

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050825\
 Data File : PS030090.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2025 17:15
 Operator : AR\AJ
 Sample : PB167912BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167912BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/09/2025
 Supervised By : mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 06:05:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 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	6.937	7.460	1428.1E6	408.3E6	580.287	579.507
Target Compounds							
1) T	Dalapon	2.448	2.523	2343.8E6	893.4E6	572.332	514.590
2) T	3,5-DICHL...	6.142	6.457	1929.0E6	531.9E6	539.755	544.142
3) T	4-Nitroph...	6.727	6.994	936.3E6	429.3E6	525.052	560.513
5) T	DICAMBA	7.113	7.646	5440.3E6	2223.4E6	549.369	562.882
6) T	MCPD	7.291	7.752	322.7E6	87617603	50.073	50.097
7) T	MCPA	7.433	7.982	459.5E6	128.6E6	52.028	54.360
8) T	DICHLORPROP	7.793	8.339	1371.9E6	570.5E6	541.363	568.212
9) T	2,4-D	8.013	8.651	1544.4E6	627.5E6	549.059	556.755
10) T	Pentachlo...	8.290	9.152	19851.7E6	11998.7E6	569.060	589.767
11) T	2,4,5-TP ...	8.855	9.530	7852.6E6	4740.5E6	566.449	579.396
12) T	2,4,5-T	9.137	9.935	7990.1E6	4413.4E6	568.565	568.549
13) T	2,4-DB	9.695	10.493	1277.5E6	446.5E6	558.984	554.818
14) T	DINOSEB	10.857	10.866	5609.7E6	3236.5E6	551.406	555.052
15) T	Picloram	10.676	11.902	9814.8E6	6662.8E6	535.430	542.416m
16) T	DCPA	11.158	11.899	9867.9E6	5944.8E6	579.747	527.414m

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

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Acq On : 08 May 2025 17:15
Operator : AR\AJ
Sample : PB167912BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

