

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
 Data File : PS030140.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 20:10
 Operator : AR\AJ
 Sample : PB167968BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167968BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/13/2025
 Supervised By : mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 03:38:20 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	6.934	7.454	1472.4E6	418.6E6	517.015	523.155
Target Compounds							
1) T	Dalapon	2.446	2.520	2288.4E6	950.0E6	465.563	467.755
2) T	3,5-DICHL...	6.139	6.453	2007.3E6	545.3E6	481.293	467.707
3) T	4-Nitroph...	6.724	6.988	969.5E6	445.4E6	469.363	426.596
5) T	DICAMBA	7.110	7.640	5612.7E6	2308.5E6	485.635	488.257
6) T	MCP	7.288	7.747	358.4E6	86977211	49.215	47.276
7) T	MCPA	7.430	7.976	486.6E6	125.2E6	46.871	47.464
8) T	DICHLORPROP	7.790	8.332	1417.9E6	586.2E6	485.366	496.148
9) T	2,4-D	8.010	8.645	1592.6E6	636.3E6	485.717	493.089
10) T	Pentachlo...	8.287	9.145	20449.0E6	12439.0E6	504.904	503.912
11) T	2,4,5-TP ...	8.851	9.523	8034.1E6	4889.0E6	496.053	496.321
12) T	2,4,5-T	9.133	9.927	8208.1E6	4563.5E6	497.004	495.833
13) T	2,4-DB	9.690	10.485	1343.4E6	463.0E6	514.768	466.570
14) T	DINOSEB	10.851	10.859	5539.7E6	3302.4E6	484.393	483.376
15) T	Picloram	10.671	11.895	10430.3E6	6901.2E6	487.694	490.380m
16) T	DCPA	11.153	11.894	9904.4E6	7256.0E6	497.422	537.060m

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

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Data File : PS030140.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 20:10
Operator : AR\AJ
Sample : PB167968BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

