

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061825\
 Data File : PS030748.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jun 2025 17:31
 Operator : AR\AJ
 Sample : Q2312-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/19/2025
 Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 05:16:22 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	7.349	7.768	1497.2E6	416.2E6	407.480	388.246m
Target Compounds							
1) T	Dalapon	2.701	2.709	701.6E6	1201.1E6	117.606m	438.085m#
2) T	3,5-DICHL...	6.507	6.714	1848.4E6	553.0E6	343.722	342.787m
3) T	4-Nitroph...	7.146	7.305	15990998	11645639	10.142	6.718m#
5) T	DICAMBA	7.539	7.972	5129.9E6	2160.9E6	337.161	329.748
6) T	MCP	7.718	8.069	272.7E6	54358004	29.050	25.918
7) T	MCPA	7.868	8.317	371.8E6	93697301	31.698	29.785
8) T	DICHLORPROP	8.253	8.690	1350.1E6	541.6E6	360.432	344.412m
9) T	2,4-D	8.486	9.026	1458.1E6	674.4E6	423.337	396.861m
10) T	Pentachlo...	8.793	9.552	17766.2E6	11961.2E6	335.684	313.760
11) T	2,4,5-TP ...	9.374	9.932	7990.1E6	6117.9E6	398.900	424.008m
12) T	2,4,5-T	9.668	10.358	6425.1E6	4866.0E6	390.510	356.103m
13) T	2,4-DB	10.248	10.926	914.3E6	411.4E6	398.656	347.781m
14) T	DINOSEB	11.466	11.312	3571.3E6	2529.5E6	257.424	234.625
15) T	Picloram	11.275	12.420	5744.7E6	7202.4E6	357.346	309.894m
16) T	DCPA	11.761	12.356	8926.0E6	7607.0E6	348.450	345.100m

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

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ALS Vial : 5 Sample Multiplier: 1

