

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052925\
 Data File : PS030429.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2025 14:19
 Operator : AR\AJ
 Sample : Q2100-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-21MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/30/2025
 Supervised By :mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 23:27:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.926	7.438	802.4E6	198.9E6	281.764	248.580
Target Compounds							
1) T	Dalapon	2.437	2.505	1204.8E6	882.5E6	245.115	434.516 #
2) T	3,5-DICHL...	6.131	6.440	1282.4E6	303.5E6	307.497	260.367
3) T	4-Nitroph...	6.717	6.973	586.4E6	262.9E6	283.873	251.833
5) T	DICAMBA	7.102	7.622	3160.1E6	1204.2E6	273.426	254.706m
6) T	MCPD	7.278	7.730	162.8E6	33422728	22.359m	18.167
7) T	MCPA	7.421	7.956	231.8E6	56500015	22.325	21.420m
8) T	DICHLORPROP	7.781	8.314	845.1E6	330.5E6	289.279	279.767m
9) T	2,4-D	8.001	8.627	1183.2E6	407.3E6	360.837	315.612
10) T	Pentachlo...	8.278	9.125	12007.7E6	6814.8E6	296.482	276.069
11) T	2,4,5-TP ...	8.841	9.503	4559.5E6	2852.8E6	281.521	289.609
12) T	2,4,5-T	9.124	9.906	4732.9E6	2540.1E6	286.578	275.989
13) T	2,4-DB	9.682	10.464	956.1E6	256.3E6	366.360	258.282 #
14) T	DINOSEB	10.840	10.835	546.9E6	330.2E6	47.820	48.326m
15) T	Picloram	10.661	11.868	5067.0E6	3578.0E6	236.921	254.246m
16) T	DCPA	11.142	11.864	5422.7E6	2666.2E6	272.340	197.342m#

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

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Acq On : 29 May 2025 14:19
Operator : AR\AJ
Sample : Q2100-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

