

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062025\
 Data File : PS030768.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2025 10:30
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/23/2025
 Supervised By :mohammad ahmed 06/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 11:46:41 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	7.345	7.769	2657.0E6	783.5E6	723.110m	730.893
Target Compounds							
1) T	Dalapon	2.705	2.711	4012.6E6	1802.1E6	672.621	657.298
2) T	3,5-DICHL...	6.505	6.715	3665.6E6	1096.0E6	681.652	679.422
3) T	4-Nitroph...	7.145	7.301	1077.2E6	1169.2E6	683.192	674.449
5) T	DICAMBA	7.536	7.971	10832.1E6	4593.4E6	711.934	700.942
6) T	MCPD	7.718	8.070	661.3E6	160.1E6	70.433	76.333
7) T	MCPA	7.869	8.319	834.1E6	225.0E6	71.107	71.519
8) T	DICHLORPROP	8.250	8.690	2480.6E6	1054.9E6	662.251	670.868
9) T	2,4-D	8.483	9.026	2363.2E6	1144.4E6	686.095	673.395
10) T	Pentachlo...	8.790	9.551	38541.2E6	27620.9E6	728.217	724.537
11) T	2,4,5-TP ...	9.370	9.932	14327.4E6	10236.7E6	715.282	709.466
12) T	2,4,5-T	9.665	10.358	12142.6E6	9844.6E6	738.012	720.447
13) T	2,4-DB	10.243	10.925	1792.9E6	833.8E6	781.721	704.910
14) T	DINOSEB	11.462	11.310	9795.9E6	7592.8E6	706.107	704.257
15) T	Picloram	11.271	12.419	11819.0E6	17162.3E6	735.192	738.436
16) T	DCPA	11.758	12.354	18749.0E6	16192.5E6	731.918	734.594m

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

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Acq On : 20 Jun 2025 10:30
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

