

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061625\
 Data File : PS030716.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 01:26
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/17/2025
 Supervised By : mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 04:18:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061625.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 16 11:52:28 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 x 0.5 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	7.350	7.768	2726.3E6	774.5E6	724.933m	717.365
Target Compounds							
1) T	Dalapon	2.709	2.710	4025.9E6	1828.9E6	643.658	649.902
2) T	3,5-DICHL...	6.509	6.714	3718.9E6	1087.0E6	683.988	671.922
3) T	4-Nitroph...	7.150	7.300	1198.2E6	1122.4E6	734.975	658.374
5) T	DICAMBA	7.540	7.971	10924.6E6	4545.8E6	698.257	685.584
6) T	MCPD	7.723	8.070	695.0E6	154.8E6	73.077	70.334
7) T	MCPA	7.873	8.319	864.6E6	217.7E6	72.552	67.888
8) T	DICHLORPROP	8.255	8.690	2506.6E6	1025.9E6	682.010	669.509
9) T	2,4-D	8.488	9.025	2514.7E6	1135.3E6	739.528	677.197
10) T	Pentachlo...	8.795	9.551	39016.3E6	26982.1E6	754.808	711.254
11) T	2,4,5-TP ...	9.377	9.932	14742.4E6	9966.8E6	736.870	694.327
12) T	2,4,5-T	9.670	10.358	13230.0E6	9601.6E6	795.642	696.344
13) T	2,4-DB	10.249	10.925	1966.1E6	804.9E6	795.616m	678.370
14) T	DINOSEB	11.469	11.311	10204.0E6	7353.9E6	720.552	671.133
15) T	Picloram	11.277	12.419	13332.1E6	16468.6E6	798.510	686.882
16) T	DCPA	11.765	12.354	19208.6E6	14963.9E6	739.499	696.788m

