

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071725\
 Data File : PS031096.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2025 14:49
 Operator : AR\AJ
 Sample : Q2558-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 OU4-TS-Denali-070925MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/18/2025
 Supervised By : mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 22:58:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
 Quant Title : 8080.M
 QLast Update : Mon Jul 14 05:51:06 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	7.328	7.768	348.5E6	166.4E6	88.104	160.591 #
Target Compounds							
1) T	Dalapon	2.683	2.700	498.3E6	1844.2E6	81.805m	648.713m#
2) T	3,5-DICHL...	6.490	6.715	493.9E6	155.7E6	94.288m	100.427
5) T	DICAMBA	7.518	7.970	2076.5E6	797.0E6	132.337m	123.068
8) T	DICHLORPROP	8.229	8.690	312.5E6	171.7E6	91.769	113.045
9) T	2,4-D	8.461	9.025	622.6E6	290.2E6	202.248	170.752
10) T	Pentachlo...	8.767	9.549	2368.1E6	1429.2E6	47.116	37.089m
11) T	2,4,5-TP ...	9.347	9.935	1451.8E6	1744.7E6	78.009m	118.881m#
12) T	2,4,5-T	9.640	10.356	1545.9E6	1483.3E6	101.613m	106.014m
13) T	2,4-DB	10.217	10.905	82188344	156.8E6	37.861m	132.487m#
14) T	DINOSEB	11.433	11.319	94983922	1634.8E6	7.205m	144.018 #
15) T	Picloram	11.244	12.420	3775.2E6	3432.3E6	259.072	146.176m#
16) T	DCPA	11.731	12.355	4720.6E6	3423.7E6	197.207	151.814m

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

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Data File : PS031096.D
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Acq On : 17 Jul 2025 14:49
Operator : AR\AJ
Sample : Q2558-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

