

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100925\
 Data File : PS031974.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 18:01
 Operator : AR\AJ
 Sample : PB170042BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB170042BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/10/2025
 Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 02:49:36 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	7.282	7.743	2233.1E6	511.0E6	620.048	562.195
Target Compounds							
1) T	Dalapon	2.665	2.690	2403.1E6	1201.1E6	415.713	426.263
2) T	3,5-DICHL...	6.450	6.697	3067.6E6	902.0E6	575.180	591.510
3) T	4-Nitroph...	7.104	7.314f	574.5E6	665.6E6	520.796	527.067m
5) T	DICAMBA	7.462	7.936	9267.5E6	3738.5E6	594.194	574.548
6) T	MCPD	7.639	8.030	468.2E6	109.3E6	52.373	58.035m
7) T	MCPA	7.788	8.278	620.3E6	158.3E6	55.834	56.518
8) T	DICHLORPROP	8.171	8.656	2079.1E6	854.7E6	583.723	587.369
9) T	2,4-D	8.413	9.004	2117.8E6	853.4E6	618.221	518.750
10) T	Pentachlo...	8.700	9.504	34691.2E6	24499.0E6	653.393	617.251
11) T	2,4,5-TP ...	9.278	9.890	12651.2E6	8803.9E6	603.196	584.808
12) T	2,4,5-T	9.578	10.321	10793.1E6	7148.1E6	589.844	531.181
13) T	2,4-DB	10.157	10.892	1123.6E6	476.8E6	481.653	445.572m
14) T	DINOSEB	11.344	11.260	9191.6E6	6178.4E6	637.299	635.596
15) T	Picloram	11.188	12.394	7759.4E6	10086.8E6	430.815m	425.904
16) T	DCPA	11.642	12.300	16642.4E6	14670.6E6	617.533	608.634m

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

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Acq On : 09 Oct 2025 18:01
Operator : AR\AJ
Sample : PB170042BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

