

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
 Data File : PS030444.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2025 13:21
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/03/2025
 Supervised By :mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 02 13:55:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 02 12:26:05 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	6.733	7.301	2890.3E6	912.6E6	713.231	717.208
Target Compounds							
1) T	Dalapon	2.309	2.406	4325.0E6	2280.5E6	650.190	656.441
2) T	3,5-DICHL...	5.966	6.320	3998.3E6	1190.5E6	664.956	669.183
3) T	4-Nitroph...	6.526	6.840	1516.3E6	1040.5E6	651.449	648.687
5) T	DICAMBA	6.904	7.482	11846.6E6	5449.1E6	685.336	688.891
6) T	MCP	7.083	7.593	778.2E6	212.7E6	70.416	70.465
7) T	MCPA	7.223	7.820	970.3E6	274.2E6	68.528	67.665
8) T	DICHLORPROP	7.570	8.167	2770.0E6	1266.6E6	670.342	671.789
9) T	2,4-D	7.786	8.476	2954.8E6	1382.6E6	675.632	674.985
10) T	Pentachlo...	8.054	8.962	42137.4E6	28213.6E6	720.235	705.427
11) T	2,4,5-TP ...	8.608	9.344	16869.1E6	11325.7E6	685.264	692.011
12) T	2,4,5-T	8.885	9.743	15417.5E6	10202.8E6	689.841	691.013
13) T	2,4-DB	9.433	10.296	2390.6E6	944.8E6	682.271	687.401
14) T	DINOSEB	10.573	10.664	12635.3E6	7751.7E6	677.613	683.755
15) T	Picloram	10.396	11.683	18908.0E6	16934.0E6	687.763	676.970m
16) T	DCPA	10.874	11.683	21181.9E6	16245.6E6	690.259	740.592m

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

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Acq On : 02 Jun 2025 13:21
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

