

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100925\
 Data File : PS031973.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 17:36
 Operator : AR\AJ
 Sample : PB170042BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB170042BS

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 02:49:04 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	7.281	7.743	2115.4E6	513.1E6	587.354m	564.497
Target Compounds							
1) T	Dalapon	2.665	2.690	2382.0E6	1195.3E6	412.052	424.211
2) T	3,5-DICHL...	6.449	6.697	3063.6E6	895.9E6	574.425	587.493
3) T	4-Nitroph...	7.102	7.310f	584.6E6	708.0E6	529.946	560.676m
5) T	DICAMBA	7.463	7.936	9242.9E6	3715.4E6	592.616	571.003
6) T	MCPD	7.639	8.030	468.6E6	111.4E6	52.417	59.156m
7) T	MCPA	7.788	8.277	630.9E6	157.5E6	56.786	56.238
8) T	DICHLORPROP	8.172	8.656	2077.1E6	852.5E6	583.175	585.881
9) T	2,4-D	8.413	9.003	2093.4E6	858.7E6	611.099	521.942
10) T	Pentachlo...	8.700	9.503	34687.7E6	24408.0E6	653.328	614.957
11) T	2,4,5-TP ...	9.278	9.889	12641.5E6	8786.5E6	602.730	583.651
12) T	2,4,5-T	9.579	10.321	10685.2E6	7133.9E6	583.947	530.128
13) T	2,4-DB	10.156	10.891	1107.4E6	485.5E6	474.718	453.729m
14) T	DINOSEB	11.344	11.260	9050.3E6	6097.5E6	627.508	627.274
15) T	Picloram	11.188	12.393	7441.1E6	9520.1E6	413.137m	401.978
16) T	DCPA	11.642	12.300	16632.2E6	14808.8E6	617.153	614.369m

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

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ALS Vial : 5 Sample Multiplier: 1

