

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
 Data File : PS029951.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2025 00:39
 Operator : AR\AJ
 Sample : Q1852-07MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 72-12013MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/24/2025
 Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 04:38:23 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	6.939	7.465	1362.4E6	360.2E6	553.572	511.268
Target Compounds							
1) T	Dalapon	2.447	2.523	1882.7E6	1050.6E6	459.728	605.158 #
2) T	3,5-DICHL...	6.145	6.461	1417.0E6	439.6E6	396.510	449.692m
3) T	4-Nitroph...	6.730	6.997	179.0E6	61521191	100.389	80.323m
5) T	DICAMBA	7.117	7.650	3780.5E6	1711.2E6	381.757	433.202
6) T	MCPD	7.294	7.756	195.4E6	43696491	30.328	24.984
7) T	MCPA	7.437	7.986	338.5E6	110.3E6	38.325	46.602
8) T	DICHLORPROP	7.798	8.344	959.1E6	420.3E6	378.475	418.626
9) T	2,4-D	8.018	8.656	1377.2E6	510.1E6	489.602	452.556m
10) T	Pentachlo...	8.296	9.158	8811.7E6	5308.6E6	252.592	260.934
11) T	2,4,5-TP ...	8.860	9.537	4240.8E6	2788.1E6	305.911	340.766
12) T	2,4,5-T	9.142	9.942	4771.5E6	2786.7E6	339.537	358.991
13) T	2,4-DB	9.702	10.499	672.4E6	252.6E6	294.240m	313.869m
14) T	DINOSEB	10.863	10.897	148.5E6	243.9E6	14.593m	41.826m#
15) T	Picloram	10.683	11.913	7001.1E6	4311.3E6	381.932	350.980m
16) T	DCPA	11.164	11.904	7582.1E6	5462.2E6	445.453	484.597m

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

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ALS Vial : 29 Sample Multiplier: 1

