

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071625\
 Data File : PS031086.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2025 00:19
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/17/2025
 Supervised By :mohammad ahmed 07/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 02:20:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
 Quant Title : 8080.M
 QLast Update : Mon Jul 14 05:51:06 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	7.329	7.768	3724.6E6	865.6E6	941.725	835.521
Target Compounds							
1) T	Dalapon	2.694	2.706	4648.9E6	2121.1E6	763.150	746.124
2) T	3,5-DICHL...	6.486	6.714	9964.1E6	1203.1E6	1902.058	775.995 #
3) T	4-Nitroph...	7.127	7.300	1457.3E6	1393.9E6	1079.486	799.306 #
5) T	DICAMBA	7.518	7.970	13616.4E6	5323.5E6	867.791	821.988
6) T	MCPD	7.700	8.082	837.0E6	1838.1E6	90.970	859.764 #
7) T	MCPA	7.851	8.320	1072.2E6	246.9E6	98.304	77.008
8) T	DICHLORPROP	8.230	8.690	3064.7E6	1173.0E6	900.029	772.070
9) T	2,4-D	8.463	9.026	2774.0E6	1359.0E6	901.109	799.672
10) T	Pentachlo...	8.772	9.550	45492.6E6	32583.2E6	905.117	845.546
11) T	2,4,5-TP ...	9.347	9.931	18359.9E6	11949.8E6	986.524	814.254
12) T	2,4,5-T	9.641	10.358	17395.9E6	11636.6E6	1143.466	831.674 #
13) T	2,4-DB	10.219	10.926	2855.2E6	966.1E6	1315.260	816.541 #
14) T	DINOSEB	11.434	11.310	13042.5E6	9185.2E6	989.278	809.161
15) T	Picloram	11.244	12.421	19458.1E6	20517.3E6	1335.311	873.795 #
16) T	DCPA	11.731	12.355	24185.8E6	18733.1E6	1010.384	830.662m

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

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Acq On : 17 Jul 2025 00:19
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

