

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041125\
 Data File : PS029803.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2025 12:17
 Operator : AR\AJ
 Sample : PB167558BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167558BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/14/2025
 Supervised By :mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 00:02:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.956	7.496	1166.6E6	377.6E6	572.192	554.024
Target Compounds							
1) T	Dalapon	2.454	2.530	1673.4E6	741.7E6	493.286	467.178
2) T	3,5-DICHL...	6.158	6.487	1670.1E6	487.9E6	555.254	505.291
3) T	4-Nitroph...	6.747	7.029	781.5E6	343.7E6	556.319	484.731
5) T	DICAMBA	7.133	7.684	4569.5E6	1918.6E6	549.093	519.476
6) T	MCPD	7.310	7.790	272.0E6	78696821	50.188	46.608
7) T	MCPA	7.453	8.020	361.8E6	112.6E6	49.767	49.473m
8) T	DICHLORPROP	7.814	8.379	1201.1E6	518.7E6	546.106	536.910
9) T	2,4-D	8.036	8.694	1274.0E6	551.9E6	528.715	511.710
10) T	Pentachlo...	8.314	9.195	16264.6E6	9975.6E6	534.931	556.434
11) T	2,4,5-TP ...	8.880	9.574	6394.3E6	3971.2E6	550.506	550.562
12) T	2,4,5-T	9.162	9.979	6454.9E6	3738.9E6	561.079	557.810
13) T	2,4-DB	9.721	10.537	1039.2E6	387.2E6	571.996	521.804
14) T	DINOSEB	10.886	10.910	4446.3E6	2603.2E6	526.684	509.155
15) T	Picloram	10.703	11.942	8061.0E6	5367.9E6	520.052	453.966m
16) T	DCPA	11.186	11.938	7860.9E6	5092.4E6	562.854	575.372m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041125\
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Acq On : 11 Apr 2025 12:17
Operator : AR\AJ
Sample : PB167558BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

