

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032825\
 Data File : PS029576.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2025 18:02
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/28/2025
 Supervised By : mohammad ahmed 04/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 03:22:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032825.M
 Quant Title : 8080.M
 QLast Update : Thu Mar 27 12:24:58 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 x 0.5 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	7.115	7.535	2780.0E6	632.6E6	723.930	732.798
Target Compounds							
1) T	Dalapon	2.596	2.604	4037.1E6	1368.1E6	680.963	659.559
2) T	3,5-DICHL...	6.304	6.524	3905.8E6	843.7E6	683.239	684.761
3) T	4-Nitroph...	6.920	7.072	792.2E6	544.1E6	744.550m	673.580
5) T	DICAMBA	7.295	7.725	10776.2E6	3361.8E6	679.763	703.193
6) T	MCPD	7.475	7.831	802.9E6	147.4E6	70.530	71.209
7) T	MCPA	7.621	8.066	1005.7E6	199.9E6	69.926	69.535
8) T	DICHLORPROP	7.991	8.426	2986.2E6	842.5E6	679.932	676.417
9) T	2,4-D	8.221	8.746	2875.6E6	945.1E6	712.892	691.913
10) T	Pentachlo...	8.510	9.255	43716.2E6	15883.2E6	735.715	715.629
11) T	2,4,5-TP ...	9.082	9.631	16319.5E6	6272.6E6	700.556	710.799
12) T	2,4,5-T	9.373	10.041	15076.3E6	5660.8E6	731.921	710.207
13) T	2,4-DB	9.943	10.600	1506.0E6	590.4E6	788.771	642.462
14) T	DINOSEB	11.127	10.972	12212.5E6	4141.0E6	688.798	698.561m
15) T	Picloram	10.951	12.034	11780.1E6	8925.9E6	818.431	715.434
16) T	DCPA	11.425	11.999	20364.1E6	8112.5E6	706.327	723.565

