

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102125\
 Data File : PS032102.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 15:53
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/22/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 14:01:22 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	7.283	7.742	3727.4E6	873.8E6	781.916	794.123
Target Compounds							
1) T	Dalapon	2.656	2.683	5843.5E6	2882.7E6	756.191	767.037
2) T	3,5-DICHL...	6.449	6.693	5141.3E6	1368.3E6	730.412	655.991
3) T	4-Nitroph...	7.101	7.298	984.4E6	956.3E6	737.573	630.188
5) T	DICAMBA	7.464	7.936	14939.0E6	6245.4E6	713.337	721.107
6) T	MCPD	7.644	8.033	917.0E6	189.5E6	74.993	76.327
7) T	MCPA	7.793	8.281	1094.3E6	284.7E6	74.360	75.473
8) T	DICHLORPROP	8.175	8.656	3309.8E6	1383.7E6	696.191	706.589
9) T	2,4-D	8.415	9.001	3369.4E6	1466.9E6	693.887	705.834
10) T	Pentachlo...	8.710	9.505	49321.1E6	40529.3E6	734.825	782.058
11) T	2,4,5-TP ...	9.283	9.891	20516.0E6	14675.7E6	726.436	731.048
12) T	2,4,5-T	9.582	10.321	18324.2E6	12512.2E6	725.876	729.804
13) T	2,4-DB	10.161	10.891	1832.6E6	886.3E6	591.106	685.930
14) T	DINOSEB	11.348	11.262	16057.6E6	11213.7E6	720.044	737.591
15) T	Picloram	11.190	12.390	14566.6E6	21269.4E6	617.810m	638.873
16) T	DCPA	11.648	12.303	26818.8E6	24358.9E6	729.956	733.443

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102125\
Data File : PS032102.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:53
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

