

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070725\
 Data File : PS030917.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 10:01
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/08/2025
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 01:49:59 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	7.337	7.767	2536.1E6	769.3E6	690.209m	717.631
Target Compounds							
1) T	Dalapon	2.703	2.711	3722.8E6	1812.0E6	624.037	660.882
2) T	3,5-DICHL...	6.498	6.713	3470.7E6	1073.9E6	645.398	665.698
3) T	4-Nitroph...	7.137	7.299	1042.7E6	1122.0E6	661.276	647.209
5) T	DICAMBA	7.526	7.969	10232.7E6	4556.0E6	672.535m	695.227
6) T	MCPD	7.708	8.068	684.4E6	158.6E6	72.897m	75.629
7) T	MCPA	7.859	8.317	810.6E6	229.2E6	69.098	72.846
8) T	DICHLORPROP	8.240	8.688	2359.9E6	1032.2E6	630.006	656.422
9) T	2,4-D	8.472	9.024	2321.7E6	1135.9E6	674.058	668.434
10) T	Pentachlo...	8.779	9.548	36422.6E6	27446.8E6	688.186	719.972
11) T	2,4,5-TP ...	9.358	9.929	13954.3E6	10121.3E6	696.657	701.472
12) T	2,4,5-T	9.652	10.354	12306.9E6	9721.8E6	747.999	711.457
13) T	2,4-DB	10.229	10.922	1692.5E6	815.7E6	737.937m	689.591
14) T	DINOSEB	11.446	11.307	9625.0E6	7230.2E6	693.784m	670.628
15) T	Picloram	11.257	12.416	12022.8E6	16950.6E6	747.866m	729.329
16) T	DCPA	11.742	12.350	18415.9E6	15852.2E6	718.915	719.155m