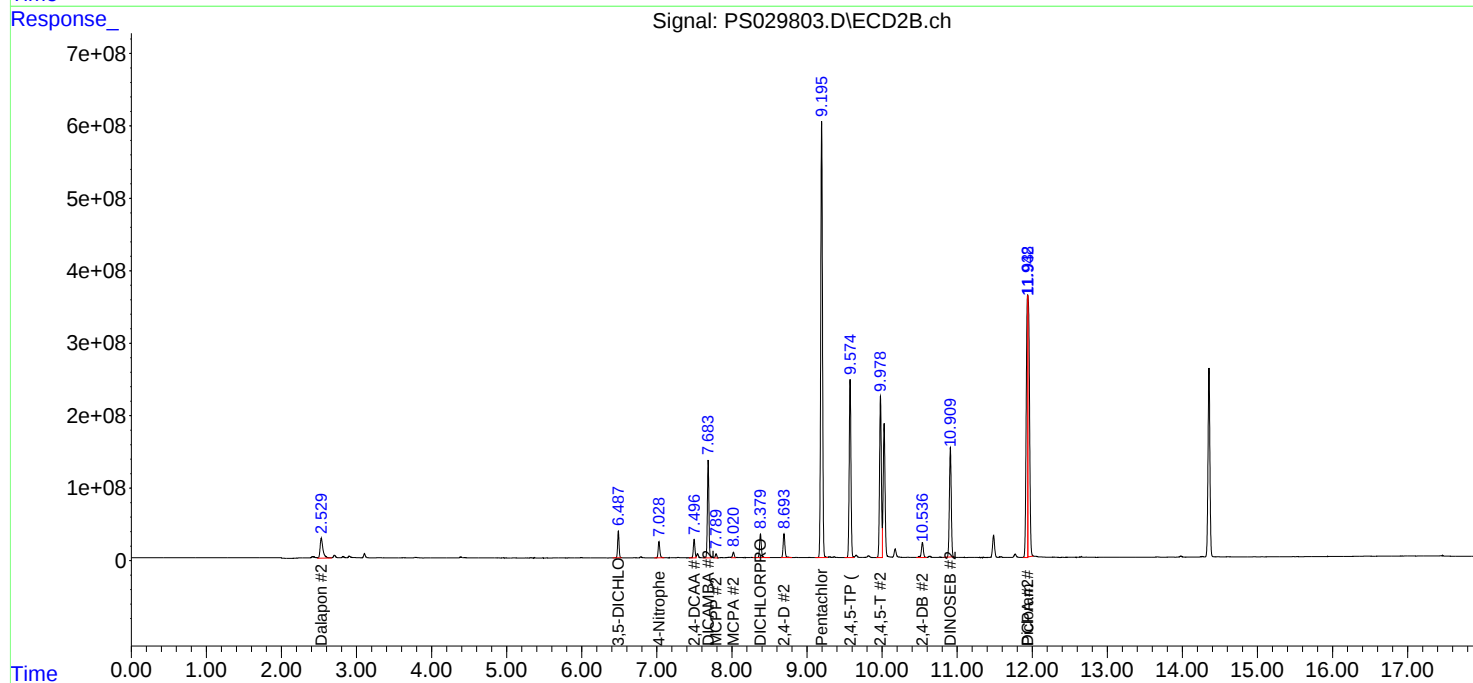
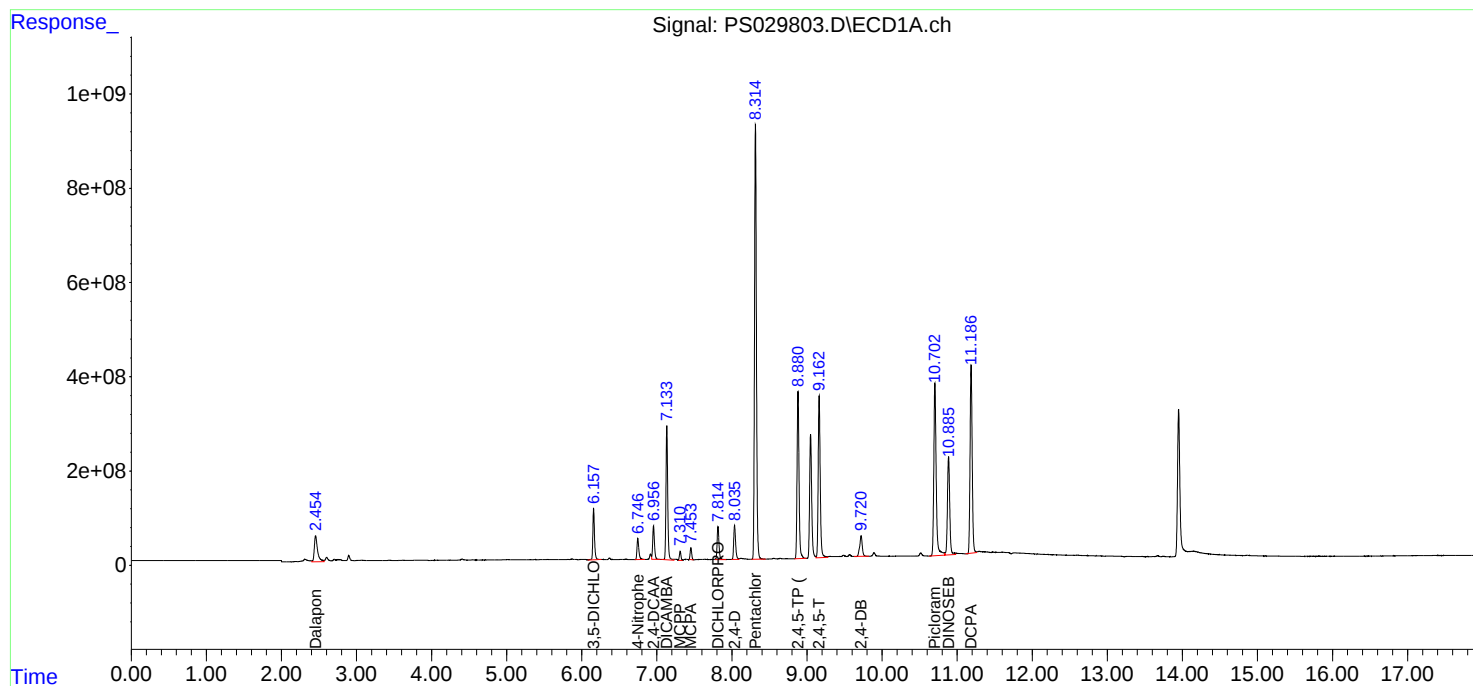
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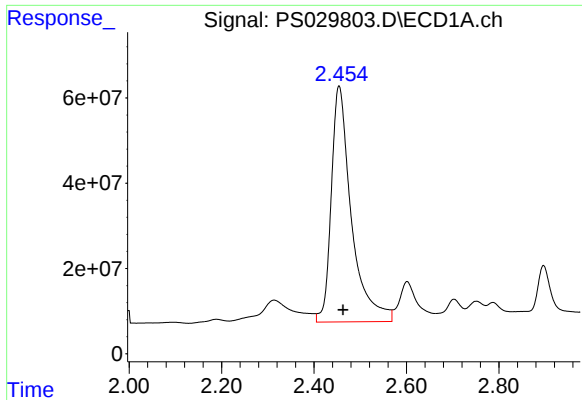
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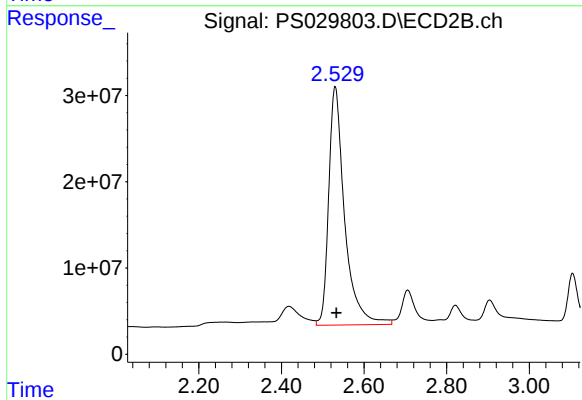
#1 Dalapon