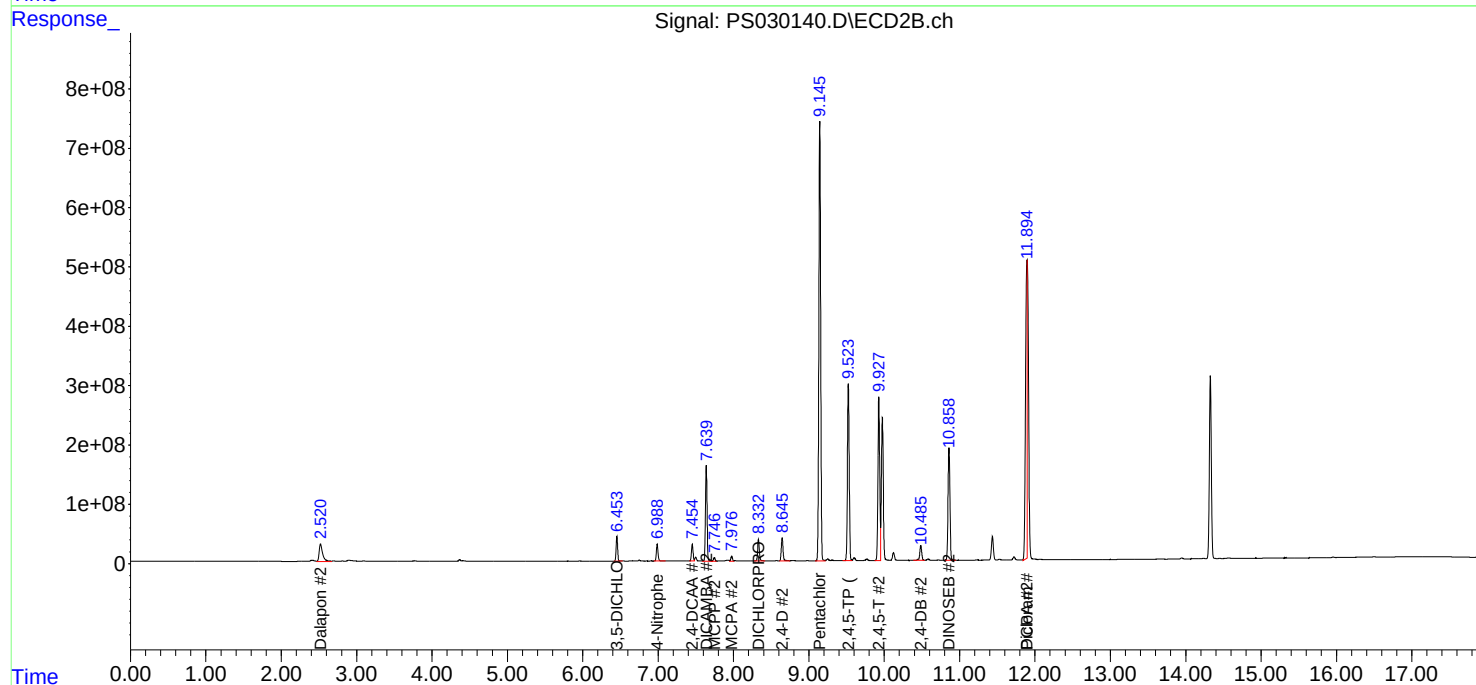
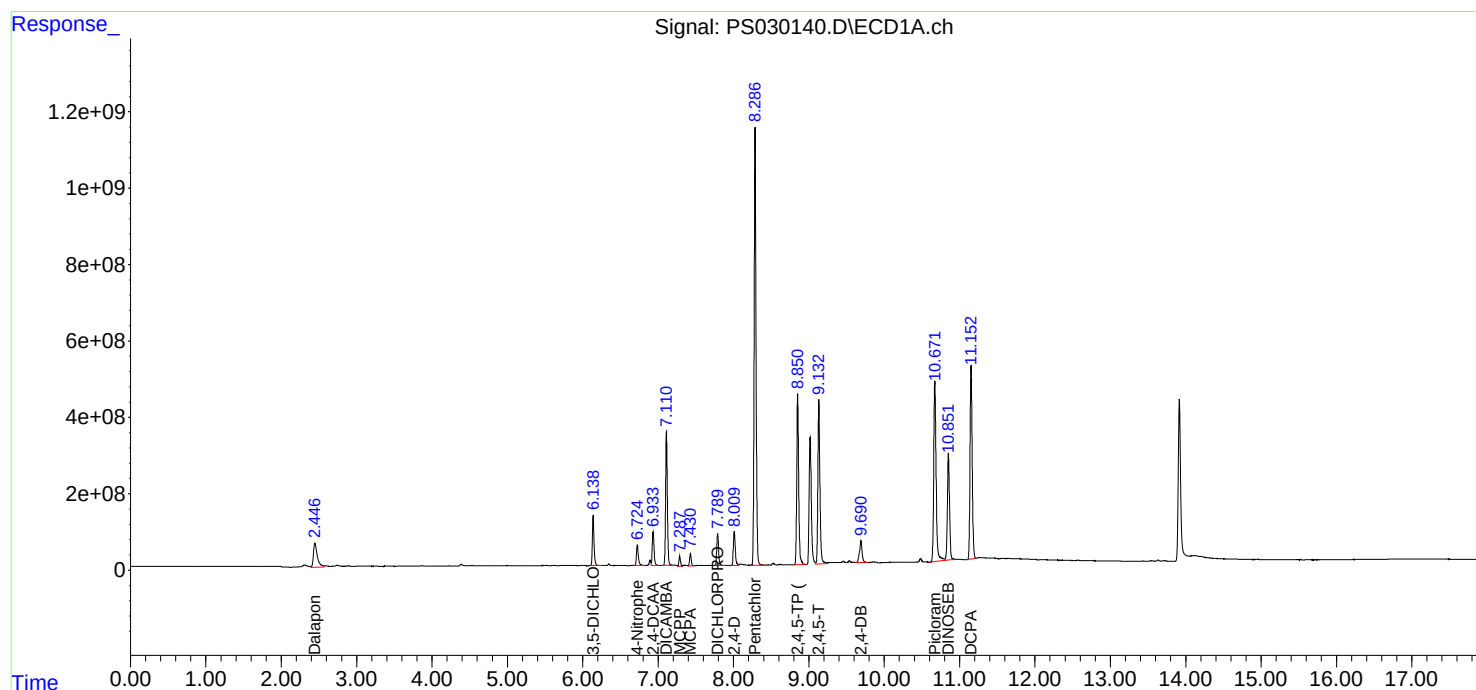
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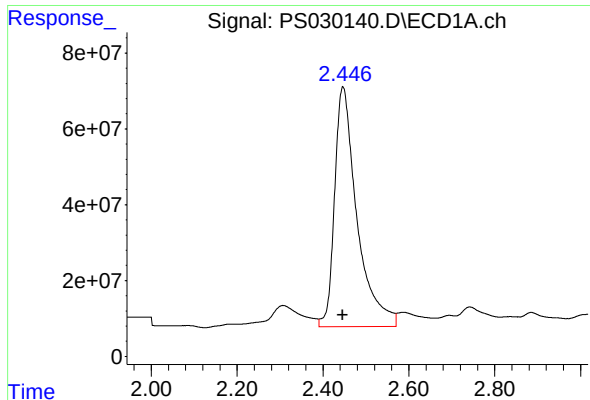
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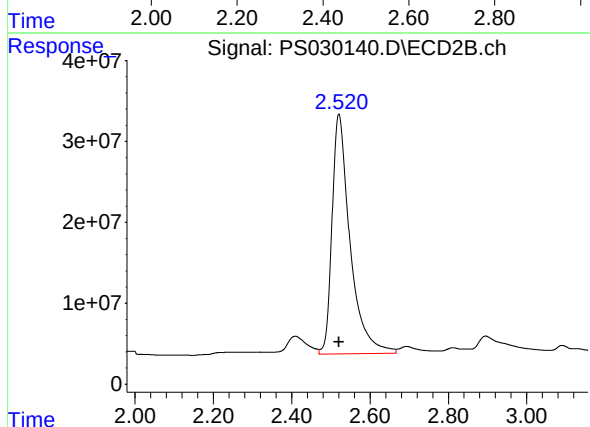
#1 Dalapon

