

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040825\
 Data File : PS029727.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2025 16:37
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/09/2025
 Supervised By :mohammad ahmed 04/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 22:48:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.955	7.470	1534.1E6	489.0E6	752.446	717.488
Target Compounds							
1) T	Dalapon	2.461	2.532	2282.8E6	971.2E6	672.923	611.753
2) T	3,5-DICHL...	6.158	6.465	2185.4E6	636.5E6	726.602	659.199
3) T	4-Nitroph...	6.745	7.005	1006.6E6	446.3E6	716.510	629.536
5) T	DICAMBA	7.132	7.657	6092.3E6	2540.9E6	732.080	687.967
6) T	MCPD	7.309	7.763	376.5E6	107.3E6	69.465	63.556
7) T	MCPA	7.452	7.993	477.9E6	153.7E6	65.741	67.563
8) T	DICHLORPROP	7.813	8.351	1574.6E6	665.5E6	715.888	688.804
9) T	2,4-D	8.034	8.664	1687.2E6	715.9E6	700.208	663.800
10) T	Pentachlo...	8.312	9.166	21552.4E6	12914.2E6	708.845	720.346
11) T	2,4,5-TP ...	8.877	9.544	8472.2E6	5146.0E6	729.394	713.437
12) T	2,4,5-T	9.160	9.948	8569.3E6	4845.8E6	744.872	722.952
13) T	2,4-DB	9.719	10.505	1441.6E6	503.6E6	793.516	678.737
14) T	DINOSEB	10.884	10.877	6028.0E6	3472.6E6	714.046	679.189
15) T	Picloram	10.702	11.916	11336.6E6	8569.5E6	731.374	724.727m
16) T	DCPA	11.185	11.904	10468.1E6	5687.9E6	749.534	642.651m

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

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Acq On : 08 Apr 2025 16:37
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

