

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
 Data File : PS031037.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2025 20:22
 Operator : AR\AJ
 Sample : Q2489-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 G4(0-6)MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/16/2025
 Supervised By :mohammad ahmed 07/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 02:50:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
 Quant Title : 8080.M
 QLast Update : Mon Jul 14 05:51:06 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	7.329	7.767	2406.8E6	548.5E6	608.544	529.387m
Target Compounds							
1) T	Dalapon	2.691	2.703	2578.1E6	1602.6E6	423.214m	563.734m#
2) T	3,5-DICHL...	6.492	6.714	2138.0E6	581.7E6	408.129	375.190m
3) T	4-Nitroph...	7.130	7.318	41184768	42223649	30.507m	24.212m
5) T	DICAMBA	7.518	7.970	5857.3E6	2369.0E6	373.295	365.791m
6) T	MCPD	7.698	8.068	323.0E6	71089742	35.109	33.251m
7) T	MCPA	7.848	8.314	446.1E6	139.9E6	40.905	43.639m
8) T	DICHLORPROP	8.231	8.689	1638.0E6	592.2E6	481.039	389.811m
9) T	2,4-D	8.462	9.025	1636.0E6	724.9E6	531.425m	426.518m
10) T	Pentachlo...	8.769	9.550	19255.6E6	12468.4E6	383.107	323.560
11) T	2,4,5-TP ...	9.349	9.931	9883.3E6	8404.8E6	531.053	572.698m
12) T	2,4,5-T	9.642	10.357	7819.5E6	5708.1E6	513.992m	407.958
13) T	2,4-DB	10.220	10.924	839.5E6	377.9E6	386.705m	319.375m
14) T	DINOSEB	11.434	11.311	3818.3E6	3494.1E6	289.618m	307.813m
15) T	Picloram	11.245	12.419	7462.4E6	9480.3E6	512.108m	403.749m
16) T	DCPA	11.730	12.353	10374.6E6	8677.4E6	433.411	384.773m

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

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Acq On : 15 Jul 2025 20:22
Operator : AR\AJ
Sample : Q2489-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