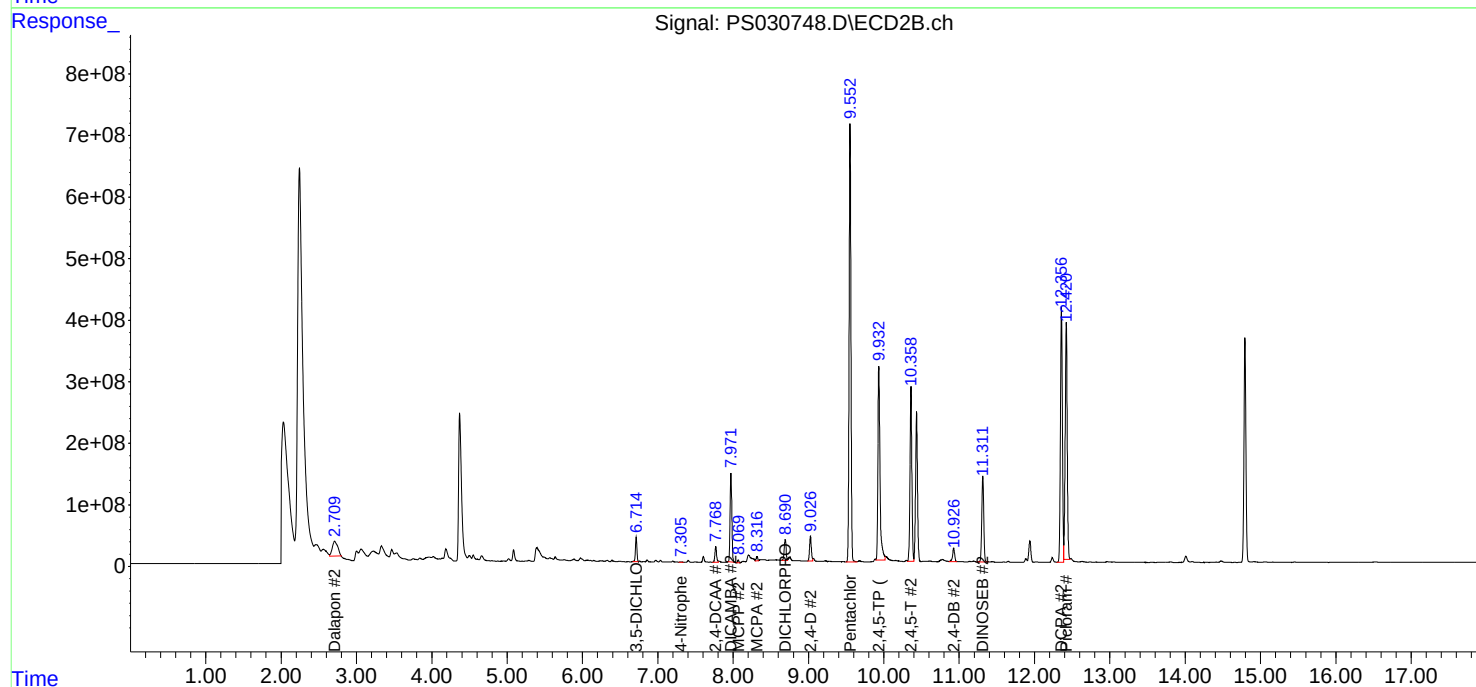
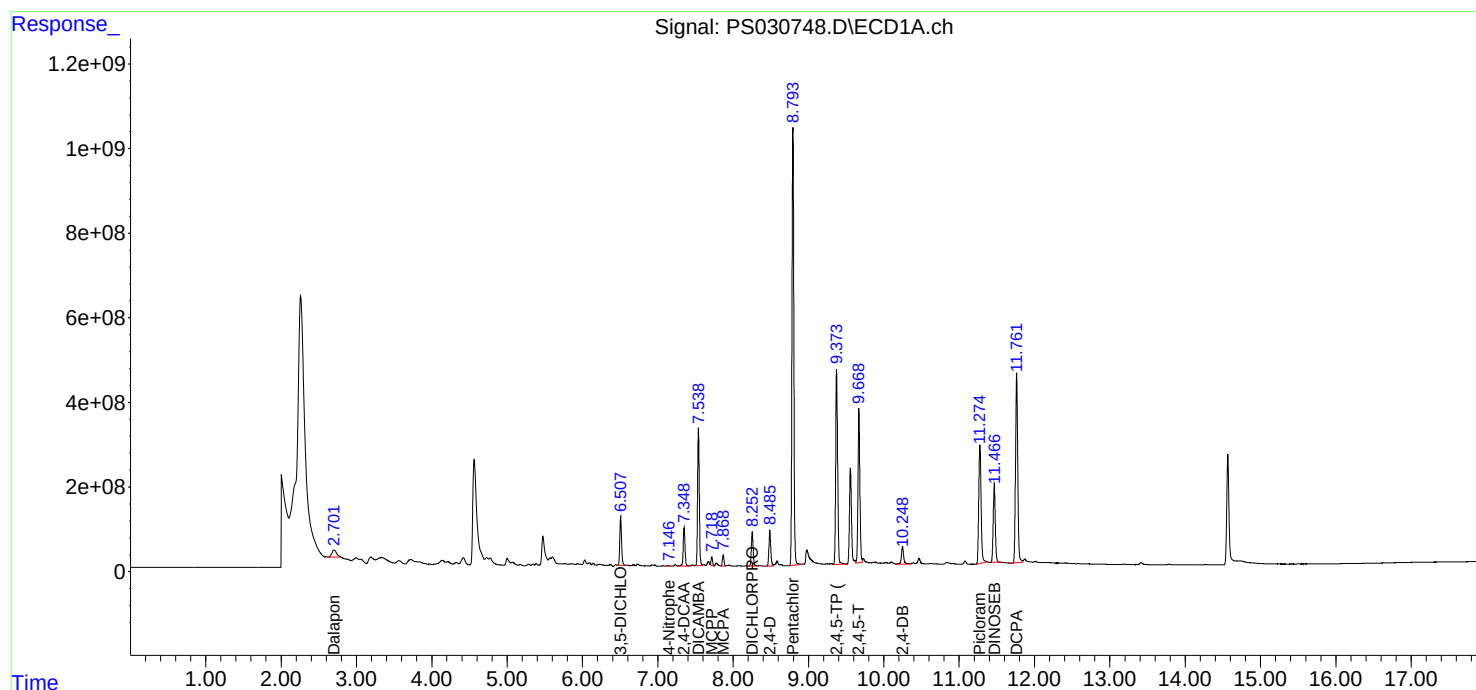
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```

