

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
 Data File : PS030535.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2025 12:31
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/09/2025
 Supervised By :mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 01:16:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.363	7.771	2884.1E6	790.6E6	763.972	734.992
Target Compounds							
1) T	Dalapon	2.714	2.714	4021.9E6	1843.2E6	712.218	672.715
2) T	3,5-DICHL...	6.519	6.715	3991.7E6	1112.3E6	735.614	711.105
3) T	4-Nitroph...	7.162	7.301	1249.7E6	1117.7E6	681.499	713.148
5) T	DICAMBA	7.554	7.975	11599.6E6	4688.5E6	752.119	727.846
6) T	MCP	7.737	8.075	763.3E6	168.5E6	77.058m	72.892
7) T	MCPA	7.888	8.324	910.9E6	213.8E6	71.782	69.270
8) T	DICHLORPROP	8.271	8.695	2636.7E6	1056.6E6	724.748	711.903
9) T	2,4-D	8.503	9.030	2604.5E6	1169.5E6	714.811	743.829m
10) T	Pentachlo...	8.814	9.557	40520.2E6	27282.6E6	797.860	754.956
11) T	2,4,5-TP ...	9.394	9.938	15562.5E6	10107.2E6	753.080	736.853
12) T	2,4,5-T	9.688	10.363	13346.0E6	9591.4E6	724.106	734.571
13) T	2,4-DB	10.268	10.930	2071.5E6	821.6E6	682.234	714.726
14) T	DINOSEB	11.491	11.316	10832.1E6	7441.7E6	753.543	740.462
15) T	Picloram	11.297	12.424	13318.7E6	16014.5E6	665.774m	725.168
16) T	DCPA	11.787	12.360	20280.6E6	14863.7E6	767.039	726.371m

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

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Acq On : 06 Jun 2025 12:31
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