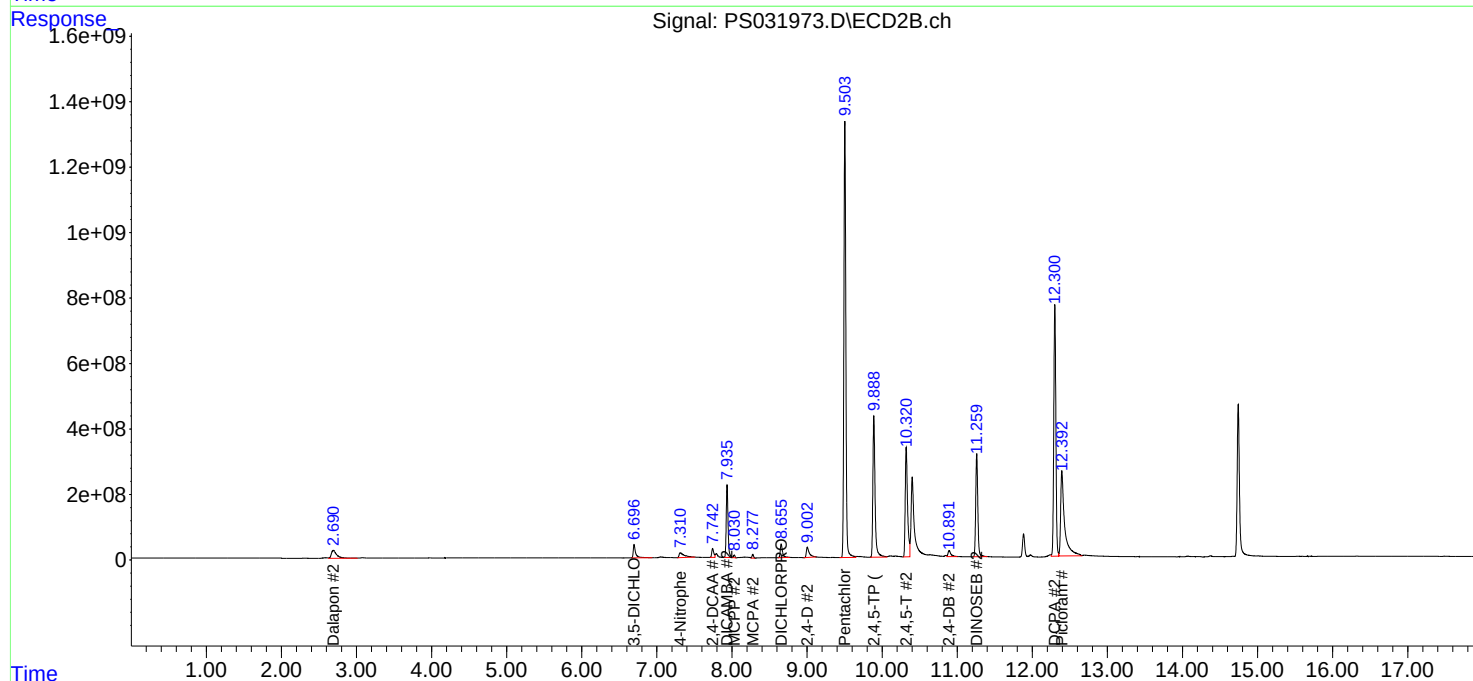
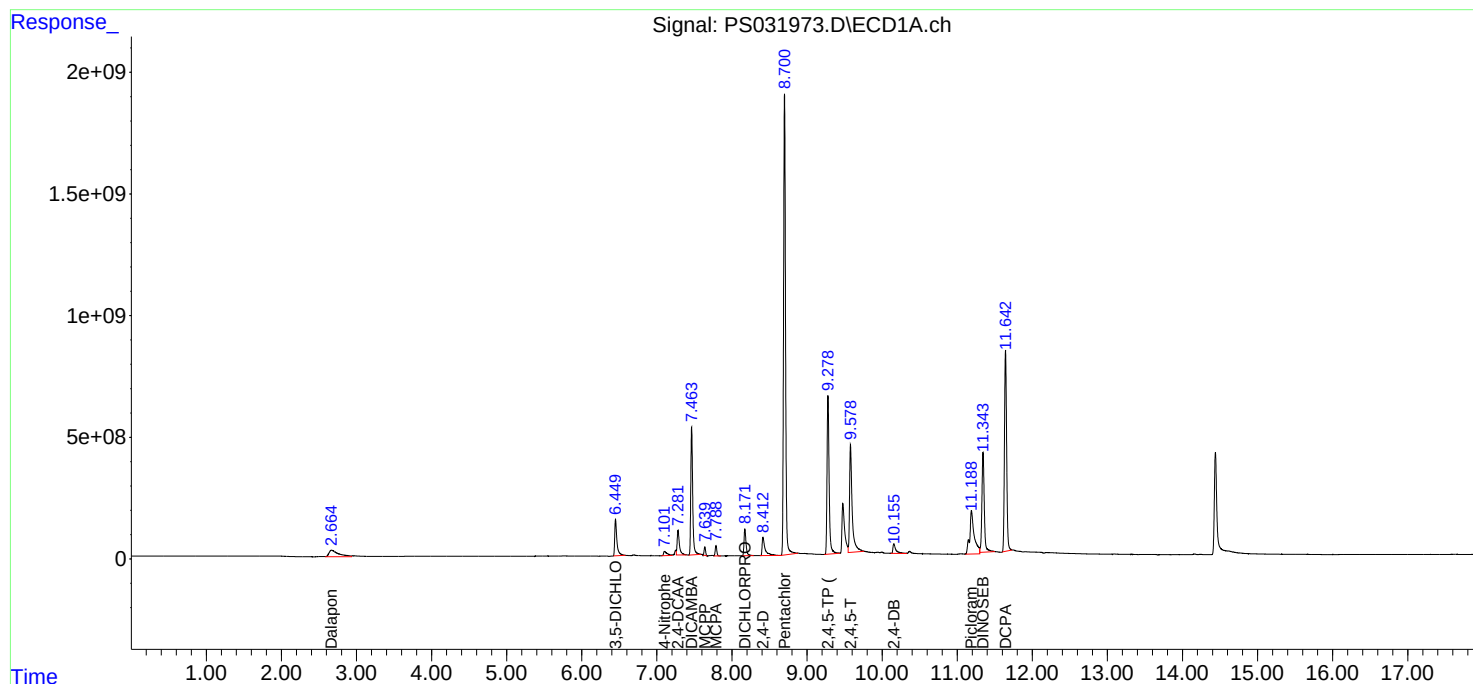
Instrument :
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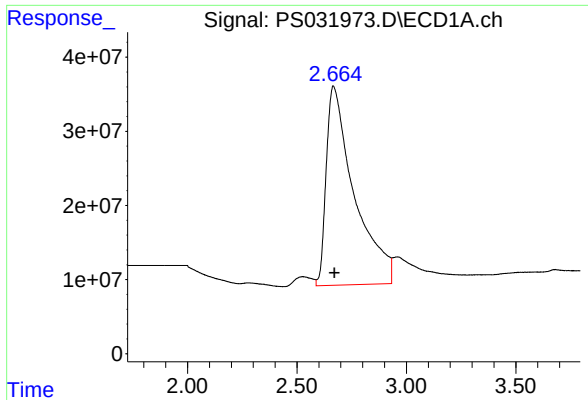
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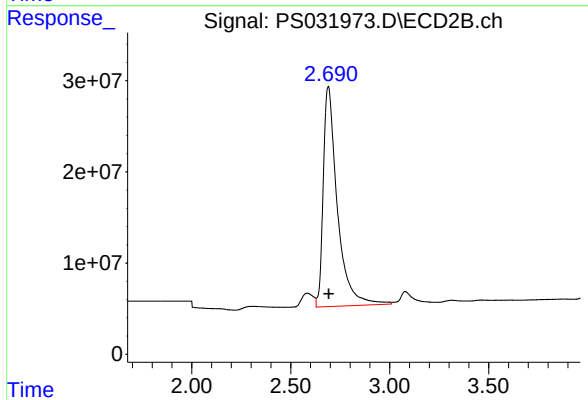
#1 Dalapon

