

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101425\
 Data File : PS032002.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2025 16:19
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/15/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 03:21:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 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	7.290	7.738	3583.2E6	852.7E6	751.652	774.901
Target Compounds							
1) T	Dalapon	2.670	2.679	5344.7E6	2465.5E6	691.647	656.008
2) T	3,5-DICHL...	6.457	6.691	4917.6E6	1424.9E6	698.638	683.124
3) T	4-Nitroph...	7.103	7.290	971.3E6	1158.8E6	727.732m	763.646
5) T	DICAMBA	7.474	7.934	14632.4E6	6130.1E6	698.697	707.793
6) T	MCPD	7.653	8.032	909.0E6	178.8E6	74.332m	72.029
7) T	MCPA	7.802	8.280	1059.0E6	274.0E6	71.964	72.640
8) T	DICHLORPROP	8.183	8.654	3260.0E6	1364.0E6	685.712	696.544
9) T	2,4-D	8.421	8.997	3432.8E6	1493.3E6	706.935	718.505
10) T	Pentachlo...	8.719	9.503	48554.4E6	38929.8E6	723.403	751.194
11) T	2,4,5-TP ...	9.291	9.888	20330.4E6	14241.0E6	719.865	709.395
12) T	2,4,5-T	9.590	10.317	18752.0E6	12601.4E6	742.821	735.002
13) T	2,4-DB	10.165	10.885	2435.5E6	977.0E6	785.565	756.130
14) T	DINOSEB	11.358	11.260	15824.1E6	10983.7E6	709.572	722.469
15) T	Picloram	11.190	12.382	19130.1E6	24046.6E6	811.358	722.294
16) T	DCPA	11.658	12.301	26536.4E6	23720.7E6	722.270	714.228

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

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Acq On : 14 Oct 2025 16:19
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

