

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041025\
 Data File : PS029790.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2025 15:45
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/11/2025
 Supervised By : mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 20:33:27 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	6.953	7.495	1569.2E6	518.7E6	769.665	761.097
Target Compounds							
1) T	Dalapon	2.455	2.530	2208.6E6	996.4E6	651.057	627.624
2) T	3,5-DICHL...	6.156	6.486	2168.1E6	670.6E6	720.824m	694.480
3) T	4-Nitroph...	6.745	7.028	1059.6E6	465.6E6	754.269	656.747
5) T	DICAMBA	7.131	7.683	6185.5E6	2711.9E6	743.281	734.250
6) T	MCPD	7.309	7.790	394.0E6	112.5E6	72.696	66.650
7) T	MCPA	7.452	8.021	475.1E6	152.8E6	65.360	67.146m
8) T	DICHLORPROP	7.812	8.379	1609.0E6	709.5E6	731.543	734.407
9) T	2,4-D	8.033	8.692	1752.8E6	756.6E6	727.435	701.577
10) T	Pentachlo...	8.312	9.194	21983.3E6	13795.4E6	723.016	769.499
11) T	2,4,5-TP ...	8.877	9.573	8666.7E6	5516.7E6	746.142	764.825
12) T	2,4,5-T	9.159	9.979	8779.8E6	5204.0E6	763.165	776.382
13) T	2,4-DB	9.719	10.536	1430.8E6	531.4E6	787.545	716.228
14) T	DINOSEB	10.882	10.908	5669.7E6	3630.7E6	671.602m	710.127
15) T	Picloram	10.701	11.940	10990.3E6	7946.5E6	709.034	672.039m
16) T	DCPA	11.183	11.937	10705.4E6	6182.9E6	766.528m	698.585m

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

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Acq On : 10 Apr 2025 15:45
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