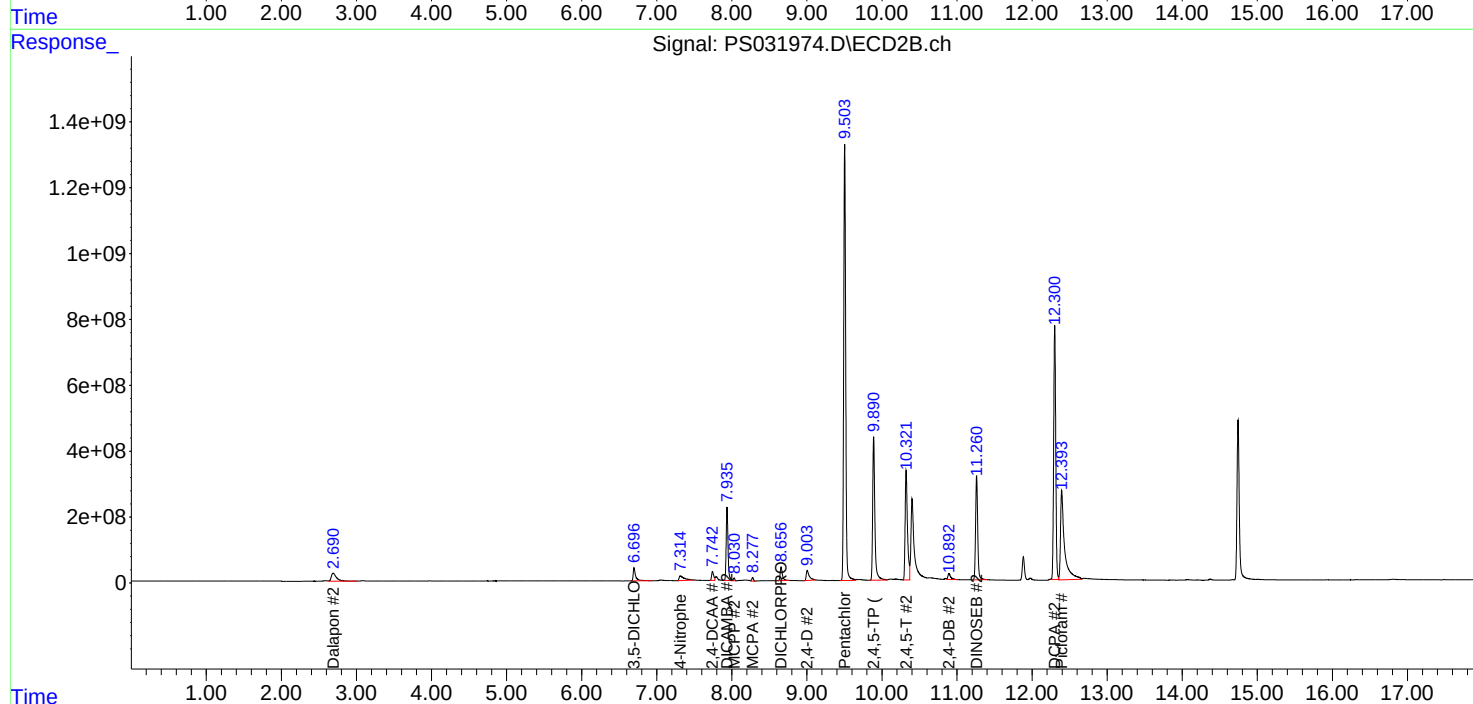
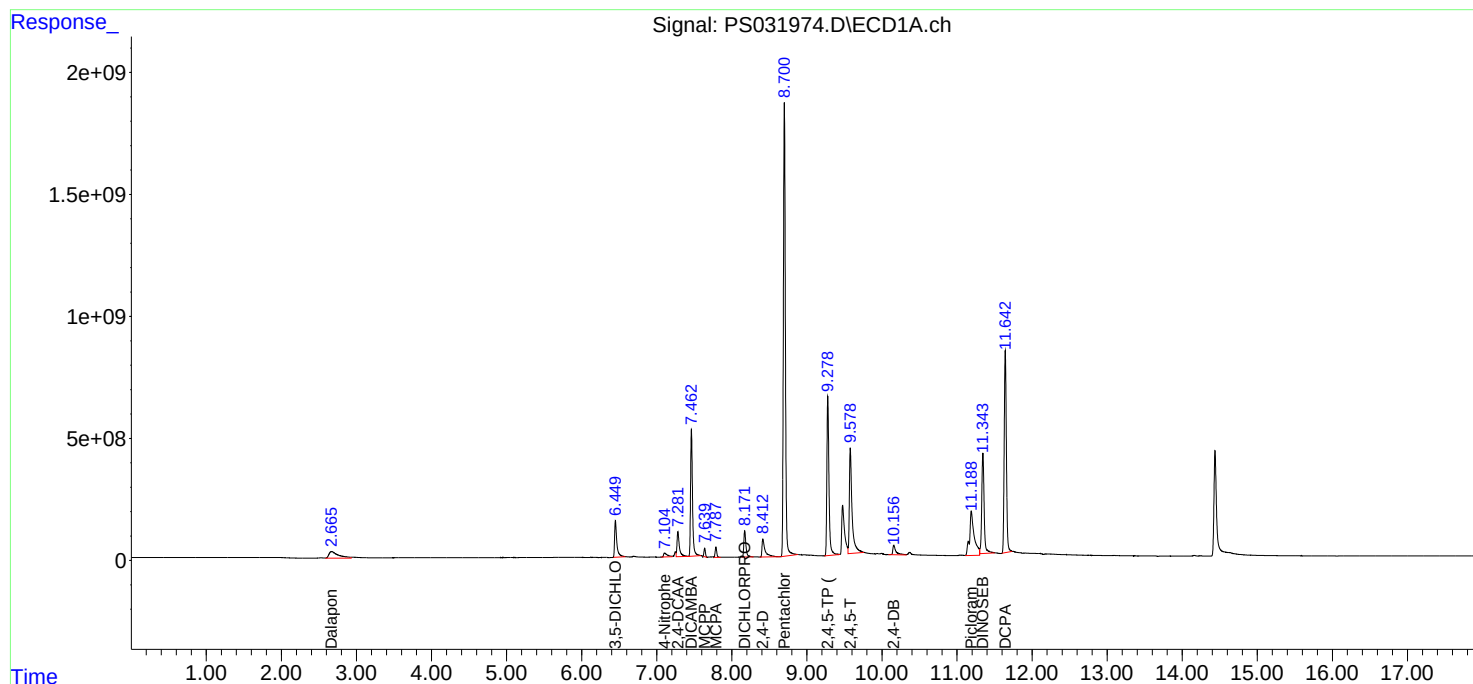
Instrument :
ECD_S
ClientSampleId :
PB170042BSD

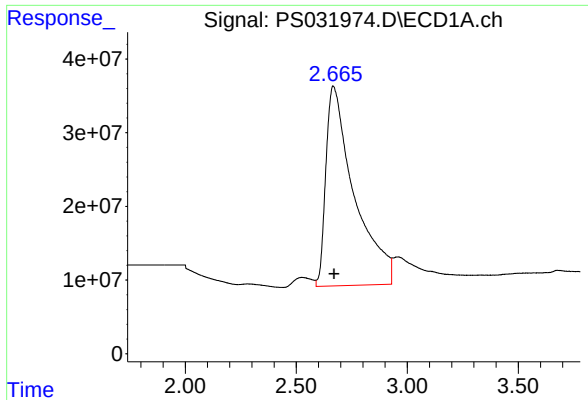
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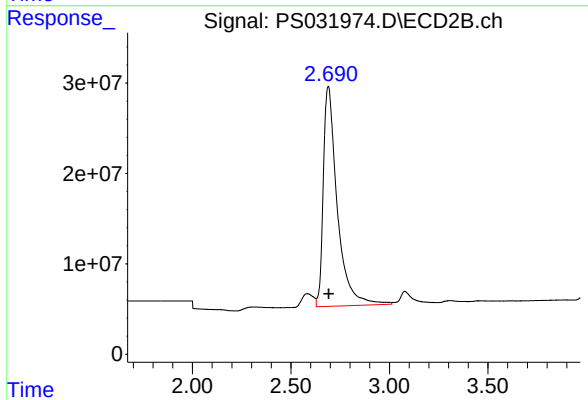
#1 Dalapon