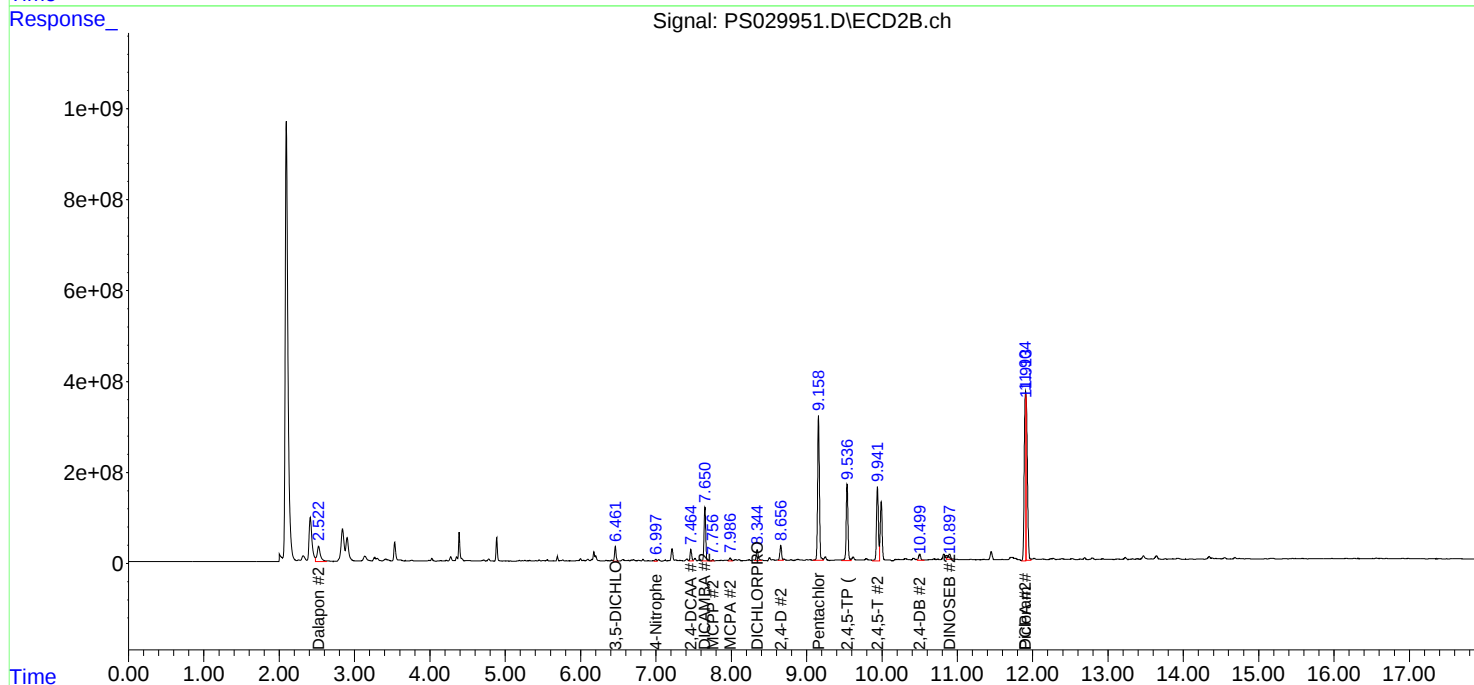
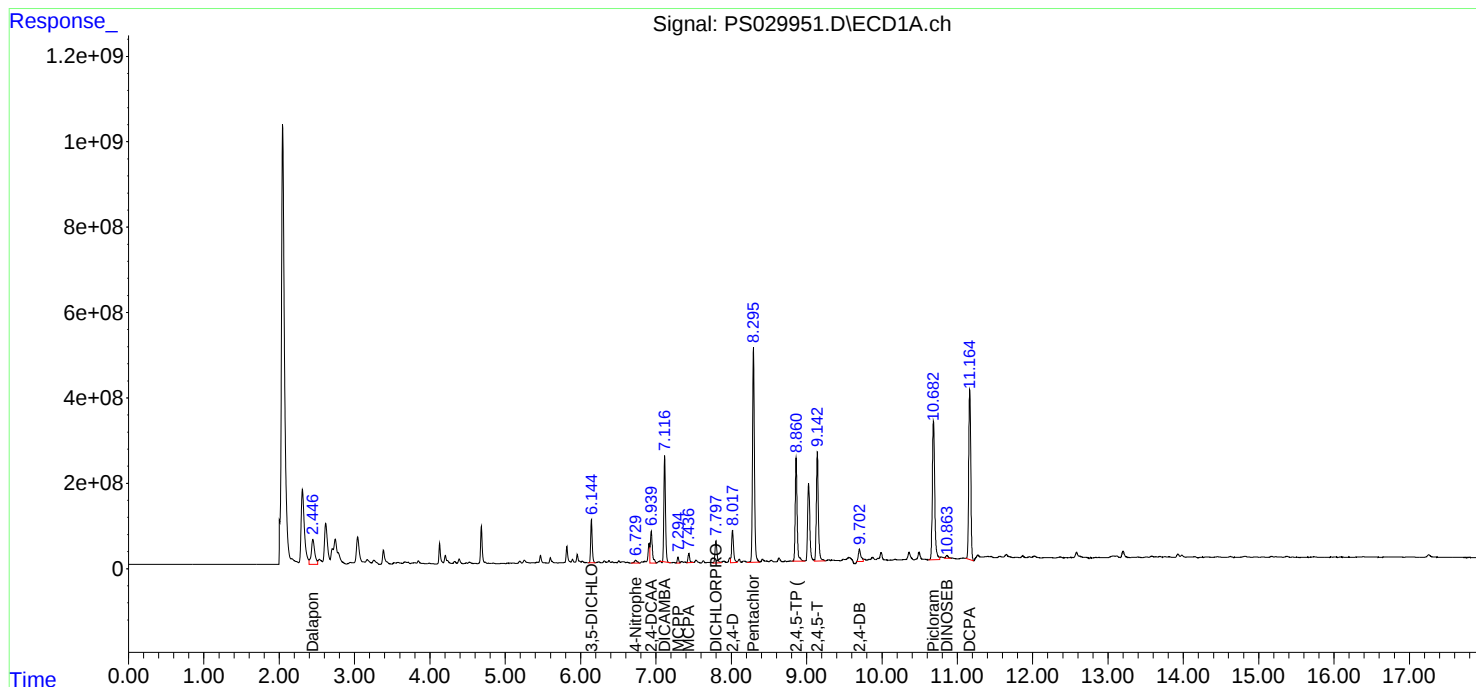
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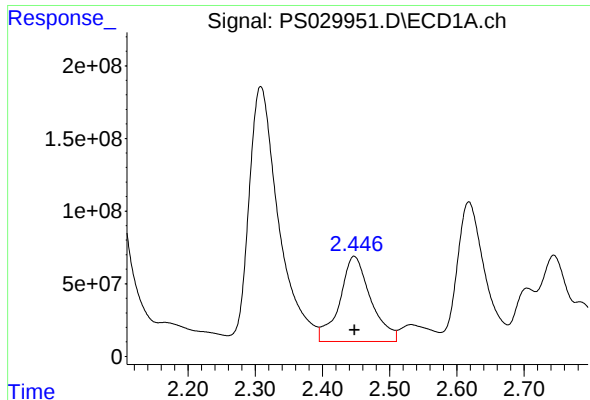
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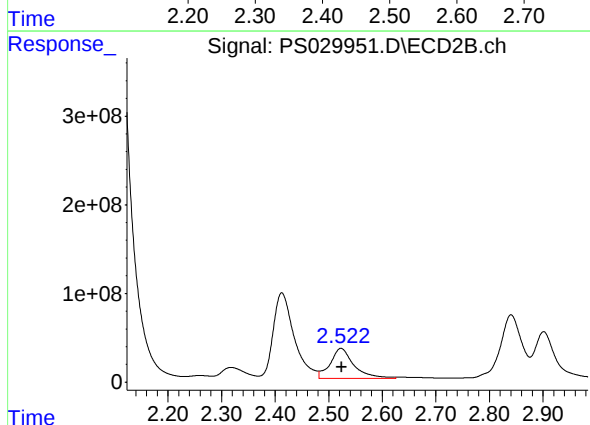
#1 Dalapon

