

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051525\
 Data File : PS030238.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 16:54
 Operator : AR\AJ
 Sample : Q1982-08MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-9MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/16/2025
 Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 04:25:38 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	6.933	7.451	1507.0E6	399.3E6	529.167	499.021m
Target Compounds							
1) T	Dalapon	2.444	2.517	1925.9E6	1554.4E6	391.820	765.327 #
2) T	3,5-DICHL...	6.138	6.451	1945.3E6	491.3E6	466.426	421.443m
3) T	4-Nitroph...	6.723	6.986	596.8E6	282.9E6	288.909	270.991
5) T	DICAMBA	7.109	7.637	4927.4E6	2082.7E6	426.341	440.495
6) T	MCPD	7.287	7.743	331.9E6	76698429	45.569	41.689
7) T	MCPA	7.430	7.973	401.5E6	131.7E6	38.678	49.933 #
8) T	DICHLORPROP	7.789	8.330	1415.4E6	564.7E6	484.500	477.967
9) T	2,4-D	8.008	8.642	1663.1E6	644.1E6	507.205	499.144
10) T	Pentachlo...	8.286	9.142	17969.0E6	11016.7E6	443.669	446.290
11) T	2,4,5-TP ...	8.849	9.520	7215.8E6	4709.8E6	445.531	478.128
12) T	2,4,5-T	9.132	9.923	7061.9E6	4243.9E6	427.601	461.107
13) T	2,4-DB	9.690	10.481	926.8E6	454.4E6	355.111m	457.860 #
14) T	DINOSEB	10.850	10.846	306.6E6	233.7E6	26.808m	34.200m#
15) T	Picloram	10.670	11.886	7659.9E6	6225.5E6	358.157	442.365m
16) T	DCPA	11.152	11.885	8453.7E6	5050.3E6	424.566	373.805m

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

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Operator : AR\AJ
Sample : Q1982-08MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