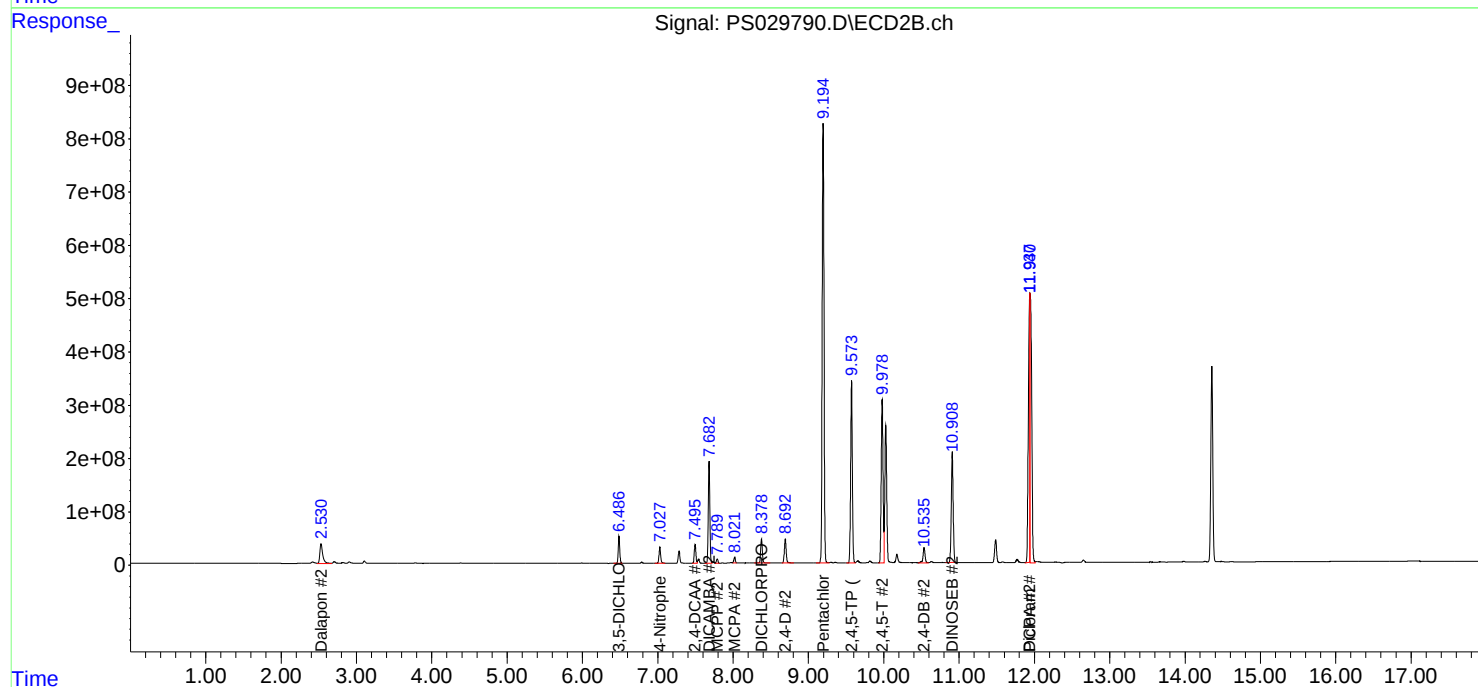
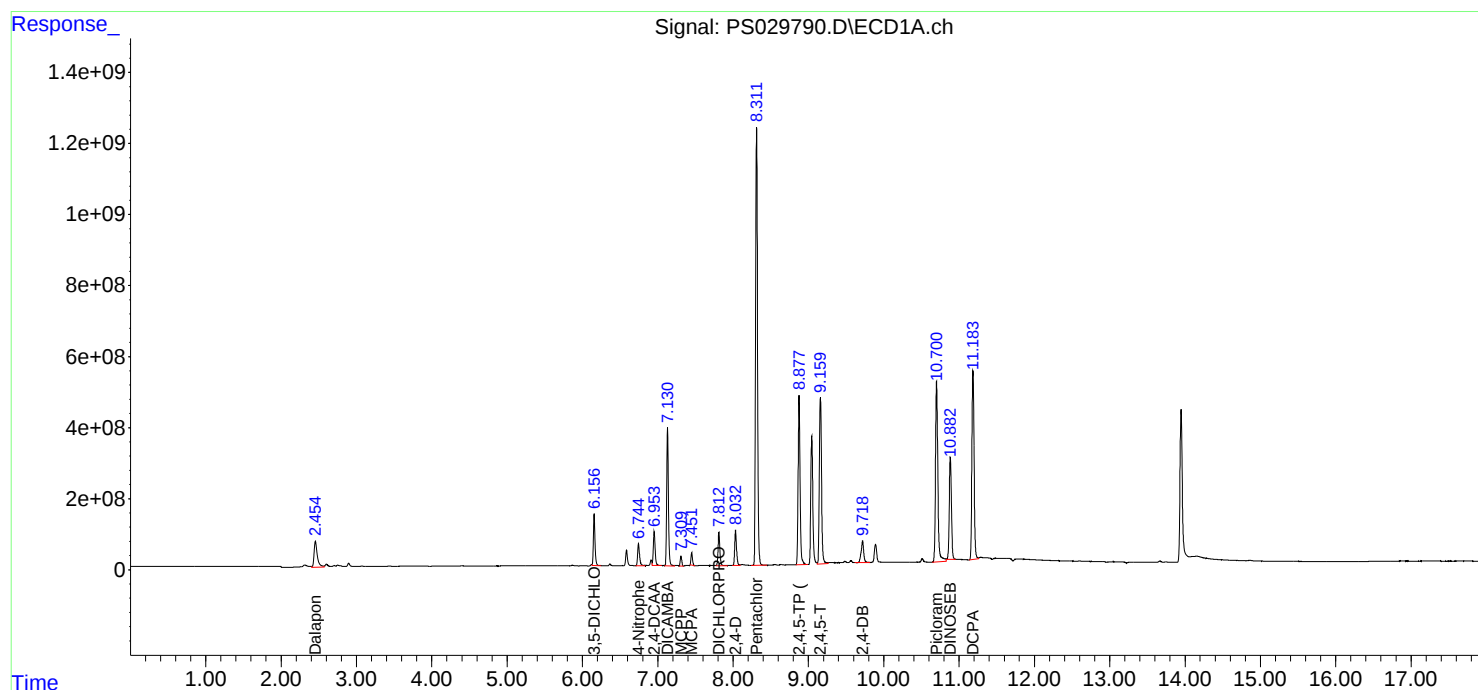
Instrument :
ECD_S
ClientSampleId :
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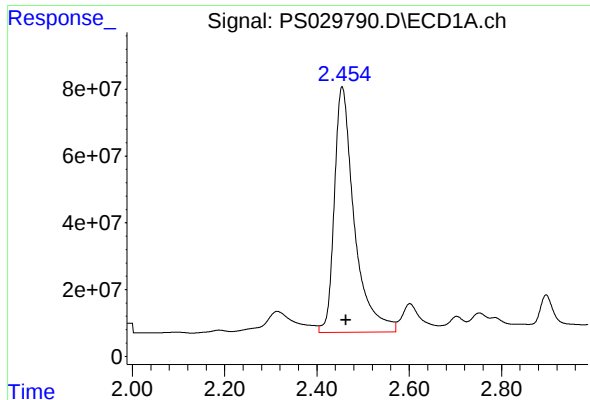
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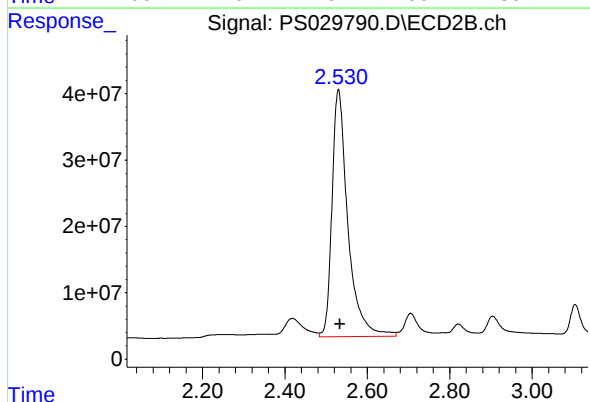
#1 Dalapon

