

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101425\
 Data File : PS032003.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2025 17:07
 Operator : AR\AJ
 Sample : PB170051BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB170051BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/15/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 03:21:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 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	7.283	7.746	2626.7E6	603.3E6	551.022	548.257
Target Compounds							
1) T	Dalapon	2.660	2.686	3843.7E6	1820.6E6	497.399	484.414
2) T	3,5-DICHL...	6.450	6.699	3620.1E6	1077.8E6	514.299	516.692
3) T	4-Nitroph...	7.104	7.312f	573.7E6	788.1E6	429.870m	519.348m
5) T	DICAMBA	7.464	7.939	10805.8E6	4460.5E6	515.980	515.016
6) T	MCPD	7.641	8.034	608.7E6	124.5E6	49.774	50.163
7) T	MCPA	7.790	8.281	734.9E6	193.6E6	49.936	51.310
8) T	DICHLORPROP	8.173	8.659	2446.2E6	1012.7E6	514.547	517.127
9) T	2,4-D	8.415	9.006	2566.8E6	1033.0E6	528.594	497.021
10) T	Pentachlo...	8.702	9.507	40318.4E6	28853.0E6	600.695	556.751
11) T	2,4,5-TP ...	9.280	9.893	14920.6E6	10572.9E6	528.310	526.675
12) T	2,4,5-T	9.580	10.323	13511.3E6	8929.7E6	535.223	520.845
13) T	2,4-DB	10.157	10.892	1599.5E6	632.3E6	515.908	489.367
14) T	DINOSEB	11.345	11.264	11861.3E6	8049.0E6	531.875	529.429
15) T	Picloram	11.184	12.390	12693.2E6	16864.2E6	538.350	506.554
16) T	DCPA	11.644	12.304	19743.1E6	17738.1E6	537.369	534.093

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

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Sample : PB170051BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

