

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS110223\
 Data File : PS024741.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2023 15:08
 Operator : AR\AJ
 Sample : 05172-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 AU-05-103123MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/03/2023
 Supervised By :mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 23:11:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100323.M
 Quant Title : 8080.M
 QLast Update : Tue Oct 03 14:54:54 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 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	6.356	6.777	383.0E6	101.0E6	186.179	146.062
Target Compounds							
1) T	Dalapon	2.477	2.539	588.1E6	239.2E6	238.034	213.724
2) T	3,5-DICHL...	5.732	5.965	306.8E6	103.3E6	97.811	95.022
3) T	4-Nitroph...	6.195	6.392	194.4E6	61791949	143.631	135.468m
5) T	DICAMBA	6.498	6.938	1424.1E6	412.9E6	158.754	139.433
6) T	MCPD	6.646	7.031	20181907	8284374	3.186	4.204 #
7) T	MCPA	6.767	7.237	95980384	42747612	10.769m	13.341
8) T	DICHLORPROP	7.085	7.556	198.6E6	86722509	84.494	115.316 #
9) T	2,4-D	7.283	7.836	449.0E6	121.0E6	162.507	131.506
10) T	Pentachlo...	7.511	8.259	1129.2E6	317.4E6	34.729	29.130
11) T	2,4,5-TP ...	8.033	8.617	626.8E6	180.2E6	45.240	42.478m
12) T	2,4,5-T	8.289	8.987	1099.0E6	301.0E6	84.114	72.990m
13) T	2,4-DB	8.799	9.491	150.7E6	26717363	73.766	52.430m#
15) T	Picloram	9.673	10.768	4012.5E6	1390.4E6	230.124	223.739m
16) T	DCPA	10.111	10.739	5762.2E6	1661.9E6	338.500	318.528m

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

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Operator : AR\AJ
Sample : 05172-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

