

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043025\
 Data File : PS030013.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 12:12
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/02/2025
 Supervised By : mohammad ahmed 05/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 04:57:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 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	6.939	7.462	1871.5E6	578.1E6	760.455	820.588
Target Compounds							
1) T	Dalapon	2.450	2.523	2842.4E6	1225.0E6	694.072	705.564
2) T	3,5-DICHL...	6.143	6.459	2534.7E6	733.0E6	709.256	749.766
3) T	4-Nitroph...	6.729	6.996	1248.9E6	553.9E6	700.337	723.117
5) T	DICAMBA	7.116	7.648	7216.6E6	3162.9E6	728.740	800.727
6) T	MCPD	7.294	7.755	476.8E6	127.0E6	73.990	72.588
7) T	MCPA	7.437	7.986	642.0E6	173.5E6	72.694	73.321
8) T	DICHLORPROP	7.796	8.341	1795.0E6	771.3E6	708.332	768.253
9) T	2,4-D	8.015	8.654	2025.4E6	853.4E6	720.064	757.125
10) T	Pentachlo...	8.294	9.155	25966.6E6	16440.0E6	744.350	808.069
11) T	2,4,5-TP ...	8.858	9.533	10286.3E6	6518.3E6	742.007	796.691
12) T	2,4,5-T	9.140	9.937	10478.0E6	6086.5E6	745.600	784.085
13) T	2,4-DB	9.698	10.495	1745.4E6	609.4E6	763.742	757.220
14) T	DINOSEB	10.861	10.869	7317.8E6	4408.0E6	719.308	755.957
15) T	Picloram	10.680	11.905	13288.4E6	8972.7E6	724.926	730.458m
16) T	DCPA	11.162	11.901	12725.4E6	7783.9E6	747.629	690.569m

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

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Data File : PS030013.D
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Acq On : 01 May 2025 12:12
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

