050
Conc: 69.93 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

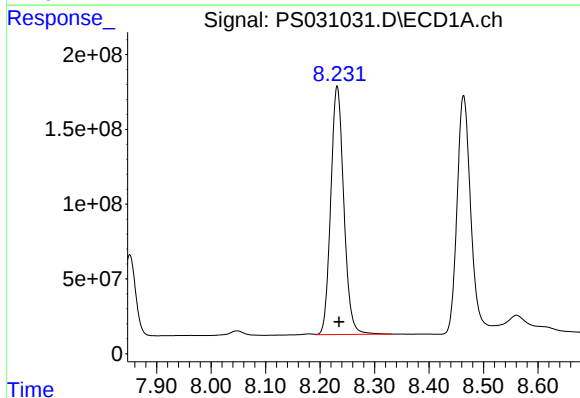
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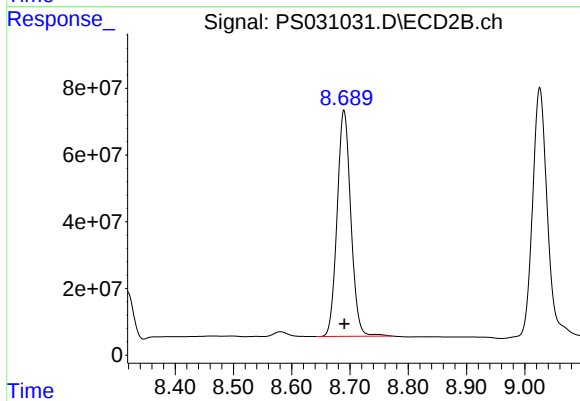
#7 MCPA

R.T.: 8.318 min
Delta R.T.: 0.000 min
Response: 215475599
Conc: 67.22 ug/ml



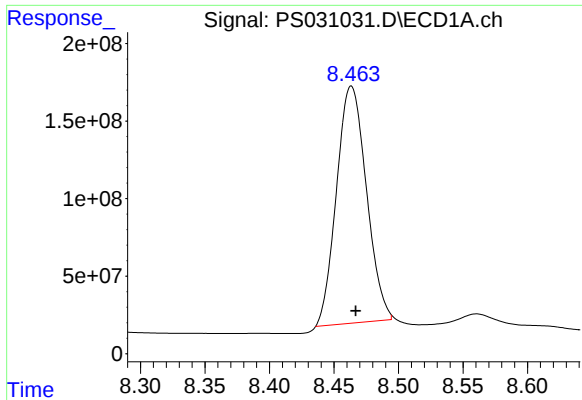
#8 DICHLORPROP

R.T.: 8.231 min
Delta R.T.: -0.003 min
Response: 2764409629
Conc: 811.83 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 1107865019
Conc: 729.21 ng/ml



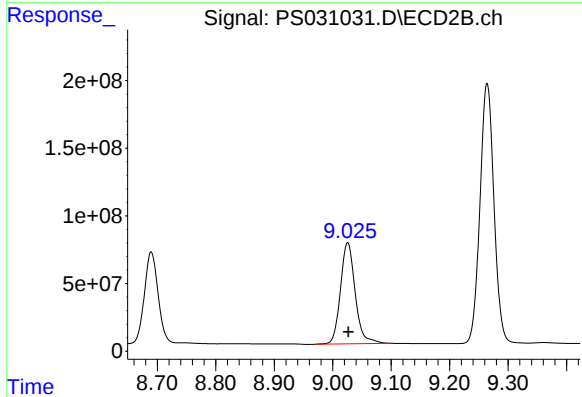
#9 2,4-D

R.T.: 8.463 min
Delta R.T.: -0.004 min
Response: 2464455884
Conc: 800.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