R.T.: 2.665 min
Delta R.T.: -0.006 min
Response: 2381968701
Conc: 412.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170042BS

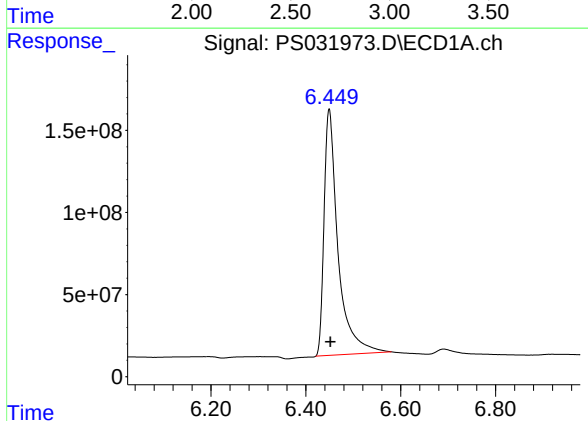
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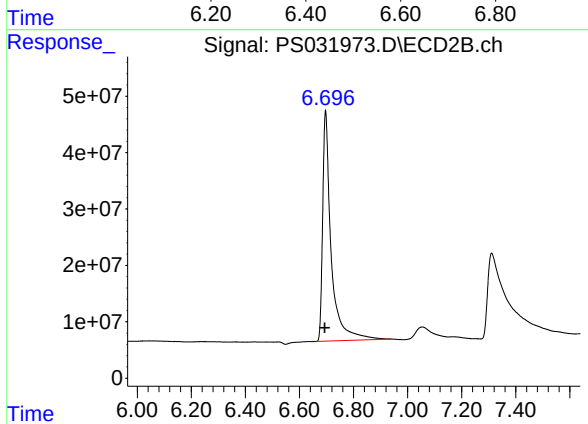
#1 Dalapon

R.T.: 2.690 min
Delta R.T.: -0.002 min
Response: 1195269755
Conc: 424.21 ng/ml



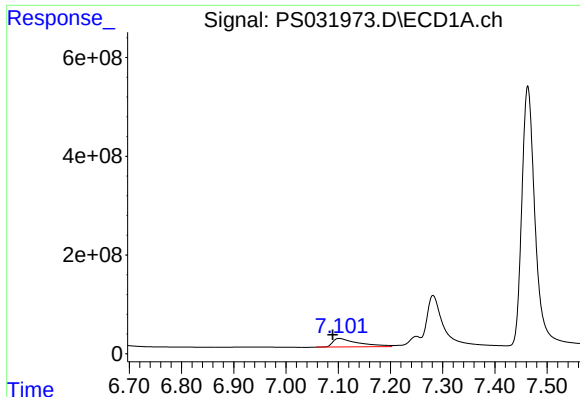
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min
Delta R.T.: -0.002 min
Response: 3063613399
Conc: 574.42 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min
Delta R.T.: 0.004 min
Response: 895906363
Conc: 587.49 ng/ml



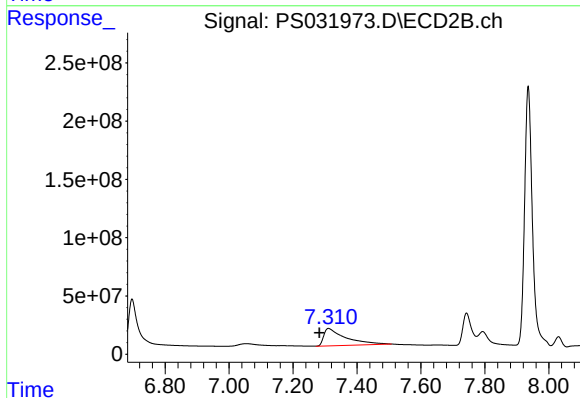
#3 4-Nitrophenol

R.T.: 7.102 min
Delta R.T.: 0.013 min
Response: 584640676
Conc: 529.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170042BS

