

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062325\
 Data File : PS030795.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2025 11:22
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/24/2025
 Supervised By :mohammad ahmed 06/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 24 01:52:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.345	7.767	2413.6E6	748.7E6	656.874m	698.471
Target Compounds						
1) T Dalapon	2.705	2.710	3955.2E6	1763.0E6	663.004	643.007
2) T 3,5-DICHL...	6.504	6.713	3565.0E6	1050.7E6	662.940	651.356
3) T 4-Nitroph...	7.144	7.299	1035.0E6	1114.3E6	656.438	642.813
5) T DICAMBA	7.535	7.970	10415.6E6	4402.5E6	684.559	671.805
6) T MCPP	7.716	8.069	728.0E6	152.6E6	77.539m	72.766
7) T MCPA	7.866	8.318	802.0E6	217.6E6	68.372	69.175
8) T DICHLORPROP	8.248	8.689	2392.3E6	1011.2E6	638.672	643.032
9) T 2,4-D	8.480	9.025	2324.4E6	1096.9E6	674.846	645.454
10) T Pentachlo...	8.788	9.550	37510.7E6	26413.4E6	708.746	692.864
11) T 2,4,5-TP ...	9.369	9.930	14139.3E6	9778.6E6	705.893	677.717
12) T 2,4,5-T	9.663	10.356	12141.2E6	9385.1E6	737.928	686.817
13) T 2,4-DB	10.240	10.924	1771.4E6	795.0E6	772.342m	672.076
14) T DINOSEB	11.459	11.309	9649.0E6	7260.9E6	695.515	673.477
15) T Picloram	11.268	12.418	12488.5E6	16400.8E6	776.833m	705.671
16) T DCPA	11.755	12.353	18607.1E6	14897.4E6	726.378	675.838m

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

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2025 11:22
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

