

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100125\
 Data File : PS031916.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2025 17:20
 Operator : AR\AJ
 Sample : PB169931BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169931BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 01:45:00 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	7.742	2021.7E6	482.3E6	561.349	530.668
Target Compounds							
1) T	Dalapon	2.668	2.689	2509.1E6	1251.2E6	434.051	444.059
2) T	3,5-DICHL...	6.450	6.695	2789.2E6	811.2E6	522.968	531.961
3) T	4-Nitroph...	7.096	7.303	614.8E6	618.1E6	557.284	489.453m
5) T	DICAMBA	7.465	7.937	8057.9E6	3274.8E6	516.641	503.281
6) T	MCPD	7.642	8.031	467.3E6	95031975	52.273	50.458
7) T	MCPA	7.791	8.279	584.7E6	142.9E6	52.630	50.999
8) T	DICHLORPROP	8.173	8.656	1868.6E6	776.8E6	524.626	533.860
9) T	2,4-D	8.412	9.001	2027.8E6	823.1E6	591.936	500.351
10) T	Pentachlo...	8.704	9.504	31771.0E6	22116.5E6	598.394	557.222
11) T	2,4,5-TP ...	9.281	9.890	11362.6E6	7804.8E6	541.753	518.444
12) T	2,4,5-T	9.579	10.320	10199.6E6	6728.5E6	557.409	499.999
13) T	2,4-DB	10.155	10.889	1256.8E6	479.5E6	538.766	448.103m
14) T	DINOSEB	11.348	11.262	8202.9E6	5446.5E6	568.752	560.299
15) T	Picloram	11.182	12.388	8708.7E6	10291.5E6	483.519	434.546
16) T	DCPA	11.646	12.302	15280.8E6	13078.8E6	567.009	542.598

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

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Operator : AR\AJ
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Misc :
ALS Vial : 7 Sample Multiplier: 1

