

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS092325\
 Data File : PS031818.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 10:54
 Operator : AR\AJ
 Sample : Q3117-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 7211986-357MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 11:25:58 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	7.286	7.748	683.9E6	204.2E6	189.905m	224.711m
Target Compounds							
1) T	Dalapon	2.664	2.684	706.4E6	543.6E6	122.202m	192.932m#
2) T	3,5-DICHL...	6.453	6.700	1231.9E6	275.9E6	230.989	180.908
3) T	4-Nitroph...	7.103	7.314f	194.9E6	182.4E6	176.642	144.423m
5) T	DICAMBA	7.468	7.939	3452.4E6	1330.0E6	221.357	204.403m
6) T	MCPD	7.644	8.033	139.4E6	25035440	15.595	13.293
7) T	MCPA	7.793	8.279	215.6E6	49967216	19.409	17.838
8) T	DICHLORPROP	8.178	8.661	880.5E6	344.4E6	247.210	236.674
9) T	2,4-D	8.419	9.008	915.4E6	437.9E6	267.231	266.157
10) T	Pentachlo...	8.707	9.509	12332.8E6	8202.2E6	232.284	206.653
11) T	2,4,5-TP ...	9.286	9.894	5236.8E6	3543.1E6	249.686	235.354
12) T	2,4,5-T	9.587	10.329	4347.1E6	2824.6E6	237.571	209.901
13) T	2,4-DB	10.163	10.898	405.2E6	182.0E6	173.679m	170.088
14) T	DINOSEB	11.354	11.268	704.1E6	283.7E6	48.821	29.187m#
15) T	Picloram	11.195	12.398	3350.1E6	3333.3E6	186.001	140.747
16) T	DCPA	11.648	12.307	5085.7E6	5389.8E6	188.708	223.606

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

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ALS Vial : 5 Sample Multiplier: 1

