

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052225\
 Data File : PS030342.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2025 13:39
 Operator : AR\AJ
 Sample : Q2080-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PL-HRH-COMP-01MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/23/2025
 Supervised By : mohammad ahmed 05/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 22:36:34 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 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	6.930	7.446	1413.2E6	342.7E6	496.234	428.222m
Target Compounds							
1) T	Dalapon	2.442	2.514	1755.5E6	1560.4E6	357.143	768.249 #
2) T	3,5-DICHL...	6.135	6.447	2008.2E6	526.1E6	481.512	451.301
3) T	4-Nitroph...	6.722	6.982	25688430	14773953	12.436	14.151
5) T	DICAMBA	7.105	7.631	4889.1E6	2075.4E6	423.026	438.968m
6) T	MCP	7.283	7.738	355.1E6	66340132	48.753	36.059 #
7) T	MCPA	7.425	7.966	407.0E6	112.4E6	39.209	42.607
8) T	DICHLORPROP	7.784	8.323	1347.8E6	591.6E6	461.363	500.750
9) T	2,4-D	8.004	8.634	1744.7E6	659.9E6	532.099	511.314
10) T	Pentachlo...	8.281	9.134	19765.4E6	11506.1E6	488.024	466.116
11) T	2,4,5-TP ...	8.844	9.511	7883.8E6	4887.9E6	486.776	496.209
12) T	2,4,5-T	9.126	9.915	7985.0E6	4319.6E6	483.493	469.342
13) T	2,4-DB	9.685	10.473	1194.7E6	409.0E6	457.789	412.180m
14) T	DINOSEB	10.844	10.846	4444.5E6	2458.6E6	388.629	359.863
15) T	Picloram	10.664	11.879	8900.7E6	6256.9E6	416.172	444.598m
16) T	DCPA	11.145	11.876	9381.6E6	4923.9E6	471.164	364.447m

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

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Acq On : 22 May 2025 13:39
Operator : AR\AJ
Sample : Q2080-06MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