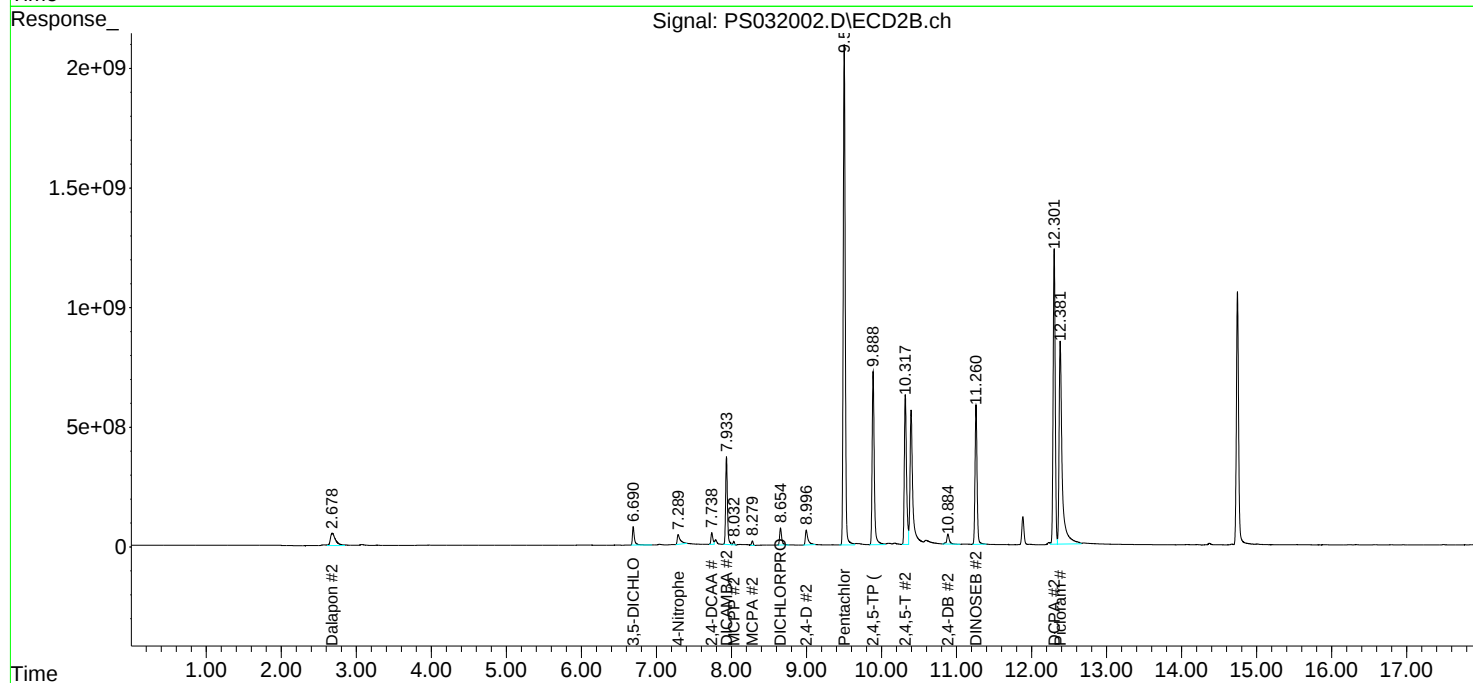
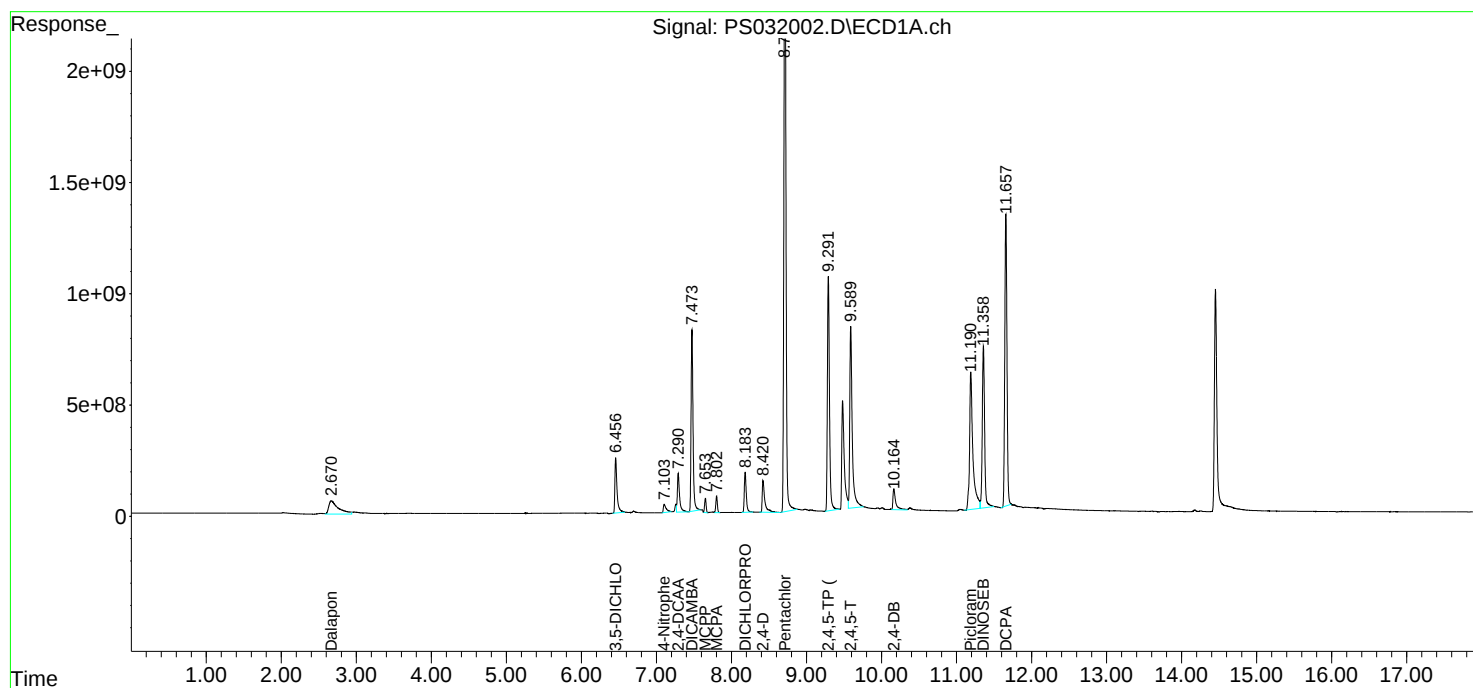
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

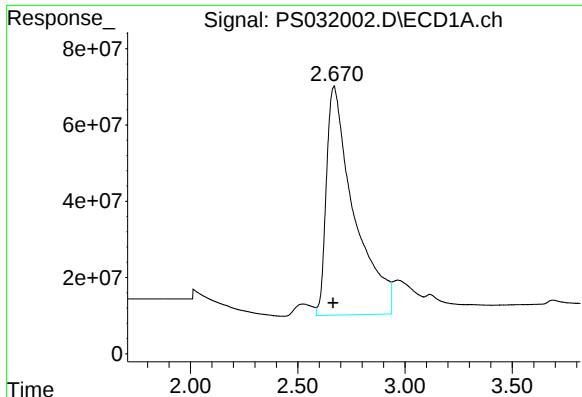
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.670 min
Delta R.T.: 0.005 min
Response: 5344720460
Conc: 691.65 ng/ml

Instrument :

ECD_S

ClientSampleId :