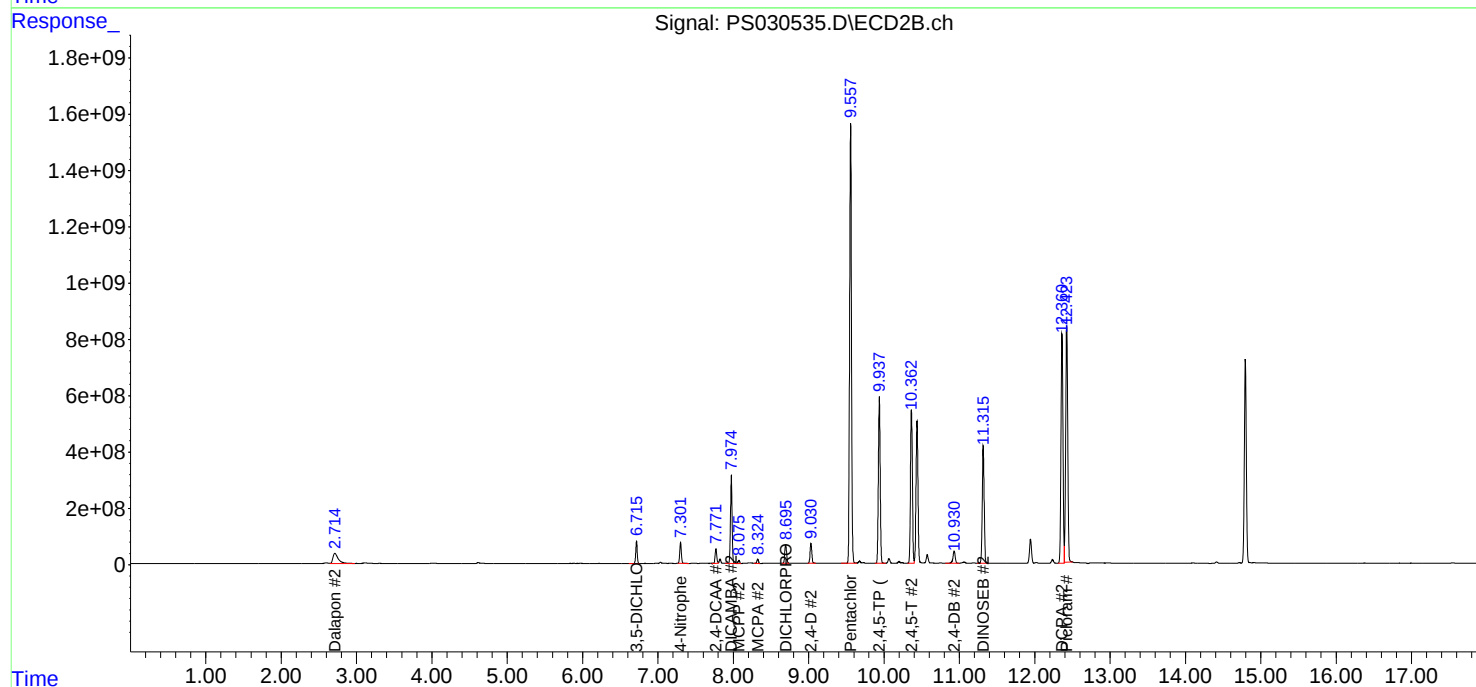
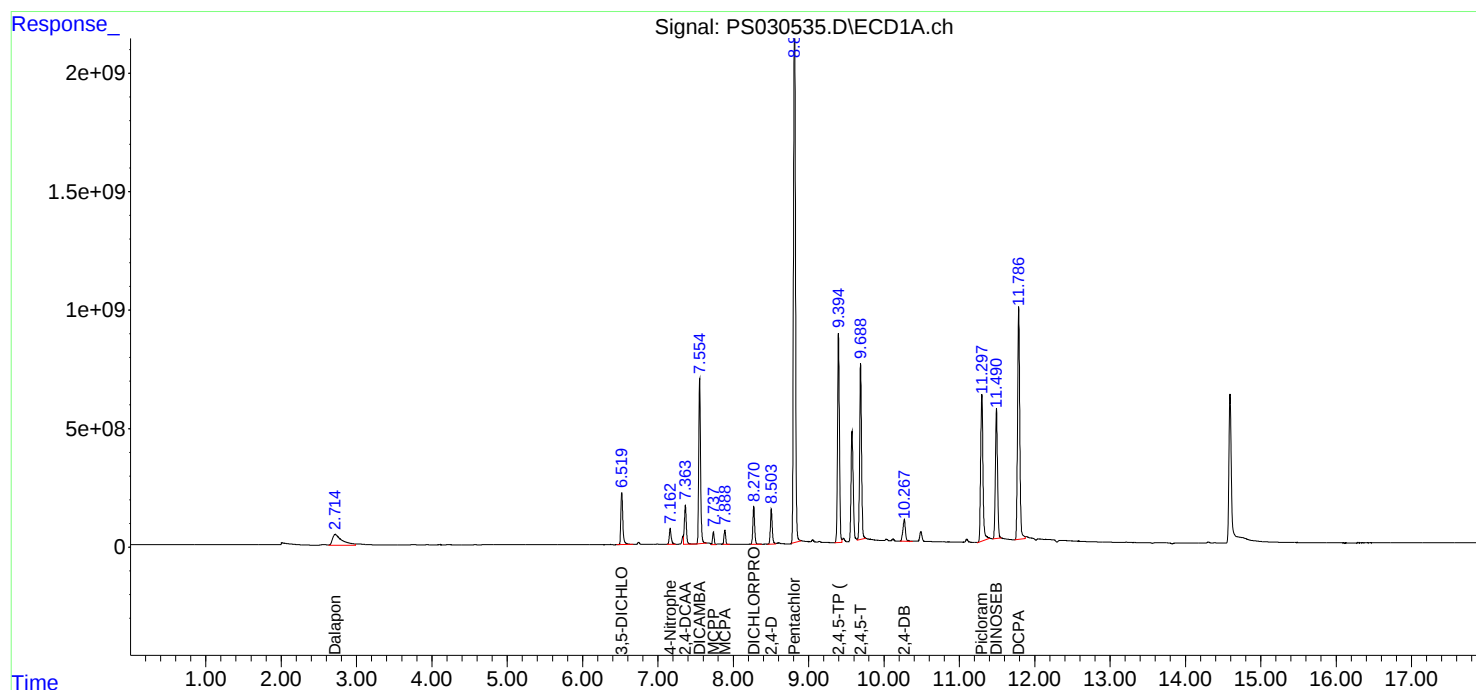
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

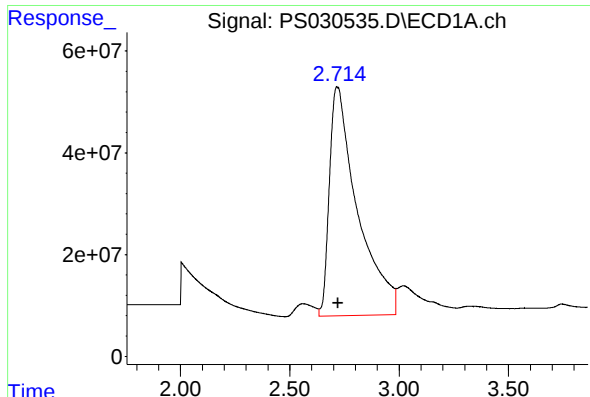
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.714 min
Delta R.T.: -0.006 min
Response: 4021873239
Conc: 712.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