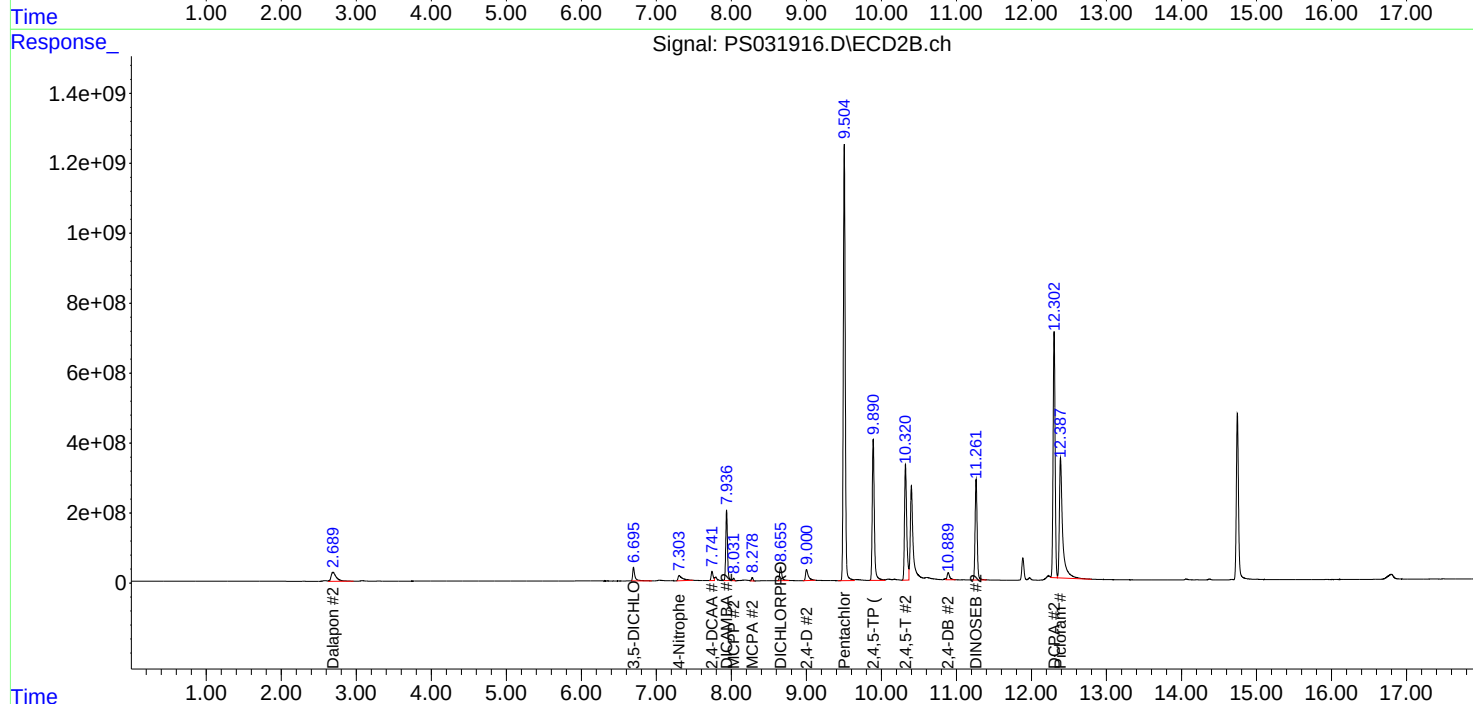
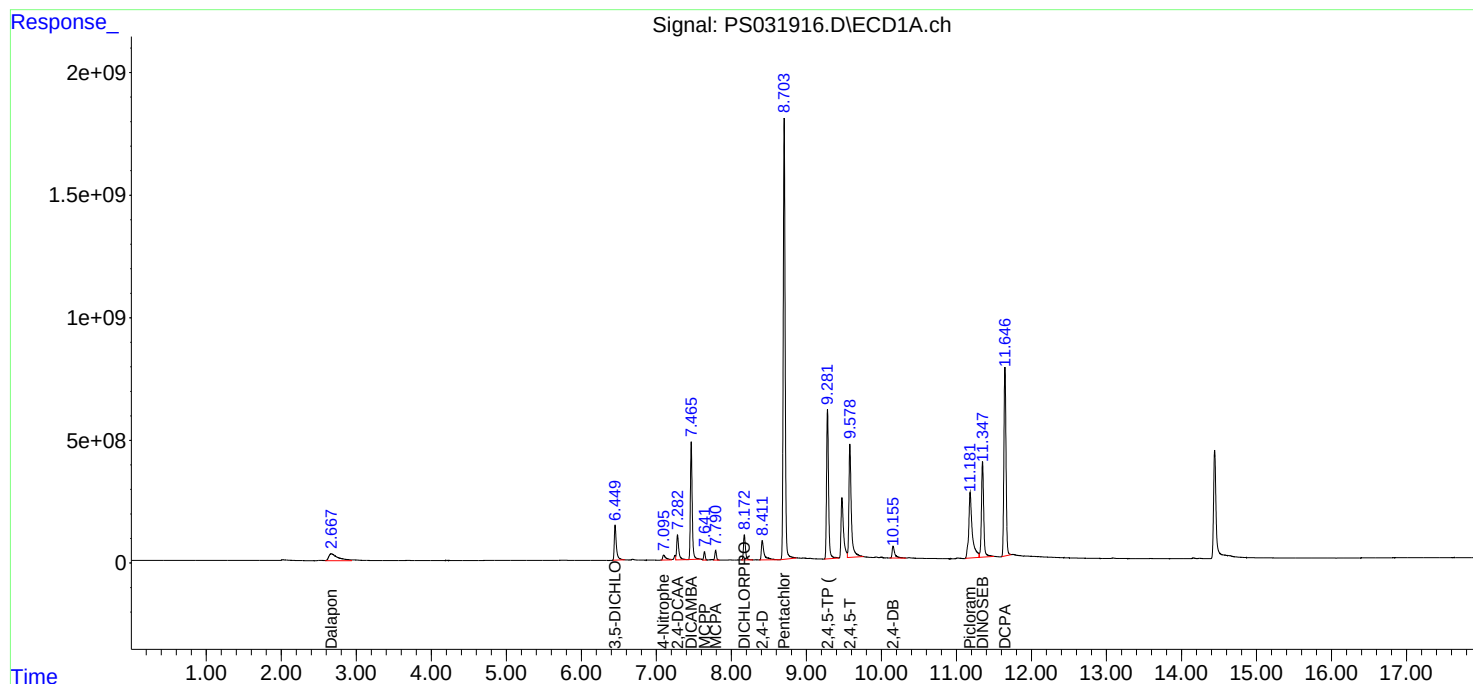
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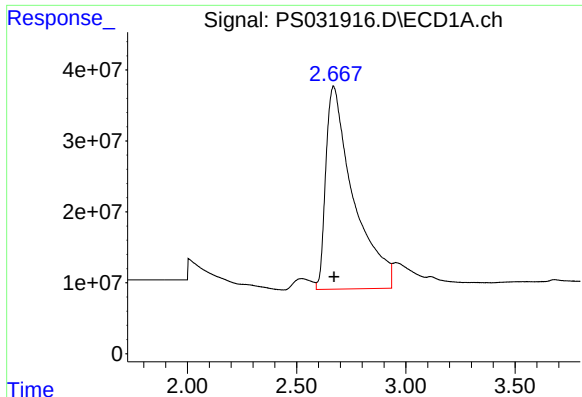
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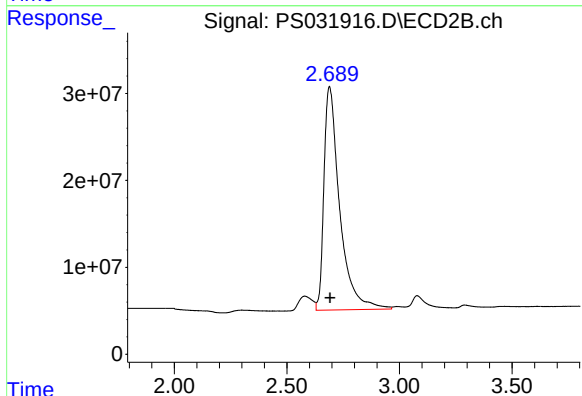
#1 Dalapon

