

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
 Data File : PS030300.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 02:15
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/20/2025

Supervised By :mohammad ahmed 05/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 03:26:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.930	7.449	2184.1E6	604.4E6	766.929	755.261
Target Compounds							
1) T	Dalapon	2.445	2.518	3339.5E6	1369.2E6	679.391	674.145
2) T	3,5-DICHL...	6.136	6.450	2979.9E6	782.6E6	714.515	671.304
3) T	4-Nitroph...	6.721	6.984	1486.7E6	647.8E6	719.735	620.438
5) T	DICAMBA	7.107	7.635	8457.5E6	3460.6E6	731.782	731.943
6) T	MCP	7.286	7.743	573.7E6	132.8E6	78.777	72.193
7) T	MCPA	7.429	7.973	759.6E6	185.7E6	73.171	70.415
8) T	DICHLORPROP	7.786	8.326	2099.6E6	834.0E6	718.717	705.911
9) T	2,4-D	8.006	8.638	2386.0E6	937.1E6	727.665	726.120
10) T	Pentachlo...	8.283	9.138	30521.1E6	18583.2E6	753.593	752.815
11) T	2,4,5-TP ...	8.847	9.516	11986.6E6	7333.2E6	740.098	744.459
12) T	2,4,5-T	9.128	9.920	12352.6E6	6796.4E6	747.952	738.444
13) T	2,4-DB	9.686	10.478	2082.3E6	644.2E6	797.897	649.174
14) T	DINOSEB	10.846	10.852	8275.0E6	4937.3E6	723.566	722.681
15) T	Picloram	10.667	11.887	15907.0E6	11048.5E6	743.770	785.076m
16) T	DCPA	11.148	11.884	14886.2E6	9743.2E6	747.618	721.159m

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

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Acq On : 20 May 2025 02:15
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