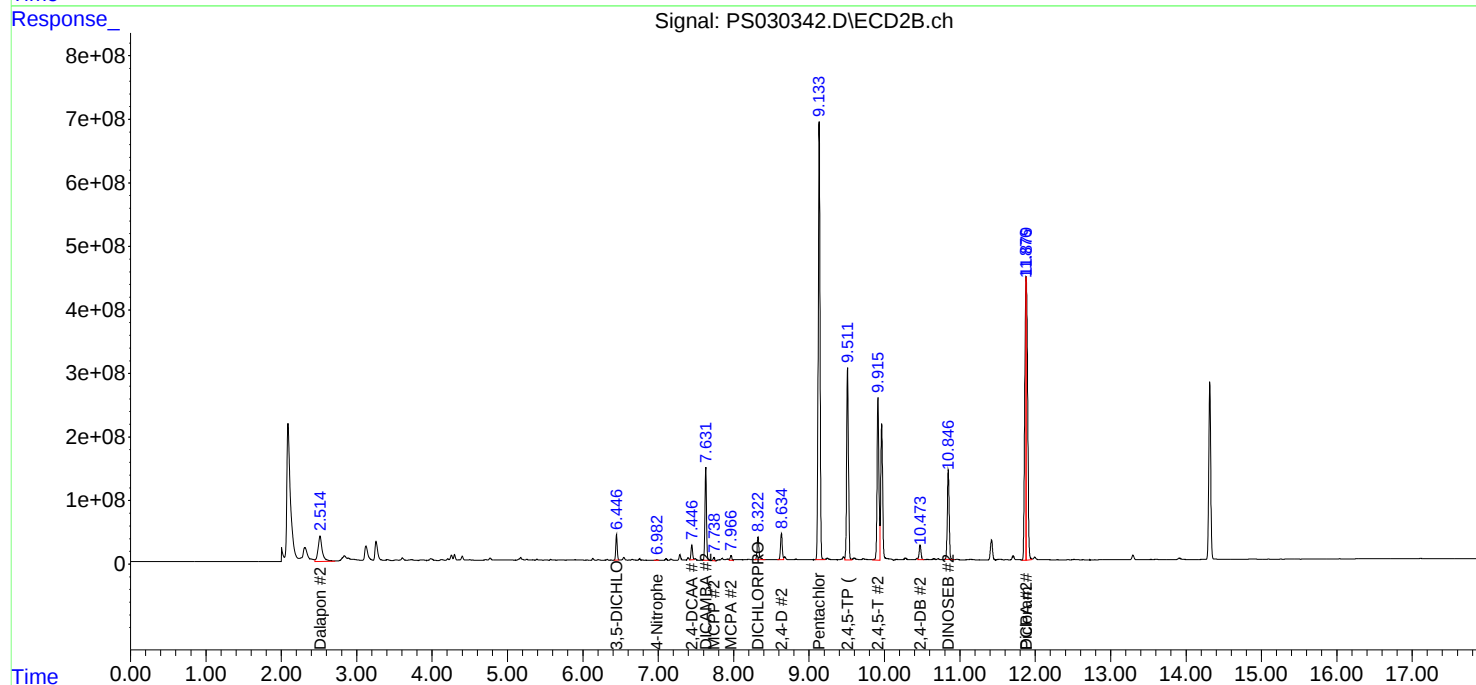
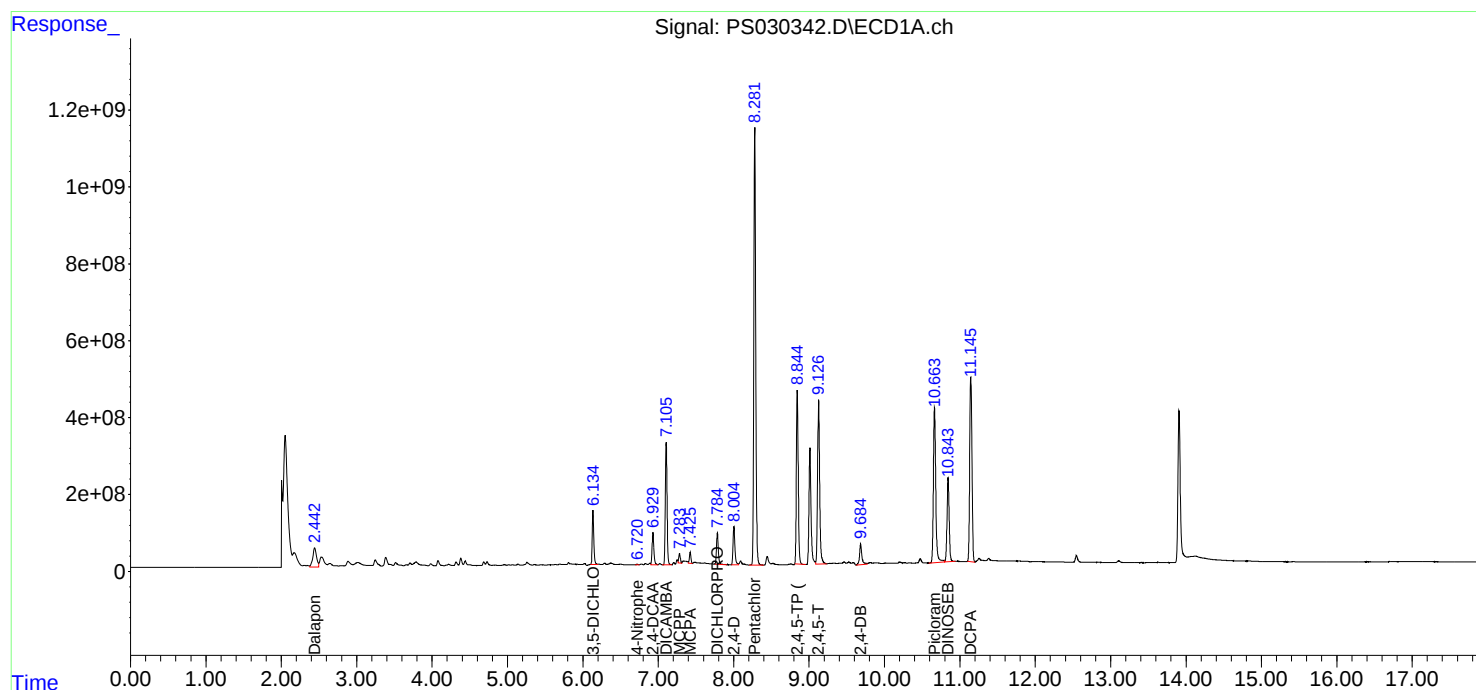
Instrument :
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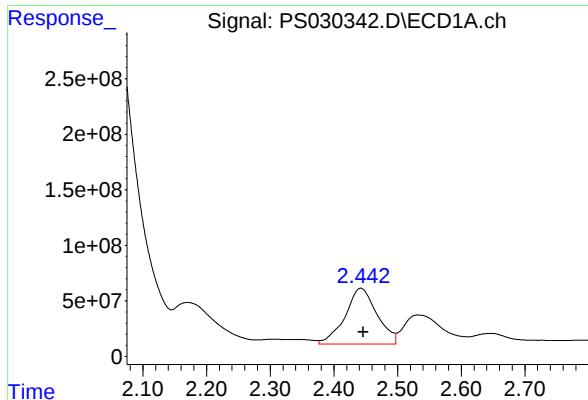
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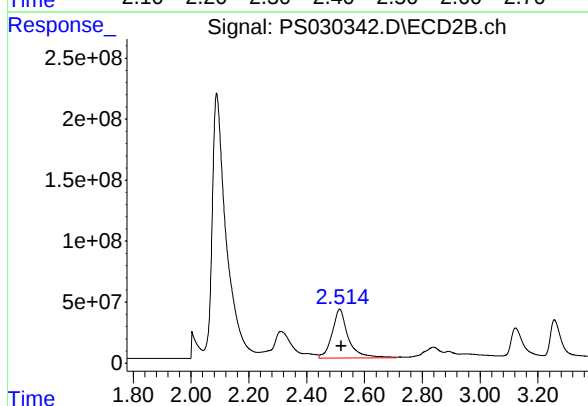
#1 Dalapon

