

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
 Data File : PS030467.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2025 22:35
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/03/2025
 Supervised By :mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 02 23:17:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 02 12:26:05 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	6.732	7.301	2931.9E6	940.1E6	723.495	738.807
Target Compounds						
1) T Dalapon	2.313	2.408	4310.5E6	2251.7E6	648.007	648.146
2) T 3,5-DICHL...	5.966	6.320	4072.1E6	1228.6E6	677.224	690.601
3) T 4-Nitroph...	6.526	6.840	1584.6E6	1079.4E6	680.761	672.967
5) T DICAMBA	6.903	7.482	11964.0E6	5590.8E6	692.129	706.806
6) T MCPP	7.083	7.593	790.7E6	212.7E6	71.543	70.458
7) T MCPA	7.223	7.820	997.4E6	281.5E6	70.442	69.479
8) T DICHLORPROP	7.569	8.167	2818.6E6	1324.3E6	682.102	702.351
9) T 2,4-D	7.785	8.475	3034.1E6	1425.1E6	693.764	695.713
10) T Pentachlo...	8.053	8.962	42263.2E6	29072.7E6	722.386	726.908
11) T 2,4,5-TP ...	8.608	9.343	17245.2E6	11607.1E6	700.544	709.203
12) T 2,4,5-T	8.883	9.743	15975.5E6	10511.7E6	714.806	711.936
13) T 2,4-DB	9.432	10.295	2582.5E6	964.2E6	737.031	701.533
14) T DINOSEB	10.571	10.663	12729.5E6	7775.3E6	682.664	685.832
15) T Picloram	10.394	11.682	20149.3E6	17555.5E6	732.915	701.817m
16) T DCPA	10.872	11.679	21693.3E6	14504.0E6	706.922	661.199m

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

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Acq On : 02 Jun 2025 22:35
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