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#1 Dalapon

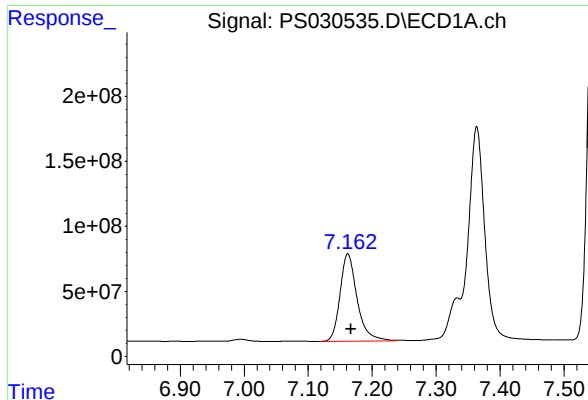
R.T.: 2.714 min
Delta R.T.: 0.003 min
Response: 1843248928
Conc: 672.71 ng/ml

#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.519 min
Delta R.T.: -0.005 min
Response: 3991700884
Conc: 735.61 ng/ml

#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: -0.002 min
Response: 1112344809
Conc: 711.11 ng/ml



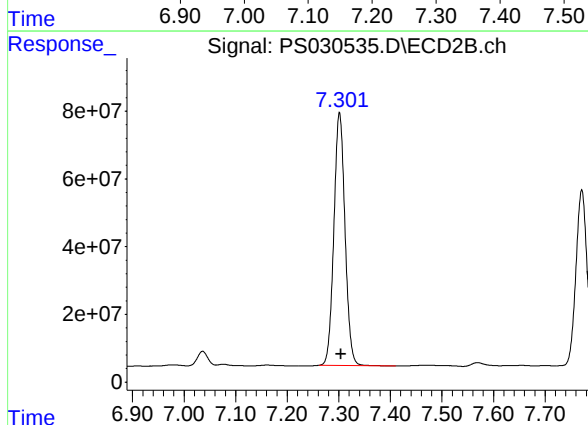
#3 4-Nitrophenol

R.T.: 7.162 min
Delta R.T.: -0.005 min
Response: 1249702876
Conc: 681.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

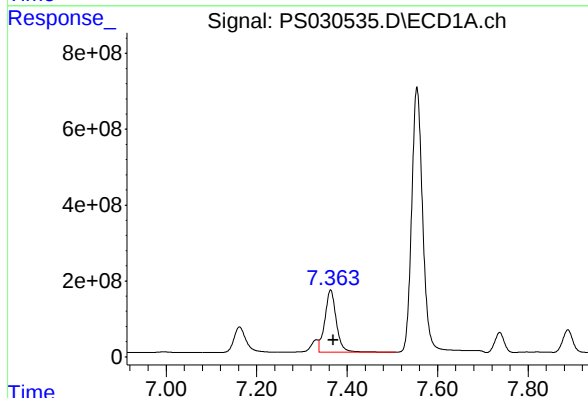
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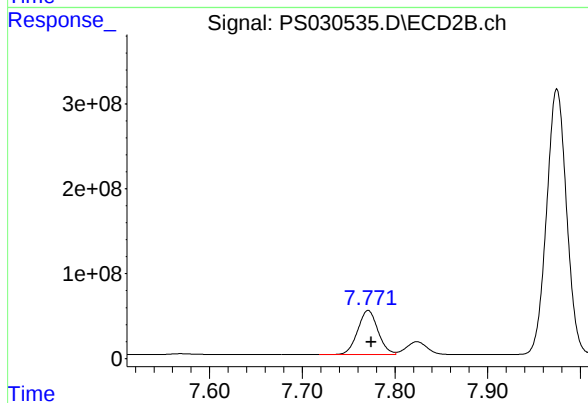
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: -0.002 min
Response: 1117676459
Conc: 713.15 ng/ml