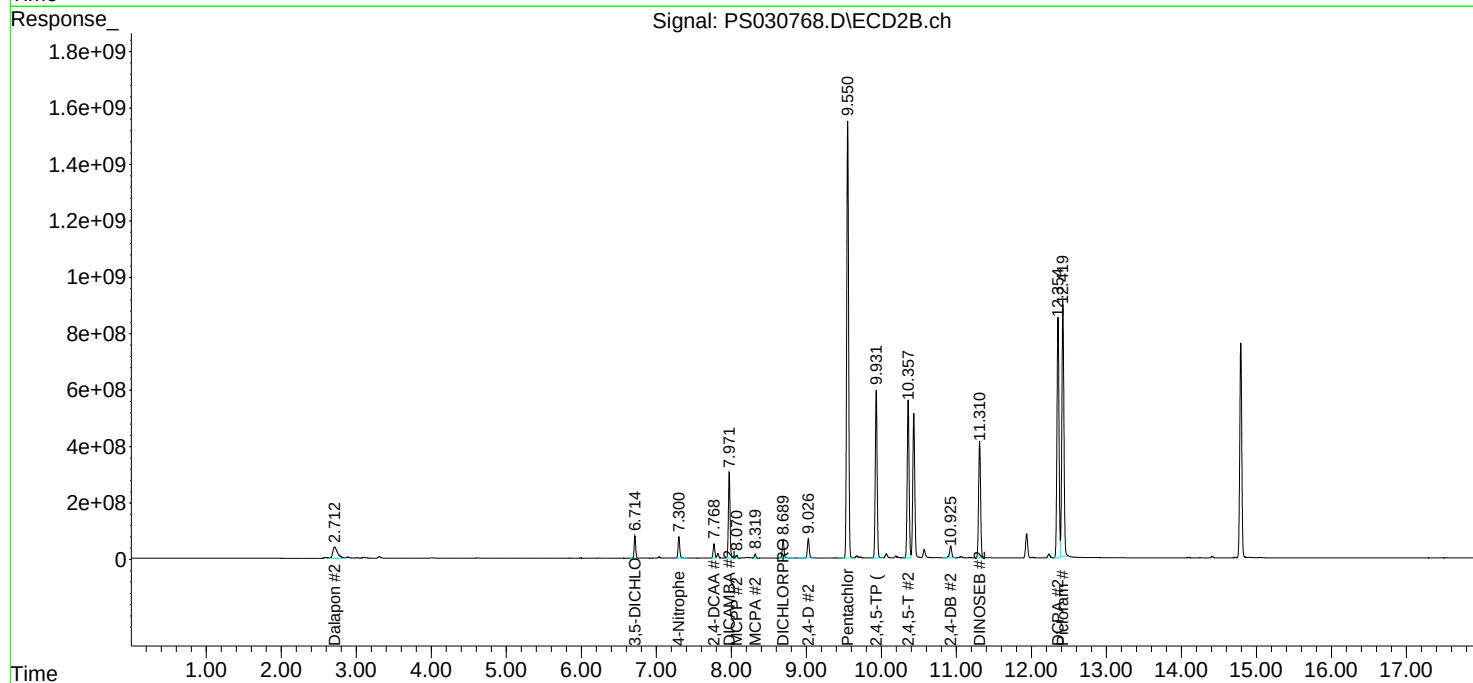
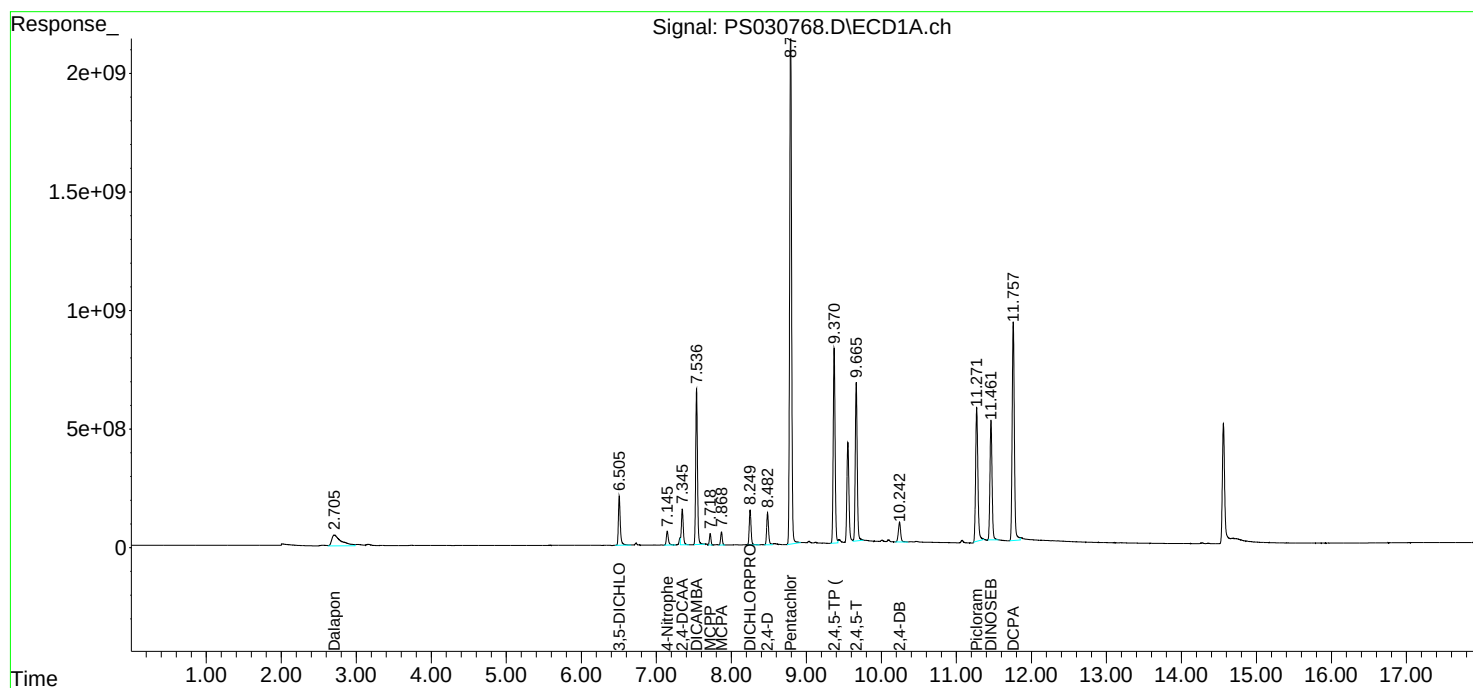
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

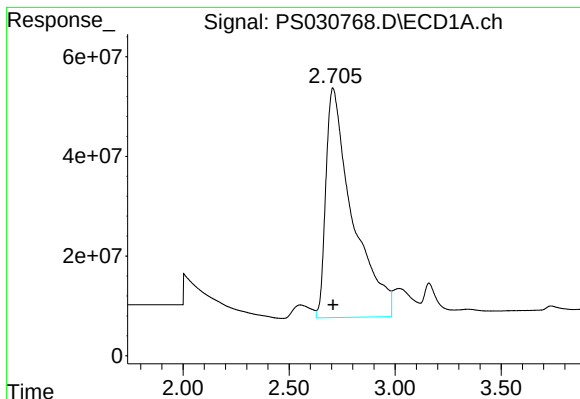
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#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.003 min
Response: 4012607570
Conc: 672.62 ng/ml

Instrument :

ECD_S

ClientSampleId :

