

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070725\
 Data File : PS030932.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 21:36
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 23 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 01:52:55 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	2561.6E6	744.8E6	697.138m	694.831
Target Compounds							
1) T	Dalapon	2.701	2.711	3741.8E6	1735.2E6	627.220	632.868
2) T	3,5-DICHL...	6.498	6.713	3542.9E6	1033.9E6	658.837	640.924
3) T	4-Nitroph...	7.137	7.299	1052.0E6	1104.7E6	667.173	637.243
5) T	DICAMBA	7.526	7.969	10420.6E6	4399.5E6	684.888m	671.351
6) T	MCPD	7.707	8.067	685.4E6	150.8E6	73.010m	71.923
7) T	MCPA	7.858	8.316	805.0E6	219.1E6	68.628	69.665
8) T	DICHLORPROP	8.239	8.688	2404.5E6	1001.1E6	641.938	636.654
9) T	2,4-D	8.471	9.024	2352.6E6	1086.3E6	683.024	639.245
10) T	Pentachlo...	8.778	9.548	37244.9E6	26532.9E6	703.724	695.999
11) T	2,4,5-TP ...	9.358	9.928	14217.7E6	9823.8E6	709.804	680.852
12) T	2,4,5-T	9.652	10.355	12548.0E6	9412.5E6	762.650	688.820
13) T	2,4-DB	10.229	10.922	1828.1E6	796.2E6	797.065m	673.077
14) T	DINOSEB	11.444	11.307	9618.4E6	7027.7E6	693.306m	651.847
15) T	Picloram	11.256	12.416	12700.0E6	16366.4E6	789.993m	704.193
16) T	DCPA	11.742	12.351	18834.7E6	15475.7E6	735.263	702.074m