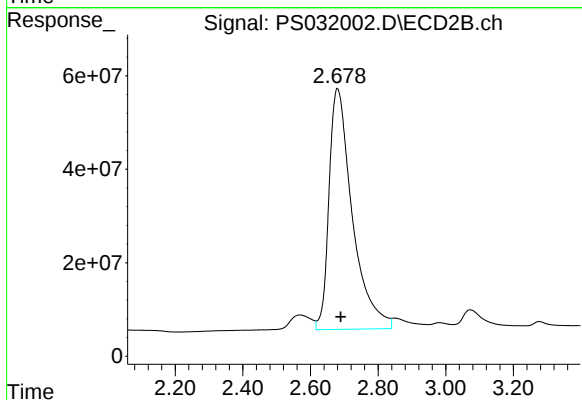
HSTDCCC750

Manual Integrations

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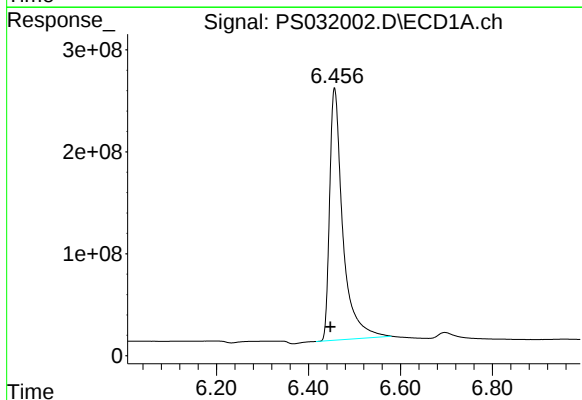
Reviewed By :Abdul Mirza 10/15/2025

Supervised By :mohammad ahmed 10/24/2025



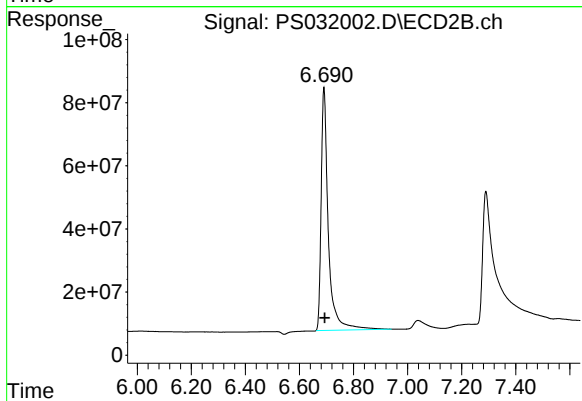
#1 Dalapon

R.T.: 2.679 min
Delta R.T.: -0.010 min
Response: 2465455556
Conc: 656.01 ng/ml



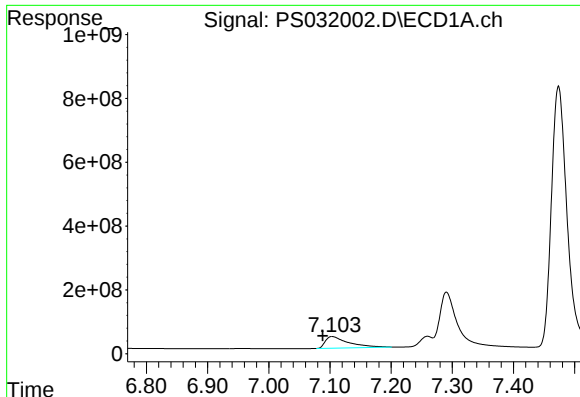
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.457 min
Delta R.T.: 0.009 min
Response: 4917618155
Conc: 698.64 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.691 min
Delta R.T.: -0.003 min
Response: 1424916645
Conc: 683.12 ng/ml



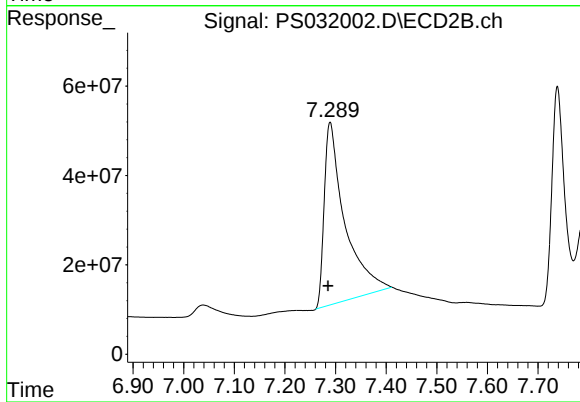
#3 4-Nitrophenol

R.T.: 7.103 min
Delta R.T.: 0.015 min
Response: 971291698
Conc: 727.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

