

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050825\
 Data File : PS030085.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2025 14:21
 Operator : AR\AJ
 Sample : Q1956-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 SB2-4-5MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/09/2025
 Supervised By : mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 04:57:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 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 x 0.5 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	6.936	7.459	1176.1E6	332.1E6	477.864	471.327
Target Compounds							
1) T	Dalapon	2.446	2.520	1667.3E6	1098.4E6	407.129	632.692m#
2) T	3,5-DICHL...	6.141	6.458	1489.4E6	399.8E6	416.770m	408.922
3) T	4-Nitroph...	6.725	6.993	772.1E6	314.0E6	432.972	409.982m
5) T	DICAMBA	7.112	7.645	3430.1E6	1469.0E6	346.375m	371.885
6) T	MCP	7.291	7.753	184.6E6	74795087	28.644	42.766 #
7) T	MCPA	7.432	7.980	282.0E6	86723256	31.935	36.657
8) T	DICHLORPROP	7.807	8.339	5614.7E6	458.7E6	2215.671	456.919 #
9) T	2,4-D	8.011	8.651	2076.2E6	542.3E6	738.115	481.113 #
10) T	Pentachlo...	8.291	9.152	12153.5E6	7436.8E6	348.388	365.540
11) T	2,4,5-TP ...	8.854	9.530	4746.5E6	3247.1E6	342.387	396.871
12) T	2,4,5-T	9.137	9.934	5121.3E6	3046.4E6	364.425	392.442
13) T	2,4-DB	9.699	10.491	956.4E6	473.0E6	418.488m	587.674 #
14) T	DINOSEB	10.856	10.863	770.4E6	656.2E6	75.723m	112.544m#
15) T	Picloram	10.677	11.899	6029.8E6	4357.4E6	328.946	354.732m
16) T	DCPA	11.158	11.896	6243.9E6	3518.1E6	366.835	312.115m

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

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Operator : AR\AJ
Sample : Q1956-04MSD
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ALS Vial : 13 Sample Multiplier: 1