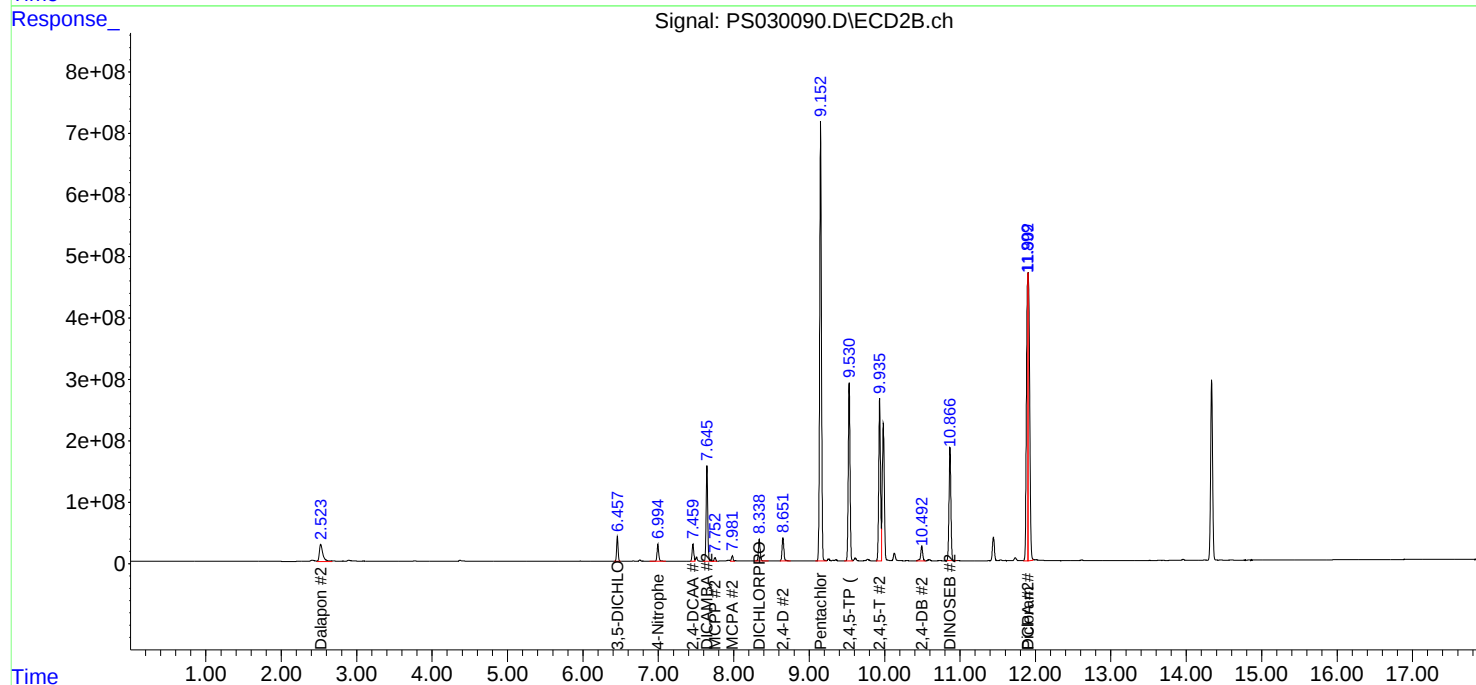
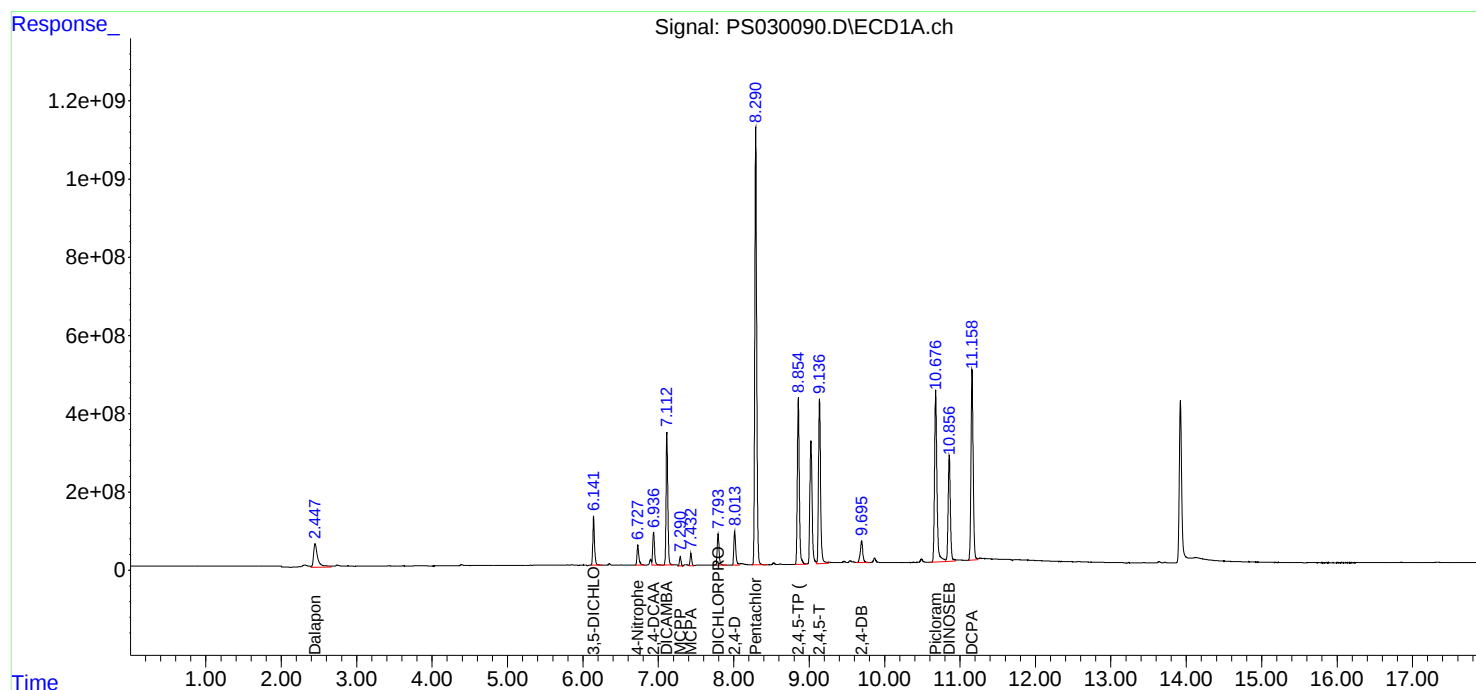
Instrument :
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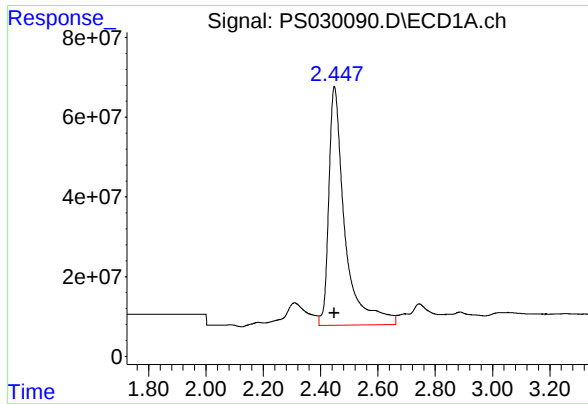
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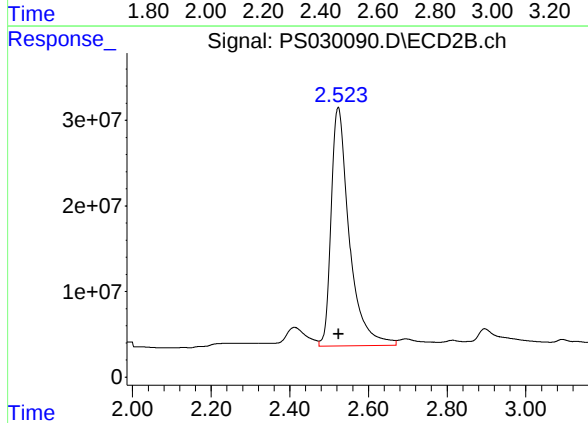
#1 Dalapon