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

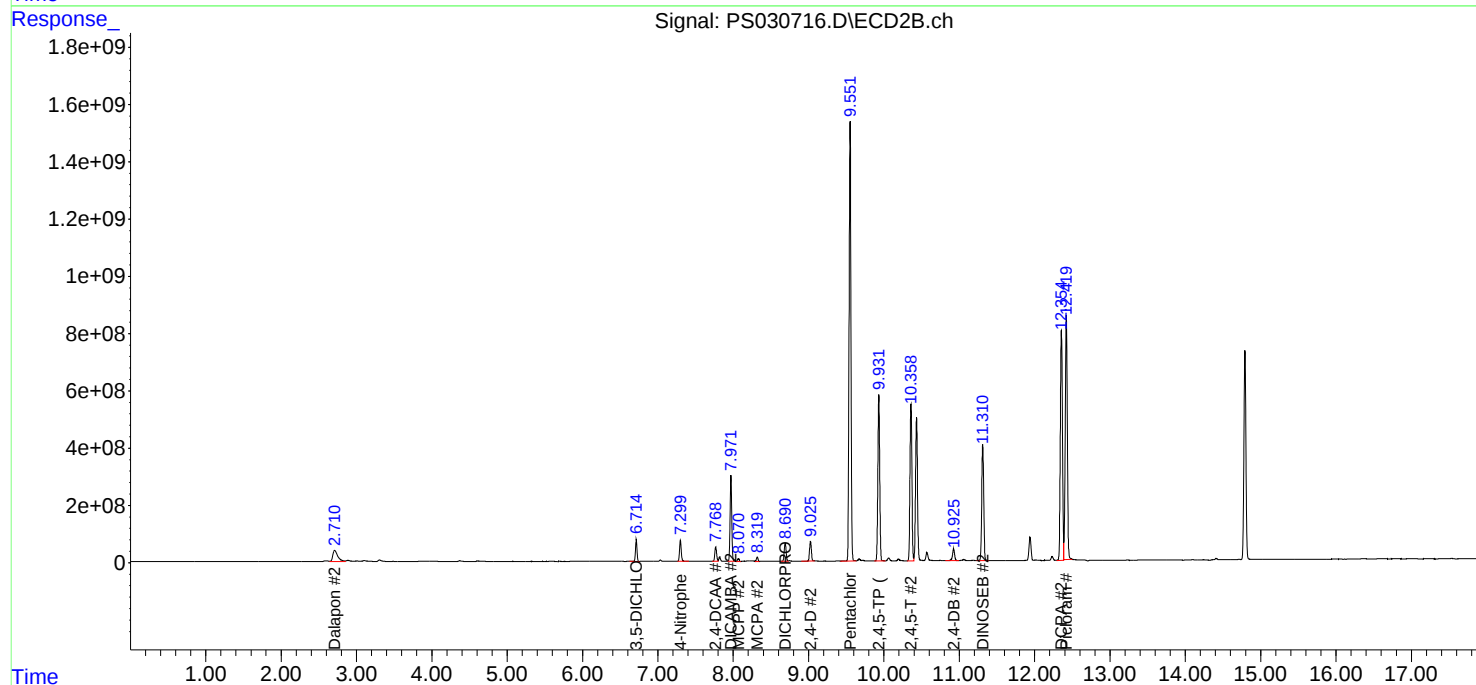
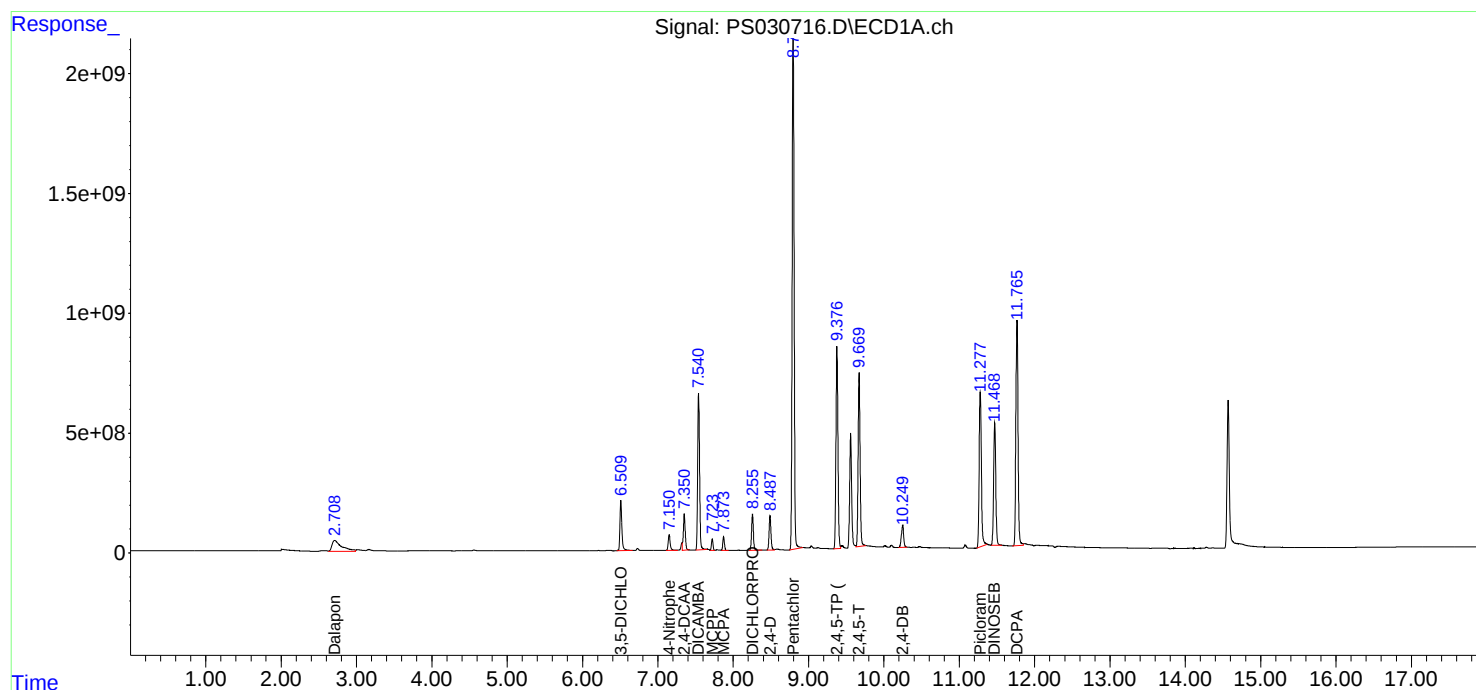
Instrument :
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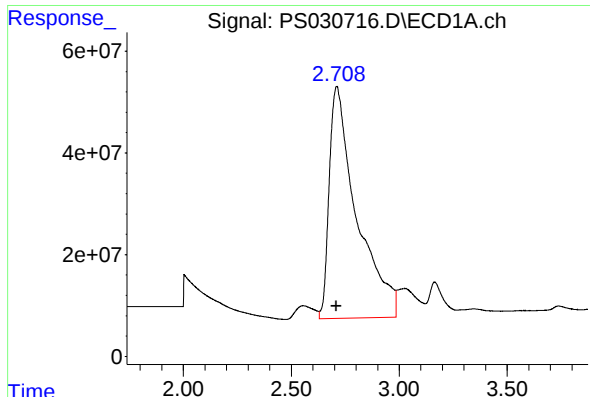
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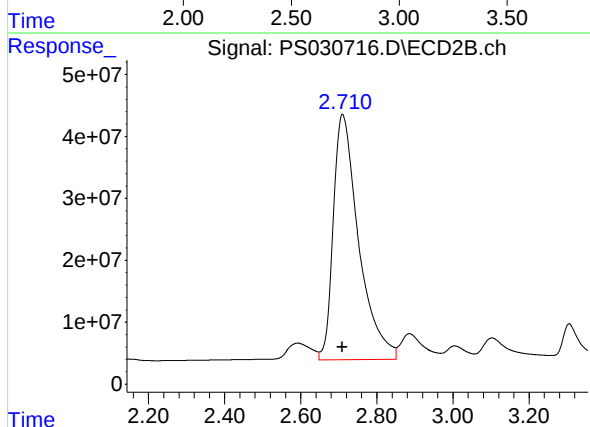
#1 Dalapon

