

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS092425\
 Data File : PS031825.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2025 11:29
 Operator : AR\AJ
 Sample : Q3117-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 7211986-357MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/25/2025
 Supervised By :mohammad ahmed 09/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 01:57:03 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	7.285	7.743	781.2E6	221.8E6	216.904	244.038
Target Compounds							
1) T	Dalapon	2.670	2.691	1163.3E6	1047.8E6	201.229m	371.856m#
2) T	3,5-DICHL...	6.454	6.698	1039.5E6	298.2E6	194.899	195.554m
3) T	4-Nitroph...	7.096	7.301	328.6E6	305.7E6	297.888	242.104
5) T	DICAMBA	7.468	7.939	3106.9E6	1218.6E6	199.201	187.276
6) T	MCPD	7.644	8.033	150.8E6	22679109	16.867	12.042 #
7) T	MCPA	7.792	8.277	239.5E6	77214047	21.560	27.564m#
8) T	DICHLORPROP	8.178	8.657	695.2E6	275.6E6	195.176	189.383
9) T	2,4-D	8.415	9.001	857.6E6	344.2E6	250.346	209.230
10) T	Pentachlo...	8.706	9.508	10351.0E6	7215.6E6	194.957	181.797
11) T	2,4,5-TP ...	9.285	9.892	3600.9E6	2676.0E6	171.686	177.756
12) T	2,4,5-T	9.583	10.323	3296.9E6	2390.1E6	180.174	177.613
13) T	2,4-DB	10.159	10.891	363.0E6	354.0E6	155.596m	330.830 #
14) T	DINOSEB	11.351	11.265	2231.1E6	1667.5E6	154.691m	171.541
15) T	Picloram	11.184	12.385	4408.7E6	4865.3E6	244.780	205.434
16) T	DCPA	11.650	12.305	8692.8E6	7823.3E6	322.553	324.564m

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

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Acq On : 24 Sep 2025 11:29
Operator : AR\AJ
Sample : Q3117-01MS
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ALS Vial : 4 Sample Multiplier: 1