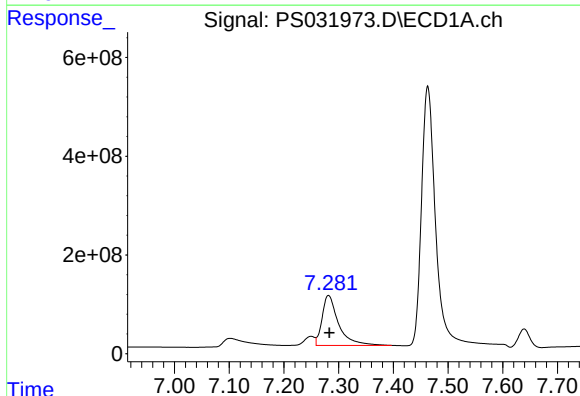
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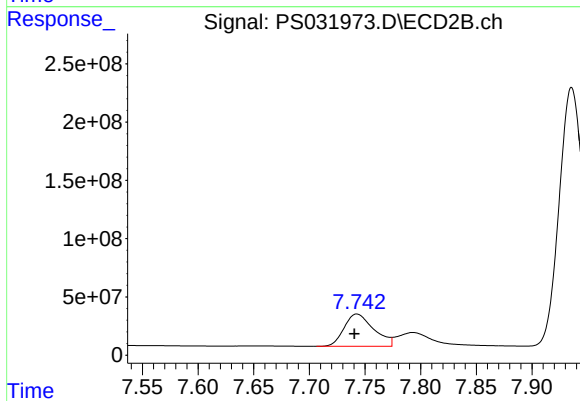
#3 4-Nitrophenol

R.T.: 7.310 min
Delta R.T.: 0.027 min
Response: 708014246
Conc: 560.68 ng/ml m



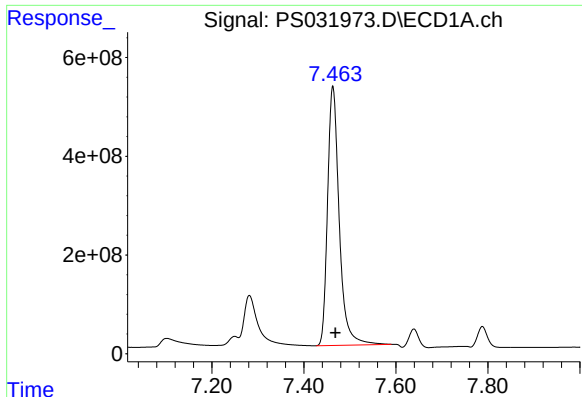
#4 2,4-DCAA

R.T.: 7.281 min
Delta R.T.: -0.002 min
Response: 2115372043
Conc: 587.35 ng/ml m



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.002 min
Response: 513071102
Conc: 564.50 ng/ml



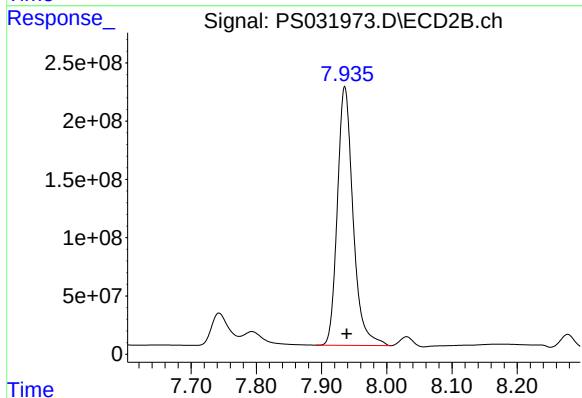
#5 DICAMBA

R.T.: 7.463 min
Delta R.T.: -0.006 min
Response: 9242855776
Conc: 592.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170042BS

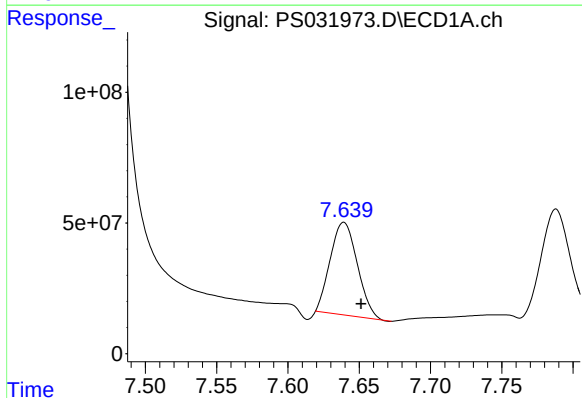
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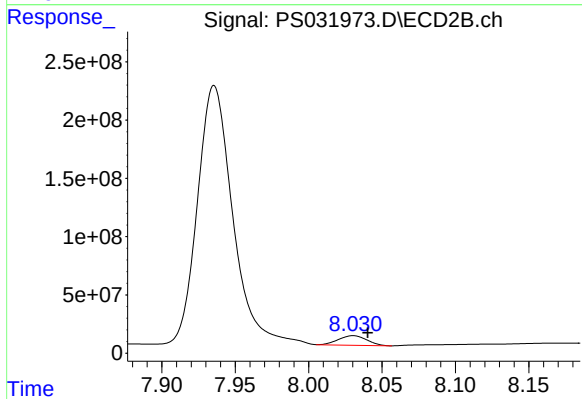
#5 DICAMBA

