

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
 Data File : PS030261.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 10:36
 Operator : AR\AJ
 Sample : PB168030BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168030BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/20/2025
 Supervised By : mohammad ahmed 05/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 11:15:51 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	6.932	7.451	1560.5E6	419.3E6	547.967	523.992
Target Compounds							
1) T	Dalapon	2.445	2.519	2456.0E6	975.3E6	499.656	480.208
2) T	3,5-DICHL...	6.137	6.451	2111.3E6	539.7E6	506.244	462.903
3) T	4-Nitroph...	6.723	6.986	1028.6E6	442.3E6	497.975	423.643
5) T	DICAMBA	7.108	7.636	5955.1E6	2333.8E6	515.264	493.609
6) T	MCP	7.287	7.743	375.4E6	89674610	51.554	48.742
7) T	MCPA	7.429	7.972	506.3E6	129.3E6	48.775	49.032
8) T	DICHLORPROP	7.788	8.328	1503.4E6	583.8E6	514.628	494.156
9) T	2,4-D	8.008	8.640	1687.2E6	647.7E6	514.559	501.873
10) T	Pentachlo...	8.285	9.140	21757.2E6	12840.0E6	537.204	520.155
11) T	2,4,5-TP ...	8.849	9.518	8576.0E6	5046.3E6	529.515	512.290
12) T	2,4,5-T	9.130	9.922	8722.9E6	4657.7E6	528.173	506.076
13) T	2,4-DB	9.688	10.480	1442.7E6	438.9E6	552.798	442.270
14) T	DINOSEB	10.849	10.853	5886.3E6	3394.4E6	514.703	496.847
15) T	Picloram	10.670	11.889	11136.8E6	6764.7E6	520.730	480.683m
16) T	DCPA	11.151	11.887	10622.0E6	6834.7E6	533.462	505.879m

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

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Operator : AR\AJ
Sample : PB168030BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

