

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061225\
 Data File : PS030639.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jun 2025 10:16
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/13/2025
 Supervised By :mohammad ahmed 06/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 11:01:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.355	7.768	2811.1E6	796.0E6	744.633m	740.003
Target Compounds							
1) T	Dalapon	2.716	2.712	3859.3E6	1848.7E6	683.434	674.715
2) T	3,5-DICHL...	6.514	6.714	3776.4E6	1099.0E6	695.940	702.557
3) T	4-Nitroph...	7.155	7.300	1164.9E6	1125.8E6	635.231	718.359
5) T	DICAMBA	7.547	7.971	11101.7E6	4662.3E6	719.835	723.770
6) T	MCPD	7.729	8.070	713.0E6	161.5E6	71.983m	69.847
7) T	MCPA	7.879	8.320	869.8E6	198.1E6	68.546	64.196
8) T	DICHLORPROP	8.262	8.691	2516.0E6	1054.3E6	691.554	710.337
9) T	2,4-D	8.495	9.026	2437.6E6	1121.1E6	669.001	713.016
10) T	Pentachlo...	8.800f	9.552	39028.0E6	27074.2E6	768.476m	749.189
11) T	2,4,5-TP ...	9.385	9.933	14717.0E6	9984.0E6	712.169	727.870
12) T	2,4,5-T	9.679	10.359	12481.4E6	9423.9E6	677.194	721.747
13) T	2,4-DB	10.257	10.925	1850.6E6	796.6E6	609.482	692.936
14) T	DINOSEB	11.480	11.312	9897.4E6	7298.0E6	688.519	726.165
15) T	Picloram	11.285	12.419	11273.2E6	15110.8E6	563.525m	684.245
16) T	DCPA	11.775	12.355	19138.9E6	15288.2E6	723.858	747.115m

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

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Acq On : 12 Jun 2025 10:16
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