R.T.: 2.446 min
Delta R.T.: 0.000 min
Response: 2288409609
Conc: 465.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167968BS

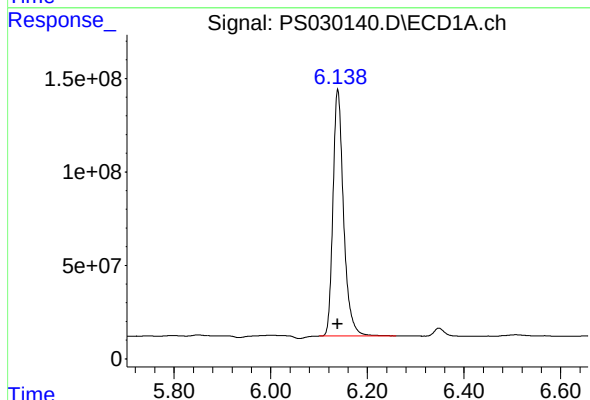
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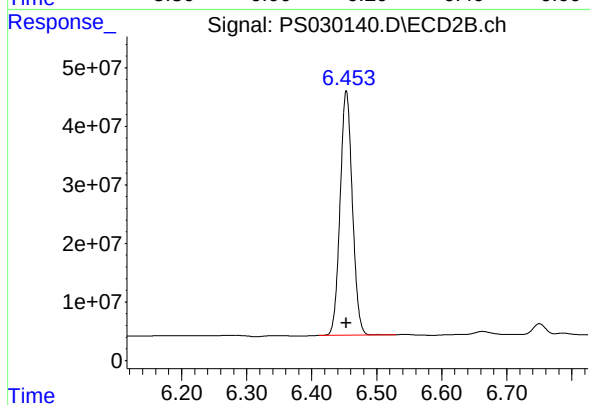
#1 Dalapon

R.T.: 2.520 min
Delta R.T.: 0.000 min
Response: 950033503
Conc: 467.75 ng/ml



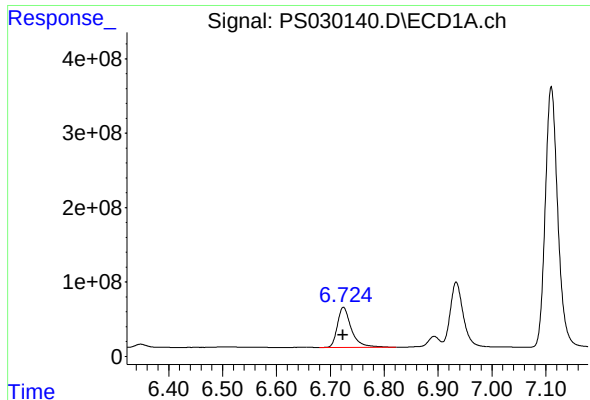
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 2007257471
Conc: 481.29 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 545266935
Conc: 467.71 ng/ml



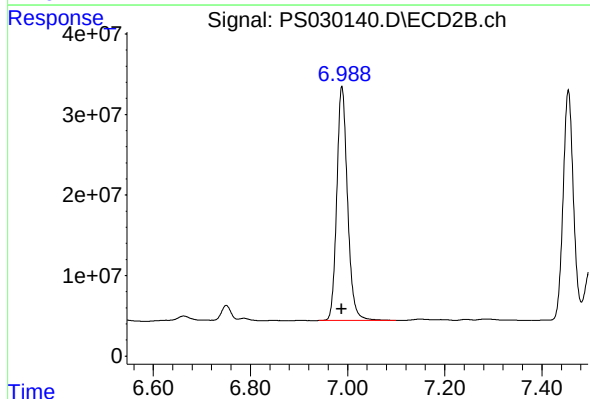
#3 4-Nitrophenol

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 969523468
Conc: 469.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167968BS

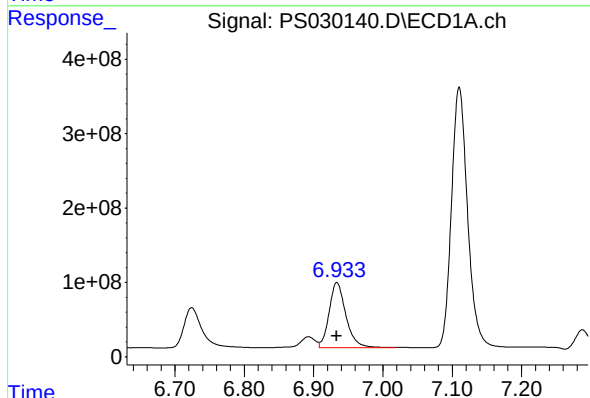
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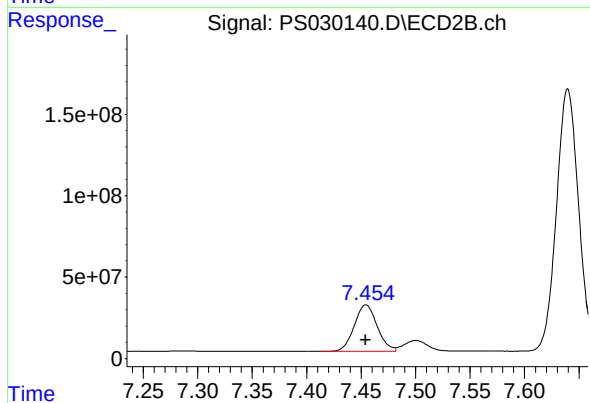
#3 4-Nitrophenol