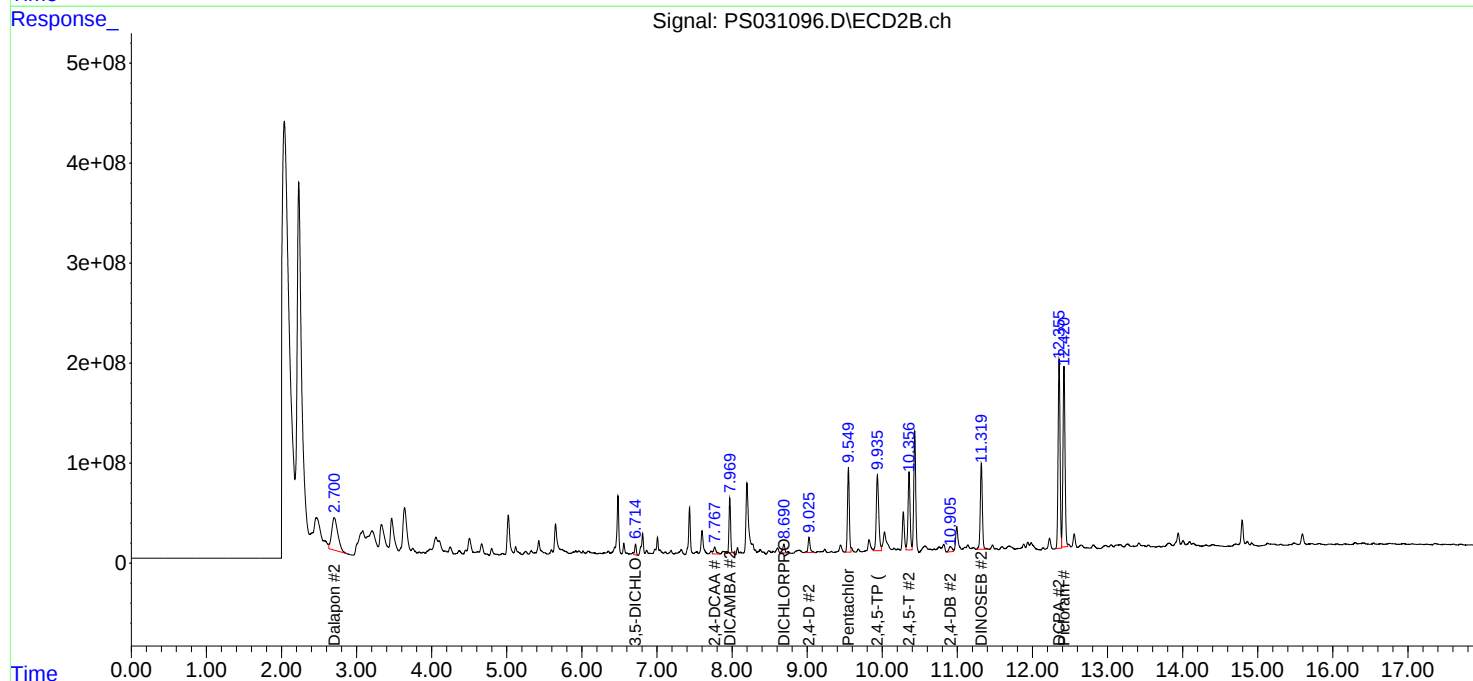
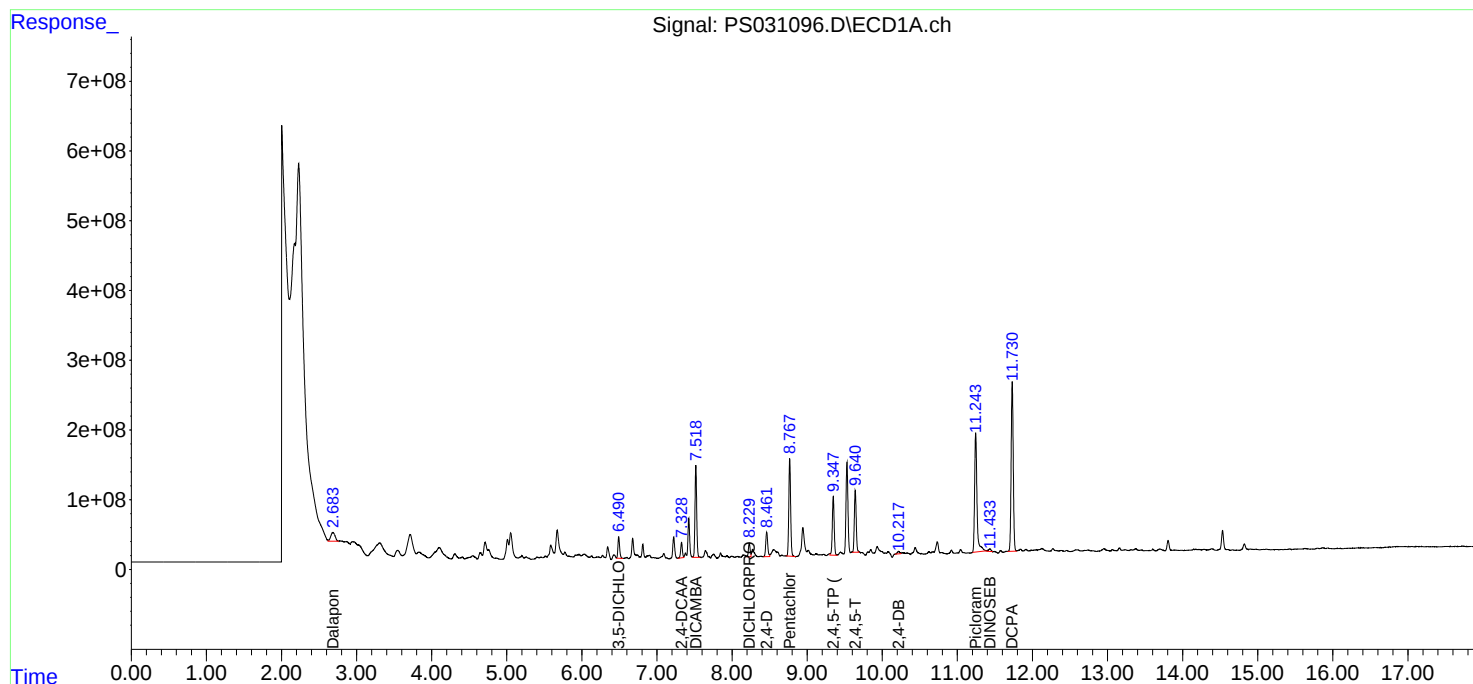
Instrument :
ECD_S
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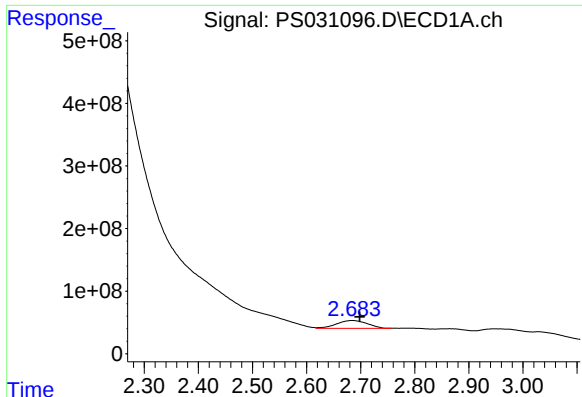
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 22:58:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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