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

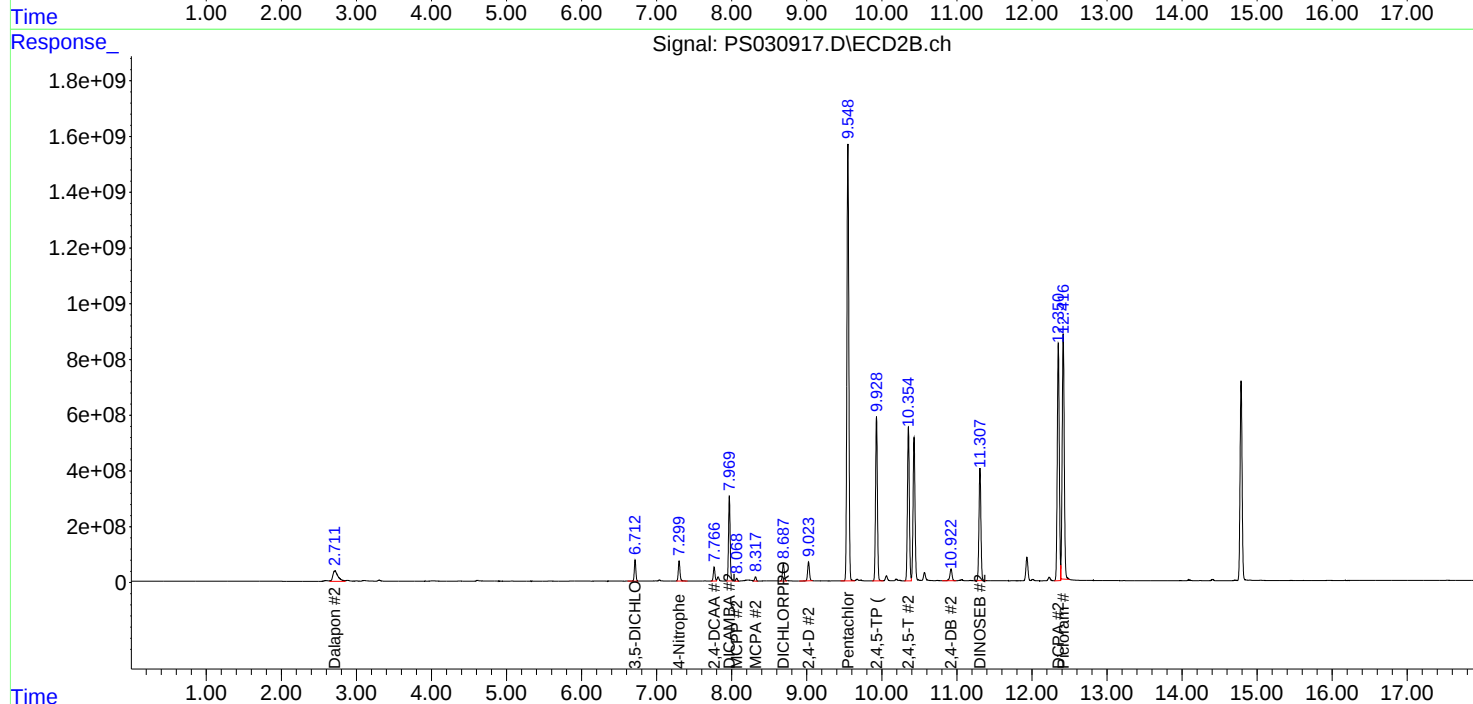
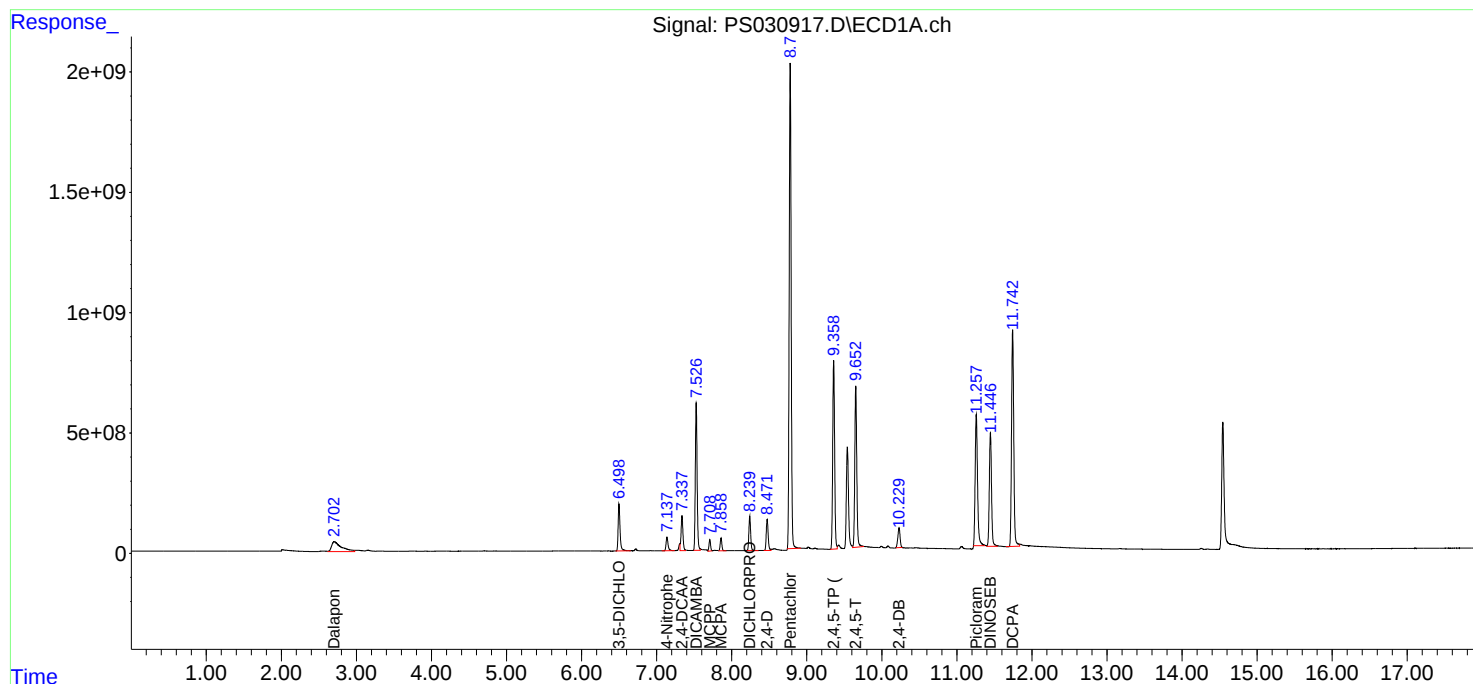
Instrument :
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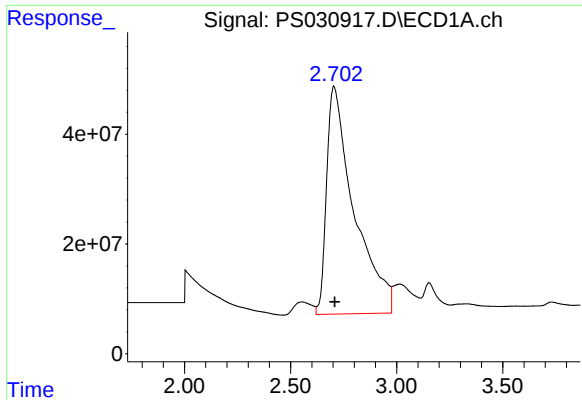
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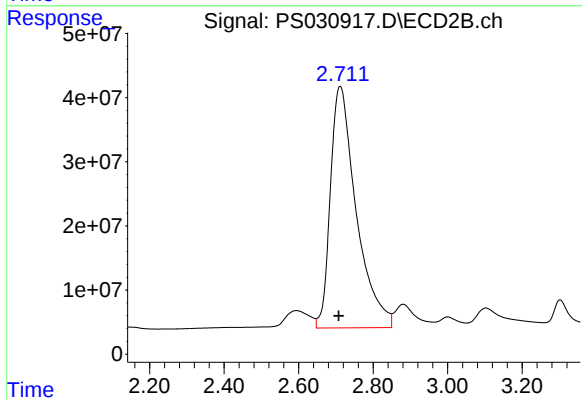
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: -0.005 min
Response: 3722775959
Conc: 624.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

