

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041725\
 Data File : PS029836.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2025 09:01
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/18/2025
 Supervised By : mohammad ahmed 04/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 23:41:19 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 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	6.950	7.474	1531.8E6	480.9E6	751.324	705.617
Target Compounds							
1) T	Dalapon	2.455	2.531	2384.4E6	1029.0E6	702.876	648.123
2) T	3,5-DICHL...	6.154	6.469	2209.4E6	631.4E6	734.562	653.916
3) T	4-Nitroph...	6.741	7.008	1025.2E6	468.1E6	729.755	660.281
5) T	DICAMBA	7.127	7.660	6114.1E6	2569.9E6	734.696	695.819
6) T	MCPD	7.305	7.767	392.4E6	108.6E6	72.392	64.335
7) T	MCPA	7.448	7.998	523.0E6	144.5E6	71.943m	63.499
8) T	DICHLORPROP	7.808	8.355	1515.6E6	647.0E6	689.065	669.690
9) T	2,4-D	8.028	8.669	1689.9E6	721.0E6	701.303	668.580
10) T	Pentachlo...	8.307	9.171	21865.2E6	13408.1E6	719.130	747.896
11) T	2,4,5-TP ...	8.872	9.550	8607.7E6	5344.6E6	741.064	740.968
12) T	2,4,5-T	9.154	9.956	8675.6E6	5000.3E6	754.114	745.998
13) T	2,4-DB	9.714	10.514	1401.4E6	518.1E6	771.368	698.251
14) T	DINOSEB	10.878	10.889	6245.6E6	3651.9E6	739.821	714.275
15) T	Picloram	10.696	11.929	11230.8E6	8444.2E6	724.551	714.133m
16) T	DCPA	11.179	11.925	10711.5E6	6902.9E6	766.964	779.928m

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

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Acq On : 17 Apr 2025 09:01
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