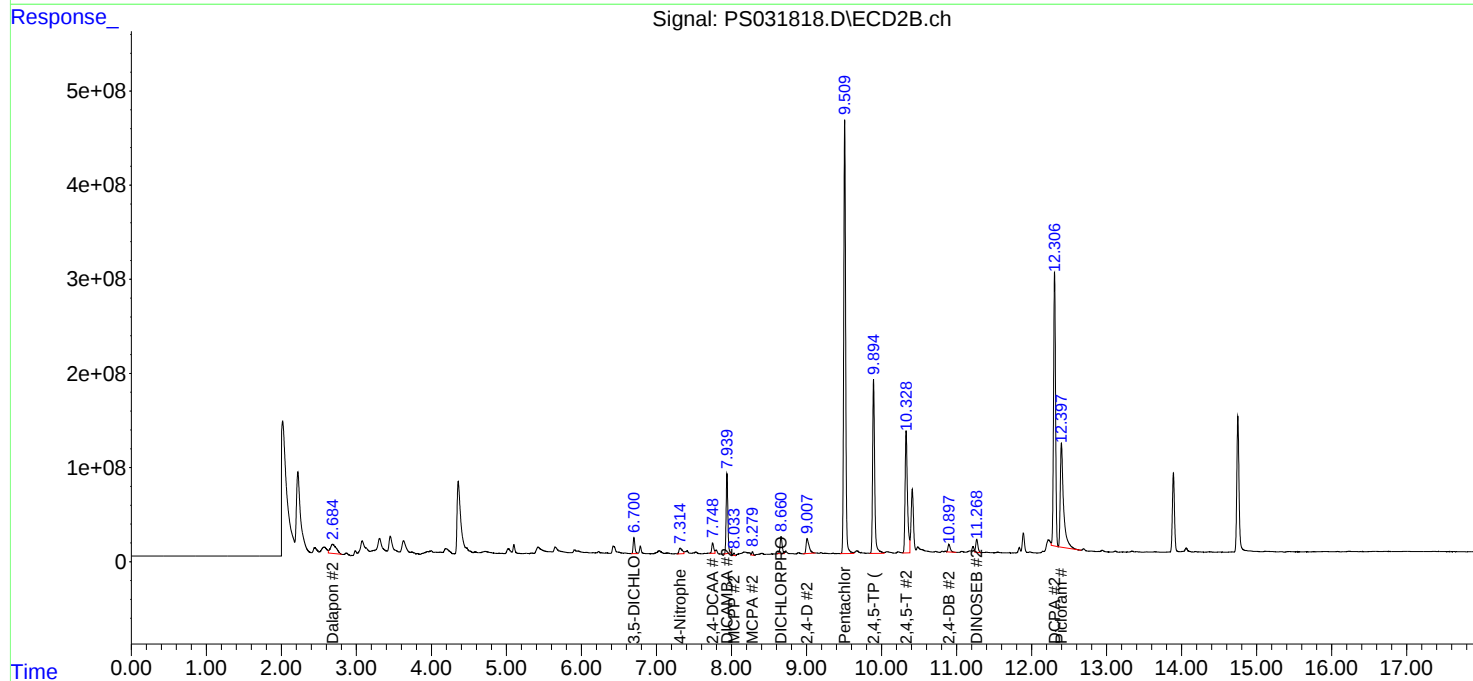
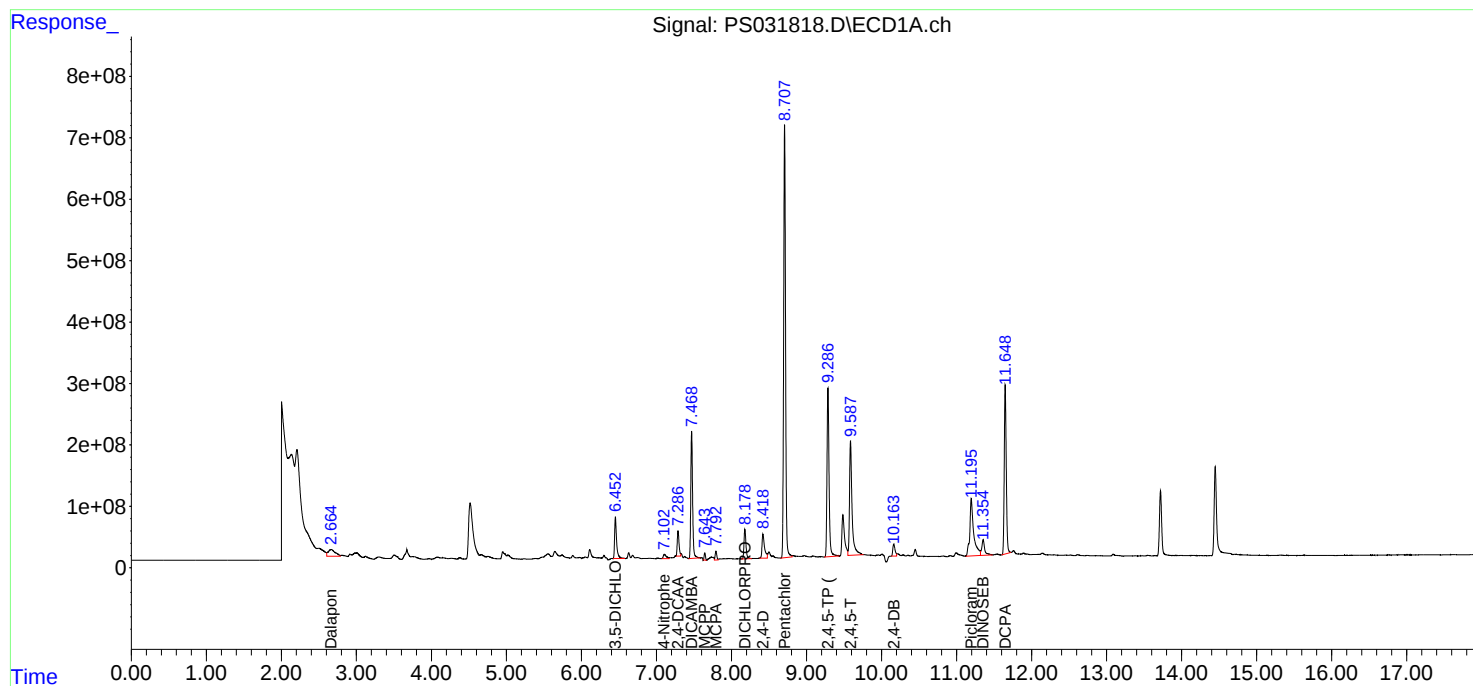
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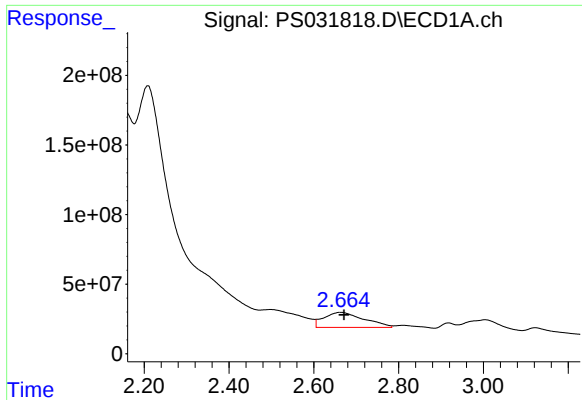
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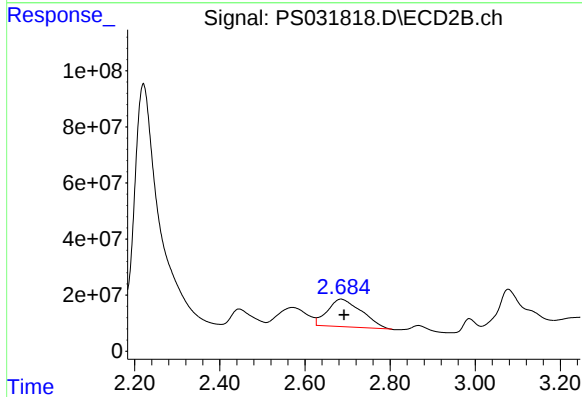
#1 Dalapon

