

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052025\
 Data File : PS030311.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 18:48
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/21/2025
 Supervised By : mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 02:27:50 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 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	6.930	7.449	2081.0E6	593.1E6	730.750	741.224
Target Compounds							
1) T	Dalapon	2.446	2.519	3320.4E6	1352.2E6	675.520	665.788
2) T	3,5-DICHL...	6.136	6.449	2876.0E6	771.6E6	689.589	661.835
3) T	4-Nitroph...	6.720	6.984	1378.7E6	642.4E6	667.431	615.324
5) T	DICAMBA	7.107	7.634	8284.2E6	3474.0E6	716.791	734.783
6) T	MCP	7.286	7.743	545.9E6	120.2E6	74.958	65.358
7) T	MCPA	7.429	7.972	709.8E6	164.6E6	68.380	62.404
8) T	DICHLORPROP	7.786	8.326	1987.4E6	804.7E6	680.288	681.117
9) T	2,4-D	8.005	8.638	2235.8E6	897.0E6	681.869	695.074
10) T	Pentachlo...	8.283	9.137	28983.3E6	18187.0E6	715.623	736.764
11) T	2,4,5-TP ...	8.846	9.516	11313.7E6	7211.8E6	698.549	732.131
12) T	2,4,5-T	9.128	9.919	11461.9E6	6685.5E6	694.024	726.402
13) T	2,4-DB	9.685	10.476	1945.2E6	613.0E6	745.348	617.698m
14) T	DINOSEB	10.846	10.851	7548.0E6	4847.7E6	660.002	709.555
15) T	Picloram	10.666	11.886	15372.9E6	9809.9E6	718.798	697.068m
16) T	DCPA	11.148	11.883	13596.3E6	9659.6E6	682.839	714.969m

