

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071025\
 Data File : PS030982.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 11:15
 Operator : AR\AJ
 Sample : Q2493-01MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-11MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/11/2025
 Supervised By : mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 22:56:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.336	7.766	1838.1E6	456.6E6	500.233	425.974
Target Compounds							
1) T	Dalapon	2.658f	2.669f	3143.0E6	1925.9E6	526.845m	702.427m#
2) T	3,5-DICHL...	6.496	6.712	2283.7E6	635.0E6	424.678	393.646
5) T	DICAMBA	7.526	7.969	5701.6E6	2366.4E6	374.732m	361.104
6) T	MCP	7.706	8.075	348.9E6	203.3E6	37.165m	96.937 #
7) T	MCPA	7.856	8.314	517.2E6	85907735	44.088m	27.309 #
8) T	DICHLORPROP	8.240	8.689	1378.9E6	597.2E6	368.118	379.798
9) T	2,4-D	8.459f	9.025	5691.5E6	590.2E6	1652.376	347.280 #
10) T	Pentachlo...	8.778	9.548	8592.8E6	5817.4E6	162.356	152.599m
11) T	2,4,5-TP ...	9.360	9.931	7867.7E6	5574.4E6	392.786	386.342m
12) T	2,4,5-T	9.653	10.357	7039.6E6	5158.4E6	427.860	377.499m
13) T	2,4-DB	10.232	10.925	816.9E6	396.7E6	356.191m	335.380
15) T	Picloram	11.258	12.420	6349.5E6	6478.9E6	394.967m	278.764m#
16) T	DCPA	11.743	12.356	8651.5E6	8129.6E6	337.736	368.809m

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

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Acq On : 10 Jul 2025 11:15
Operator : AR\AJ
Sample : Q2493-01MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