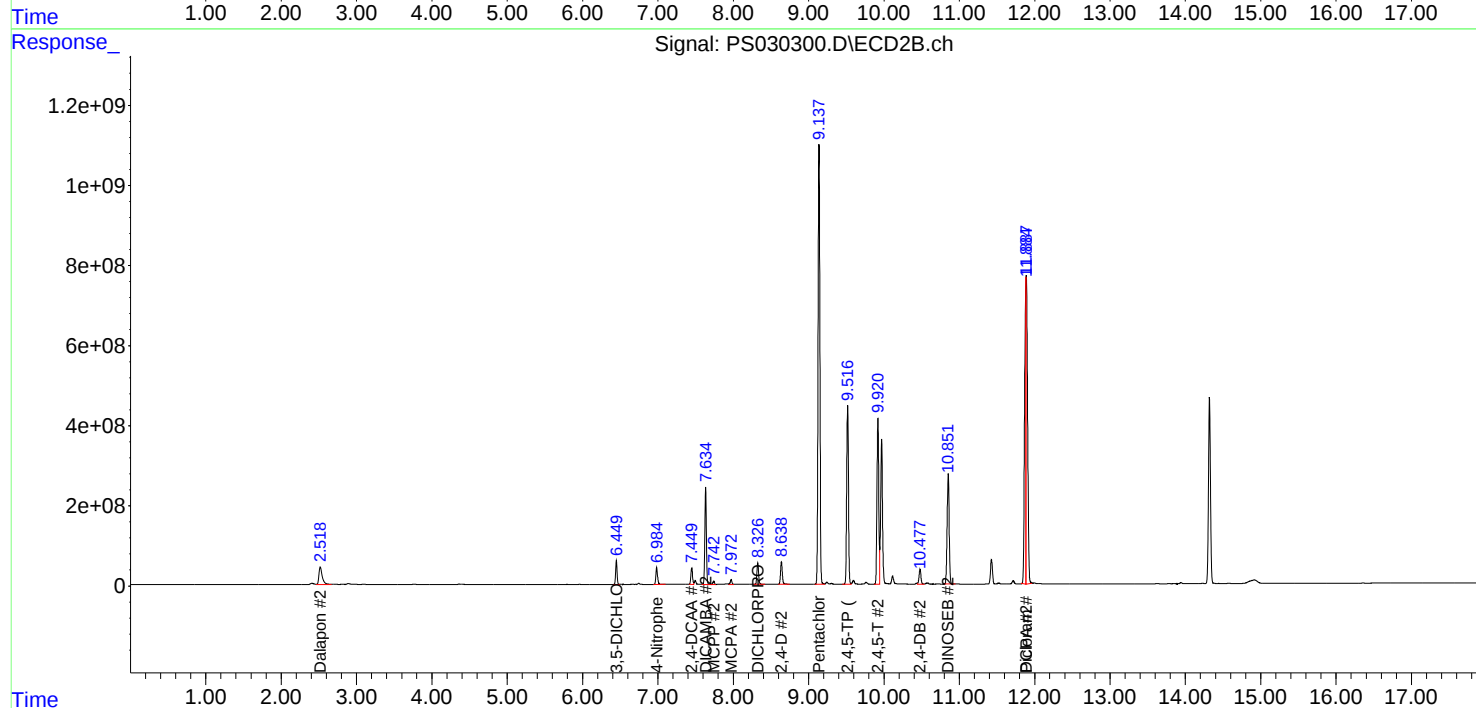
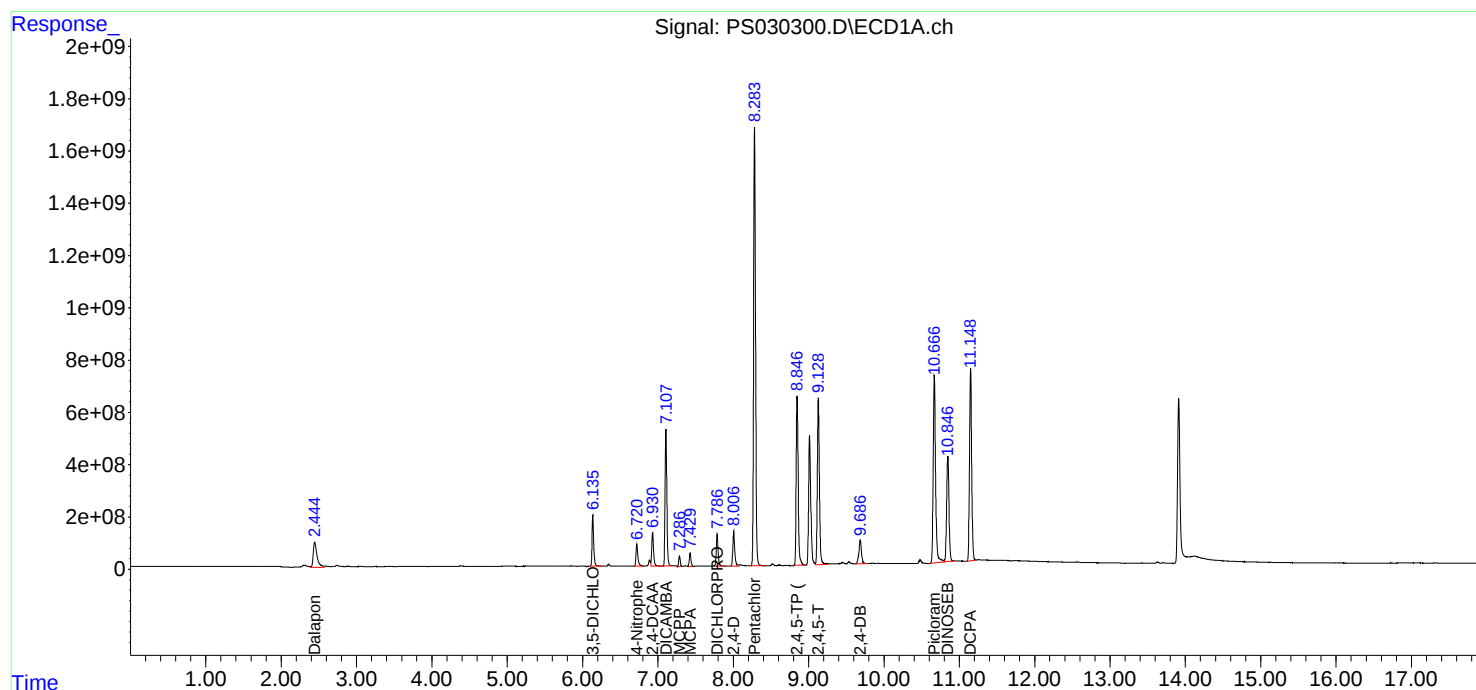
Instrument :
ECD_S
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HSTDCCC750

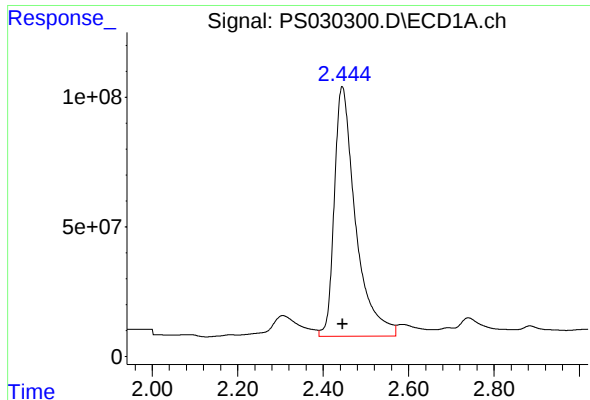
Manual Integrations
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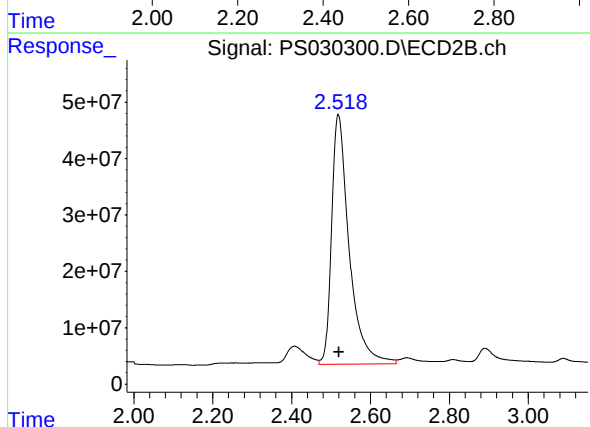
#1 Dalapon