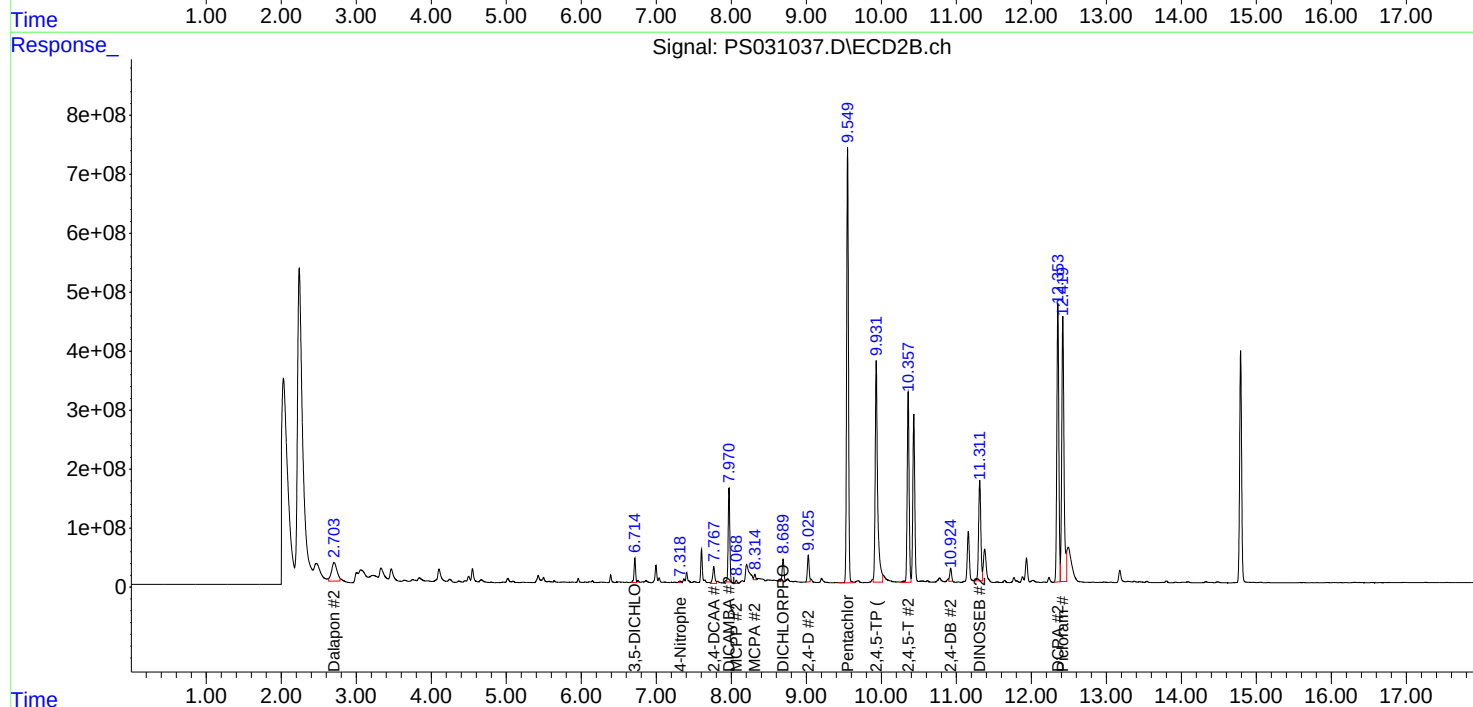
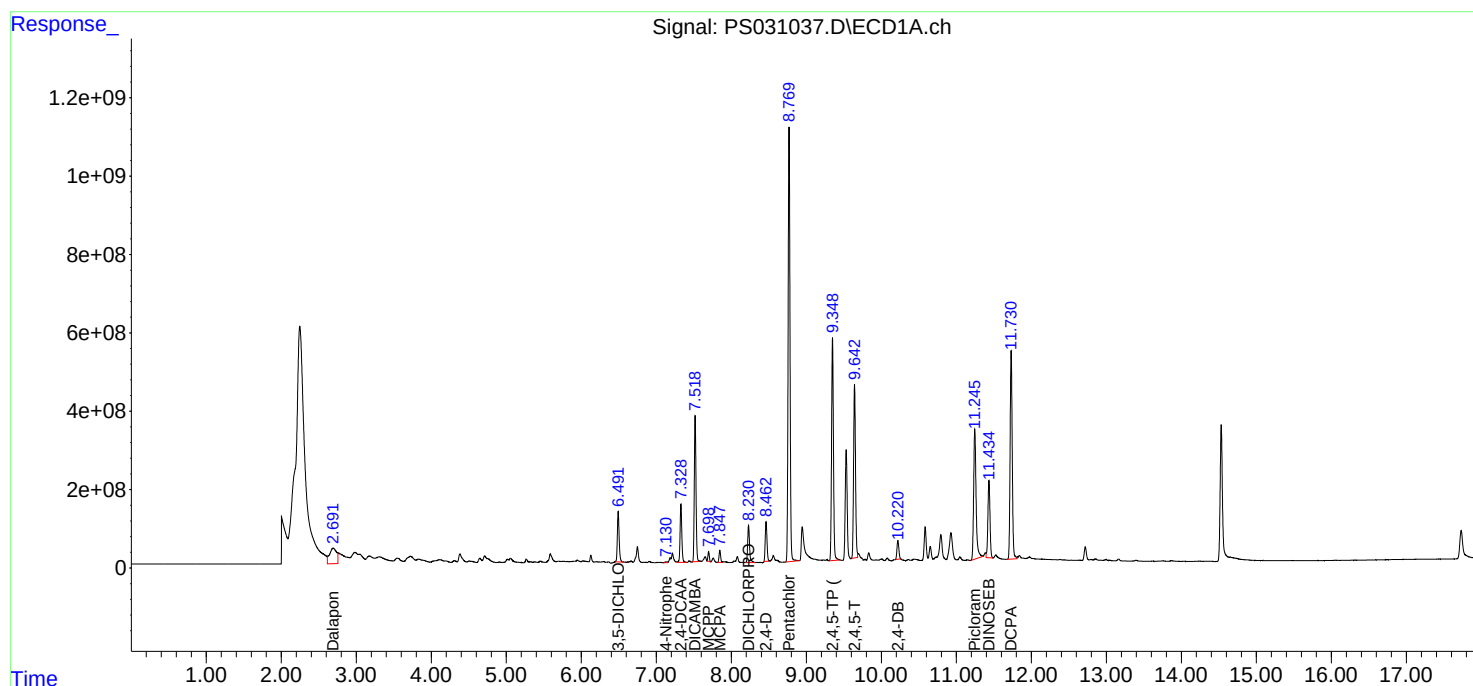
Instrument :
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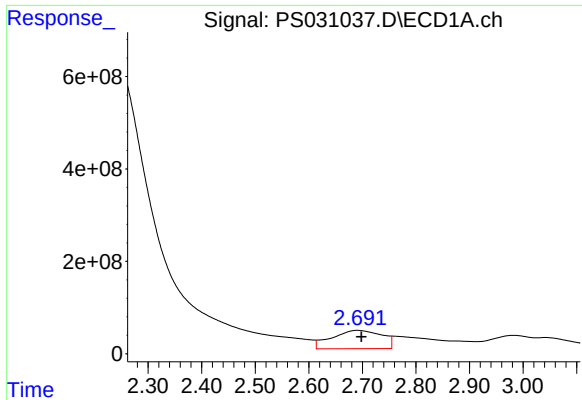
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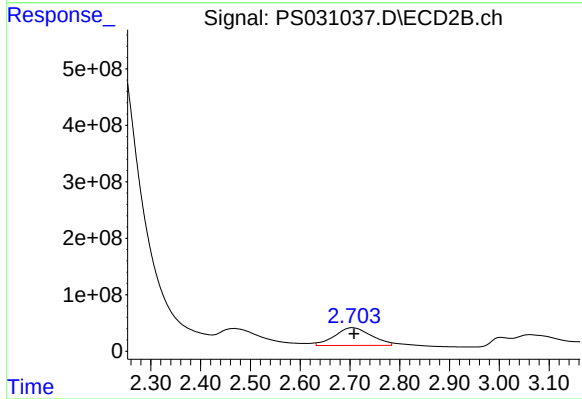
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: -0.007 min
Response: 2578100874
Conc: 423.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
G4(0-6)MS