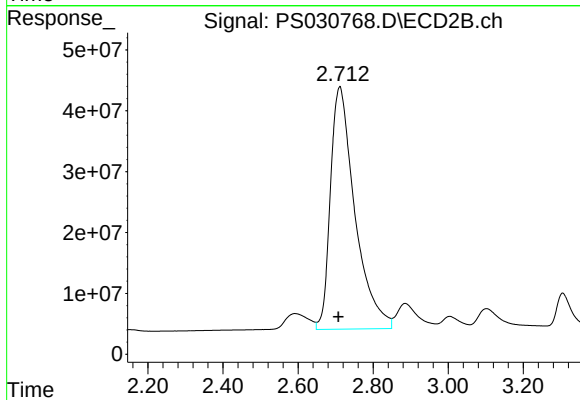
HSTDCCC750

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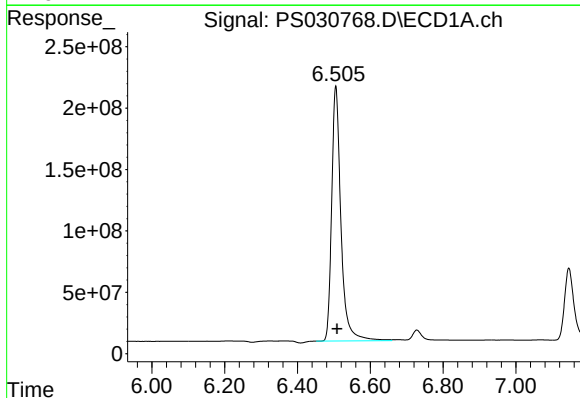
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Supervised By :mohammad ahmed 06/24/2025



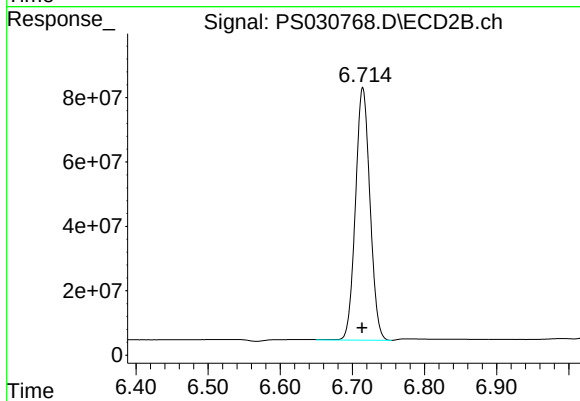
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.004 min
Response: 1802142386
Conc: 657.30 ng/ml



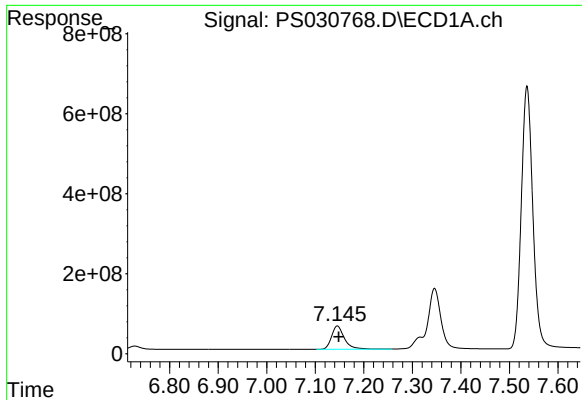
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.505 min
Delta R.T.: -0.003 min
Response: 3665620249
Conc: 681.65 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.001 min
Response: 1096009547
Conc: 679.42 ng/ml



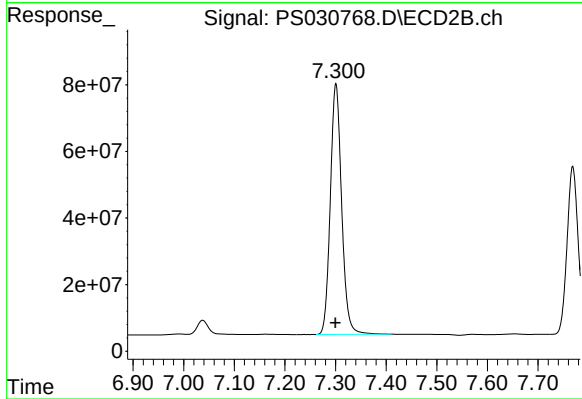
#3 4-Nitrophenol

R.T.: 7.145 min
Delta R.T.: -0.003 min
Response: 1077235035
Conc: 683.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