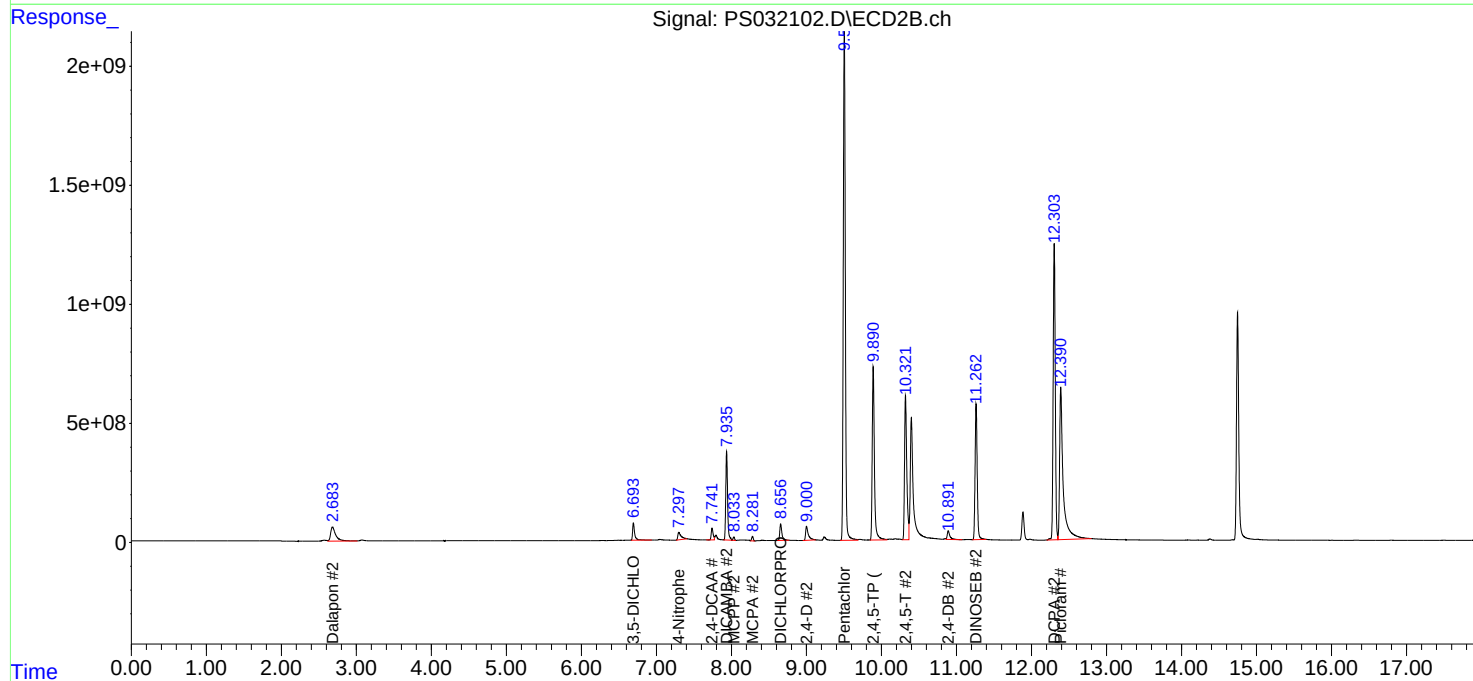
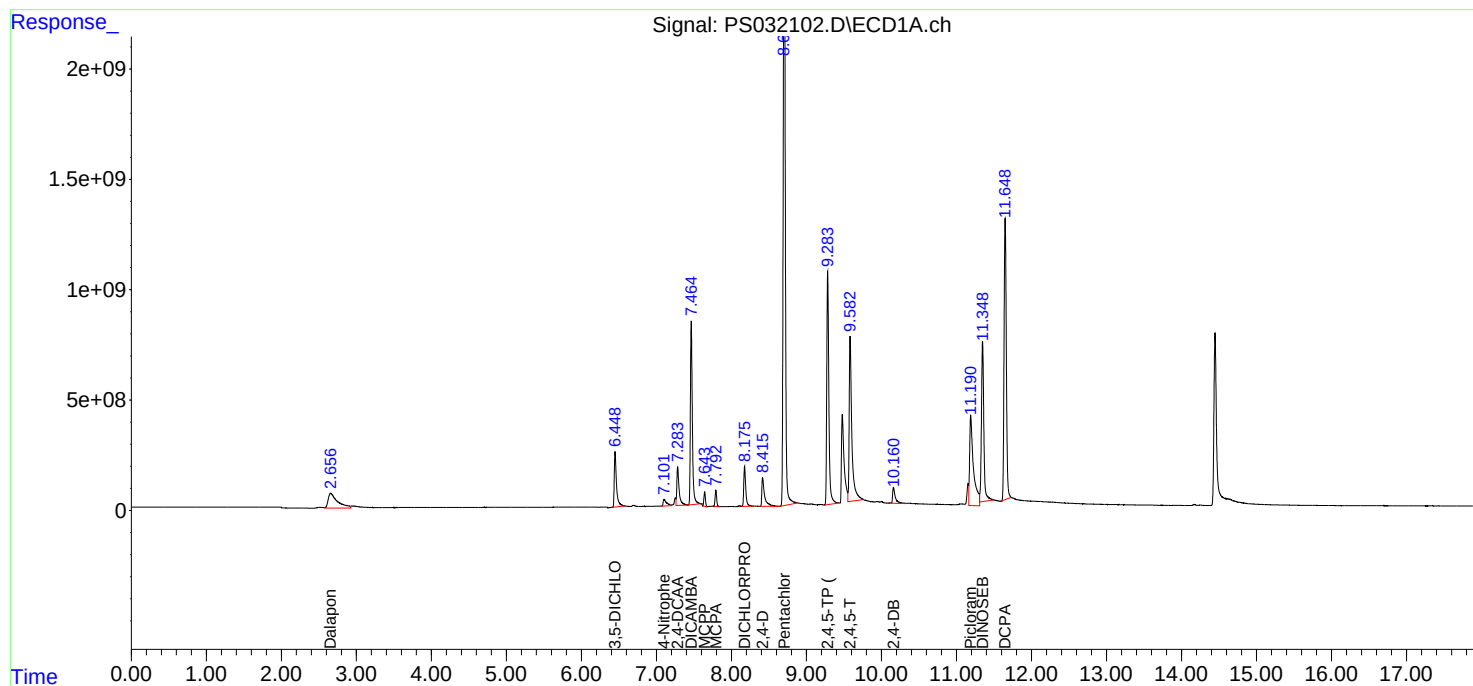
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

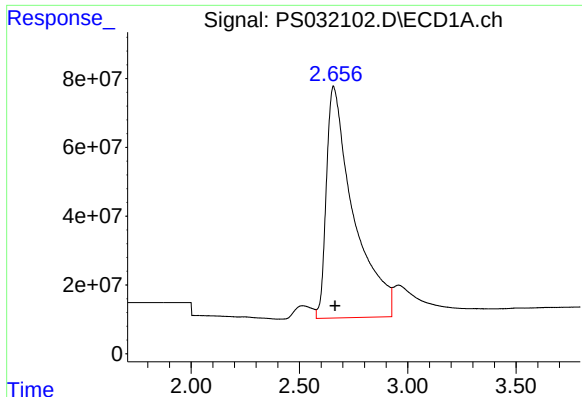
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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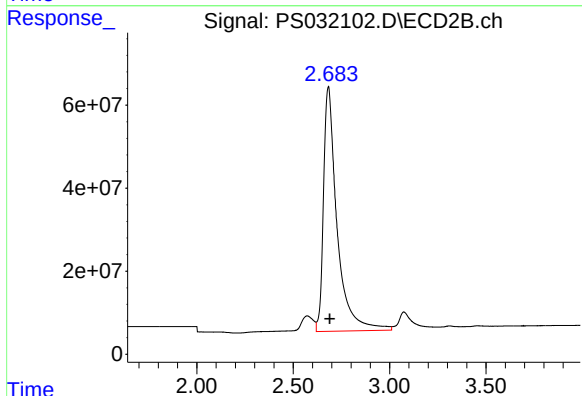
#1 Dalapon