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

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

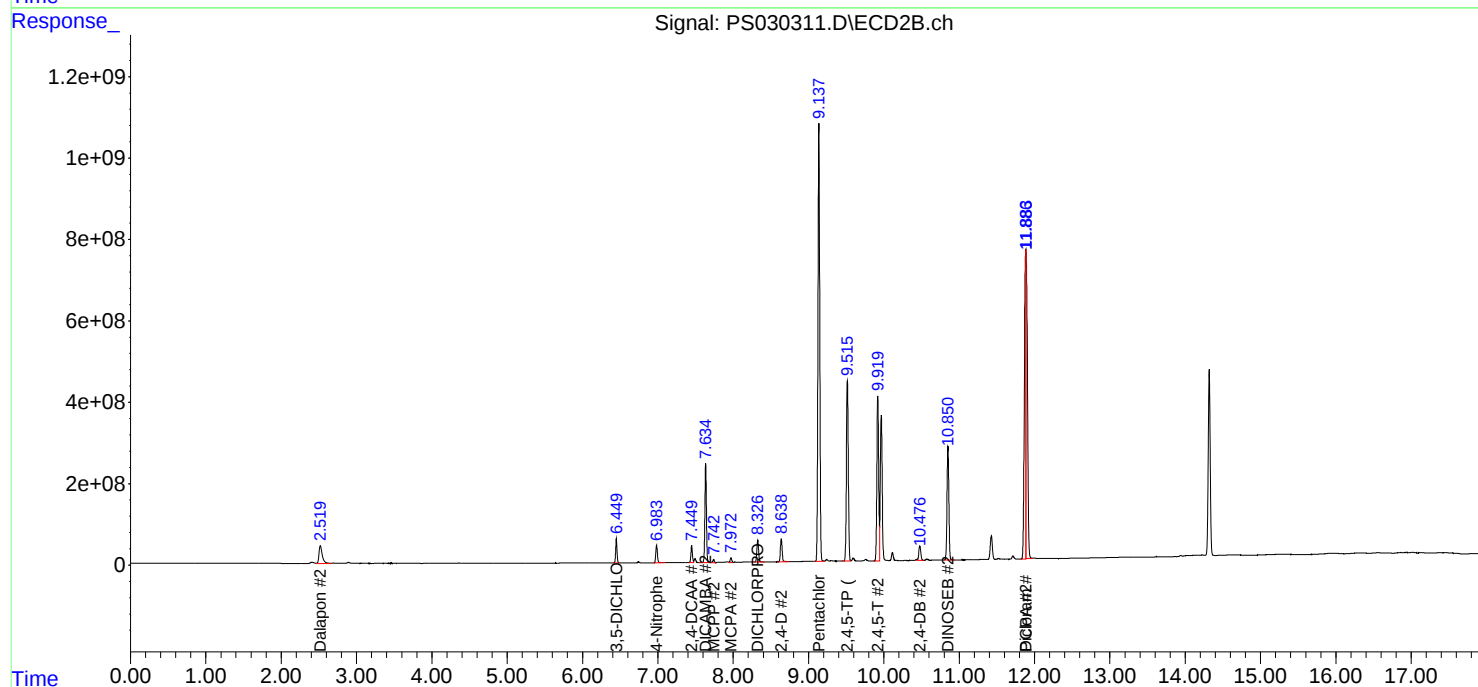
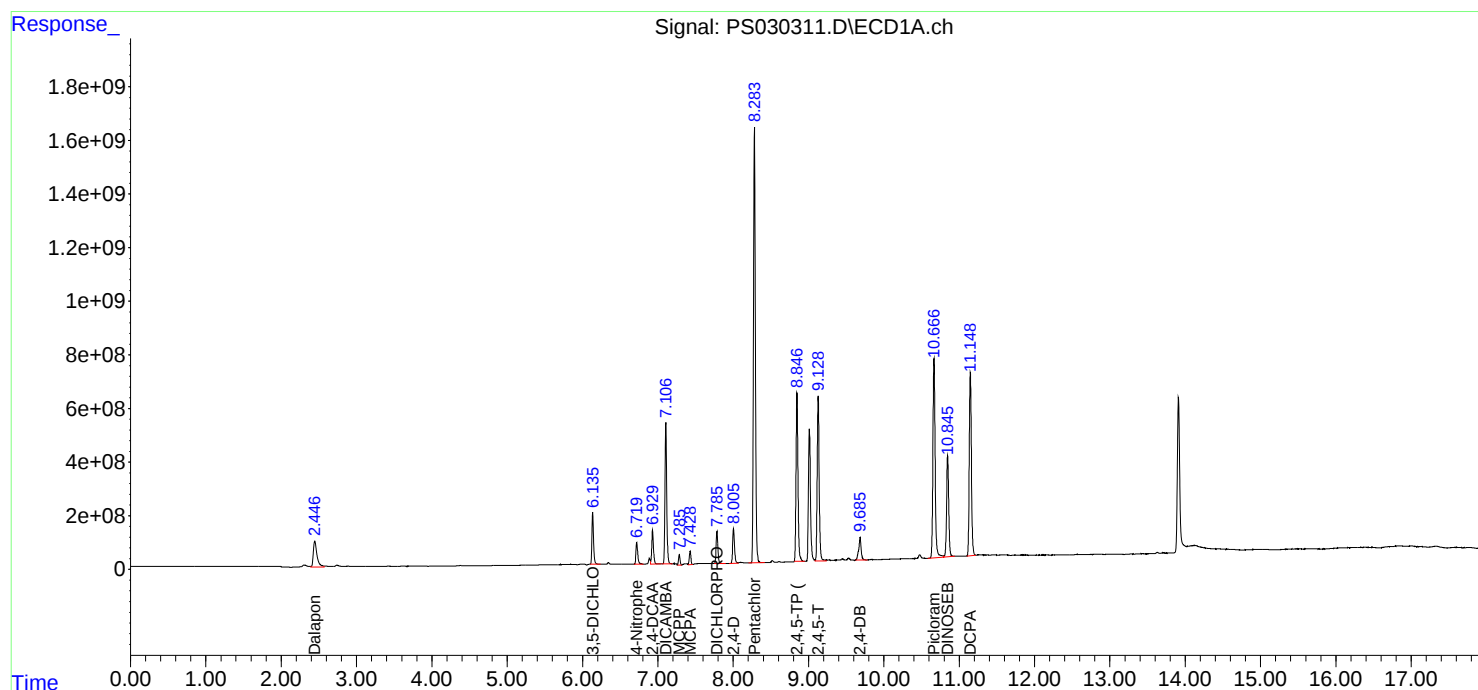
Instrument :
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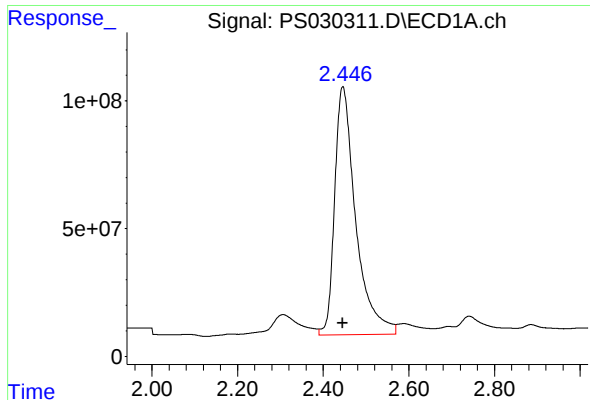
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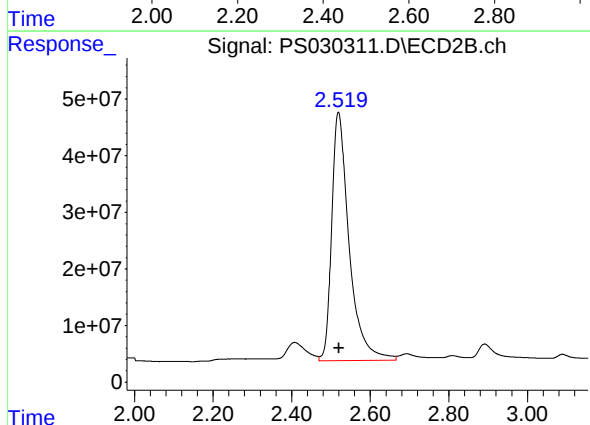
#1 Dalapon