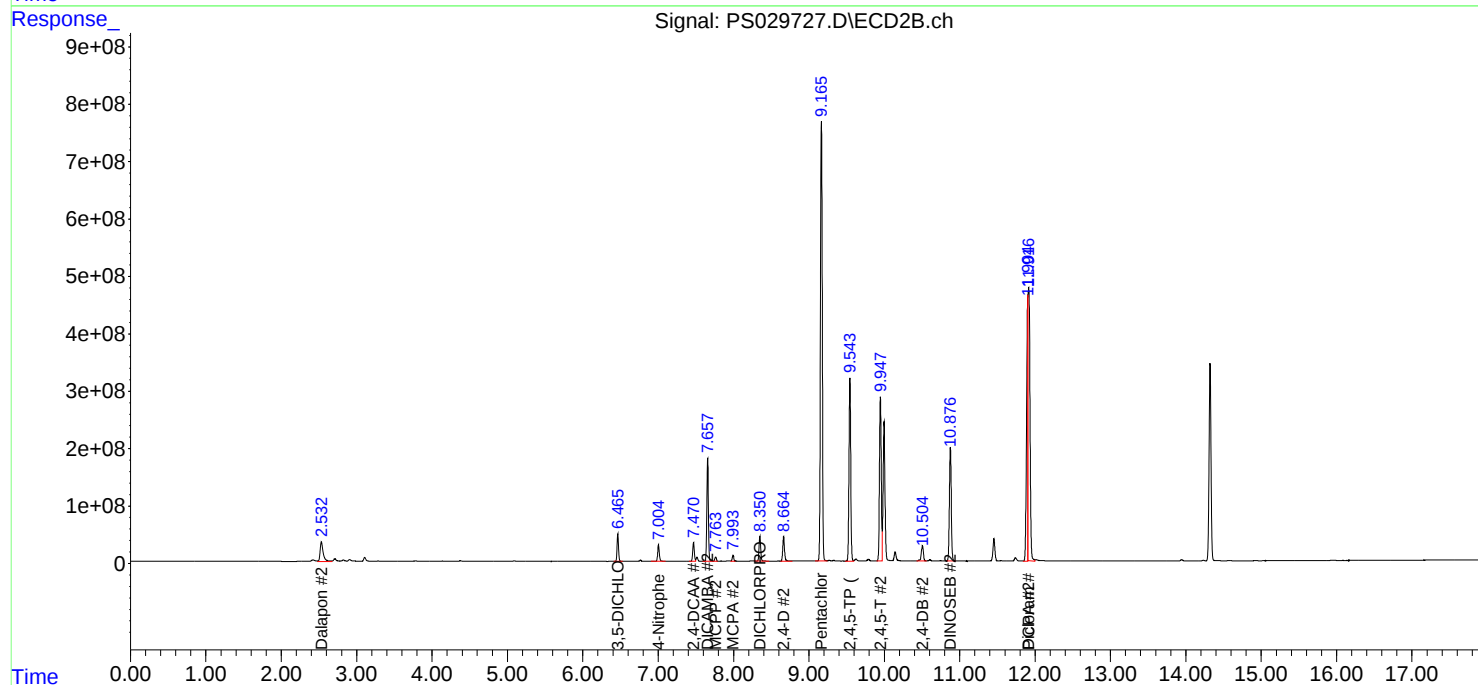
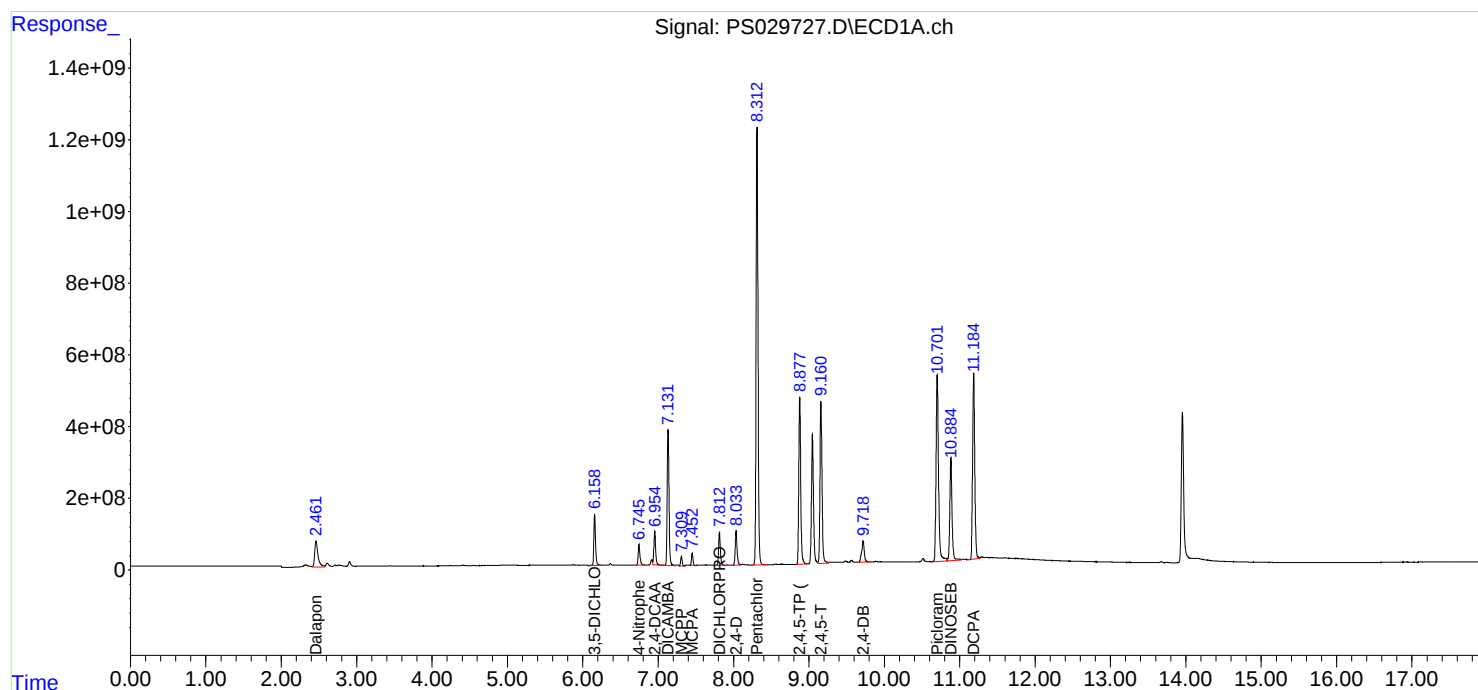
Instrument :
ECD_S
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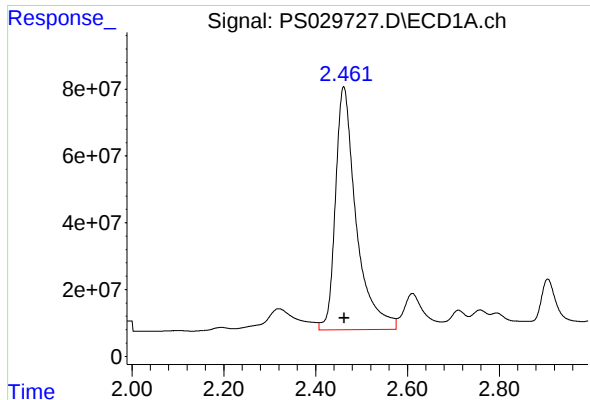
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Integrator: ChemStation

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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





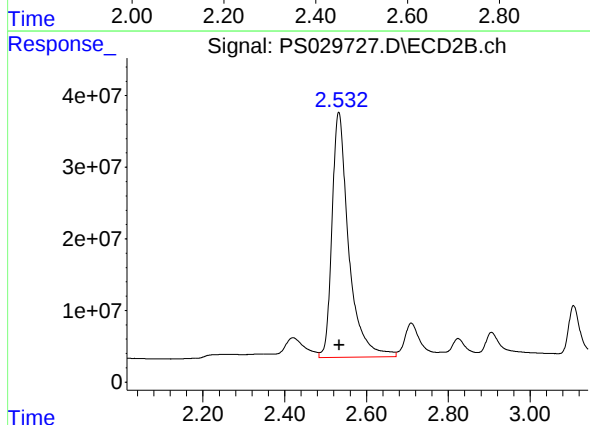
#1 Dalapon

R.T.: 2.461 min
Delta R.T.: -0.002 min
Response: 2282819807
Conc: 672.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