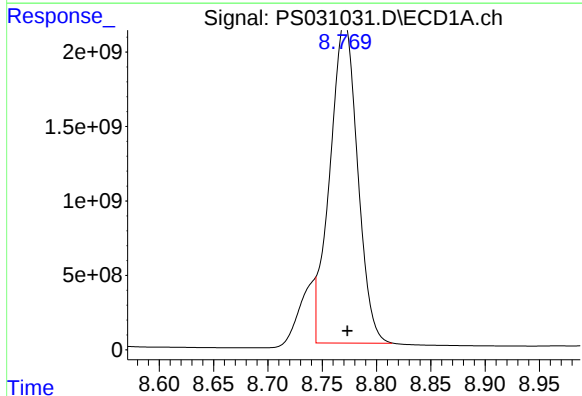
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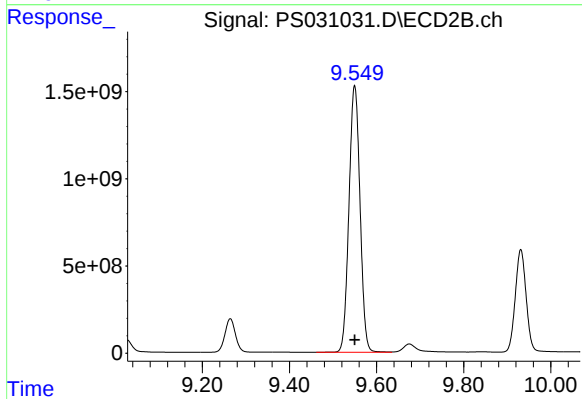
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: -0.001 min
Response: 1307712613
Conc: 769.49 ng/ml



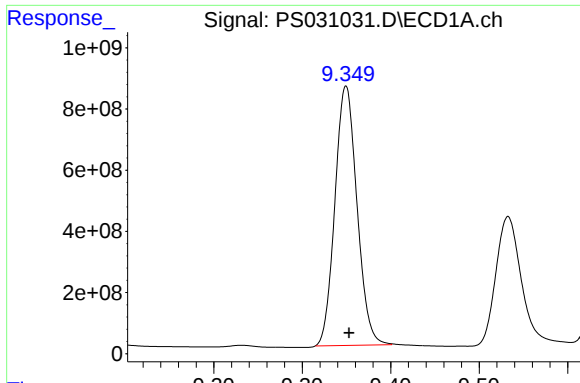
#10 Pentachlorophenol

R.T.: 8.769 min
Delta R.T.: -0.005 min
Response: 37920903498
Conc: 754.47 ng/ml m



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: 0.000 min
Response: 26909421324
Conc: 698.31 ng/ml



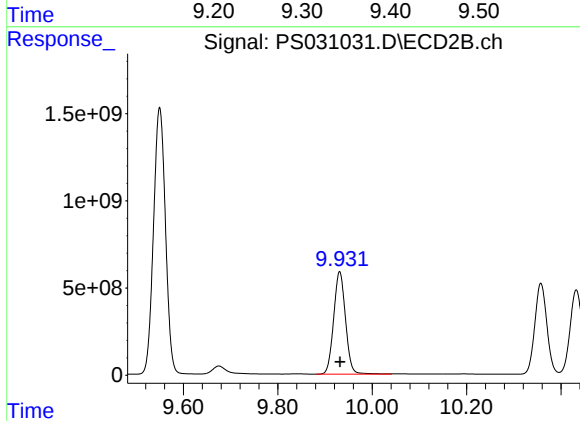
#11 2,4,5-TP (SILVEX)

R.T.: 9.349 min
Delta R.T.: -0.004 min
Response: 14717477537
Conc: 790.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

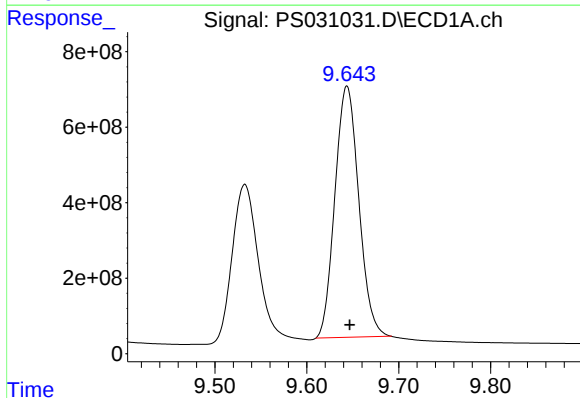
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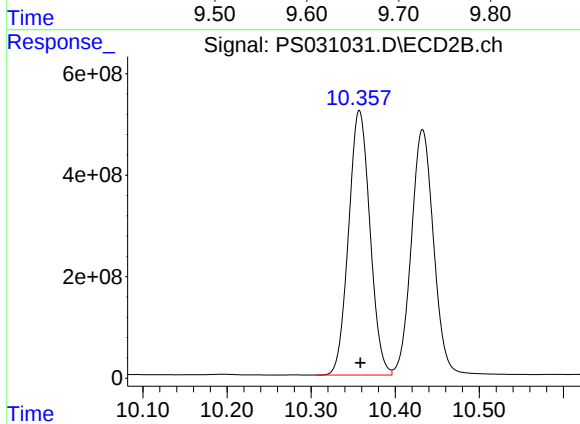
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 10273792543
Conc: 700.05 ng/ml