R.T.: 2.446 min
Delta R.T.: 0.000 min
Response: 3320423637
Conc: 675.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

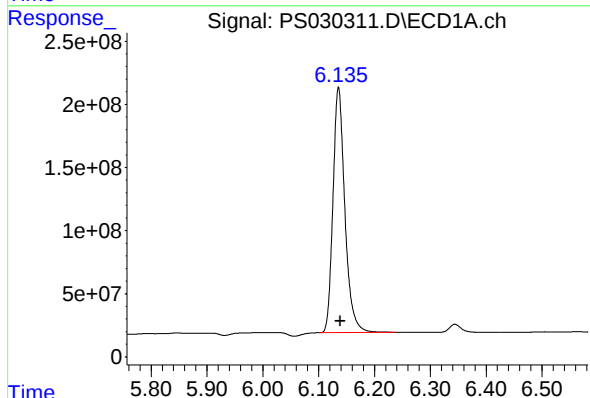
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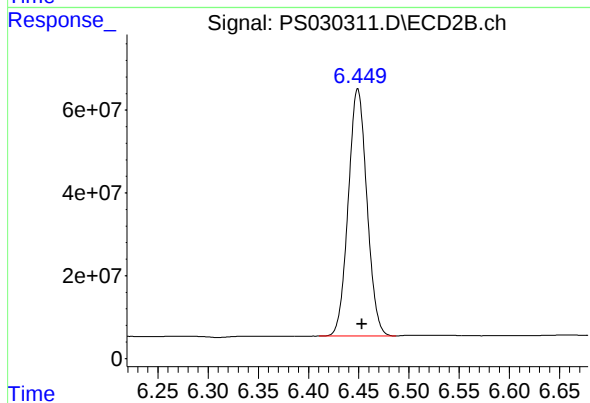
#1 Dalapon

R.T.: 2.519 min
Delta R.T.: -0.001 min
Response: 1352248077
Conc: 665.79 ng/ml



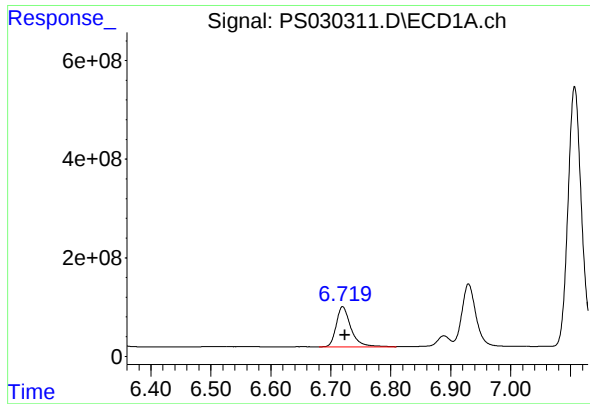
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.136 min
Delta R.T.: -0.003 min
Response: 2875965540
Conc: 689.59 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min
Delta R.T.: -0.004 min
Response: 771586710
Conc: 661.83 ng/ml



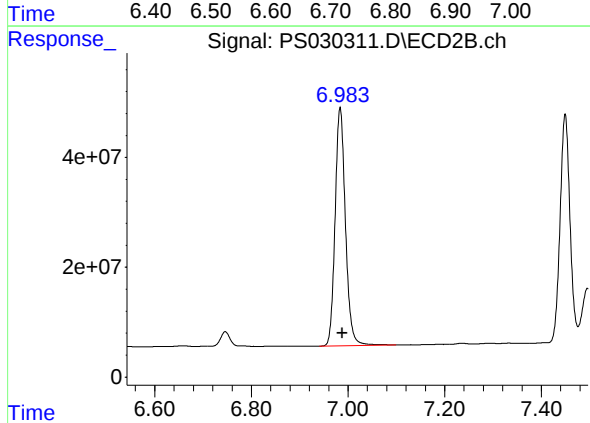
#3 4-Nitrophenol

R.T.: 6.720 min
Delta R.T.: -0.004 min
Response: 1378655062
Conc: 667.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