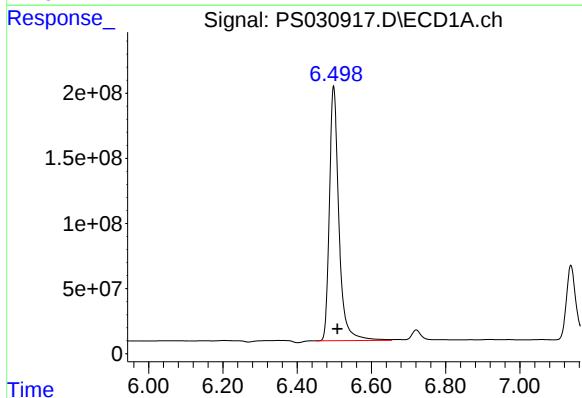
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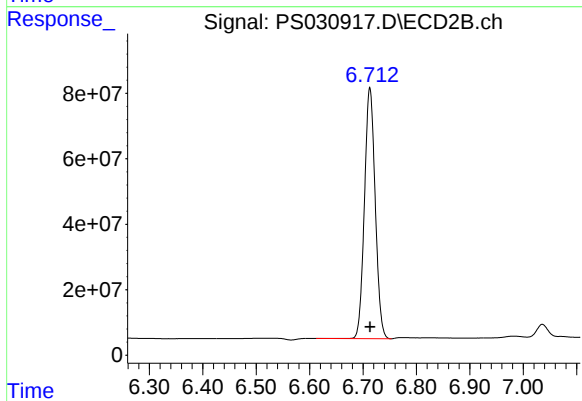
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.004 min
Response: 1811967274
Conc: 660.88 ng/ml



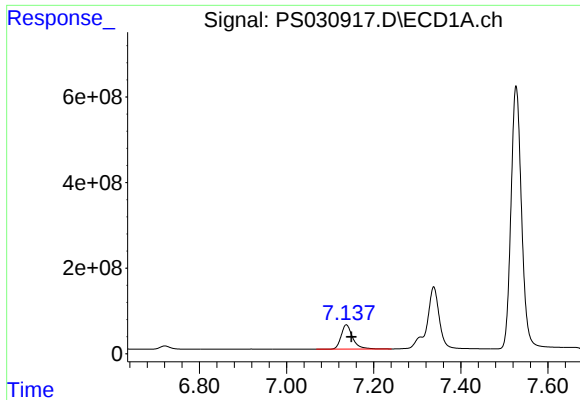
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.498 min
Delta R.T.: -0.010 min
Response: 3470658976
Conc: 645.40 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 1073871122
Conc: 665.70 ng/ml



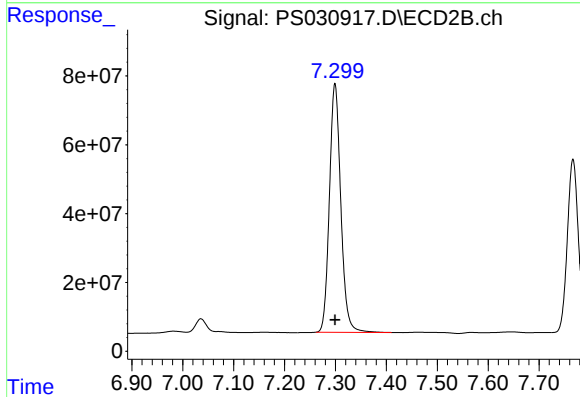
#3 4-Nitrophenol

R.T.: 7.137 min
Delta R.T.: -0.011 min
Response: 1042678829
Conc: 661.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