R.T.: 2.668 min
Delta R.T.: -0.003 min
Response: 2509138477
Conc: 434.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169931BS

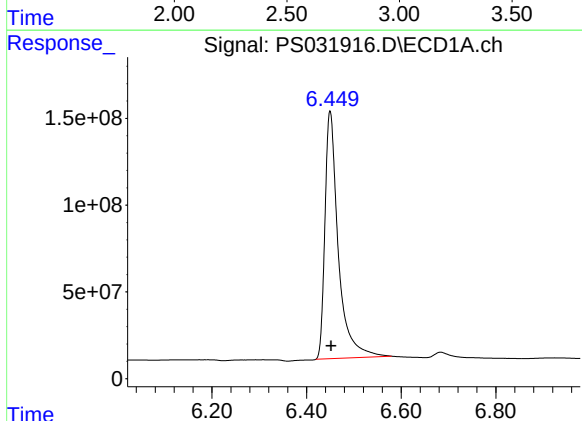
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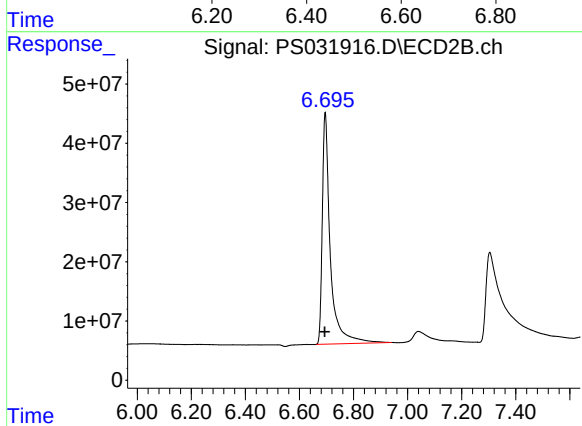
#1 Dalapon

R.T.: 2.689 min
Delta R.T.: -0.003 min
Response: 1251193918
Conc: 444.06 ng/ml



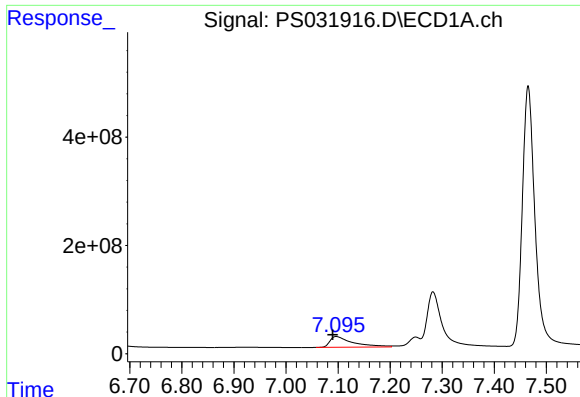
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: -0.002 min
Response: 2789175203
Conc: 522.97 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: 0.002 min
Response: 811222555
Conc: 531.96 ng/ml



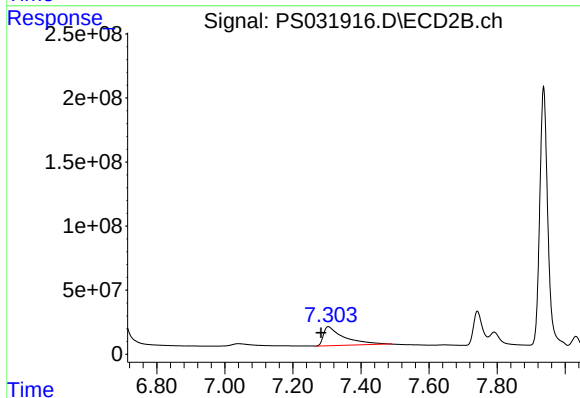
#3 4-Nitrophenol

R.T.: 7.096 min
Delta R.T.: 0.007 min
Response: 614801129
Conc: 557.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169931BS

