

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100625\
 Data File : PS031968.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2025 21:26
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/07/2025
 Supervised By :mohammad ahmed 10/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 03:06:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.280	7.741	2821.4E6	685.6E6	783.379	754.268
Target Compounds							
1) T	Dalapon	2.670	2.690	3725.7E6	1872.4E6	644.496	664.528
2) T	3,5-DICHL...	6.449	6.694	3828.1E6	1116.7E6	717.773	732.276
3) T	4-Nitroph...	7.094	7.296	867.3E6	773.5E6	786.171	612.549
5) T	DICAMBA	7.464	7.936	11578.6E6	4763.5E6	742.374	732.074
6) T	MCPD	7.641	8.033	697.3E6	137.2E6	78.003m	72.849
7) T	MCPA	7.791	8.280	839.0E6	208.2E6	75.515	74.309
8) T	DICHLORPROP	8.171	8.655	2591.0E6	1084.0E6	727.458	744.960
9) T	2,4-D	8.409	8.998	2787.7E6	1174.6E6	813.770	714.005
10) T	Pentachlo...	8.704	9.503	42455.5E6	30849.3E6	799.632	777.245
11) T	2,4,5-TP ...	9.280	9.889	15811.7E6	11166.7E6	753.885	741.759
12) T	2,4,5-T	9.576	10.318	14537.8E6	9796.6E6	794.497	727.989
13) T	2,4-DB	10.152	10.886	1849.4E6	677.2E6	792.788	632.871m
14) T	DINOSEB	11.345	11.260	11355.5E6	7757.9E6	787.333	798.082
15) T	Picloram	11.178	12.383	13442.2E6	16520.5E6	746.331m	697.559
16) T	DCPA	11.645	12.301	20729.7E6	18483.0E6	769.196	766.801

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

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Acq On : 06 Oct 2025 21:26
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