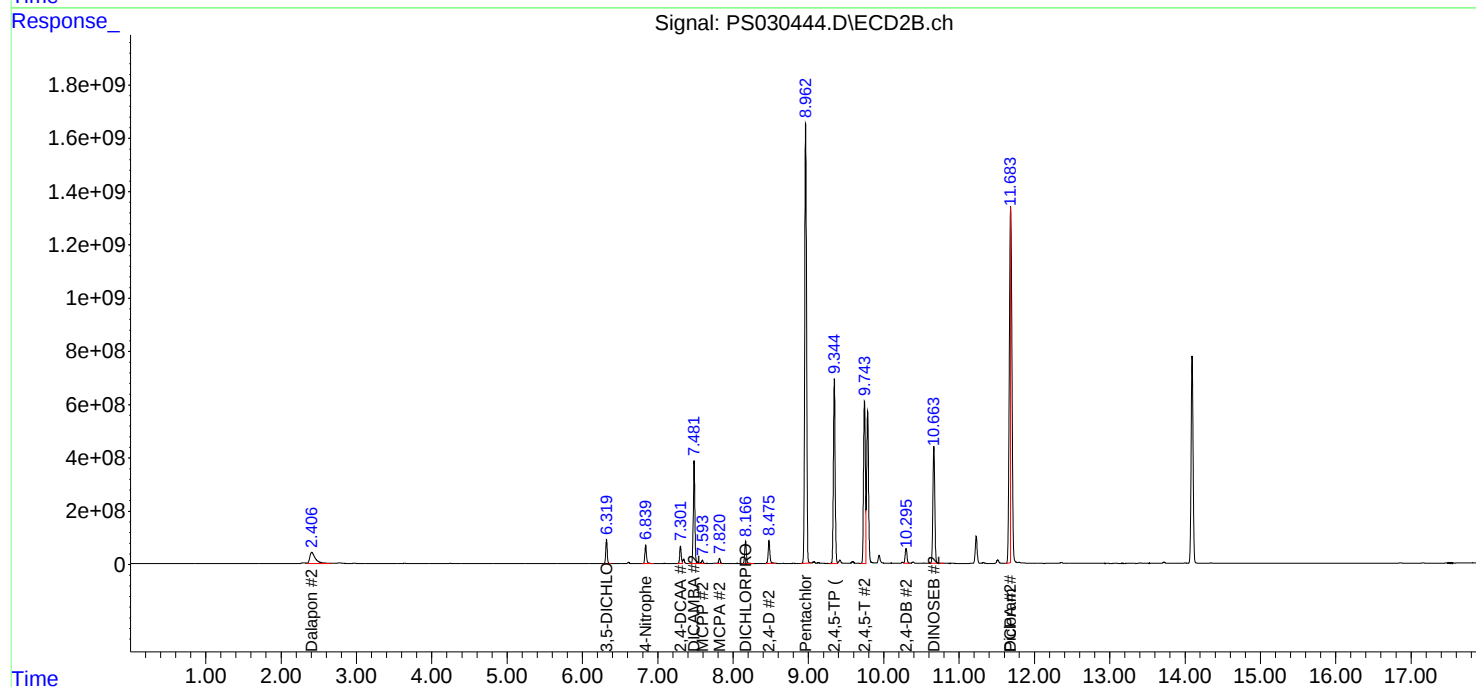
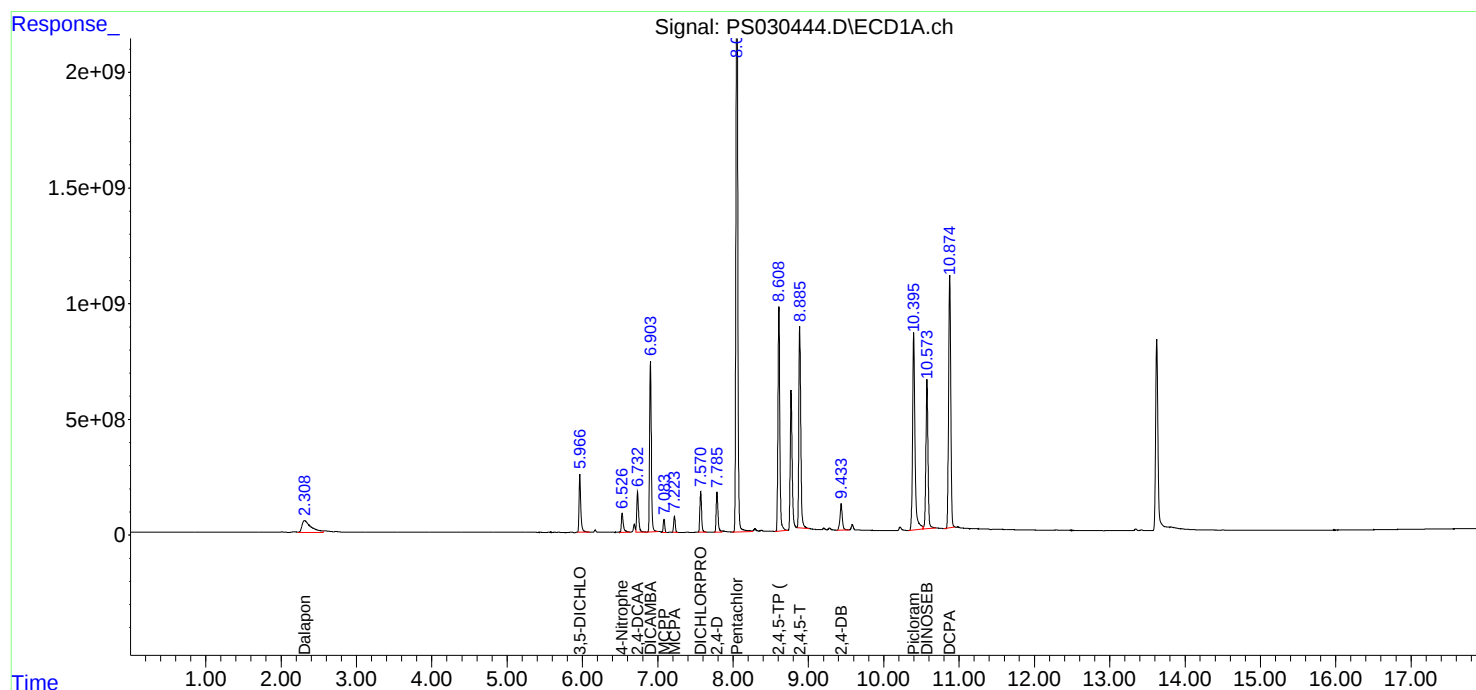
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

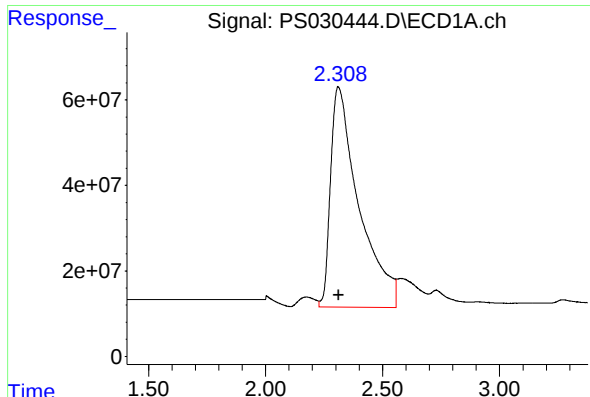
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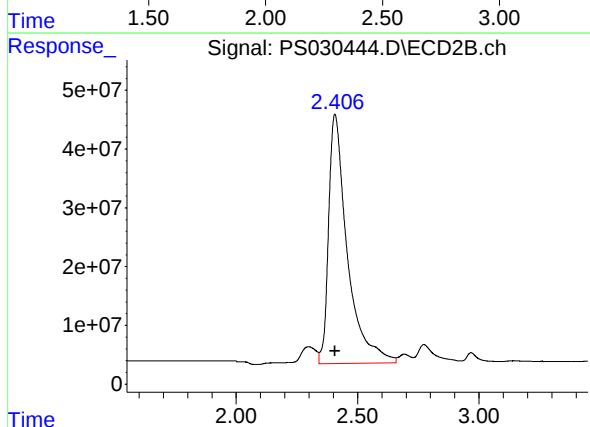
#1 Dalapon