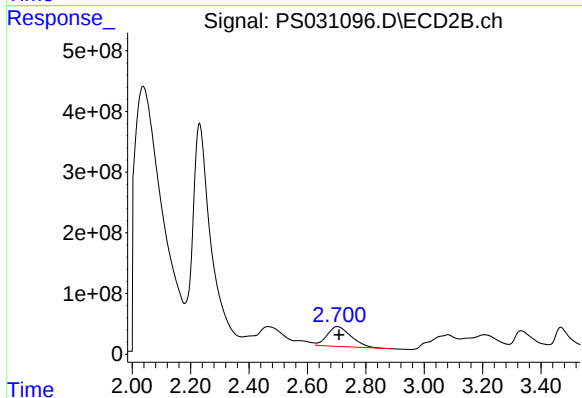
#1 Dalapon

R.T.: 2.683 min
Delta R.T.: -0.015 min
Response: 498331044
Conc: 81.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
OU4-TS-Denali-070925MSD

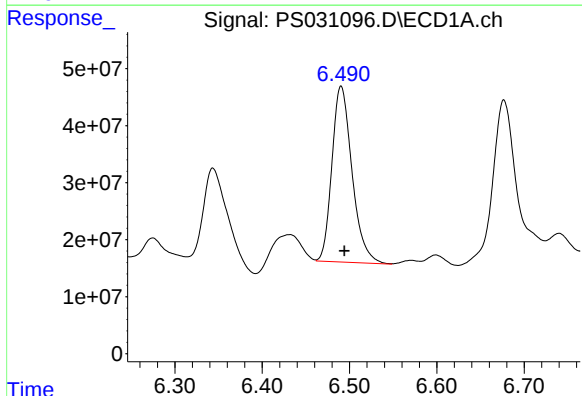
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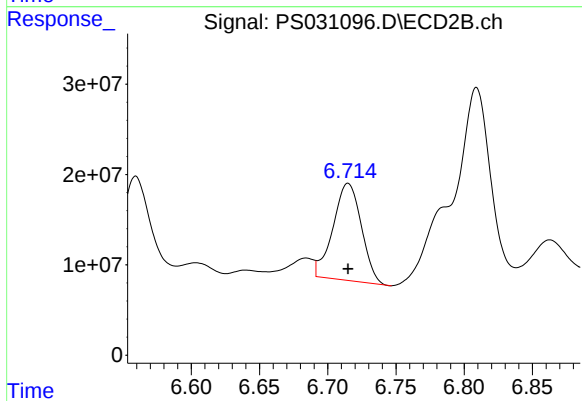
#1 Dalapon