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

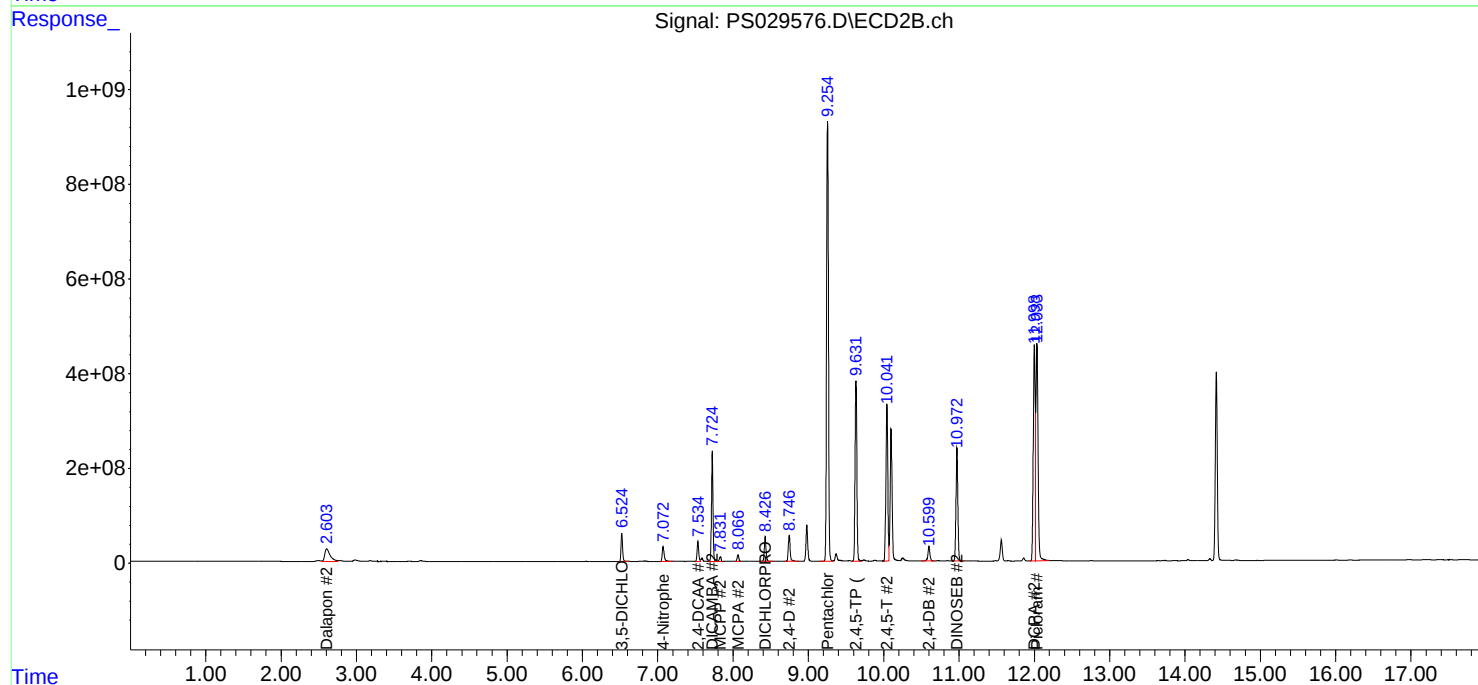
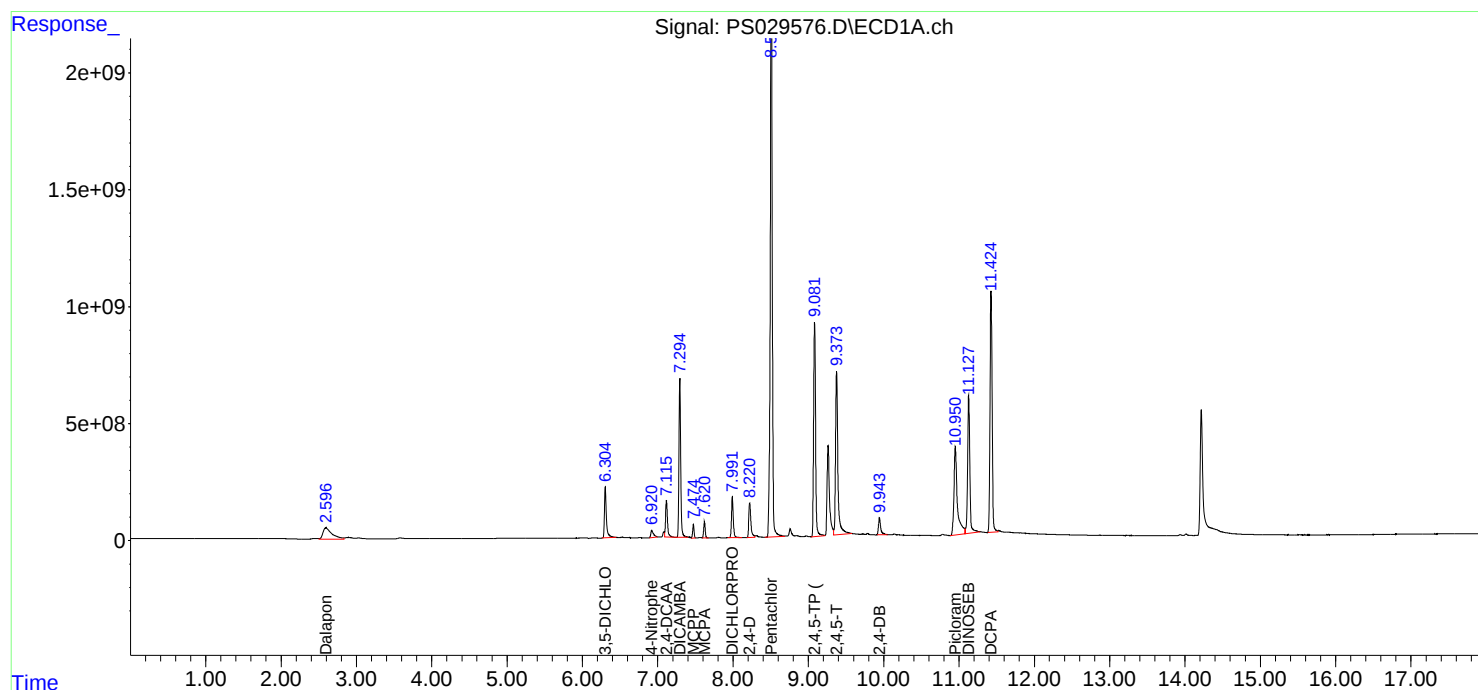
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

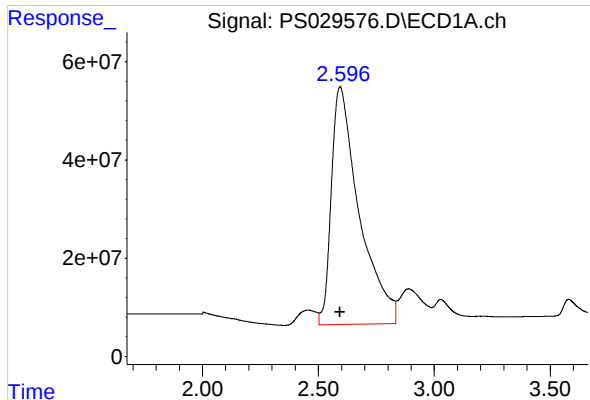
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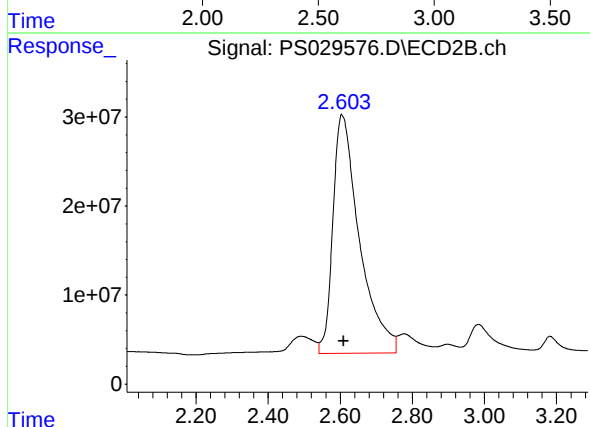
#1 Dalapon