R.T.: 2.656 min
Delta R.T.: -0.009 min
Response: 5843485397
Conc: 756.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

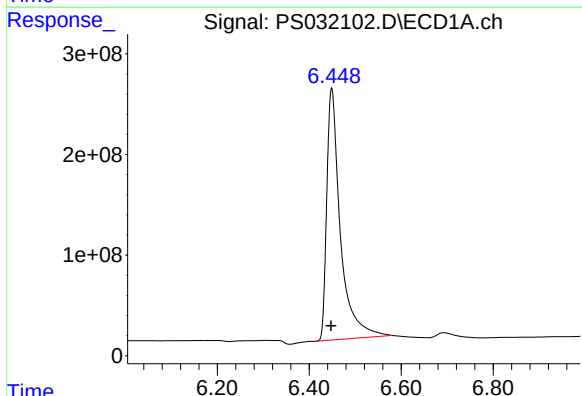
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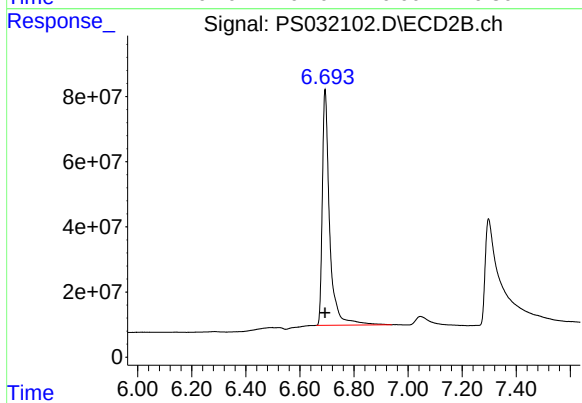
#1 Dalapon

R.T.: 2.683 min
Delta R.T.: -0.006 min
Response: 2882730919
Conc: 767.04 ng/ml



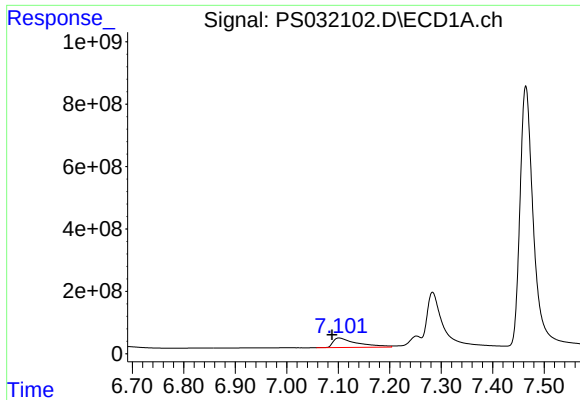
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min
Delta R.T.: 0.001 min
Response: 5141272120
Conc: 730.41 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 1368320462
Conc: 655.99 ng/ml



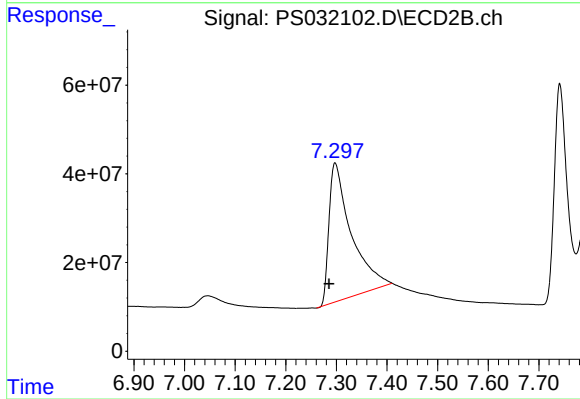
#3 4-Nitrophenol

R.T.: 7.101 min
Delta R.T.: 0.013 min
Response: 984426478
Conc: 737.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