R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 445379527
Conc: 426.60 ng/ml



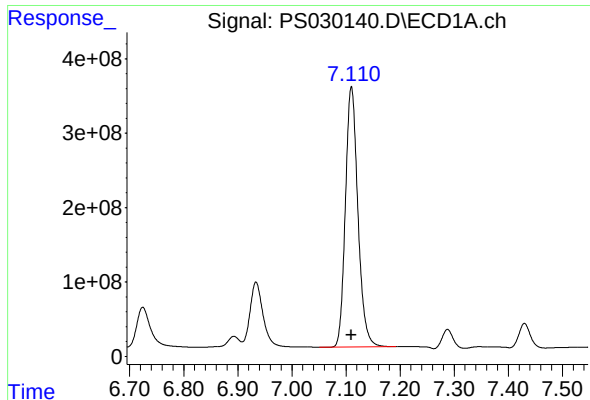
#4 2,4-DCAA

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 1472359530
Conc: 517.01 ng/ml



#4 2,4-DCAA

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 418630726
Conc: 523.16 ng/ml



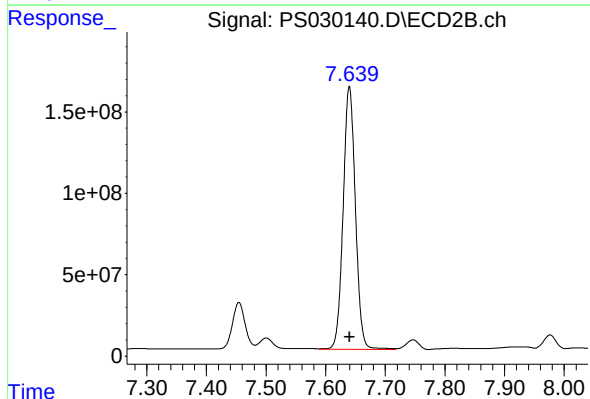
#5 DICAMBA

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 5612654492
Conc: 485.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167968BS

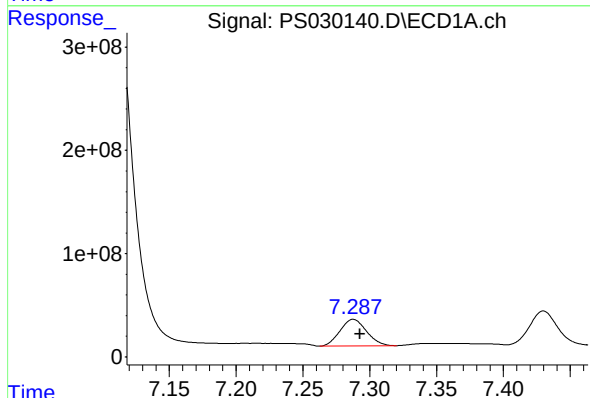
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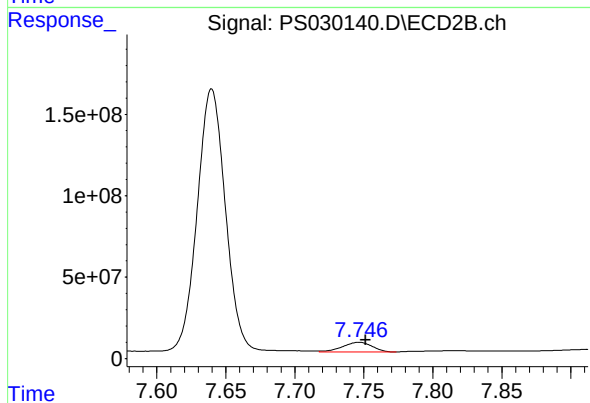
#5 DICAMBA

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 2308466542
Conc: 488.26 ng/ml



