

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061925\
 Data File : PS030765.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2025 20:05
 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 23:06:42 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	7.347	7.771	2798.0E6	826.0E6	761.479m	770.557
Target Compounds							
1) T	Dalapon	2.709	2.712	4172.4E6	1896.1E6	699.400	691.565
2) T	3,5-DICHL...	6.507	6.716	3844.5E6	1161.6E6	714.913	720.085
3) T	4-Nitroph...	7.147	7.303	1109.6E6	1213.1E6	703.703	699.803
5) T	DICAMBA	7.538	7.974	11323.3E6	4853.7E6	744.217	740.658
6) T	MCPD	7.721	8.073	723.3E6	166.8E6	77.041	79.522
7) T	MCPA	7.871	8.322	877.9E6	241.8E6	74.836	76.850
8) T	DICHLORPROP	8.253	8.693	2583.4E6	1100.0E6	689.675	699.553
9) T	2,4-D	8.485	9.028	2433.2E6	1207.1E6	706.429	710.317
10) T	Pentachlo...	8.793	9.554	39992.6E6	28986.7E6	755.641	760.365
11) T	2,4,5-TP ...	9.374	9.934	14906.7E6	10754.6E6	744.202	745.361
12) T	2,4,5-T	9.667	10.360	12488.0E6	10364.9E6	759.001	758.520
13) T	2,4-DB	10.246	10.928	1848.8E6	877.2E6	806.082	741.571
14) T	DINOSEB	11.464	11.313	9976.0E6	7769.1E6	719.082	720.609
15) T	Picloram	11.274	12.422	12094.4E6	17944.6E6	752.319	772.097
16) T	DCPA	11.761	12.358	19627.0E6	16830.6E6	766.193	763.540m

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

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Acq On : 19 Jun 2025 20:05
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