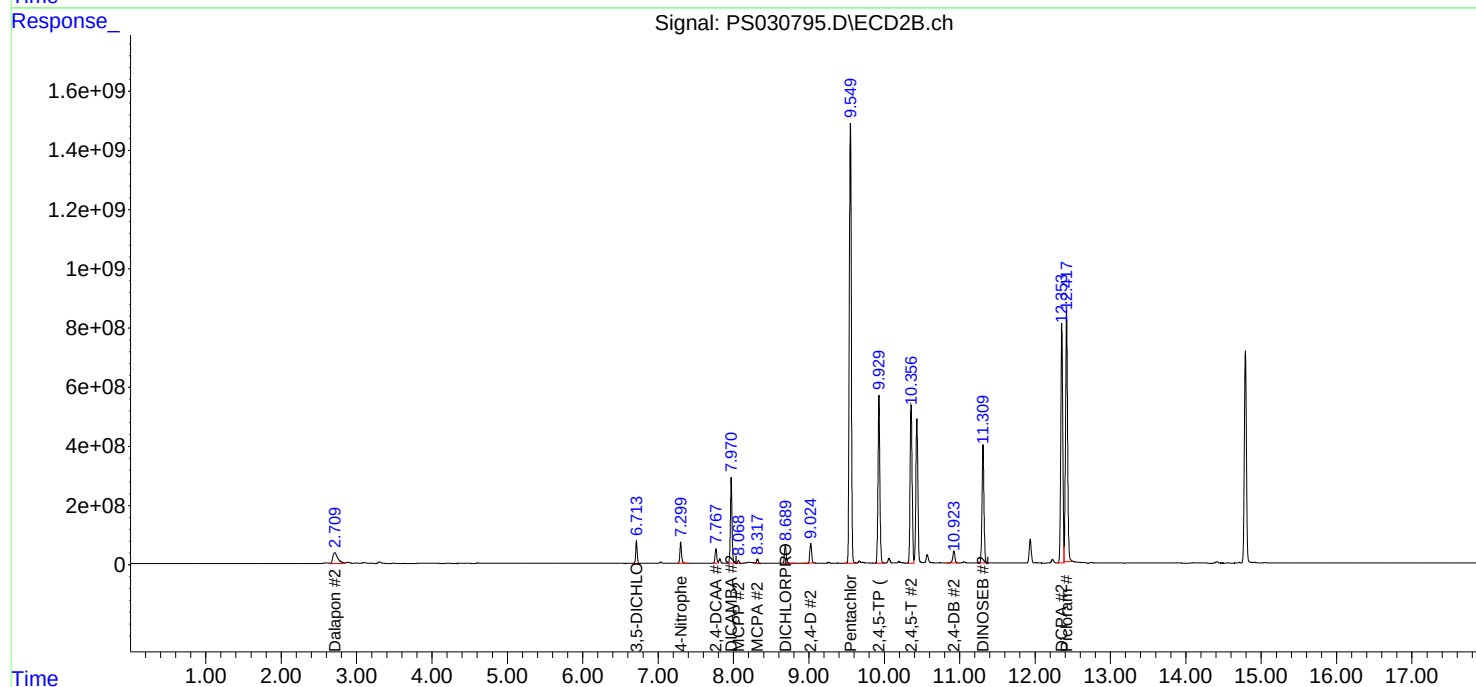
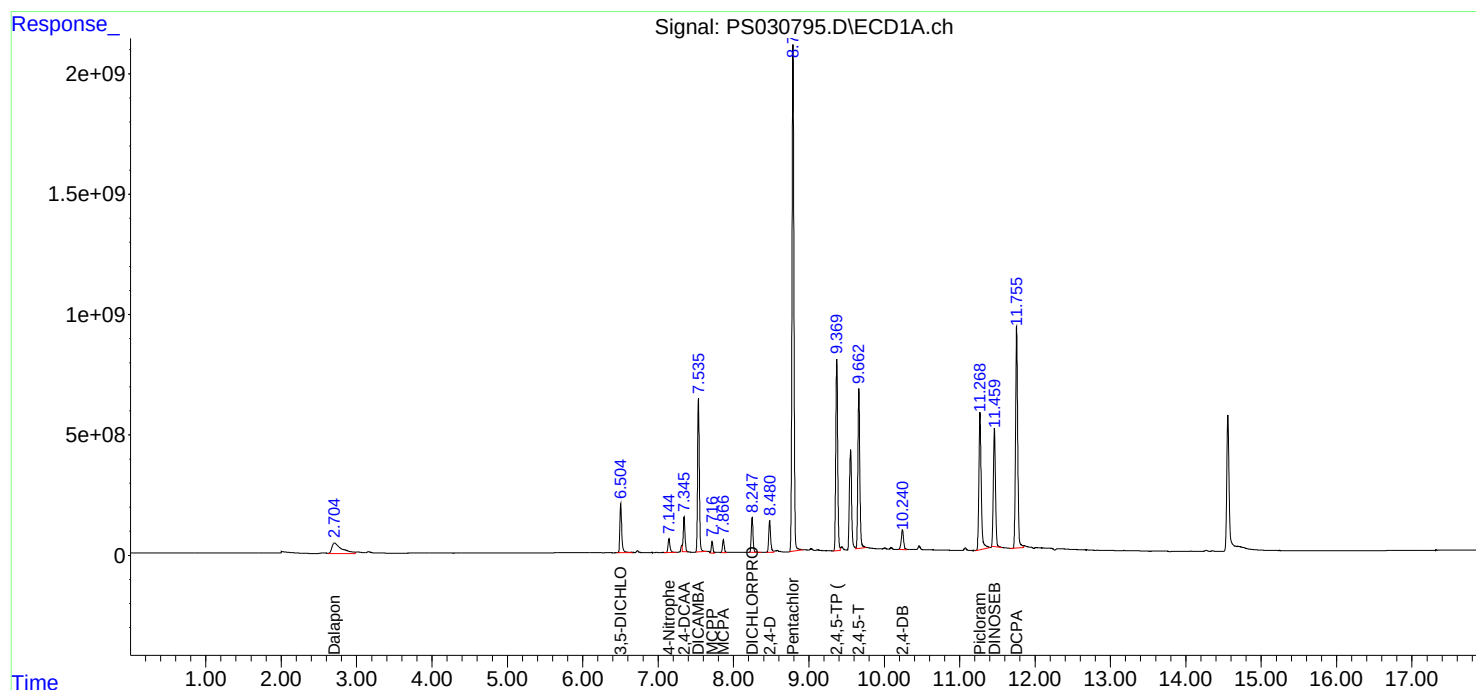
Instrument :
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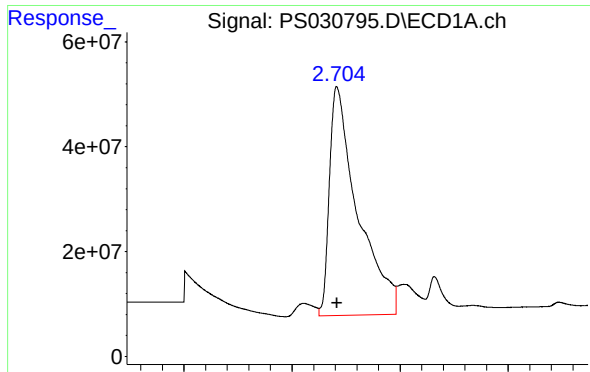
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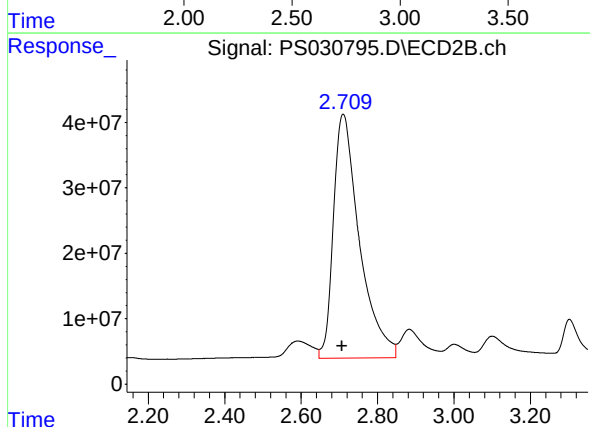
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.003 min
Response: 3955234216
Conc: 663.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