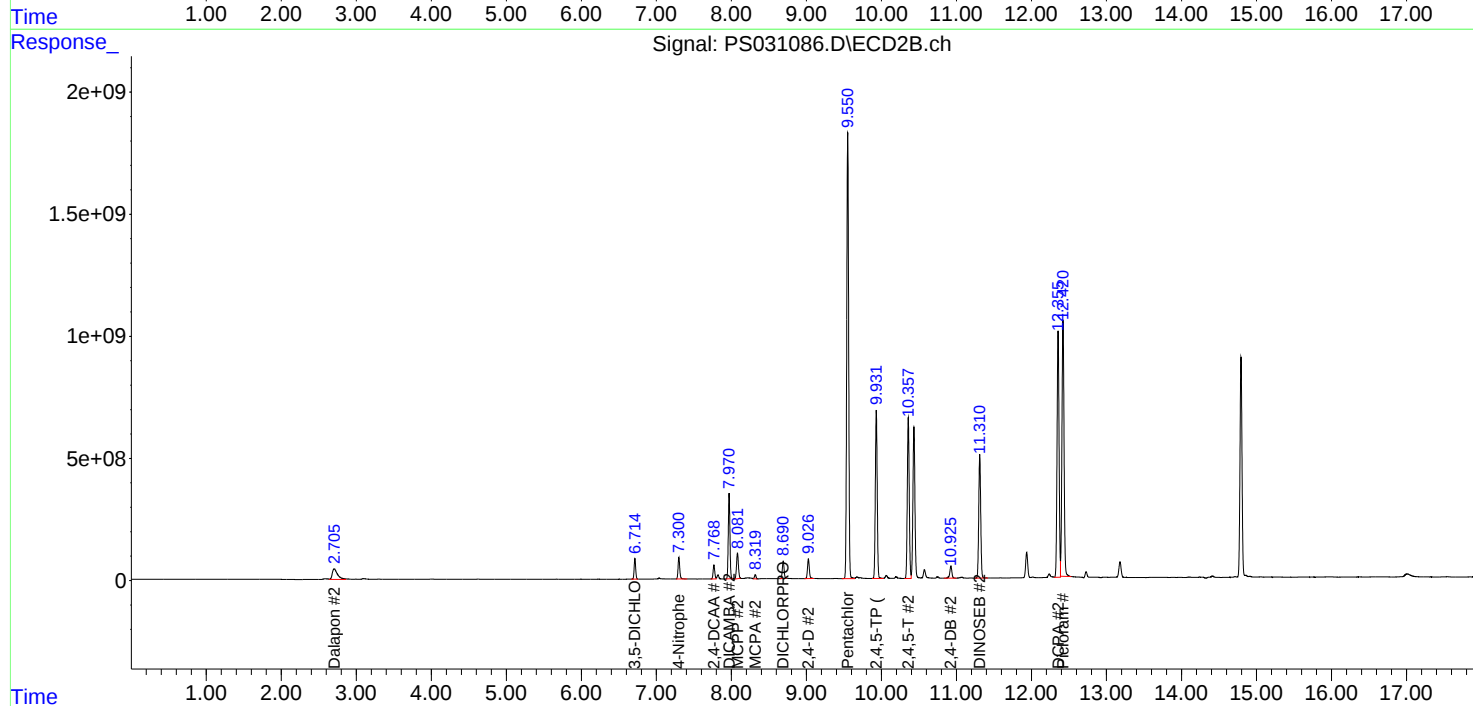
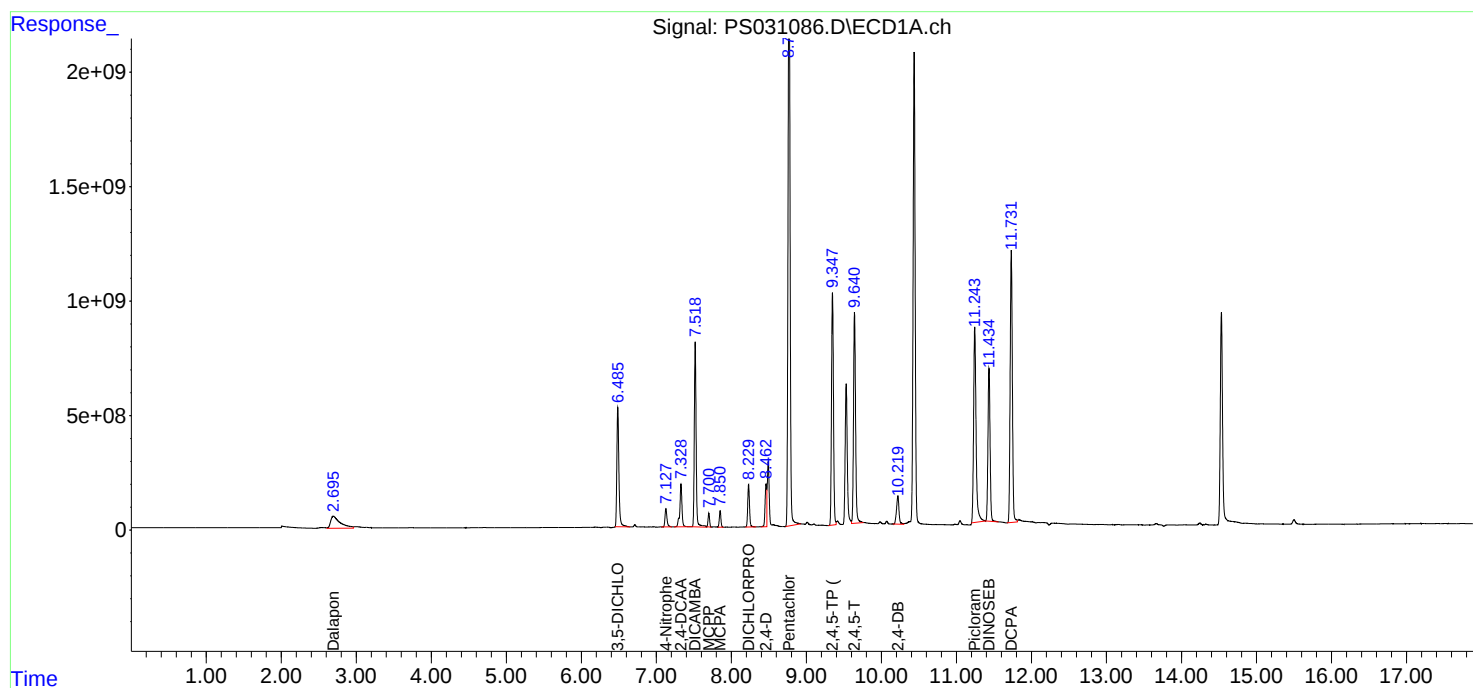
Instrument :
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ClientSampleId :
HSTDCCC750