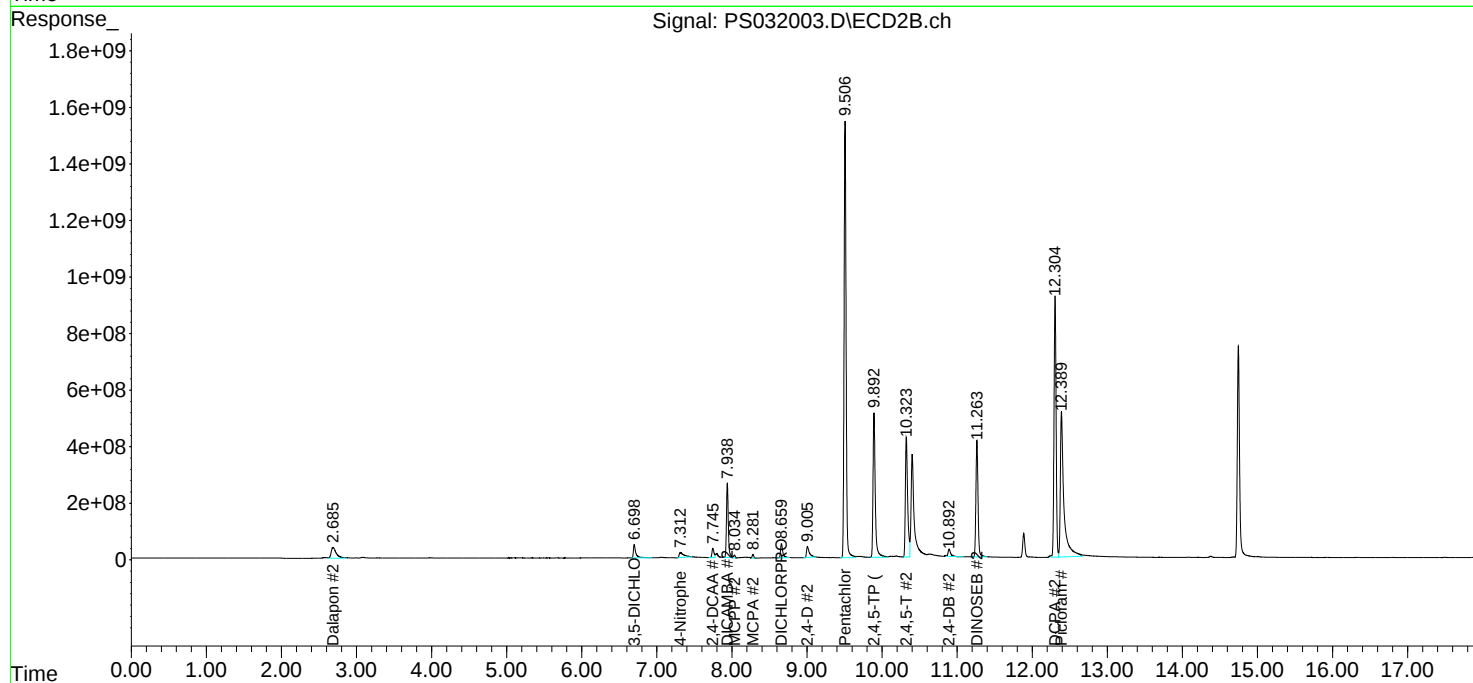
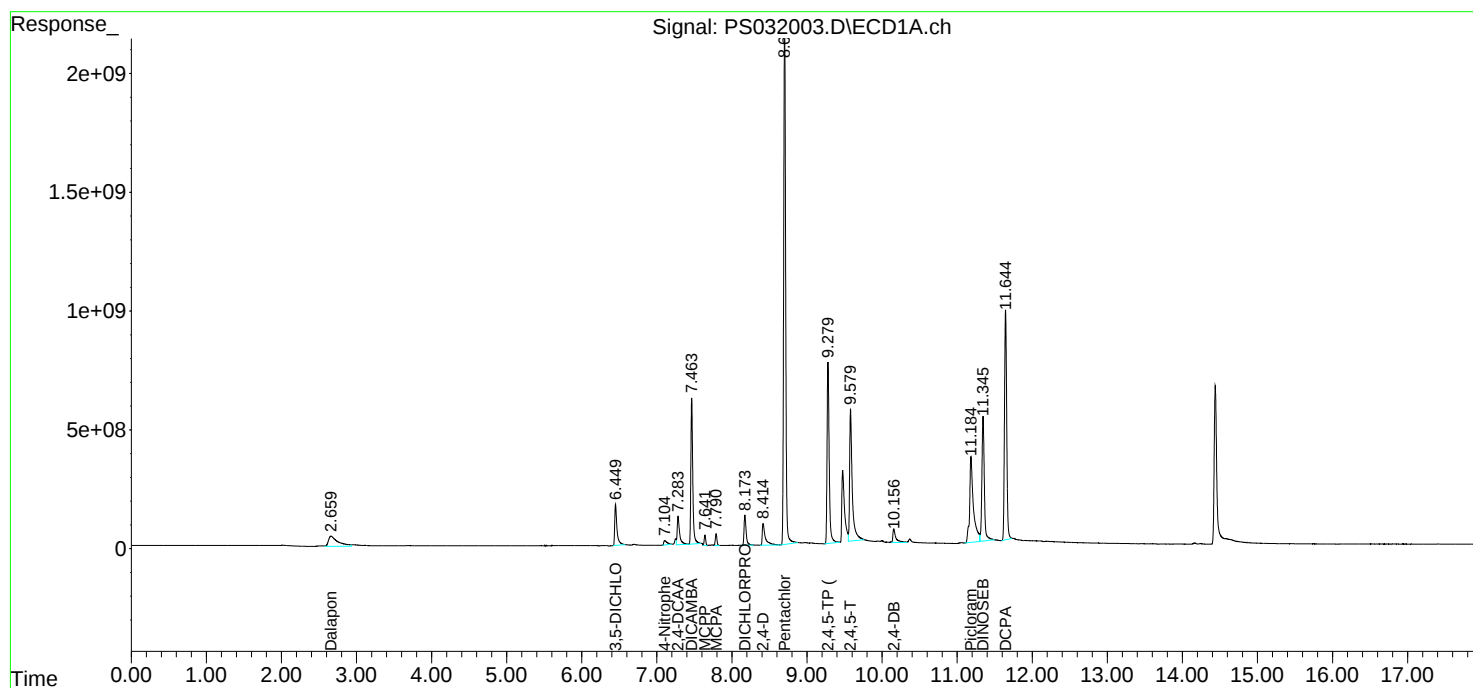
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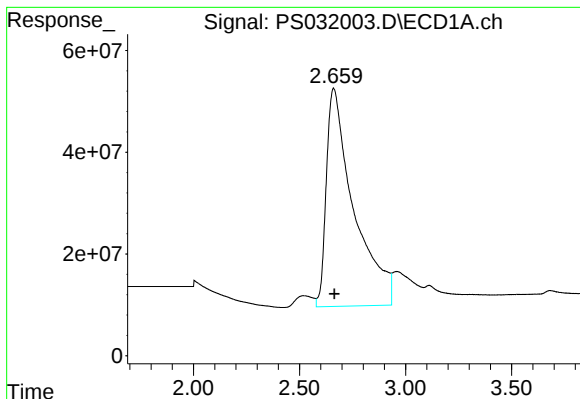
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.660 min
Delta R.T.: -0.005 min
Response: 3843668376
Conc: 497.40 ng/ml