(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 : 23 Sample Multiplier: 1

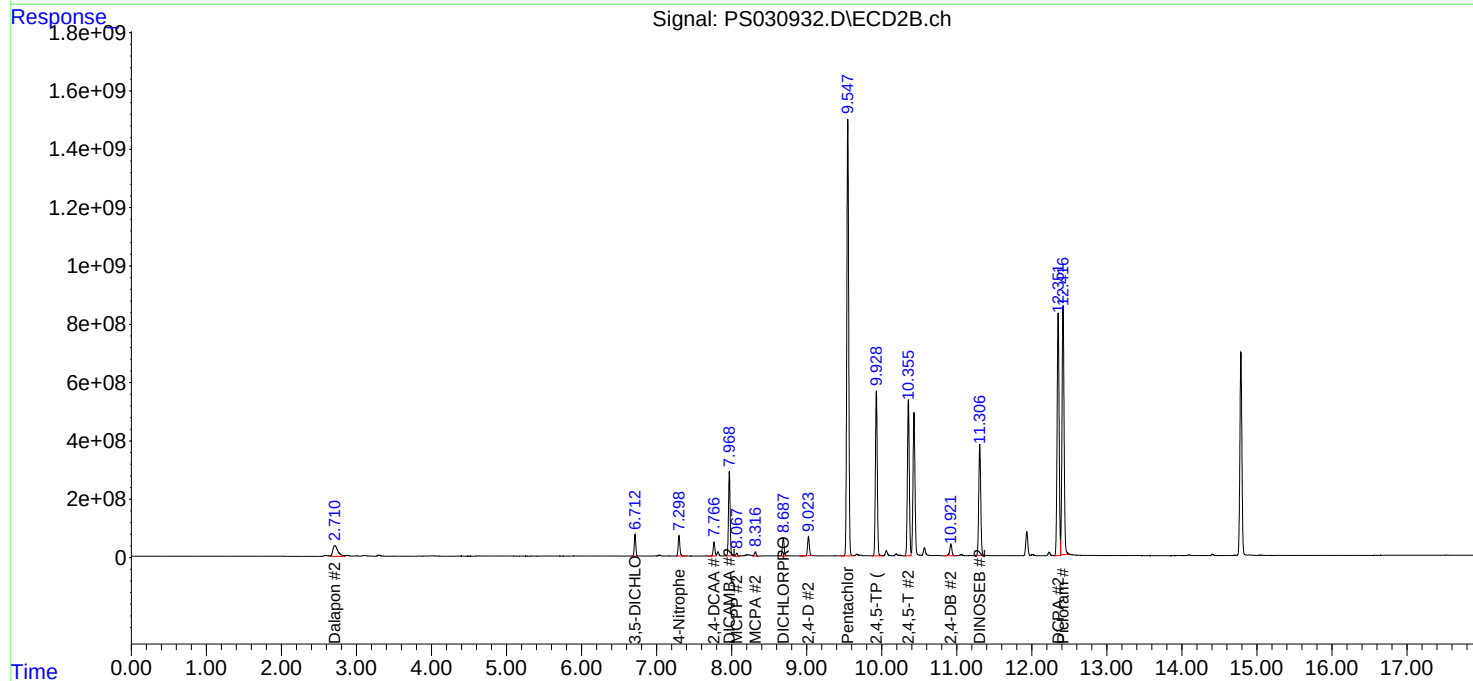
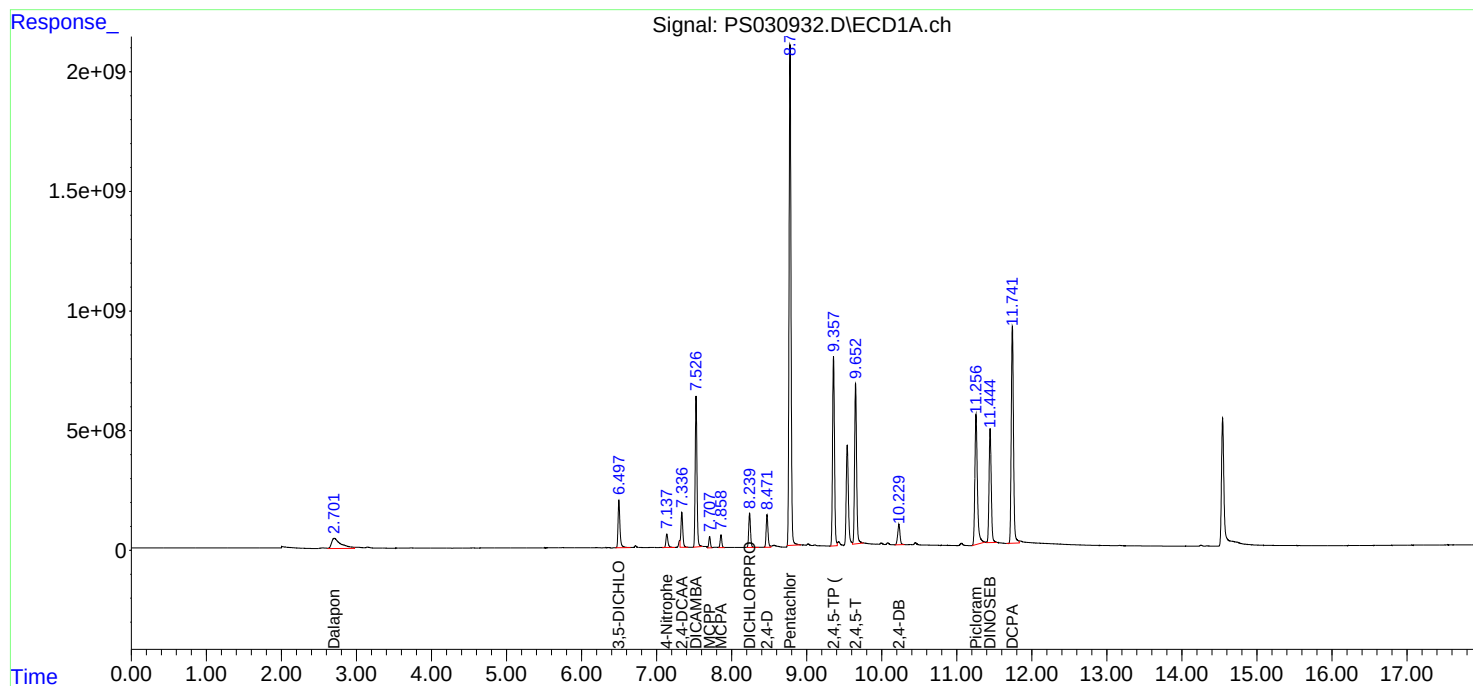
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

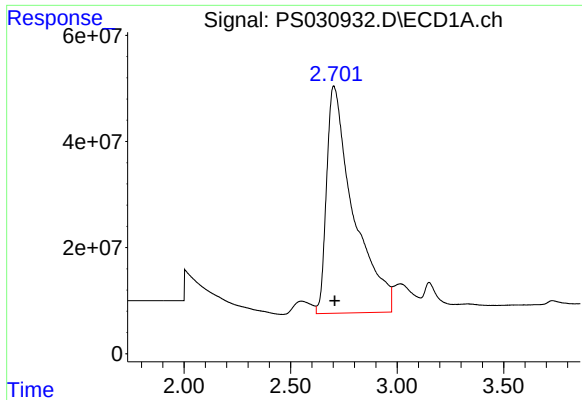
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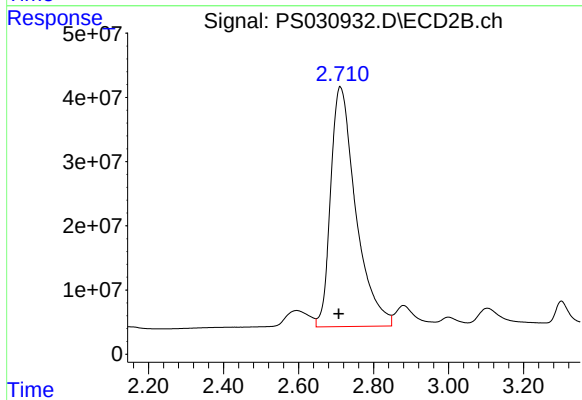
#1 Dalapon