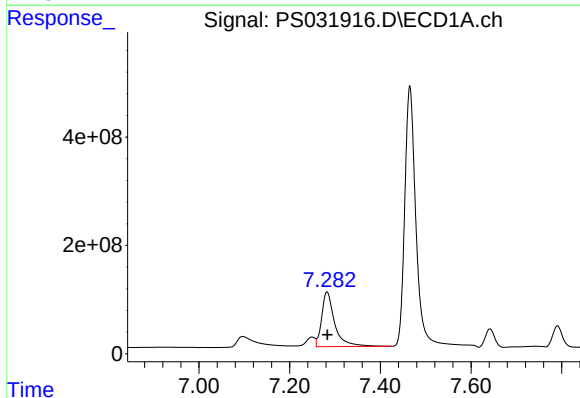
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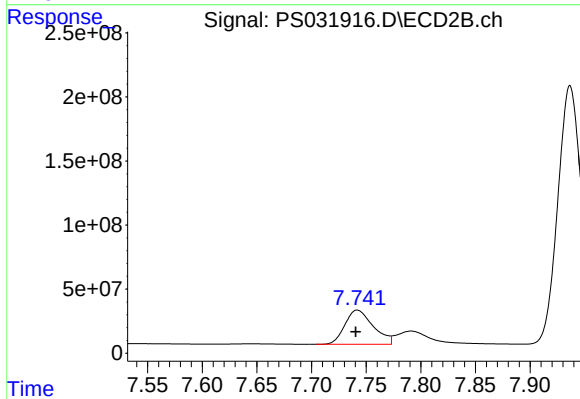
#3 4-Nitrophenol

R.T.: 7.303 min
Delta R.T.: 0.020 min
Response: 618074281
Conc: 489.45 ng/ml m



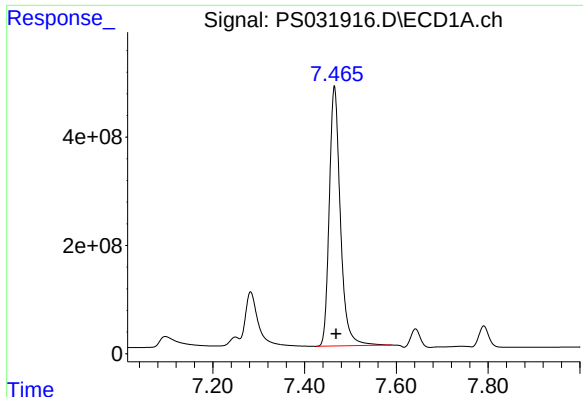
#4 2,4-DCAA

R.T.: 7.282 min
Delta R.T.: 0.000 min
Response: 2021713920
Conc: 561.35 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: 0.001 min
Response: 482323795
Conc: 530.67 ng/ml



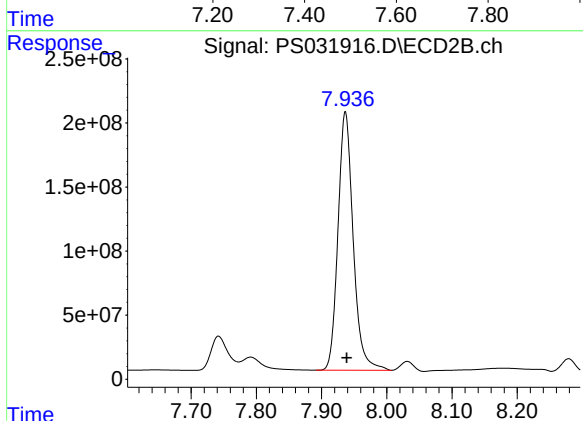
#5 DICAMBA

R.T.: 7.465 min
Delta R.T.: -0.004 min
Response: 8057892494
Conc: 516.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169931BS