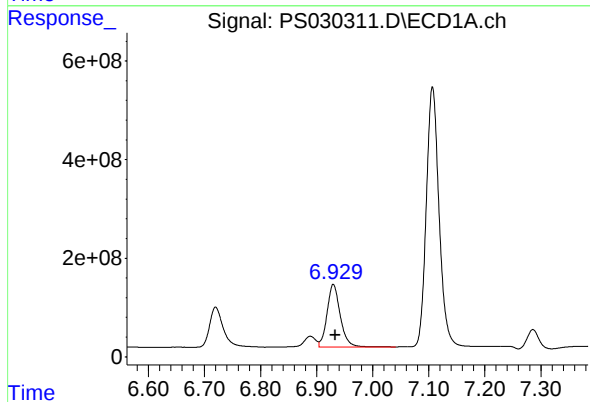
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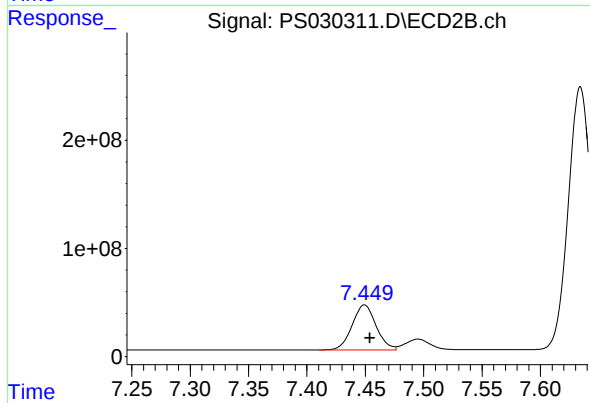
#3 4-Nitrophenol

R.T.: 6.984 min
Delta R.T.: -0.005 min
Response: 642418229
Conc: 615.32 ng/ml



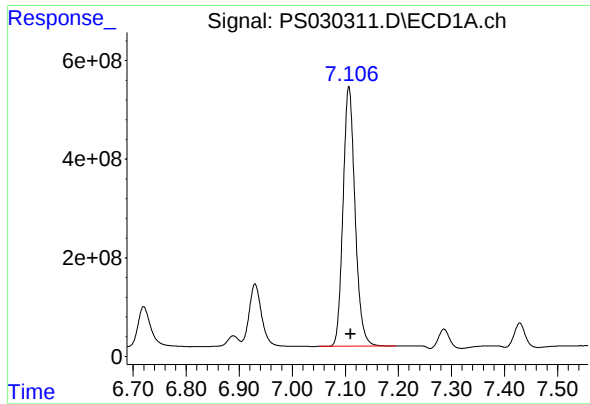
#4 2,4-DCAA

R.T.: 6.930 min
Delta R.T.: -0.004 min
Response: 2081035960
Conc: 730.75 ng/ml



#4 2,4-DCAA

R.T.: 7.449 min
Delta R.T.: -0.005 min
Response: 593130007
Conc: 741.22 ng/ml



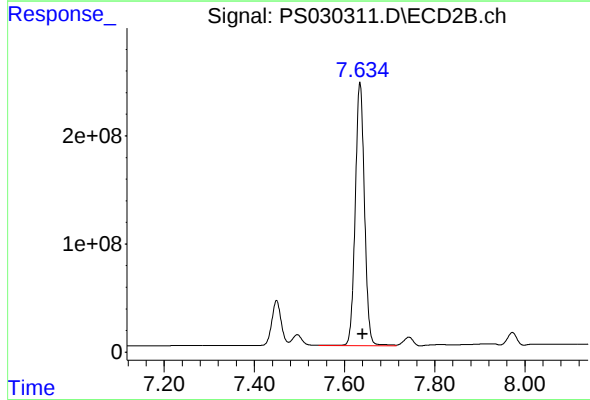
#5 DICAMBA

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 8284219028
Conc: 716.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

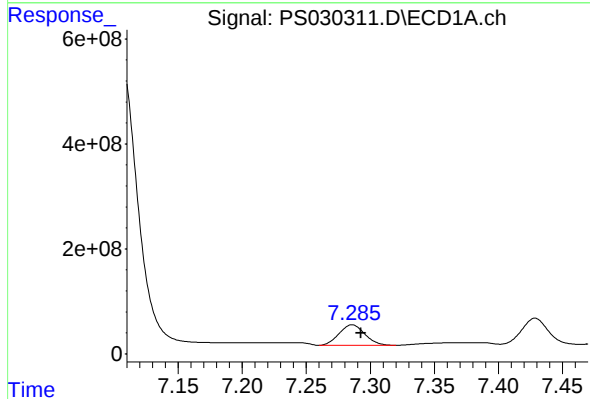
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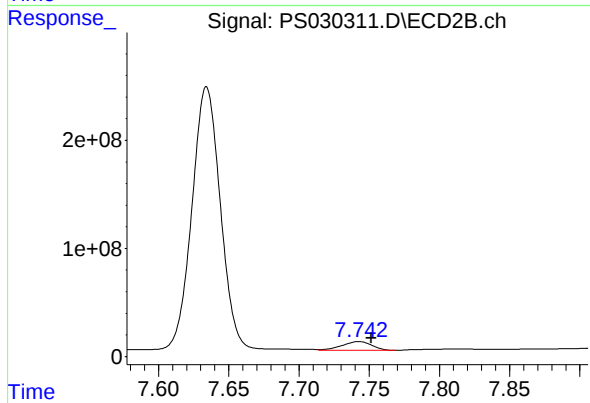
#5 DICAMBA