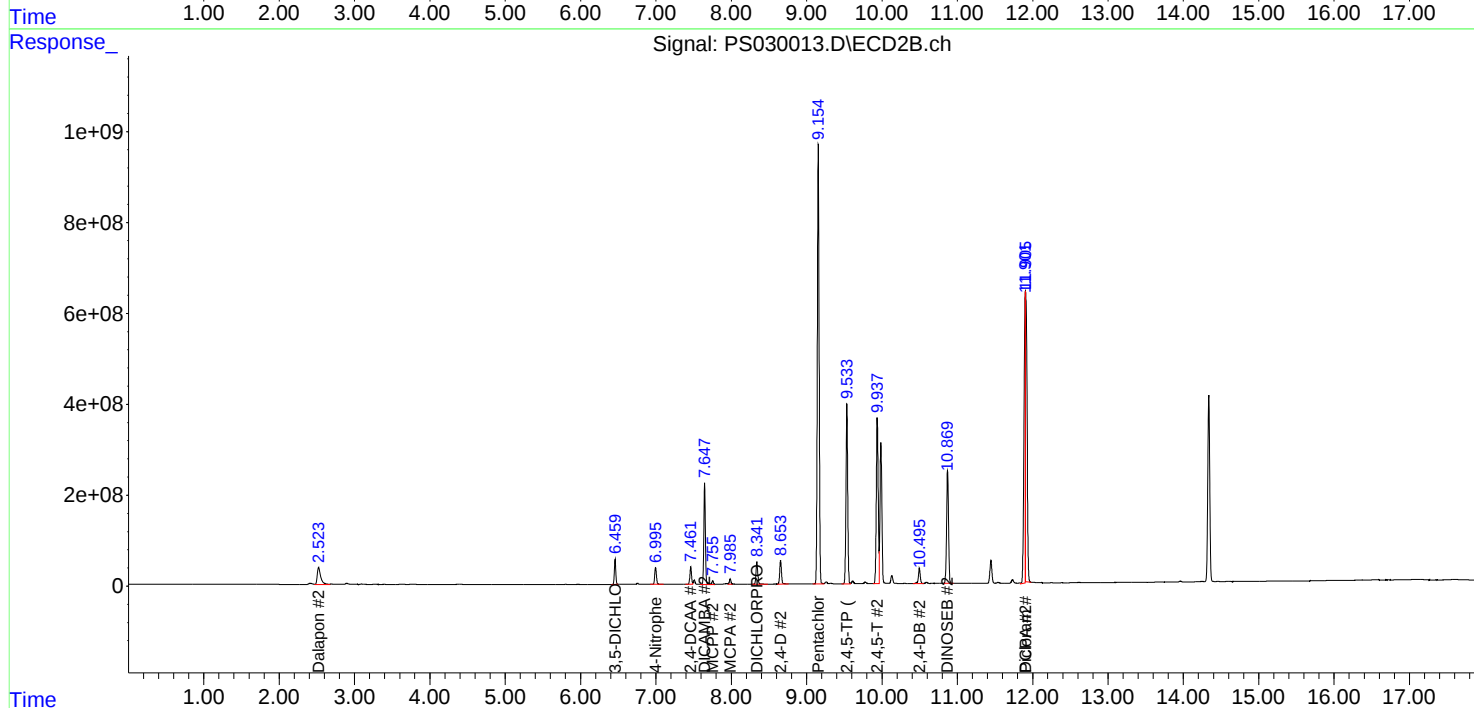
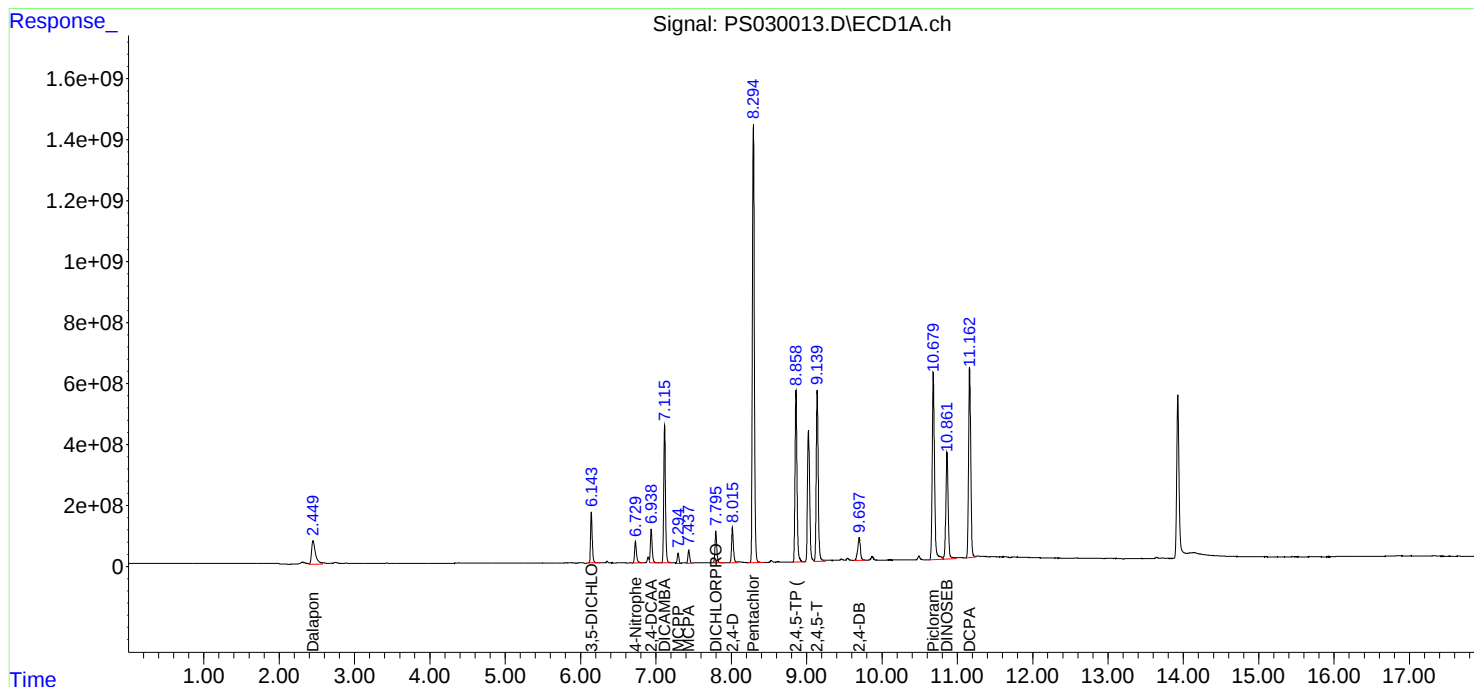
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

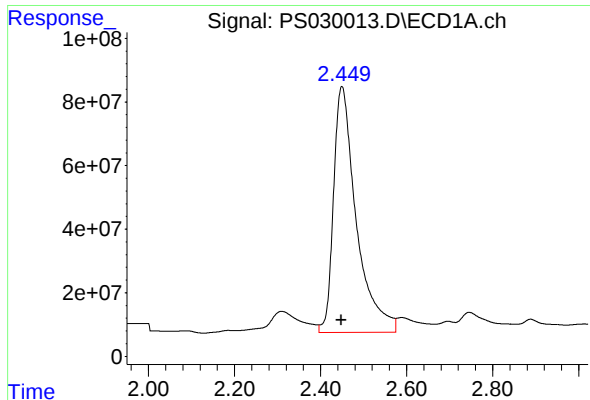
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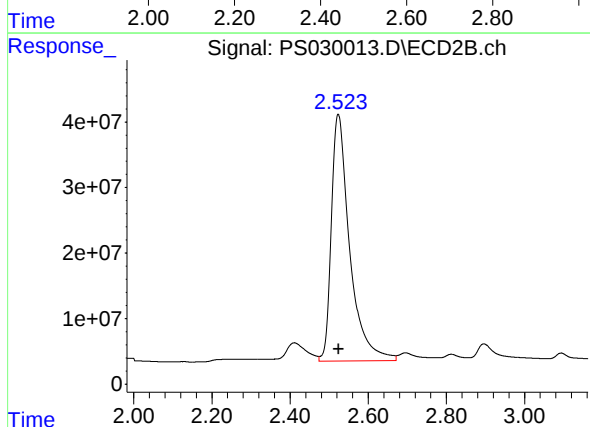
#1 Dalapon