R.T.: 2.709 min
Delta R.T.: 0.000 min
Response: 4025918959
Conc: 643.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

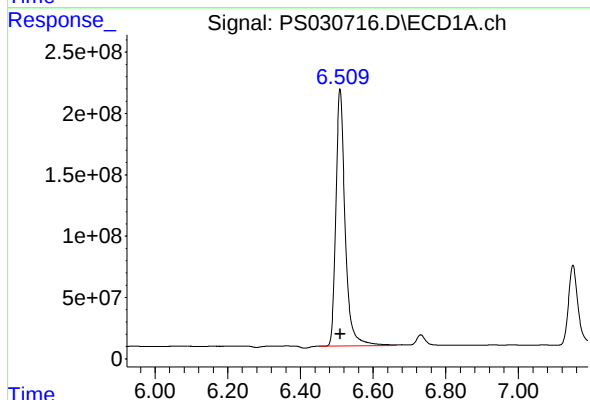
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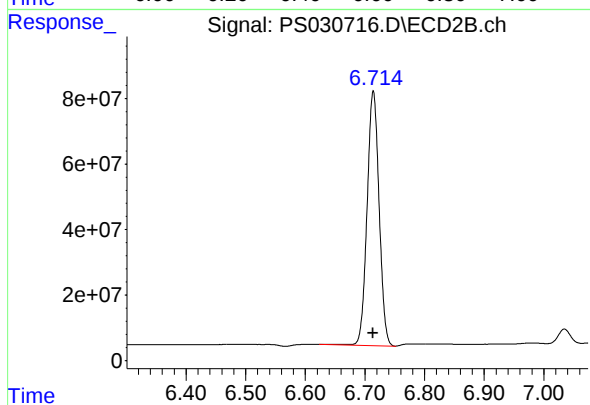
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.000 min
Response: 1828928640
Conc: 649.90 ng/ml



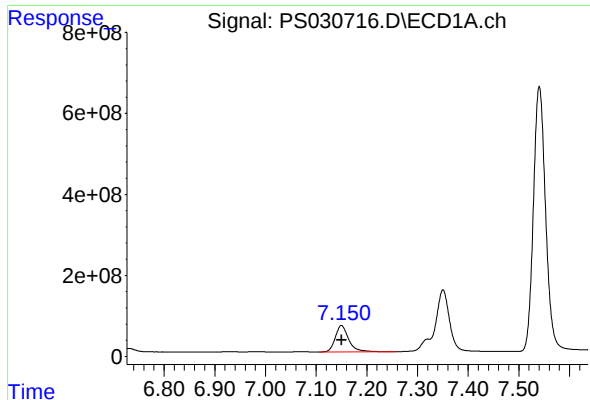
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 3718880994
Conc: 683.99 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 1086955001
Conc: 671.92 ng/ml



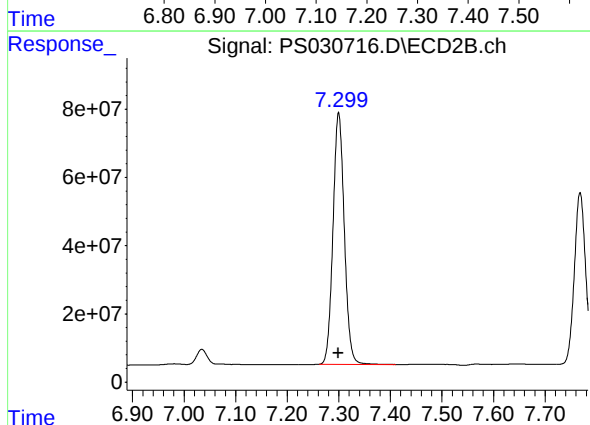
#3 4-Nitrophenol

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 1198191266
Conc: 734.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