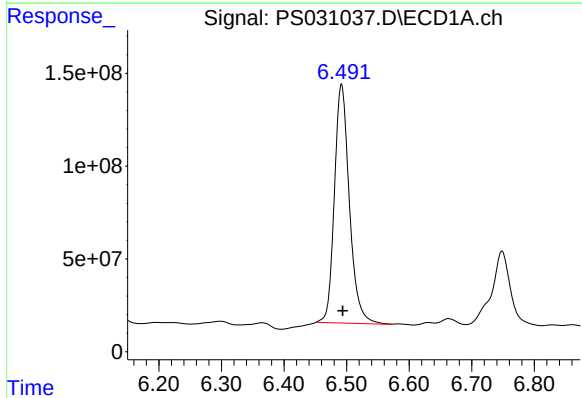
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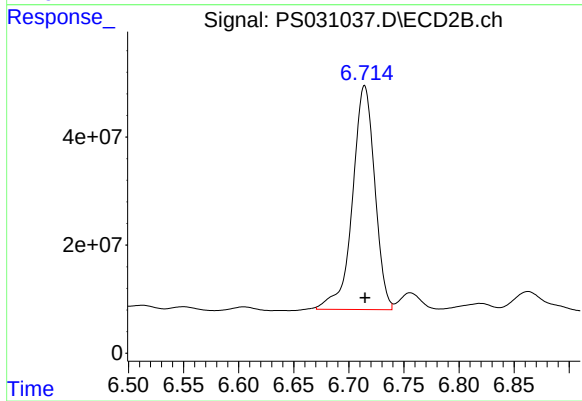
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: -0.005 min
Response: 1602615411
Conc: 563.73 ng/ml m



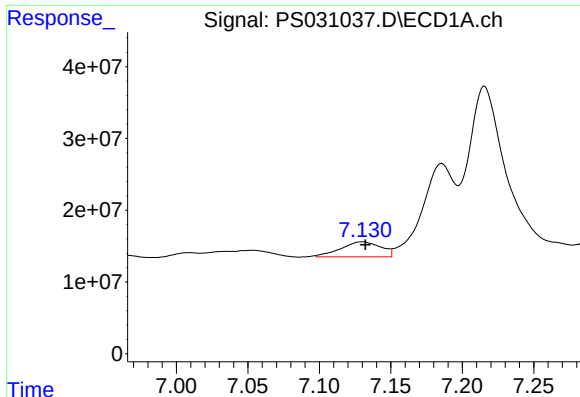
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.492 min
Delta R.T.: -0.002 min
Response: 2138025327
Conc: 408.13 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 581670807
Conc: 375.19 ng/ml m



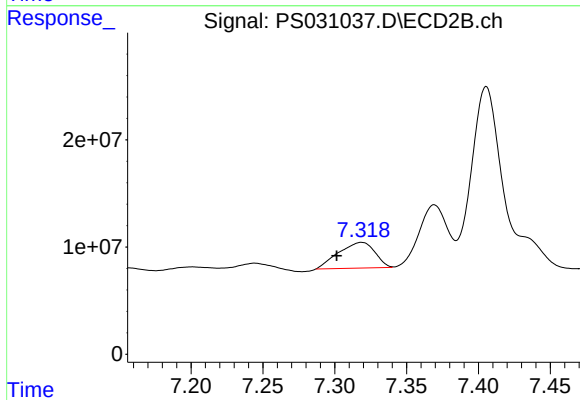
#3 4-Nitrophenol

R.T.: 7.130 min
Delta R.T.: -0.002 min
Response: 41184768
Conc: 30.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
G4(0-6)MS

