

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS092425\
 Data File : PS031830.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2025 18:16
 Operator : AR\AJ
 Sample : PB169807BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169807BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/25/2025
 Supervised By :mohammad ahmed 09/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 01:57:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.286	7.746	2219.1E6	511.2E6	616.157	562.412
Target Compounds							
1) T	Dalapon	2.669	2.692	3044.5E6	1475.5E6	526.669	523.669
2) T	3,5-DICHL...	6.453	6.698	2998.1E6	767.7E6	562.135	503.413m
3) T	4-Nitroph...	7.102	7.306	657.9E6	519.6E6	596.341	411.496 #
5) T	DICAMBA	7.468	7.940	8955.7E6	3586.2E6	574.206	551.138
6) T	MCPD	7.645	8.035	492.7E6	108.1E6	55.118	57.375
7) T	MCPA	7.793	8.281	605.1E6	154.9E6	54.464	55.285
8) T	DICHLORPROP	8.177	8.660	2029.7E6	825.1E6	569.849	567.063
9) T	2,4-D	8.416	9.005	2036.2E6	876.8E6	594.410m	532.971
10) T	Pentachlo...	8.707	9.508	33240.3E6	23009.1E6	626.066	579.711
11) T	2,4,5-TP ...	9.285	9.893	12399.6E6	8447.7E6	591.199	561.147
12) T	2,4,5-T	9.583	10.324	11132.7E6	7262.2E6	608.407	539.656
13) T	2,4-DB	10.160	10.892	1210.1E6	521.6E6	518.734m	487.446m
14) T	DINOSEB	11.351	11.265	9242.5E6	6044.9E6	640.828	621.858
15) T	Picloram	11.187	12.391	10261.1E6	12399.4E6	569.711	523.553
16) T	DCPA	11.650	12.306	16382.5E6	13912.5E6	607.889	577.184

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

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Acq On : 24 Sep 2025 18:16
Operator : AR\AJ
Sample : PB169807BS
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ALS Vial : 7 Sample Multiplier: 1