R.T.: 7.634 min
Delta R.T.: -0.006 min
Response: 3474038410
Conc: 734.78 ng/ml



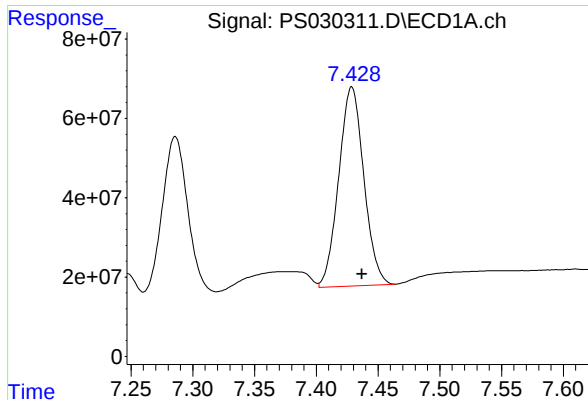
#6 MCPP

R.T.: 7.286 min
Delta R.T.: -0.007 min
Response: 545895546
Conc: 74.96 ug/ml



#6 MCPP

R.T.: 7.743 min
Delta R.T.: -0.009 min
Response: 120244087
Conc: 65.36 ug/ml



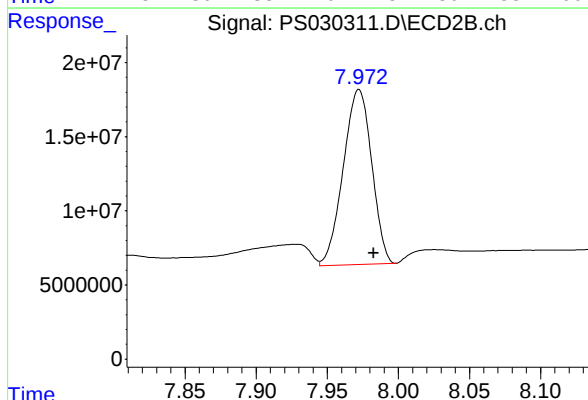
#7 MCPA

R.T.: 7.429 min
Delta R.T.: -0.008 min
Response: 709849376
Conc: 68.38 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

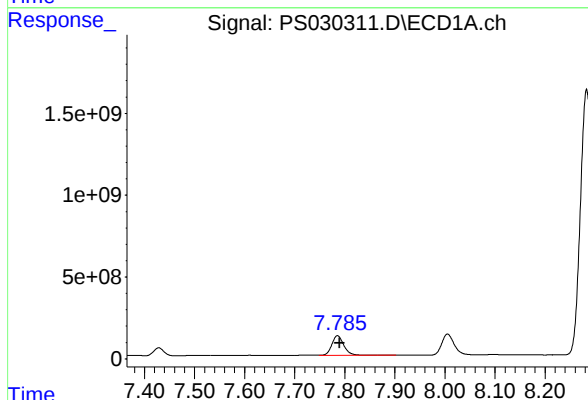
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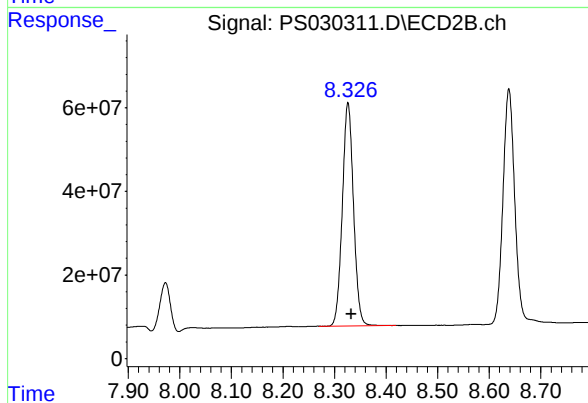
#7 MCPA