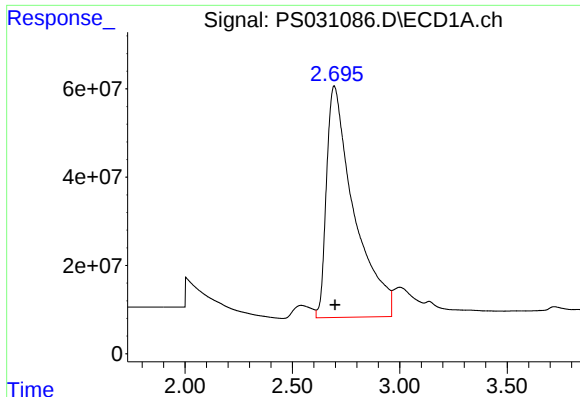
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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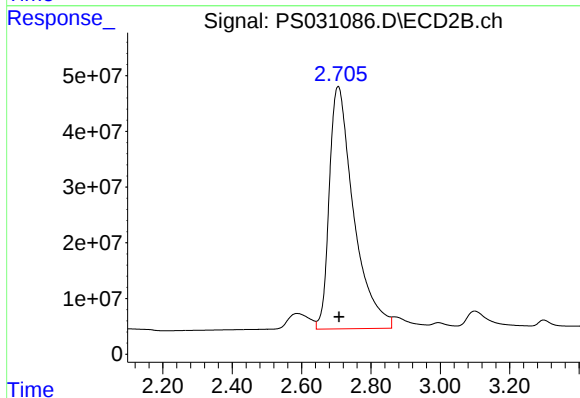
#1 Dalapon

R.T.: 2.694 min
Delta R.T.: -0.004 min
Response: 4648896820
Conc: 763.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

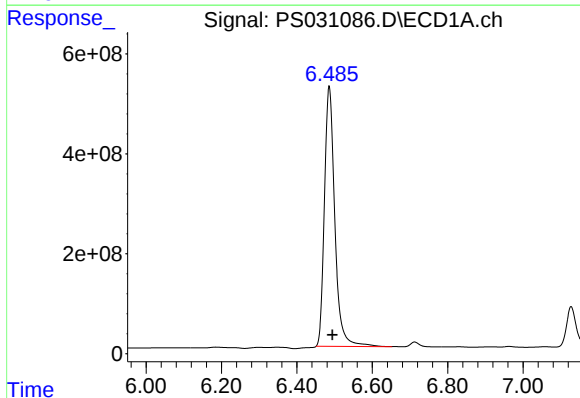
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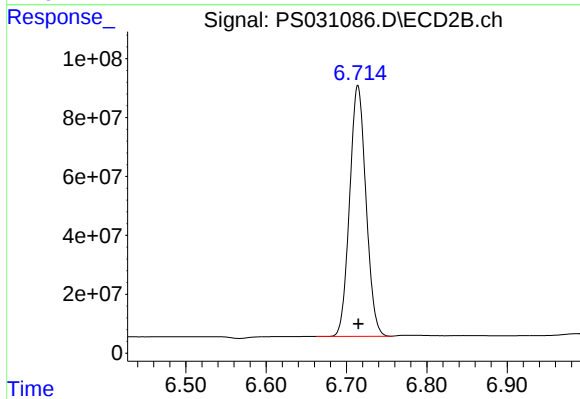
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: -0.003 min
Response: 2121124581
Conc: 746.12 ng/ml



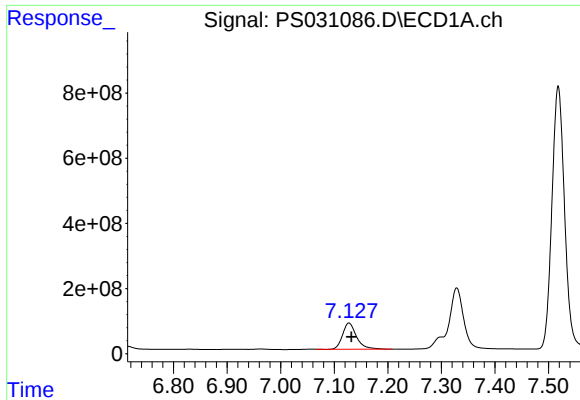
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.486 min
Delta R.T.: -0.008 min
Response: 9964122293
Conc: 1902.06 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 1203053548
Conc: 775.99 ng/ml



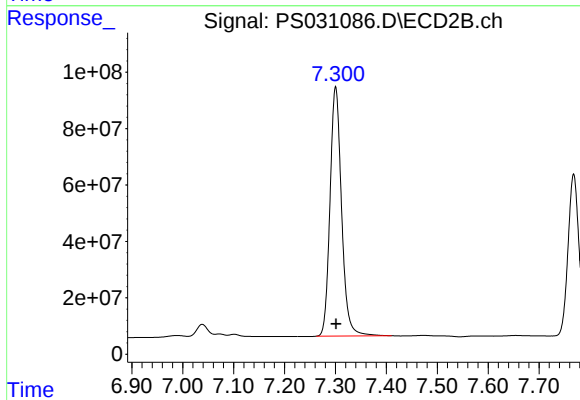
#3 4-Nitrophenol

R.T.: 7.127 min
Delta R.T.: -0.005 min
Response: 1457314466
Conc: 1079.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