R.T.: 2.445 min
Delta R.T.: -0.001 min
Response: 3339452096
Conc: 679.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

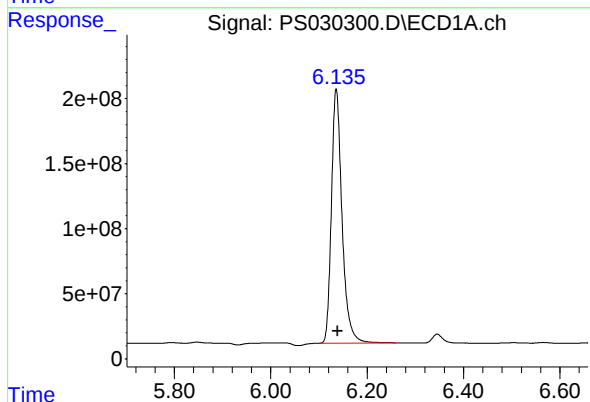
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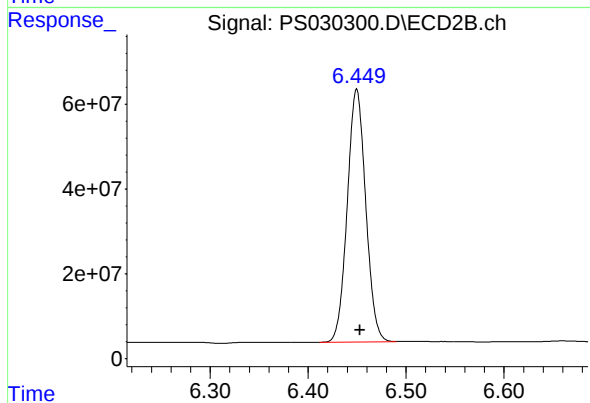
#1 Dalapon

R.T.: 2.518 min
Delta R.T.: -0.002 min
Response: 1369221358
Conc: 674.14 ng/ml



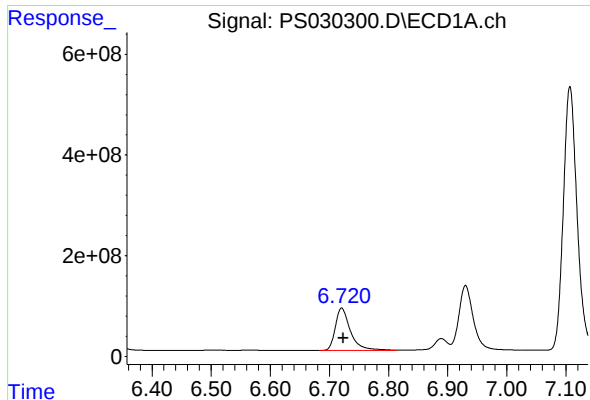
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.136 min
Delta R.T.: -0.003 min
Response: 2979921462
Conc: 714.51 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: -0.004 min
Response: 782626284
Conc: 671.30 ng/ml



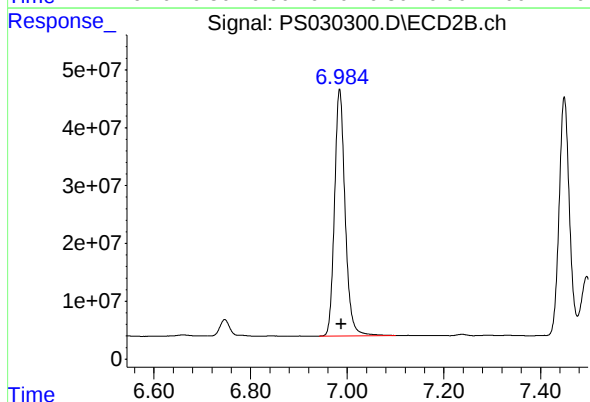
#3 4-Nitrophenol

R.T.: 6.721 min
Delta R.T.: -0.003 min
Response: 1486693641
Conc: 719.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