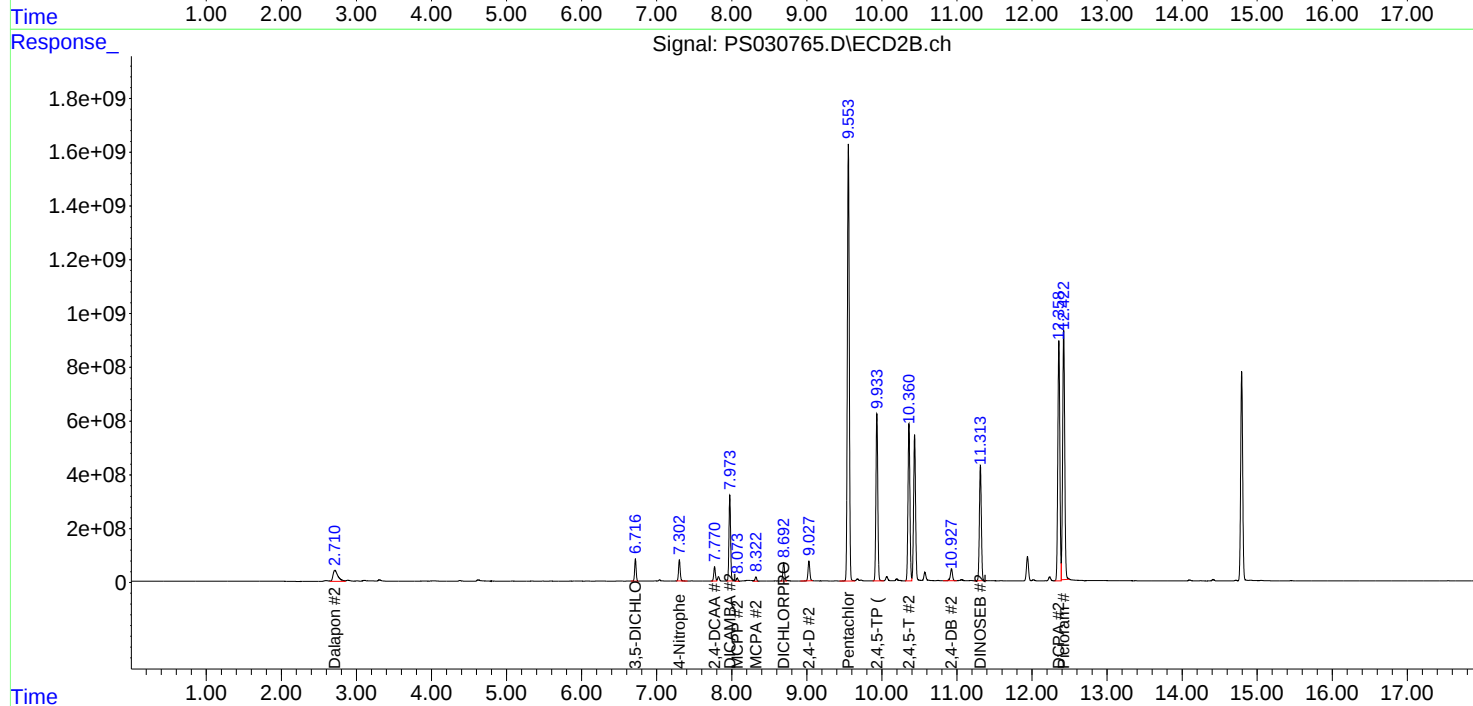
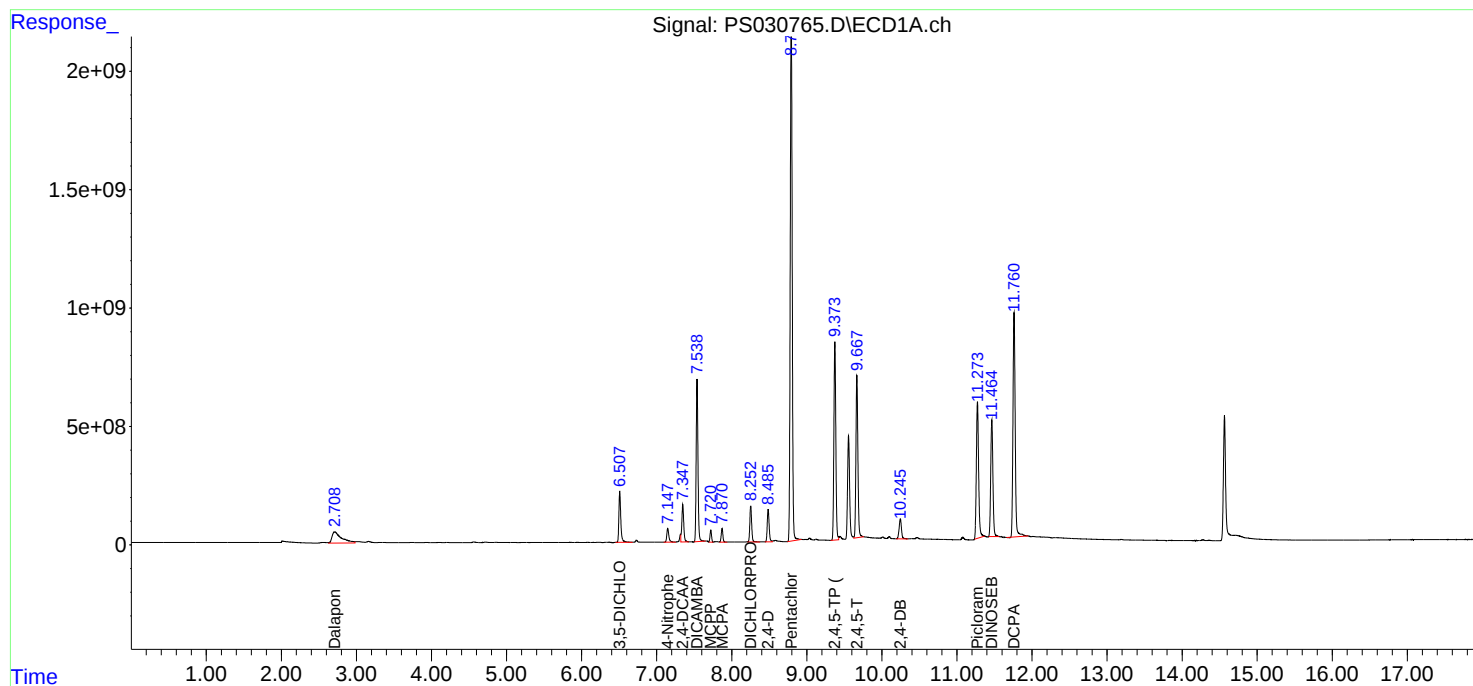
Instrument :
ECD_S
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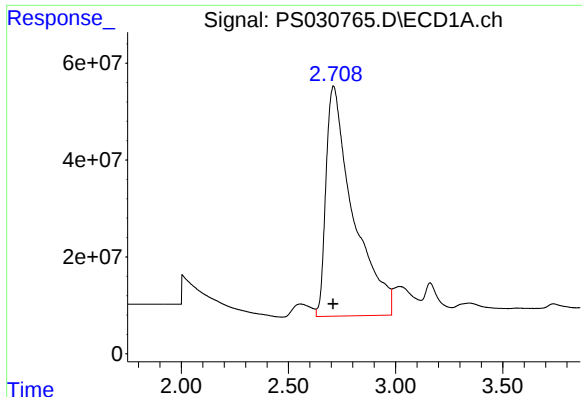
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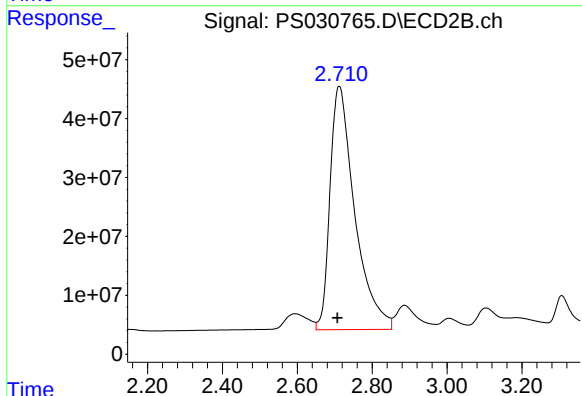
#1 Dalapon