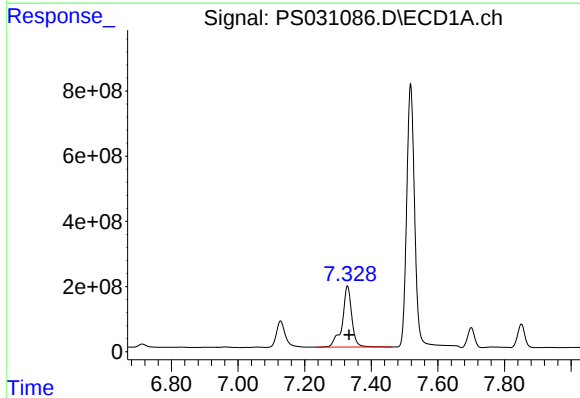
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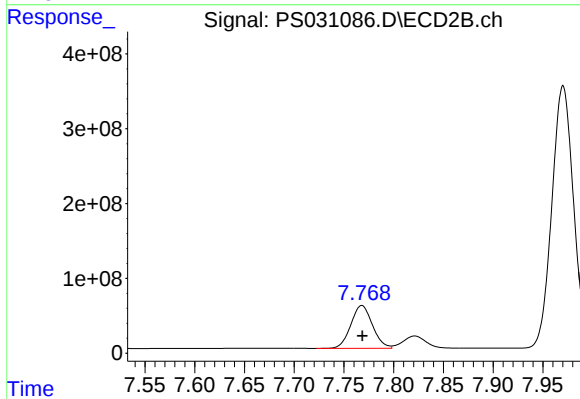
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 1393901459
Conc: 799.31 ng/ml



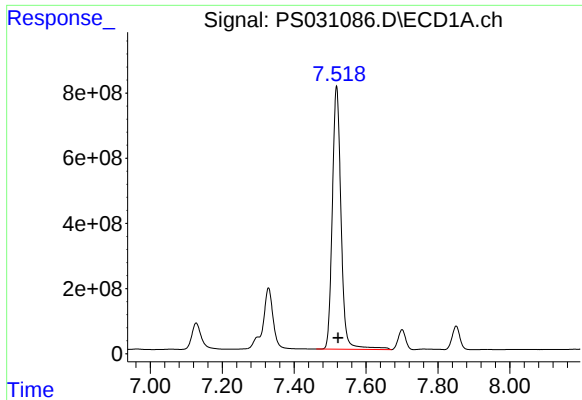
#4 2,4-DCAA

R.T.: 7.329 min
Delta R.T.: -0.004 min
Response: 3724594516
Conc: 941.73 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 865627364
Conc: 835.52 ng/ml



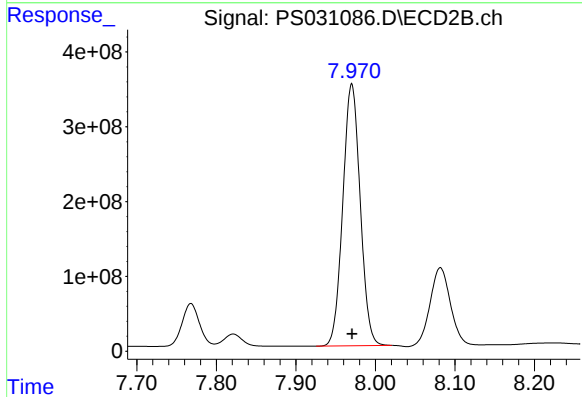
#5 DICAMBA

R.T.: 7.518 min
Delta R.T.: -0.004 min
Response: 13616424840
Conc: 867.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

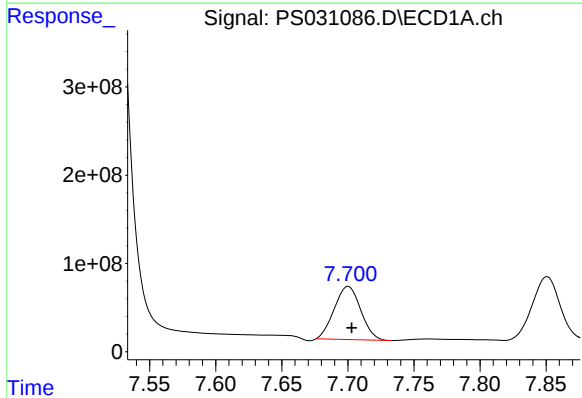
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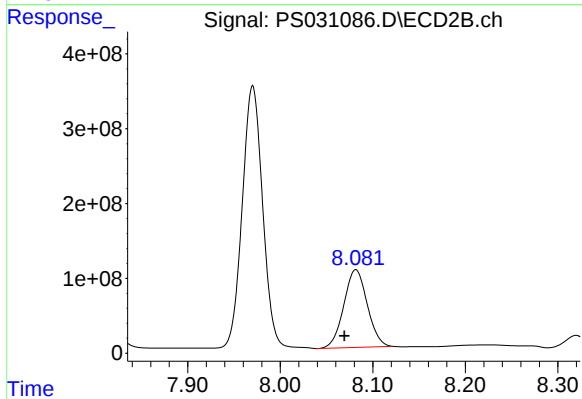
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 5323538996
Conc: 821.99 ng/ml