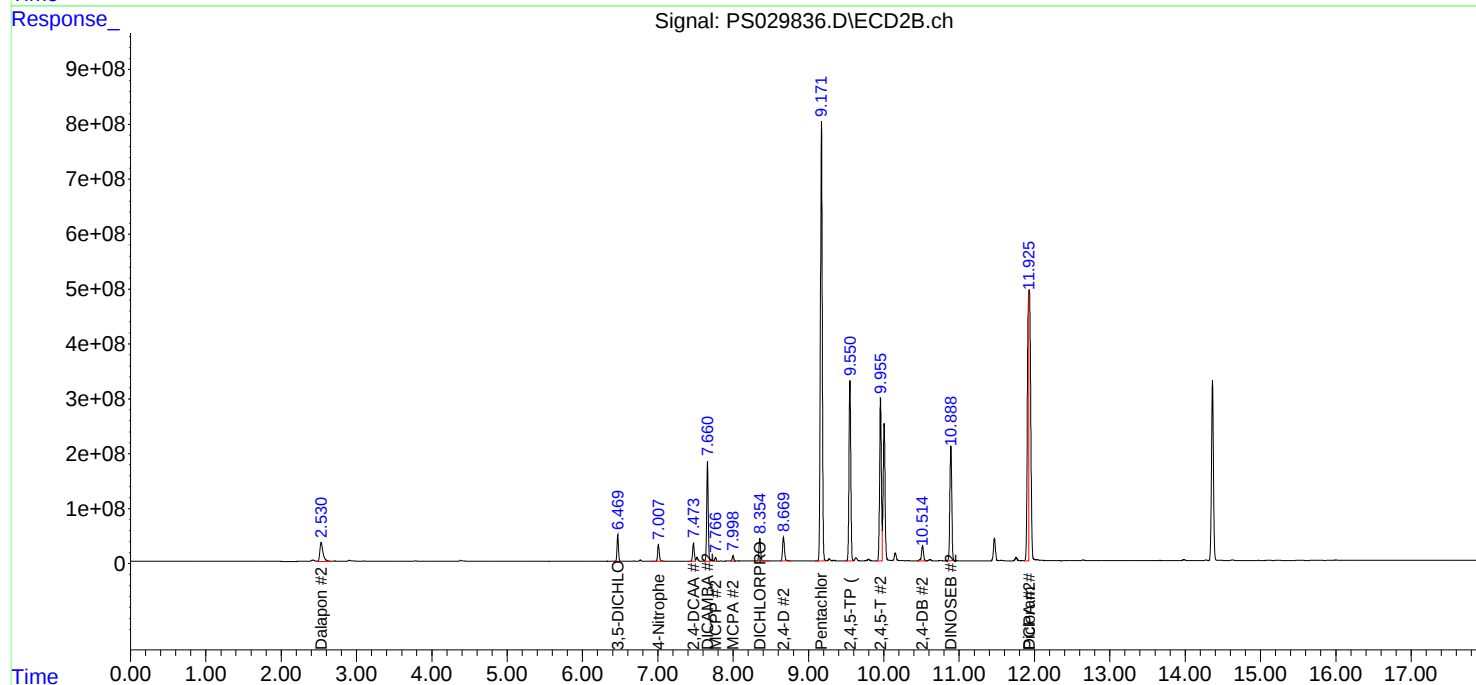
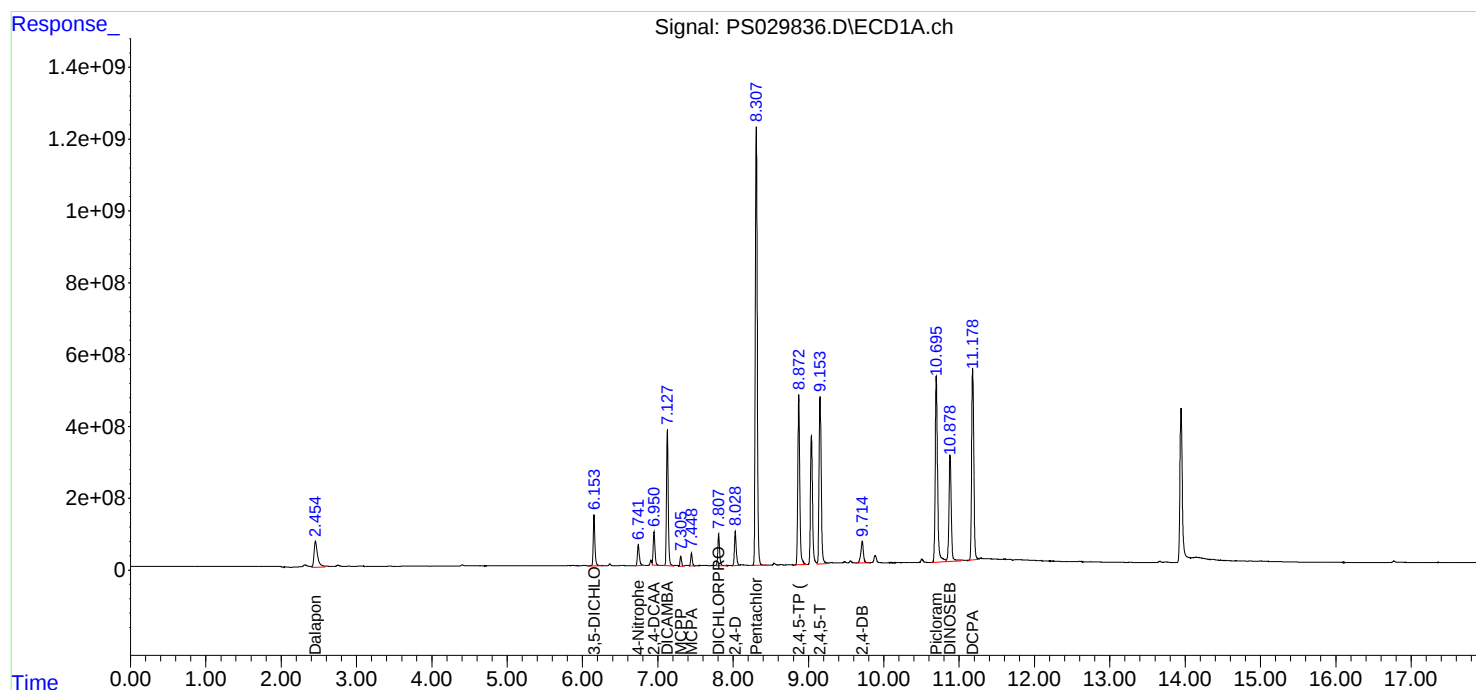
Instrument :
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ClientSampleId :
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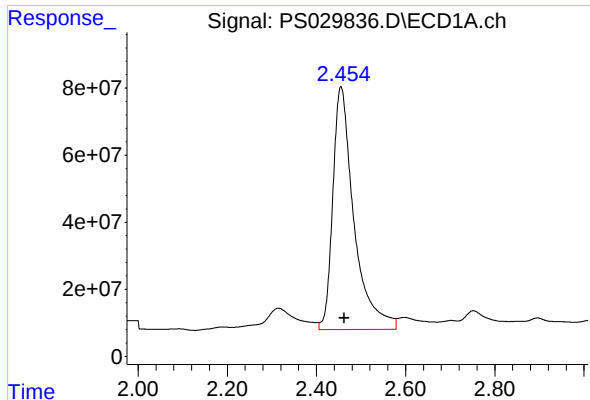
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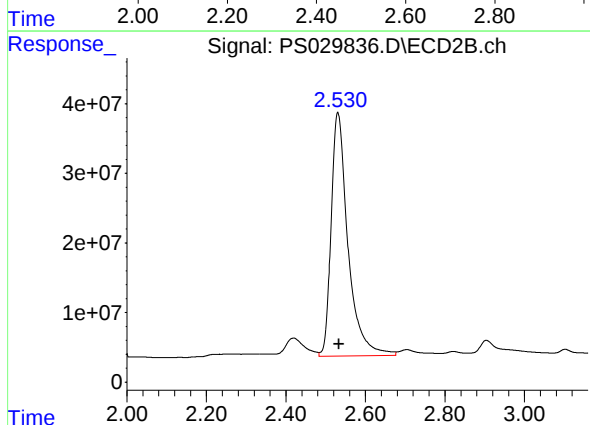
#1 Dalapon