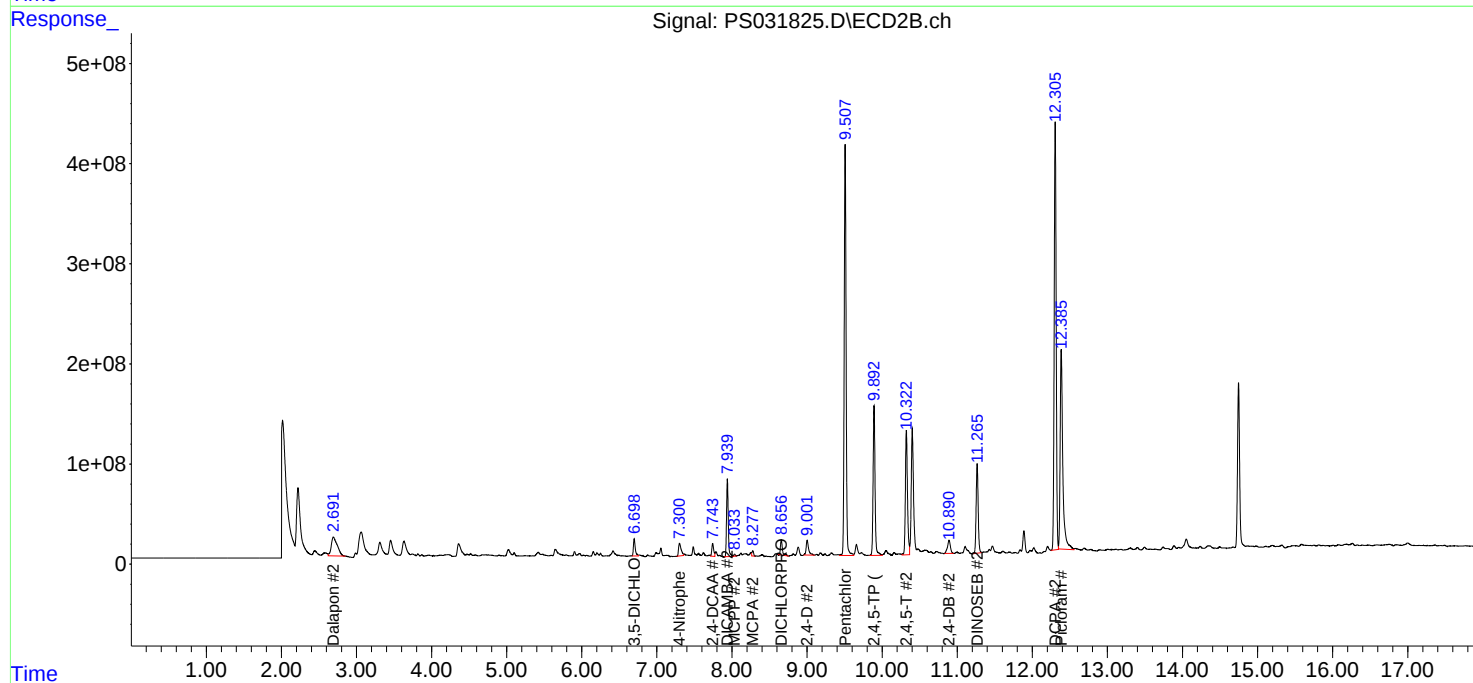
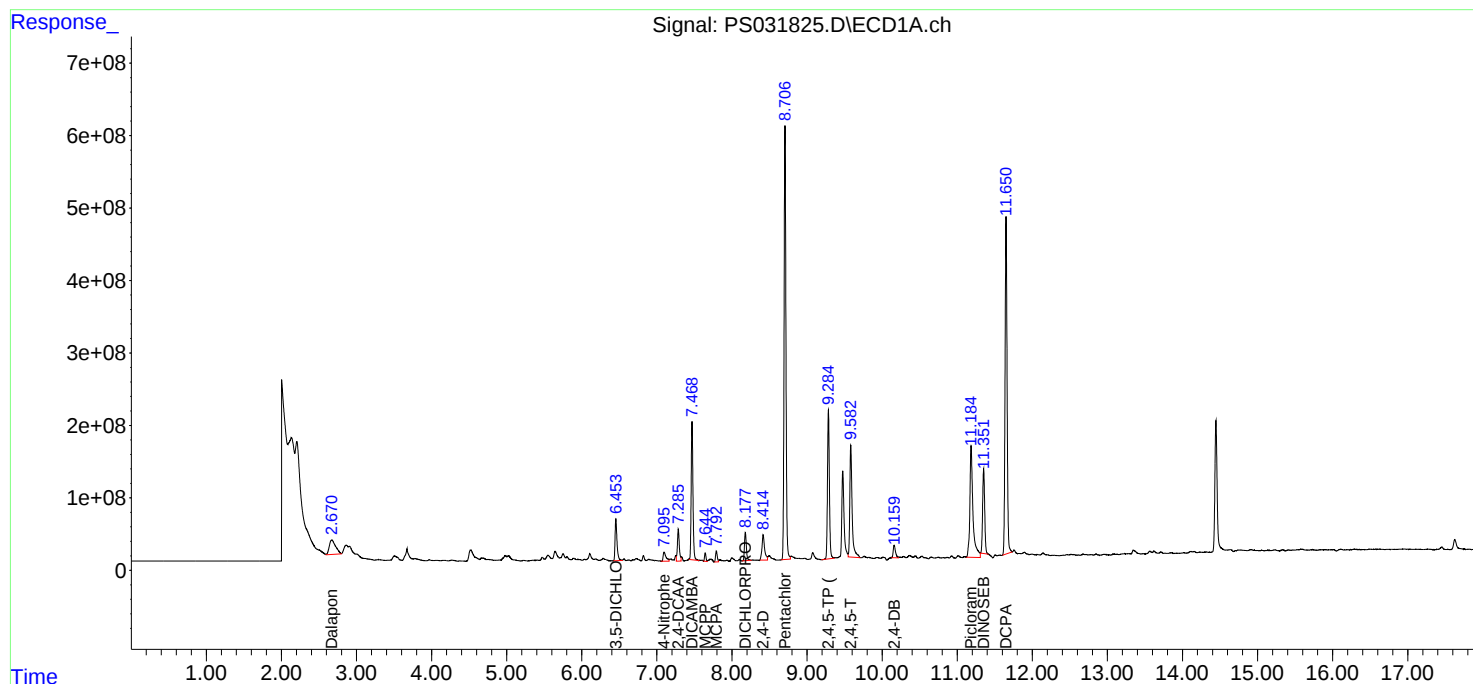
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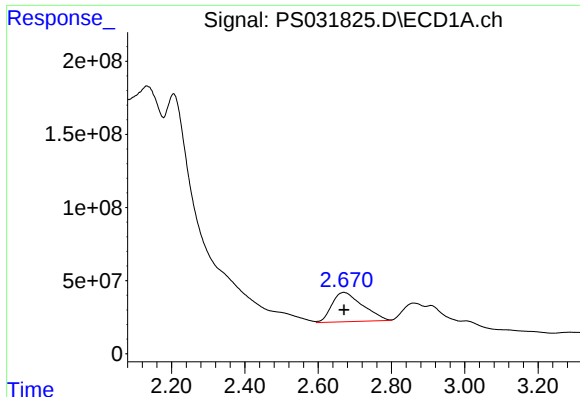
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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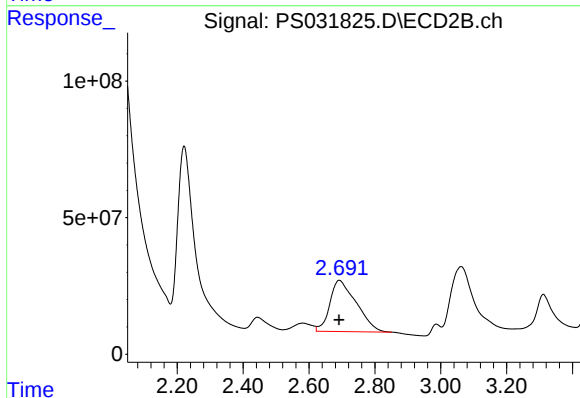
#1 Dalapon