R.T.: 2.709 min
Delta R.T.: 0.001 min
Response: 4172360604
Conc: 699.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

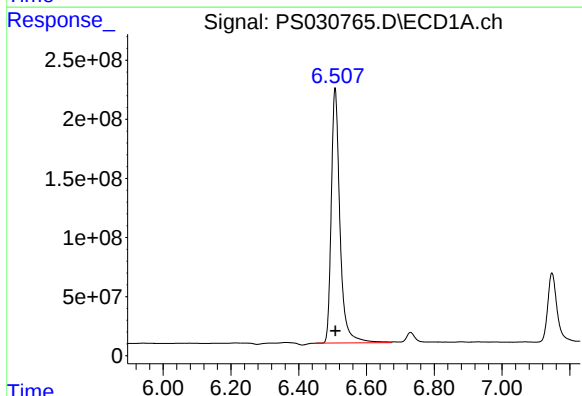
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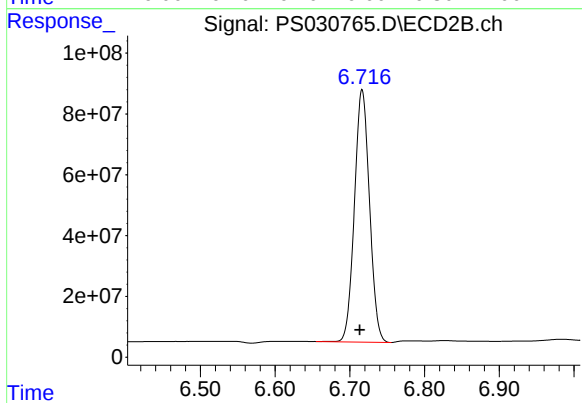
#1 Dalapon

R.T.: 2.712 min
Delta R.T.: 0.004 min
Response: 1896092311
Conc: 691.56 ng/ml



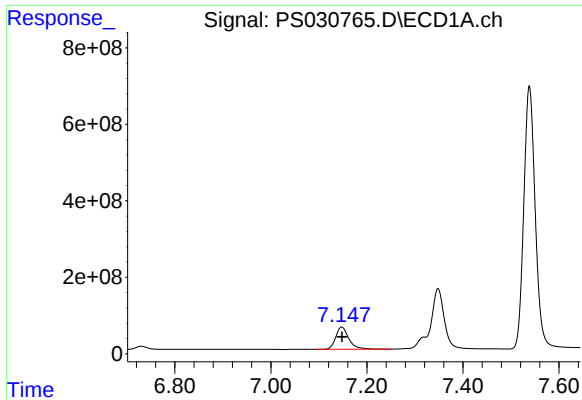
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.507 min
Delta R.T.: -0.001 min
Response: 3844480234
Conc: 714.91 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.716 min
Delta R.T.: 0.003 min
Response: 1161605520
Conc: 720.09 ng/ml



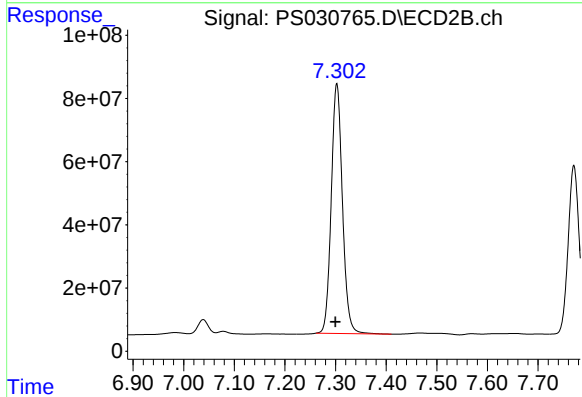
#3 4-Nitrophenol

R.T.: 7.147 min
Delta R.T.: -0.001 min
Response: 1109577138
Conc: 703.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