R.T.: 7.936 min
Delta R.T.: -0.003 min
Response: 3715428668
Conc: 571.00 ng/ml



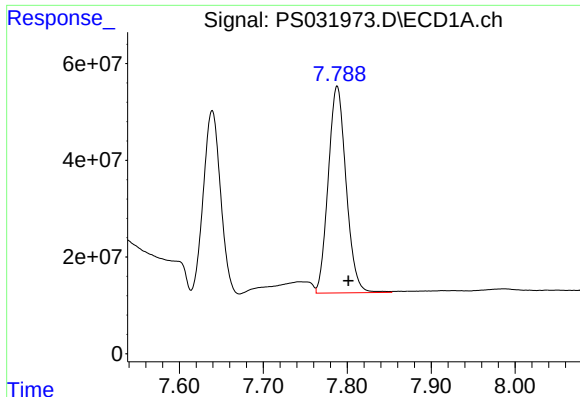
#6 MCPP

R.T.: 7.639 min
Delta R.T.: -0.012 min
Response: 468569631
Conc: 52.42 ug/ml



#6 MCPP

R.T.: 8.030 min
Delta R.T.: -0.010 min
Response: 111415135
Conc: 59.16 ug/ml m



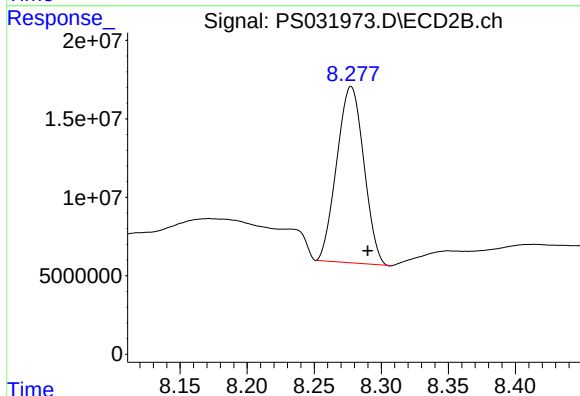
#7 MCPA

R.T.: 7.788 min
Delta R.T.: -0.014 min
Response: 630922010
Conc: 56.79 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB170042BS

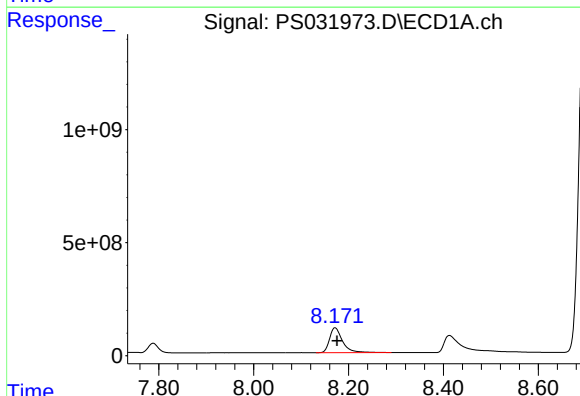
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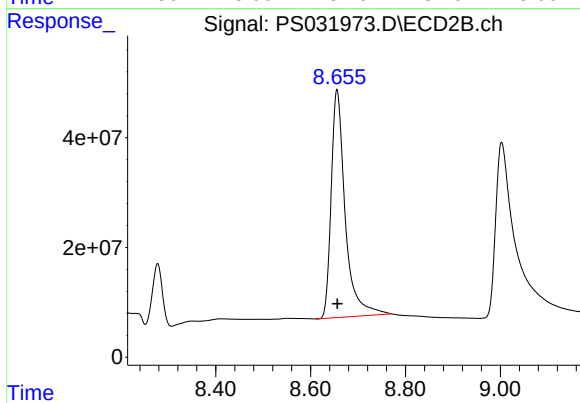
#7 MCPA