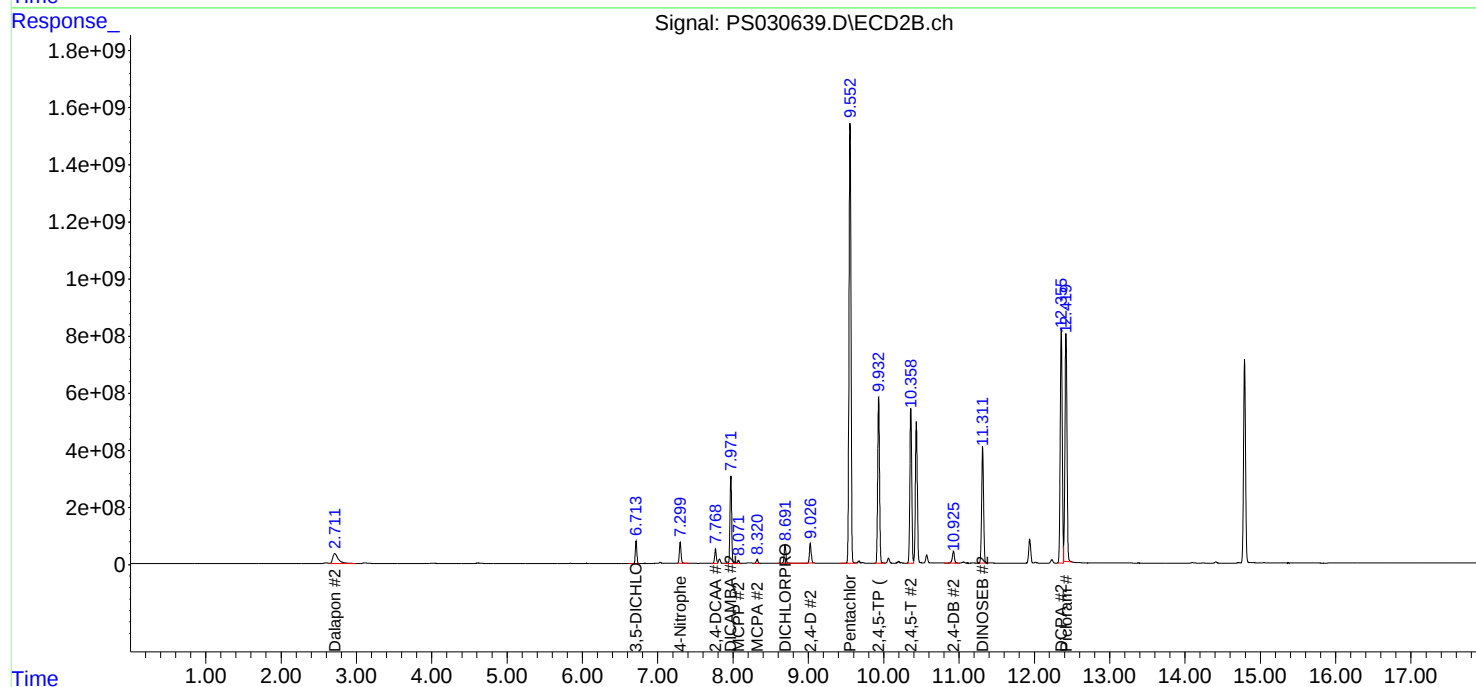
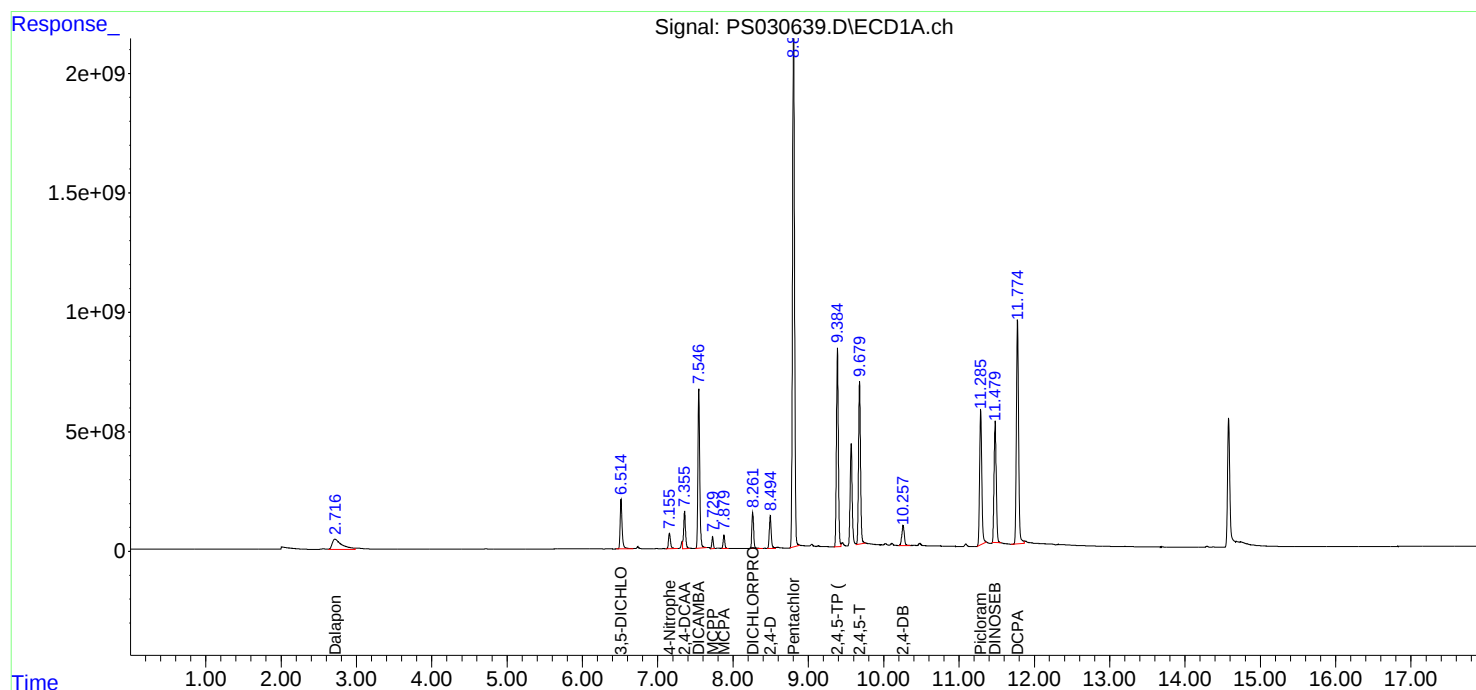
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

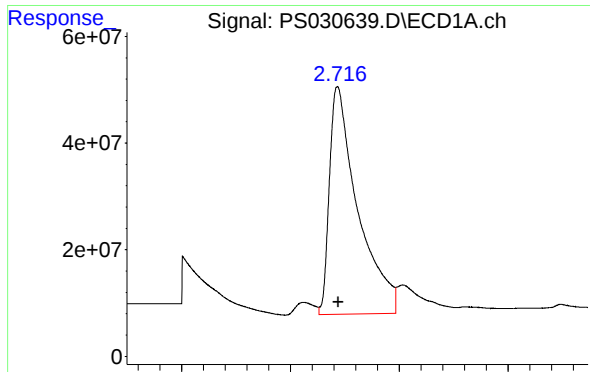
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Integration File signal 1: autoint1.e
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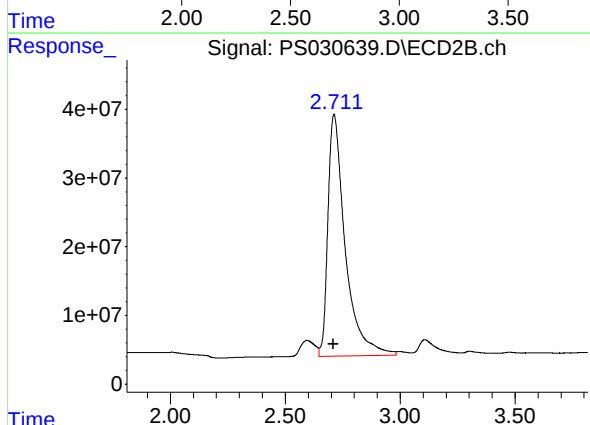
#1 Dalapon

