

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS112425\
 Data File : PS032516.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Nov 2025 17:01
 Operator : AR\AJ
 Sample : PB170705BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB170705BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 01:09:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS110325.M
 Quant Title : 8080.M
 QLast Update : Tue Nov 04 04:59:50 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	7.278	7.616	2364.6E6	1879.2E6	521.836	515.476m
Target Compounds							
1) T	Dalapon	2.654	2.601	3214.8E6	3077.4E6	447.814	442.540
2) T	3,5-DICHL...	6.445	6.586	3190.4E6	2977.0E6	493.394	495.436
3) T	4-Nitroph...	7.113	7.205	508.5E6	1017.3E6	378.805	448.143
5) T	DICAMBA	7.458	7.805	9434.1E6	8622.9E6	500.051	499.226
6) T	MCPD	7.632	7.900	494.8E6	637.8E6	45.431m	47.953
7) T	MCPA	7.781	8.144	607.0E6	784.1E6	45.213	48.092m
8) T	DICHLORPROP	8.165	8.519	2202.3E6	2354.6E6	495.048	493.723
9) T	2,4-D	8.409	8.867	2172.4E6	2564.2E6	481.485	488.819
10) T	Pentachlo...	8.692	9.353	36402.0E6	31552.2E6	580.212	537.492
11) T	2,4,5-TP ...	9.269	9.742	13228.0E6	13602.2E6	508.543	506.526
12) T	2,4,5-T	9.573	10.172	11784.8E6	11590.9E6	494.367	488.694
13) T	2,4-DB	10.150	10.741	1170.0E6	1751.5E6	444.021	464.422
14) T	DINOSEB	11.334	11.101	10359.4E6	8487.4E6	497.869	479.854
15) T	Picloram	11.185	12.233	8314.7E6	14993.5E6	391.730m	403.246
16) T	DCPA	11.633	12.136	17631.5E6	16450.0E6	525.496	516.314

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

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Sample : PB170705BS
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ALS Vial : 7 Sample Multiplier: 1