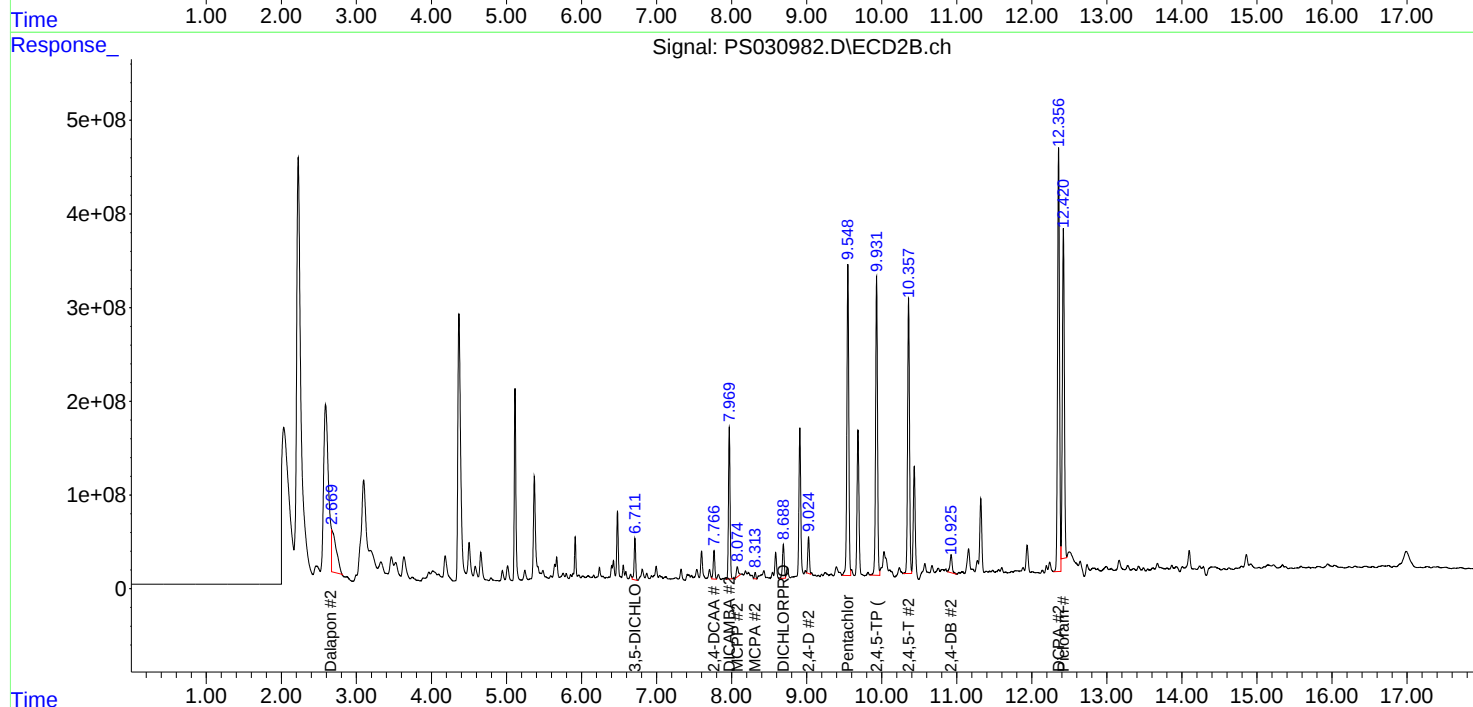
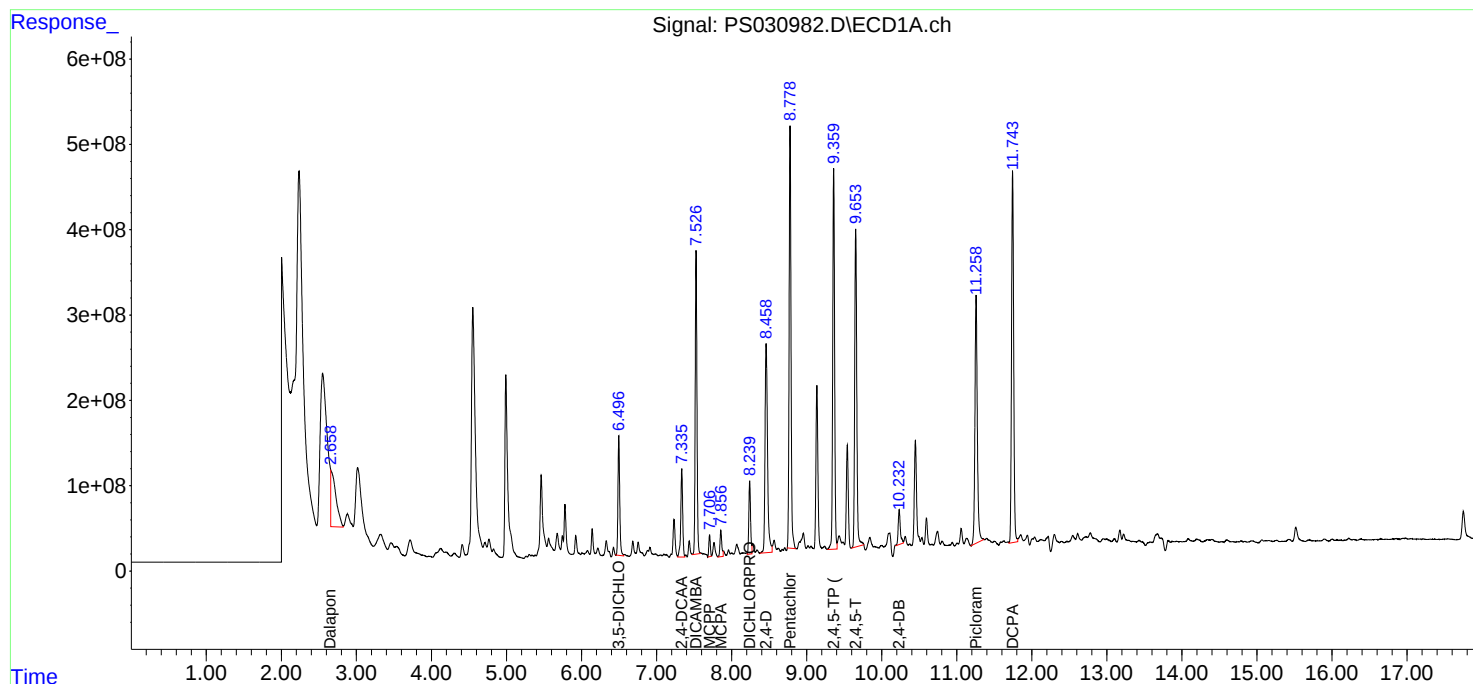
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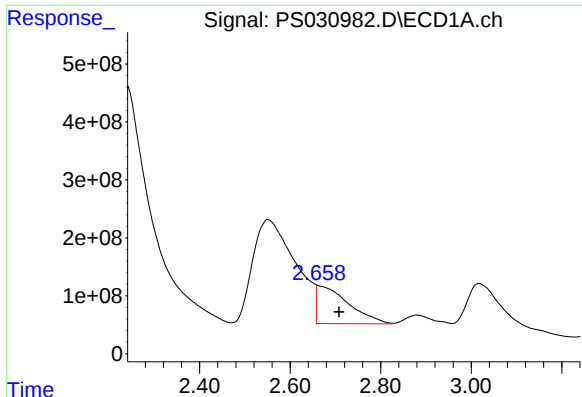
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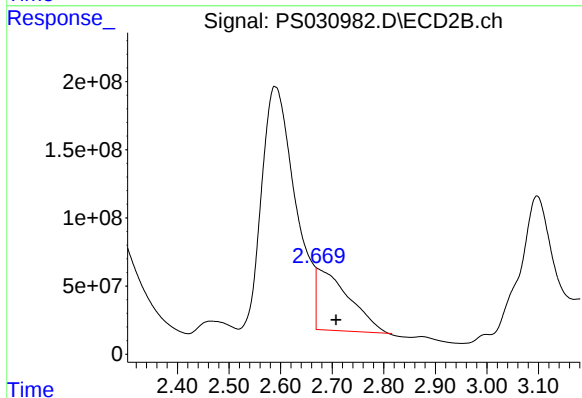
#1 Dalapon