      R.T.:    2.709 min
Delta R.T.:    0.001 min
  Response: 120116310
      Conc: 438.08 ng/ml m

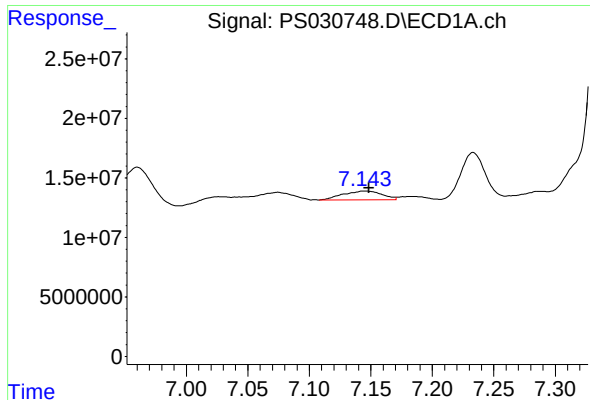
```

R.T.: 6.507 min
Delta R.T.: -0.001 min
Response: 1848383329
Conc: 343.72 ng/ml

```

      R.T.:      6.714 min
Delta R.T.:      0.000 min
  Response: 552967052
      Conc: 342.79 ng/ml m

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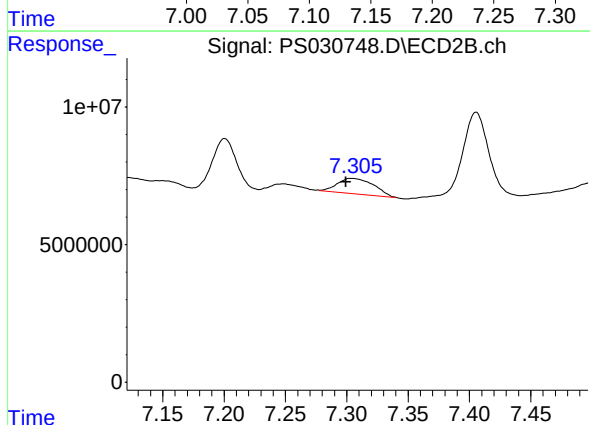
#3 4-Nitrophenol

R.T.: 7.146 min
Delta R.T.: -0.003 min
Response: 15990998
Conc: 10.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

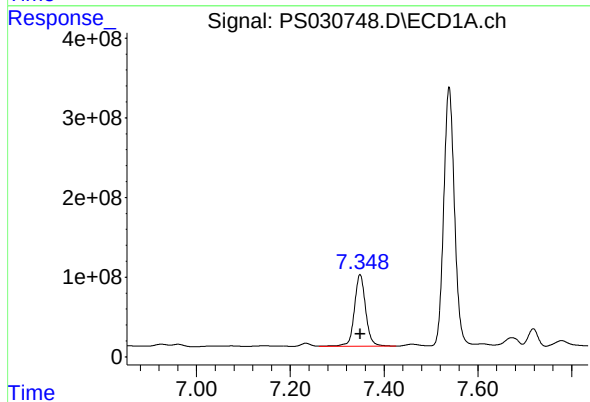
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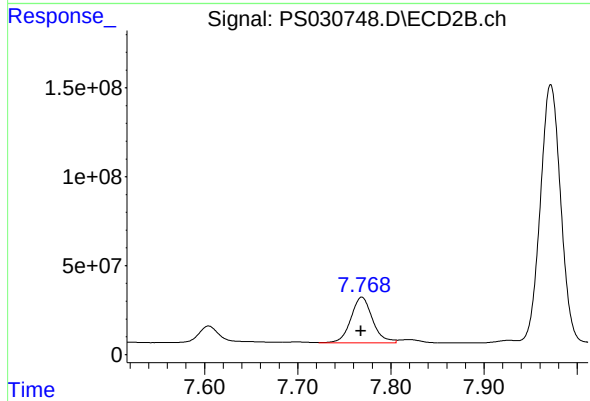
#3 4-Nitrophenol