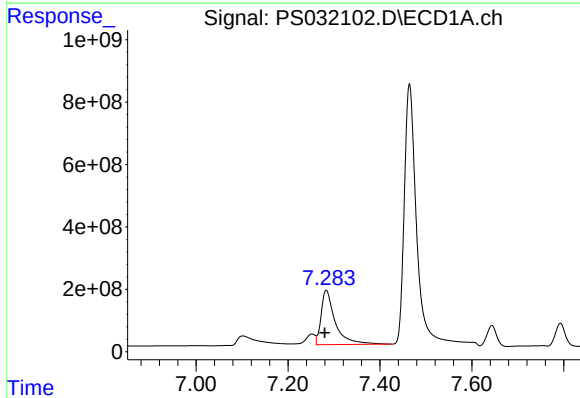
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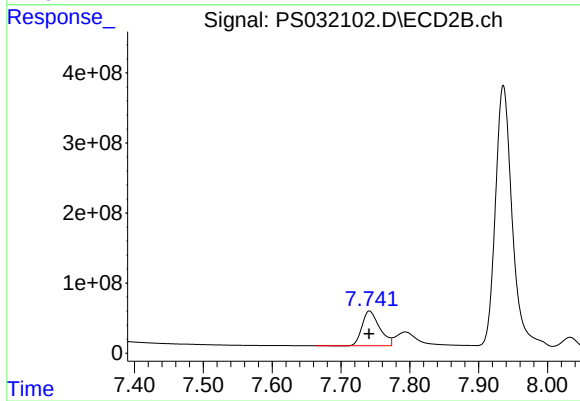
#3 4-Nitrophenol

R.T.: 7.298 min
Delta R.T.: 0.012 min
Response: 956254490
Conc: 630.19 ng/ml



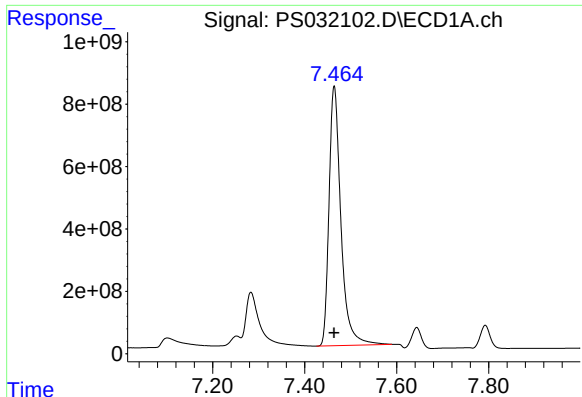
#4 2,4-DCAA

R.T.: 7.283 min
Delta R.T.: 0.004 min
Response: 3727421861
Conc: 781.92 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: 0.000 min
Response: 873805486
Conc: 794.12 ng/ml



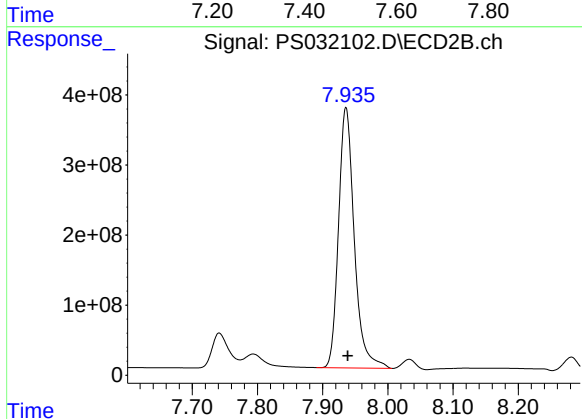
#5 DICAMBA

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 14938975139
Conc: 713.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

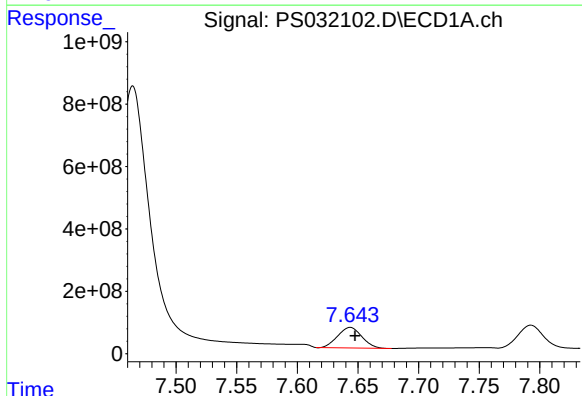
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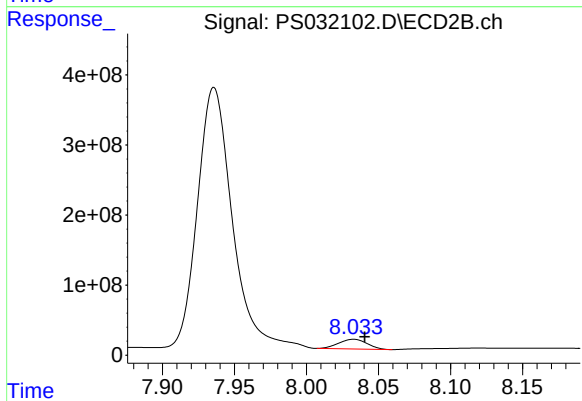
#5 DICAMBA