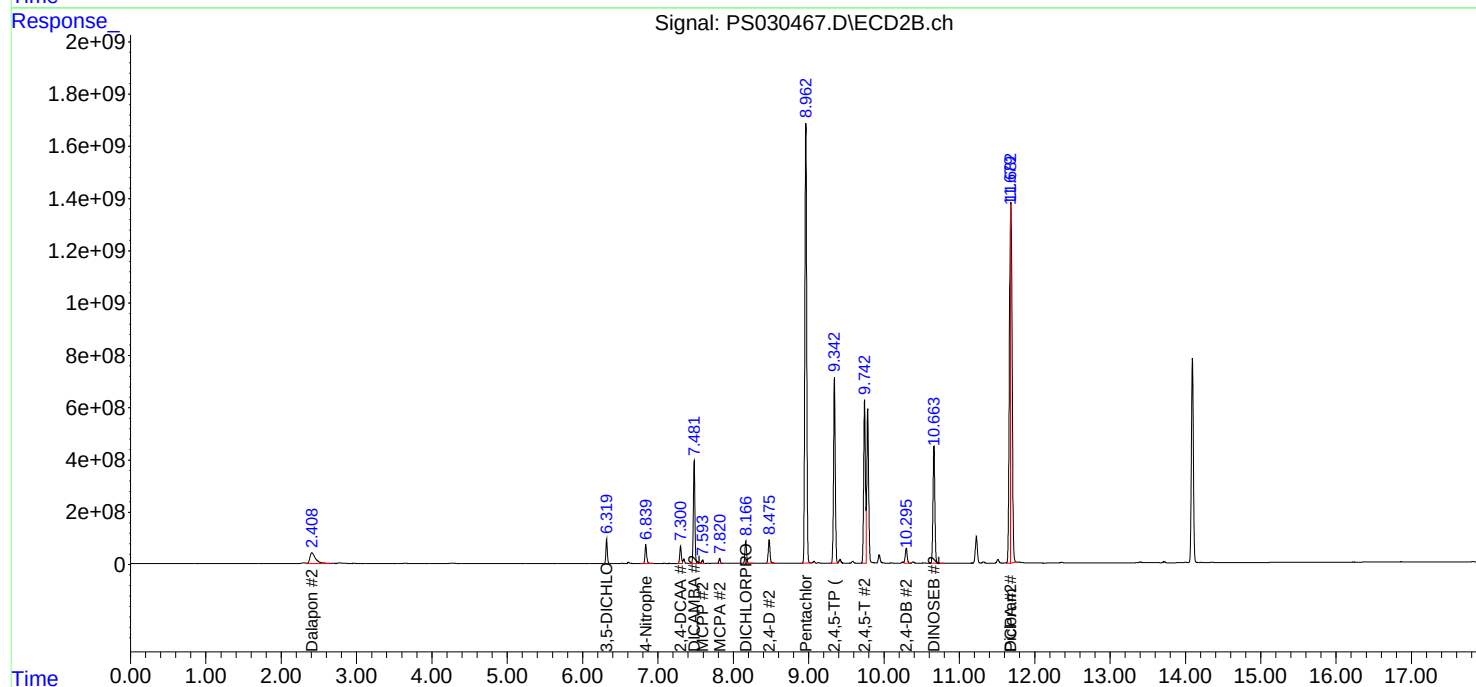
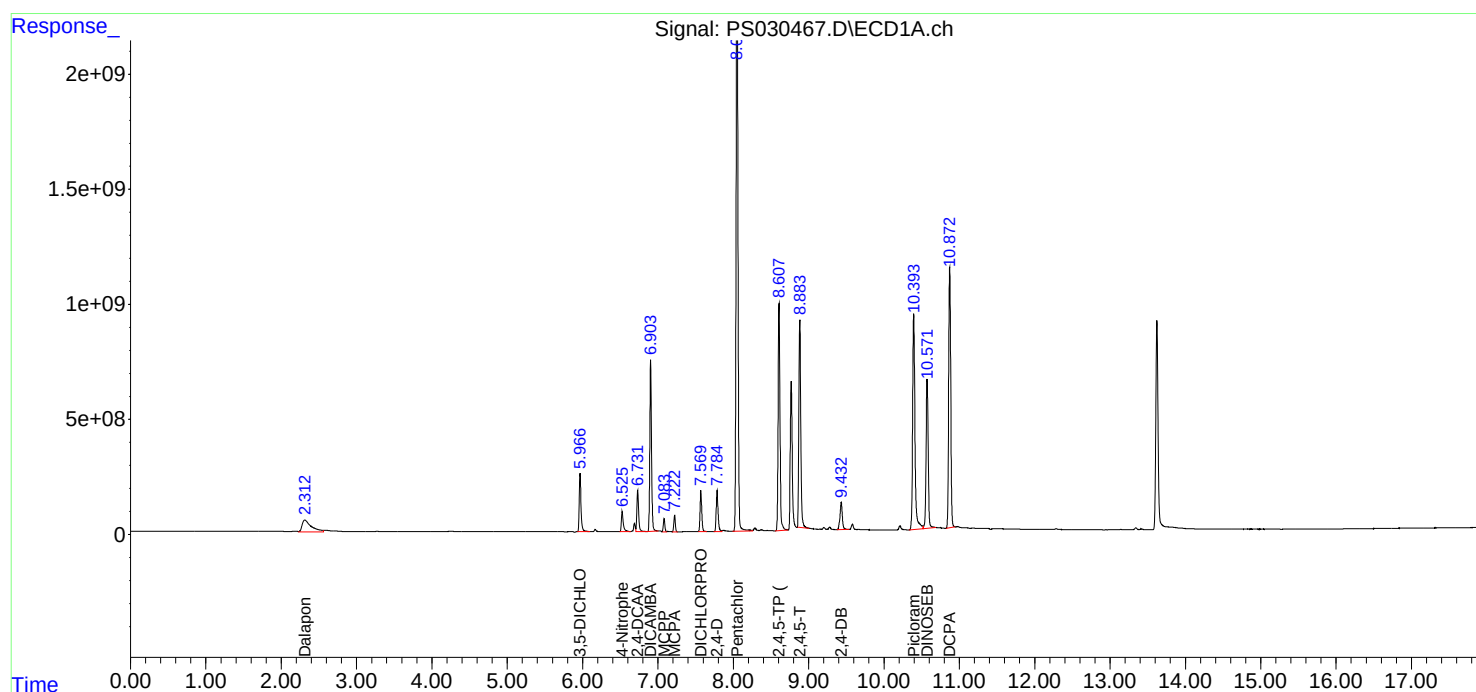
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

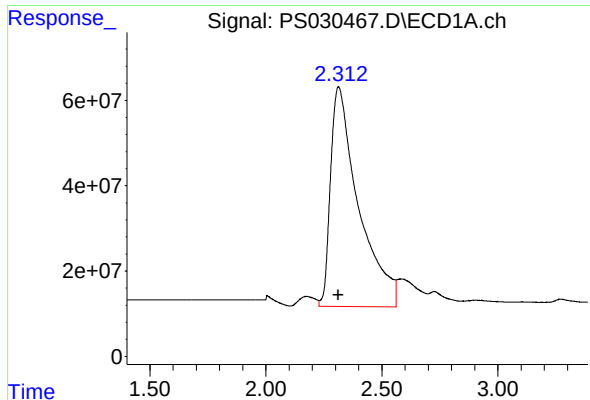
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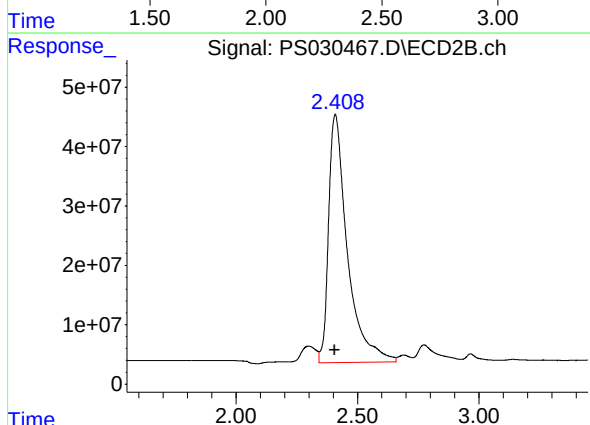
#1 Dalapon