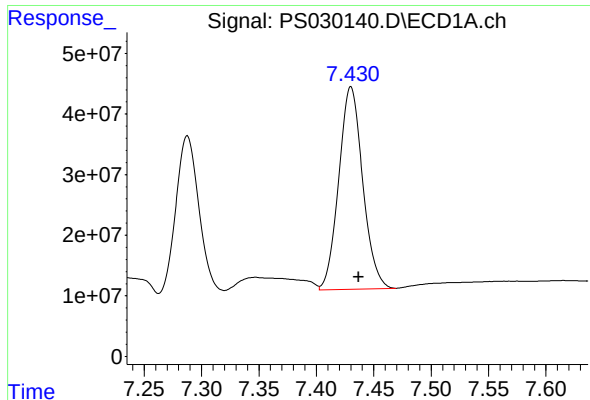
#6 MCPP

R.T.: 7.288 min
Delta R.T.: -0.005 min
Response: 358418819
Conc: 49.22 ug/ml



#6 MCPP

R.T.: 7.747 min
Delta R.T.: -0.005 min
Response: 86977211
Conc: 47.28 ug/ml



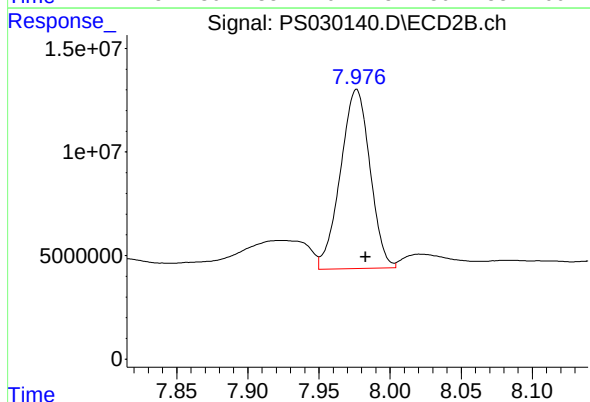
#7 MCPA

R.T.: 7.430 min
Delta R.T.: -0.007 min
Response: 486564502
Conc: 46.87 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167968BS

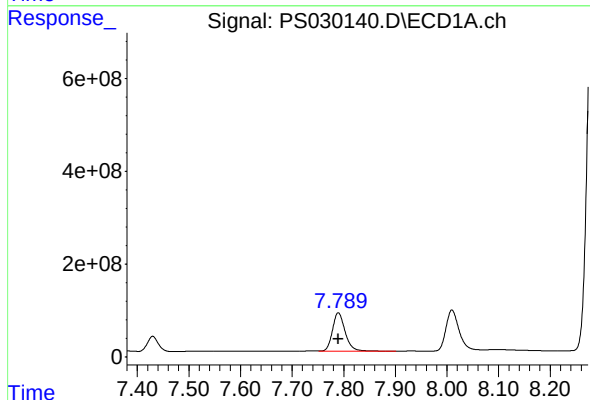
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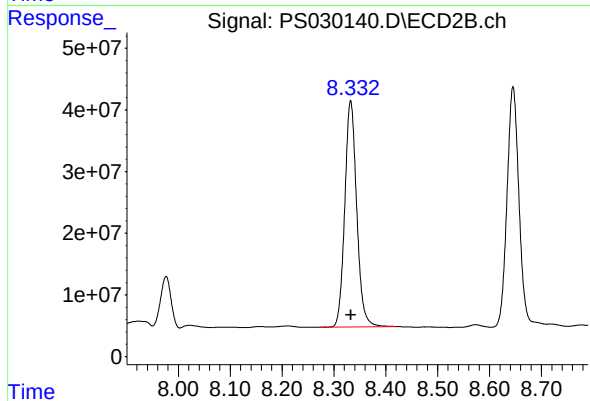
#7 MCPA

R.T.: 7.976 min
Delta R.T.: -0.006 min
Response: 125195742
Conc: 47.46 ug/ml



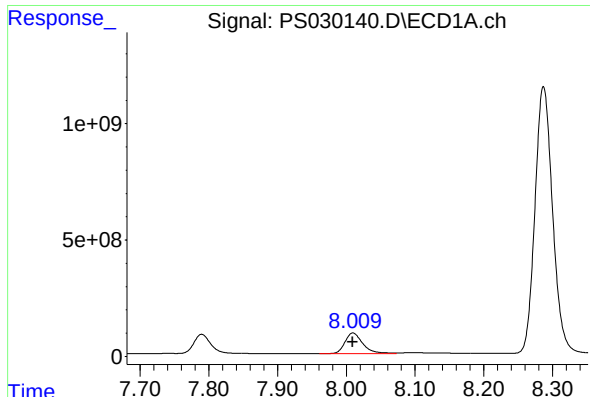
#8 DICHLORPROP

R.T.: 7.790 min
Delta R.T.: 0.000 min
Response: 1417920808
Conc: 485.37 ng/ml



#8 DICHLORPROP

R.T.: 8.332 min
Delta R.T.: 0.000 min
Response: 586165474
Conc: 496.15 ng/ml



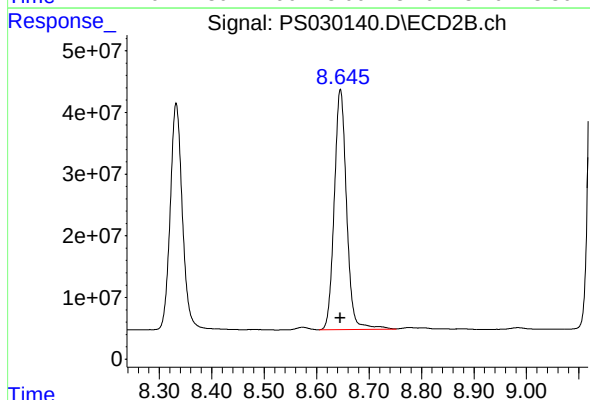
#9 2,4-D

R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 1592633764
Conc: 485.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167968BS