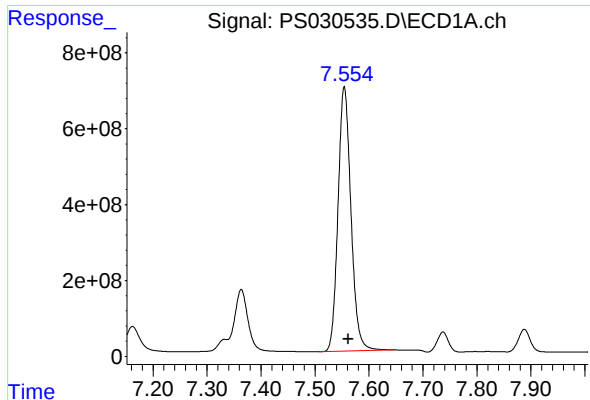
#4 2,4-DCAA

R.T.: 7.363 min
Delta R.T.: -0.006 min
Response: 2884106271
Conc: 763.97 ng/ml



#4 2,4-DCAA

R.T.: 7.771 min
Delta R.T.: -0.003 min
Response: 790564914
Conc: 734.99 ng/ml



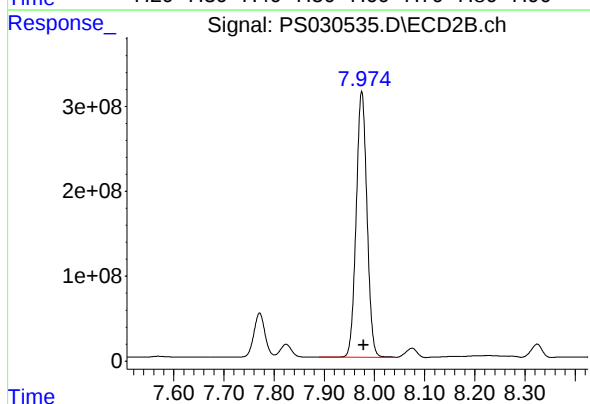
#5 DICAMBA

R.T.: 7.554 min
Delta R.T.: -0.007 min
Response: 11599583255
Conc: 752.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

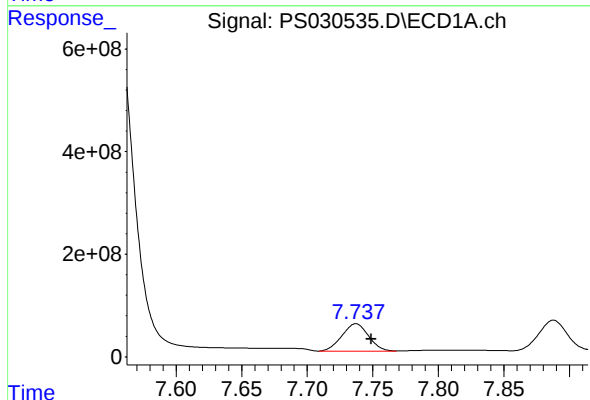
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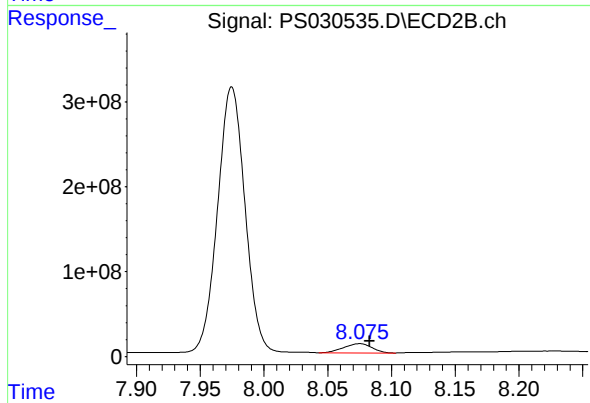
#5 DICAMBA

R.T.: 7.975 min
Delta R.T.: -0.004 min
Response: 4688526121
Conc: 727.85 ng/ml



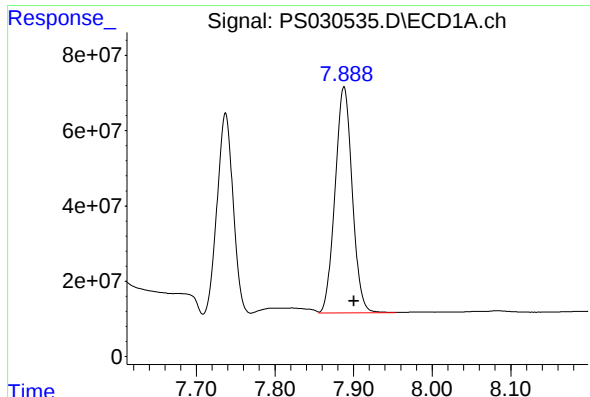
#6 MCPP

R.T.: 7.737 min
Delta R.T.: -0.012 min
Response: 763251319
Conc: 77.06 ug/ml m



#6 MCPP

R.T.: 8.075 min
Delta R.T.: -0.008 min
Response: 168495841
Conc: 72.89 ug/ml



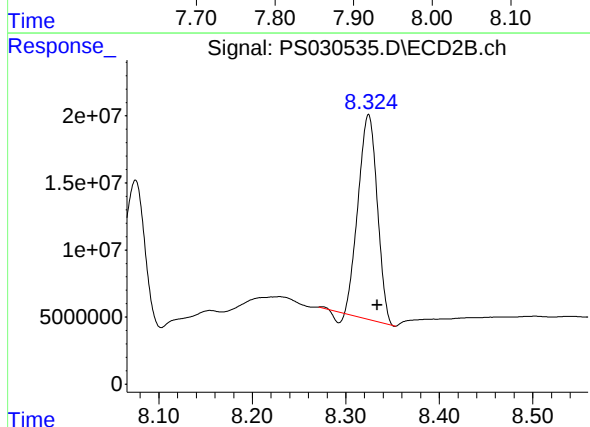
#7 MCPA

R.T.: 7.888 min
Delta R.T.: -0.013 min
Response: 910872439
Conc: 71.78 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