R.T.: 2.716 min
Delta R.T.: -0.004 min
Response: 3859334969
Conc: 683.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

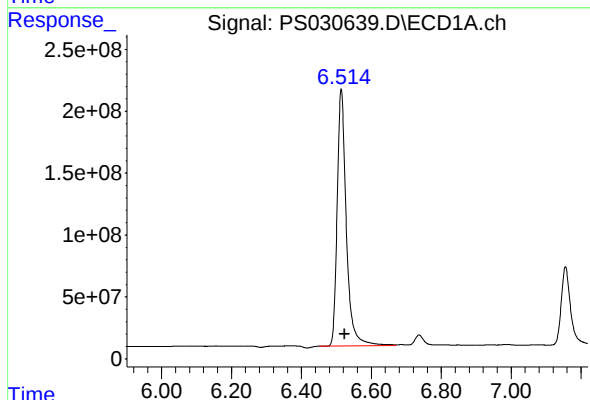
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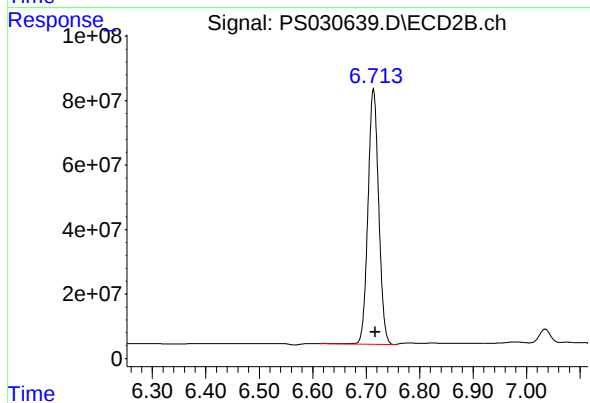
#1 Dalapon

R.T.: 2.712 min
Delta R.T.: 0.002 min
Response: 1848729719
Conc: 674.72 ng/ml



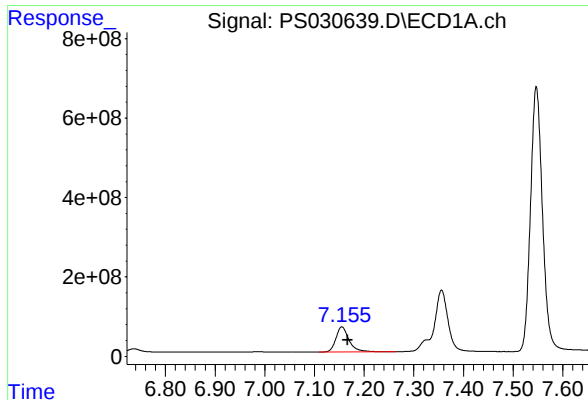
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.514 min
Delta R.T.: -0.010 min
Response: 3776416602
Conc: 695.94 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: -0.004 min
Response: 1098973755
Conc: 702.56 ng/ml



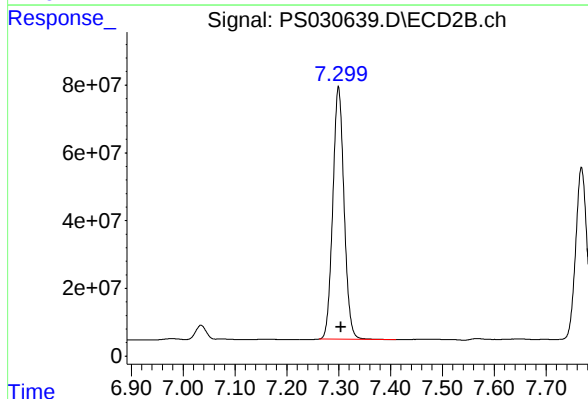
#3 4-Nitrophenol

R.T.: 7.155 min
Delta R.T.: -0.012 min
Response: 1164858964
Conc: 635.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