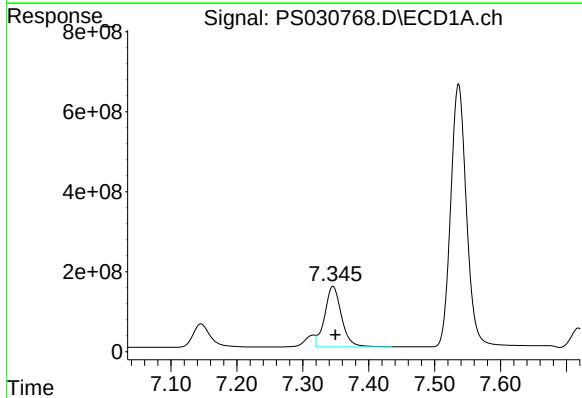
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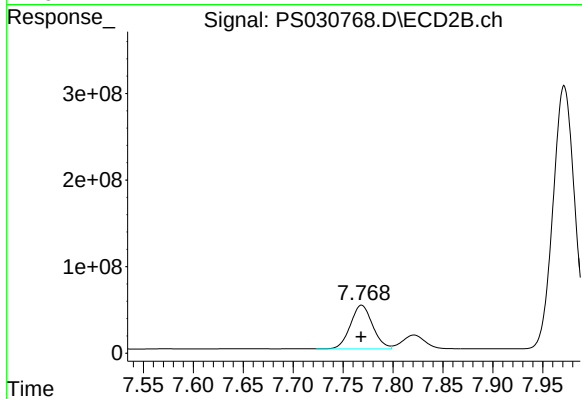
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.001 min
Response: 1169181193
Conc: 674.45 ng/ml



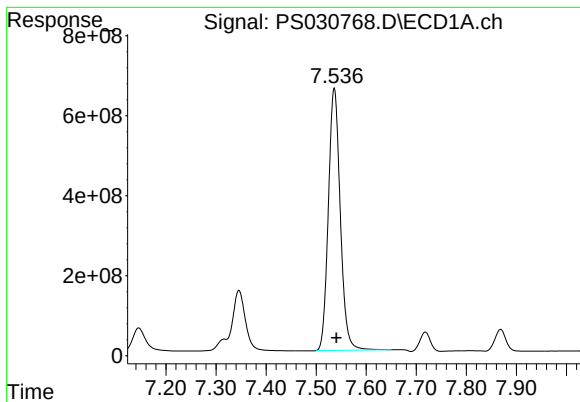
#4 2,4-DCAA

R.T.: 7.345 min
Delta R.T.: -0.004 min
Response: 2656991194
Conc: 723.11 ng/ml m



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 783491349
Conc: 730.89 ng/ml



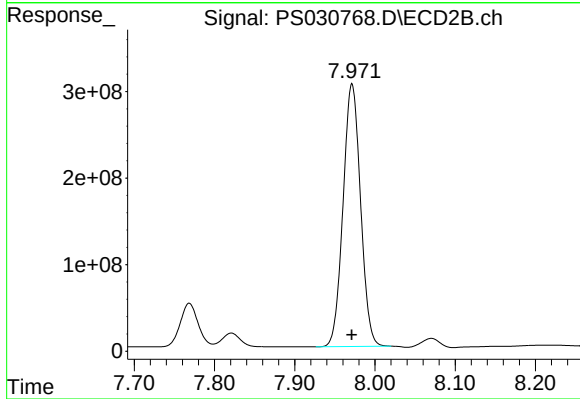
#5 DICAMBA

R.T.: 7.536 min
Delta R.T.: -0.004 min
Response: 10832138861
Conc: 711.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

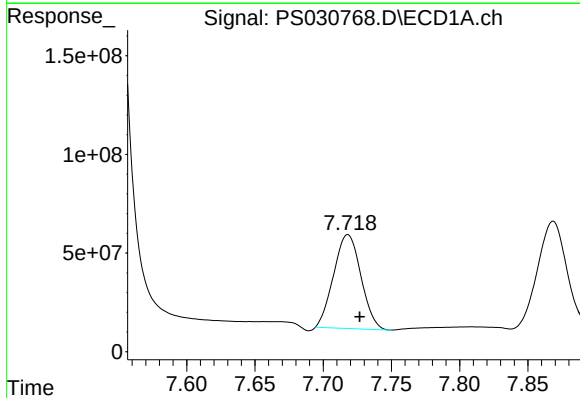
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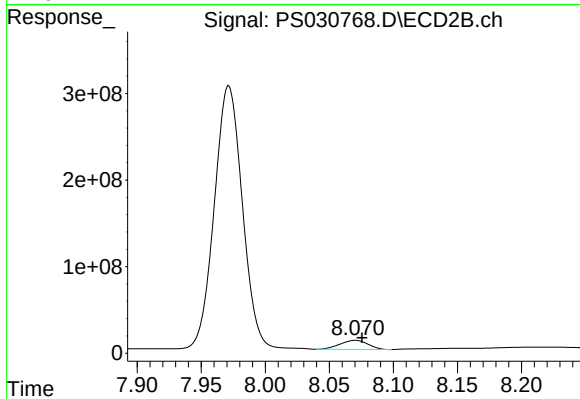
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 4593422880
Conc: 700.94 ng/ml