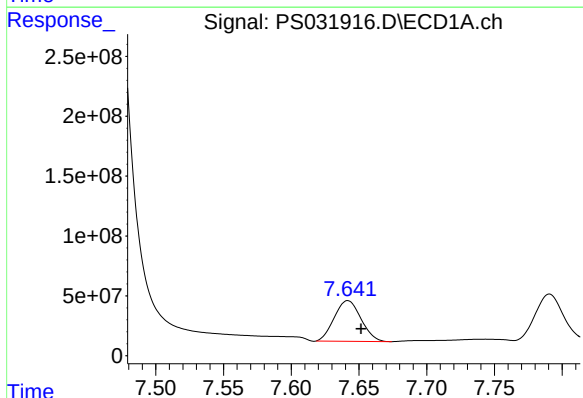
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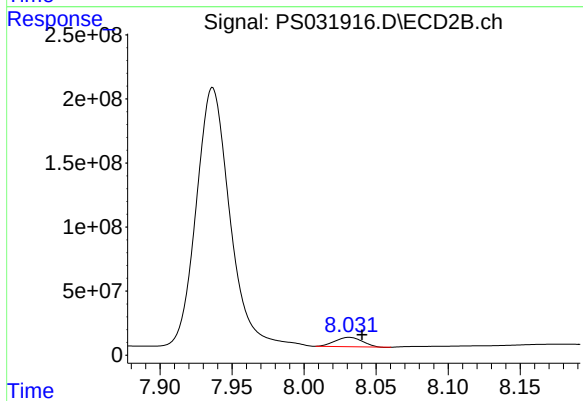
#5 DICAMBA

R.T.: 7.937 min
Delta R.T.: -0.002 min
Response: 3274769871
Conc: 503.28 ng/ml



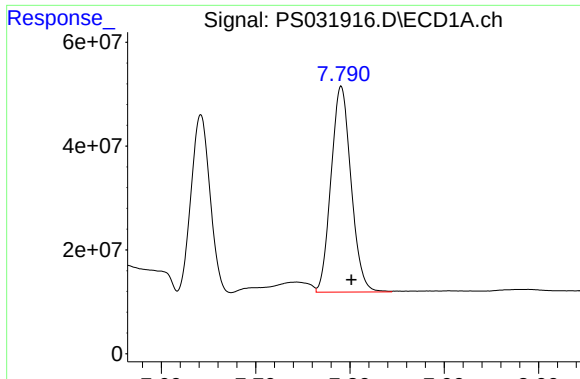
#6 MCP

R.T.: 7.642 min
Delta R.T.: -0.010 min
Response: 467278258
Conc: 52.27 ug/ml



#6 MCP

R.T.: 8.031 min
Delta R.T.: -0.009 min
Response: 95031975
Conc: 50.46 ug/ml



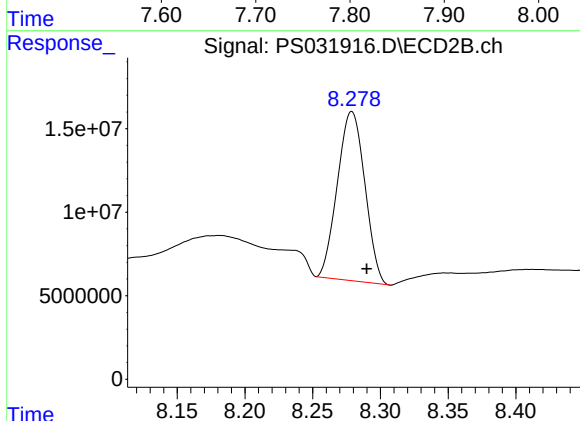
#7 MCPA

R.T.: 7.791 min
Delta R.T.: -0.011 min
Response: 584741157
Conc: 52.63 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169931BS

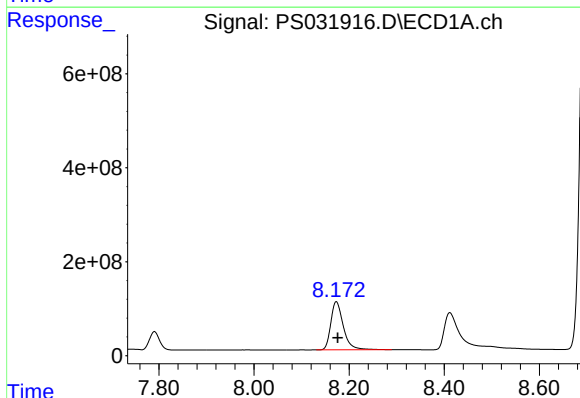
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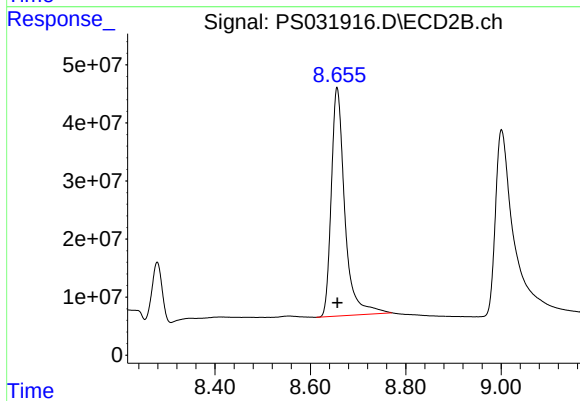
#7 MCPA