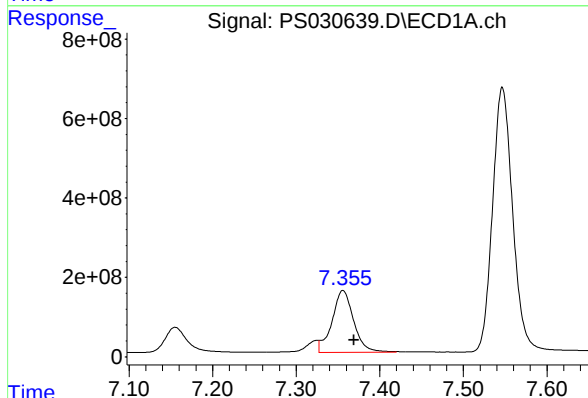
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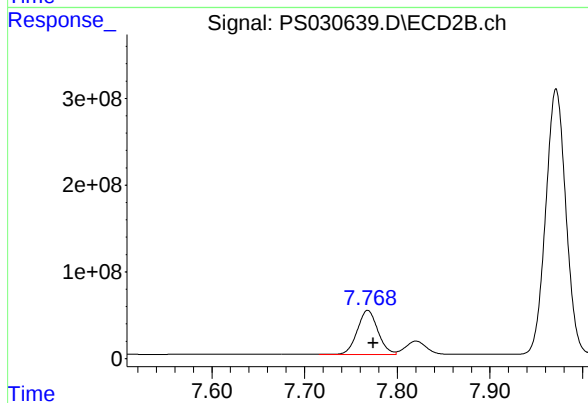
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: -0.004 min
Response: 1125843315
Conc: 718.36 ng/ml



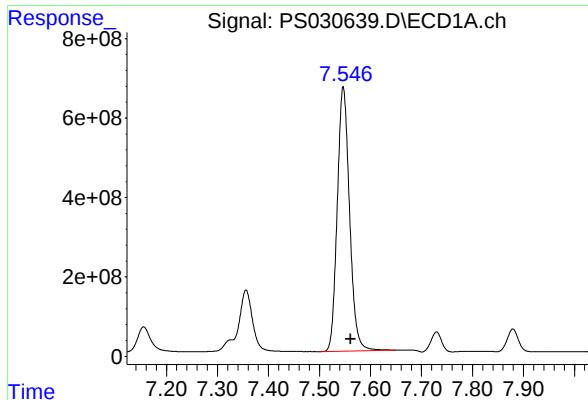
#4 2,4-DCAA

R.T.: 7.355 min
Delta R.T.: -0.014 min
Response: 2811097135
Conc: 744.63 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: -0.006 min
Response: 795954619
Conc: 740.00 ng/ml



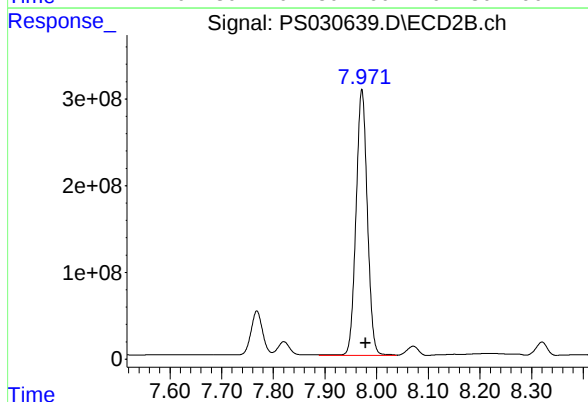
#5 DICAMBA

R.T.: 7.547 min
Delta R.T.: -0.015 min
Response: 11101679161
Conc: 719.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

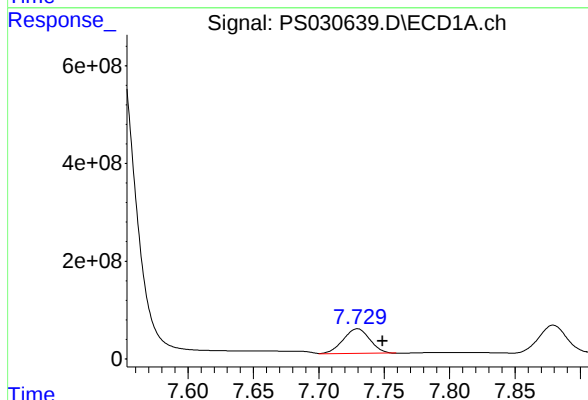
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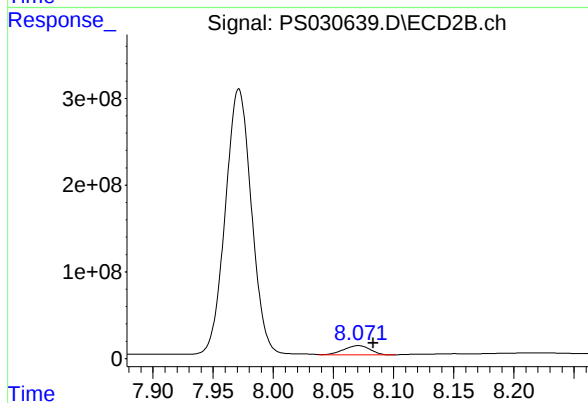
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: -0.007 min
Response: 4662268876
Conc: 723.77 ng/ml