R.T.: 2.670 min
Delta R.T.: -0.001 min
Response: 1163250773
Conc: 201.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MS

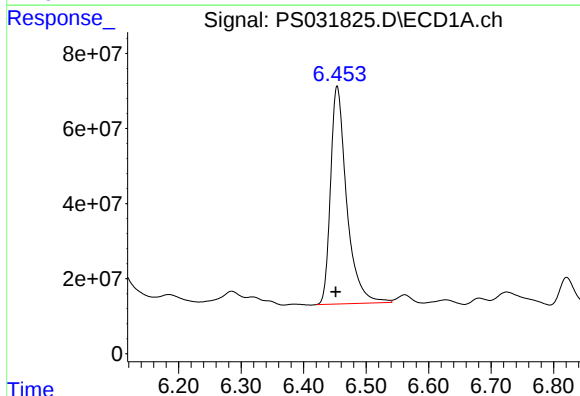
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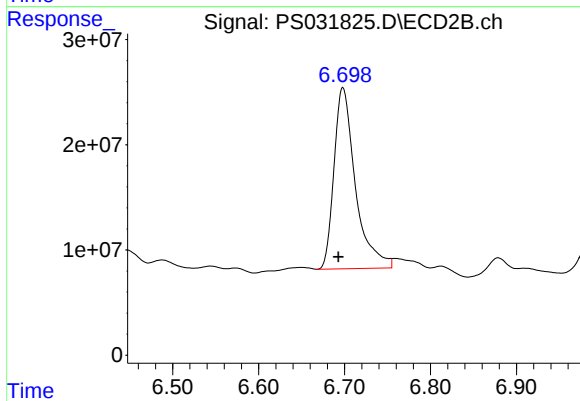
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: 0.000 min
Response: 1047752581
Conc: 371.86 ng/ml m



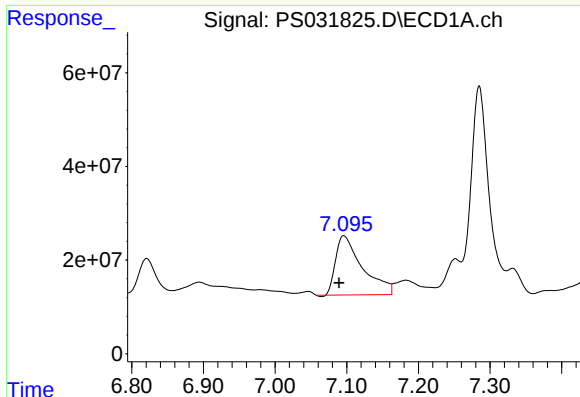
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: 0.002 min
Response: 1039464044
Conc: 194.90 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.698 min
Delta R.T.: 0.005 min
Response: 298213481
Conc: 195.55 ng/ml m



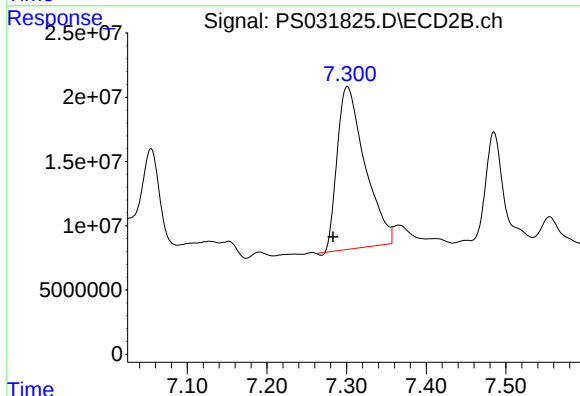
#3 4-Nitrophenol

R.T.: 7.096 min
Delta R.T.: 0.006 min
Response: 328633045
Conc: 297.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MS