R.T.: 2.596 min
Delta R.T.: 0.003 min
Response: 4037080032
Conc: 680.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

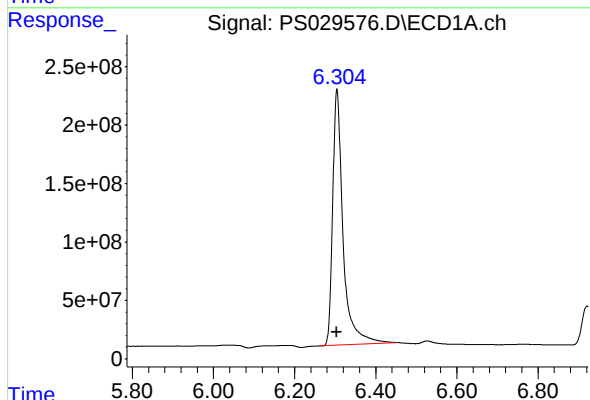
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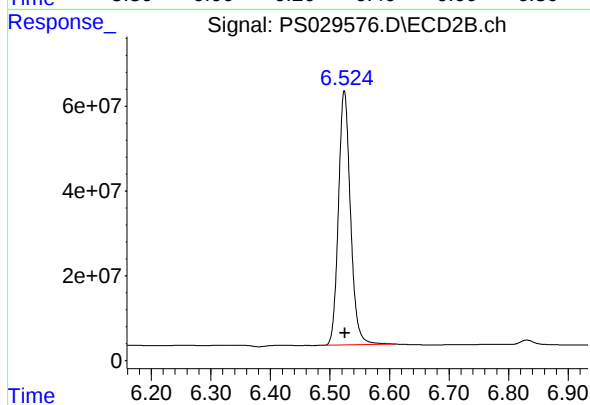
#1 Dalapon

R.T.: 2.604 min
Delta R.T.: -0.006 min
Response: 1368120972
Conc: 659.56 ng/ml



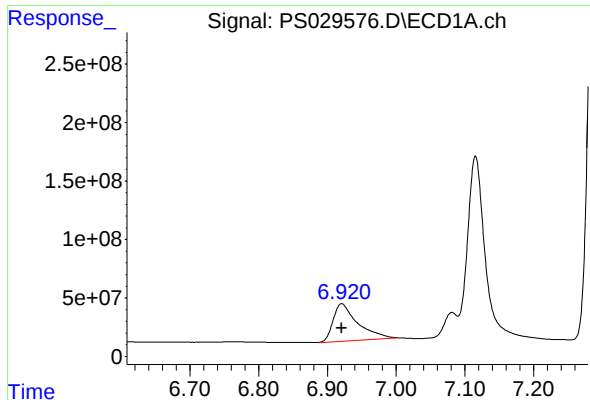
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 3905776877
Conc: 683.24 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.524 min
Delta R.T.: -0.001 min
Response: 843731156
Conc: 684.76 ng/ml



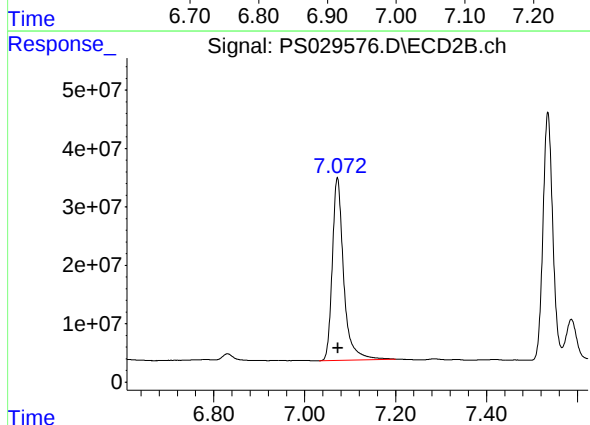
#3 4-Nitrophenol

R.T.: 6.920 min
Delta R.T.: 0.000 min
Response: 792194642
Conc: 744.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