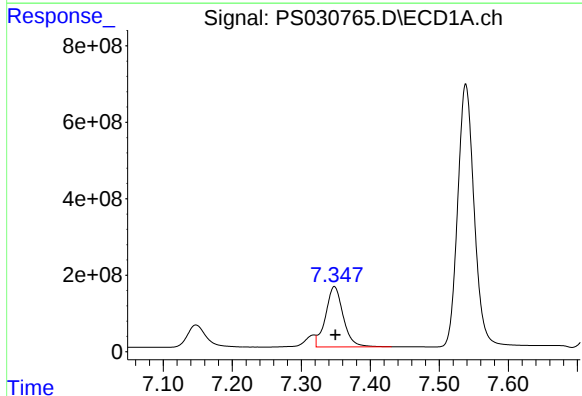
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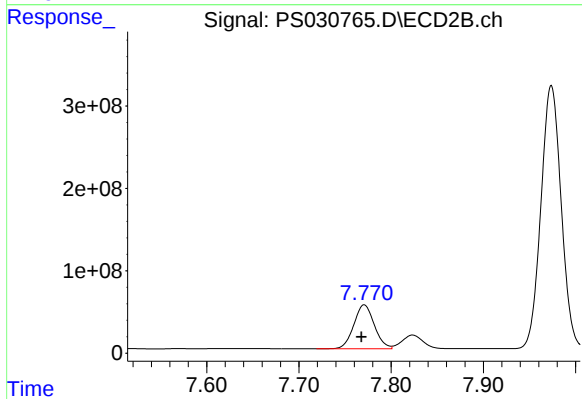
#3 4-Nitrophenol

R.T.: 7.303 min
Delta R.T.: 0.003 min
Response: 1213133155
Conc: 699.80 ng/ml



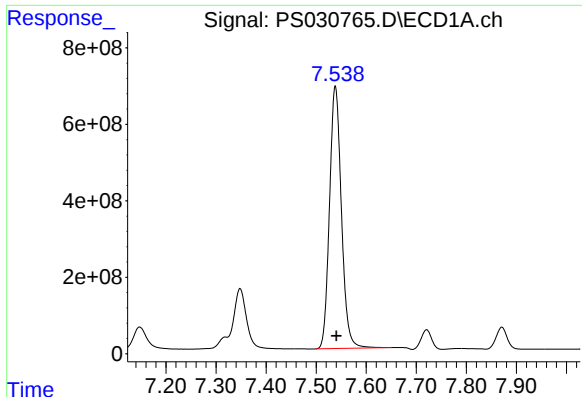
#4 2,4-DCAA

R.T.: 7.347 min
Delta R.T.: -0.002 min
Response: 2797974487
Conc: 761.48 ng/ml m



#4 2,4-DCAA

R.T.: 7.771 min
Delta R.T.: 0.003 min
Response: 826008742
Conc: 770.56 ng/ml



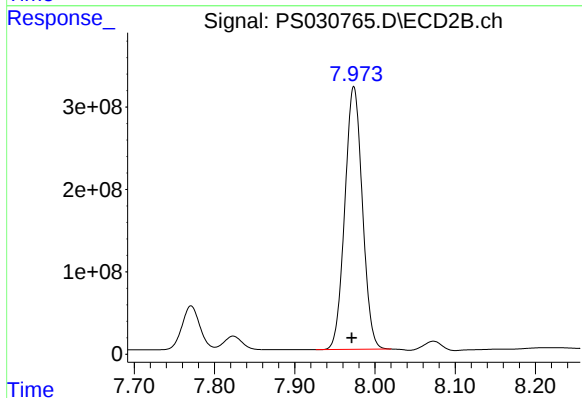
#5 DICAMBA

R.T.: 7.538 min
Delta R.T.: -0.002 min
Response: 11323324947
Conc: 744.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

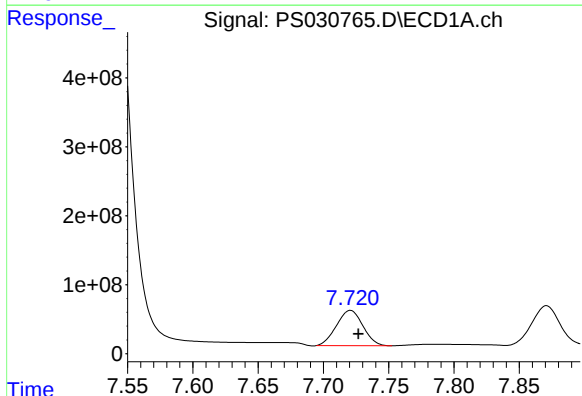
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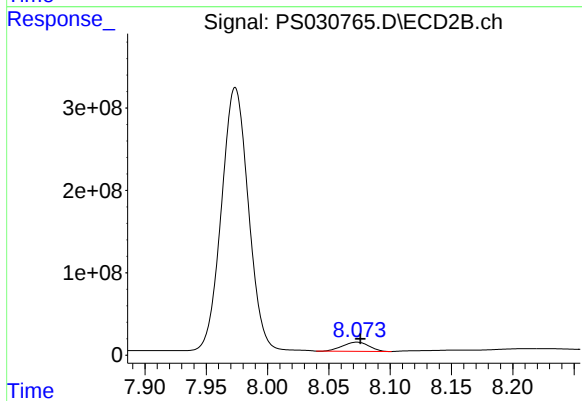
#5 DICAMBA