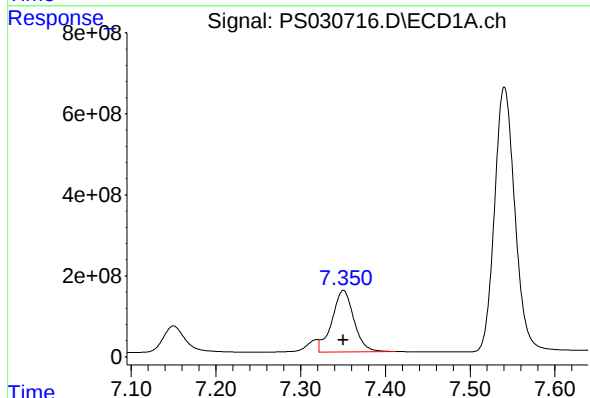
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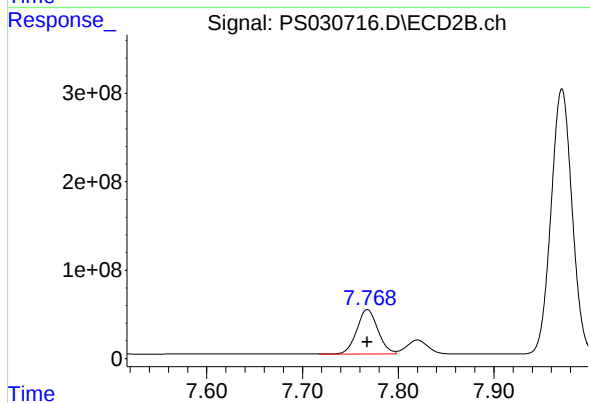
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 1122426693
Conc: 658.37 ng/ml



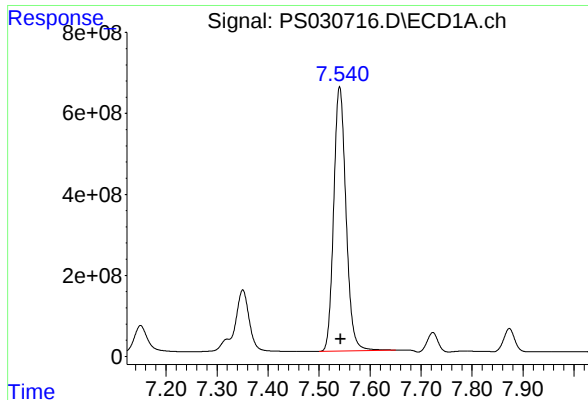
#4 2,4-DCAA

R.T.: 7.350 min
Delta R.T.: 0.000 min
Response: 2726338082
Conc: 724.93 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 774532803
Conc: 717.37 ng/ml



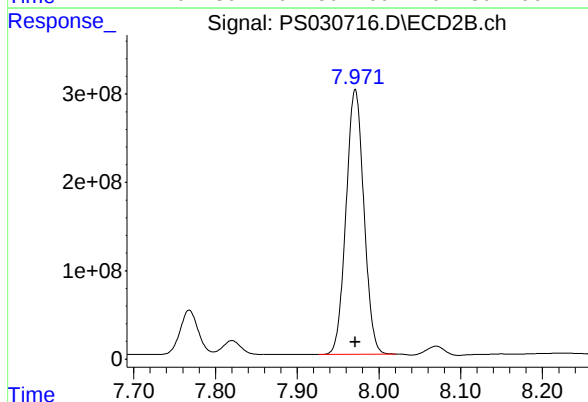
#5 DICAMBA

R.T.: 7.540 min
Delta R.T.: -0.002 min
Response: 10924636151
Conc: 698.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

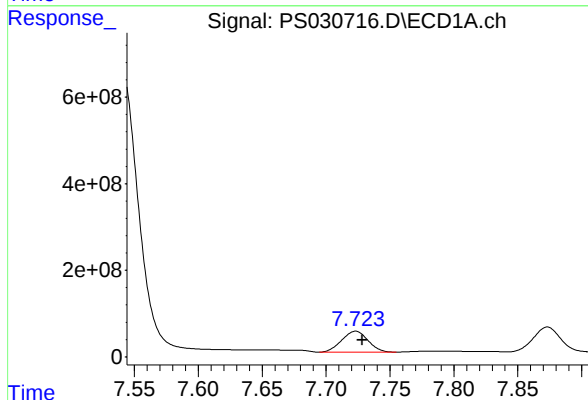
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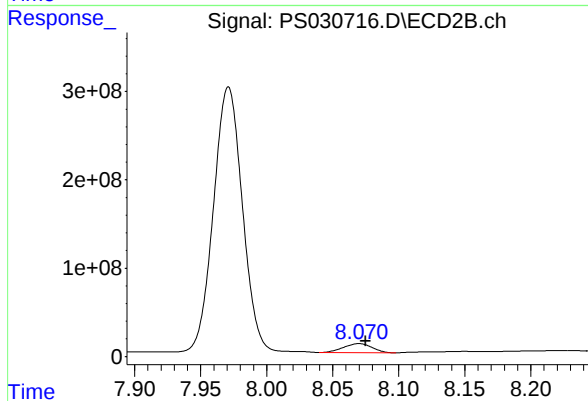
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 4545770295
Conc: 685.58 ng/ml



