

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043025\
 Data File : PS030002.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 06:59
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/01/2025
 Supervised By : mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 07:14:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 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	6.939	7.462	1810.3E6	559.5E6	735.571	794.137
Target Compounds							
1) T	Dalapon	2.449	2.523	2775.4E6	1208.6E6	677.707	696.158
2) T	3,5-DICHL...	6.143	6.459	2465.8E6	721.5E6	689.978	738.090
3) T	4-Nitroph...	6.729	6.996	1209.4E6	555.7E6	678.175	725.560
5) T	DICAMBA	7.115	7.648	6990.3E6	3084.7E6	705.883	780.916
6) T	MCPD	7.294	7.756	452.6E6	123.1E6	70.239	70.364
7) T	MCPA	7.437	7.986	612.8E6	164.2E6	69.392	69.420
8) T	DICHLORPROP	7.796	8.342	1743.1E6	763.8E6	687.852	760.753
9) T	2,4-D	8.015	8.655	1969.4E6	836.1E6	700.153	741.775
10) T	Pentachlo...	8.294	9.155	25274.2E6	16072.4E6	724.501	790.000
11) T	2,4,5-TP ...	8.858	9.534	9981.3E6	6378.1E6	720.003	779.555
12) T	2,4,5-T	9.140	9.938	10149.2E6	5979.9E6	722.205	770.353
13) T	2,4-DB	9.698	10.496	1710.1E6	595.1E6	748.265	739.381
14) T	DINOSEB	10.860	10.870	7020.8E6	4312.3E6	690.113	739.552
15) T	Picloram	10.679	11.907	13213.8E6	9663.9E6	720.858	786.730m
16) T	DCPA	11.162	11.904	12337.1E6	8644.1E6	724.817	766.893m

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

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Data File : PS030002.D
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Acq On : 01 May 2025 06:59
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 30 Sample Multiplier: 1