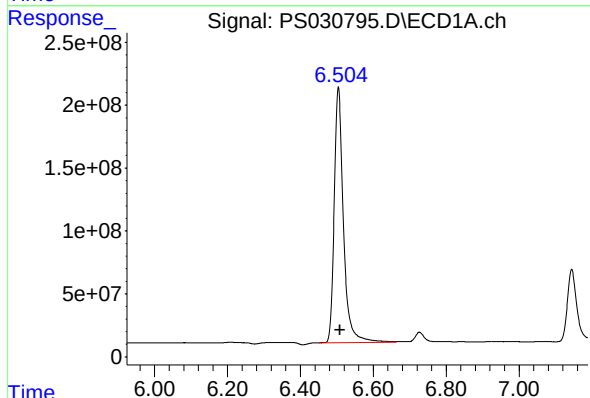
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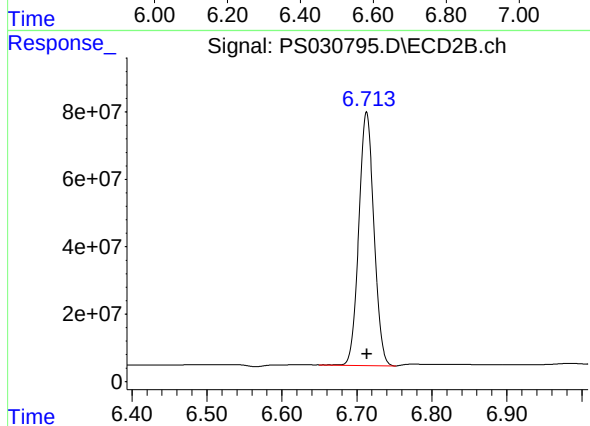
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.002 min
Response: 1762958777
Conc: 643.01 ng/ml



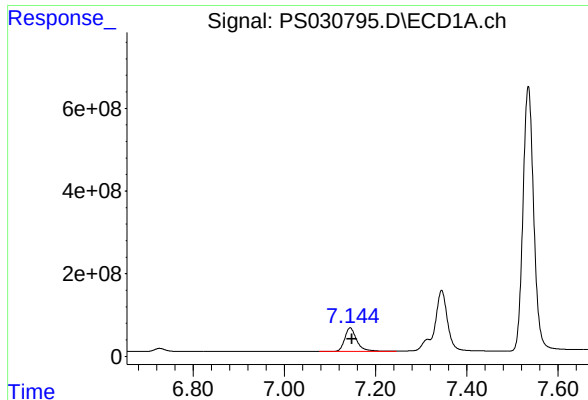
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.504 min
Delta R.T.: -0.005 min
Response: 3564991846
Conc: 662.94 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 1050734309
Conc: 651.36 ng/ml



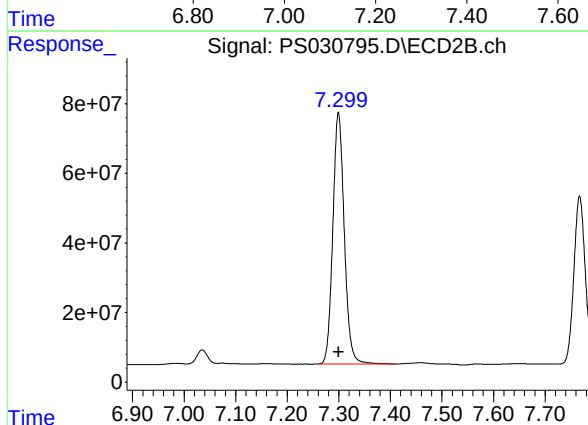
#3 4-Nitrophenol

R.T.: 7.144 min
Delta R.T.: -0.004 min
Response: 1035049876
Conc: 656.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

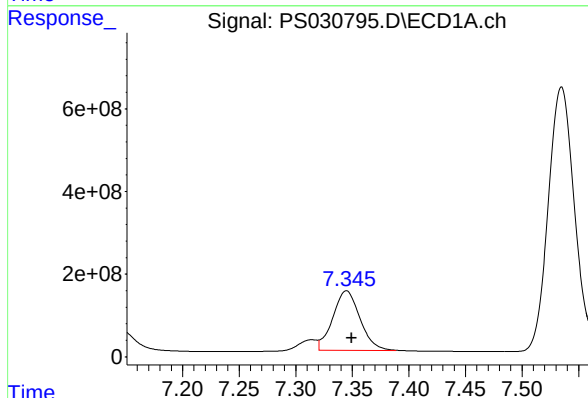
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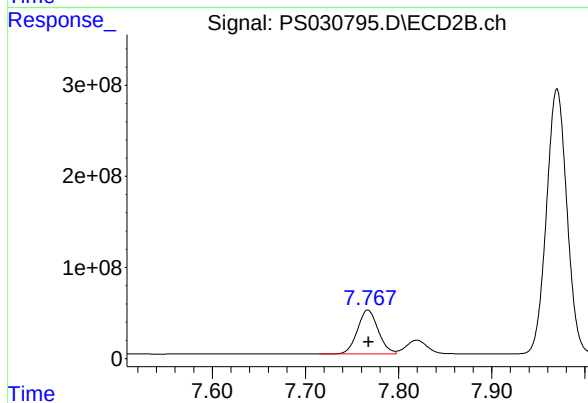
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 1114339804
Conc: 642.81 ng/ml