R.T.: 2.455 min
Delta R.T.: -0.008 min
Response: 2208644054
Conc: 651.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

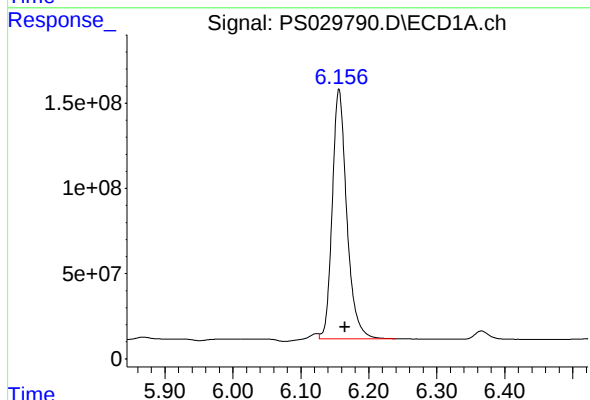
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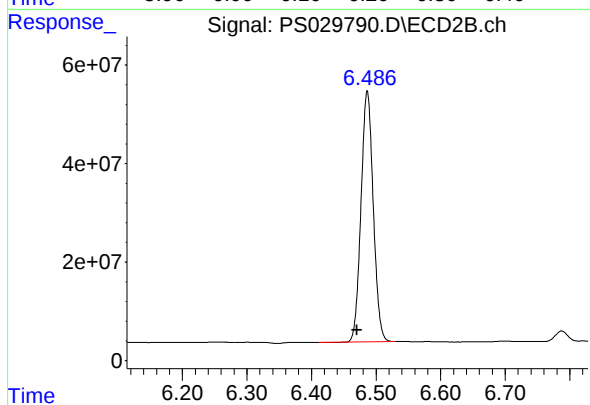
#1 Dalapon

R.T.: 2.530 min
Delta R.T.: -0.003 min
Response: 996413470
Conc: 627.62 ng/ml



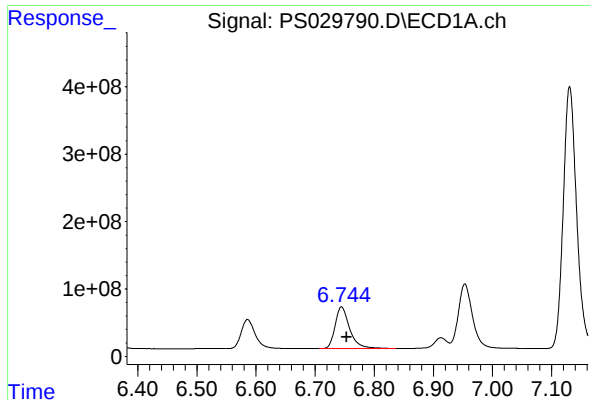
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.156 min
Delta R.T.: -0.009 min
Response: 2168065469
Conc: 720.82 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.486 min
Delta R.T.: 0.016 min
Response: 670560410
Conc: 694.48 ng/ml



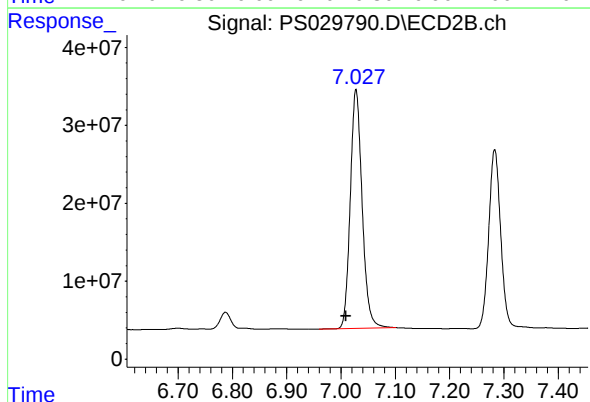
#3 4-Nitrophenol

R.T.: 6.745 min
Delta R.T.: -0.008 min
Response: 1059595896
Conc: 754.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

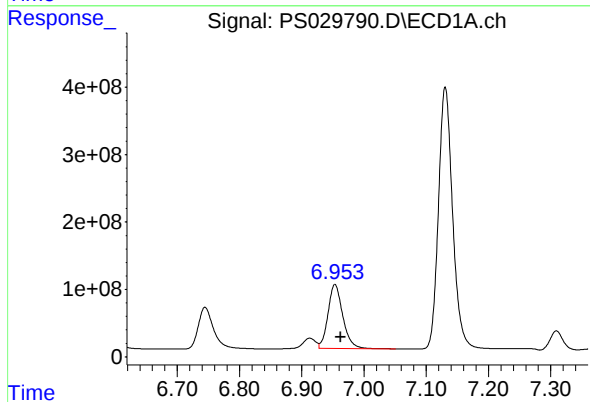
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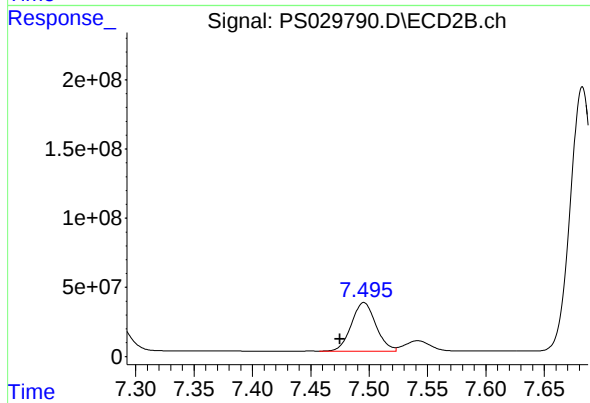
#3 4-Nitrophenol