R.T.: 2.309 min
Delta R.T.: -0.003 min
Response: 4325017232
Conc: 650.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

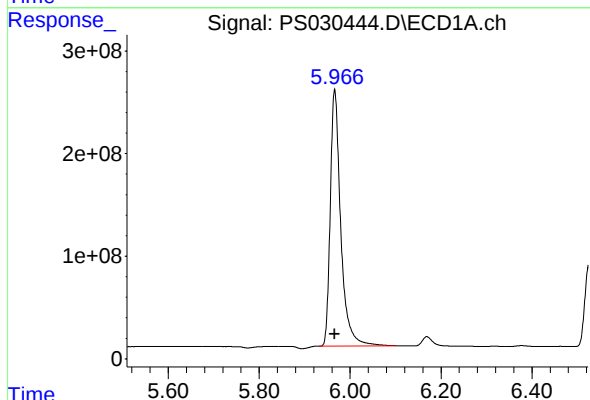
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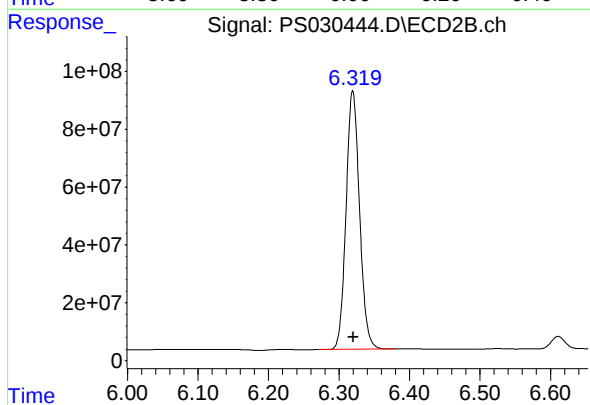
#1 Dalapon

R.T.: 2.406 min
Delta R.T.: 0.000 min
Response: 2280501446
Conc: 656.44 ng/ml



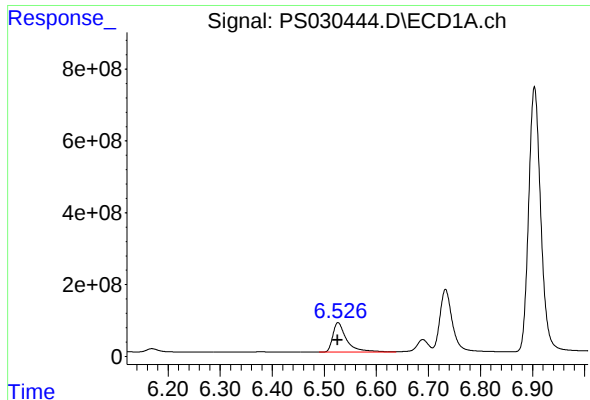
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 3998335231
Conc: 664.96 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 1190472955
Conc: 669.18 ng/ml



#3 4-Nitrophenol

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 1516333282
Conc: 651.45 ng/ml

Instrument :

ECD_S

ClientSampleId :

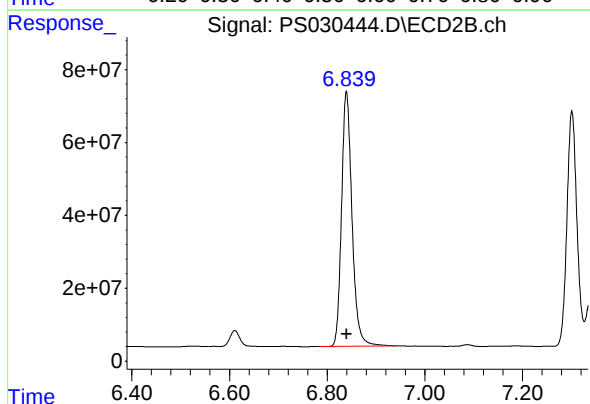
HSTDCCC750

Manual Integrations

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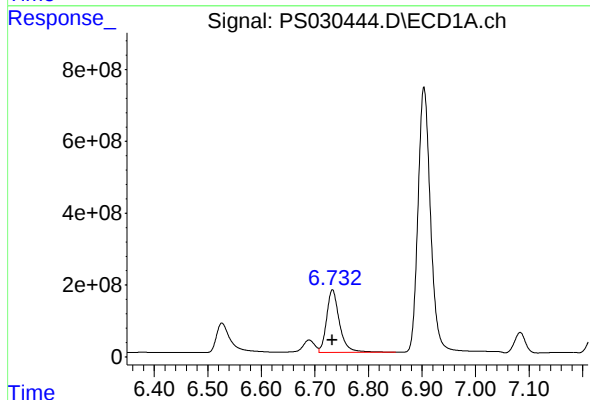
Reviewed By :Abdul Mirza 06/03/2025