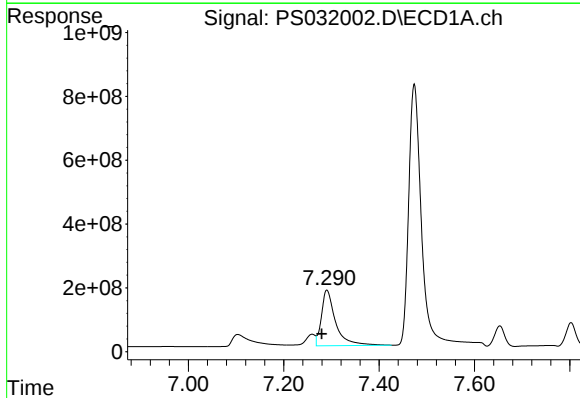
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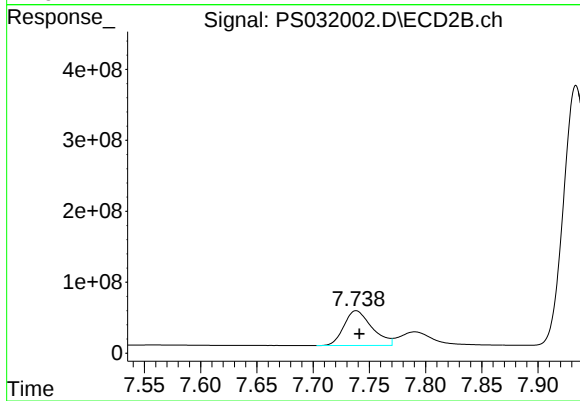
#3 4-Nitrophenol

R.T.: 7.290 min
Delta R.T.: 0.004 min
Response: 1158765677
Conc: 763.65 ng/ml



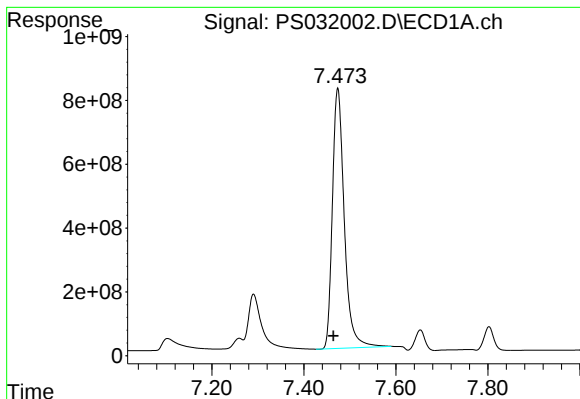
#4 2,4-DCAA

R.T.: 7.290 min
Delta R.T.: 0.011 min
Response: 3583152159
Conc: 751.65 ng/ml



#4 2,4-DCAA

R.T.: 7.738 min
Delta R.T.: -0.003 min
Response: 852655111
Conc: 774.90 ng/ml



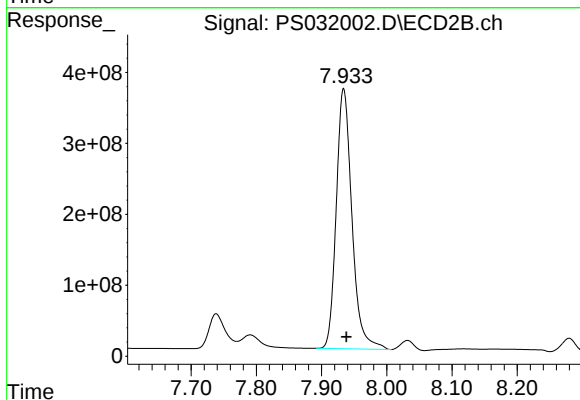
#5 DICAMBA

R.T.: 7.474 min
Delta R.T.: 0.010 min
Response: 14632361987
Conc: 698.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

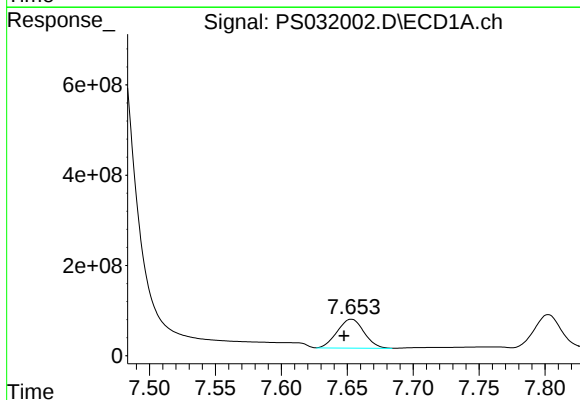
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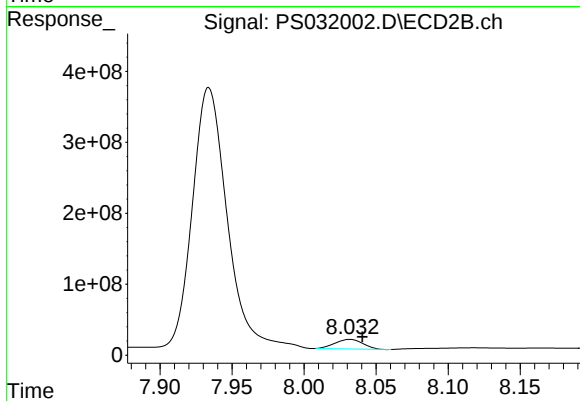
#5 DICAMBA