R.T.: 7.028 min
Delta R.T.: 0.018 min
Response: 465632174
Conc: 656.75 ng/ml



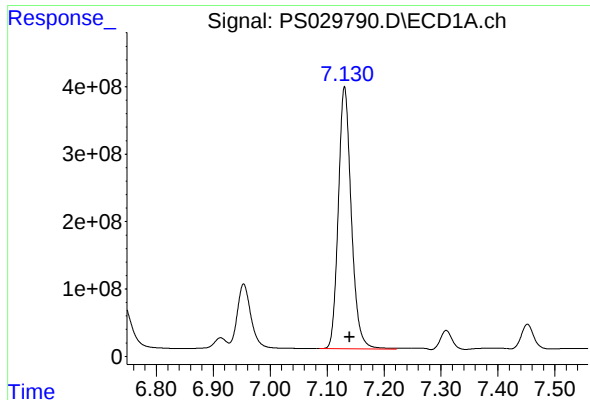
#4 2,4-DCAA

R.T.: 6.953 min
Delta R.T.: -0.009 min
Response: 1569216043
Conc: 769.66 ng/ml



#4 2,4-DCAA

R.T.: 7.495 min
Delta R.T.: 0.021 min
Response: 518697348
Conc: 761.10 ng/ml



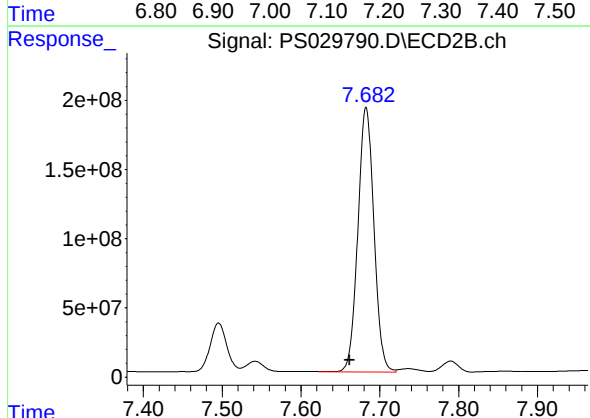
#5 DICAMBA

R.T.: 7.131 min
Delta R.T.: -0.009 min
Response: 6185538592
Conc: 743.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

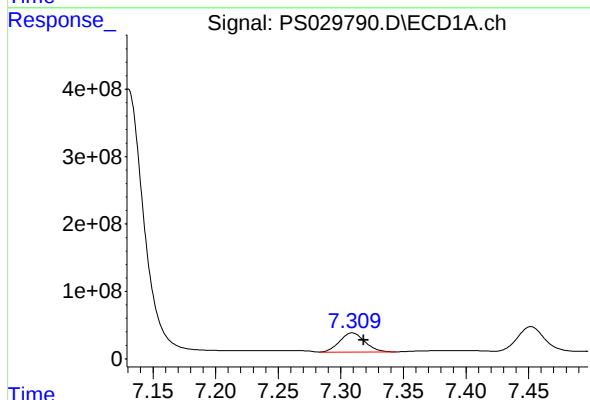
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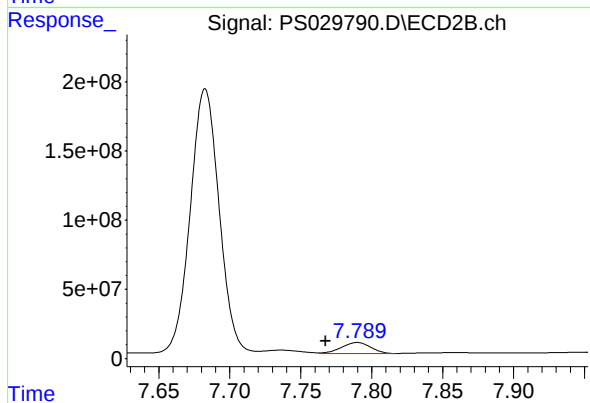
#5 DICAMBA