R.T.: 2.454 min
Delta R.T.: -0.009 min
Response: 1673421343
Conc: 493.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167558BS

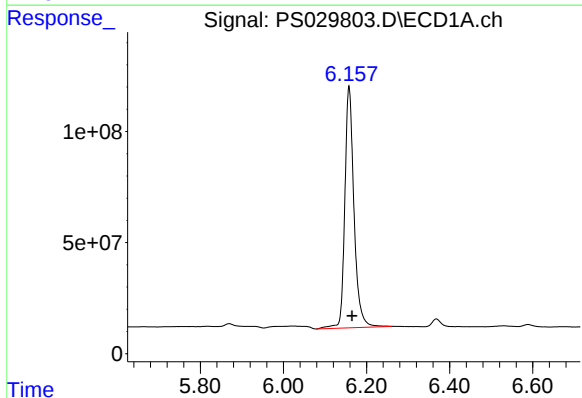
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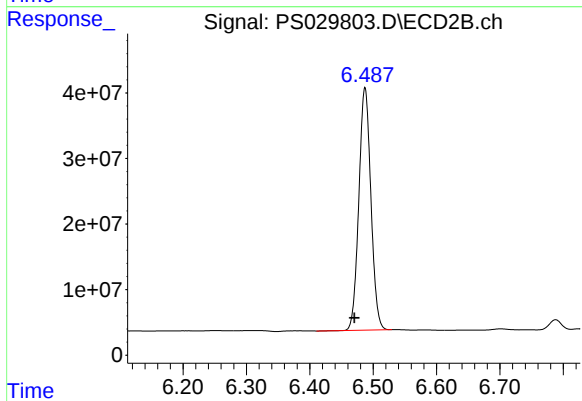
#1 Dalapon

R.T.: 2.530 min
Delta R.T.: -0.003 min
Response: 741689063
Conc: 467.18 ng/ml



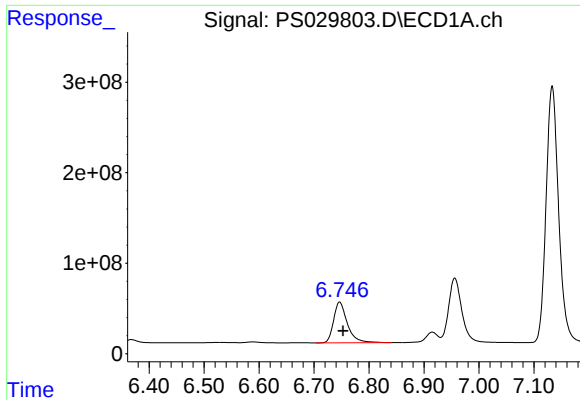
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.158 min
Delta R.T.: -0.007 min
Response: 1670071619
Conc: 555.25 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.487 min
Delta R.T.: 0.017 min
Response: 487887062
Conc: 505.29 ng/ml



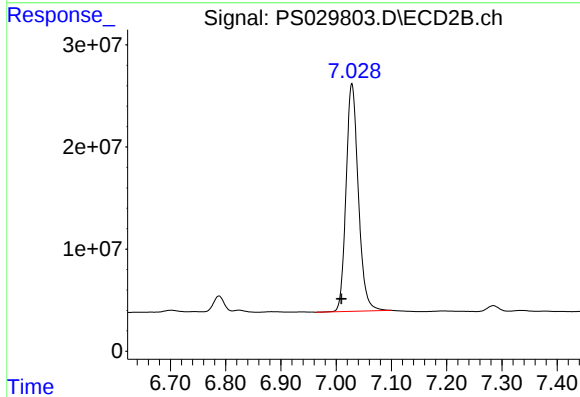
#3 4-Nitrophenol

R.T.: 6.747 min
Delta R.T.: -0.007 min
Response: 781515957
Conc: 556.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167558BS