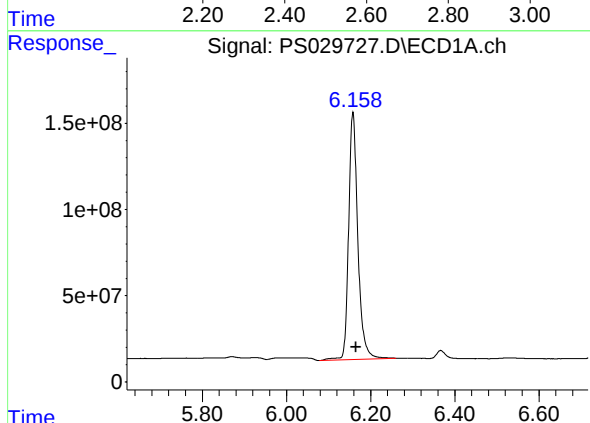
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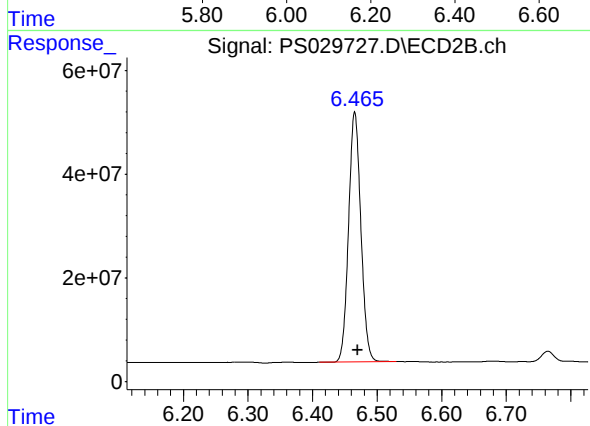
#1 Dalapon

R.T.: 2.532 min
Delta R.T.: -0.001 min
Response: 971216748
Conc: 611.75 ng/ml



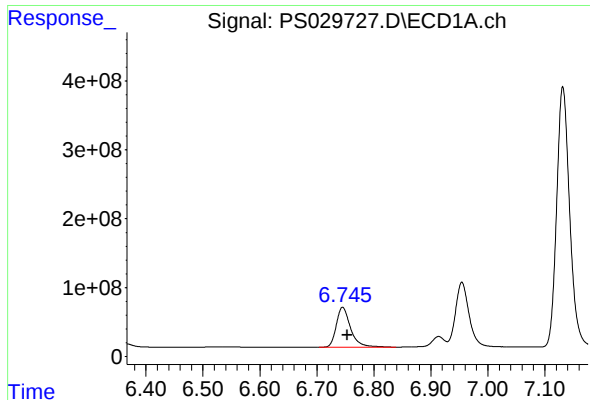
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.158 min
Delta R.T.: -0.007 min
Response: 2185444924
Conc: 726.60 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.465 min
Delta R.T.: -0.005 min
Response: 636493955
Conc: 659.20 ng/ml



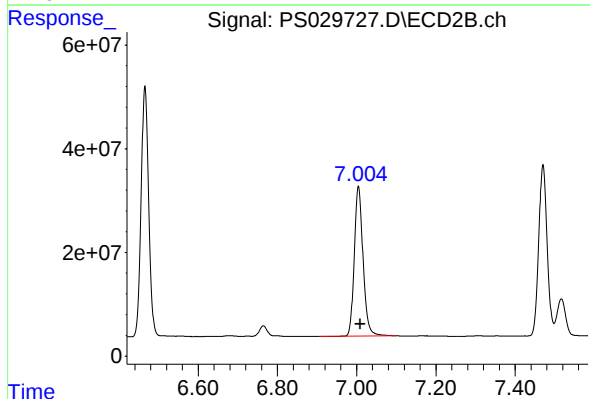
#3 4-Nitrophenol

R.T.: 6.745 min
Delta R.T.: -0.008 min
Response: 1006552427
Conc: 716.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