R.T.: 2.700 min
Delta R.T.: -0.008 min
Response: 1844199153
Conc: 648.71 ng/ml m



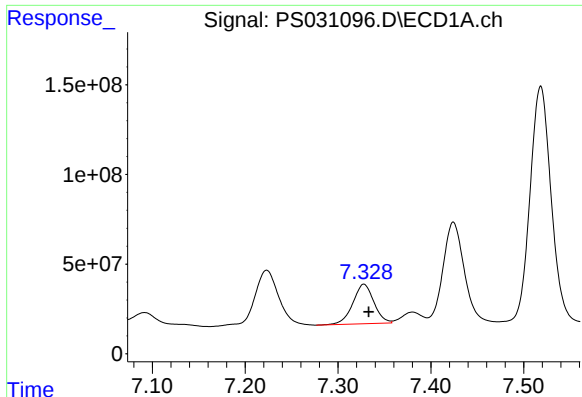
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.490 min
Delta R.T.: -0.004 min
Response: 493939255
Conc: 94.29 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 155695114
Conc: 100.43 ng/ml



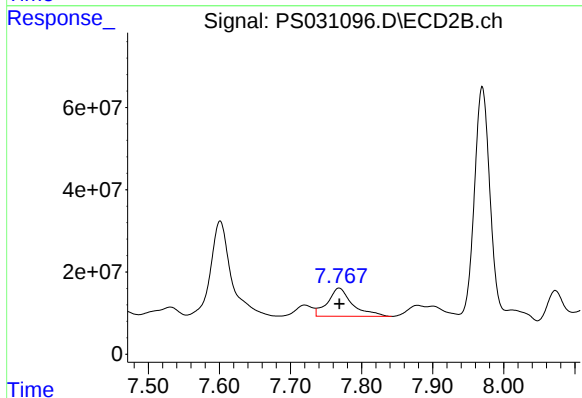
#4 2,4-DCAA

R.T.: 7.328 min
Delta R.T.: -0.005 min
Response: 348457345
Conc: 88.10 ng/ml

Instrument :
ECD_S
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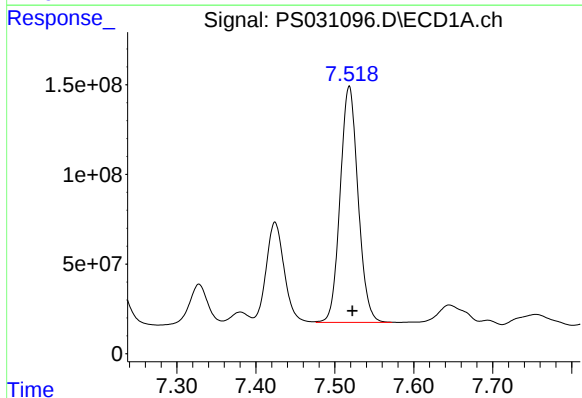
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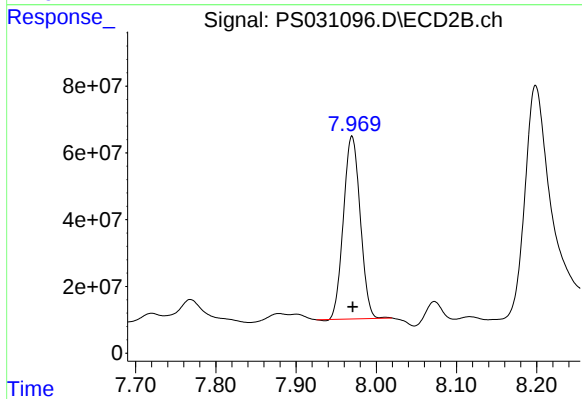
#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 166377016
Conc: 160.59 ng/ml



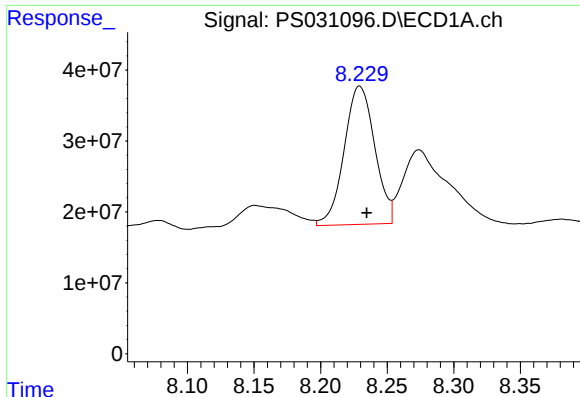
#5 DICAMBA

R.T.: 7.518 min
Delta R.T.: -0.004 min
Response: 2076484705
Conc: 132.34 ng/ml m



#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 797042130
Conc: 123.07 ng/ml