R.T.: 2.664 min
Delta R.T.: -0.007 min
Response: 706416948
Conc: 122.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
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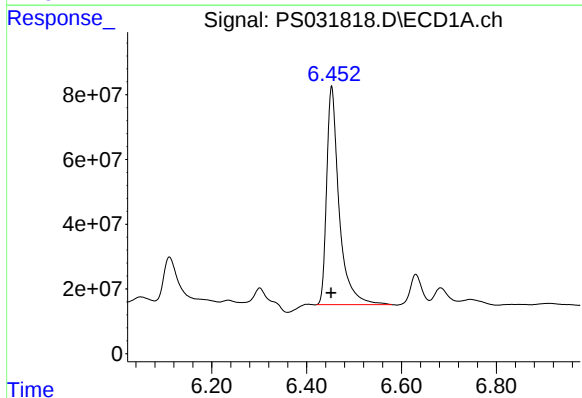
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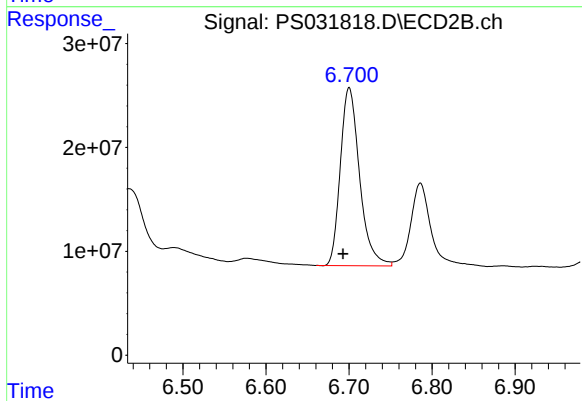
#1 Dalapon

R.T.: 2.684 min
Delta R.T.: -0.007 min
Response: 543611762
Conc: 192.93 ng/ml m



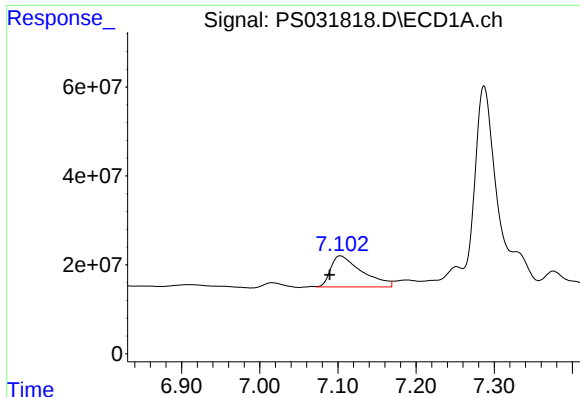
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.001 min
Response: 1231949823
Conc: 230.99 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.700 min
Delta R.T.: 0.007 min
Response: 275878128
Conc: 180.91 ng/ml