R.T.: 2.455 min
Delta R.T.: -0.008 min
Response: 2384435027
Conc: 702.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

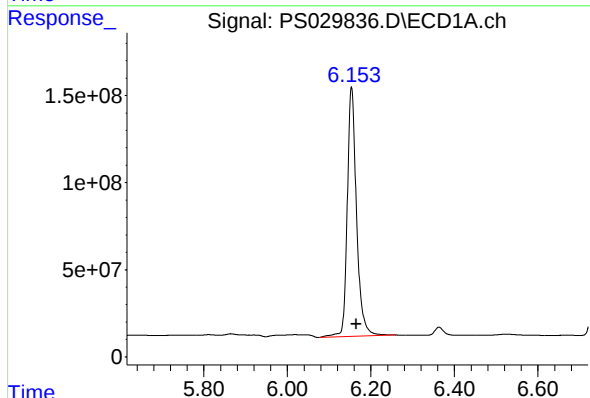
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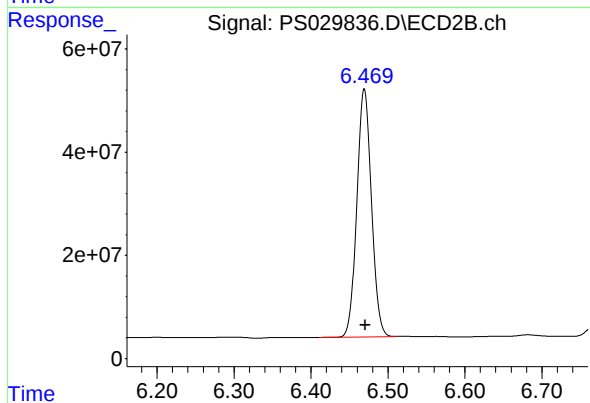
#1 Dalapon

R.T.: 2.531 min
Delta R.T.: -0.002 min
Response: 1028957371
Conc: 648.12 ng/ml



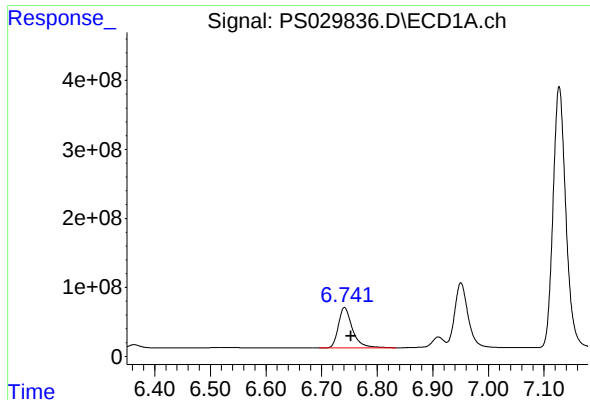
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.154 min
Delta R.T.: -0.011 min
Response: 2209384495
Conc: 734.56 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.469 min
Delta R.T.: -0.001 min
Response: 631392978
Conc: 653.92 ng/ml



#3 4-Nitrophenol

R.T.: 6.741 min
Delta R.T.: -0.012 min
Response: 1025159040
Conc: 729.76 ng/ml

Instrument :

ECD_S

ClientSampleId :