R.T.: 2.447 min
Delta R.T.: -0.001 min
Response: 1882706947
Conc: 459.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
72-12013MS

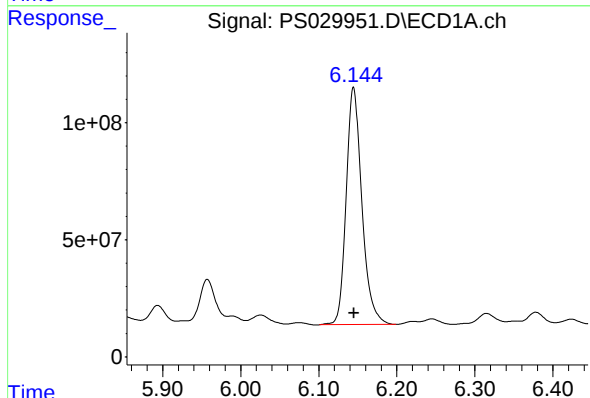
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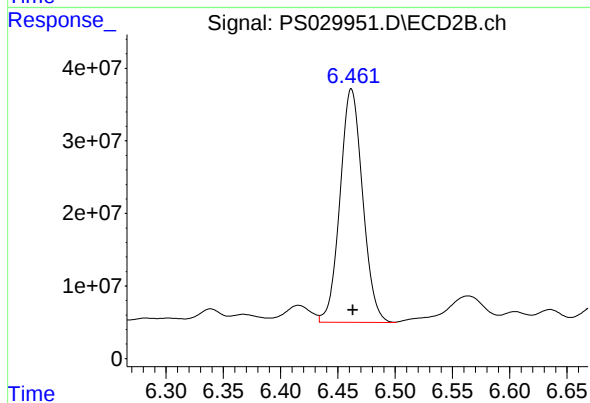
#1 Dalapon

R.T.: 2.523 min
Delta R.T.: -0.002 min
Response: 1050641500
Conc: 605.16 ng/ml



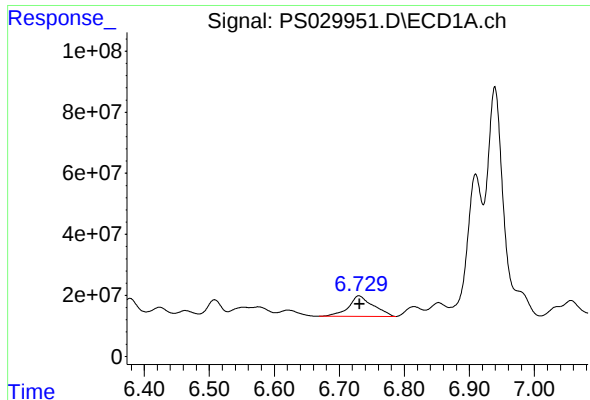
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 1417041553
Conc: 396.51 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.461 min
Delta R.T.: -0.002 min
Response: 439610008
Conc: 449.69 ng/ml m



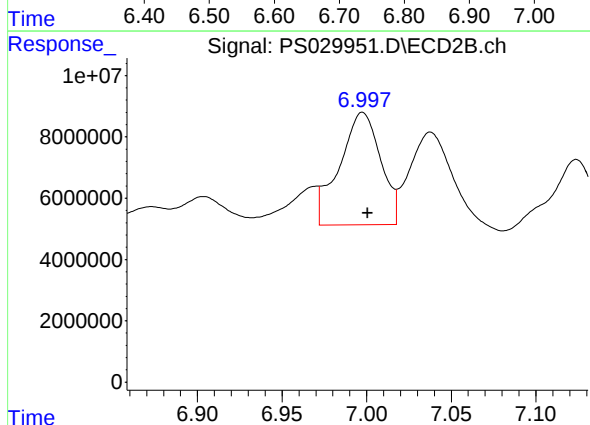
#3 4-Nitrophenol

R.T.: 6.730 min
Delta R.T.: -0.001 min
Response: 179026299
Conc: 100.39 ng/ml

Instrument :
ECD_S
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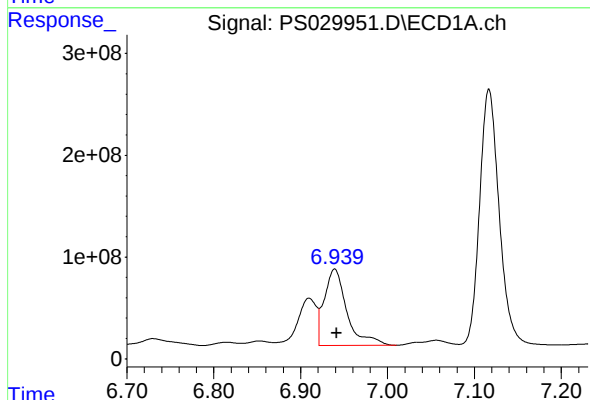
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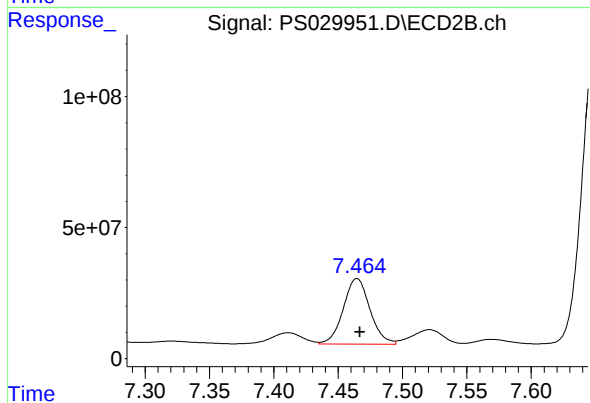
#3 4-Nitrophenol