R.T.: 7.936 min
Delta R.T.: -0.002 min
Response: 6245425024
Conc: 721.11 ng/ml



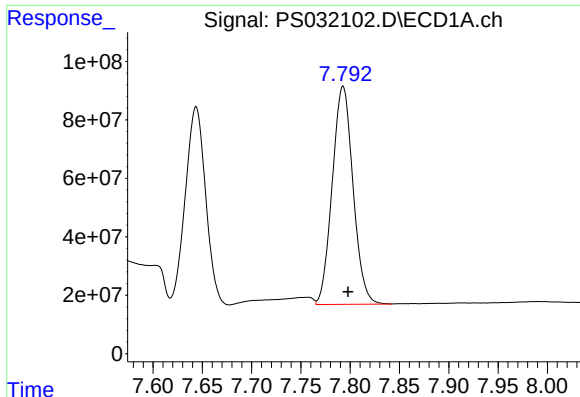
#6 MCPP

R.T.: 7.644 min
Delta R.T.: -0.004 min
Response: 917047555
Conc: 74.99 ug/ml



#6 MCPP

R.T.: 8.033 min
Delta R.T.: -0.008 min
Response: 189463943
Conc: 76.33 ug/ml



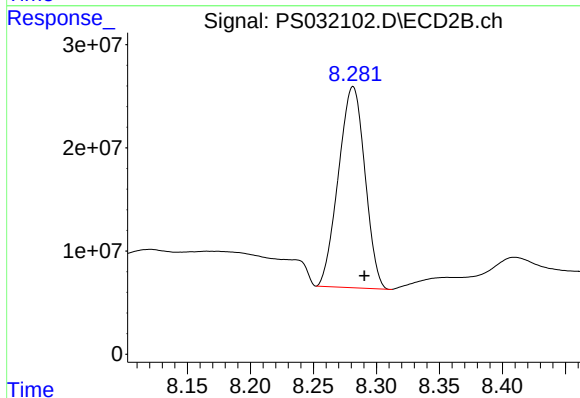
#7 MCPA

R.T.: 7.793 min
Delta R.T.: -0.005 min
Response: 1094296040
Conc: 74.36 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

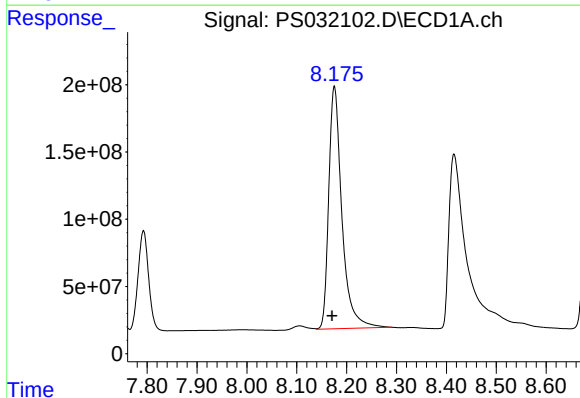
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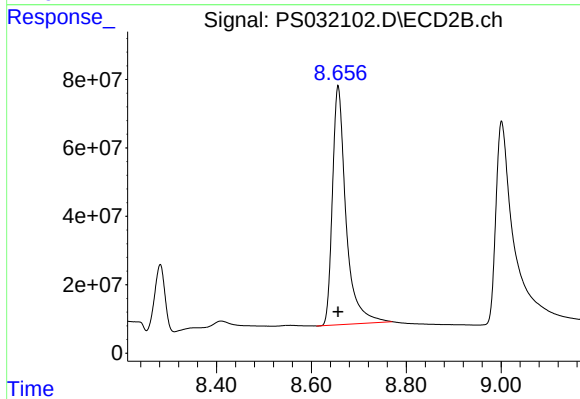
#7 MCPA