R.T.: 2.450 min
Delta R.T.: 0.002 min
Response: 2842405390
Conc: 694.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

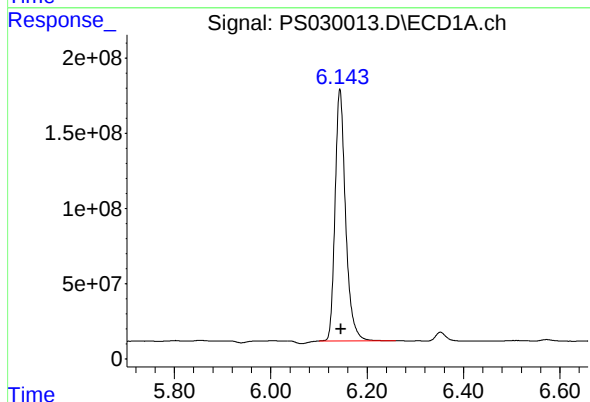
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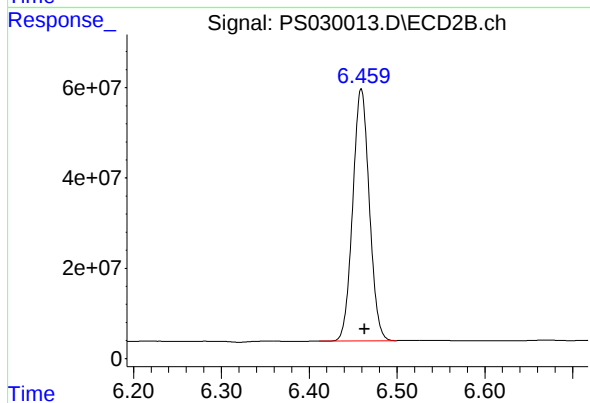
#1 Dalapon

R.T.: 2.523 min
Delta R.T.: -0.001 min
Response: 1224960796
Conc: 705.56 ng/ml



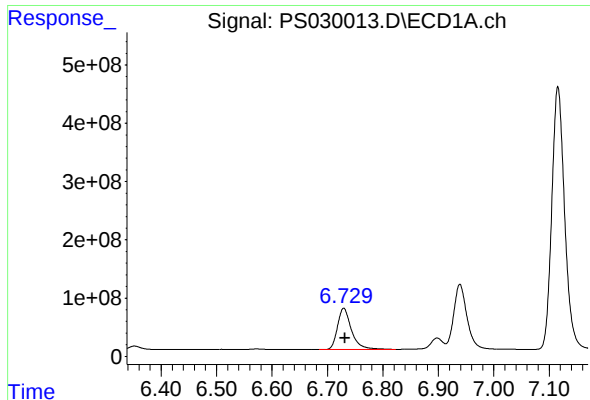
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.143 min
Delta R.T.: -0.002 min
Response: 2534729517
Conc: 709.26 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: -0.004 min
Response: 732955479
Conc: 749.77 ng/ml



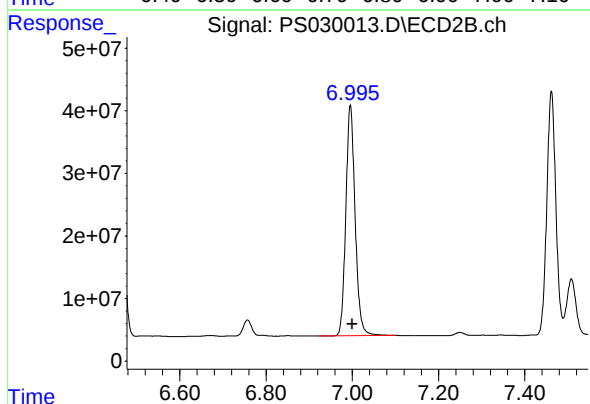
#3 4-Nitrophenol

R.T.: 6.729 min
Delta R.T.: -0.002 min
Response: 1248924020
Conc: 700.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