R.T.: 6.997 min
Delta R.T.: -0.004 min
Response: 61521191
Conc: 80.32 ng/ml m



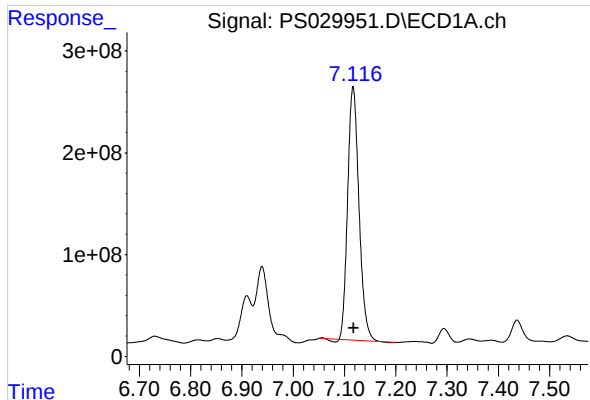
#4 2,4-DCAA

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 1362384354
Conc: 553.57 ng/ml



#4 2,4-DCAA

R.T.: 7.465 min
Delta R.T.: -0.003 min
Response: 360197081
Conc: 511.27 ng/ml



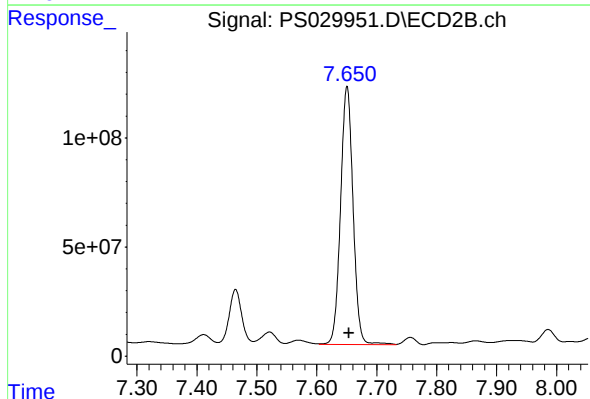
#5 DICAMBA

R.T.: 7.117 min
Delta R.T.: -0.001 min
Response: 3780484920
Conc: 381.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
72-12013MS

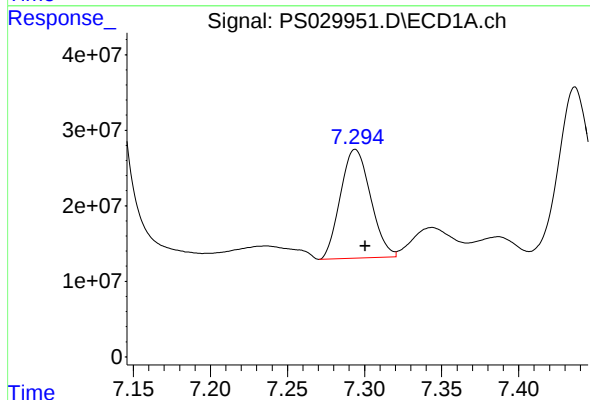
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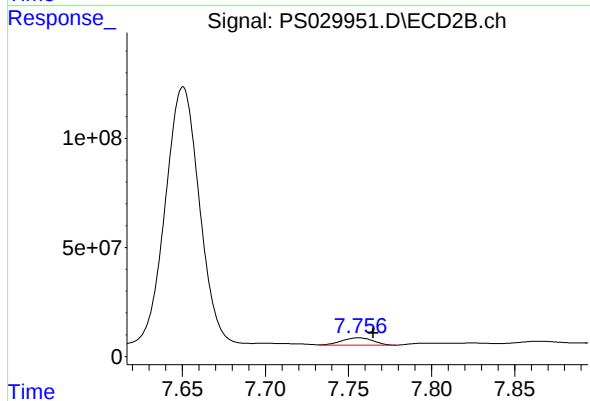
#5 DICAMBA

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 1711174287
Conc: 433.20 ng/ml