R.T.: 8.281 min
Delta R.T.: -0.009 min
Response: 284710447
Conc: 75.47 ug/ml



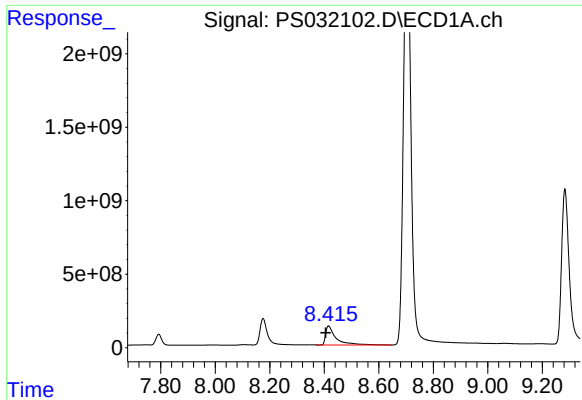
#8 DICHLORPROP

R.T.: 8.175 min
Delta R.T.: 0.005 min
Response: 3309792041
Conc: 696.19 ng/ml



#8 DICHLORPROP

R.T.: 8.656 min
Delta R.T.: 0.000 min
Response: 1383684060
Conc: 706.59 ng/ml



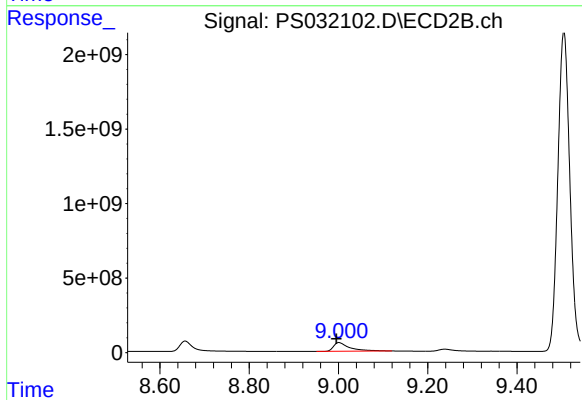
#9 2,4-D

R.T.: 8.415 min
Delta R.T.: 0.009 min
Response: 3369429387
Conc: 693.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

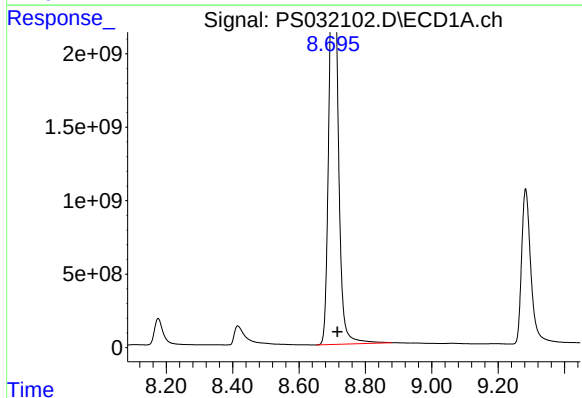
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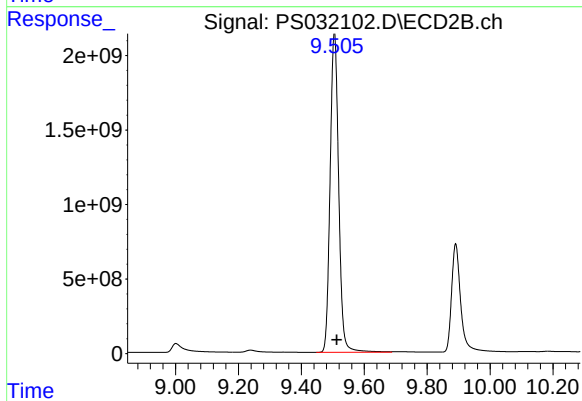
#9 2,4-D

R.T.: 9.001 min
Delta R.T.: 0.006 min
Response: 1466932993
Conc: 705.83 ng/ml



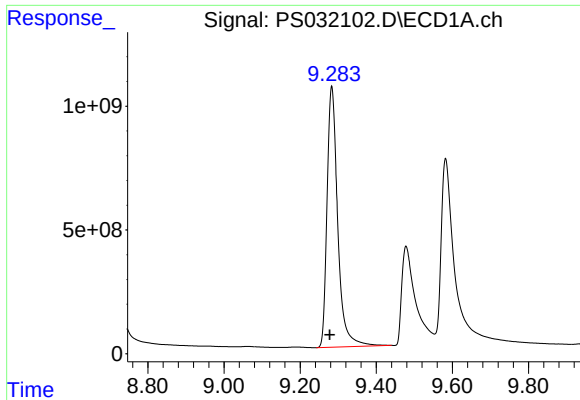
#10 Pentachlorophenol

R.T.: 8.710 min
Delta R.T.: -0.006 min
Response: 49321051334
Conc: 734.82 ng/ml



#10 Pentachlorophenol

R.T.: 9.505 min
Delta R.T.: -0.007 min
Response: 40529260473
Conc: 782.06 ng/ml



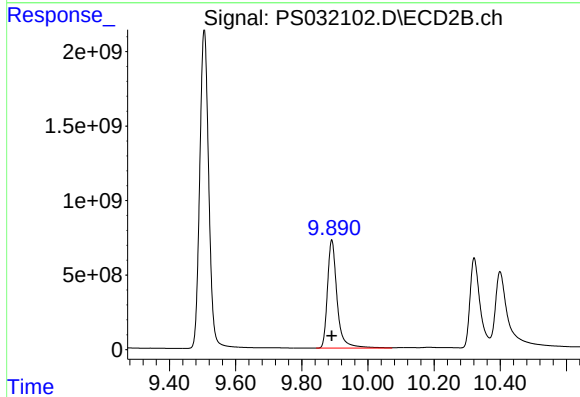
#11 2,4,5-TP (SILVEX)

R.T.: 9.283 min
Delta R.T.: 0.005 min
Response: 20516034885
Conc: 726.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