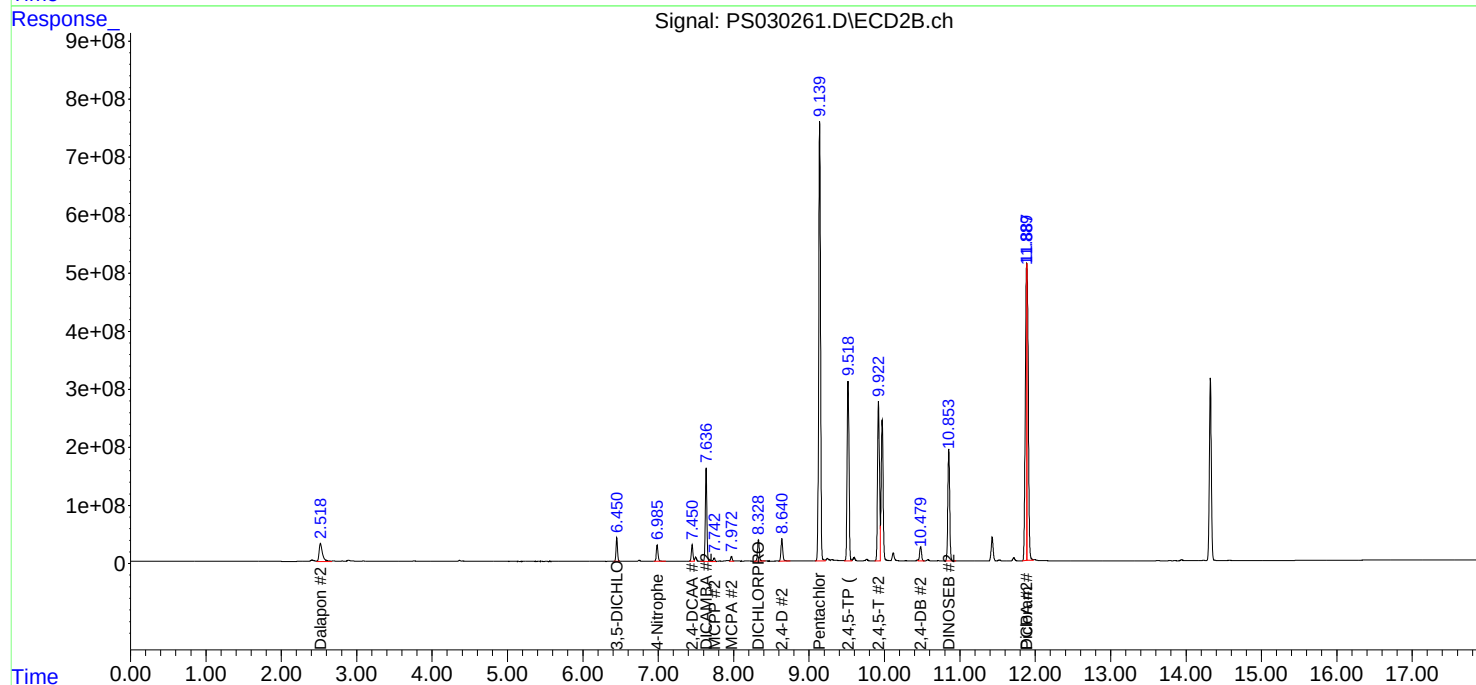
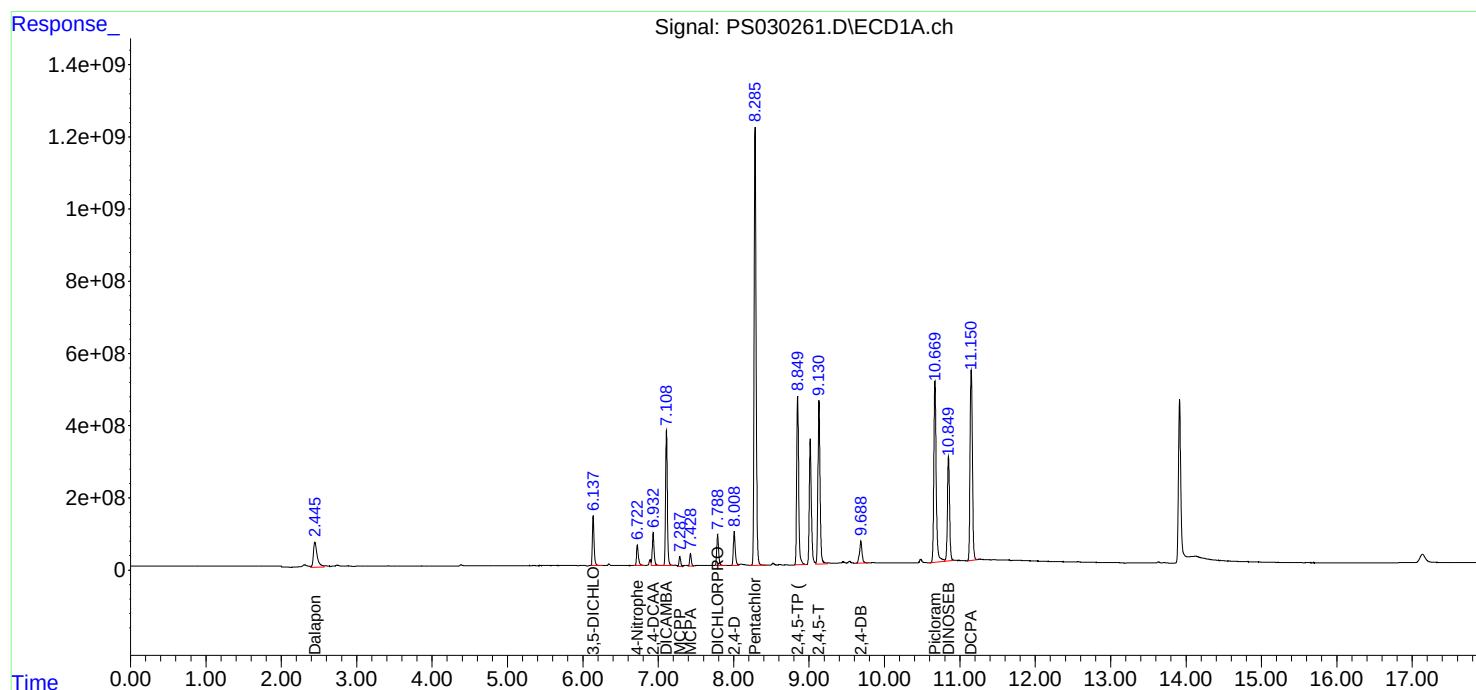
Instrument :
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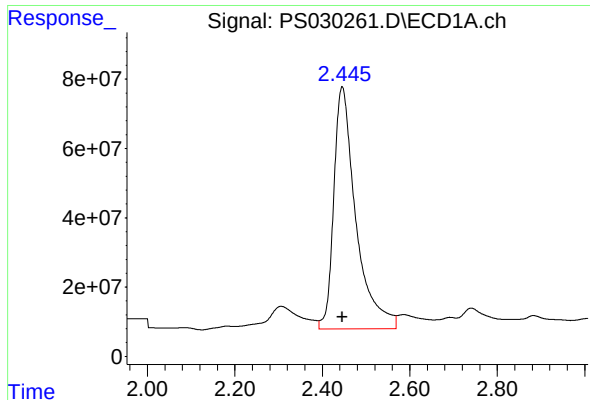
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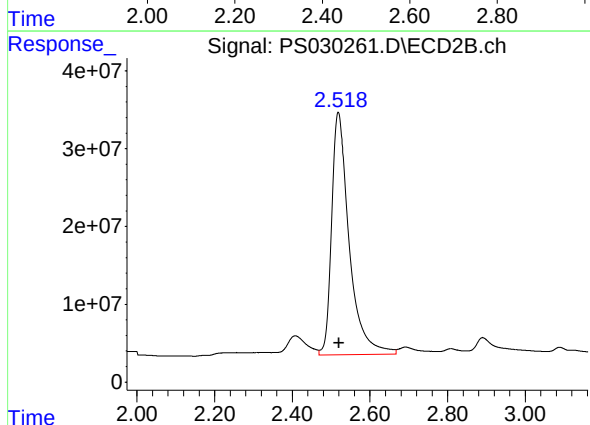
#1 Dalapon