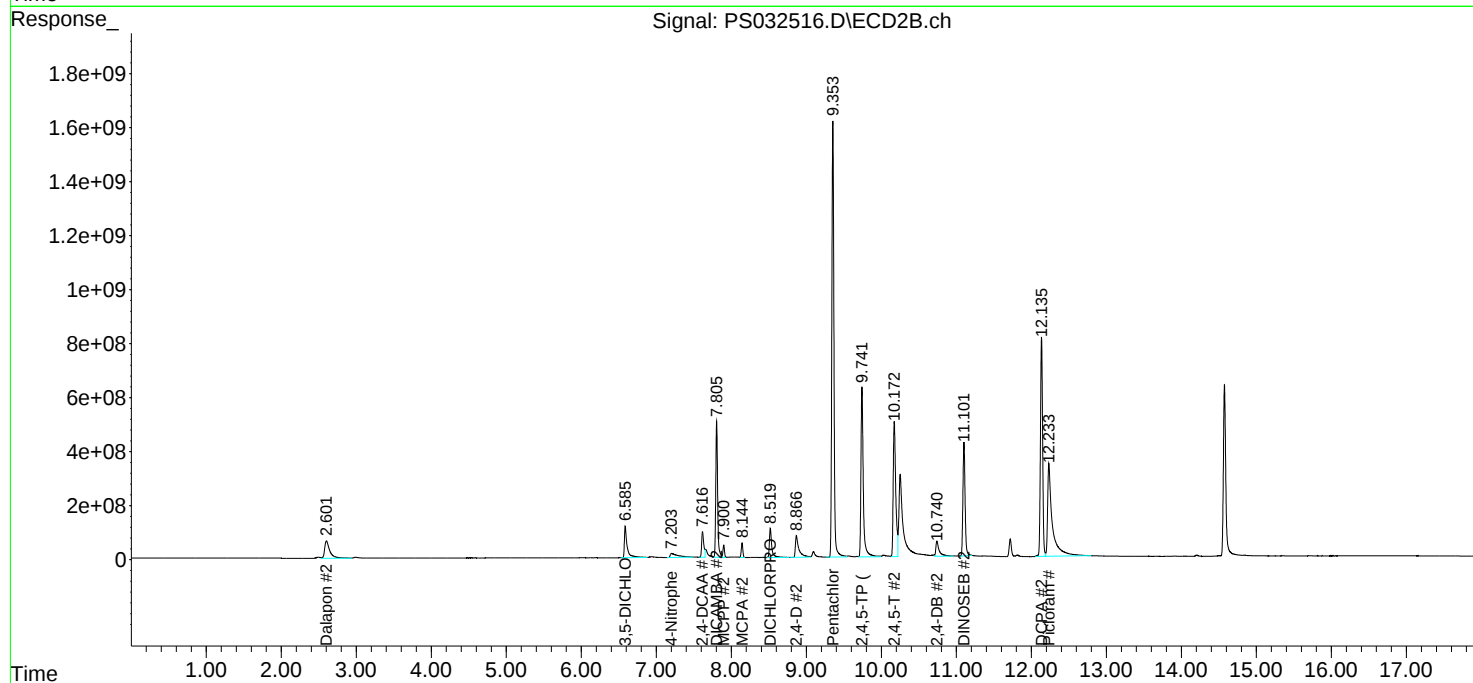
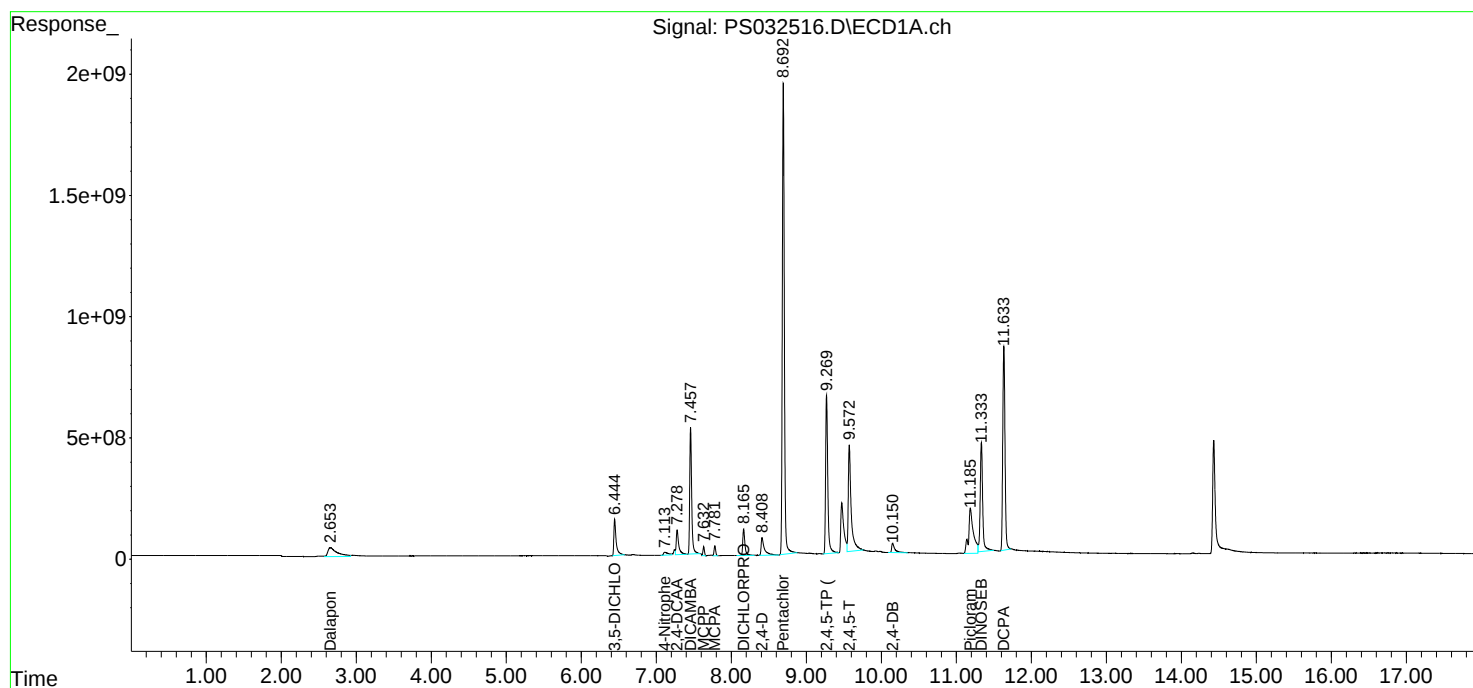
Instrument :
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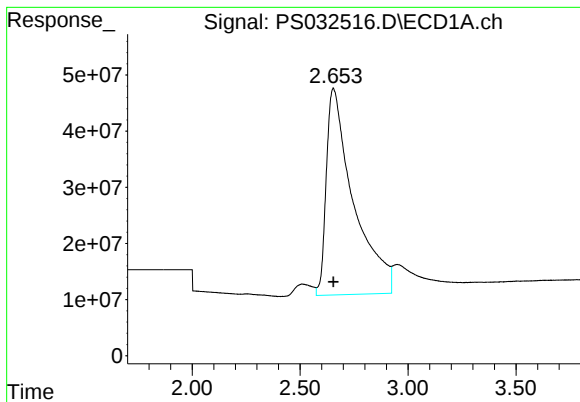
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#1 Dalapon