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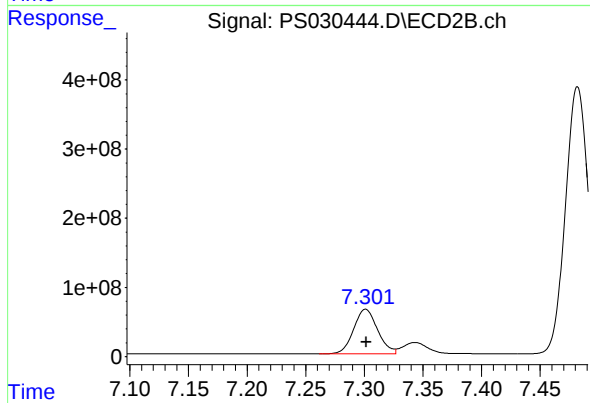
#3 4-Nitrophenol

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 1040503023
Conc: 648.69 ng/ml



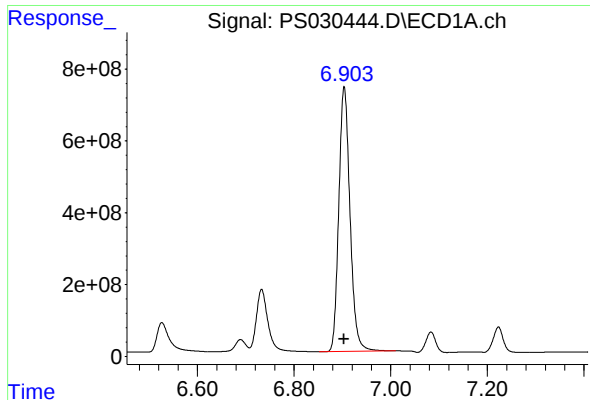
#4 2,4-DCAA

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 2890311804
Conc: 713.23 ng/ml



#4 2,4-DCAA

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 912621738
Conc: 717.21 ng/ml



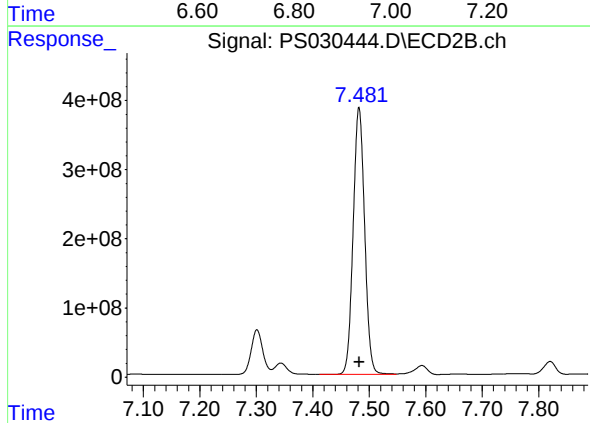
#5 DICAMBA

R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 11846634198
Conc: 685.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

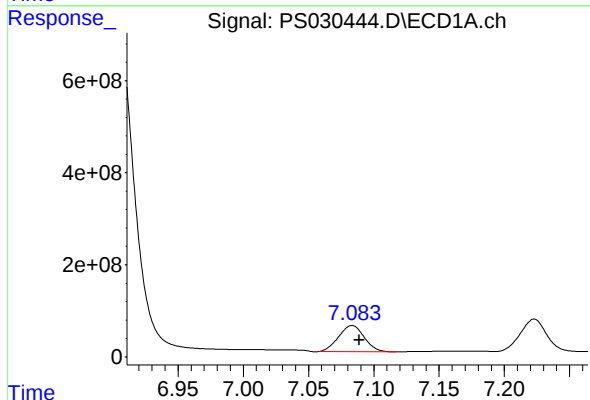
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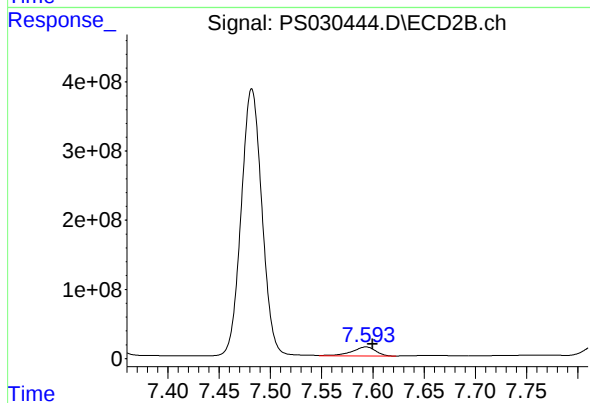
#5 DICAMBA

R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 5449115015
Conc: 688.89 ng/ml