R.T.: 7.305 min
Delta R.T.: 0.006 min
Response: 11645639
Conc: 6.72 ng/ml m



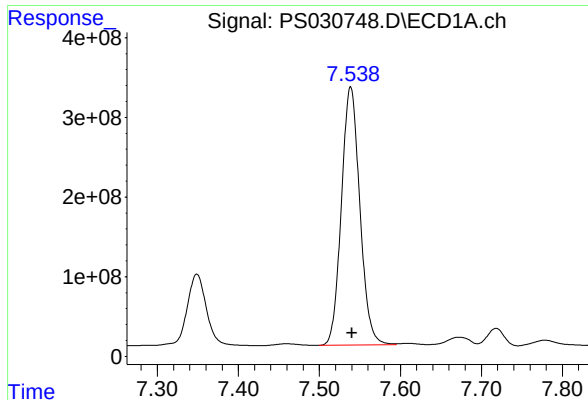
#4 2,4-DCAA

R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 1497241621
Conc: 407.48 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 416185732
Conc: 388.25 ng/ml m



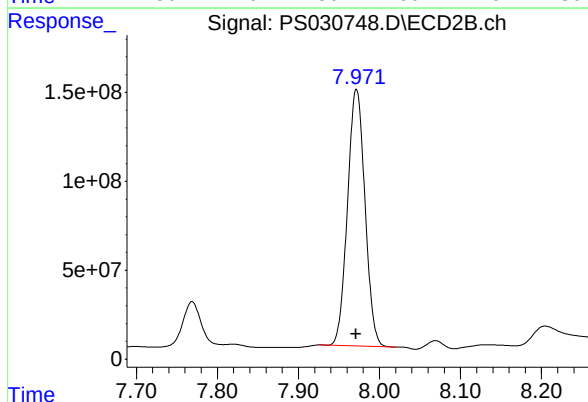
#5 DICAMBA

R.T.: 7.539 min
Delta R.T.: -0.002 min
Response: 5129942758
Conc: 337.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
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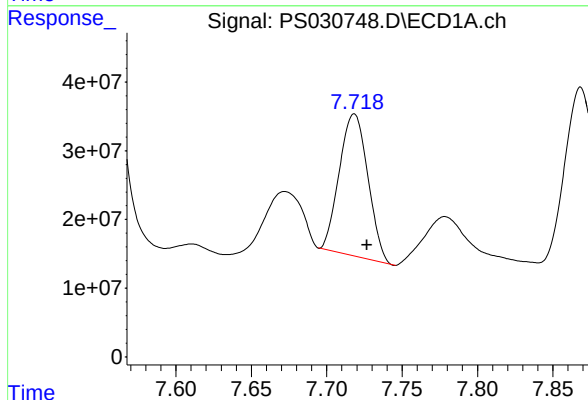
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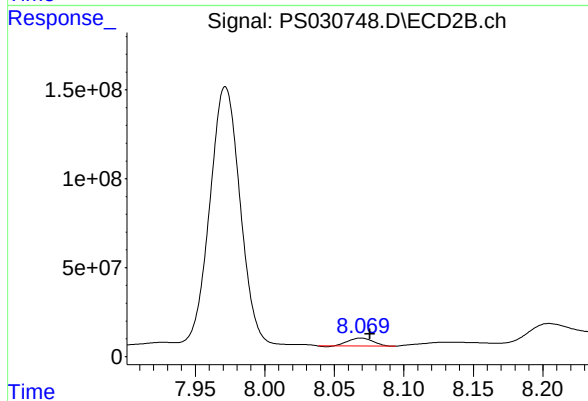
#5 DICAMBA