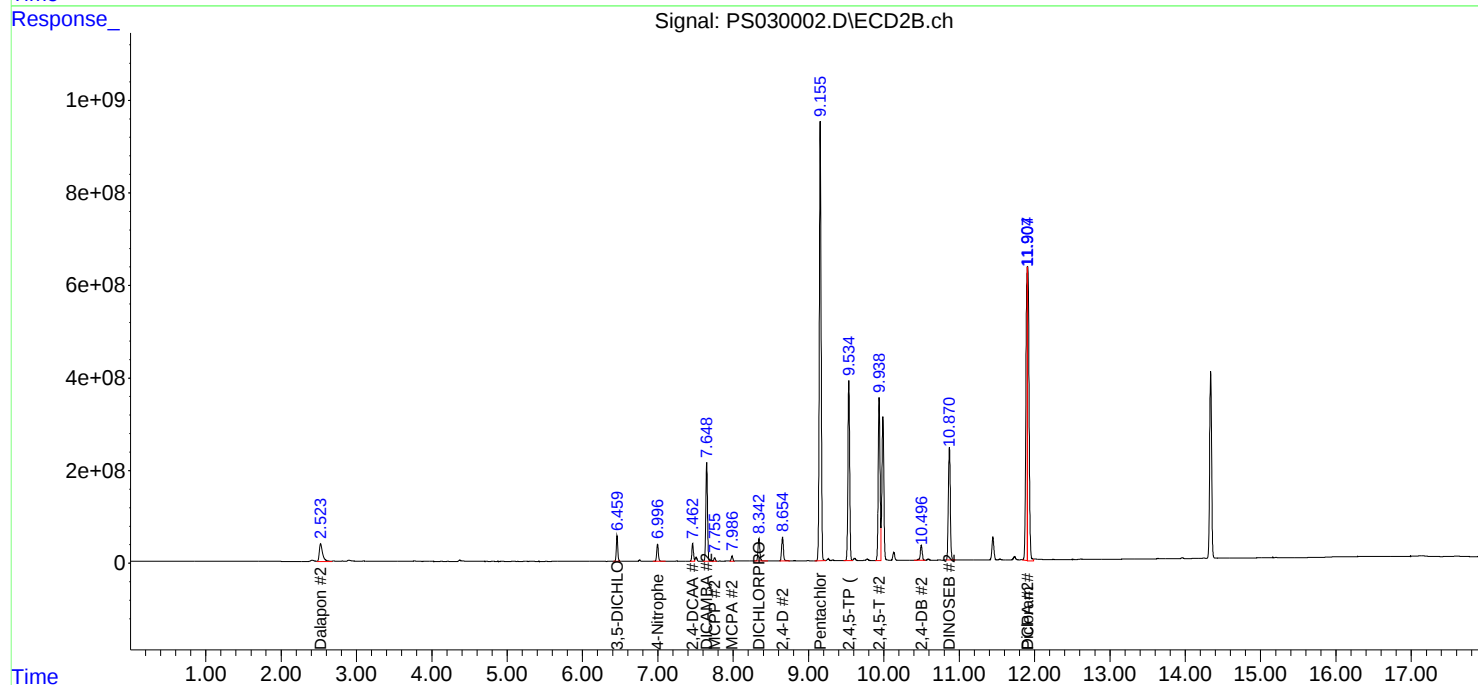
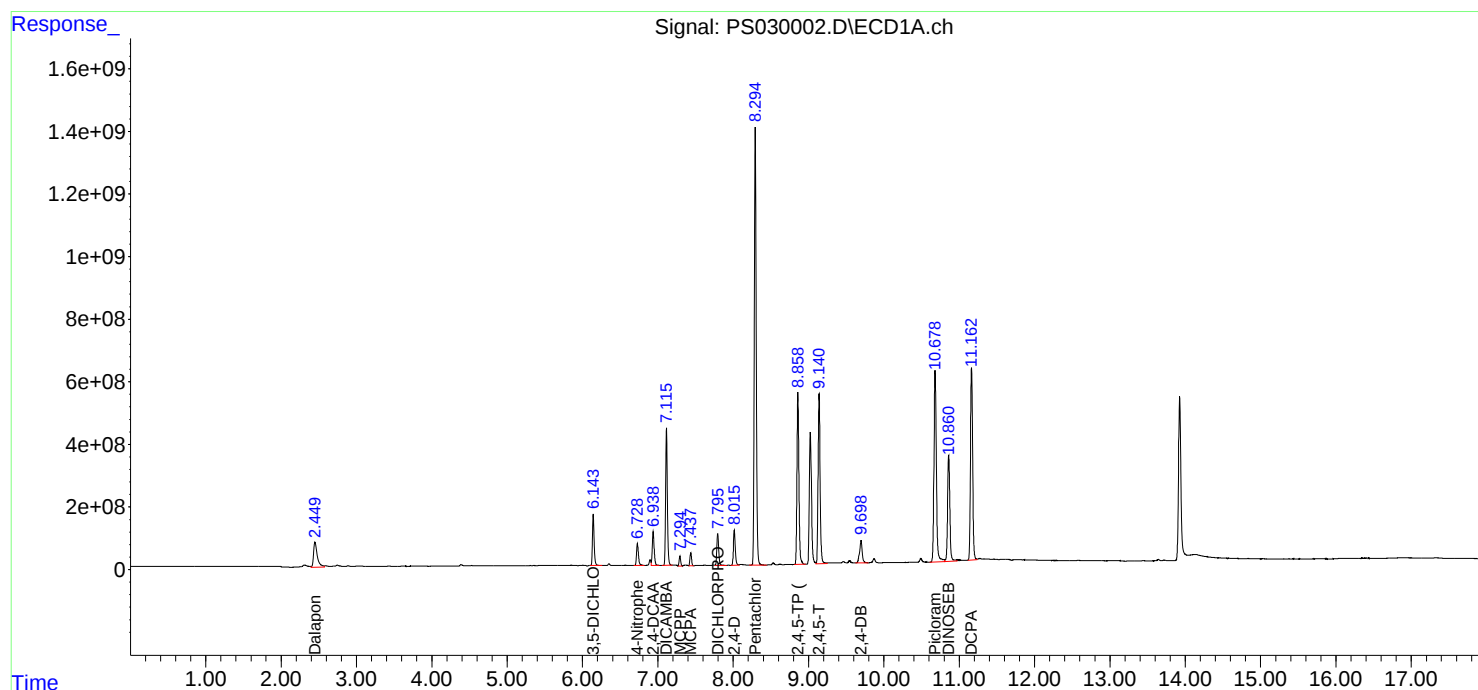
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

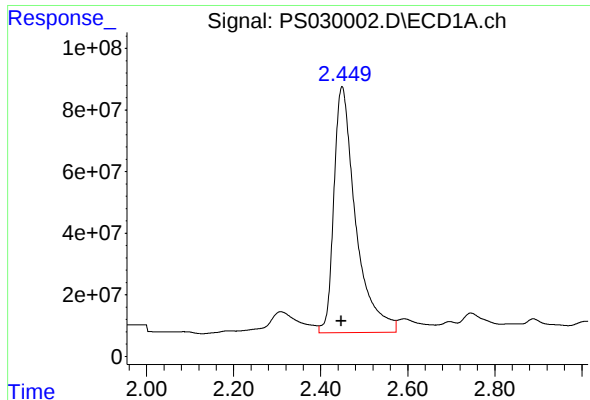
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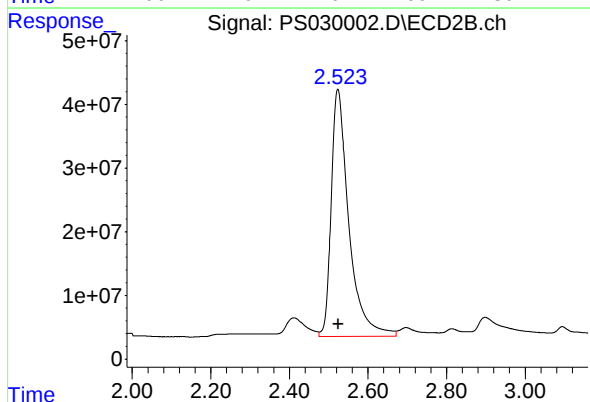
#1 Dalapon