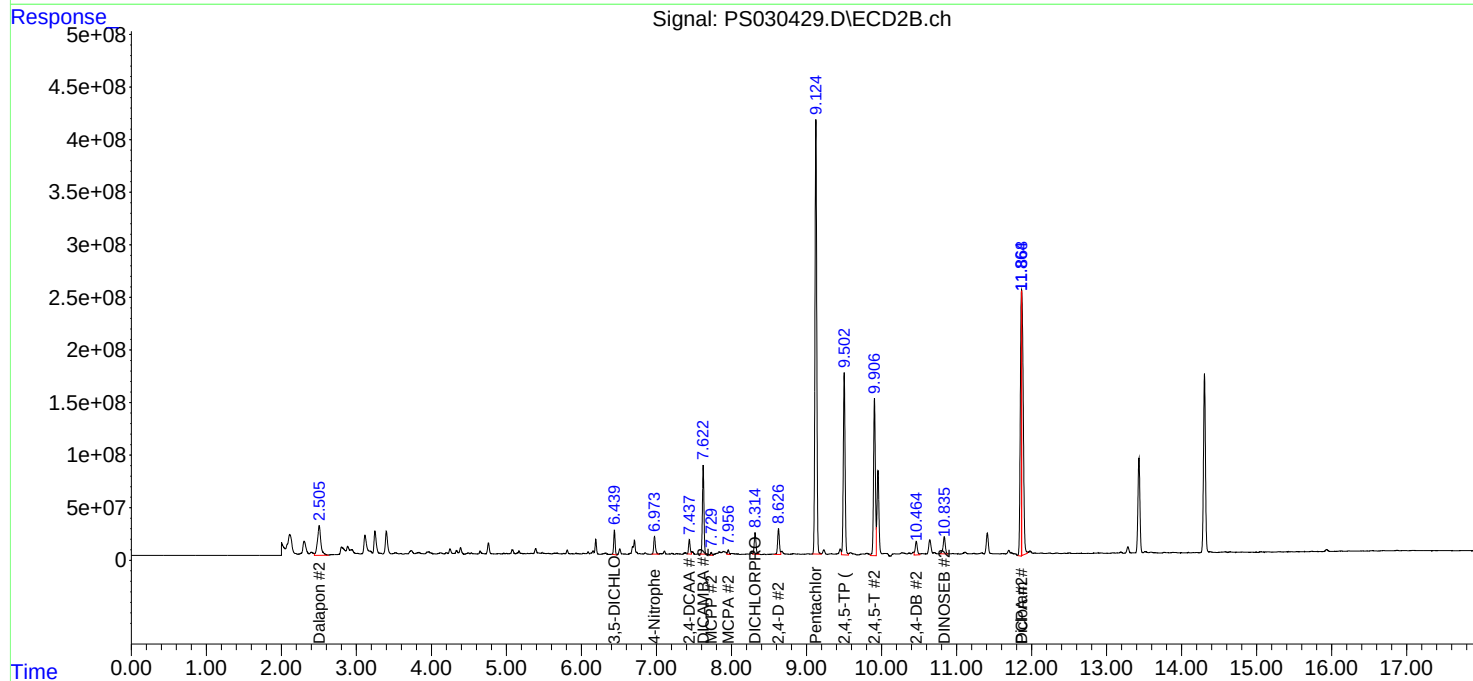
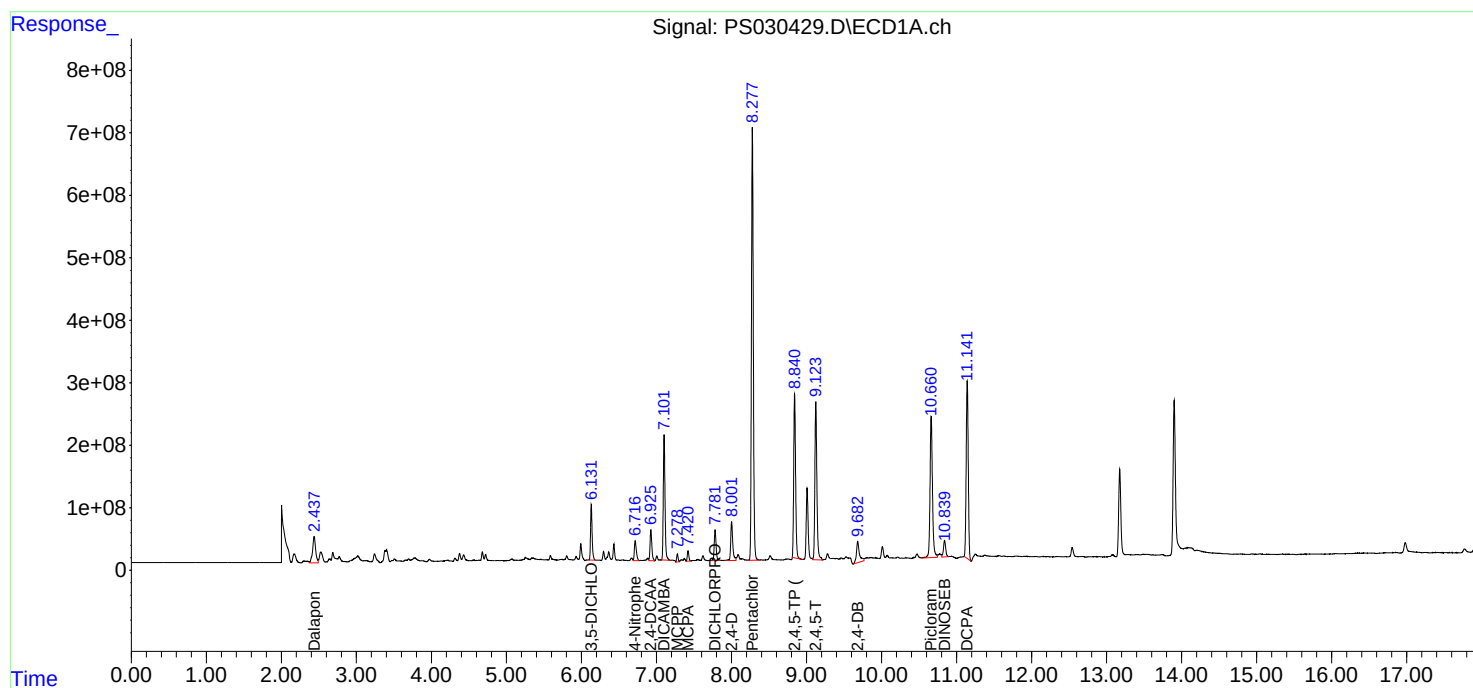
Instrument :
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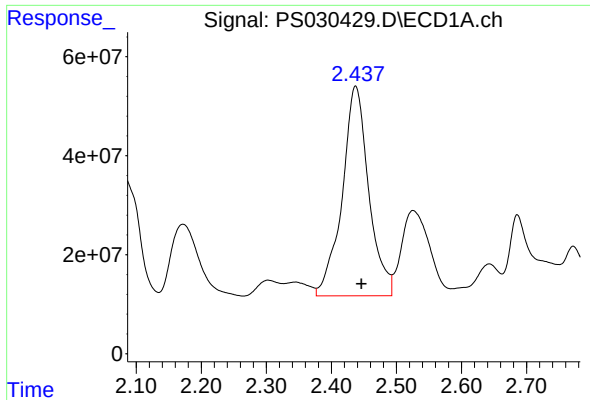
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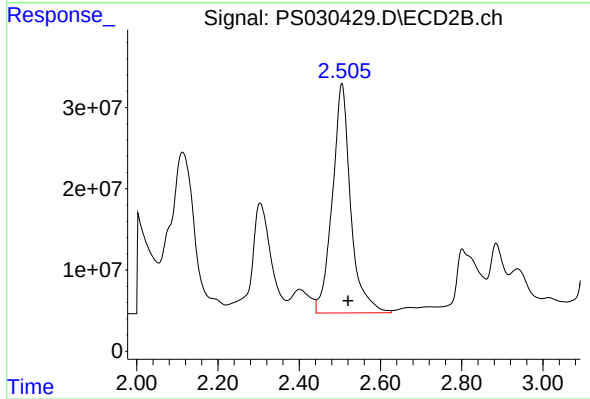
#1 Dalapon