R.T.: 2.313 min
Delta R.T.: 0.000 min
Response: 4310495957
Conc: 648.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

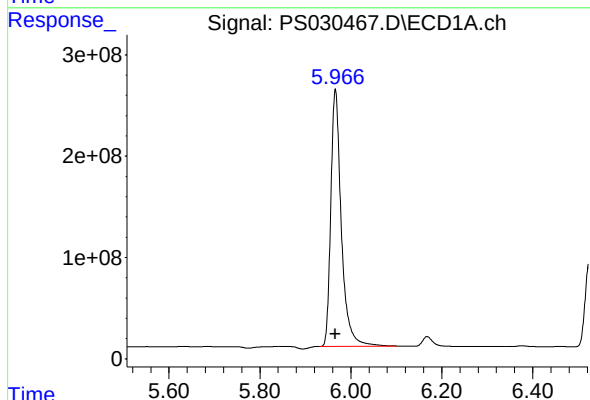
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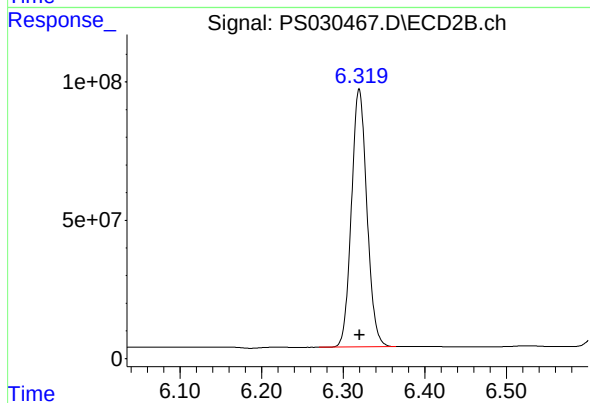
#1 Dalapon

R.T.: 2.408 min
Delta R.T.: 0.002 min
Response: 2251685672
Conc: 648.15 ng/ml



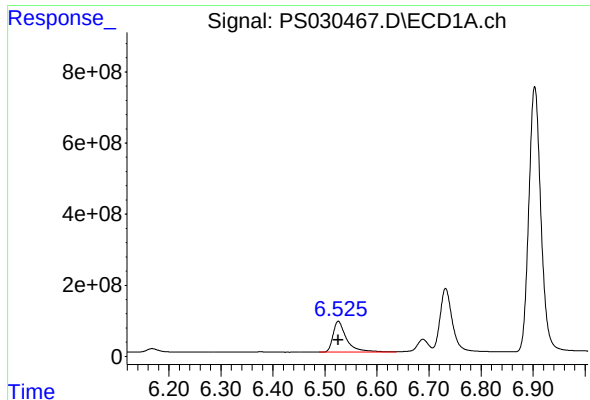
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 4072103546
Conc: 677.22 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 1228575232
Conc: 690.60 ng/ml



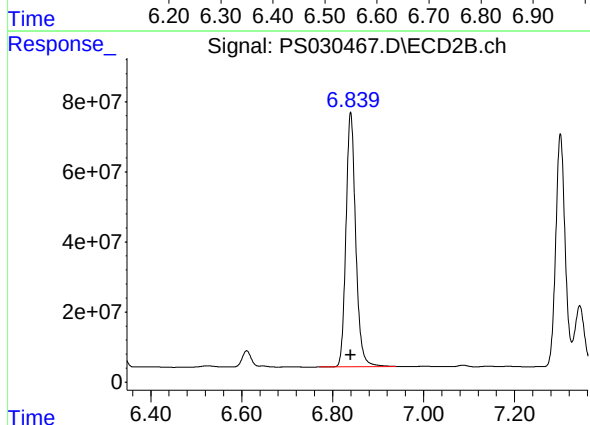
#3 4-Nitrophenol

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 1584561519
Conc: 680.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

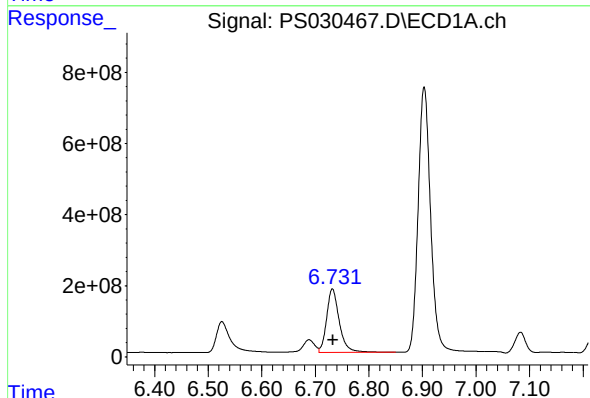
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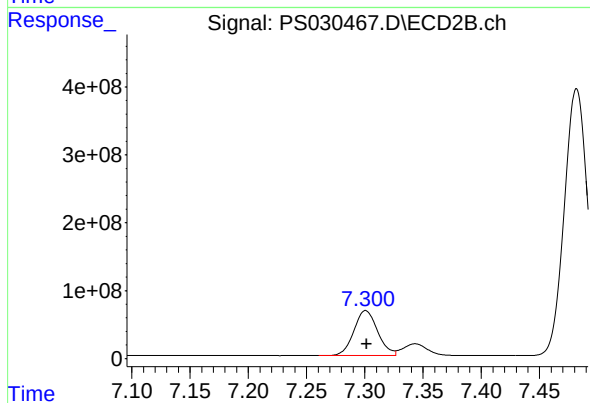
#3 4-Nitrophenol