R.T.: 2.449 min
Delta R.T.: 0.001 min
Response: 2775385295
Conc: 677.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

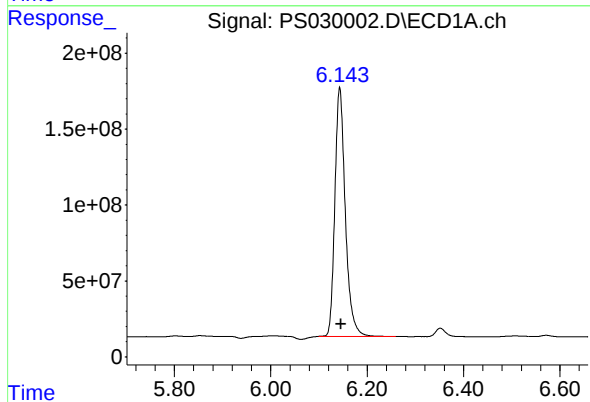
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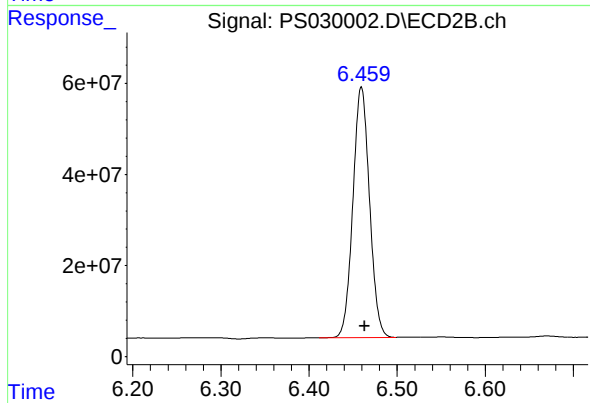
#1 Dalapon

R.T.: 2.523 min
Delta R.T.: 0.000 min
Response: 1208630888
Conc: 696.16 ng/ml



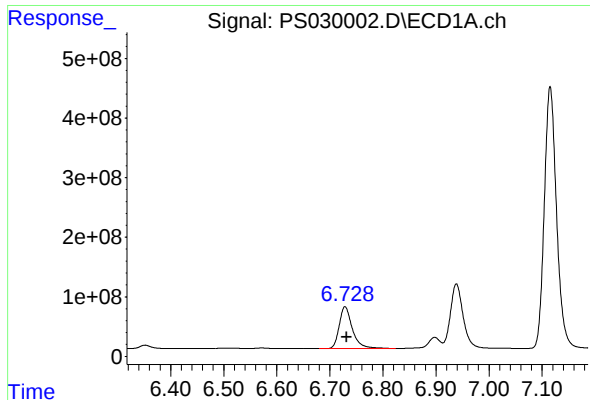
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.143 min
Delta R.T.: -0.002 min
Response: 2465834422
Conc: 689.98 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: -0.004 min
Response: 721541539
Conc: 738.09 ng/ml



#3 4-Nitrophenol

R.T.: 6.729 min
Delta R.T.: -0.003 min
Response: 1209402202
Conc: 678.17 ng/ml

Instrument :

ECD_S

ClientSampleId :

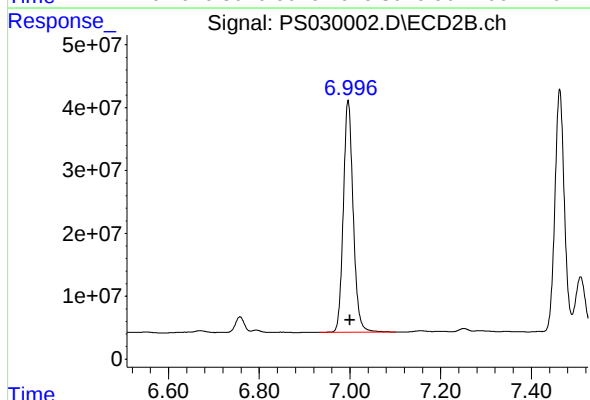
HSTDCCC750

Manual Integrations

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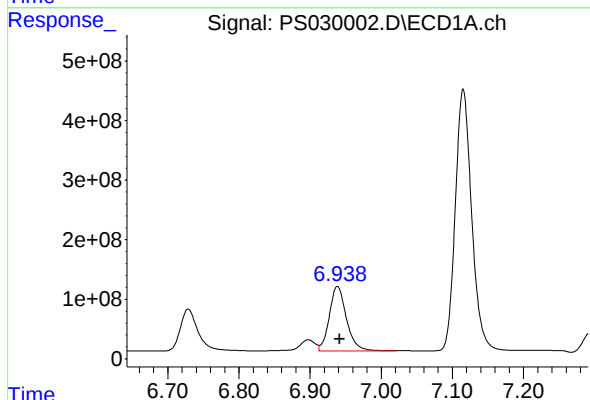
Reviewed By :Abdul Mirza 05/01/2025