R.T.: 7.934 min
Delta R.T.: -0.004 min
Response: 6130118233
Conc: 707.79 ng/ml



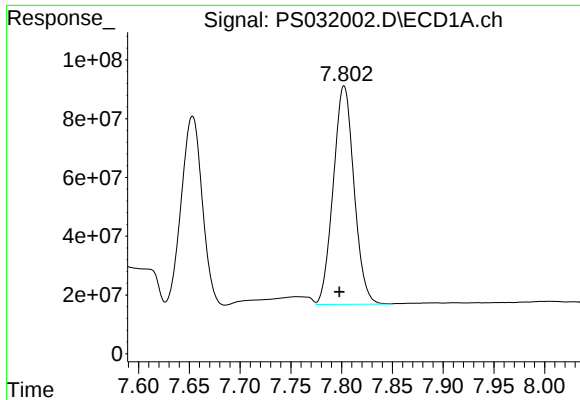
#6 MCP

R.T.: 7.653 min
Delta R.T.: 0.005 min
Response: 908966988
Conc: 74.33 ug/ml m



#6 MCP

R.T.: 8.032 min
Delta R.T.: -0.009 min
Response: 178795241
Conc: 72.03 ug/ml



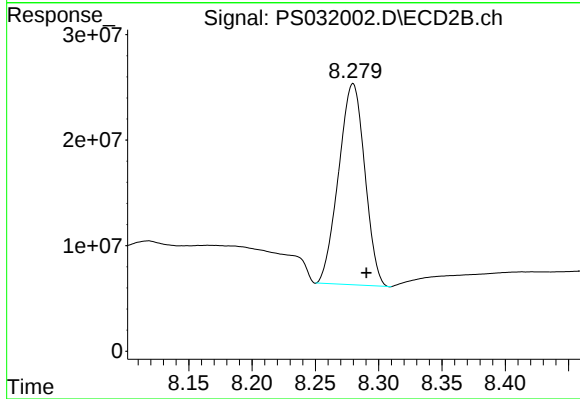
#7 MCPA

R.T.: 7.802 min
Delta R.T.: 0.005 min
Response: 1059035957
Conc: 71.96 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

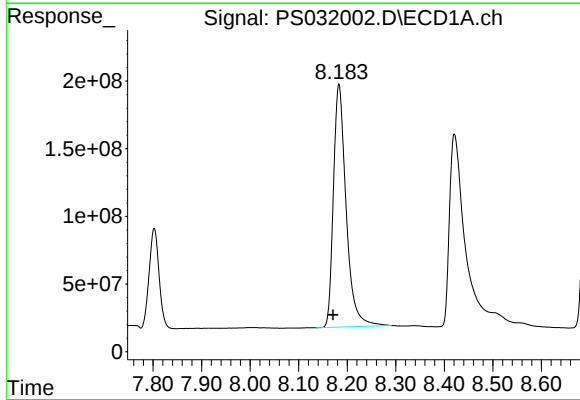
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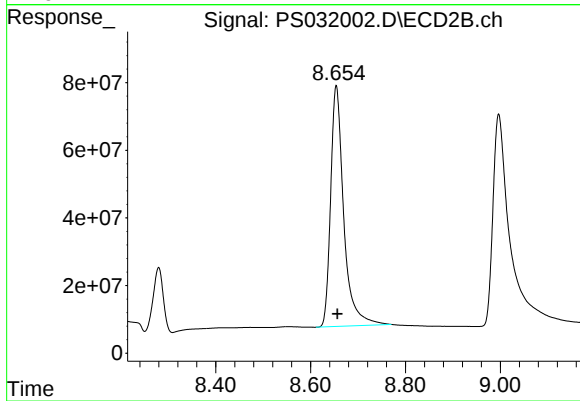
#7 MCPA