R.T.: 2.448 min
Delta R.T.: 0.000 min
Response: 2343847944
Conc: 572.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167912BSD

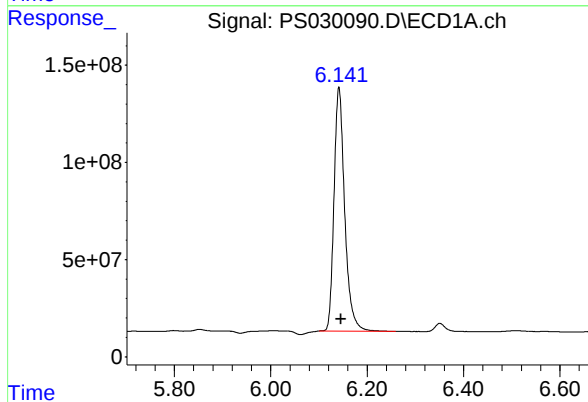
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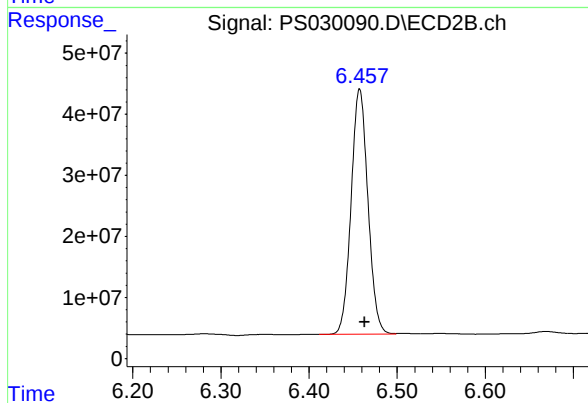
#1 Dalapon

R.T.: 2.523 min
Delta R.T.: -0.001 min
Response: 893402490
Conc: 514.59 ng/ml



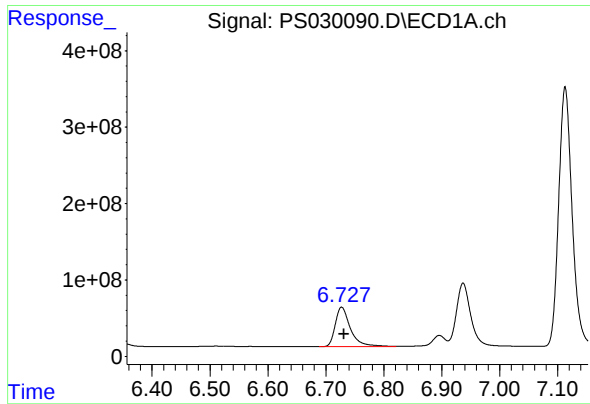
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.142 min
Delta R.T.: -0.004 min
Response: 1928970275
Conc: 539.76 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.457 min
Delta R.T.: -0.006 min
Response: 531942303
Conc: 544.14 ng/ml



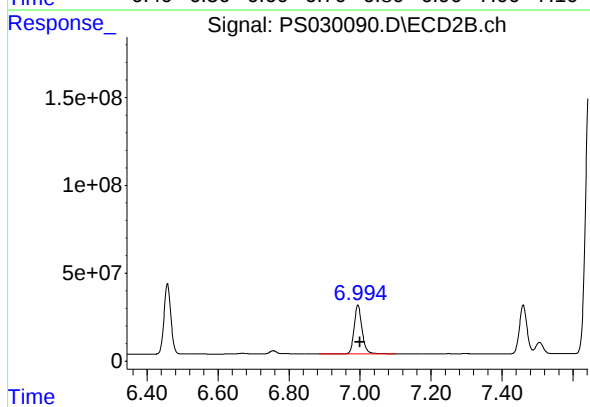
#3 4-Nitrophenol

R.T.: 6.727 min
Delta R.T.: -0.004 min
Response: 936336484
Conc: 525.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167912BSD

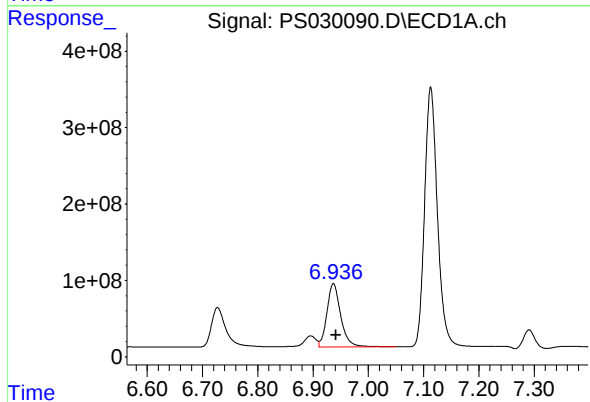
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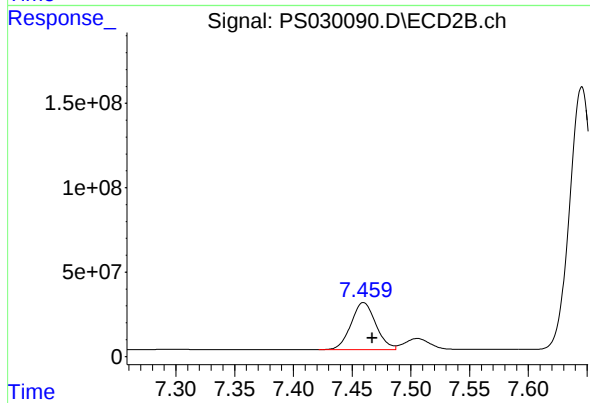
#3 4-Nitrophenol

