

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061825\
 Data File : PS030750.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jun 2025 18:19
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/20/2025
 Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 05:17:09 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	7.349	7.770	2750.2E6	787.0E6	748.476	734.163
Target Compounds							
1) T	Dalapon	2.711	2.710	4177.1E6	1859.2E6	700.201	678.119
2) T	3,5-DICHL...	6.508	6.715	3745.9E6	1104.0E6	696.579	684.388
3) T	4-Nitroph...	7.148	7.302	1123.3E6	1179.4E6	712.384	680.356
5) T	DICAMBA	7.539	7.972	11052.5E6	4613.2E6	726.415	703.966
6) T	MCPD	7.721	8.071	703.7E6	159.6E6	74.957	76.089
7) T	MCPA	7.871	8.321	856.8E6	227.9E6	73.038	72.456
8) T	DICHLORPROP	8.253	8.691	2508.9E6	1054.8E6	669.791	670.777
9) T	2,4-D	8.486	9.026	2409.7E6	1182.7E6	699.594	695.960m
10) T	Pentachlo...	8.794	9.552	39117.7E6	27499.2E6	739.111	721.345
11) T	2,4,5-TP ...	9.374	9.933	14590.4E6	10164.1E6	728.412	704.435
12) T	2,4,5-T	9.669	10.359	12498.6E6	9735.2E6	759.648	712.439
13) T	2,4-DB	10.247	10.927	1846.9E6	834.8E6	805.257	705.725
14) T	DINOSEB	11.466	11.312	10009.0E6	7481.4E6	721.463	693.930
15) T	Picloram	11.275	12.421	12037.9E6	16501.9E6	748.804	710.022
16) T	DCPA	11.761	12.356	19087.1E6	15841.0E6	745.117	718.647m

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

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Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