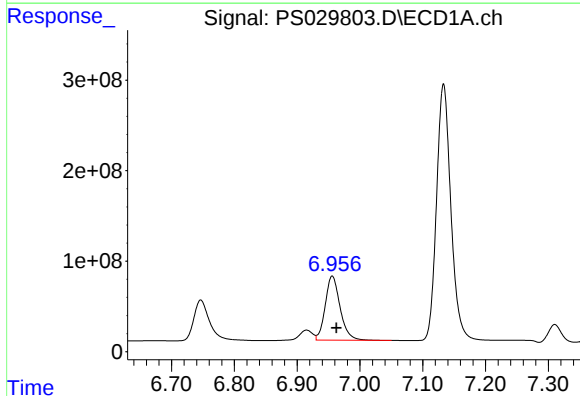
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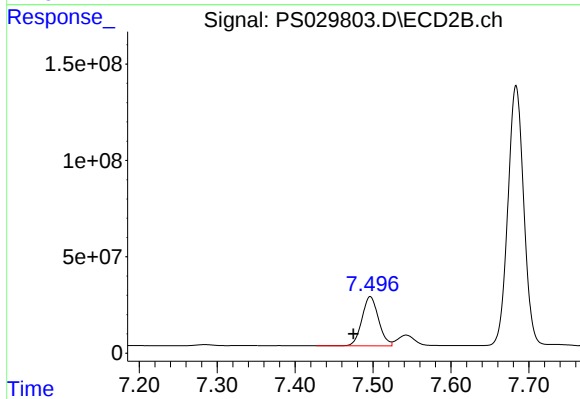
#3 4-Nitrophenol

R.T.: 7.029 min
Delta R.T.: 0.019 min
Response: 343673233
Conc: 484.73 ng/ml



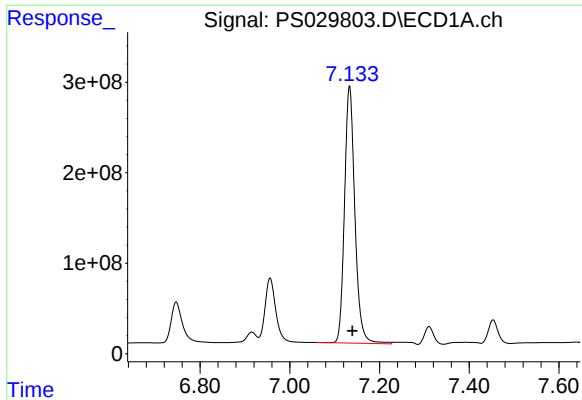
#4 2,4-DCAA

R.T.: 6.956 min
Delta R.T.: -0.007 min
Response: 1166601459
Conc: 572.19 ng/ml



#4 2,4-DCAA

R.T.: 7.496 min
Delta R.T.: 0.022 min
Response: 377574801
Conc: 554.02 ng/ml



#5 DICAMBA

R.T.: 7.133 min
Delta R.T.: -0.007 min
Response: 4569518267
Conc: 549.09 ng/ml

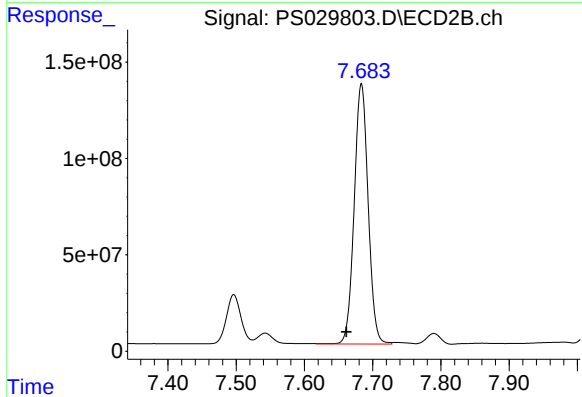
Instrument :

ECD_S

ClientSampleId :
PB167558BS

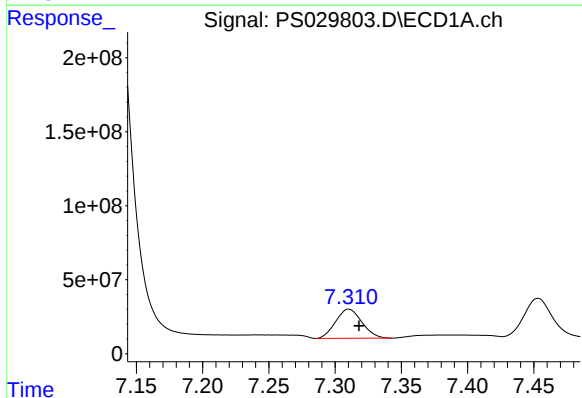
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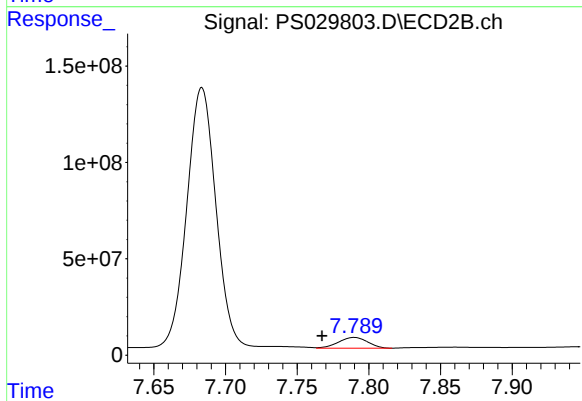
#5 DICAMBA

