

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032425\
 Data File : PS029520.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2025 15:15
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/24/2025
 Supervised By : mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 15:34:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032025.M
 Quant Title : 8080.M
 QLast Update : Fri Mar 21 04:46:07 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	7.153	7.581	3100.4E6	666.4E6	749.238	766.408
Target Compounds							
1) T	Dalapon	2.592	2.631	4051.1E6	1457.9E6	722.195	722.376
2) T	3,5-DICHL...	6.336	6.563	4116.1E6	943.6E6	707.427	707.830
3) T	4-Nitroph...	6.953	7.117	1378.9E6	468.8E6	731.223	651.286
5) T	DICAMBA	7.334	7.772	12630.0E6	3635.8E6	704.299	709.353
6) T	MCPD	7.515	7.877	894.0E6	149.5E6	67.739	64.668
7) T	MCPA	7.663	8.113	1177.9E6	204.0E6	68.337	67.972
8) T	DICHLORPROP	8.034	8.474	3223.4E6	866.5E6	698.064	715.961
9) T	2,4-D	8.264	8.797	3224.5E6	868.2E6	712.830	723.024
10) T	Pentachlo...	8.559	9.309	43508.3E6	16909.1E6	775.248	729.081
11) T	2,4,5-TP ...	9.129	9.684	17539.2E6	6531.0E6	709.870	726.938
12) T	2,4,5-T	9.421	10.096	17877.3E6	5741.2E6	717.735	736.575
13) T	2,4-DB	9.989	10.656	2746.7E6	547.9E6	751.390	728.168
14) T	DINOSEB	11.181	11.030	12000.3E6	4210.4E6	689.394	729.469
15) T	Picloram	10.997	12.096f	20609.6E6	7880.7E6	684.147	694.397
16) T	DCPA	11.478	12.057	21235.4E6	8690.6E6	708.891	726.864m

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

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Sample : HSTDCCC750
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ALS Vial : 3 Sample Multiplier: 1