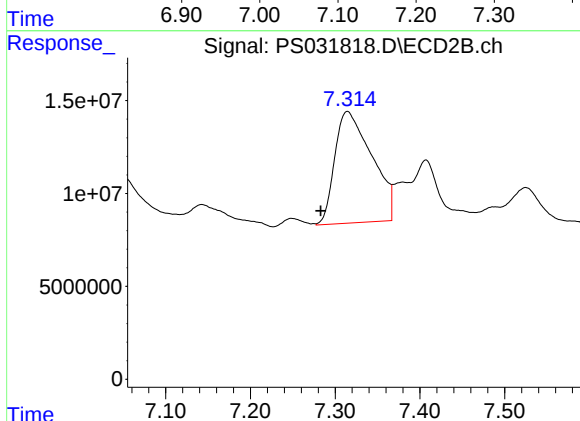
#3 4-Nitrophenol

R.T.: 7.103 min
Delta R.T.: 0.013 min
Response: 194873529
Conc: 176.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
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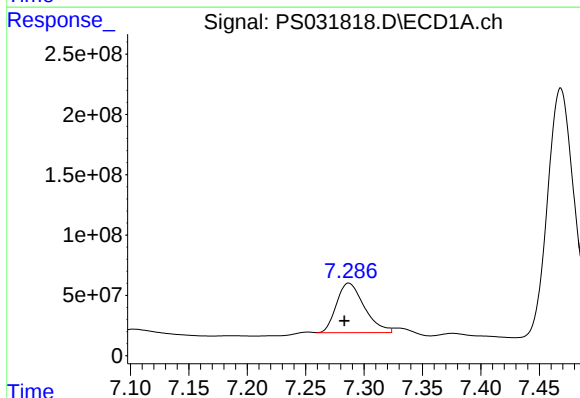
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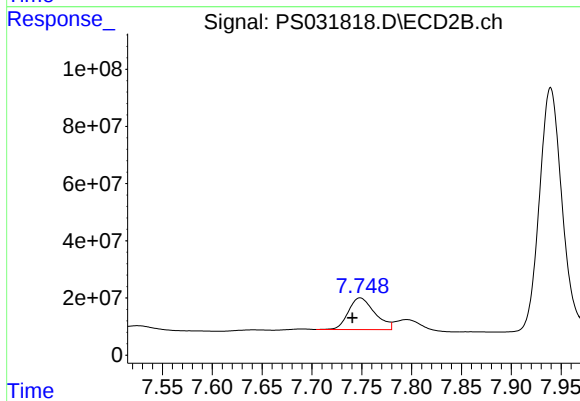
#3 4-Nitrophenol

R.T.: 7.314 min
Delta R.T.: 0.031 min
Response: 182374989
Conc: 144.42 ng/ml m



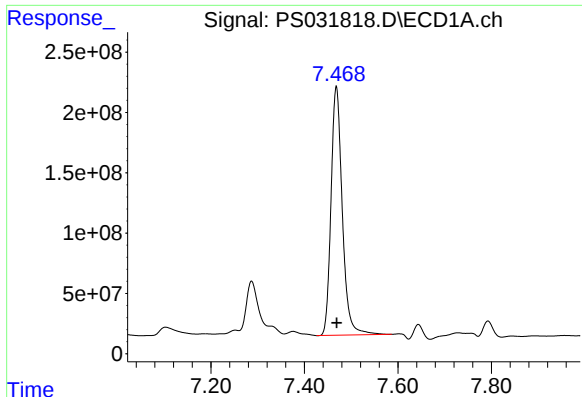
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: 0.003 min
Response: 683948763
Conc: 189.91 ng/ml m



#4 2,4-DCAA

R.T.: 7.748 min
Delta R.T.: 0.007 min
Response: 204239441
Conc: 224.71 ng/ml m



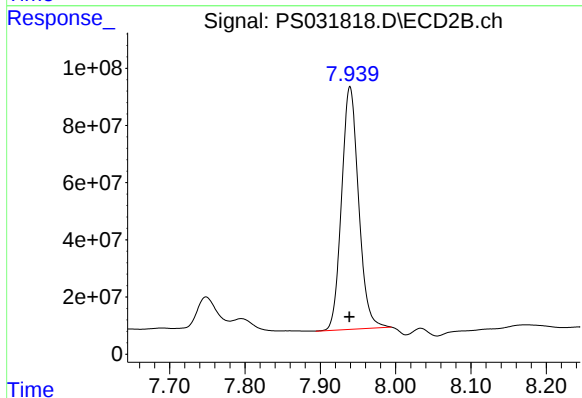
#5 DICAMBA

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 3452435553
Conc: 221.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MS

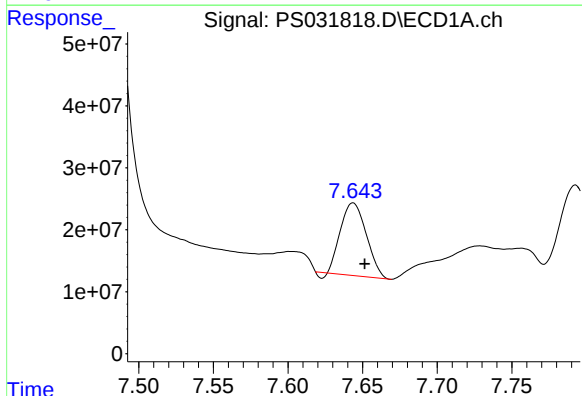
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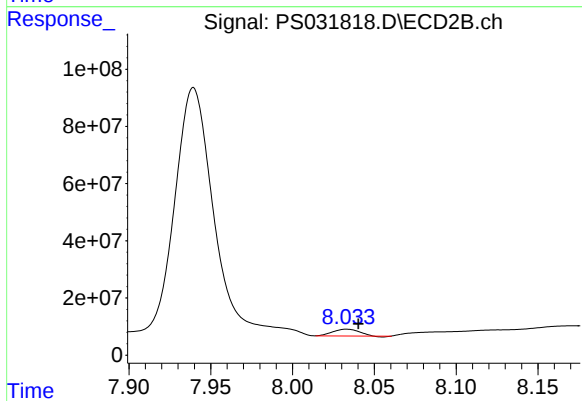
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 1330016121
Conc: 204.40 ng/ml m