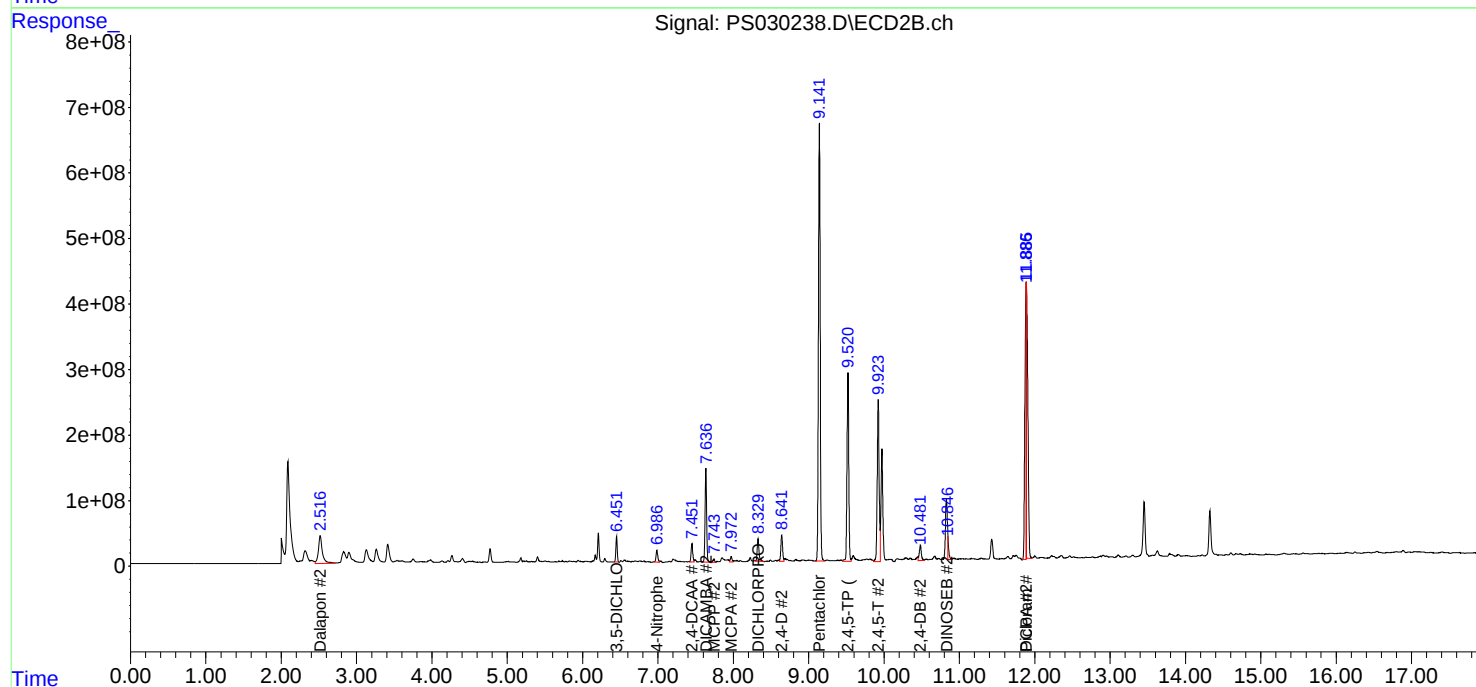
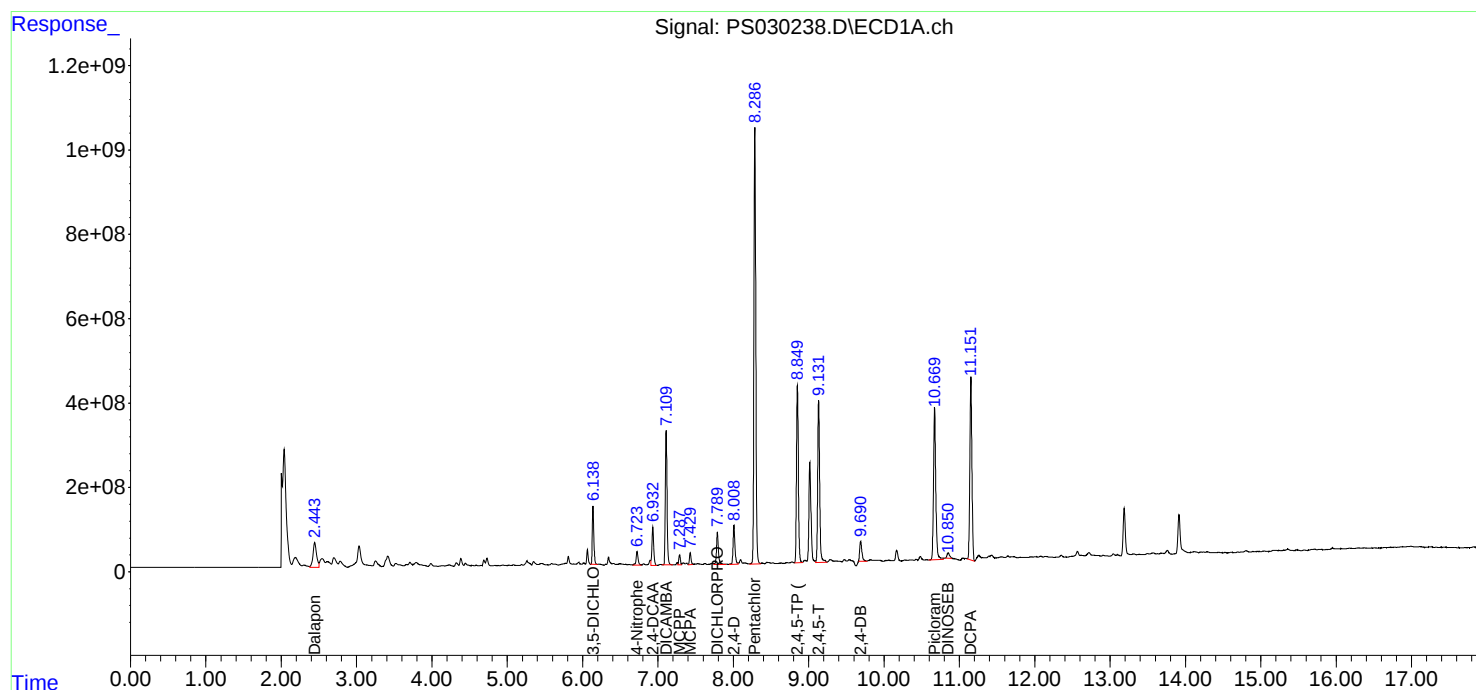
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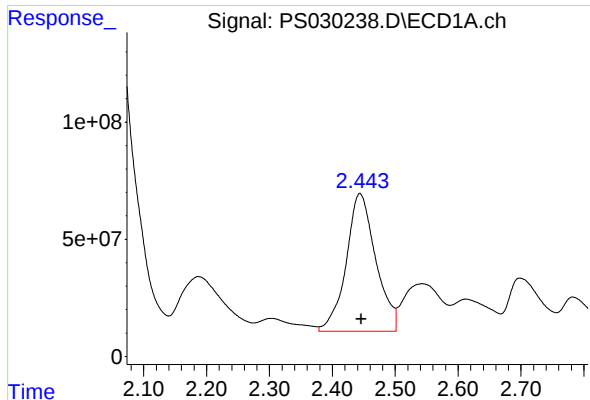
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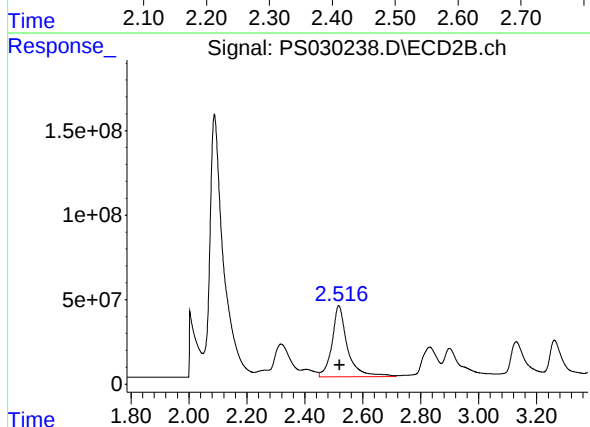
#1 Dalapon