R.T.: 7.972 min
Delta R.T.: 0.000 min
Response: 2160906821
Conc: 329.75 ng/ml



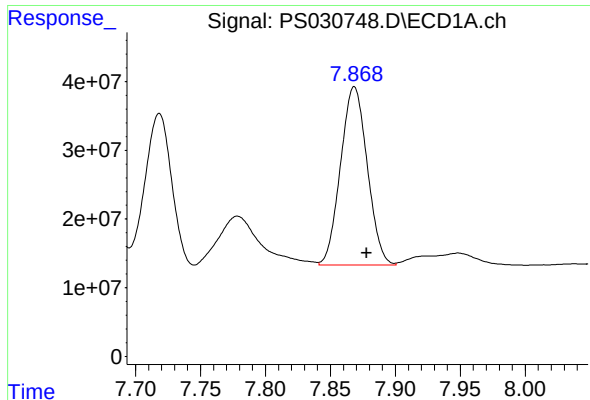
#6 MCPP

R.T.: 7.718 min
Delta R.T.: -0.009 min
Response: 272729714
Conc: 29.05 ug/ml



#6 MCPP

R.T.: 8.069 min
Delta R.T.: -0.007 min
Response: 54358004
Conc: 25.92 ug/ml



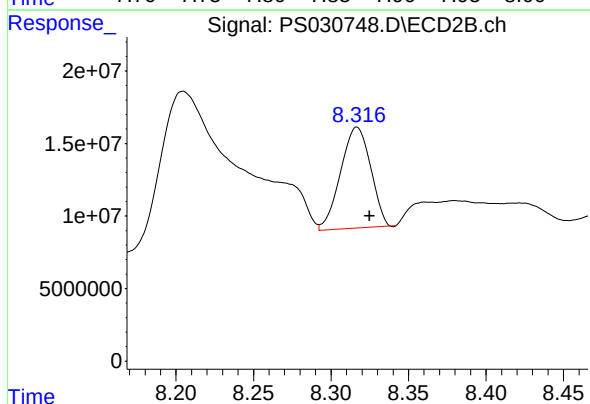
#7 MCPA

R.T.: 7.868 min
Delta R.T.: -0.010 min
Response: 371835106
Conc: 31.70 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

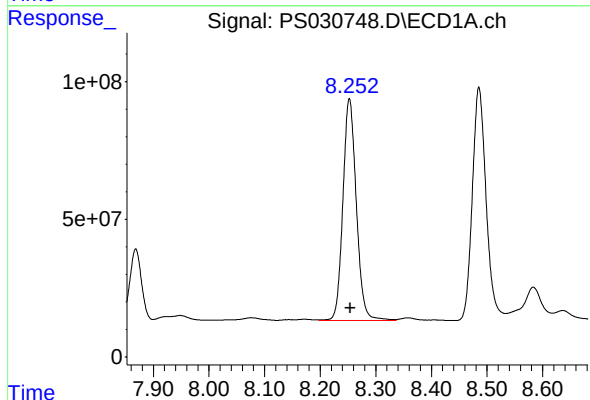
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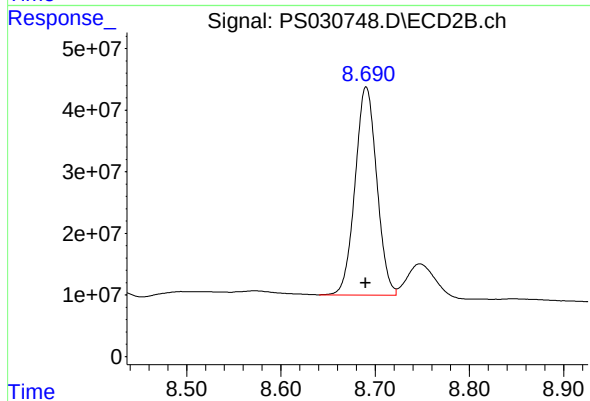
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.008 min
Response: 93697301
Conc: 29.79 ug/ml



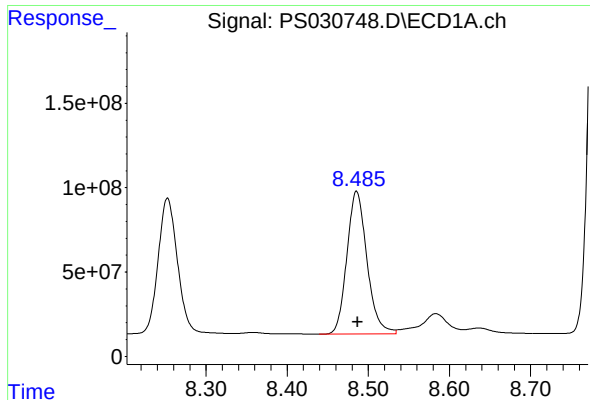
#8 DICHLORPROP

R.T.: 8.253 min
Delta R.T.: -0.002 min
Response: 1350093102
Conc: 360.43 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 541585715
Conc: 344.41 ng/ml m