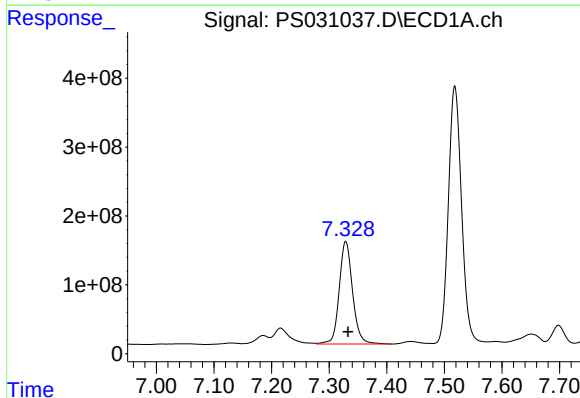
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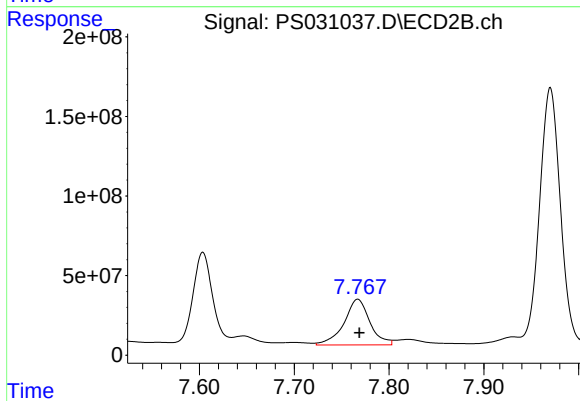
#3 4-Nitrophenol

R.T.: 7.318 min
Delta R.T.: 0.017 min
Response: 42223649
Conc: 24.21 ng/ml m



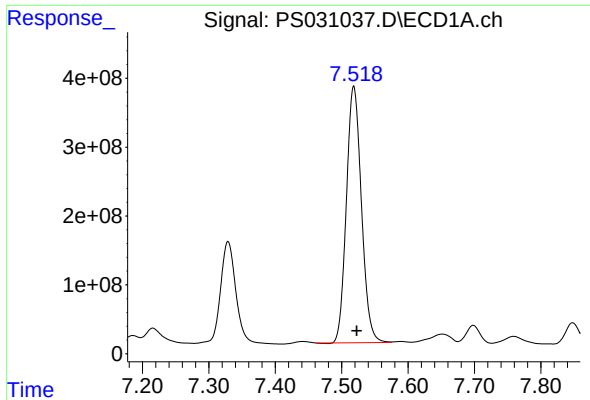
#4 2,4-DCAA

R.T.: 7.329 min
Delta R.T.: -0.004 min
Response: 2406838809
Conc: 608.54 ng/ml



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.002 min
Response: 548461712
Conc: 529.39 ng/ml m



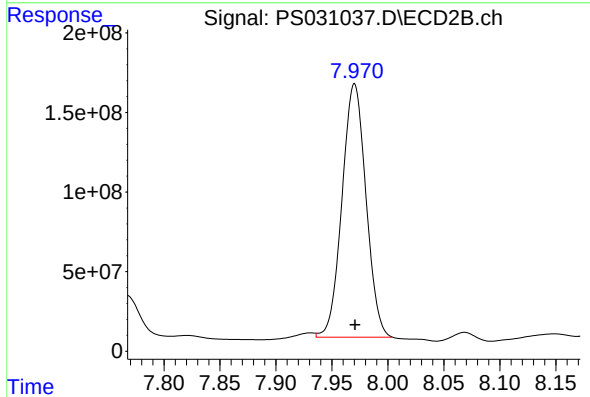
#5 DICAMBA

R.T.: 7.518 min
Delta R.T.: -0.004 min
Response: 5857336132
Conc: 373.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
G4(0-6)MS

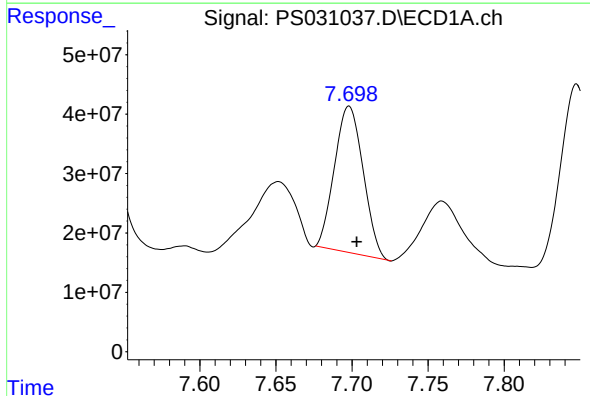
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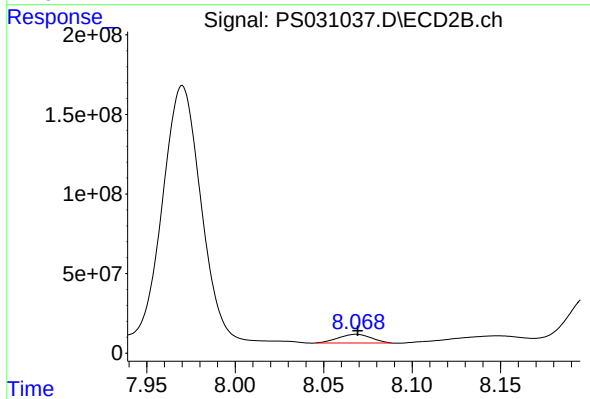
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 2369016154
Conc: 365.79 ng/ml m