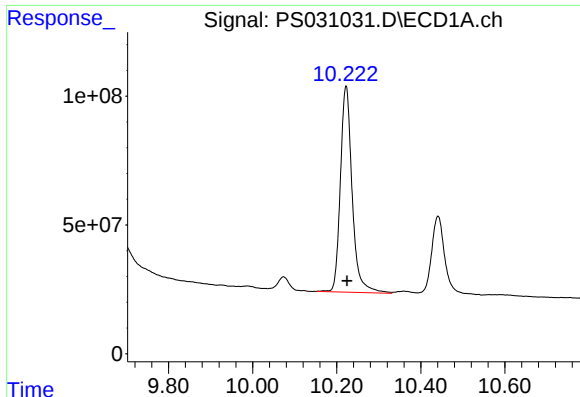
#12 2,4,5-T

R.T.: 9.643 min
Delta R.T.: -0.004 min
Response: 12021509178
Conc: 790.20 ng/ml m



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: -0.001 min
Response: 9203344511
Conc: 657.77 ng/ml



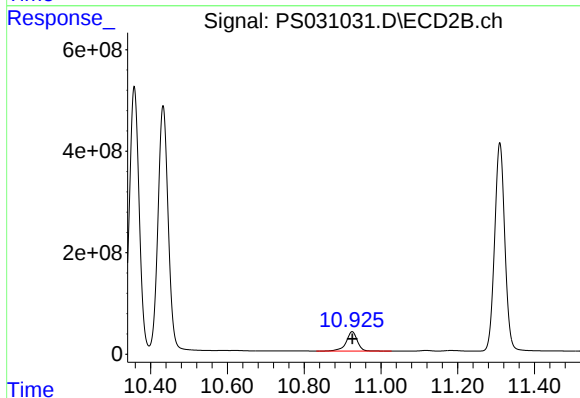
#13 2,4-DB

R.T.: 10.222 min
Delta R.T.: -0.003 min
Response: 1556504426
Conc: 717.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

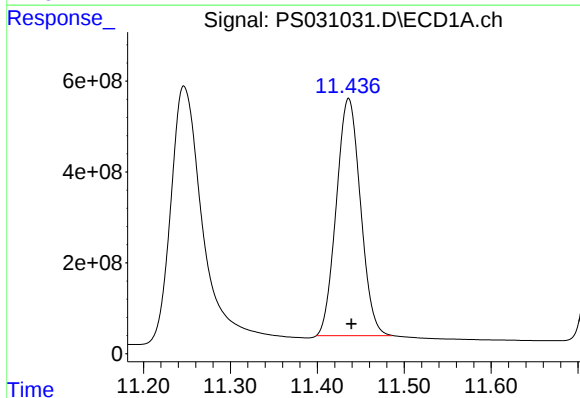
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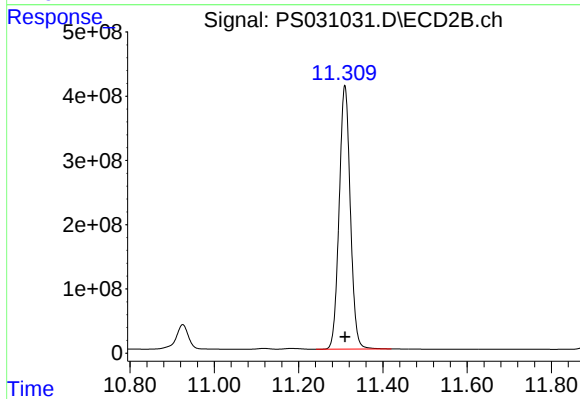
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 778467539
Conc: 657.94 ng/ml