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 1079449533
Conc: 672.97 ng/ml



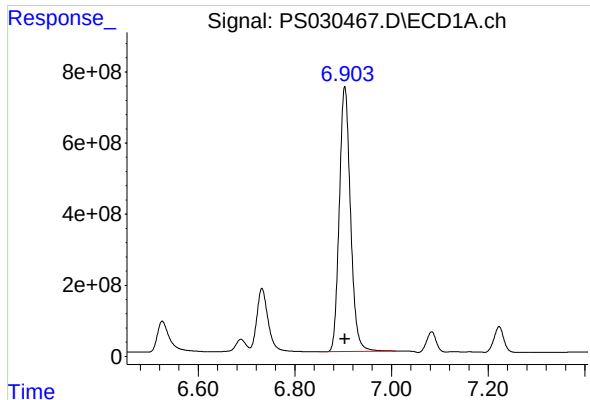
#4 2,4-DCAA

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 2931907181
Conc: 723.49 ng/ml



#4 2,4-DCAA

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 940105366
Conc: 738.81 ng/ml



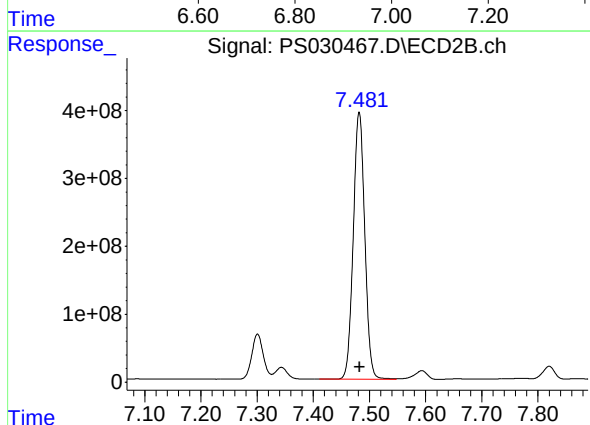
#5 DICAMBA

R.T.: 6.903 min
Delta R.T.: 0.000 min
Response: 11964049299
Conc: 692.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

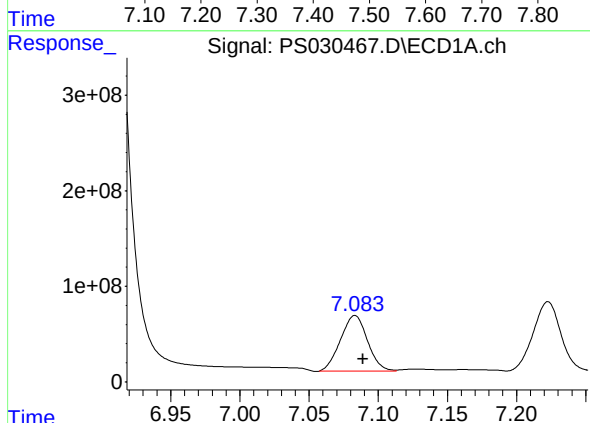
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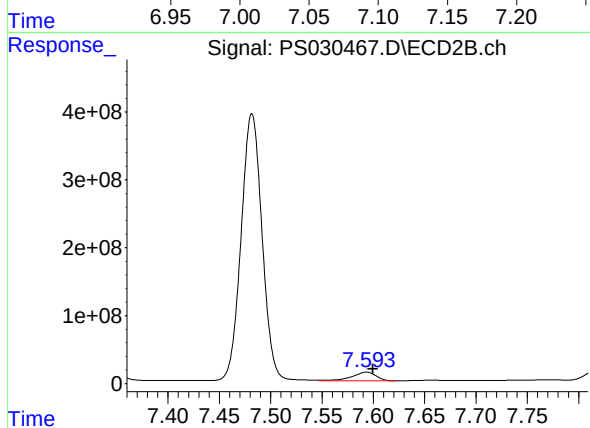
#5 DICAMBA

R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 5590822744
Conc: 706.81 ng/ml