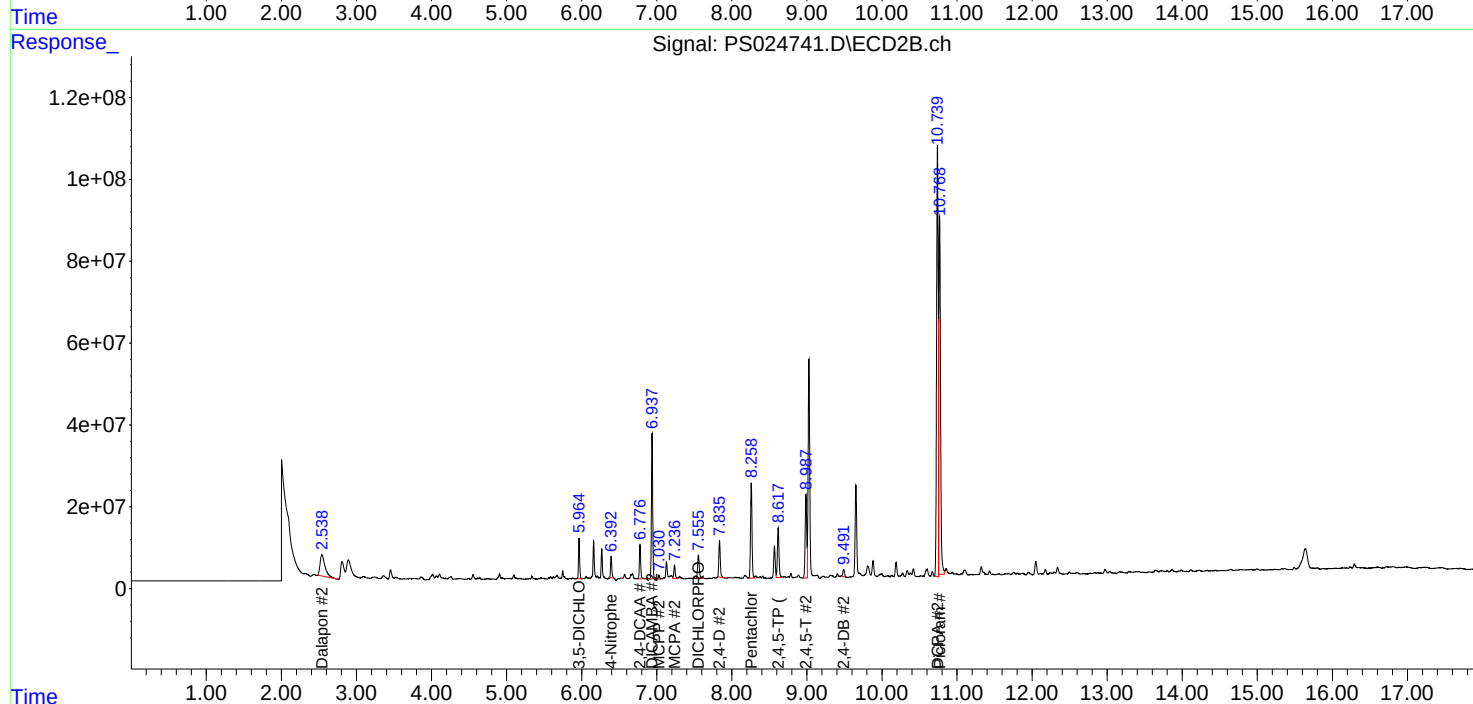
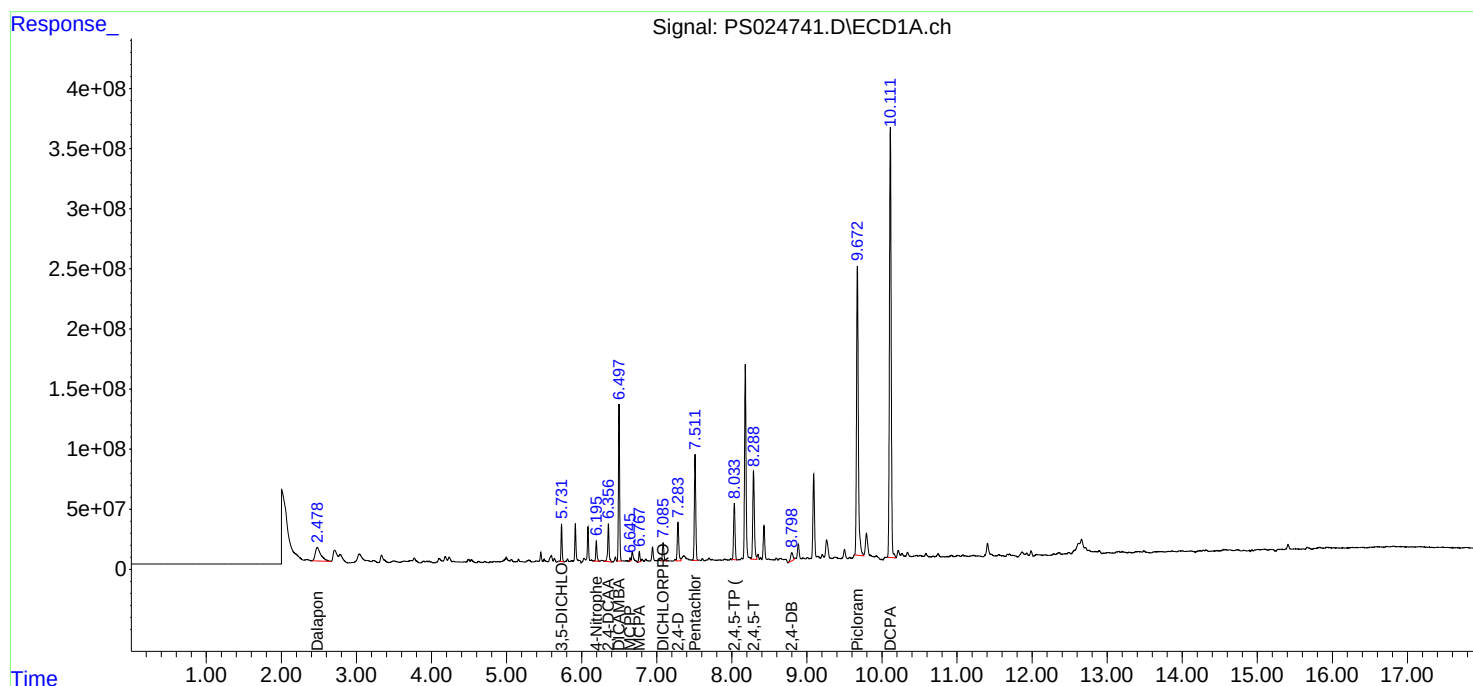
Instrument :
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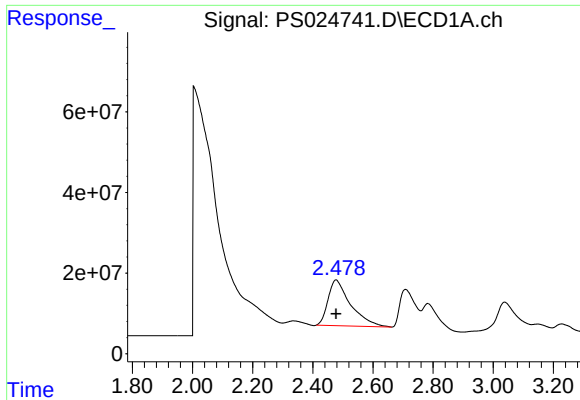
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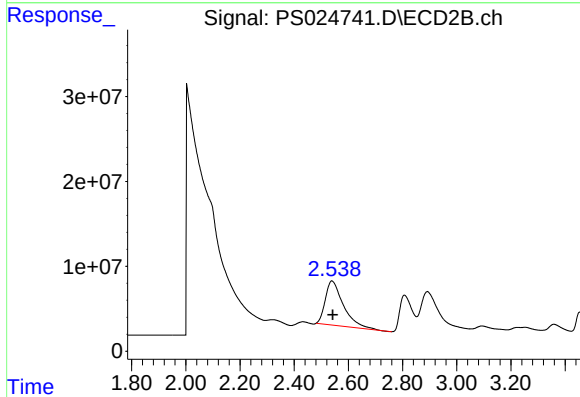
#1 Dalapon