R.T.: 2.665 min
Delta R.T.: -0.006 min
Response: 2403132551
Conc: 415.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170042BSD

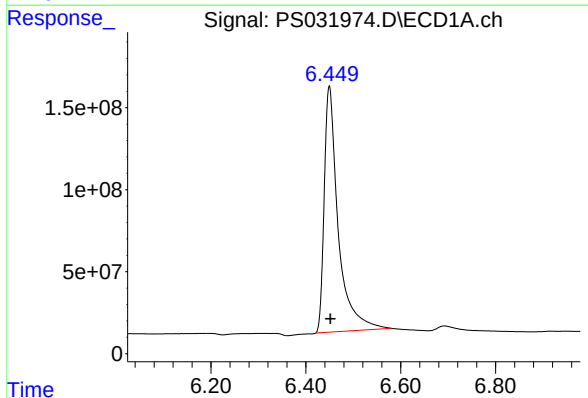
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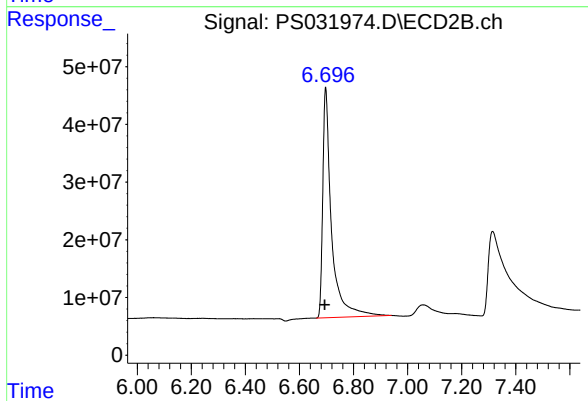
#1 Dalapon

R.T.: 2.690 min
Delta R.T.: -0.002 min
Response: 1201051502
Conc: 426.26 ng/ml



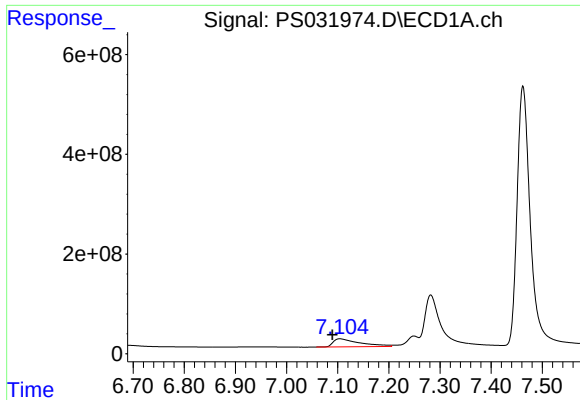
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: -0.002 min
Response: 3067643030
Conc: 575.18 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min
Delta R.T.: 0.004 min
Response: 902031875
Conc: 591.51 ng/ml



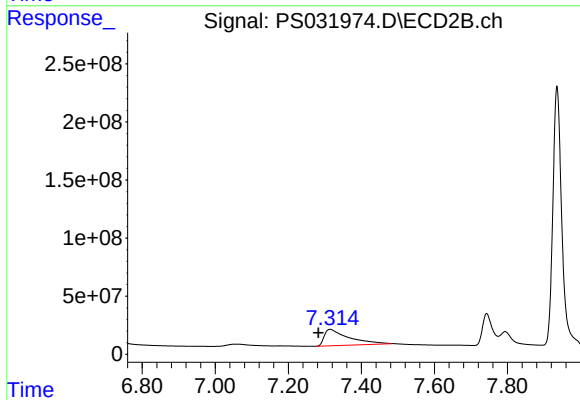
#3 4-Nitrophenol

R.T.: 7.104 min
Delta R.T.: 0.015 min
Response: 574546858
Conc: 520.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170042BSD