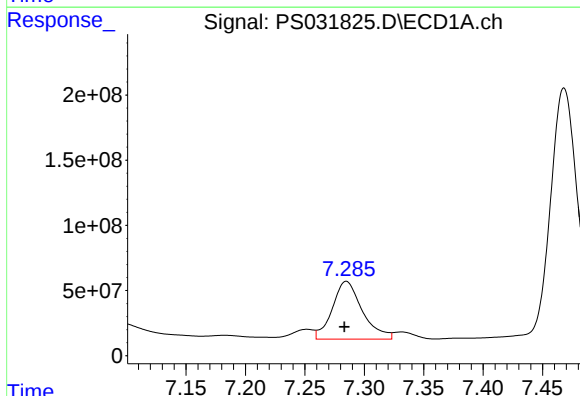
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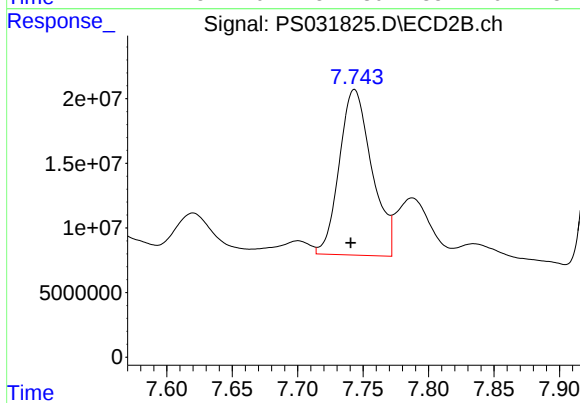
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.018 min
Response: 305725421
Conc: 242.10 ng/ml



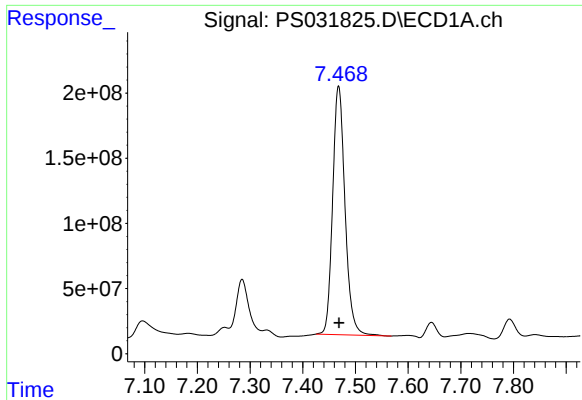
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: 0.002 min
Response: 781184340
Conc: 216.90 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.003 min
Response: 221806384
Conc: 244.04 ng/ml



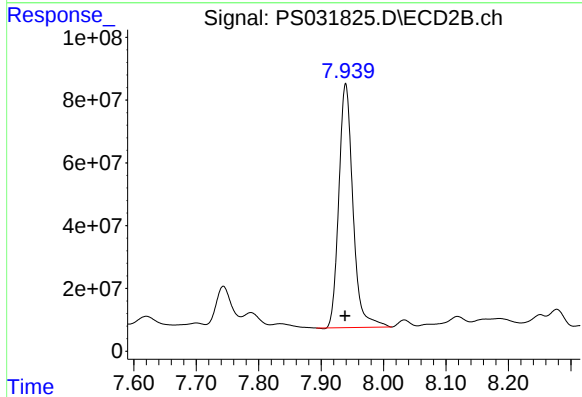
#5 DICAMBA

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 3106873413
Conc: 199.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MS

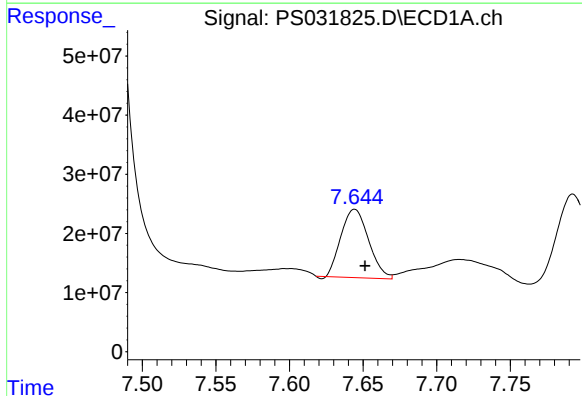
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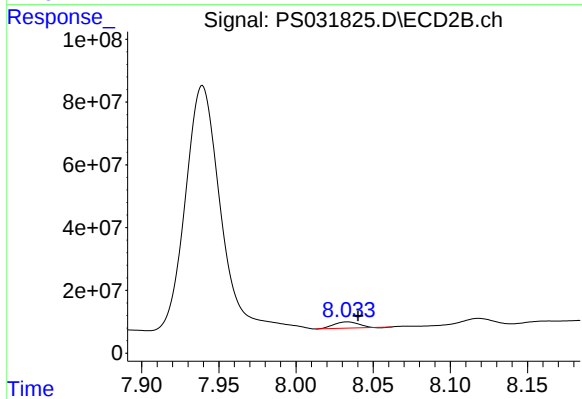
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 1218575739
Conc: 187.28 ng/ml