R.T.: 7.974 min
Delta R.T.: 0.003 min
Response: 4853688416
Conc: 740.66 ng/ml



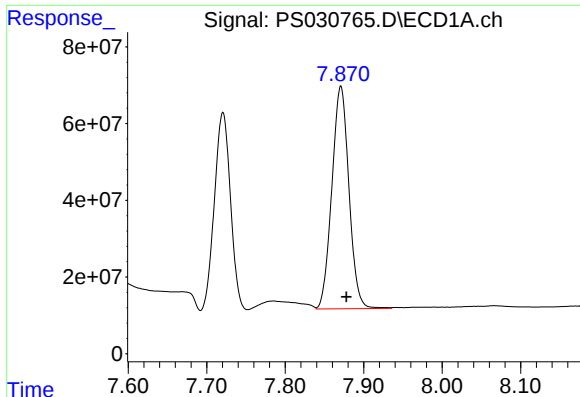
#6 MCP

R.T.: 7.721 min
Delta R.T.: -0.006 min
Response: 723288850
Conc: 77.04 ug/ml



#6 MCP

R.T.: 8.073 min
Delta R.T.: -0.003 min
Response: 166783588
Conc: 79.52 ug/ml



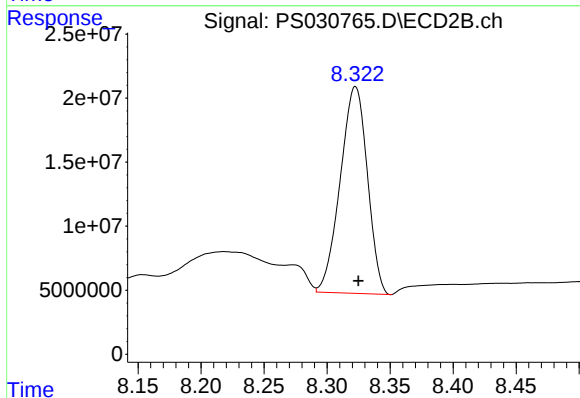
#7 MCPA

R.T.: 7.871 min
Delta R.T.: -0.007 min
Response: 877866163
Conc: 74.84 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

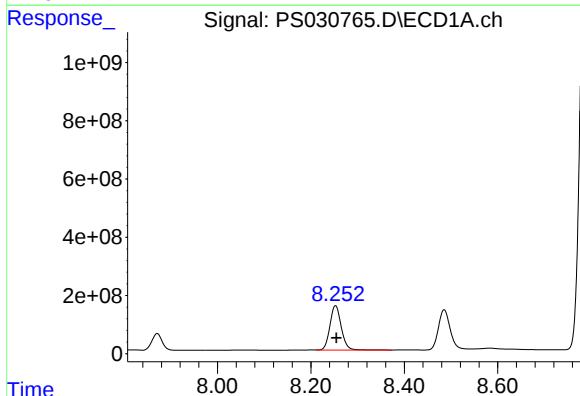
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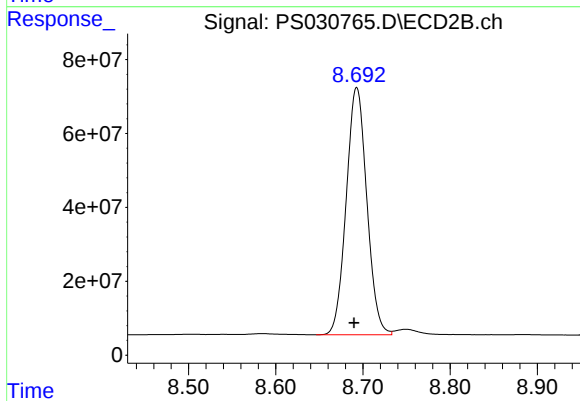
#7 MCPA

R.T.: 8.322 min
Delta R.T.: -0.003 min
Response: 241750447
Conc: 76.85 ug/ml



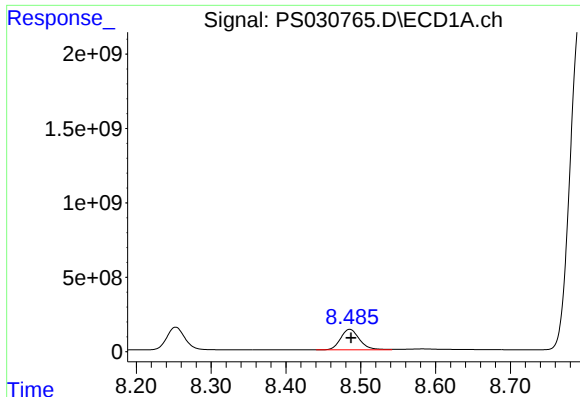
#8 DICHLORPROP

R.T.: 8.253 min
Delta R.T.: -0.002 min
Response: 2583359385
Conc: 689.67 ng/ml



#8 DICHLORPROP

R.T.: 8.693 min
Delta R.T.: 0.003 min
Response: 1100043834
Conc: 699.55 ng/ml



#9 2,4-D

R.T.: 8.485 min
Delta R.T.: -0.002 min
Response: 2433233896
Conc: 706.43 ng/ml

Instrument :