R.T.: 2.437 min
Delta R.T.: -0.009 min
Response: 1204827719
Conc: 245.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MS

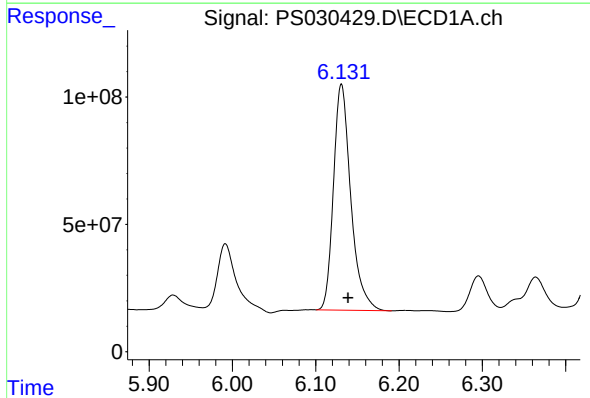
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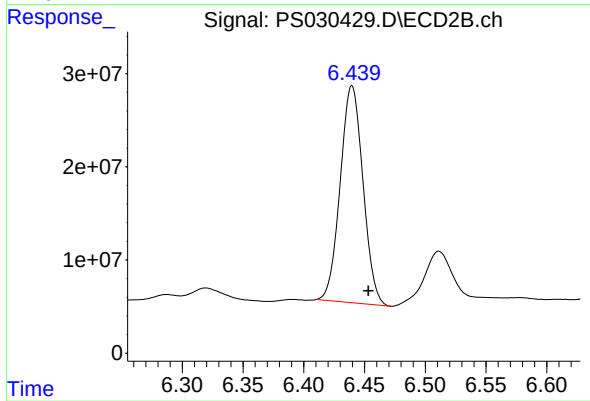
#1 Dalapon

R.T.: 2.505 min
Delta R.T.: -0.015 min
Response: 882523684
Conc: 434.52 ng/ml



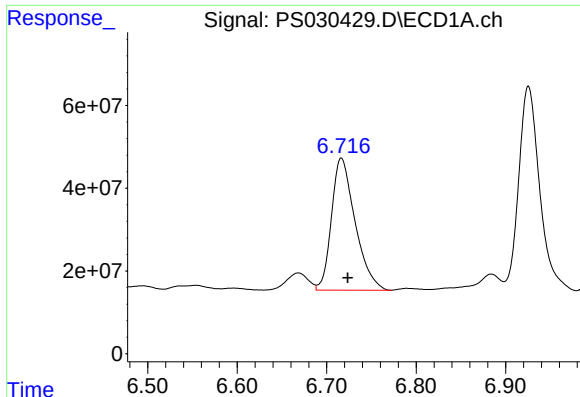
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.131 min
Delta R.T.: -0.008 min
Response: 1282432301
Conc: 307.50 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.440 min
Delta R.T.: -0.013 min
Response: 303543097
Conc: 260.37 ng/ml



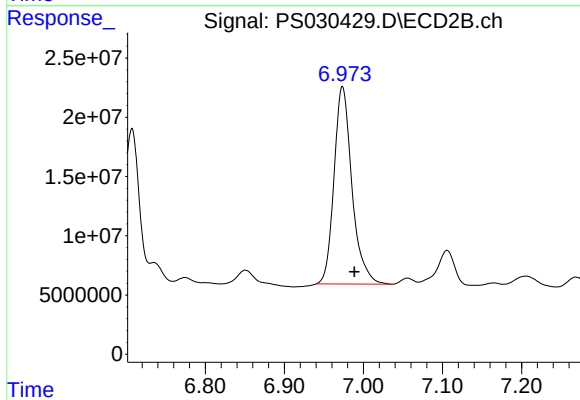
#3 4-Nitrophenol

R.T.: 6.717 min
Delta R.T.: -0.007 min
Response: 586372205
Conc: 283.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MS