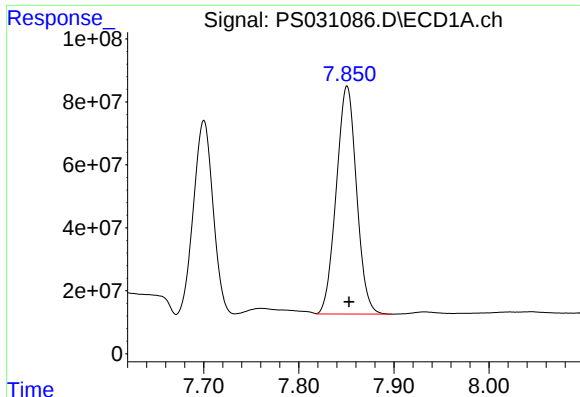
#6 MCP

R.T.: 7.700 min
Delta R.T.: -0.003 min
Response: 837037987
Conc: 90.97 ug/ml



#6 MCP

R.T.: 8.082 min
Delta R.T.: 0.012 min
Response: 1838126787
Conc: 859.76 ug/ml



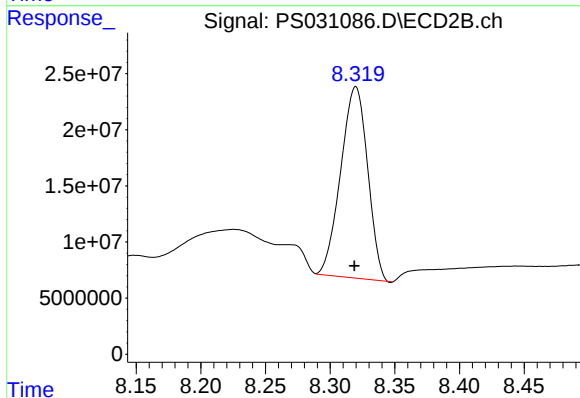
#7 MCPA

R.T.: 7.851 min
Delta R.T.: -0.002 min
Response: 1072178958
Conc: 98.30 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

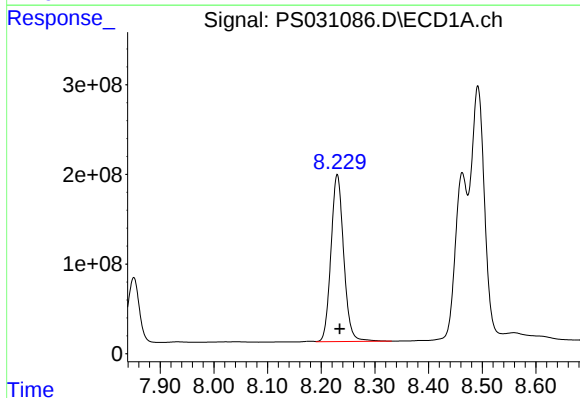
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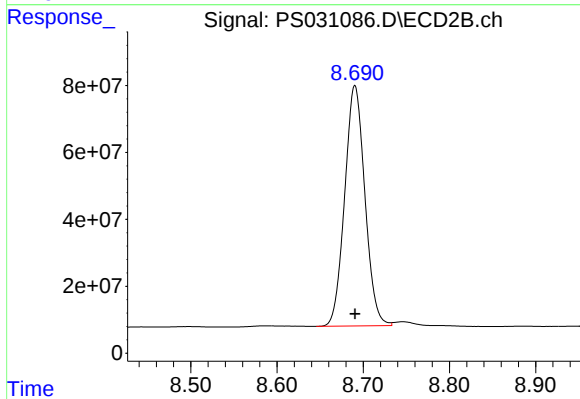
#7 MCPA

R.T.: 8.320 min
Delta R.T.: 0.000 min
Response: 246860218
Conc: 77.01 ug/ml



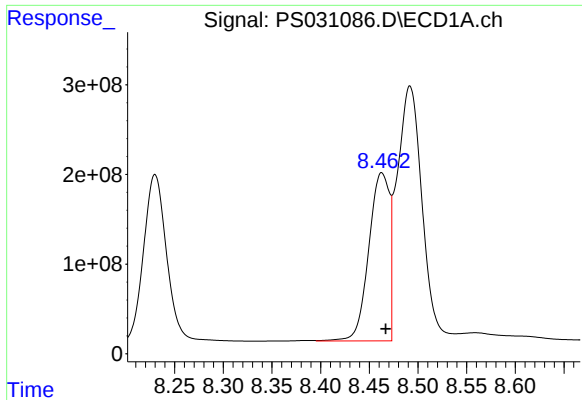
#8 DICHLORPROP

R.T.: 8.230 min
Delta R.T.: -0.005 min
Response: 3064737946
Conc: 900.03 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 1172975750
Conc: 772.07 ng/ml