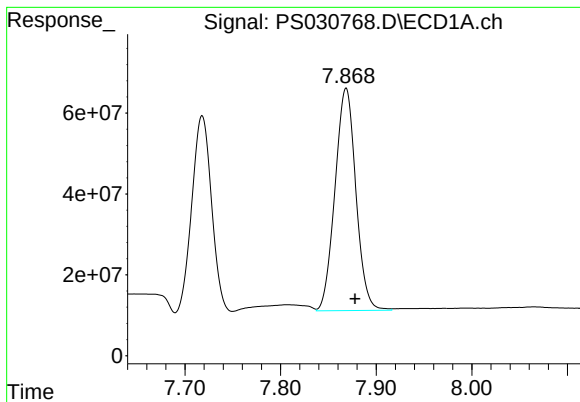
#6 MCP

R.T.: 7.718 min
Delta R.T.: -0.009 min
Response: 661251959
Conc: 70.43 ug/ml



#6 MCP

R.T.: 8.070 min
Delta R.T.: -0.006 min
Response: 160094889
Conc: 76.33 ug/ml



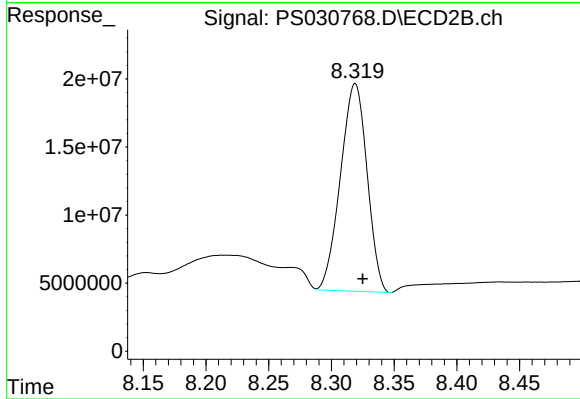
#7 MCPA

R.T.: 7.869 min
Delta R.T.: -0.010 min
Response: 834129951
Conc: 71.11 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

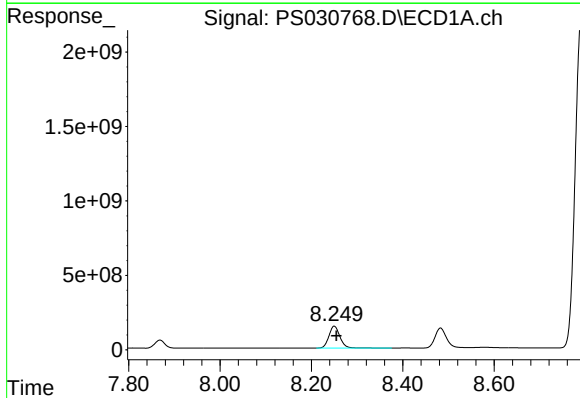
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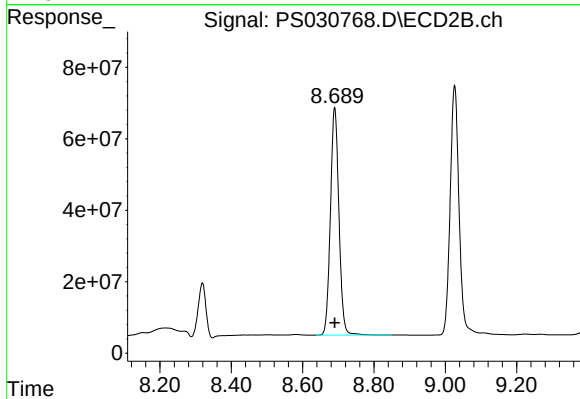
#7 MCPA

R.T.: 8.319 min
Delta R.T.: -0.006 min
Response: 224981101
Conc: 71.52 ug/ml



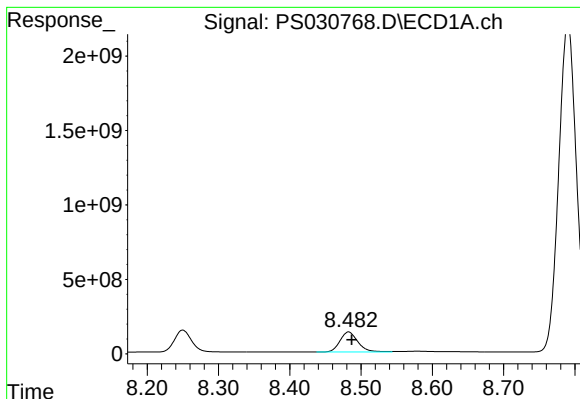
#8 DICHLORPROP

R.T.: 8.250 min
Delta R.T.: -0.005 min
Response: 2480635559
Conc: 662.25 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 1054937695
Conc: 670.87 ng/ml