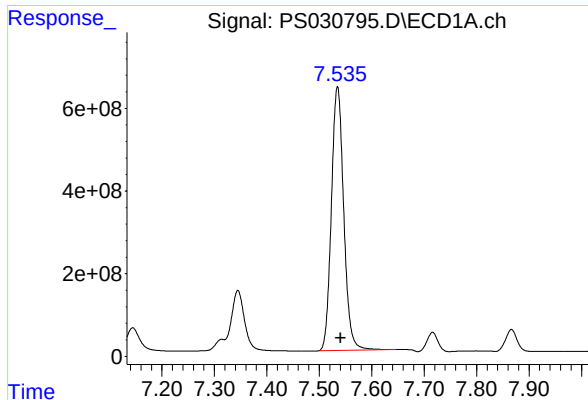
#4 2,4-DCAA

R.T.: 7.345 min
Delta R.T.: -0.005 min
Response: 2413613581
Conc: 656.87 ng/ml m



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 748735889
Conc: 698.47 ng/ml



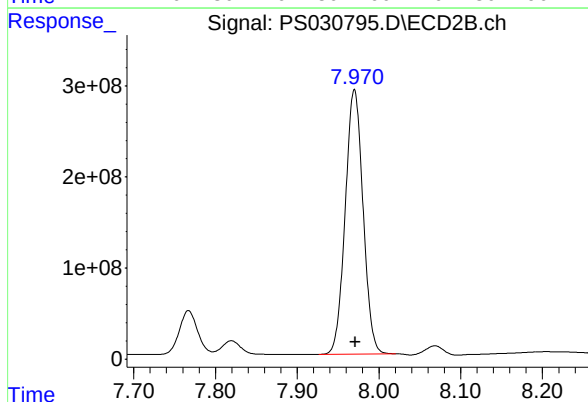
#5 DICAMBA

R.T.: 7.535 min
Delta R.T.: -0.006 min
Response: 10415627691
Conc: 684.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

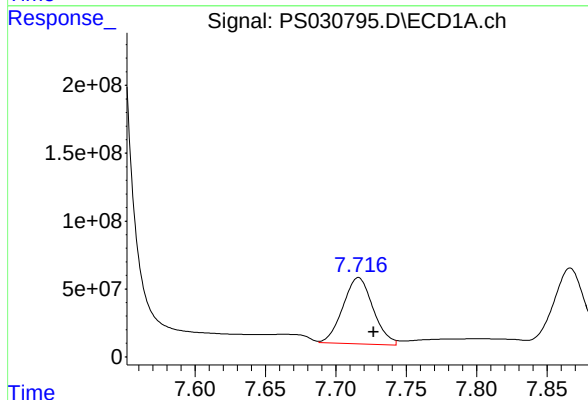
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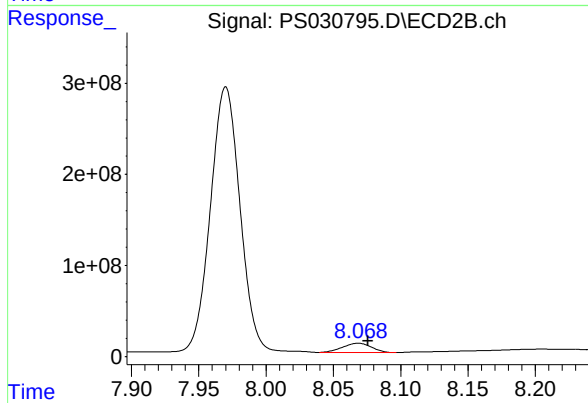
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: -0.001 min
Response: 4402481569
Conc: 671.80 ng/ml