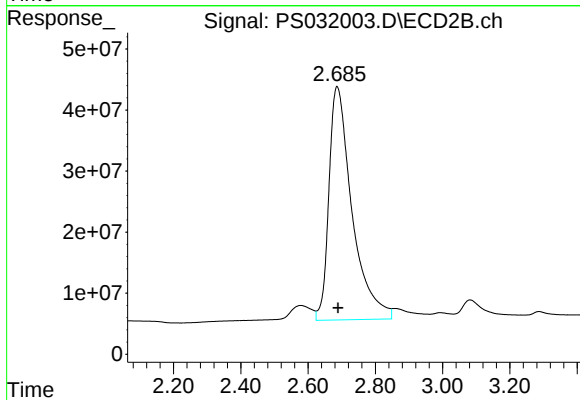
Instrument :

ECD_S

ClientSampleId :
PB170051BS

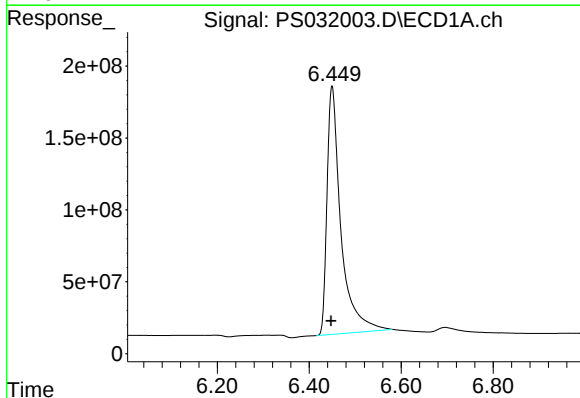
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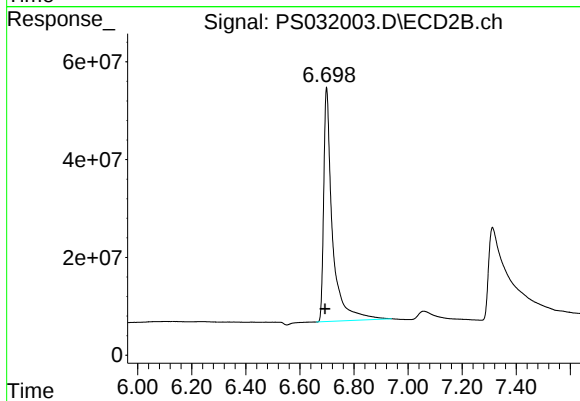
#1 Dalapon

R.T.: 2.686 min
Delta R.T.: -0.003 min
Response: 1820559393
Conc: 484.41 ng/ml



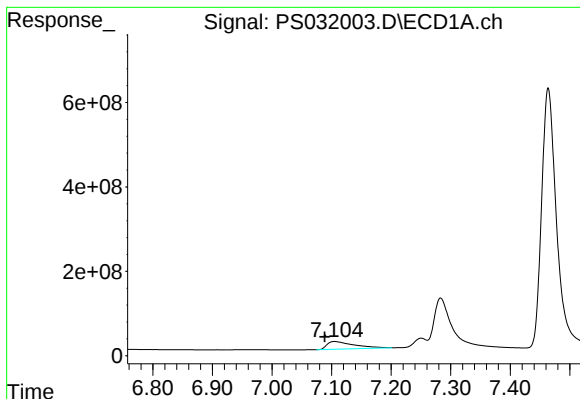
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: 0.002 min
Response: 3620076915
Conc: 514.30 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.699 min
Delta R.T.: 0.005 min
Response: 1077757866
Conc: 516.69 ng/ml



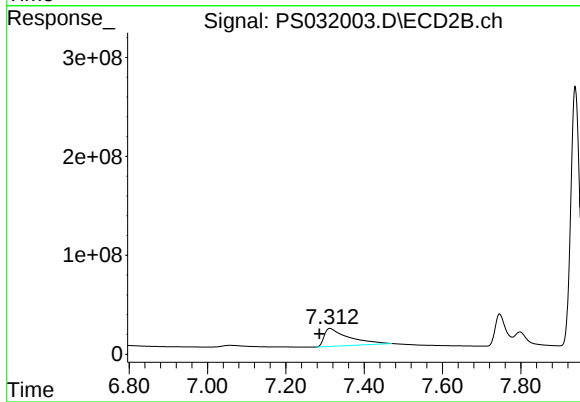
#3 4-Nitrophenol

R.T.: 7.104 min
Delta R.T.: 0.016 min
Response: 573740612
Conc: 429.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170051BS