R.T.: 7.684 min
Delta R.T.: 0.022 min
Response: 1918617617
Conc: 519.48 ng/ml



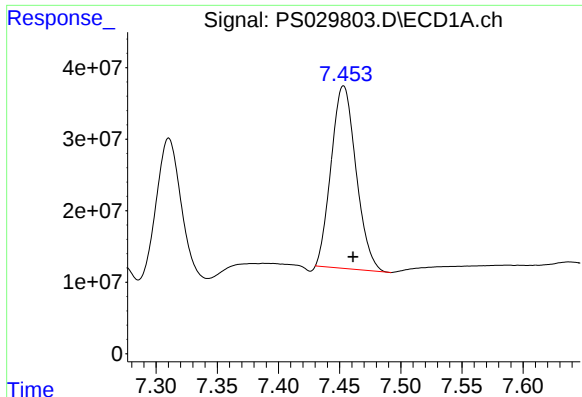
#6 MCP

R.T.: 7.310 min
Delta R.T.: -0.008 min
Response: 272014209
Conc: 50.19 ug/ml



#6 MCP

R.T.: 7.790 min
Delta R.T.: 0.022 min
Response: 78696821
Conc: 46.61 ug/ml



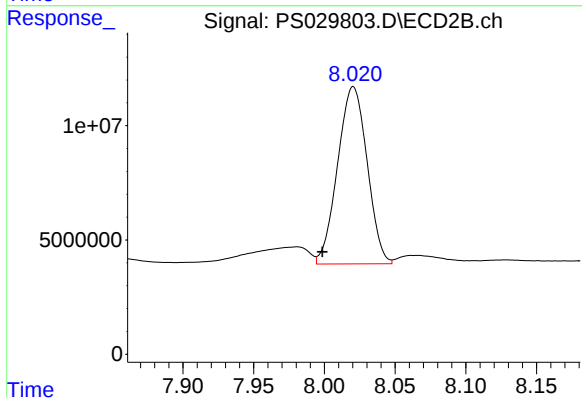
#7 MCPA

R.T.: 7.453 min
Delta R.T.: -0.008 min
Response: 361758588
Conc: 49.77 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167558BS

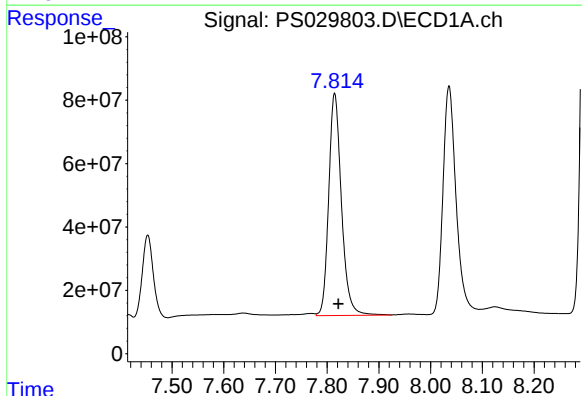
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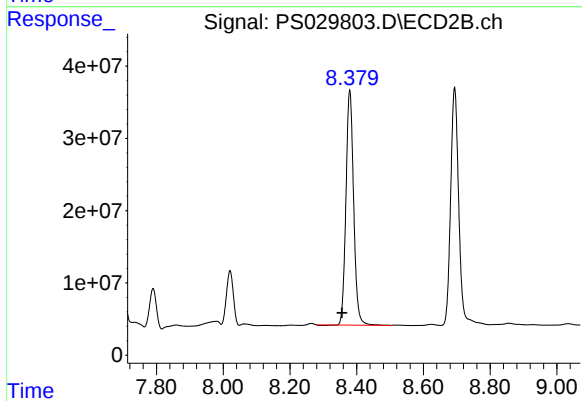
#7 MCPA

R.T.: 8.020 min
Delta R.T.: 0.021 min
Response: 112564690
Conc: 49.47 ug/ml m



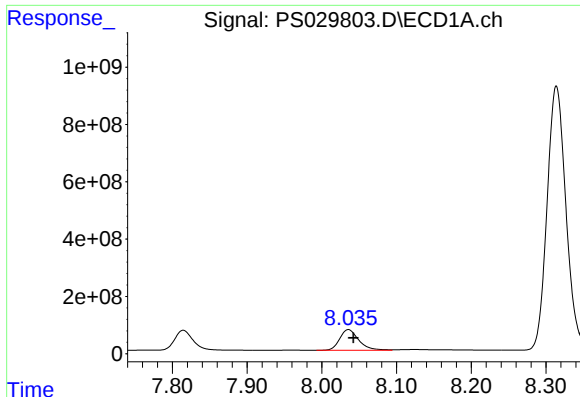
#8 DICHLORPROP

R.T.: 7.814 min
Delta R.T.: -0.007 min
Response: 1201125757
Conc: 546.11 ng/ml



#8 DICHLORPROP

R.T.: 8.379 min
Delta R.T.: 0.023 min
Response: 518736816
Conc: 536.91 ng/ml



#9 2,4-D

R.T.: 8.036 min
Delta R.T.: -0.007 min
Response: 1273985801
Conc: 528.71 ng/ml

Instrument :