R.T.: 8.277 min
Delta R.T.: -0.012 min
Response: 157535895
Conc: 56.24 ug/ml



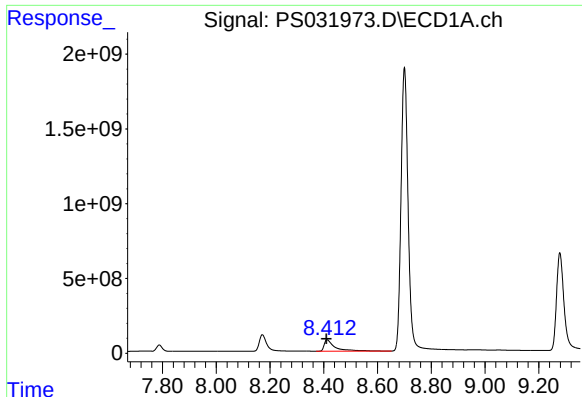
#8 DICHLORPROP

R.T.: 8.172 min
Delta R.T.: -0.005 min
Response: 2077129796
Conc: 583.17 ng/ml



#8 DICHLORPROP

R.T.: 8.656 min
Delta R.T.: 0.000 min
Response: 852492367
Conc: 585.88 ng/ml



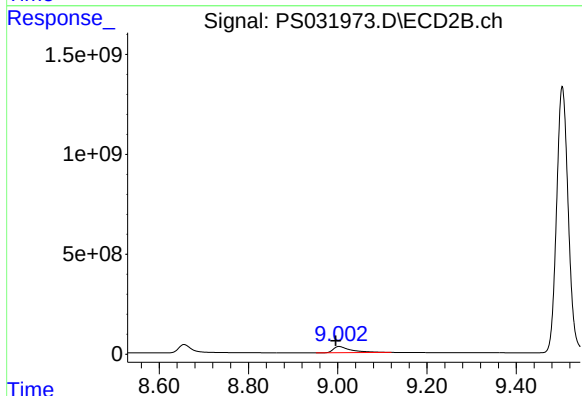
#9 2,4-D

R.T.: 8.413 min
Delta R.T.: 0.002 min
Response: 2093403868
Conc: 611.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170042BS

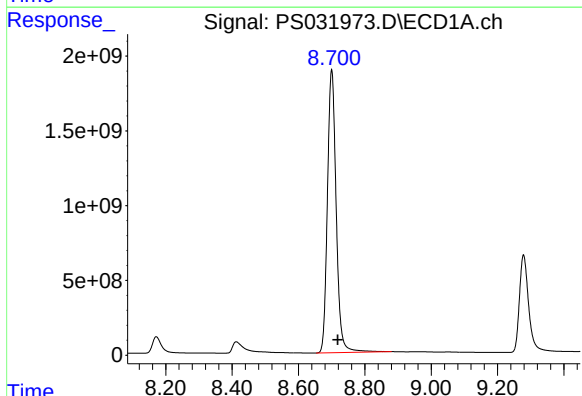
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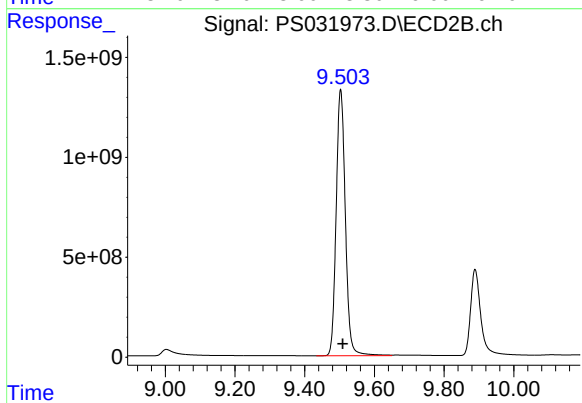
#9 2,4-D

R.T.: 9.003 min
Delta R.T.: 0.007 min
Response: 858651753
Conc: 521.94 ng/ml



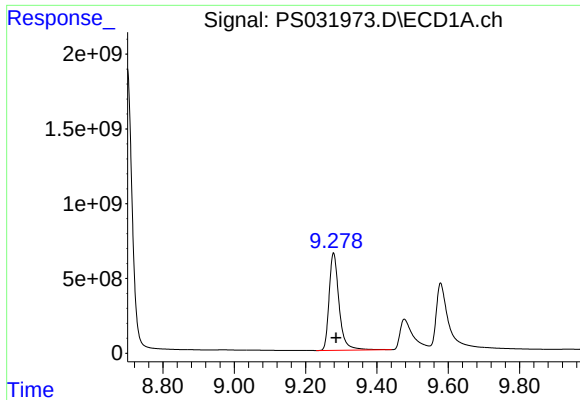
#10 Pentachlorophenol

R.T.: 8.700 min
Delta R.T.: -0.019 min
Response: 34687710232
Conc: 653.33 ng/ml



#10 Pentachlorophenol

R.T.: 9.503 min
Delta R.T.: -0.006 min
Response: 24407955662
Conc: 614.96 ng/ml



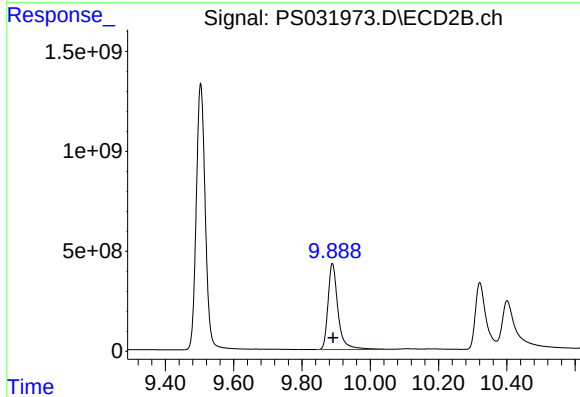
#11 2,4,5-TP (SILVEX)

R.T.: 9.278 min
Delta R.T.: -0.007 min
Response: 12641473016
Conc: 602.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170042BS