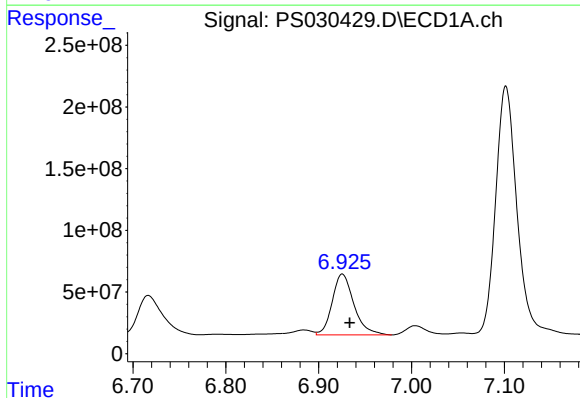
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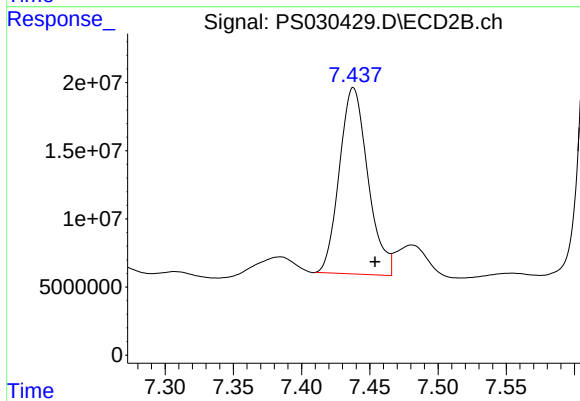
#3 4-Nitrophenol

R.T.: 6.973 min
Delta R.T.: -0.015 min
Response: 262921549
Conc: 251.83 ng/ml



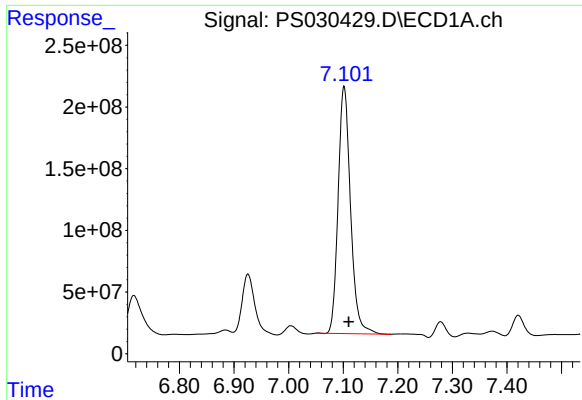
#4 2,4-DCAA

R.T.: 6.926 min
Delta R.T.: -0.008 min
Response: 802410892
Conc: 281.76 ng/ml



#4 2,4-DCAA

R.T.: 7.438 min
Delta R.T.: -0.016 min
Response: 198914769
Conc: 248.58 ng/ml



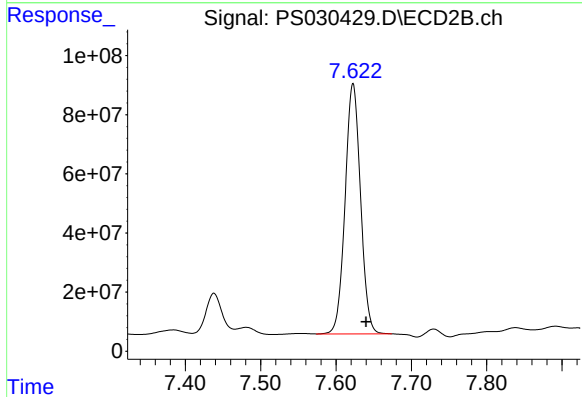
#5 DICAMBA

R.T.: 7.102 min
Delta R.T.: -0.008 min
Response: 3160088526
Conc: 273.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MS

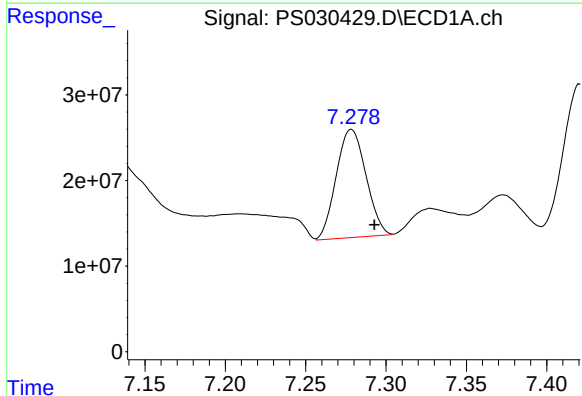
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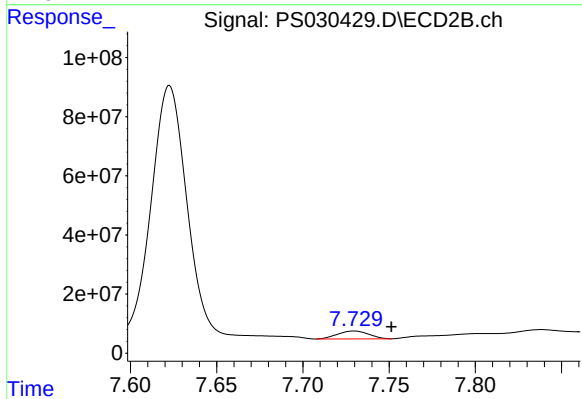
#5 DICAMBA