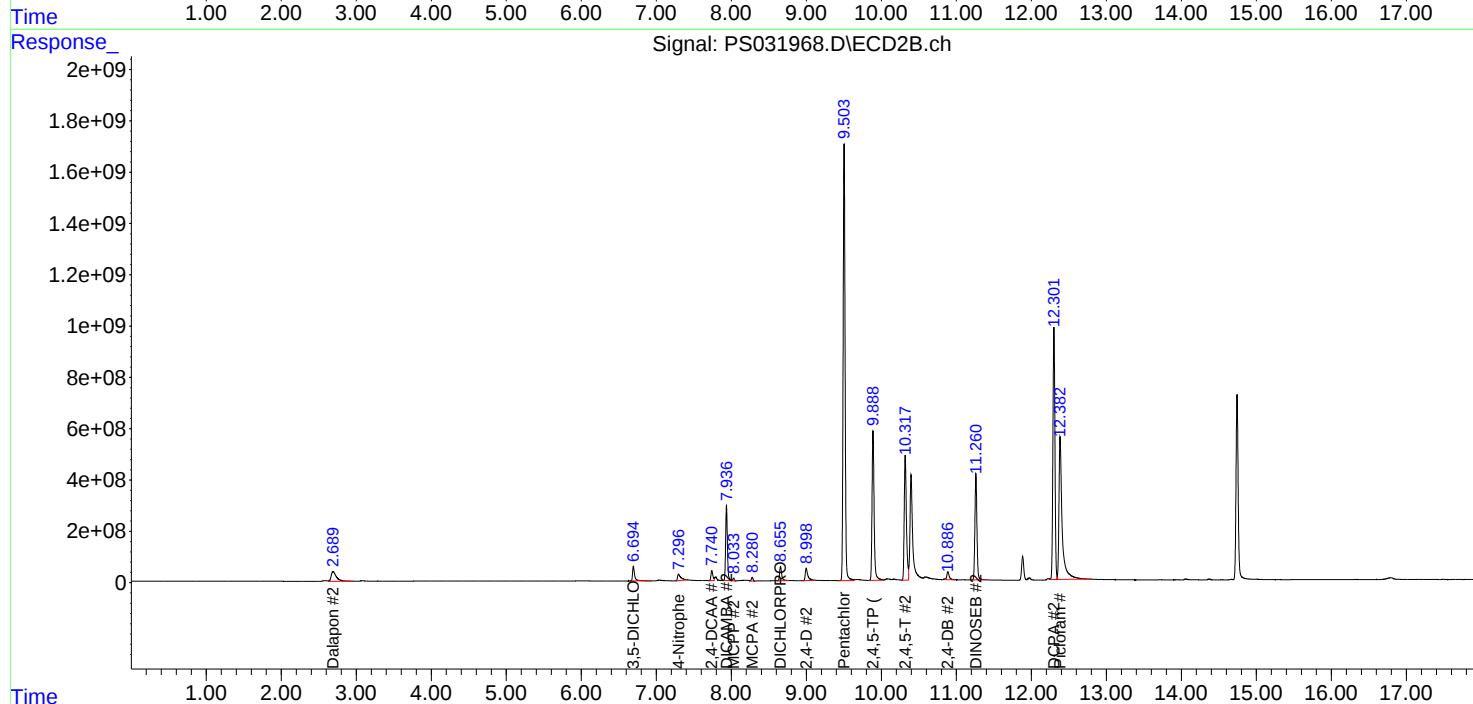
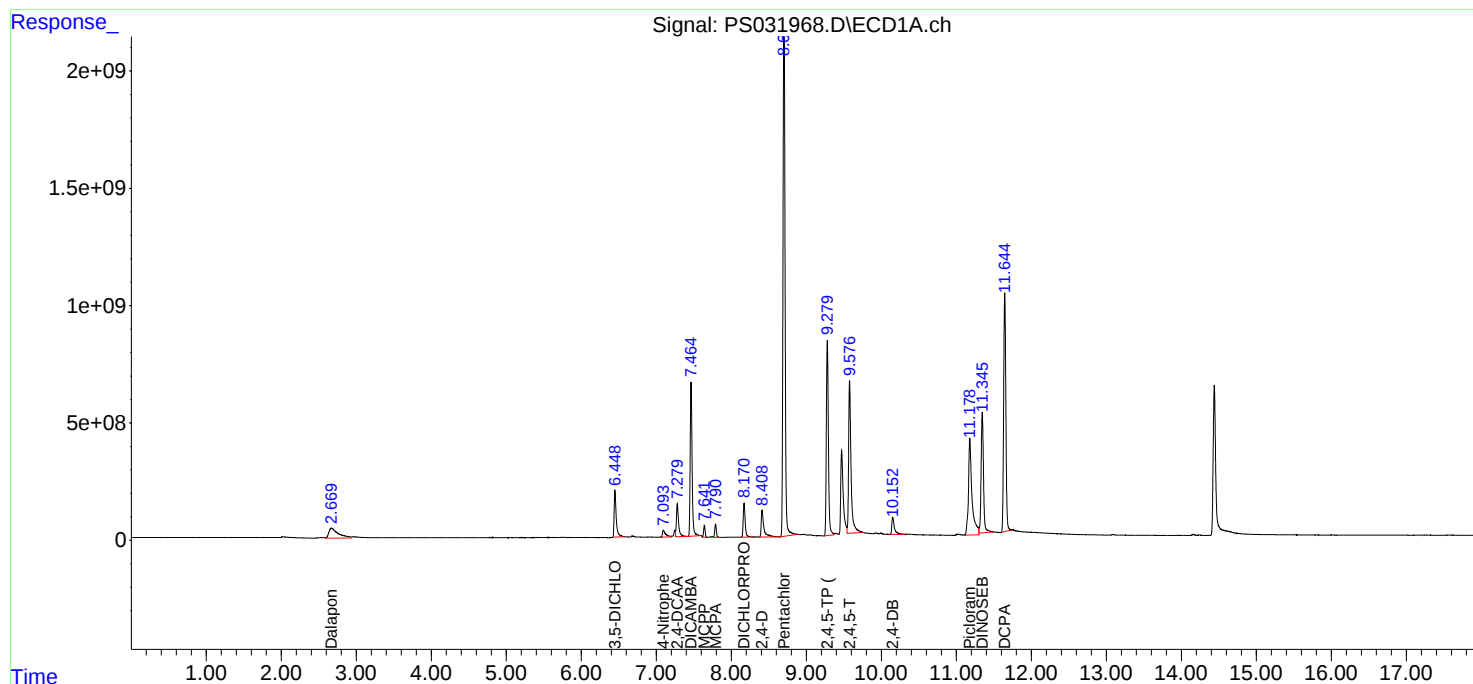
Instrument :
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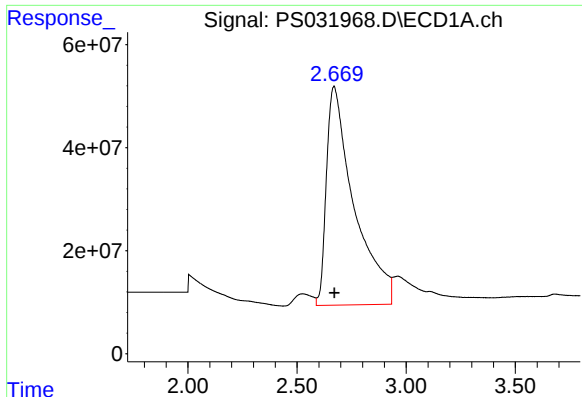
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.670 min
Delta R.T.: -0.001 min
Response: 3725665739
Conc: 644.50 ng/ml

Instrument :

ECD_S

ClientSampleId :