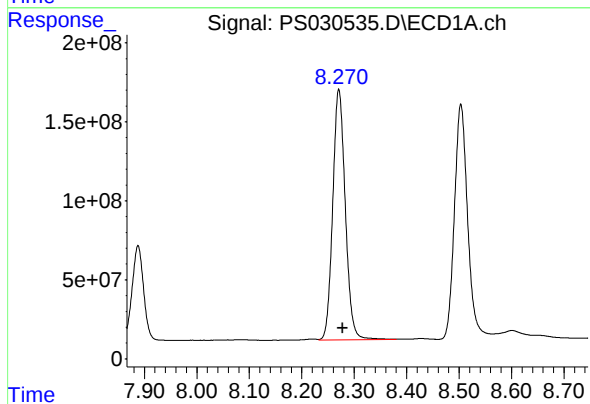
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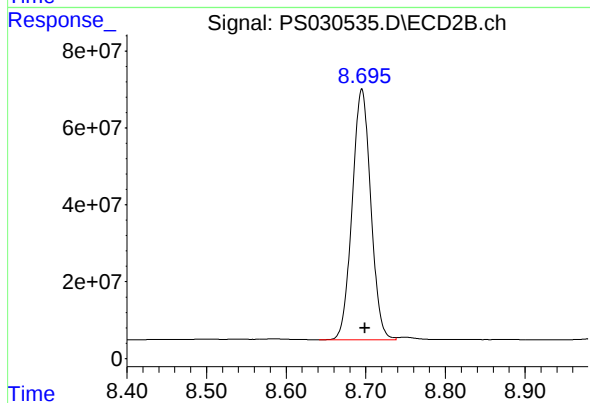
#7 MCPA

R.T.: 8.324 min
Delta R.T.: -0.009 min
Response: 213759785
Conc: 69.27 ug/ml



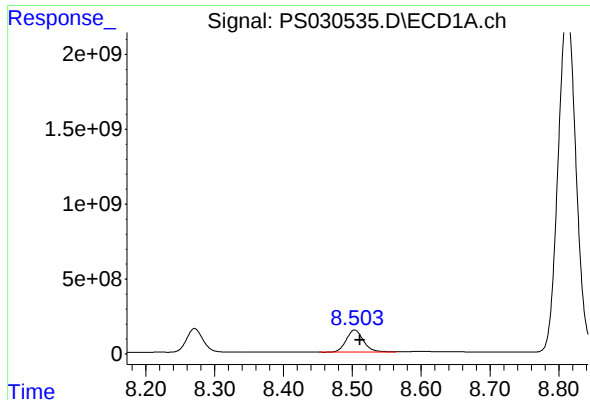
#8 DICHLORPROP

R.T.: 8.271 min
Delta R.T.: -0.008 min
Response: 2636738276
Conc: 724.75 ng/ml



#8 DICHLORPROP

R.T.: 8.695 min
Delta R.T.: -0.004 min
Response: 1056609819
Conc: 711.90 ng/ml



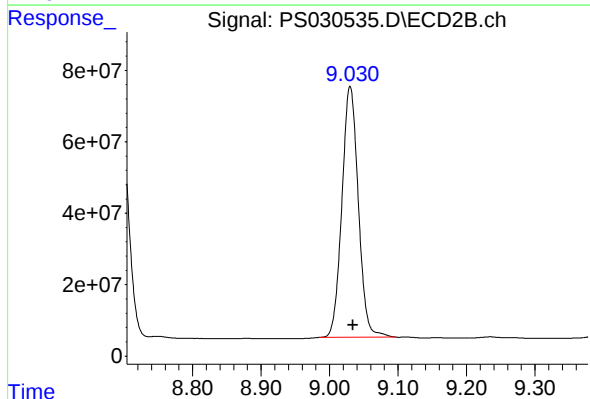
#9 2,4-D

R.T.: 8.503 min
Delta R.T.: -0.008 min
Response: 2604493912
Conc: 714.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