ECD_S

ClientSampleId :

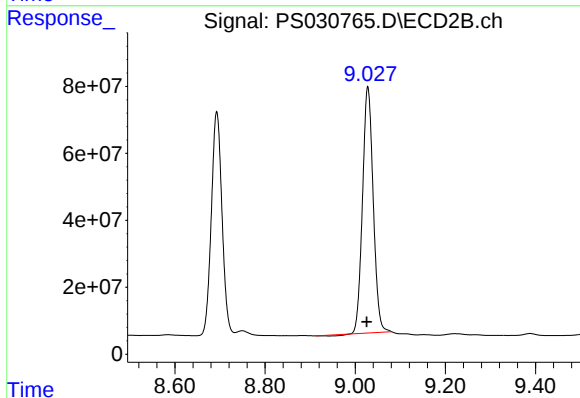
HSTDCCC750

Manual Integrations

APPROVED

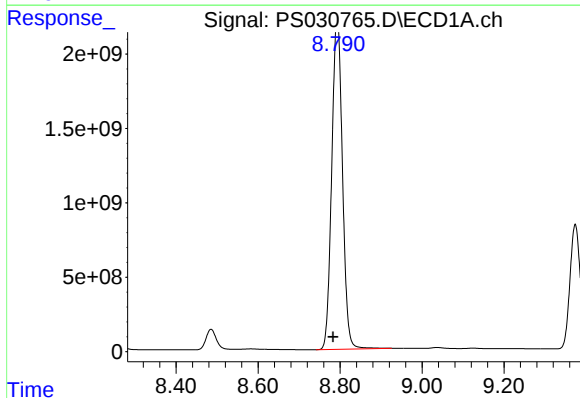
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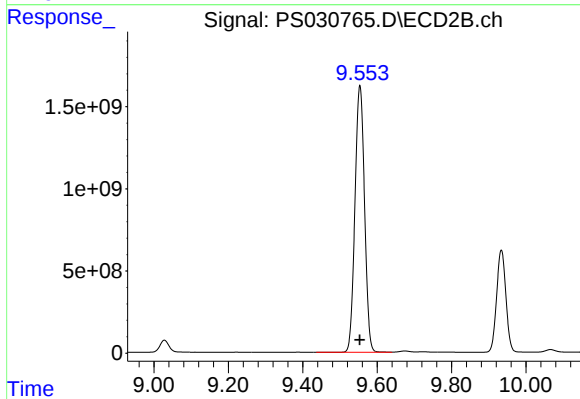
#9 2,4-D

R.T.: 9.028 min
Delta R.T.: 0.003 min
Response: 1207116412
Conc: 710.32 ng/ml



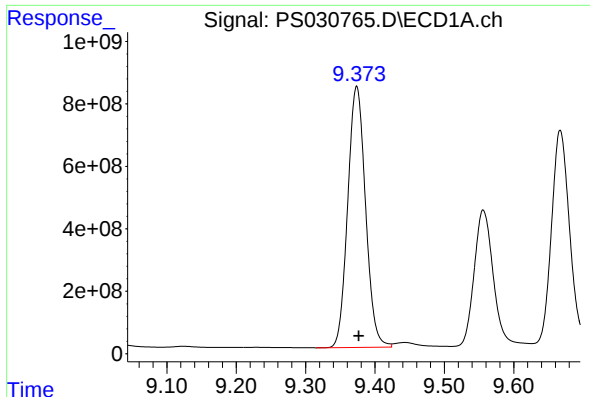
#10 Pentachlorophenol

R.T.: 8.793 min
Delta R.T.: 0.010 min
Response: 39992612420
Conc: 755.64 ng/ml



#10 Pentachlorophenol

R.T.: 9.554 min
Delta R.T.: 0.000 min
Response: 28986688141
Conc: 760.36 ng/ml



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

R.T.: 9.374 min
Delta R.T.: -0.003 min
Response: 14906665012
Conc: 744.20 ng/ml

Instrument :

ECD_S

ClientSampleId :

