

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030497.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 20:03
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/05/2025
 Supervised By : mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 23:03:03 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 x 0.5 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	7.365	7.772	2739.2E6	777.1E6	725.598m	722.517
Target Compounds							
1) T	Dalapon	2.714	2.712	3844.2E6	1798.0E6	680.747	656.194
2) T	3,5-DICHL...	6.521	6.716	3767.2E6	1073.3E6	694.238	686.122
3) T	4-Nitroph...	7.164	7.302	1267.2E6	1081.2E6	691.049	689.903
5) T	DICAMBA	7.557	7.976	10964.0E6	4517.9E6	710.907	701.355
6) T	MCP	7.739	8.075	683.2E6	163.9E6	68.972	70.916
7) T	MCPA	7.890	8.325	882.2E6	207.9E6	69.525	67.359
8) T	DICHLORPROP	8.273	8.696	2518.4E6	1026.0E6	692.226	691.255
9) T	2,4-D	8.506	9.032	2570.1E6	1093.9E6	705.366	695.702
10) T	Pentachlo...	8.816	9.559	39108.7E6	26234.4E6	770.066	725.951
11) T	2,4,5-TP ...	9.398	9.939	14967.4E6	9730.7E6	724.285	709.405
12) T	2,4,5-T	9.692	10.365	13453.7E6	9280.6E6	729.948	710.766
13) T	2,4-DB	10.273	10.933	2218.9E6	797.2E6	730.776	693.455
14) T	DINOSEB	11.495	11.319	10312.3E6	7063.6E6	717.382	702.841
15) T	Picloram	11.301	12.426	13827.2E6	15684.4E6	691.193	710.219
16) T	DCPA	11.791	12.364	19416.8E6	14626.9E6	734.370	714.800

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

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Acq On : 04 Jun 2025 20:03
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