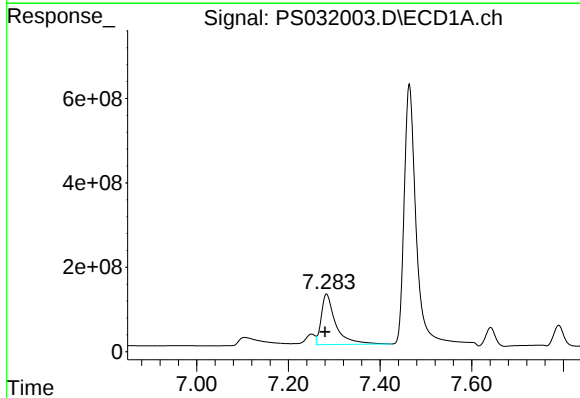
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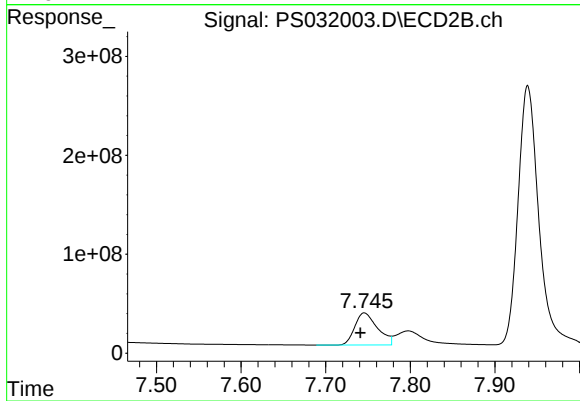
#3 4-Nitrophenol

R.T.: 7.312 min
Delta R.T.: 0.026 min
Response: 788064289
Conc: 519.35 ng/ml m



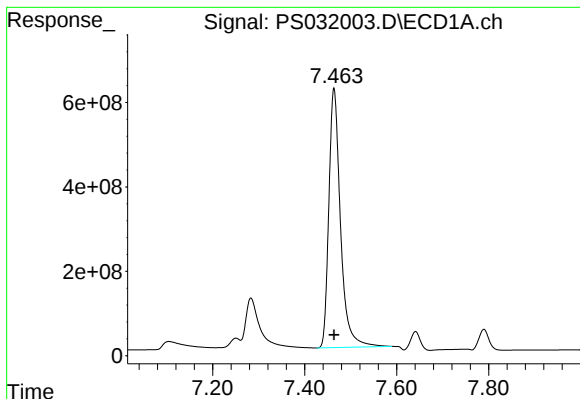
#4 2,4-DCAA

R.T.: 7.283 min
Delta R.T.: 0.003 min
Response: 2626741586
Conc: 551.02 ng/ml



#4 2,4-DCAA

R.T.: 7.746 min
Delta R.T.: 0.005 min
Response: 603269299
Conc: 548.26 ng/ml



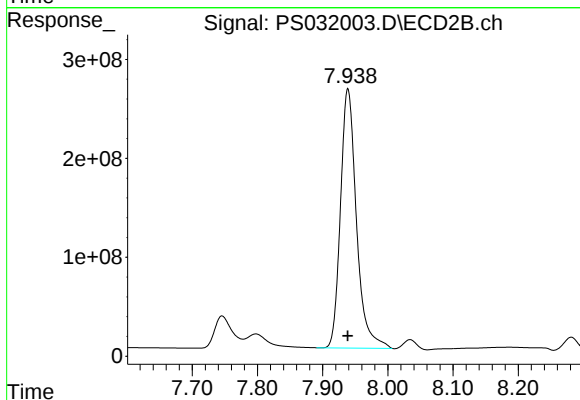
#5 DICAMBA

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 10805847276
Conc: 515.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170051BS

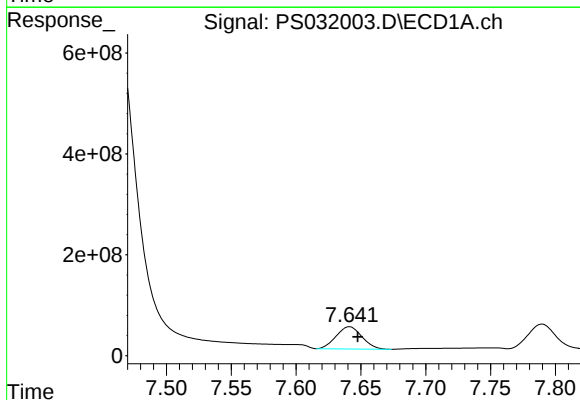
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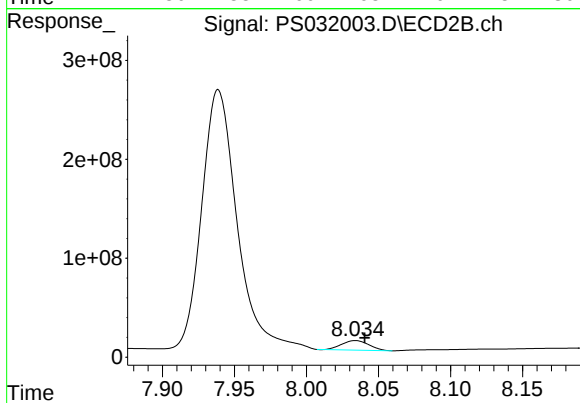
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 4460493767
Conc: 515.02 ng/ml