R.T.: 8.280 min
Delta R.T.: -0.011 min
Response: 274023676
Conc: 72.64 ug/ml



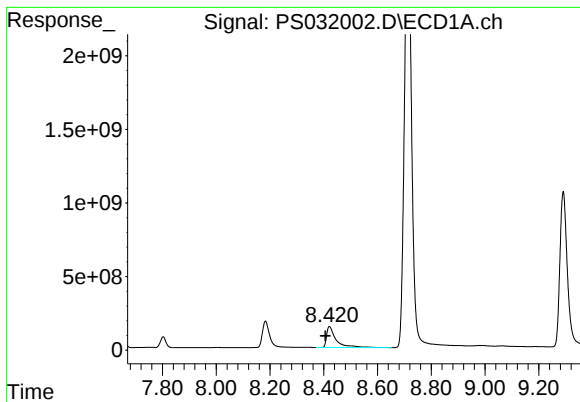
#8 DICHLORPROP

R.T.: 8.183 min
Delta R.T.: 0.012 min
Response: 3259975905
Conc: 685.71 ng/ml



#8 DICHLORPROP

R.T.: 8.654 min
Delta R.T.: -0.002 min
Response: 1364015048
Conc: 696.54 ng/ml



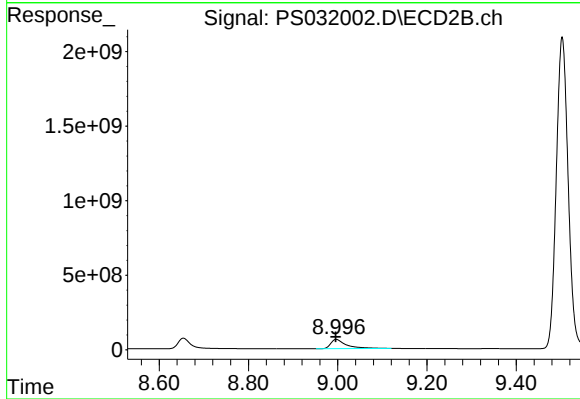
#9 2,4-D

R.T.: 8.421 min
Delta R.T.: 0.015 min
Response: 3432786326
Conc: 706.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

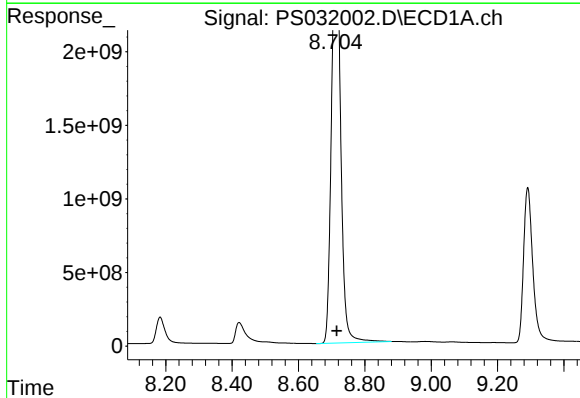
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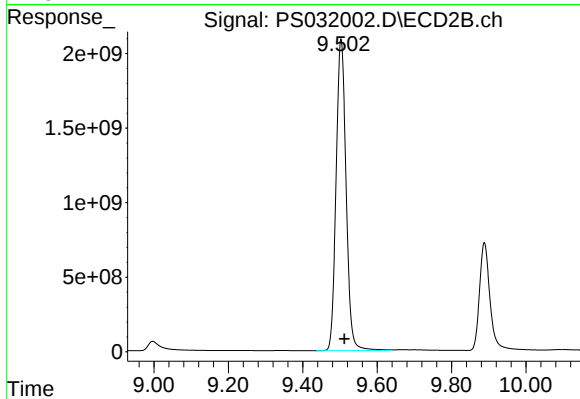
#9 2,4-D

R.T.: 8.997 min
Delta R.T.: 0.001 min
Response: 1493266220
Conc: 718.50 ng/ml



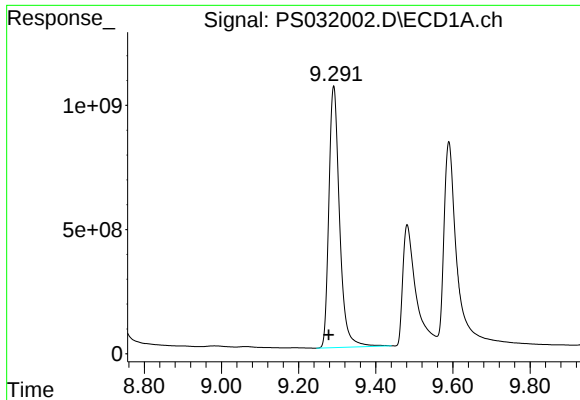
#10 Pentachlorophenol

R.T.: 8.719 min
Delta R.T.: 0.003 min
Response: 48554432497
Conc: 723.40 ng/ml



#10 Pentachlorophenol

R.T.: 9.503 min
Delta R.T.: -0.009 min
Response: 38929756345
Conc: 751.19 ng/ml



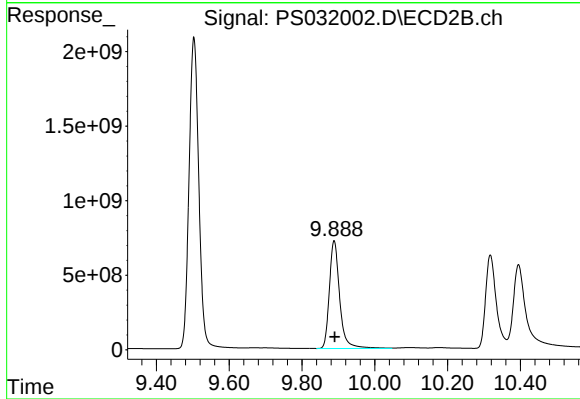
#11 2,4,5-TP (SILVEX)