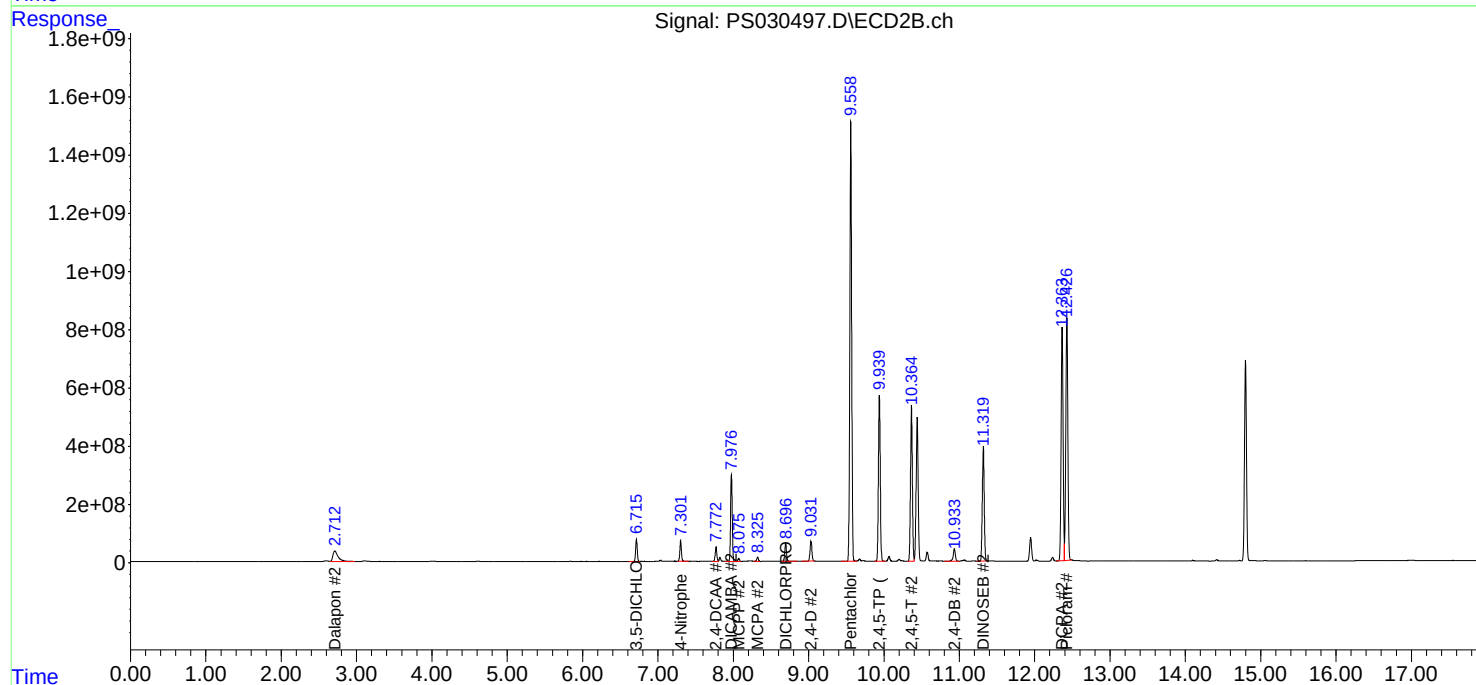
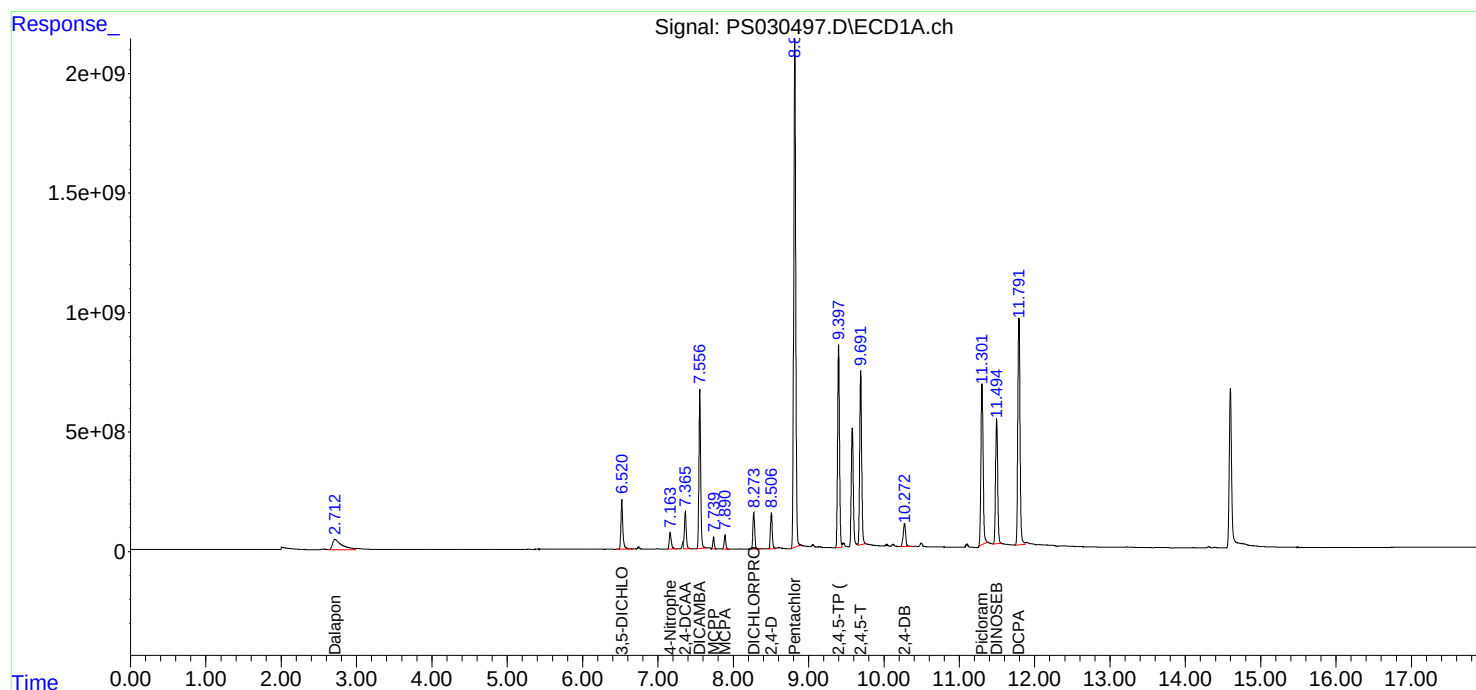
Instrument :
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ClientSampleId :
HSTDCCC750

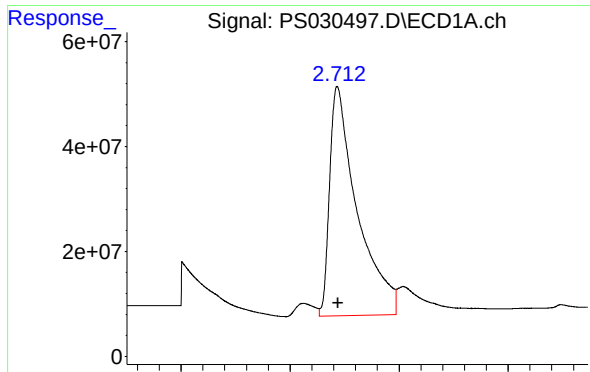
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Supervised By :mohammad ahmed 06/06/2025

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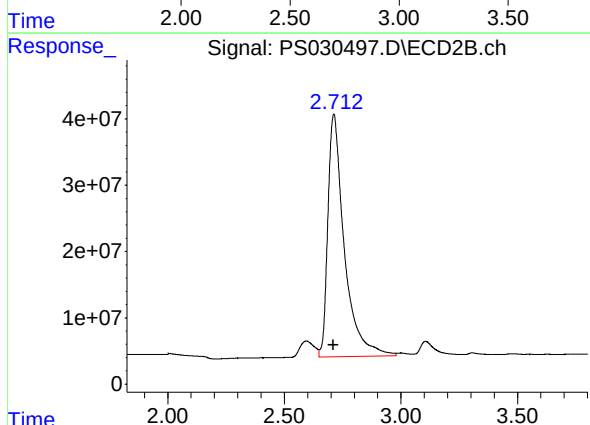
#1 Dalapon