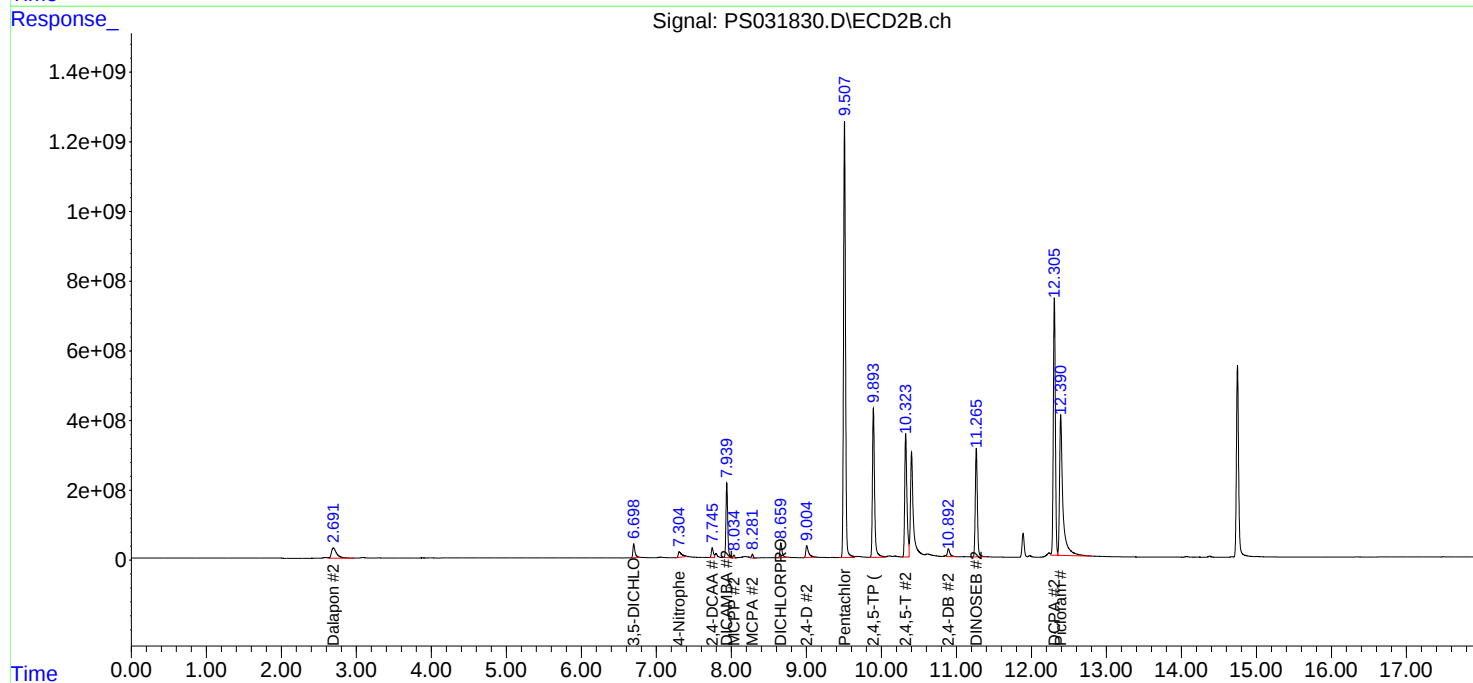
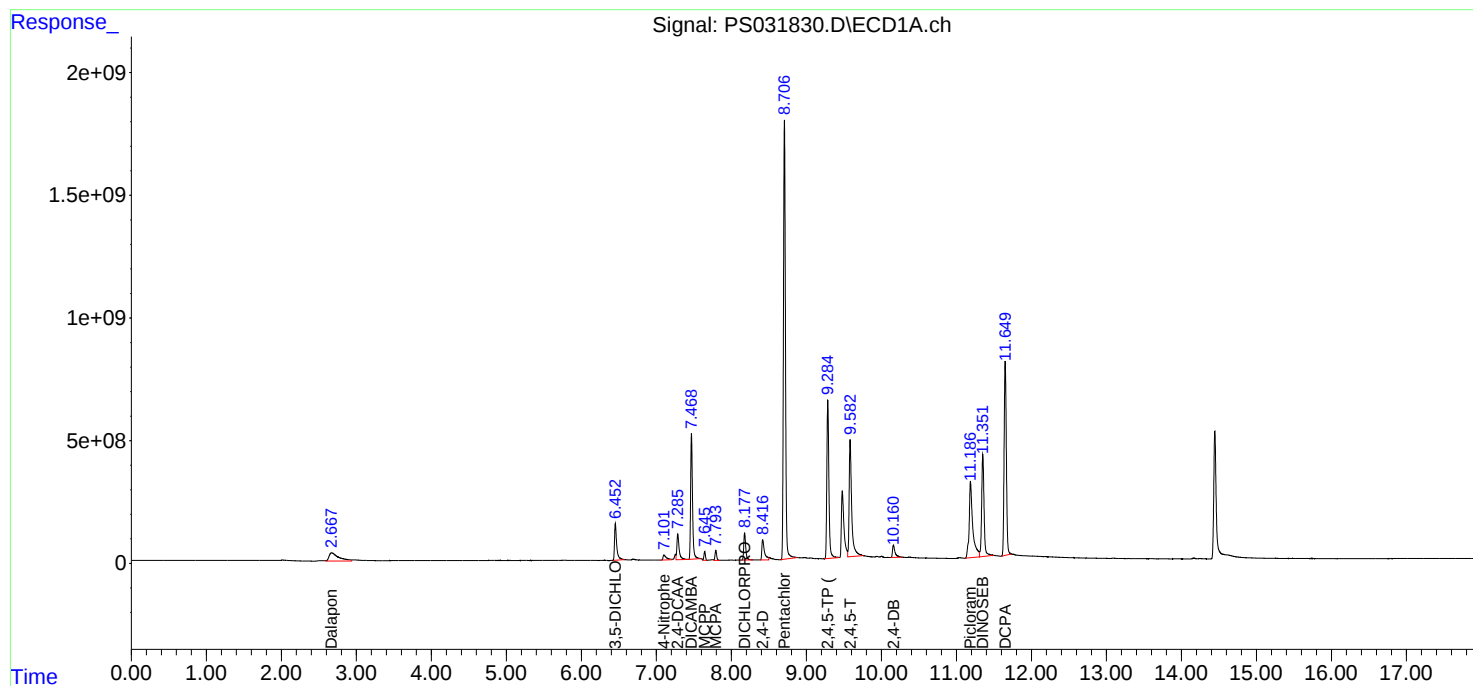
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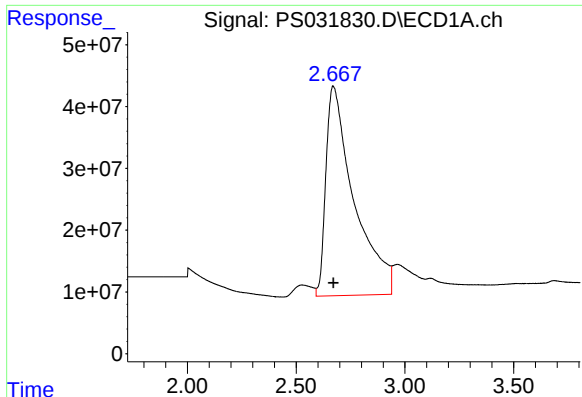
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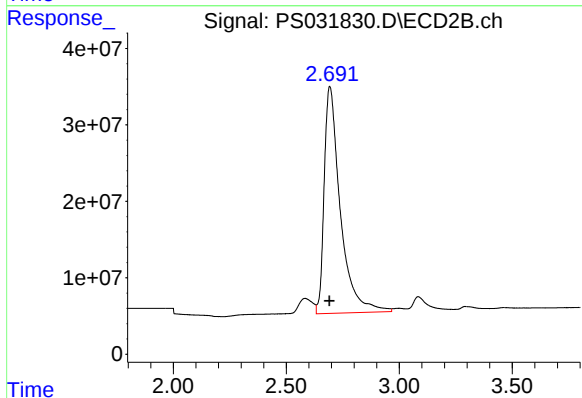
#1 Dalapon