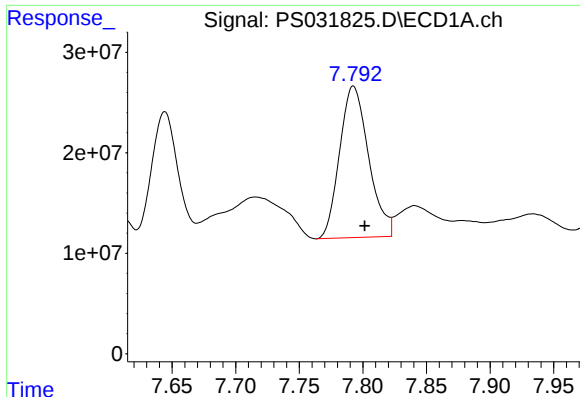
#6 MCP

R.T.: 7.644 min
Delta R.T.: -0.007 min
Response: 150782358
Conc: 16.87 ug/ml



#6 MCP

R.T.: 8.033 min
Delta R.T.: -0.007 min
Response: 22679109
Conc: 12.04 ug/ml



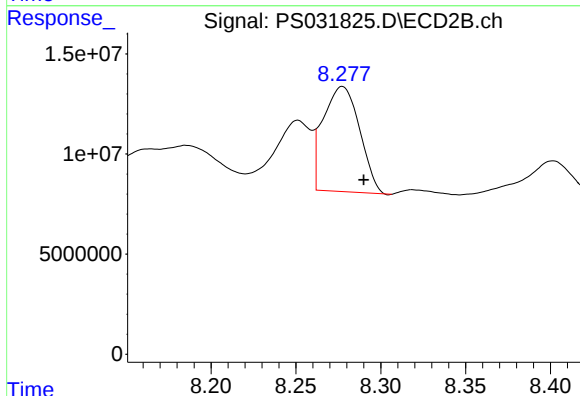
#7 MCPA

R.T.: 7.792 min
Delta R.T.: -0.009 min
Response: 239543433
Conc: 21.56 ug/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MS

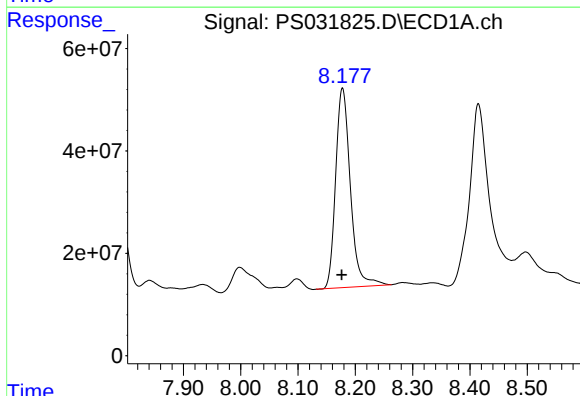
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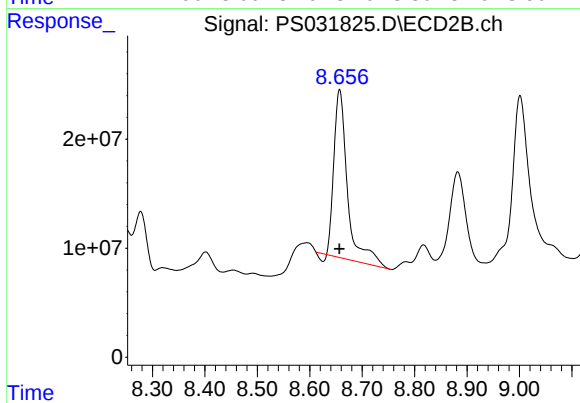
#7 MCPA

R.T.: 8.277 min
Delta R.T.: -0.013 min
Response: 77214047
Conc: 27.56 ug/ml m



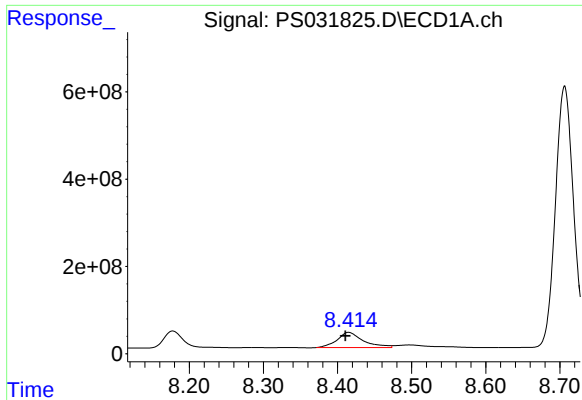
#8 DICHLORPROP

R.T.: 8.178 min
Delta R.T.: 0.001 min
Response: 695172180
Conc: 195.18 ng/ml



#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: 0.000 min
Response: 275564381
Conc: 189.38 ng/ml