R.T.: 2.445 min
Delta R.T.: 0.000 min
Response: 2455991492
Conc: 499.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168030BS

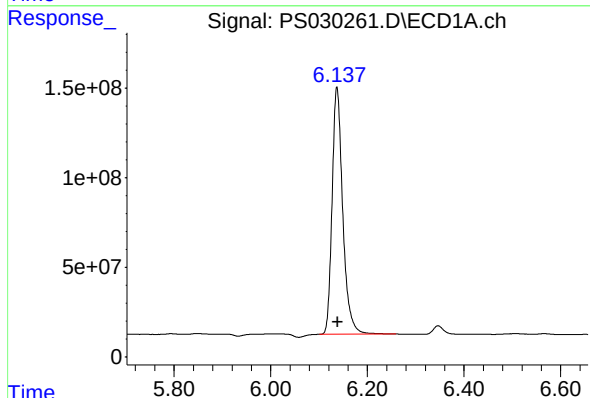
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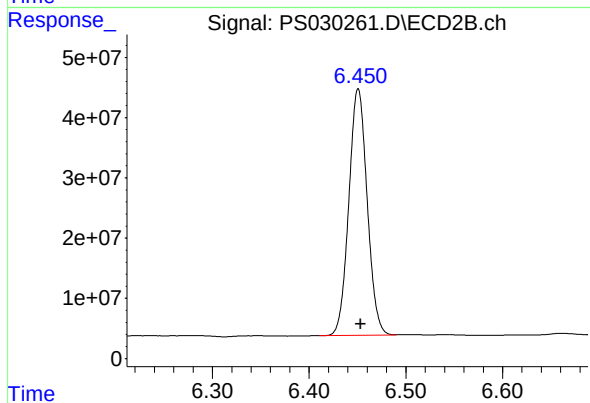
#1 Dalapon

R.T.: 2.519 min
Delta R.T.: -0.001 min
Response: 975325549
Conc: 480.21 ng/ml



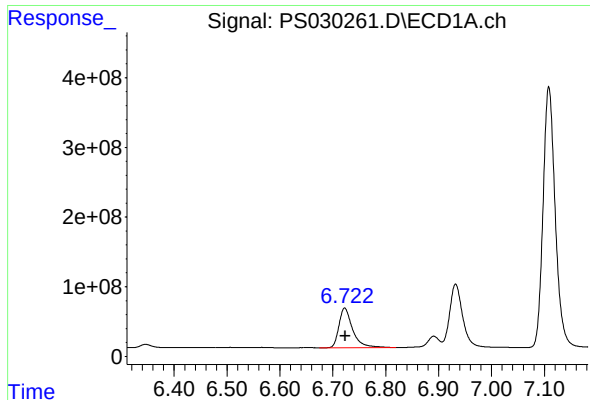
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.137 min
Delta R.T.: -0.002 min
Response: 2111316689
Conc: 506.24 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.451 min
Delta R.T.: -0.002 min
Response: 539666587
Conc: 462.90 ng/ml



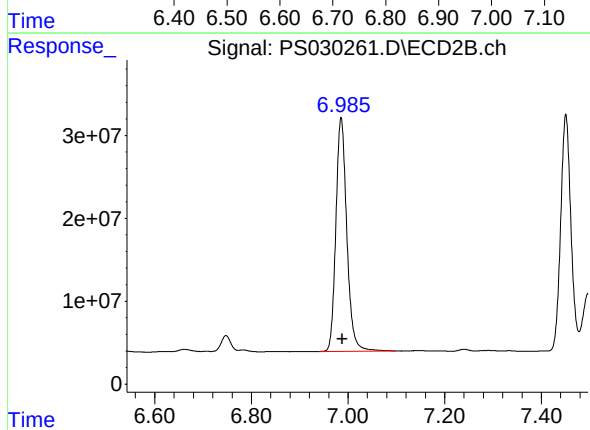
#3 4-Nitrophenol

R.T.: 6.723 min
Delta R.T.: -0.001 min
Response: 1028624842
Conc: 497.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168030BS

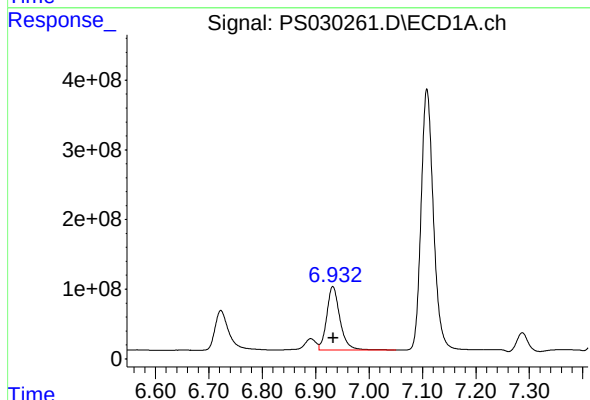
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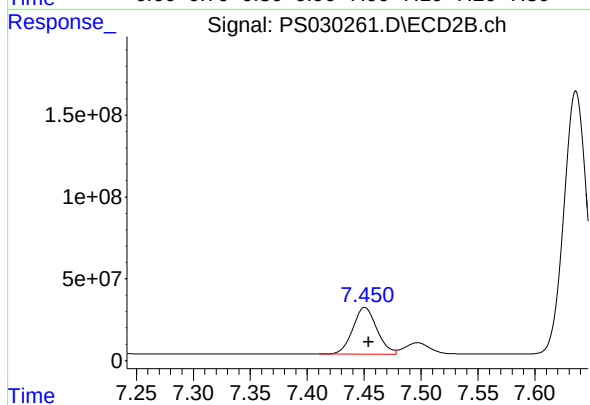
#3 4-Nitrophenol