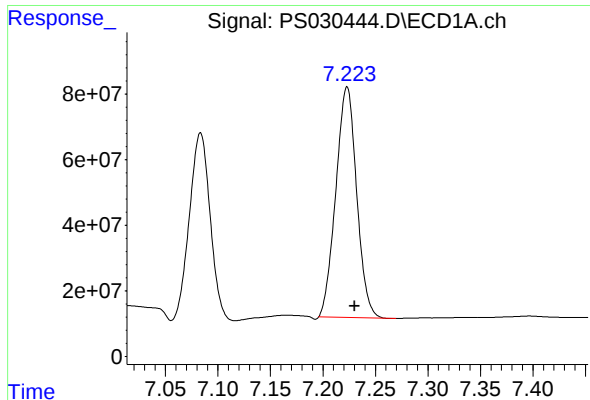
#6 MCPP

R.T.: 7.083 min
Delta R.T.: -0.006 min
Response: 778220228
Conc: 70.42 ug/ml



#6 MCPP

R.T.: 7.593 min
Delta R.T.: -0.006 min
Response: 212705388
Conc: 70.47 ug/ml



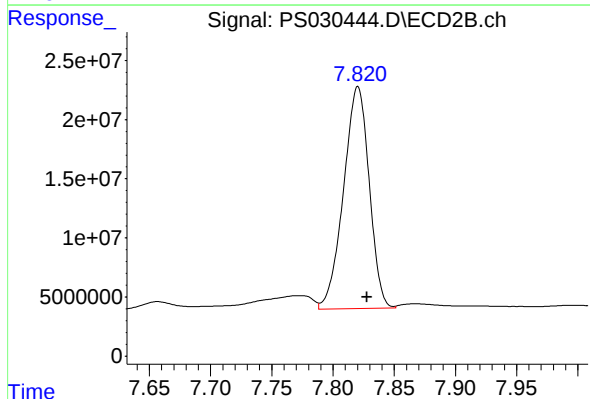
#7 MCPA

R.T.: 7.223 min
Delta R.T.: -0.007 min
Response: 970320866
Conc: 68.53 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

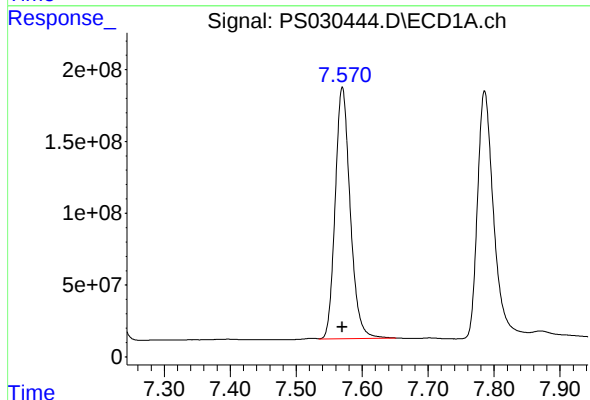
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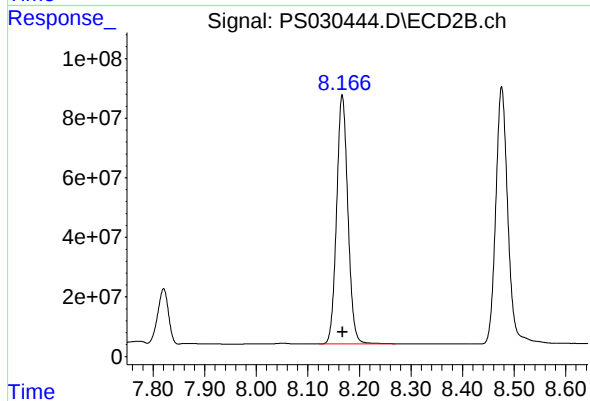
#7 MCPA