R.T.: 2.701 min
Delta R.T.: -0.007 min
Response: 3741760912
Conc: 627.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

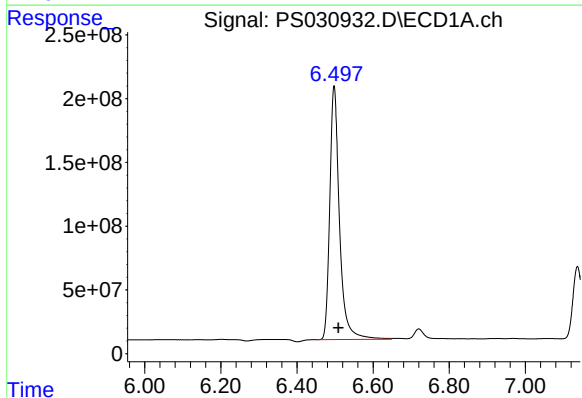
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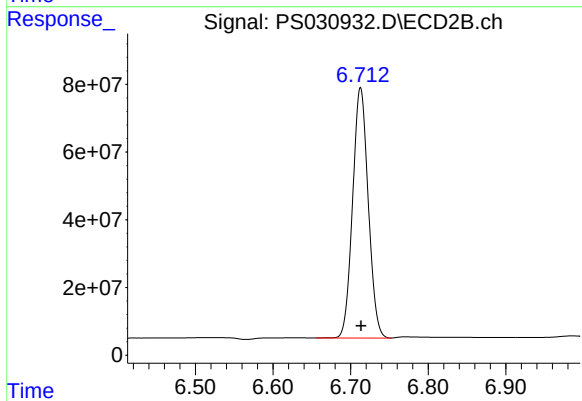
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.003 min
Response: 1735161022
Conc: 632.87 ng/ml



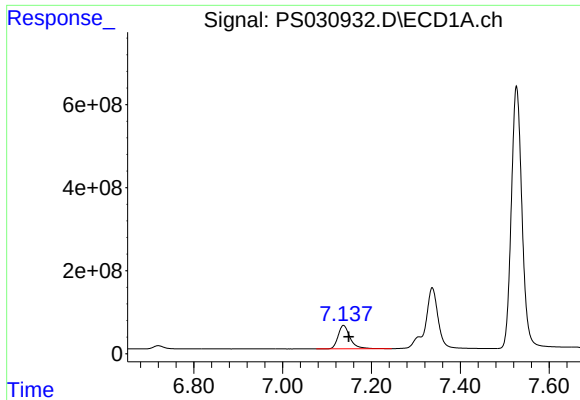
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.498 min
Delta R.T.: -0.011 min
Response: 3542931517
Conc: 658.84 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 1033907096
Conc: 640.92 ng/ml



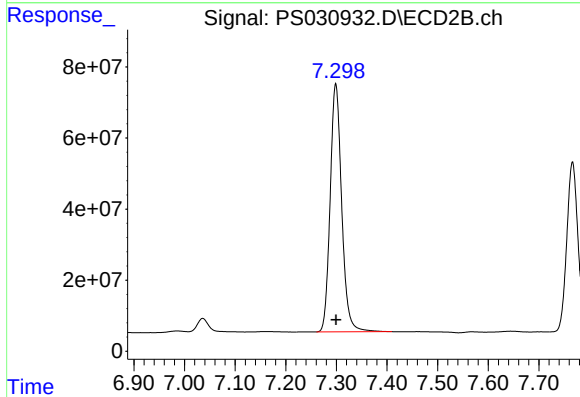
#3 4-Nitrophenol

R.T.: 7.137 min
Delta R.T.: -0.012 min
Response: 1051977912
Conc: 667.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