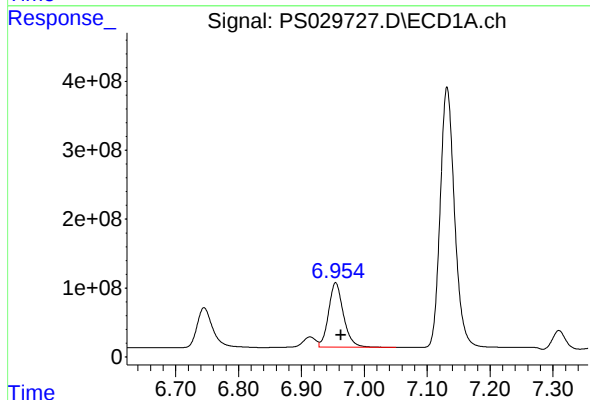
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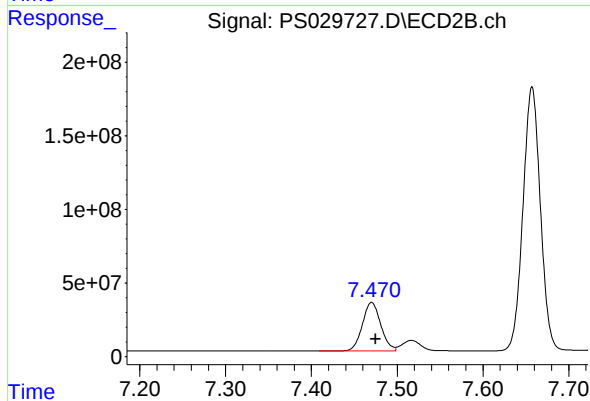
#3 4-Nitrophenol

R.T.: 7.005 min
Delta R.T.: -0.005 min
Response: 446339823
Conc: 629.54 ng/ml



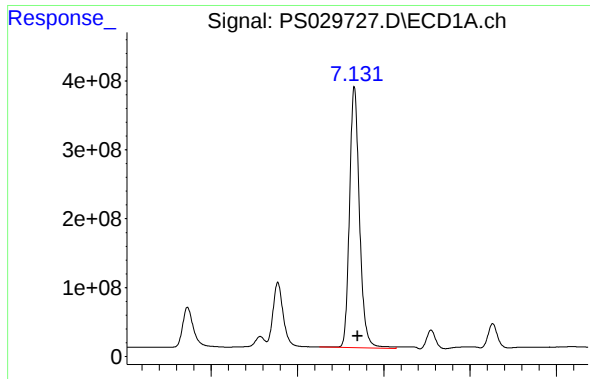
#4 2,4-DCAA

R.T.: 6.955 min
Delta R.T.: -0.008 min
Response: 1534109534
Conc: 752.45 ng/ml



#4 2,4-DCAA

R.T.: 7.470 min
Delta R.T.: -0.005 min
Response: 488977486
Conc: 717.49 ng/ml



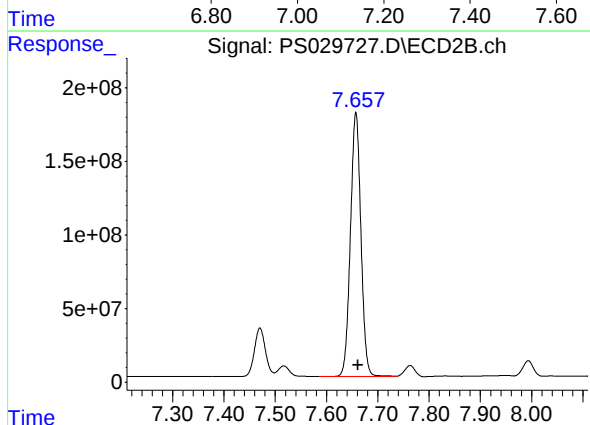
#5 DICAMBA

R.T.: 7.132 min
Delta R.T.: -0.008 min
Response: 6092327835
Conc: 732.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

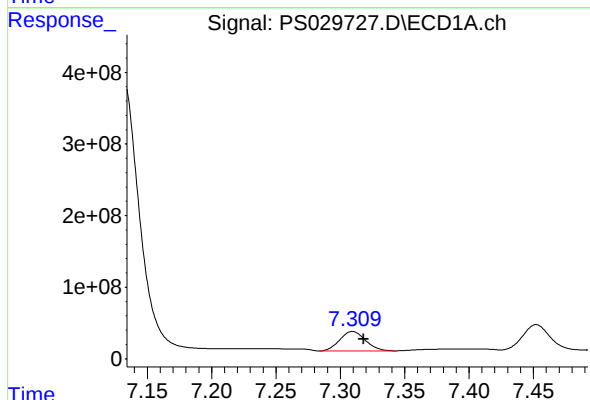
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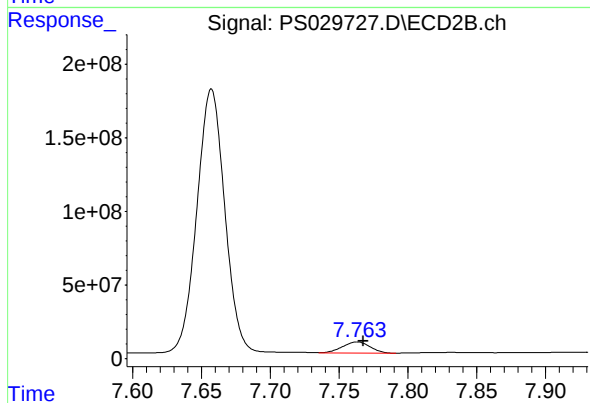
#5 DICAMBA