R.T.: 2.477 min
Delta R.T.: 0.000 min
Response: 588076557
Conc: 238.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
AU-05-103123MSD

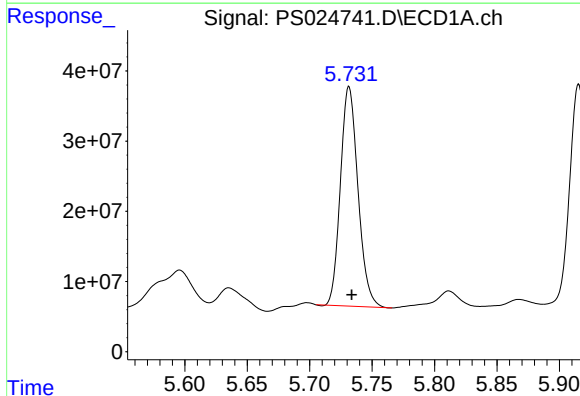
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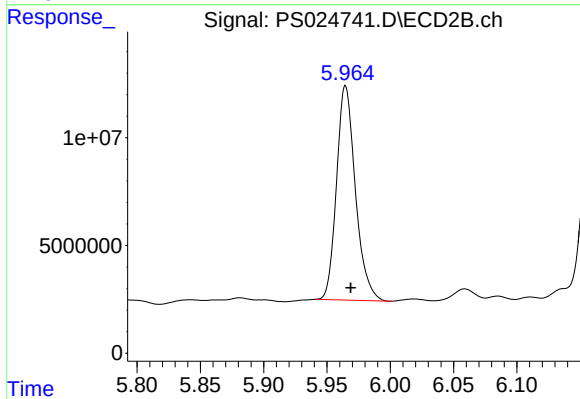
#1 Dalapon

R.T.: 2.539 min
Delta R.T.: -0.003 min
Response: 239185393
Conc: 213.72 ng/ml



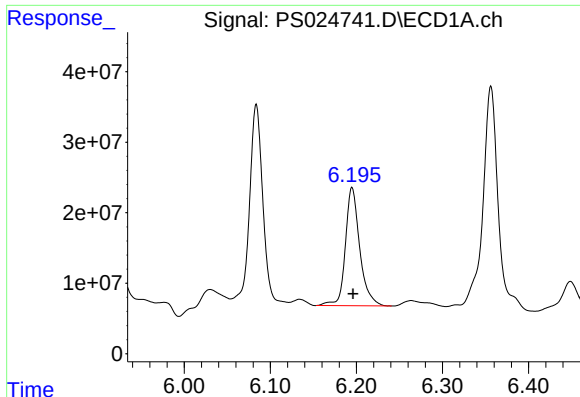
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.732 min
Delta R.T.: -0.002 min
Response: 306812619
Conc: 97.81 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.965 min
Delta R.T.: -0.004 min
Response: 103260392
Conc: 95.02 ng/ml



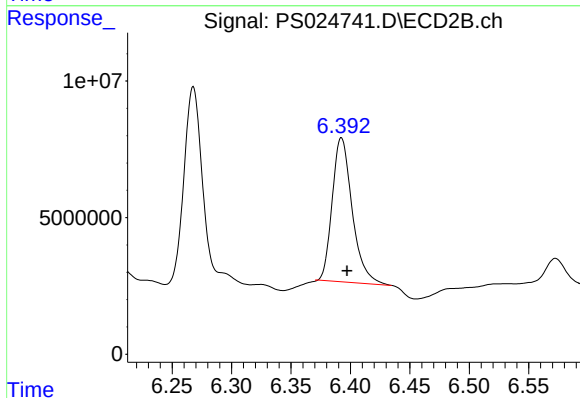
#3 4-Nitrophenol

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 194430112
Conc: 143.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
AU-05-103123MSD