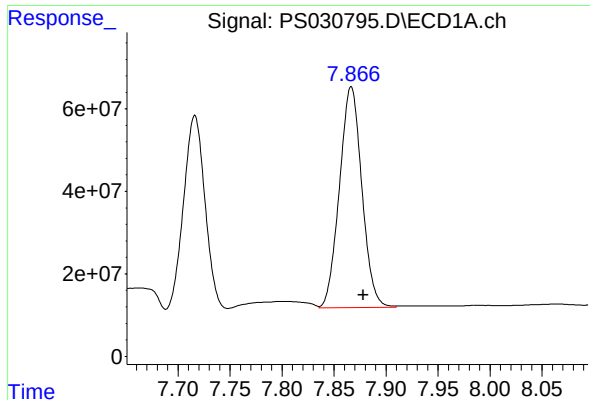
#6 MCPP

R.T.: 7.716 min
Delta R.T.: -0.011 min
Response: 727960564
Conc: 77.54 ug/ml m



#6 MCPP

R.T.: 8.069 min
Delta R.T.: -0.007 min
Response: 152613110
Conc: 72.77 ug/ml



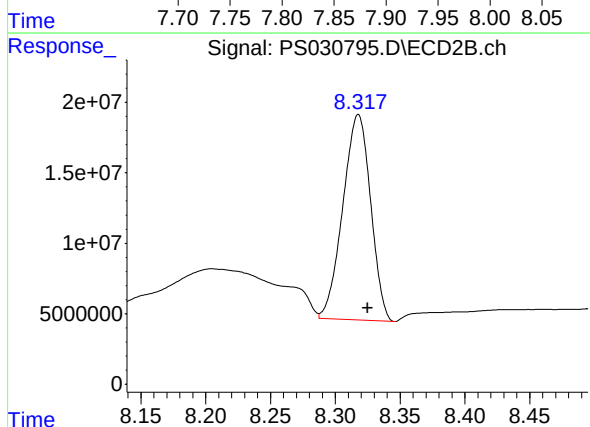
#7 MCPA

R.T.: 7.866 min
Delta R.T.: -0.012 min
Response: 802046518
Conc: 68.37 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

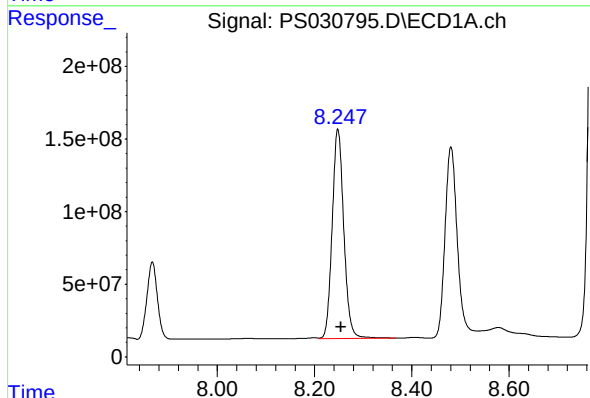
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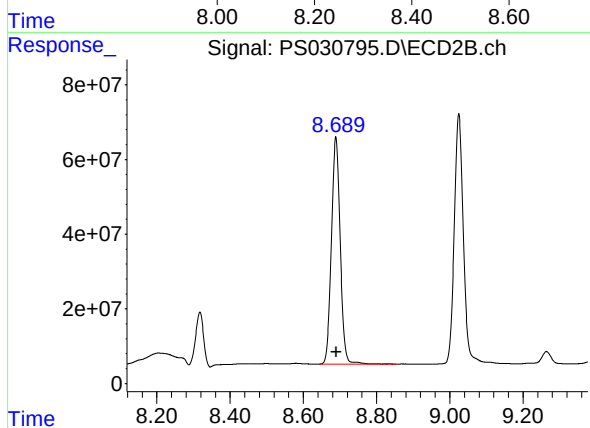
#7 MCPA

R.T.: 8.318 min
Delta R.T.: -0.007 min
Response: 217605215
Conc: 69.17 ug/ml



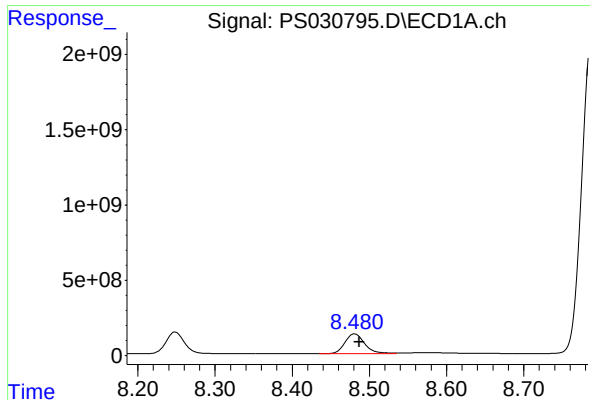
#8 DICHLORPROP

R.T.: 8.248 min
Delta R.T.: -0.006 min
Response: 2392314342
Conc: 638.67 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: -0.001 min
Response: 1011164410
Conc: 643.03 ng/ml



#9 2,4-D

R.T.: 8.480 min
Delta R.T.: -0.006 min
Response: 2324448561
Conc: 674.85 ng/ml

Instrument :

ECD_S

ClientSampleId :