R.T.: 2.669 min
Delta R.T.: -0.002 min
Response: 3044536324
Conc: 526.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169807BS

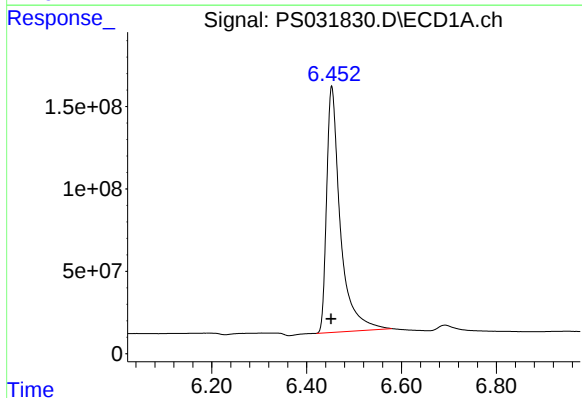
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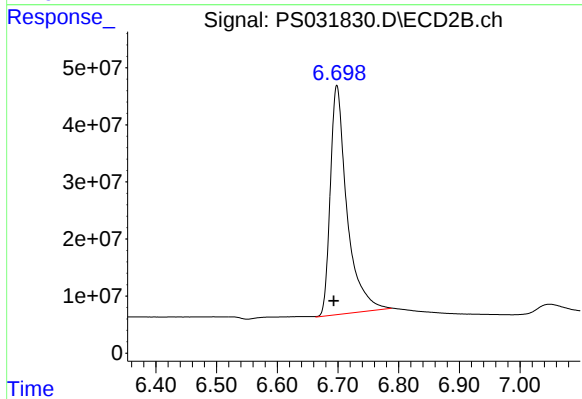
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: 0.000 min
Response: 1475505327
Conc: 523.67 ng/ml



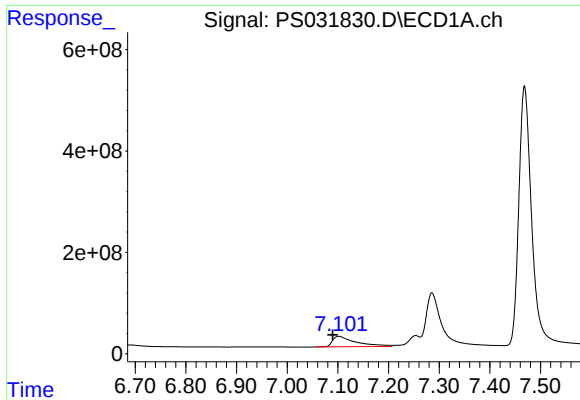
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.001 min
Response: 2998070164
Conc: 562.14 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.698 min
Delta R.T.: 0.005 min
Response: 767687770
Conc: 503.41 ng/ml m



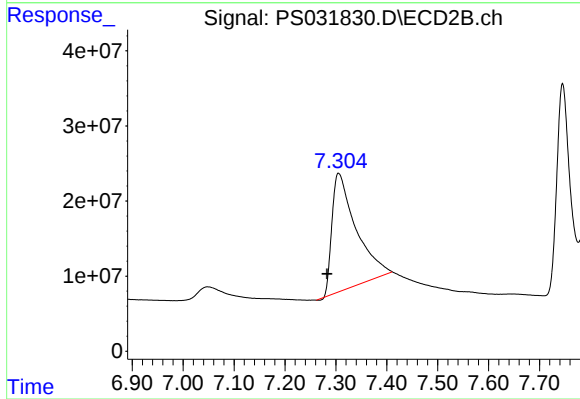
#3 4-Nitrophenol

R.T.: 7.102 min
Delta R.T.: 0.012 min
Response: 657889096
Conc: 596.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169807BS