R.T.: 2.442 min
Delta R.T.: -0.004 min
Response: 1755488297
Conc: 357.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
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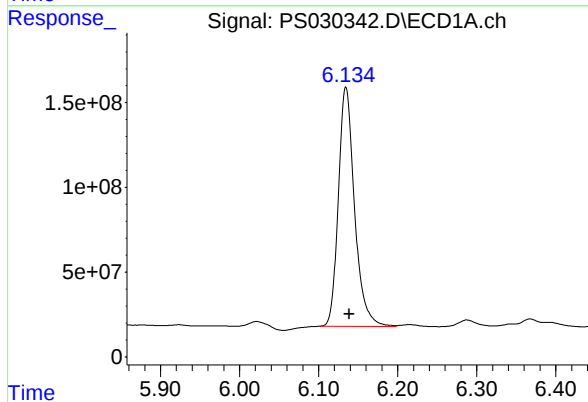
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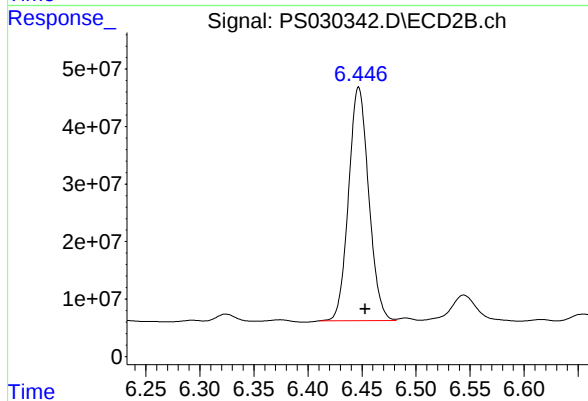
#1 Dalapon

R.T.: 2.514 min
Delta R.T.: -0.006 min
Response: 1560352919
Conc: 768.25 ng/ml



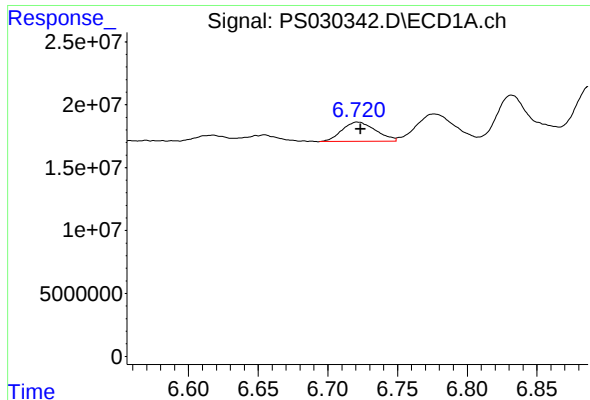
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.135 min
Delta R.T.: -0.004 min
Response: 2008170100
Conc: 481.51 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.447 min
Delta R.T.: -0.006 min
Response: 526139638
Conc: 451.30 ng/ml



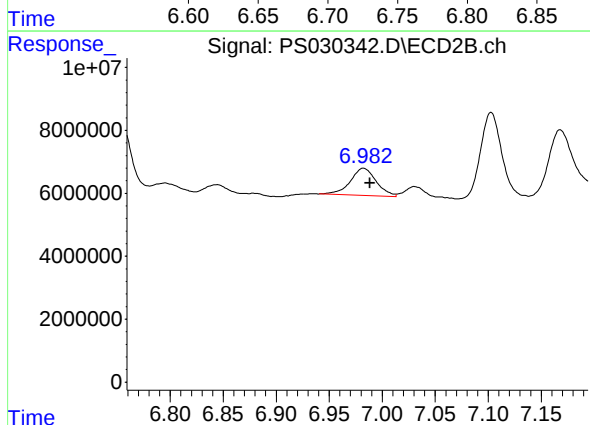
#3 4-Nitrophenol

R.T.: 6.722 min
Delta R.T.: -0.002 min
Response: 25688430
Conc: 12.44 ng/ml

Instrument :
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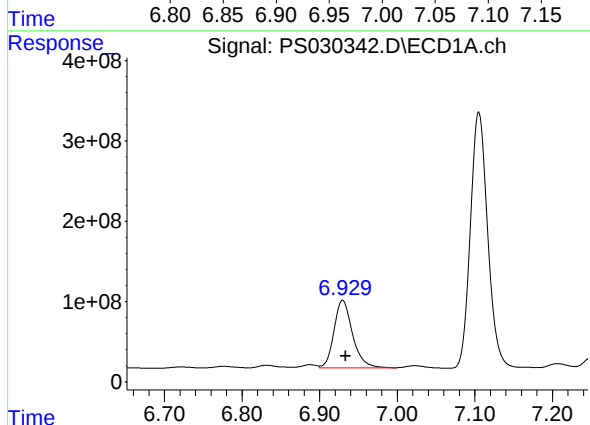
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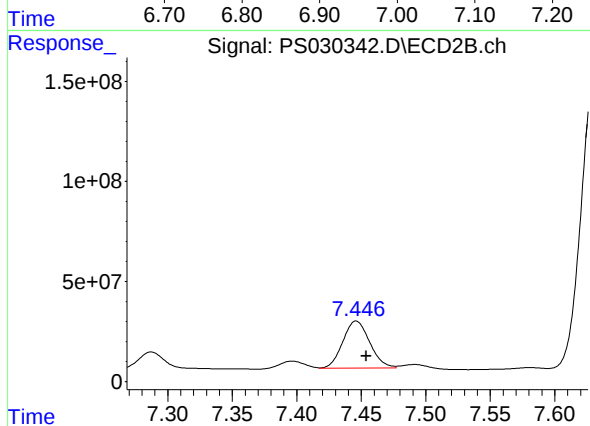
#3 4-Nitrophenol