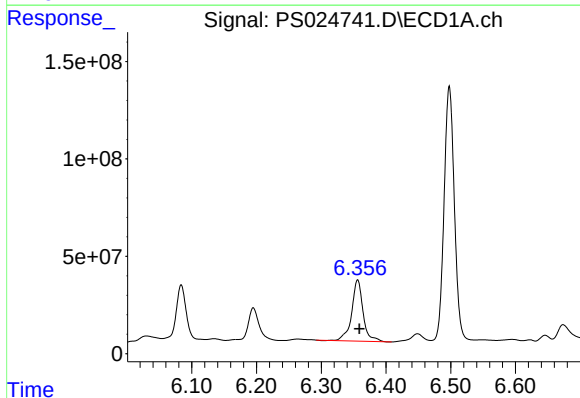
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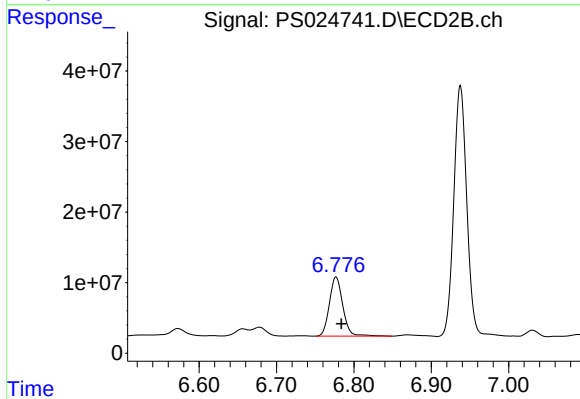
#3 4-Nitrophenol

R.T.: 6.392 min
Delta R.T.: -0.005 min
Response: 61791949
Conc: 135.47 ng/ml m



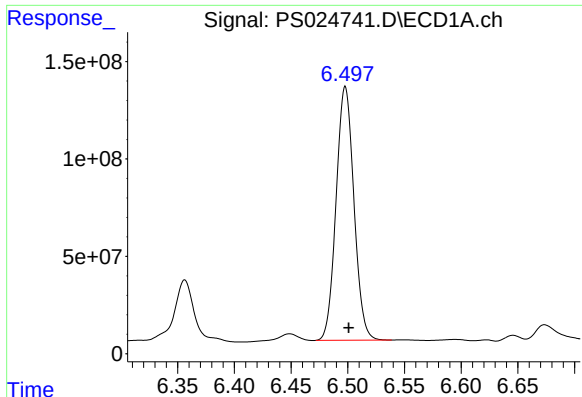
#4 2,4-DCAA

R.T.: 6.356 min
Delta R.T.: -0.003 min
Response: 383031934
Conc: 186.18 ng/ml



#4 2,4-DCAA

R.T.: 6.777 min
Delta R.T.: -0.007 min
Response: 100971202
Conc: 146.06 ng/ml



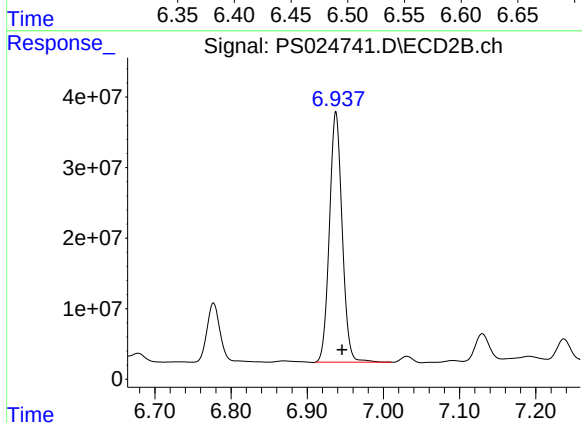
#5 DICAMBA

R.T.: 6.498 min
Delta R.T.: -0.003 min
Response: 1424119948
Conc: 158.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
AU-05-103123MSD