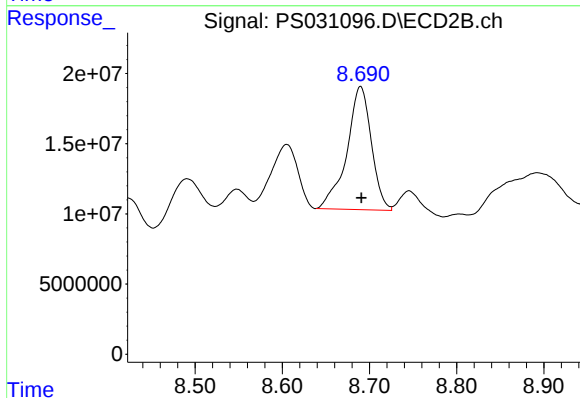
#8 DICHLORPROP

R.T.: 8.229 min
Delta R.T.: -0.005 min
Response: 312487485
Conc: 91.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
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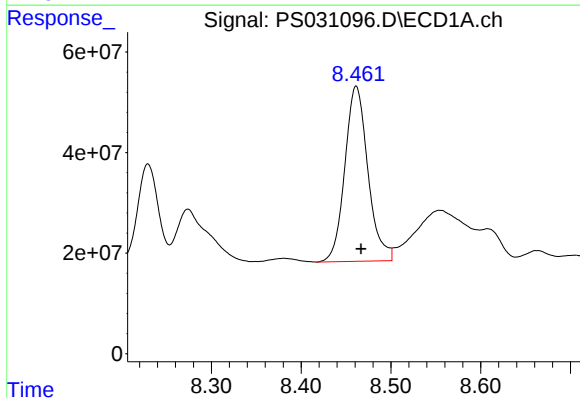
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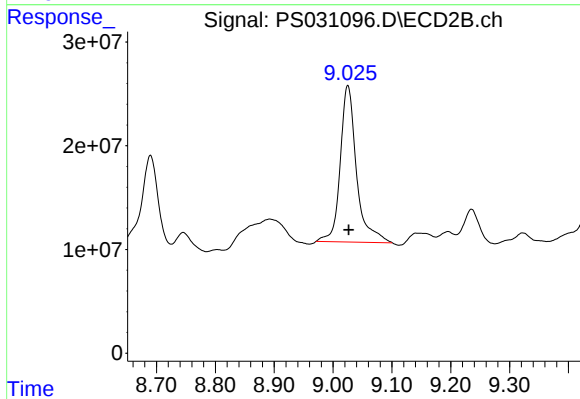
#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 171744212
Conc: 113.04 ng/ml