R.T.: 2.714 min
Delta R.T.: -0.006 min
Response: 3844160452
Conc: 680.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

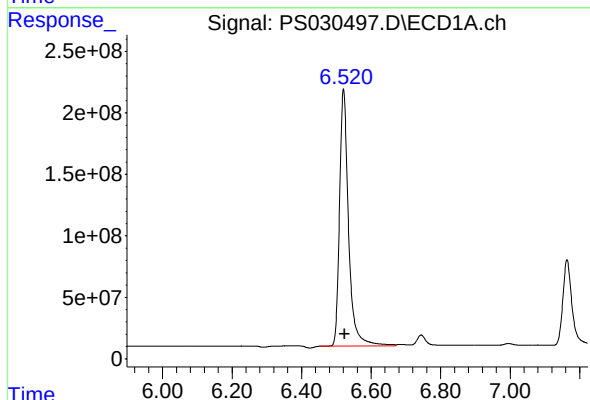
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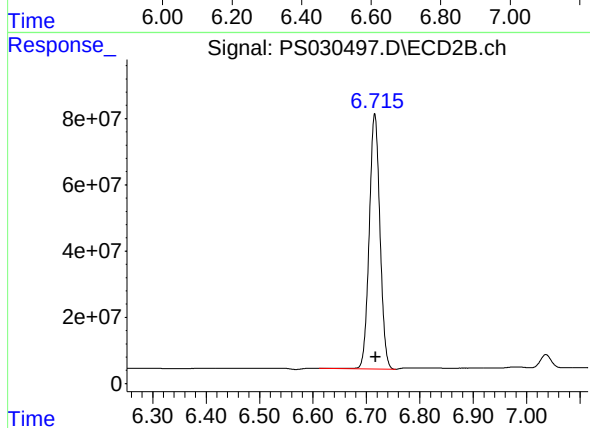
#1 Dalapon

R.T.: 2.712 min
Delta R.T.: 0.002 min
Response: 1797982576
Conc: 656.19 ng/ml



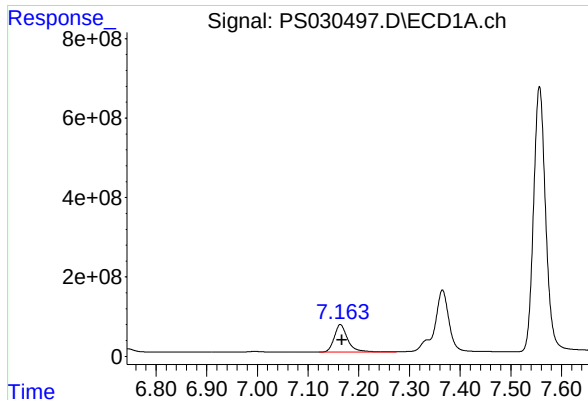
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.521 min
Delta R.T.: -0.003 min
Response: 3767175738
Conc: 694.24 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.716 min
Delta R.T.: -0.002 min
Response: 1073265077
Conc: 686.12 ng/ml



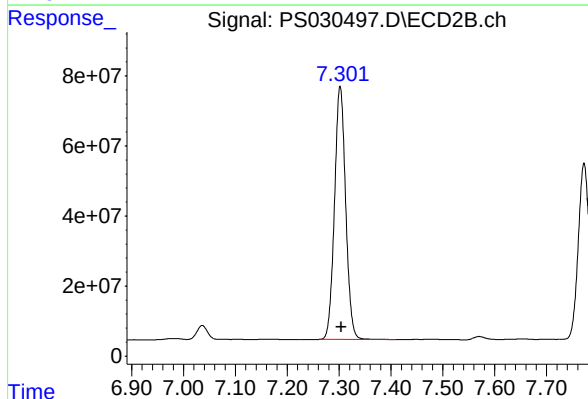
#3 4-Nitrophenol

R.T.: 7.164 min
Delta R.T.: -0.003 min
Response: 1267215546
Conc: 691.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