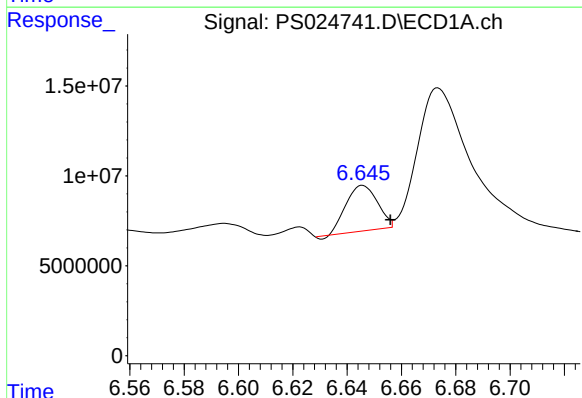
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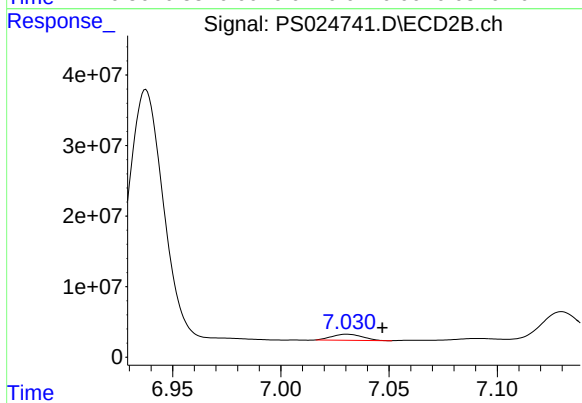
#5 DICAMBA

R.T.: 6.938 min
Delta R.T.: -0.008 min
Response: 412902810
Conc: 139.43 ng/ml



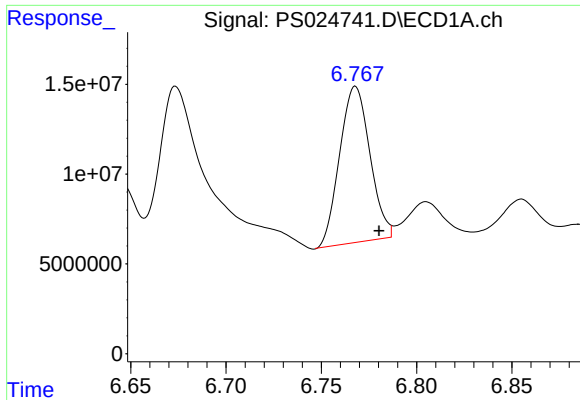
#6 MCPP

R.T.: 6.646 min
Delta R.T.: -0.010 min
Response: 20181907
Conc: 3.19 ug/ml



#6 MCPP

R.T.: 7.031 min
Delta R.T.: -0.016 min
Response: 8284374
Conc: 4.20 ug/ml



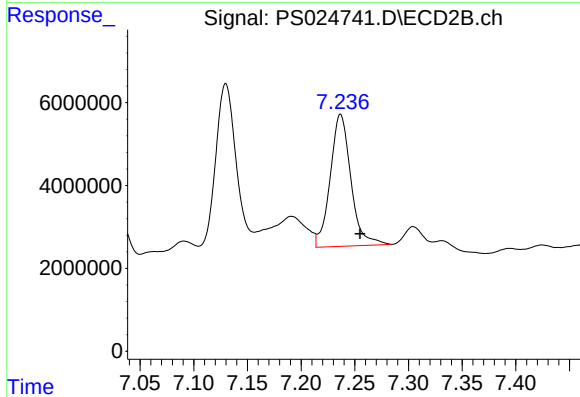
#7 MCPA

R.T.: 6.767 min
Delta R.T.: -0.013 min
Response: 95980384
Conc: 10.77 ug/ml

Instrument :
ECD_S
ClientSampleId :
AU-05-103123MSD

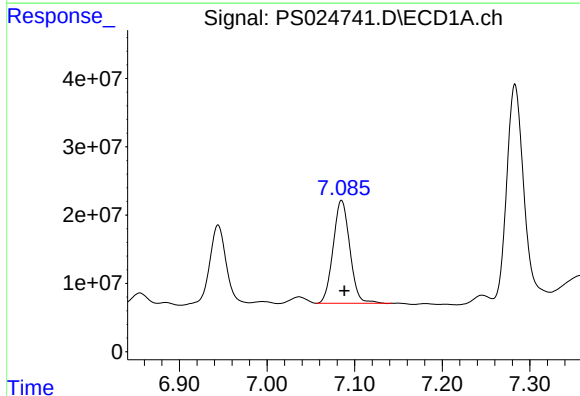
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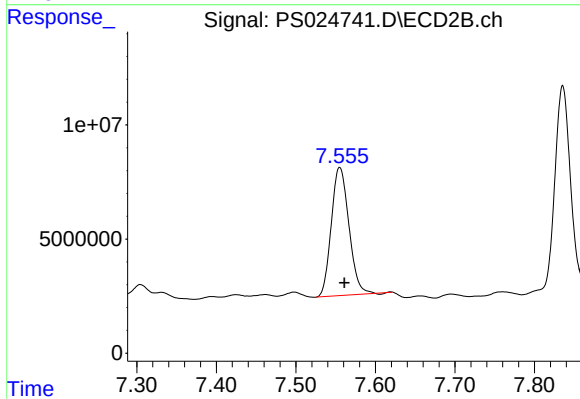
#7 MCPA