R.T.: 6.982 min
Delta R.T.: -0.006 min
Response: 14773953
Conc: 14.15 ng/ml



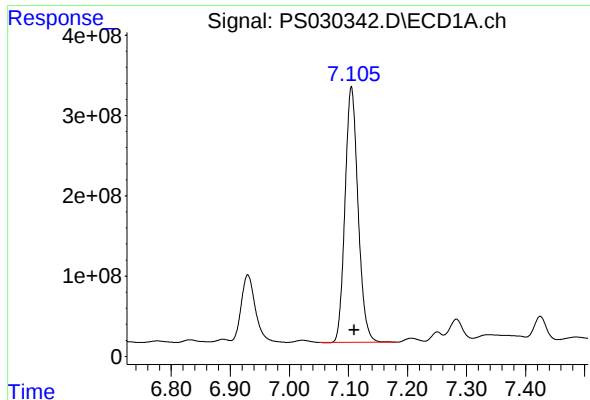
#4 2,4-DCAA

R.T.: 6.930 min
Delta R.T.: -0.004 min
Response: 1413180486
Conc: 496.23 ng/ml



#4 2,4-DCAA

R.T.: 7.446 min
Delta R.T.: -0.008 min
Response: 342664481
Conc: 428.22 ng/ml m



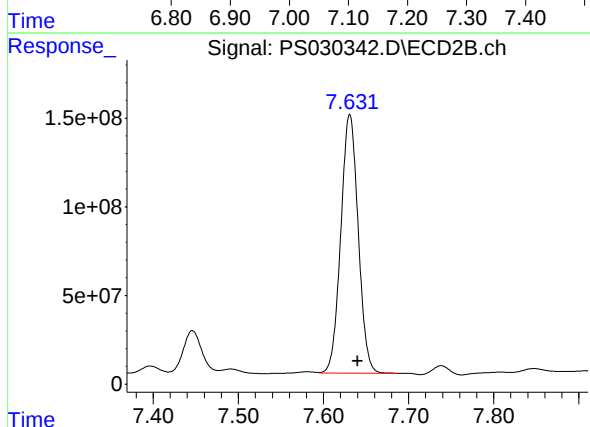
#5 DICAMBA

R.T.: 7.105 min
Delta R.T.: -0.005 min
Response: 4889068695
Conc: 423.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
PL-HRH-COMP-01MSD

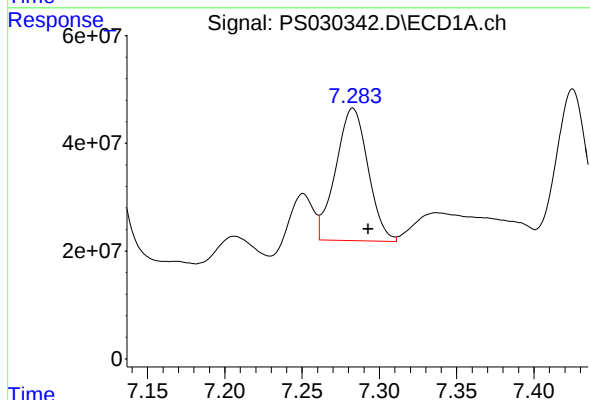
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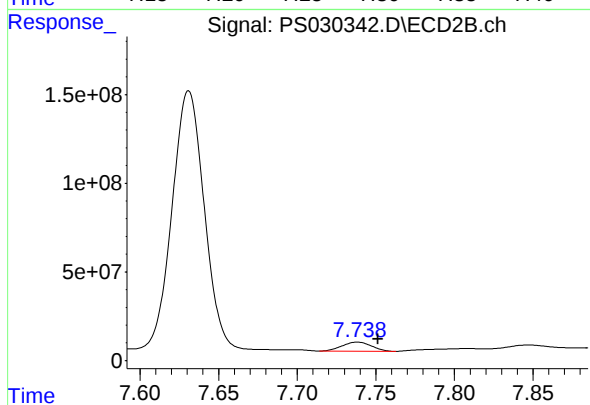
#5 DICAMBA