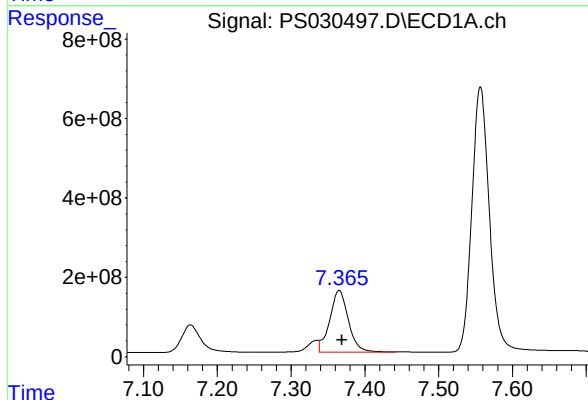
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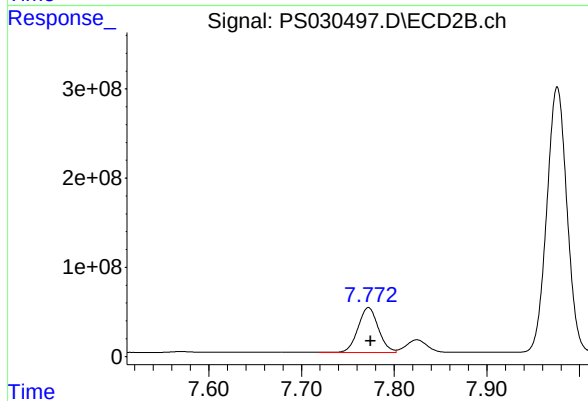
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: -0.002 min
Response: 1081244962
Conc: 689.90 ng/ml



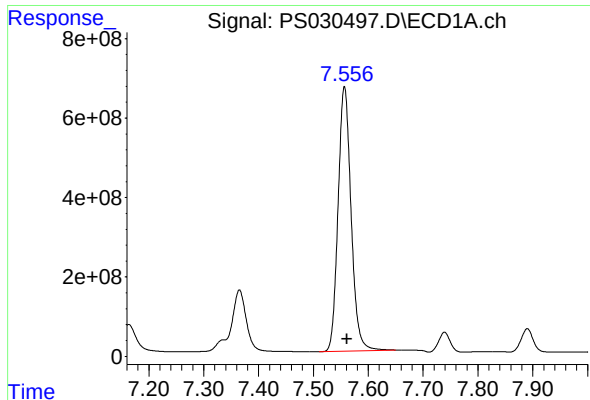
#4 2,4-DCAA

R.T.: 7.365 min
Delta R.T.: -0.004 min
Response: 2739238277
Conc: 725.60 ng/ml m



#4 2,4-DCAA

R.T.: 7.772 min
Delta R.T.: -0.002 min
Response: 777146508
Conc: 722.52 ng/ml



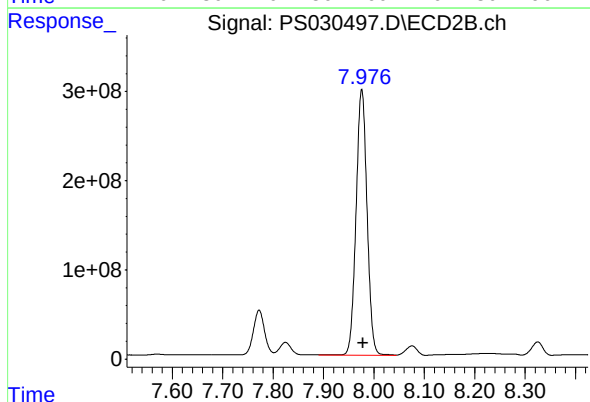
#5 DICAMBA

R.T.: 7.557 min
Delta R.T.: -0.005 min
Response: 10963986544
Conc: 710.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

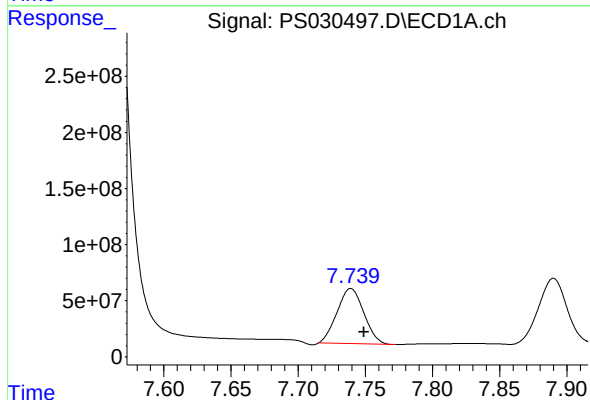
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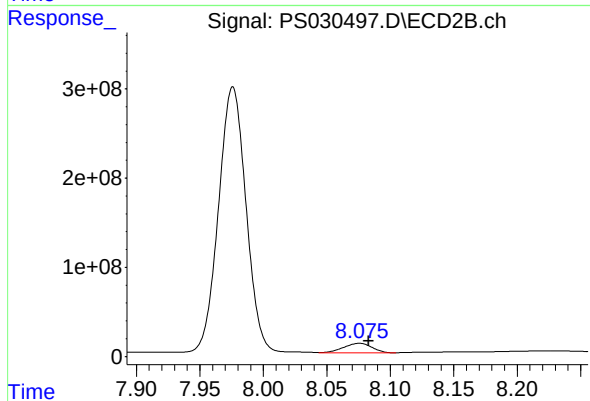
#5 DICAMBA