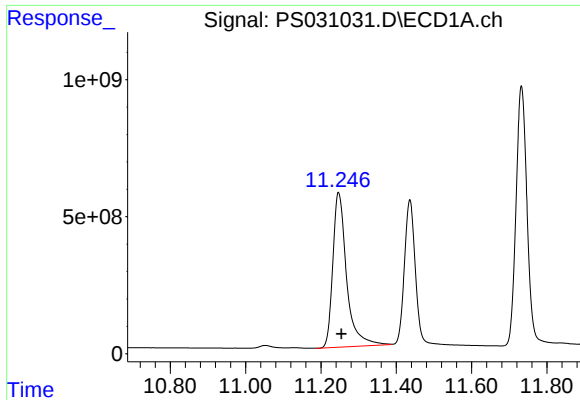
#14 DINOSEB

R.T.: 11.436 min
Delta R.T.: -0.004 min
Response: 10080978612
Conc: 764.64 ng/ml m



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 7543582272
Conc: 664.54 ng/ml



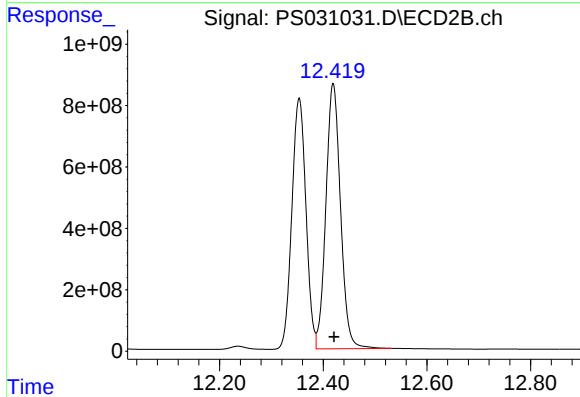
#15 Picloram

R.T.: 11.246 min
Delta R.T.: -0.008 min
Response: 14334361064
Conc: 983.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

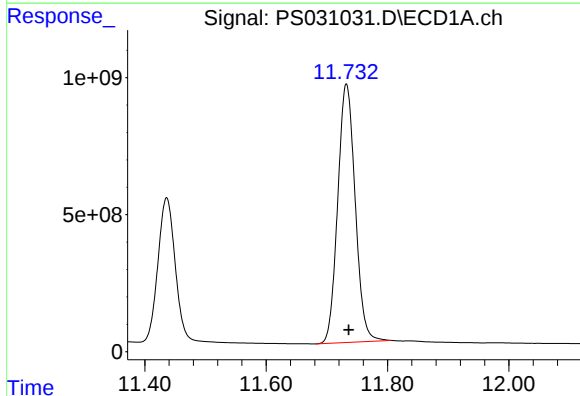
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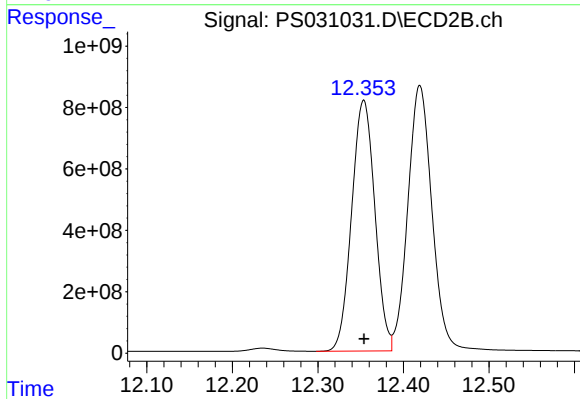
#15 Picloram

R.T.: 12.419 min
Delta R.T.: -0.002 min
Response: 16907962426
Conc: 720.08 ng/ml



#16 DCPA

R.T.: 11.732 min
Delta R.T.: -0.004 min
Response: 18815150947
Conc: 786.02 ng/ml m



#16 DCPA

R.T.: 12.354 min
Delta R.T.: 0.000 min
Response: 15402645908
Conc: 682.98 ng/ml