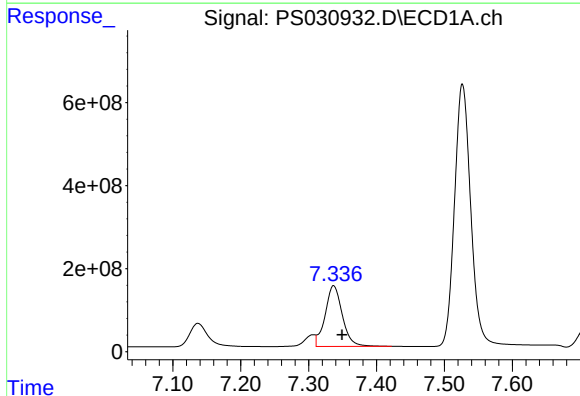
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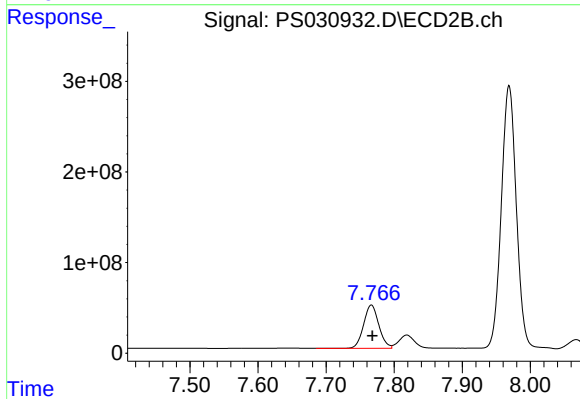
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 1104683322
Conc: 637.24 ng/ml



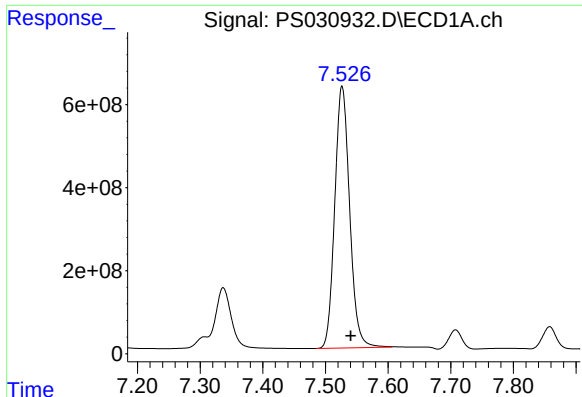
#4 2,4-DCAA

R.T.: 7.336 min
Delta R.T.: -0.013 min
Response: 2561558486
Conc: 697.14 ng/ml m



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.001 min
Response: 744833877
Conc: 694.83 ng/ml



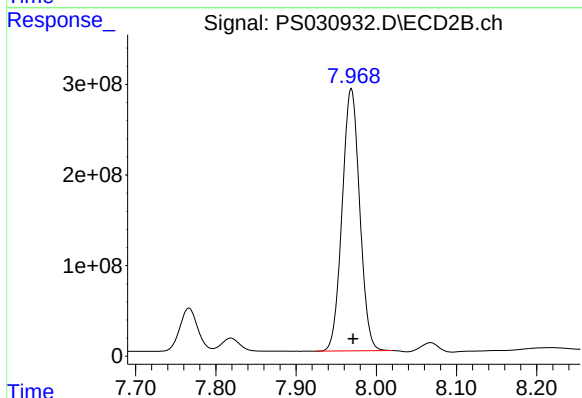
#5 DICAMBA

R.T.: 7.526 min
Delta R.T.: -0.014 min
Response: 10420629557
Conc: 684.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

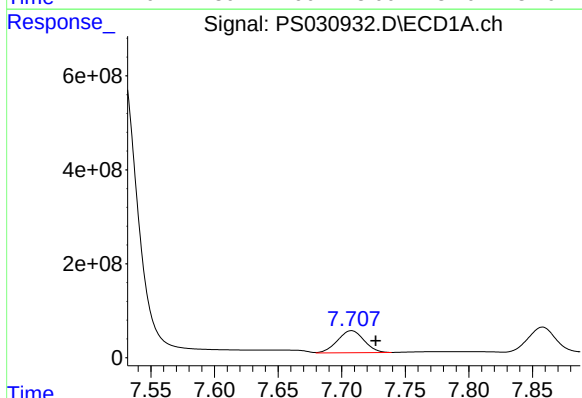
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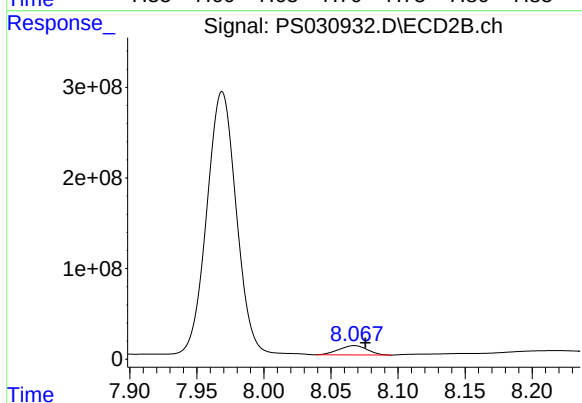
#5 DICAMBA