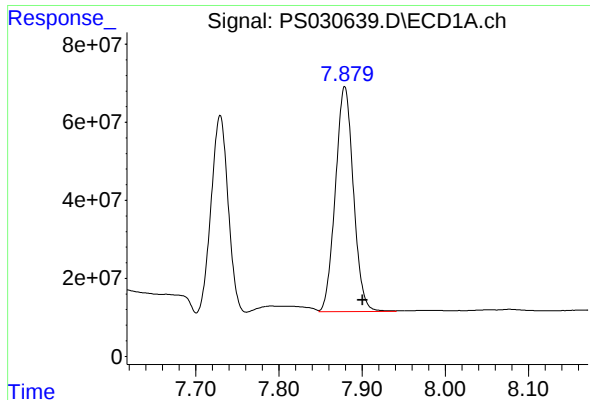
#6 MCPP

R.T.: 7.729 min
Delta R.T.: -0.020 min
Response: 712982427
Conc: 71.98 ug/ml m



#6 MCPP

R.T.: 8.070 min
Delta R.T.: -0.013 min
Response: 161457909
Conc: 69.85 ug/ml



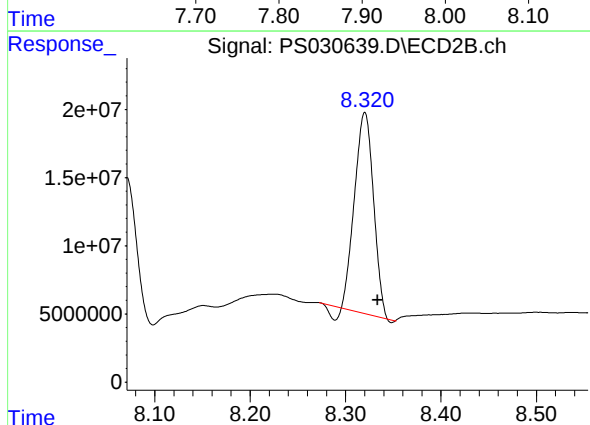
#7 MCPA

R.T.: 7.879 min
Delta R.T.: -0.021 min
Response: 869810238
Conc: 68.55 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

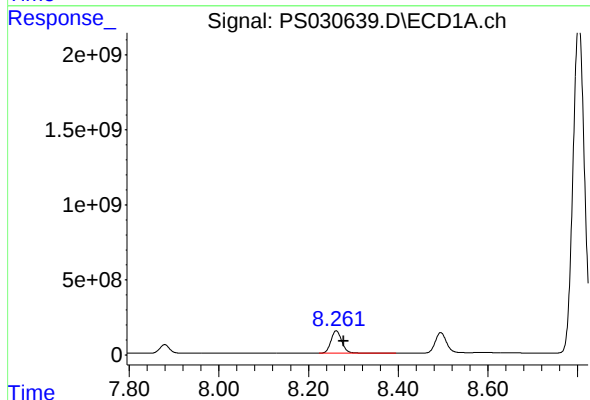
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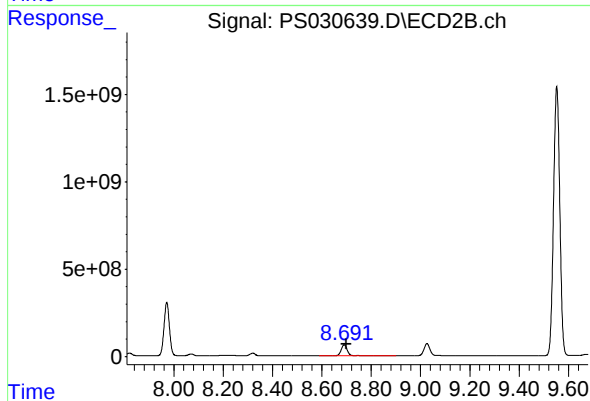
#7 MCPA