R.T.: 7.631 min
Delta R.T.: -0.009 min
Response: 2075430364
Conc: 438.97 ng/ml



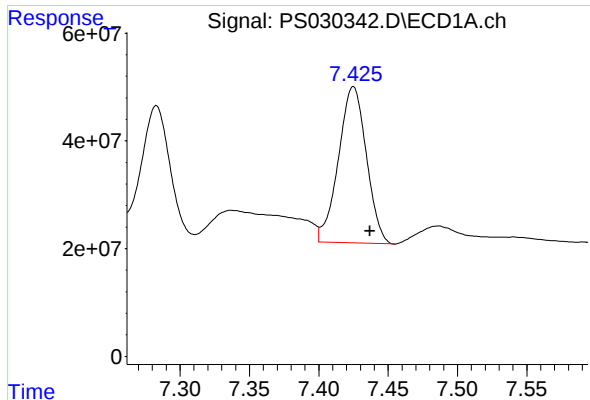
#6 MCPP

R.T.: 7.283 min
Delta R.T.: -0.010 min
Response: 355055012
Conc: 48.75 ug/ml



#6 MCPP

R.T.: 7.738 min
Delta R.T.: -0.013 min
Response: 66340132
Conc: 36.06 ug/ml



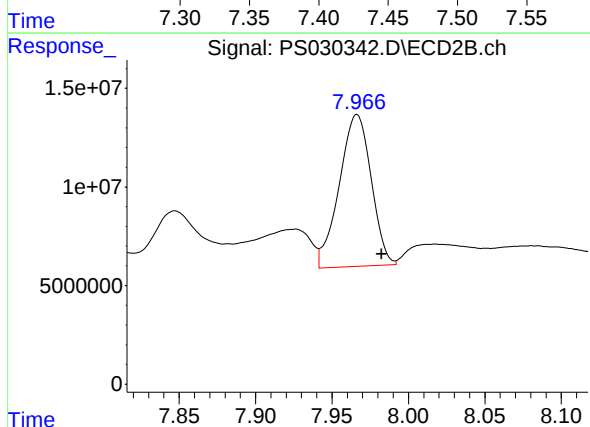
#7 MCPA

R.T.: 7.425 min
Delta R.T.: -0.012 min
Response: 407029053
Conc: 39.21 ug/ml

Instrument :
ECD_S
ClientSampleId :
PL-HRH-COMP-01MSD

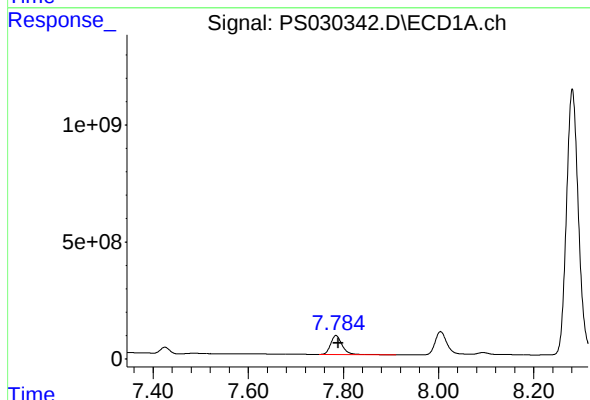
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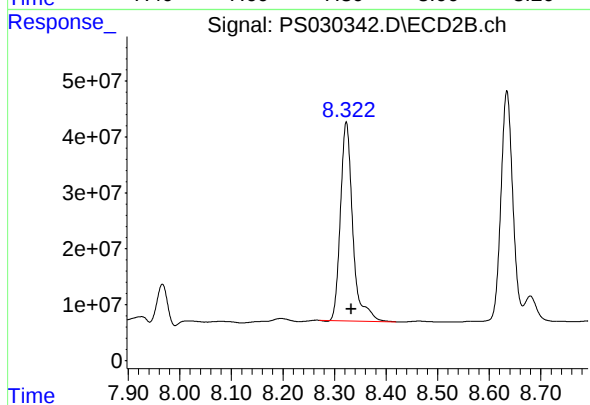
#7 MCPA