R.T.: 7.820 min
Delta R.T.: -0.008 min
Response: 274174831
Conc: 67.67 ug/ml



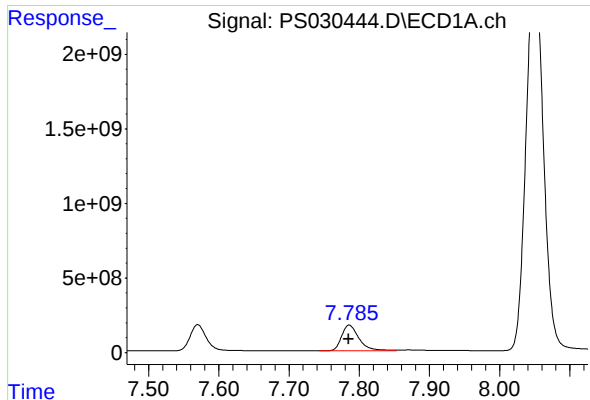
#8 DICHLORPROP

R.T.: 7.570 min
Delta R.T.: 0.000 min
Response: 2769969117
Conc: 670.34 ng/ml



#8 DICHLORPROP

R.T.: 8.167 min
Delta R.T.: -0.001 min
Response: 1266627557
Conc: 671.79 ng/ml



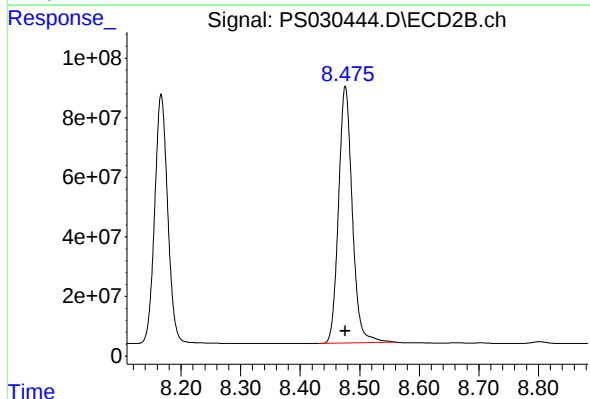
#9 2,4-D

R.T.: 7.786 min
Delta R.T.: 0.000 min
Response: 2954760900
Conc: 675.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

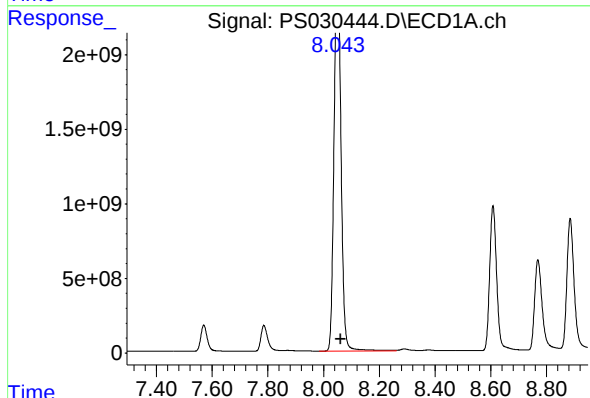
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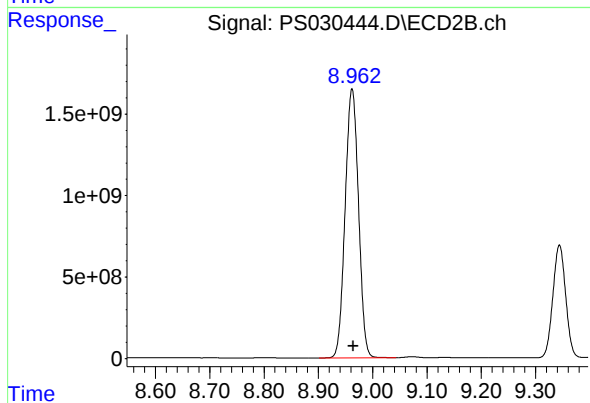
#9 2,4-D

R.T.: 8.476 min
Delta R.T.: 0.000 min
Response: 1382643632
Conc: 674.98 ng/ml



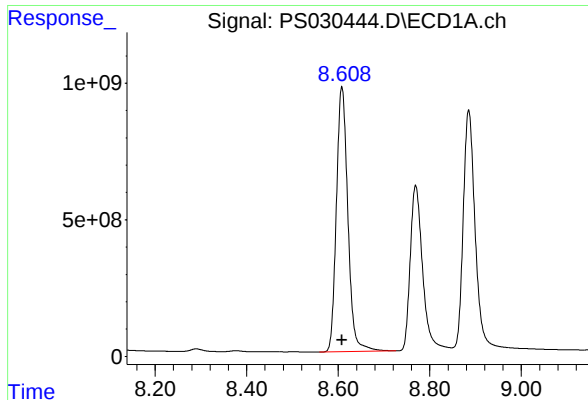
#10 Pentachlorophenol

R.T.: 8.054 min
Delta R.T.: -0.007 min
Response: 42137375250
Conc: 720.23 ng/ml



#10 Pentachlorophenol

R.T.: 8.962 min
Delta R.T.: -0.002 min
Response: 28213638306
Conc: 705.43 ng/ml



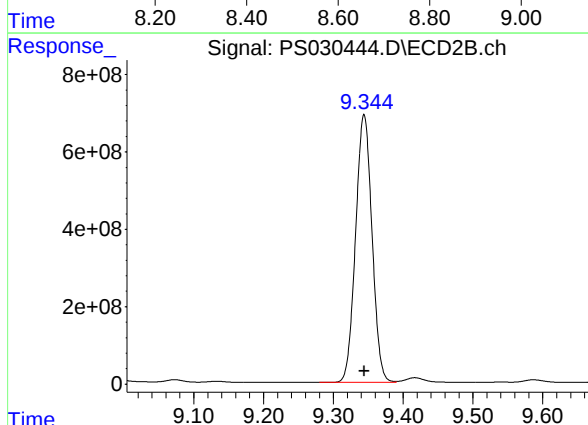
#11 2,4,5-TP (SILVEX)

R.T.: 8.608 min
Delta R.T.: 0.000 min
Response: 16869099101
Conc: 685.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