R.T.: 6.994 min
Delta R.T.: -0.006 min
Response: 429308906
Conc: 560.51 ng/ml



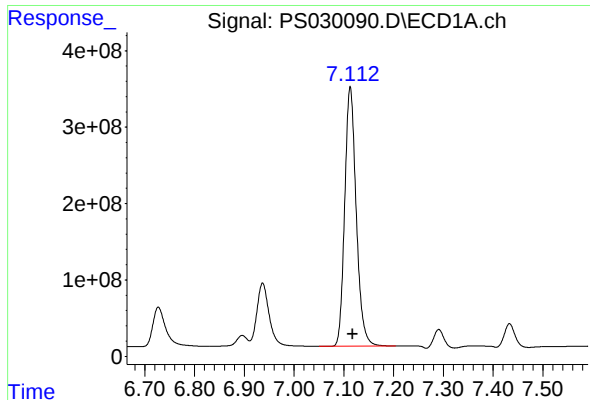
#4 2,4-DCAA

R.T.: 6.937 min
Delta R.T.: -0.005 min
Response: 1428132311
Conc: 580.29 ng/ml



#4 2,4-DCAA

R.T.: 7.460 min
Delta R.T.: -0.007 min
Response: 408272719
Conc: 579.51 ng/ml



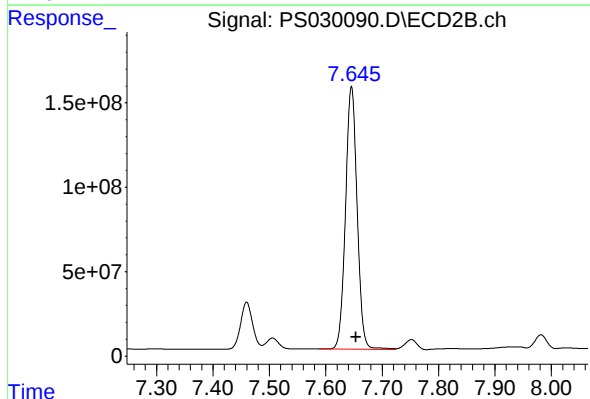
#5 DICAMBA

R.T.: 7.113 min
Delta R.T.: -0.005 min
Response: 5440323273
Conc: 549.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167912BSD

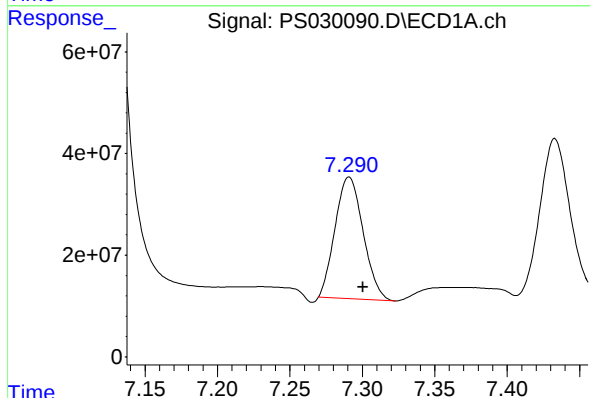
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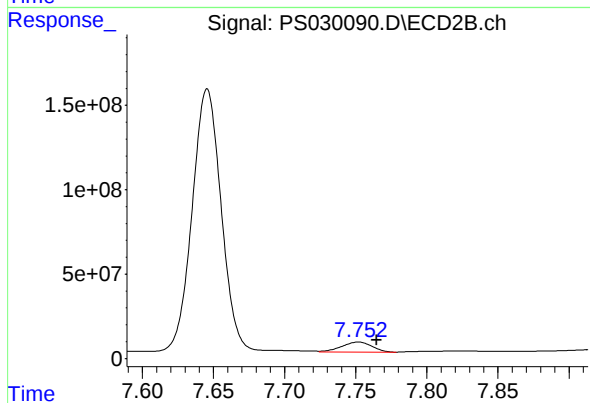
#5 DICAMBA