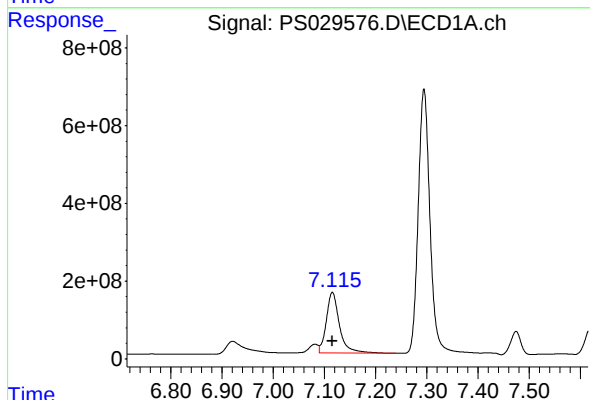
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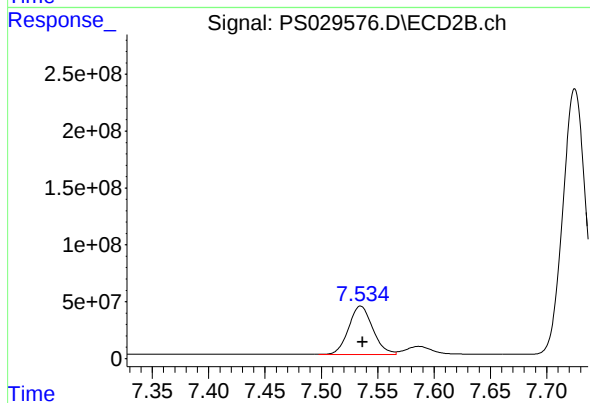
#3 4-Nitrophenol

R.T.: 7.072 min
Delta R.T.: -0.001 min
Response: 544140138
Conc: 673.58 ng/ml



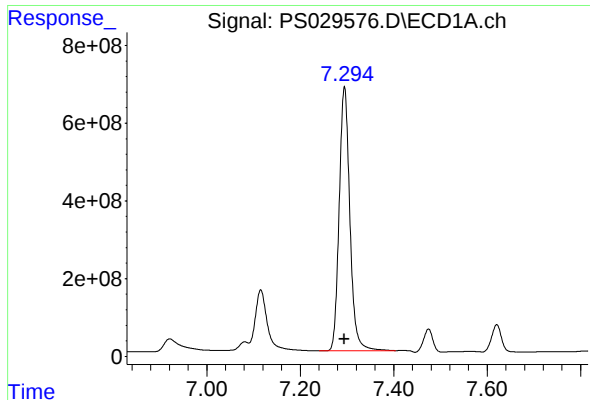
#4 2,4-DCAA

R.T.: 7.115 min
Delta R.T.: 0.000 min
Response: 2779962035
Conc: 723.93 ng/ml



#4 2,4-DCAA

R.T.: 7.535 min
Delta R.T.: -0.002 min
Response: 632621802
Conc: 732.80 ng/ml



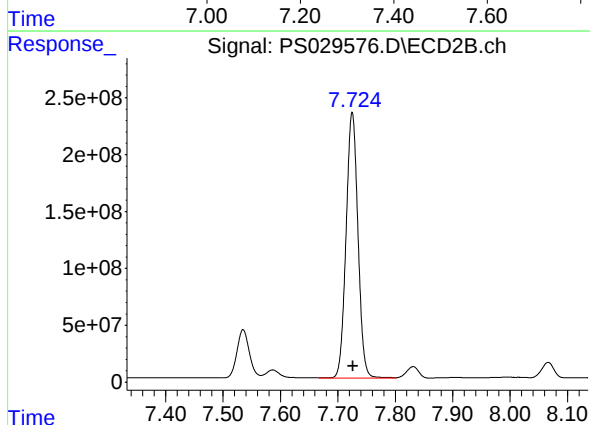
#5 DICAMBA

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 10776224661
Conc: 679.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

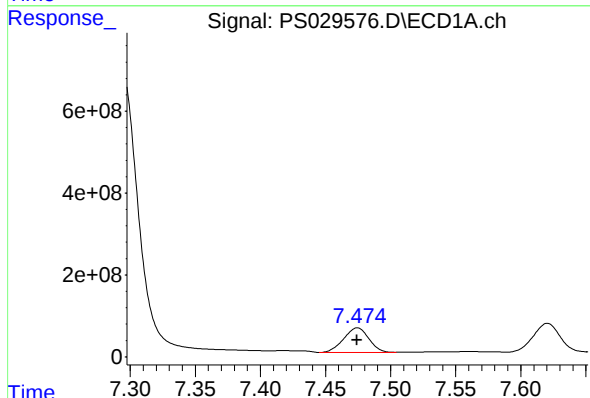
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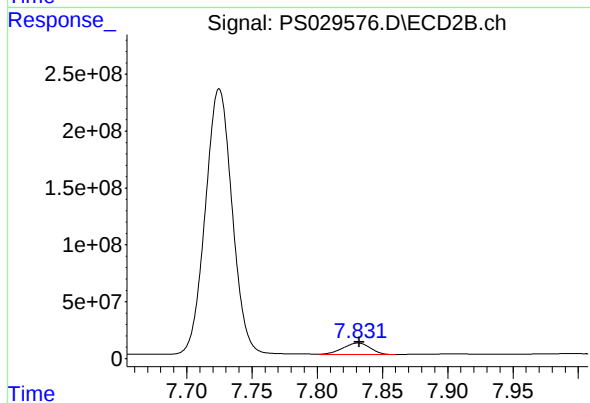
#5 DICAMBA