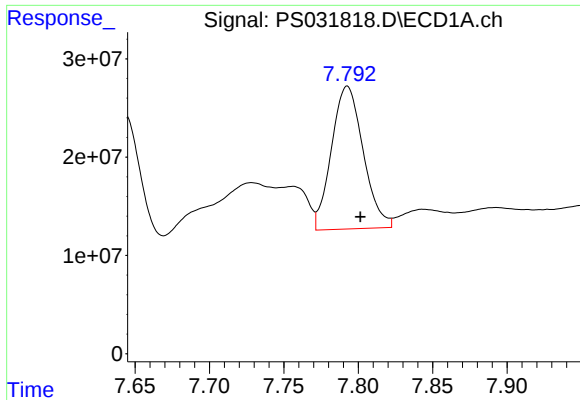
#6 MCPP

R.T.: 7.644 min
Delta R.T.: -0.008 min
Response: 139411699
Conc: 15.60 ug/ml



#6 MCPP

R.T.: 8.033 min
Delta R.T.: -0.007 min
Response: 25035440
Conc: 13.29 ug/ml



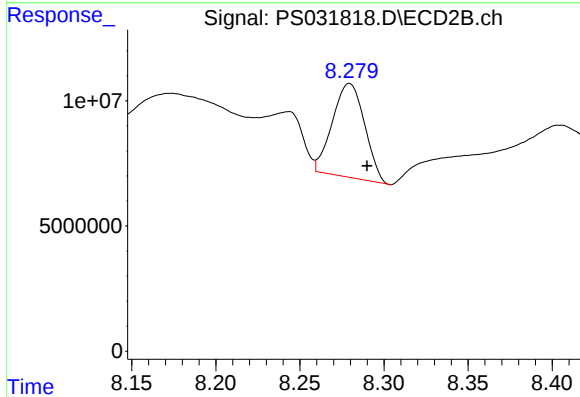
#7 MCPA

R.T.: 7.793 min
Delta R.T.: -0.009 min
Response: 215645867
Conc: 19.41 ug/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MS

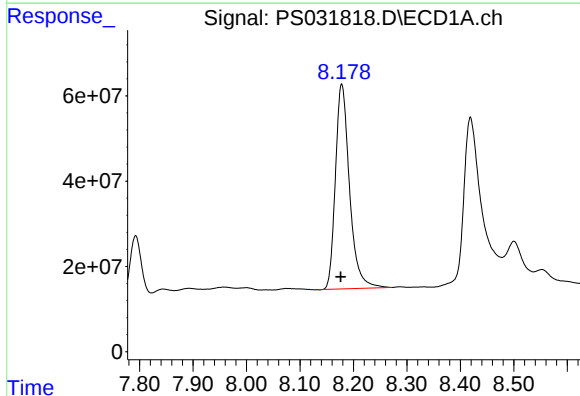
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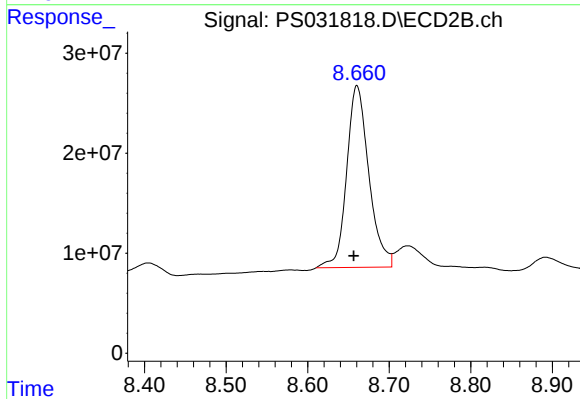
#7 MCPA