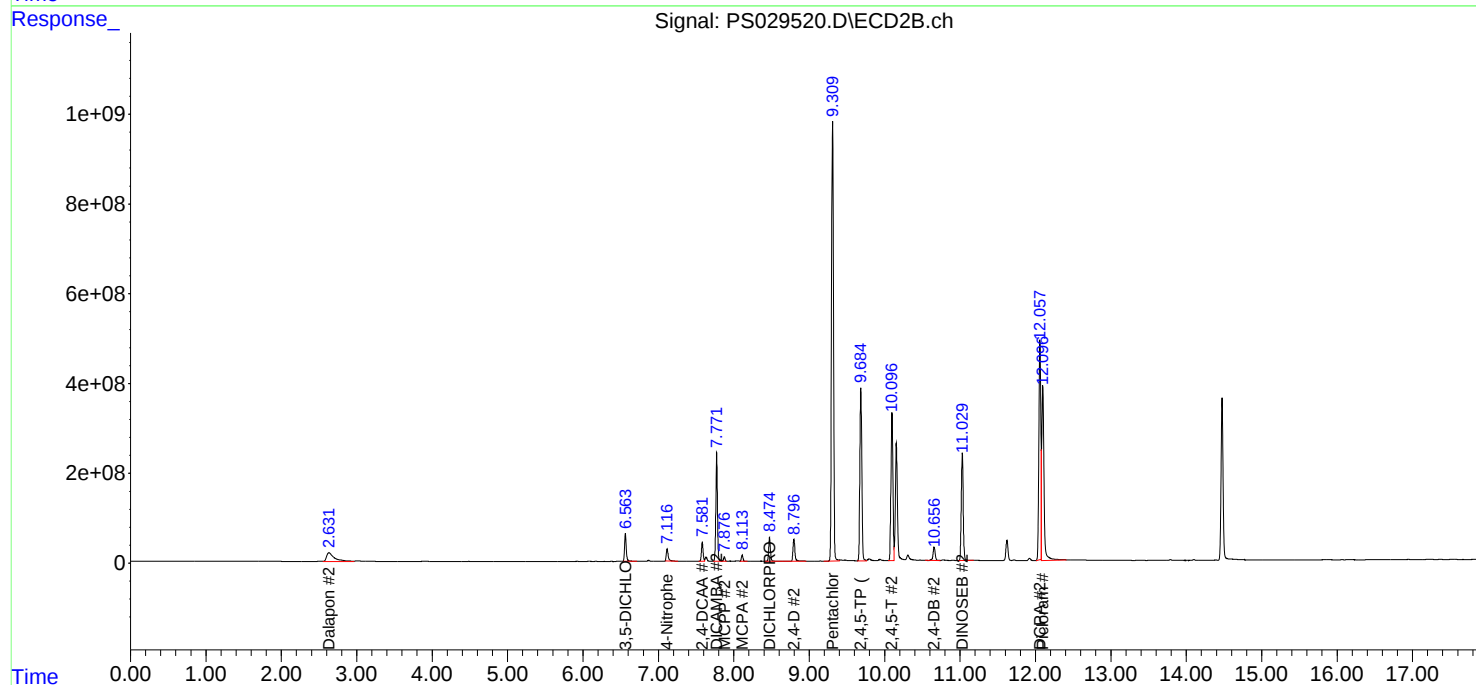
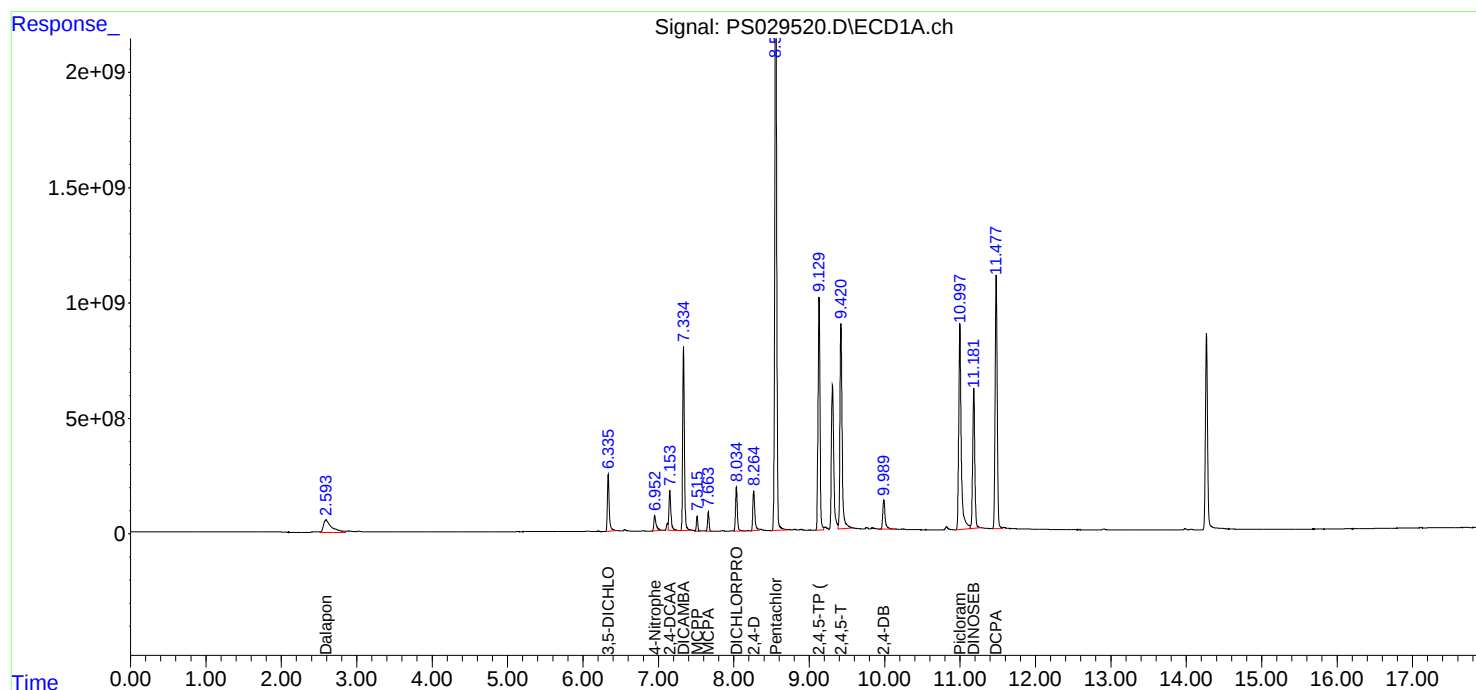
Instrument :
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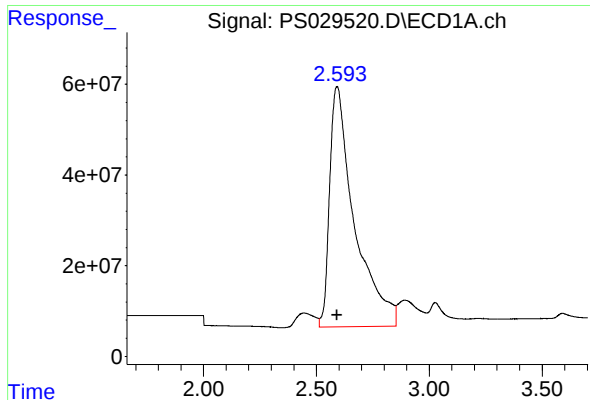
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Supervised By :mohammad ahmed 03/26/2025

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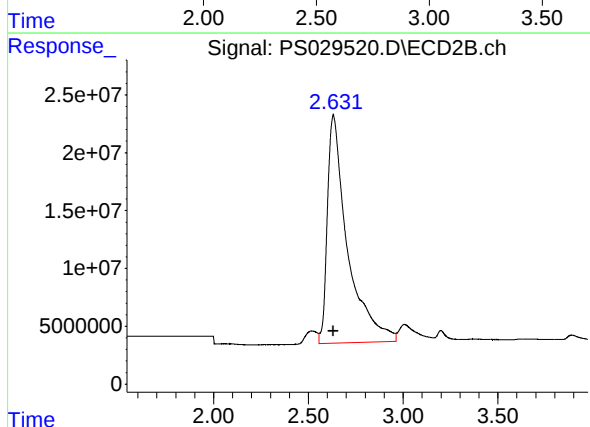
#1 Dalapon