ECD_S

ClientSampleId :

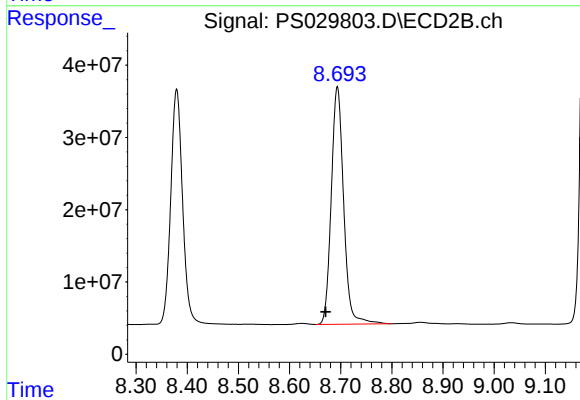
PB167558BS

Manual Integrations

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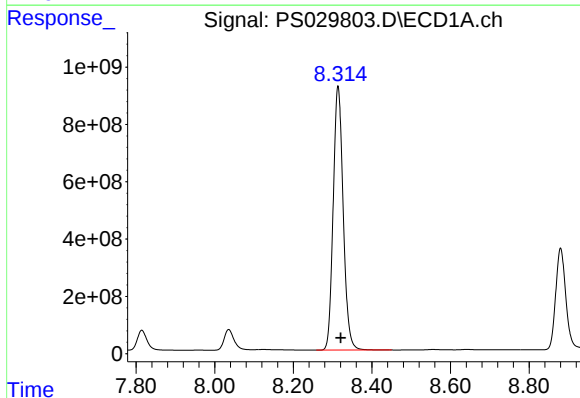
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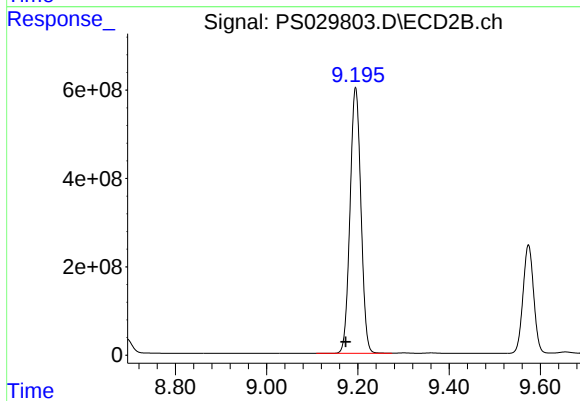
#9 2,4-D

R.T.: 8.694 min
Delta R.T.: 0.023 min
Response: 551861171
Conc: 511.71 ng/ml



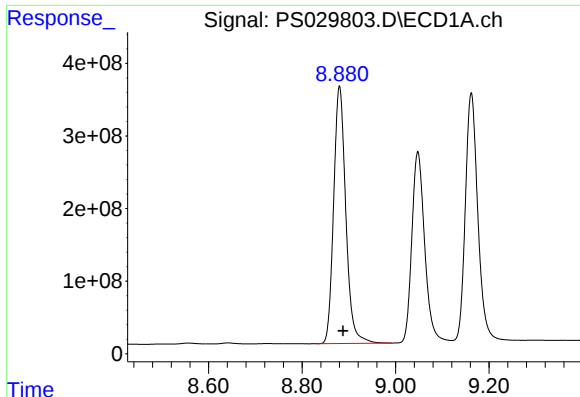
#10 Pentachlorophenol

R.T.: 8.314 min
Delta R.T.: -0.007 min
Response: 16264564416
Conc: 534.93 ng/ml



#10 Pentachlorophenol

R.T.: 9.195 min
Delta R.T.: 0.022 min
Response: 9975598294
Conc: 556.43 ng/ml



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

R.T.: 8.880 min
Delta R.T.: -0.008 min
Response: 6394319034
Conc: 550.51 ng/ml

Instrument :

ECD_S

ClientSampleId :