R.T.: 8.279 min
Delta R.T.: -0.011 min
Response: 49967216
Conc: 17.84 ug/ml



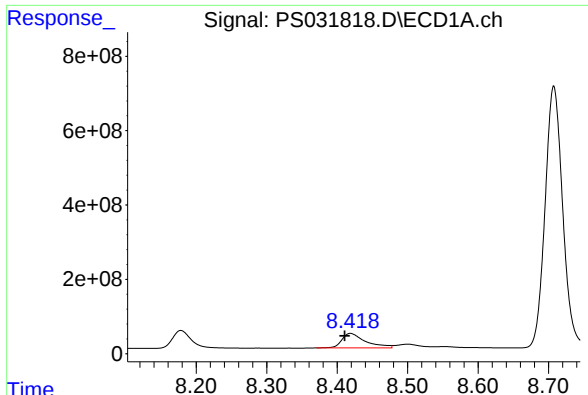
#8 DICHLORPROP

R.T.: 8.178 min
Delta R.T.: 0.002 min
Response: 880504177
Conc: 247.21 ng/ml



#8 DICHLORPROP

R.T.: 8.661 min
Delta R.T.: 0.004 min
Response: 344375114
Conc: 236.67 ng/ml



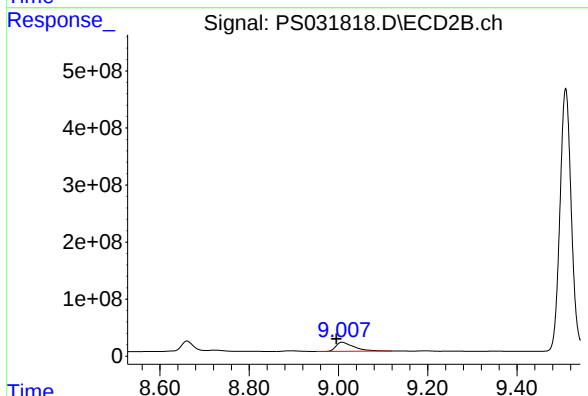
#9 2,4-D

R.T.: 8.419 min
Delta R.T.: 0.008 min
Response: 915438501
Conc: 267.23 ng/ml

Instrument :
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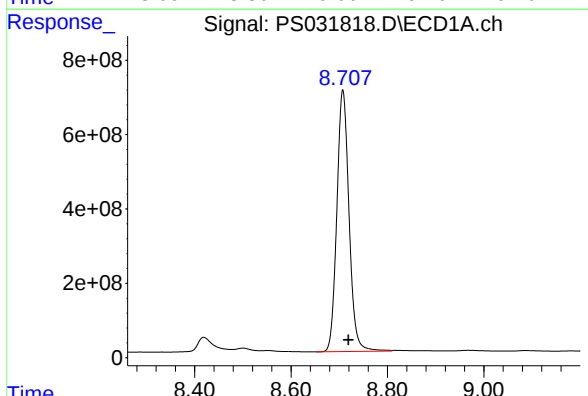
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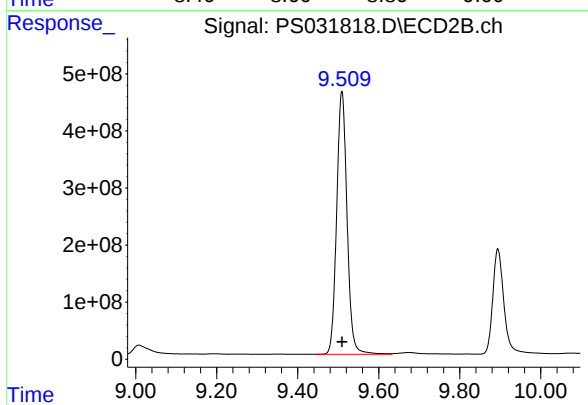
#9 2,4-D

R.T.: 9.008 min
Delta R.T.: 0.012 min
Response: 437857781
Conc: 266.16 ng/ml



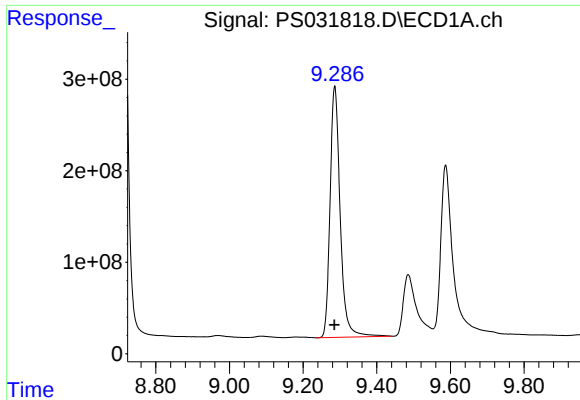
#10 Pentachlorophenol

R.T.: 8.707 min
Delta R.T.: -0.011 min
Response: 12332841141
Conc: 232.28 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: 0.000 min
Response: 8202165769
Conc: 206.65 ng/ml



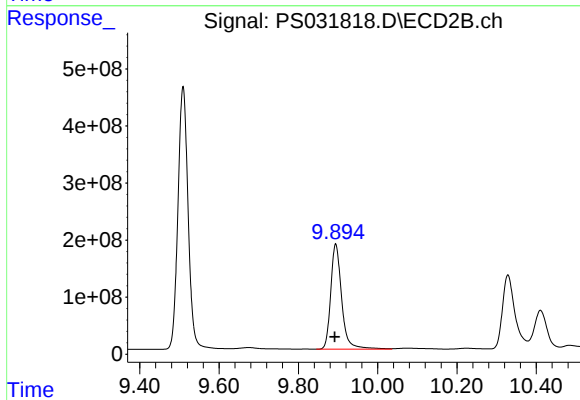
#11 2,4,5-TP (SILVEX)