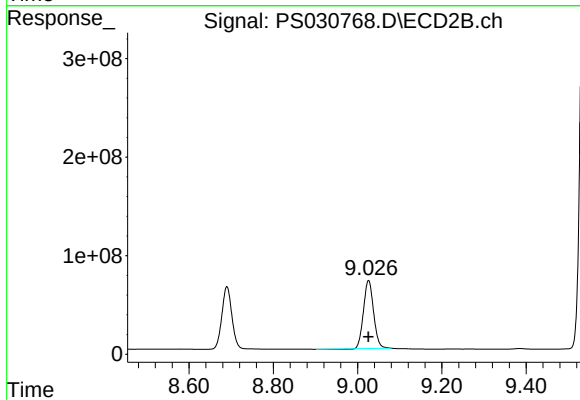
#9 2,4-D

R.T.: 8.483 min
Delta R.T.: -0.004 min
Response: 2363193942
Conc: 686.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

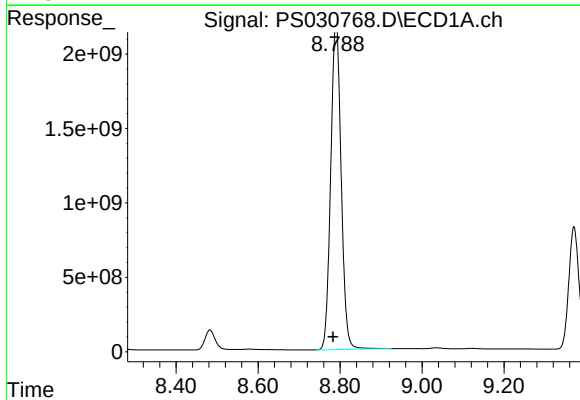
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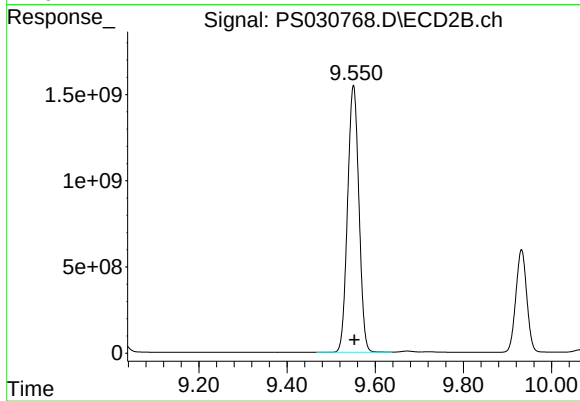
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 1144371656
Conc: 673.40 ng/ml



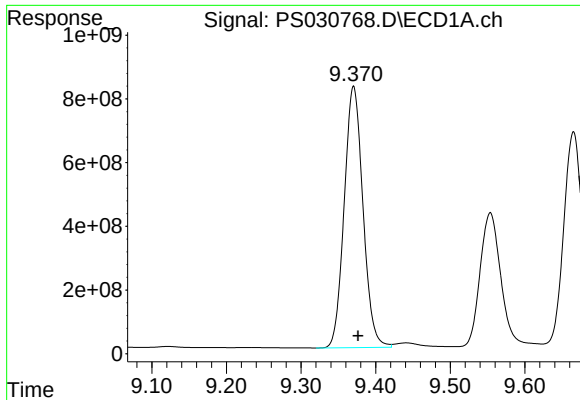
#10 Pentachlorophenol

R.T.: 8.790 min
Delta R.T.: 0.007 min
Response: 38541187452
Conc: 728.22 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 27620876681
Conc: 724.54 ng/ml



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

R.T.: 9.370 min
Delta R.T.: -0.006 min
Response: 14327396257
Conc: 715.28 ng/ml

Instrument :

ECD_S

ClientSampleId :