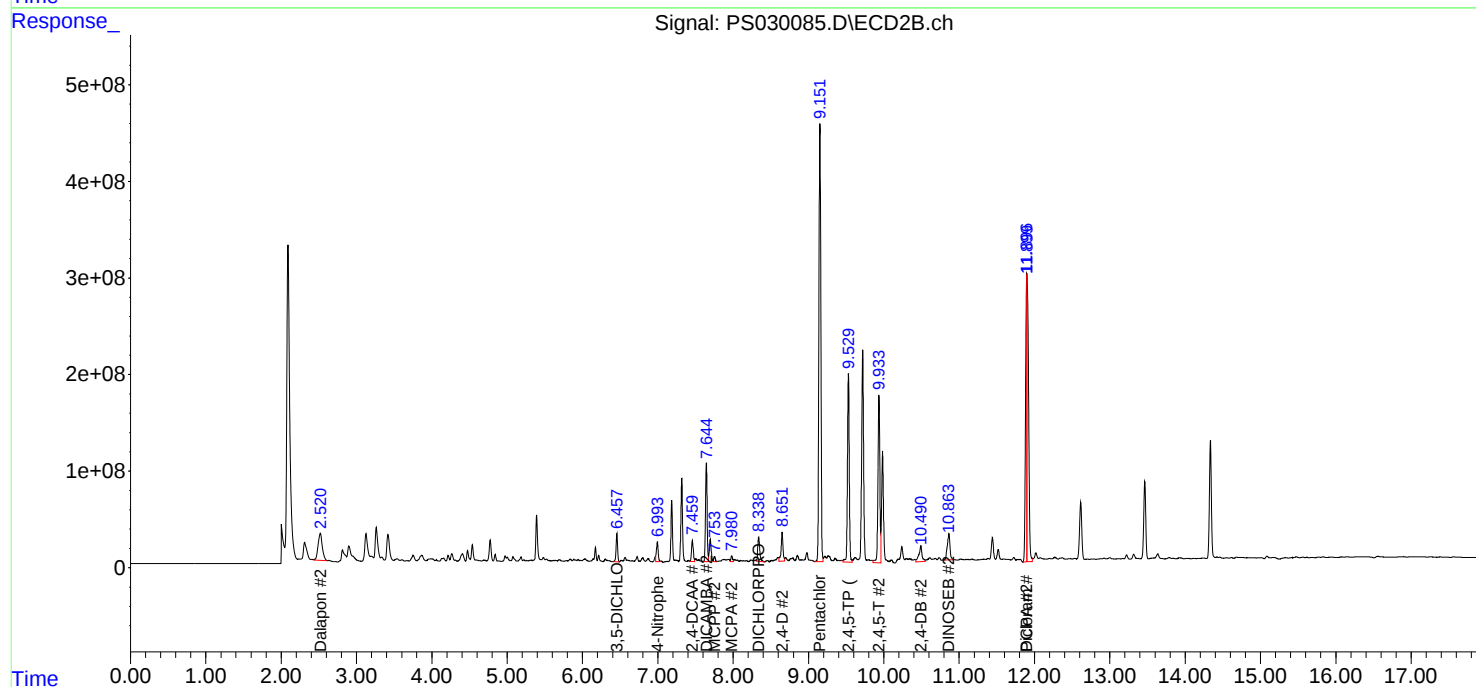
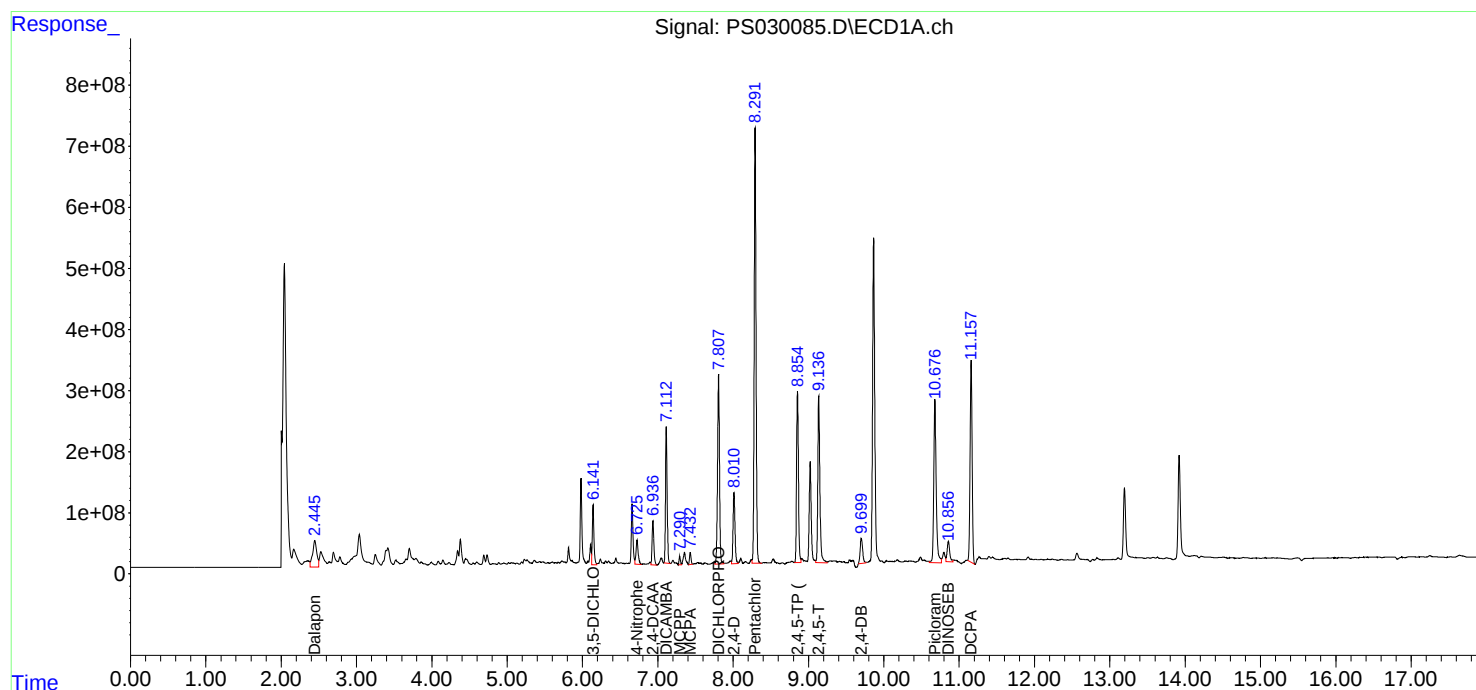
Instrument :
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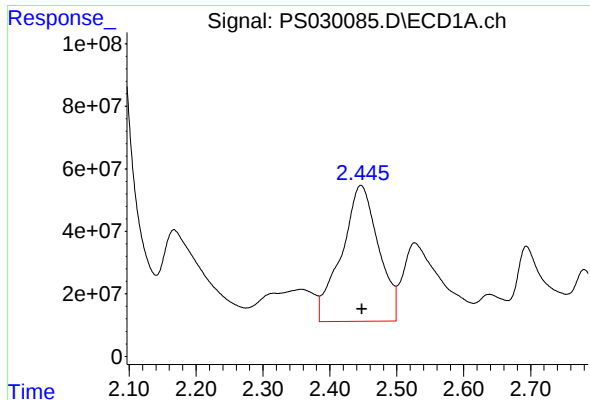
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Supervised By :mohammad ahmed 05/12/2025

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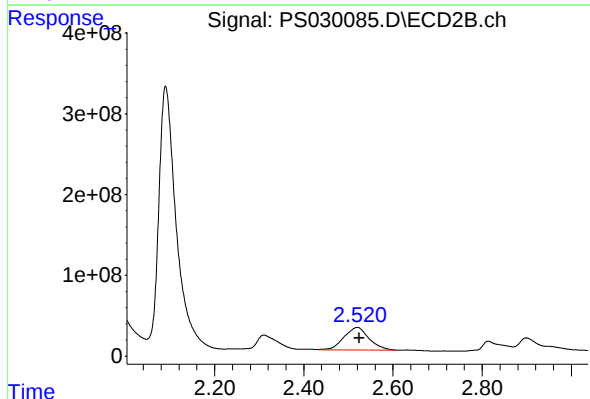
#1 Dalapon