R.T.: 7.646 min
Delta R.T.: -0.008 min
Response: 2223418965
Conc: 562.88 ng/ml



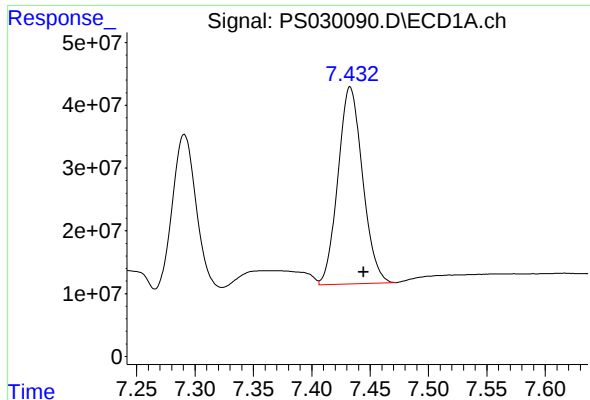
#6 MCPP

R.T.: 7.291 min
Delta R.T.: -0.009 min
Response: 322650161
Conc: 50.07 ug/ml



#6 MCPP

R.T.: 7.752 min
Delta R.T.: -0.013 min
Response: 87617603
Conc: 50.10 ug/ml



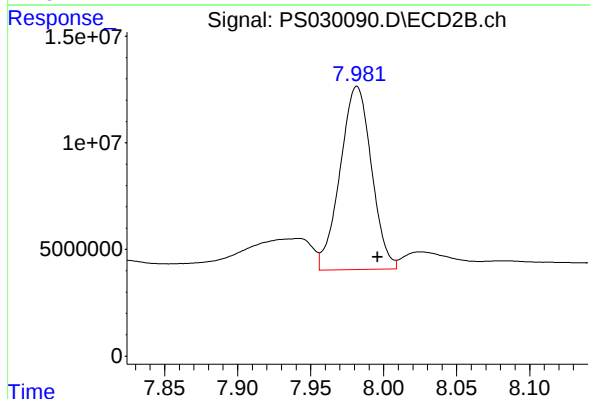
#7 MCPA

R.T.: 7.433 min
Delta R.T.: -0.011 min
Response: 459473697
Conc: 52.03 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167912BSD

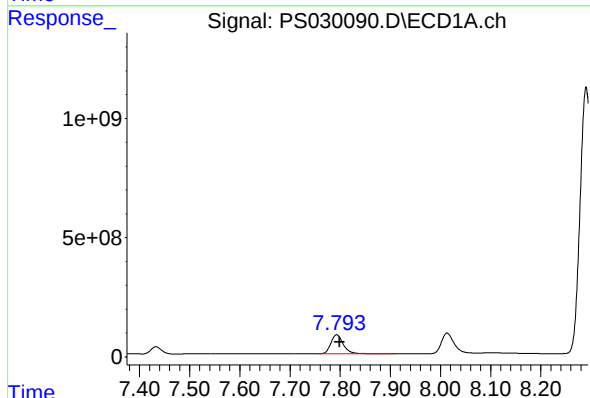
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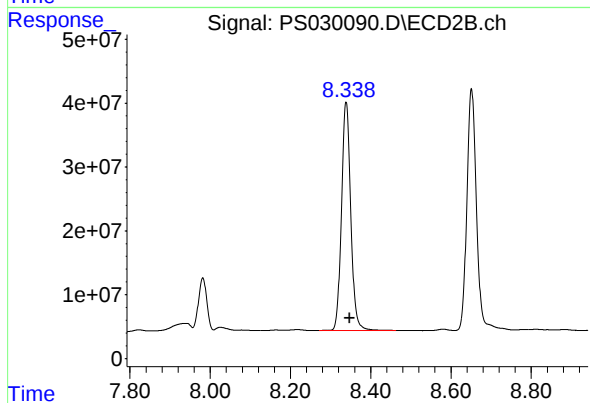
#7 MCPA