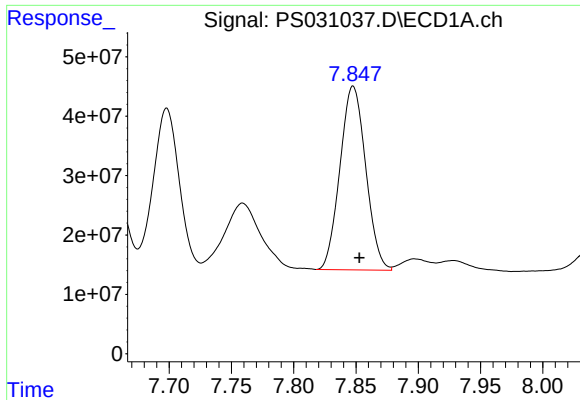
#6 MCP

R.T.: 7.698 min
Delta R.T.: -0.005 min
Response: 323049951
Conc: 35.11 ug/ml



#6 MCP

R.T.: 8.068 min
Delta R.T.: -0.001 min
Response: 71089742
Conc: 33.25 ug/ml m



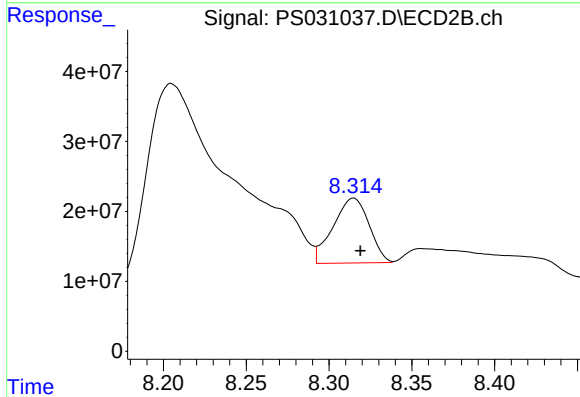
#7 MCPA

R.T.: 7.848 min
Delta R.T.: -0.005 min
Response: 446143610
Conc: 40.91 ug/ml

Instrument :
ECD_S
ClientSampleId :
G4(0-6)MS

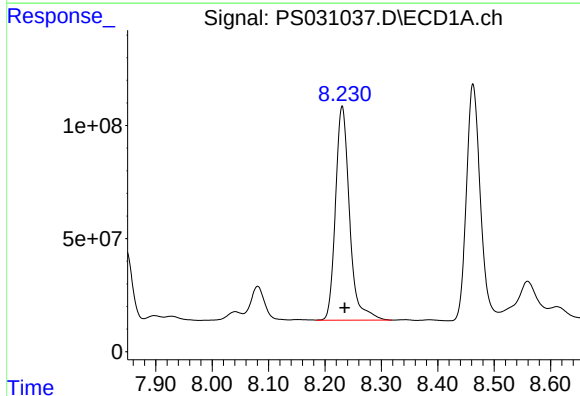
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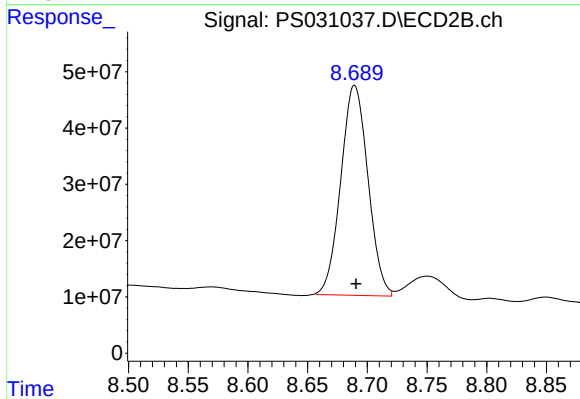
#7 MCPA

R.T.: 8.314 min
Delta R.T.: -0.004 min
Response: 139893305
Conc: 43.64 ug/ml m



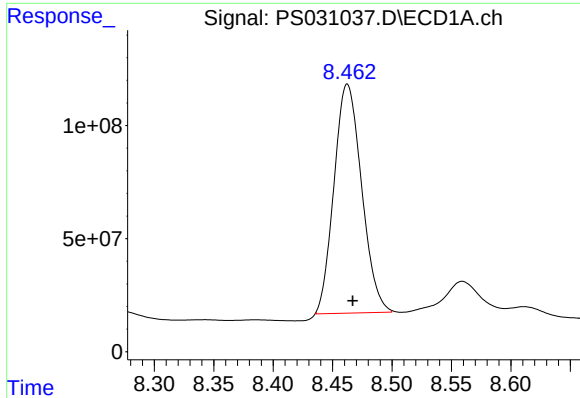
#8 DICHLORPROP

R.T.: 8.231 min
Delta R.T.: -0.004 min
Response: 1638011476
Conc: 481.04 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: -0.002 min
Response: 592224602
Conc: 389.81 ng/ml m