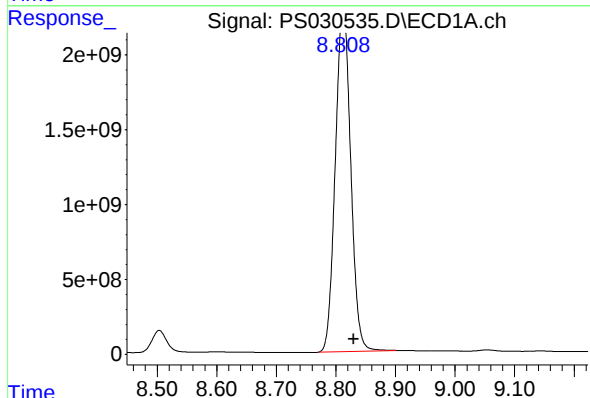
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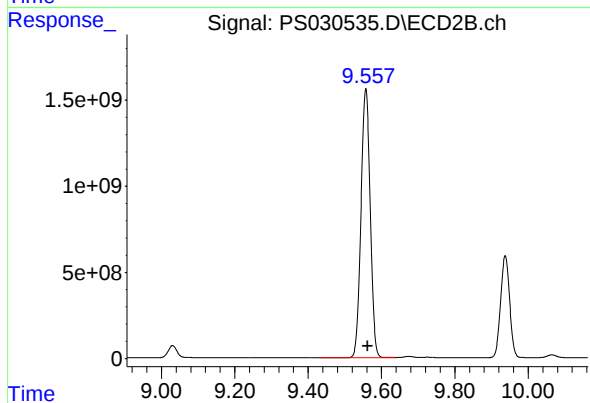
#9 2,4-D

R.T.: 9.030 min
Delta R.T.: -0.005 min
Response: 1169537760
Conc: 743.83 ng/ml



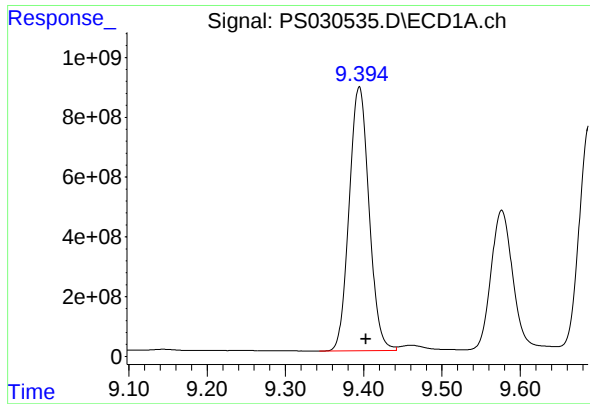
#10 Pentachlorophenol

R.T.: 8.814 min
Delta R.T.: -0.016 min
Response: 40520239821
Conc: 797.86 ng/ml



#10 Pentachlorophenol

R.T.: 9.557 min
Delta R.T.: -0.006 min
Response: 27282602577
Conc: 754.96 ng/ml



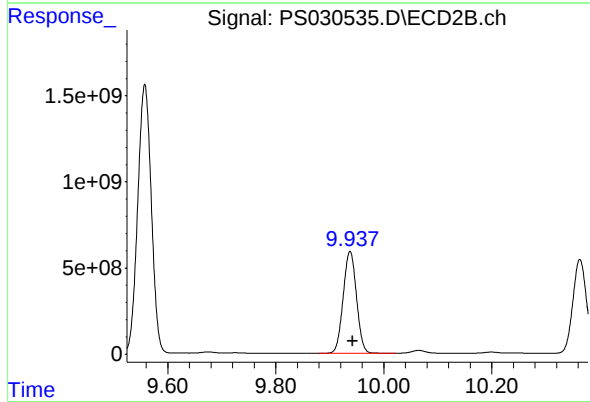
#11 2,4,5-TP (SILVEX)

R.T.: 9.394 min
Delta R.T.: -0.009 min
Response: 15562464025
Conc: 753.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