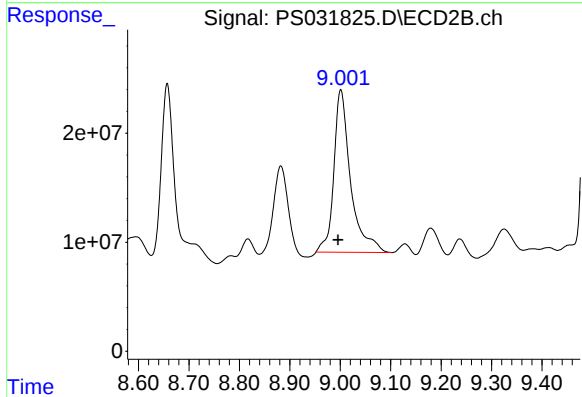
#9 2,4-D

R.T.: 8.415 min
Delta R.T.: 0.004 min
Response: 857597068
Conc: 250.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MS

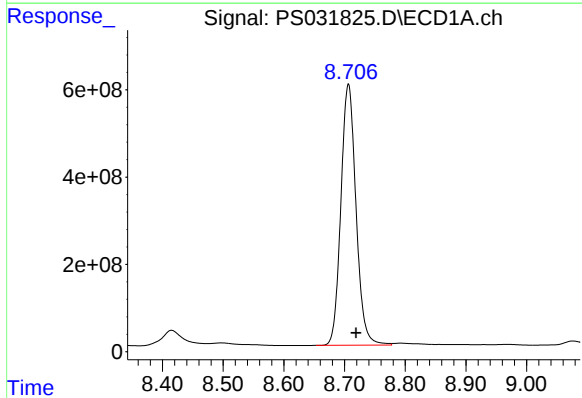
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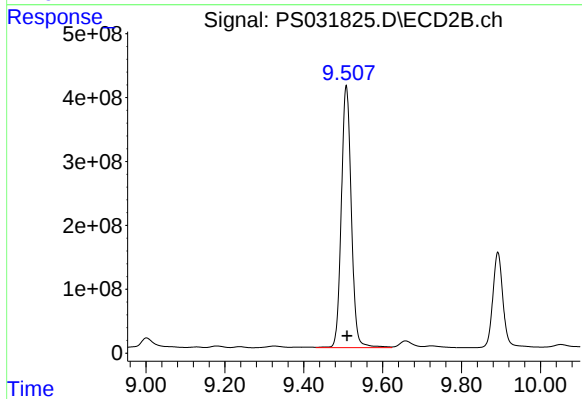
#9 2,4-D

R.T.: 9.001 min
Delta R.T.: 0.006 min
Response: 344206451
Conc: 209.23 ng/ml



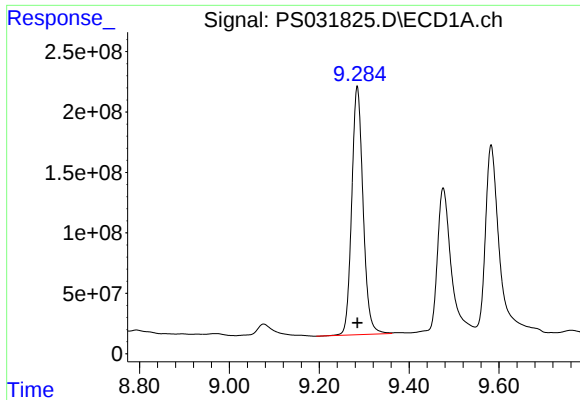
#10 Pentachlorophenol

R.T.: 8.706 min
Delta R.T.: -0.012 min
Response: 10351001708
Conc: 194.96 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.002 min
Response: 7215635072
Conc: 181.80 ng/ml



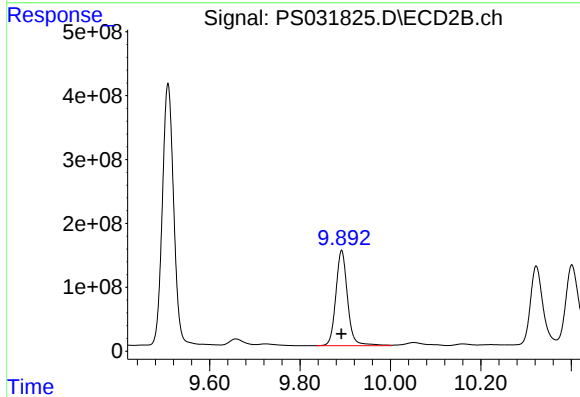
#11 2,4,5-TP (SILVEX)

R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 3600891556
Conc: 171.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MS