R.T.: 7.972 min
Delta R.T.: -0.010 min
Response: 164602451
Conc: 62.40 ug/ml



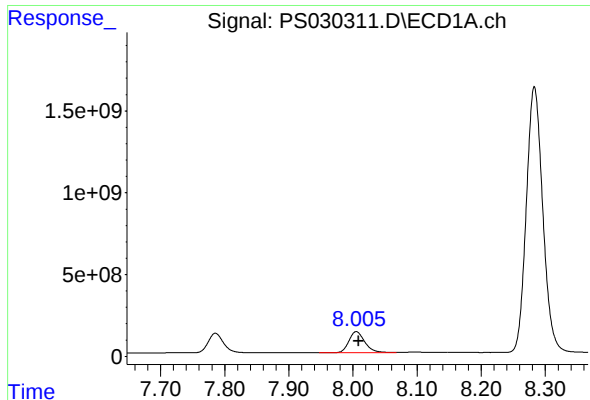
#8 DICHLORPROP

R.T.: 7.786 min
Delta R.T.: -0.004 min
Response: 1987355781
Conc: 680.29 ng/ml



#8 DICHLORPROP

R.T.: 8.326 min
Delta R.T.: -0.007 min
Response: 804694670
Conc: 681.12 ng/ml



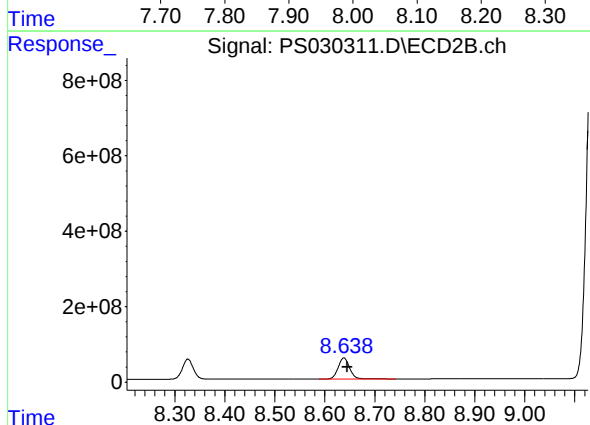
#9 2,4-D

R.T.: 8.005 min
Delta R.T.: -0.004 min
Response: 2235804090
Conc: 681.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

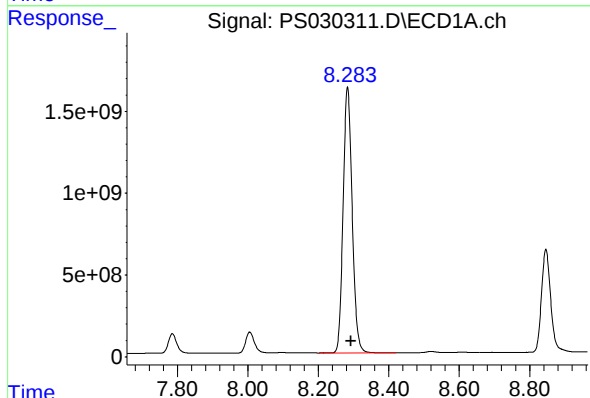
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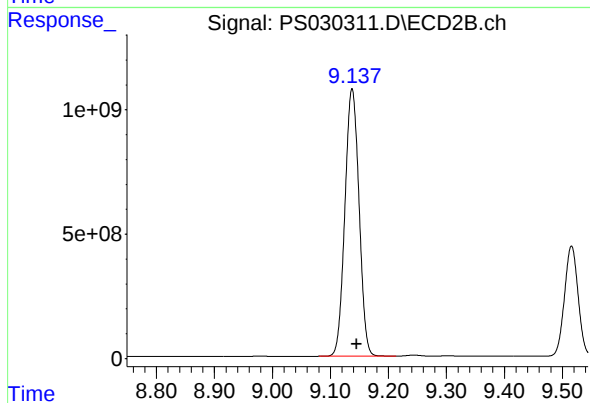
#9 2,4-D

R.T.: 8.638 min
Delta R.T.: -0.007 min
Response: 896994104
Conc: 695.07 ng/ml



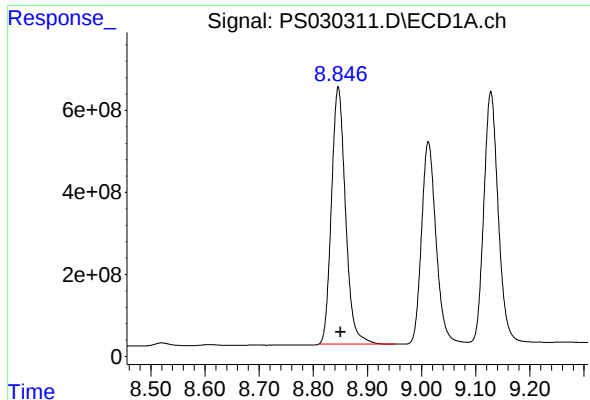
#10 Pentachlorophenol

R.T.: 8.283 min
Delta R.T.: -0.010 min
Response: 28983271569
Conc: 715.62 ng/ml



#10 Pentachlorophenol

R.T.: 9.137 min
Delta R.T.: -0.008 min
Response: 18186979627
Conc: 736.76 ng/ml



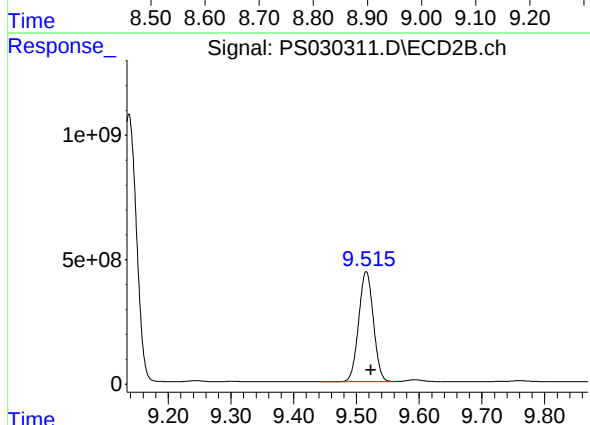
#11 2,4,5-TP (SILVEX)

R.T.: 8.846 min
Delta R.T.: -0.004 min
Response: 1131370069
Conc: 698.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