R.T.: 7.683 min
Delta R.T.: 0.021 min
Response: 2711856737
Conc: 734.25 ng/ml



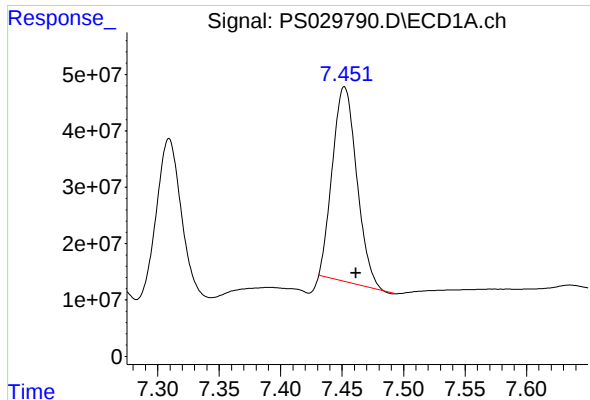
#6 MCPP

R.T.: 7.309 min
Delta R.T.: -0.009 min
Response: 394004951
Conc: 72.70 ug/ml



#6 MCPP

R.T.: 7.790 min
Delta R.T.: 0.022 min
Response: 112536716
Conc: 66.65 ug/ml



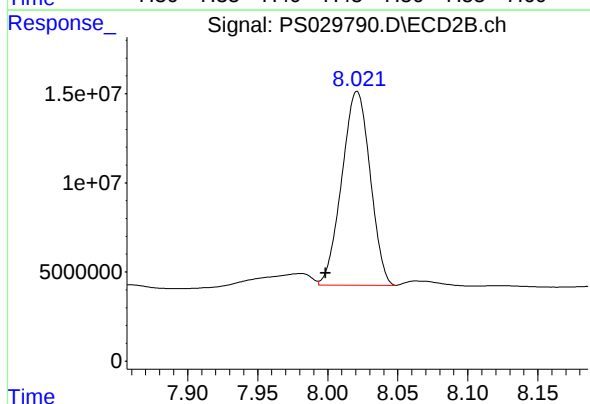
#7 MCPA

R.T.: 7.452 min
Delta R.T.: -0.009 min
Response: 475103239
Conc: 65.36 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

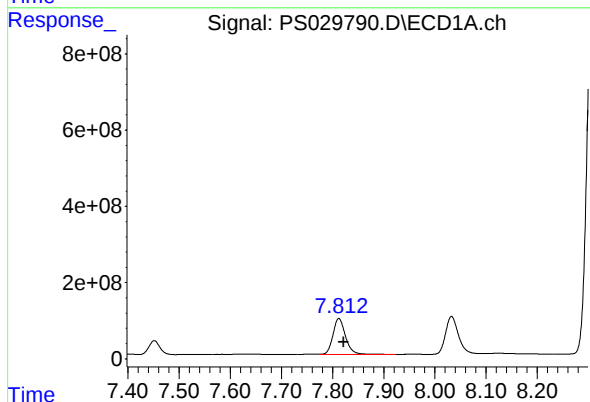
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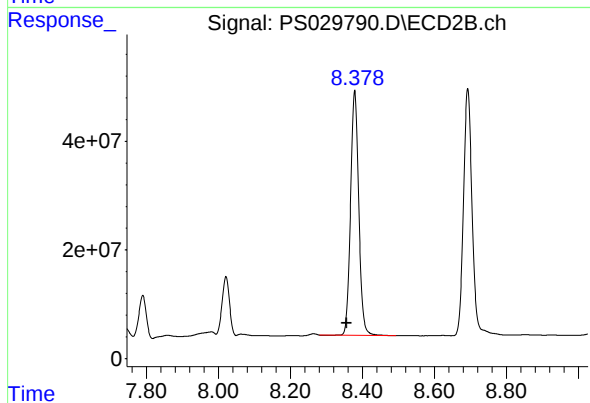
#7 MCPA