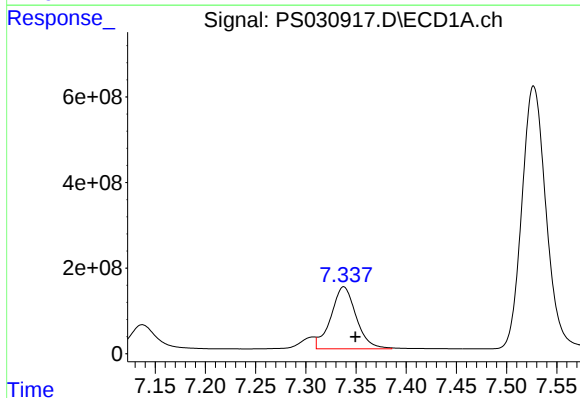
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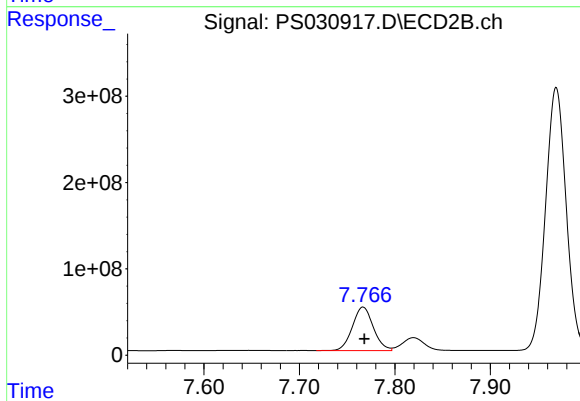
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 1121959814
Conc: 647.21 ng/ml



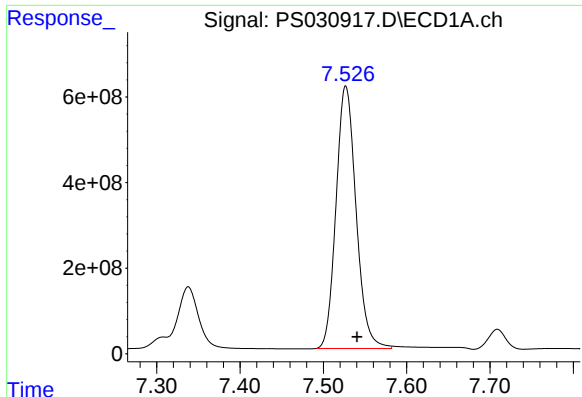
#4 2,4-DCAA

R.T.: 7.337 min
Delta R.T.: -0.012 min
Response: 2536099754
Conc: 690.21 ng/ml m



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.001 min
Response: 769274444
Conc: 717.63 ng/ml



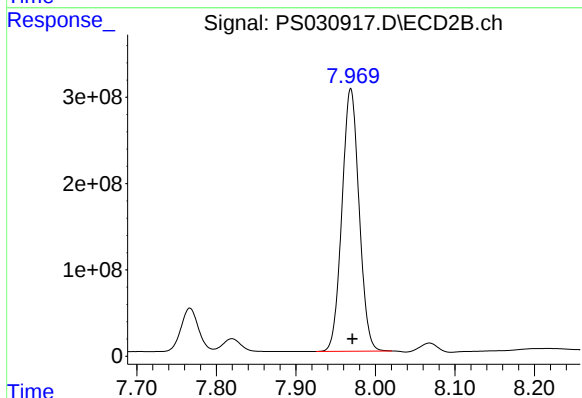
#5 DICAMBA

R.T.: 7.526 min
Delta R.T.: -0.014 min
Response: 10232690069
Conc: 672.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

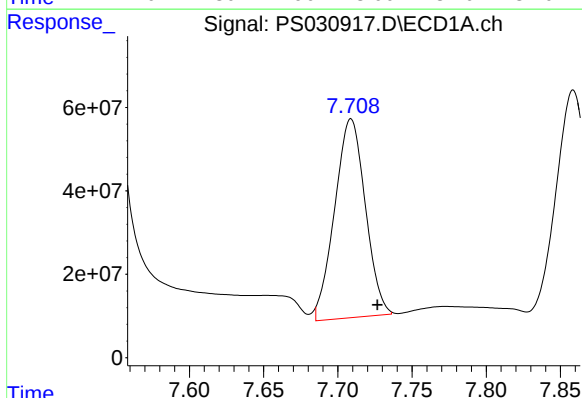
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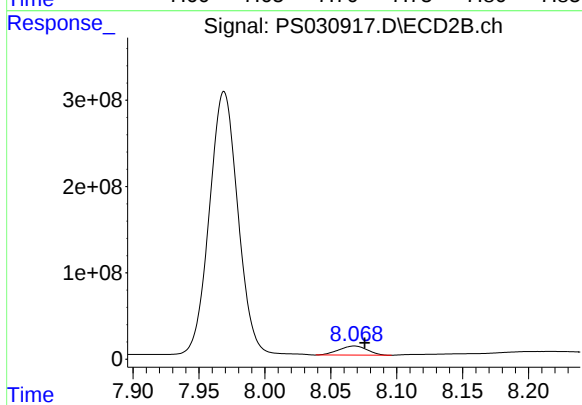
#5 DICAMBA