R.T.: 2.444 min
Delta R.T.: -0.002 min
Response: 1925937836
Conc: 391.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-9MSD

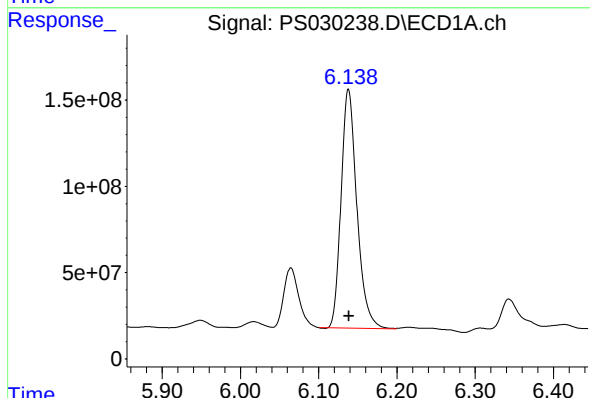
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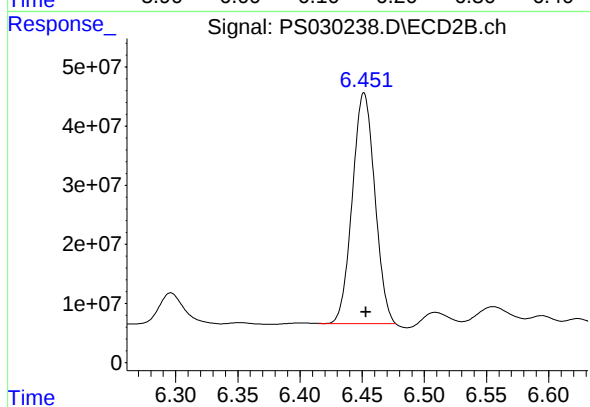
#1 Dalapon

R.T.: 2.517 min
Delta R.T.: -0.003 min
Response: 1554417535
Conc: 765.33 ng/ml



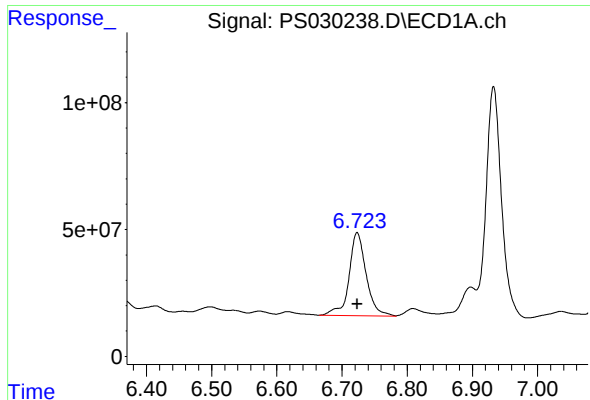
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 1945255525
Conc: 466.43 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.451 min
Delta R.T.: -0.002 min
Response: 491331244
Conc: 421.44 ng/ml m



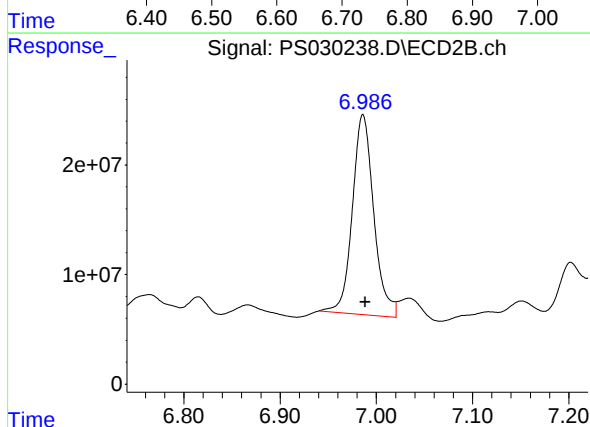
#3 4-Nitrophenol

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 596774517
Conc: 288.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-9MSD