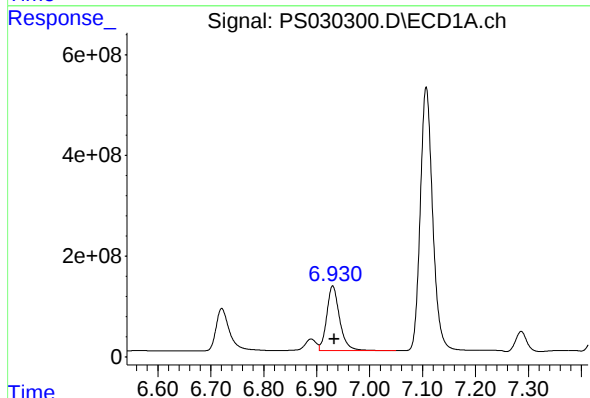
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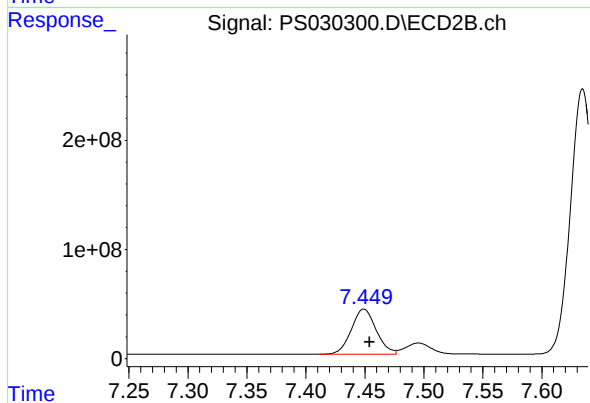
#3 4-Nitrophenol

R.T.: 6.984 min
Delta R.T.: -0.004 min
Response: 647757003
Conc: 620.44 ng/ml



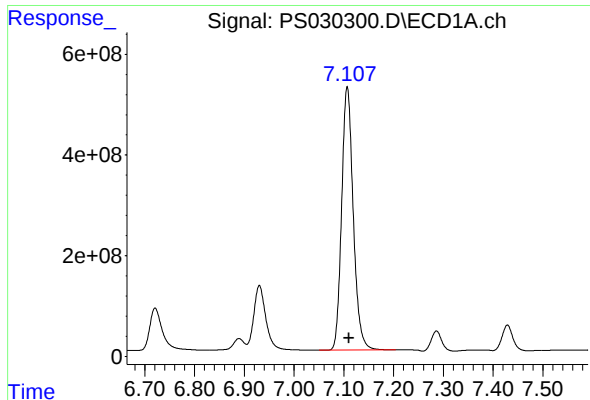
#4 2,4-DCAA

R.T.: 6.930 min
Delta R.T.: -0.003 min
Response: 2184066751
Conc: 766.93 ng/ml



#4 2,4-DCAA

R.T.: 7.449 min
Delta R.T.: -0.005 min
Response: 604362272
Conc: 755.26 ng/ml



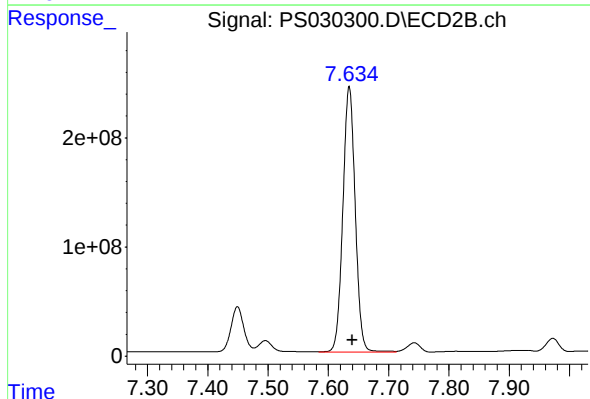
#5 DICAMBA

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 8457471825
Conc: 731.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

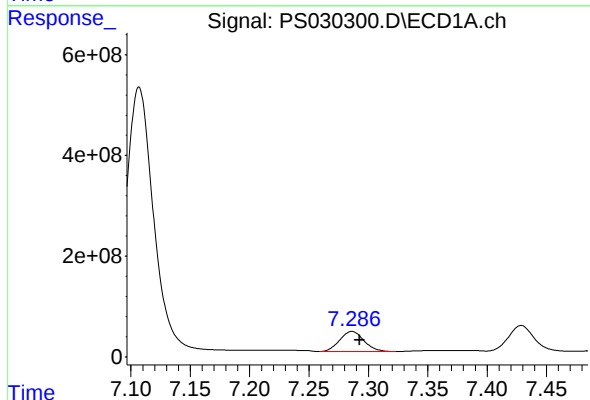
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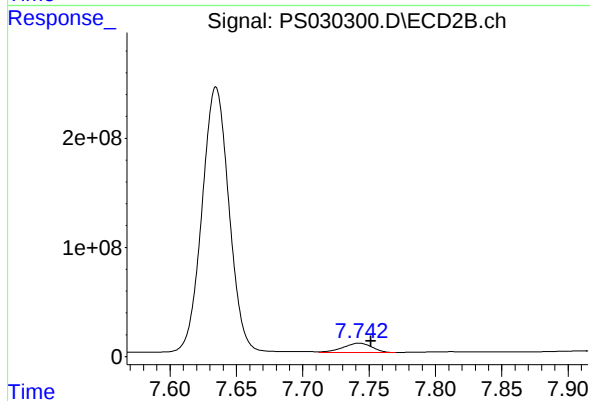
#5 DICAMBA