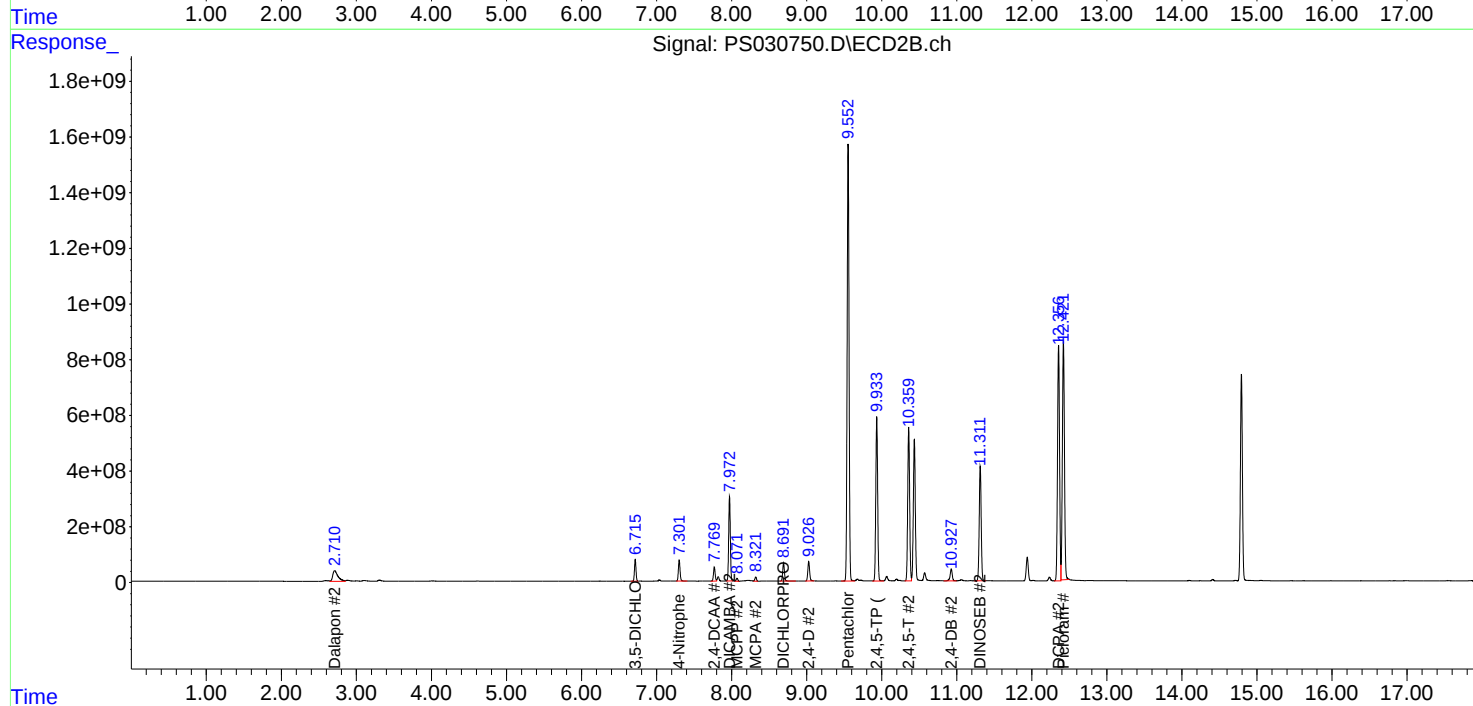
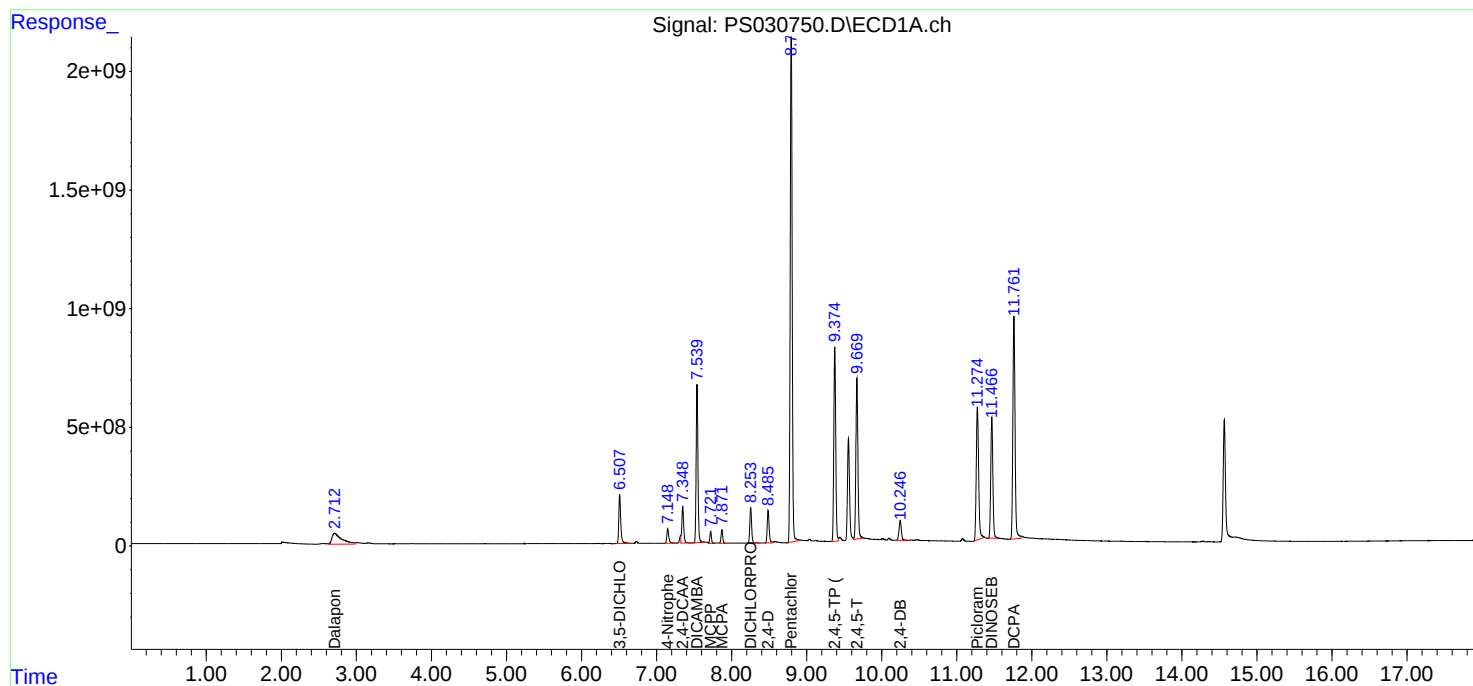
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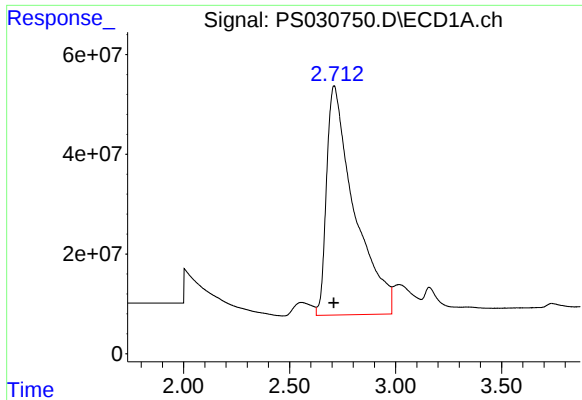
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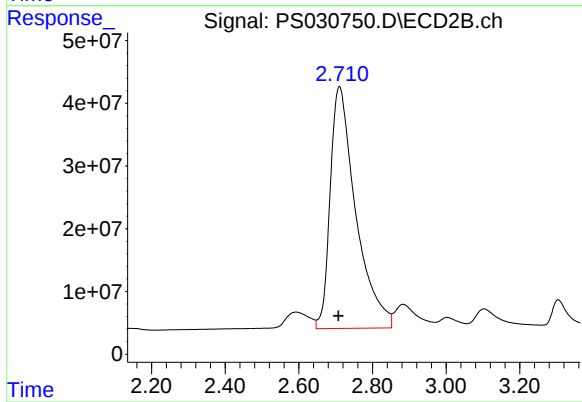
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.003 min
Response: 4177140626
Conc: 700.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