R.T.: 7.622 min
Delta R.T.: -0.018 min
Response: 1204243158
Conc: 254.71 ng/ml m



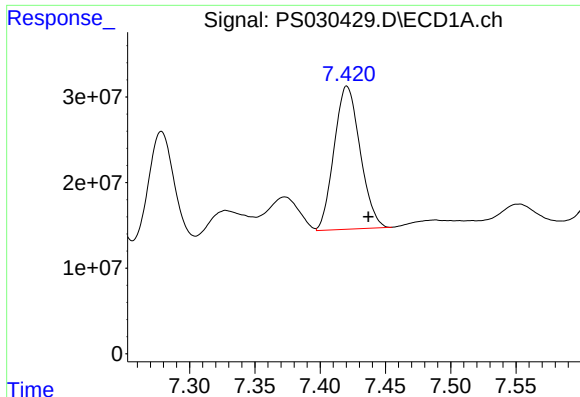
#6 MCPP

R.T.: 7.278 min
Delta R.T.: -0.015 min
Response: 162832101
Conc: 22.36 ug/ml m



#6 MCPP

R.T.: 7.730 min
Delta R.T.: -0.022 min
Response: 33422728
Conc: 18.17 ug/ml



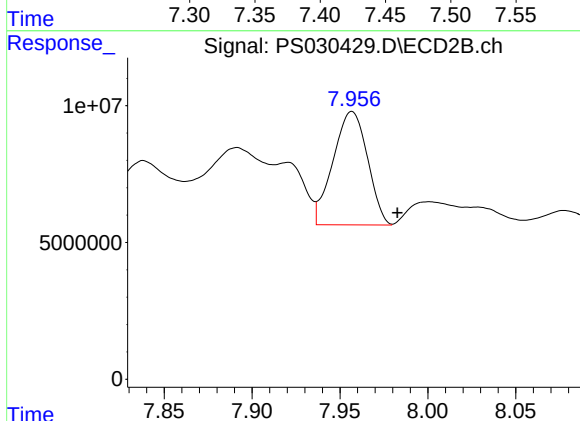
#7 MCPA

R.T.: 7.421 min
Delta R.T.: -0.016 min
Response: 231750675
Conc: 22.32 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MS

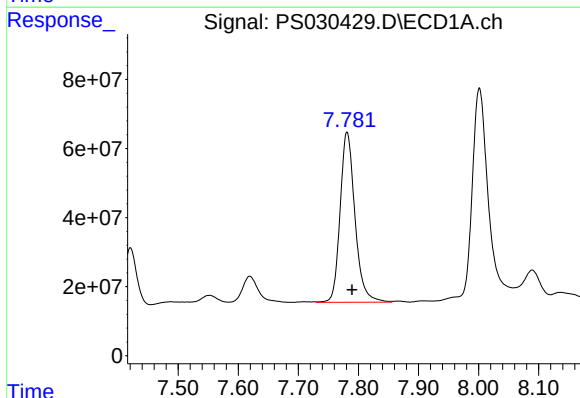
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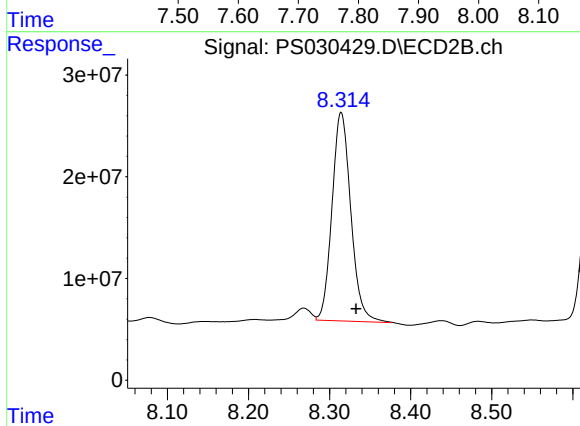
#7 MCPA