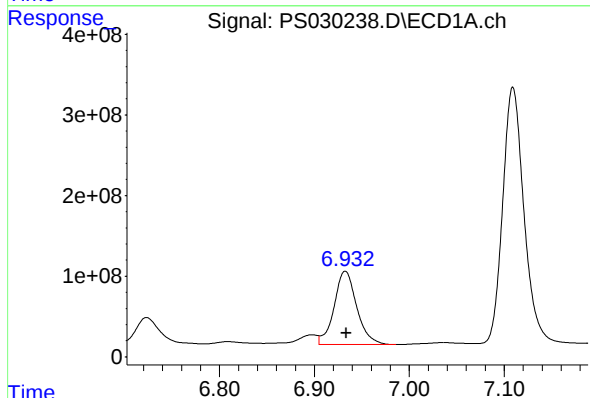
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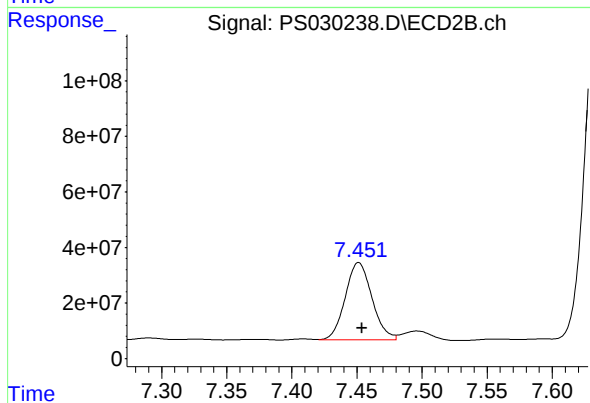
#3 4-Nitrophenol

R.T.: 6.986 min
Delta R.T.: -0.002 min
Response: 282923347
Conc: 270.99 ng/ml



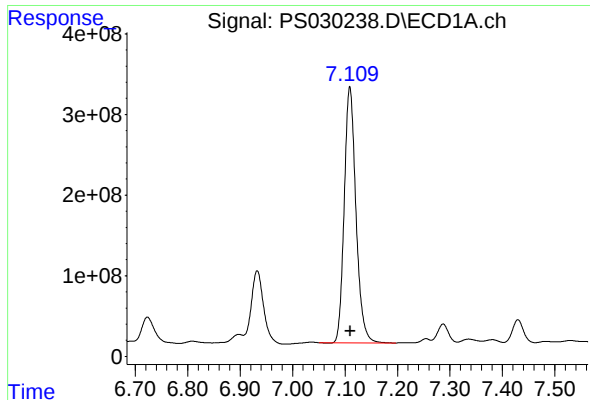
#4 2,4-DCAA

R.T.: 6.933 min
Delta R.T.: -0.001 min
Response: 1506966881
Conc: 529.17 ng/ml



#4 2,4-DCAA

R.T.: 7.451 min
Delta R.T.: -0.003 min
Response: 399318130
Conc: 499.02 ng/ml m



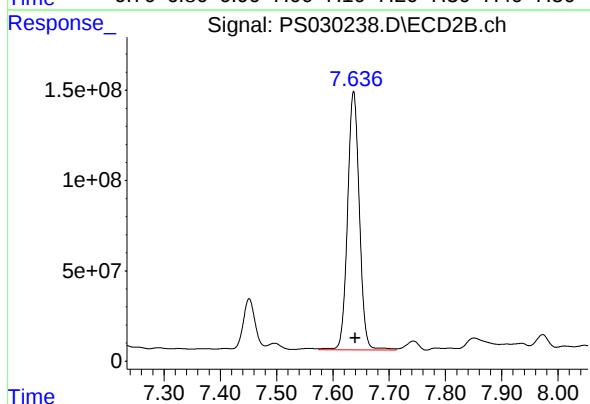
#5 DICAMBA

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 4927373699
Conc: 426.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-9MSD

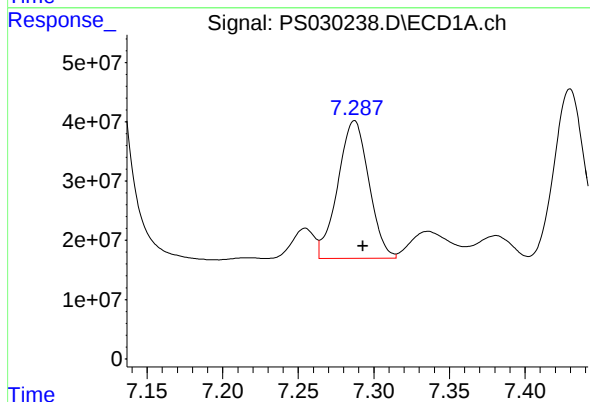
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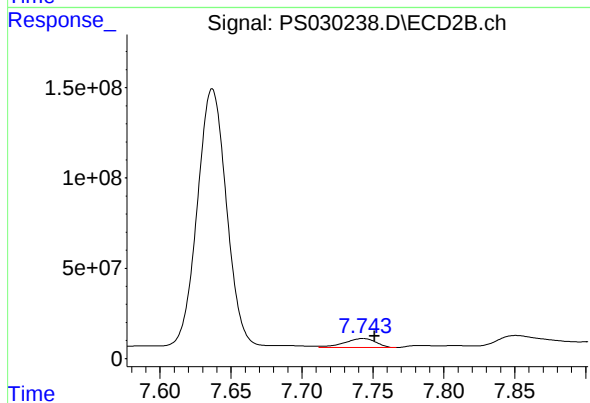
#5 DICAMBA