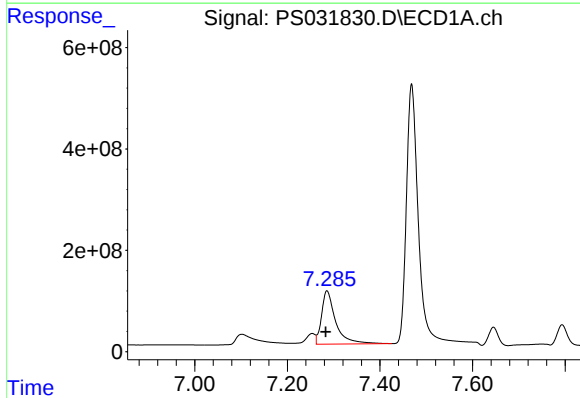
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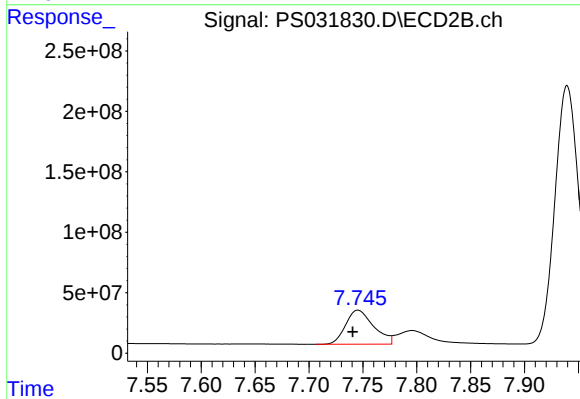
#3 4-Nitrophenol

R.T.: 7.306 min
Delta R.T.: 0.023 min
Response: 519631668
Conc: 411.50 ng/ml



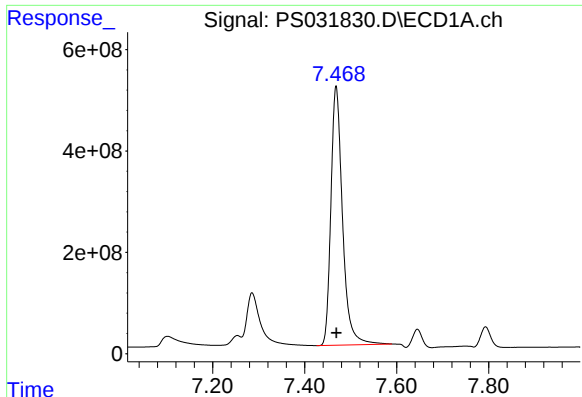
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: 0.002 min
Response: 2219104877
Conc: 616.16 ng/ml



#4 2,4-DCAA

R.T.: 7.746 min
Delta R.T.: 0.005 min
Response: 511176170
Conc: 562.41 ng/ml



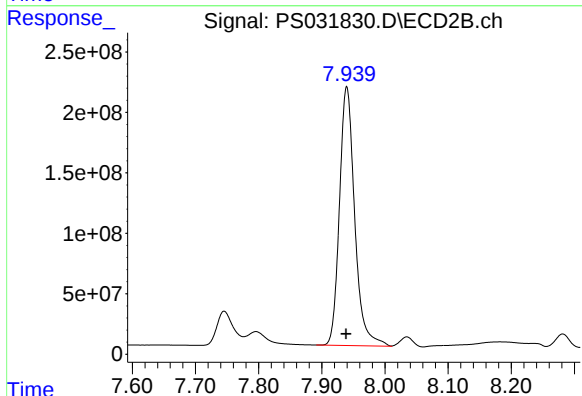
#5 DICAMBA

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 8955722943
Conc: 574.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169807BS

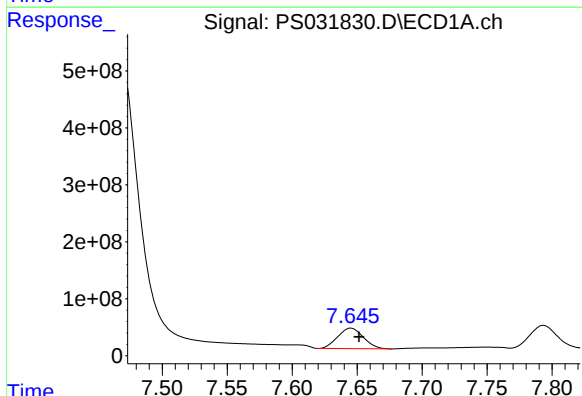
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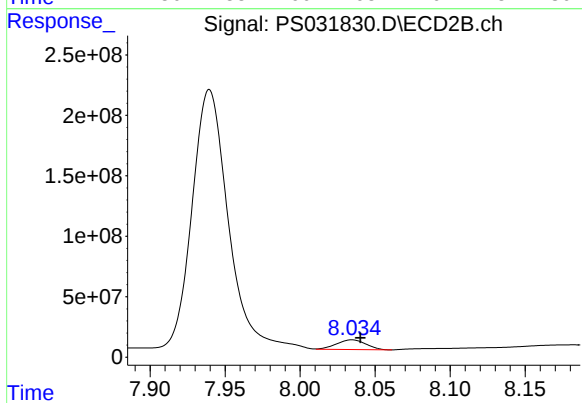
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: 0.000 min
Response: 3586172736
Conc: 551.14 ng/ml