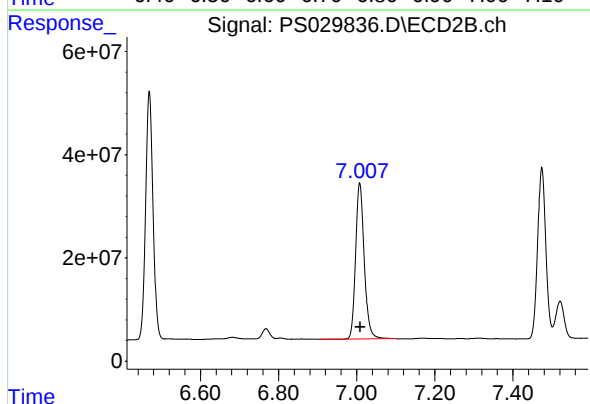
HSTDCCC750

Manual Integrations

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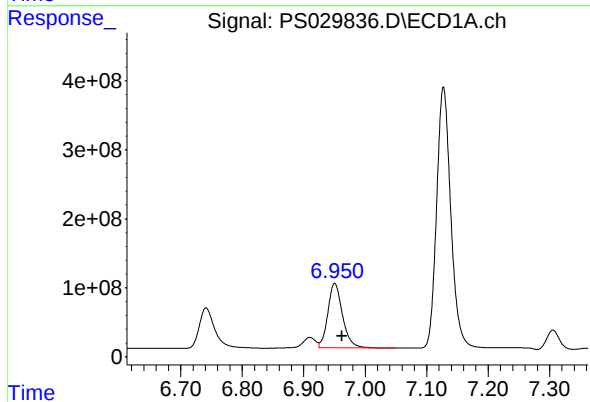
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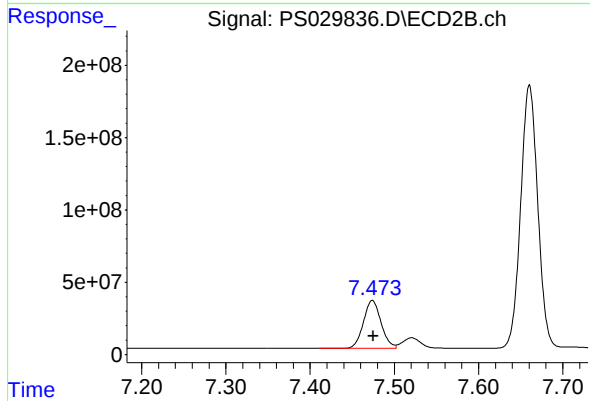
#3 4-Nitrophenol

R.T.: 7.008 min
Delta R.T.: -0.002 min
Response: 468137919
Conc: 660.28 ng/ml



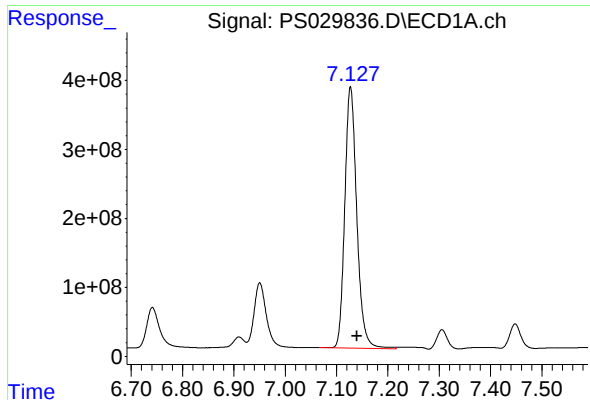
#4 2,4-DCAA

R.T.: 6.950 min
Delta R.T.: -0.012 min
Response: 1531822781
Conc: 751.32 ng/ml



#4 2,4-DCAA

R.T.: 7.474 min
Delta R.T.: 0.000 min
Response: 480887181
Conc: 705.62 ng/ml



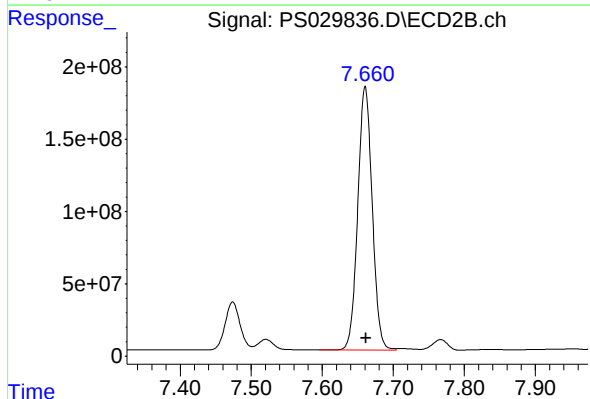
#5 DICAMBA

R.T.: 7.127 min
Delta R.T.: -0.013 min
Response: 6114101030
Conc: 734.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

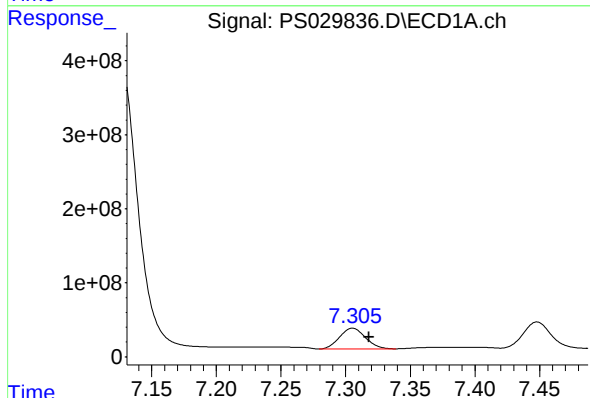
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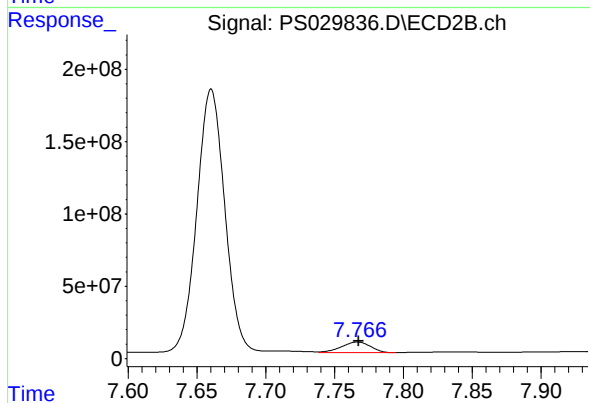
#5 DICAMBA