R.T.: 2.446 min
Delta R.T.: -0.002 min
Response: 1667298408
Conc: 407.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
SB2-4-5MSD

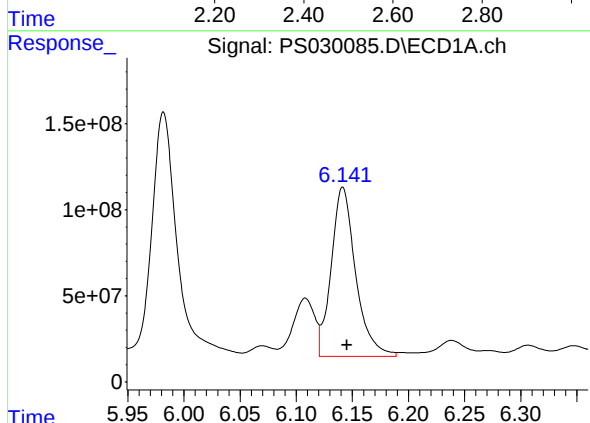
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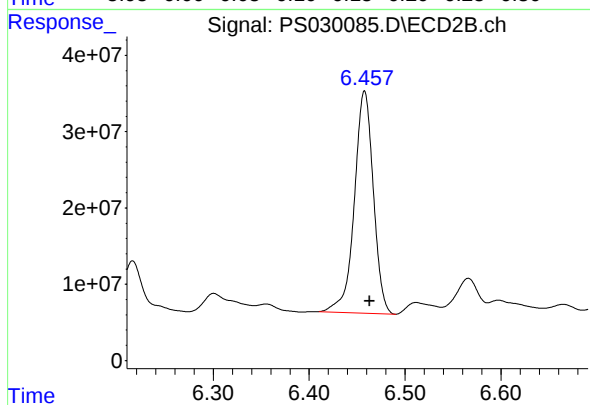
#1 Dalapon

R.T.: 2.520 min
Delta R.T.: -0.004 min
Response: 1098444168
Conc: 632.69 ng/ml



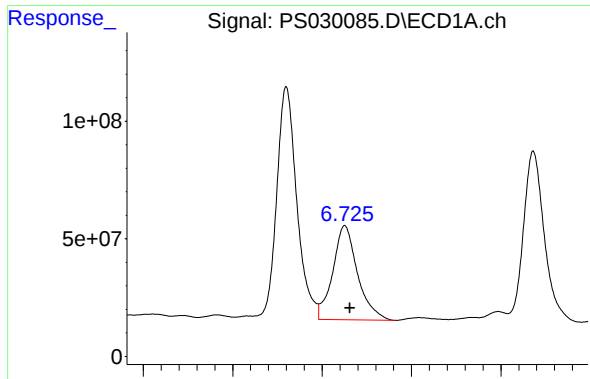
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.141 min
Delta R.T.: -0.004 min
Response: 1489446768
Conc: 416.77 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.458 min
Delta R.T.: -0.005 min
Response: 399753719
Conc: 408.92 ng/ml



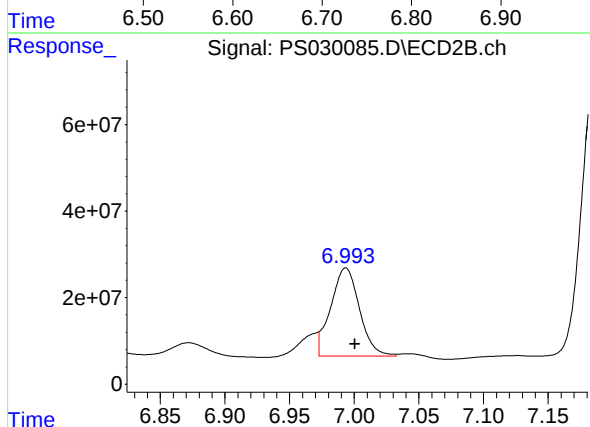
#3 4-Nitrophenol

R.T.: 6.725 min
Delta R.T.: -0.006 min
Response: 772127328
Conc: 432.97 ng/ml

Instrument :
ECD_S
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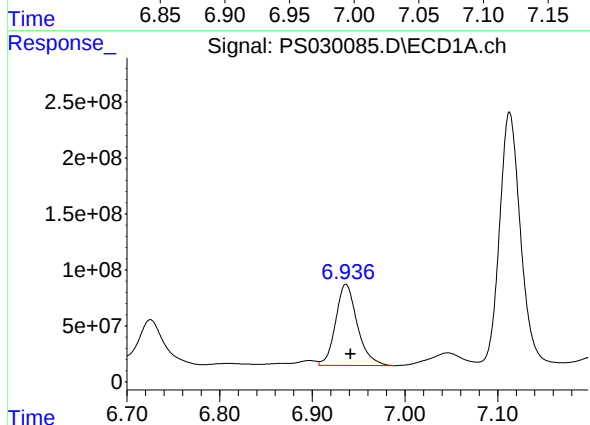
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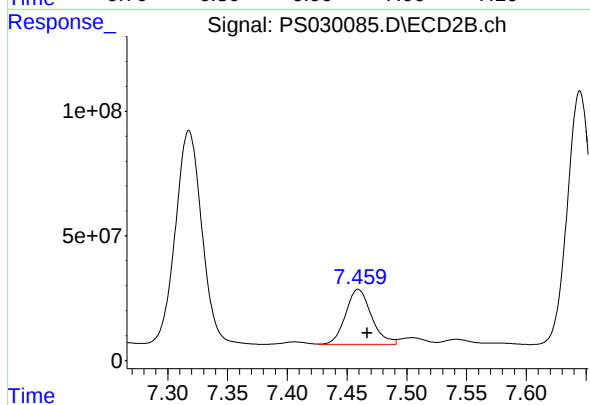
#3 4-Nitrophenol