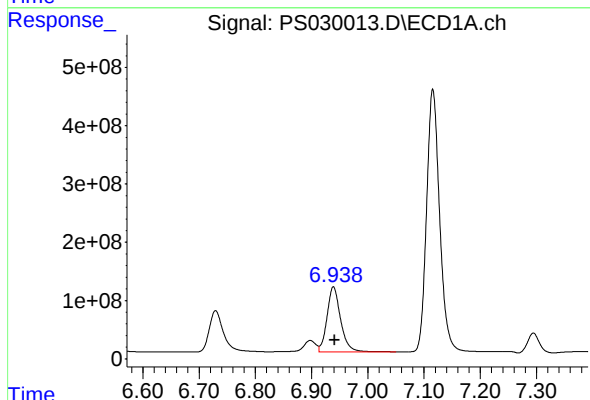
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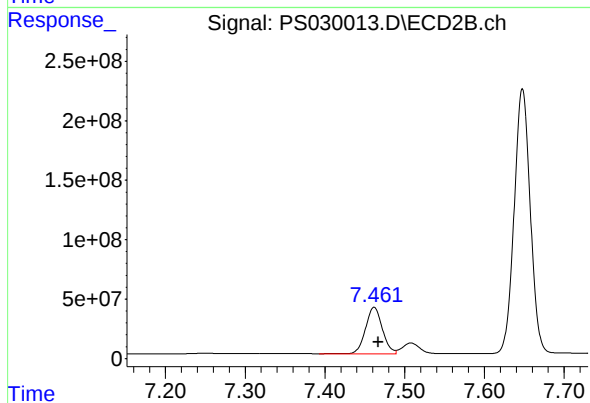
#3 4-Nitrophenol

R.T.: 6.996 min
Delta R.T.: -0.005 min
Response: 553850837
Conc: 723.12 ng/ml



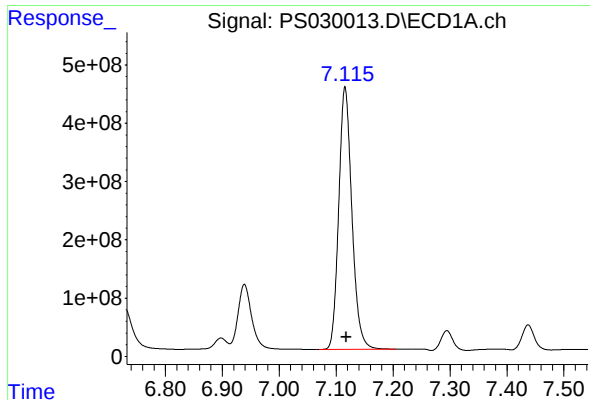
#4 2,4-DCAA

R.T.: 6.939 min
Delta R.T.: -0.003 min
Response: 1871539269
Conc: 760.45 ng/ml



#4 2,4-DCAA

R.T.: 7.462 min
Delta R.T.: -0.005 min
Response: 578117969
Conc: 820.59 ng/ml



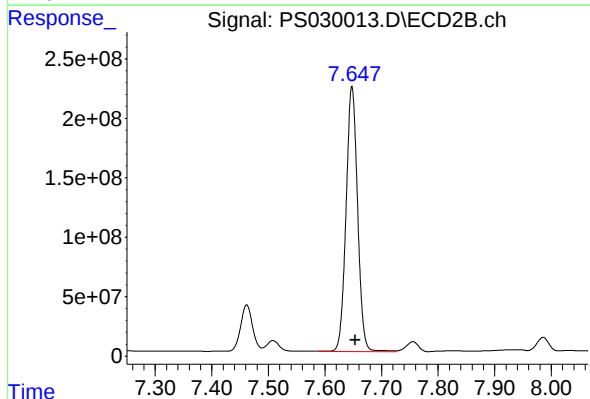
#5 DICAMBA

R.T.: 7.116 min
Delta R.T.: -0.002 min
Response: 7216610889
Conc: 728.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

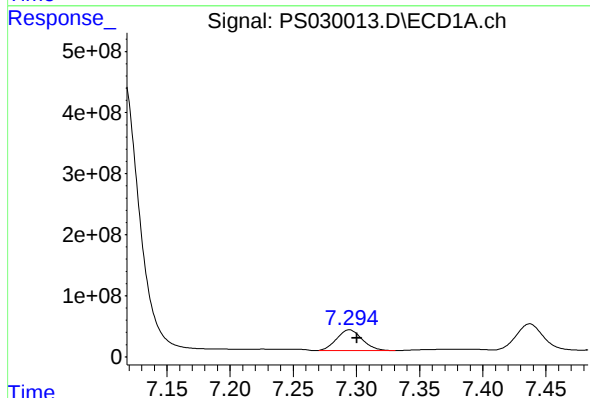
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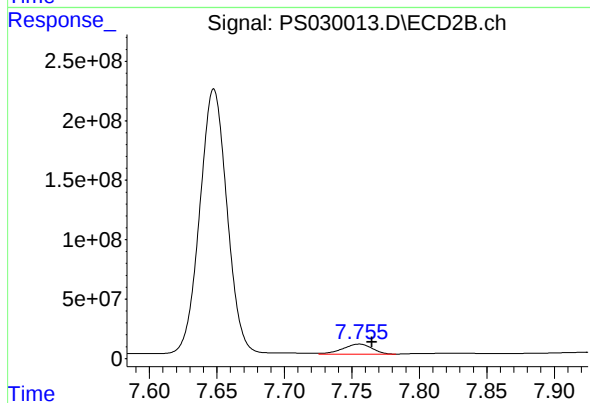
#5 DICAMBA