R.T.: 7.956 min
Delta R.T.: -0.026 min
Response: 56500015
Conc: 21.42 ug/ml m



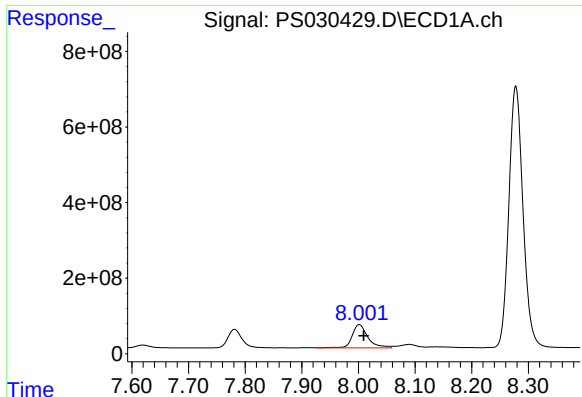
#8 DICHLORPROP

R.T.: 7.781 min
Delta R.T.: -0.008 min
Response: 845083452
Conc: 289.28 ng/ml



#8 DICHLORPROP

R.T.: 8.314 min
Delta R.T.: -0.019 min
Response: 330525435
Conc: 279.77 ng/ml m



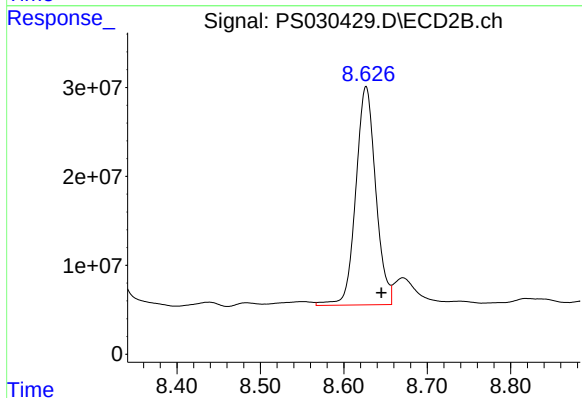
#9 2,4-D

R.T.: 8.001 min
Delta R.T.: -0.008 min
Response: 1183159887
Conc: 360.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MS

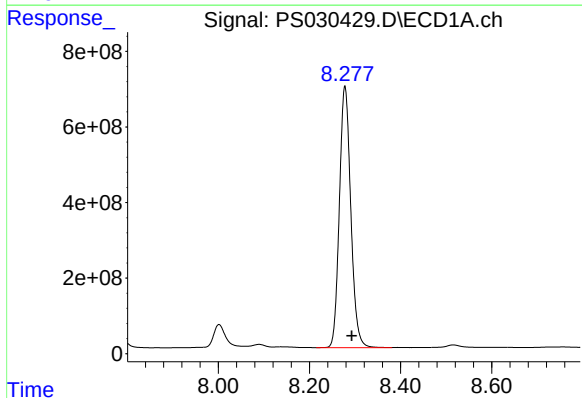
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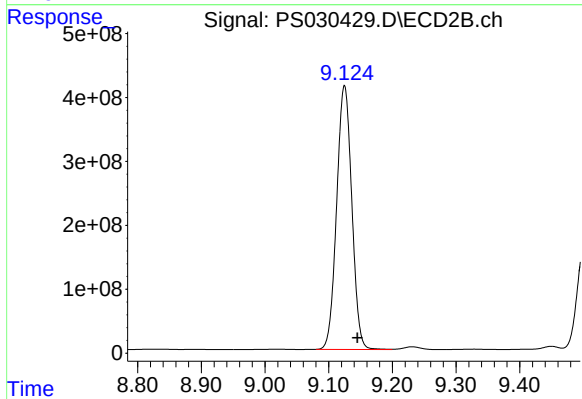
#9 2,4-D

R.T.: 8.627 min
Delta R.T.: -0.018 min
Response: 407297720
Conc: 315.61 ng/ml



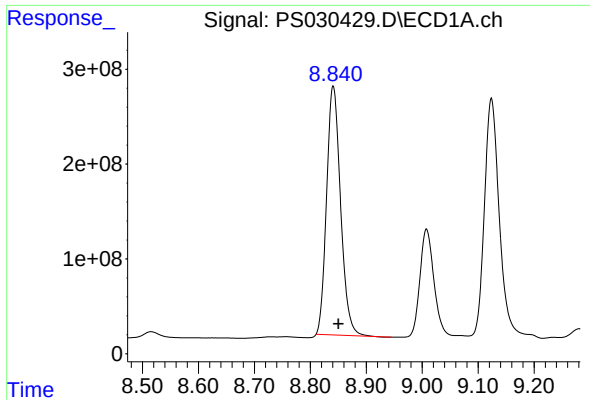
#10 Pentachlorophenol

R.T.: 8.278 min
Delta R.T.: -0.015 min
Response: 12007744599
Conc: 296.48 ng/ml



#10 Pentachlorophenol

R.T.: 9.125 min
Delta R.T.: -0.020 min
Response: 6814752812
Conc: 276.07 ng/ml



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

R.T.: 8.841 min
Delta R.T.: -0.010 min
Response: 4559515733
Conc: 281.52 ng/ml

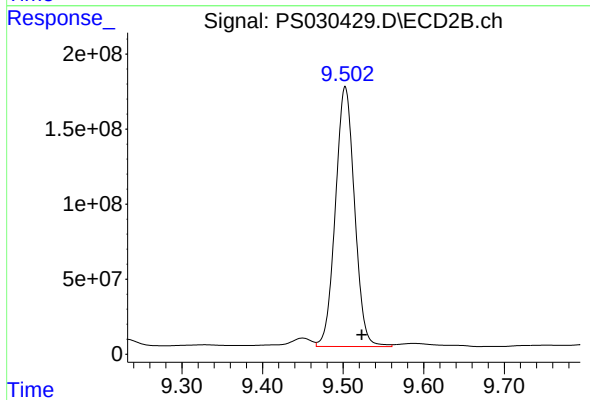
Instrument :