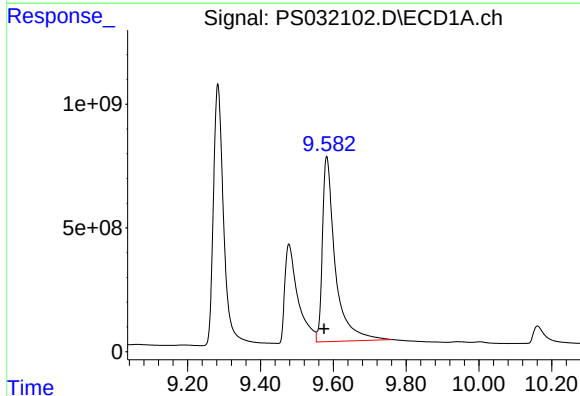
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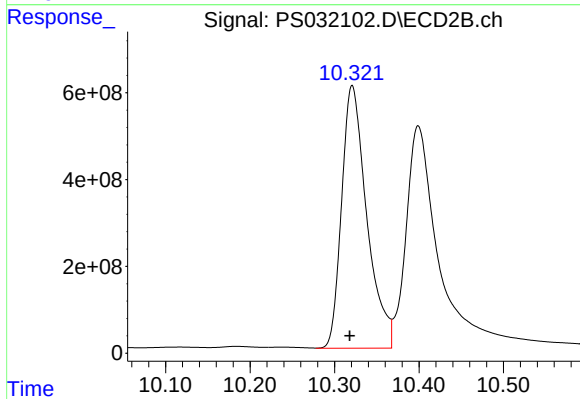
#11 2,4,5-TP (SILVEX)

R.T.: 9.891 min
Delta R.T.: 0.000 min
Response: 14675682096
Conc: 731.05 ng/ml



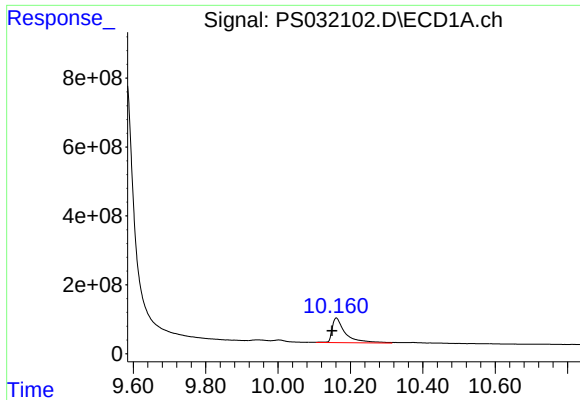
#12 2,4,5-T

R.T.: 9.582 min
Delta R.T.: 0.008 min
Response: 18324201405
Conc: 725.88 ng/ml



#12 2,4,5-T

R.T.: 10.321 min
Delta R.T.: 0.003 min
Response: 12512247216
Conc: 729.80 ng/ml



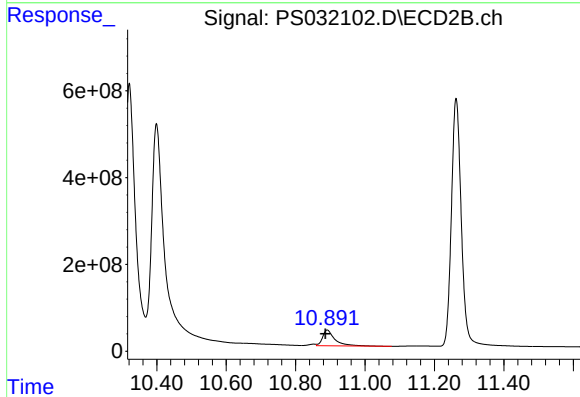
#13 2,4-DB

R.T.: 10.161 min
Delta R.T.: 0.012 min
Response: 1832615738
Conc: 591.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

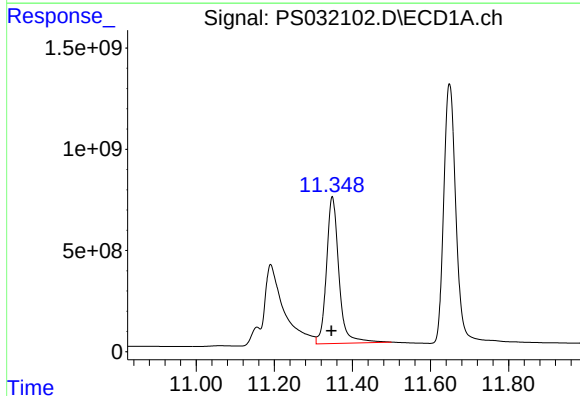
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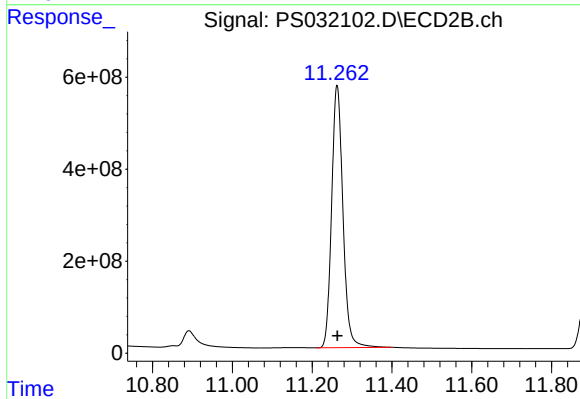
#13 2,4-DB