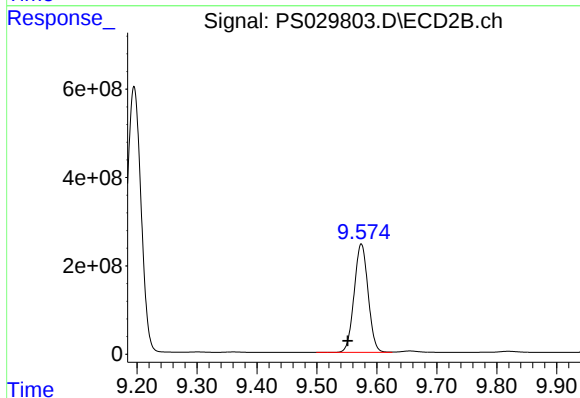
PB167558BS

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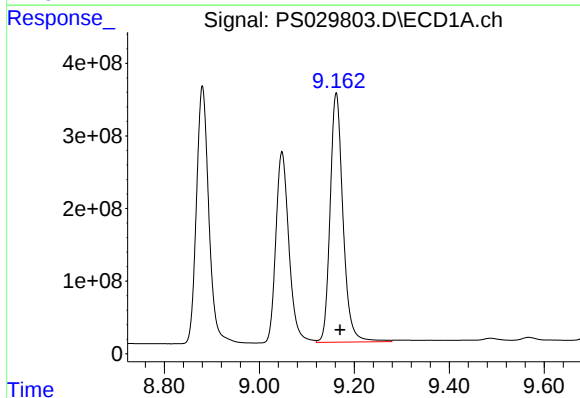
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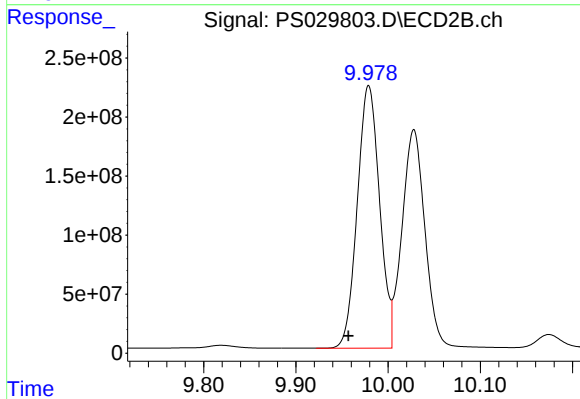
#11 2,4,5-TP (SILVEX)

R.T.: 9.574 min
Delta R.T.: 0.023 min
Response: 3971177944
Conc: 550.56 ng/ml



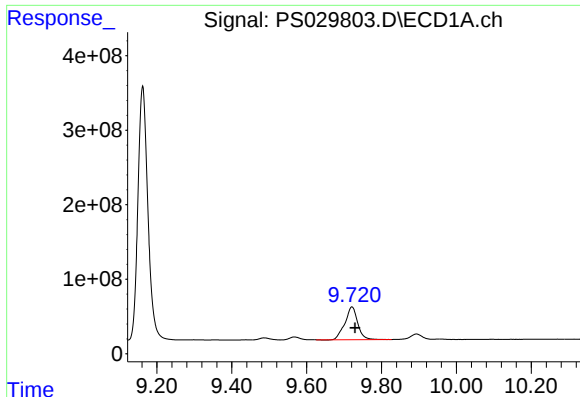
#12 2,4,5-T

R.T.: 9.162 min
Delta R.T.: -0.008 min
Response: 6454888785
Conc: 561.08 ng/ml



#12 2,4,5-T

R.T.: 9.979 min
Delta R.T.: 0.022 min
Response: 3738909718
Conc: 557.81 ng/ml



#13 2,4-DB

R.T.: 9.721 min
Delta R.T.: -0.008 min
Response: 1039170198
Conc: 572.00 ng/ml

Instrument :

ECD_S

ClientSampleId :

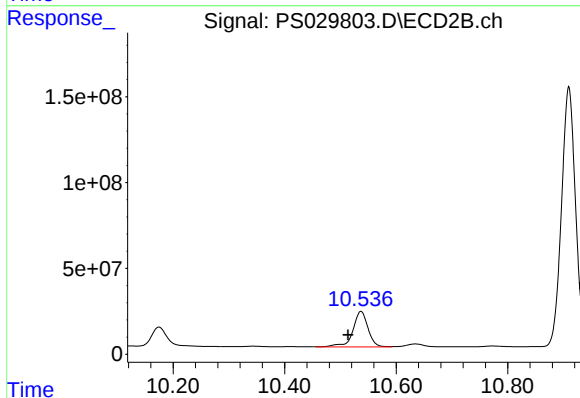
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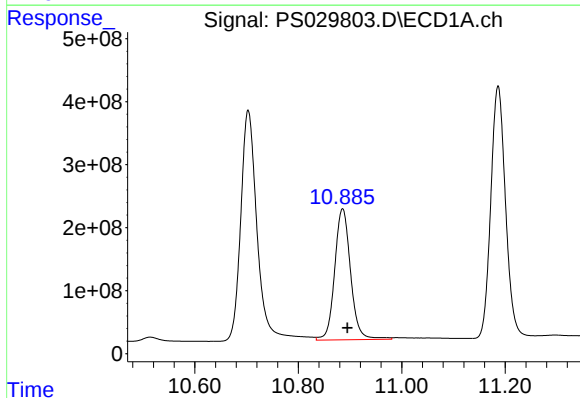
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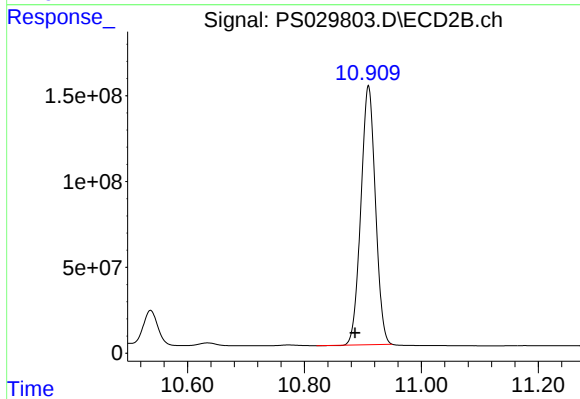
#13 2,4-DB