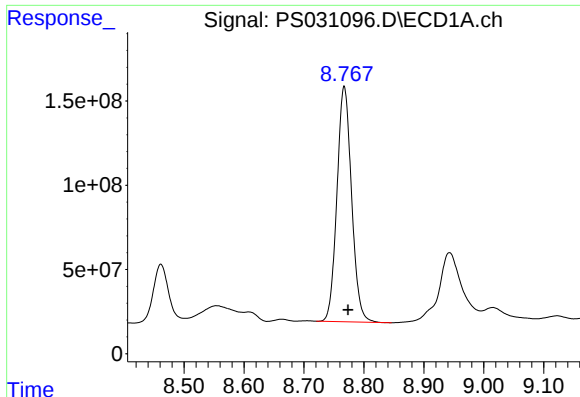
#9 2,4-D

R.T.: 8.461 min
Delta R.T.: -0.006 min
Response: 622607581
Conc: 202.25 ng/ml



#9 2,4-D

R.T.: 9.025 min
Delta R.T.: -0.002 min
Response: 290187110
Conc: 170.75 ng/ml



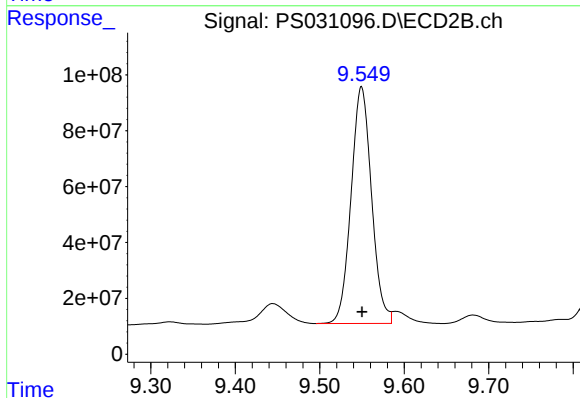
#10 Pentachlorophenol

R.T.: 8.767 min
Delta R.T.: -0.006 min
Response: 2368129250
Conc: 47.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
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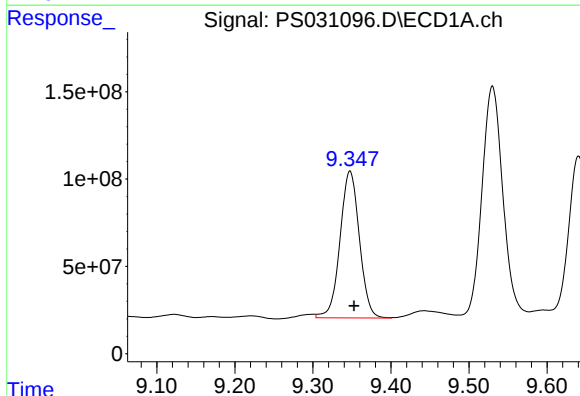
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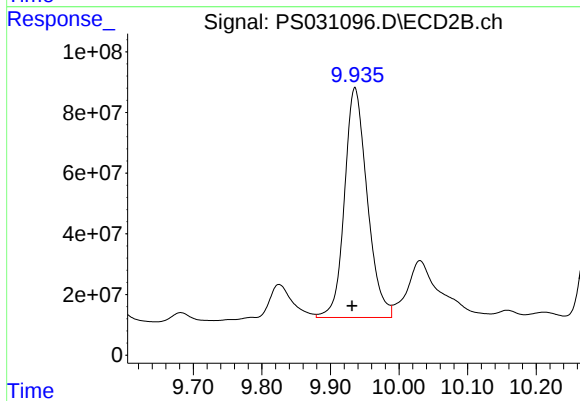
#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: -0.001 min
Response: 1429227829
Conc: 37.09 ng/ml m



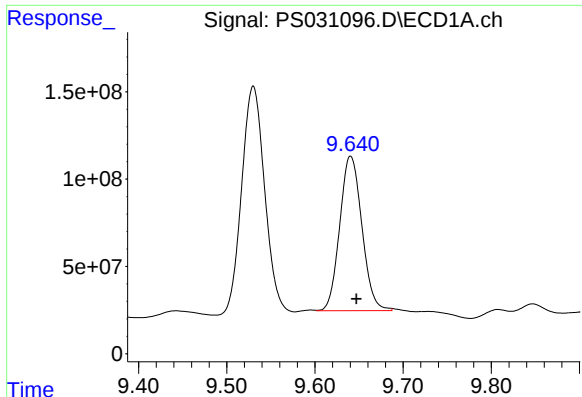
#11 2,4,5-TP (SILVEX)