R.T.: 7.969 min
Delta R.T.: -0.002 min
Response: 4399508849
Conc: 671.35 ng/ml



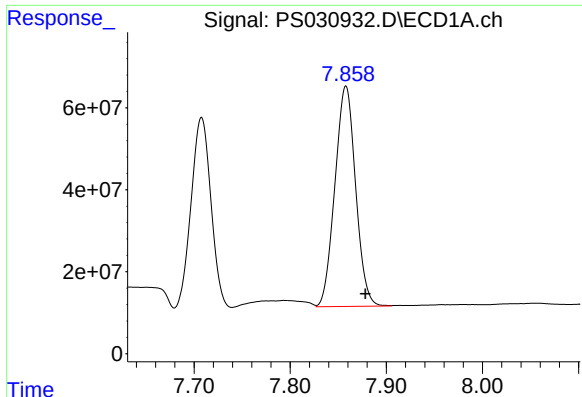
#6 MCP

R.T.: 7.707 min
Delta R.T.: -0.019 min
Response: 685443801
Conc: 73.01 ug/ml m



#6 MCP

R.T.: 8.067 min
Delta R.T.: -0.008 min
Response: 150845798
Conc: 71.92 ug/ml



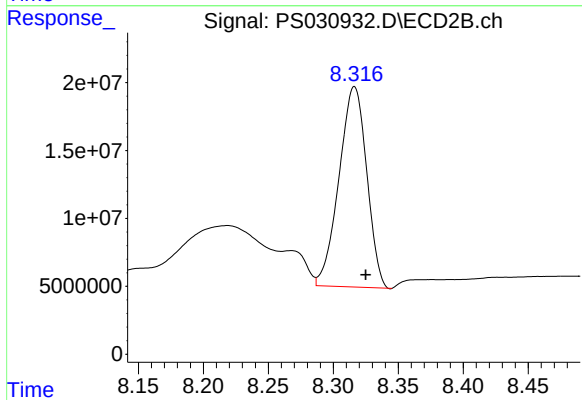
#7 MCPA

R.T.: 7.858 min
Delta R.T.: -0.020 min
Response: 805048149
Conc: 68.63 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

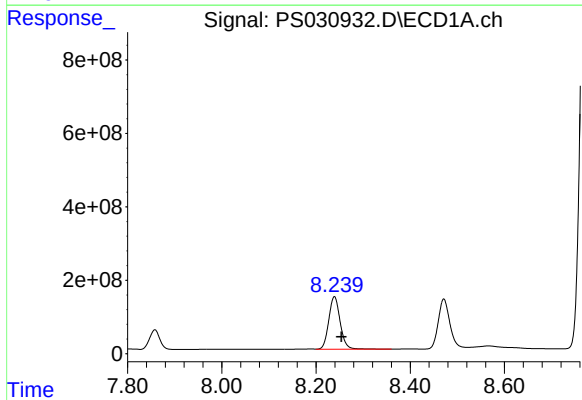
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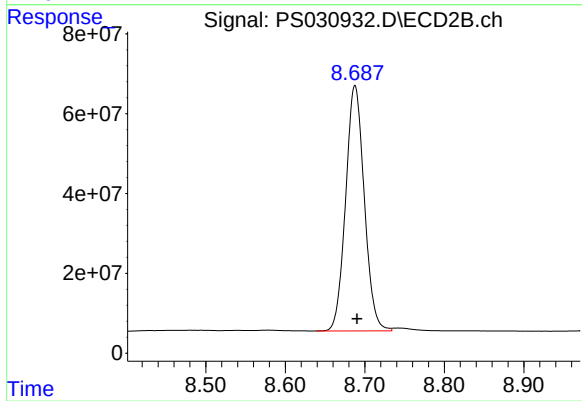
#7 MCPA