R.T.: 8.320 min
Delta R.T.: -0.014 min
Response: 198102736
Conc: 64.20 ug/ml



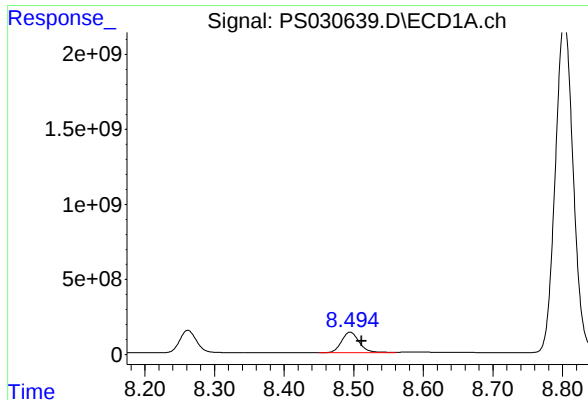
#8 DICHLORPROP

R.T.: 8.262 min
Delta R.T.: -0.016 min
Response: 2515972635
Conc: 691.55 ng/ml



#8 DICHLORPROP

R.T.: 8.691 min
Delta R.T.: -0.008 min
Response: 1054284771
Conc: 710.34 ng/ml



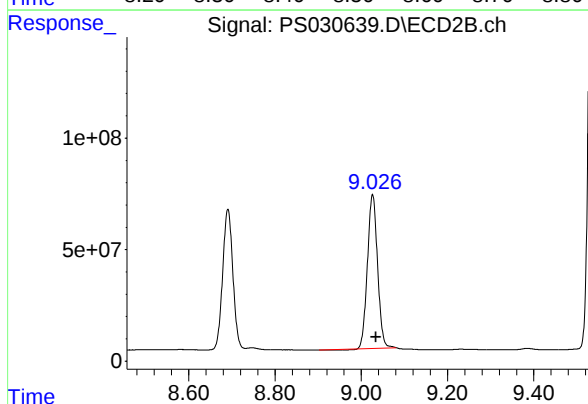
#9 2,4-D

R.T.: 8.495 min
Delta R.T.: -0.016 min
Response: 2437578347
Conc: 669.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

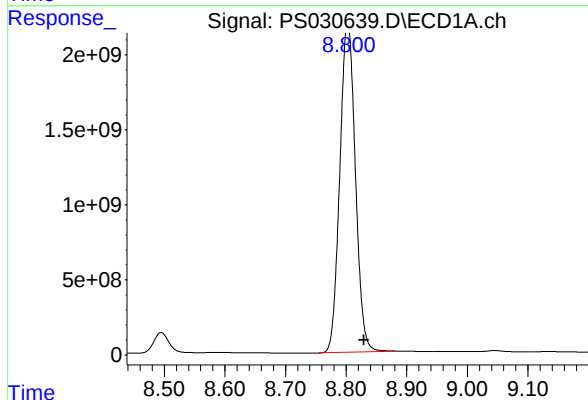
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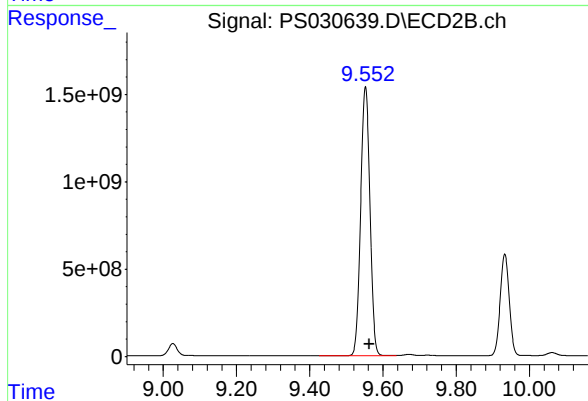
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: -0.008 min
Response: 1121089964
Conc: 713.02 ng/ml



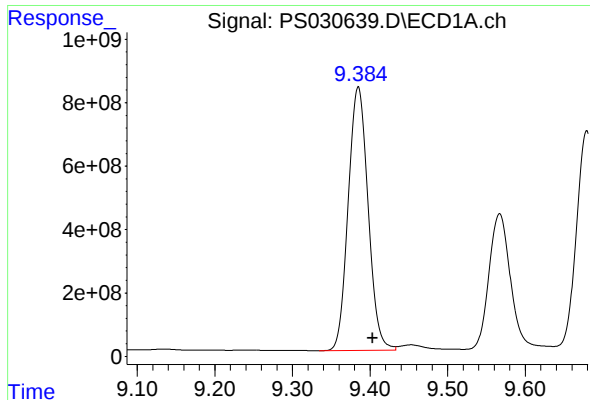
#10 Pentachlorophenol

R.T.: 8.800 min
Delta R.T.: -0.030 min
Response: 39027966561
Conc: 768.48 ng/ml m



#10 Pentachlorophenol

R.T.: 9.552 min
Delta R.T.: -0.011 min
Response: 27074219754
Conc: 749.19 ng/ml



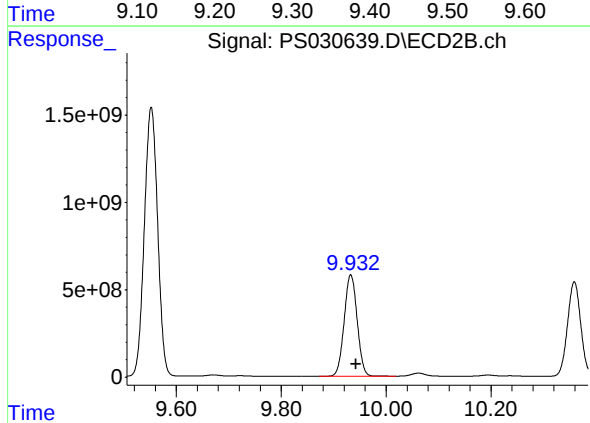
#11 2,4,5-TP (SILVEX)

R.T.: 9.385 min
Delta R.T.: -0.018 min
Response: 14717040848
Conc: 712.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