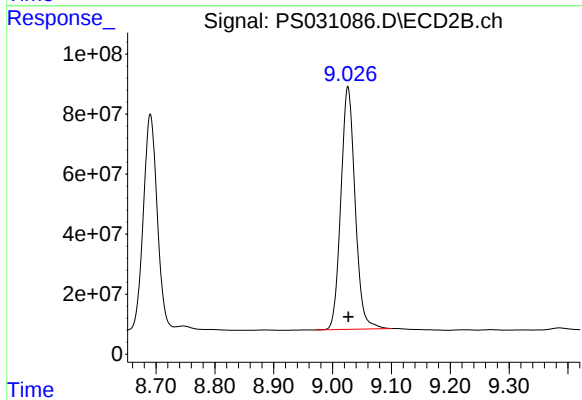
#9 2,4-D

R.T.: 8.463 min
Delta R.T.: -0.004 min
Response: 2774005440
Conc: 901.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

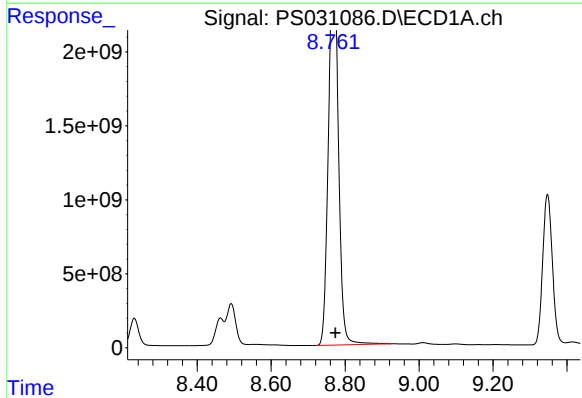
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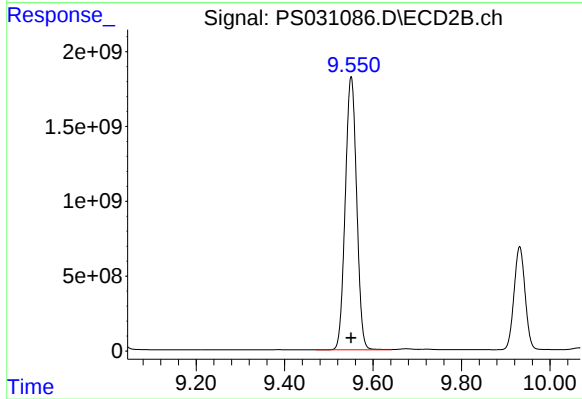
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 1359014771
Conc: 799.67 ng/ml



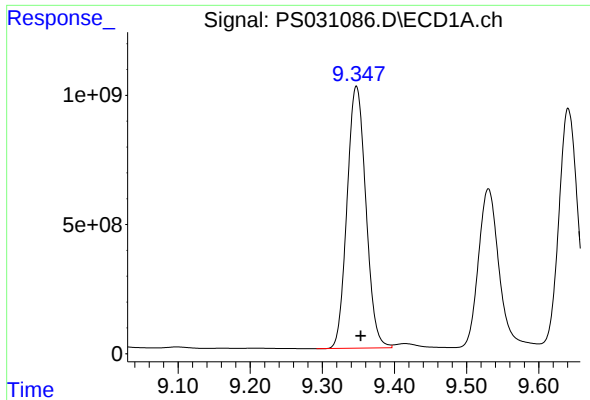
#10 Pentachlorophenol

R.T.: 8.772 min
Delta R.T.: -0.001 min
Response: 45492607895
Conc: 905.12 ng/ml



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: 0.000 min
Response: 32583172231
Conc: 845.55 ng/ml



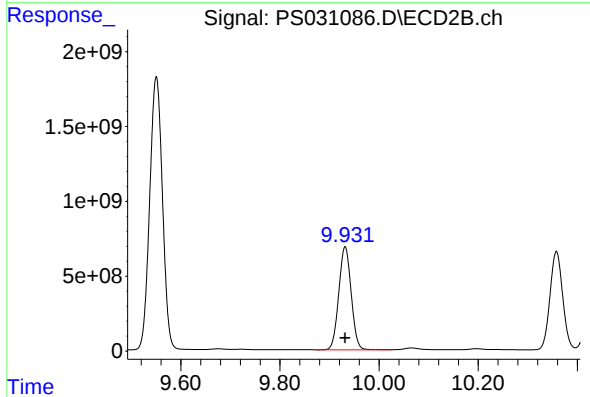
#11 2,4,5-TP (SILVEX)