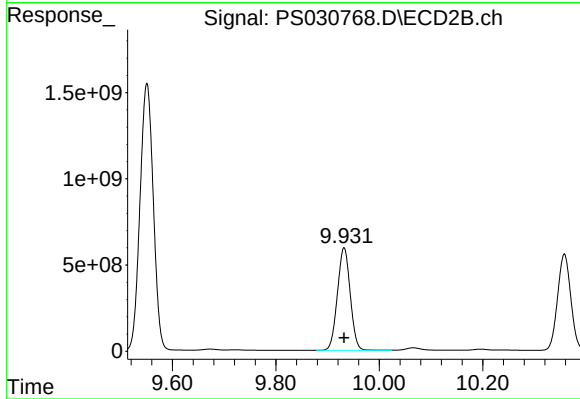
HSTDCCC750

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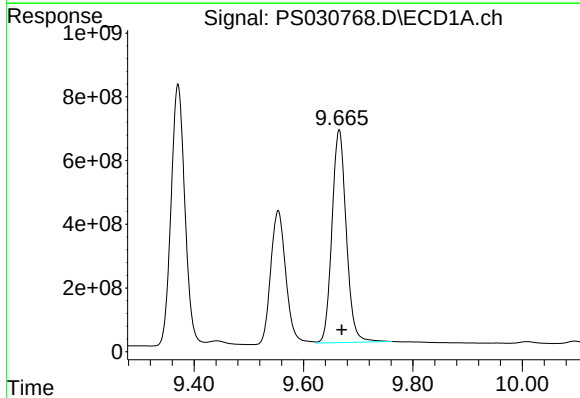
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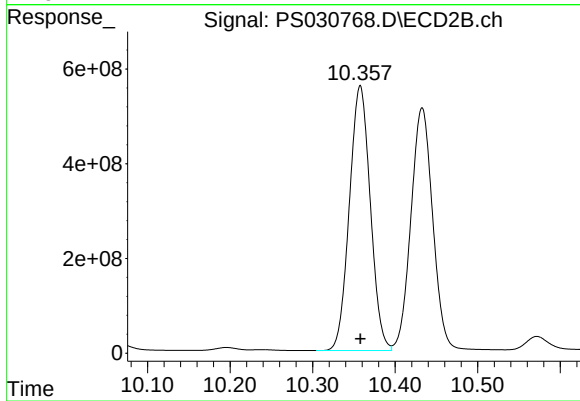
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 10236679628
Conc: 709.47 ng/ml



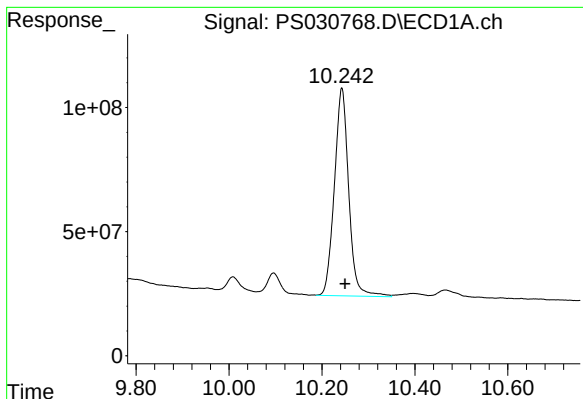
#12 2,4,5-T

R.T.: 9.665 min
Delta R.T.: -0.005 min
Response: 12142629387
Conc: 738.01 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: 0.000 min
Response: 9844642487
Conc: 720.45 ng/ml



#13 2,4-DB

R.T.: 10.243 min
Delta R.T.: -0.007 min
Response: 1792878104
Conc: 781.72 ng/ml

Instrument :

ECD_S

ClientSampleId :