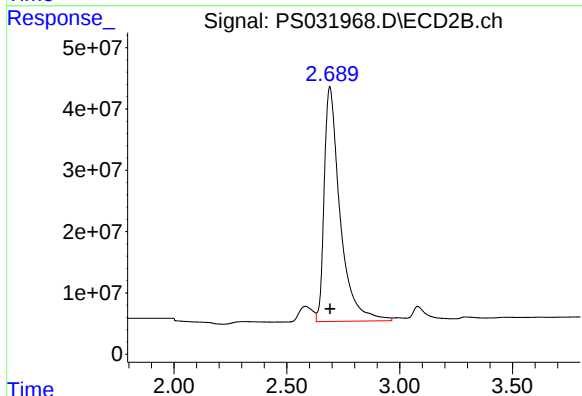
HSTDCCC750

Manual Integrations

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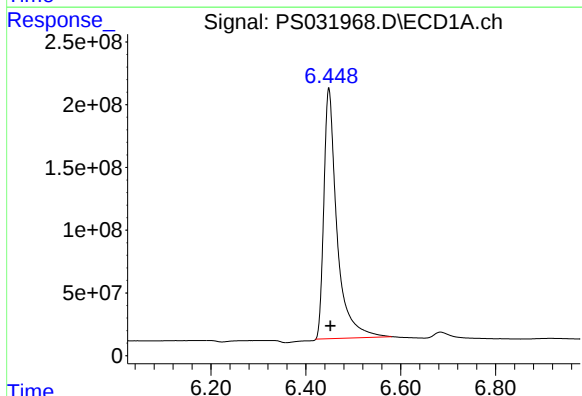
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Supervised By :mohammad ahmed 10/08/2025



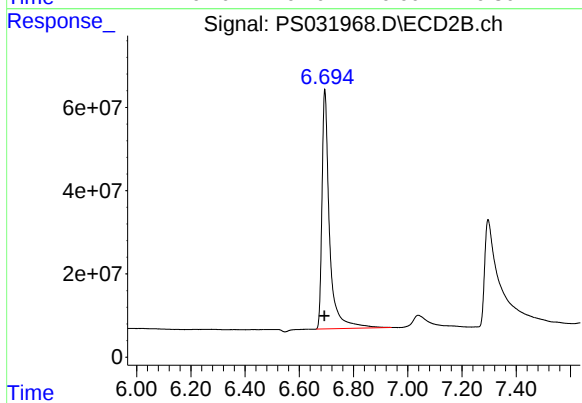
#1 Dalapon

R.T.: 2.690 min
Delta R.T.: -0.002 min
Response: 1872391646
Conc: 664.53 ng/ml



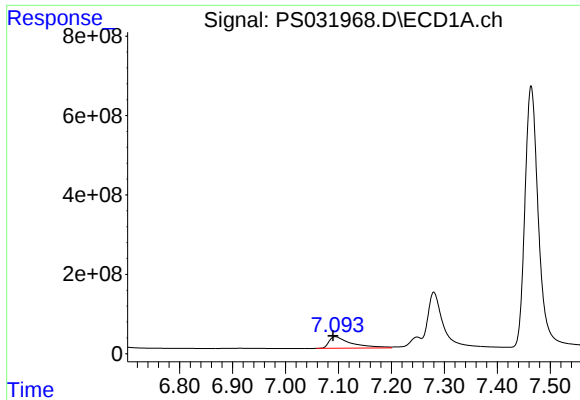
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min
Delta R.T.: -0.003 min
Response: 3828144611
Conc: 717.77 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: 0.001 min
Response: 1116696239
Conc: 732.28 ng/ml



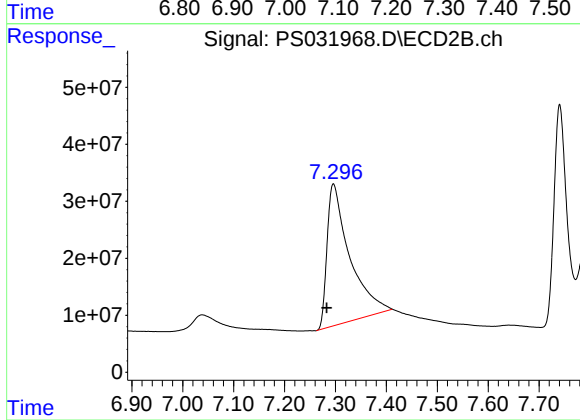
#3 4-Nitrophenol

R.T.: 7.094 min
Delta R.T.: 0.004 min
Response: 867311331
Conc: 786.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