R.T.: 7.657 min
Delta R.T.: -0.004 min
Response: 2540915341
Conc: 687.97 ng/ml



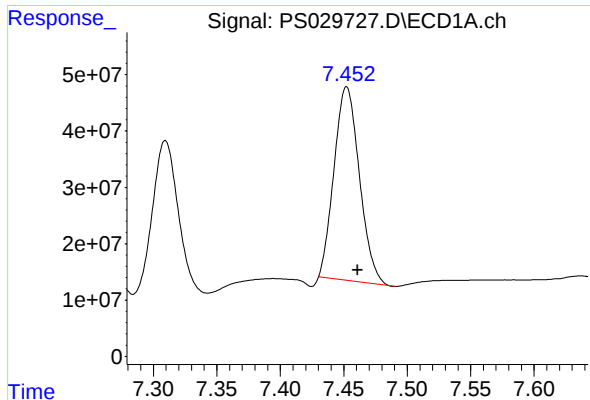
#6 MCP

R.T.: 7.309 min
Delta R.T.: -0.009 min
Response: 376492806
Conc: 69.47 ug/ml



#6 MCP

R.T.: 7.763 min
Delta R.T.: -0.004 min
Response: 107312926
Conc: 63.56 ug/ml



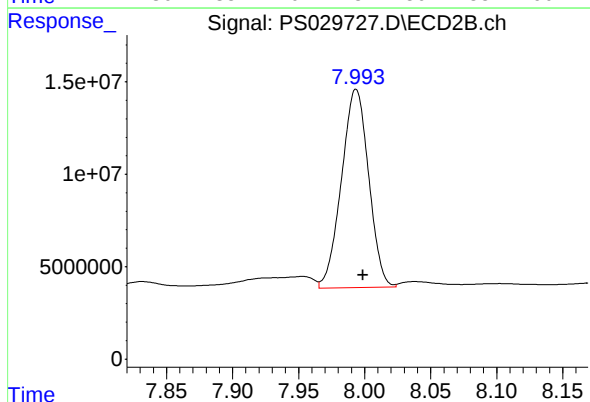
#7 MCPA

R.T.: 7.452 min
Delta R.T.: -0.009 min
Response: 477873886
Conc: 65.74 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

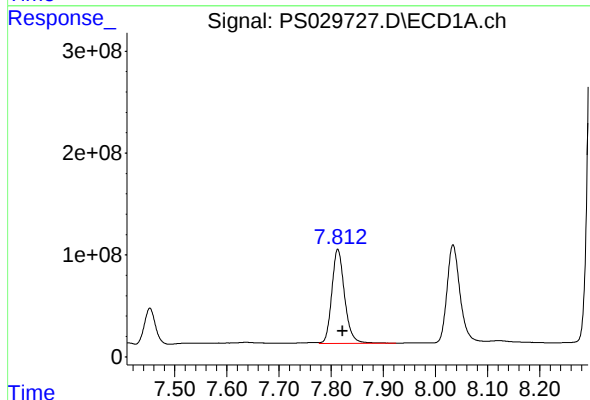
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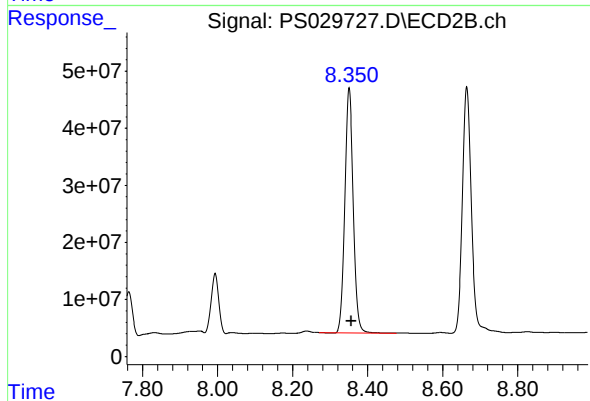
#7 MCPA