R.T.: 2.658 min
Delta R.T.: -0.050 min
Response: 3142962556
Conc: 526.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-11MSD

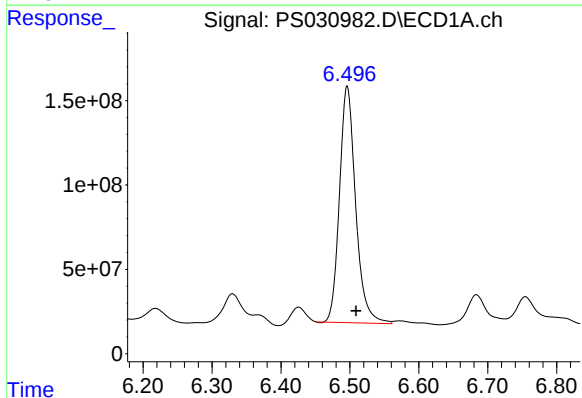
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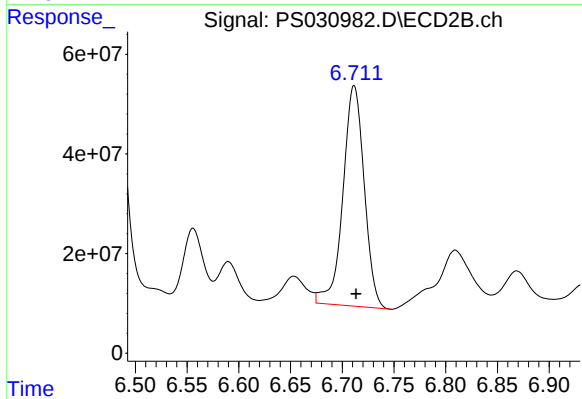
#1 Dalapon

R.T.: 2.669 min
Delta R.T.: -0.039 min
Response: 1925874677
Conc: 702.43 ng/ml m



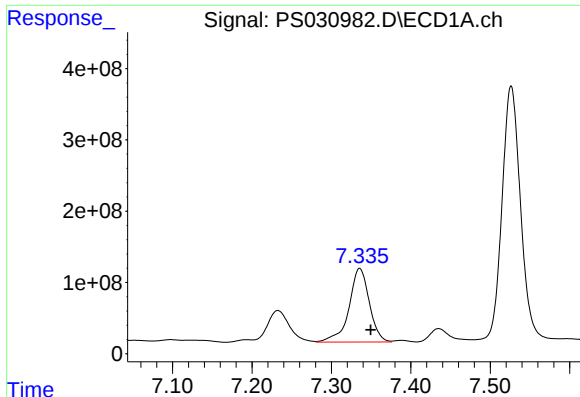
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.496 min
Delta R.T.: -0.013 min
Response: 2283726416
Conc: 424.68 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 635010604
Conc: 393.65 ng/ml