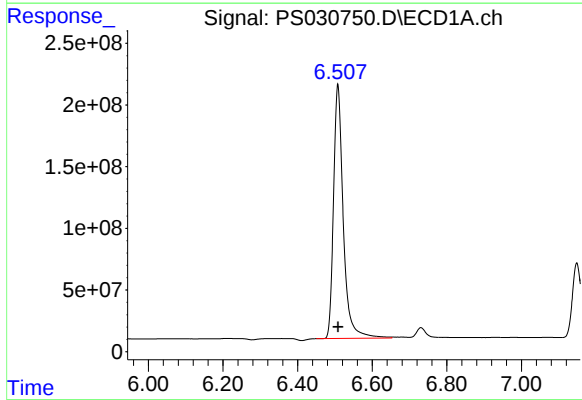
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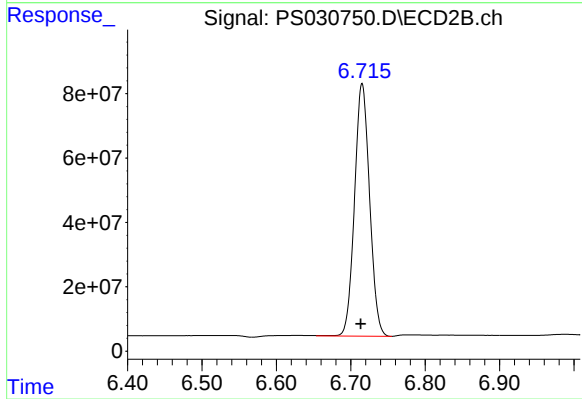
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.003 min
Response: 1859229117
Conc: 678.12 ng/ml



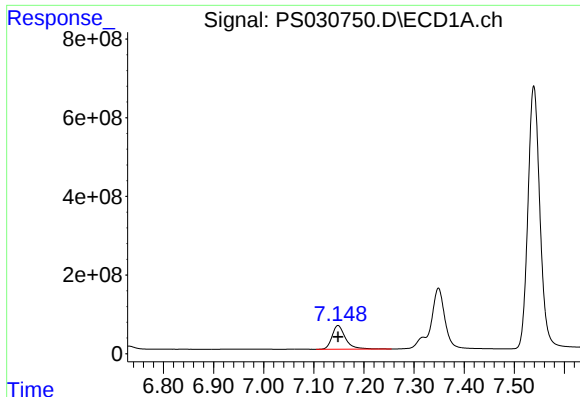
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 3745892179
Conc: 696.58 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.002 min
Response: 1104019904
Conc: 684.39 ng/ml



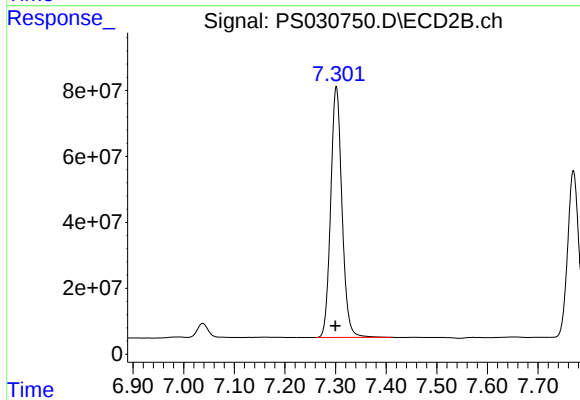
#3 4-Nitrophenol

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 1123264377
Conc: 712.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

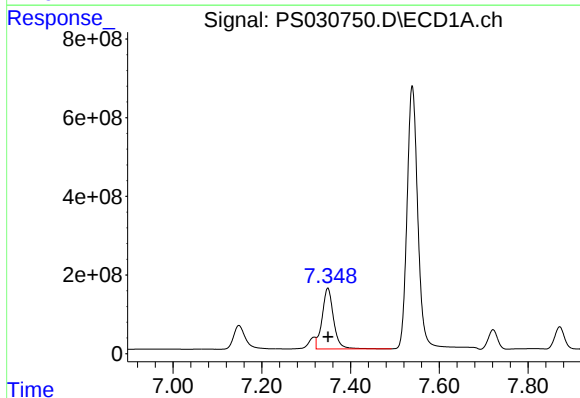
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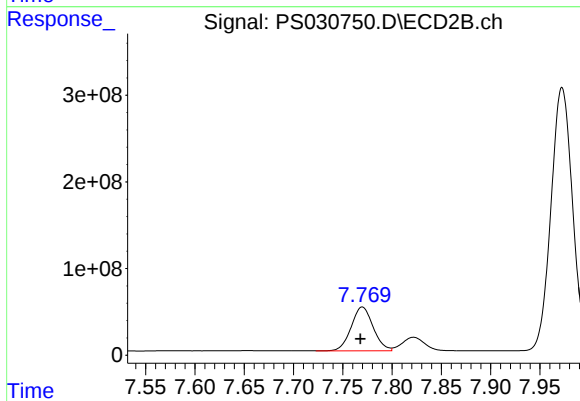
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: 0.002 min
Response: 1179420802
Conc: 680.36 ng/ml