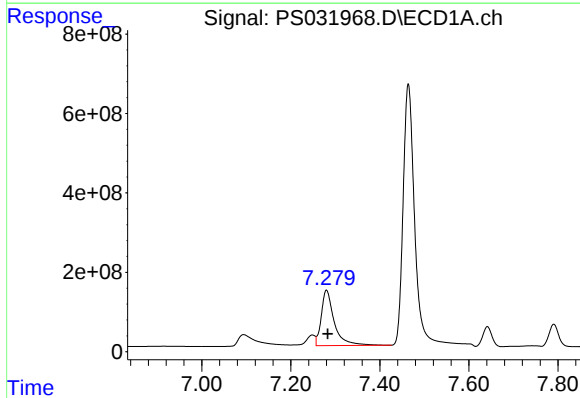
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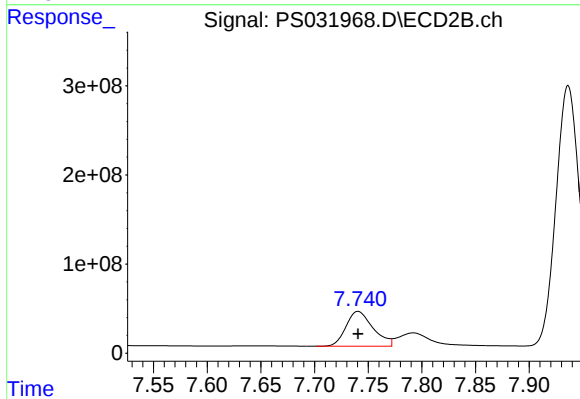
#3 4-Nitrophenol

R.T.: 7.296 min
Delta R.T.: 0.014 min
Response: 773519064
Conc: 612.55 ng/ml



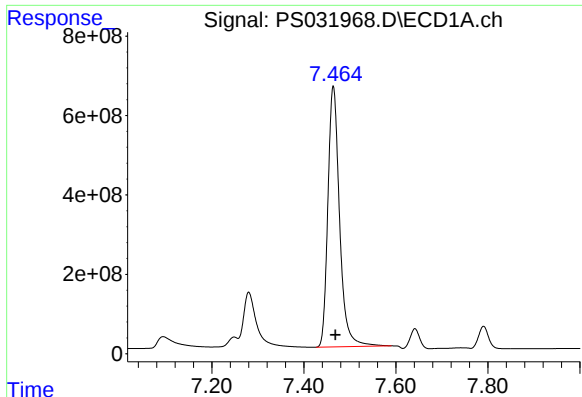
#4 2,4-DCAA

R.T.: 7.280 min
Delta R.T.: -0.003 min
Response: 2821361347
Conc: 783.38 ng/ml



#4 2,4-DCAA

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 685553811
Conc: 754.27 ng/ml



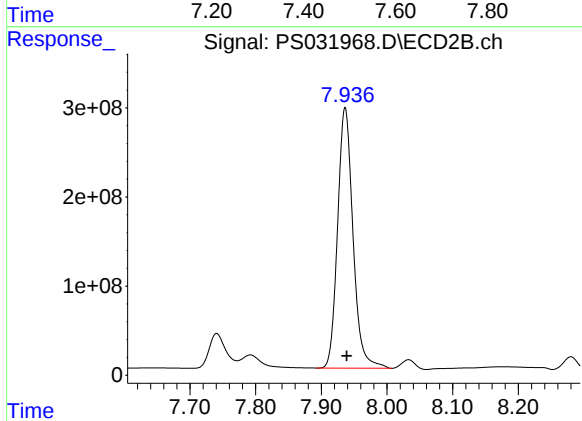
#5 DICAMBA

R.T.: 7.464 min
Delta R.T.: -0.005 min
Response: 11578588464
Conc: 742.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

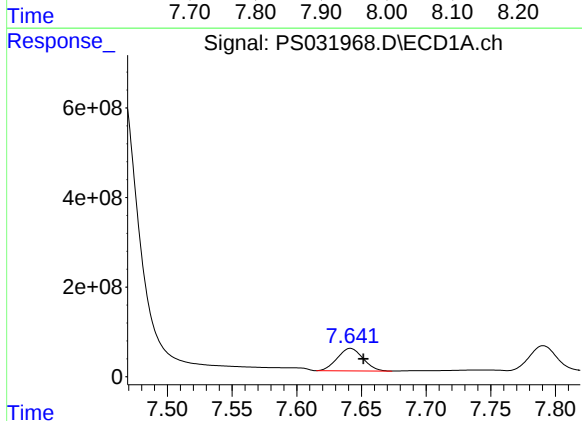
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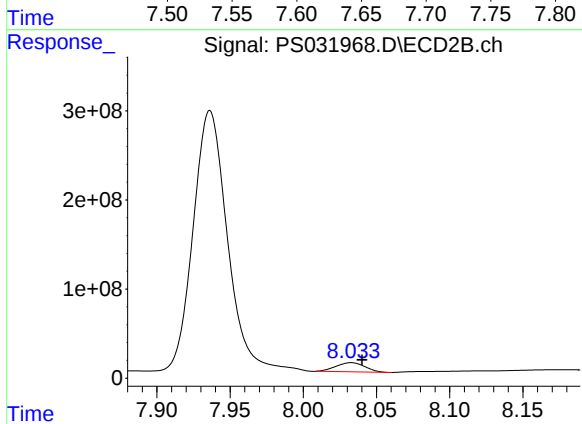
#5 DICAMBA