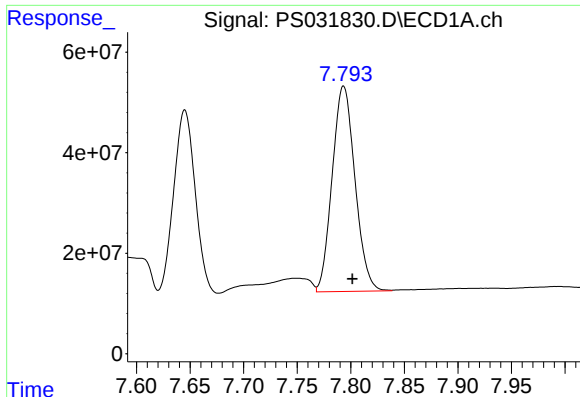
#6 MCPP

R.T.: 7.645 min
Delta R.T.: -0.006 min
Response: 492717324
Conc: 55.12 ug/ml



#6 MCPP

R.T.: 8.035 min
Delta R.T.: -0.006 min
Response: 108060876
Conc: 57.38 ug/ml



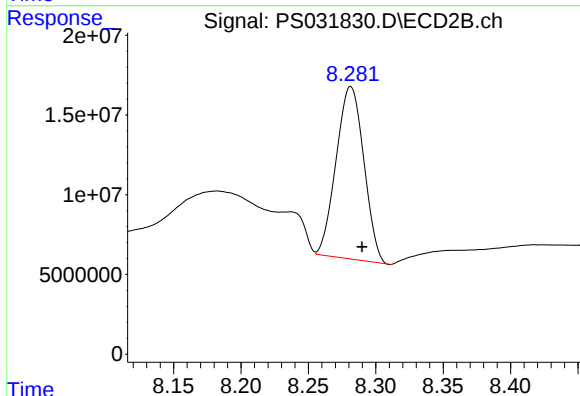
#7 MCPA

R.T.: 7.793 min
Delta R.T.: -0.008 min
Response: 605117724
Conc: 54.46 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169807BS

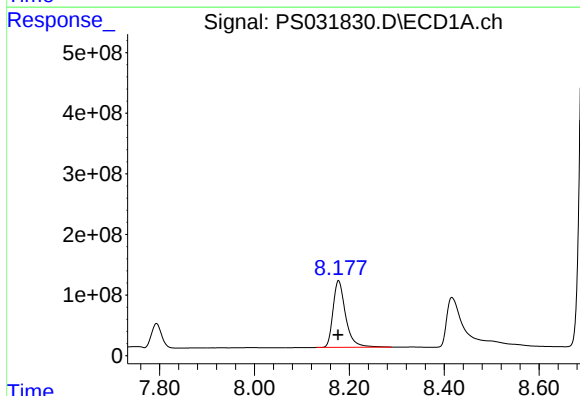
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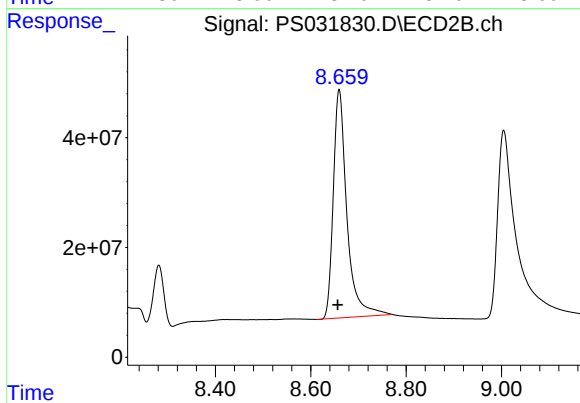
#7 MCPA

R.T.: 8.281 min
Delta R.T.: -0.009 min
Response: 154865557
Conc: 55.29 ug/ml



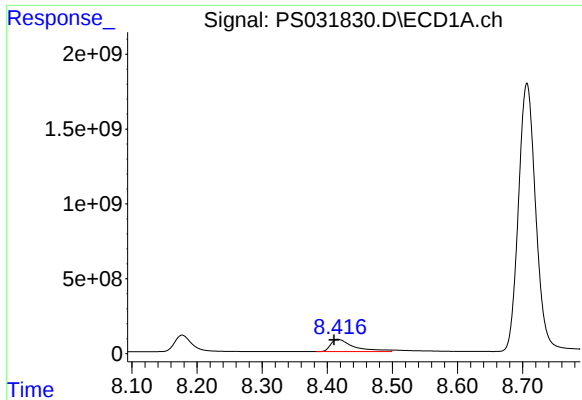
#8 DICHLORPROP

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 2029665579
Conc: 569.85 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: 0.003 min
Response: 825111338
Conc: 567.06 ng/ml