R.T.: 7.635 min
Delta R.T.: -0.005 min
Response: 3460609095
Conc: 731.94 ng/ml



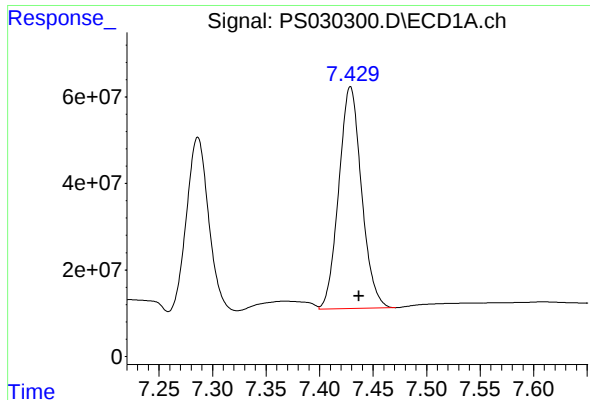
#6 MCPP

R.T.: 7.286 min
Delta R.T.: -0.007 min
Response: 573709722
Conc: 78.78 ug/ml



#6 MCPP

R.T.: 7.743 min
Delta R.T.: -0.009 min
Response: 132817690
Conc: 72.19 ug/ml



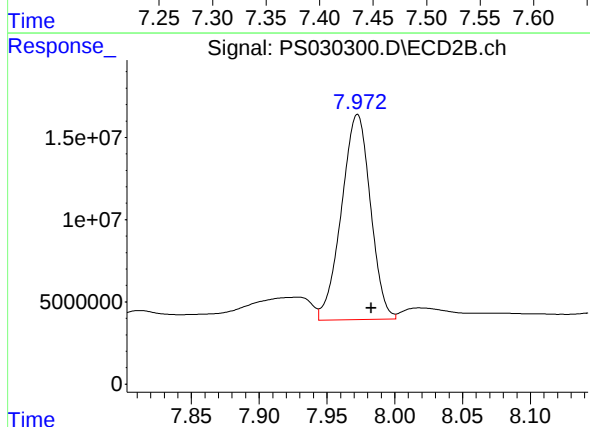
#7 MCPA

R.T.: 7.429 min
Delta R.T.: -0.008 min
Response: 759581885
Conc: 73.17 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

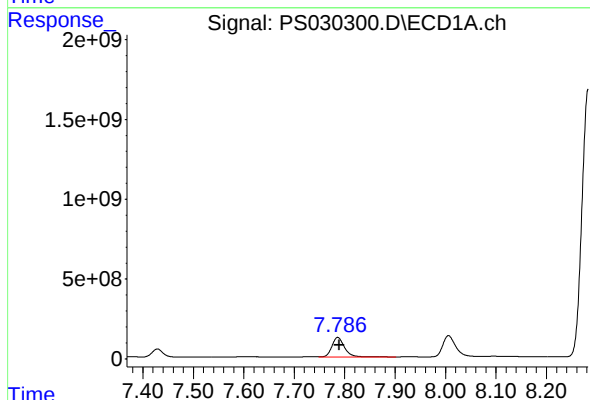
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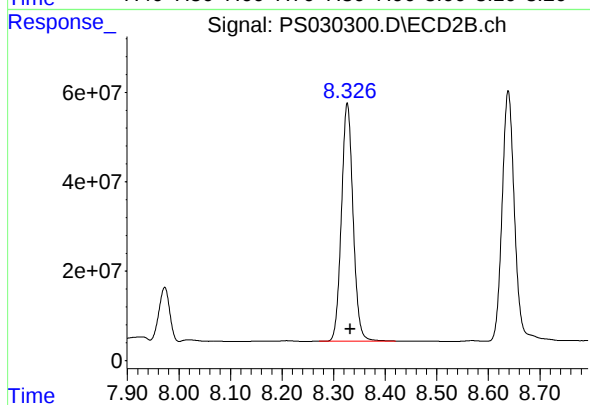
#7 MCPA