R.T.: 7.725 min
Delta R.T.: -0.001 min
Response: 3361798349
Conc: 703.19 ng/ml



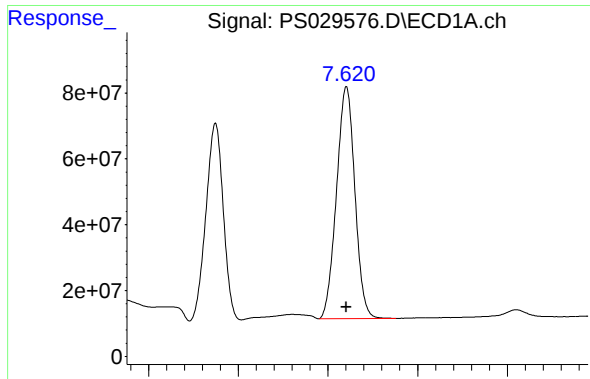
#6 MCPP

R.T.: 7.475 min
Delta R.T.: 0.000 min
Response: 802851517
Conc: 70.53 ug/ml



#6 MCPP

R.T.: 7.831 min
Delta R.T.: -0.001 min
Response: 147433509
Conc: 71.21 ug/ml



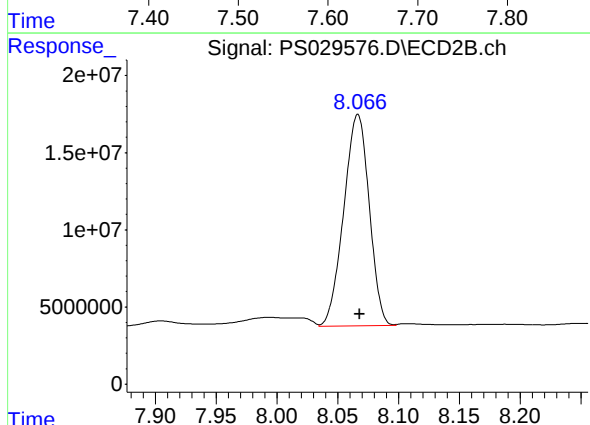
#7 MCPA

R.T.: 7.621 min
Delta R.T.: 0.000 min
Response: 100566009
Conc: 69.93 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

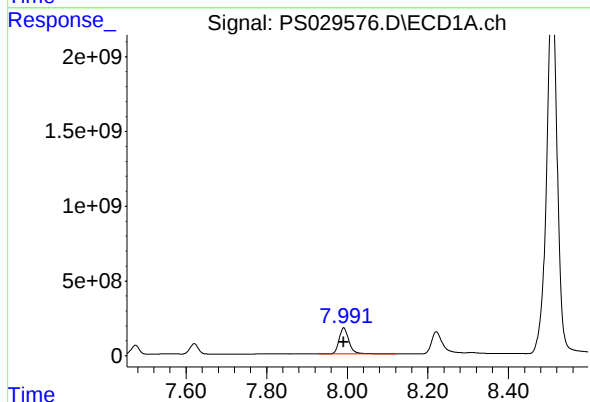
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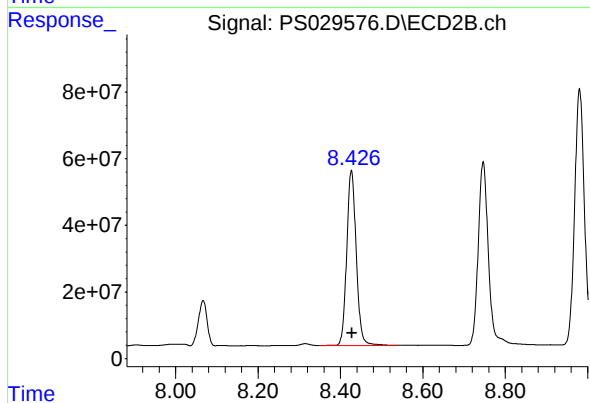
#7 MCPA