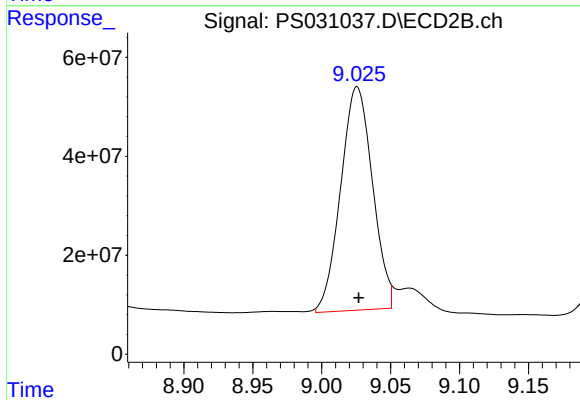
#9 2,4-D

R.T.: 8.462 min
Delta R.T.: -0.005 min
Response: 1635959169
Conc: 531.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
G4(0-6)MS

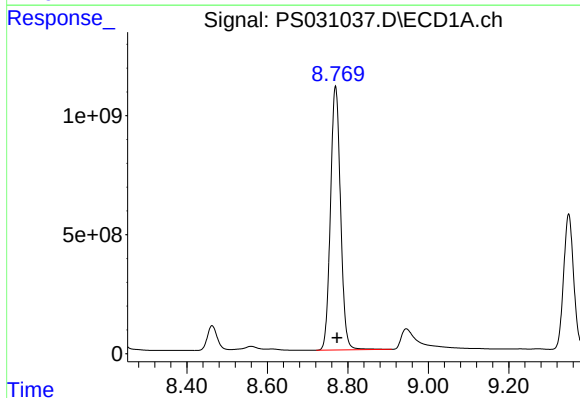
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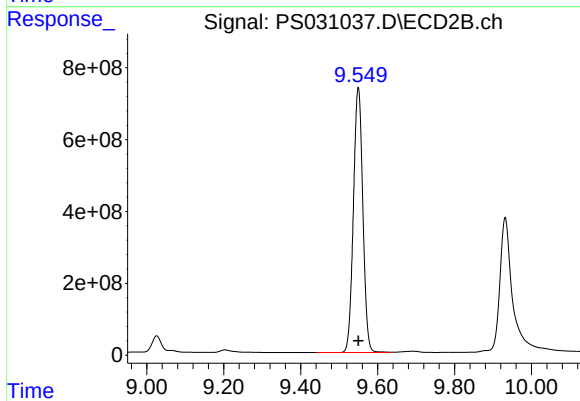
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: -0.002 min
Response: 724851667
Conc: 426.52 ng/ml m



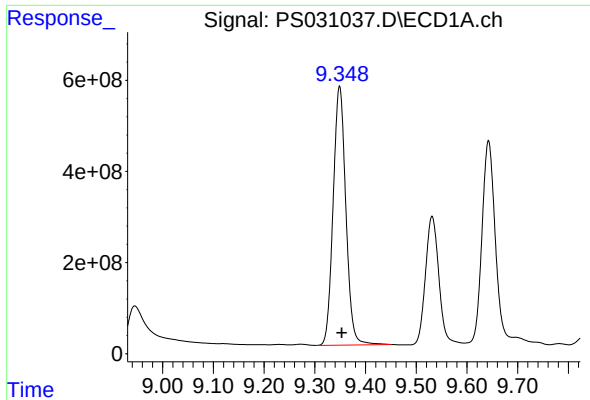
#10 Pentachlorophenol

R.T.: 8.769 min
Delta R.T.: -0.004 min
Response: 19255569990
Conc: 383.11 ng/ml



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: 0.000 min
Response: 12468402149
Conc: 323.56 ng/ml



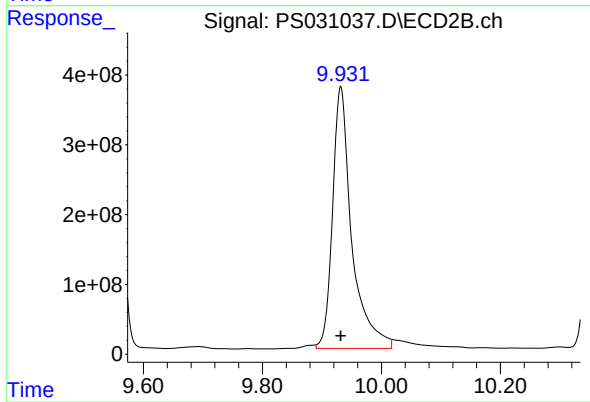
#11 2,4,5-TP (SILVEX)

R.T.: 9.349 min
Delta R.T.: -0.004 min
Response: 9883293991
Conc: 531.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
G4(0-6)MS