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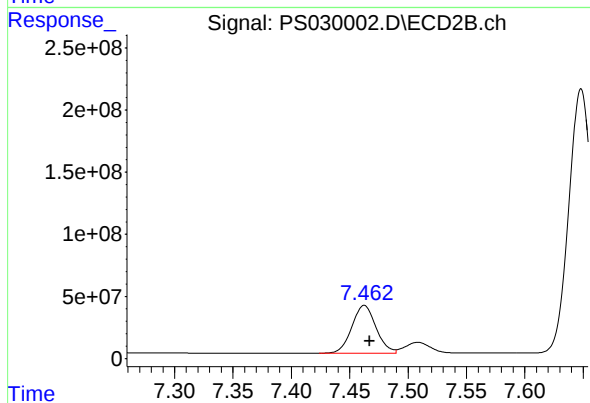
#3 4-Nitrophenol

R.T.: 6.996 min
Delta R.T.: -0.005 min
Response: 555722167
Conc: 725.56 ng/ml



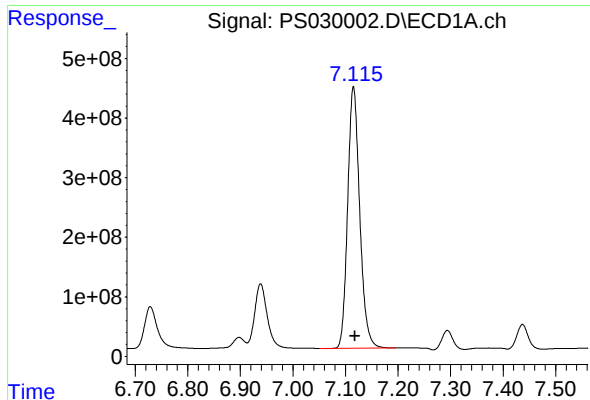
#4 2,4-DCAA

R.T.: 6.939 min
Delta R.T.: -0.003 min
Response: 1810298034
Conc: 735.57 ng/ml



#4 2,4-DCAA

R.T.: 7.462 min
Delta R.T.: -0.005 min
Response: 559483066
Conc: 794.14 ng/ml



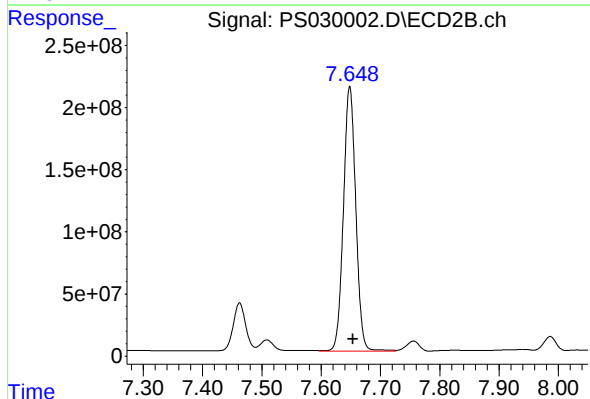
#5 DICAMBA

R.T.: 7.115 min
Delta R.T.: -0.003 min
Response: 6990261354
Conc: 705.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

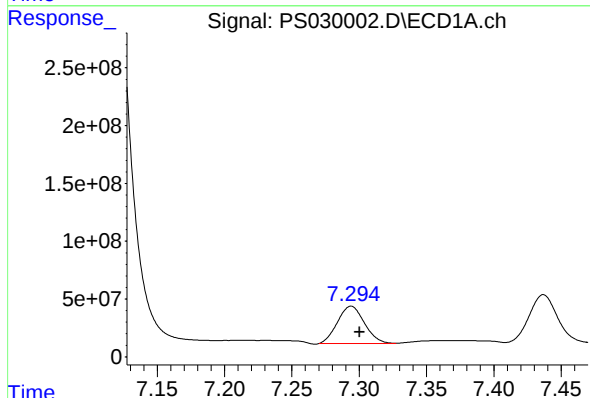
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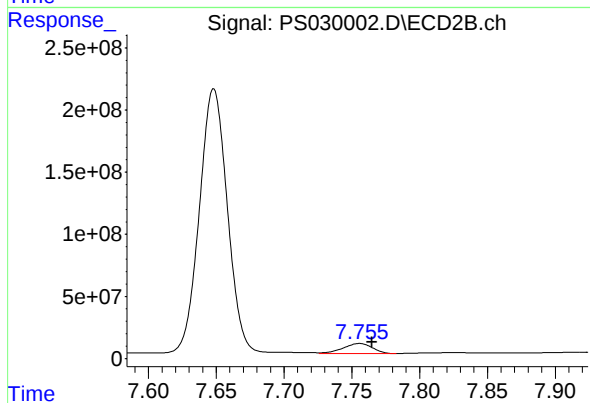
#5 DICAMBA