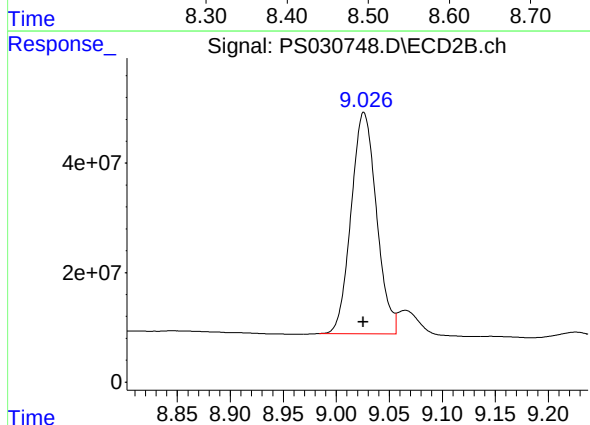
#9 2,4-D

R.T.: 8.486 min
Delta R.T.: -0.001 min
Response: 1458146398
Conc: 423.34 ng/ml

Instrument :
ECD_S
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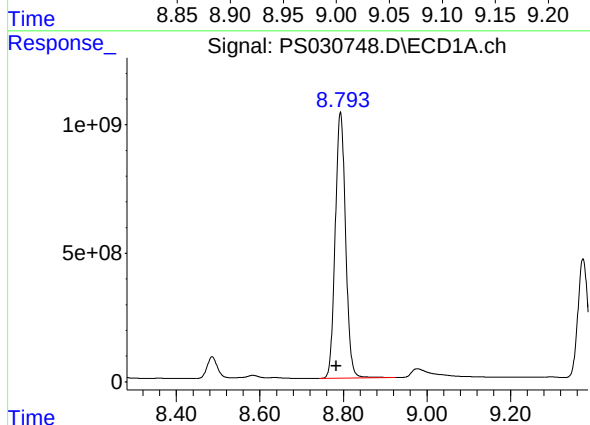
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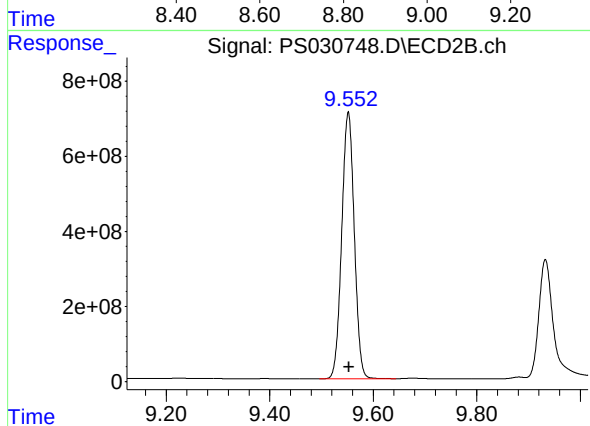
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 674428124
Conc: 396.86 ng/ml