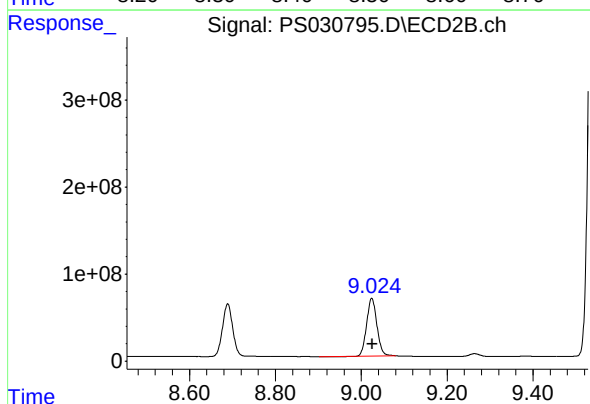
HSTDCCC750

Manual Integrations

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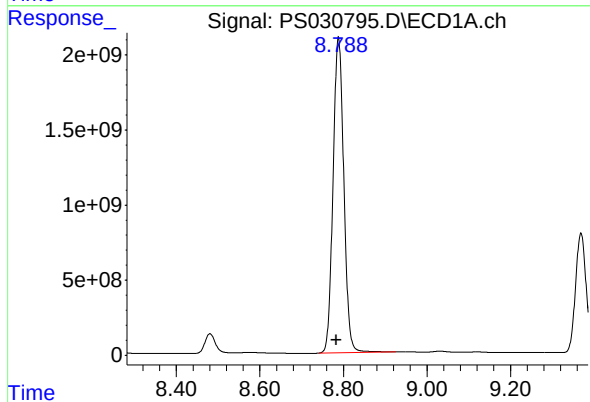
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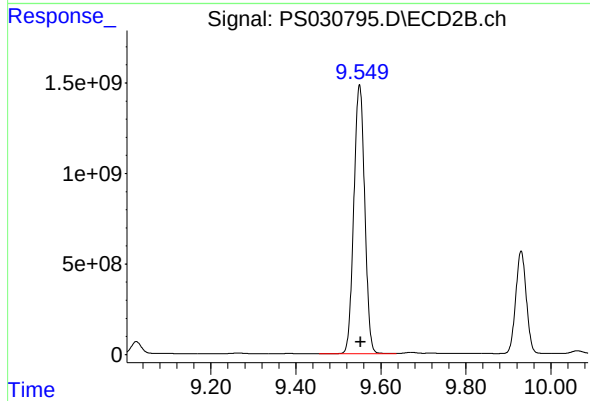
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: -0.001 min
Response: 1096887815
Conc: 645.45 ng/ml



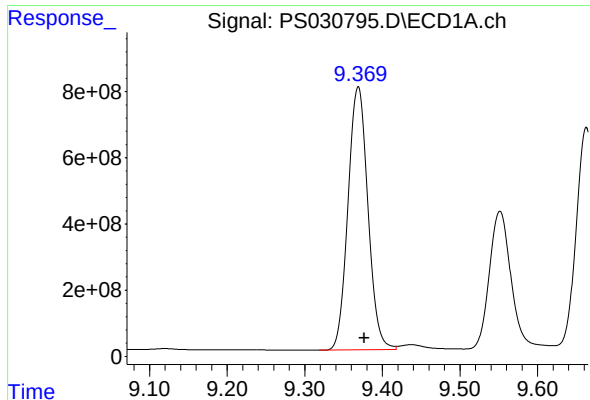
#10 Pentachlorophenol

R.T.: 8.788 min
Delta R.T.: 0.005 min
Response: 37510661688
Conc: 708.75 ng/ml



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: -0.003 min
Response: 26413434614
Conc: 692.86 ng/ml



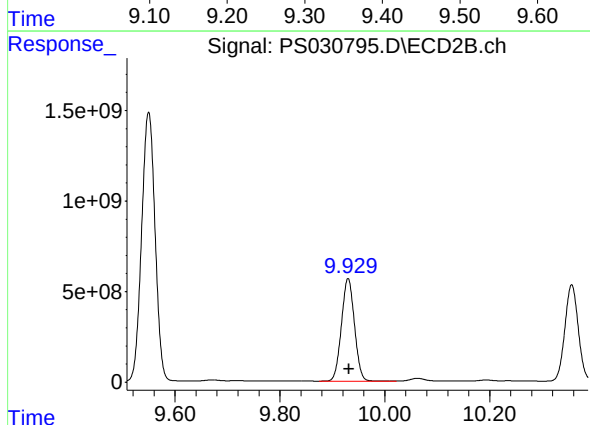
#11 2,4,5-TP (SILVEX)

R.T.: 9.369 min
Delta R.T.: -0.008 min
Response: 14139328661
Conc: 705.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