R.T.: 6.986 min
Delta R.T.: -0.003 min
Response: 442296256
Conc: 423.64 ng/ml



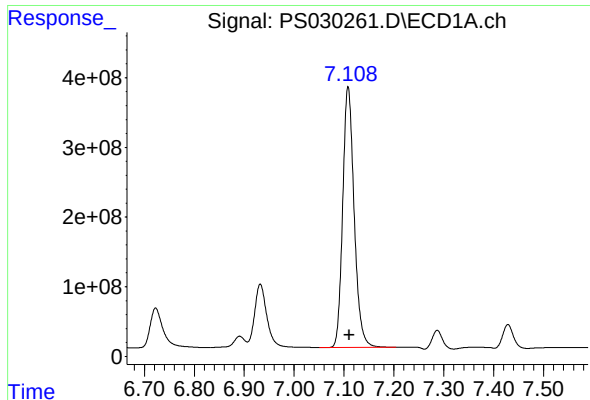
#4 2,4-DCAA

R.T.: 6.932 min
Delta R.T.: -0.001 min
Response: 1560505941
Conc: 547.97 ng/ml



#4 2,4-DCAA

R.T.: 7.451 min
Delta R.T.: -0.003 min
Response: 419299923
Conc: 523.99 ng/ml



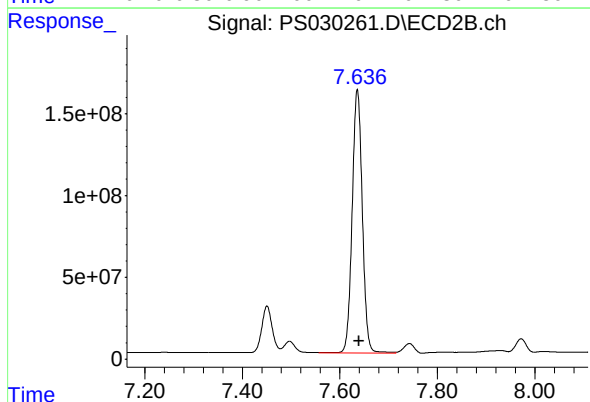
#5 DICAMBA

R.T.: 7.108 min
Delta R.T.: -0.002 min
Response: 5955089722
Conc: 515.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168030BS

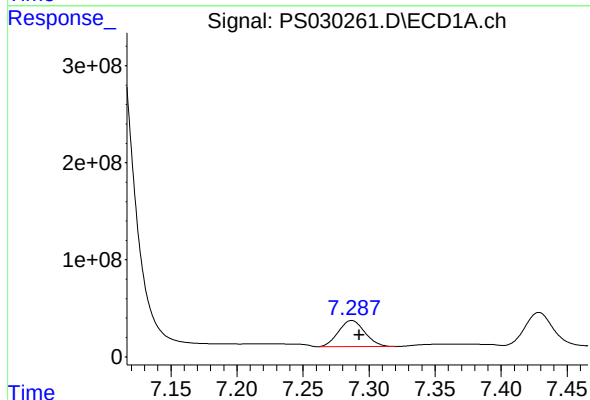
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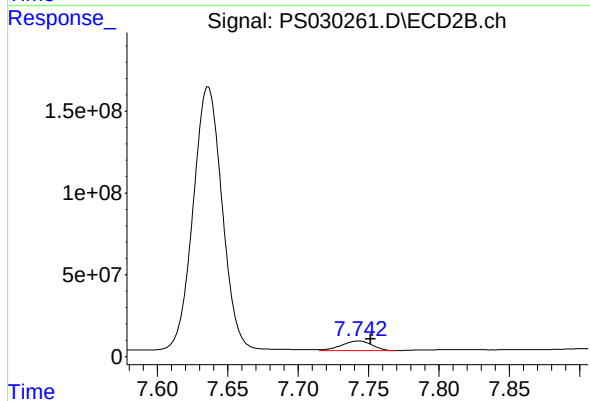
#5 DICAMBA