R.T.: 7.648 min
Delta R.T.: -0.005 min
Response: 3084666816
Conc: 780.92 ng/ml



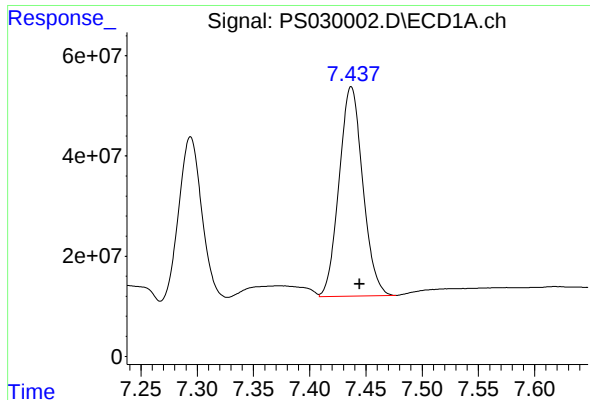
#6 MCPP

R.T.: 7.294 min
Delta R.T.: -0.006 min
Response: 452596677
Conc: 70.24 ug/ml



#6 MCPP

R.T.: 7.756 min
Delta R.T.: -0.009 min
Response: 123062529
Conc: 70.36 ug/ml



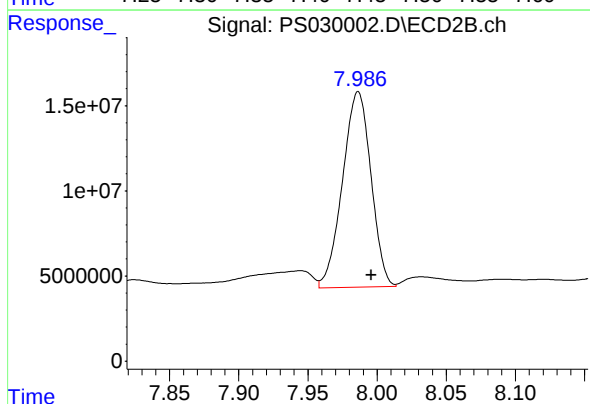
#7 MCPA

R.T.: 7.437 min
Delta R.T.: -0.008 min
Response: 612821796
Conc: 69.39 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

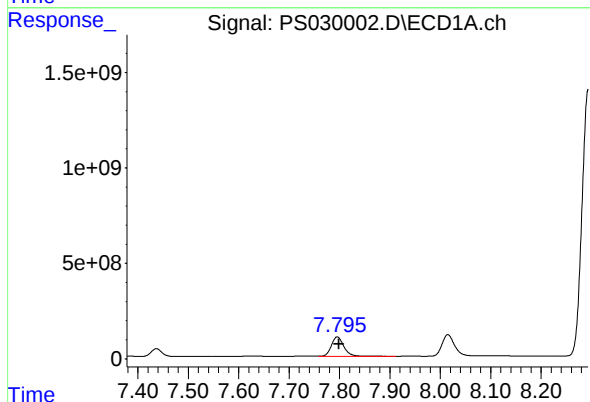
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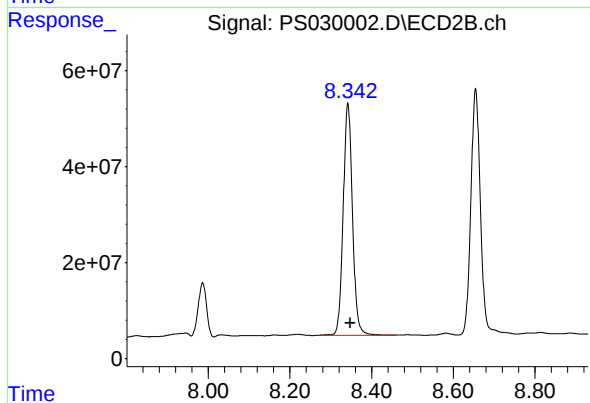
#7 MCPA