R.T.: 7.936 min
Delta R.T.: -0.002 min
Response: 4763493871
Conc: 732.07 ng/ml



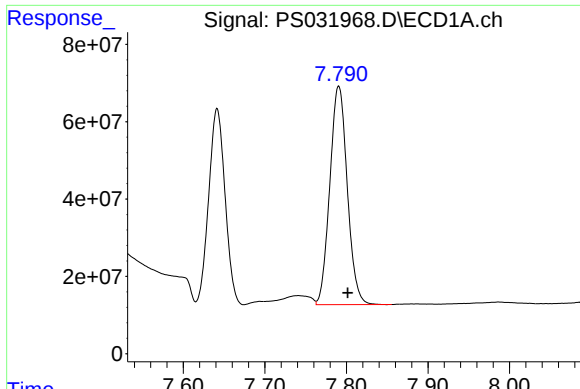
#6 MCP

R.T.: 7.641 min
Delta R.T.: -0.010 min
Response: 697285452
Conc: 78.00 ug/ml m



#6 MCP

R.T.: 8.033 min
Delta R.T.: -0.008 min
Response: 137203834
Conc: 72.85 ug/ml



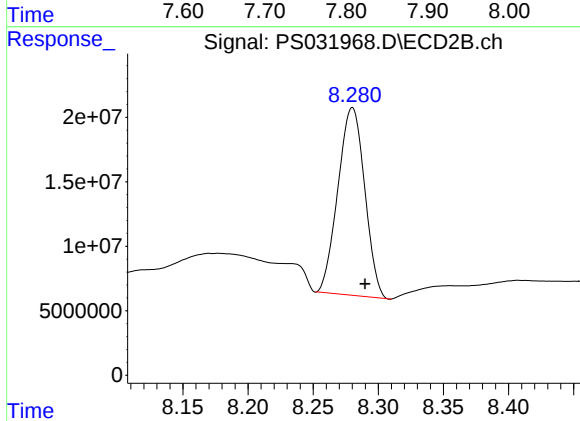
#7 MCPA

R.T.: 7.791 min
Delta R.T.: -0.011 min
Response: 839002897
Conc: 75.51 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

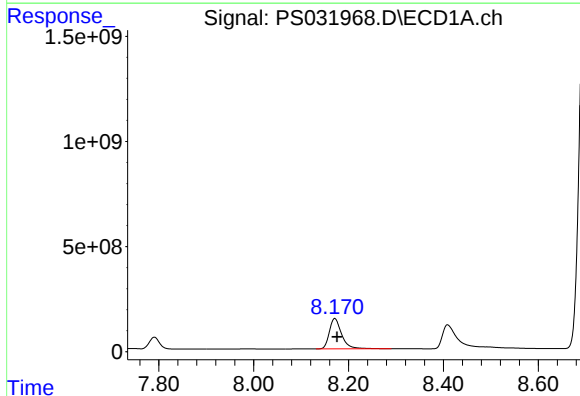
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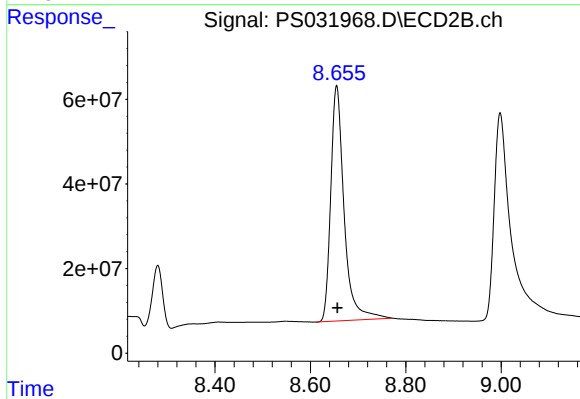
#7 MCPA