R.T.: 8.021 min
Delta R.T.: 0.022 min
Response: 152775144
Conc: 67.15 ug/ml m



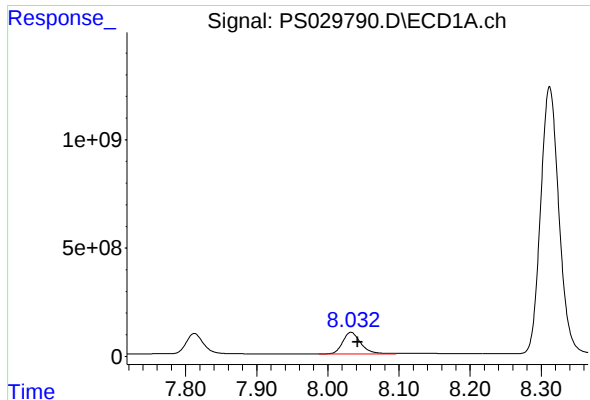
#8 DICHLORPROP

R.T.: 7.812 min
Delta R.T.: -0.010 min
Response: 1608984127
Conc: 731.54 ng/ml



#8 DICHLORPROP

R.T.: 8.379 min
Delta R.T.: 0.022 min
Response: 709548623
Conc: 734.41 ng/ml



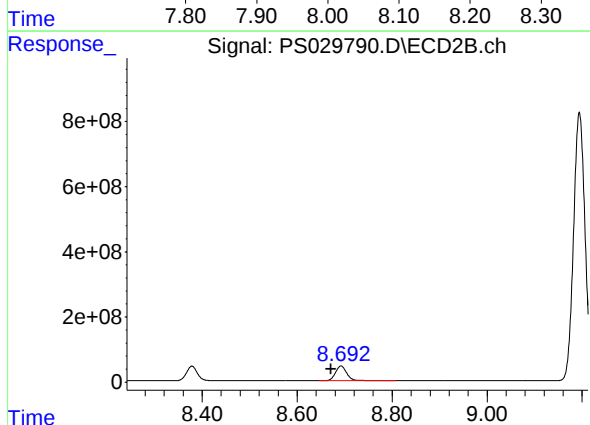
#9 2,4-D

R.T.: 8.033 min
Delta R.T.: -0.010 min
Response: 1752819935
Conc: 727.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

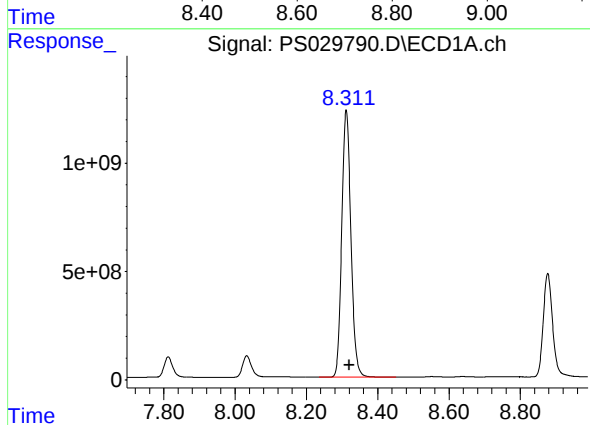
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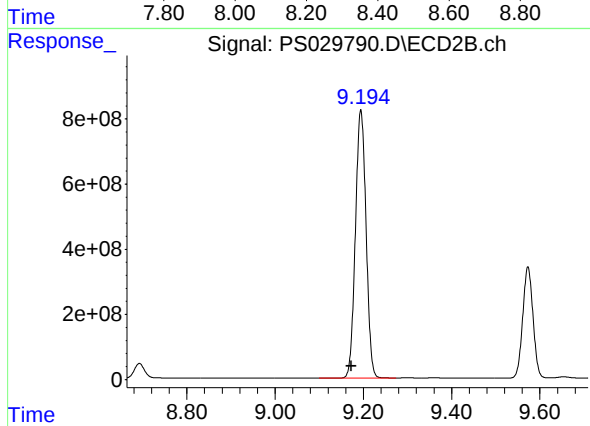
#9 2,4-D

R.T.: 8.692 min
Delta R.T.: 0.021 min
Response: 756625726
Conc: 701.58 ng/ml



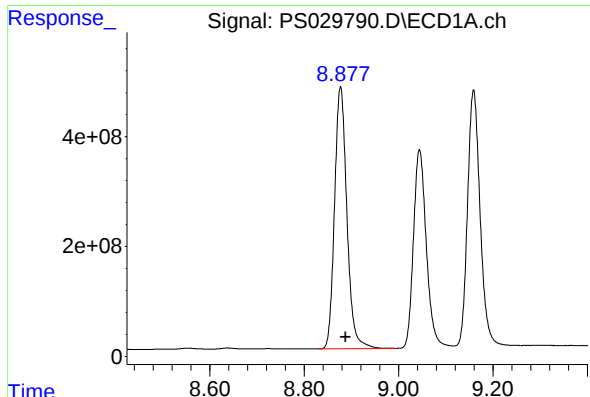
#10 Pentachlorophenol

R.T.: 8.312 min
Delta R.T.: -0.009 min
Response: 21983313274
Conc: 723.02 ng/ml



#10 Pentachlorophenol

R.T.: 9.194 min
Delta R.T.: 0.021 min
Response: 13795366356
Conc: 769.50 ng/ml



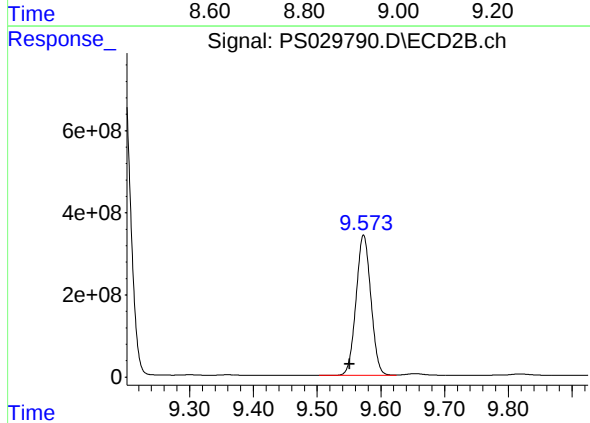
#11 2,4,5-TP (SILVEX)

R.T.: 8.877 min
Delta R.T.: -0.011 min
Response: 8666700521
Conc: 746.14 ng/ml

Instrument :
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ClientSampleId :
HSTDCCC750