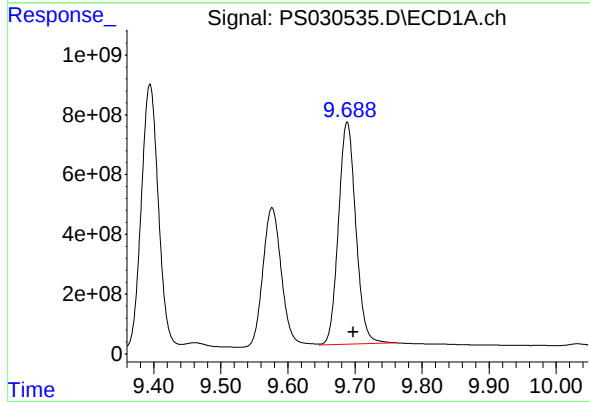
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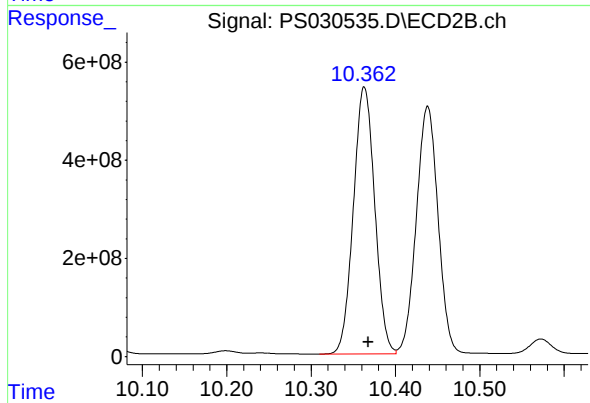
#11 2,4,5-TP (SILVEX)

R.T.: 9.938 min
Delta R.T.: -0.005 min
Response: 10107226351
Conc: 736.85 ng/ml



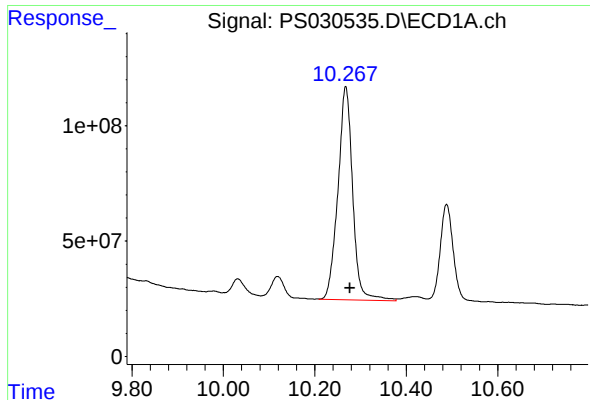
#12 2,4,5-T

R.T.: 9.688 min
Delta R.T.: -0.009 min
Response: 13346043741
Conc: 724.11 ng/ml



#12 2,4,5-T

R.T.: 10.363 min
Delta R.T.: -0.005 min
Response: 9591390903
Conc: 734.57 ng/ml



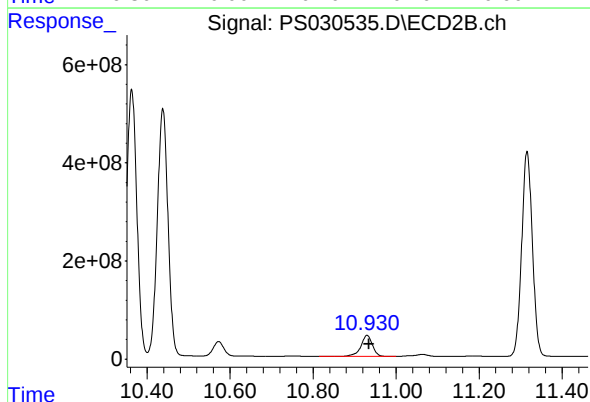
#13 2,4-DB

R.T.: 10.268 min
Delta R.T.: -0.010 min
Response: 2071510596
Conc: 682.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

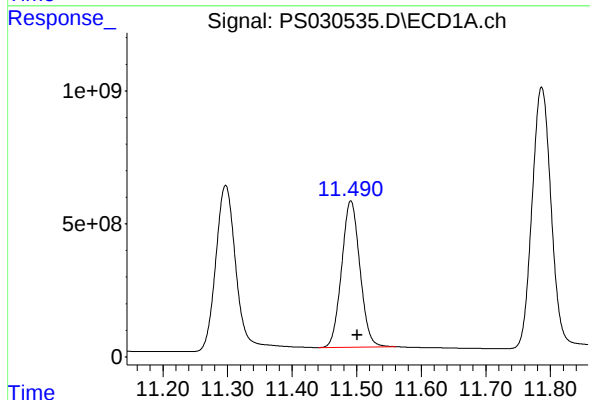
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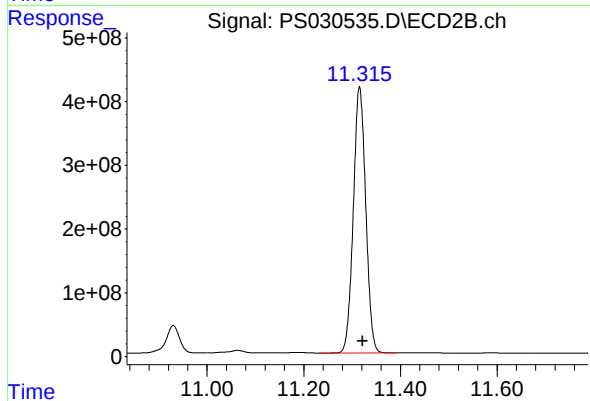
#13 2,4-DB