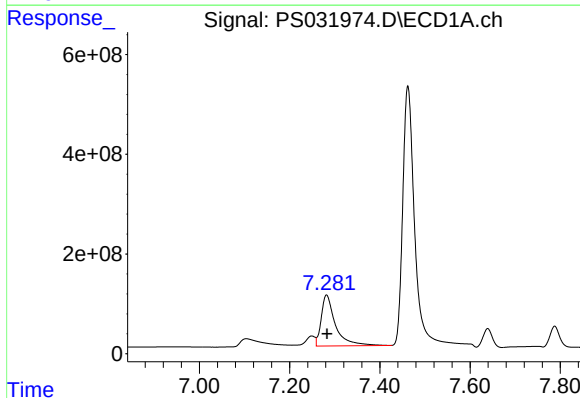
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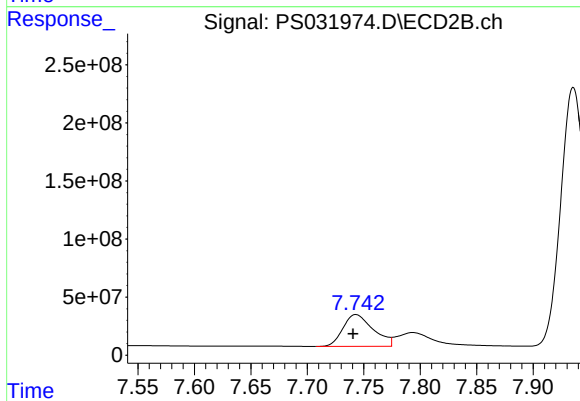
#3 4-Nitrophenol

R.T.: 7.314 min
Delta R.T.: 0.031 min
Response: 665572601
Conc: 527.07 ng/ml m



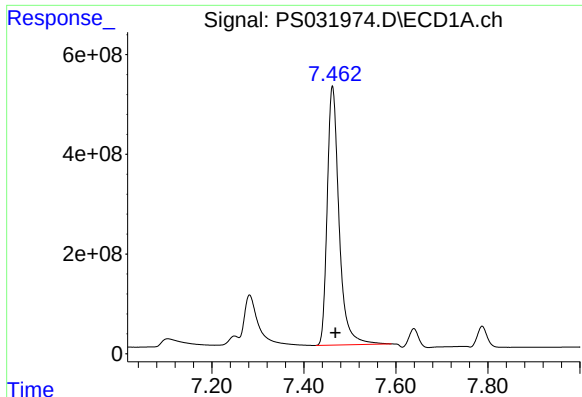
#4 2,4-DCAA

R.T.: 7.282 min
Delta R.T.: -0.001 min
Response: 2233121074
Conc: 620.05 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.002 min
Response: 510978586
Conc: 562.19 ng/ml



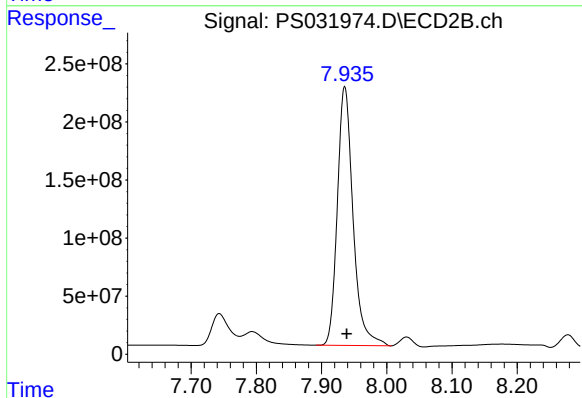
#5 DICAMBA

R.T.: 7.462 min
Delta R.T.: -0.007 min
Response: 9267470621
Conc: 594.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170042BSD

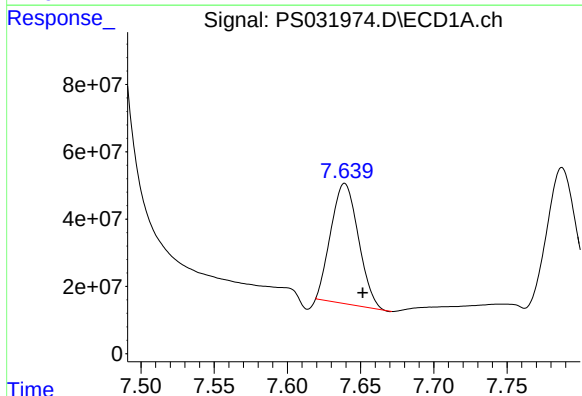
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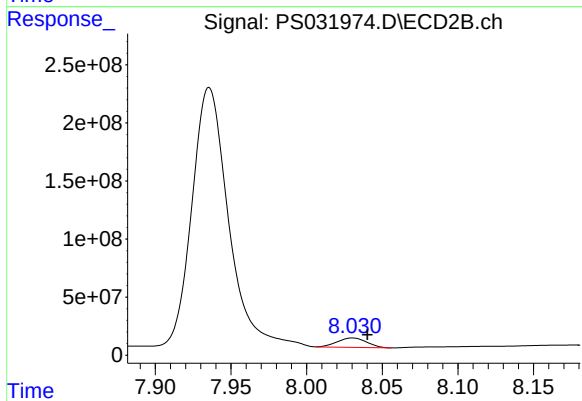
#5 DICAMBA