R.T.: 7.976 min
Delta R.T.: -0.003 min
Response: 4517880675
Conc: 701.35 ng/ml



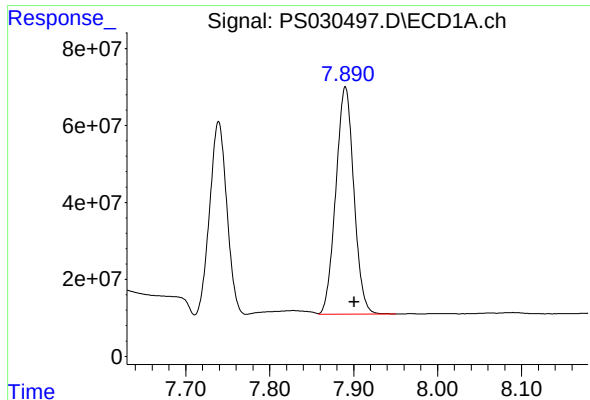
#6 MCP

R.T.: 7.739 min
Delta R.T.: -0.010 min
Response: 683160376
Conc: 68.97 ug/ml



#6 MCP

R.T.: 8.075 min
Delta R.T.: -0.007 min
Response: 163927805
Conc: 70.92 ug/ml



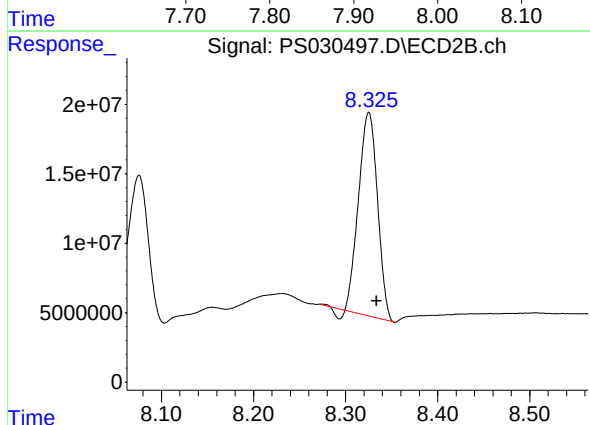
#7 MCPA

R.T.: 7.890 min
Delta R.T.: -0.010 min
Response: 882224896
Conc: 69.52 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

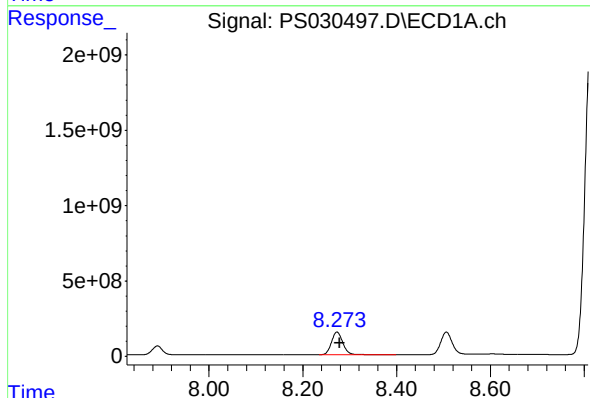
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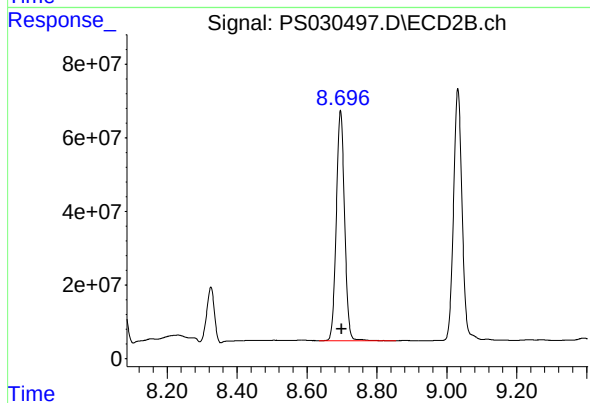
#7 MCPA