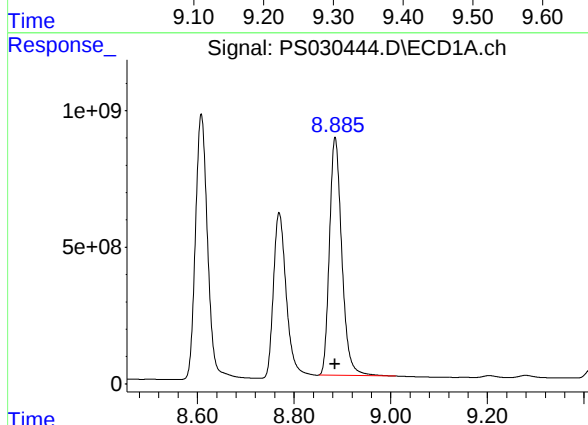
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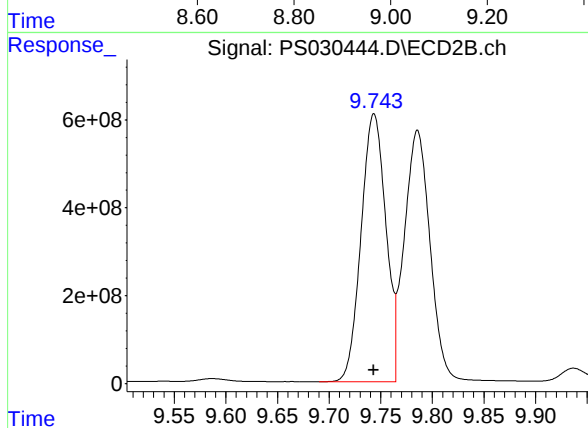
#11 2,4,5-TP (SILVEX)

R.T.: 9.344 min
Delta R.T.: 0.000 min
Response: 11325711933
Conc: 692.01 ng/ml



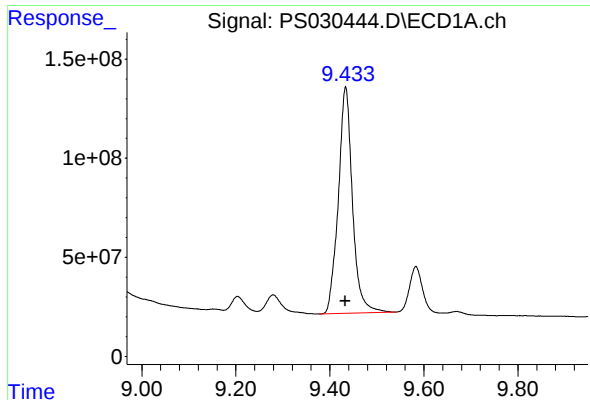
#12 2,4,5-T

R.T.: 8.885 min
Delta R.T.: 0.000 min
Response: 15417532673
Conc: 689.84 ng/ml



#12 2,4,5-T

R.T.: 9.743 min
Delta R.T.: 0.000 min
Response: 10202783472
Conc: 691.01 ng/ml



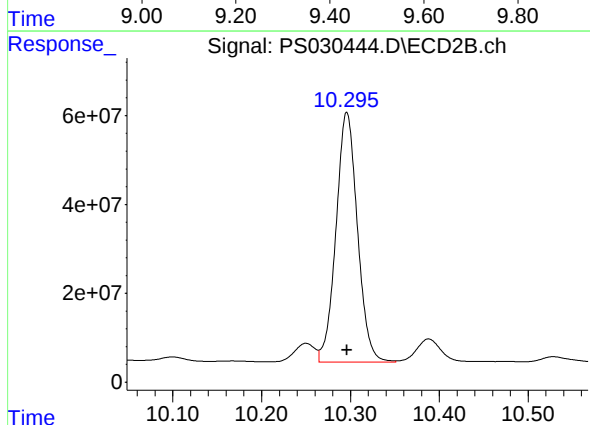
#13 2,4-DB

R.T.: 9.433 min
Delta R.T.: 0.000 min
Response: 2390616540
Conc: 682.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

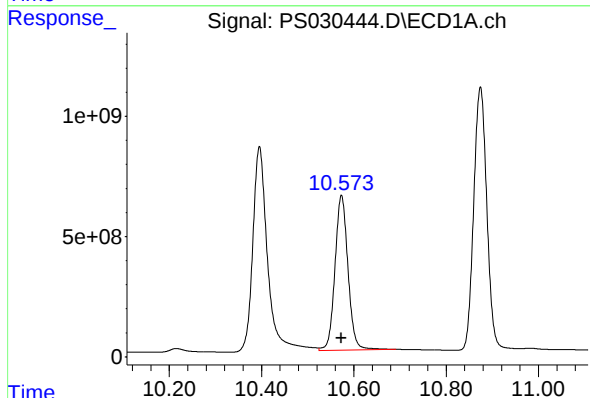
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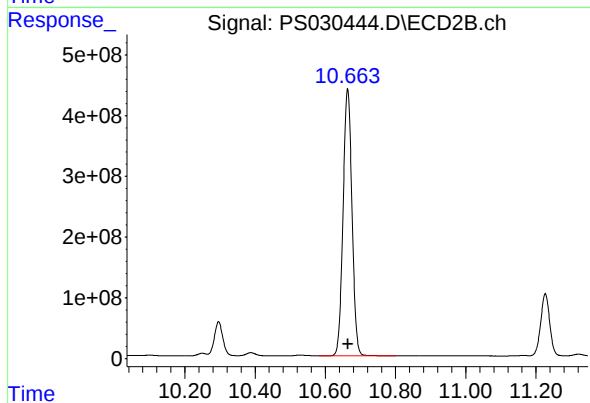
#13 2,4-DB