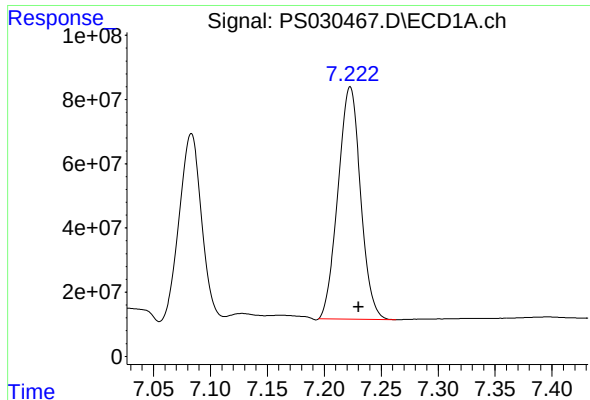
#6 MCPP

R.T.: 7.083 min
Delta R.T.: -0.006 min
Response: 790672951
Conc: 71.54 ug/ml



#6 MCPP

R.T.: 7.593 min
Delta R.T.: -0.006 min
Response: 212681407
Conc: 70.46 ug/ml



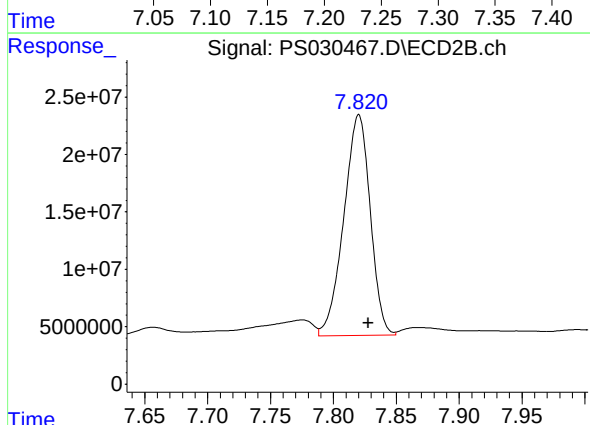
#7 MCPA

R.T.: 7.223 min
Delta R.T.: -0.008 min
Response: 997434272
Conc: 70.44 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

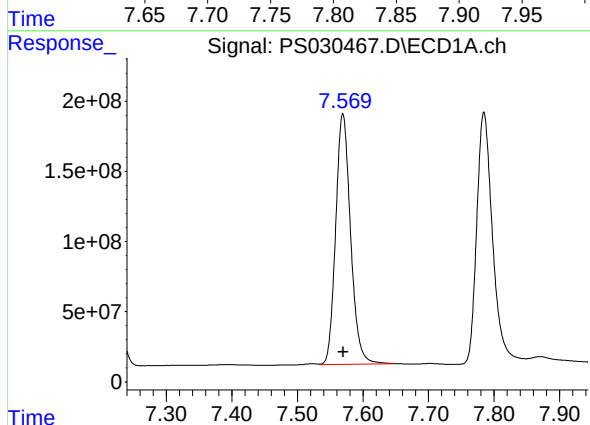
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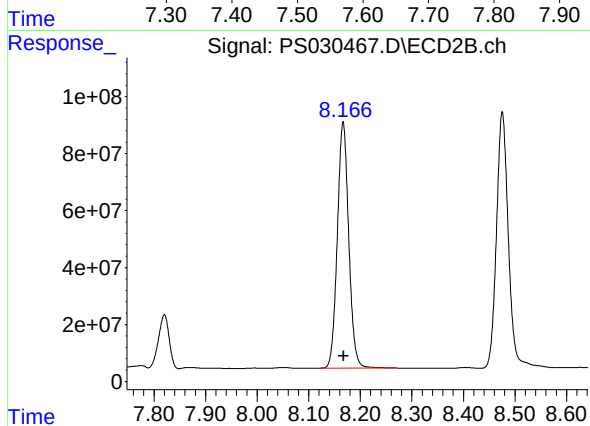
#7 MCPA