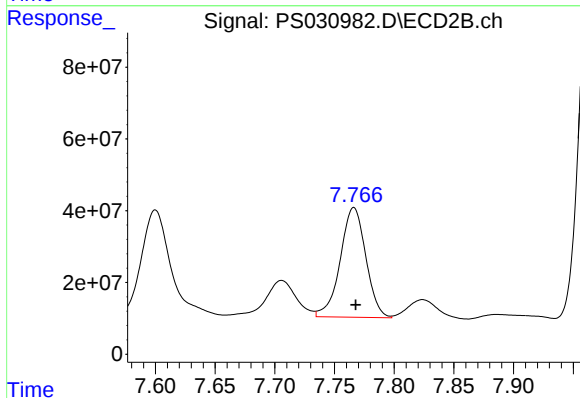
#4 2,4-DCAA

R.T.: 7.336 min
Delta R.T.: -0.014 min
Response: 1838053969
Conc: 500.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-11MSD

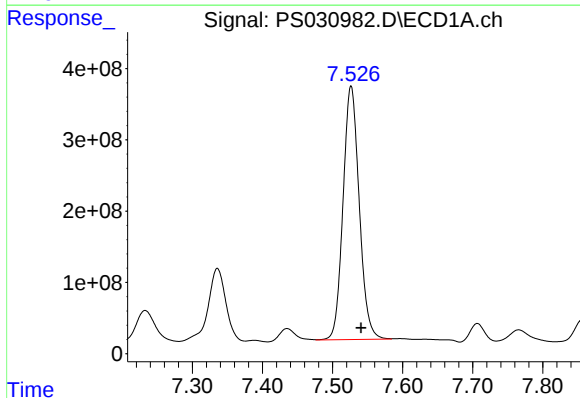
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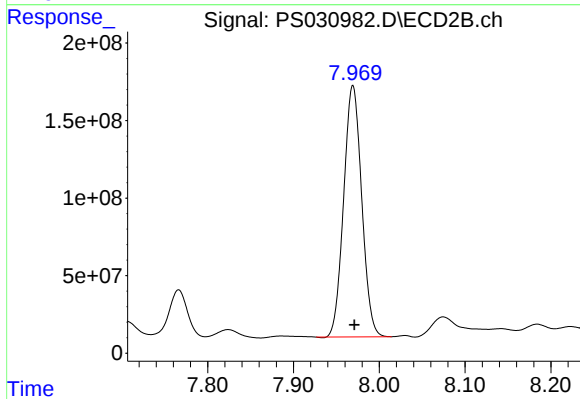
#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 456629021
Conc: 425.97 ng/ml



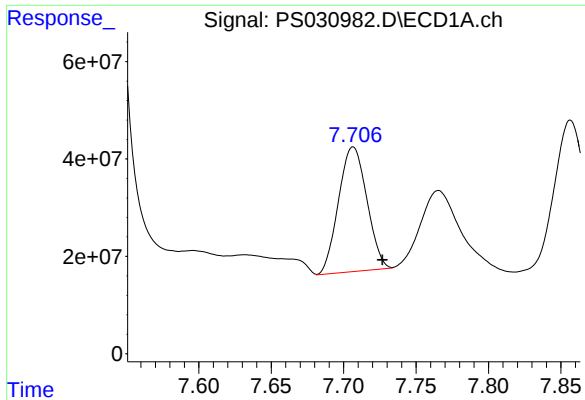
#5 DICAMBA

R.T.: 7.526 min
Delta R.T.: -0.014 min
Response: 5701577445
Conc: 374.73 ng/ml m



#5 DICAMBA

R.T.: 7.969 min
Delta R.T.: -0.002 min
Response: 2366389124
Conc: 361.10 ng/ml



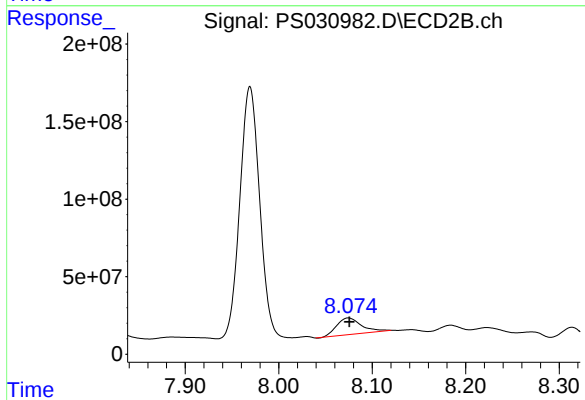
#6 MCPP

R.T.: 7.706 min
Delta R.T.: -0.021 min
Response: 348917931
Conc: 37.16 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-11MSD