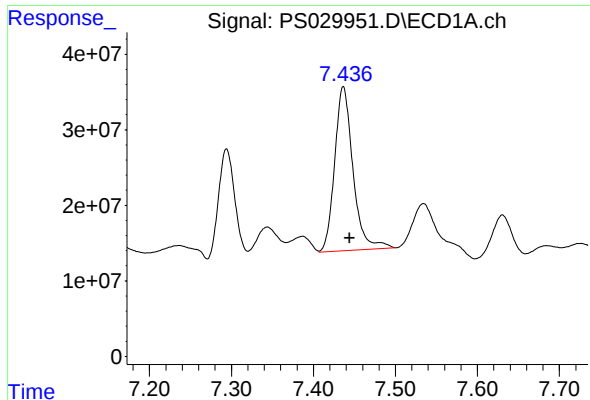
#6 MCPP

R.T.: 7.294 min
Delta R.T.: -0.006 min
Response: 195425509
Conc: 30.33 ug/ml



#6 MCPP

R.T.: 7.756 min
Delta R.T.: -0.009 min
Response: 43696491
Conc: 24.98 ug/ml



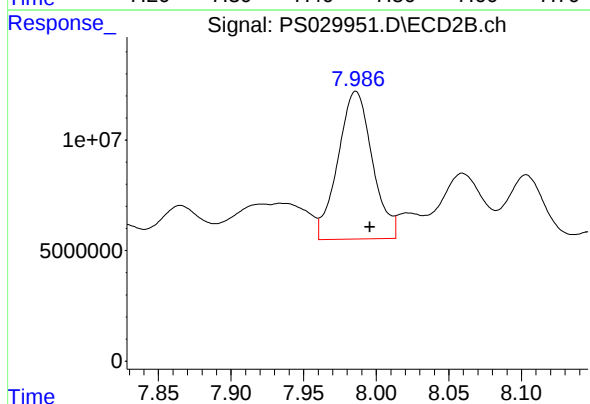
#7 MCPA

R.T.: 7.437 min
Delta R.T.: -0.008 min
Response: 338458989
Conc: 38.32 ug/ml

Instrument :
ECD_S
ClientSampleId :
72-12013MS

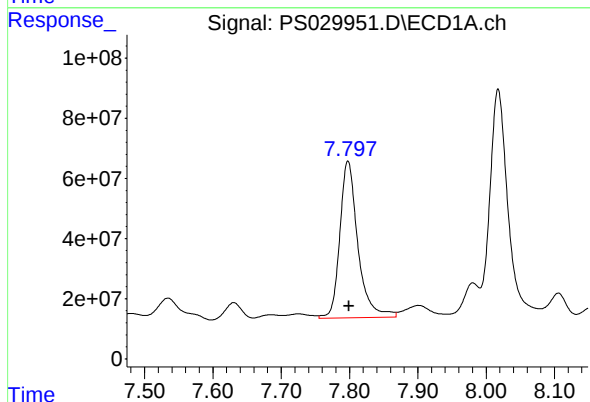
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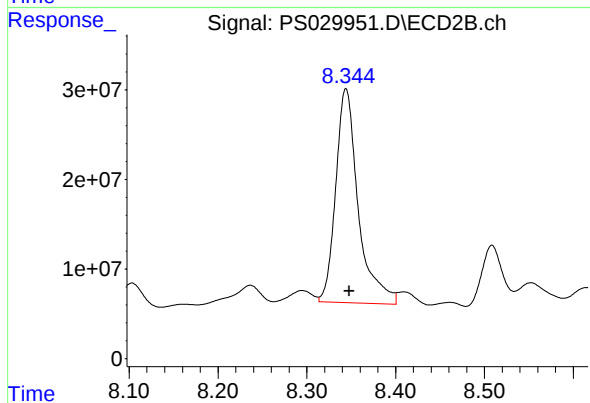
#7 MCPA