R.T.: 7.936 min
Delta R.T.: -0.003 min
Response: 3738495648
Conc: 574.55 ng/ml



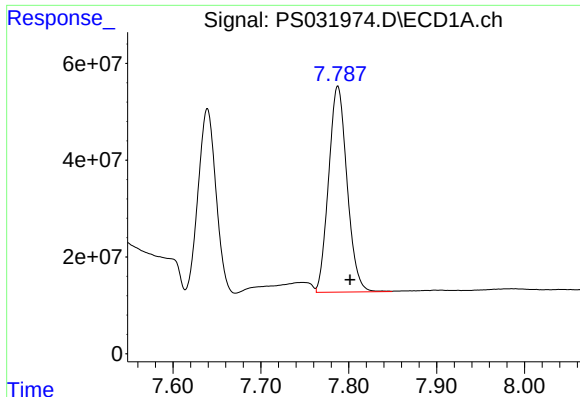
#6 MCPP

R.T.: 7.639 min
Delta R.T.: -0.012 min
Response: 468173058
Conc: 52.37 ug/ml



#6 MCPP

R.T.: 8.030 min
Delta R.T.: -0.010 min
Response: 109302762
Conc: 58.03 ug/ml m



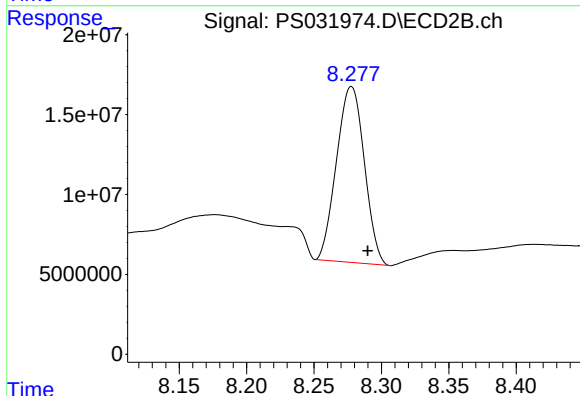
#7 MCPA

R.T.: 7.788 min
Delta R.T.: -0.014 min
Response: 620337757
Conc: 55.83 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB170042BSD

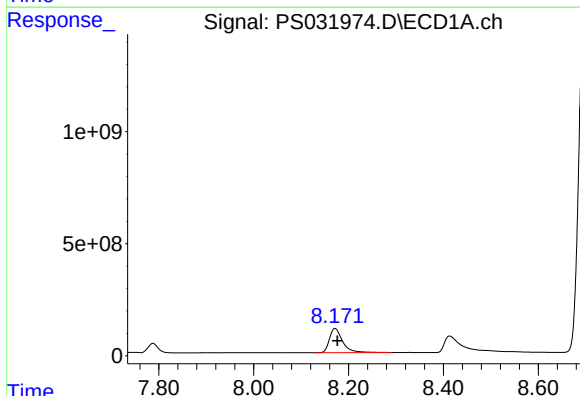
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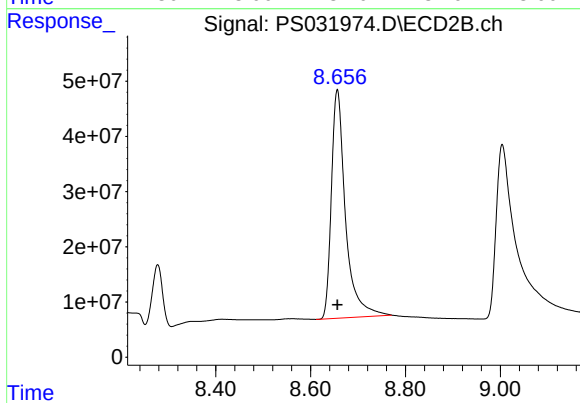
#7 MCPA