R.T.: 7.648 min
Delta R.T.: -0.006 min
Response: 3162921794
Conc: 800.73 ng/ml



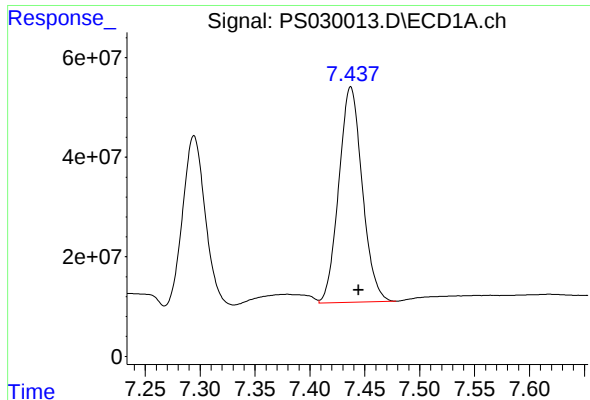
#6 MCPP

R.T.: 7.294 min
Delta R.T.: -0.006 min
Response: 476765864
Conc: 73.99 ug/ml



#6 MCPP

R.T.: 7.755 min
Delta R.T.: -0.009 min
Response: 126951961
Conc: 72.59 ug/ml



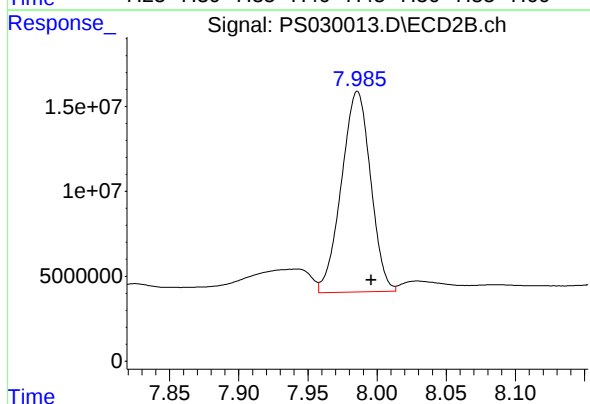
#7 MCPA

R.T.: 7.437 min
Delta R.T.: -0.007 min
Response: 641986097
Conc: 72.69 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

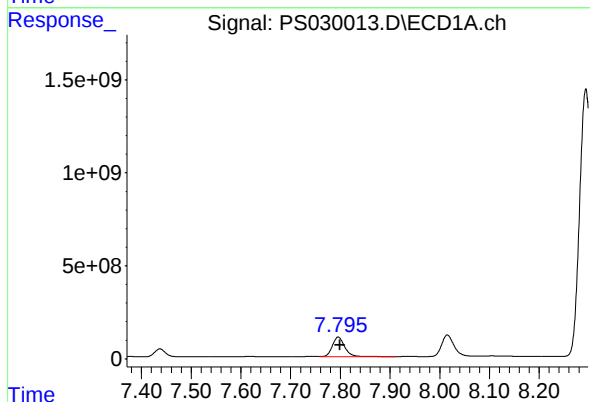
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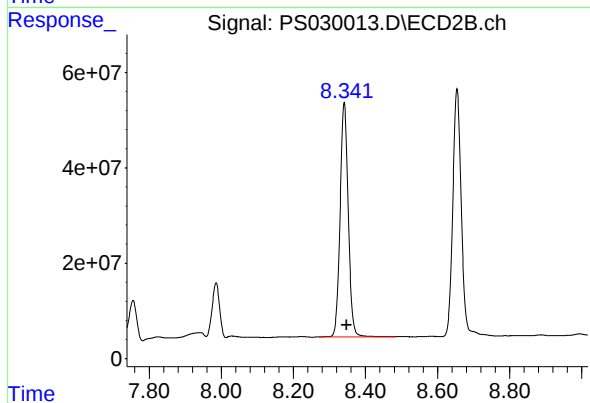
#7 MCPA