R.T.: 7.986 min
Delta R.T.: -0.010 min
Response: 110250908
Conc: 46.60 ug/ml



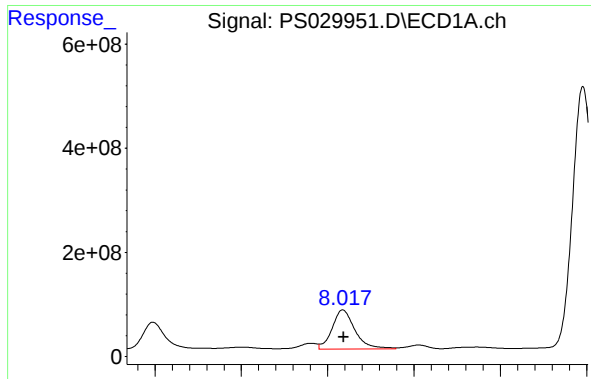
#8 DICHLORPROP

R.T.: 7.798 min
Delta R.T.: -0.001 min
Response: 959096016
Conc: 378.47 ng/ml



#8 DICHLORPROP

R.T.: 8.344 min
Delta R.T.: -0.004 min
Response: 420285994
Conc: 418.63 ng/ml



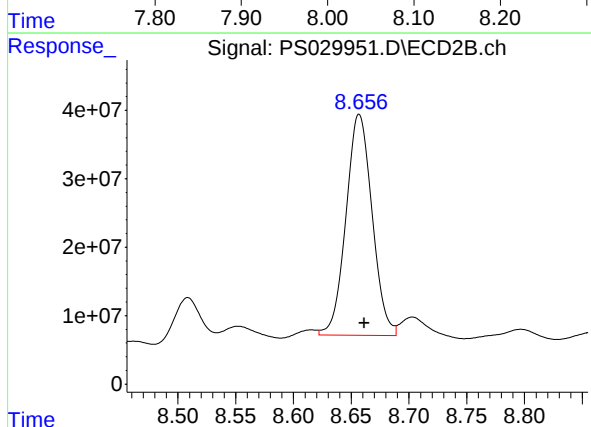
#9 2,4-D

R.T.: 8.018 min
Delta R.T.: -0.001 min
Response: 1377187956
Conc: 489.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
72-12013MS

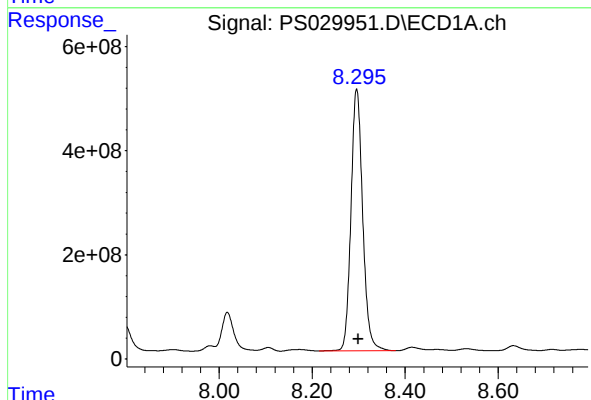
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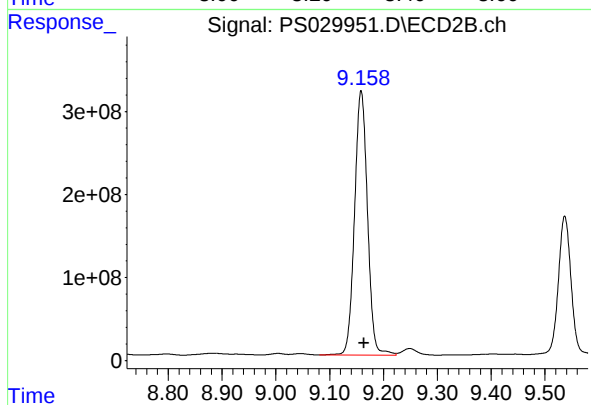
#9 2,4-D

R.T.: 8.656 min
Delta R.T.: -0.005 min
Response: 510079279
Conc: 452.56 ng/ml



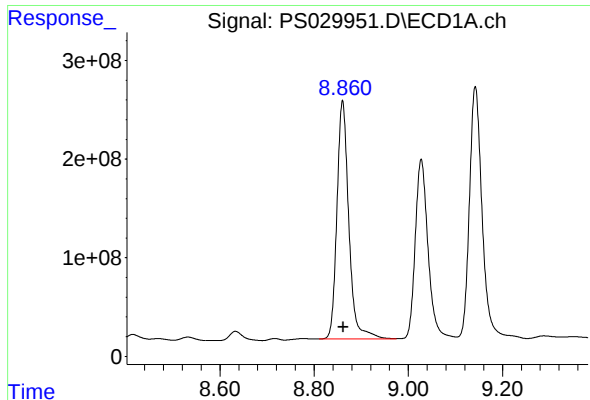
#10 Pentachlorophenol

R.T.: 8.296 min
Delta R.T.: -0.004 min
Response: 8811659295
Conc: 252.59 ng/ml



#10 Pentachlorophenol

R.T.: 9.158 min
Delta R.T.: -0.005 min
Response: 5308648953
Conc: 260.93 ng/ml



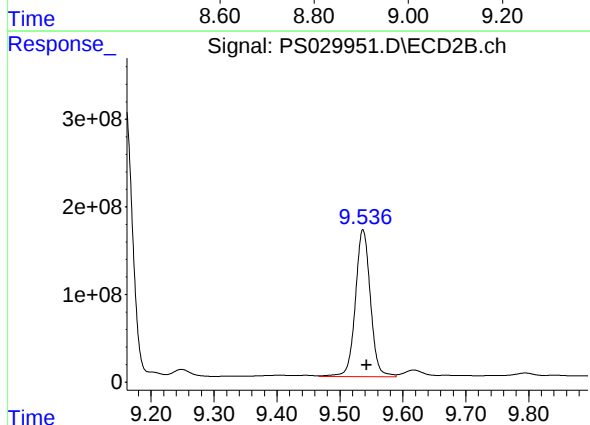
#11 2,4,5-TP (SILVEX)