R.T.: 8.066 min
Delta R.T.: -0.002 min
Response: 199852989
Conc: 69.54 ug/ml



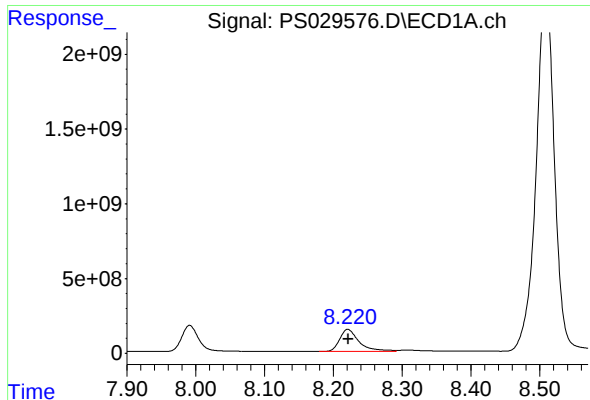
#8 DICHLORPROP

R.T.: 7.991 min
Delta R.T.: 0.000 min
Response: 2986245001
Conc: 679.93 ng/ml



#8 DICHLORPROP

R.T.: 8.426 min
Delta R.T.: -0.002 min
Response: 842544216
Conc: 676.42 ng/ml



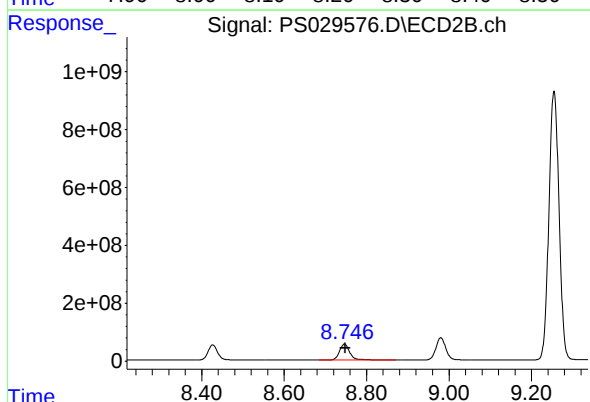
#9 2,4-D

R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 2875645957
Conc: 712.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

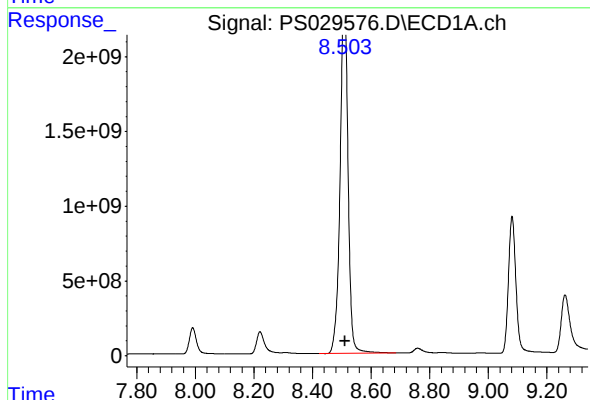
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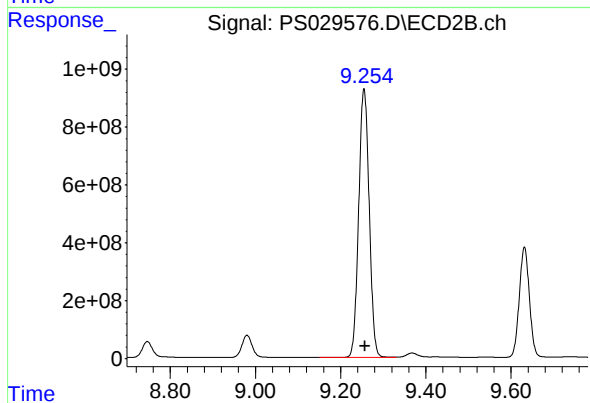
#9 2,4-D

R.T.: 8.746 min
Delta R.T.: -0.002 min
Response: 945140820
Conc: 691.91 ng/ml



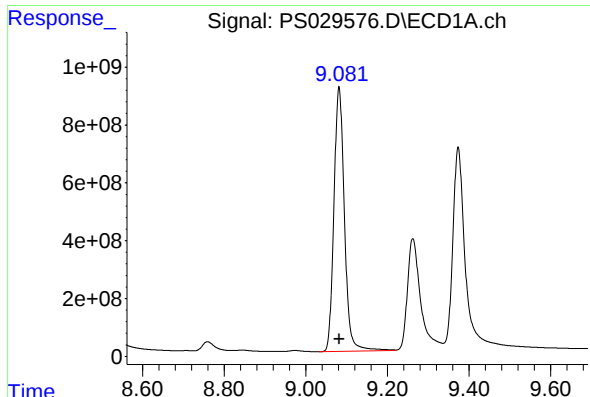
#10 Pentachlorophenol

R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 43716207812
Conc: 735.71 ng/ml



#10 Pentachlorophenol

R.T.: 9.255 min
Delta R.T.: -0.002 min
Response: 15883185017
Conc: 715.63 ng/ml



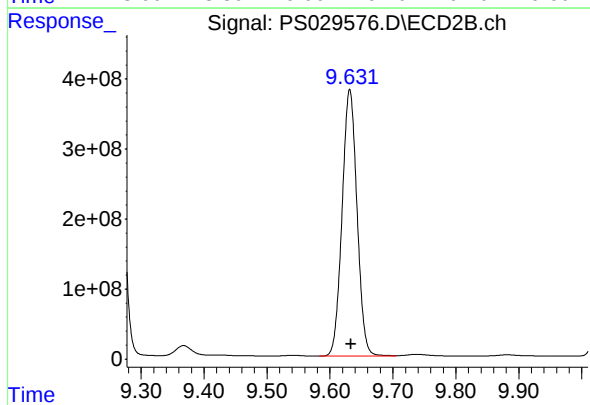
#11 2,4,5-TP (SILVEX)

R.T.: 9.082 min
Delta R.T.: 0.000 min
Response: 16319484731
Conc: 700.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