R.T.: 7.986 min
Delta R.T.: -0.010 min
Response: 173462992
Conc: 73.32 ug/ml



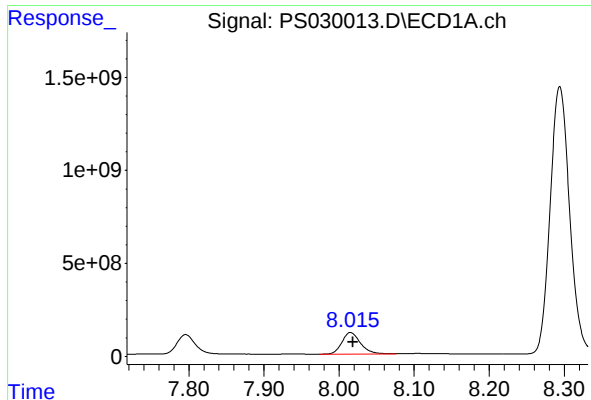
#8 DICHLORPROP

R.T.: 7.796 min
Delta R.T.: -0.003 min
Response: 1794988816
Conc: 708.33 ng/ml



#8 DICHLORPROP

R.T.: 8.341 min
Delta R.T.: -0.007 min
Response: 771298752
Conc: 768.25 ng/ml



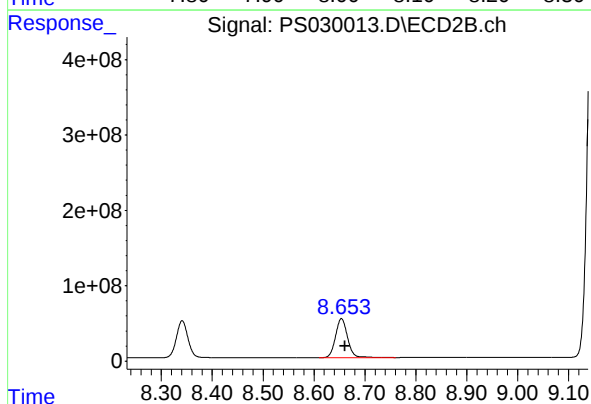
#9 2,4-D

R.T.: 8.015 min
Delta R.T.: -0.003 min
Response: 2025447050
Conc: 720.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

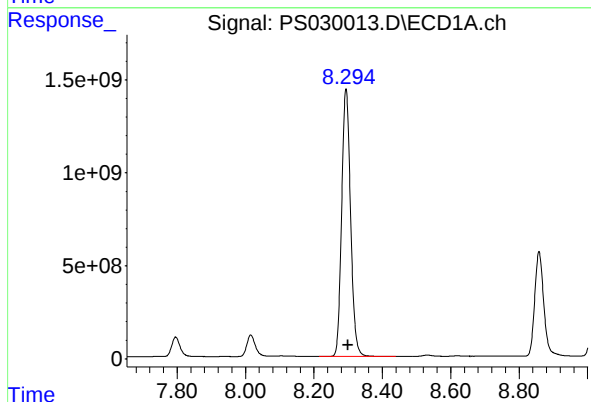
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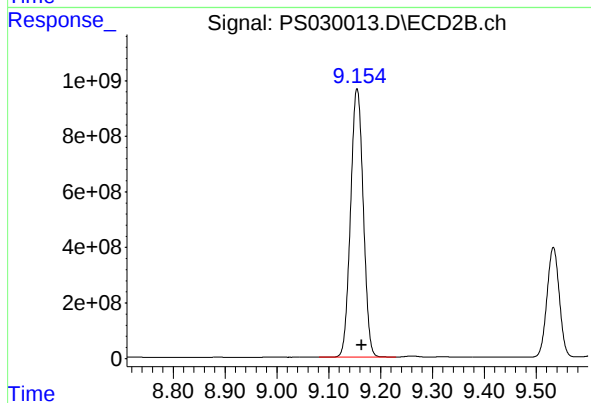
#9 2,4-D

R.T.: 8.654 min
Delta R.T.: -0.007 min
Response: 853360684
Conc: 757.12 ng/ml



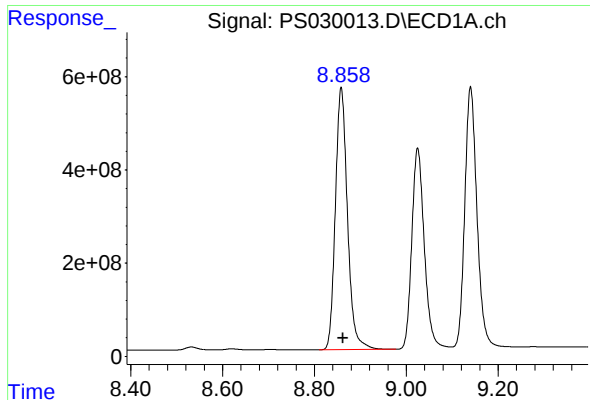
#10 Pentachlorophenol

R.T.: 8.294 min
Delta R.T.: -0.006 min
Response: 25966648022
Conc: 744.35 ng/ml



#10 Pentachlorophenol

R.T.: 9.155 min
Delta R.T.: -0.009 min
Response: 16440020170
Conc: 808.07 ng/ml



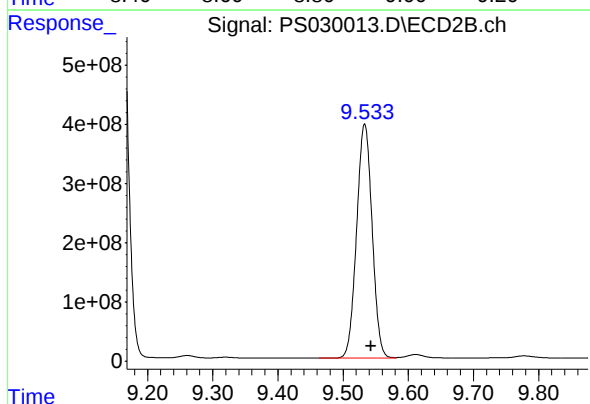
#11 2,4,5-TP (SILVEX)

R.T.: 8.858 min
Delta R.T.: -0.004 min
Response: 10286319183
Conc: 742.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