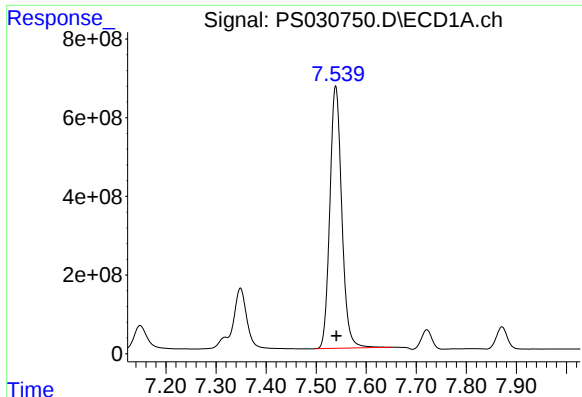
#4 2,4-DCAA

R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 2750194990
Conc: 748.48 ng/ml



#4 2,4-DCAA

R.T.: 7.770 min
Delta R.T.: 0.002 min
Response: 786996173
Conc: 734.16 ng/ml



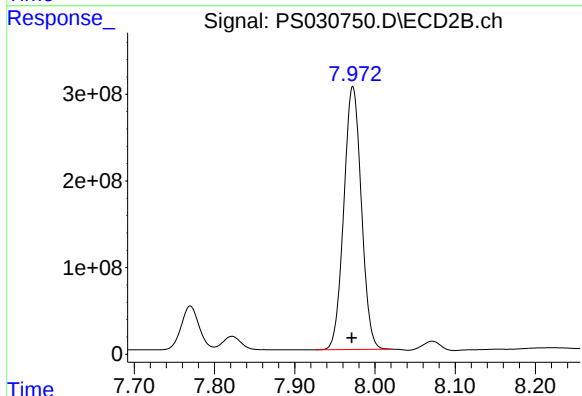
#5 DICAMBA

R.T.: 7.539 min
Delta R.T.: -0.001 min
Response: 11052467058
Conc: 726.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

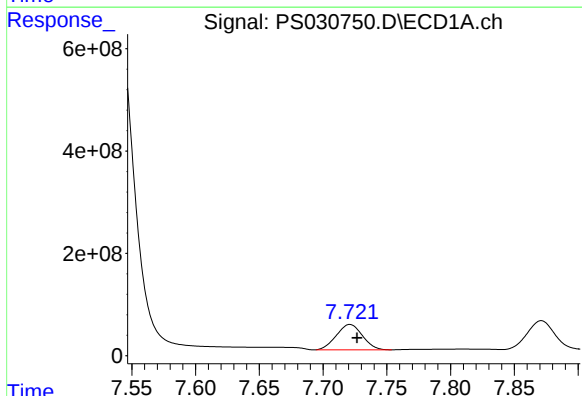
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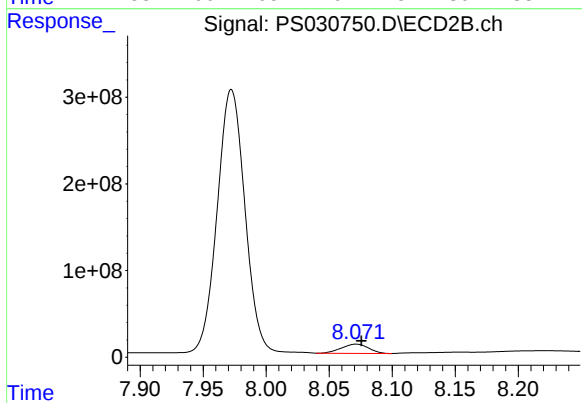
#5 DICAMBA