R.T.: 8.316 min
Delta R.T.: -0.009 min
Response: 219149755
Conc: 69.67 ug/ml



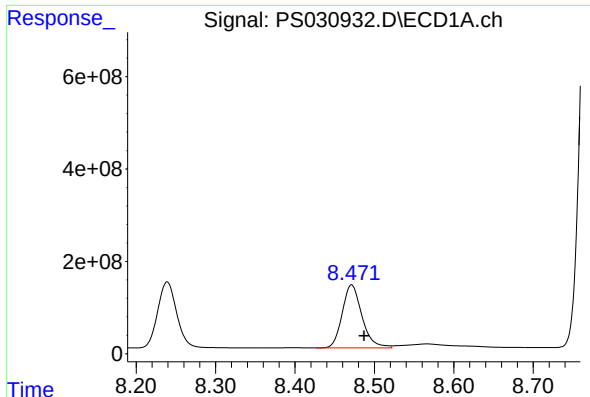
#8 DICHLORPROP

R.T.: 8.239 min
Delta R.T.: -0.015 min
Response: 2404547238
Conc: 641.94 ng/ml



#8 DICHLORPROP

R.T.: 8.688 min
Delta R.T.: -0.002 min
Response: 1001135288
Conc: 636.65 ng/ml



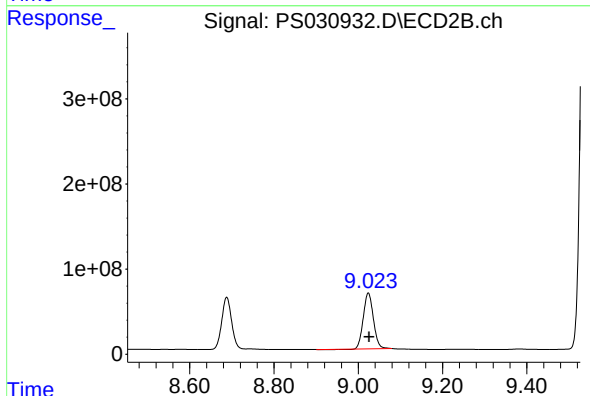
#9 2,4-D

R.T.: 8.471 min
Delta R.T.: -0.016 min
Response: 2352617721
Conc: 683.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

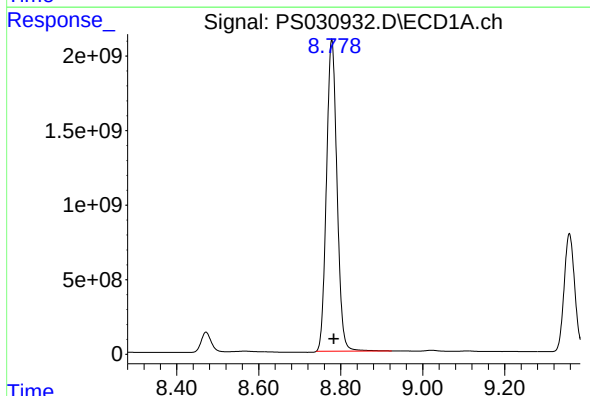
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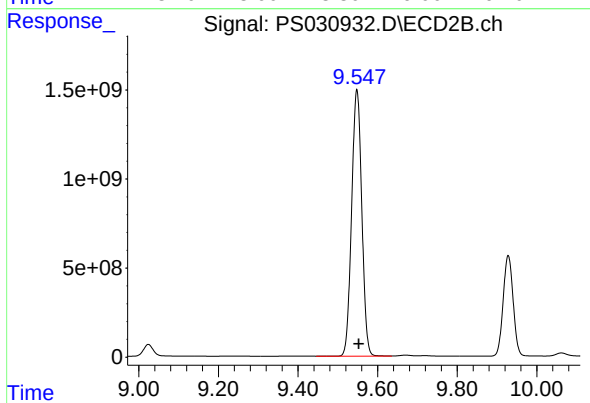
#9 2,4-D

R.T.: 9.024 min
Delta R.T.: -0.002 min
Response: 1086336960
Conc: 639.25 ng/ml



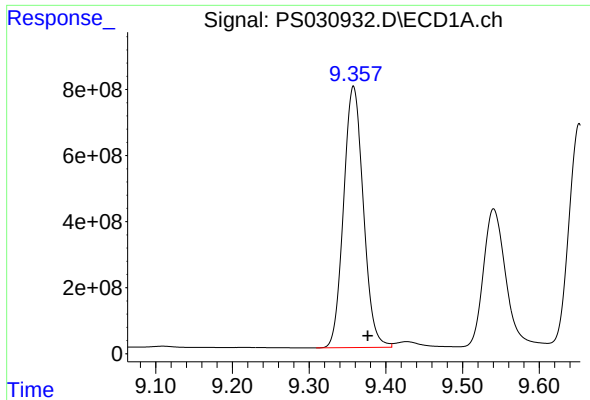
#10 Pentachlorophenol

R.T.: 8.778 min
Delta R.T.: -0.005 min
Response: 37244919123
Conc: 703.72 ng/ml



#10 Pentachlorophenol

R.T.: 9.548 min
Delta R.T.: -0.005 min
Response: 26532928485
Conc: 696.00 ng/ml



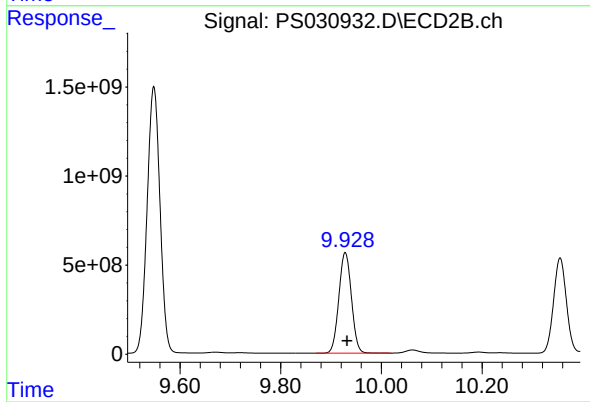
#11 2,4,5-TP (SILVEX)

R.T.: 9.358 min
Delta R.T.: -0.019 min
Response: 14217670478
Conc: 709.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