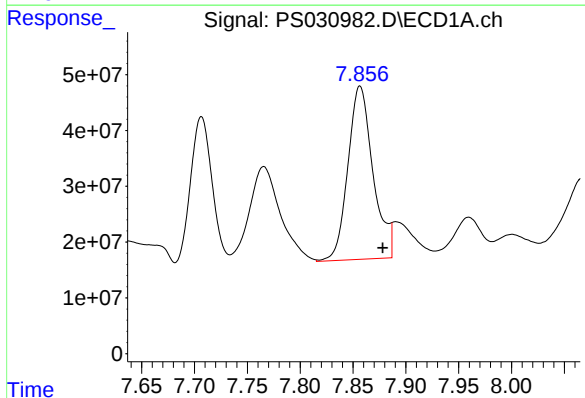
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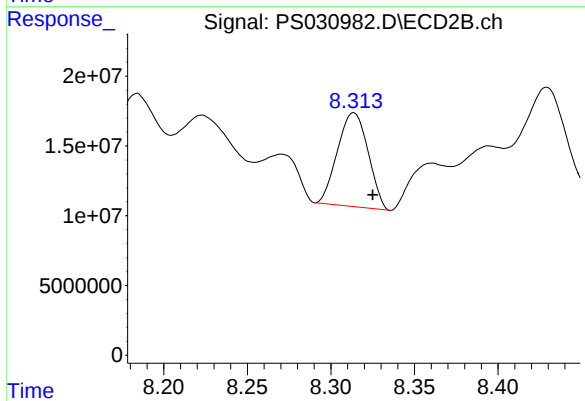
#6 MCPP

R.T.: 8.075 min
Delta R.T.: -0.001 min
Response: 203306742
Conc: 96.94 ug/ml



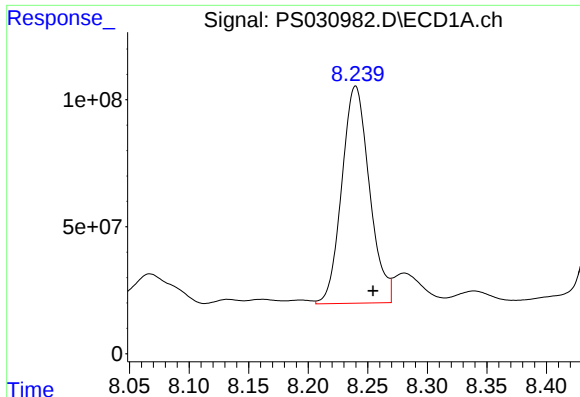
#7 MCPA

R.T.: 7.856 min
Delta R.T.: -0.022 min
Response: 517172760
Conc: 44.09 ug/ml m



#7 MCPA

R.T.: 8.314 min
Delta R.T.: -0.011 min
Response: 85907735
Conc: 27.31 ug/ml



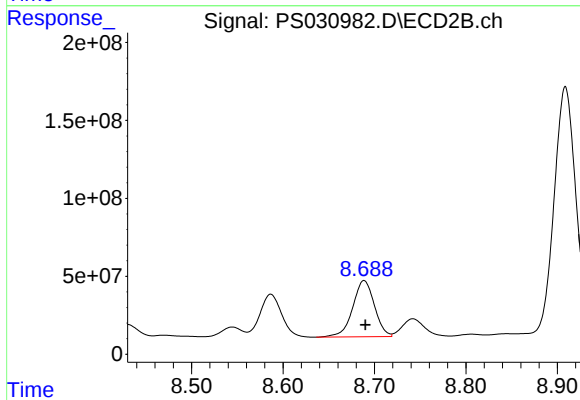
#8 DICHLORPROP

R.T.: 8.240 min
Delta R.T.: -0.015 min
Response: 1378884734
Conc: 368.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-11MSD