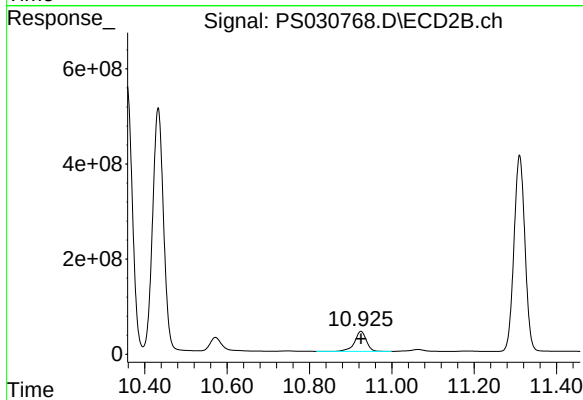
HSTDCCC750

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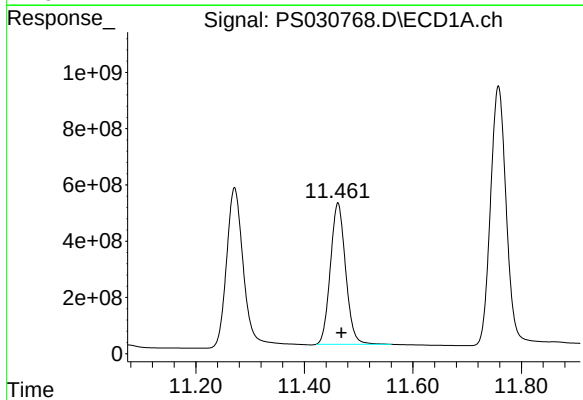
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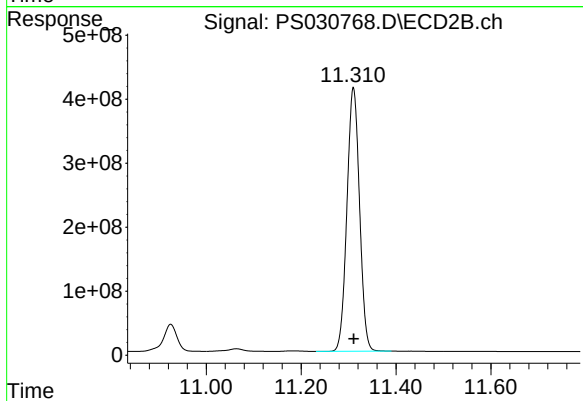
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 833840992
Conc: 704.91 ng/ml



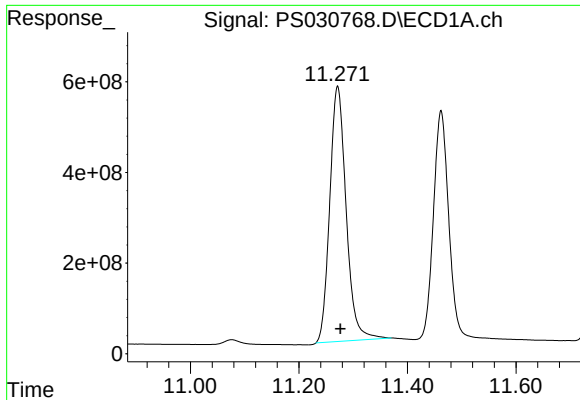
#14 DINOSEB

R.T.: 11.462 min
Delta R.T.: -0.006 min
Response: 9795949938
Conc: 706.11 ng/ml



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 7592765643
Conc: 704.26 ng/ml



#15 Picloram

R.T.: 11.271 min
Delta R.T.: -0.005 min
Response: 11819027390
Conc: 735.19 ng/ml

Instrument :

ECD_S

ClientSampleId :

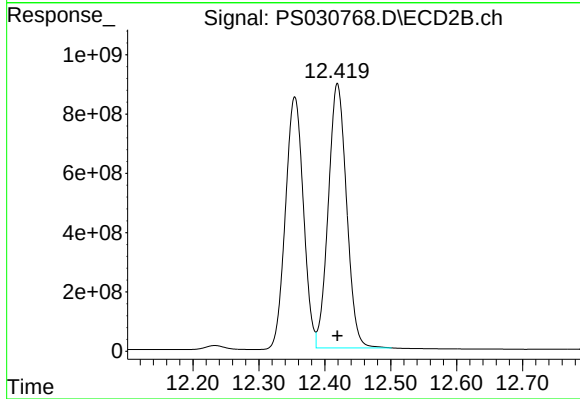
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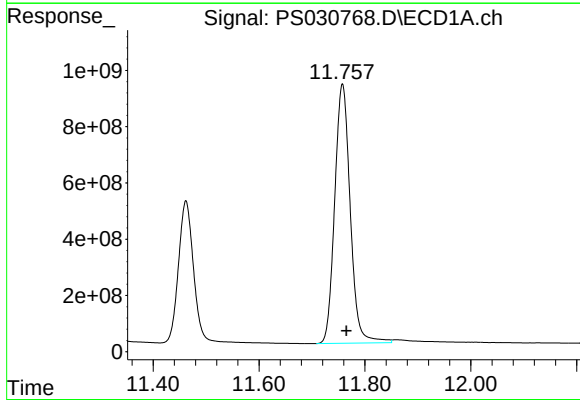
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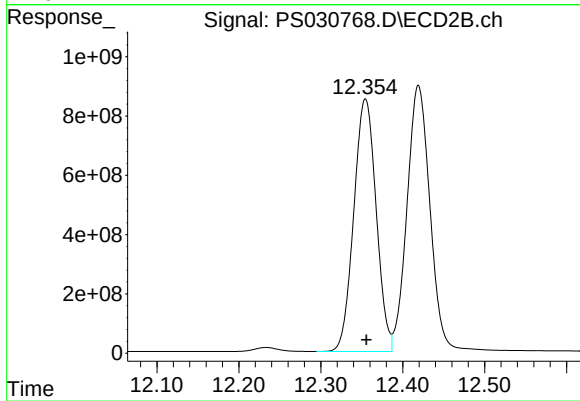
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 17162311848
Conc: 738.44 ng/ml



#16 DCPA

R.T.: 11.758 min
Delta R.T.: -0.007 min
Response: 18748991126
Conc: 731.92 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: -0.002 min
Response: 16192509602
Conc: 734.59 ng/ml m