R.T.: 8.278 min
Delta R.T.: -0.012 min
Response: 158320338
Conc: 56.52 ug/ml



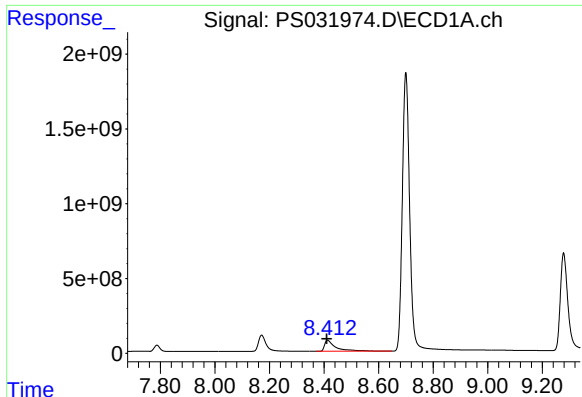
#8 DICHLORPROP

R.T.: 8.171 min
Delta R.T.: -0.005 min
Response: 2079083138
Conc: 583.72 ng/ml



#8 DICHLORPROP

R.T.: 8.656 min
Delta R.T.: 0.000 min
Response: 854657613
Conc: 587.37 ng/ml



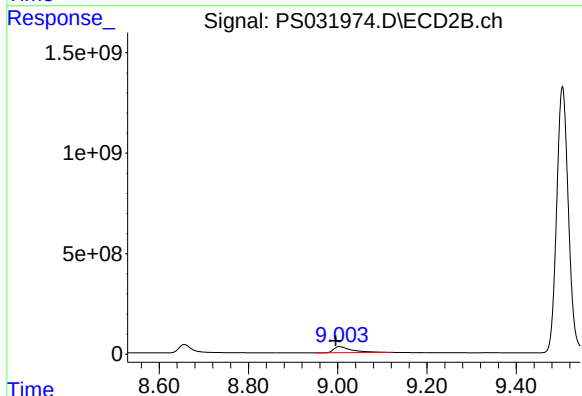
#9 2,4-D

R.T.: 8.413 min
Delta R.T.: 0.002 min
Response: 2117801904
Conc: 618.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170042BSD

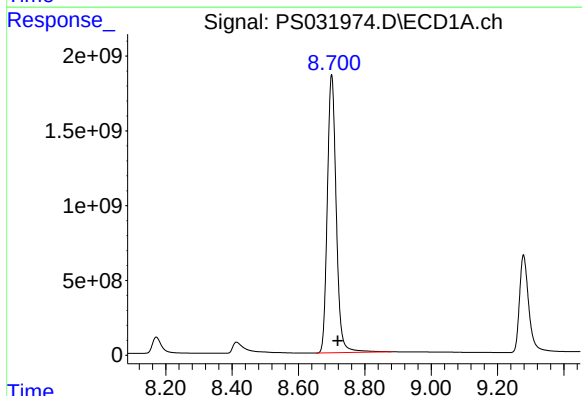
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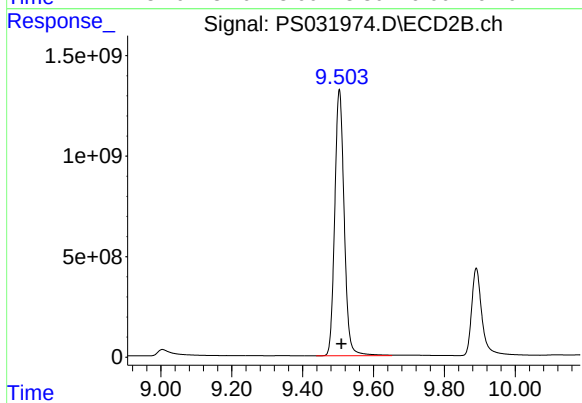
#9 2,4-D

R.T.: 9.004 min
Delta R.T.: 0.008 min
Response: 853400603
Conc: 518.75 ng/ml



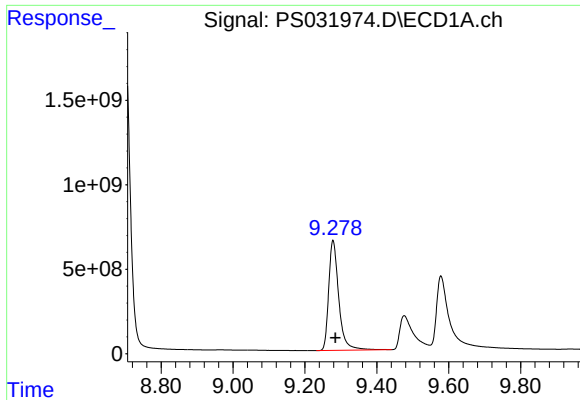
#10 Pentachlorophenol

R.T.: 8.700 min
Delta R.T.: -0.019 min
Response: 34691151959
Conc: 653.39 ng/ml



#10 Pentachlorophenol

R.T.: 9.504 min
Delta R.T.: -0.006 min
Response: 24499025974
Conc: 617.25 ng/ml



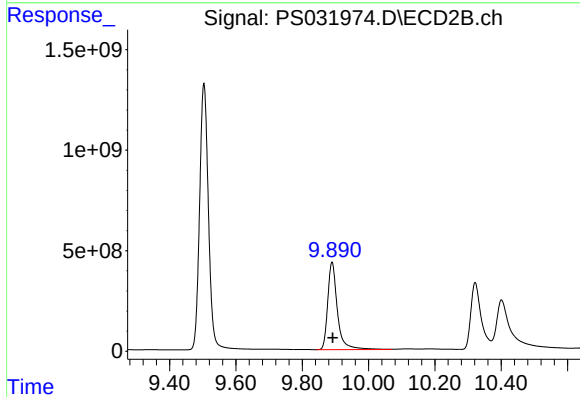
#11 2,4,5-TP (SILVEX)

R.T.: 9.278 min
Delta R.T.: -0.007 min
Response: 12651244554
Conc: 603.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170042BSD