R.T.: 2.654 min
Delta R.T.: 0.000 min
Response: 3214755226
Conc: 447.81 ng/ml

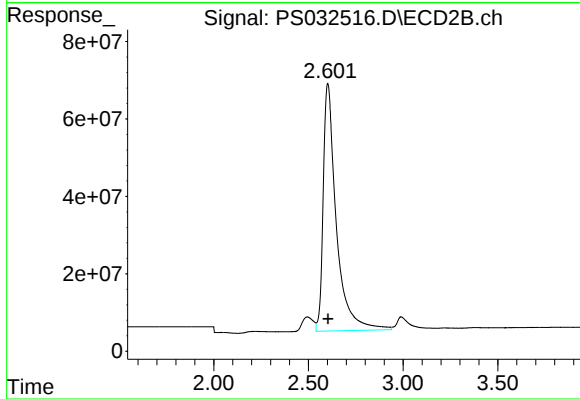
Instrument :

ECD_S

ClientSampleId :
PB170705BS

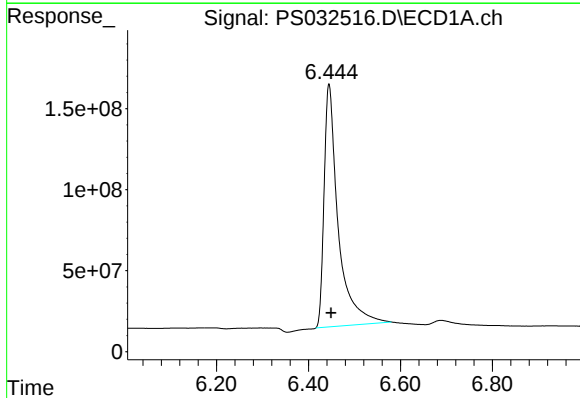
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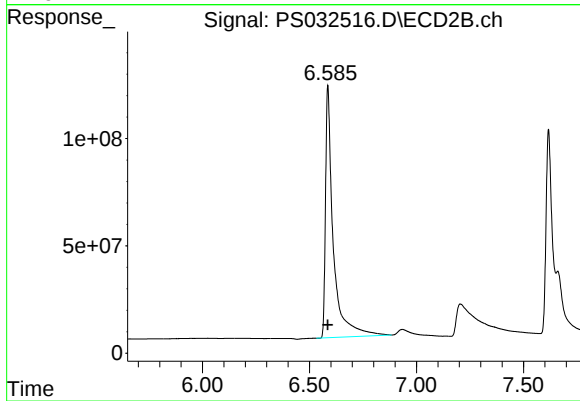
#1 Dalapon

R.T.: 2.601 min
Delta R.T.: -0.001 min
Response: 3077421313
Conc: 442.54 ng/ml



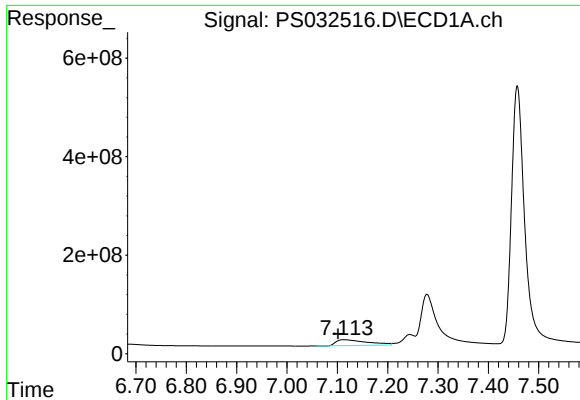
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.445 min
Delta R.T.: -0.004 min
Response: 3190390498
Conc: 493.39 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 2977045754
Conc: 495.44 ng/ml