R.T.: 8.279 min
Delta R.T.: -0.011 min
Response: 142858564
Conc: 51.00 ug/ml



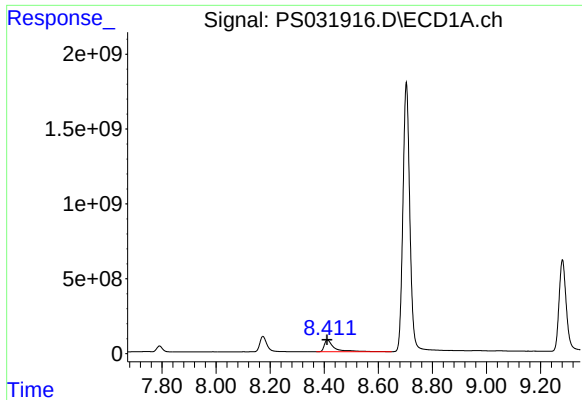
#8 DICHLORPROP

R.T.: 8.173 min
Delta R.T.: -0.003 min
Response: 1868594086
Conc: 524.63 ng/ml



#8 DICHLORPROP

R.T.: 8.656 min
Delta R.T.: 0.000 min
Response: 776798520
Conc: 533.86 ng/ml



#9 2,4-D

R.T.: 8.412 min
Delta R.T.: 0.001 min
Response: 2027760245
Conc: 591.94 ng/ml

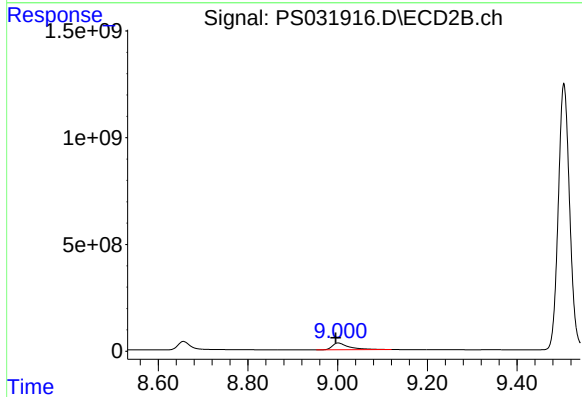
Instrument :

ECD_S

ClientSampleId :
PB169931BS

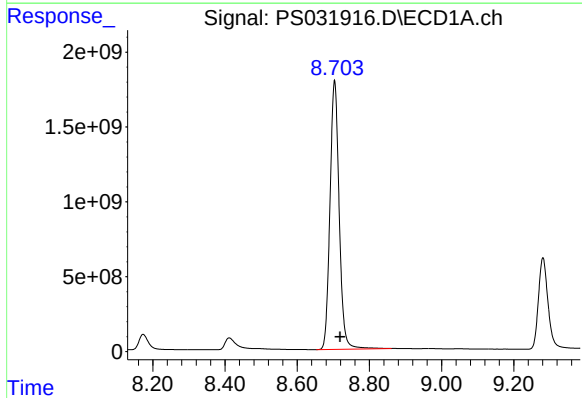
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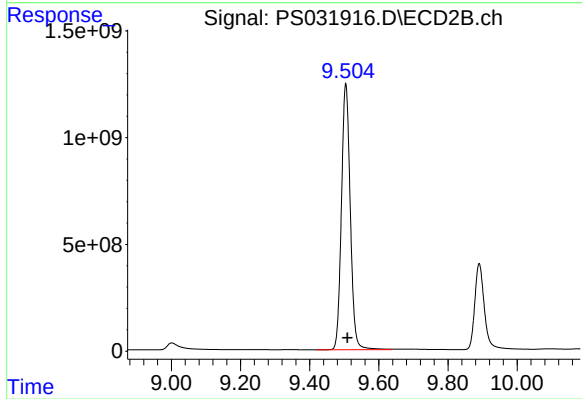
#9 2,4-D