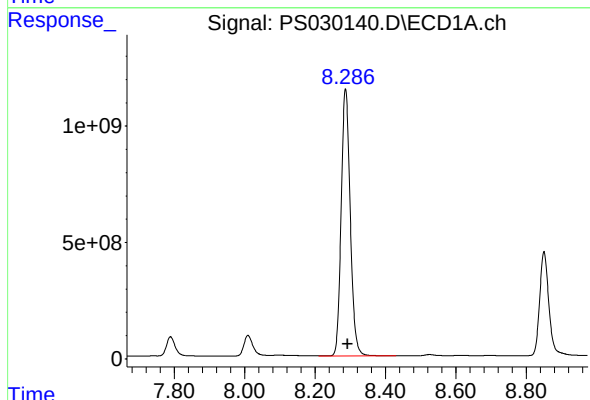
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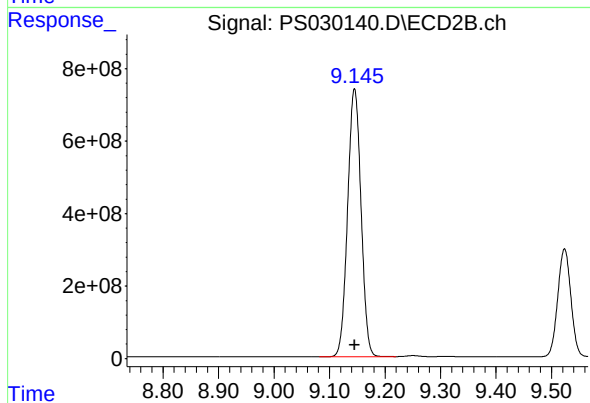
#9 2,4-D

R.T.: 8.645 min
Delta R.T.: 0.000 min
Response: 636331376
Conc: 493.09 ng/ml



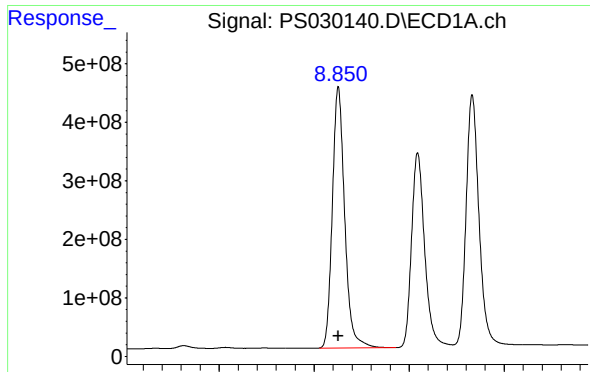
#10 Pentachlorophenol

R.T.: 8.287 min
Delta R.T.: -0.006 min
Response: 20449013122
Conc: 504.90 ng/ml



#10 Pentachlorophenol

R.T.: 9.145 min
Delta R.T.: 0.000 min
Response: 12439036853
Conc: 503.91 ng/ml



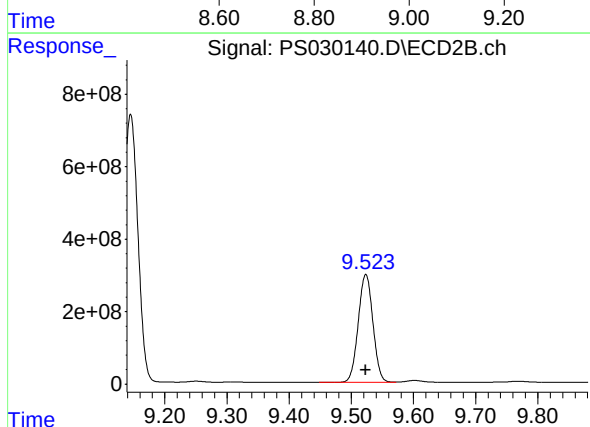
#11 2,4,5-TP (SILVEX)

R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 8034071360
Conc: 496.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167968BS