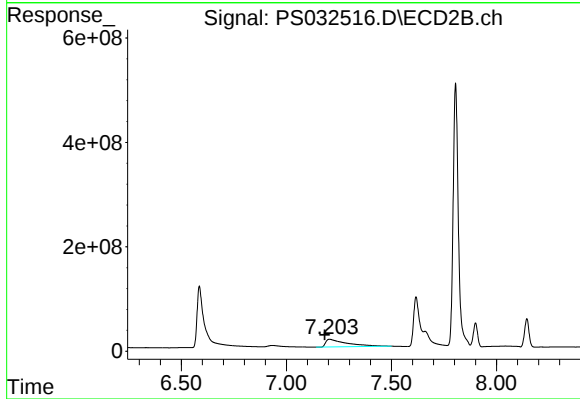
#3 4-Nitrophenol

R.T.: 7.113 min
Delta R.T.: 0.012 min
Response: 508529035
Conc: 378.80 ng/ml

Instrument :
ECD_S
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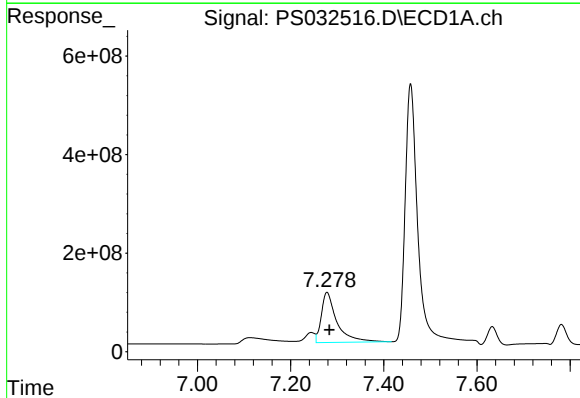
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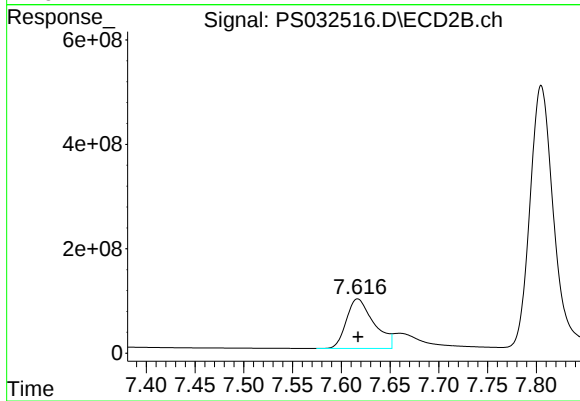
#3 4-Nitrophenol

R.T.: 7.205 min
Delta R.T.: 0.023 min
Response: 1017250593
Conc: 448.14 ng/ml



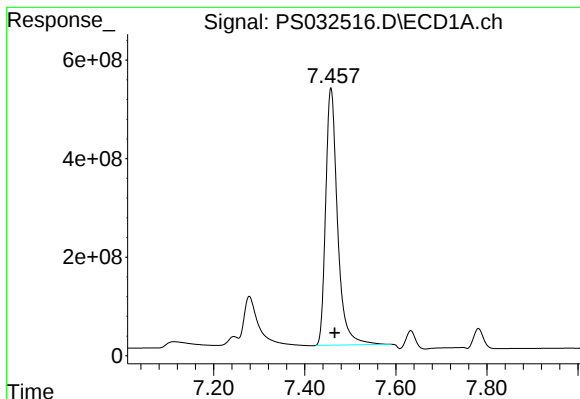
#4 2,4-DCAA

R.T.: 7.278 min
Delta R.T.: -0.005 min
Response: 2364582827
Conc: 521.84 ng/ml



#4 2,4-DCAA

R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 1879166854
Conc: 515.48 ng/ml m



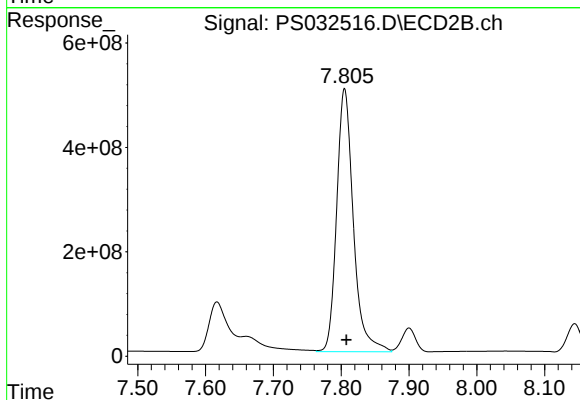
#5 DICAMBA

R.T.: 7.458 min
Delta R.T.: -0.008 min
Response: 9434054322
Conc: 500.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170705BS

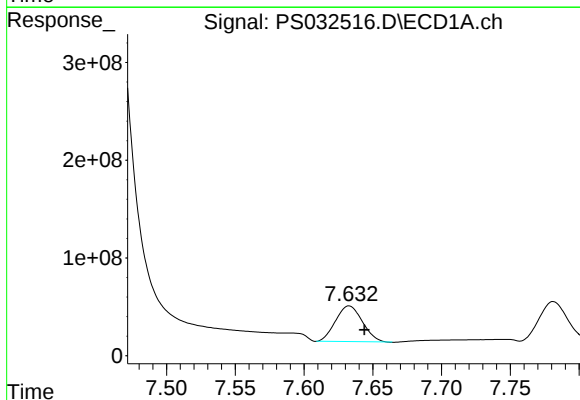
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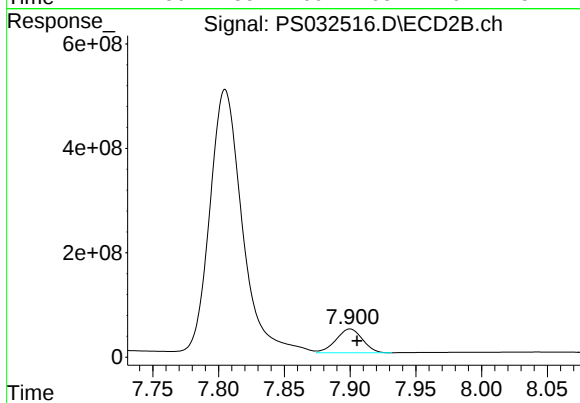
#5 DICAMBA