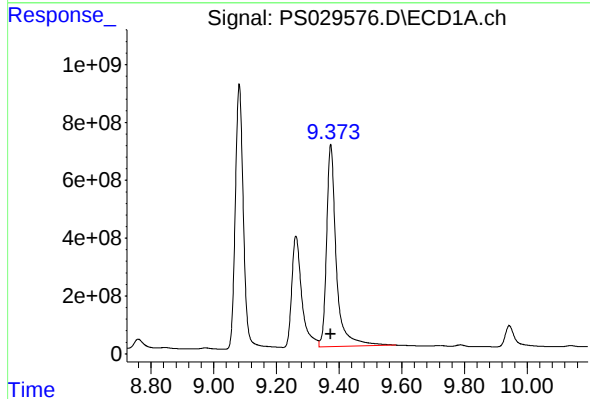
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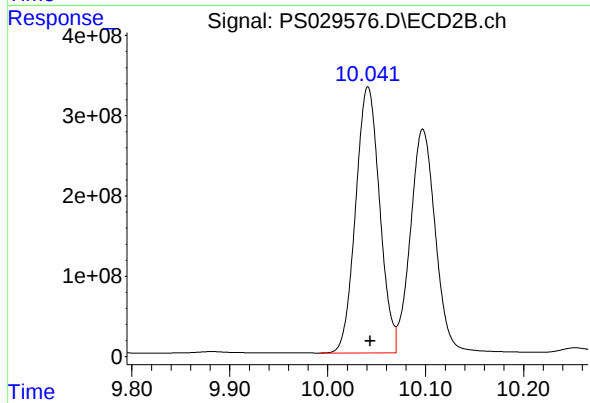
#11 2,4,5-TP (SILVEX)

R.T.: 9.631 min
Delta R.T.: -0.002 min
Response: 6272613516
Conc: 710.80 ng/ml



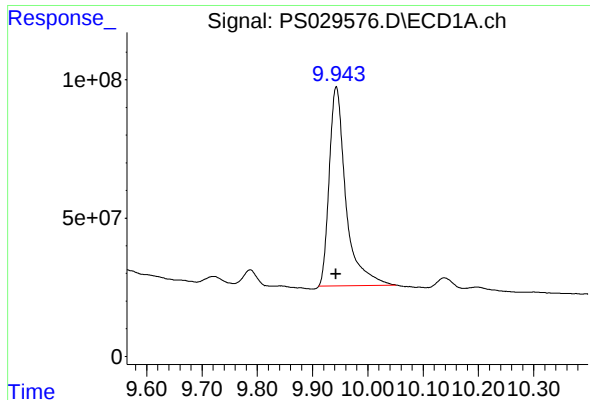
#12 2,4,5-T

R.T.: 9.373 min
Delta R.T.: 0.000 min
Response: 15076328740
Conc: 731.92 ng/ml



#12 2,4,5-T

R.T.: 10.041 min
Delta R.T.: -0.002 min
Response: 5660815830
Conc: 710.21 ng/ml



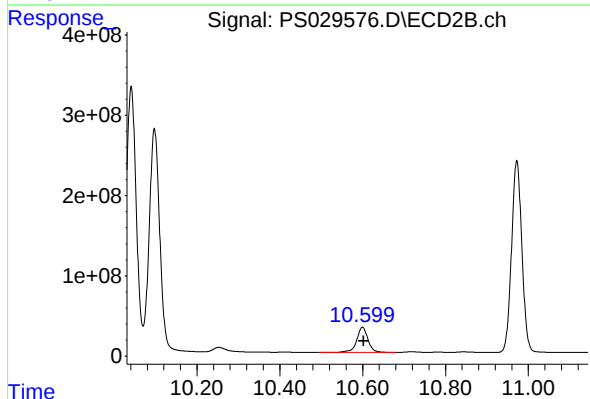
#13 2,4-DB

R.T.: 9.943 min
Delta R.T.: 0.000 min
Response: 1506037881
Conc: 788.77 ng/ml

Instrument :
ECD_S
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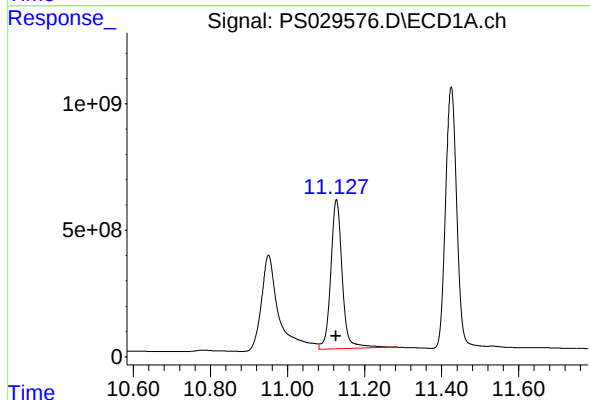
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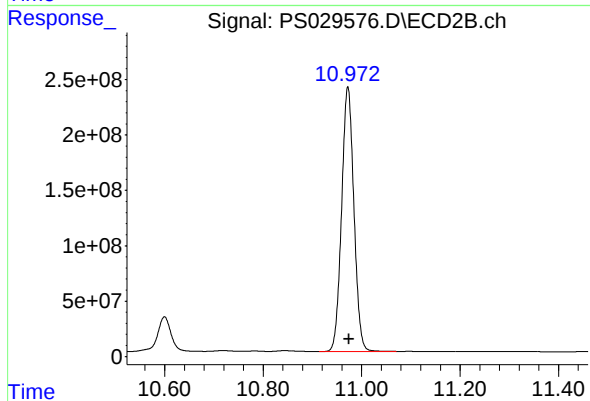
#13 2,4-DB