R.T.: 9.001 min
Delta R.T.: 0.005 min
Response: 823132067
Conc: 500.35 ng/ml



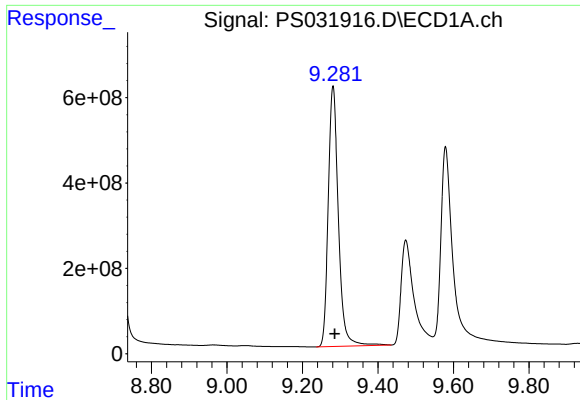
#10 Pentachlorophenol

R.T.: 8.704 min
Delta R.T.: -0.015 min
Response: 31771020106
Conc: 598.39 ng/ml



#10 Pentachlorophenol

R.T.: 9.504 min
Delta R.T.: -0.005 min
Response: 22116454831
Conc: 557.22 ng/ml



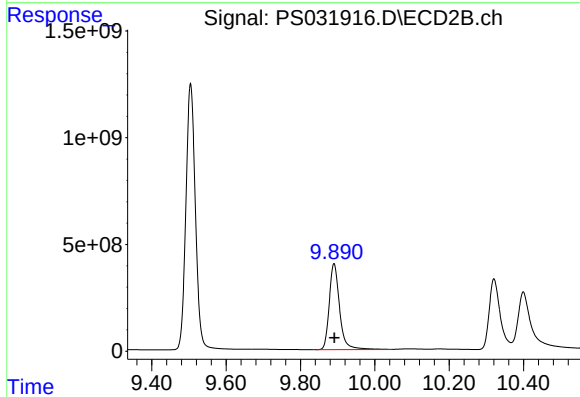
#11 2,4,5-TP (SILVEX)

R.T.: 9.281 min
Delta R.T.: -0.004 min
Response: 11362554070
Conc: 541.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169931BS

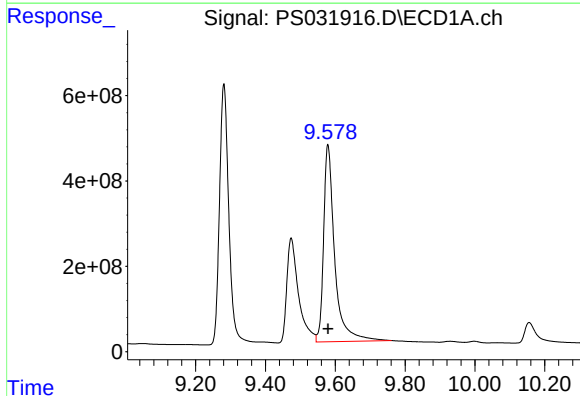
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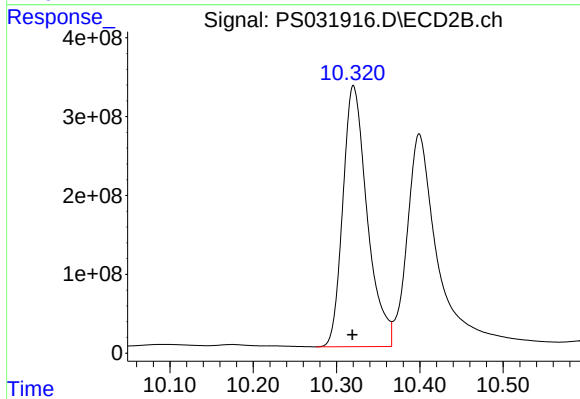
#11 2,4,5-TP (SILVEX)