R.T.: 9.347 min
Delta R.T.: -0.006 min
Response: 1451806869
Conc: 78.01 ng/ml m



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

R.T.: 9.935 min
Delta R.T.: 0.004 min
Response: 1744667153
Conc: 118.88 ng/ml m



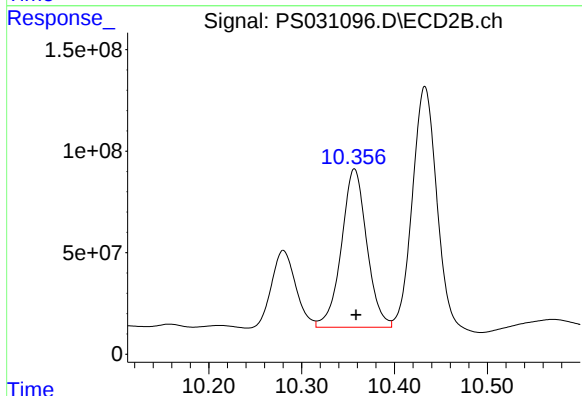
#12 2,4,5-T

R.T.: 9.640 min
Delta R.T.: -0.007 min
Response: 1545871254
Conc: 101.61 ng/ml

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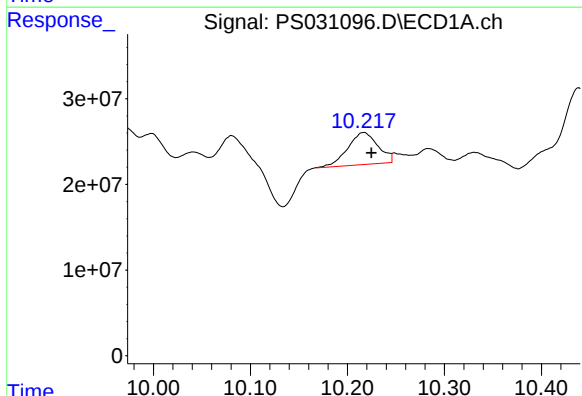
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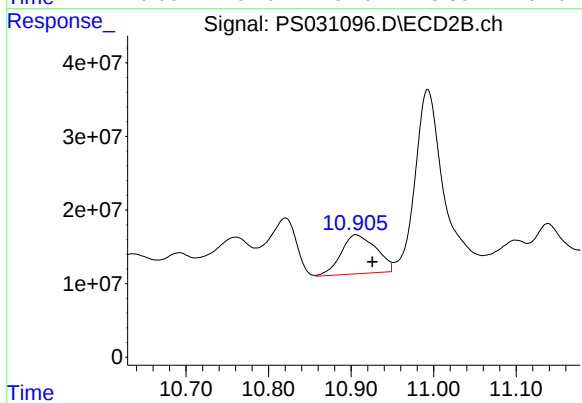
#12 2,4,5-T

R.T.: 10.356 min
Delta R.T.: -0.002 min
Response: 1483334955
Conc: 106.01 ng/ml m