#9 2,4-D

R.T.: 8.416 min
Delta R.T.: 0.005 min
Response: 2036234831
Conc: 594.41 ng/ml

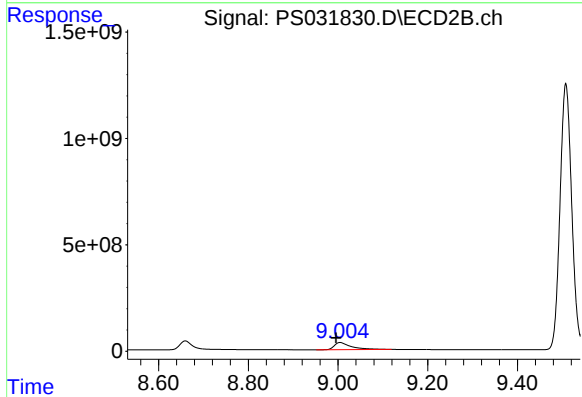
Instrument :

ECD_S

ClientSampleId :
PB169807BS

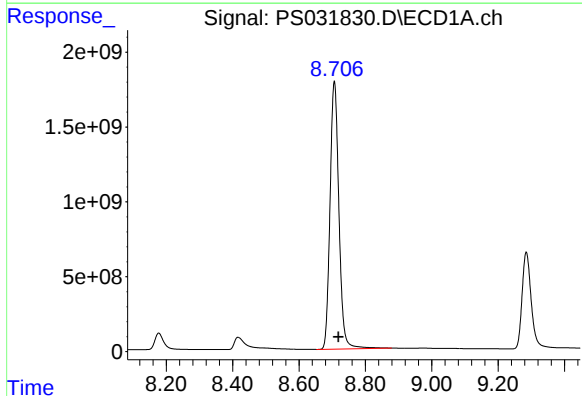
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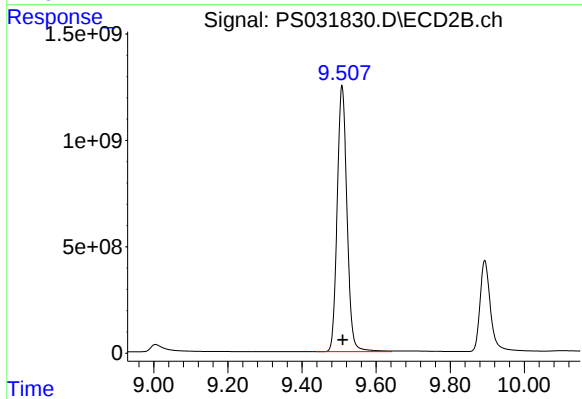
#9 2,4-D

R.T.: 9.005 min
Delta R.T.: 0.009 min
Response: 876796433
Conc: 532.97 ng/ml



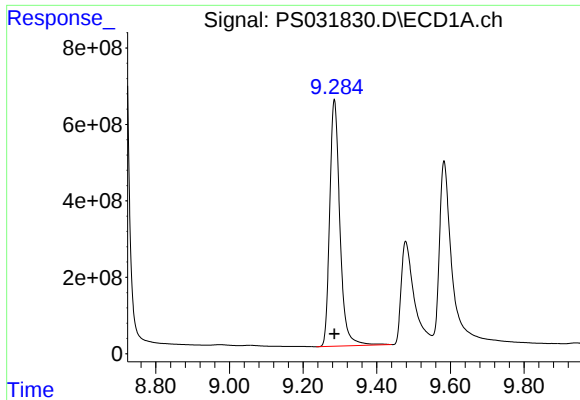
#10 Pentachlorophenol

R.T.: 8.707 min
Delta R.T.: -0.012 min
Response: 33240268670
Conc: 626.07 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.002 min
Response: 23009056385
Conc: 579.71 ng/ml



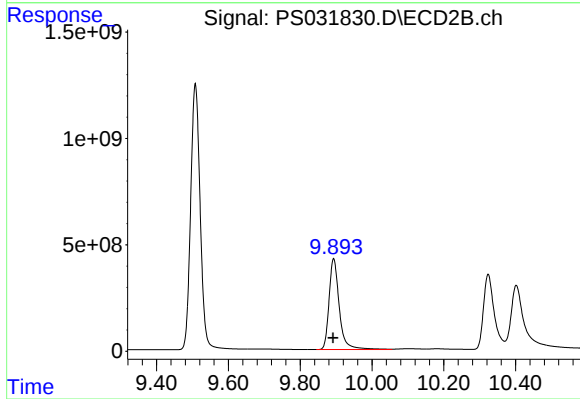
#11 2,4,5-TP (SILVEX)