R.T.: 9.286 min
Delta R.T.: 0.000 min
Response: 5236846265
Conc: 249.69 ng/ml

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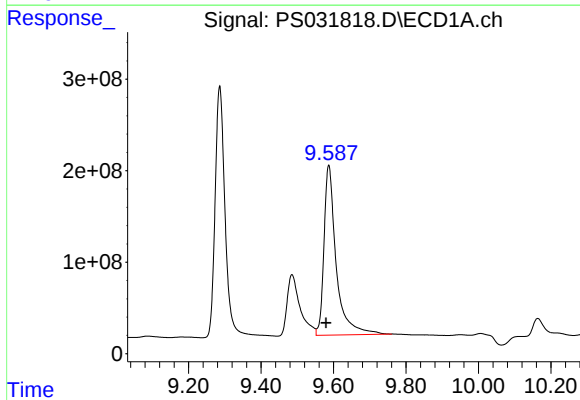
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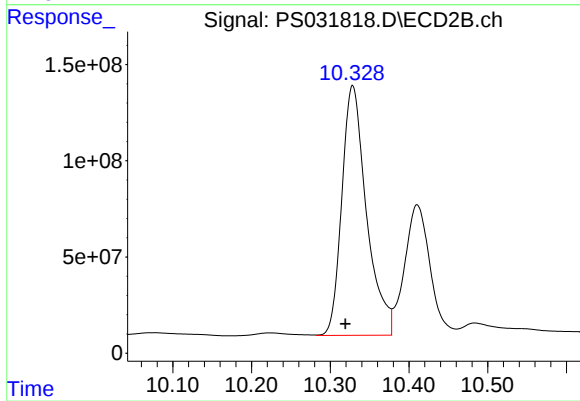
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: 0.002 min
Response: 3543098286
Conc: 235.35 ng/ml



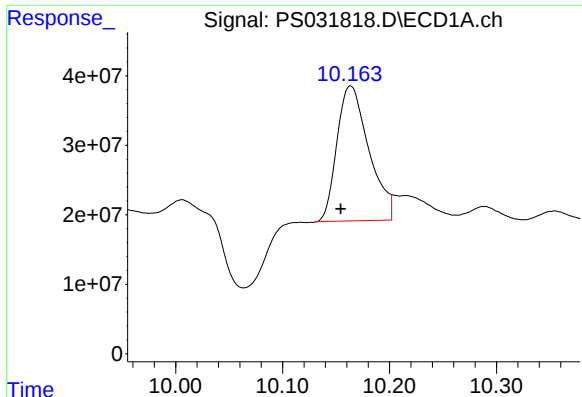
#12 2,4,5-T

R.T.: 9.587 min
Delta R.T.: 0.007 min
Response: 4347110218
Conc: 237.57 ng/ml



#12 2,4,5-T

R.T.: 10.329 min
Delta R.T.: 0.009 min
Response: 2824646807
Conc: 209.90 ng/ml



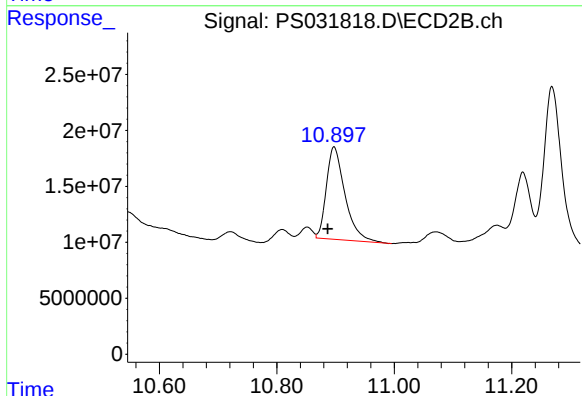
#13 2,4-DB

R.T.: 10.163 min
Delta R.T.: 0.009 min
Response: 405153112
Conc: 173.68 ng/ml

Instrument :
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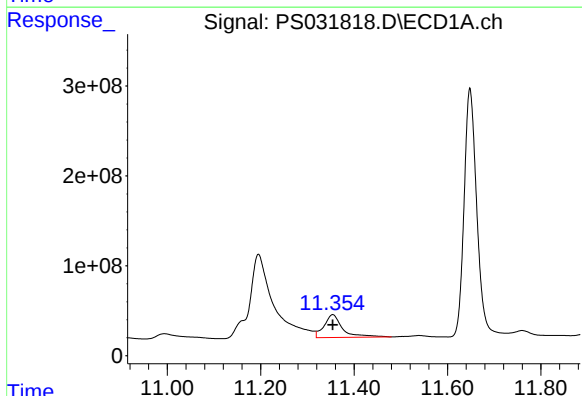
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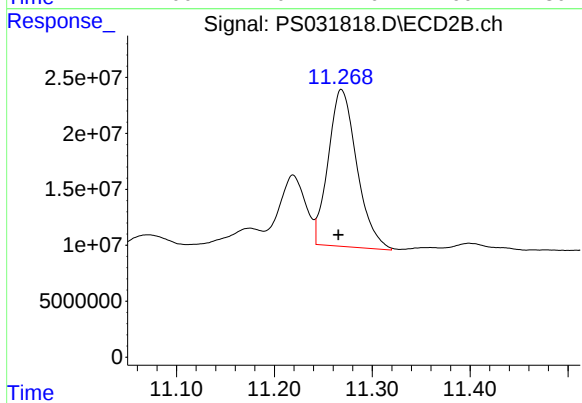
#13 2,4-DB