R.T.: 7.637 min
Delta R.T.: -0.003 min
Response: 2082652390
Conc: 440.50 ng/ml



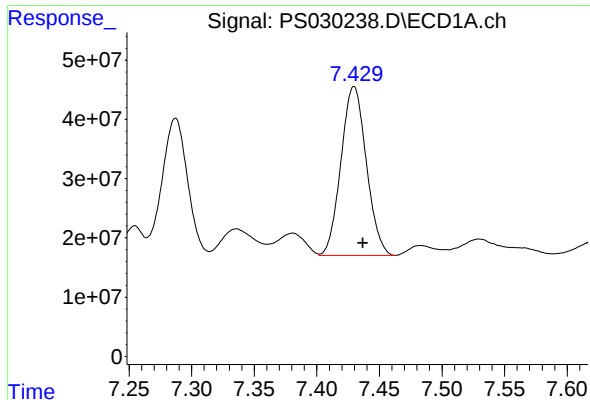
#6 MCPP

R.T.: 7.287 min
Delta R.T.: -0.006 min
Response: 331867609
Conc: 45.57 ug/ml



#6 MCPP

R.T.: 7.743 min
Delta R.T.: -0.008 min
Response: 76698429
Conc: 41.69 ug/ml



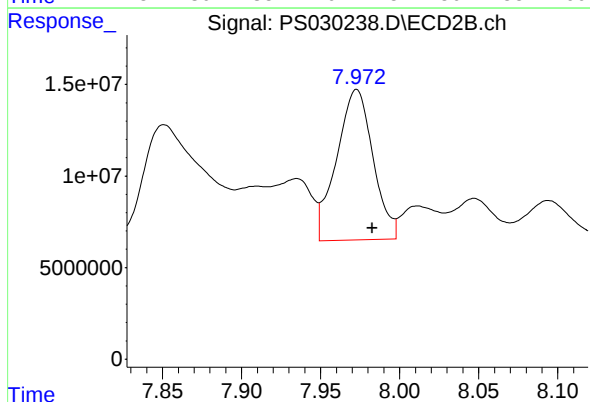
#7 MCPA

R.T.: 7.430 min
Delta R.T.: -0.007 min
Response: 401512217
Conc: 38.68 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-9MSD

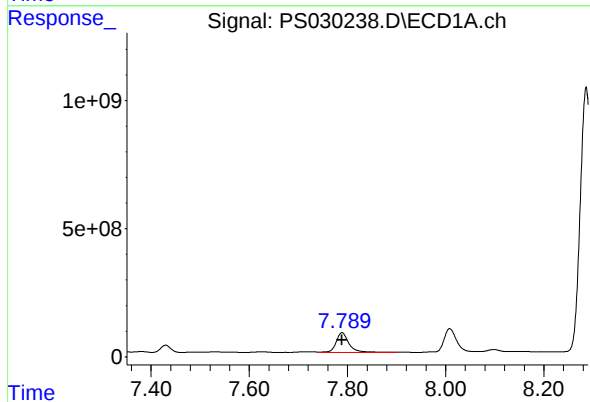
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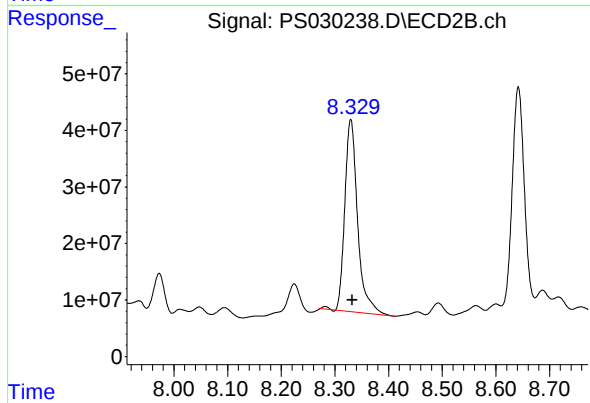
#7 MCPA