R.T.: 8.280 min
Delta R.T.: -0.010 min
Response: 208155008
Conc: 74.31 ug/ml



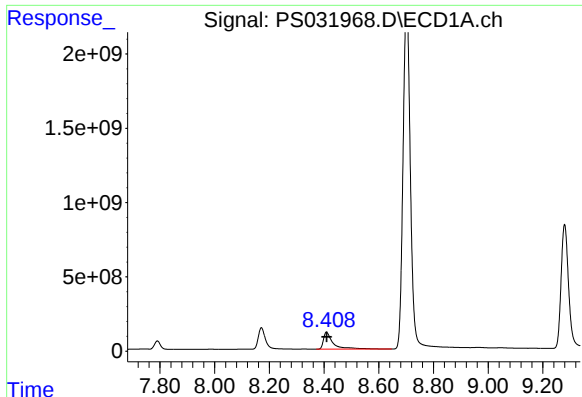
#8 DICHLORPROP

R.T.: 8.171 min
Delta R.T.: -0.005 min
Response: 2591034007
Conc: 727.46 ng/ml



#8 DICHLORPROP

R.T.: 8.655 min
Delta R.T.: -0.001 min
Response: 1083961203
Conc: 744.96 ng/ml



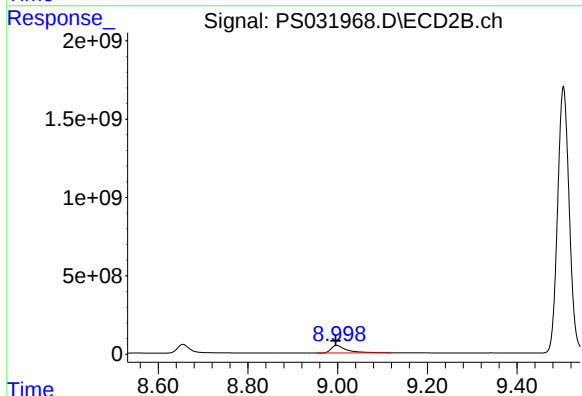
#9 2,4-D

R.T.: 8.409 min
Delta R.T.: -0.002 min
Response: 2787682072
Conc: 813.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

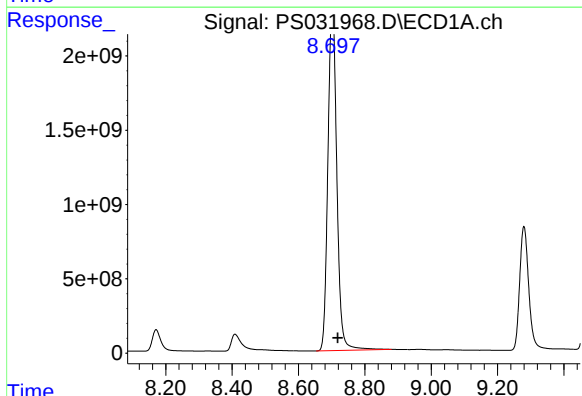
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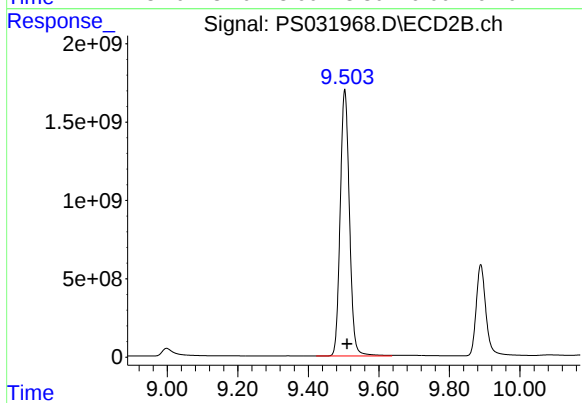
#9 2,4-D

R.T.: 8.998 min
Delta R.T.: 0.003 min
Response: 1174617842
Conc: 714.01 ng/ml



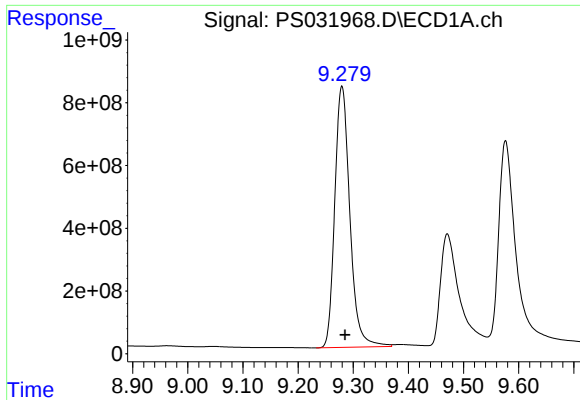
#10 Pentachlorophenol

R.T.: 8.704 min
Delta R.T.: -0.015 min
Response: 42455548496
Conc: 799.63 ng/ml



#10 Pentachlorophenol

R.T.: 9.503 min
Delta R.T.: -0.006 min
Response: 30849259093
Conc: 777.24 ng/ml



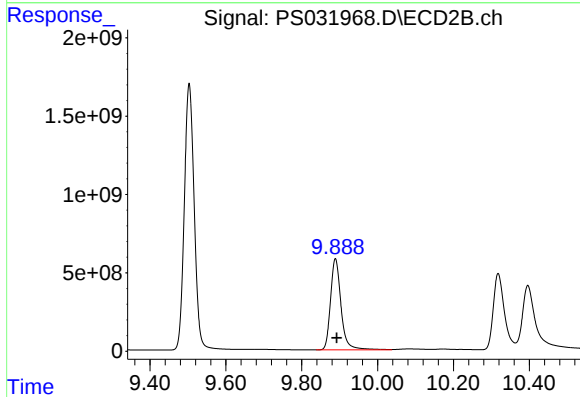
#11 2,4,5-TP (SILVEX)

R.T.: 9.280 min
Delta R.T.: -0.006 min
Response: 15811742270
Conc: 753.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