R.T.: 8.325 min
Delta R.T.: -0.009 min
Response: 207863331
Conc: 67.36 ug/ml



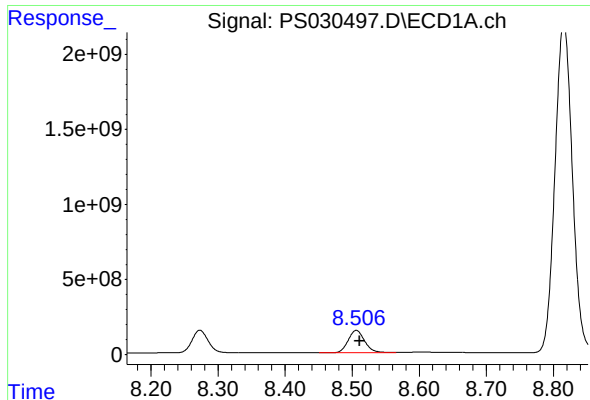
#8 DICHLORPROP

R.T.: 8.273 min
Delta R.T.: -0.005 min
Response: 2518417429
Conc: 692.23 ng/ml



#8 DICHLORPROP

R.T.: 8.696 min
Delta R.T.: -0.003 min
Response: 1025962888
Conc: 691.25 ng/ml



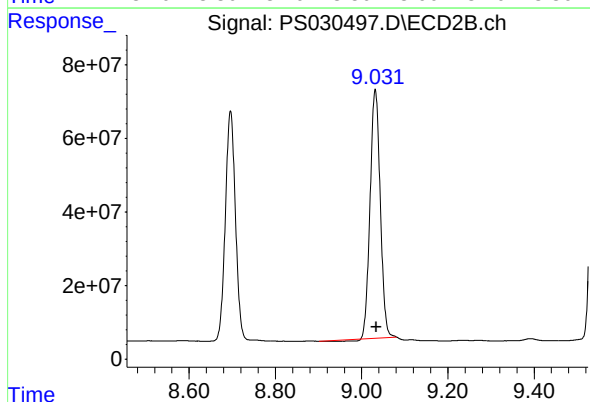
#9 2,4-D

R.T.: 8.506 min
Delta R.T.: -0.005 min
Response: 2570080938
Conc: 705.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

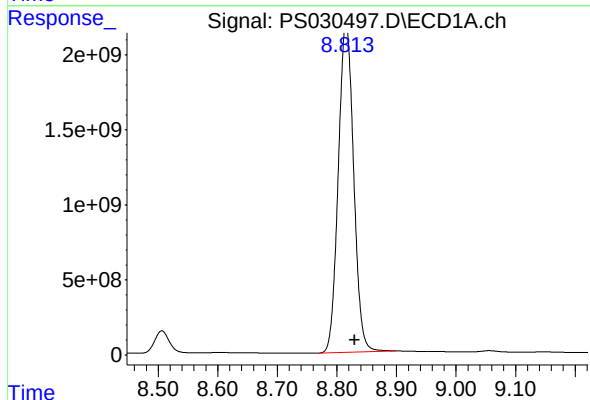
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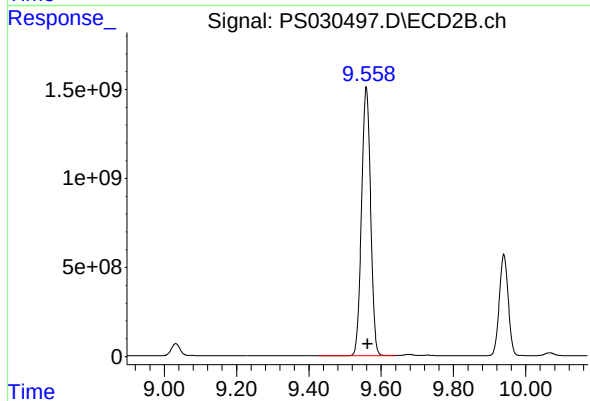
#9 2,4-D

R.T.: 9.032 min
Delta R.T.: -0.003 min
Response: 1093867535
Conc: 695.70 ng/ml



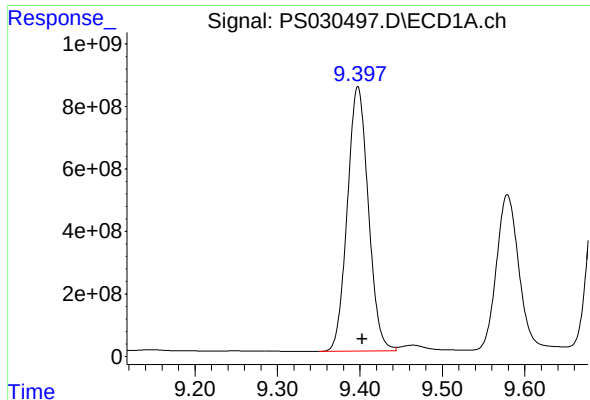
#10 Pentachlorophenol

R.T.: 8.816 min
Delta R.T.: -0.014 min
Response: 39108695136
Conc: 770.07 ng/ml



#10 Pentachlorophenol

R.T.: 9.559 min
Delta R.T.: -0.004 min
Response: 26234442120
Conc: 725.95 ng/ml



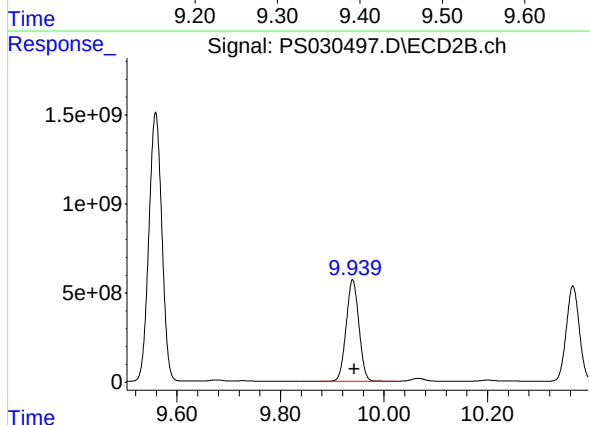
#11 2,4,5-TP (SILVEX)

R.T.: 9.398 min
Delta R.T.: -0.005 min
Response: 14967403178
Conc: 724.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