R.T.: 10.898 min
Delta R.T.: 0.011 min
Response: 182001496
Conc: 170.09 ng/ml



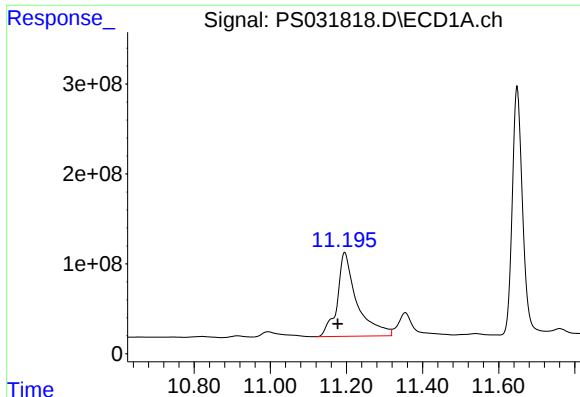
#14 DINOSEB

R.T.: 11.354 min
Delta R.T.: 0.000 min
Response: 704124668
Conc: 48.82 ng/ml



#14 DINOSEB

R.T.: 11.268 min
Delta R.T.: 0.002 min
Response: 283713243
Conc: 29.19 ng/ml m



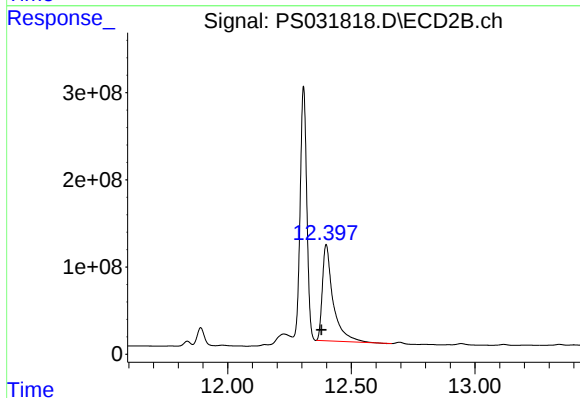
#15 Picloram

R.T.: 11.195 min
Delta R.T.: 0.018 min
Response: 3350083385
Conc: 186.00 ng/ml

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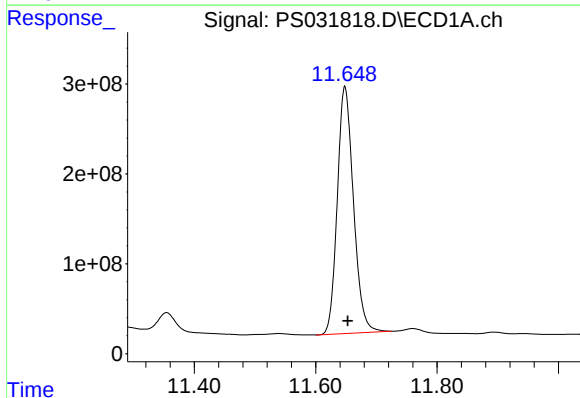
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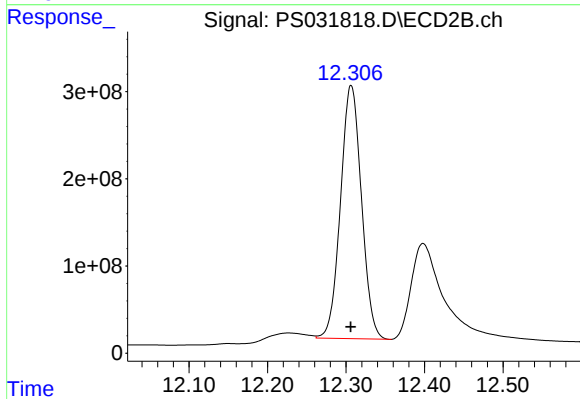
#15 Picloram

R.T.: 12.398 min
Delta R.T.: 0.019 min
Response: 3333344990
Conc: 140.75 ng/ml



#16 DCPA

R.T.: 11.648 min
Delta R.T.: -0.005 min
Response: 5085654956
Conc: 188.71 ng/ml



#16 DCPA

R.T.: 12.307 min
Delta R.T.: 0.000 min
Response: 5389832615
Conc: 223.61 ng/ml