R.T.: 7.966 min
Delta R.T.: -0.016 min
Response: 112383980
Conc: 42.61 ug/ml



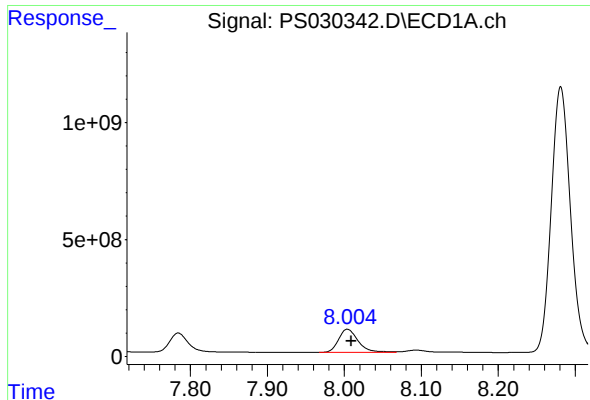
#8 DICHLORPROP

R.T.: 7.784 min
Delta R.T.: -0.005 min
Response: 1347798967
Conc: 461.36 ng/ml



#8 DICHLORPROP

R.T.: 8.323 min
Delta R.T.: -0.010 min
Response: 591602987
Conc: 500.75 ng/ml



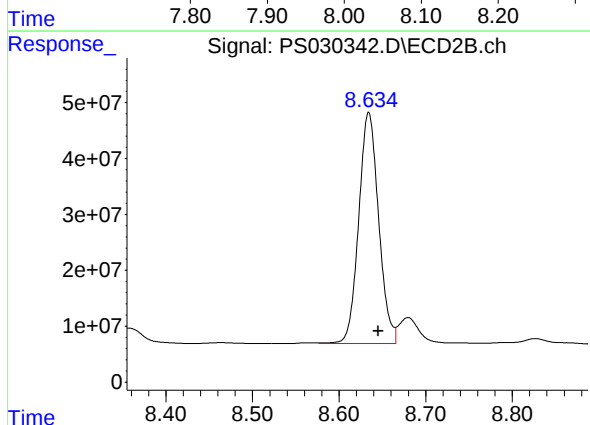
#9 2,4-D

R.T.: 8.004 min
Delta R.T.: -0.005 min
Response: 1744717517
Conc: 532.10 ng/ml

Instrument :
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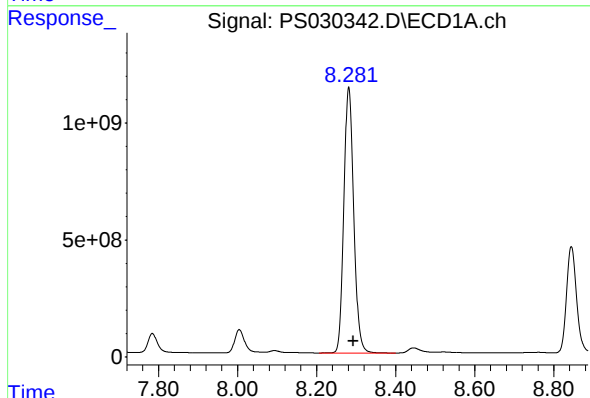
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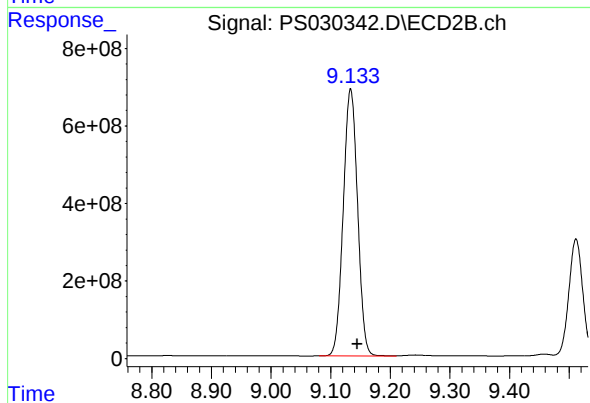
#9 2,4-D

R.T.: 8.634 min
Delta R.T.: -0.011 min
Response: 659850603
Conc: 511.31 ng/ml



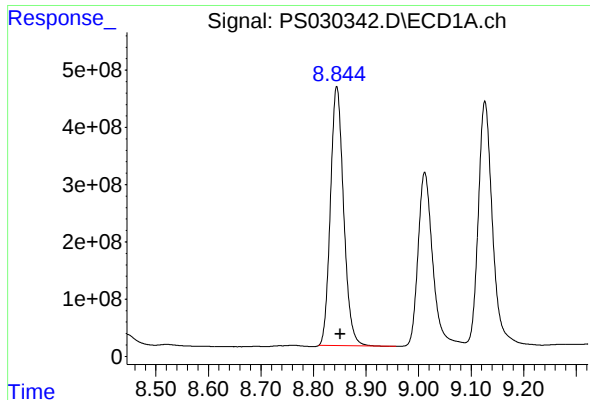
#10 Pentachlorophenol

R.T.: 8.281 min
Delta R.T.: -0.012 min
Response: 19765358652
Conc: 488.02 ng/ml



#10 Pentachlorophenol

R.T.: 9.134 min
Delta R.T.: -0.012 min
Response: 11506056640
Conc: 466.12 ng/ml



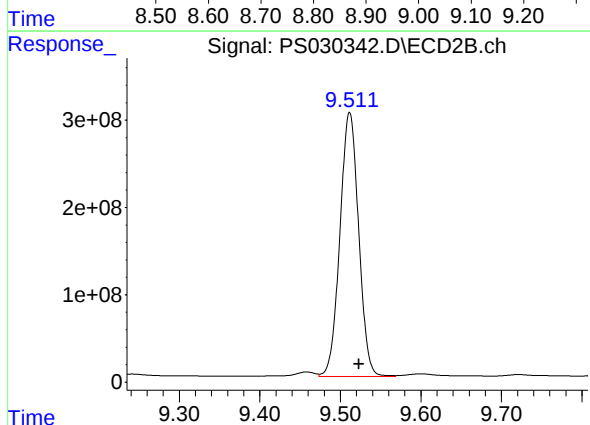
#11 2,4,5-TP (SILVEX)