R.T.: 9.291 min
Delta R.T.: 0.013 min
Response: 20330446958
Conc: 719.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

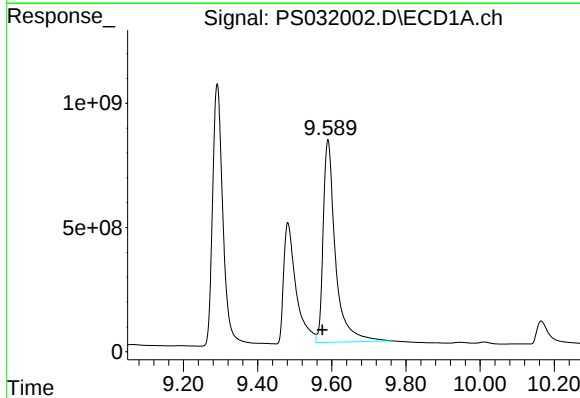
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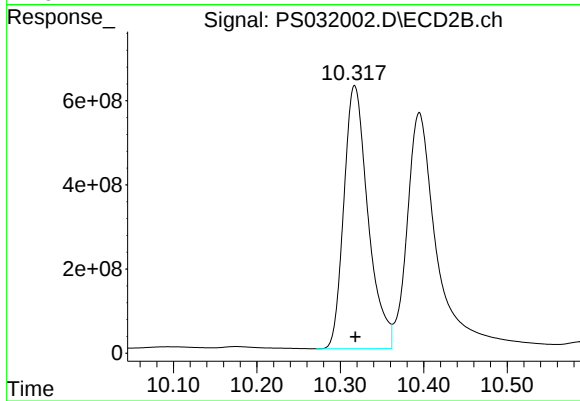
#11 2,4,5-TP (SILVEX)

R.T.: 9.888 min
Delta R.T.: -0.002 min
Response: 14241003812
Conc: 709.39 ng/ml



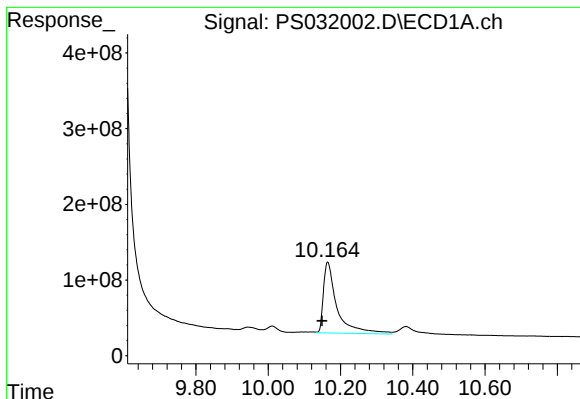
#12 2,4,5-T

R.T.: 9.590 min
Delta R.T.: 0.015 min
Response: 18751961322
Conc: 742.82 ng/ml



#12 2,4,5-T

R.T.: 10.317 min
Delta R.T.: 0.000 min
Response: 12601368829
Conc: 735.00 ng/ml



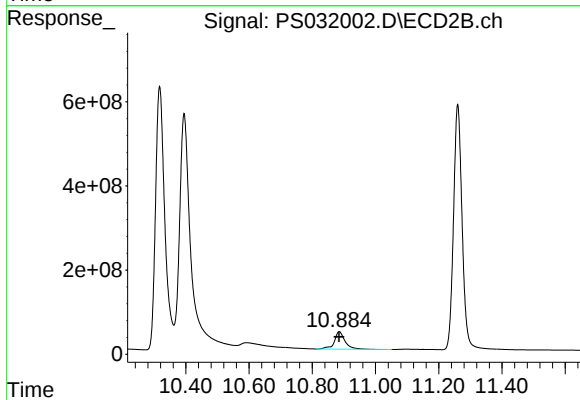
#13 2,4-DB

R.T.: 10.165 min
Delta R.T.: 0.016 min
Response: 2435501970
Conc: 785.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

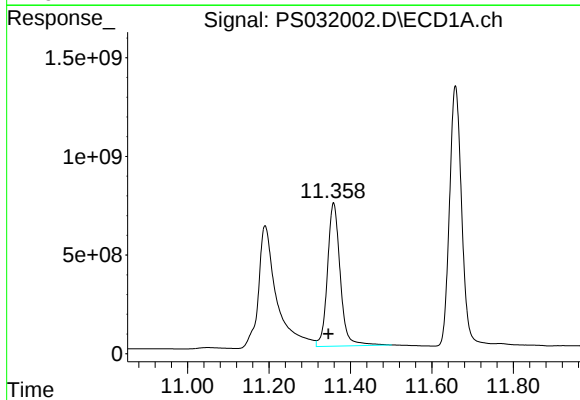
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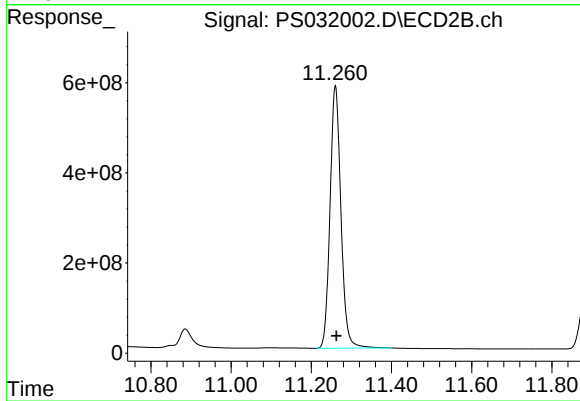
#13 2,4-DB