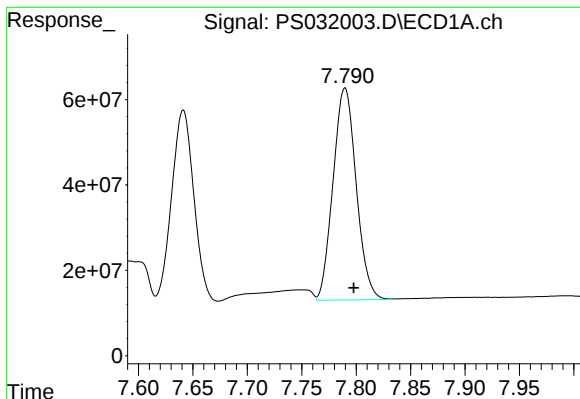
#6 MCP

R.T.: 7.641 min
Delta R.T.: -0.006 min
Response: 608659899
Conc: 49.77 ug/ml



#6 MCP

R.T.: 8.034 min
Delta R.T.: -0.006 min
Response: 124518150
Conc: 50.16 ug/ml



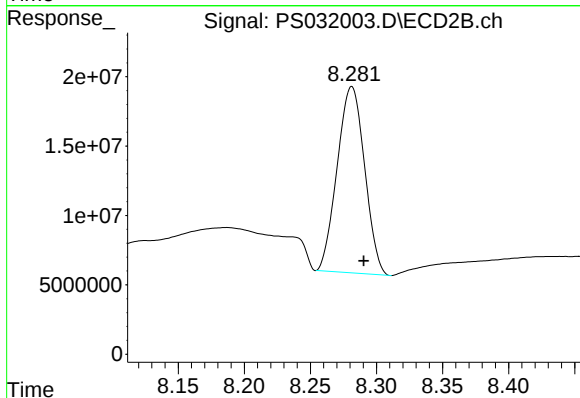
#7 MCPA

R.T.: 7.790 min
Delta R.T.: -0.008 min
Response: 734863670
Conc: 49.94 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB170051BS

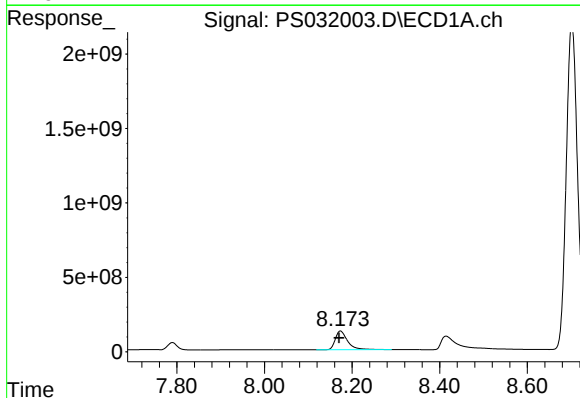
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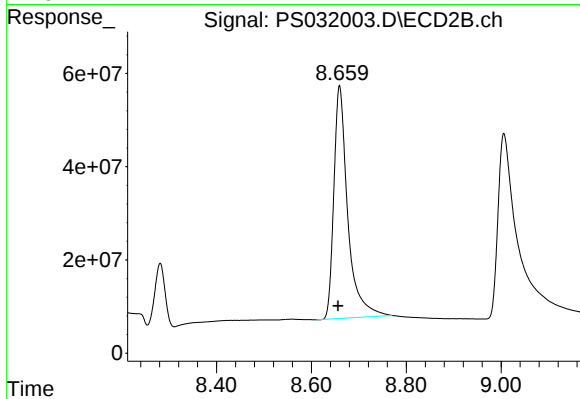
#7 MCPA

R.T.: 8.281 min
Delta R.T.: -0.009 min
Response: 193560623
Conc: 51.31 ug/ml



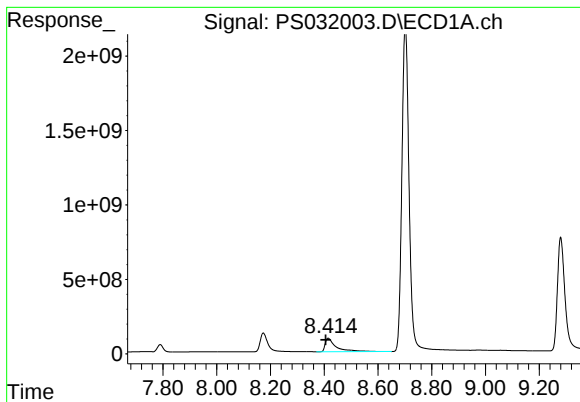
#8 DICHLORPROP

R.T.: 8.173 min
Delta R.T.: 0.003 min
Response: 2446233133
Conc: 514.55 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: 0.003 min
Response: 1012669919
Conc: 517.13 ng/ml