R.T.: 2.592 min
Delta R.T.: 0.001 min
Response: 4051142888
Conc: 722.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

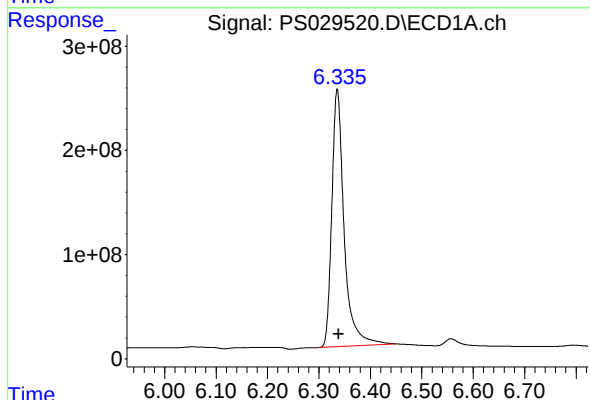
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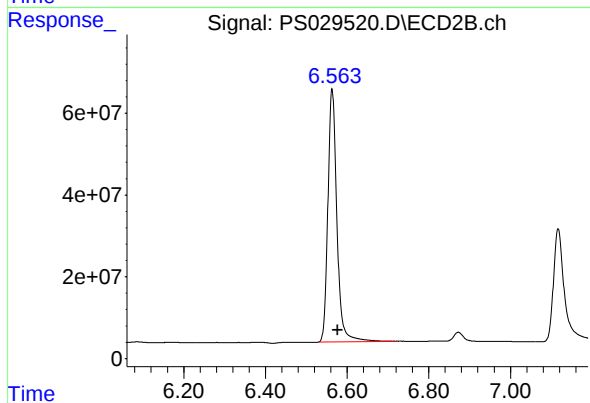
#1 Dalapon

R.T.: 2.631 min
Delta R.T.: 0.000 min
Response: 1457945720
Conc: 722.38 ng/ml



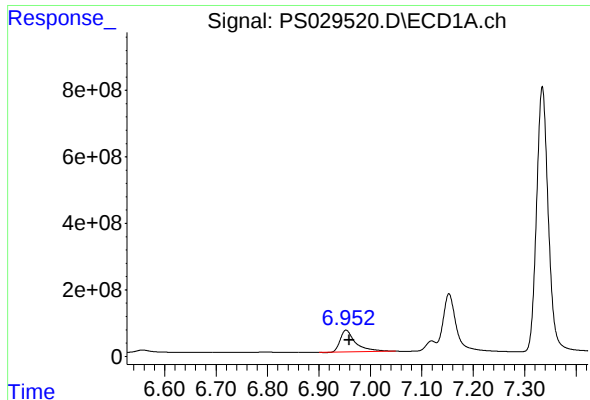
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 4116101762
Conc: 707.43 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.563 min
Delta R.T.: -0.013 min
Response: 943625457
Conc: 707.83 ng/ml



#3 4-Nitrophenol

R.T.: 6.953 min
Delta R.T.: -0.006 min
Response: 1378944032
Conc: 731.22 ng/ml

Instrument :

ECD_S

ClientSampleId :

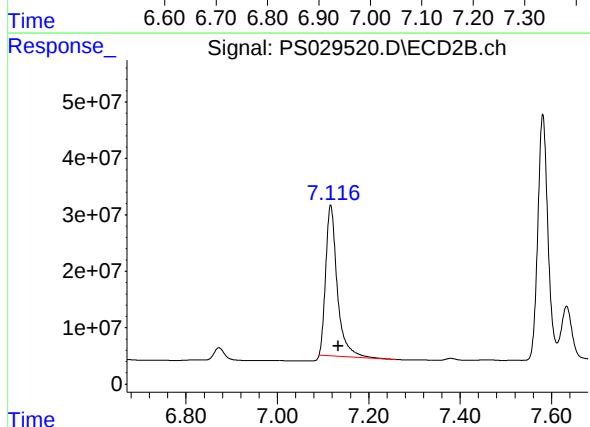
HSTDCCC750

Manual Integrations

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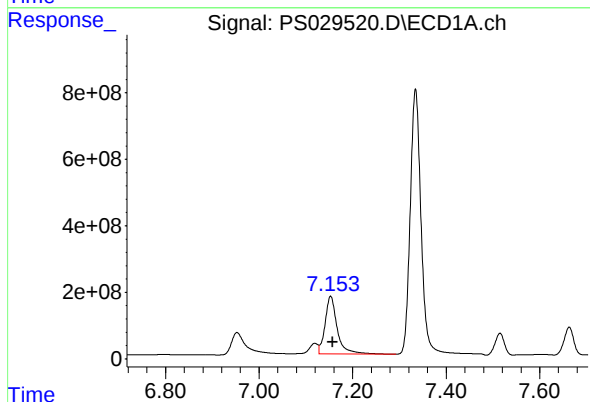
Reviewed By :Abdul Mirza 03/24/2025