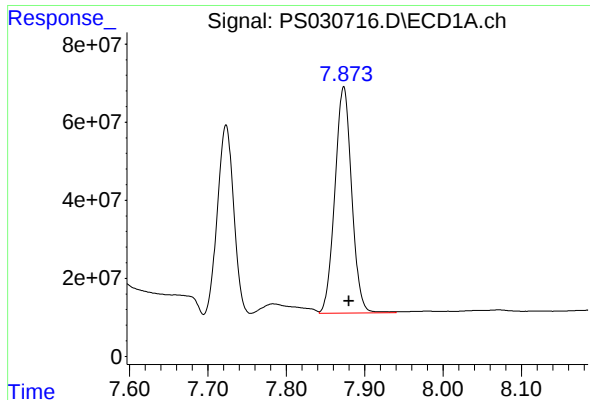
#6 MCPP

R.T.: 7.723 min
Delta R.T.: -0.005 min
Response: 695025849
Conc: 73.08 ug/ml



#6 MCPP

R.T.: 8.070 min
Delta R.T.: -0.005 min
Response: 154832971
Conc: 70.33 ug/ml



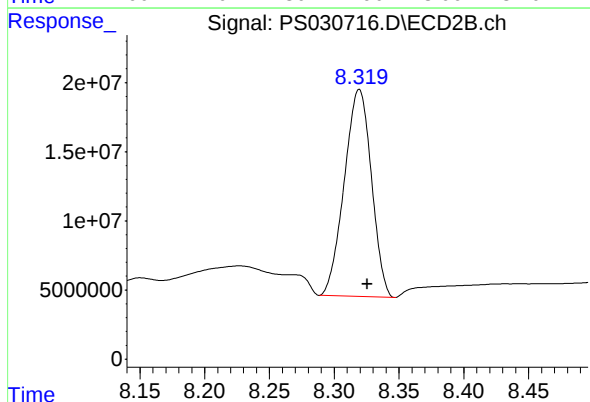
#7 MCPA

R.T.: 7.873 min
Delta R.T.: -0.007 min
Response: 864613983
Conc: 72.55 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

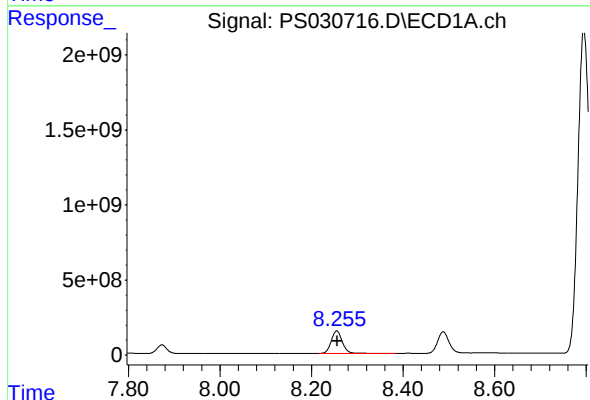
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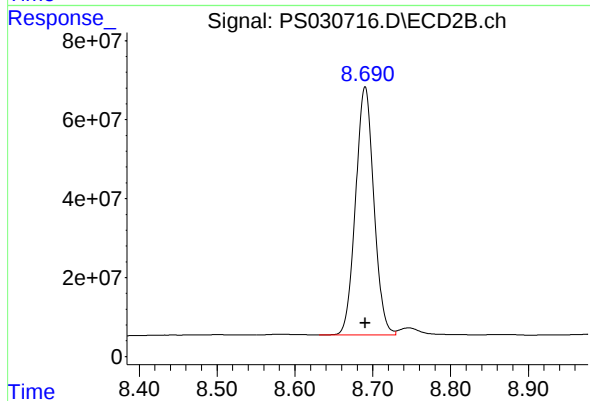
#7 MCPA

R.T.: 8.319 min
Delta R.T.: -0.006 min
Response: 217654039
Conc: 67.89 ug/ml



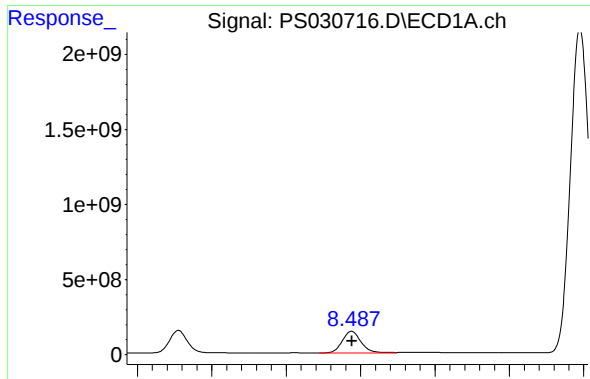
#8 DICHLORPROP

R.T.: 8.255 min
Delta R.T.: -0.001 min
Response: 2506572398
Conc: 682.01 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 1025933257
Conc: 669.51 ng/ml