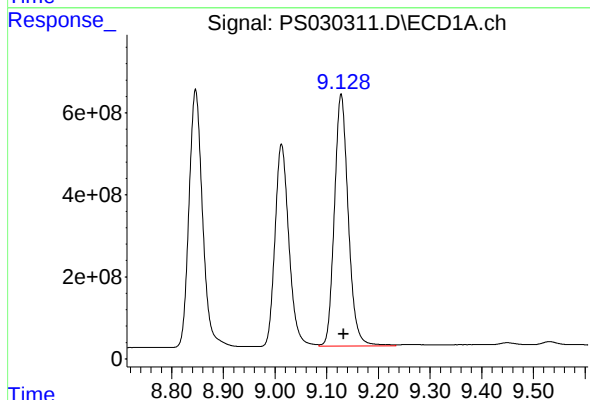
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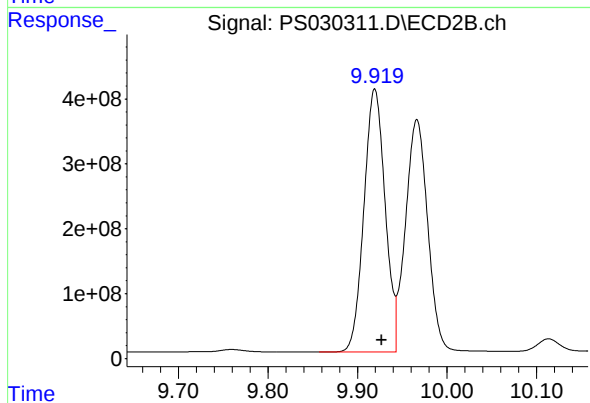
#11 2,4,5-TP (SILVEX)

R.T.: 9.516 min
Delta R.T.: -0.008 min
Response: 7211803324
Conc: 732.13 ng/ml



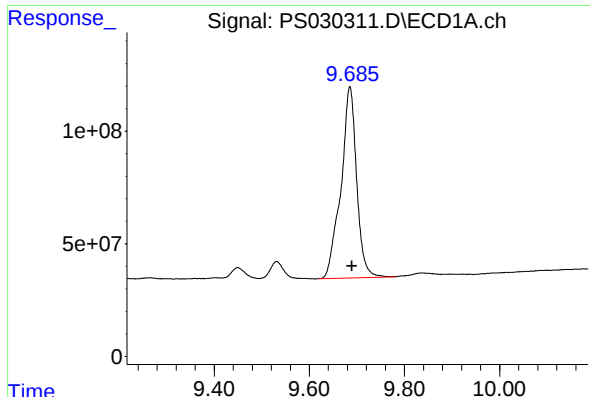
#12 2,4,5-T

R.T.: 9.128 min
Delta R.T.: -0.005 min
Response: 11461933803
Conc: 694.02 ng/ml



#12 2,4,5-T

R.T.: 9.919 min
Delta R.T.: -0.008 min
Response: 6685519660
Conc: 726.40 ng/ml



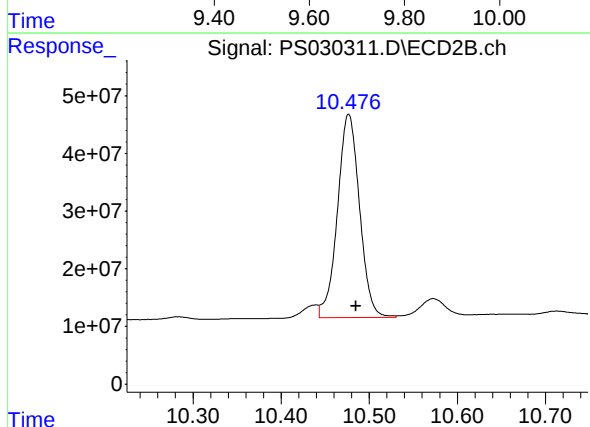
#13 2,4-DB

R.T.: 9.685 min
Delta R.T.: -0.005 min
Response: 1945188695
Conc: 745.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

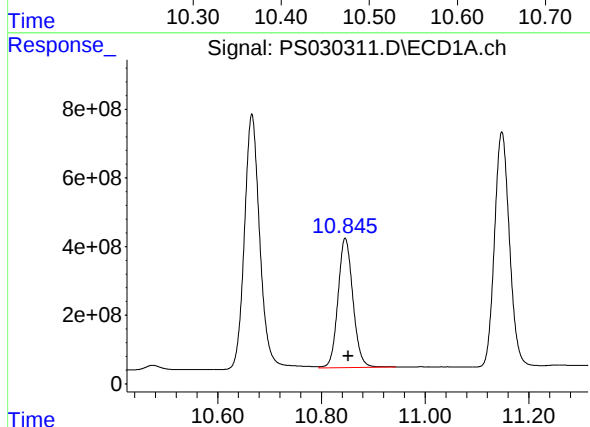
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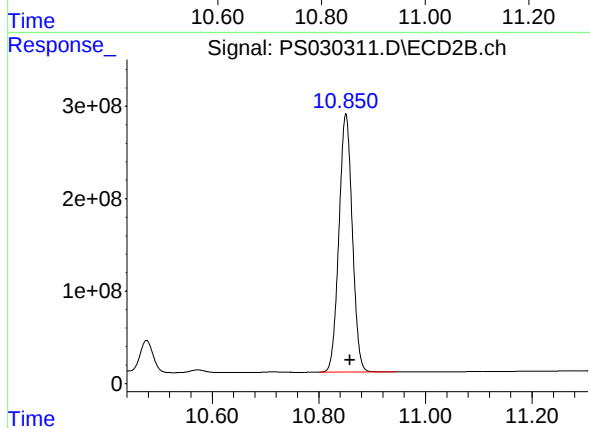
#13 2,4-DB