R.T.: 7.969 min
Delta R.T.: -0.002 min
Response: 4555972041
Conc: 695.23 ng/ml



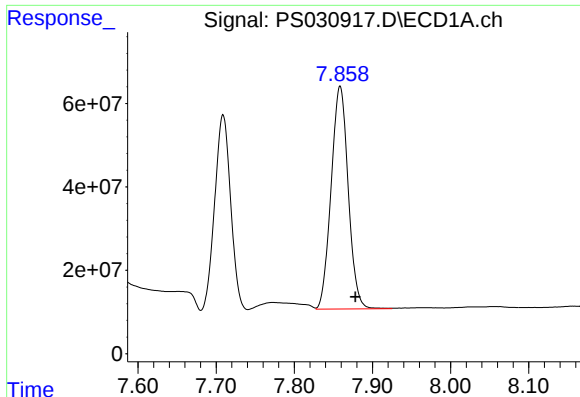
#6 MCP

R.T.: 7.708 min
Delta R.T.: -0.018 min
Response: 684384397
Conc: 72.90 ug/ml m



#6 MCP

R.T.: 8.068 min
Delta R.T.: -0.008 min
Response: 158618359
Conc: 75.63 ug/ml



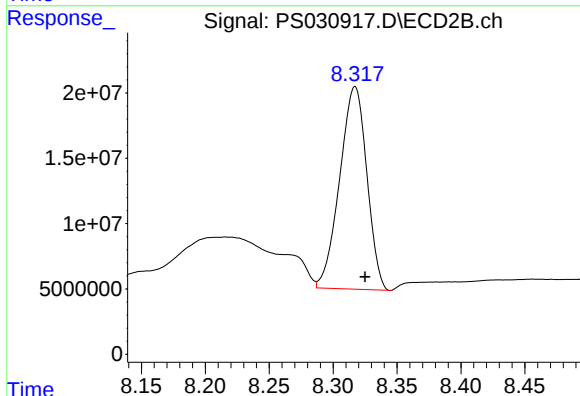
#7 MCPA

R.T.: 7.859 min
Delta R.T.: -0.019 min
Response: 810553584
Conc: 69.10 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

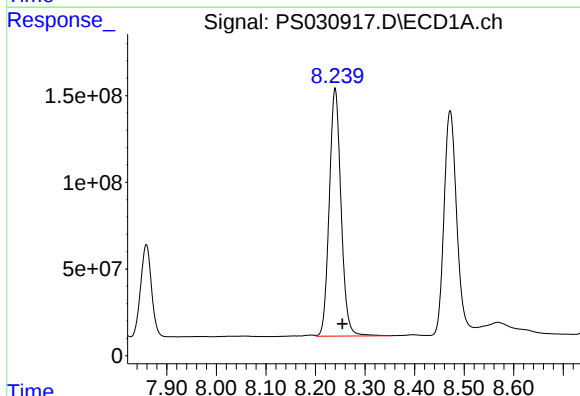
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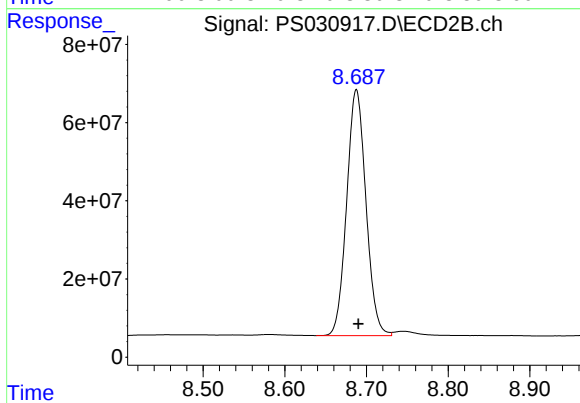
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.008 min
Response: 229156207
Conc: 72.85 ug/ml