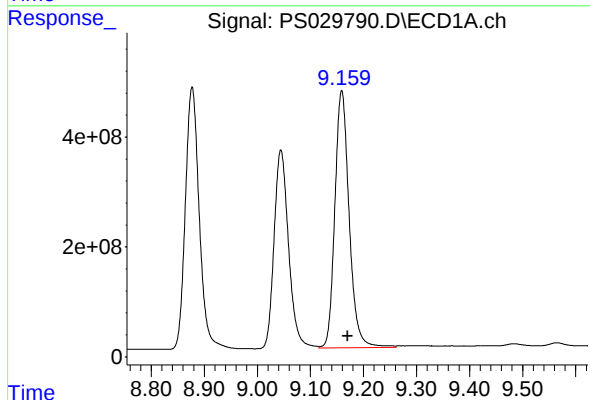
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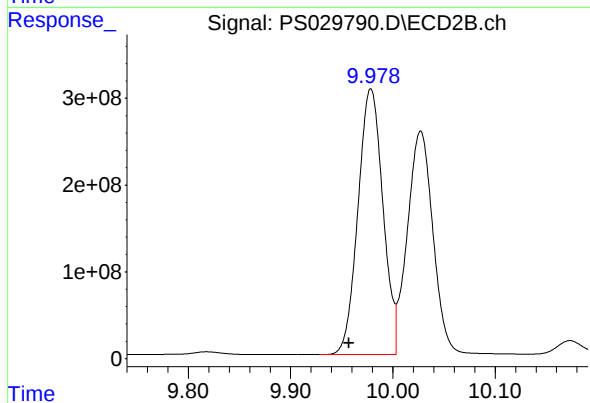
#11 2,4,5-TP (SILVEX)

R.T.: 9.573 min
Delta R.T.: 0.021 min
Response: 5516651142
Conc: 764.82 ng/ml



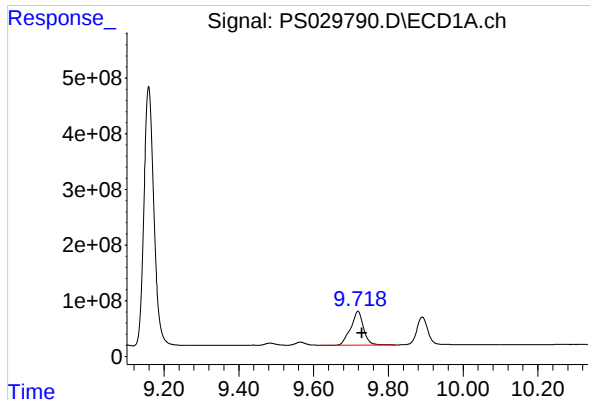
#12 2,4,5-T

R.T.: 9.159 min
Delta R.T.: -0.011 min
Response: 8779776609
Conc: 763.17 ng/ml



#12 2,4,5-T

R.T.: 9.979 min
Delta R.T.: 0.022 min
Response: 5203963817
Conc: 776.38 ng/ml



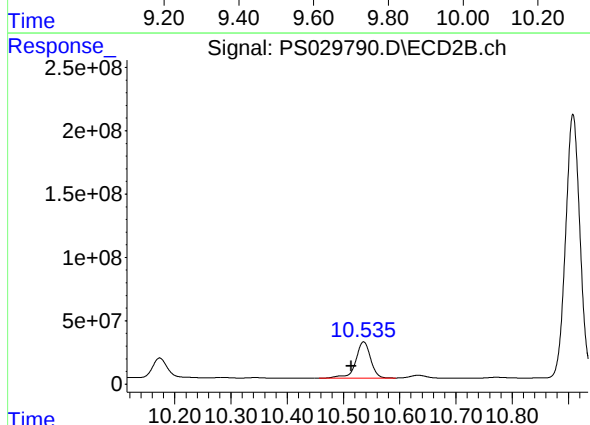
#13 2,4-DB

R.T.: 9.719 min
Delta R.T.: -0.011 min
Response: 1430768319
Conc: 787.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

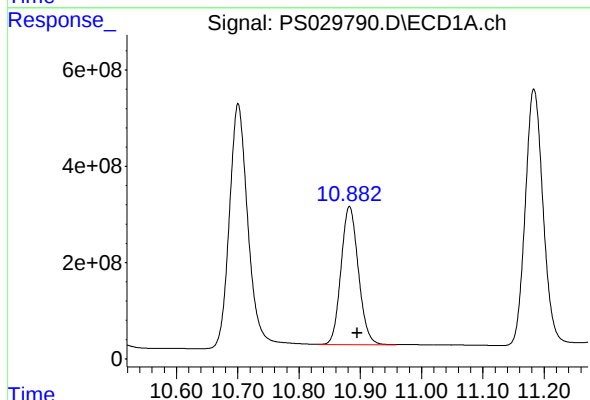
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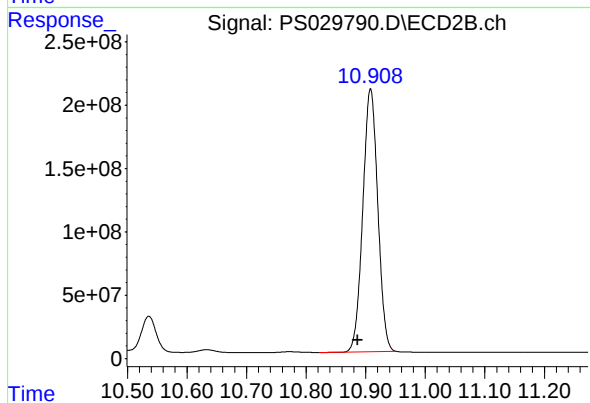
#13 2,4-DB