R.T.: 6.993 min
Delta R.T.: -0.007 min
Response: 314013768
Conc: 409.98 ng/ml m



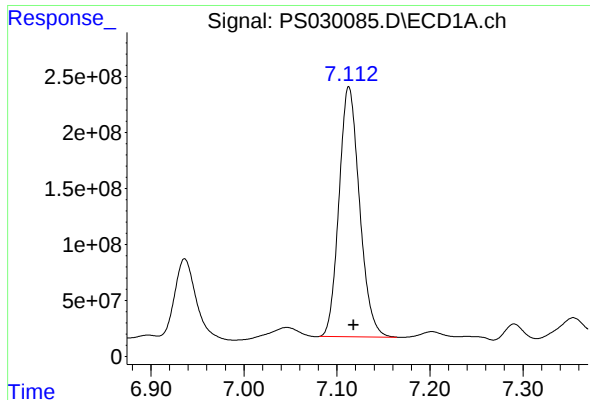
#4 2,4-DCAA

R.T.: 6.936 min
Delta R.T.: -0.005 min
Response: 1176061326
Conc: 477.86 ng/ml



#4 2,4-DCAA

R.T.: 7.459 min
Delta R.T.: -0.008 min
Response: 332057982
Conc: 471.33 ng/ml



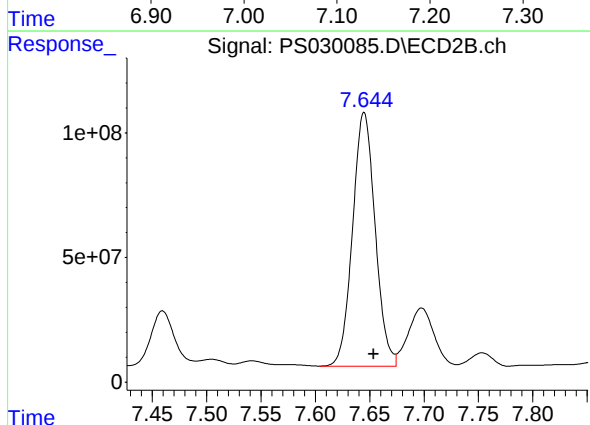
#5 DICAMBA

R.T.: 7.112 min
Delta R.T.: -0.006 min
Response: 3430106085
Conc: 346.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
SB2-4-5MSD

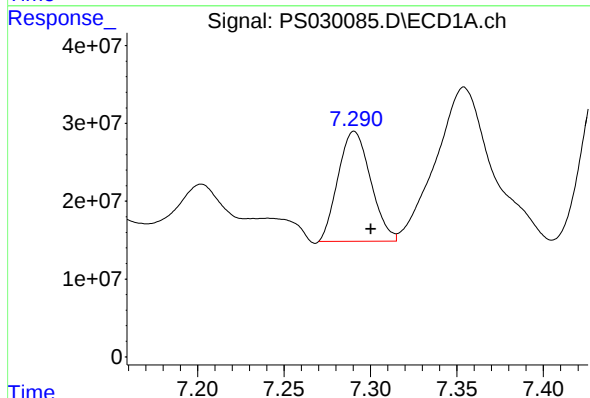
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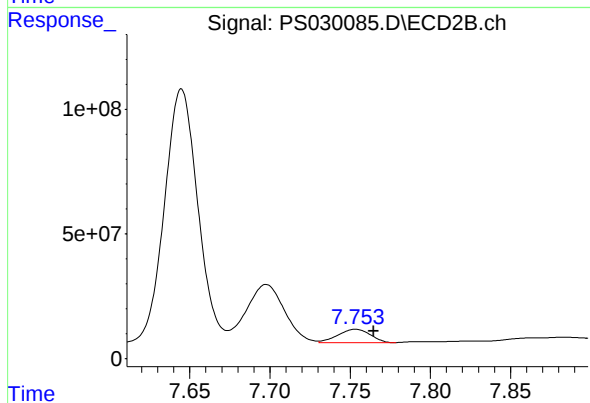
#5 DICAMBA