R.T.: 7.660 min
Delta R.T.: -0.001 min
Response: 2569917485
Conc: 695.82 ng/ml



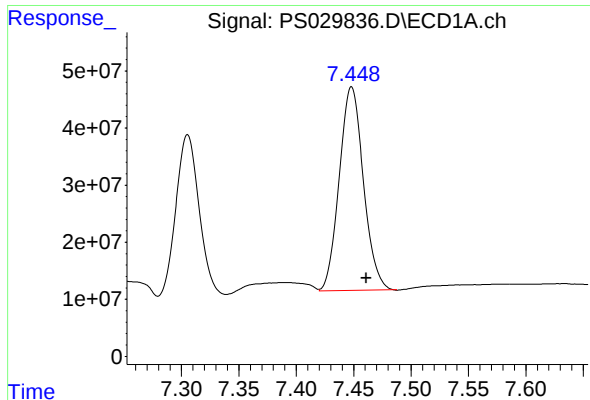
#6 MCPP

R.T.: 7.305 min
Delta R.T.: -0.013 min
Response: 392355460
Conc: 72.39 ug/ml



#6 MCPP

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 108627984
Conc: 64.33 ug/ml



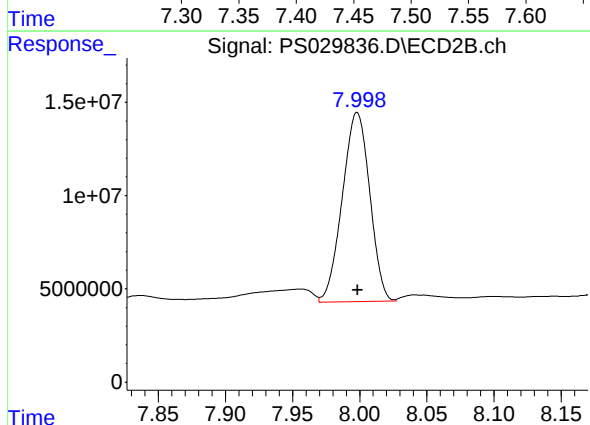
#7 MCPA

R.T.: 7.448 min
Delta R.T.: -0.014 min
Response: 522957181
Conc: 71.94 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

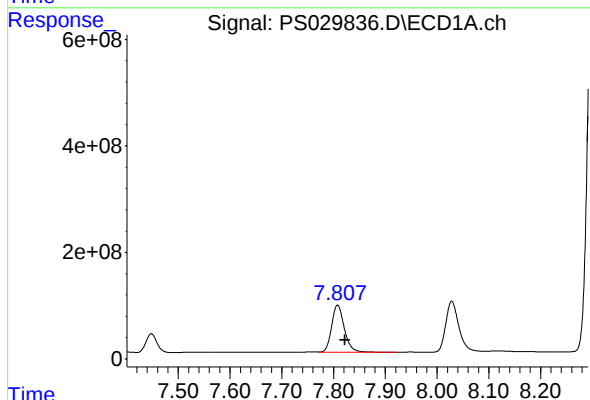
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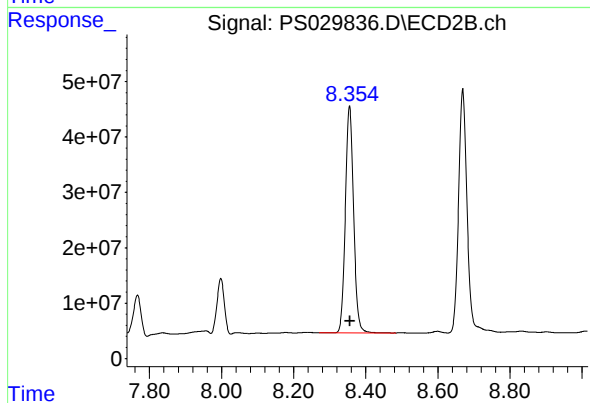
#7 MCPA