R.T.: 7.982 min
Delta R.T.: -0.014 min
Response: 128604716
Conc: 54.36 ug/ml



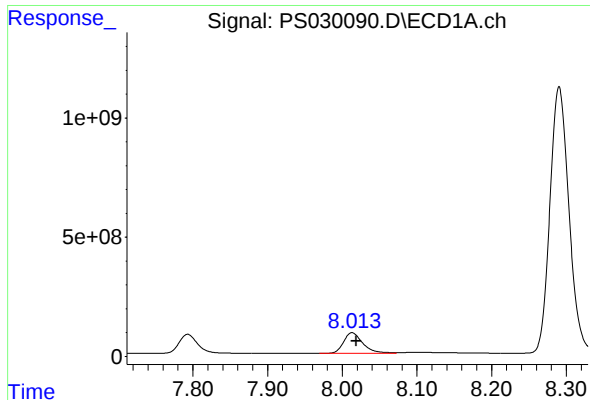
#8 DICHLORPROP

R.T.: 7.793 min
Delta R.T.: -0.006 min
Response: 1371871451
Conc: 541.36 ng/ml



#8 DICHLORPROP

R.T.: 8.339 min
Delta R.T.: -0.009 min
Response: 570464670
Conc: 568.21 ng/ml



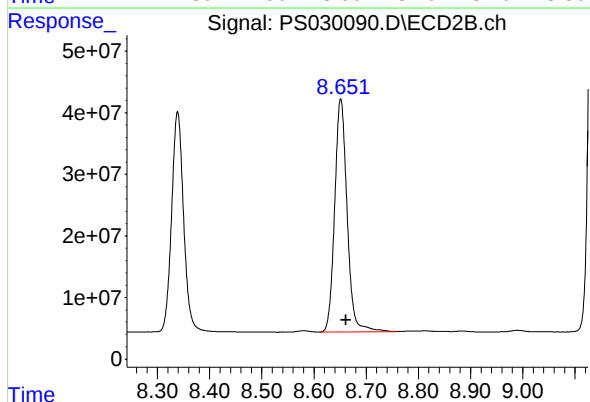
#9 2,4-D

R.T.: 8.013 min
Delta R.T.: -0.006 min
Response: 1544433241
Conc: 549.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167912BSD

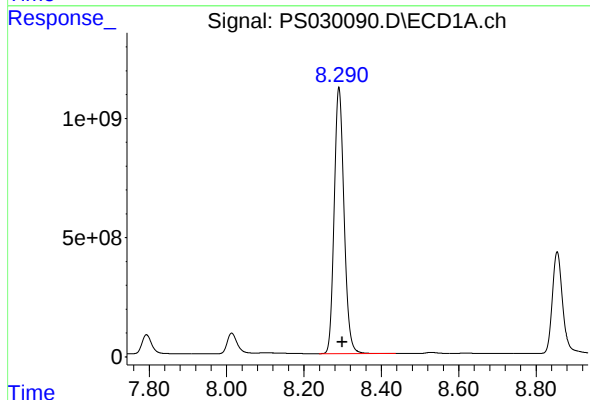
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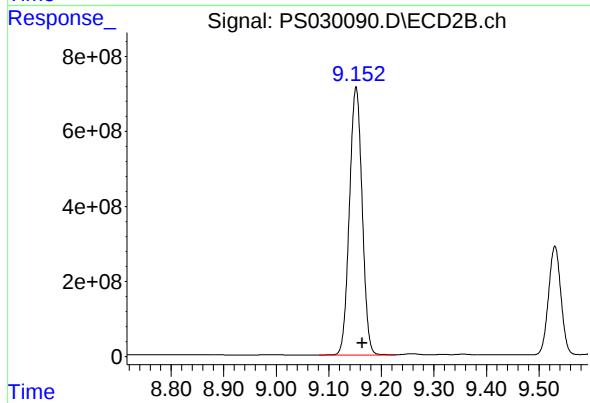
#9 2,4-D

R.T.: 8.651 min
Delta R.T.: -0.010 min
Response: 627522446
Conc: 556.75 ng/ml



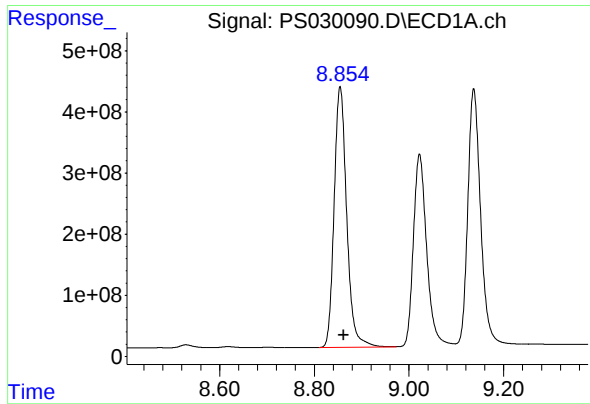
#10 Pentachlorophenol

R.T.: 8.290 min
Delta R.T.: -0.009 min
Response: 1985165550
Conc: 569.06 ng/ml



#10 Pentachlorophenol

R.T.: 9.152 min
Delta R.T.: -0.012 min
Response: 11998692414
Conc: 589.77 ng/ml



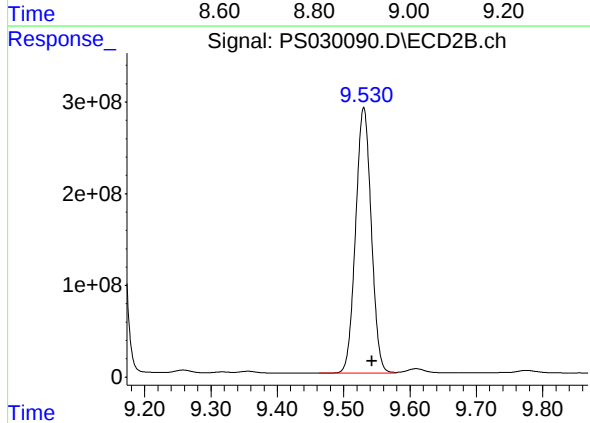
#11 2,4,5-TP (SILVEX)

R.T.: 8.855 min
Delta R.T.: -0.008 min
Response: 7852587509
Conc: 566.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167912BSD