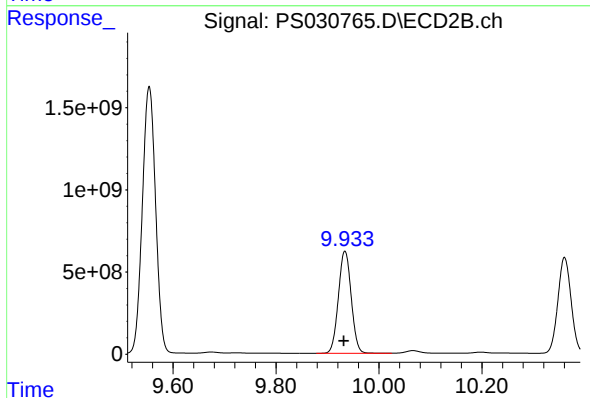
HSTDCCC750

Manual Integrations

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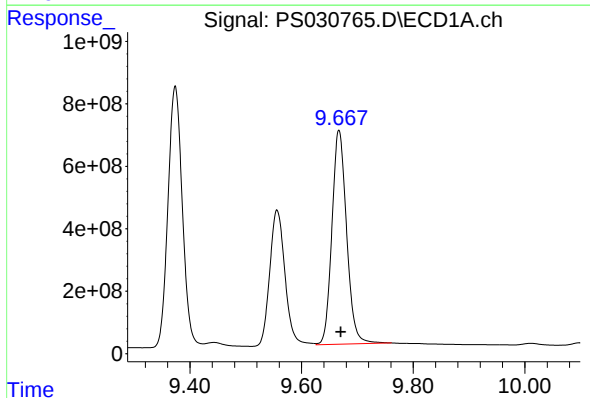
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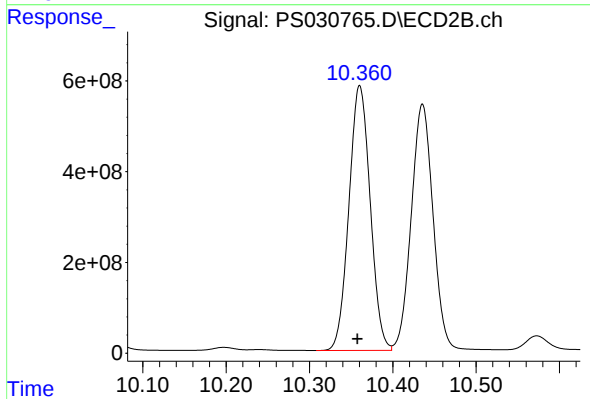
#11 2,4,5-TP (SILVEX)

R.T.: 9.934 min
Delta R.T.: 0.002 min
Response: 10754585718
Conc: 745.36 ng/ml



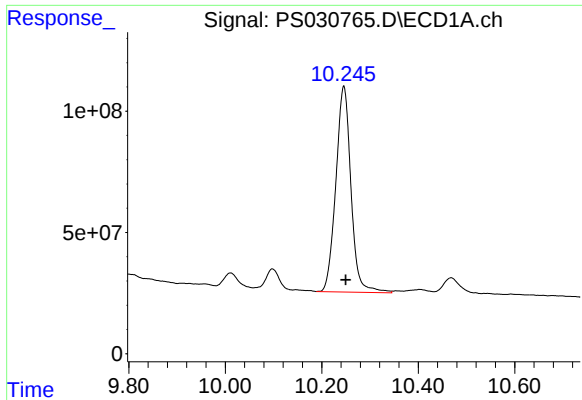
#12 2,4,5-T

R.T.: 9.667 min
Delta R.T.: -0.003 min
Response: 12487966751
Conc: 759.00 ng/ml



#12 2,4,5-T

R.T.: 10.360 min
Delta R.T.: 0.003 min
Response: 10364893119
Conc: 758.52 ng/ml



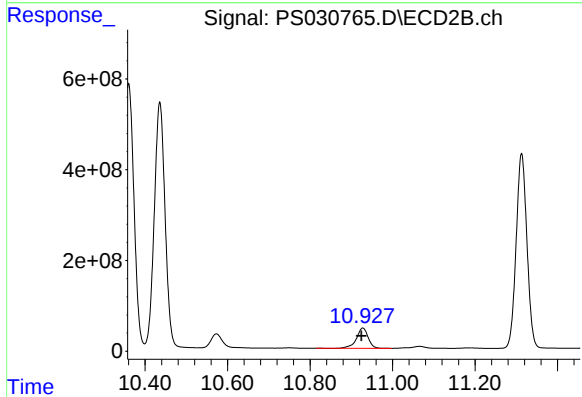
#13 2,4-DB

R.T.: 10.246 min
Delta R.T.: -0.004 min
Response: 1848751520
Conc: 806.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

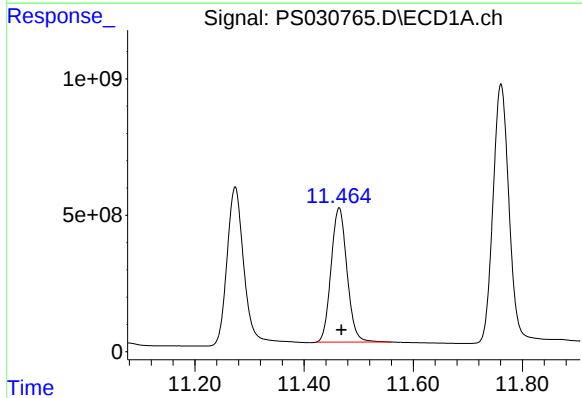
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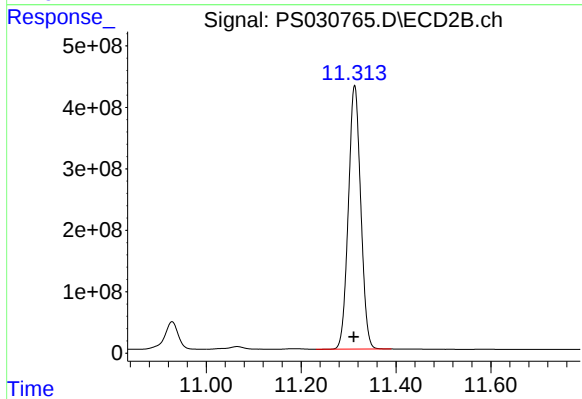
#13 2,4-DB