R.T.: 10.930 min
Delta R.T.: -0.005 min
Response: 821614638
Conc: 714.73 ng/ml



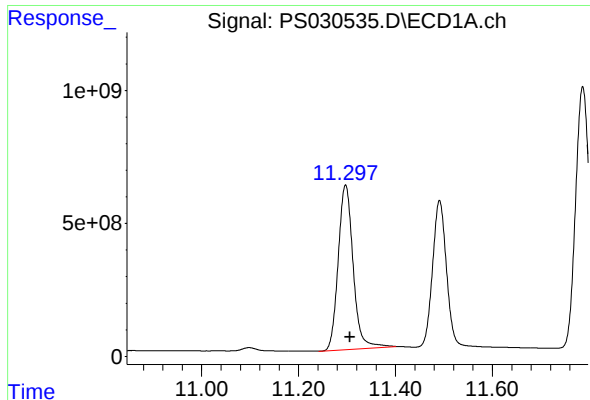
#14 DINOSEB

R.T.: 11.491 min
Delta R.T.: -0.010 min
Response: 10832131651
Conc: 753.54 ng/ml



#14 DINOSEB

R.T.: 11.316 min
Delta R.T.: -0.006 min
Response: 7441724549
Conc: 740.46 ng/ml



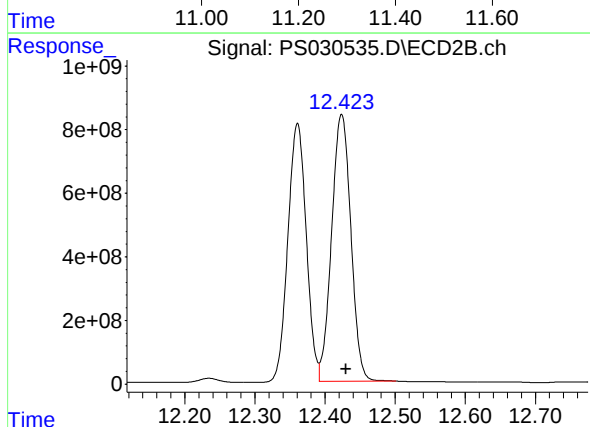
#15 Picloram

R.T.: 11.297 min
Delta R.T.: -0.009 min
Response: 13318685839
Conc: 665.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

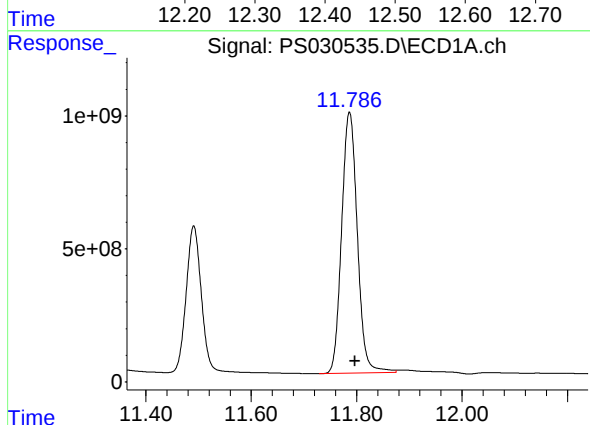
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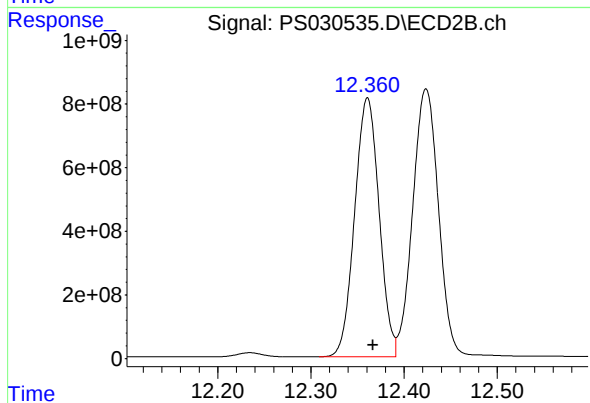
#15 Picloram

R.T.: 12.424 min
Delta R.T.: -0.006 min
Response: 16014531944
Conc: 725.17 ng/ml



#16 DCPA

R.T.: 11.787 min
Delta R.T.: -0.010 min
Response: 20280579192
Conc: 767.04 ng/ml



#16 DCPA

R.T.: 12.360 min
Delta R.T.: -0.006 min
Response: 14863687671
Conc: 726.37 ng/ml m