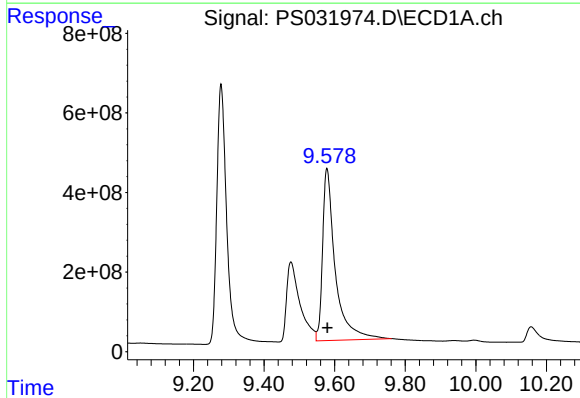
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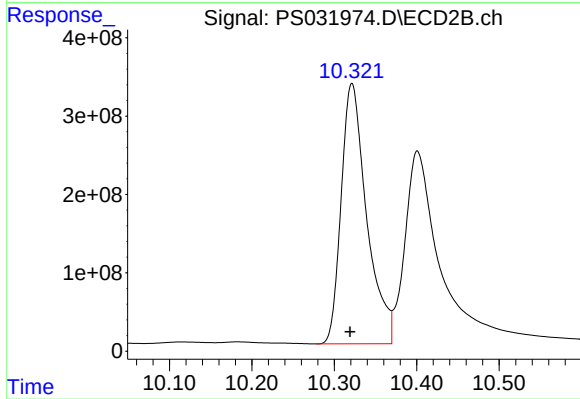
#11 2,4,5-TP (SILVEX)

R.T.: 9.890 min
Delta R.T.: -0.002 min
Response: 8803880110
Conc: 584.81 ng/ml



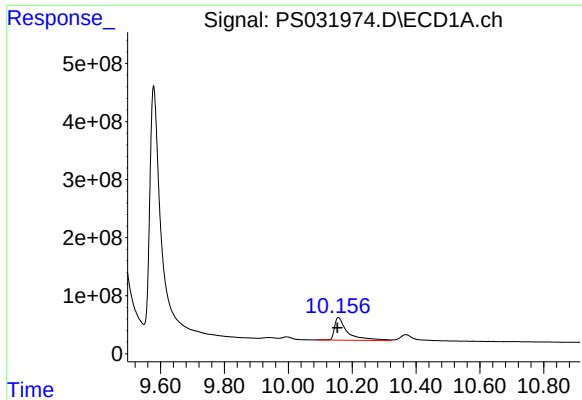
#12 2,4,5-T

R.T.: 9.578 min
Delta R.T.: -0.001 min
Response: 10793065062
Conc: 589.84 ng/ml



#12 2,4,5-T

R.T.: 10.321 min
Delta R.T.: 0.002 min
Response: 7148106556
Conc: 531.18 ng/ml



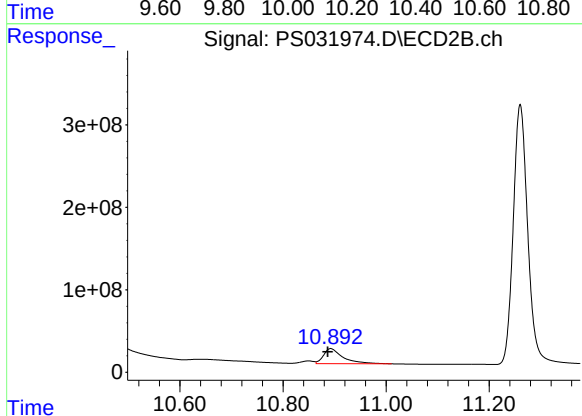
#13 2,4-DB

R.T.: 10.157 min
Delta R.T.: 0.002 min
Response: 1123582991
Conc: 481.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170042BSD

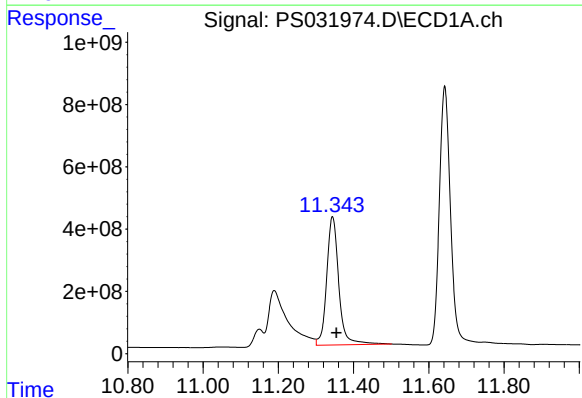
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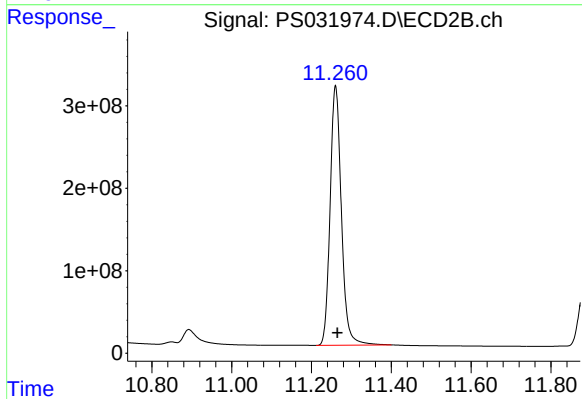
#13 2,4-DB