R.T.: 7.973 min
Delta R.T.: -0.010 min
Response: 185733224
Conc: 70.42 ug/ml



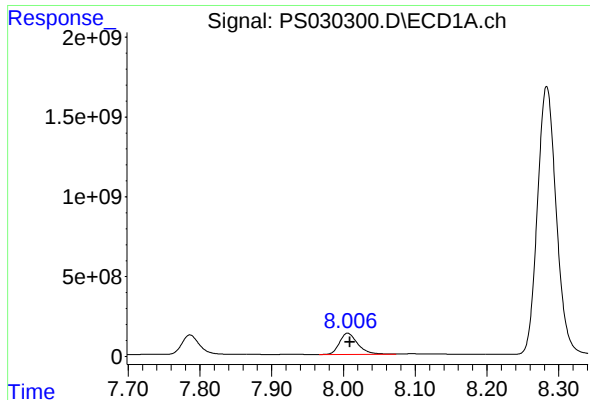
#8 DICHLORPROP

R.T.: 7.786 min
Delta R.T.: -0.003 min
Response: 2099619258
Conc: 718.72 ng/ml



#8 DICHLORPROP

R.T.: 8.326 min
Delta R.T.: -0.006 min
Response: 833986371
Conc: 705.91 ng/ml



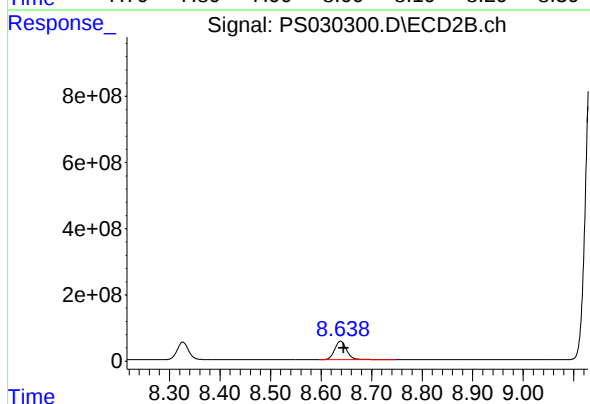
#9 2,4-D

R.T.: 8.006 min
Delta R.T.: -0.003 min
Response: 2385968727
Conc: 727.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

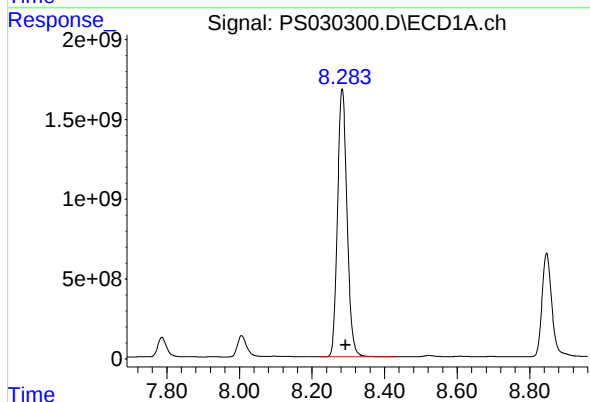
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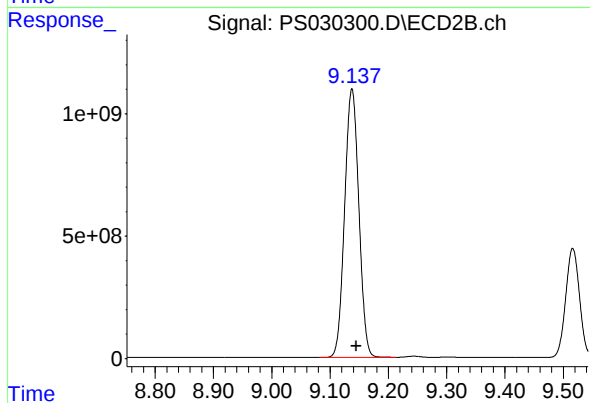
#9 2,4-D

R.T.: 8.638 min
Delta R.T.: -0.007 min
Response: 937057990
Conc: 726.12 ng/ml



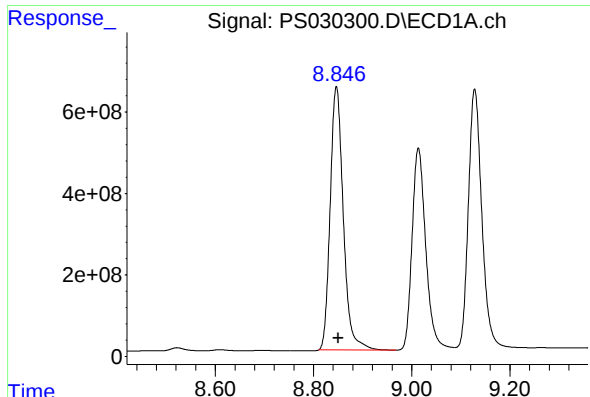
#10 Pentachlorophenol

R.T.: 8.283 min
Delta R.T.: -0.010 min
Response: 30521120084
Conc: 753.59 ng/ml



#10 Pentachlorophenol

R.T.: 9.138 min
Delta R.T.: -0.007 min
Response: 18583196875
Conc: 752.81 ng/ml



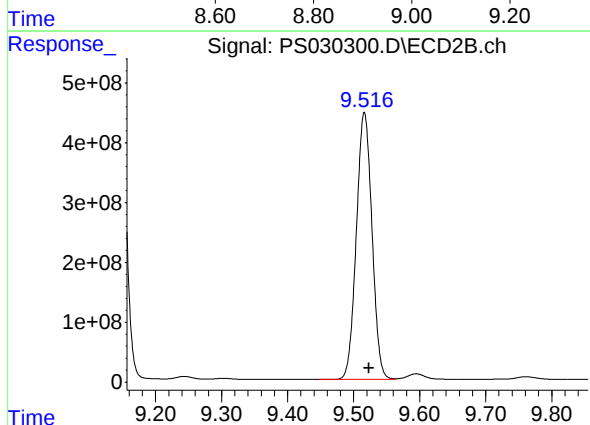
#11 2,4,5-TP (SILVEX)

R.T.: 8.847 min
Delta R.T.: -0.004 min
Response: 11986627973
Conc: 740.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