R.T.: 7.237 min
Delta R.T.: -0.018 min
Response: 42747612
Conc: 13.34 ug/ml



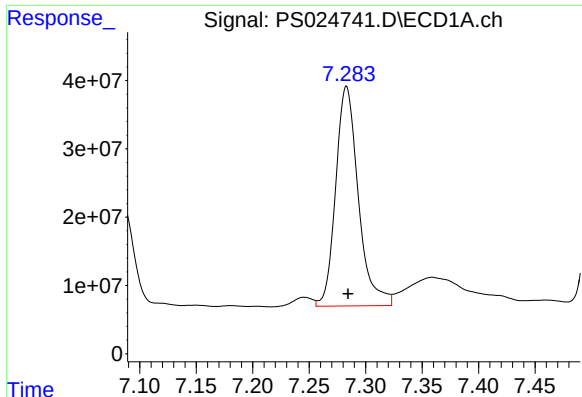
#8 DICHLORPROP

R.T.: 7.085 min
Delta R.T.: -0.003 min
Response: 198626227
Conc: 84.49 ng/ml



#8 DICHLORPROP

R.T.: 7.556 min
Delta R.T.: -0.005 min
Response: 86722509
Conc: 115.32 ng/ml



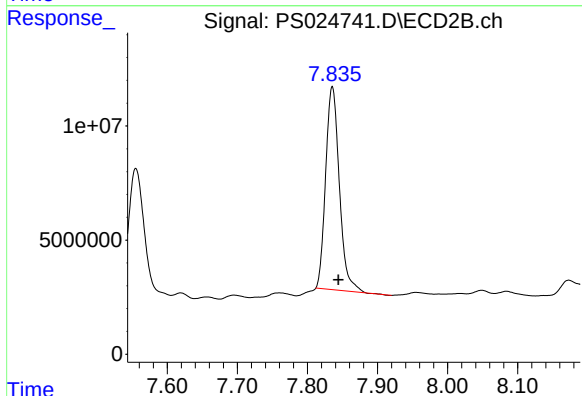
#9 2,4-D

R.T.: 7.283 min
Delta R.T.: -0.001 min
Response: 449004692
Conc: 162.51 ng/ml

Instrument :
ECD_S
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AU-05-103123MSD

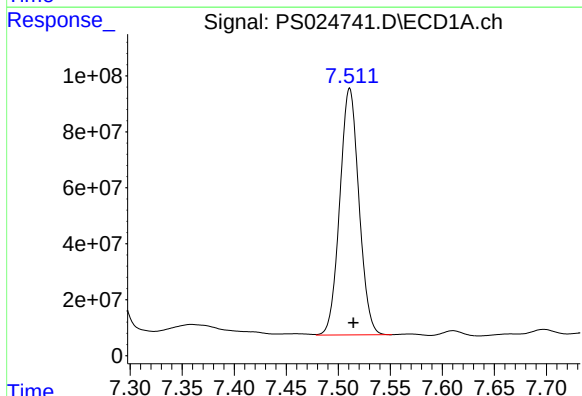
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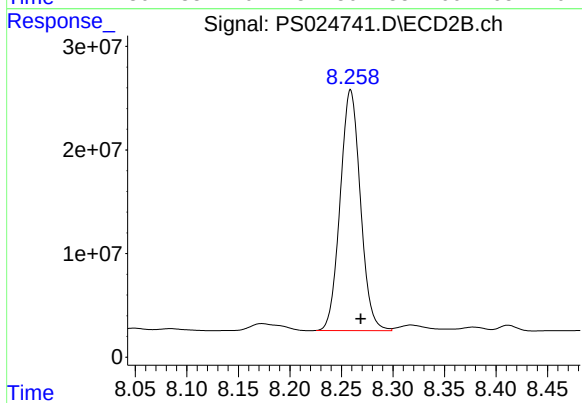
#9 2,4-D

R.T.: 7.836 min
Delta R.T.: -0.009 min
Response: 121046225
Conc: 131.51 ng/ml



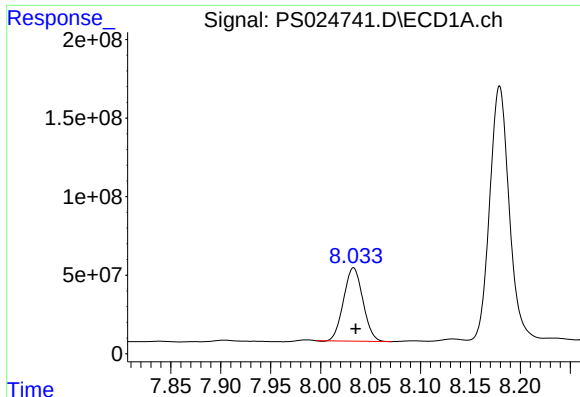
#10 Pentachlorophenol

R.T.: 7.511 min
Delta R.T.: -0.004 min
Response: 1129203446
Conc: 34.73 ng/ml



#10 Pentachlorophenol

R.T.: 8.259 min
Delta R.T.: -0.010 min
Response: 317403909
Conc: 29.13 ng/ml



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

R.T.: 8.033 min
Delta R.T.: -0.002 min
Response: 626809271
Conc: 45.24 ng/ml

Instrument :