R.T.: 7.986 min
Delta R.T.: -0.009 min
Response: 164234366
Conc: 69.42 ug/ml



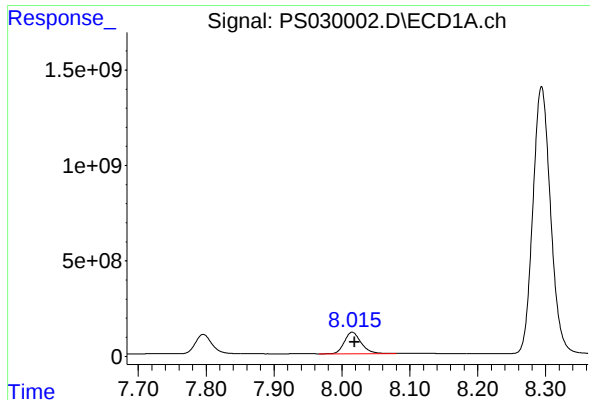
#8 DICHLORPROP

R.T.: 7.796 min
Delta R.T.: -0.003 min
Response: 1743091262
Conc: 687.85 ng/ml



#8 DICHLORPROP

R.T.: 8.342 min
Delta R.T.: -0.006 min
Response: 763768910
Conc: 760.75 ng/ml



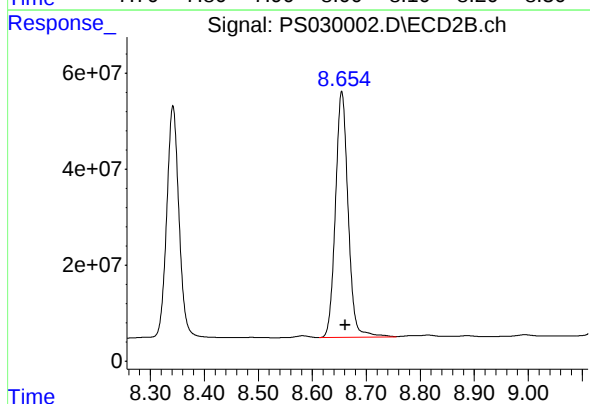
#9 2,4-D

R.T.: 8.015 min
Delta R.T.: -0.004 min
Response: 1969440235
Conc: 700.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

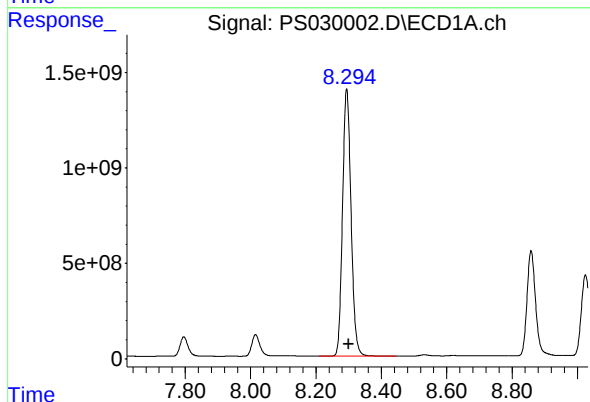
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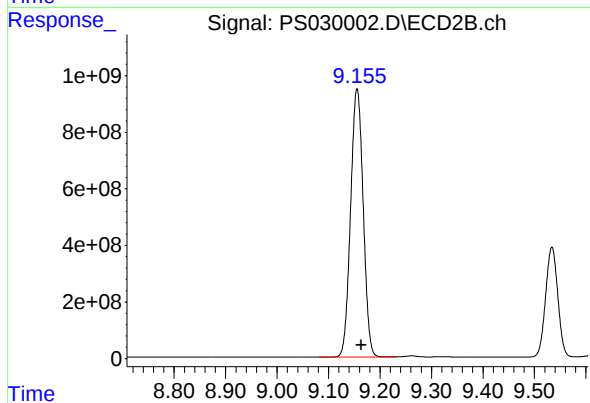
#9 2,4-D

R.T.: 8.655 min
Delta R.T.: -0.006 min
Response: 836059988
Conc: 741.78 ng/ml



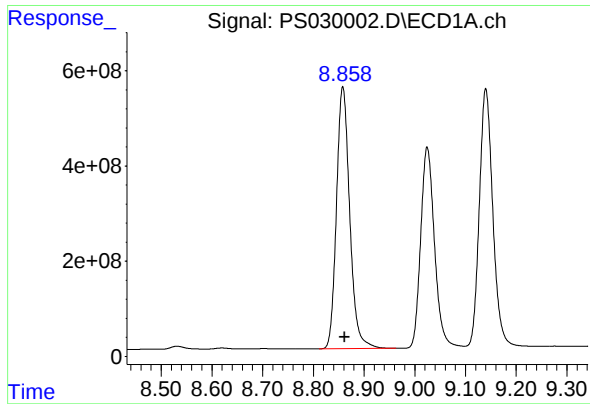
#10 Pentachlorophenol

R.T.: 8.294 min
Delta R.T.: -0.006 min
Response: 25274216279
Conc: 724.50 ng/ml



#10 Pentachlorophenol

R.T.: 9.155 min
Delta R.T.: -0.008 min
Response: 16072410428
Conc: 790.00 ng/ml



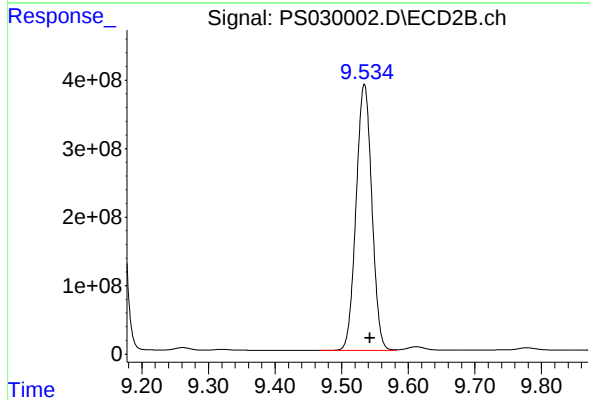
#11 2,4,5-TP (SILVEX)

R.T.: 8.858 min
Delta R.T.: -0.004 min
Response: 9981291001
Conc: 720.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