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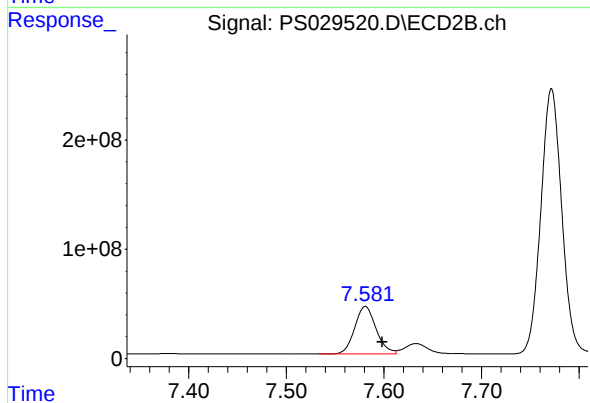
#3 4-Nitrophenol

R.T.: 7.117 min
Delta R.T.: -0.017 min
Response: 468839221
Conc: 651.29 ng/ml



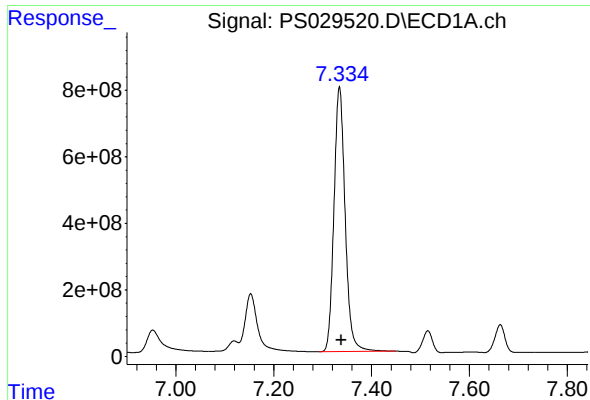
#4 2,4-DCAA

R.T.: 7.153 min
Delta R.T.: -0.004 min
Response: 3100366093
Conc: 749.24 ng/ml



#4 2,4-DCAA

R.T.: 7.581 min
Delta R.T.: -0.018 min
Response: 666384637
Conc: 766.41 ng/ml



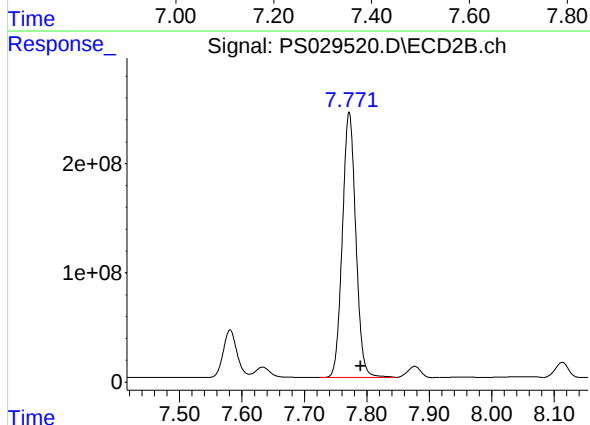
#5 DICAMBA

R.T.: 7.334 min
Delta R.T.: -0.003 min
Response: 12630036408
Conc: 704.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

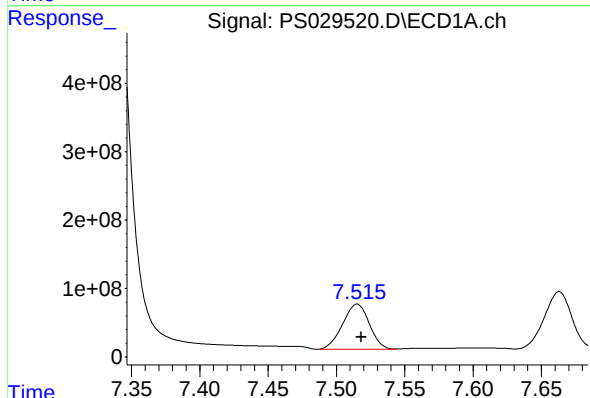
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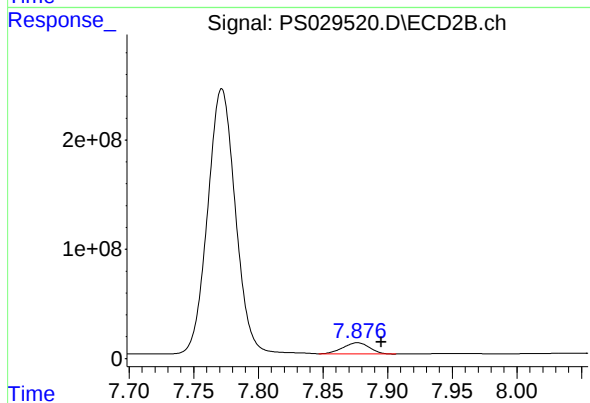
#5 DICAMBA