R.T.: 8.844 min
Delta R.T.: -0.006 min
Response: 7883824058
Conc: 486.78 ng/ml

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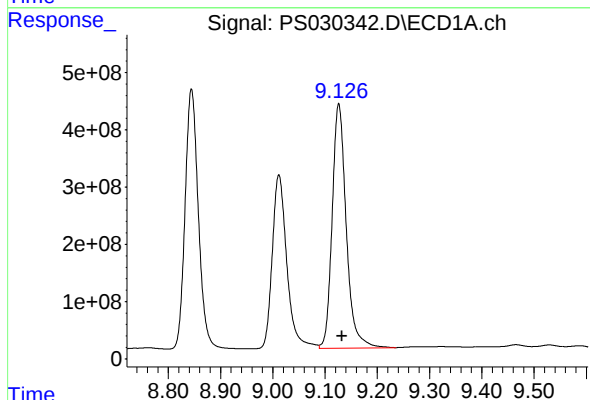
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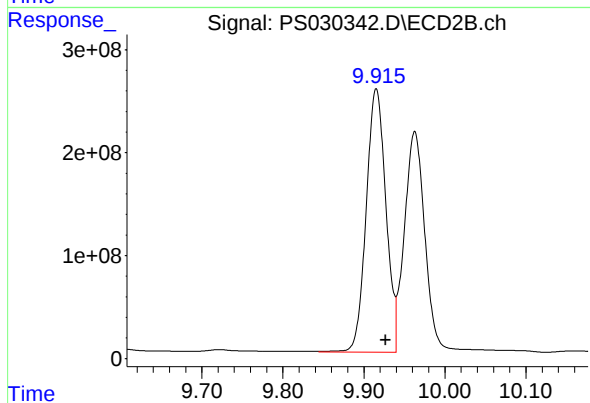
#11 2,4,5-TP (SILVEX)

R.T.: 9.511 min
Delta R.T.: -0.012 min
Response: 4887867996
Conc: 496.21 ng/ml



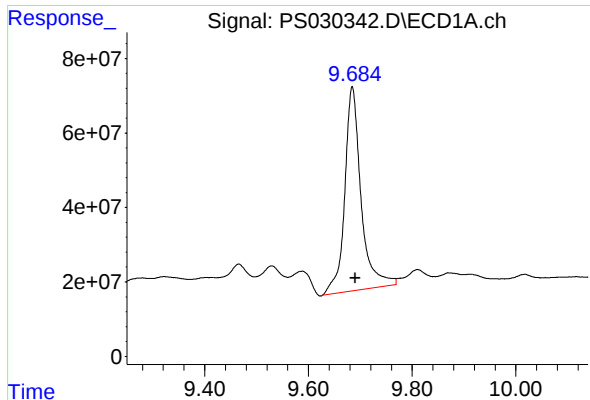
#12 2,4,5-T

R.T.: 9.126 min
Delta R.T.: -0.007 min
Response: 7984981514
Conc: 483.49 ng/ml



#12 2,4,5-T

R.T.: 9.915 min
Delta R.T.: -0.012 min
Response: 4319636198
Conc: 469.34 ng/ml



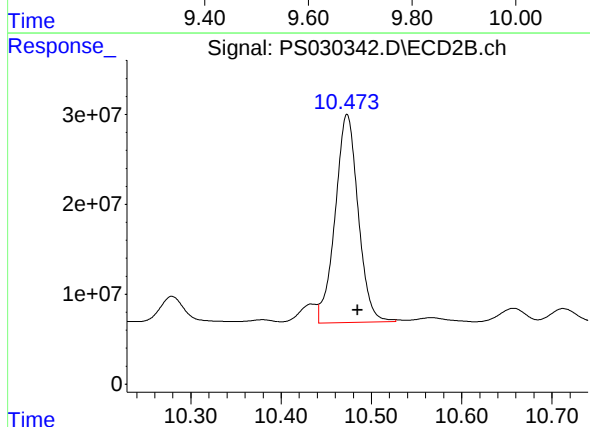
#13 2,4-DB

R.T.: 9.685 min
Delta R.T.: -0.006 min
Response: 1194725712
Conc: 457.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
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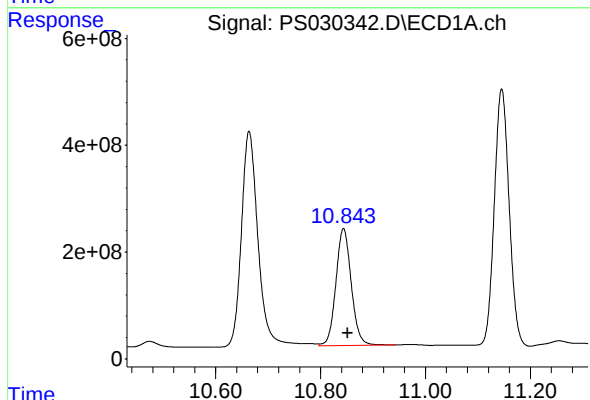
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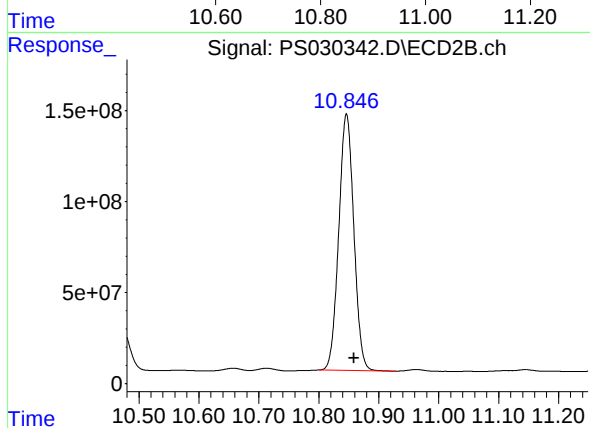
#13 2,4-DB