R.T.: 7.636 min
Delta R.T.: -0.004 min
Response: 2333771680
Conc: 493.61 ng/ml



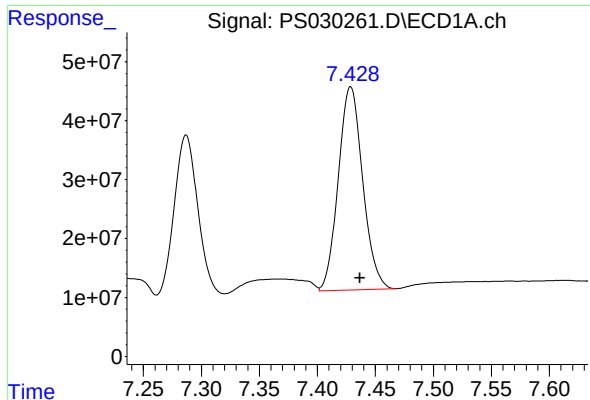
#6 MCPP

R.T.: 7.287 min
Delta R.T.: -0.006 min
Response: 375447959
Conc: 51.55 ug/ml



#6 MCPP

R.T.: 7.743 min
Delta R.T.: -0.009 min
Response: 89674610
Conc: 48.74 ug/ml



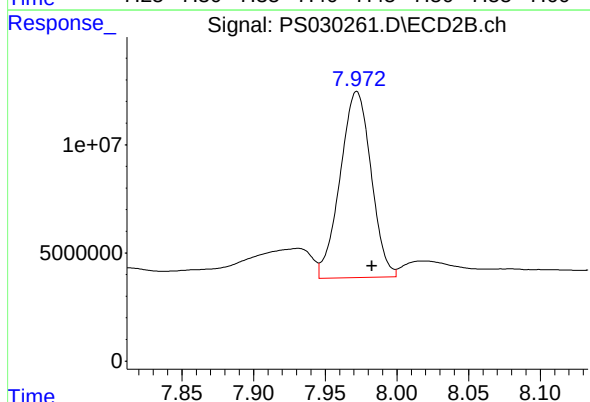
#7 MCPA

R.T.: 7.429 min
Delta R.T.: -0.008 min
Response: 506330832
Conc: 48.78 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168030BS

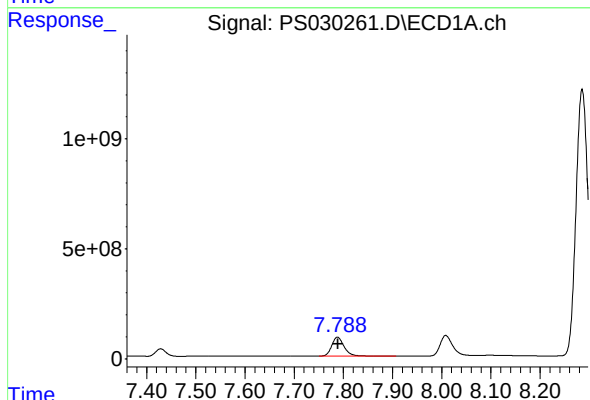
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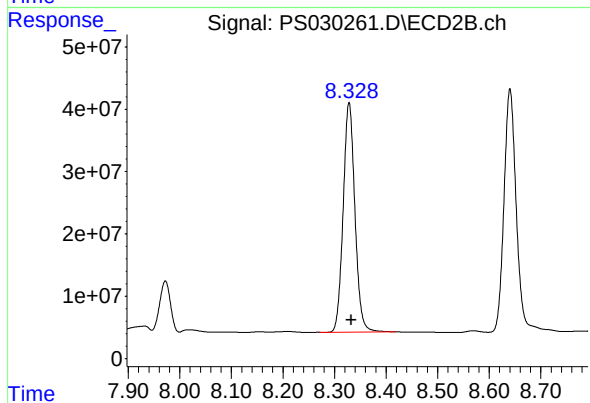
#7 MCPA

R.T.: 7.972 min
Delta R.T.: -0.011 min
Response: 129329857
Conc: 49.03 ug/ml



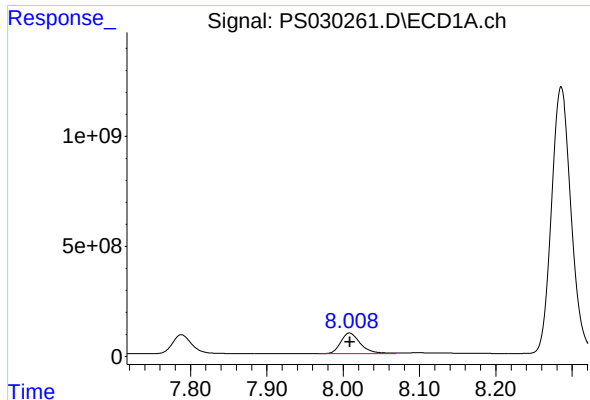
#8 DICHLORPROP

R.T.: 7.788 min
Delta R.T.: -0.001 min
Response: 1503406590
Conc: 514.63 ng/ml



#8 DICHLORPROP

R.T.: 8.328 min
Delta R.T.: -0.004 min
Response: 583812849
Conc: 494.16 ng/ml



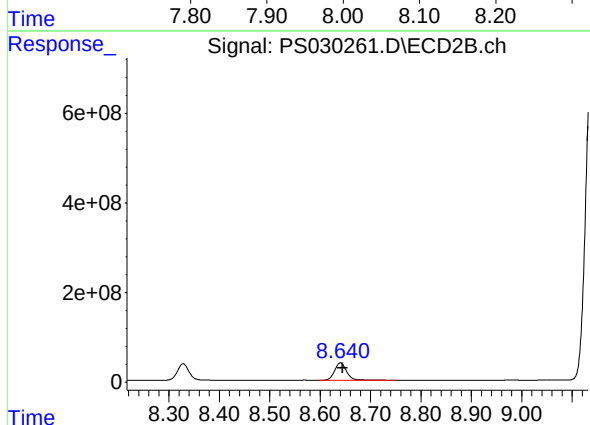
#9 2,4-D

R.T.: 8.008 min
Delta R.T.: -0.001 min
Response: 1687204859
Conc: 514.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168030BS