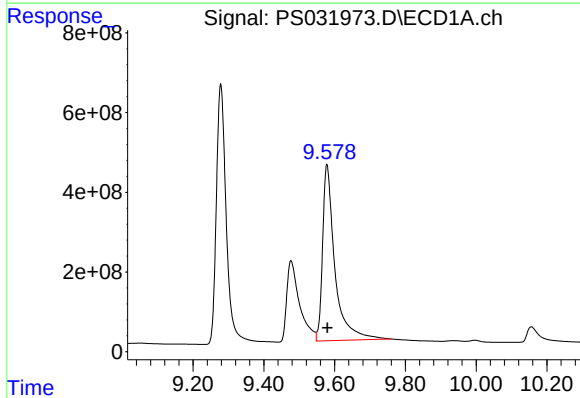
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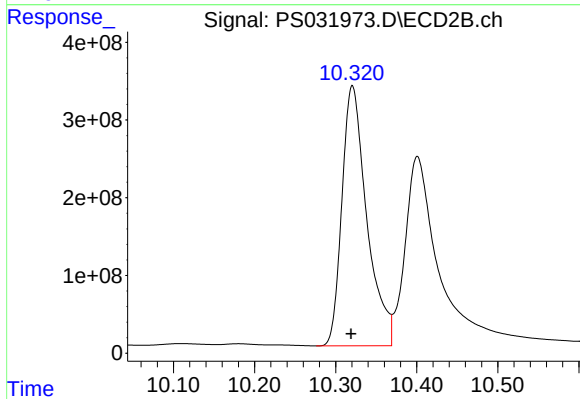
#11 2,4,5-TP (SILVEX)

R.T.: 9.889 min
Delta R.T.: -0.003 min
Response: 8786461413
Conc: 583.65 ng/ml



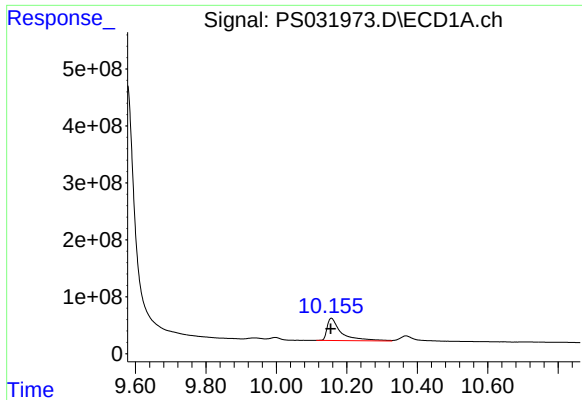
#12 2,4,5-T

R.T.: 9.579 min
Delta R.T.: 0.000 min
Response: 10685157918
Conc: 583.95 ng/ml



#12 2,4,5-T

R.T.: 10.321 min
Delta R.T.: 0.002 min
Response: 7133948170
Conc: 530.13 ng/ml



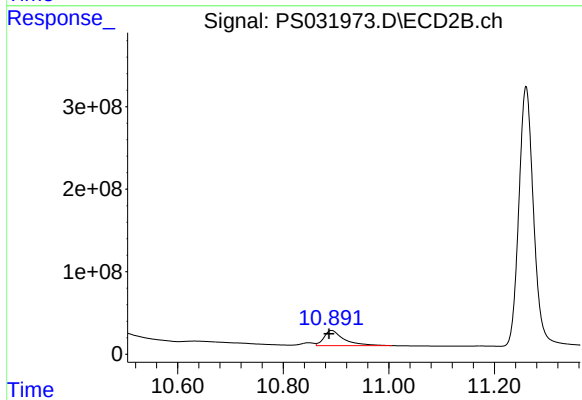
#13 2,4-DB

R.T.: 10.156 min
Delta R.T.: 0.002 min
Response: 1107405888
Conc: 474.72 ng/ml

Instrument :
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ClientSampleId :
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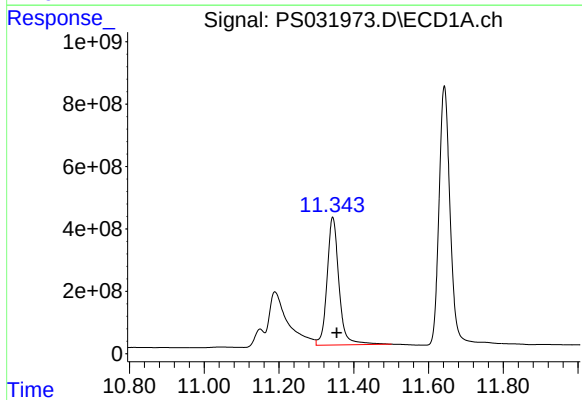
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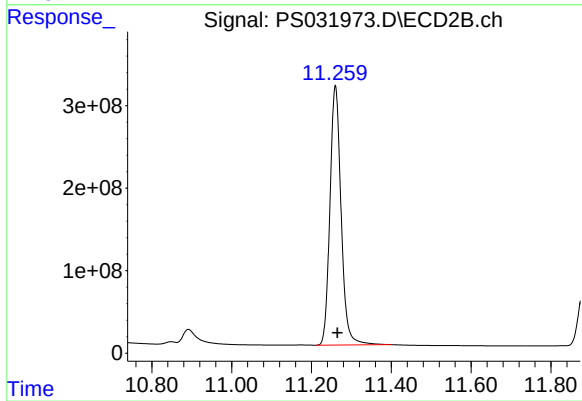
#13 2,4-DB