ECD_S

ClientSampleId :

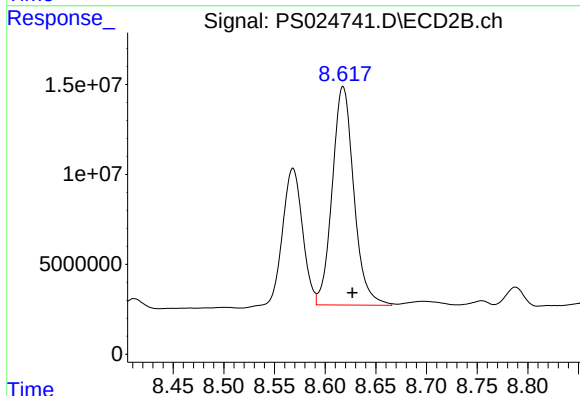
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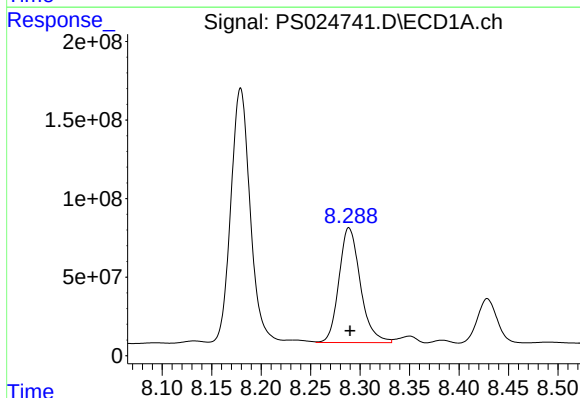
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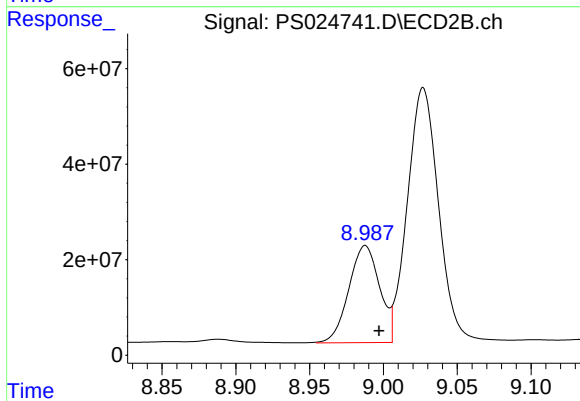
#11 2,4,5-TP (SILVEX)