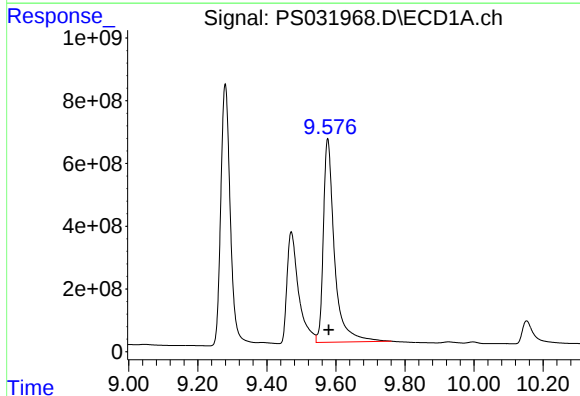
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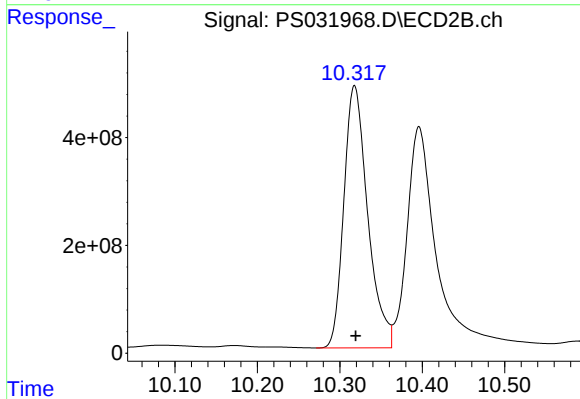
#11 2,4,5-TP (SILVEX)

R.T.: 9.889 min
Delta R.T.: -0.003 min
Response: 11166671761
Conc: 741.76 ng/ml



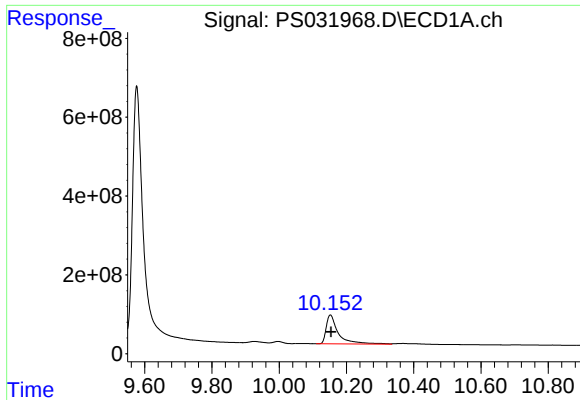
#12 2,4,5-T

R.T.: 9.576 min
Delta R.T.: -0.003 min
Response: 14537836424
Conc: 794.50 ng/ml



#12 2,4,5-T

R.T.: 10.318 min
Delta R.T.: -0.001 min
Response: 9796562531
Conc: 727.99 ng/ml



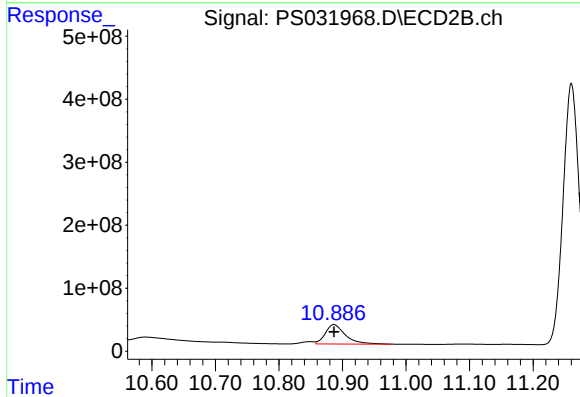
#13 2,4-DB

R.T.: 10.152 min
Delta R.T.: -0.002 min
Response: 1849387916
Conc: 792.79 ng/ml

Instrument :
ECD_S
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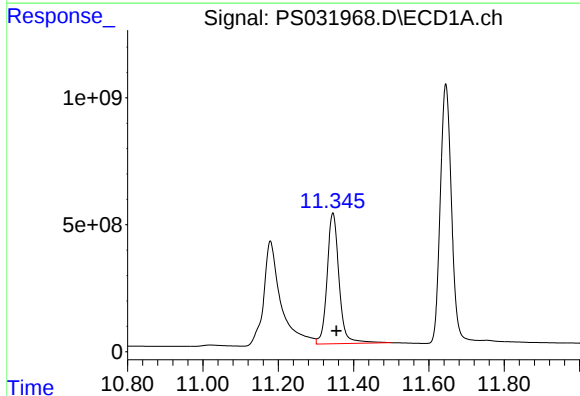
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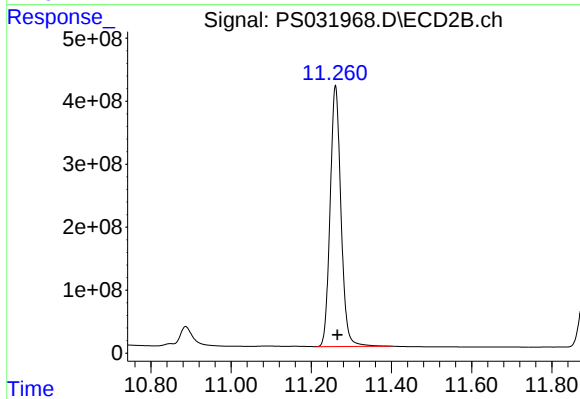
#13 2,4-DB