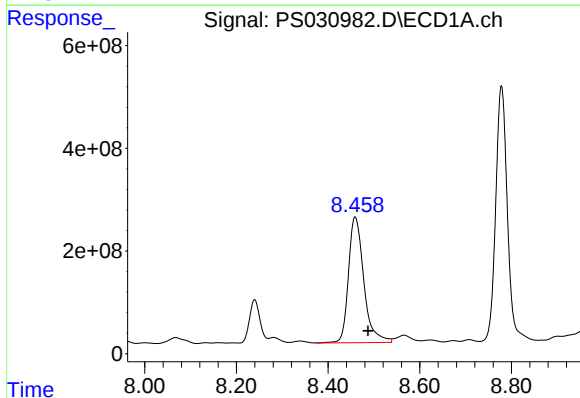
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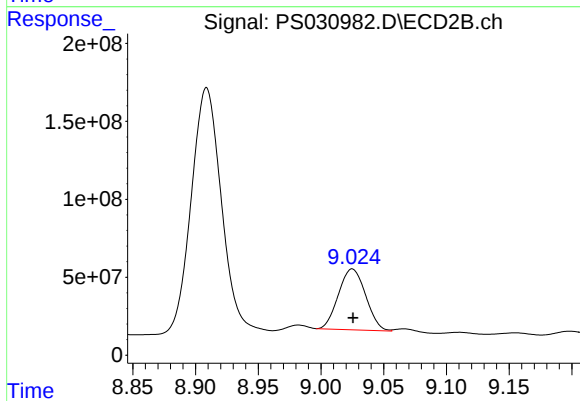
#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: -0.001 min
Response: 597229965
Conc: 379.80 ng/ml



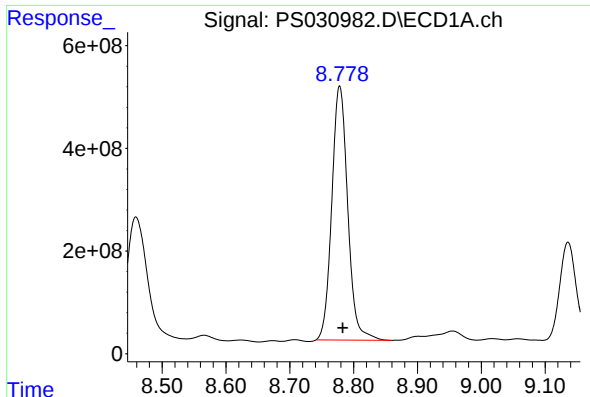
#9 2,4-D

R.T.: 8.459 min
Delta R.T.: -0.028 min
Response: 5691464872
Conc: 1652.38 ng/ml



#9 2,4-D

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 590169218
Conc: 347.28 ng/ml



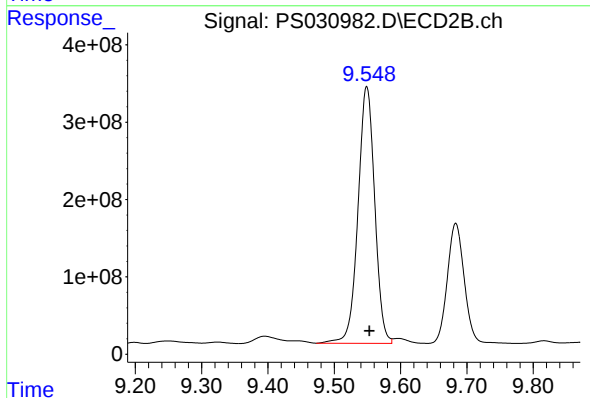
#10 Pentachlorophenol

R.T.: 8.778 min
Delta R.T.: -0.005 min
Response: 8592765852
Conc: 162.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-11MSD