R.T.: 7.820 min
Delta R.T.: -0.008 min
Response: 281521984
Conc: 69.48 ug/ml



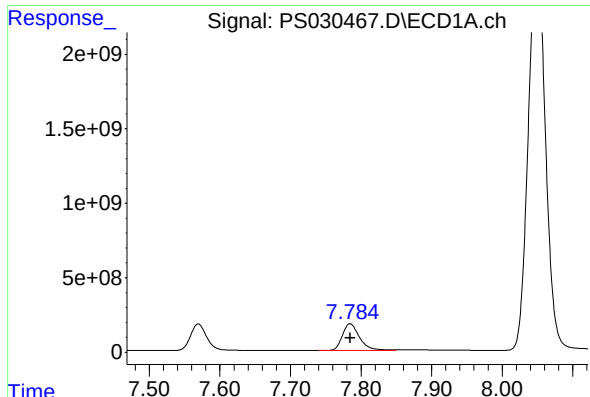
#8 DICHLORPROP

R.T.: 7.569 min
Delta R.T.: 0.000 min
Response: 2818563426
Conc: 682.10 ng/ml



#8 DICHLORPROP

R.T.: 8.167 min
Delta R.T.: -0.001 min
Response: 1324250464
Conc: 702.35 ng/ml



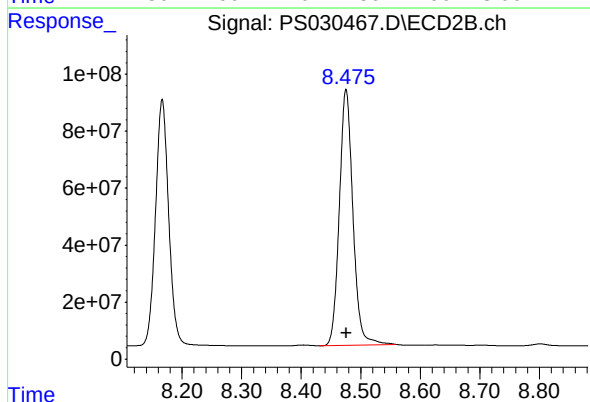
#9 2,4-D

R.T.: 7.785 min
Delta R.T.: 0.000 min
Response: 3034055942
Conc: 693.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

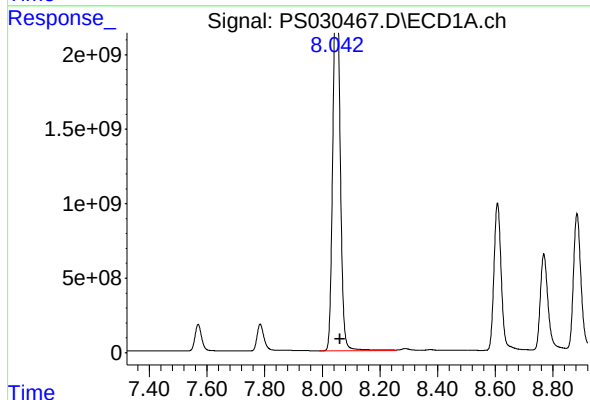
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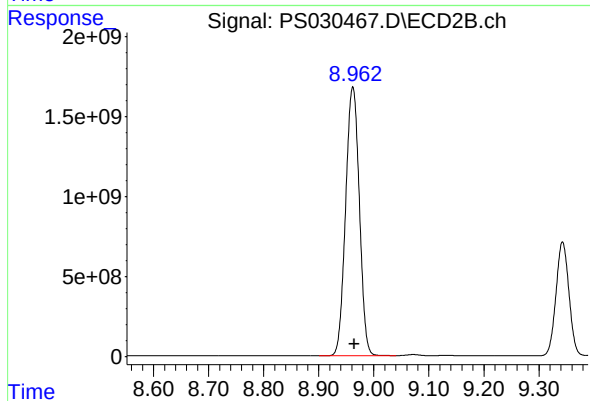
#9 2,4-D

R.T.: 8.475 min
Delta R.T.: 0.000 min
Response: 1425104226
Conc: 695.71 ng/ml



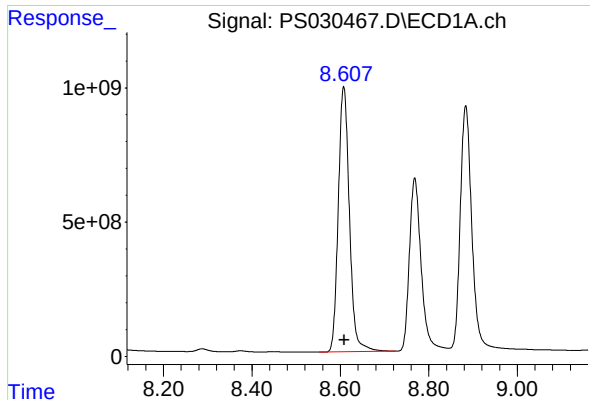
#10 Pentachlorophenol

R.T.: 8.053 min
Delta R.T.: -0.008 min
Response: 42263245628
Conc: 722.39 ng/ml



#10 Pentachlorophenol

R.T.: 8.962 min
Delta R.T.: -0.003 min
Response: 29072740618
Conc: 726.91 ng/ml



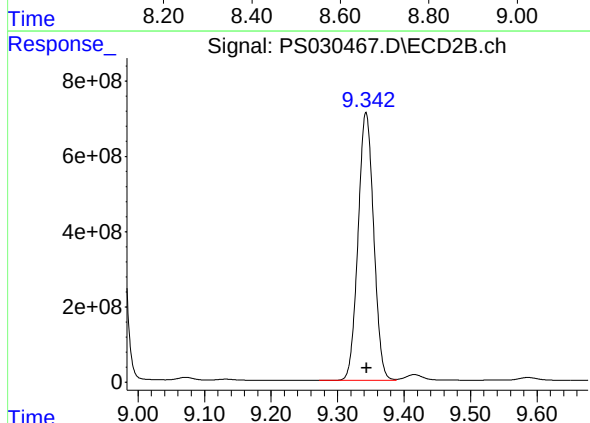
#11 2,4,5-TP (SILVEX)

R.T.: 8.608 min
Delta R.T.: -0.001 min
Response: 17245247083
Conc: 700.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