R.T.: 10.473 min
Delta R.T.: -0.012 min
Response: 409035595
Conc: 412.18 ng/ml



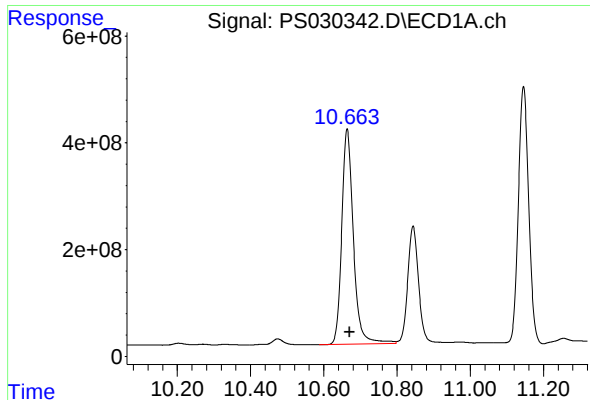
#14 DINOSEB

R.T.: 10.844 min
Delta R.T.: -0.008 min
Response: 4444503829
Conc: 388.63 ng/ml



#14 DINOSEB

R.T.: 10.846 min
Delta R.T.: -0.013 min
Response: 2458579821
Conc: 359.86 ng/ml



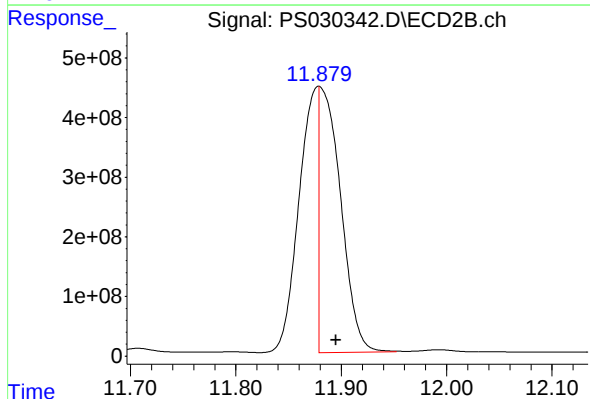
#15 Picloram

R.T.: 10.664 min
Delta R.T.: -0.006 min
Response: 8900658246
Conc: 416.17 ng/ml

Instrument :
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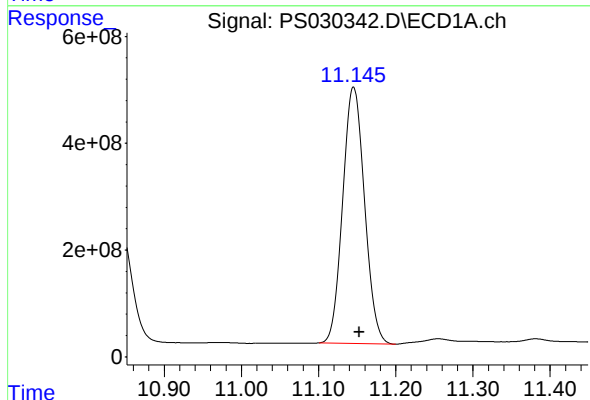
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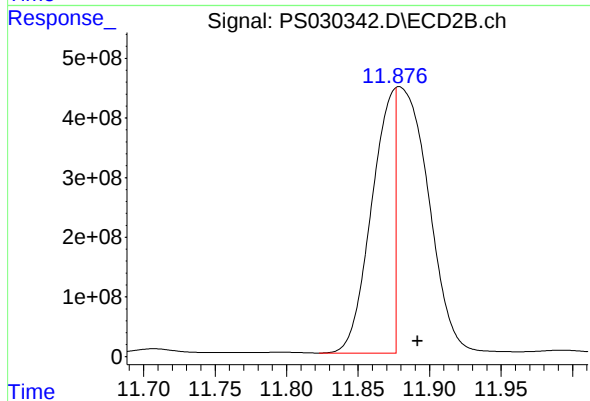
#15 Picloram

R.T.: 11.879 min
Delta R.T.: -0.016 min
Response: 6256874326
Conc: 444.60 ng/ml m



#16 DCPA

R.T.: 11.145 min
Delta R.T.: -0.007 min
Response: 9381568704
Conc: 471.16 ng/ml



#16 DCPA

R.T.: 11.876 min
Delta R.T.: -0.016 min
Response: 4923861514
Conc: 364.45 ng/ml m