R.T.: 7.972 min
Delta R.T.: 0.001 min
Response: 4613237374
Conc: 703.97 ng/ml



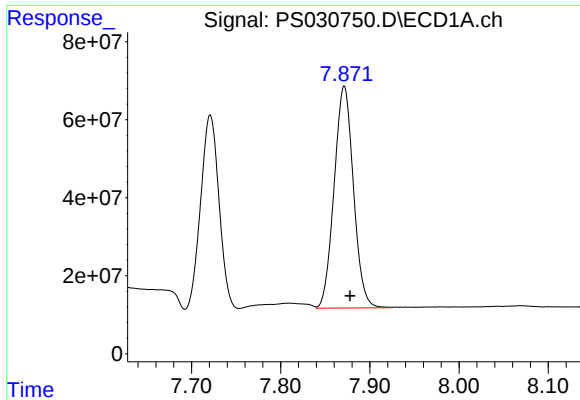
#6 MCP

R.T.: 7.721 min
Delta R.T.: -0.006 min
Response: 703723774
Conc: 74.96 ug/ml



#6 MCP

R.T.: 8.071 min
Delta R.T.: -0.004 min
Response: 159583219
Conc: 76.09 ug/ml



#7 MCPA

R.T.: 7.871 min
Delta R.T.: -0.007 min
Response: 856775368
Conc: 73.04 ug/ml

Instrument :

ECD_S

ClientSampleId :

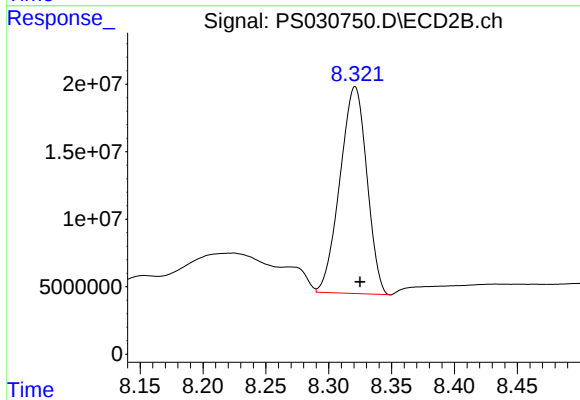
HSTDCCC750

Manual Integrations

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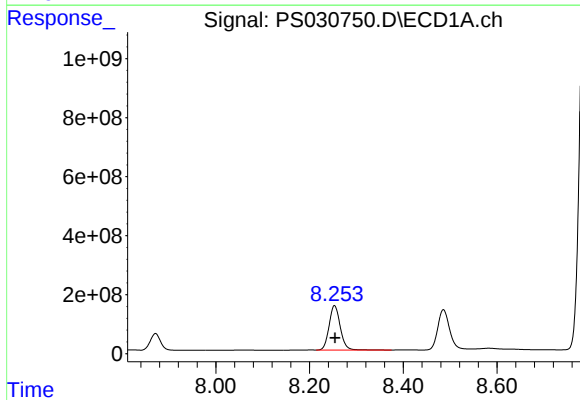
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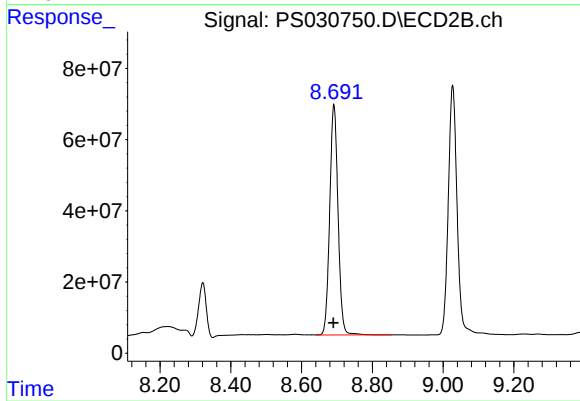
#7 MCPA

R.T.: 8.321 min
Delta R.T.: -0.004 min
Response: 227926685
Conc: 72.46 ug/ml



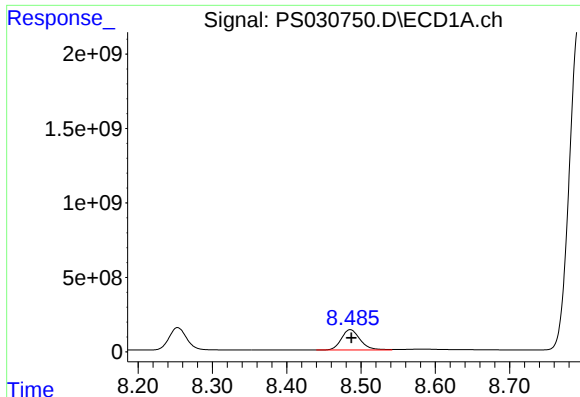
#8 DICHLORPROP

R.T.: 8.253 min
Delta R.T.: -0.001 min
Response: 2508879017
Conc: 669.79 ng/ml



#8 DICHLORPROP

R.T.: 8.691 min
Delta R.T.: 0.001 min
Response: 1054794400
Conc: 670.78 ng/ml



#9 2,4-D

R.T.: 8.486 min
Delta R.T.: -0.001 min
Response: 2409691348
Conc: 699.59 ng/ml

Instrument :