R.T.: 7.998 min
Delta R.T.: 0.000 min
Response: 144477332
Conc: 63.50 ug/ml



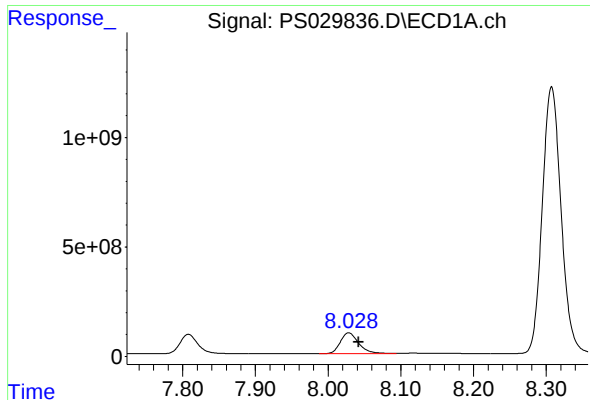
#8 DICHLORPROP

R.T.: 7.808 min
Delta R.T.: -0.014 min
Response: 1515556805
Conc: 689.07 ng/ml



#8 DICHLORPROP

R.T.: 8.355 min
Delta R.T.: -0.001 min
Response: 647022451
Conc: 669.69 ng/ml



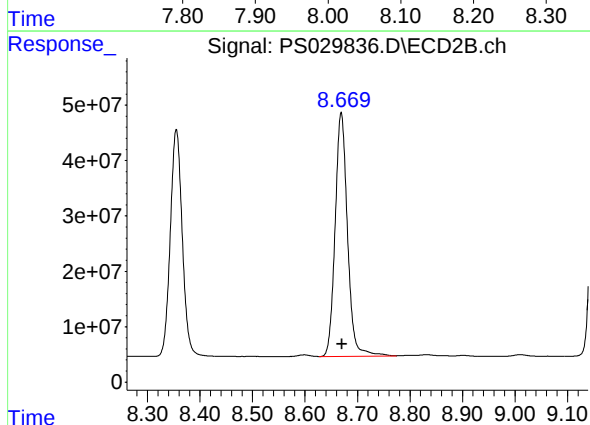
#9 2,4-D

R.T.: 8.028 min
Delta R.T.: -0.014 min
Response: 1689853974
Conc: 701.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

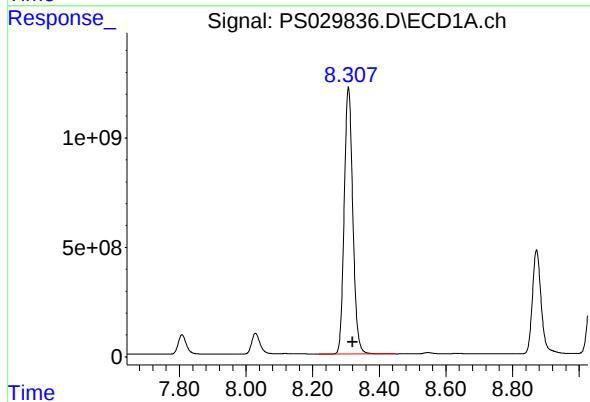
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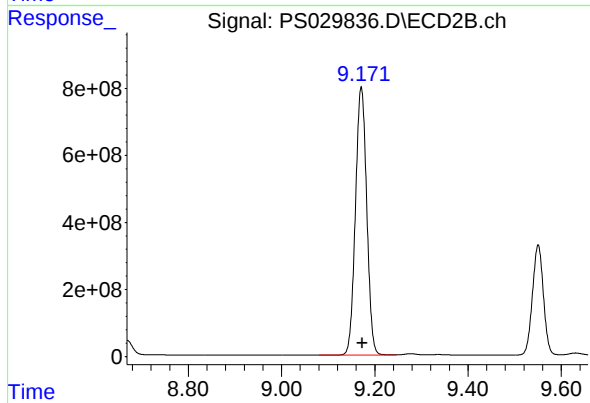
#9 2,4-D

R.T.: 8.669 min
Delta R.T.: -0.002 min
Response: 721040047
Conc: 668.58 ng/ml



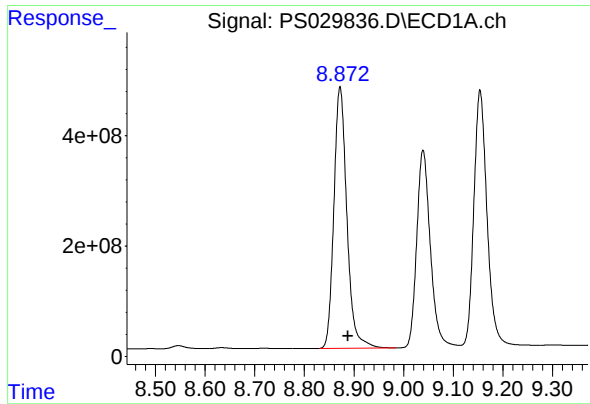
#10 Pentachlorophenol

R.T.: 8.307 min
Delta R.T.: -0.013 min
Response: 21865154161
Conc: 719.13 ng/ml



#10 Pentachlorophenol

R.T.: 9.171 min
Delta R.T.: -0.002 min
Response: 13408078638
Conc: 747.90 ng/ml



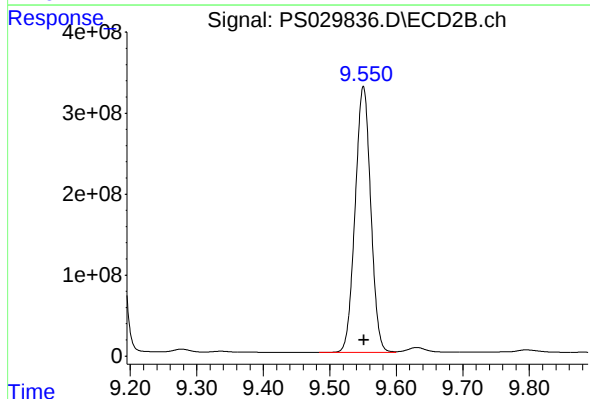
#11 2,4,5-TP (SILVEX)

R.T.: 8.872 min
Delta R.T.: -0.016 min
Response: 8607723189
Conc: 741.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