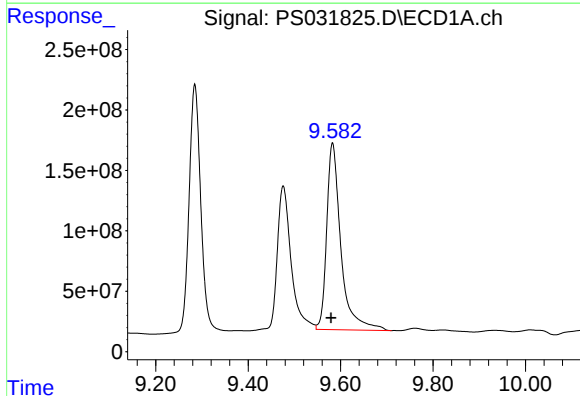
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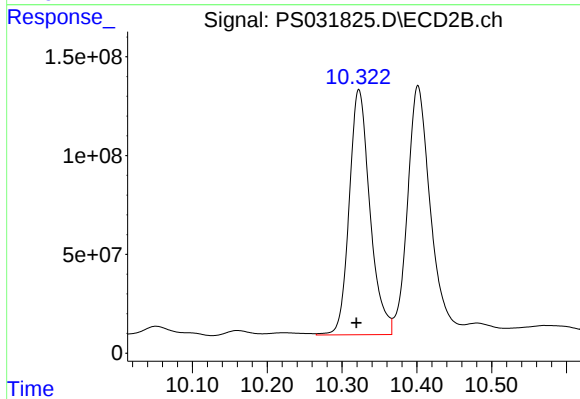
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: 0.000 min
Response: 2675988298
Conc: 177.76 ng/ml



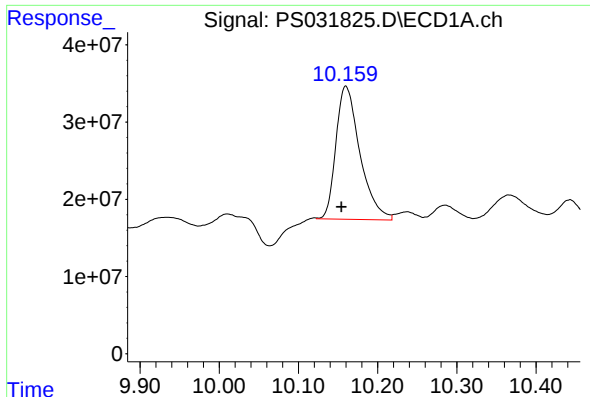
#12 2,4,5-T

R.T.: 9.583 min
Delta R.T.: 0.003 min
Response: 3296852498
Conc: 180.17 ng/ml



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: 0.004 min
Response: 2390146491
Conc: 177.61 ng/ml



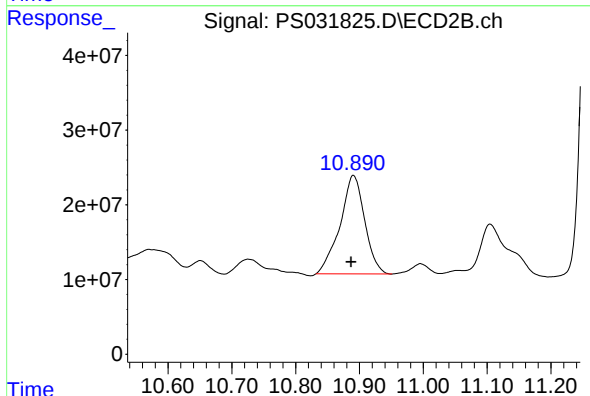
#13 2,4-DB

R.T.: 10.159 min
Delta R.T.: 0.005 min
Response: 362970229
Conc: 155.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MS

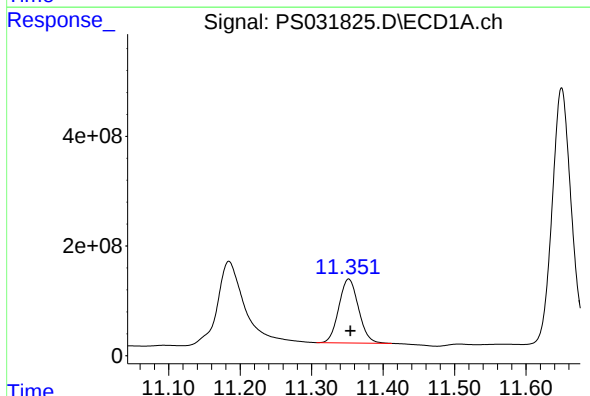
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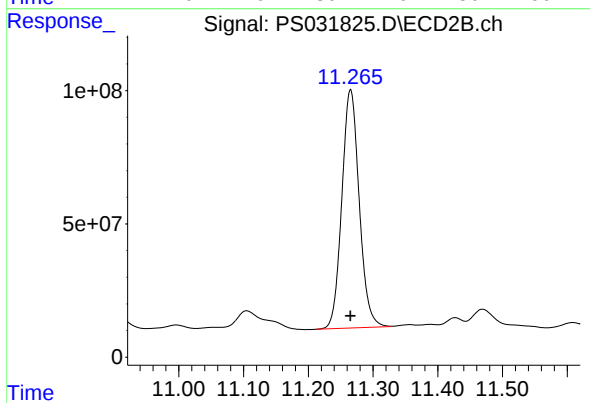
#13 2,4-DB