R.T.: 10.476 min
Delta R.T.: -0.009 min
Response: 612986148
Conc: 617.70 ng/ml



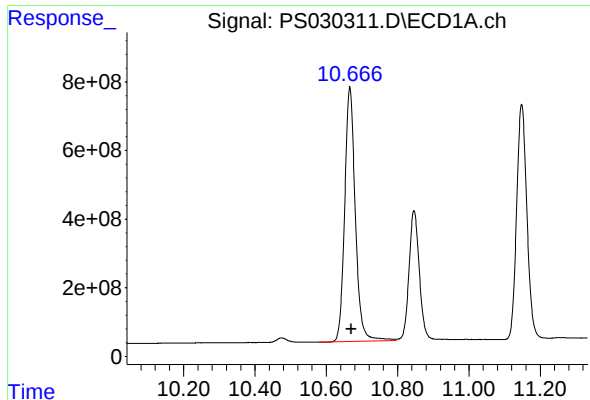
#14 DINOSEB

R.T.: 10.846 min
Delta R.T.: -0.006 min
Response: 7548022119
Conc: 660.00 ng/ml



#14 DINOSEB

R.T.: 10.851 min
Delta R.T.: -0.008 min
Response: 4847669590
Conc: 709.56 ng/ml



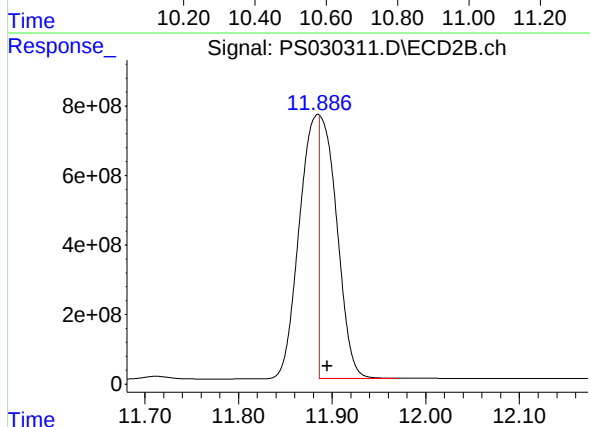
#15 Picloram

R.T.: 10.666 min
Delta R.T.: -0.004 min
Response: 15372909448
Conc: 718.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

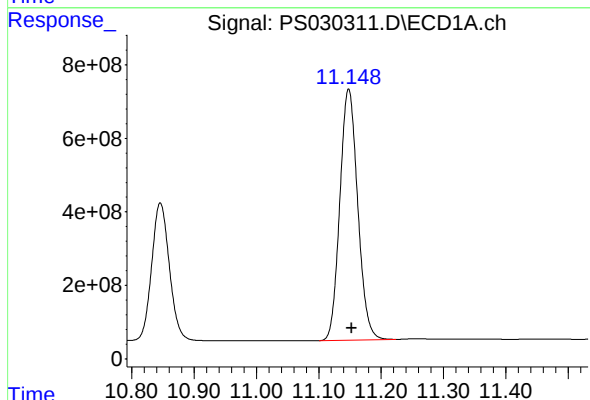
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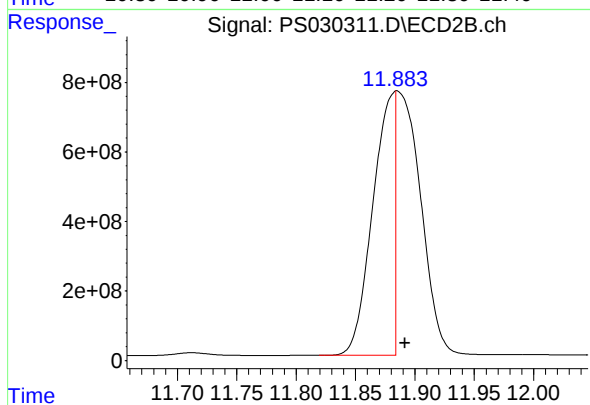
#15 Picloram

R.T.: 11.886 min
Delta R.T.: -0.009 min
Response: 9809918646
Conc: 697.07 ng/ml m



#16 DCPA

R.T.: 11.148 min
Delta R.T.: -0.005 min
Response: 13596333284
Conc: 682.84 ng/ml



#16 DCPA

R.T.: 11.883 min
Delta R.T.: -0.008 min
Response: 9659603928
Conc: 714.97 ng/ml m