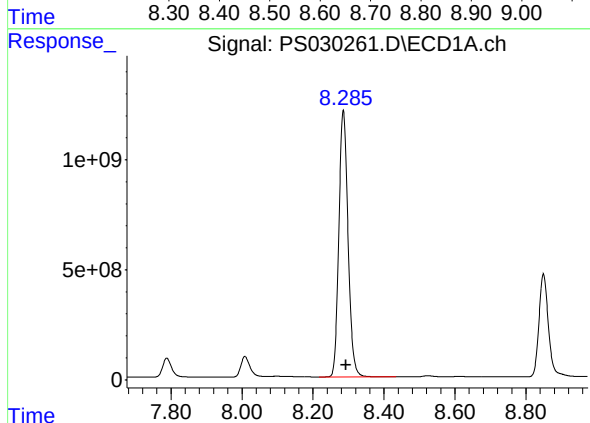
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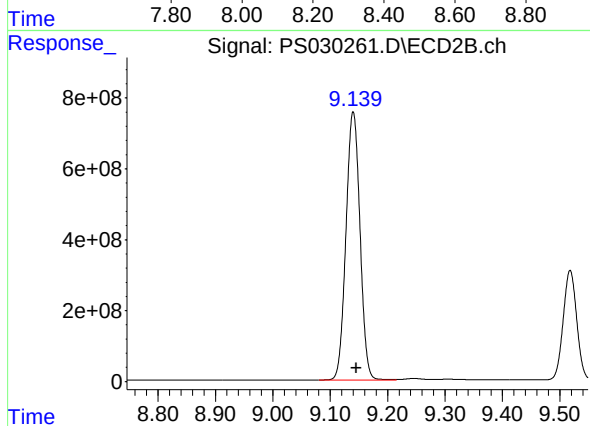
#9 2,4-D

R.T.: 8.640 min
Delta R.T.: -0.005 min
Response: 647667679
Conc: 501.87 ng/ml



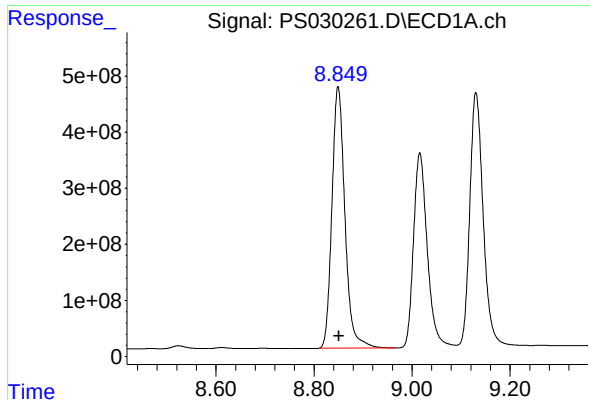
#10 Pentachlorophenol

R.T.: 8.285 min
Delta R.T.: -0.007 min
Response: 21757166556
Conc: 537.20 ng/ml



#10 Pentachlorophenol

R.T.: 9.140 min
Delta R.T.: -0.005 min
Response: 12840001646
Conc: 520.15 ng/ml



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

R.T.: 8.849 min
Delta R.T.: -0.001 min
Response: 8576020453
Conc: 529.52 ng/ml

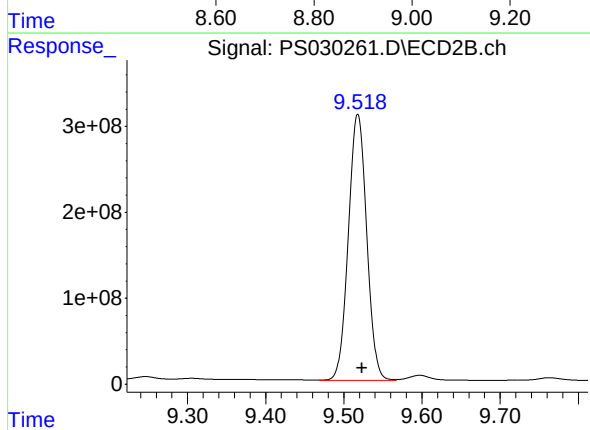
Instrument :