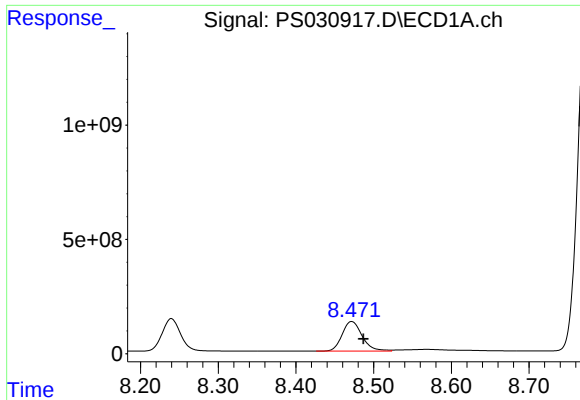
#8 DICHLORPROP

R.T.: 8.240 min
Delta R.T.: -0.015 min
Response: 2359855296
Conc: 630.01 ng/ml



#8 DICHLORPROP

R.T.: 8.688 min
Delta R.T.: -0.002 min
Response: 1032220465
Conc: 656.42 ng/ml



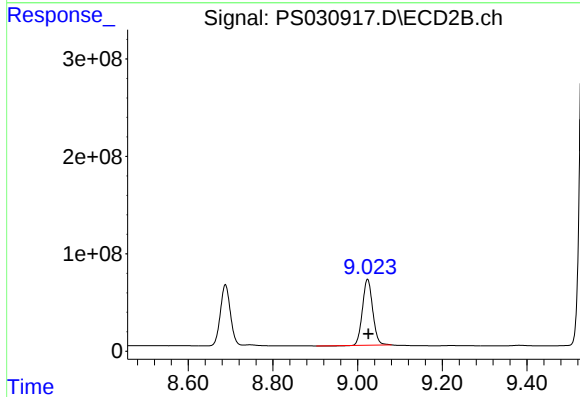
#9 2,4-D

R.T.: 8.472 min
Delta R.T.: -0.015 min
Response: 2321732945
Conc: 674.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

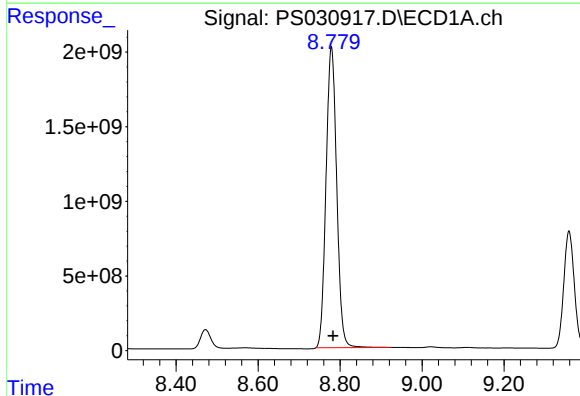
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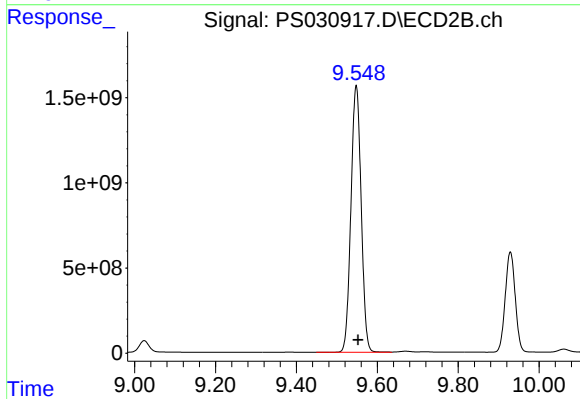
#9 2,4-D

R.T.: 9.024 min
Delta R.T.: -0.002 min
Response: 1135939677
Conc: 668.43 ng/ml



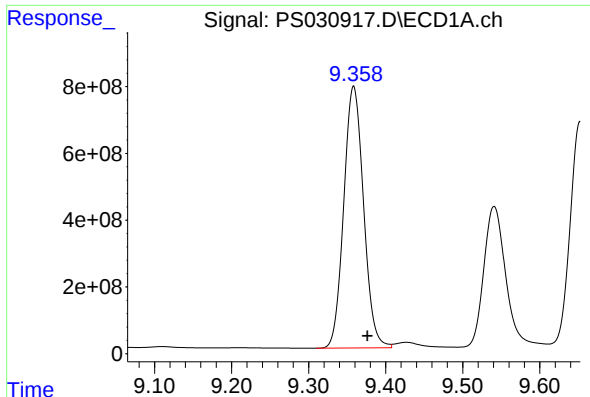
#10 Pentachlorophenol

R.T.: 8.779 min
Delta R.T.: -0.004 min
Response: 36422561608
Conc: 688.19 ng/ml



#10 Pentachlorophenol

R.T.: 9.548 min
Delta R.T.: -0.005 min
Response: 27446840658
Conc: 719.97 ng/ml



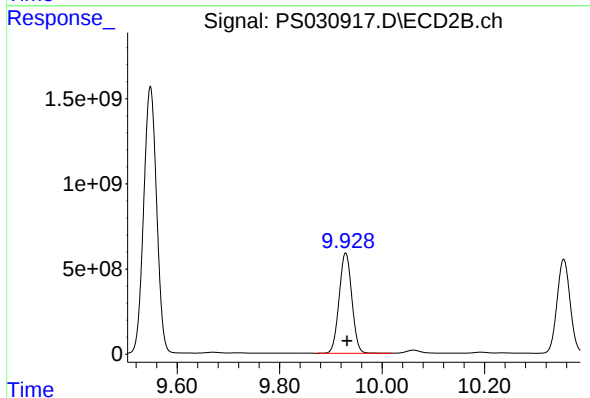
#11 2,4,5-TP (SILVEX)

R.T.: 9.358 min
Delta R.T.: -0.018 min
Response: 13954319514
Conc: 696.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