R.T.: 7.645 min
Delta R.T.: -0.009 min
Response: 1468968917
Conc: 371.88 ng/ml



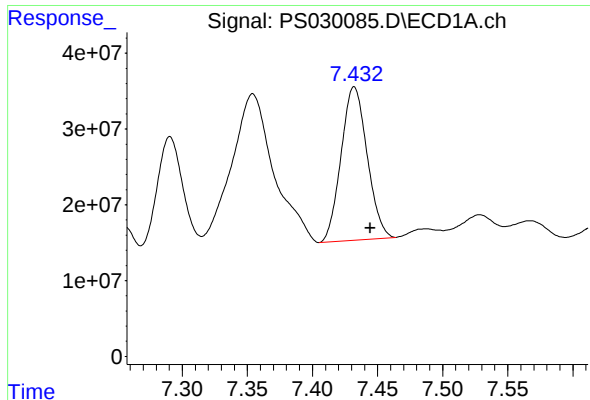
#6 MCPP

R.T.: 7.291 min
Delta R.T.: -0.010 min
Response: 184570324
Conc: 28.64 ug/ml



#6 MCPP

R.T.: 7.753 min
Delta R.T.: -0.011 min
Response: 74795087
Conc: 42.77 ug/ml



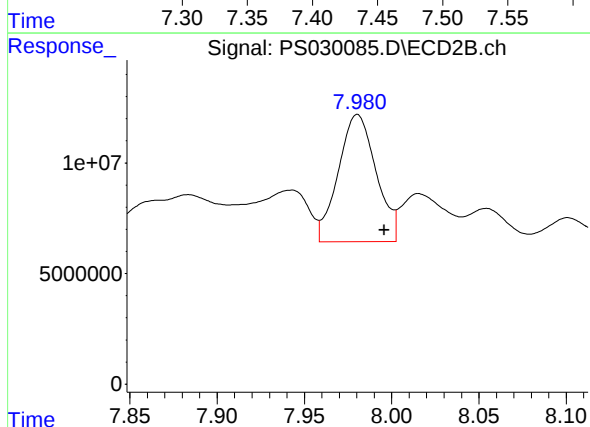
#7 MCPA

R.T.: 7.432 min
Delta R.T.: -0.012 min
Response: 282032426
Conc: 31.94 ug/ml

Instrument :
ECD_S
ClientSampleId :
SB2-4-5MSD

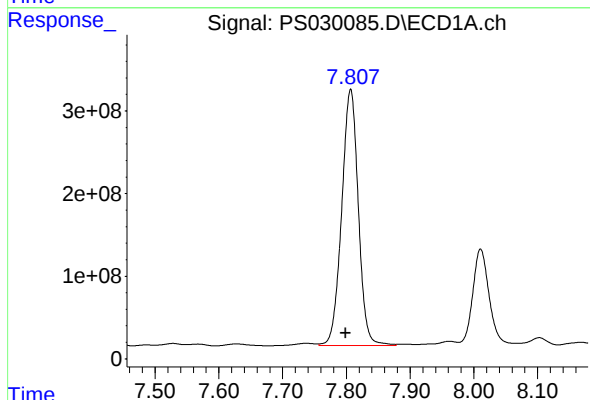
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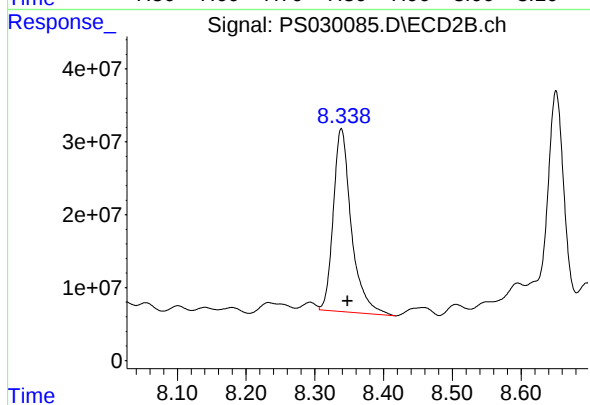
#7 MCPA