R.T.: 7.772 min
Delta R.T.: -0.018 min
Response: 3635811494
Conc: 709.35 ng/ml



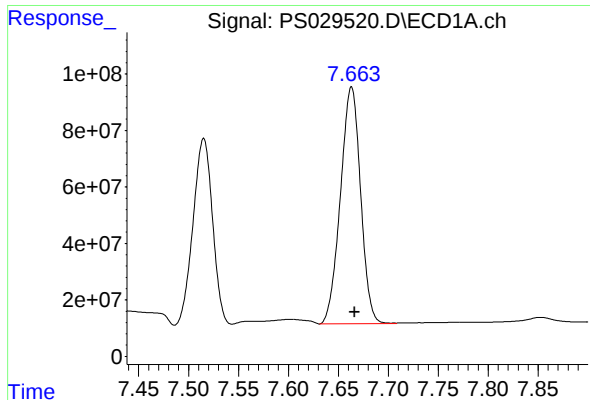
#6 MCP

R.T.: 7.515 min
Delta R.T.: -0.003 min
Response: 894041095
Conc: 67.74 ug/ml



#6 MCP

R.T.: 7.877 min
Delta R.T.: -0.019 min
Response: 149452382
Conc: 64.67 ug/ml



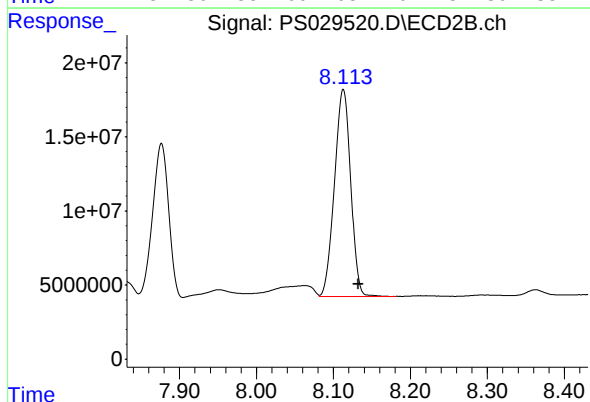
#7 MCPA

R.T.: 7.663 min
Delta R.T.: -0.003 min
Response: 1177941954
Conc: 68.34 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

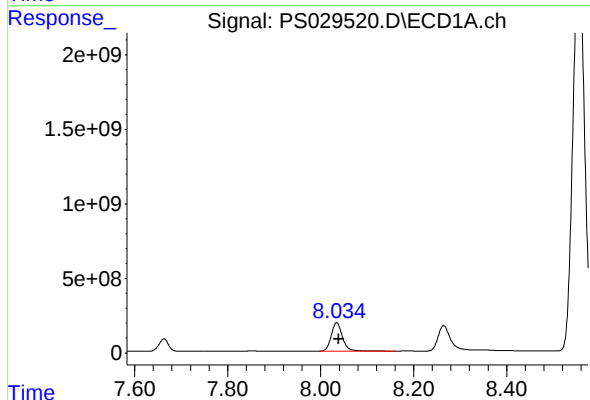
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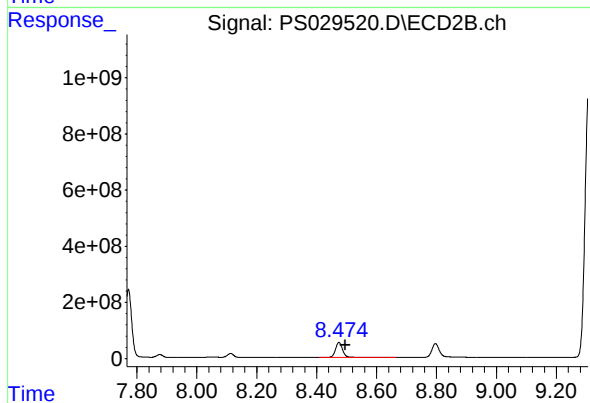
#7 MCPA