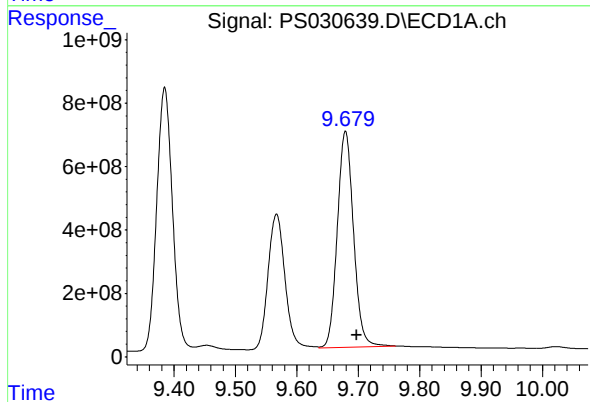
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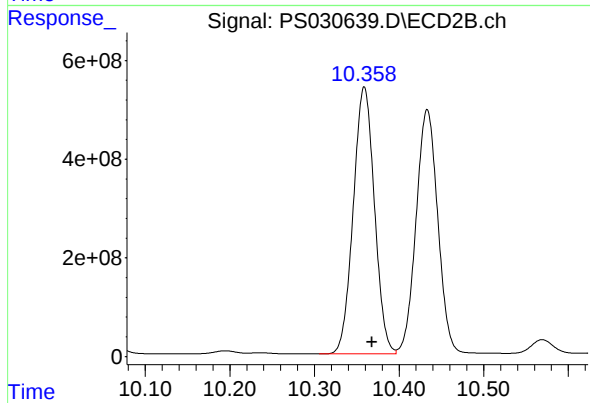
#11 2,4,5-TP (SILVEX)

R.T.: 9.933 min
Delta R.T.: -0.010 min
Response: 9984005176
Conc: 727.87 ng/ml



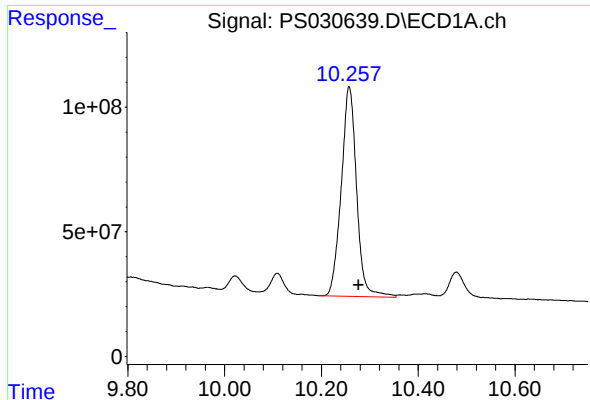
#12 2,4,5-T

R.T.: 9.679 min
Delta R.T.: -0.018 min
Response: 12481395657
Conc: 677.19 ng/ml



#12 2,4,5-T

R.T.: 10.359 min
Delta R.T.: -0.009 min
Response: 9423937849
Conc: 721.75 ng/ml



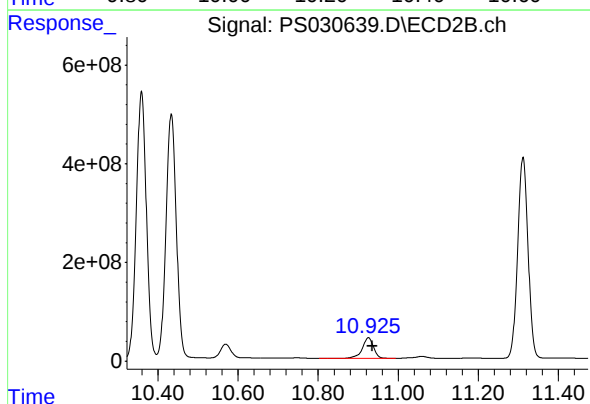
#13 2,4-DB

R.T.: 10.257 min
Delta R.T.: -0.020 min
Response: 1850609396
Conc: 609.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

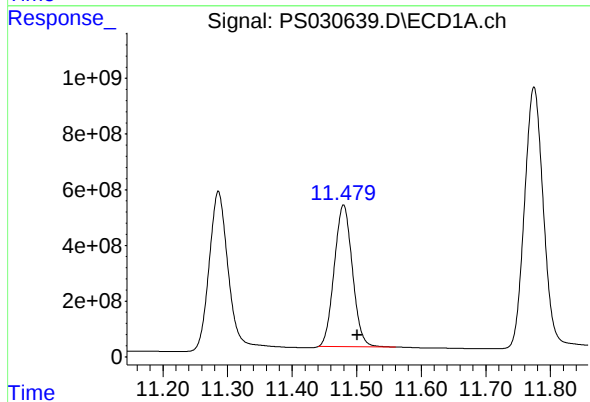
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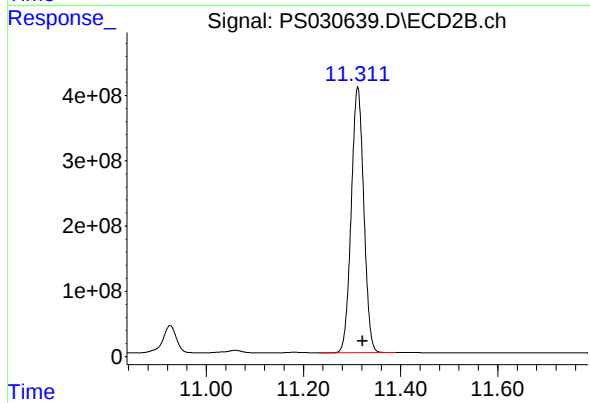
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: -0.009 min
Response: 796566326
Conc: 692.94 ng/ml