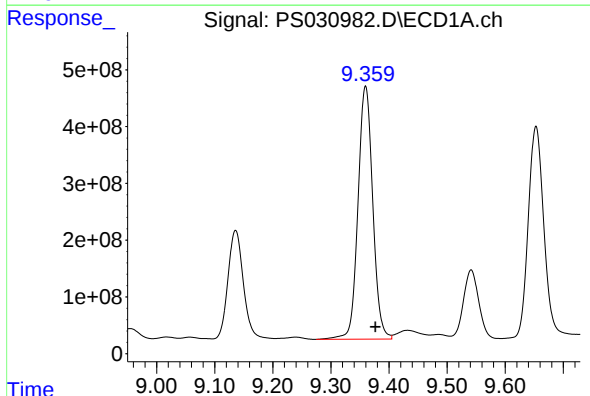
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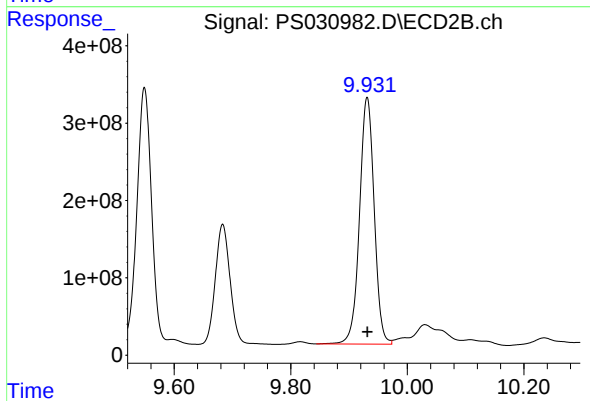
#10 Pentachlorophenol

R.T.: 9.548 min
Delta R.T.: -0.004 min
Response: 5817378816
Conc: 152.60 ng/ml m



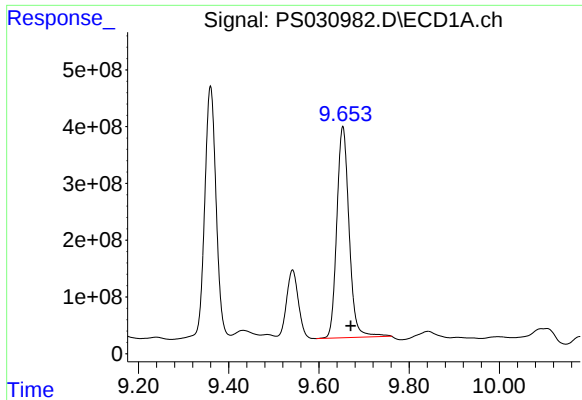
#11 2,4,5-TP (SILVEX)

R.T.: 9.360 min
Delta R.T.: -0.017 min
Response: 7867663020
Conc: 392.79 ng/ml



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

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 5574417170
Conc: 386.34 ng/ml m



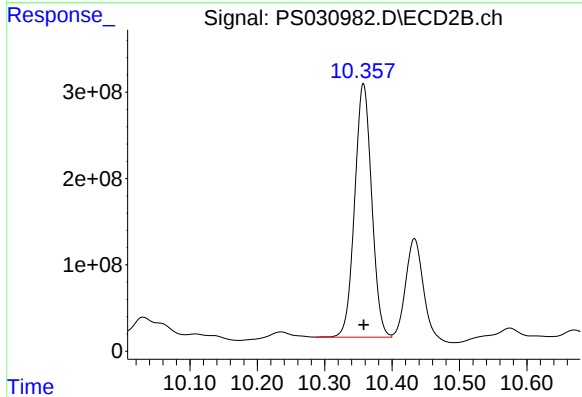
#12 2,4,5-T

R.T.: 9.653 min
Delta R.T.: -0.017 min
Response: 7039640006
Conc: 427.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
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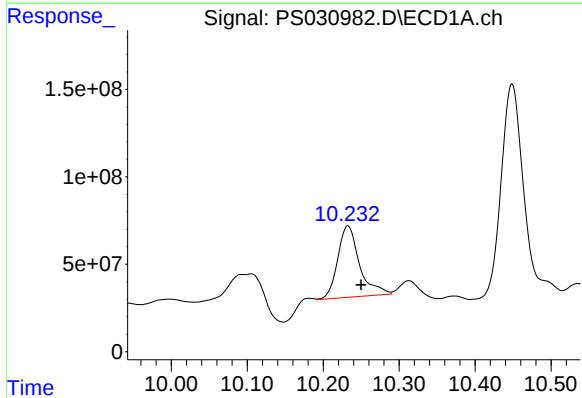
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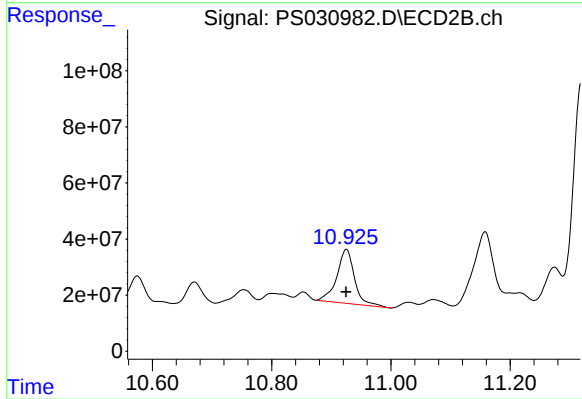
#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: 0.000 min
Response: 5158380749
Conc: 377.50 ng/ml m