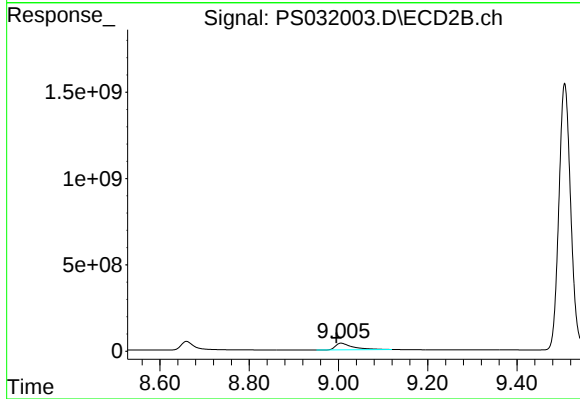
#9 2,4-D

R.T.: 8.415 min
Delta R.T.: 0.008 min
Response: 2566786794
Conc: 528.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170051BS

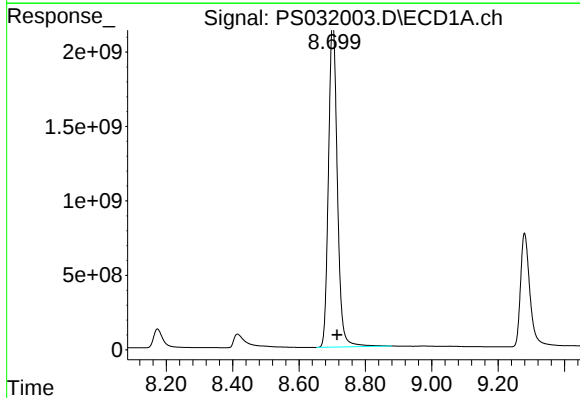
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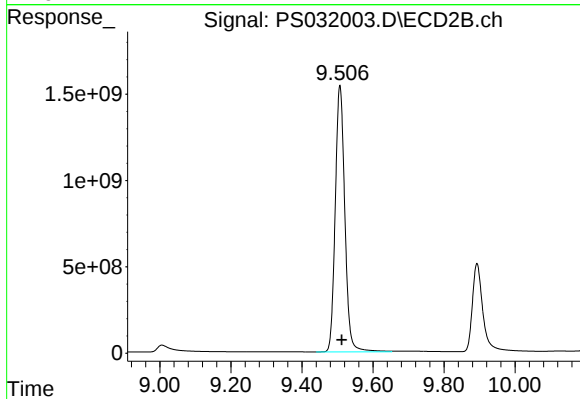
#9 2,4-D

R.T.: 9.006 min
Delta R.T.: 0.010 min
Response: 1032957992
Conc: 497.02 ng/ml



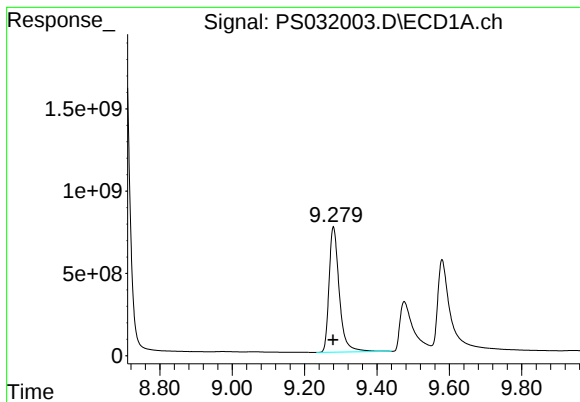
#10 Pentachlorophenol

R.T.: 8.702 min
Delta R.T.: -0.014 min
Response: 40318357710
Conc: 600.70 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.005 min
Response: 28852981622
Conc: 556.75 ng/ml



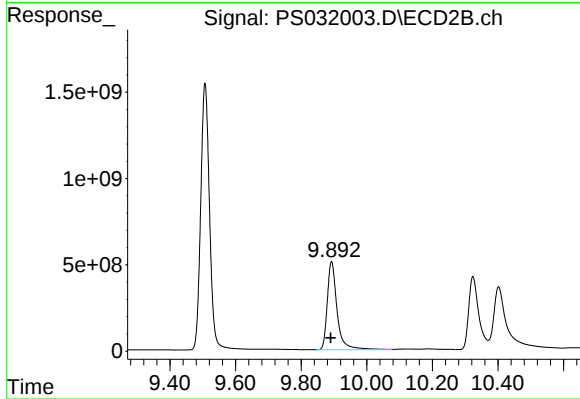
#11 2,4,5-TP (SILVEX)

R.T.: 9.280 min
Delta R.T.: 0.001 min
Response: 14920557958
Conc: 528.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170051BS