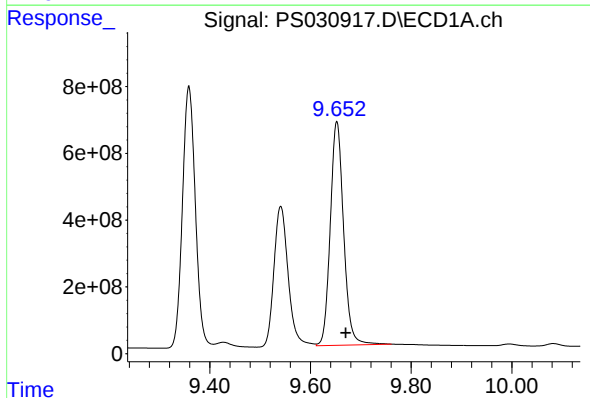
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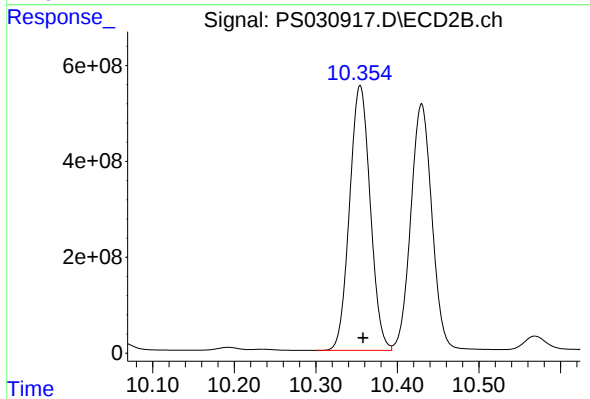
#11 2,4,5-TP (SILVEX)

R.T.: 9.929 min
Delta R.T.: -0.003 min
Response: 10121337023
Conc: 701.47 ng/ml



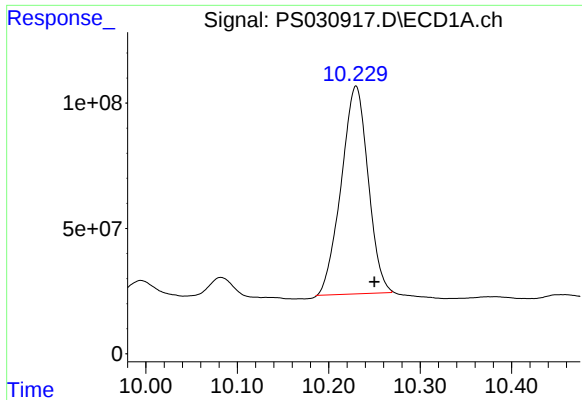
#12 2,4,5-T

R.T.: 9.652 min
Delta R.T.: -0.018 min
Response: 12306947237
Conc: 748.00 ng/ml



#12 2,4,5-T

R.T.: 10.354 min
Delta R.T.: -0.003 min
Response: 9721791970
Conc: 711.46 ng/ml



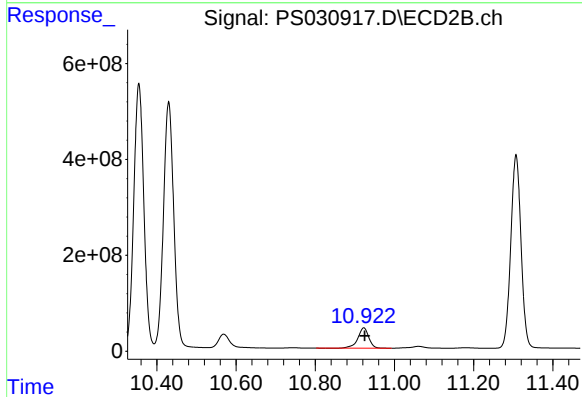
#13 2,4-DB

R.T.: 10.229 min
Delta R.T.: -0.020 min
Response: 1692459591
Conc: 737.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

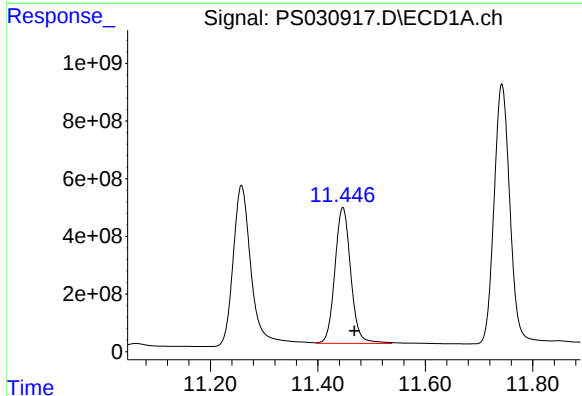
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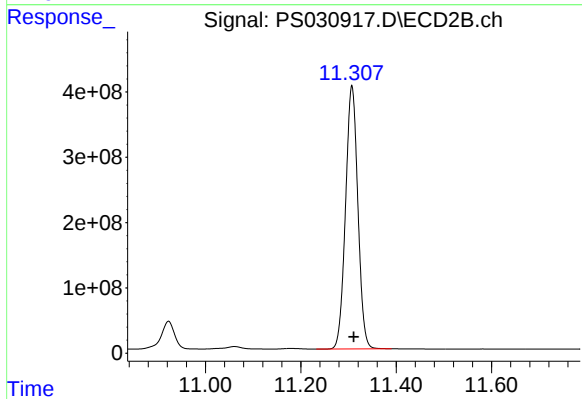
#13 2,4-DB