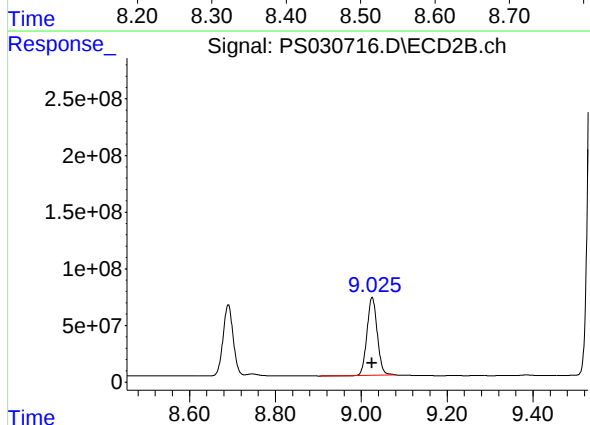
#9 2,4-D

R.T.: 8.488 min
Delta R.T.: 0.000 min
Response: 2514662727
Conc: 739.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

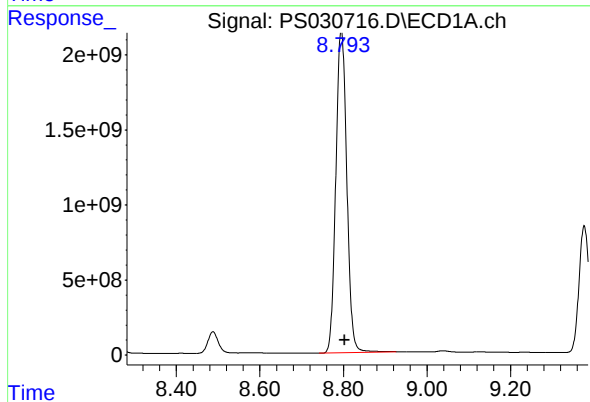
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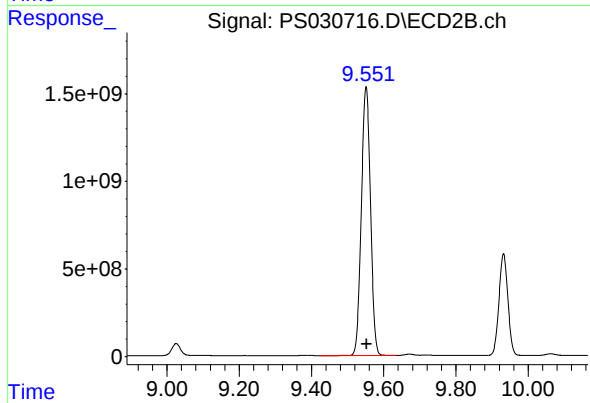
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 1135283553
Conc: 677.20 ng/ml



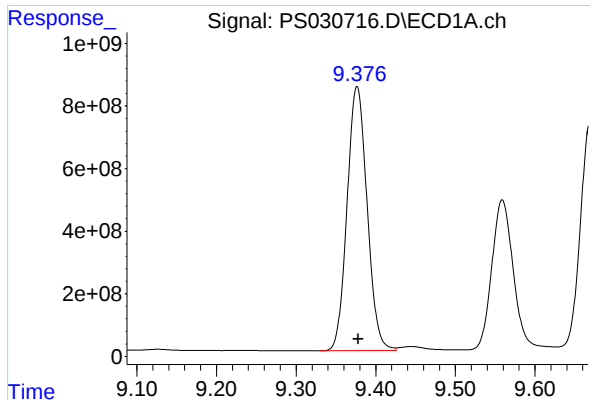
#10 Pentachlorophenol

R.T.: 8.795 min
Delta R.T.: -0.008 min
Response: 39016287659
Conc: 754.81 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 26982123363
Conc: 711.25 ng/ml



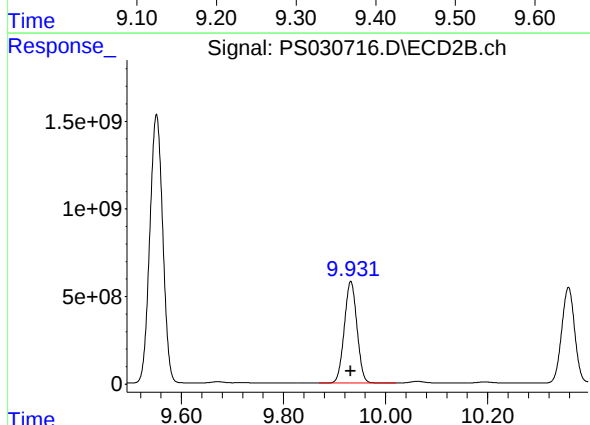
#11 2,4,5-TP (SILVEX)