ECD_S

ClientSampleId :

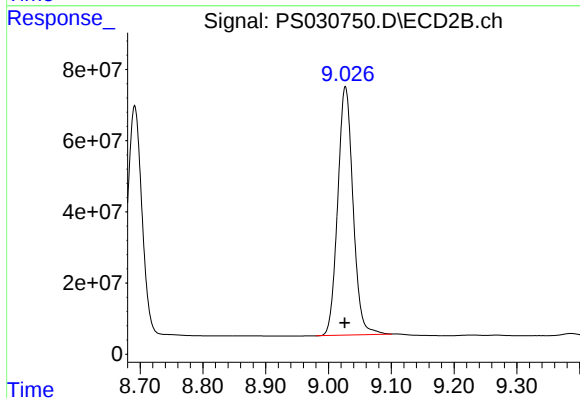
HSTDCCC750

Manual Integrations

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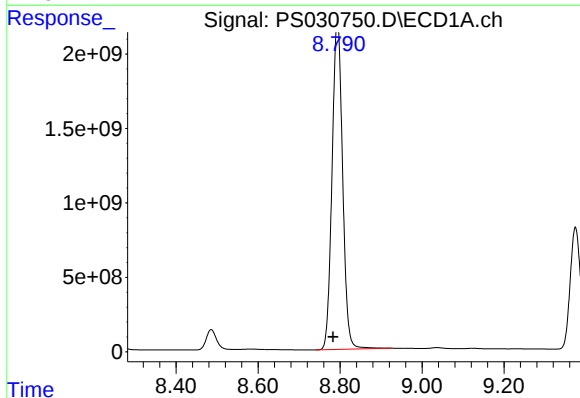
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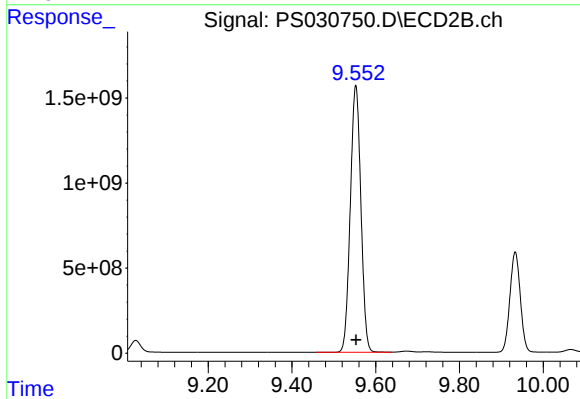
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 1182717731
Conc: 695.96 ng/ml m



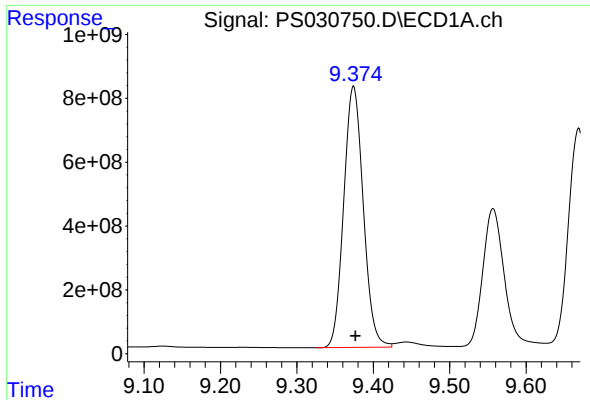
#10 Pentachlorophenol

R.T.: 8.794 min
Delta R.T.: 0.011 min
Response: 39117742307
Conc: 739.11 ng/ml



#10 Pentachlorophenol

R.T.: 9.552 min
Delta R.T.: 0.000 min
Response: 27499199708
Conc: 721.35 ng/ml



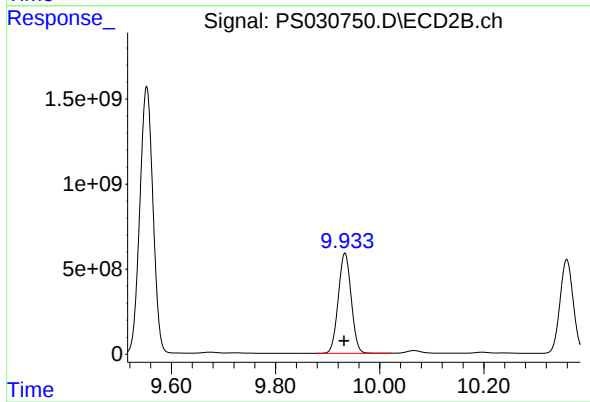
#11 2,4,5-TP (SILVEX)

R.T.: 9.374 min
Delta R.T.: -0.002 min
Response: 14590381661
Conc: 728.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