R.T.: 9.347 min
Delta R.T.: -0.006 min
Response: 18359941428
Conc: 986.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

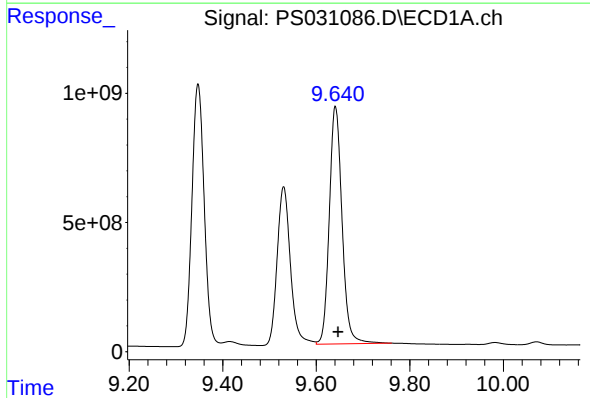
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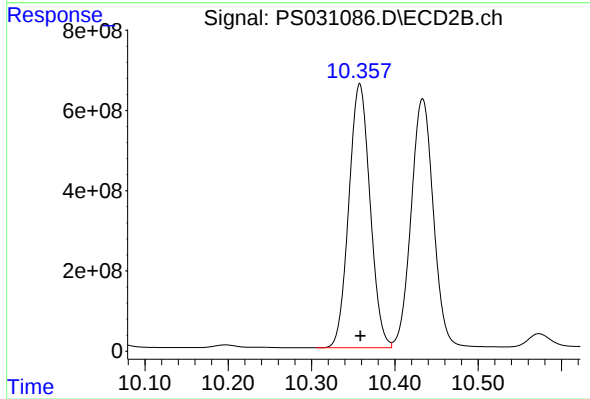
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 11949805373
Conc: 814.25 ng/ml



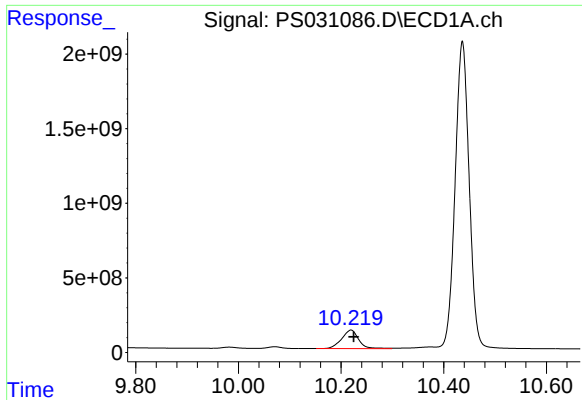
#12 2,4,5-T

R.T.: 9.641 min
Delta R.T.: -0.006 min
Response: 17395910999
Conc: 1143.47 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: 0.000 min
Response: 11636631230
Conc: 831.67 ng/ml



#13 2,4-DB

R.T.: 10.219 min
Delta R.T.: -0.006 min
Response: 2855152777
Conc: 1315.26 ng/ml

Instrument :

ECD_S

ClientSampleId :

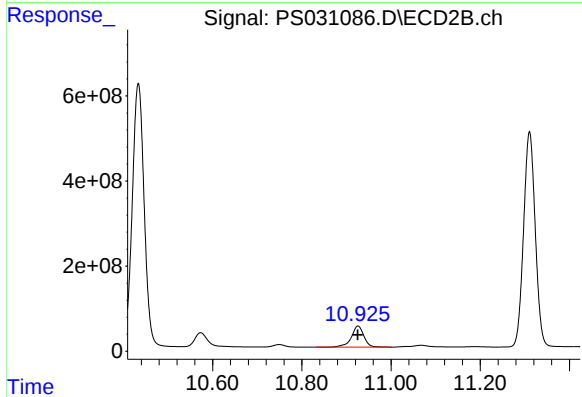
HSTDCCC750

Manual Integrations

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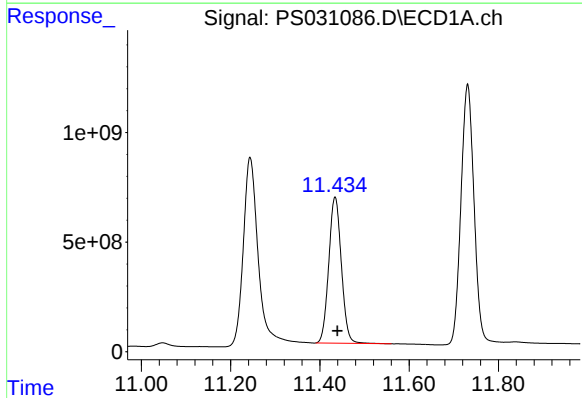
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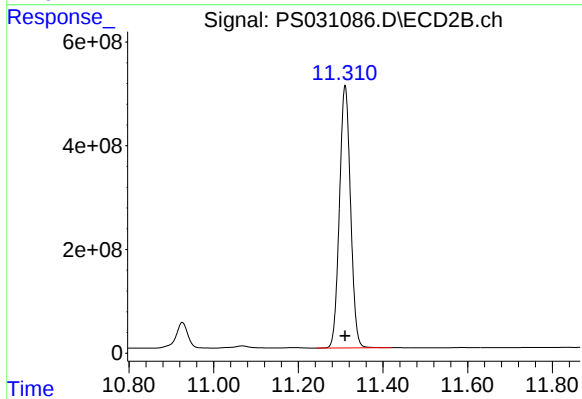
#13 2,4-DB