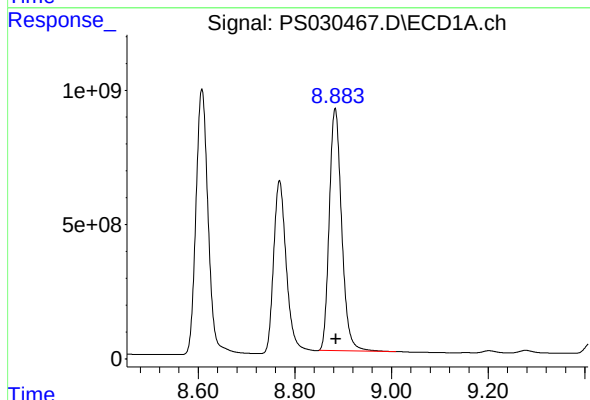
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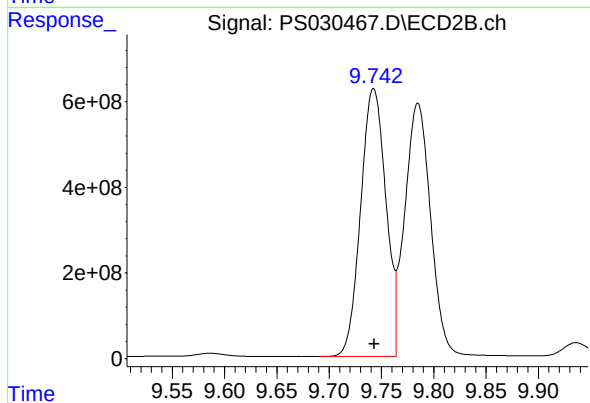
#11 2,4,5-TP (SILVEX)

R.T.: 9.343 min
Delta R.T.: -0.001 min
Response: 11607075558
Conc: 709.20 ng/ml



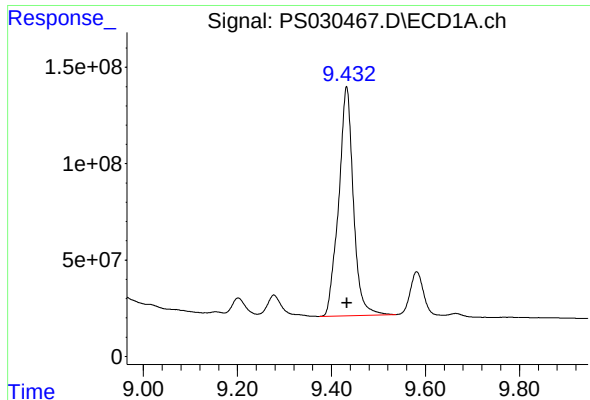
#12 2,4,5-T

R.T.: 8.883 min
Delta R.T.: -0.002 min
Response: 15975482283
Conc: 714.81 ng/ml



#12 2,4,5-T

R.T.: 9.743 min
Delta R.T.: 0.000 min
Response: 10511713012
Conc: 711.94 ng/ml



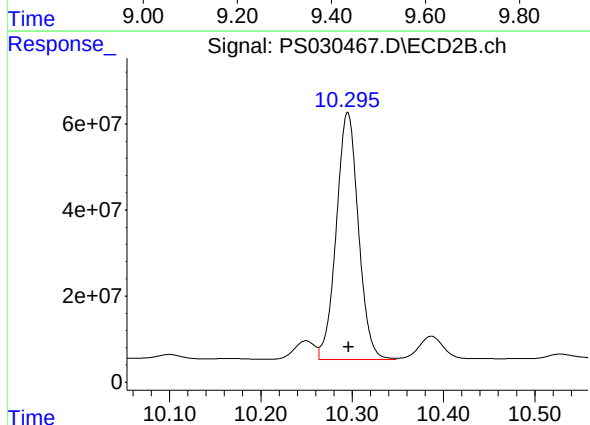
#13 2,4-DB

R.T.: 9.432 min
Delta R.T.: 0.000 min
Response: 2582492582
Conc: 737.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

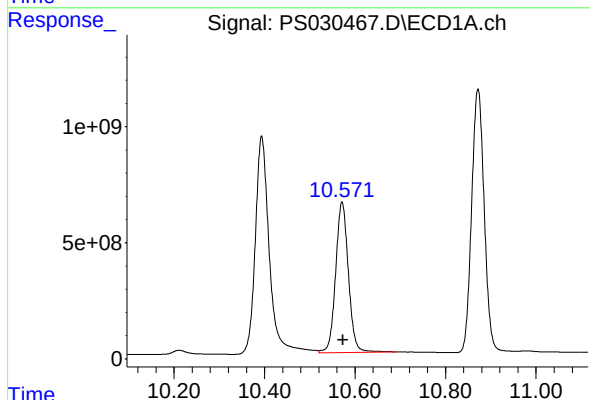
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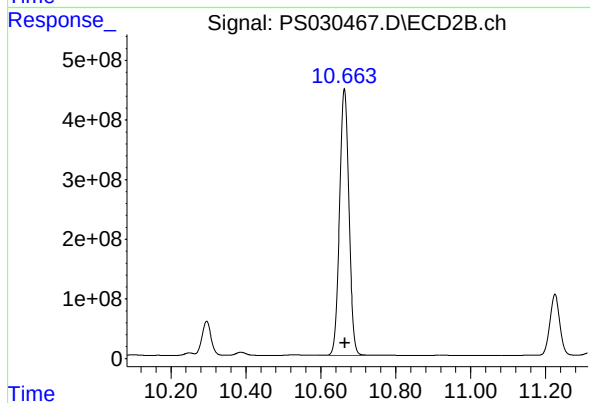
#13 2,4-DB