R.T.: 8.113 min
Delta R.T.: -0.020 min
Response: 203986479
Conc: 67.97 ug/ml



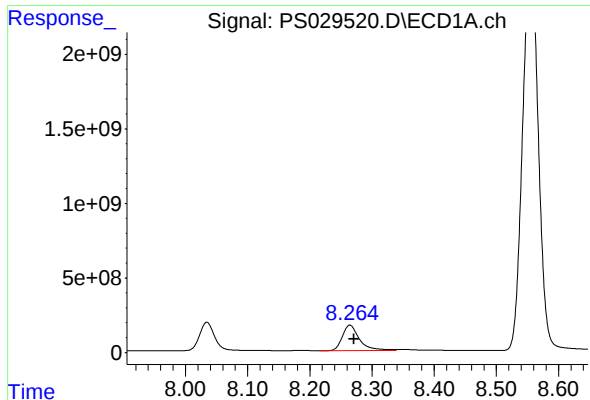
#8 DICHLORPROP

R.T.: 8.034 min
Delta R.T.: -0.004 min
Response: 3223391991
Conc: 698.06 ng/ml



#8 DICHLORPROP

R.T.: 8.474 min
Delta R.T.: -0.021 min
Response: 866514298
Conc: 715.96 ng/ml



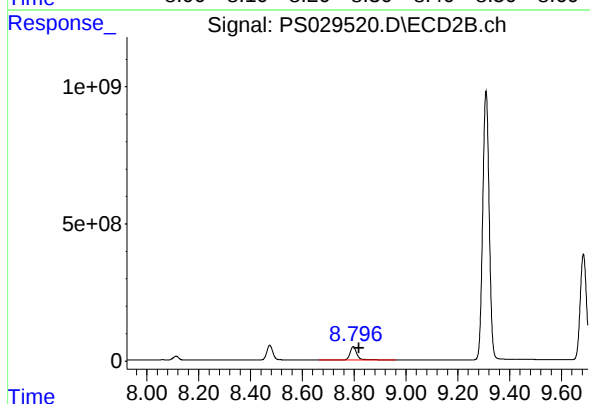
#9 2,4-D

R.T.: 8.264 min
Delta R.T.: -0.007 min
Response: 3224537680
Conc: 712.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

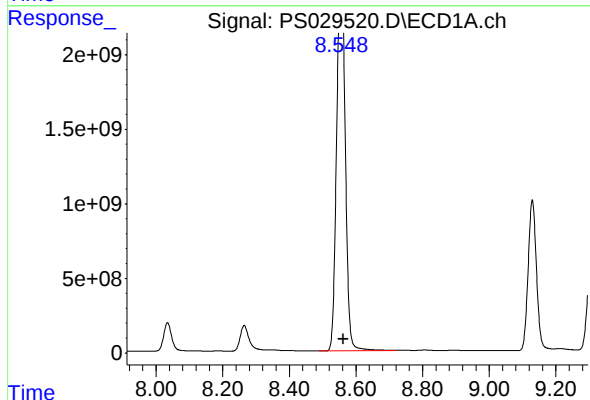
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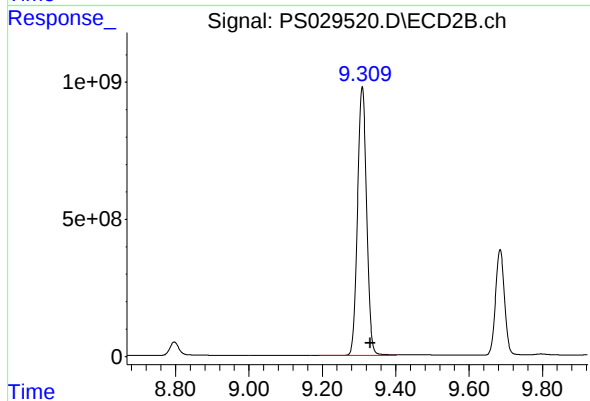
#9 2,4-D

R.T.: 8.797 min
Delta R.T.: -0.023 min
Response: 868180488
Conc: 723.02 ng/ml



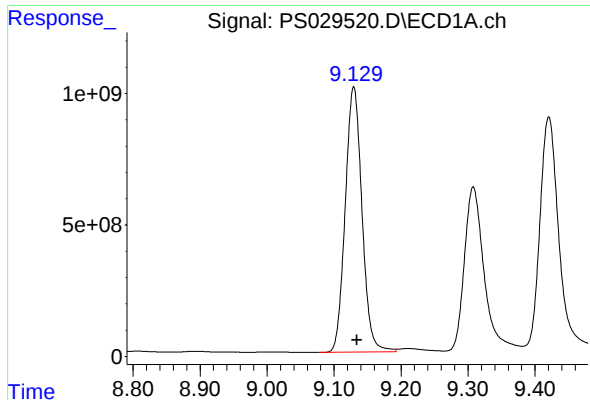
#10 Pentachlorophenol

R.T.: 8.559 min
Delta R.T.: -0.003 min
Response: 43508287359
Conc: 775.25 ng/ml



#10 Pentachlorophenol

R.T.: 9.309 min
Delta R.T.: -0.022 min
Response: 16909136742
Conc: 729.08 ng/ml



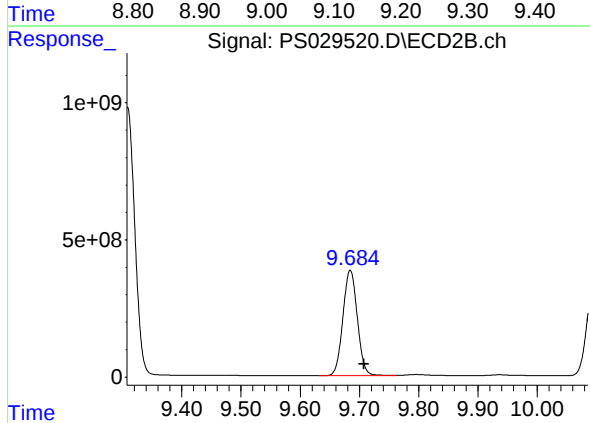
#11 2,4,5-TP (SILVEX)

R.T.: 9.129 min
Delta R.T.: -0.005 min
Response: 17539161154
Conc: 709.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