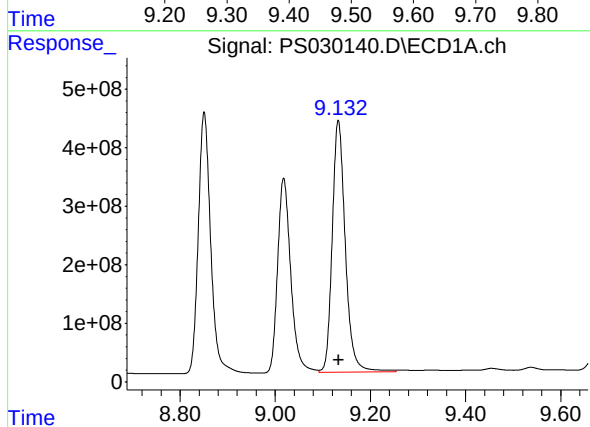
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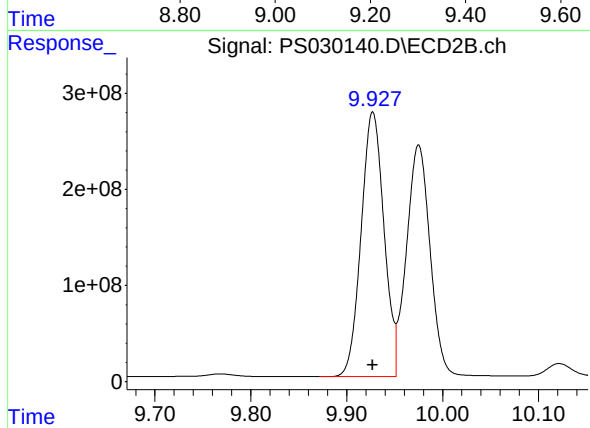
#11 2,4,5-TP (SILVEX)

R.T.: 9.523 min
Delta R.T.: 0.000 min
Response: 4888971021
Conc: 496.32 ng/ml



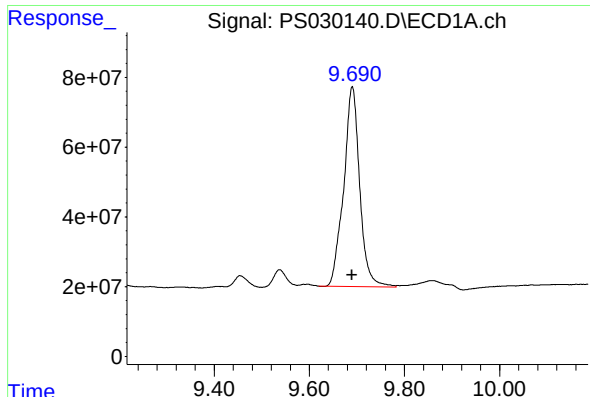
#12 2,4,5-T

R.T.: 9.133 min
Delta R.T.: 0.000 min
Response: 8208117733
Conc: 497.00 ng/ml



#12 2,4,5-T

R.T.: 9.927 min
Delta R.T.: 0.000 min
Response: 4563456949
Conc: 495.83 ng/ml



#13 2,4-DB

R.T.: 9.690 min
Delta R.T.: 0.000 min
Response: 1343427968
Conc: 514.77 ng/ml

Instrument :

ECD_S

ClientSampleId :

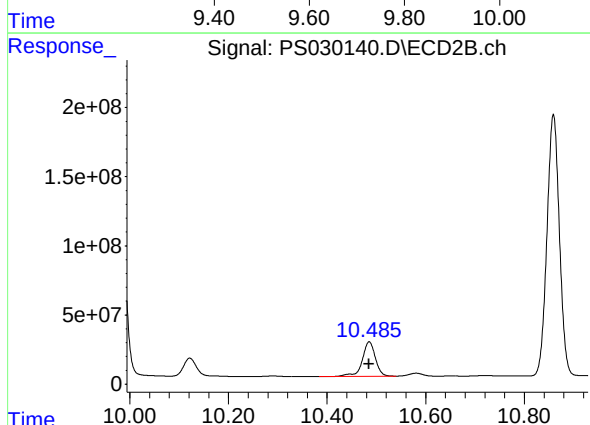
PB167968BS

Manual Integrations

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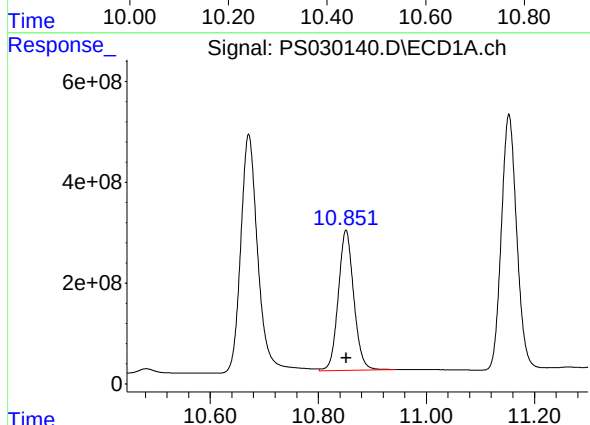
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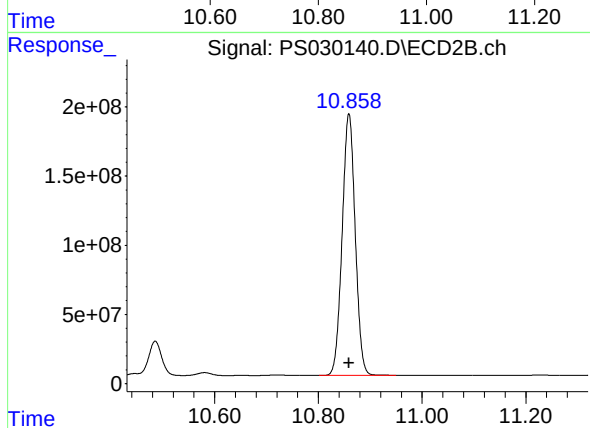
#13 2,4-DB