R.T.: 10.295 min
Delta R.T.: -0.001 min
Response: 964188388
Conc: 701.53 ng/ml



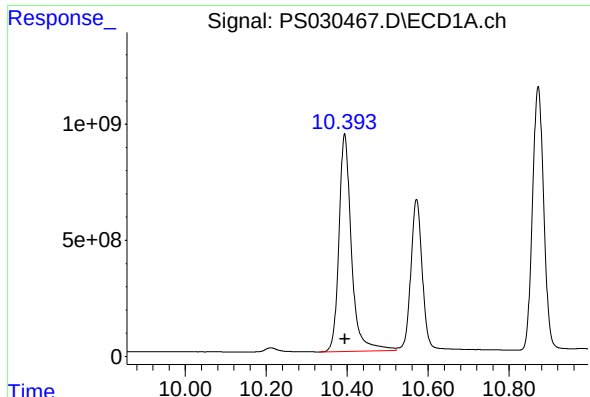
#14 DINOSEB

R.T.: 10.571 min
Delta R.T.: -0.002 min
Response: 12729471807
Conc: 682.66 ng/ml



#14 DINOSEB

R.T.: 10.663 min
Delta R.T.: -0.001 min
Response: 7775256608
Conc: 685.83 ng/ml



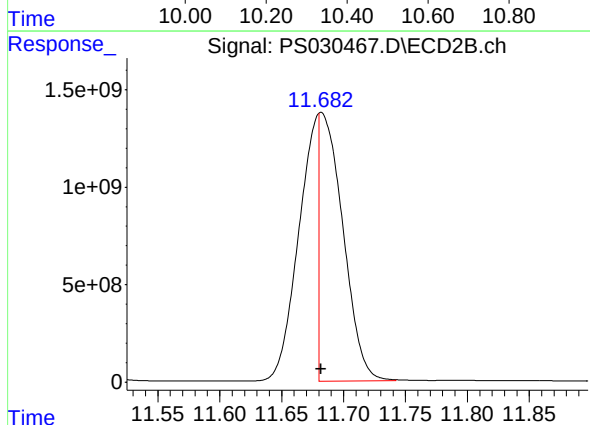
#15 Picloram

R.T.: 10.394 min
Delta R.T.: 0.000 min
Response: 20149305943
Conc: 732.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

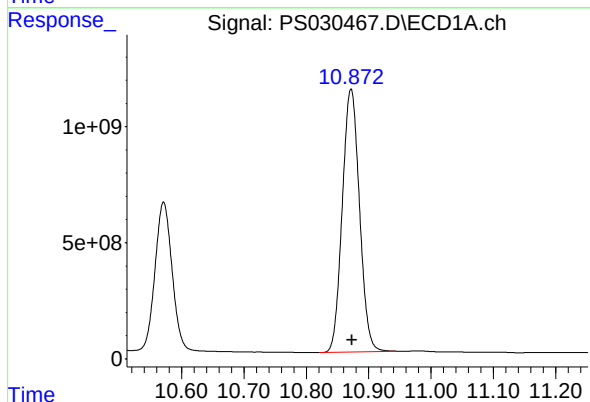
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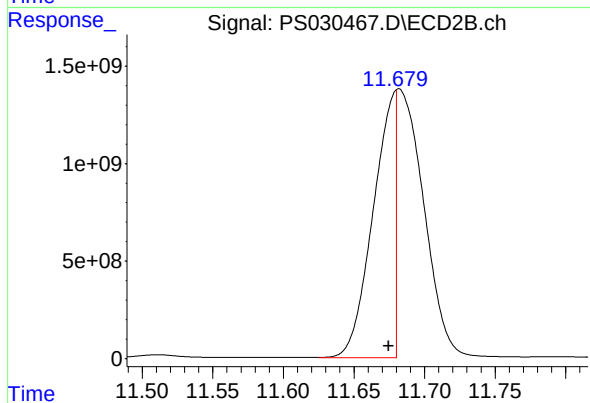
#15 Picloram

R.T.: 11.682 min
Delta R.T.: 0.000 min
Response: 17555524882
Conc: 701.82 ng/ml m



#16 DCPA

R.T.: 10.872 min
Delta R.T.: -0.002 min
Response: 21693267094
Conc: 706.92 ng/ml



#16 DCPA

R.T.: 11.679 min
Delta R.T.: 0.005 min
Response: 14504003433
Conc: 661.20 ng/ml m