R.T.: 9.377 min
Delta R.T.: -0.002 min
Response: 14742432727
Conc: 736.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

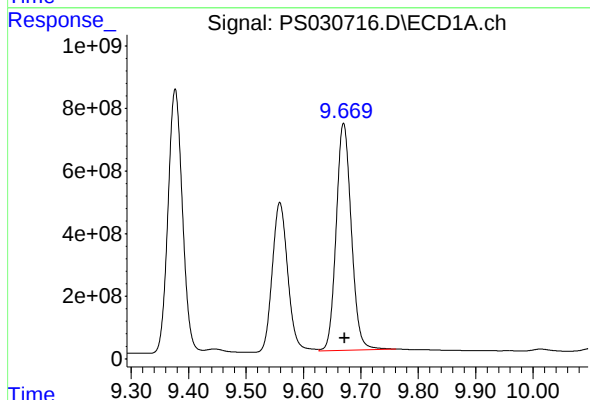
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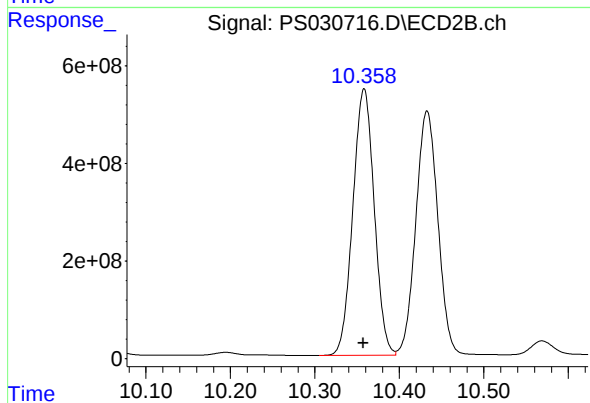
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 9966788629
Conc: 694.33 ng/ml



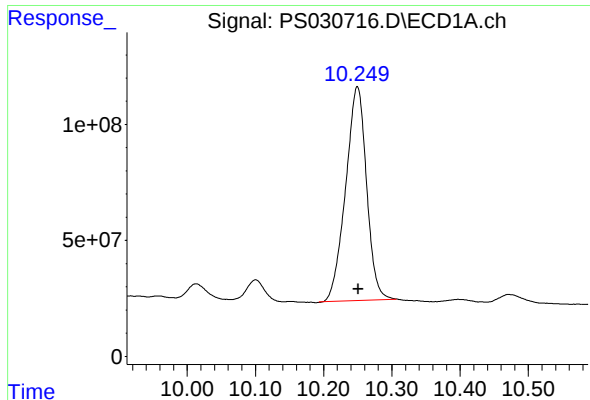
#12 2,4,5-T

R.T.: 9.670 min
Delta R.T.: -0.002 min
Response: 13229974102
Conc: 795.64 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: 0.000 min
Response: 9601568263
Conc: 696.34 ng/ml



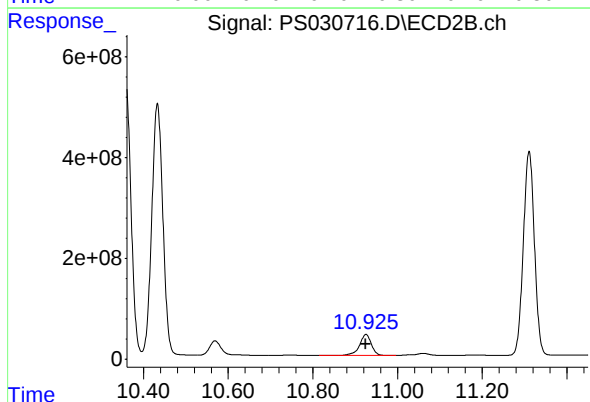
#13 2,4-DB

R.T.: 10.249 min
Delta R.T.: -0.002 min
Response: 1966091534
Conc: 795.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

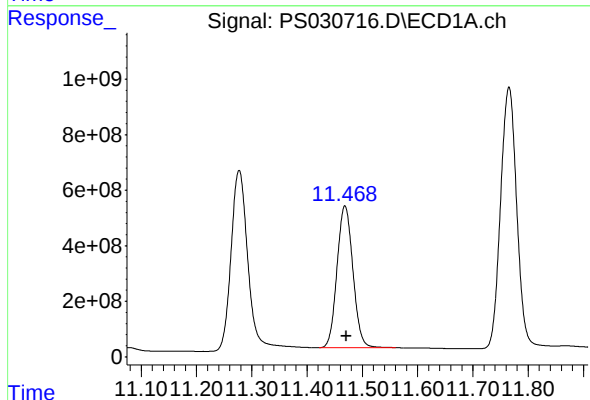
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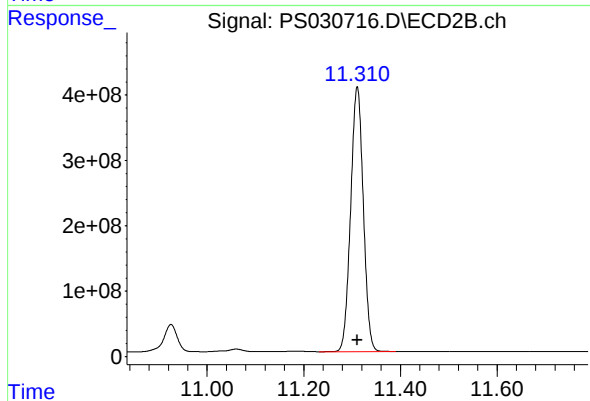
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 804924397
Conc: 678.37 ng/ml