R.T.: 8.860 min
Delta R.T.: -0.002 min
Response: 4240801264
Conc: 305.91 ng/ml

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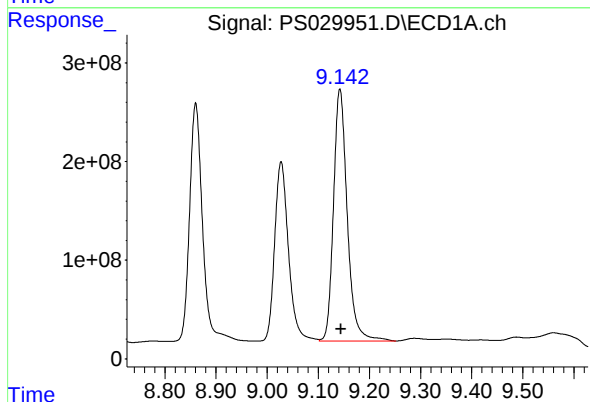
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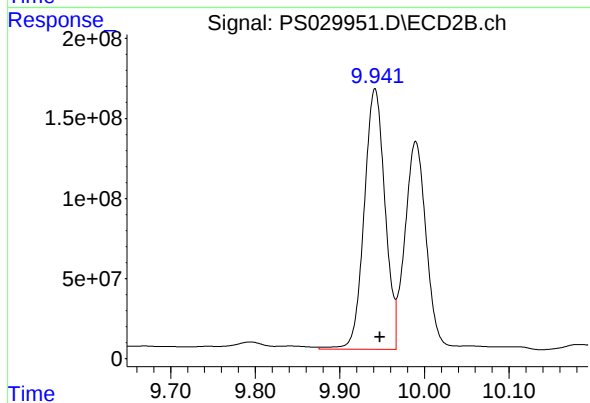
#11 2,4,5-TP (SILVEX)

R.T.: 9.537 min
Delta R.T.: -0.006 min
Response: 2788061160
Conc: 340.77 ng/ml



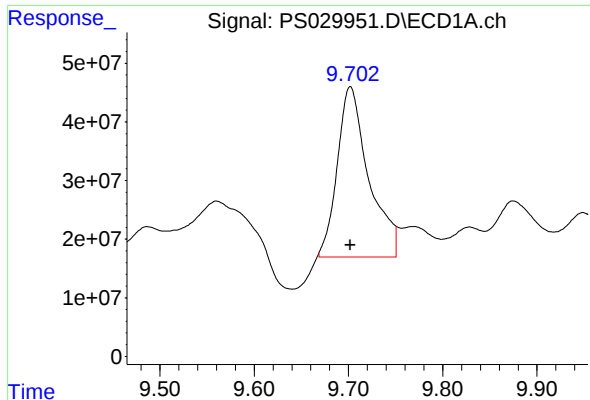
#12 2,4,5-T

R.T.: 9.142 min
Delta R.T.: -0.002 min
Response: 4771545610
Conc: 339.54 ng/ml



#12 2,4,5-T

R.T.: 9.942 min
Delta R.T.: -0.006 min
Response: 2786700346
Conc: 358.99 ng/ml



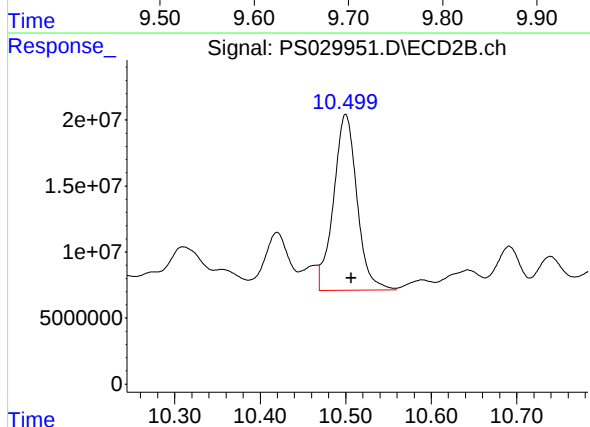
#13 2,4-DB

R.T.: 9.702 min
Delta R.T.: 0.000 min
Response: 672443890
Conc: 294.24 ng/ml

Instrument :
ECD_S
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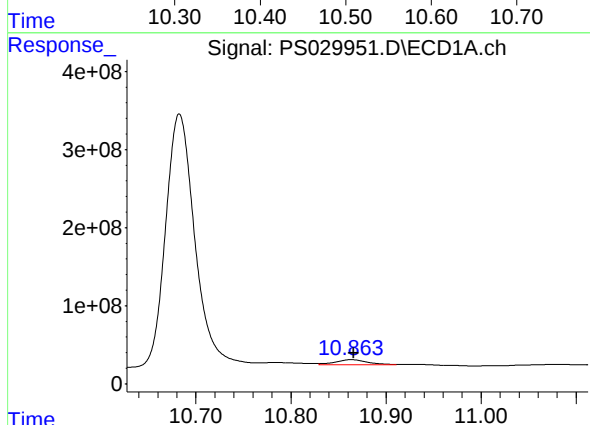
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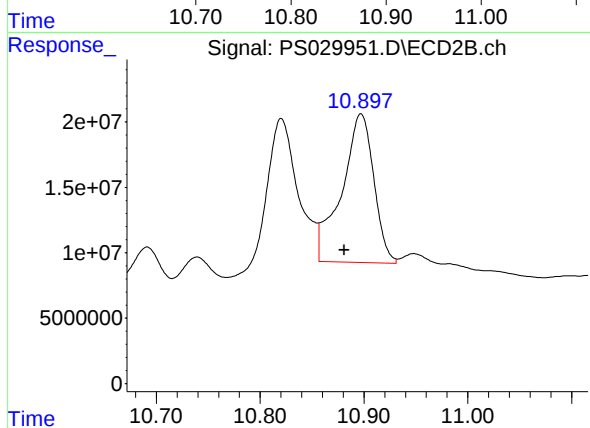
#13 2,4-DB