ECD_S

ClientSampleId :
PB168030BS

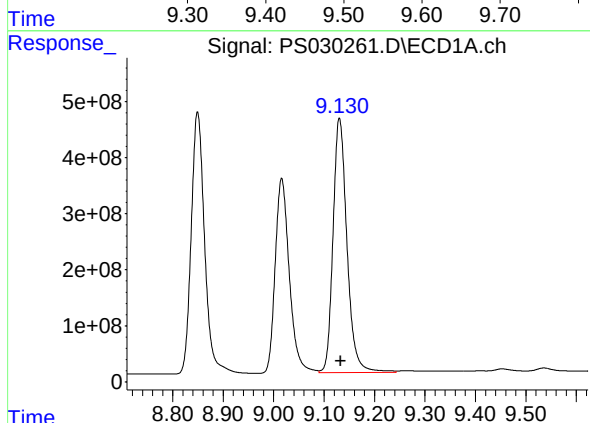
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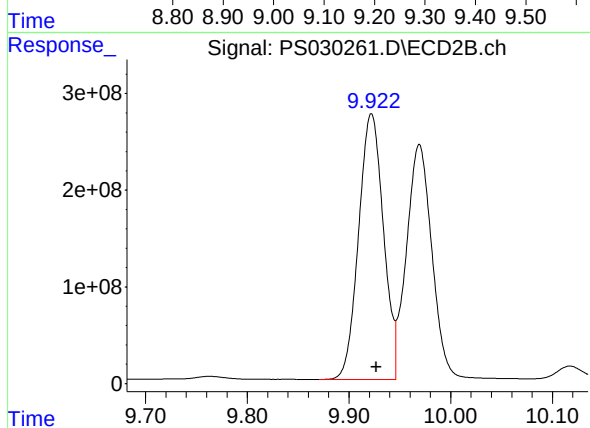
#11 2,4,5-TP (SILVEX)

R.T.: 9.518 min
Delta R.T.: -0.005 min
Response: 5046275766
Conc: 512.29 ng/ml



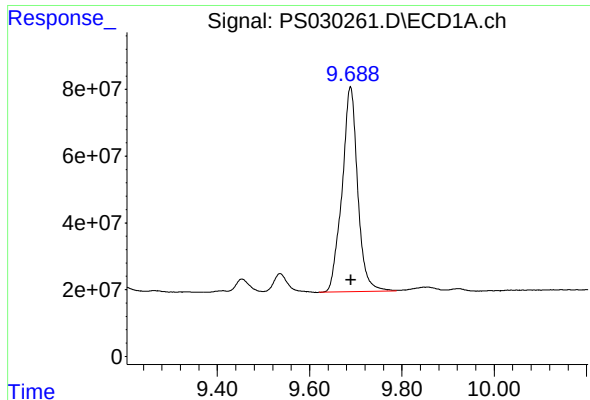
#12 2,4,5-T

R.T.: 9.130 min
Delta R.T.: -0.003 min
Response: 8722872732
Conc: 528.17 ng/ml



#12 2,4,5-T

R.T.: 9.922 min
Delta R.T.: -0.005 min
Response: 4657721886
Conc: 506.08 ng/ml



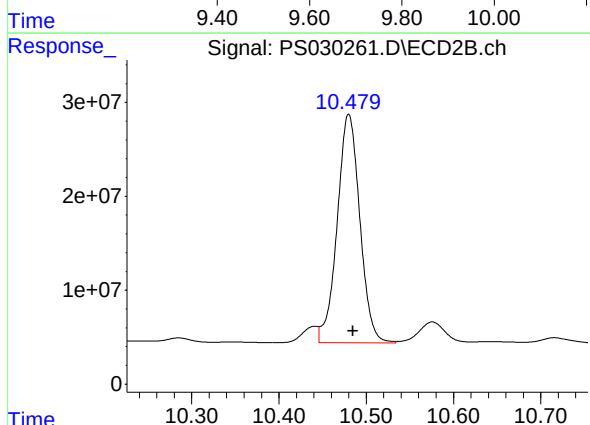
#13 2,4-DB

R.T.: 9.688 min
Delta R.T.: -0.002 min
Response: 1442676835
Conc: 552.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168030BS

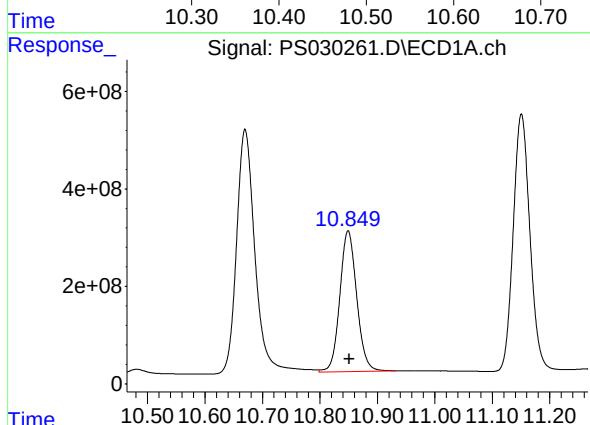
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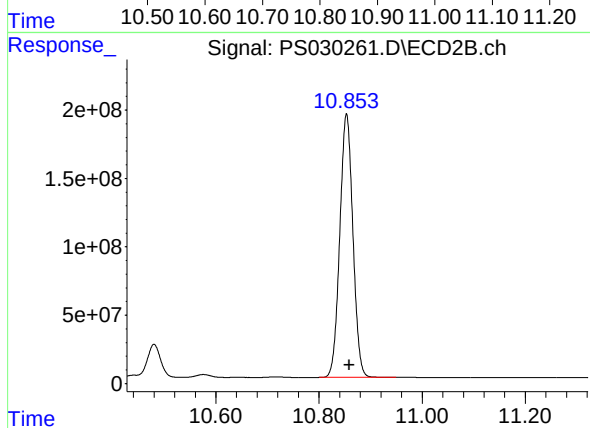
#13 2,4-DB