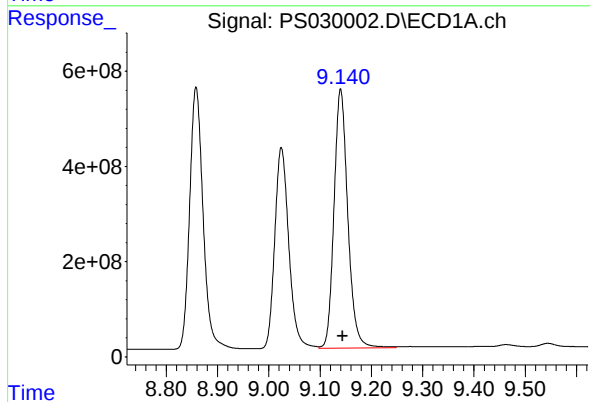
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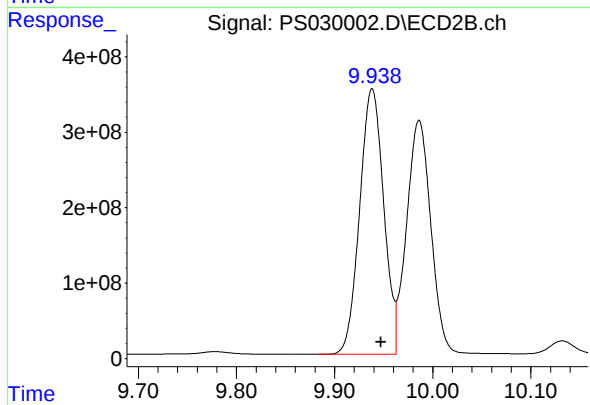
#11 2,4,5-TP (SILVEX)

R.T.: 9.534 min
Delta R.T.: -0.009 min
Response: 6378120993
Conc: 779.55 ng/ml



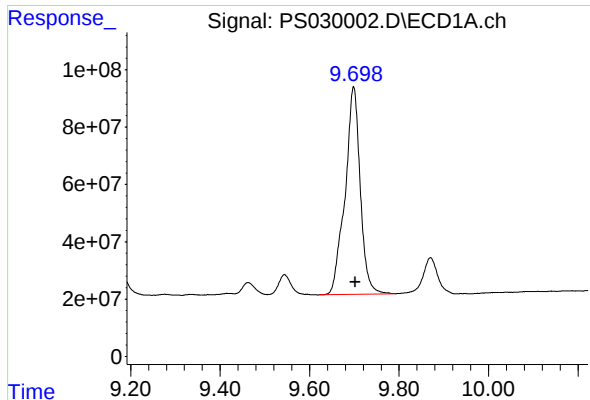
#12 2,4,5-T

R.T.: 9.140 min
Delta R.T.: -0.004 min
Response: 10149222516
Conc: 722.20 ng/ml



#12 2,4,5-T

R.T.: 9.938 min
Delta R.T.: -0.009 min
Response: 5979942577
Conc: 770.35 ng/ml



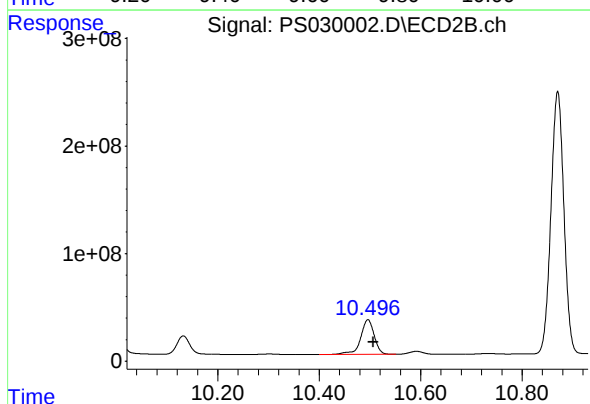
#13 2,4-DB

R.T.: 9.698 min
Delta R.T.: -0.004 min
Response: 1710051124
Conc: 748.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

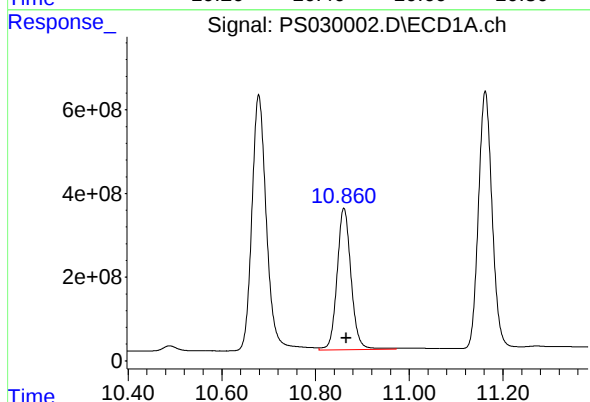
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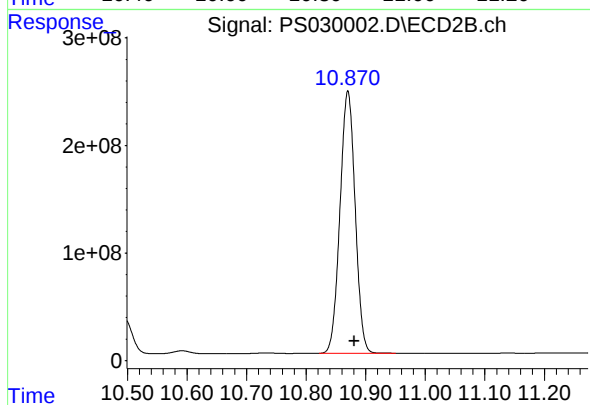
#13 2,4-DB