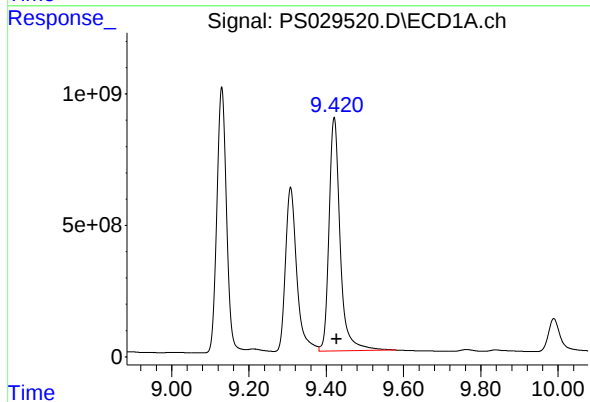
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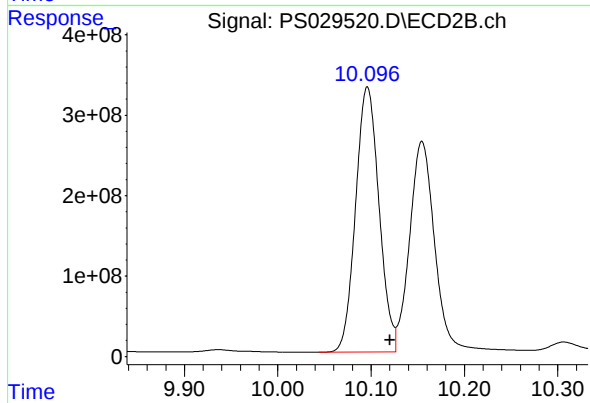
#11 2,4,5-TP (SILVEX)

R.T.: 9.684 min
Delta R.T.: -0.023 min
Response: 6530964690
Conc: 726.94 ng/ml



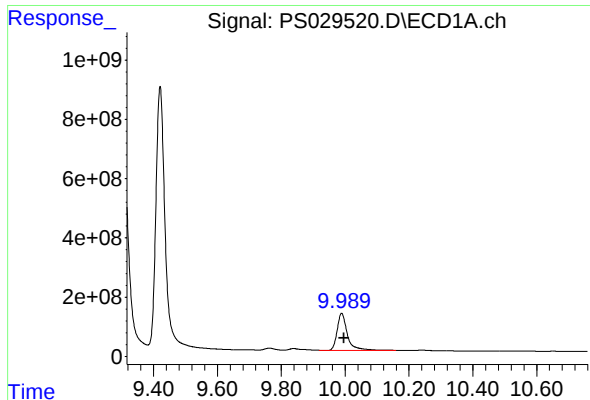
#12 2,4,5-T

R.T.: 9.421 min
Delta R.T.: -0.006 min
Response: 17877346956
Conc: 717.74 ng/ml



#12 2,4,5-T

R.T.: 10.096 min
Delta R.T.: -0.024 min
Response: 5741229676
Conc: 736.58 ng/ml



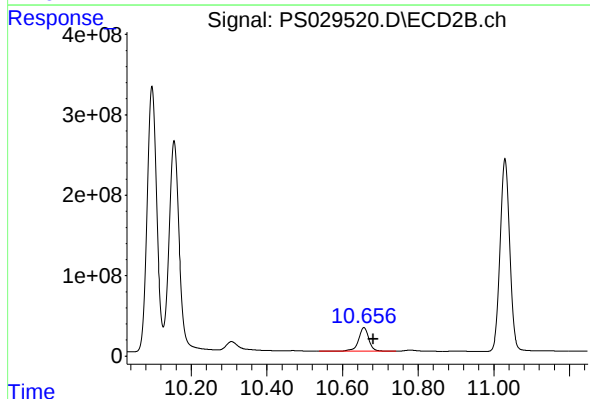
#13 2,4-DB

R.T.: 9.989 min
Delta R.T.: -0.008 min
Response: 2746668323
Conc: 751.39 ng/ml

Instrument :
ECD_S
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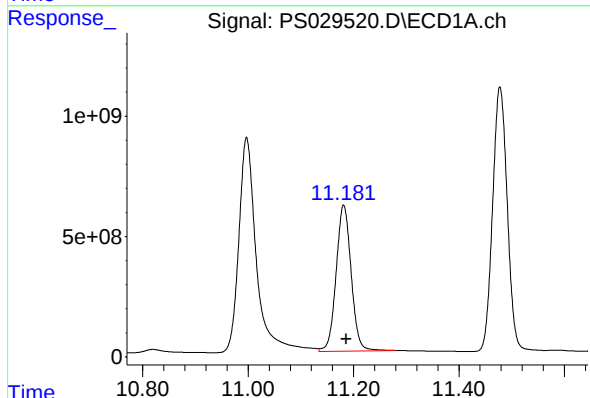
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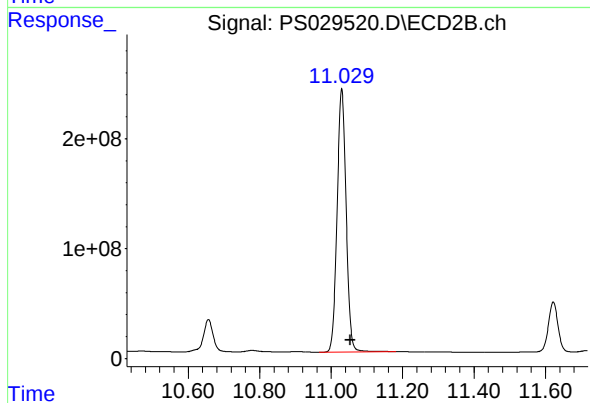
#13 2,4-DB