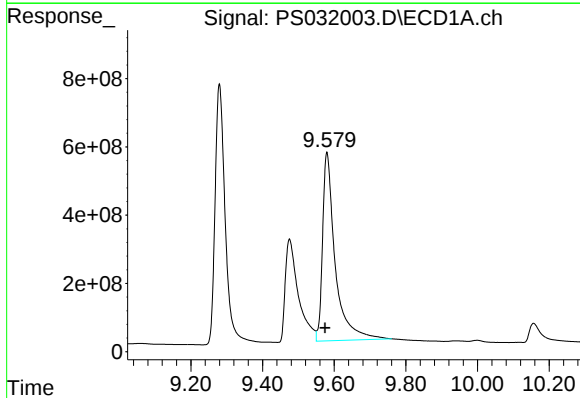
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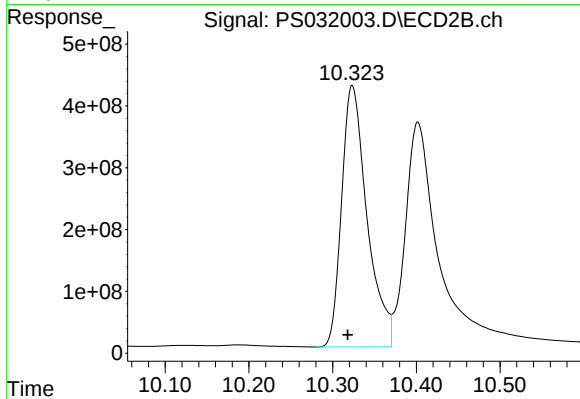
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: 0.003 min
Response: 10572929210
Conc: 526.68 ng/ml



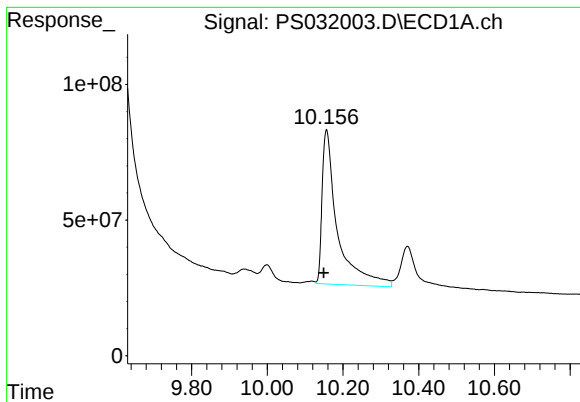
#12 2,4,5-T

R.T.: 9.580 min
Delta R.T.: 0.005 min
Response: 13511311350
Conc: 535.22 ng/ml



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: 0.005 min
Response: 8929724977
Conc: 520.85 ng/ml



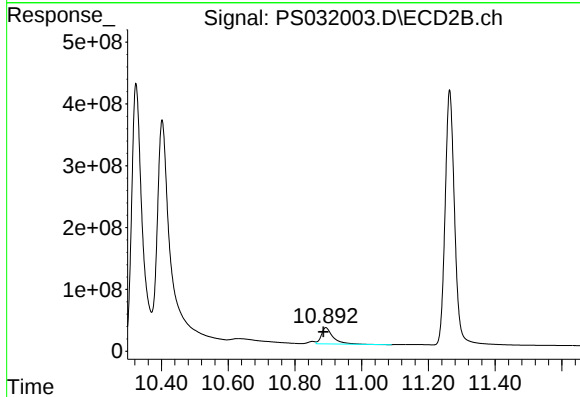
#13 2,4-DB

R.T.: 10.157 min
Delta R.T.: 0.008 min
Response: 1599478860
Conc: 515.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170051BS

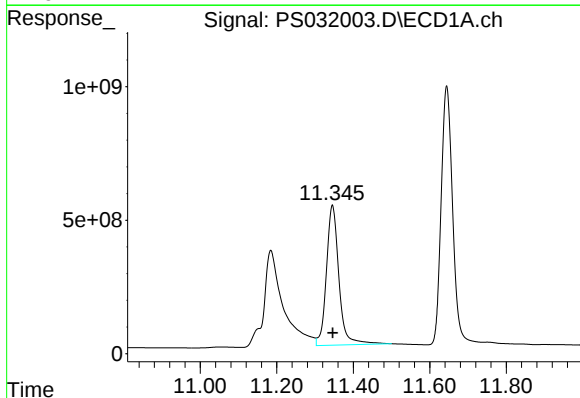
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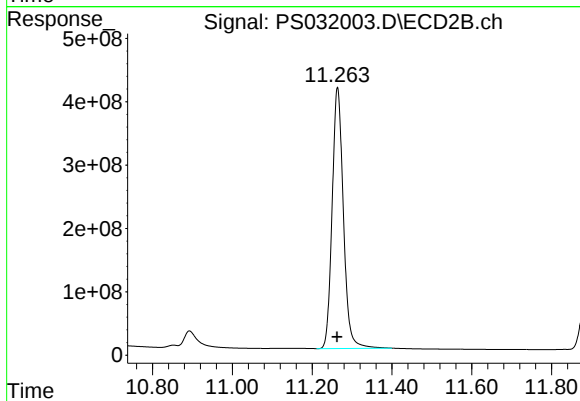
#13 2,4-DB