R.T.: 7.980 min
Delta R.T.: -0.015 min
Response: 86723256
Conc: 36.66 ug/ml



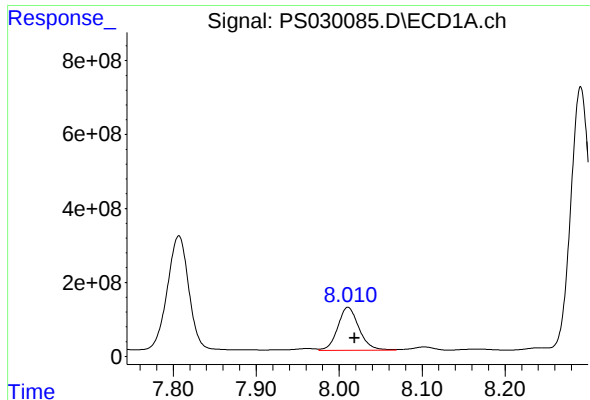
#8 DICHLORPROP

R.T.: 7.807 min
Delta R.T.: 0.008 min
Response: 5614749215
Conc: 2215.67 ng/ml



#8 DICHLORPROP

R.T.: 8.339 min
Delta R.T.: -0.009 min
Response: 458730075
Conc: 456.92 ng/ml



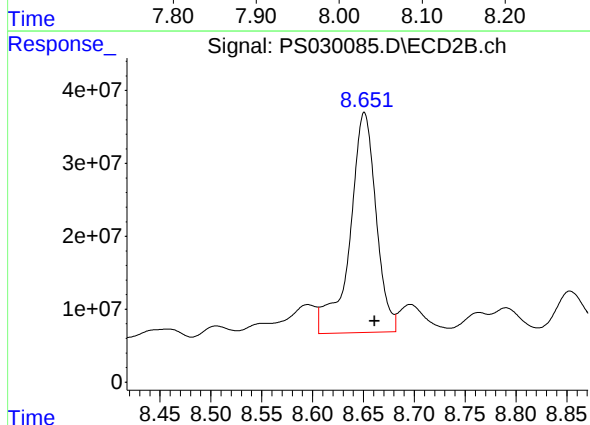
#9 2,4-D

R.T.: 8.011 min
Delta R.T.: -0.008 min
Response: 2076223275
Conc: 738.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
SB2-4-5MSD

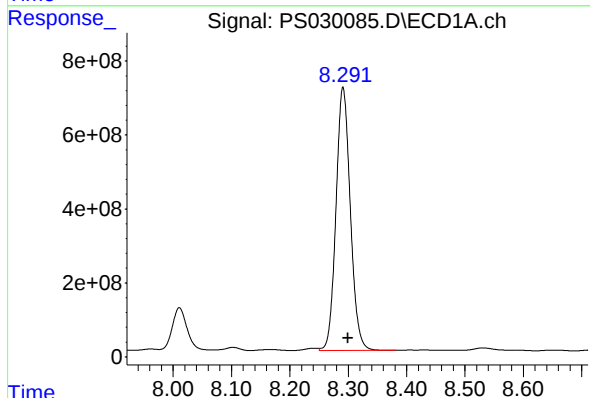
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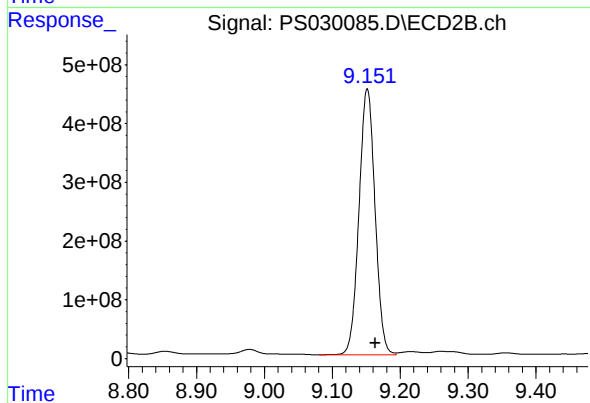
#9 2,4-D

R.T.: 8.651 min
Delta R.T.: -0.010 min
Response: 542266283
Conc: 481.11 ng/ml



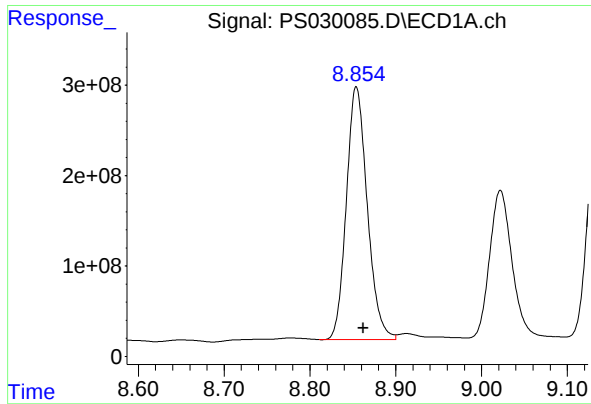
#10 Pentachlorophenol

R.T.: 8.291 min
Delta R.T.: -0.009 min
Response: 12153502420
Conc: 348.39 ng/ml



#10 Pentachlorophenol

R.T.: 9.152 min
Delta R.T.: -0.012 min
Response: 7436839896
Conc: 365.54 ng/ml



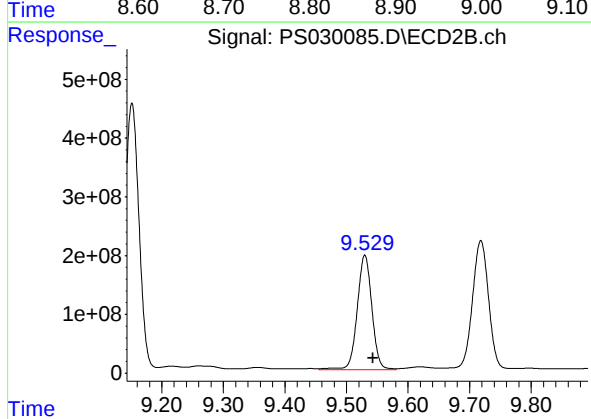
#11 2,4,5-TP (SILVEX)

R.T.: 8.854 min
Delta R.T.: -0.008 min
Response: 4746454797
Conc: 342.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
SB2-4-5MSD