R.T.: 7.805 min
Delta R.T.: -0.003 min
Response: 8622855729
Conc: 499.23 ng/ml



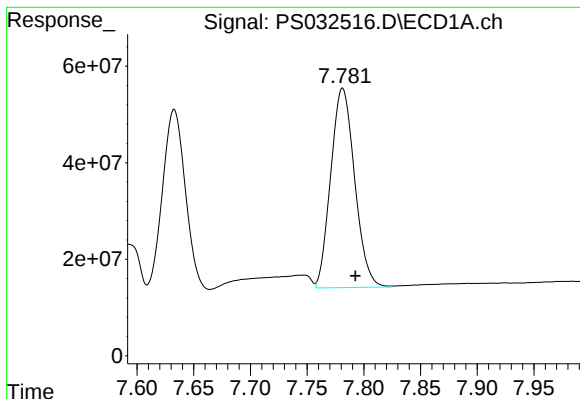
#6 MCP

R.T.: 7.632 min
Delta R.T.: -0.011 min
Response: 494751726
Conc: 45.43 ug/ml m



#6 MCP

R.T.: 7.900 min
Delta R.T.: -0.005 min
Response: 637819910
Conc: 47.95 ug/ml



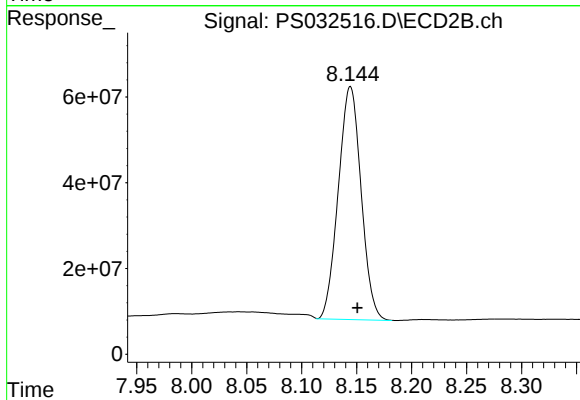
#7 MCPA

R.T.: 7.781 min
Delta R.T.: -0.011 min
Response: 607025645
Conc: 45.21 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB170705BS

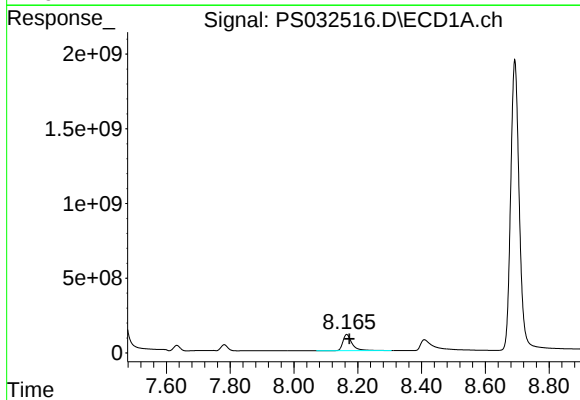
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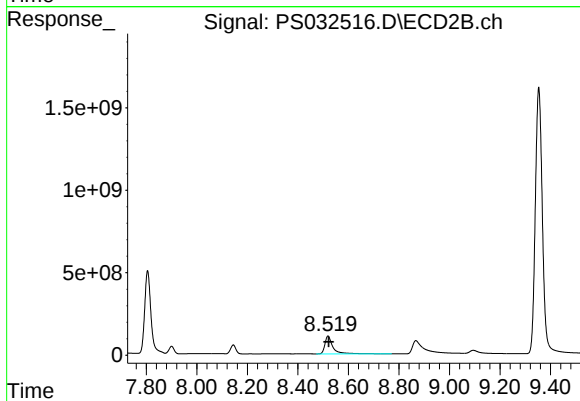
#7 MCPA

R.T.: 8.144 min
Delta R.T.: -0.007 min
Response: 784109436
Conc: 48.09 ug/ml m



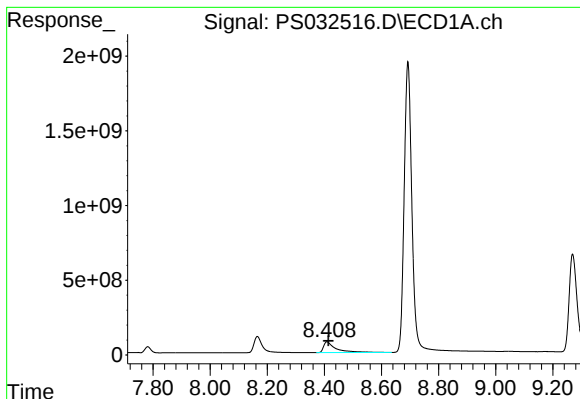
#8 DICHLORPROP

R.T.: 8.165 min
Delta R.T.: -0.009 min
Response: 2202347775
Conc: 495.05 ng/ml



#8 DICHLORPROP

R.T.: 8.519 min
Delta R.T.: -0.002 min
Response: 2354637554
Conc: 493.72 ng/ml



#9 2,4-D

R.T.: 8.409 min
Delta R.T.: -0.005 min
Response: 2172371205
Conc: 481.49 ng/ml

Instrument :