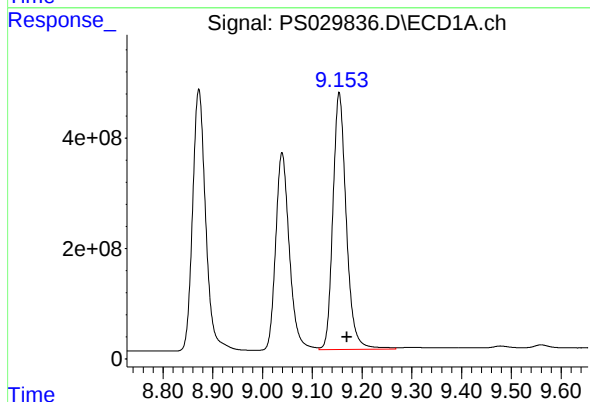
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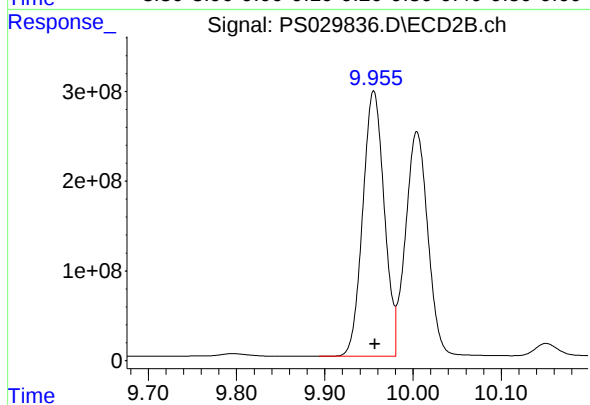
#11 2,4,5-TP (SILVEX)

R.T.: 9.550 min
Delta R.T.: 0.000 min
Response: 5344570672
Conc: 740.97 ng/ml



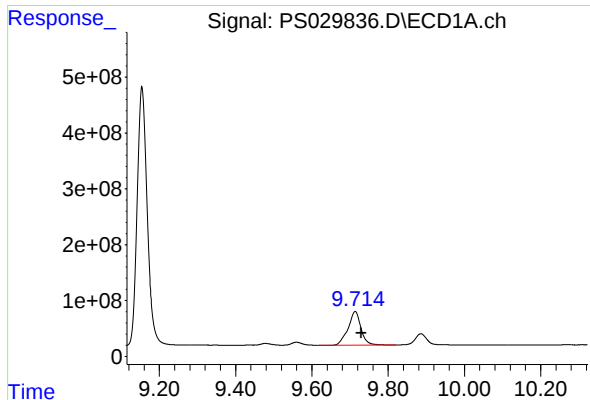
#12 2,4,5-T

R.T.: 9.154 min
Delta R.T.: -0.016 min
Response: 8675646172
Conc: 754.11 ng/ml



#12 2,4,5-T

R.T.: 9.956 min
Delta R.T.: -0.001 min
Response: 5000301686
Conc: 746.00 ng/ml



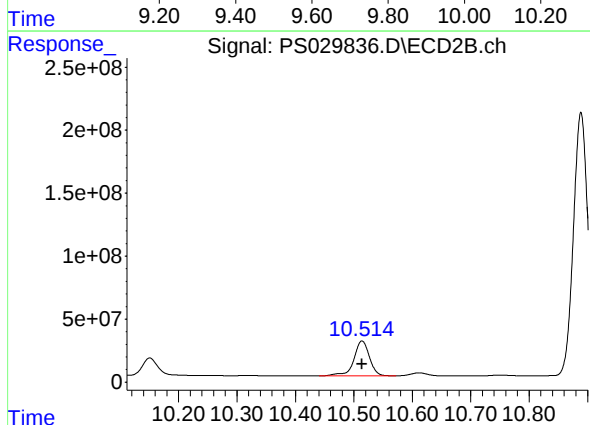
#13 2,4-DB

R.T.: 9.714 min
Delta R.T.: -0.016 min
Response: 1401378631
Conc: 771.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
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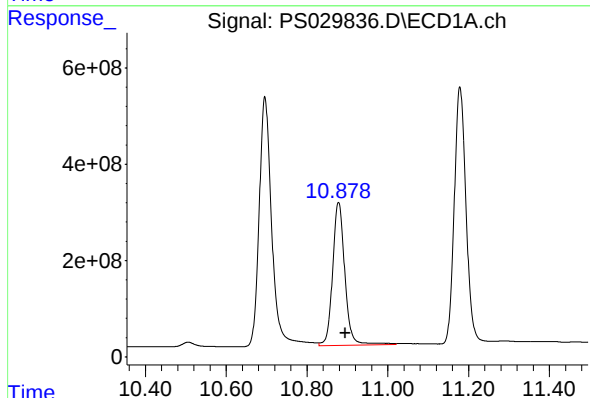
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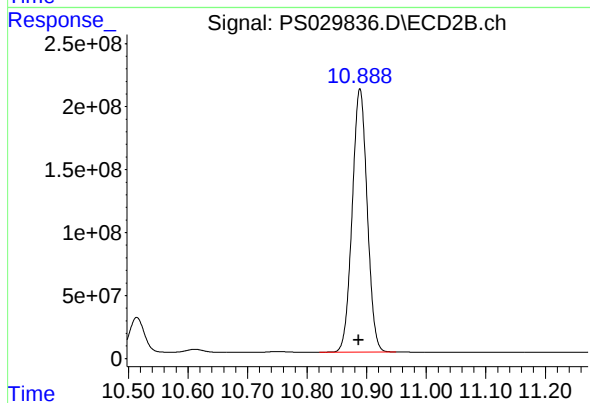
#13 2,4-DB