ECD_S

ClientSampleId :
TP-21MS

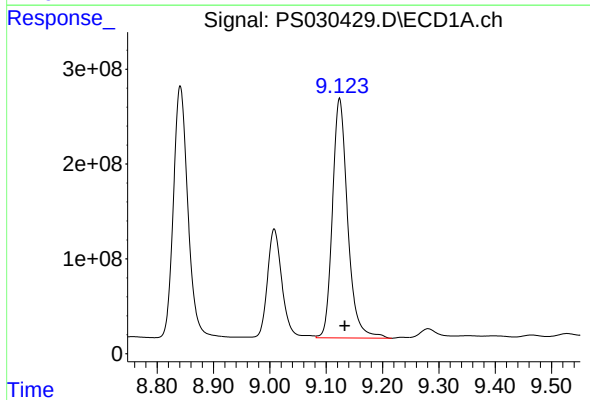
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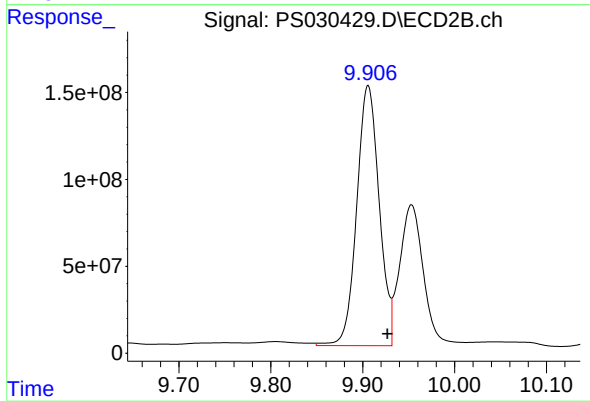
#11 2,4,5-TP (SILVEX)

R.T.: 9.503 min
Delta R.T.: -0.021 min
Response: 2852775602
Conc: 289.61 ng/ml



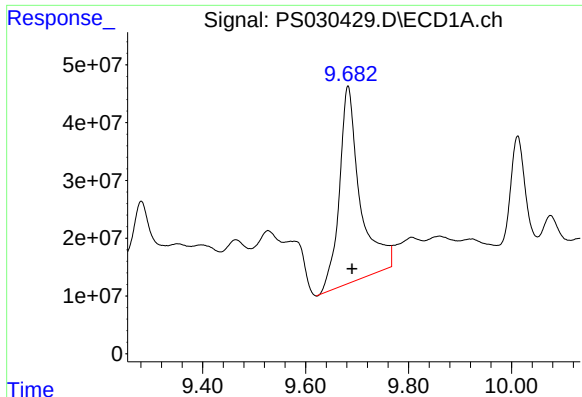
#12 2,4,5-T

R.T.: 9.124 min
Delta R.T.: -0.009 min
Response: 4732884630
Conc: 286.58 ng/ml



#12 2,4,5-T

R.T.: 9.906 min
Delta R.T.: -0.021 min
Response: 2540096491
Conc: 275.99 ng/ml



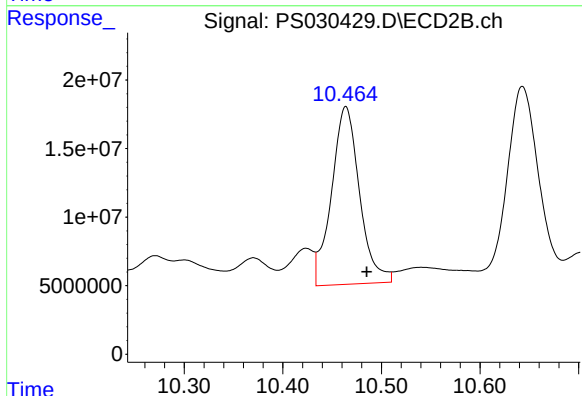
#13 2,4-DB

R.T.: 9.682 min
Delta R.T.: -0.008 min
Response: 956116599
Conc: 366.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MS

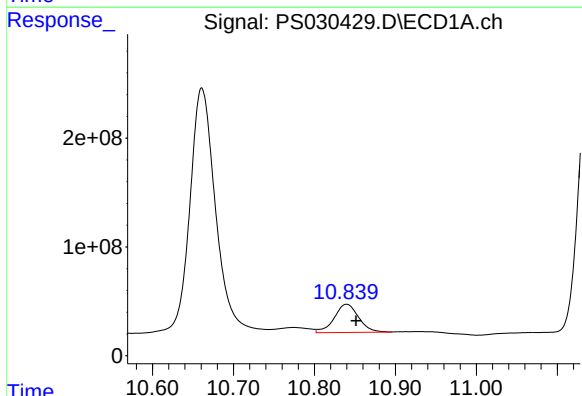
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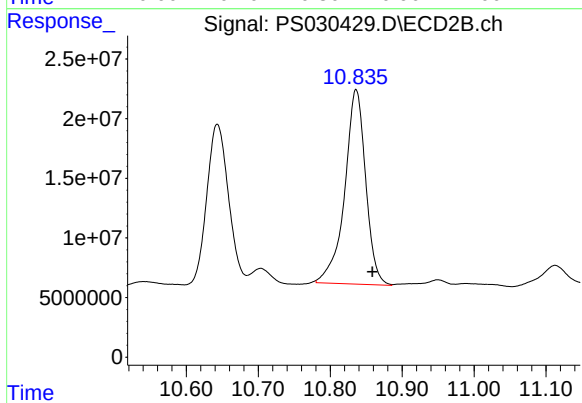
#13 2,4-DB