R.T.: 9.890 min
Delta R.T.: -0.002 min
Response: 7804827088
Conc: 518.44 ng/ml



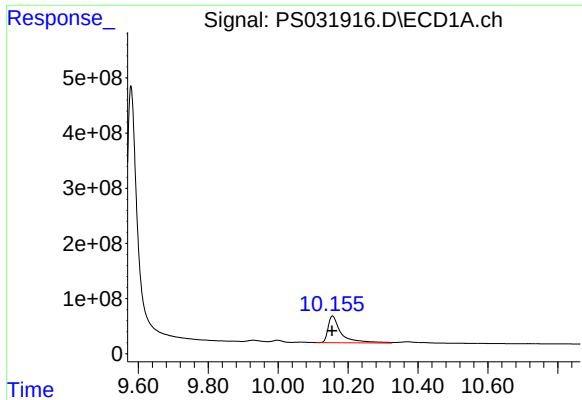
#12 2,4,5-T

R.T.: 9.579 min
Delta R.T.: 0.000 min
Response: 10199574711
Conc: 557.41 ng/ml



#12 2,4,5-T

R.T.: 10.320 min
Delta R.T.: 0.001 min
Response: 6728492126
Conc: 500.00 ng/ml



#13 2,4-DB

R.T.: 10.155 min
Delta R.T.: 0.000 min
Response: 1256814146
Conc: 538.77 ng/ml

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#13 2,4-DB

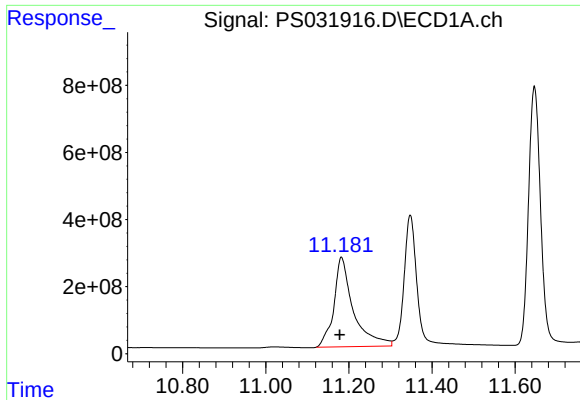
R.T.: 10.889 min
Delta R.T.: 0.003 min
Response: 479490477
Conc: 448.10 ng/ml m

#14 DINOSEB

R.T.: 11.348 min
Delta R.T.: -0.007 min
Response: 8202931375
Conc: 568.75 ng/ml

#14 DINOSEB

R.T.: 11.262 min
Delta R.T.: -0.003 min
Response: 5446483369
Conc: 560.30 ng/ml



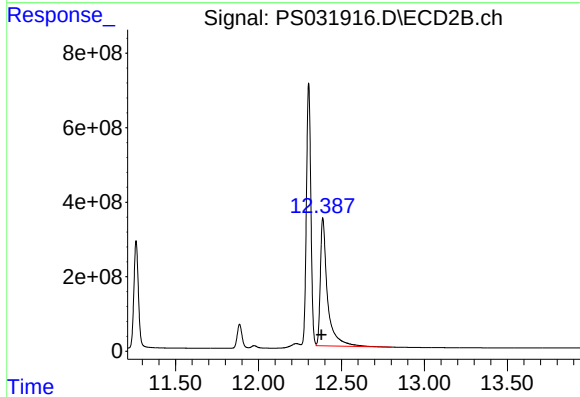
#15 Picloram

R.T.: 11.182 min
Delta R.T.: 0.004 min
Response: 8708695394
Conc: 483.52 ng/ml

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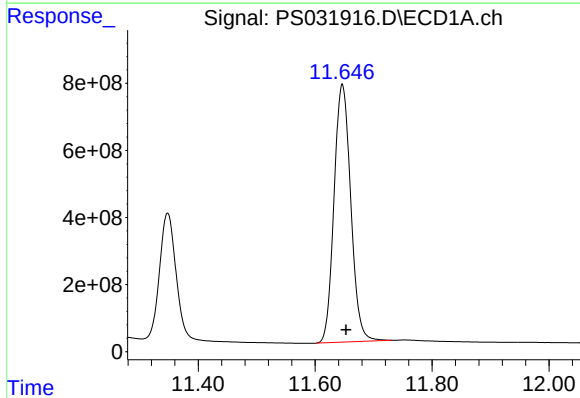
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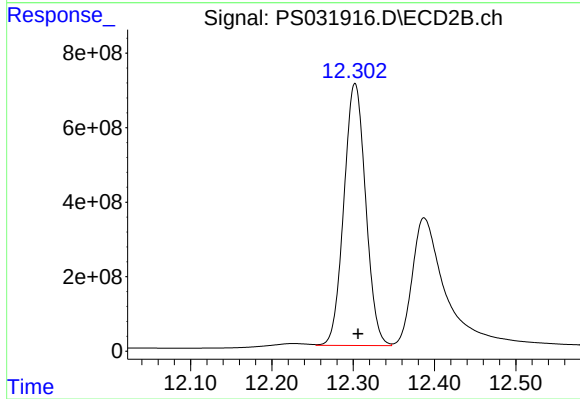
#15 Picloram

R.T.: 12.388 min
Delta R.T.: 0.008 min
Response: 10291452811
Conc: 434.55 ng/ml



#16 DCPA

R.T.: 11.646 min
Delta R.T.: -0.006 min
Response: 15280833509
Conc: 567.01 ng/ml



#16 DCPA

R.T.: 12.302 min
Delta R.T.: -0.004 min
Response: 13078829097
Conc: 542.60 ng/ml