R.T.: 10.891 min
Delta R.T.: 0.004 min
Response: 354002878
Conc: 330.83 ng/ml



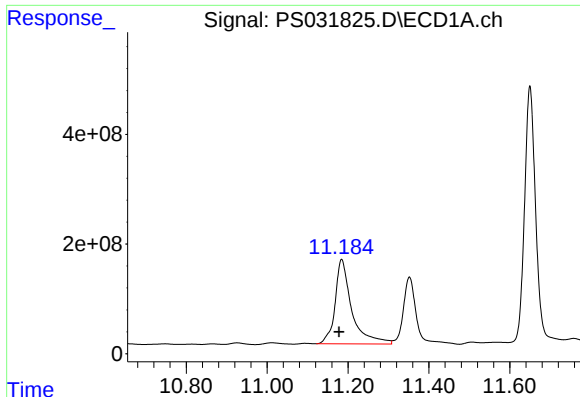
#14 DINOSEB

R.T.: 11.351 min
Delta R.T.: -0.003 min
Response: 2231065346
Conc: 154.69 ng/ml m



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 1667495080
Conc: 171.54 ng/ml



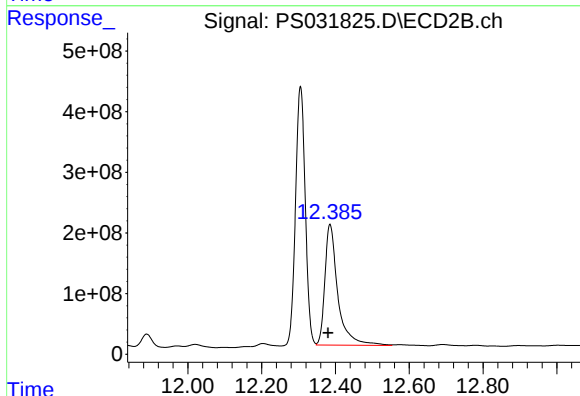
#15 Picloram

R.T.: 11.184 min
Delta R.T.: 0.007 min
Response: 4408747060
Conc: 244.78 ng/ml

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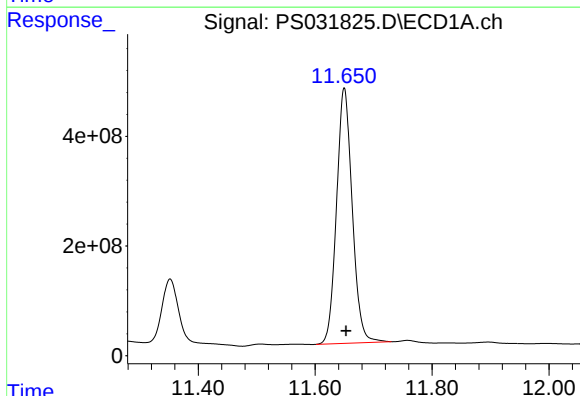
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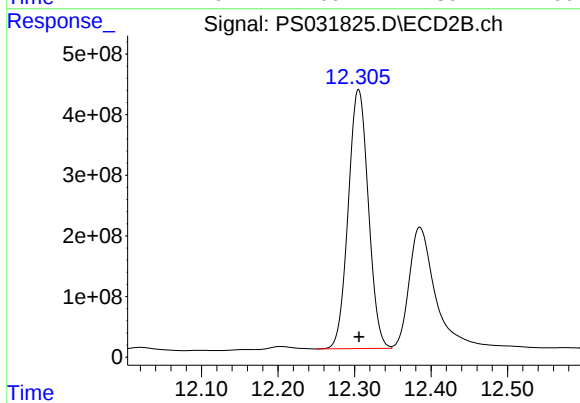
#15 Picloram

R.T.: 12.385 min
Delta R.T.: 0.006 min
Response: 4865335822
Conc: 205.43 ng/ml



#16 DCPA

R.T.: 11.650 min
Delta R.T.: -0.003 min
Response: 8692780498
Conc: 322.55 ng/ml



#16 DCPA

R.T.: 12.305 min
Delta R.T.: -0.001 min
Response: 7823316896
Conc: 324.56 ng/ml m