R.T.: 10.480 min
Delta R.T.: -0.005 min
Response: 438896740
Conc: 442.27 ng/ml



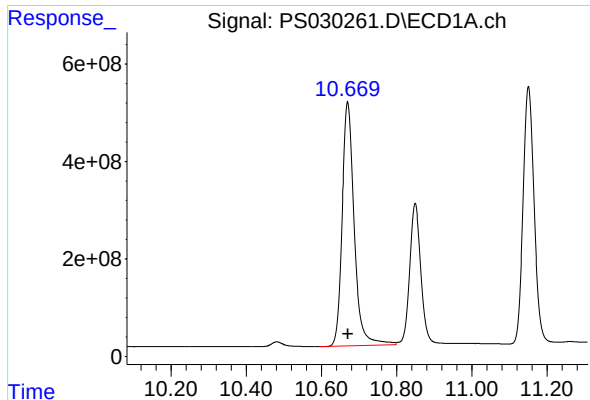
#14 DINOSEB

R.T.: 10.849 min
Delta R.T.: -0.002 min
Response: 5886331316
Conc: 514.70 ng/ml



#14 DINOSEB

R.T.: 10.853 min
Delta R.T.: -0.005 min
Response: 3394447812
Conc: 496.85 ng/ml



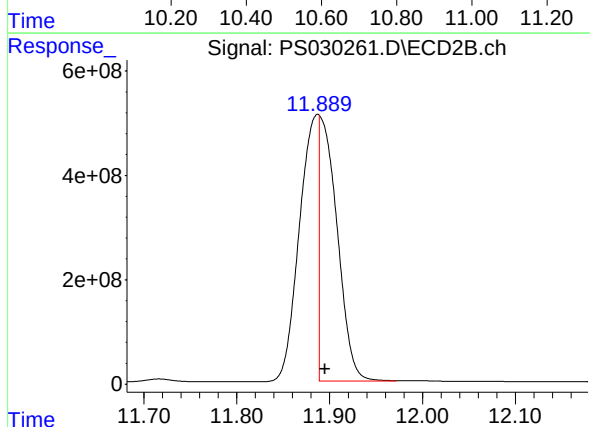
#15 Picloram

R.T.: 10.670 min
Delta R.T.: 0.000 min
Response: 11136830440
Conc: 520.73 ng/ml

Instrument :
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ClientSampleId :
PB168030BS

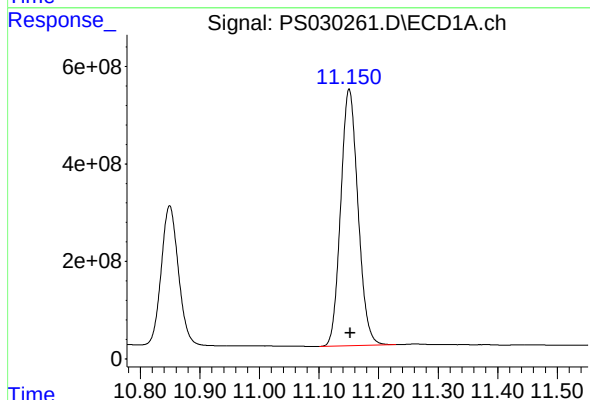
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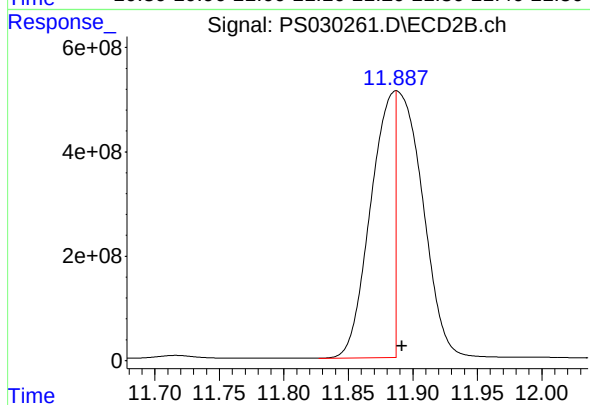
#15 Picloram

R.T.: 11.889 min
Delta R.T.: -0.006 min
Response: 6764707219
Conc: 480.68 ng/ml m



#16 DCPA

R.T.: 11.151 min
Delta R.T.: -0.002 min
Response: 10622022512
Conc: 533.46 ng/ml



#16 DCPA

R.T.: 11.887 min
Delta R.T.: -0.005 min
Response: 6834689177
Conc: 505.88 ng/ml m