R.T.: 7.993 min
Delta R.T.: -0.005 min
Response: 153722919
Conc: 67.56 ug/ml



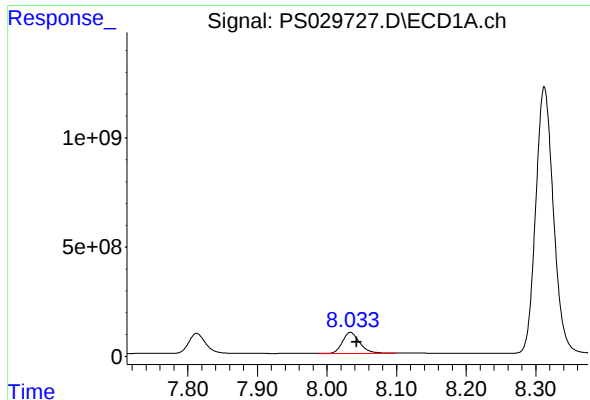
#8 DICHLORPROP

R.T.: 7.813 min
Delta R.T.: -0.009 min
Response: 1574550304
Conc: 715.89 ng/ml



#8 DICHLORPROP

R.T.: 8.351 min
Delta R.T.: -0.006 min
Response: 665490097
Conc: 688.80 ng/ml



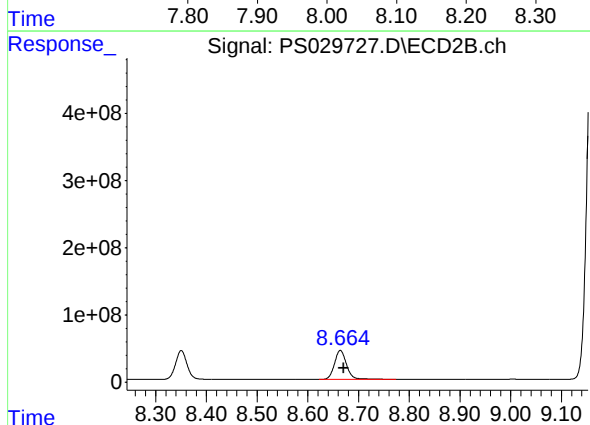
#9 2,4-D

R.T.: 8.034 min
Delta R.T.: -0.009 min
Response: 1687214414
Conc: 700.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

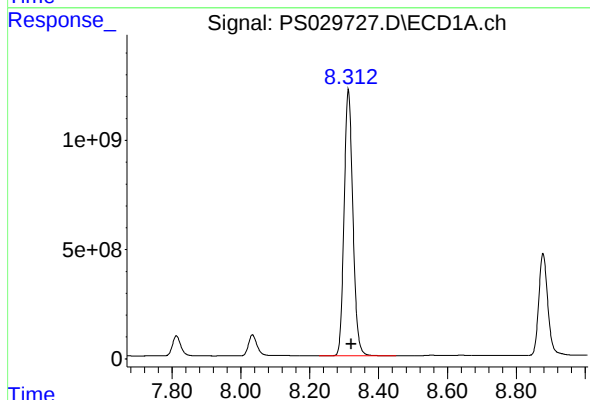
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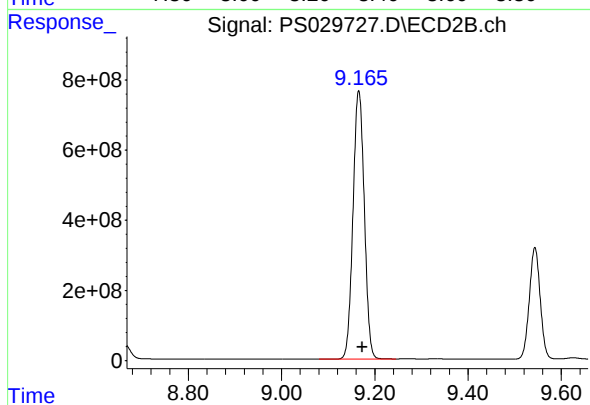
#9 2,4-D

R.T.: 8.664 min
Delta R.T.: -0.007 min
Response: 715884436
Conc: 663.80 ng/ml



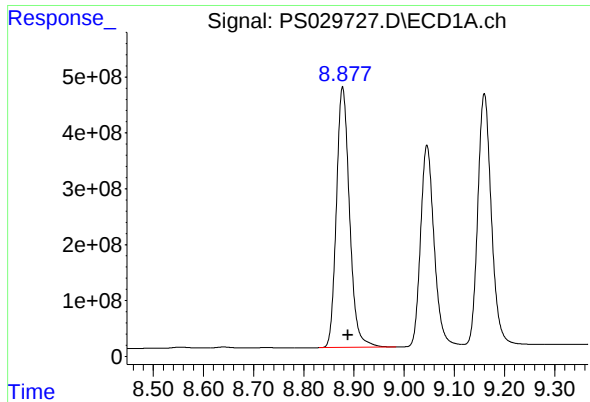
#10 Pentachlorophenol

R.T.: 8.312 min
Delta R.T.: -0.008 min
Response: 21552442580
Conc: 708.85 ng/ml



#10 Pentachlorophenol

R.T.: 9.166 min
Delta R.T.: -0.007 min
Response: 12914158439
Conc: 720.35 ng/ml



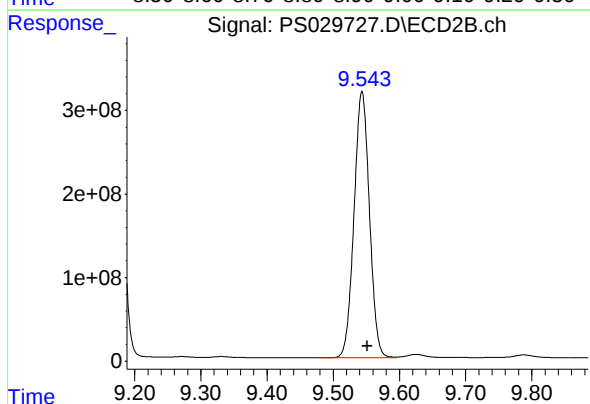
#11 2,4,5-TP (SILVEX)

R.T.: 8.877 min
Delta R.T.: -0.010 min
Response: 8472169883
Conc: 729.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