R.T.: 10.886 min
Delta R.T.: 0.000 min
Response: 677199945
Conc: 632.87 ng/ml m



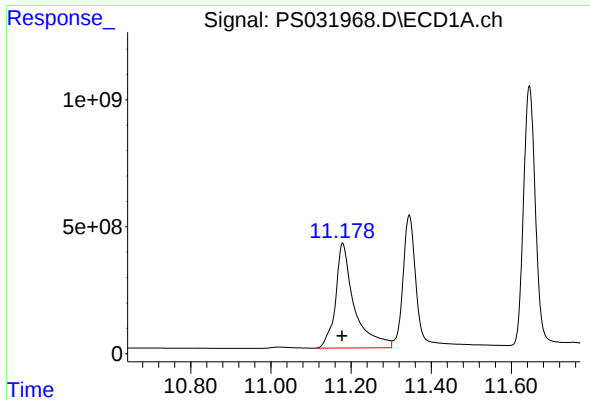
#14 DINOSEB

R.T.: 11.345 min
Delta R.T.: -0.009 min
Response: 11355465602
Conc: 787.33 ng/ml



#14 DINOSEB

R.T.: 11.260 min
Delta R.T.: -0.005 min
Response: 7757899082
Conc: 798.08 ng/ml



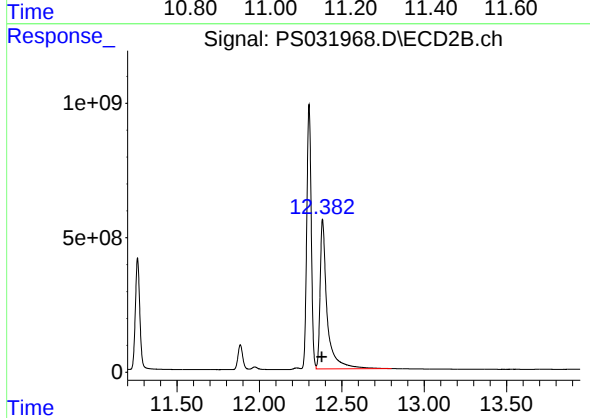
#15 Picloram

R.T.: 11.178 min
Delta R.T.: 0.000 min
Response: 13442228388
Conc: 746.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

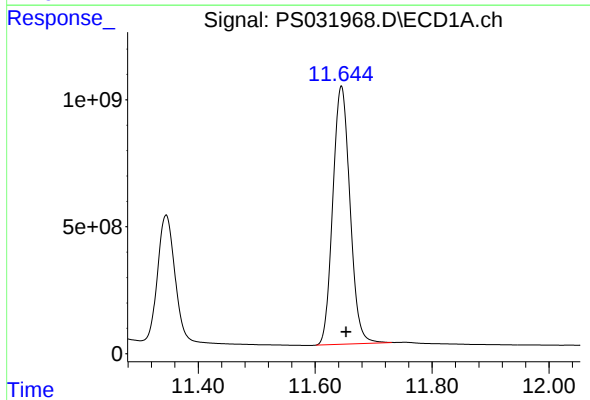
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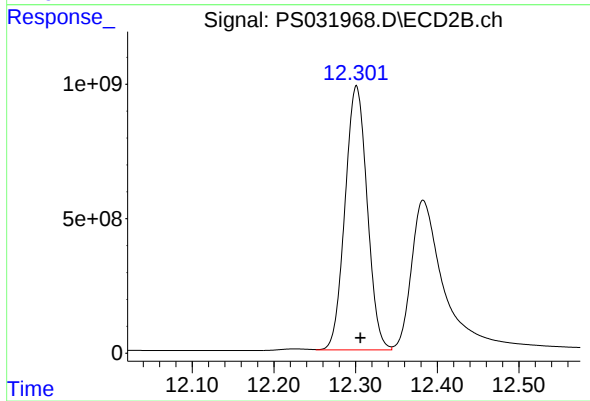
#15 Picloram

R.T.: 12.383 min
Delta R.T.: 0.003 min
Response: 16520474066
Conc: 697.56 ng/ml



#16 DCPA

R.T.: 11.645 min
Delta R.T.: -0.008 min
Response: 20729734417
Conc: 769.20 ng/ml



#16 DCPA

R.T.: 12.301 min
Delta R.T.: -0.005 min
Response: 18483045768
Conc: 766.80 ng/ml