R.T.: 10.885 min
Delta R.T.: 0.000 min
Response: 976989020
Conc: 756.13 ng/ml



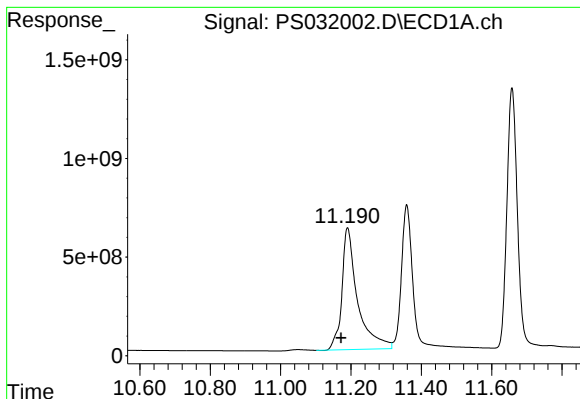
#14 DINOSEB

R.T.: 11.358 min
Delta R.T.: 0.012 min
Response: 15824072899
Conc: 709.57 ng/ml



#14 DINOSEB

R.T.: 11.260 min
Delta R.T.: -0.003 min
Response: 10983744698
Conc: 722.47 ng/ml



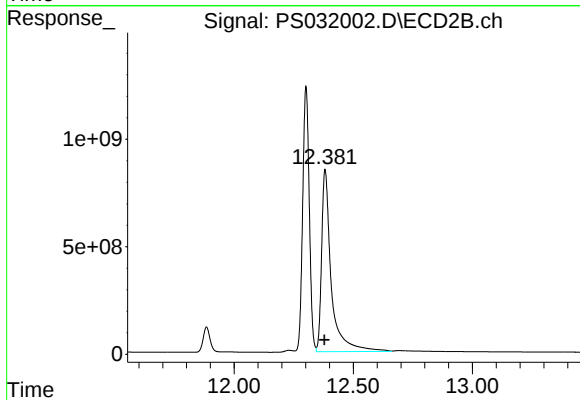
#15 Picloram

R.T.: 11.190 min
Delta R.T.: 0.018 min
Response: 19130088043
Conc: 811.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

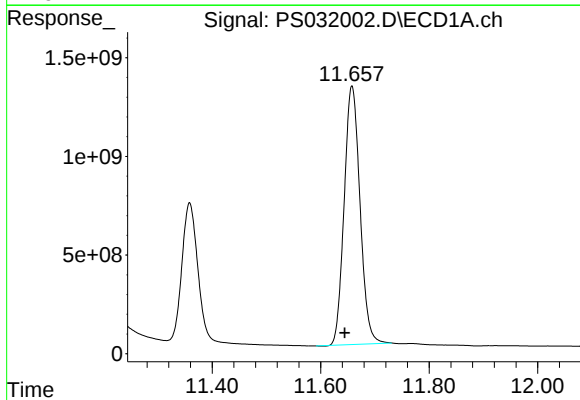
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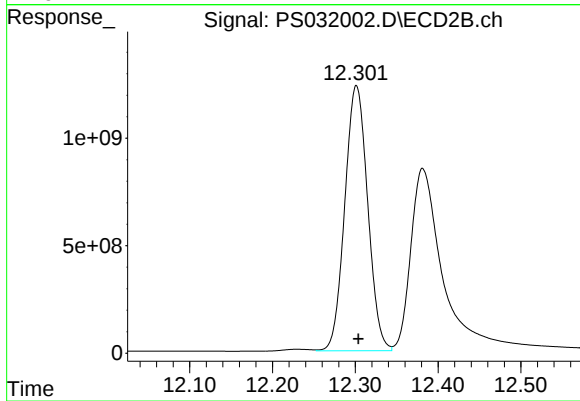
#15 Picloram

R.T.: 12.382 min
Delta R.T.: 0.003 min
Response: 24046625063
Conc: 722.29 ng/ml



#16 DCPA

R.T.: 11.658 min
Delta R.T.: 0.013 min
Response: 26536376236
Conc: 722.27 ng/ml



#16 DCPA

R.T.: 12.301 min
Delta R.T.: -0.002 min
Response: 23720671983
Conc: 714.23 ng/ml