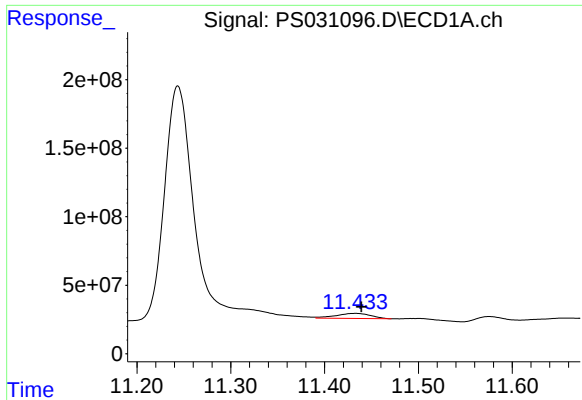
#13 2,4-DB

R.T.: 10.217 min
Delta R.T.: -0.008 min
Response: 82188344
Conc: 37.86 ng/ml m



#13 2,4-DB

R.T.: 10.905 min
Delta R.T.: -0.021 min
Response: 156756505
Conc: 132.49 ng/ml m



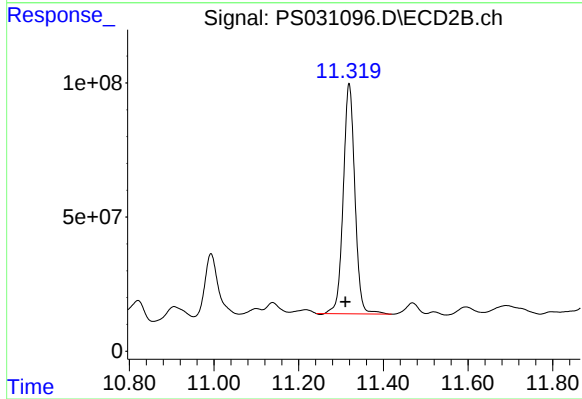
#14 DINOSEB

R.T.: 11.433 min
Delta R.T.: -0.006 min
Response: 94983922
Conc: 7.20 ng/ml

Instrument :
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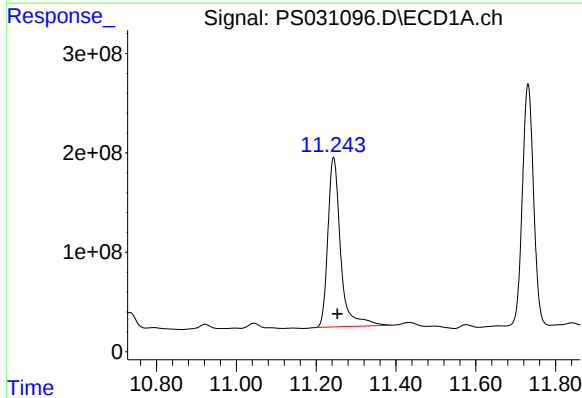
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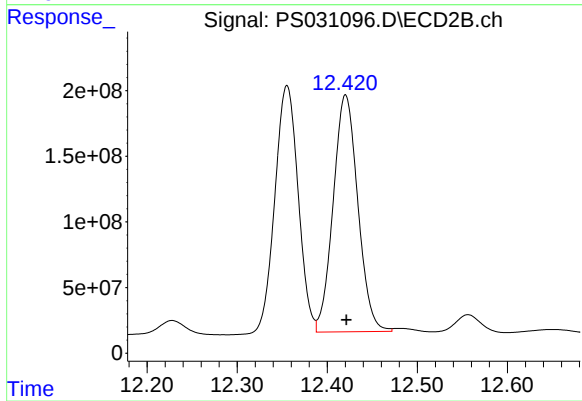
#14 DINOSEB

R.T.: 11.319 min
Delta R.T.: 0.009 min
Response: 1634821250
Conc: 144.02 ng/ml



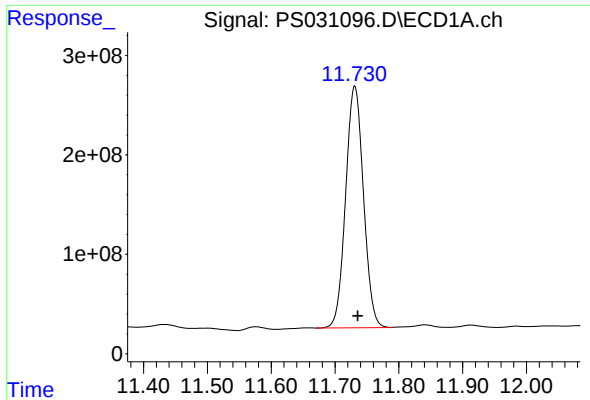
#15 Picloram

R.T.: 11.244 min
Delta R.T.: -0.010 min
Response: 3775181552
Conc: 259.07 ng/ml



#15 Picloram

R.T.: 12.420 min
Delta R.T.: -0.001 min
Response: 3432318158
Conc: 146.18 ng/ml m



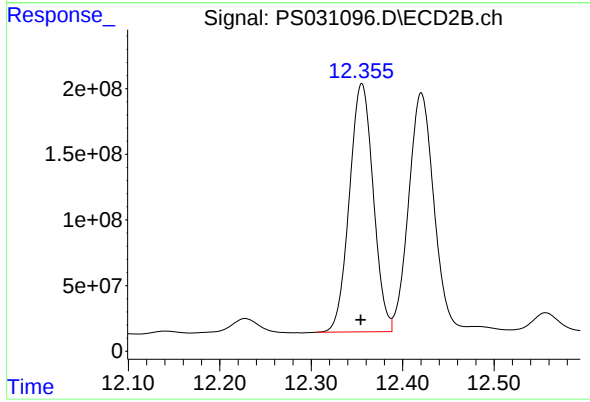
#16 DCPA

R.T.: 11.731 min
Delta R.T.: -0.005 min
Response: 4720590841
Conc: 197.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
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#16 DCPA

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 3423706139
Conc: 151.81 ng/ml m