R.T.: 10.892 min
Delta R.T.: 0.005 min
Response: 476781509
Conc: 445.57 ng/ml m



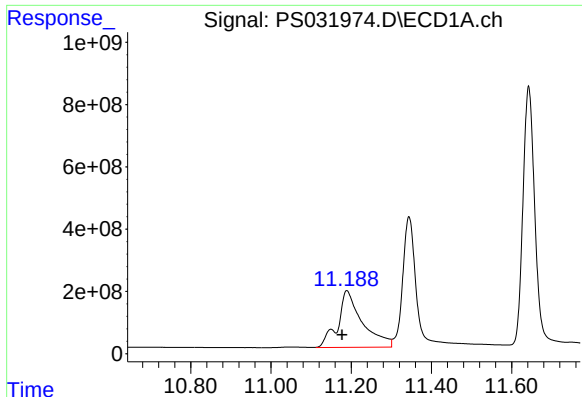
#14 DINOSEB

R.T.: 11.344 min
Delta R.T.: -0.010 min
Response: 9191565782
Conc: 637.30 ng/ml



#14 DINOSEB

R.T.: 11.260 min
Delta R.T.: -0.005 min
Response: 6178428430
Conc: 635.60 ng/ml



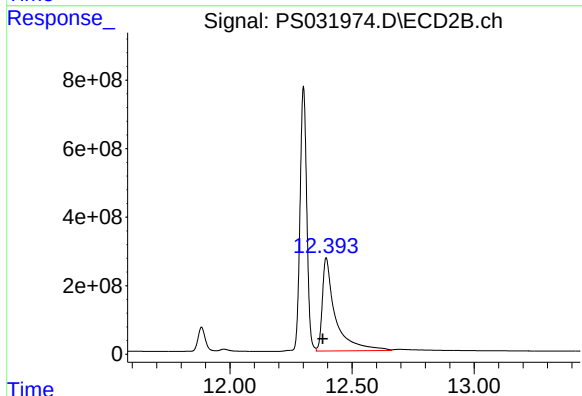
#15 Picloram

R.T.: 11.188 min
Delta R.T.: 0.011 min
Response: 7759439324
Conc: 430.81 ng/ml

Instrument :
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ClientSampleId :
PB170042BSD

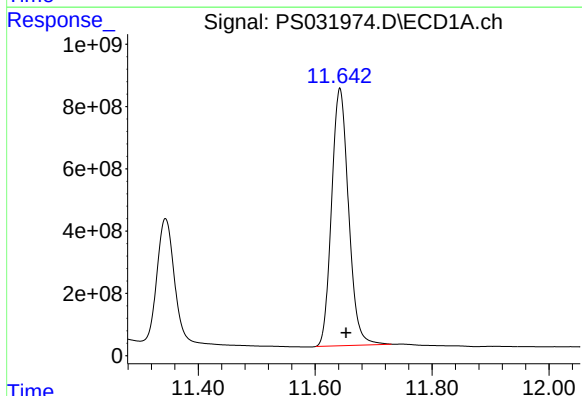
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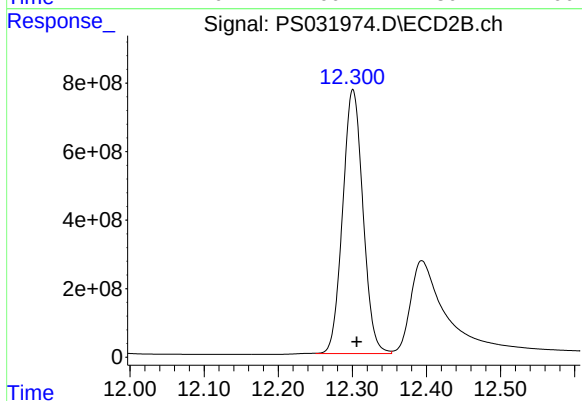
#15 Picloram

R.T.: 12.394 min
Delta R.T.: 0.014 min
Response: 10086787006
Conc: 425.90 ng/ml



#16 DCPA

R.T.: 11.642 min
Delta R.T.: -0.010 min
Response: 16642436162
Conc: 617.53 ng/ml



#16 DCPA

R.T.: 12.300 min
Delta R.T.: -0.006 min
Response: 14670566173
Conc: 608.63 ng/ml m