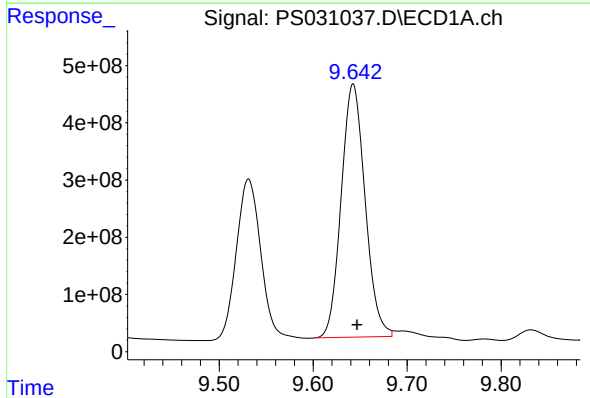
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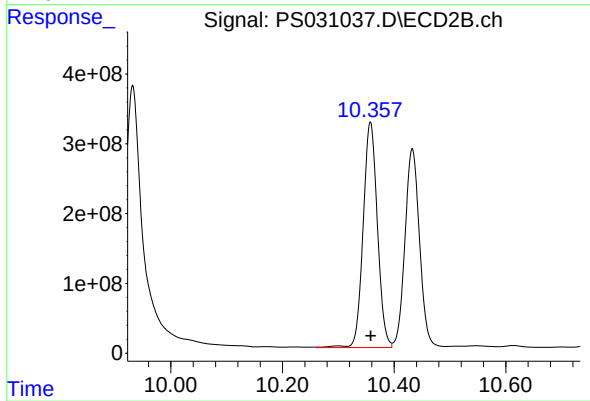
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 8404789278
Conc: 572.70 ng/ml m



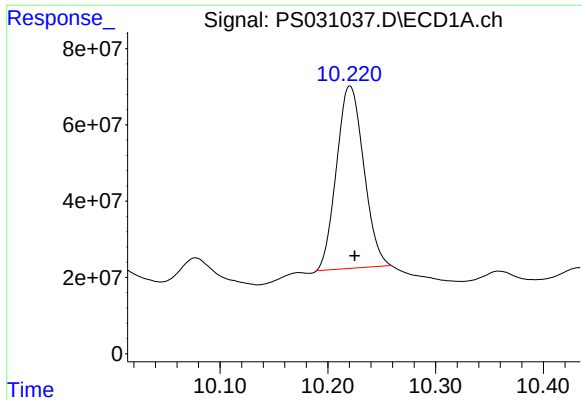
#12 2,4,5-T

R.T.: 9.642 min
Delta R.T.: -0.005 min
Response: 7819524851
Conc: 513.99 ng/ml m



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: -0.001 min
Response: 5708070529
Conc: 407.96 ng/ml



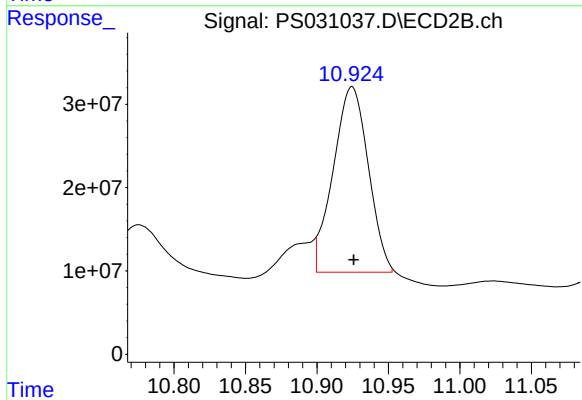
#13 2,4-DB

R.T.: 10.220 min
Delta R.T.: -0.005 min
Response: 839455785
Conc: 386.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
G4(0-6)MS

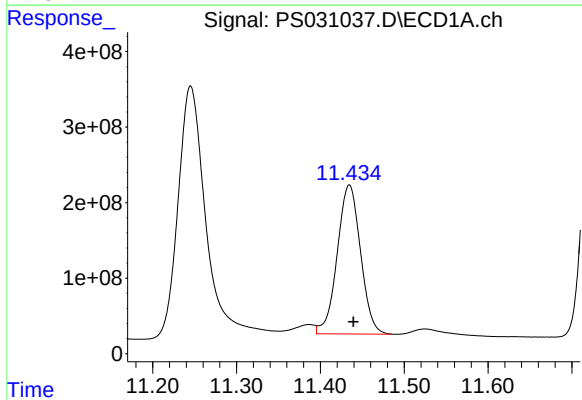
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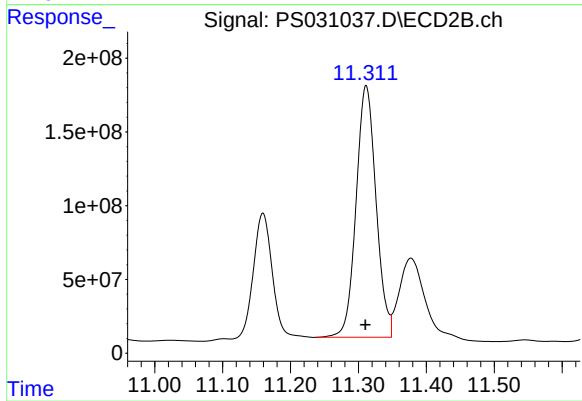
#13 2,4-DB