R.T.: 10.892 min
Delta R.T.: 0.007 min
Response: 632306808
Conc: 489.37 ng/ml



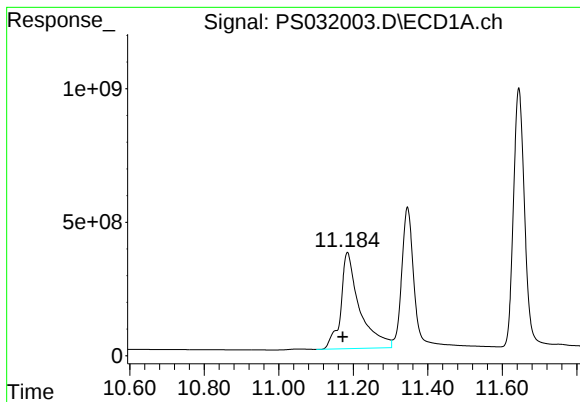
#14 DINOSEB

R.T.: 11.345 min
Delta R.T.: 0.000 min
Response: 11861262809
Conc: 531.87 ng/ml



#14 DINOSEB

R.T.: 11.264 min
Delta R.T.: 0.000 min
Response: 8048955805
Conc: 529.43 ng/ml



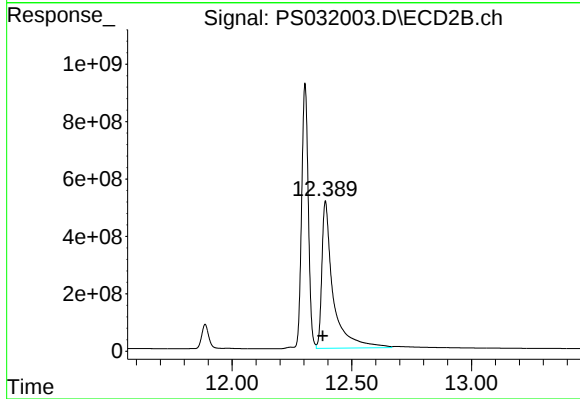
#15 Picloram

R.T.: 11.184 min
Delta R.T.: 0.013 min
Response: 12693152304
Conc: 538.35 ng/ml

Instrument :
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ClientSampleId :
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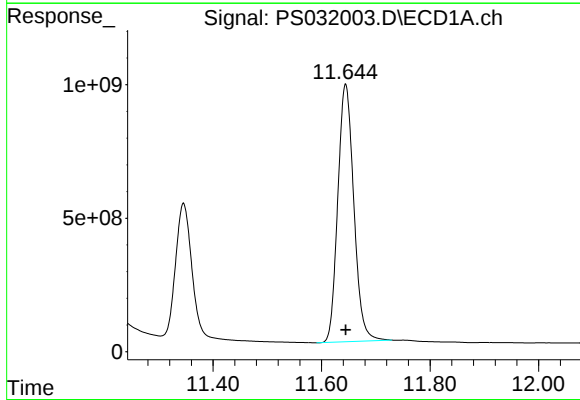
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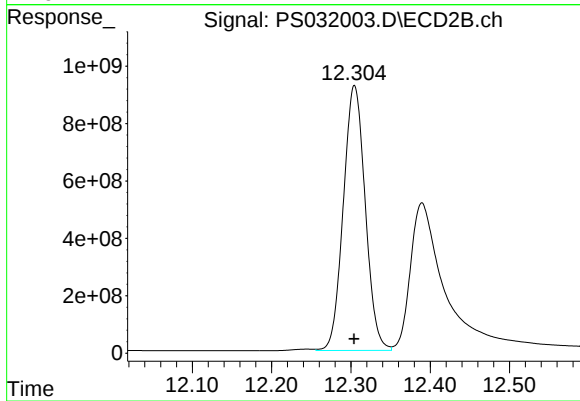
#15 Picloram

R.T.: 12.390 min
Delta R.T.: 0.011 min
Response: 16864208137
Conc: 506.55 ng/ml



#16 DCPA

R.T.: 11.644 min
Delta R.T.: 0.000 min
Response: 19743069410
Conc: 537.37 ng/ml



#16 DCPA

R.T.: 12.304 min
Delta R.T.: 0.000 min
Response: 17738098432
Conc: 534.09 ng/ml