R.T.: 10.537 min
Delta R.T.: 0.023 min
Response: 387165325
Conc: 521.80 ng/ml



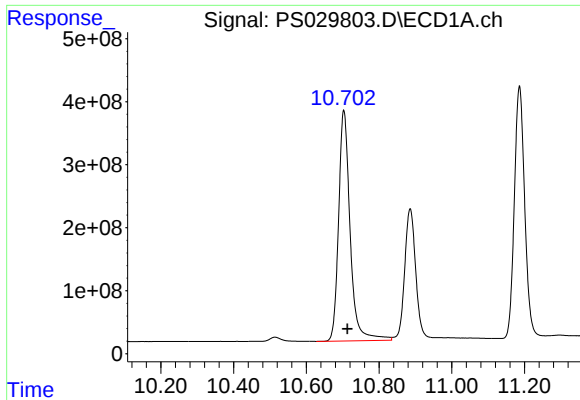
#14 DINOSEB

R.T.: 10.886 min
Delta R.T.: -0.009 min
Response: 4446287463
Conc: 526.68 ng/ml



#14 DINOSEB

R.T.: 10.910 min
Delta R.T.: 0.023 min
Response: 2603211145
Conc: 509.16 ng/ml



#15 Picloram

R.T.: 10.703 min
Delta R.T.: -0.010 min
Response: 8061014156
Conc: 520.05 ng/ml

Instrument :

ECD_S

ClientSampleId :

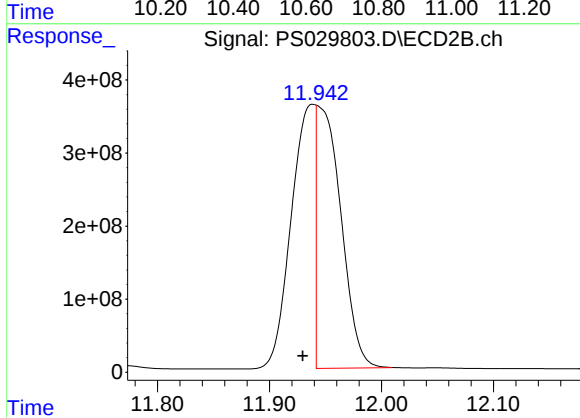
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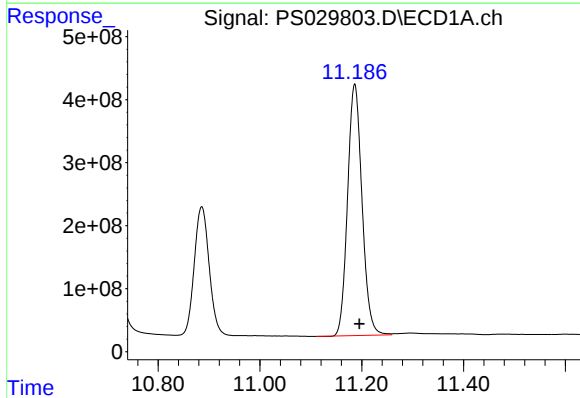
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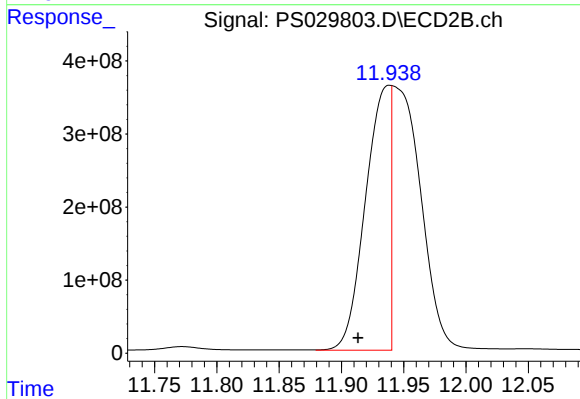
#15 Picloram

R.T.: 11.942 min
Delta R.T.: 0.012 min
Response: 5367883094
Conc: 453.97 ng/ml m



#16 DCPA

R.T.: 11.186 min
Delta R.T.: -0.009 min
Response: 7860881302
Conc: 562.85 ng/ml



#16 DCPA

R.T.: 11.938 min
Delta R.T.: 0.025 min
Response: 5092421684
Conc: 575.37 ng/ml m