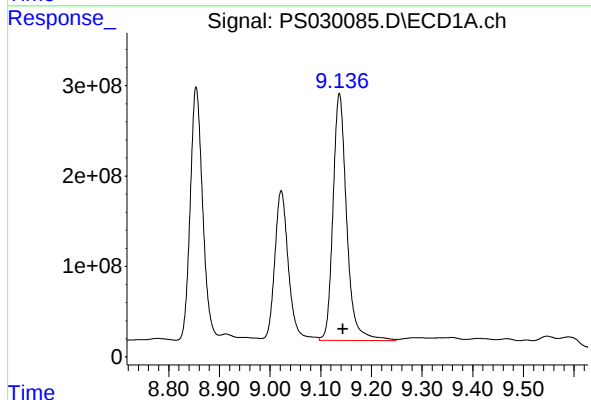
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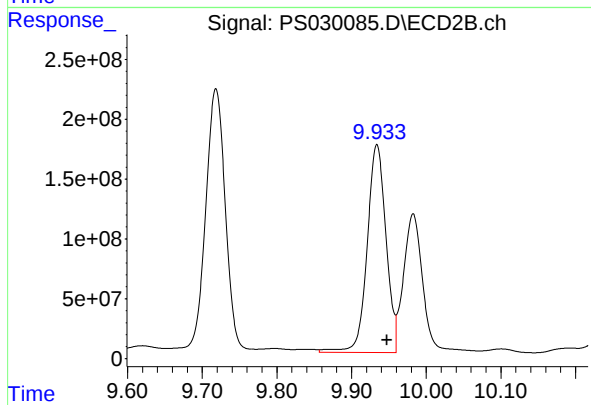
#11 2,4,5-TP (SILVEX)

R.T.: 9.530 min
Delta R.T.: -0.013 min
Response: 3247103128
Conc: 396.87 ng/ml



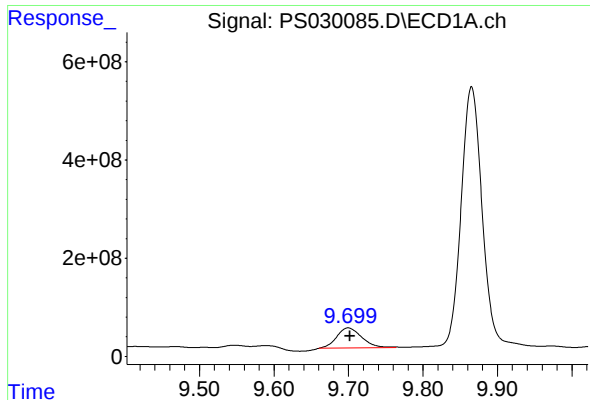
#12 2,4,5-T

R.T.: 9.137 min
Delta R.T.: -0.007 min
Response: 5121303023
Conc: 364.43 ng/ml



#12 2,4,5-T

R.T.: 9.934 min
Delta R.T.: -0.013 min
Response: 3046373476
Conc: 392.44 ng/ml



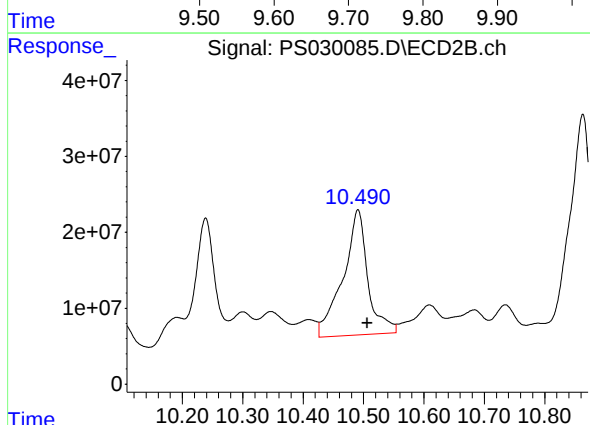
#13 2,4-DB

R.T.: 9.699 min
Delta R.T.: -0.003 min
Response: 956393554
Conc: 418.49 ng/ml

Instrument :
ECD_S
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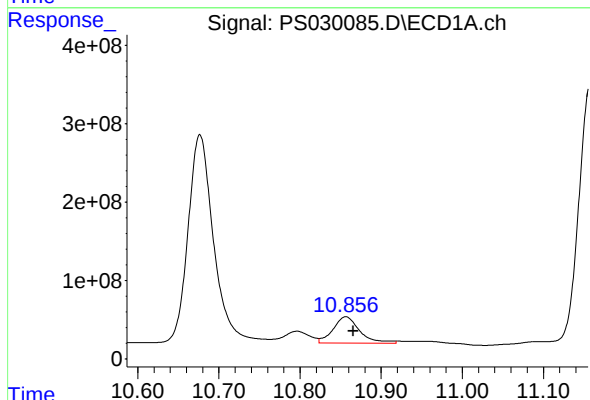
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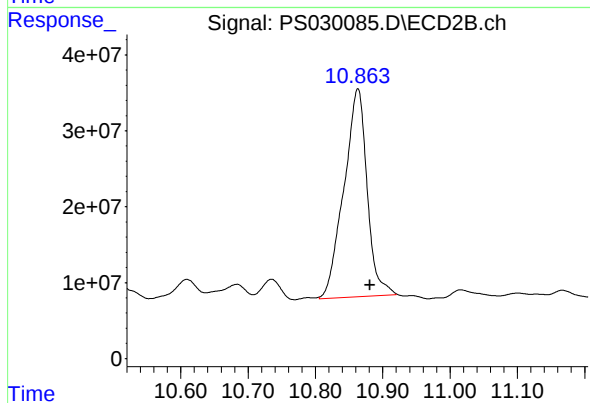
#13 2,4-DB