R.T.: 10.296 min
Delta R.T.: 0.000 min
Response: 944764857
Conc: 687.40 ng/ml



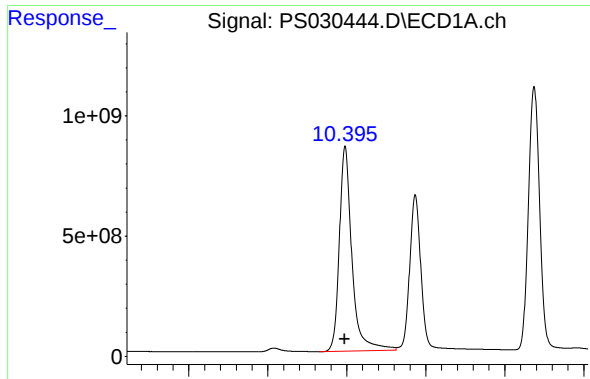
#14 DINOSEB

R.T.: 10.573 min
Delta R.T.: 0.000 min
Response: 12635285548
Conc: 677.61 ng/ml



#14 DINOSEB

R.T.: 10.664 min
Delta R.T.: 0.000 min
Response: 7751709858
Conc: 683.76 ng/ml



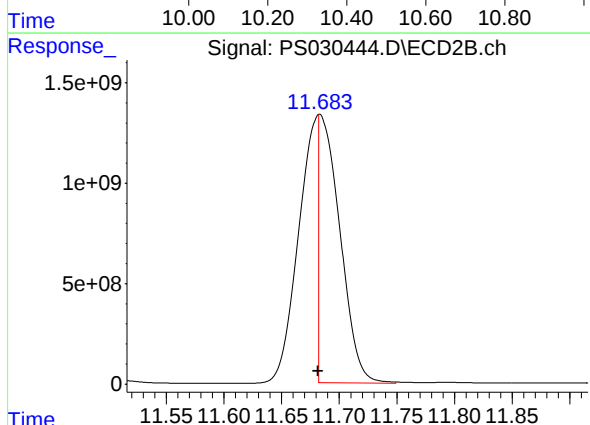
#15 Picloram

R.T.: 10.396 min
Delta R.T.: 0.001 min
Response: 18907984062
Conc: 687.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

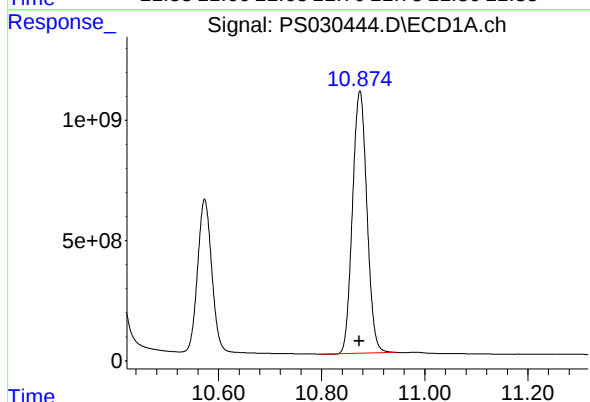
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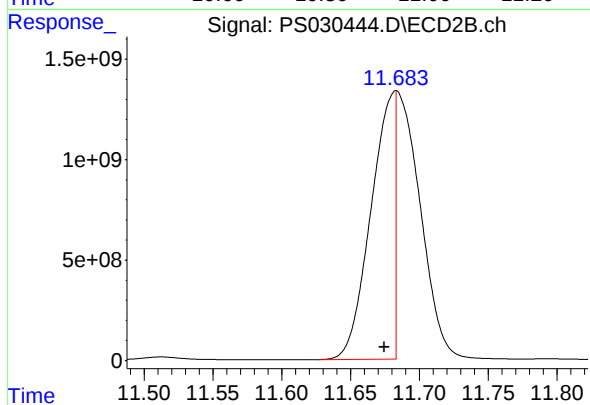
#15 Picloram

R.T.: 11.683 min
Delta R.T.: 0.002 min
Response: 16934000764
Conc: 676.97 ng/ml m



#16 DCPA

R.T.: 10.874 min
Delta R.T.: 0.000 min
Response: 21181915699
Conc: 690.26 ng/ml



#16 DCPA

R.T.: 11.683 min
Delta R.T.: 0.008 min
Response: 16245567664
Conc: 740.59 ng/ml m