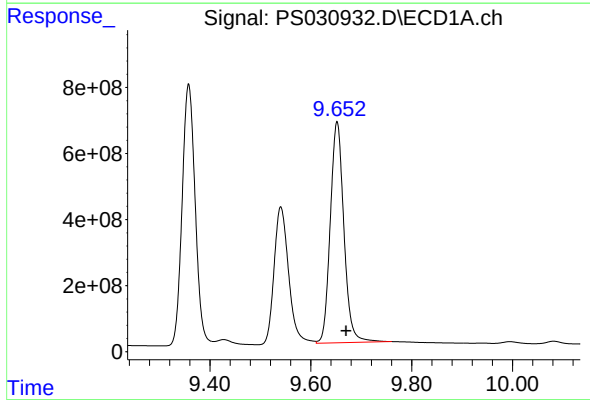
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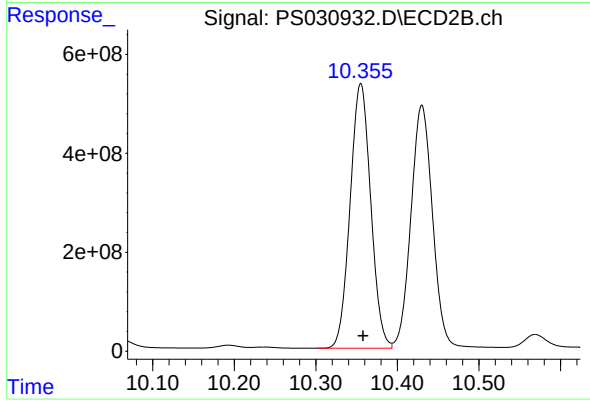
#11 2,4,5-TP (SILVEX)

R.T.: 9.928 min
Delta R.T.: -0.004 min
Response: 9823807979
Conc: 680.85 ng/ml



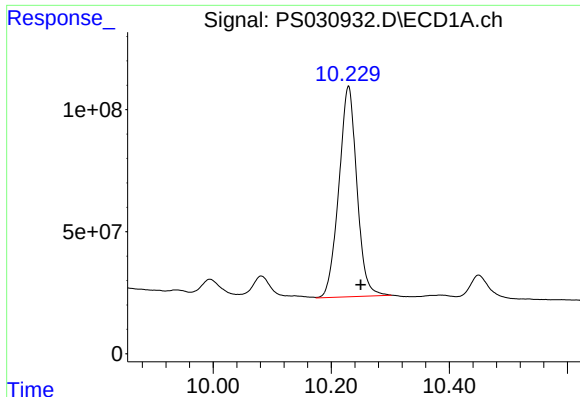
#12 2,4,5-T

R.T.: 9.652 min
Delta R.T.: -0.018 min
Response: 12547989360
Conc: 762.65 ng/ml



#12 2,4,5-T

R.T.: 10.355 min
Delta R.T.: -0.003 min
Response: 9412467812
Conc: 688.82 ng/ml



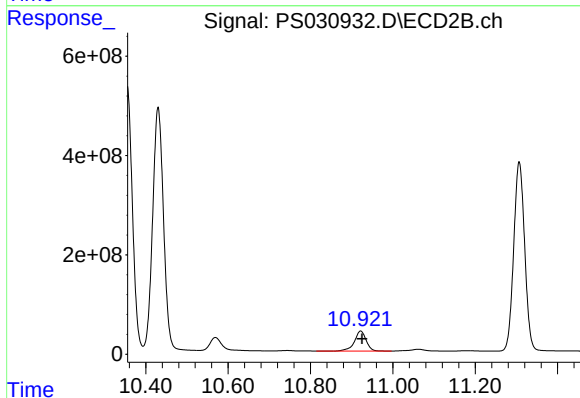
#13 2,4-DB

R.T.: 10.229 min
Delta R.T.: -0.021 min
Response: 1828071678
Conc: 797.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

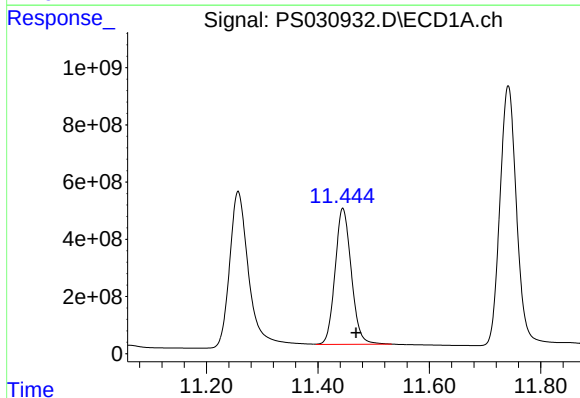
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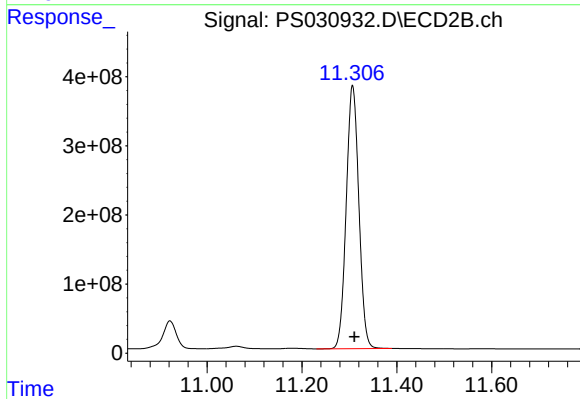
#13 2,4-DB