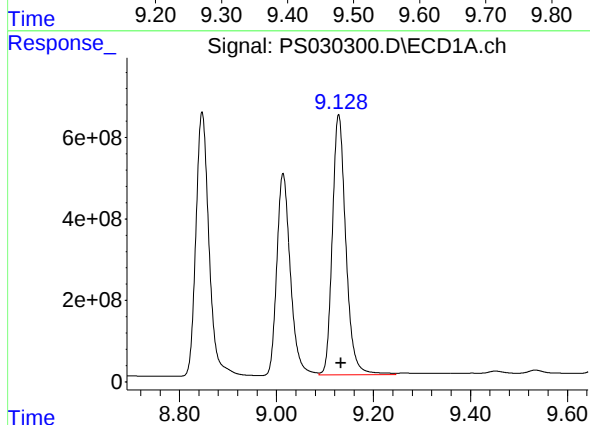
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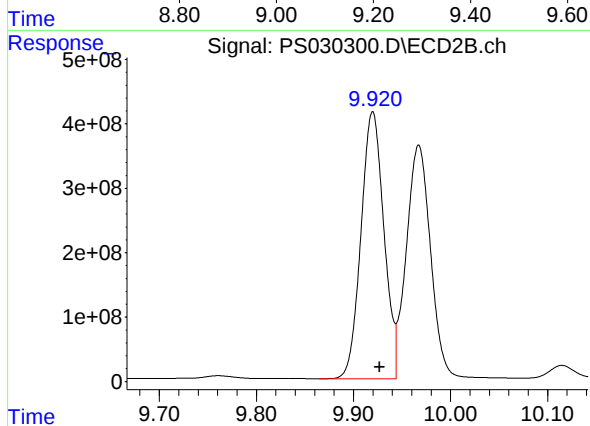
#11 2,4,5-TP (SILVEX)

R.T.: 9.516 min
Delta R.T.: -0.007 min
Response: 7333241409
Conc: 744.46 ng/ml



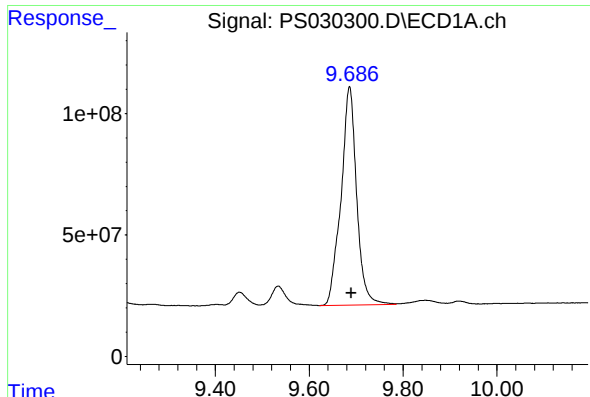
#12 2,4,5-T

R.T.: 9.128 min
Delta R.T.: -0.005 min
Response: 12352573954
Conc: 747.95 ng/ml



#12 2,4,5-T

R.T.: 9.920 min
Delta R.T.: -0.007 min
Response: 6796350436
Conc: 738.44 ng/ml



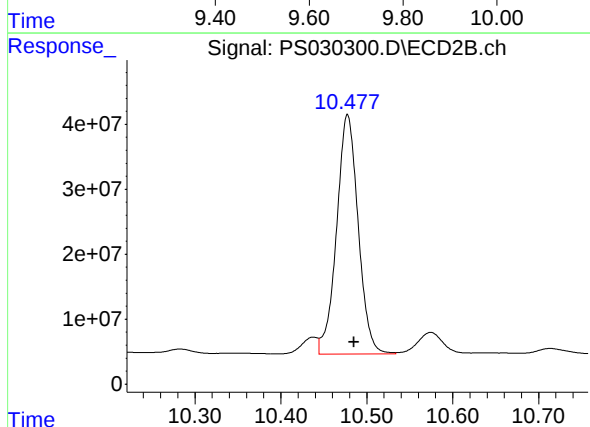
#13 2,4-DB

R.T.: 9.686 min
Delta R.T.: -0.004 min
Response: 2082329615
Conc: 797.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

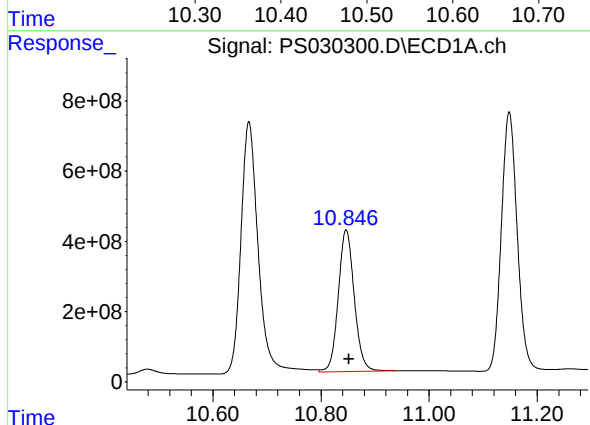
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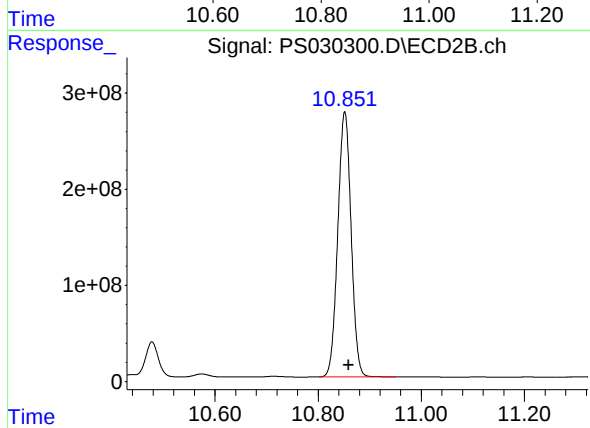
#13 2,4-DB