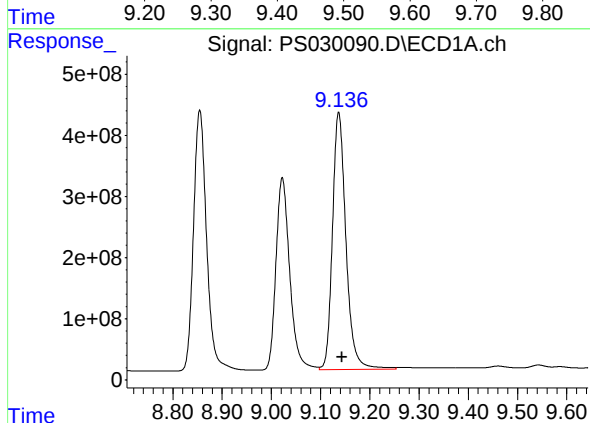
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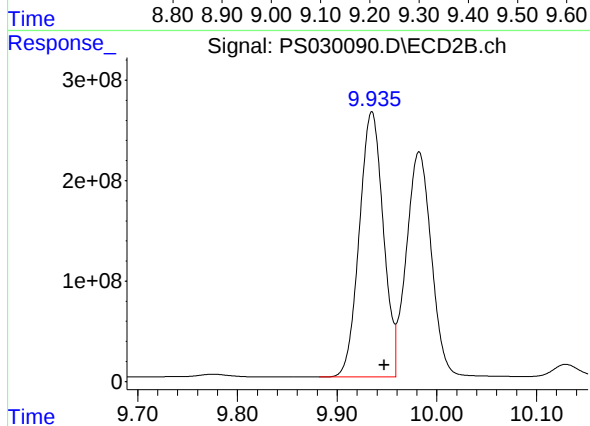
#11 2,4,5-TP (SILVEX)

R.T.: 9.530 min
Delta R.T.: -0.012 min
Response: 4740476798
Conc: 579.40 ng/ml



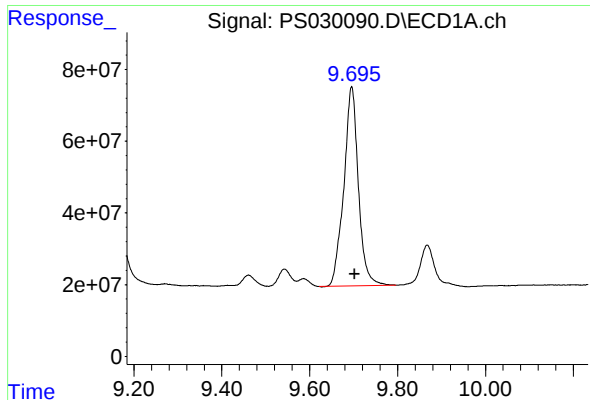
#12 2,4,5-T

R.T.: 9.137 min
Delta R.T.: -0.007 min
Response: 7990108882
Conc: 568.57 ng/ml



#12 2,4,5-T

R.T.: 9.935 min
Delta R.T.: -0.012 min
Response: 4413420006
Conc: 568.55 ng/ml



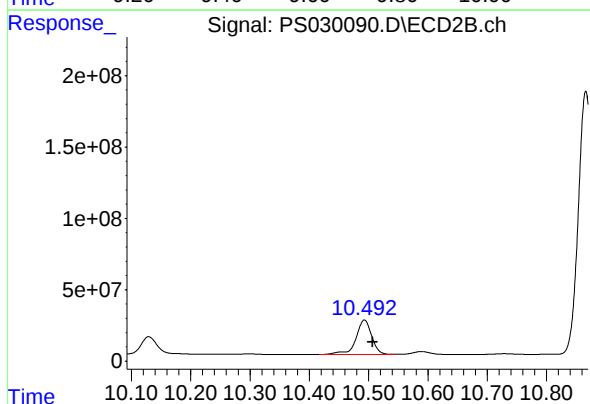
#13 2,4-DB

R.T.: 9.695 min
Delta R.T.: -0.007 min
Response: 1277477091
Conc: 558.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167912BSD

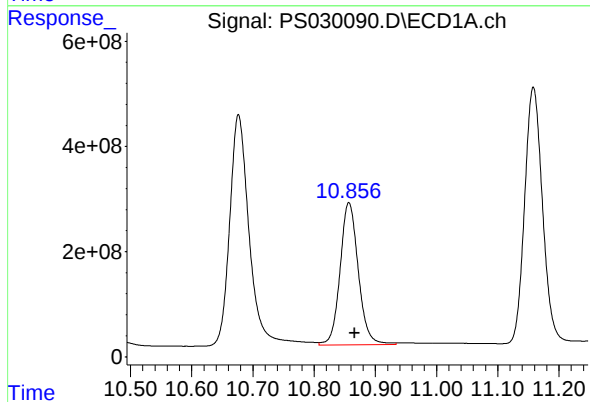
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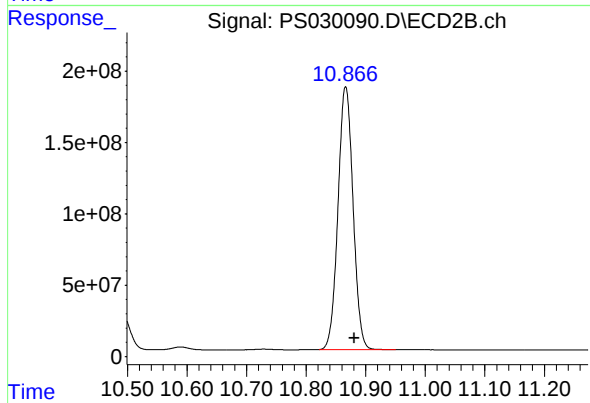
#13 2,4-DB