R.T.: 10.891 min
Delta R.T.: 0.006 min
Response: 886284572
Conc: 685.93 ng/ml



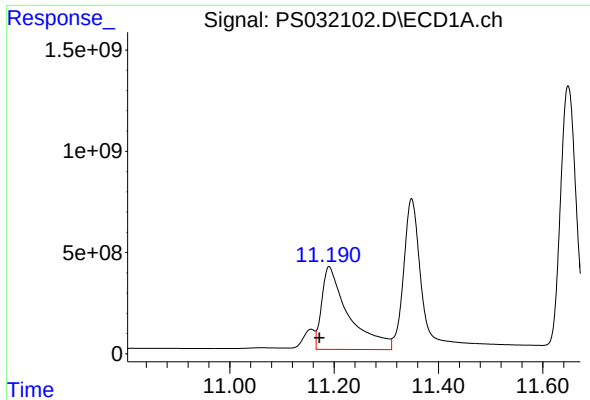
#14 DINOSEB

R.T.: 11.348 min
Delta R.T.: 0.002 min
Response: 16057612464
Conc: 720.04 ng/ml



#14 DINOSEB

R.T.: 11.262 min
Delta R.T.: 0.000 min
Response: 11213657453
Conc: 737.59 ng/ml



#15 Picloram

R.T.: 11.190 min
Delta R.T.: 0.018 min
Response: 14566637267
Conc: 617.81 ng/ml

Instrument :

ECD_S

ClientSampleId :

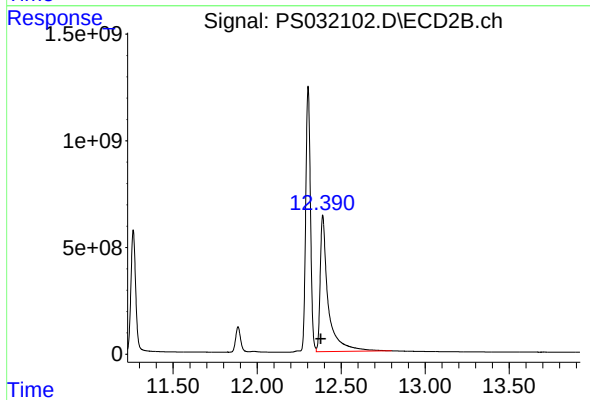
HSTDCCC750

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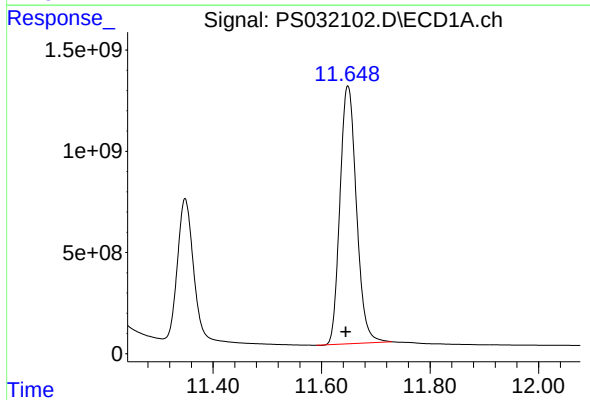
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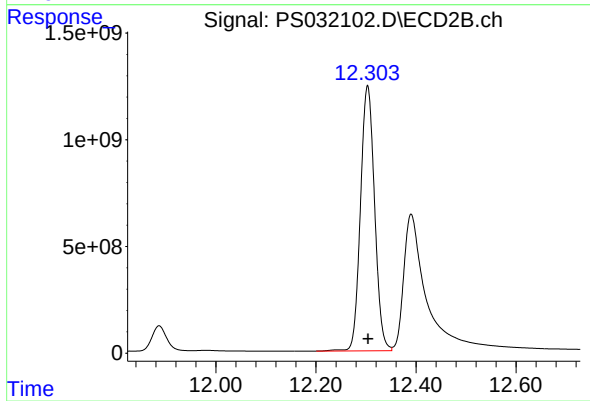
#15 Picloram

R.T.: 12.390 min
Delta R.T.: 0.011 min
Response: 21269357855
Conc: 638.87 ng/ml



#16 DCPA

R.T.: 11.648 min
Delta R.T.: 0.004 min
Response: 26818755483
Conc: 729.96 ng/ml



#16 DCPA

R.T.: 12.303 min
Delta R.T.: 0.000 min
Response: 24358854945
Conc: 733.44 ng/ml