R.T.: 10.499 min
Delta R.T.: -0.007 min
Response: 252614829
Conc: 313.87 ng/ml



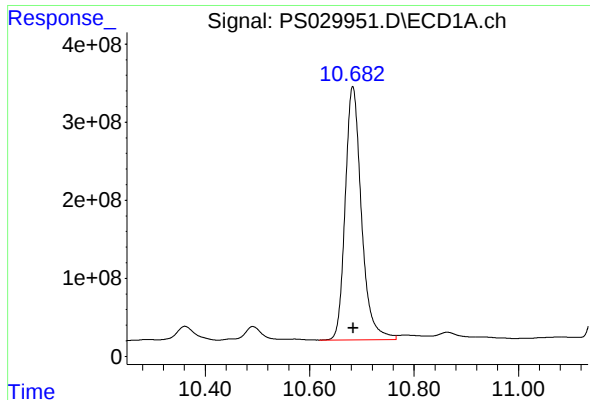
#14 DINOSEB

R.T.: 10.863 min
Delta R.T.: -0.003 min
Response: 148463728
Conc: 14.59 ng/ml



#14 DINOSEB

R.T.: 10.897 min
Delta R.T.: 0.016 min
Response: 243885416
Conc: 41.83 ng/ml



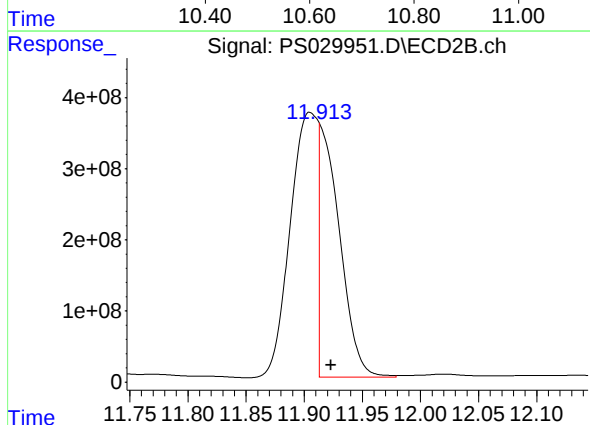
#15 Picloram

R.T.: 10.683 min
Delta R.T.: 0.000 min
Response: 7001058097
Conc: 381.93 ng/ml

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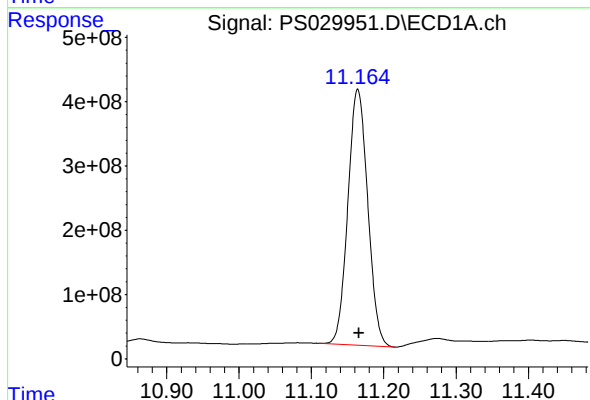
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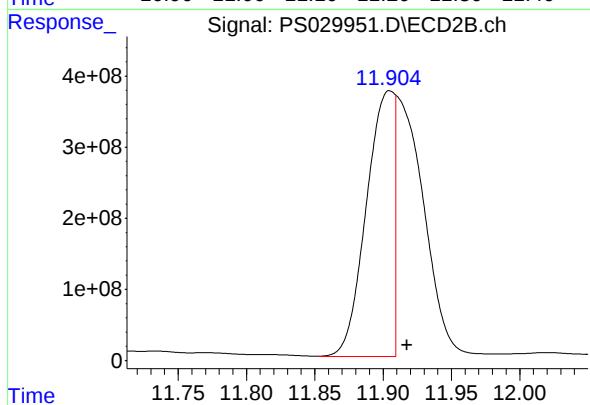
#15 Picloram

R.T.: 11.913 min
Delta R.T.: -0.010 min
Response: 4311306891
Conc: 350.98 ng/ml m



#16 DCPA

R.T.: 11.164 min
Delta R.T.: -0.002 min
Response: 7582062498
Conc: 445.45 ng/ml



#16 DCPA

R.T.: 11.904 min
Delta R.T.: -0.014 min
Response: 5462213621
Conc: 484.60 ng/ml m