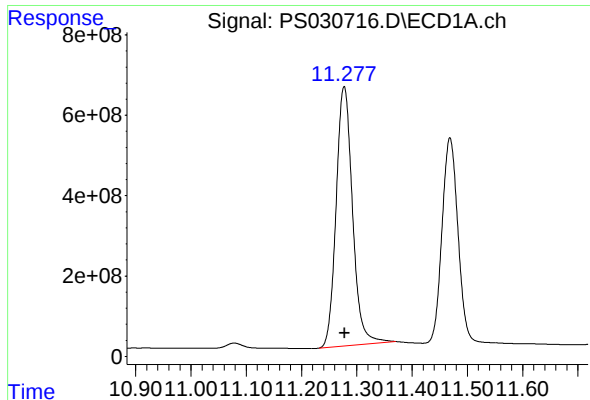
#14 DINOSEB

R.T.: 11.469 min
Delta R.T.: -0.003 min
Response: 10204000429
Conc: 720.55 ng/ml



#14 DINOSEB

R.T.: 11.311 min
Delta R.T.: 0.000 min
Response: 7353864405
Conc: 671.13 ng/ml



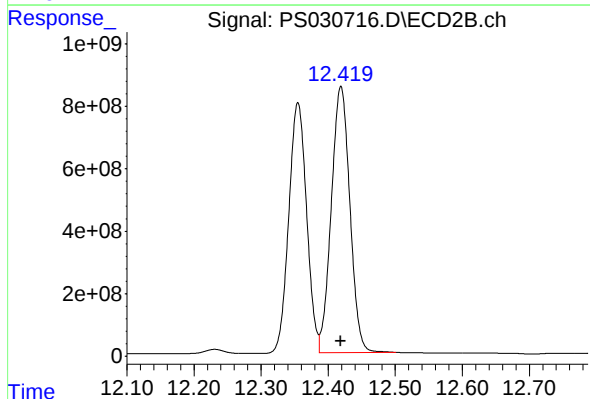
#15 Picloram

R.T.: 11.277 min
Delta R.T.: -0.001 min
Response: 13332078709
Conc: 798.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

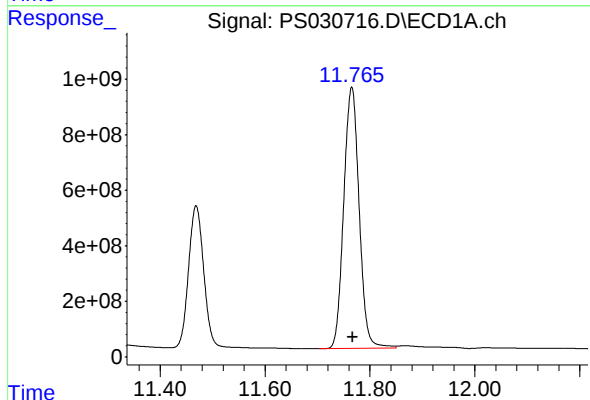
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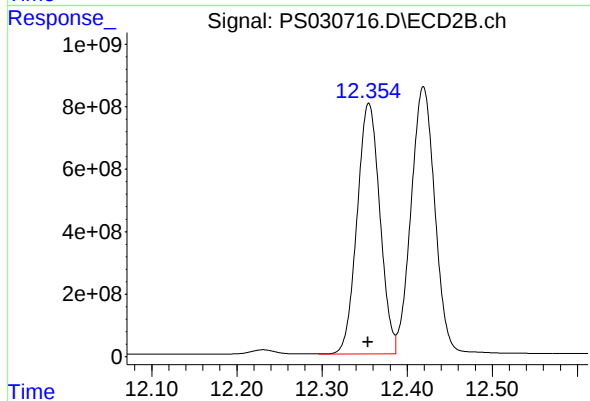
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 16468574930
Conc: 686.88 ng/ml



#16 DCPA

R.T.: 11.765 min
Delta R.T.: -0.002 min
Response: 19208622325
Conc: 739.50 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: 0.000 min
Response: 14963919548
Conc: 696.79 ng/ml m