R.T.: 7.973 min
Delta R.T.: -0.010 min
Response: 131706152
Conc: 49.93 ug/ml



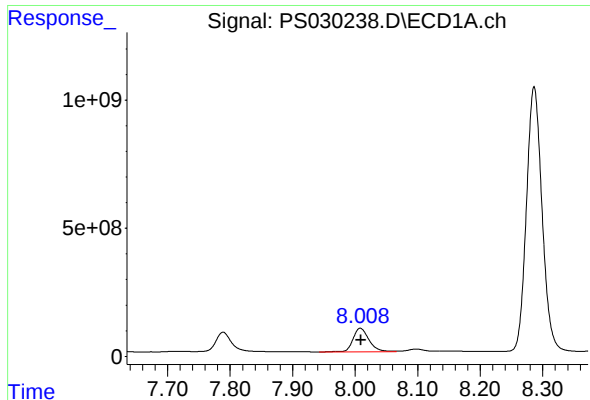
#8 DICHLORPROP

R.T.: 7.789 min
Delta R.T.: 0.000 min
Response: 1415392025
Conc: 484.50 ng/ml



#8 DICHLORPROP

R.T.: 8.330 min
Delta R.T.: -0.003 min
Response: 564685601
Conc: 477.97 ng/ml



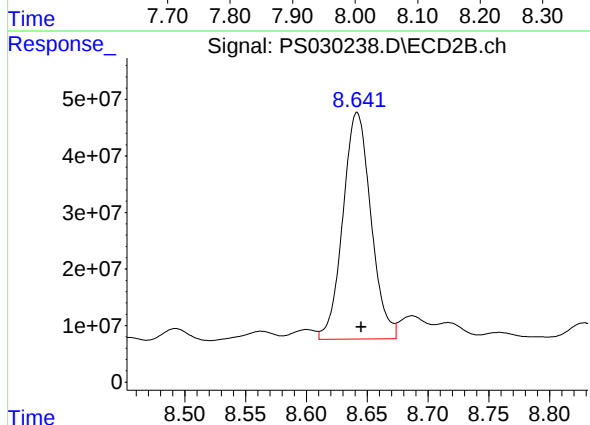
#9 2,4-D

R.T.: 8.008 min
Delta R.T.: 0.000 min
Response: 1663091964
Conc: 507.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-9MSD

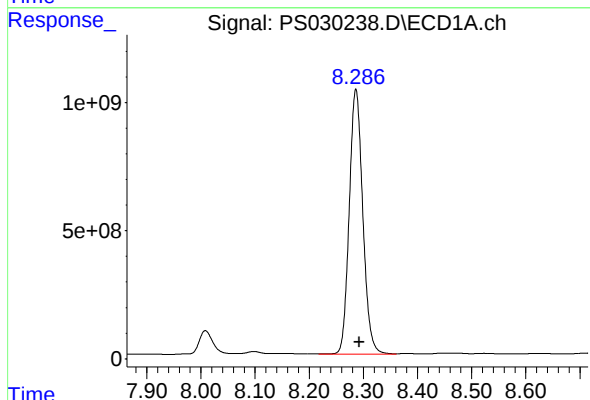
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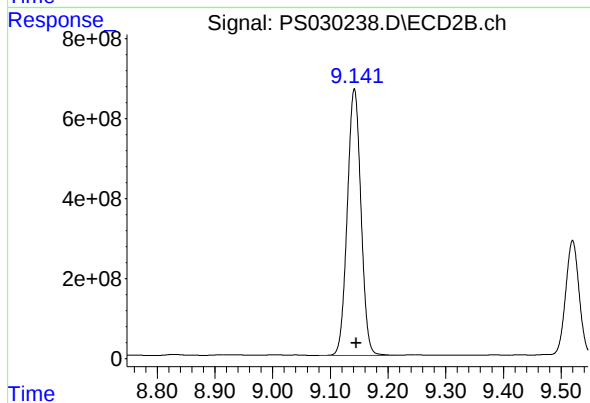
#9 2,4-D

R.T.: 8.642 min
Delta R.T.: -0.003 min
Response: 644145457
Conc: 499.14 ng/ml



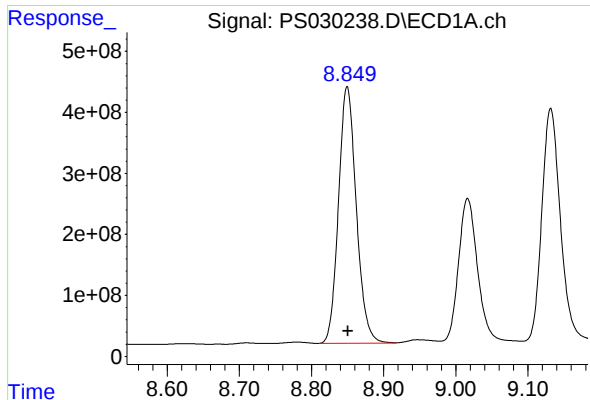
#10 Pentachlorophenol

R.T.: 8.286 min
Delta R.T.: -0.007 min
Response: 17968958829
Conc: 443.67 ng/ml



#10 Pentachlorophenol

R.T.: 9.142 min
Delta R.T.: -0.003 min
Response: 11016650668
Conc: 446.29 ng/ml



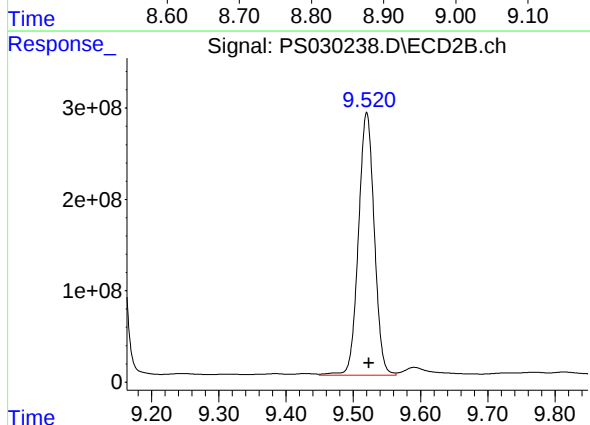
#11 2,4,5-TP (SILVEX)

R.T.: 8.849 min
Delta R.T.: -0.001 min
Response: 7215817068
Conc: 445.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-9MSD