R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 12399619995
Conc: 591.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
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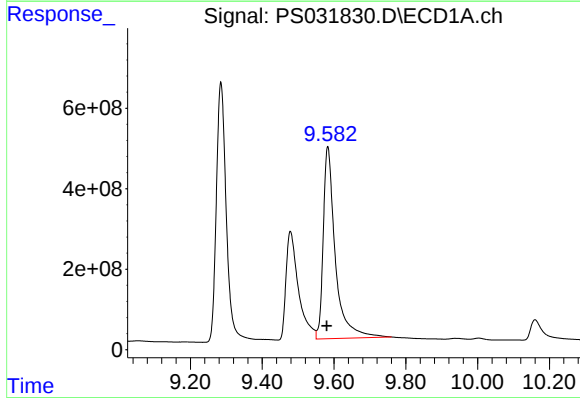
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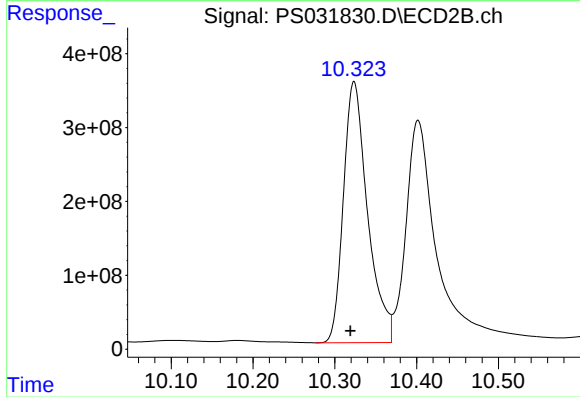
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: 0.001 min
Response: 8447689206
Conc: 561.15 ng/ml



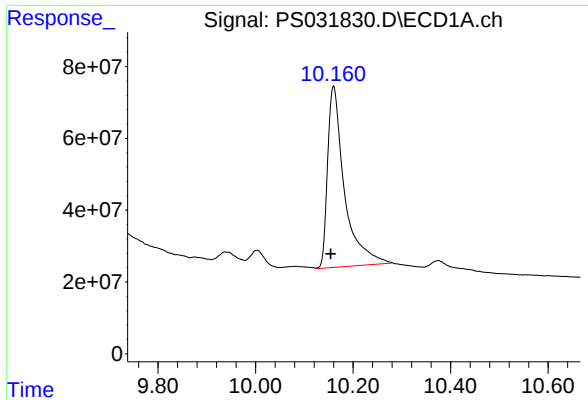
#12 2,4,5-T

R.T.: 9.583 min
Delta R.T.: 0.003 min
Response: 11132731357
Conc: 608.41 ng/ml



#12 2,4,5-T

R.T.: 10.324 min
Delta R.T.: 0.004 min
Response: 7262164395
Conc: 539.66 ng/ml



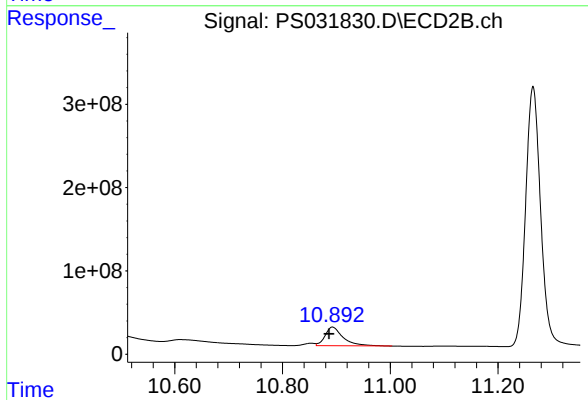
#13 2,4-DB

R.T.: 10.160 min
Delta R.T.: 0.005 min
Response: 1210085681
Conc: 518.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169807BS

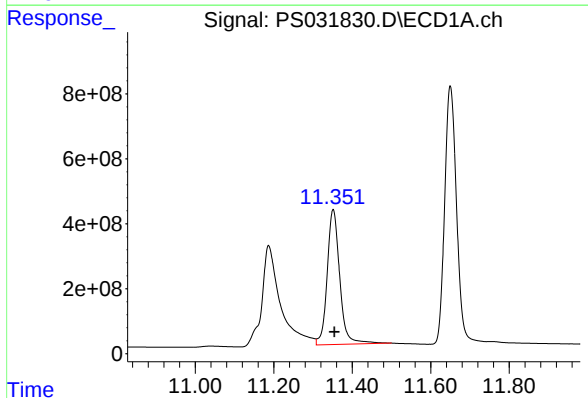
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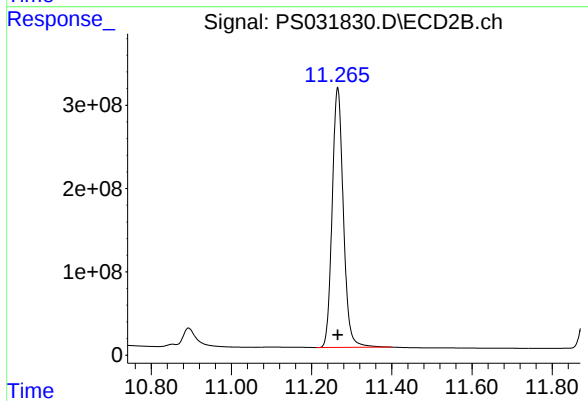
#13 2,4-DB