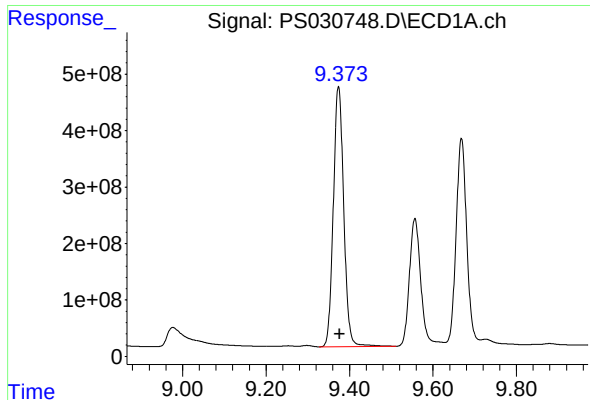
#10 Pentachlorophenol

R.T.: 8.793 min
Delta R.T.: 0.010 min
Response: 17766239351
Conc: 335.68 ng/ml



#10 Pentachlorophenol

R.T.: 9.552 min
Delta R.T.: -0.001 min
Response: 11961189371
Conc: 313.76 ng/ml



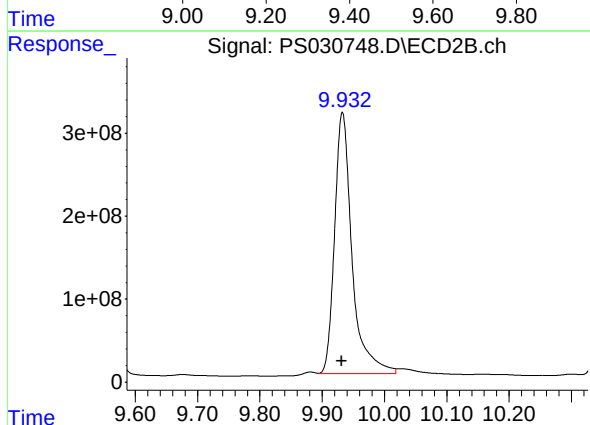
#11 2,4,5-TP (SILVEX)

R.T.: 9.374 min
Delta R.T.: -0.003 min
Response: 7990136687
Conc: 398.90 ng/ml

Instrument :
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ClientSampleId :
TP-1MSD

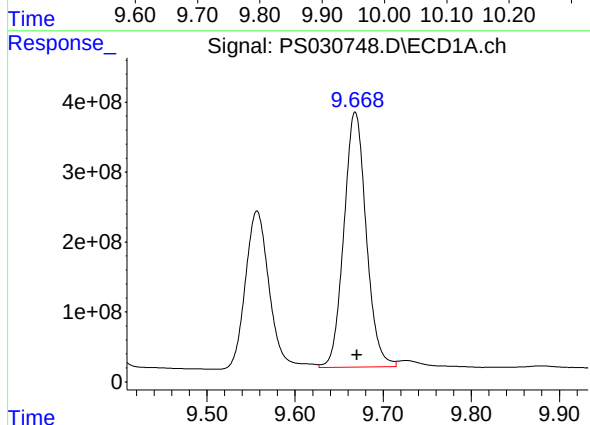
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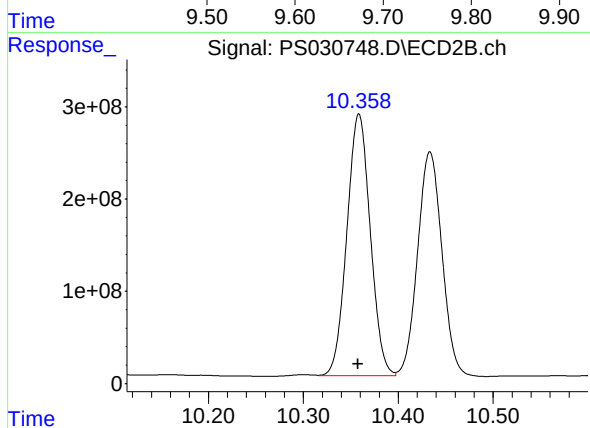
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 6117888502
Conc: 424.01 ng/ml m



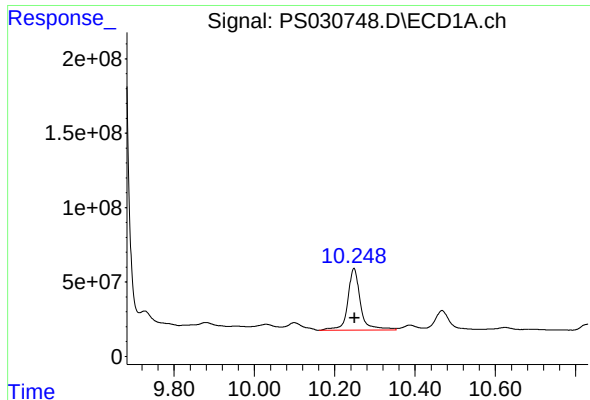
#12 2,4,5-T

R.T.: 9.668 min
Delta R.T.: -0.002 min
Response: 6425113500
Conc: 390.51 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: 0.000 min
Response: 4866017822
Conc: 356.10 ng/ml m



#13 2,4-DB

R.T.: 10.248 min
Delta R.T.: -0.002 min
Response: 914318887
Conc: 398.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