R.T.: 10.926 min
Delta R.T.: 0.000 min
Response: 966116465
Conc: 816.54 ng/ml



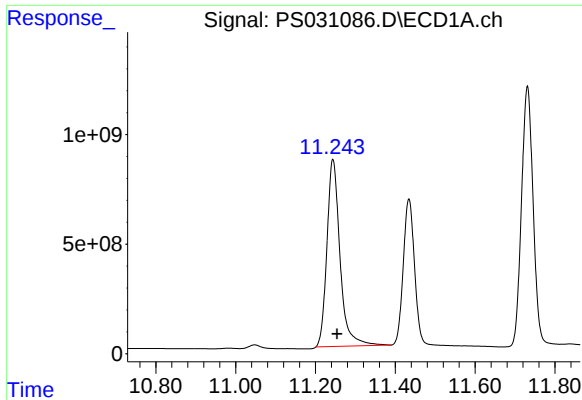
#14 DINOSEB

R.T.: 11.434 min
Delta R.T.: -0.005 min
Response: 13042541147
Conc: 989.28 ng/ml



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 9185202081
Conc: 809.16 ng/ml



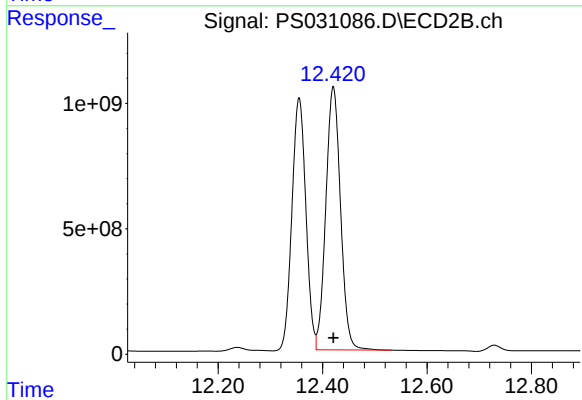
#15 Picloram

R.T.: 11.244 min
Delta R.T.: -0.010 min
Response: 19458080910
Conc: 1335.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

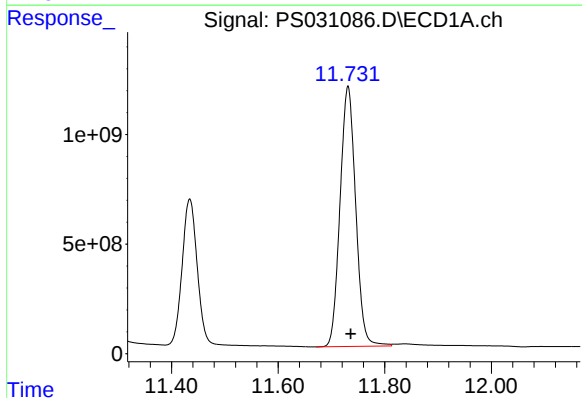
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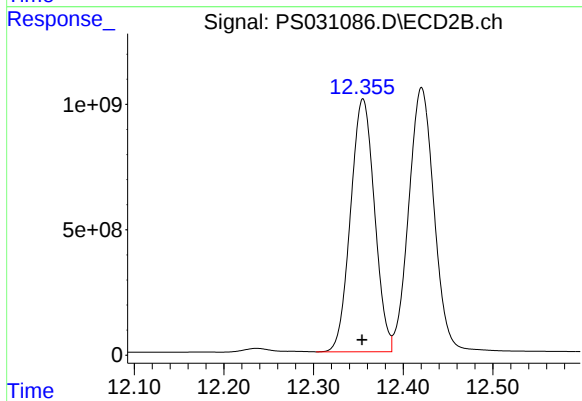
#15 Picloram

R.T.: 12.421 min
Delta R.T.: 0.000 min
Response: 20517289783
Conc: 873.80 ng/ml



#16 DCPA

R.T.: 11.731 min
Delta R.T.: -0.005 min
Response: 24185751203
Conc: 1010.38 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 18733074954
Conc: 830.66 ng/ml m