R.T.: 10.892 min
Delta R.T.: 0.006 min
Response: 521588625
Conc: 487.45 ng/ml m



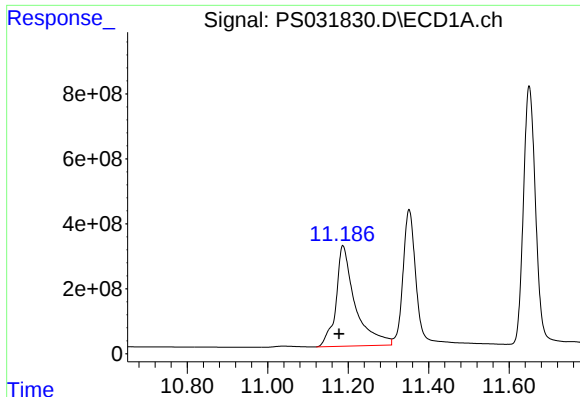
#14 DINOSEB

R.T.: 11.351 min
Delta R.T.: -0.003 min
Response: 9242456816
Conc: 640.83 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 6044884317
Conc: 621.86 ng/ml



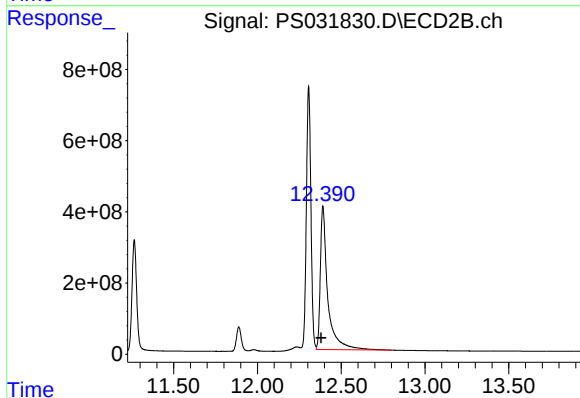
#15 Picloram

R.T.: 11.187 min
Delta R.T.: 0.009 min
Response: 10261105734
Conc: 569.71 ng/ml

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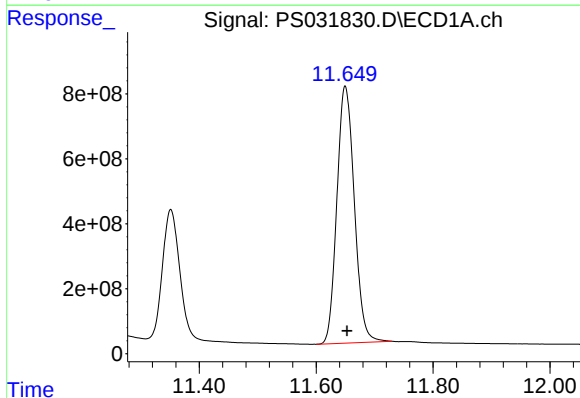
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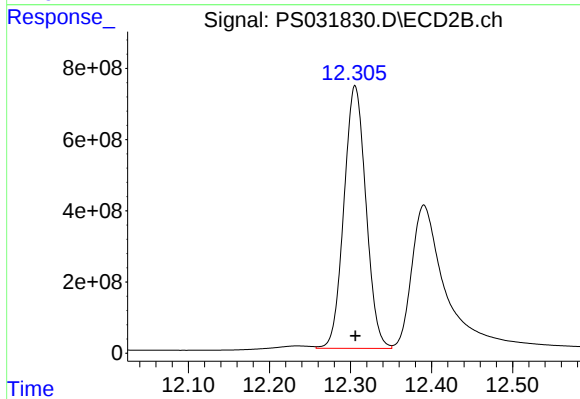
#15 Picloram

R.T.: 12.391 min
Delta R.T.: 0.011 min
Response: 12399428262
Conc: 523.55 ng/ml



#16 DCPA

R.T.: 11.650 min
Delta R.T.: -0.003 min
Response: 16382540577
Conc: 607.89 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 13912507904
Conc: 577.18 ng/ml