R.T.: 10.656 min
Delta R.T.: -0.025 min
Response: 547944980
Conc: 728.17 ng/ml



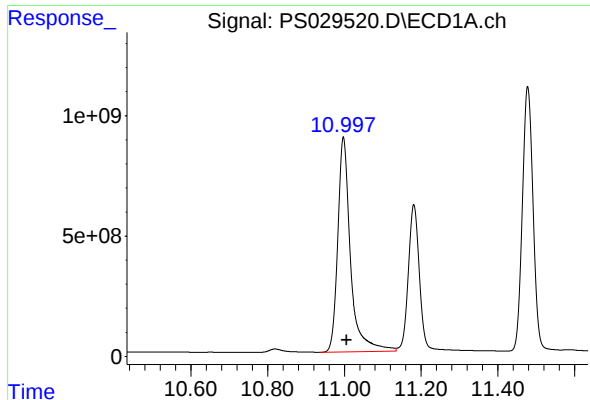
#14 DINOSEB

R.T.: 11.181 min
Delta R.T.: -0.005 min
Response: 12000291441
Conc: 689.39 ng/ml



#14 DINOSEB

R.T.: 11.030 min
Delta R.T.: -0.025 min
Response: 4210375408
Conc: 729.47 ng/ml



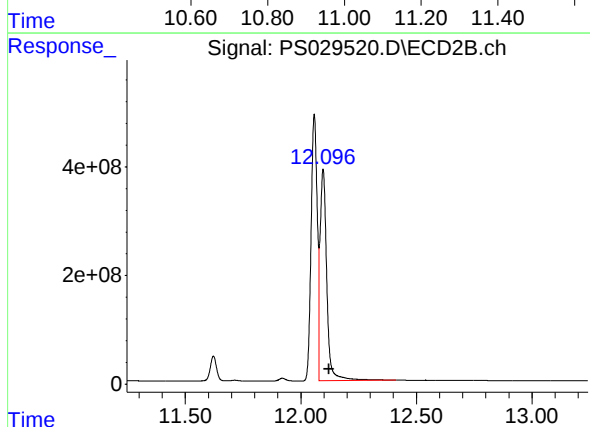
#15 Picloram

R.T.: 10.997 min
Delta R.T.: -0.008 min
Response: 20609616452
Conc: 684.15 ng/ml

Instrument :
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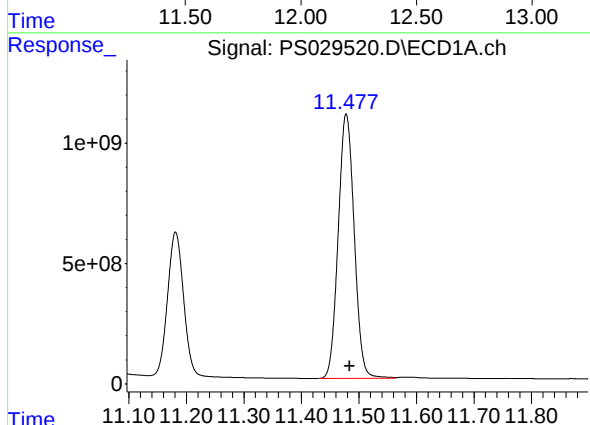
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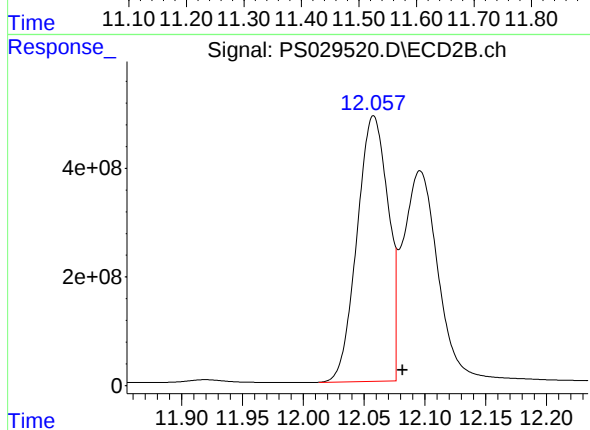
#15 Picloram

R.T.: 12.096 min
Delta R.T.: -0.026 min
Response: 7880679105
Conc: 694.40 ng/ml



#16 DCPA

R.T.: 11.478 min
Delta R.T.: -0.006 min
Response: 21235403217
Conc: 708.89 ng/ml



#16 DCPA

R.T.: 12.057 min
Delta R.T.: -0.024 min
Response: 8690587957
Conc: 726.86 ng/ml m