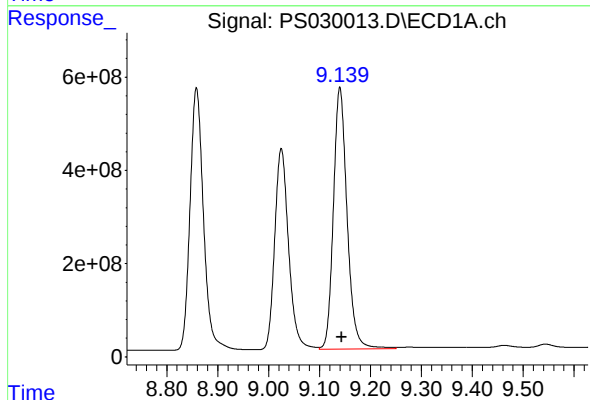
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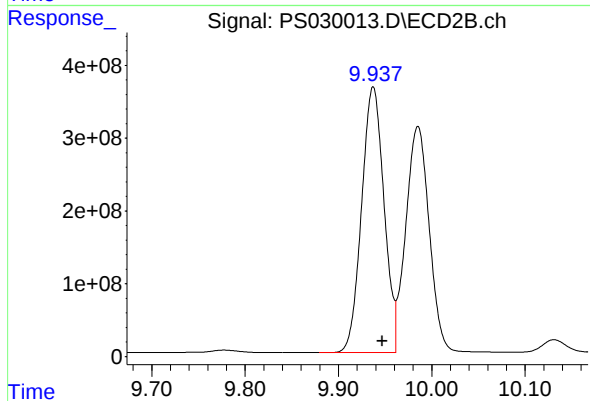
#11 2,4,5-TP (SILVEX)

R.T.: 9.533 min
Delta R.T.: -0.010 min
Response: 6518329316
Conc: 796.69 ng/ml



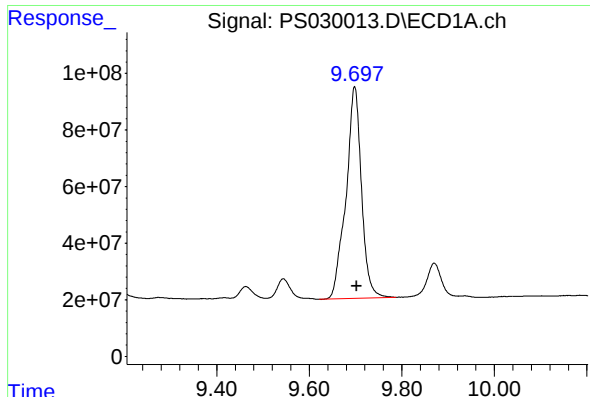
#12 2,4,5-T

R.T.: 9.140 min
Delta R.T.: -0.004 min
Response: 10478000956
Conc: 745.60 ng/ml



#12 2,4,5-T

R.T.: 9.937 min
Delta R.T.: -0.010 min
Response: 6086536736
Conc: 784.08 ng/ml



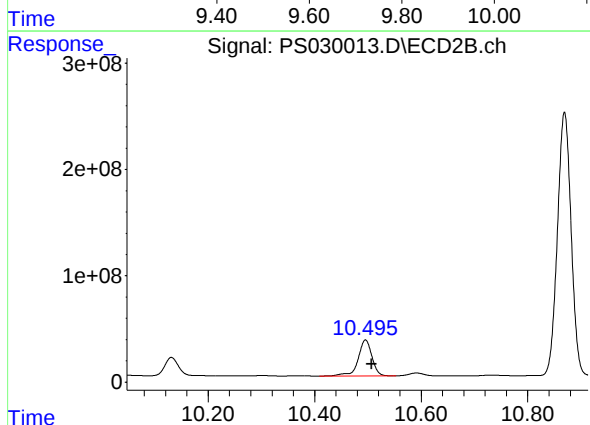
#13 2,4-DB

R.T.: 9.698 min
Delta R.T.: -0.004 min
Response: 1745423457
Conc: 763.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

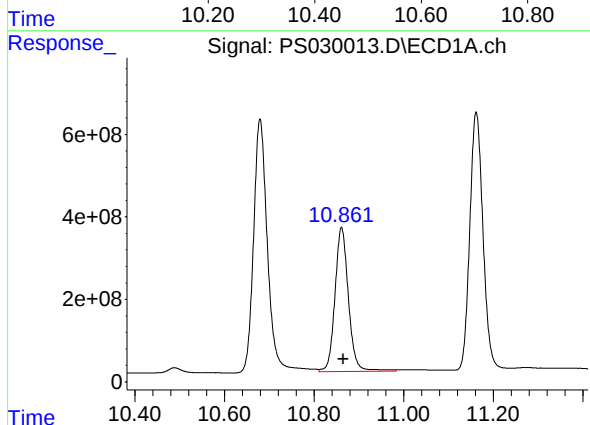
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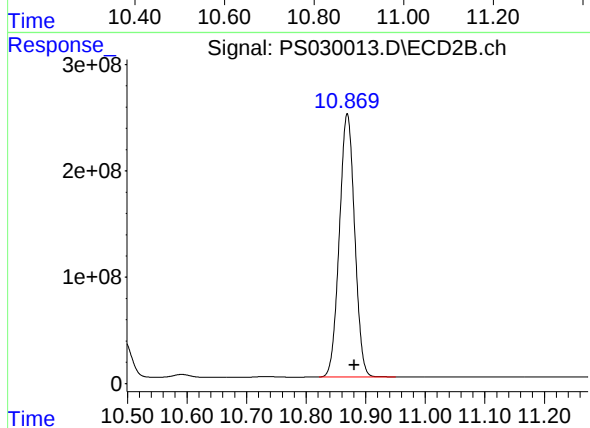
#13 2,4-DB