R.T.: 10.485 min
Delta R.T.: 0.000 min
Response: 463010546
Conc: 466.57 ng/ml



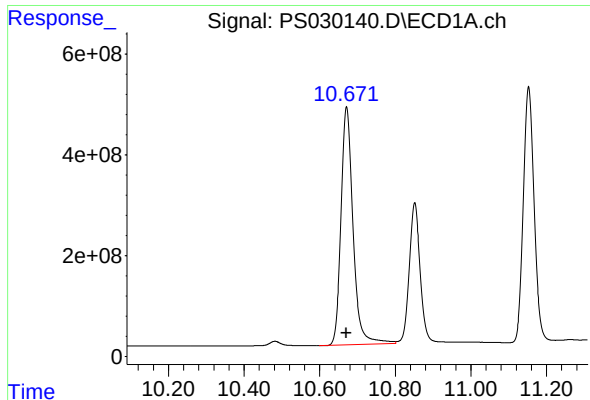
#14 DINOSEB

R.T.: 10.851 min
Delta R.T.: 0.000 min
Response: 5539687383
Conc: 484.39 ng/ml



#14 DINOSEB

R.T.: 10.859 min
Delta R.T.: 0.000 min
Response: 3302418285
Conc: 483.38 ng/ml



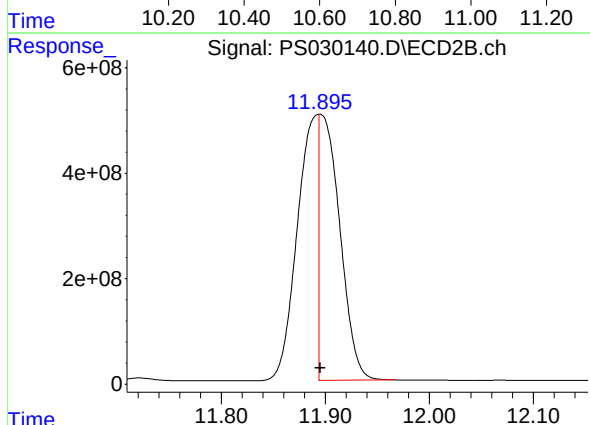
#15 Picloram

R.T.: 10.671 min
Delta R.T.: 0.000 min
Response: 10430306403
Conc: 487.69 ng/ml

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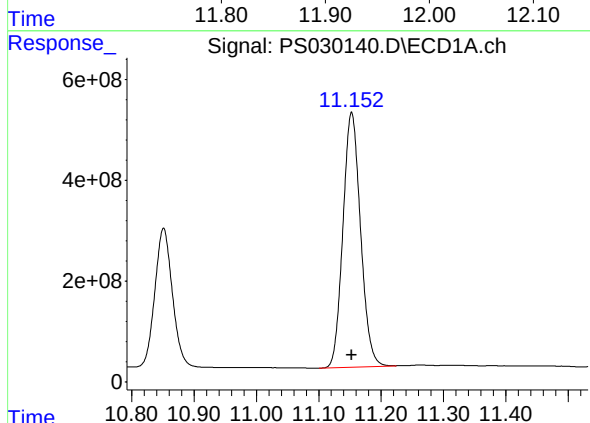
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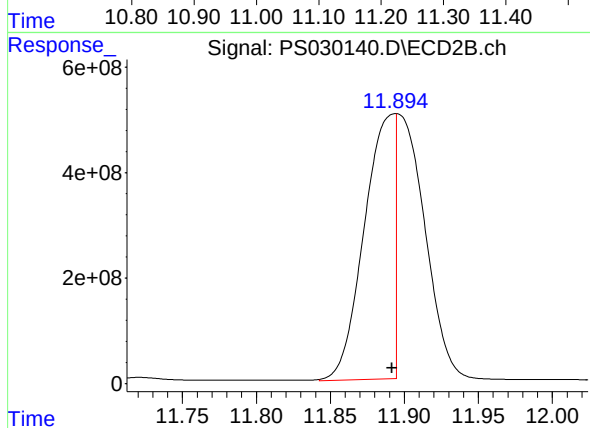
#15 Picloram

R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 6901171713
Conc: 490.38 ng/ml m



#16 DCPA

R.T.: 11.153 min
Delta R.T.: 0.000 min
Response: 9904404225
Conc: 497.42 ng/ml



#16 DCPA

R.T.: 11.894 min
Delta R.T.: 0.002 min
Response: 7255960846
Conc: 537.06 ng/ml m