R.T.: 10.491 min
Delta R.T.: -0.016 min
Response: 472984960
Conc: 587.67 ng/ml



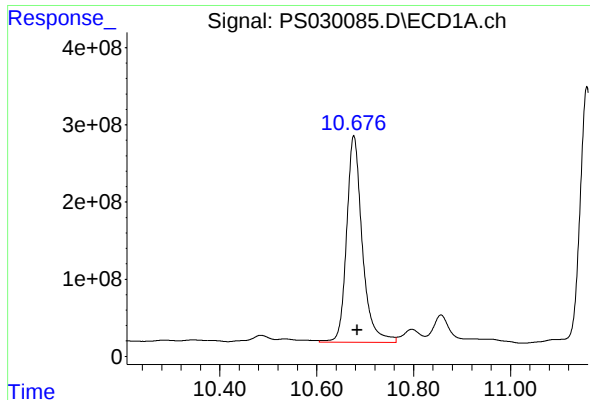
#14 DINOSEB

R.T.: 10.856 min
Delta R.T.: -0.009 min
Response: 770362658
Conc: 75.72 ng/ml m



#14 DINOSEB

R.T.: 10.863 min
Delta R.T.: -0.018 min
Response: 656242346
Conc: 112.54 ng/ml m



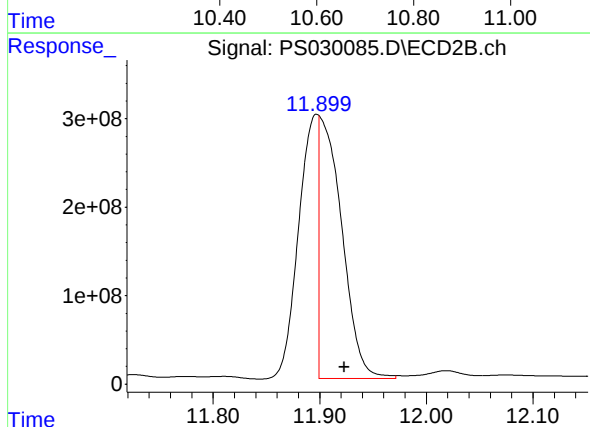
#15 Picloram

R.T.: 10.677 min
Delta R.T.: -0.007 min
Response: 6029787283
Conc: 328.95 ng/ml

Instrument :
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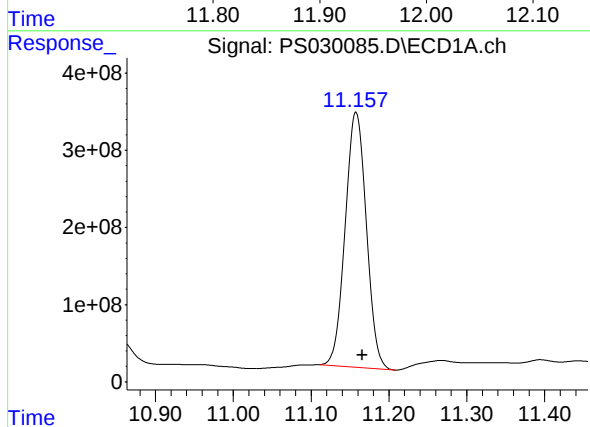
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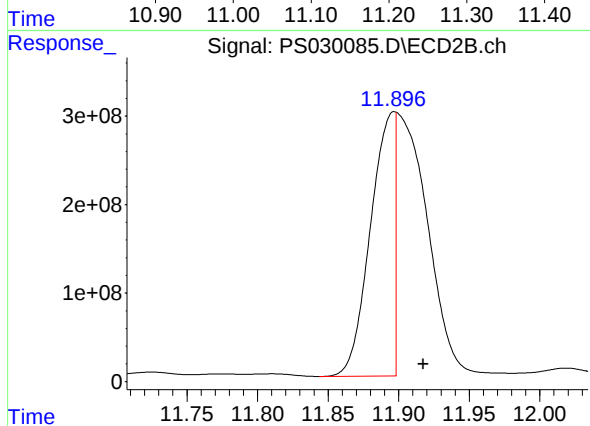
#15 Picloram

R.T.: 11.899 min
Delta R.T.: -0.024 min
Response: 4357405186
Conc: 354.73 ng/ml m



#16 DCPA

R.T.: 11.158 min
Delta R.T.: -0.008 min
Response: 6243894169
Conc: 366.83 ng/ml



#16 DCPA

R.T.: 11.896 min
Delta R.T.: -0.021 min
Response: 3518054816
Conc: 312.12 ng/ml m