ECD_S

ClientSampleId :

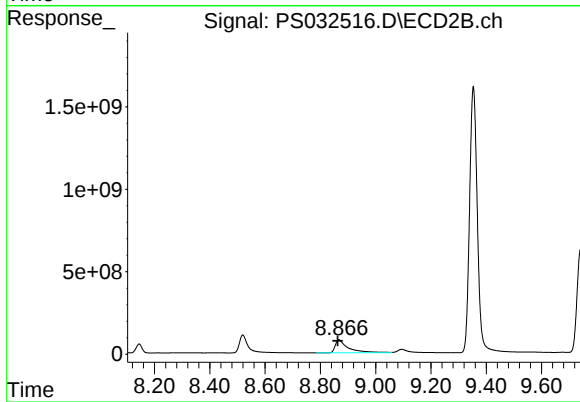
PB170705BS

Manual Integrations

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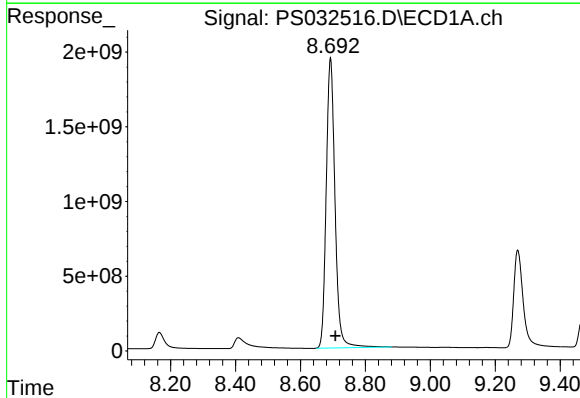
Reviewed By :Abdul Mirza 11/26/2025

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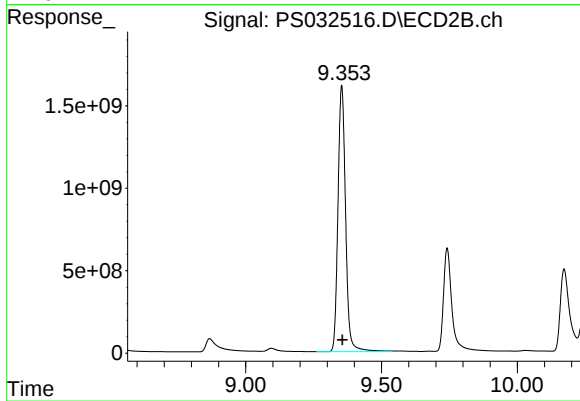
#9 2,4-D

R.T.: 8.867 min
Delta R.T.: 0.003 min
Response: 2564178706
Conc: 488.82 ng/ml



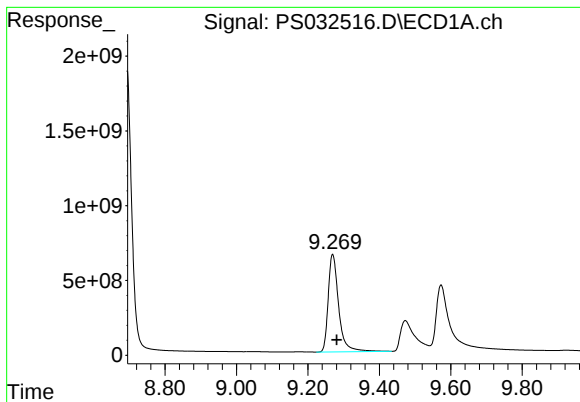
#10 Pentachlorophenol

R.T.: 8.692 min
Delta R.T.: -0.015 min
Response: 36402004736
Conc: 580.21 ng/ml



#10 Pentachlorophenol

R.T.: 9.353 min
Delta R.T.: -0.003 min
Response: 31552202857
Conc: 537.49 ng/ml



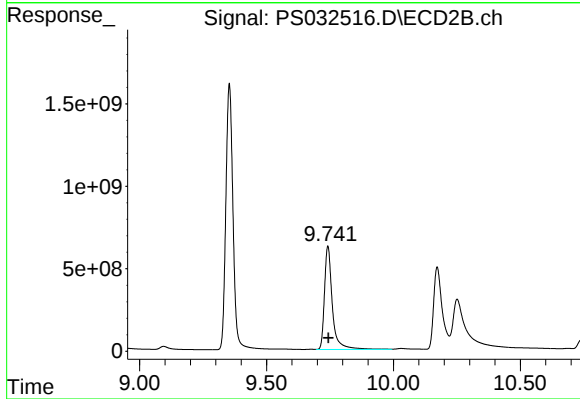
#11 2,4,5-TP (SILVEX)