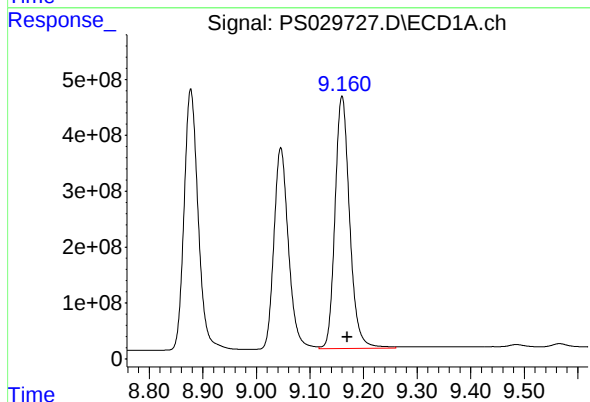
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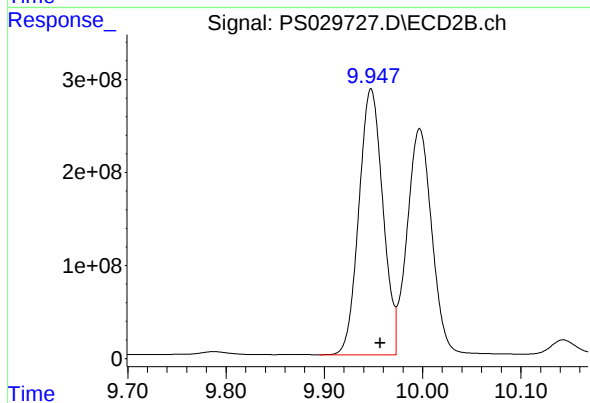
#11 2,4,5-TP (SILVEX)

R.T.: 9.544 min
Delta R.T.: -0.008 min
Response: 5145990533
Conc: 713.44 ng/ml



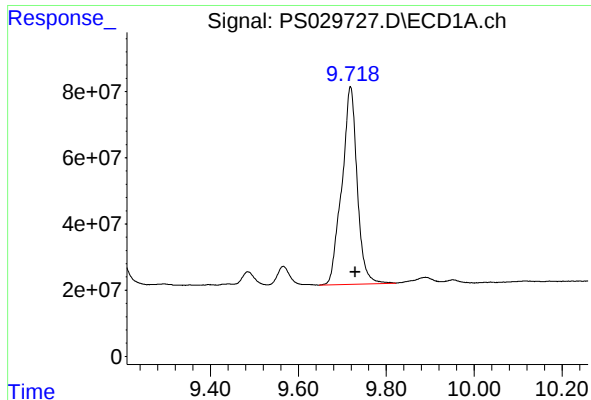
#12 2,4,5-T

R.T.: 9.160 min
Delta R.T.: -0.010 min
Response: 8569324071
Conc: 744.87 ng/ml



#12 2,4,5-T

R.T.: 9.948 min
Delta R.T.: -0.009 min
Response: 4845828564
Conc: 722.95 ng/ml



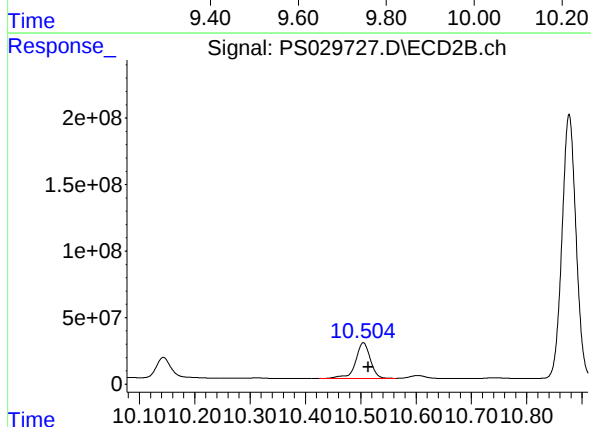
#13 2,4-DB

R.T.: 9.719 min
Delta R.T.: -0.011 min
Response: 1441615686
Conc: 793.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

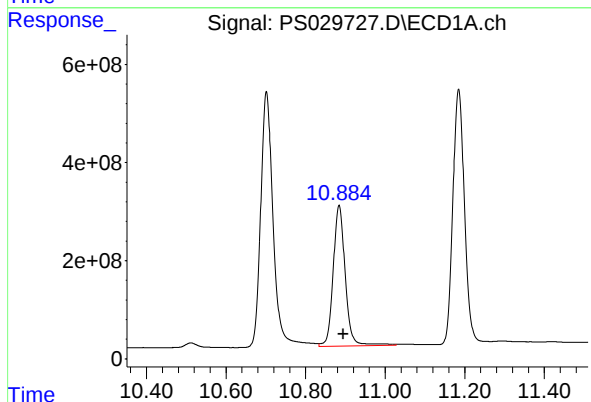
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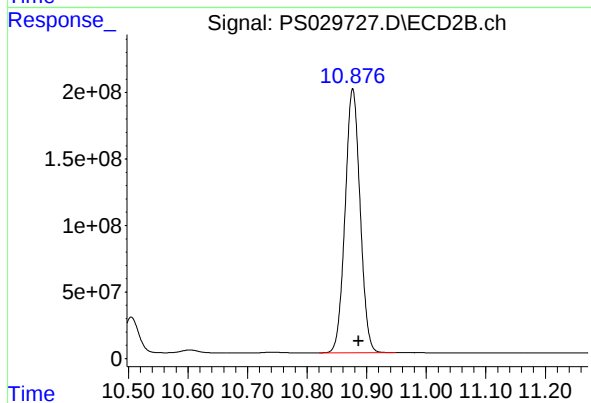
#13 2,4-DB