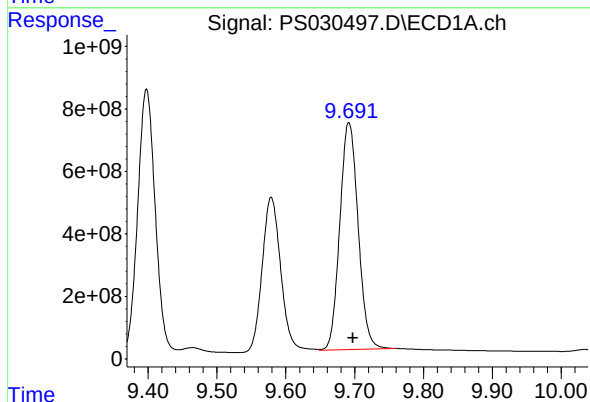
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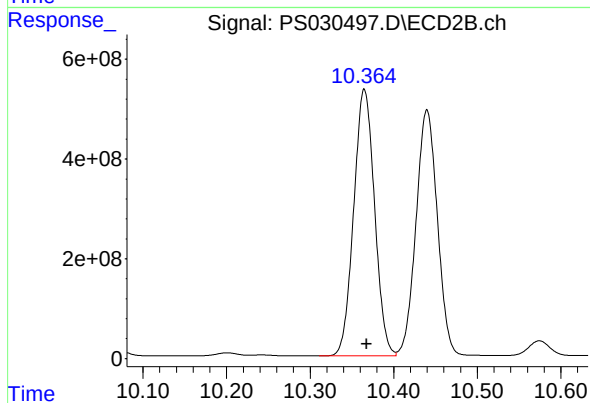
#11 2,4,5-TP (SILVEX)

R.T.: 9.939 min
Delta R.T.: -0.003 min
Response: 9730723915
Conc: 709.40 ng/ml



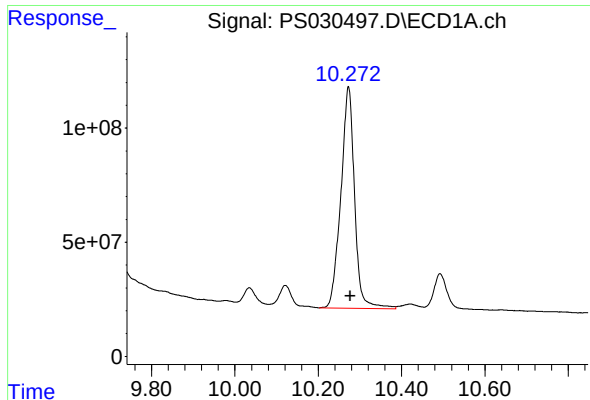
#12 2,4,5-T

R.T.: 9.692 min
Delta R.T.: -0.006 min
Response: 13453707976
Conc: 729.95 ng/ml



#12 2,4,5-T

R.T.: 10.365 min
Delta R.T.: -0.003 min
Response: 9280560064
Conc: 710.77 ng/ml



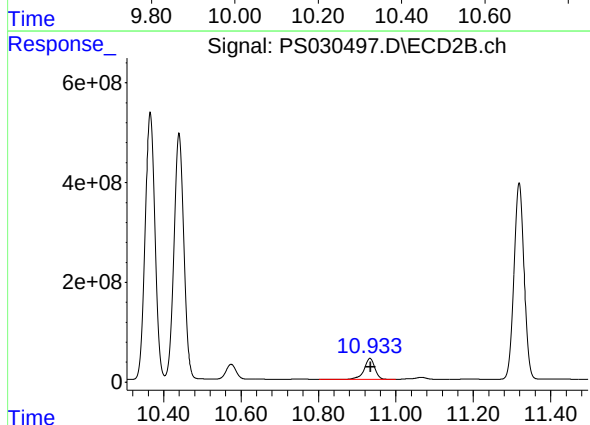
#13 2,4-DB

R.T.: 10.273 min
Delta R.T.: -0.005 min
Response: 2218900918
Conc: 730.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

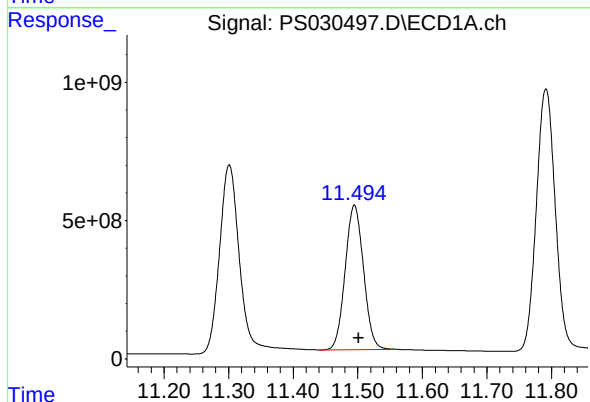
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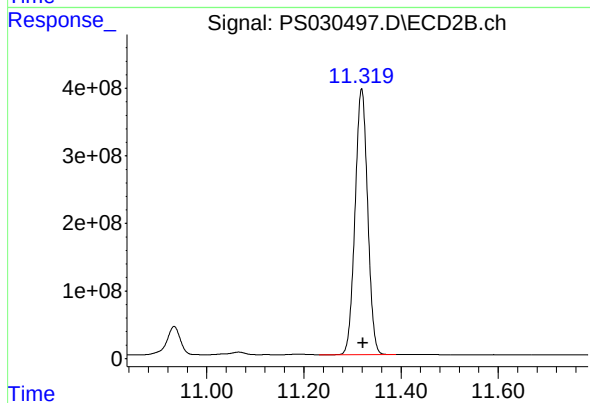
#13 2,4-DB