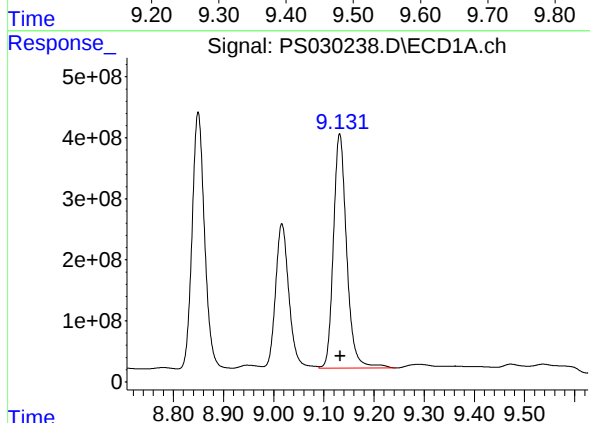
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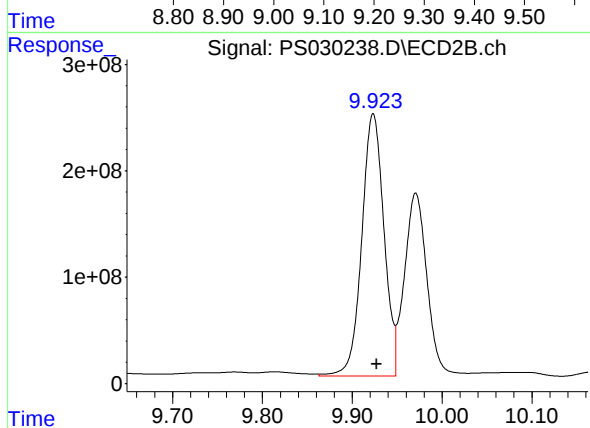
#11 2,4,5-TP (SILVEX)

R.T.: 9.520 min
Delta R.T.: -0.003 min
Response: 4709761446
Conc: 478.13 ng/ml



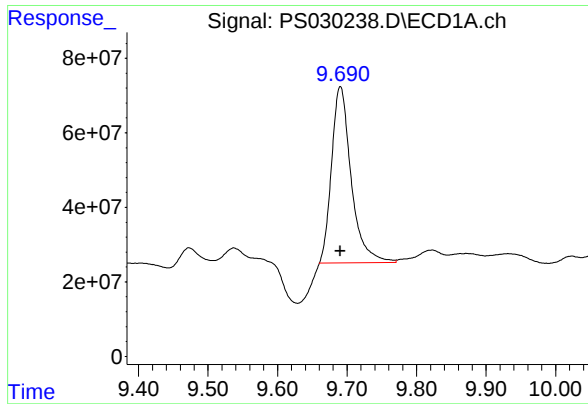
#12 2,4,5-T

R.T.: 9.132 min
Delta R.T.: -0.001 min
Response: 7061911148
Conc: 427.60 ng/ml



#12 2,4,5-T

R.T.: 9.923 min
Delta R.T.: -0.004 min
Response: 4243852365
Conc: 461.11 ng/ml



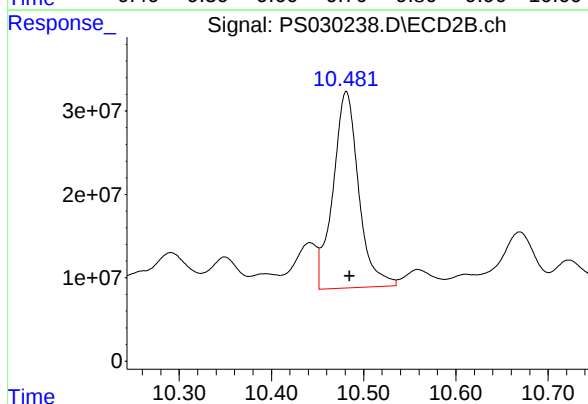
#13 2,4-DB

R.T.: 9.690 min
Delta R.T.: 0.000 min
Response: 926759060
Conc: 355.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-9MSD

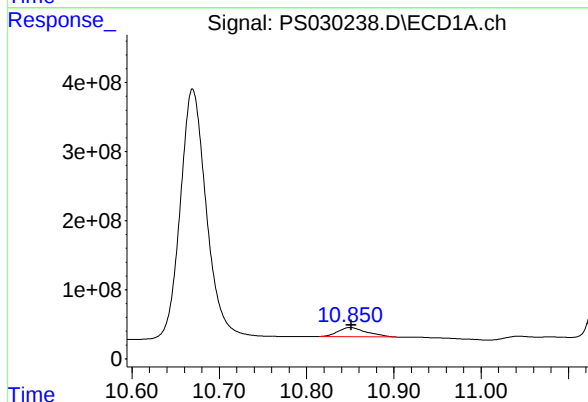
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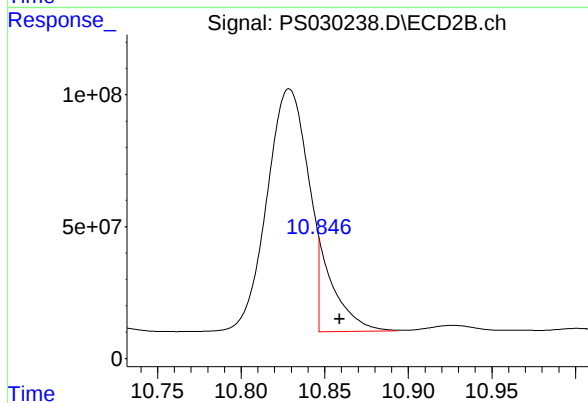
#13 2,4-DB