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#13 2,4-DB

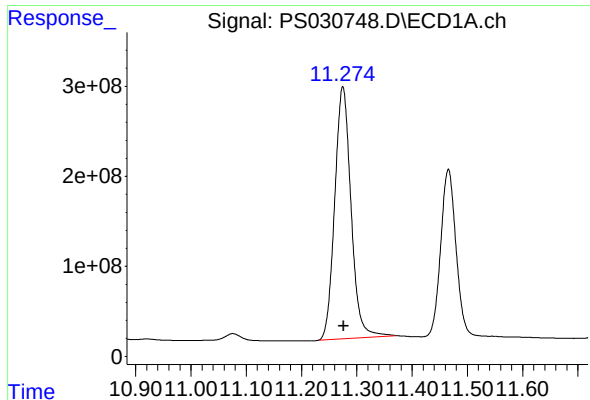
R.T.: 10.926 min
Delta R.T.: 0.000 min
Response: 411391122
Conc: 347.78 ng/ml

#14 DINOSEB

R.T.: 11.466 min
Delta R.T.: -0.003 min
Response: 3571284306
Conc: 257.42 ng/ml

#14 DINOSEB

R.T.: 11.312 min
Delta R.T.: 0.000 min
Response: 2529545330
Conc: 234.62 ng/ml



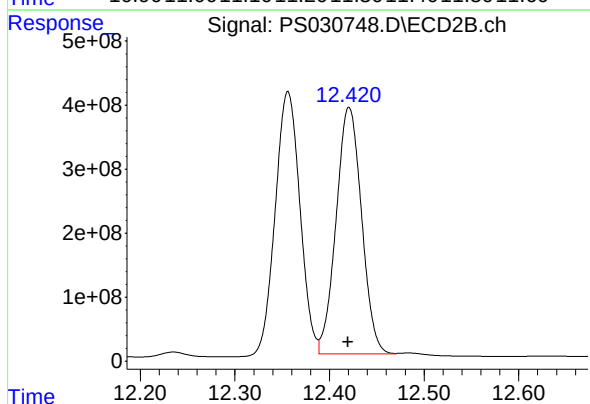
#15 Picloram

R.T.: 11.275 min
Delta R.T.: -0.002 min
Response: 5744738233
Conc: 357.35 ng/ml

Instrument :
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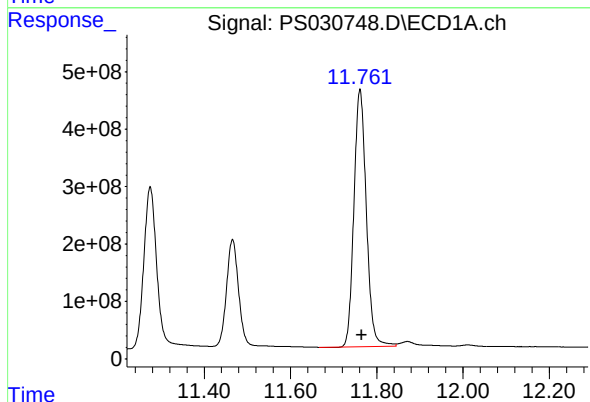
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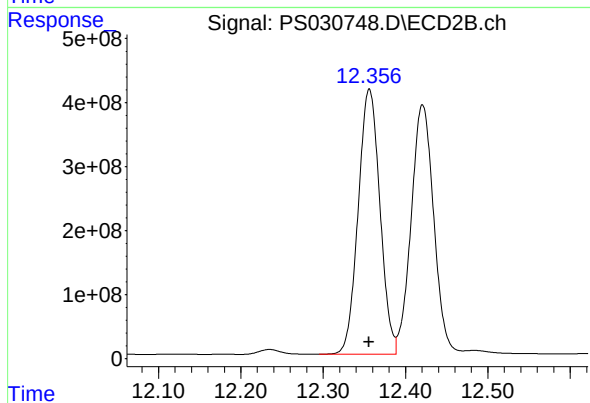
#15 Picloram

R.T.: 12.420 min
Delta R.T.: 0.000 min
Response: 7202367447
Conc: 309.89 ng/ml m



#16 DCPA

R.T.: 11.761 min
Delta R.T.: -0.004 min
Response: 8925988712
Conc: 348.45 ng/ml



#16 DCPA

R.T.: 12.356 min
Delta R.T.: 0.000 min
Response: 7606958061
Conc: 345.10 ng/ml m