R.T.: 9.269 min
Delta R.T.: -0.011 min
Response: 13227999672
Conc: 508.54 ng/ml

Instrument :
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ClientSampleId :
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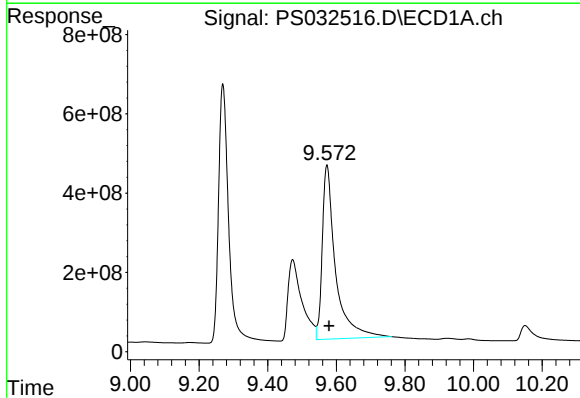
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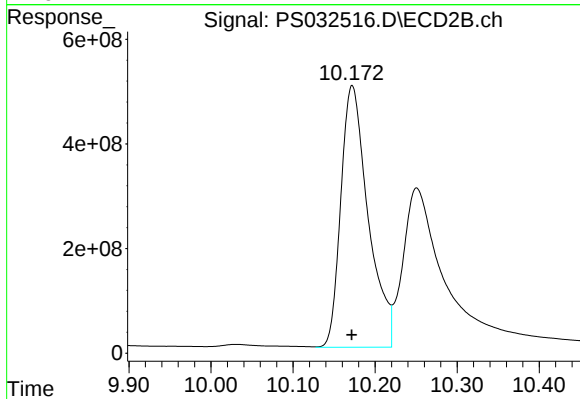
#11 2,4,5-TP (SILVEX)

R.T.: 9.742 min
Delta R.T.: -0.002 min
Response: 13602198010
Conc: 506.53 ng/ml



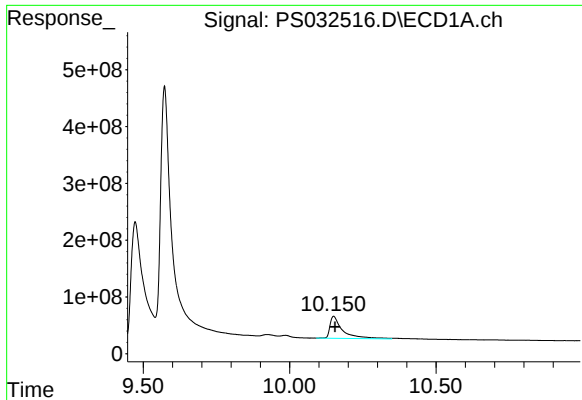
#12 2,4,5-T

R.T.: 9.573 min
Delta R.T.: -0.006 min
Response: 11784837816
Conc: 494.37 ng/ml



#12 2,4,5-T

R.T.: 10.172 min
Delta R.T.: 0.000 min
Response: 11590853699
Conc: 488.69 ng/ml



#13 2,4-DB

R.T.: 10.150 min
Delta R.T.: -0.005 min
Response: 1170047485
Conc: 444.02 ng/ml

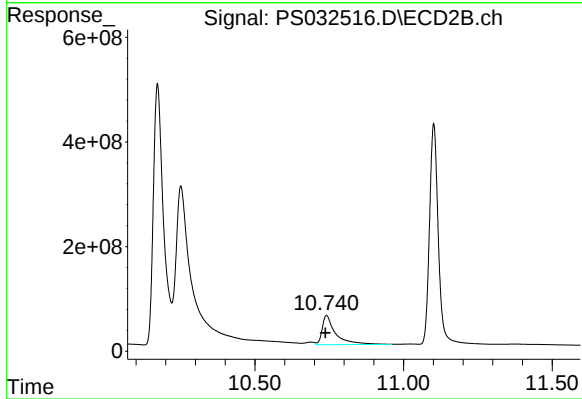
Instrument :

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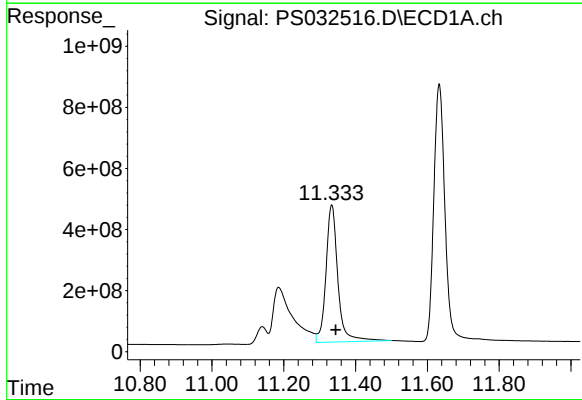
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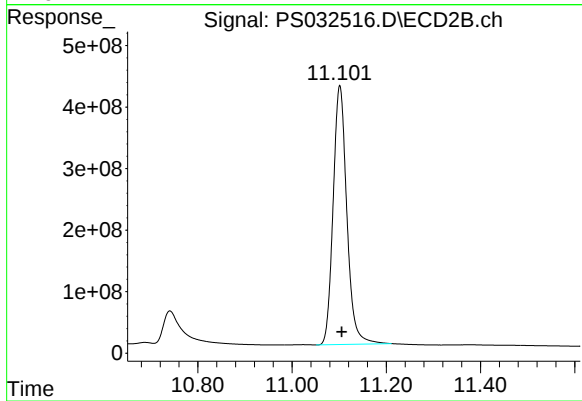
#13 2,4-DB