R.T.: 10.891 min
Delta R.T.: 0.004 min
Response: 485510064
Conc: 453.73 ng/ml m



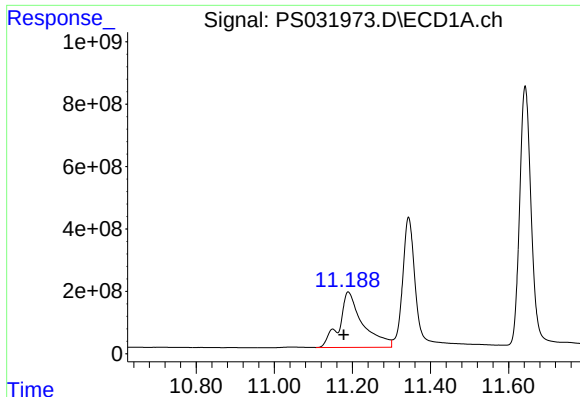
#14 DINOSEB

R.T.: 11.344 min
Delta R.T.: -0.010 min
Response: 9050348065
Conc: 627.51 ng/ml



#14 DINOSEB

R.T.: 11.260 min
Delta R.T.: -0.005 min
Response: 6097526769
Conc: 627.27 ng/ml



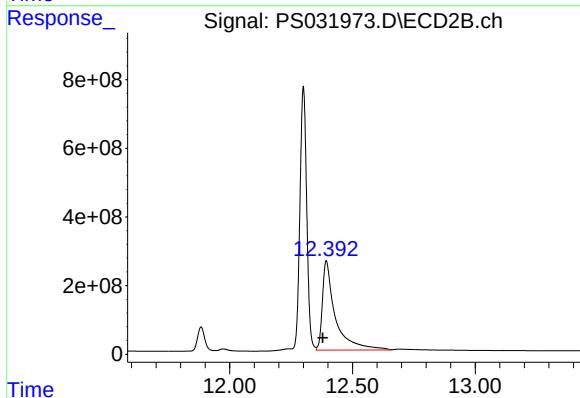
#15 Picloram

R.T.: 11.188 min
Delta R.T.: 0.011 min
Response: 7441050037
Conc: 413.14 ng/ml

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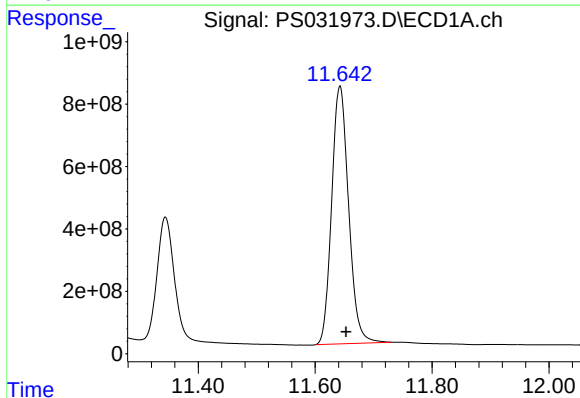
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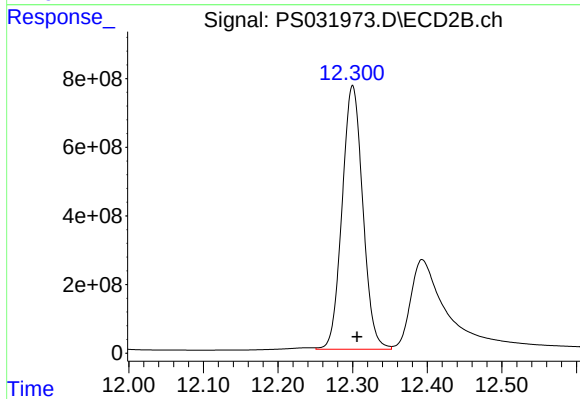
#15 Picloram

R.T.: 12.393 min
Delta R.T.: 0.014 min
Response: 9520138267
Conc: 401.98 ng/ml



#16 DCPA

R.T.: 11.642 min
Delta R.T.: -0.010 min
Response: 16632216040
Conc: 617.15 ng/ml



#16 DCPA

R.T.: 12.300 min
Delta R.T.: -0.006 min
Response: 14808806123
Conc: 614.37 ng/ml m