R.T.: 10.505 min
Delta R.T.: -0.009 min
Response: 503606126
Conc: 678.74 ng/ml



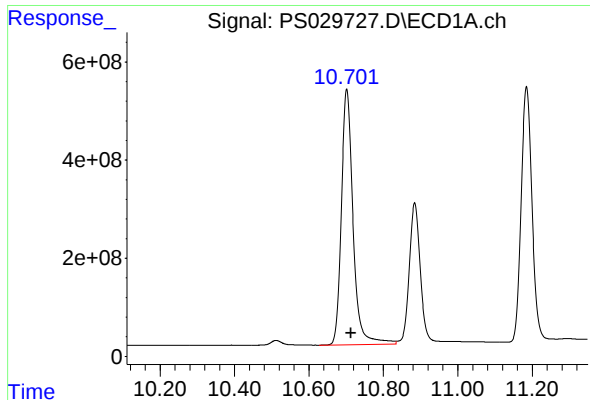
#14 DINOSEB

R.T.: 10.884 min
Delta R.T.: -0.011 min
Response: 6028006865
Conc: 714.05 ng/ml



#14 DINOSEB

R.T.: 10.877 min
Delta R.T.: -0.010 min
Response: 3472556693
Conc: 679.19 ng/ml



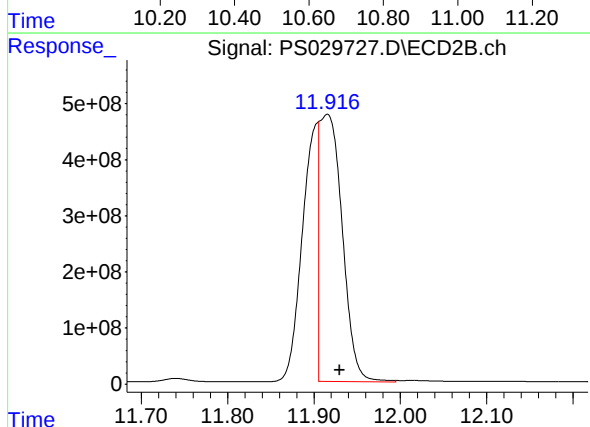
#15 Picloram

R.T.: 10.702 min
Delta R.T.: -0.012 min
Response: 11336585796
Conc: 731.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

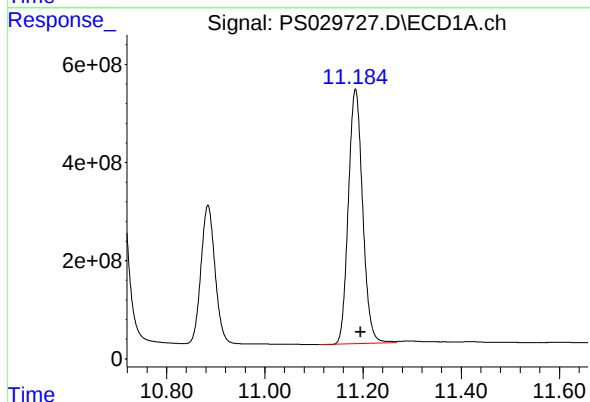
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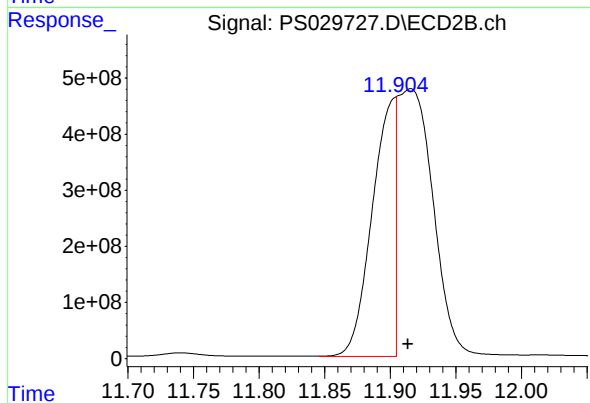
#15 Picloram

R.T.: 11.916 min
Delta R.T.: -0.014 min
Response: 8569475796
Conc: 724.73 ng/ml m



#16 DCPA

R.T.: 11.185 min
Delta R.T.: -0.011 min
Response: 10468076995
Conc: 749.53 ng/ml



#16 DCPA

R.T.: 11.904 min
Delta R.T.: -0.009 min
Response: 5687890761
Conc: 642.65 ng/ml m