R.T.: 10.922 min
Delta R.T.: -0.003 min
Response: 815719127
Conc: 689.59 ng/ml



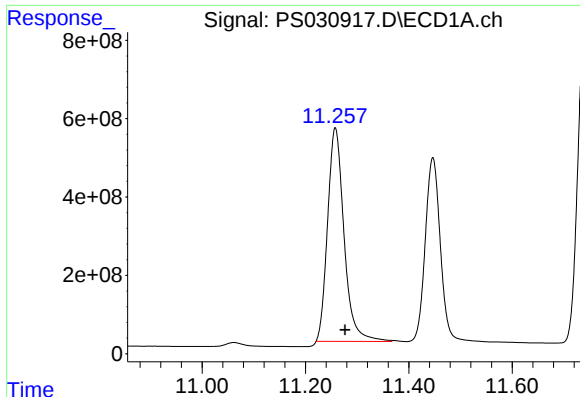
#14 DINOSEB

R.T.: 11.446 min
Delta R.T.: -0.022 min
Response: 9624988836
Conc: 693.78 ng/ml m



#14 DINOSEB

R.T.: 11.307 min
Delta R.T.: -0.004 min
Response: 7230210400
Conc: 670.63 ng/ml



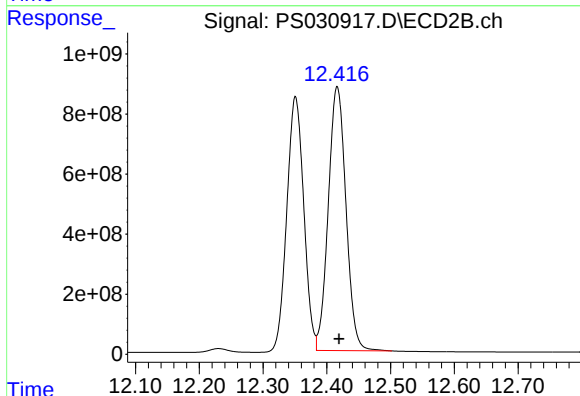
#15 Picloram

R.T.: 11.257 min
Delta R.T.: -0.019 min
Response: 12022782203
Conc: 747.87 ng/ml

Instrument :
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ClientSampleId :
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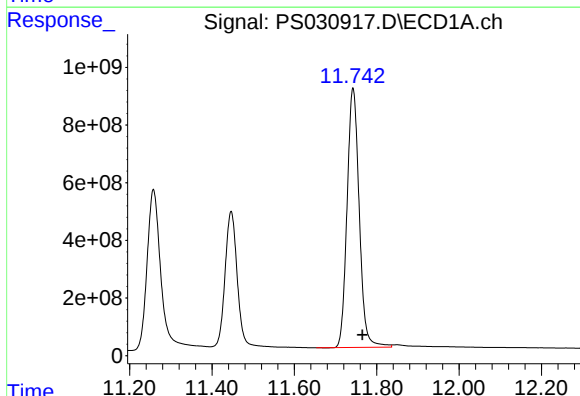
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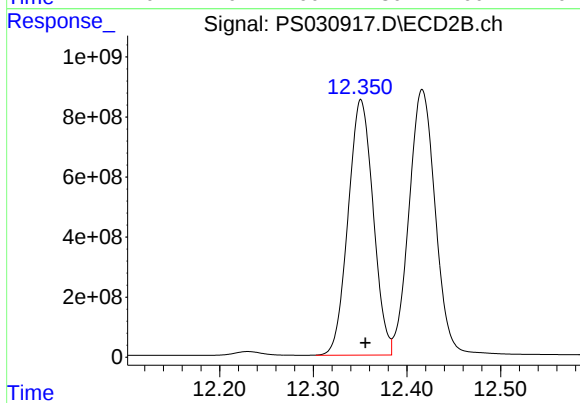
#15 Picloram

R.T.: 12.416 min
Delta R.T.: -0.003 min
Response: 16950648249
Conc: 729.33 ng/ml



#16 DCPA

R.T.: 11.742 min
Delta R.T.: -0.023 min
Response: 18415921482
Conc: 718.92 ng/ml



#16 DCPA

R.T.: 12.350 min
Delta R.T.: -0.005 min
Response: 15852189401
Conc: 719.16 ng/ml m