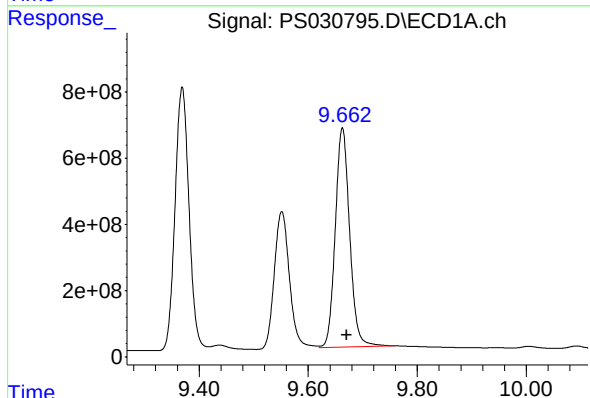
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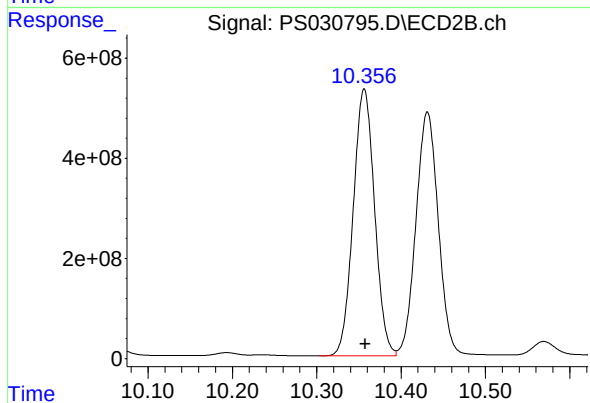
#11 2,4,5-TP (SILVEX)

R.T.: 9.930 min
Delta R.T.: -0.002 min
Response: 9778570700
Conc: 677.72 ng/ml



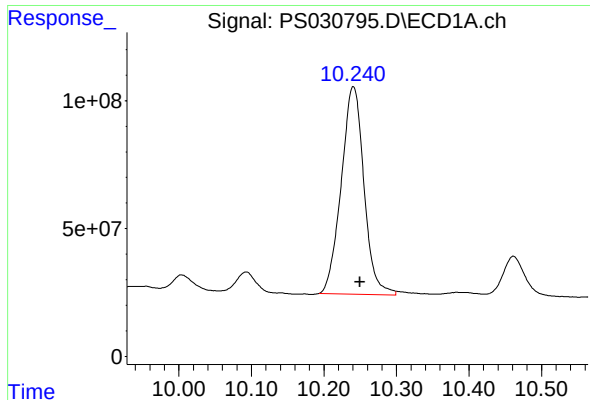
#12 2,4,5-T

R.T.: 9.663 min
Delta R.T.: -0.007 min
Response: 12141242316
Conc: 737.93 ng/ml



#12 2,4,5-T

R.T.: 10.356 min
Delta R.T.: -0.002 min
Response: 9385093903
Conc: 686.82 ng/ml



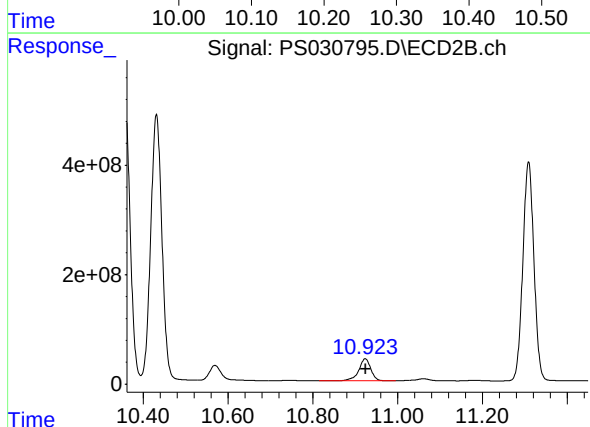
#13 2,4-DB

R.T.: 10.240 min
Delta R.T.: -0.010 min
Response: 1771367440
Conc: 772.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

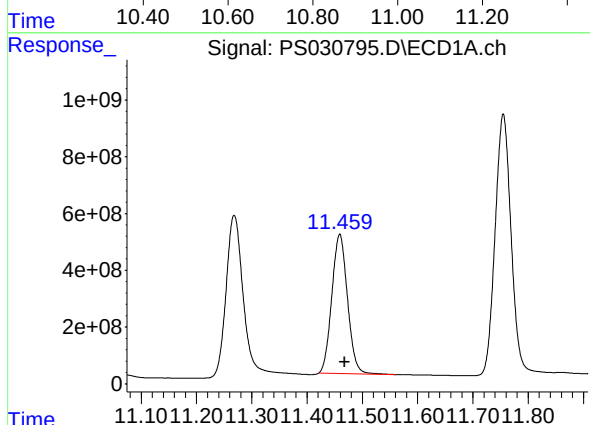
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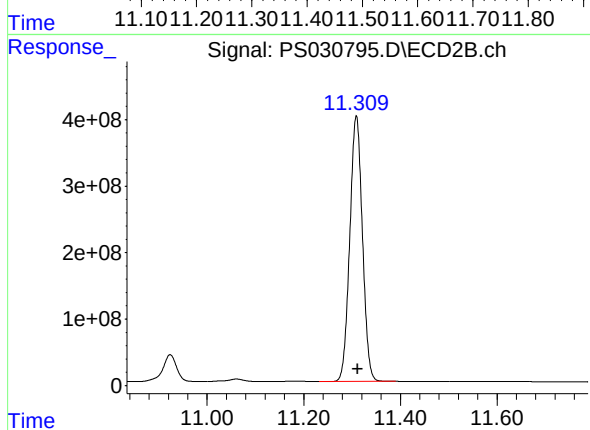
#13 2,4-DB