R.T.: 10.922 min
Delta R.T.: -0.003 min
Response: 796185565
Conc: 673.08 ng/ml



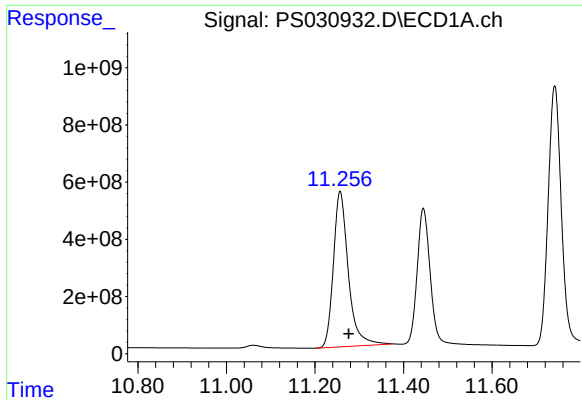
#14 DINOSEB

R.T.: 11.444 min
Delta R.T.: -0.024 min
Response: 9618357260
Conc: 693.31 ng/ml m



#14 DINOSEB

R.T.: 11.307 min
Delta R.T.: -0.004 min
Response: 7027727578
Conc: 651.85 ng/ml



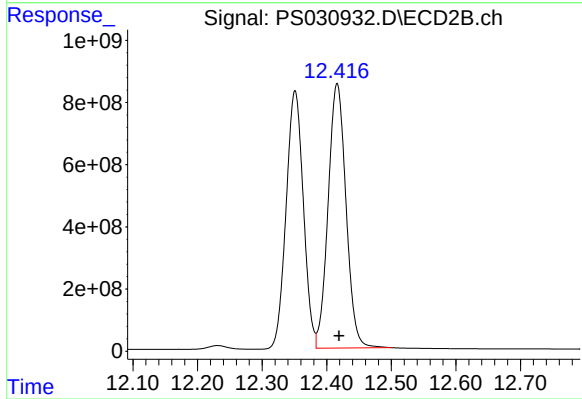
#15 Picloram

R.T.: 11.256 min
Delta R.T.: -0.020 min
Response: 12700006598
Conc: 789.99 ng/ml

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HSTDCCC750

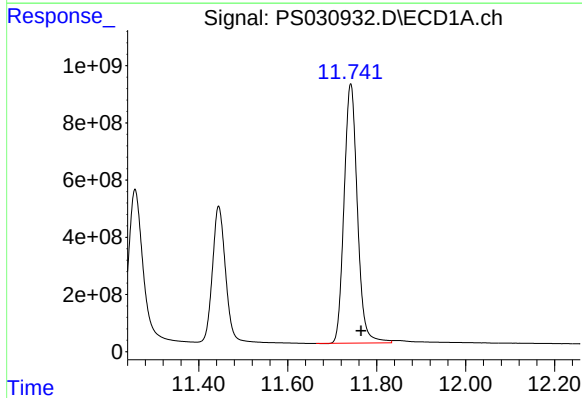
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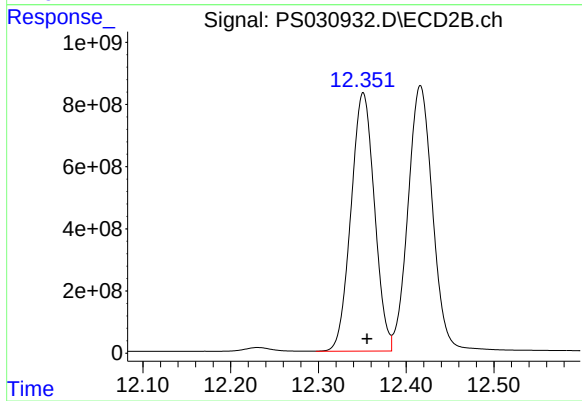
#15 Picloram

R.T.: 12.416 min
Delta R.T.: -0.003 min
Response: 16366442560
Conc: 704.19 ng/ml



#16 DCPA

R.T.: 11.742 min
Delta R.T.: -0.023 min
Response: 18834675586
Conc: 735.26 ng/ml



#16 DCPA

R.T.: 12.351 min
Delta R.T.: -0.005 min
Response: 15475674613
Conc: 702.07 ng/ml m