R.T.: 10.514 min
Delta R.T.: 0.000 min
Response: 518084961
Conc: 698.25 ng/ml



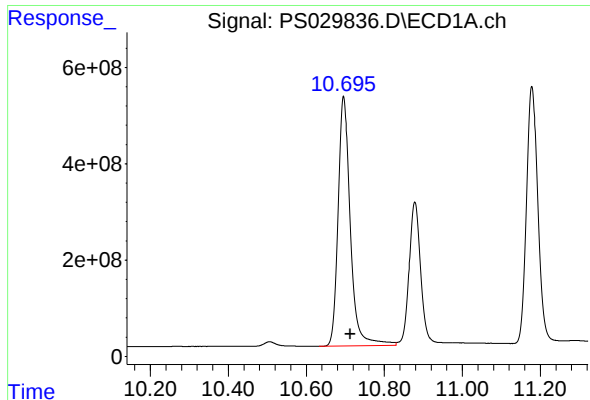
#14 DINOSEB

R.T.: 10.878 min
Delta R.T.: -0.017 min
Response: 6245596116
Conc: 739.82 ng/ml



#14 DINOSEB

R.T.: 10.889 min
Delta R.T.: 0.002 min
Response: 3651945174
Conc: 714.27 ng/ml



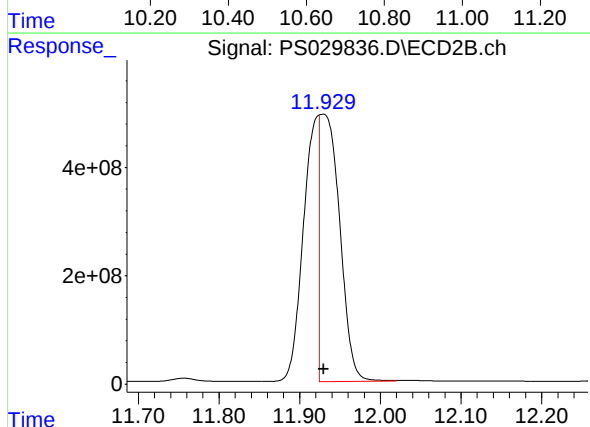
#15 Picloram

R.T.: 10.696 min
Delta R.T.: -0.017 min
Response: 11230831288
Conc: 724.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

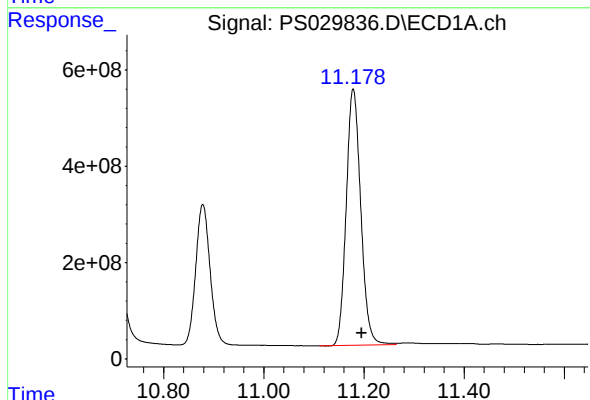
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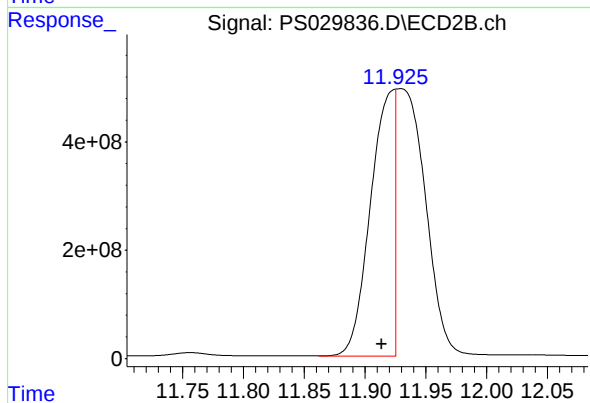
#15 Picloram

R.T.: 11.929 min
Delta R.T.: 0.000 min
Response: 8444207188
Conc: 714.13 ng/ml m



#16 DCPA

R.T.: 11.179 min
Delta R.T.: -0.017 min
Response: 10711496234
Conc: 766.96 ng/ml



#16 DCPA

R.T.: 11.925 min
Delta R.T.: 0.012 min
Response: 6902883109
Conc: 779.93 ng/ml m