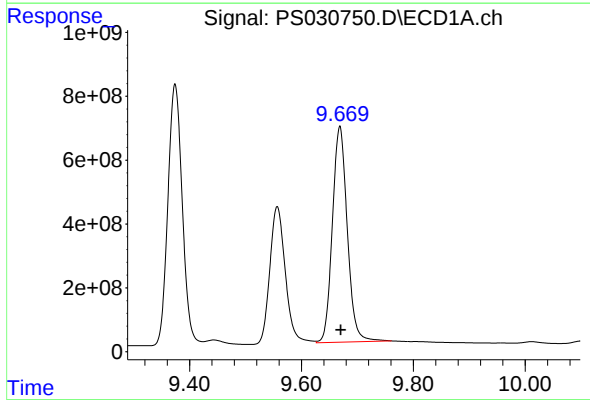
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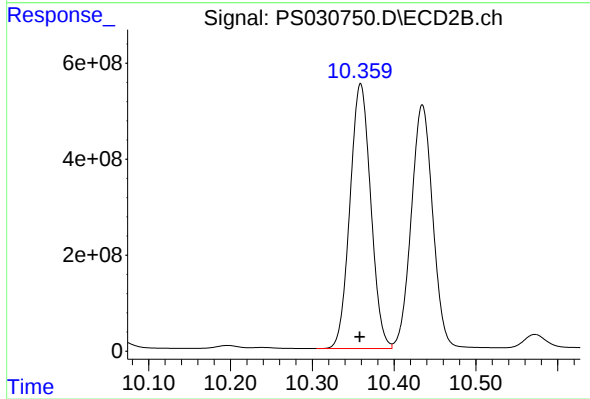
#11 2,4,5-TP (SILVEX)

R.T.: 9.933 min
Delta R.T.: 0.001 min
Response: 10164085602
Conc: 704.44 ng/ml



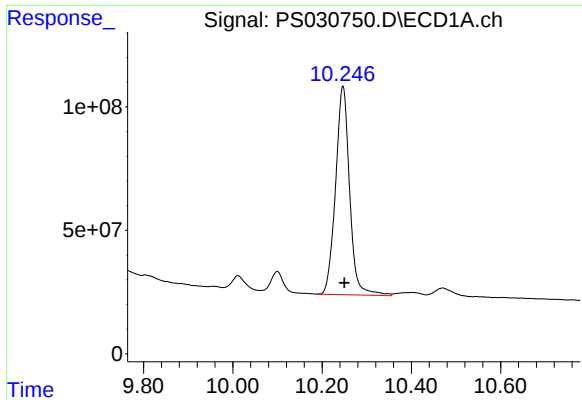
#12 2,4,5-T

R.T.: 9.669 min
Delta R.T.: -0.001 min
Response: 12498604761
Conc: 759.65 ng/ml



#12 2,4,5-T

R.T.: 10.359 min
Delta R.T.: 0.001 min
Response: 9735214529
Conc: 712.44 ng/ml



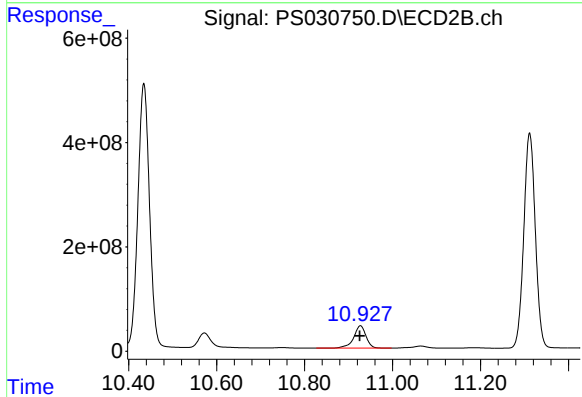
#13 2,4-DB

R.T.: 10.247 min
Delta R.T.: -0.003 min
Response: 1846859460
Conc: 805.26 ng/ml

Instrument :
ECD_S
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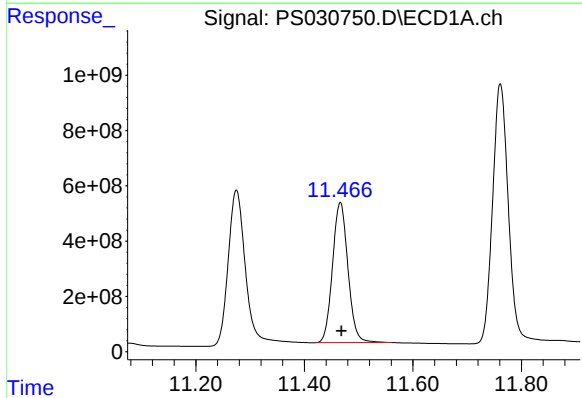
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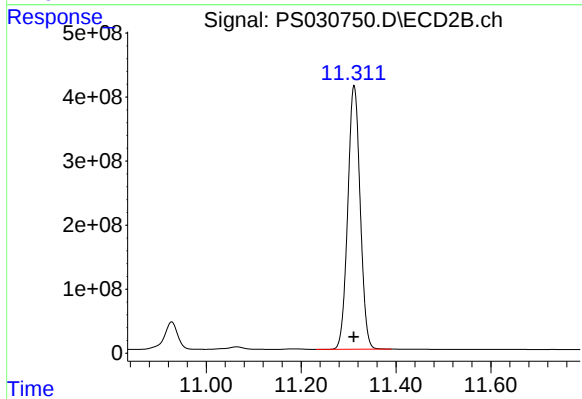
#13 2,4-DB