R.T.: 8.617 min
Delta R.T.: -0.010 min
Response: 180151959
Conc: 42.48 ng/ml m



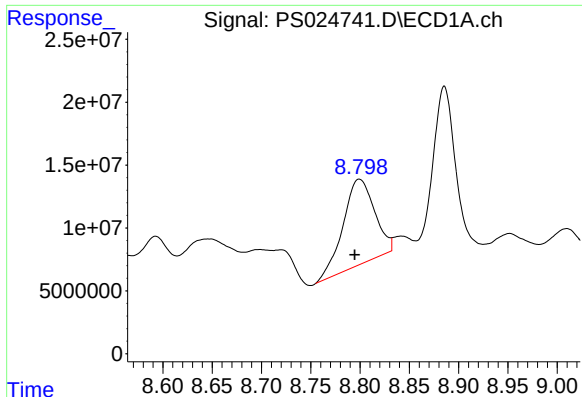
#12 2,4,5-T

R.T.: 8.289 min
Delta R.T.: -0.001 min
Response: 1098965602
Conc: 84.11 ng/ml



#12 2,4,5-T

R.T.: 8.987 min
Delta R.T.: -0.010 min
Response: 300976403
Conc: 72.99 ng/ml m



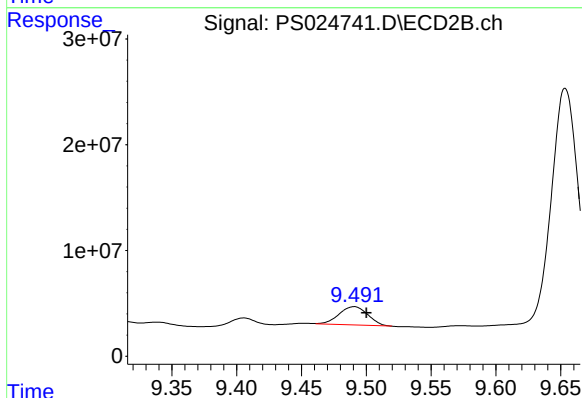
#13 2,4-DB

R.T.: 8.799 min
Delta R.T.: 0.005 min
Response: 150700915
Conc: 73.77 ng/ml

Instrument :
ECD_S
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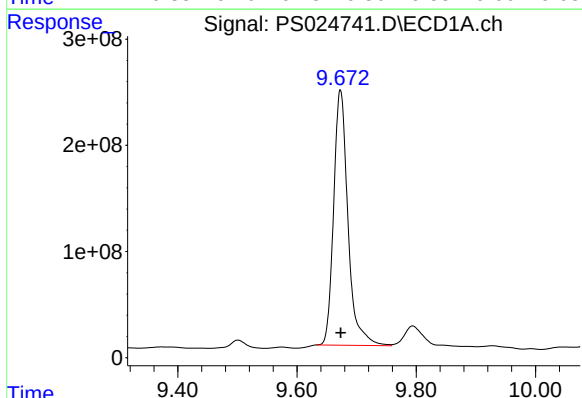
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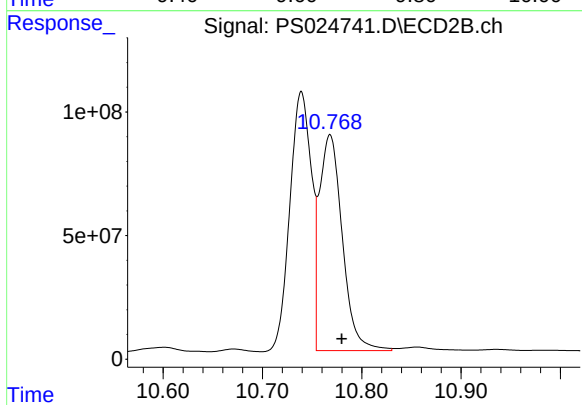
#13 2,4-DB

R.T.: 9.491 min
Delta R.T.: -0.009 min
Response: 26717363
Conc: 52.43 ng/ml m



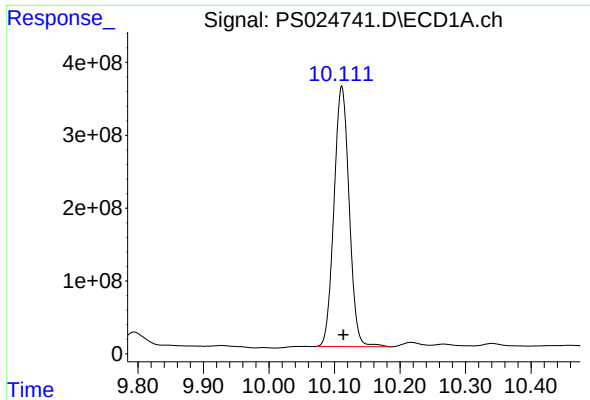
#15 Picloram

R.T.: 9.673 min
Delta R.T.: 0.000 min
Response: 4012522140
Conc: 230.12 ng/ml



#15 Picloram

R.T.: 10.768 min
Delta R.T.: -0.012 min
Response: 1390401363
Conc: 223.74 ng/ml m



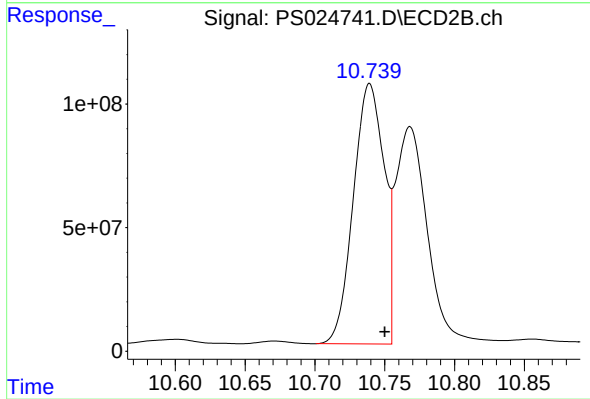
#16 DCPA

R.T.: 10.111 min
Delta R.T.: -0.003 min
Response: 5762194580
Conc: 338.50 ng/ml

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#16 DCPA

R.T.: 10.739 min
Delta R.T.: -0.011 min
Response: 1661899402
Conc: 318.53 ng/ml m