R.T.: 10.933 min
Delta R.T.: -0.002 min
Response: 797162647
Conc: 693.45 ng/ml



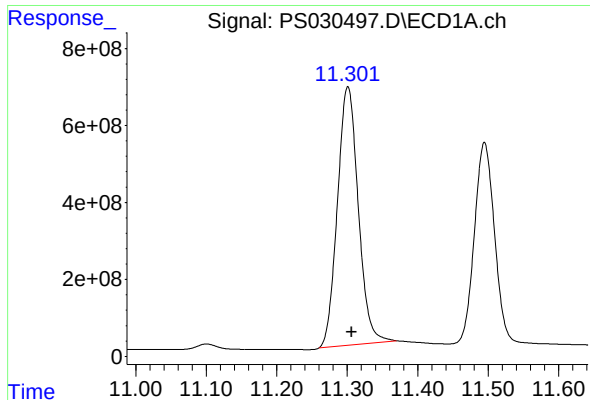
#14 DINOSEB

R.T.: 11.495 min
Delta R.T.: -0.007 min
Response: 10312318119
Conc: 717.38 ng/ml



#14 DINOSEB

R.T.: 11.319 min
Delta R.T.: -0.003 min
Response: 7063636100
Conc: 702.84 ng/ml



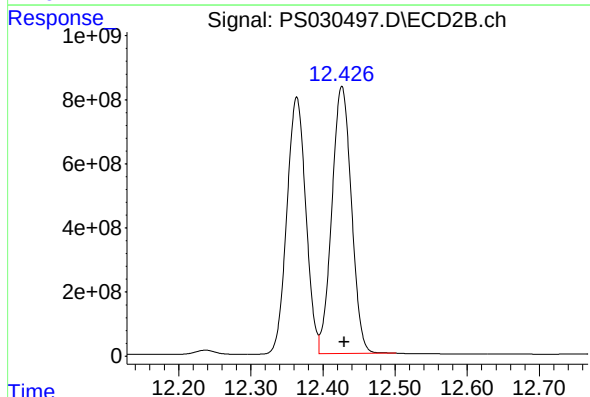
#15 Picloram

R.T.: 11.301 min
Delta R.T.: -0.005 min
Response: 13827176007
Conc: 691.19 ng/ml

Instrument :
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ClientSampleId :
HSTDCCC750

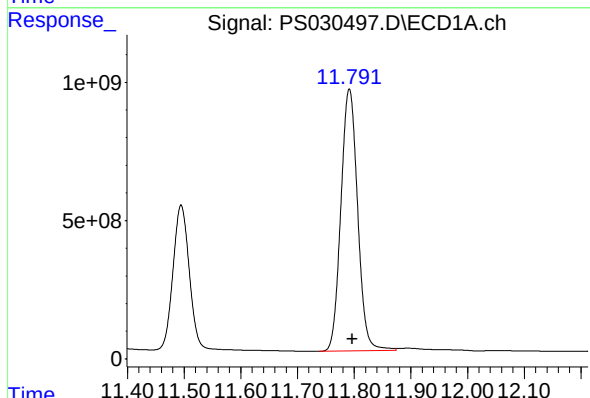
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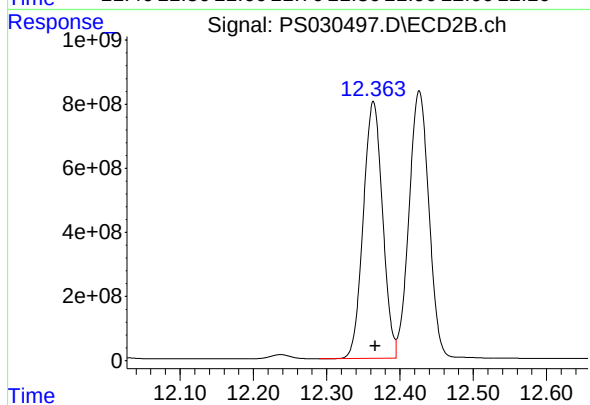
#15 Picloram

R.T.: 12.426 min
Delta R.T.: -0.003 min
Response: 15684383673
Conc: 710.22 ng/ml



#16 DCPA

R.T.: 11.791 min
Delta R.T.: -0.005 min
Response: 19416825803
Conc: 734.37 ng/ml



#16 DCPA

R.T.: 12.364 min
Delta R.T.: -0.003 min
Response: 14626903242
Conc: 714.80 ng/ml