R.T.: 10.536 min
Delta R.T.: 0.022 min
Response: 531423192
Conc: 716.23 ng/ml



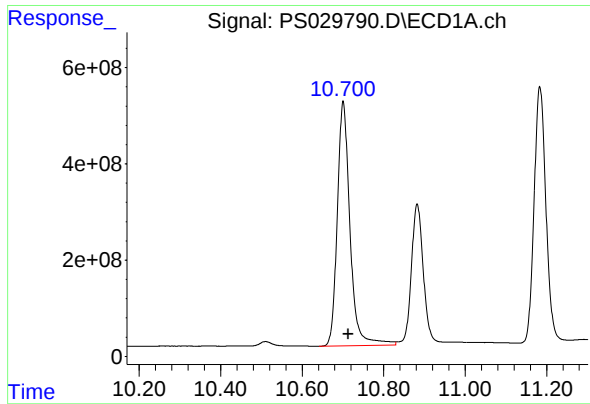
#14 DINOSEB

R.T.: 10.882 min
Delta R.T.: -0.013 min
Response: 5669688008
Conc: 671.60 ng/ml m



#14 DINOSEB

R.T.: 10.908 min
Delta R.T.: 0.022 min
Response: 3630736499
Conc: 710.13 ng/ml



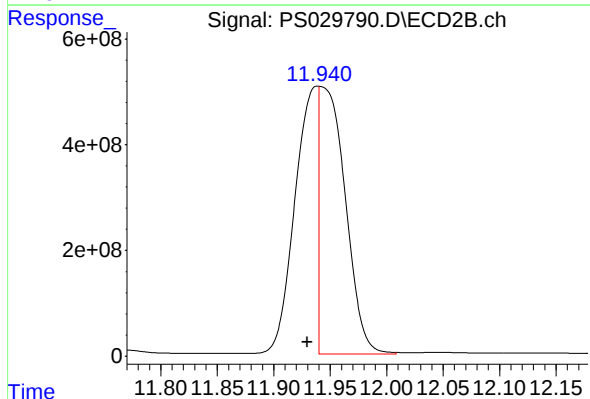
#15 Picloram

R.T.: 10.701 min
Delta R.T.: -0.013 min
Response: 10990308441
Conc: 709.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

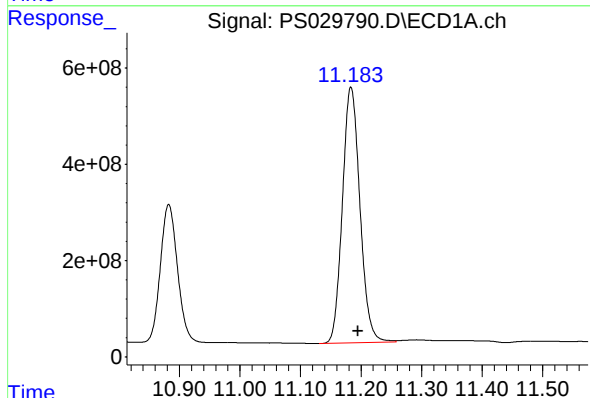
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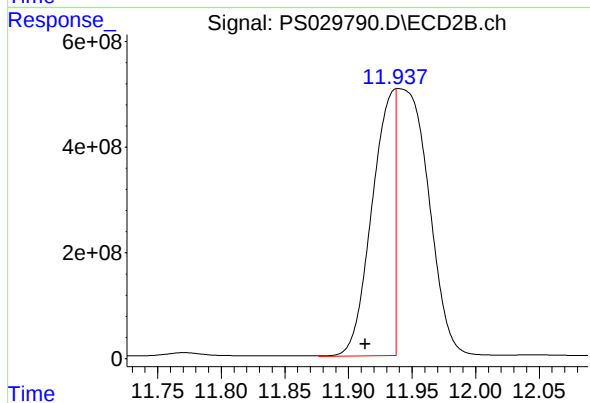
#15 Picloram

R.T.: 11.940 min
Delta R.T.: 0.011 min
Response: 7946474041
Conc: 672.04 ng/ml m



#16 DCPA

R.T.: 11.183 min
Delta R.T.: -0.013 min
Response: 10705419494
Conc: 766.53 ng/ml m



#16 DCPA

R.T.: 11.937 min
Delta R.T.: 0.023 min
Response: 6182943746
Conc: 698.59 ng/ml m