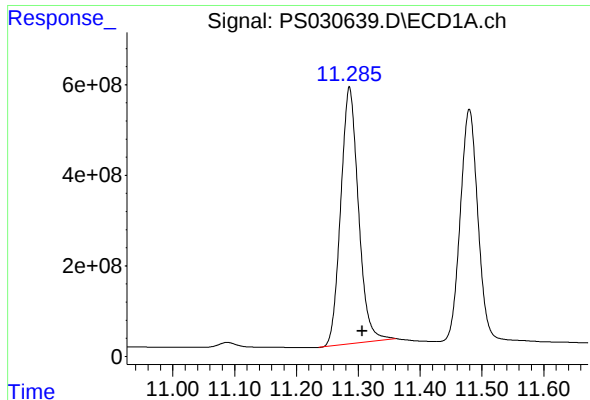
#14 DINOSEB

R.T.: 11.480 min
Delta R.T.: -0.022 min
Response: 9897423094
Conc: 688.52 ng/ml



#14 DINOSEB

R.T.: 11.312 min
Delta R.T.: -0.010 min
Response: 7298041390
Conc: 726.16 ng/ml



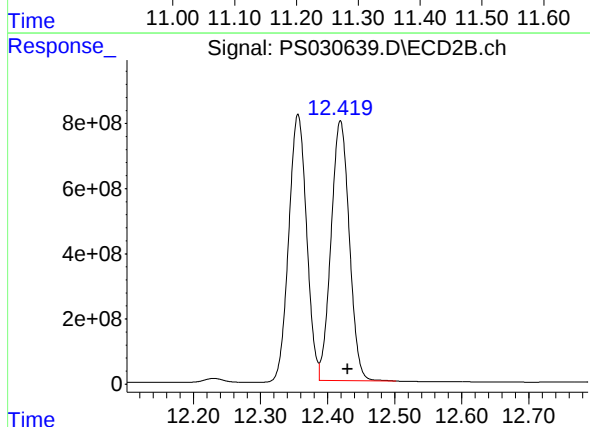
#15 Picloram

R.T.: 11.285 min
Delta R.T.: -0.021 min
Response: 11273205674
Conc: 563.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

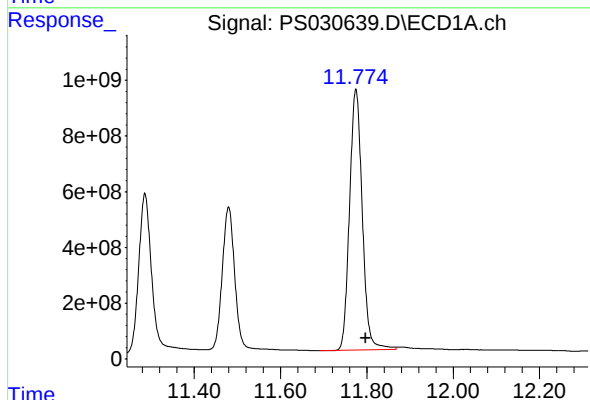
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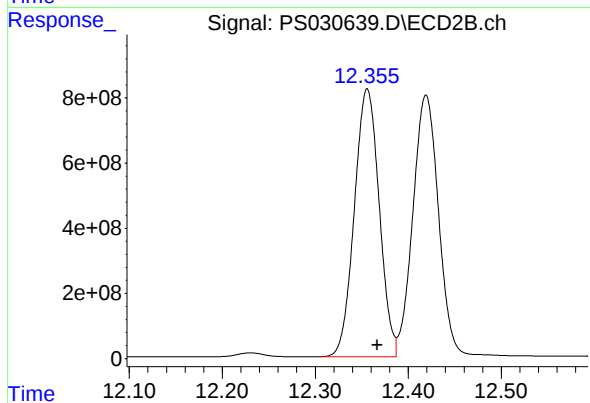
#15 Picloram

R.T.: 12.419 min
Delta R.T.: -0.011 min
Response: 15110780453
Conc: 684.24 ng/ml



#16 DCPA

R.T.: 11.775 min
Delta R.T.: -0.022 min
Response: 19138884013
Conc: 723.86 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: -0.011 min
Response: 15288154003
Conc: 747.11 ng/ml m