R.T.: 10.464 min
Delta R.T.: -0.021 min
Response: 256311618
Conc: 258.28 ng/ml



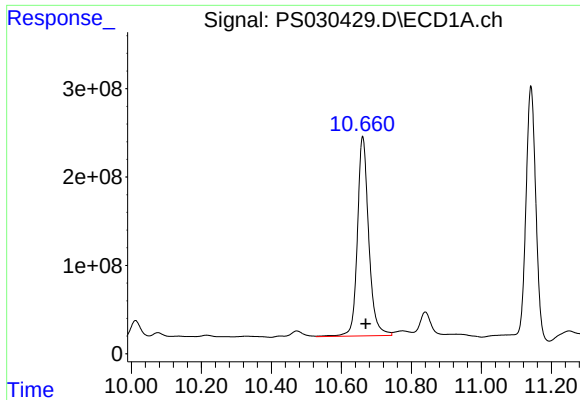
#14 DINOSEB

R.T.: 10.840 min
Delta R.T.: -0.012 min
Response: 546886700
Conc: 47.82 ng/ml



#14 DINOSEB

R.T.: 10.835 min
Delta R.T.: -0.024 min
Response: 330162538
Conc: 48.33 ng/ml m



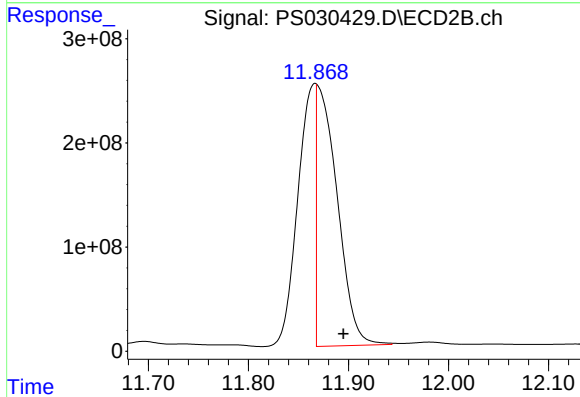
#15 Picloram

R.T.: 10.661 min
Delta R.T.: -0.009 min
Response: 5067027838
Conc: 236.92 ng/ml

Instrument :
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TP-21MS

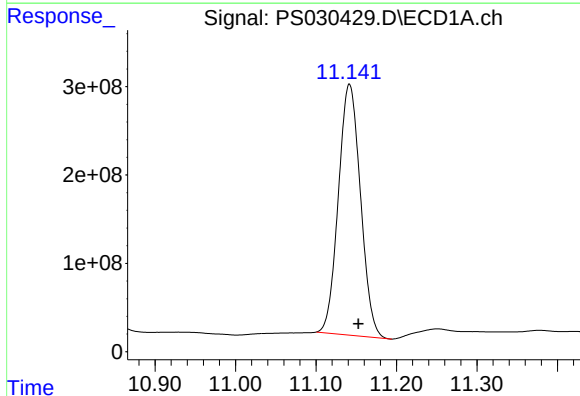
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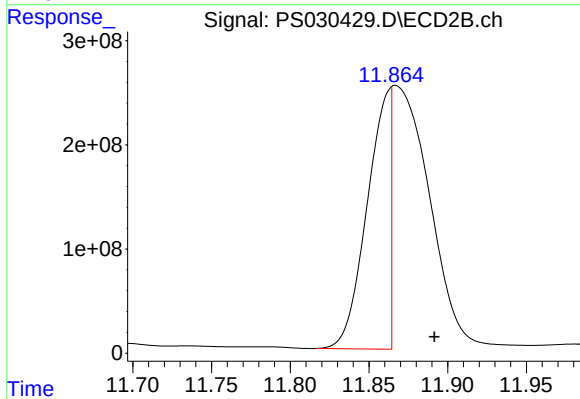
#15 Picloram

R.T.: 11.868 min
Delta R.T.: -0.027 min
Response: 3578029345
Conc: 254.25 ng/ml m



#16 DCPA

R.T.: 11.142 min
Delta R.T.: -0.011 min
Response: 5422693626
Conc: 272.34 ng/ml



#16 DCPA

R.T.: 11.864 min
Delta R.T.: -0.028 min
Response: 2666189235
Conc: 197.34 ng/ml m