R.T.: 10.741 min
Delta R.T.: 0.004 min
Response: 1751492135
Conc: 464.42 ng/ml



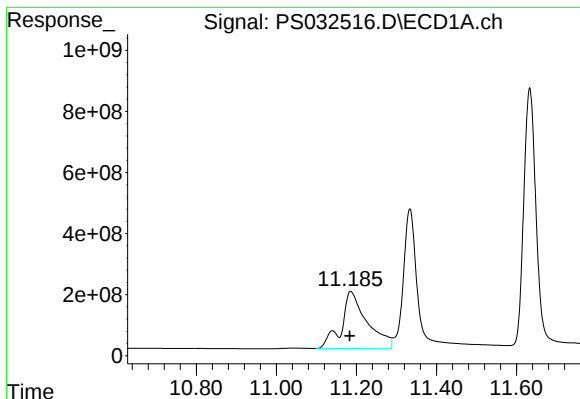
#14 DINOSEB

R.T.: 11.334 min
Delta R.T.: -0.012 min
Response: 10359448529
Conc: 497.87 ng/ml



#14 DINOSEB

R.T.: 11.101 min
Delta R.T.: -0.004 min
Response: 8487368527
Conc: 479.85 ng/ml



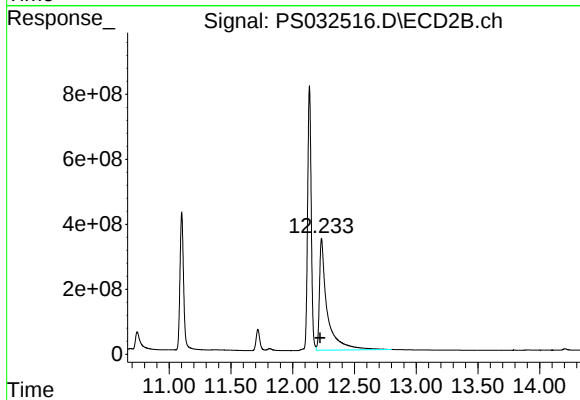
#15 Picloram

R.T.: 11.185 min
Delta R.T.: 0.001 min
Response: 8314693133
Conc: 391.73 ng/ml

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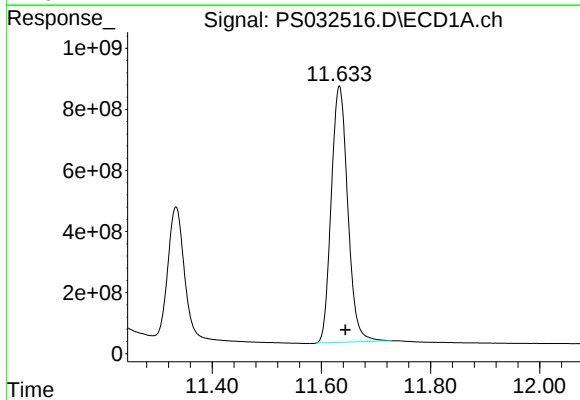
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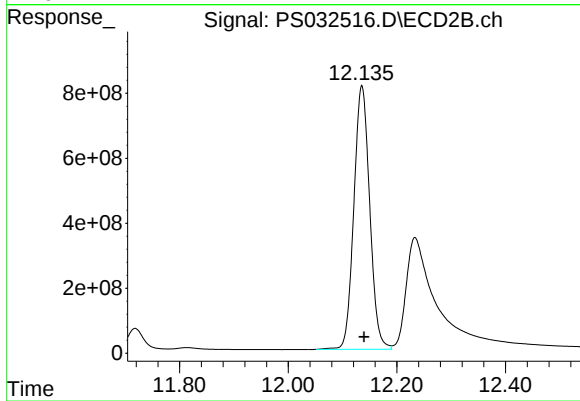
#15 Picloram

R.T.: 12.233 min
Delta R.T.: 0.010 min
Response: 14993513078
Conc: 403.25 ng/ml



#16 DCPA

R.T.: 11.633 min
Delta R.T.: -0.011 min
Response: 17631488199
Conc: 525.50 ng/ml



#16 DCPA

R.T.: 12.136 min
Delta R.T.: -0.004 min
Response: 16450028184
Conc: 516.31 ng/ml