R.T.: 10.924 min
Delta R.T.: -0.002 min
Response: 377878493
Conc: 319.37 ng/ml m



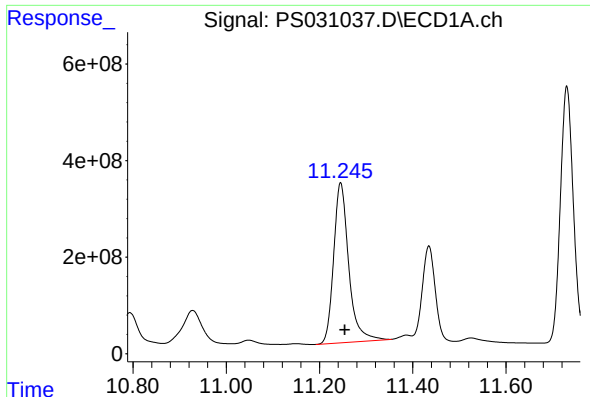
#14 DINOSEB

R.T.: 11.434 min
Delta R.T.: -0.005 min
Response: 3818291302
Conc: 289.62 ng/ml m



#14 DINOSEB

R.T.: 11.311 min
Delta R.T.: 0.000 min
Response: 3494144833
Conc: 307.81 ng/ml m



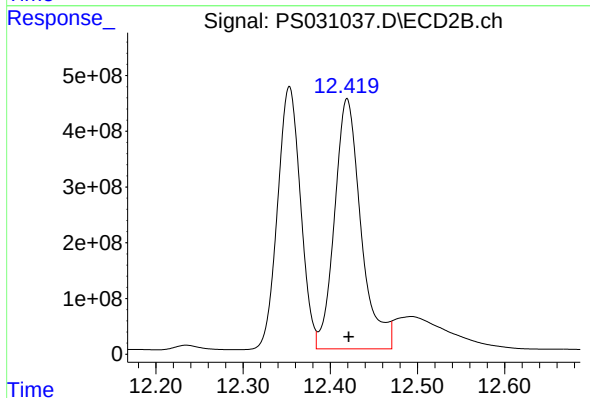
#15 Picloram

R.T.: 11.245 min
Delta R.T.: -0.009 min
Response: 7462412753
Conc: 512.11 ng/ml

Instrument :
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ClientSampleId :
G4(0-6)MS

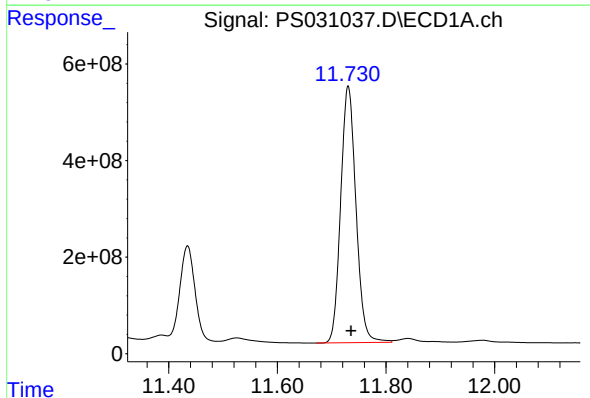
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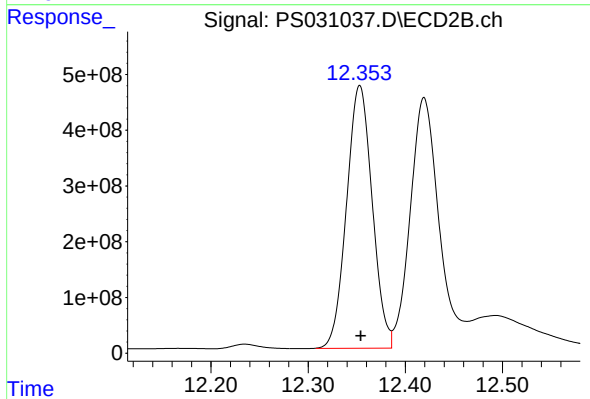
#15 Picloram

R.T.: 12.419 min
Delta R.T.: -0.002 min
Response: 9480301590
Conc: 403.75 ng/ml m



#16 DCPA

R.T.: 11.730 min
Delta R.T.: -0.006 min
Response: 10374626542
Conc: 433.41 ng/ml



#16 DCPA

R.T.: 12.353 min
Delta R.T.: -0.001 min
Response: 8677394072
Conc: 384.77 ng/ml m