R.T.: 10.600 min
Delta R.T.: -0.003 min
Response: 590393407
Conc: 642.46 ng/ml



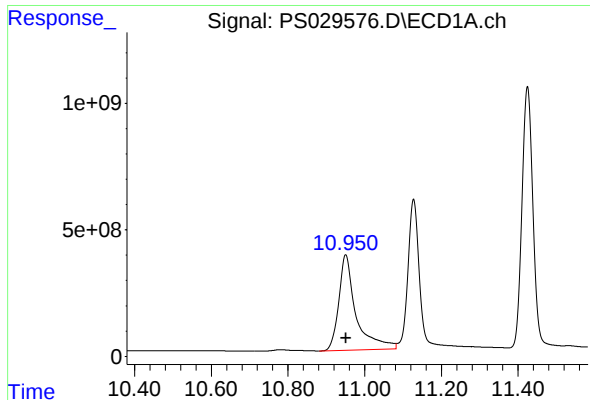
#14 DINOSEB

R.T.: 11.127 min
Delta R.T.: 0.001 min
Response: 12212489383
Conc: 688.80 ng/ml



#14 DINOSEB

R.T.: 10.972 min
Delta R.T.: -0.002 min
Response: 4140998087
Conc: 698.56 ng/ml m



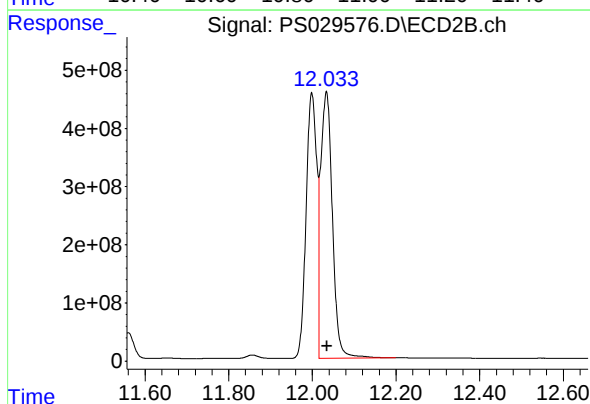
#15 Picloram

R.T.: 10.951 min
Delta R.T.: 0.000 min
Response: 11780093668
Conc: 818.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

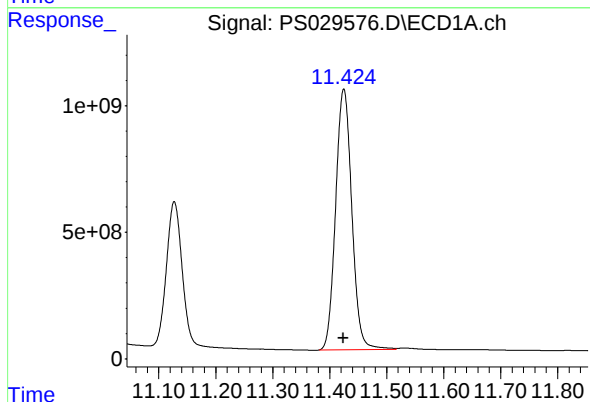
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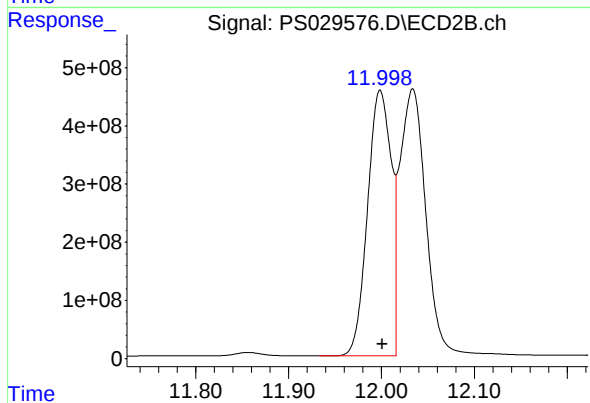
#15 Picloram

R.T.: 12.034 min
Delta R.T.: -0.001 min
Response: 8925892273
Conc: 715.43 ng/ml



#16 DCPA

R.T.: 11.425 min
Delta R.T.: 0.000 min
Response: 20364074960
Conc: 706.33 ng/ml



#16 DCPA

R.T.: 11.999 min
Delta R.T.: -0.002 min
Response: 8112472026
Conc: 723.57 ng/ml