R.T.: 10.493 min
Delta R.T.: -0.014 min
Response: 446541472
Conc: 554.82 ng/ml



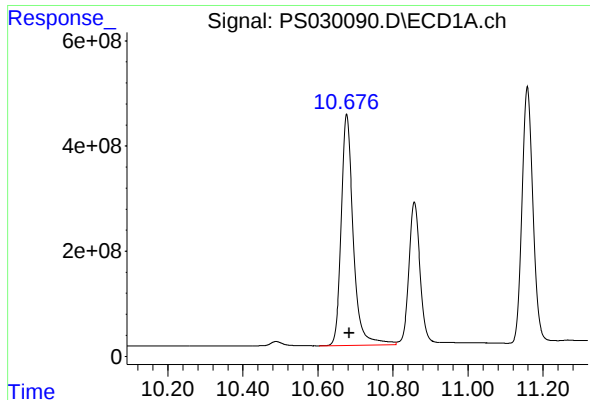
#14 DINOSEB

R.T.: 10.857 min
Delta R.T.: -0.009 min
Response: 5609684235
Conc: 551.41 ng/ml



#14 DINOSEB

R.T.: 10.866 min
Delta R.T.: -0.015 min
Response: 3236499944
Conc: 555.05 ng/ml



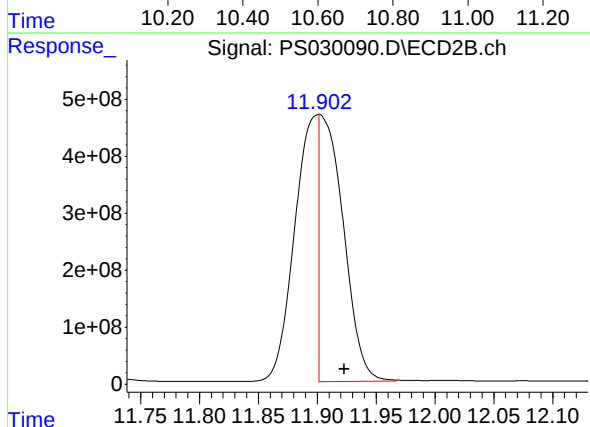
#15 Picloram

R.T.: 10.676 min
Delta R.T.: -0.007 min
Response: 9814768386
Conc: 535.43 ng/ml

Instrument :
ECD_S
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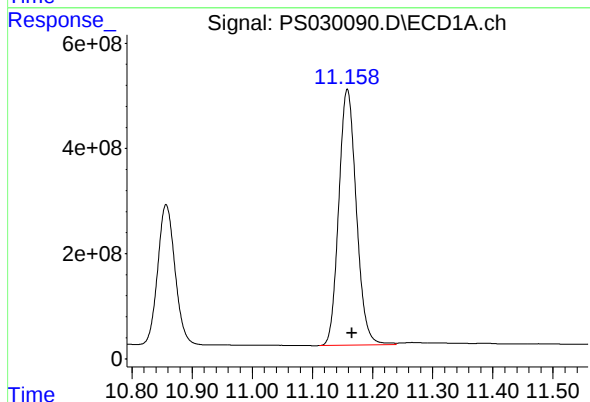
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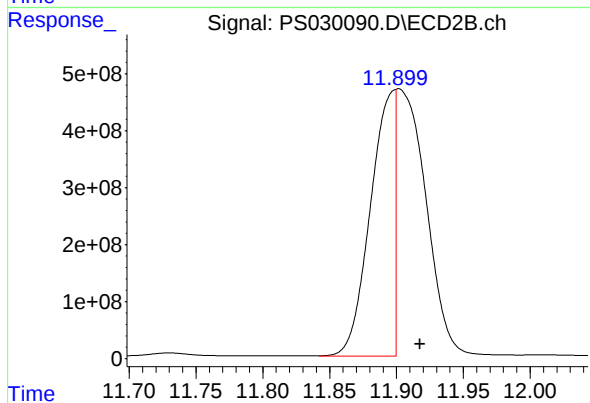
#15 Picloram

R.T.: 11.902 min
Delta R.T.: -0.021 min
Response: 6662844185
Conc: 542.42 ng/ml m



#16 DCPA

R.T.: 11.158 min
Delta R.T.: -0.008 min
Response: 9867868275
Conc: 579.75 ng/ml



#16 DCPA

R.T.: 11.899 min
Delta R.T.: -0.018 min
Response: 5944830392
Conc: 527.41 ng/ml m