R.T.: 10.495 min
Delta R.T.: -0.011 min
Response: 609442670
Conc: 757.22 ng/ml



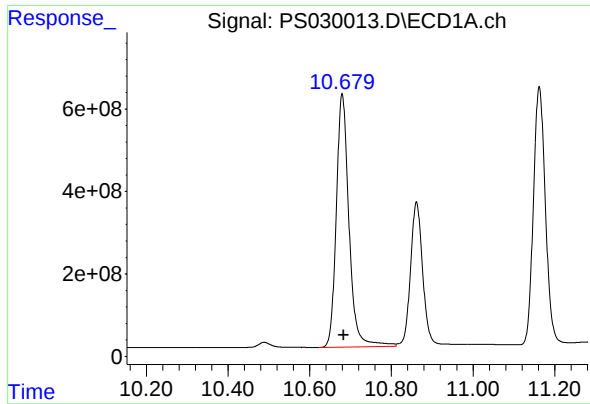
#14 DINOSEB

R.T.: 10.861 min
Delta R.T.: -0.005 min
Response: 7317825824
Conc: 719.31 ng/ml



#14 DINOSEB

R.T.: 10.869 min
Delta R.T.: -0.012 min
Response: 4407971468
Conc: 755.96 ng/ml



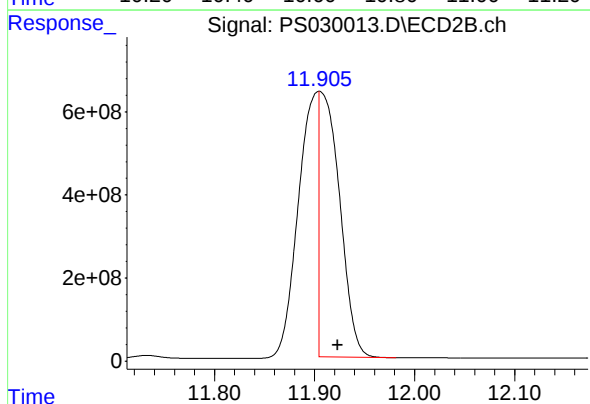
#15 Picloram

R.T.: 10.680 min
Delta R.T.: -0.004 min
Response: 13288353705
Conc: 724.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

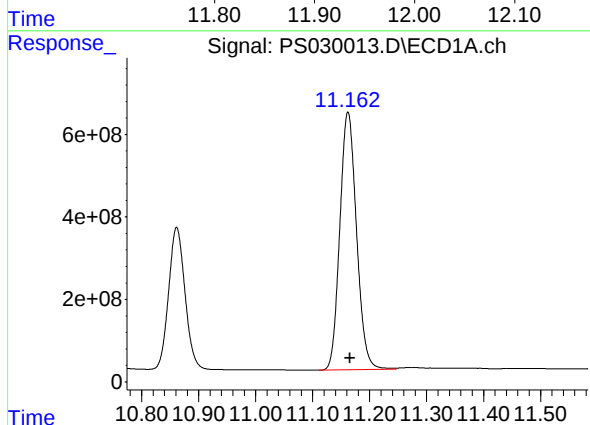
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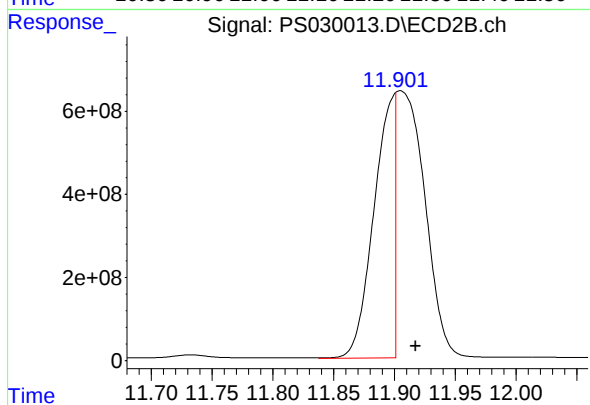
#15 Picloram

R.T.: 11.905 min
Delta R.T.: -0.018 min
Response: 8972685377
Conc: 730.46 ng/ml m



#16 DCPA

R.T.: 11.162 min
Delta R.T.: -0.004 min
Response: 12725385376
Conc: 747.63 ng/ml



#16 DCPA

R.T.: 11.901 min
Delta R.T.: -0.017 min
Response: 7783857280
Conc: 690.57 ng/ml m