R.T.: 10.927 min
Delta R.T.: 0.002 min
Response: 834804059
Conc: 705.72 ng/ml



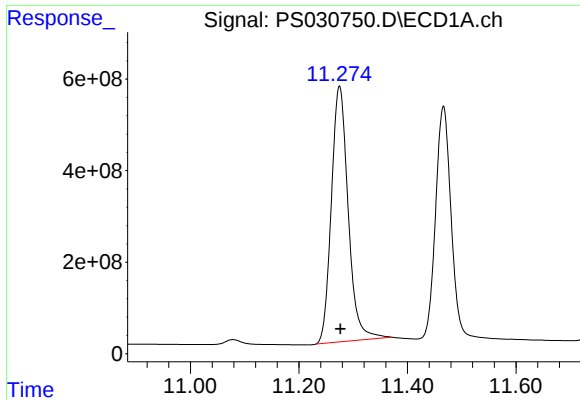
#14 DINOSEB

R.T.: 11.466 min
Delta R.T.: -0.002 min
Response: 10008989894
Conc: 721.46 ng/ml



#14 DINOSEB

R.T.: 11.312 min
Delta R.T.: 0.000 min
Response: 7481434025
Conc: 693.93 ng/ml



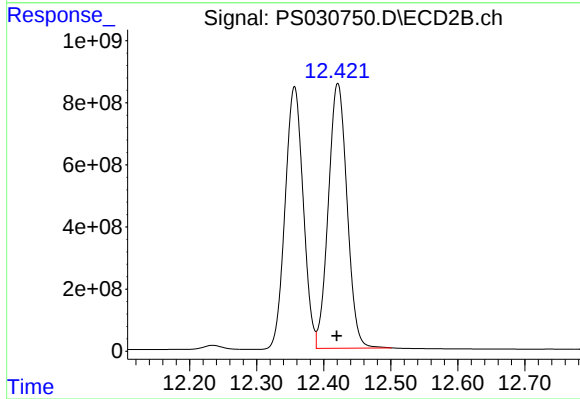
#15 Picloram

R.T.: 11.275 min
Delta R.T.: -0.002 min
Response: 12037850328
Conc: 748.80 ng/ml

Instrument :
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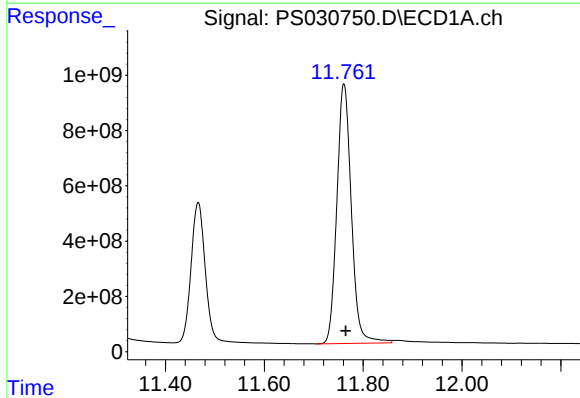
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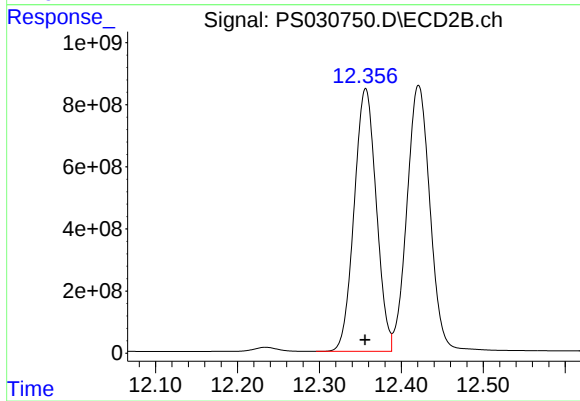
#15 Picloram

R.T.: 12.421 min
Delta R.T.: 0.002 min
Response: 16501928901
Conc: 710.02 ng/ml



#16 DCPA

R.T.: 11.761 min
Delta R.T.: -0.004 min
Response: 19087104636
Conc: 745.12 ng/ml



#16 DCPA

R.T.: 12.356 min
Delta R.T.: 0.000 min
Response: 15840992294
Conc: 718.65 ng/ml m