R.T.: 10.924 min
Delta R.T.: -0.001 min
Response: 795000838
Conc: 672.08 ng/ml



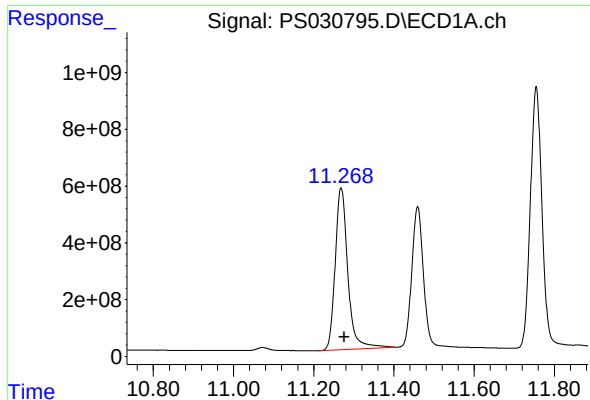
#14 DINOSEB

R.T.: 11.459 min
Delta R.T.: -0.009 min
Response: 9649002289
Conc: 695.51 ng/ml



#14 DINOSEB

R.T.: 11.309 min
Delta R.T.: -0.002 min
Response: 7260925260
Conc: 673.48 ng/ml



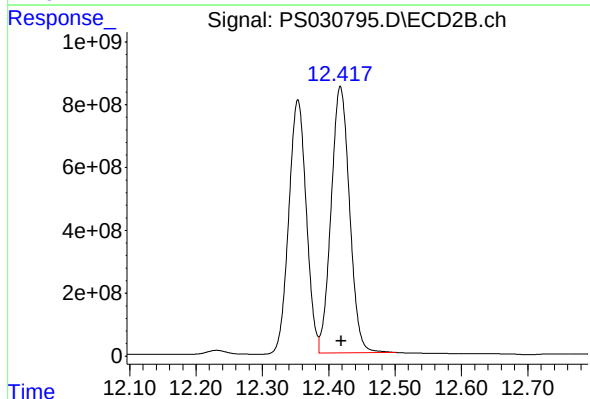
#15 Picloram

R.T.: 11.268 min
Delta R.T.: -0.009 min
Response: 12488457823
Conc: 776.83 ng/ml

Instrument :
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ClientSampleId :
HSTDCCC750

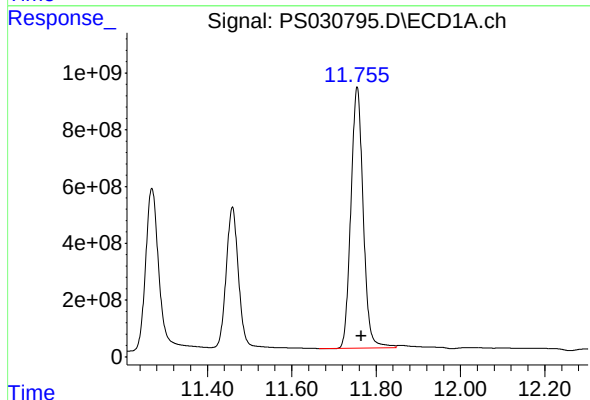
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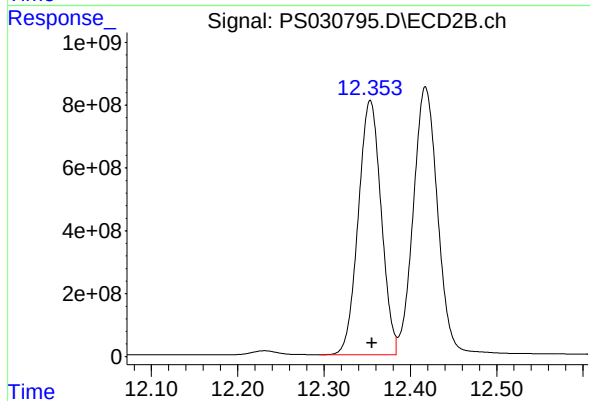
#15 Picloram

R.T.: 12.418 min
Delta R.T.: -0.002 min
Response: 16400808764
Conc: 705.67 ng/ml



#16 DCPA

R.T.: 11.755 min
Delta R.T.: -0.010 min
Response: 18607097430
Conc: 726.38 ng/ml



#16 DCPA

R.T.: 12.353 min
Delta R.T.: -0.002 min
Response: 14897361488
Conc: 675.84 ng/ml m