R.T.: 10.481 min
Delta R.T.: -0.004 min
Response: 454367571
Conc: 457.86 ng/ml



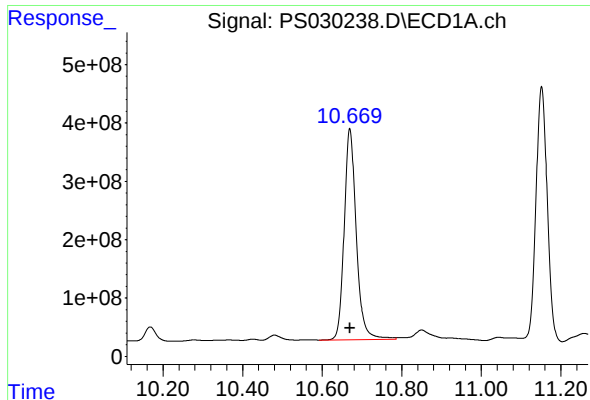
#14 DINOSEB

R.T.: 10.850 min
Delta R.T.: -0.002 min
Response: 306583341
Conc: 26.81 ng/ml m



#14 DINOSEB

R.T.: 10.846 min
Delta R.T.: -0.012 min
Response: 233654551
Conc: 34.20 ng/ml m



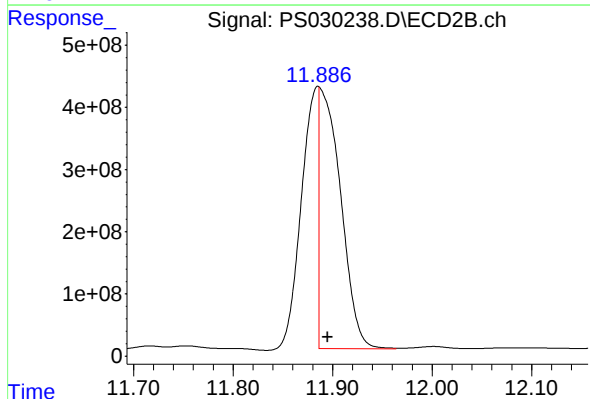
#15 Picloram

R.T.: 10.670 min
Delta R.T.: 0.000 min
Response: 7659884973
Conc: 358.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
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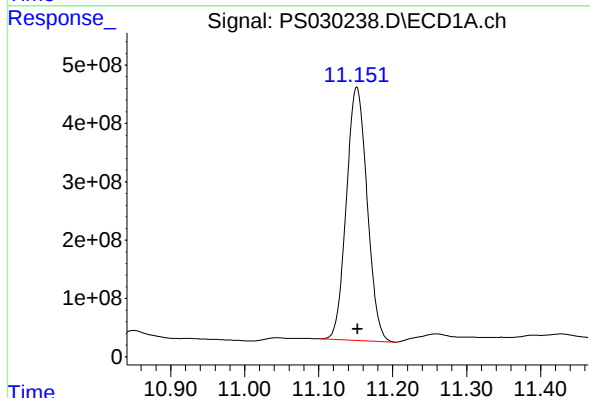
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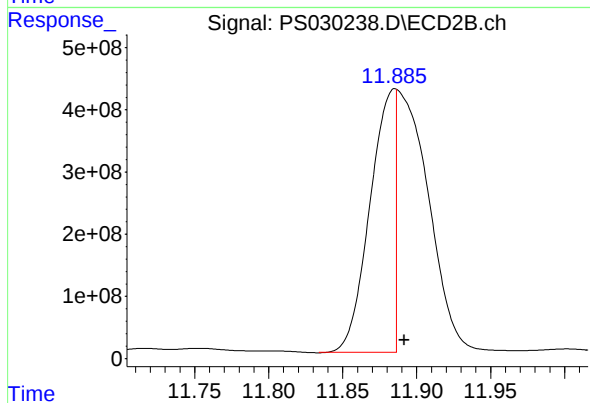
#15 Picloram

R.T.: 11.886 min
Delta R.T.: -0.009 min
Response: 6225453190
Conc: 442.36 ng/ml m



#16 DCPA

R.T.: 11.152 min
Delta R.T.: -0.001 min
Response: 8453735008
Conc: 424.57 ng/ml



#16 DCPA

R.T.: 11.885 min
Delta R.T.: -0.007 min
Response: 5050301093
Conc: 373.81 ng/ml m