R.T.: 10.478 min
Delta R.T.: -0.007 min
Response: 644222318
Conc: 649.17 ng/ml



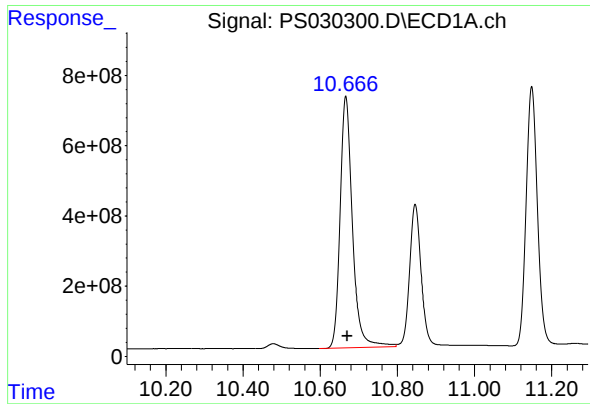
#14 DINOSEB

R.T.: 10.846 min
Delta R.T.: -0.005 min
Response: 8274954834
Conc: 723.57 ng/ml



#14 DINOSEB

R.T.: 10.852 min
Delta R.T.: -0.007 min
Response: 4937346117
Conc: 722.68 ng/ml



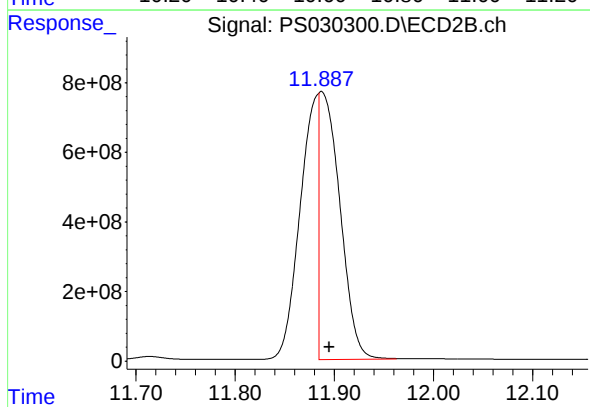
#15 Picloram

R.T.: 10.667 min
Delta R.T.: -0.004 min
Response: 15906996568
Conc: 743.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

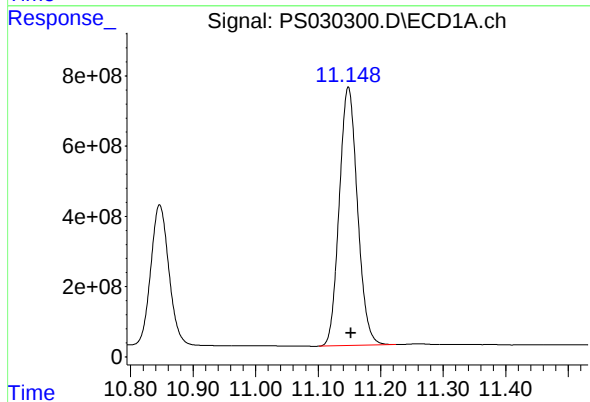
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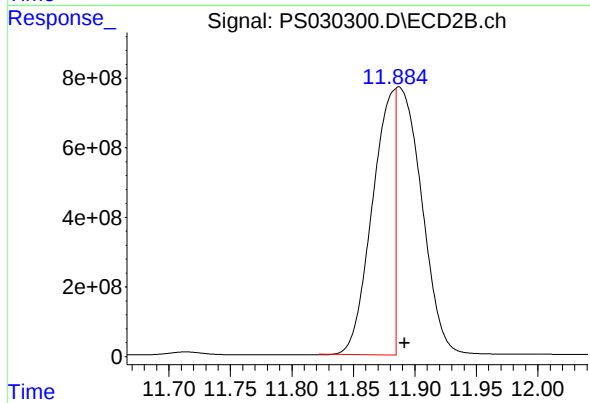
#15 Picloram

R.T.: 11.887 min
Delta R.T.: -0.008 min
Response: 11048464757
Conc: 785.08 ng/ml m



#16 DCPA

R.T.: 11.148 min
Delta R.T.: -0.005 min
Response: 14886179157
Conc: 747.62 ng/ml



#16 DCPA

R.T.: 11.884 min
Delta R.T.: -0.008 min
Response: 9743227720
Conc: 721.16 ng/ml m