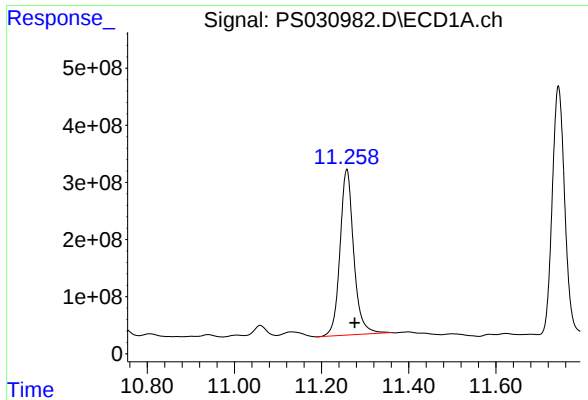
#13 2,4-DB

R.T.: 10.232 min
Delta R.T.: -0.018 min
Response: 816925771
Conc: 356.19 ng/ml m



#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 396722318
Conc: 335.38 ng/ml



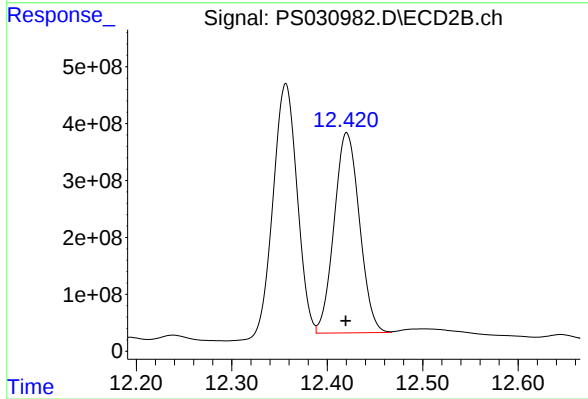
#15 Picloram

R.T.: 11.258 min
Delta R.T.: -0.019 min
Response: 6349539087
Conc: 394.97 ng/ml

Instrument :
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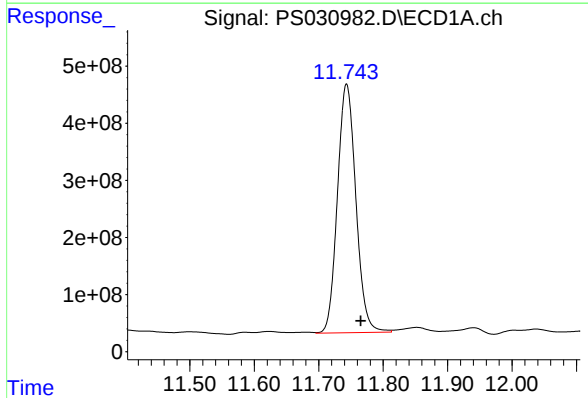
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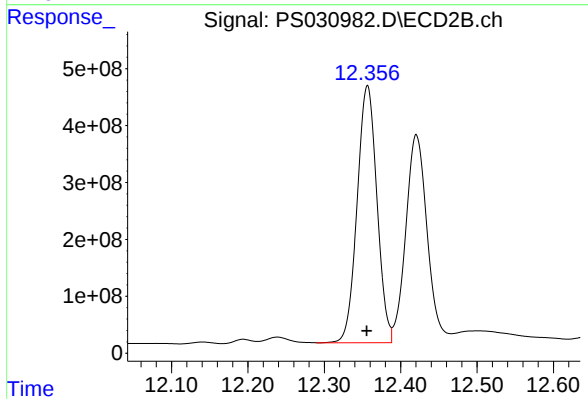
#15 Picloram

R.T.: 12.420 min
Delta R.T.: 0.000 min
Response: 6478877715
Conc: 278.76 ng/ml m



#16 DCPA

R.T.: 11.743 min
Delta R.T.: -0.022 min
Response: 8651542127
Conc: 337.74 ng/ml



#16 DCPA

R.T.: 12.356 min
Delta R.T.: 0.000 min
Response: 8129569169
Conc: 368.81 ng/ml m