R.T.: 10.928 min
Delta R.T.: 0.003 min
Response: 877207093
Conc: 741.57 ng/ml



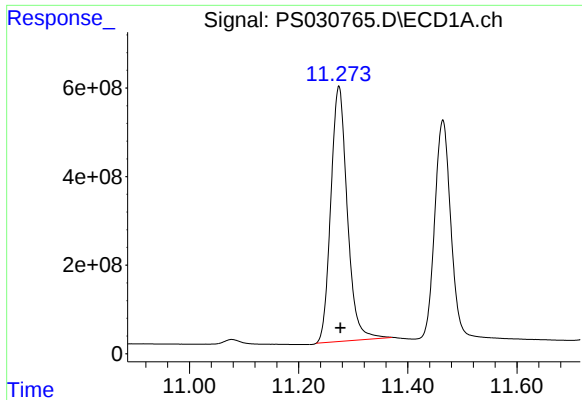
#14 DINOSEB

R.T.: 11.464 min
Delta R.T.: -0.004 min
Response: 9975959236
Conc: 719.08 ng/ml



#14 DINOSEB

R.T.: 11.313 min
Delta R.T.: 0.002 min
Response: 7769062020
Conc: 720.61 ng/ml



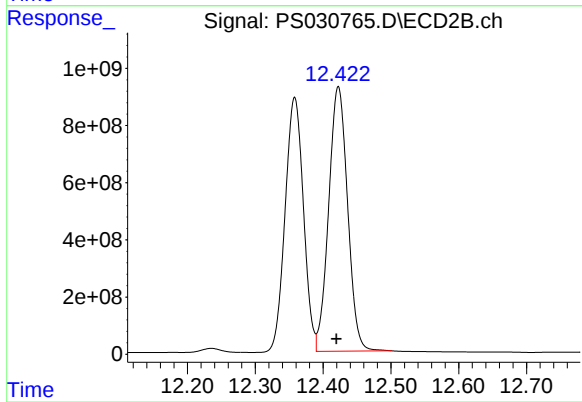
#15 Picloram

R.T.: 11.274 min
Delta R.T.: -0.003 min
Response: 12094366151
Conc: 752.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
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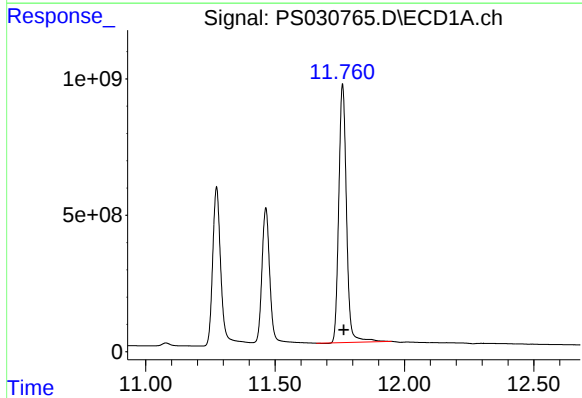
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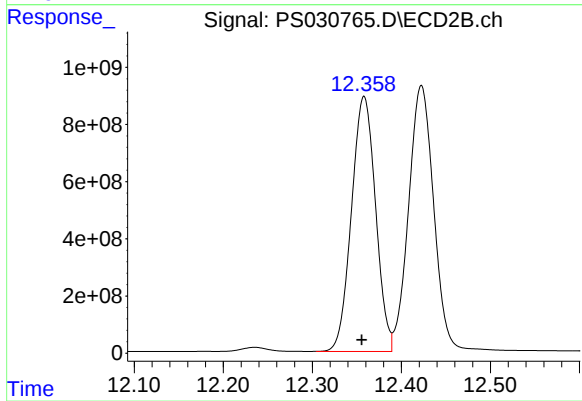
#15 Picloram

R.T.: 12.422 min
Delta R.T.: 0.003 min
Response: 17944642238
Conc: 772.10 ng/ml



#16 DCPA

R.T.: 11.761 min
Delta R.T.: -0.004 min
Response: 19626997421
Conc: 766.19 ng/ml



#16 DCPA

R.T.: 12.358 min
Delta R.T.: 0.002 min
Response: 16830561726
Conc: 763.54 ng/ml m