R.T.: 10.496 min
Delta R.T.: -0.010 min
Response: 595085100
Conc: 739.38 ng/ml



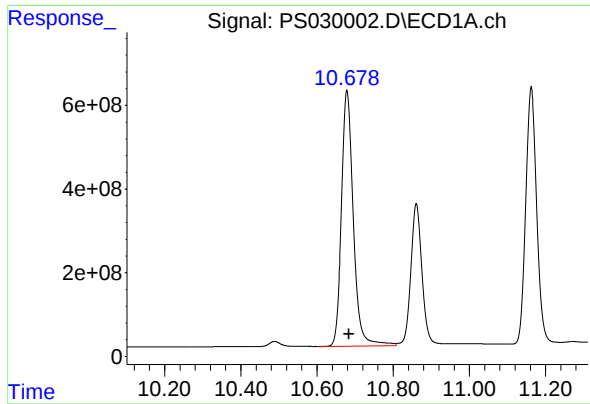
#14 DINOSEB

R.T.: 10.860 min
Delta R.T.: -0.005 min
Response: 7020810578
Conc: 690.11 ng/ml



#14 DINOSEB

R.T.: 10.870 min
Delta R.T.: -0.011 min
Response: 4312313988
Conc: 739.55 ng/ml



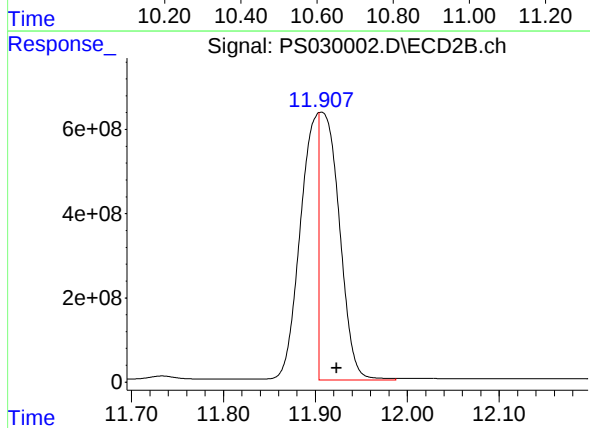
#15 Picloram

R.T.: 10.679 min
Delta R.T.: -0.005 min
Response: 13213782052
Conc: 720.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

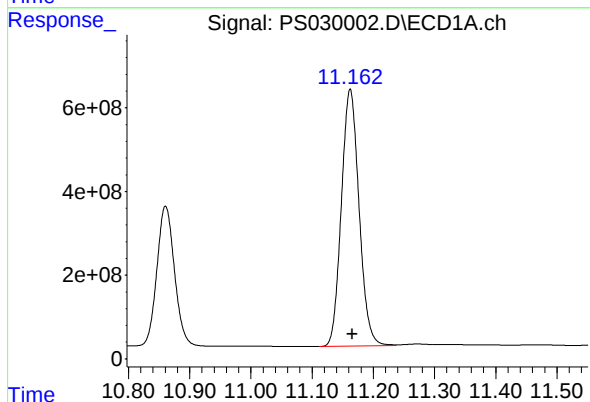
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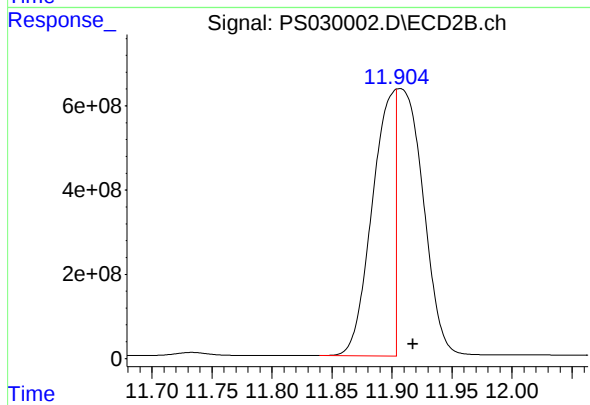
#15 Picloram

R.T.: 11.907 min
Delta R.T.: -0.016 min
Response: 9663913283
Conc: 786.73 ng/ml m



#16 DCPA

R.T.: 11.162 min
Delta R.T.: -0.004 min
Response: 12337113007
Conc: 724.82 ng/ml



#16 DCPA

R.T.: 11.904 min
Delta R.T.: -0.014 min
Response: 8644146772
Conc: 766.89 ng/ml m