

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
 Data File : PS029937.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 18:38
 Operator : AR\AJ
 Sample : Q1842-06MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PL-714-COMP-08MSD

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 00:23:42 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 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	6.941	7.466	1180.3E6	341.7E6	479.586	485.010
Target Compounds							
1) T	Dalapon	2.447	2.523	1435.4E6	676.6E6	350.493	389.740m
2) T	3,5-DICHL...	6.145	6.463	1699.1E6	477.0E6	475.433	487.939
3) T	4-Nitroph...	6.735	7.001	31643656	13320849	17.744	17.392
5) T	DICAMBA	7.118	7.652	4179.9E6	1785.0E6	422.094	451.895
6) T	MCPD	7.295	7.759	325.1E6	72813648	50.456m	41.633
7) T	MCPA	7.437	7.988	344.9E6	120.8E6	39.050	51.081 #
8) T	DICHLORPROP	7.798	8.346	1143.5E6	538.0E6	451.262	535.908
9) T	2,4-D	8.018	8.659	1509.6E6	588.4E6	536.678	522.046
10) T	Pentachlo...	8.297	9.161	16762.2E6	9494.5E6	480.500	466.678
11) T	2,4,5-TP ...	8.861	9.540	7162.1E6	4177.0E6	516.640	510.532
12) T	2,4,5-T	9.144	9.945	6770.2E6	3706.4E6	481.756	477.466
13) T	2,4-DB	9.702	10.503	880.6E6	400.5E6	385.331m	497.641 #
14) T	DINOSEB	10.864	10.878	3985.2E6	2197.4E6	391.722	376.854
15) T	Picloram	10.684	11.915	7322.0E6	4620.2E6	399.440	376.123m
16) T	DCPA	11.166	11.909	7891.5E6	5484.6E6	463.633	486.585m

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

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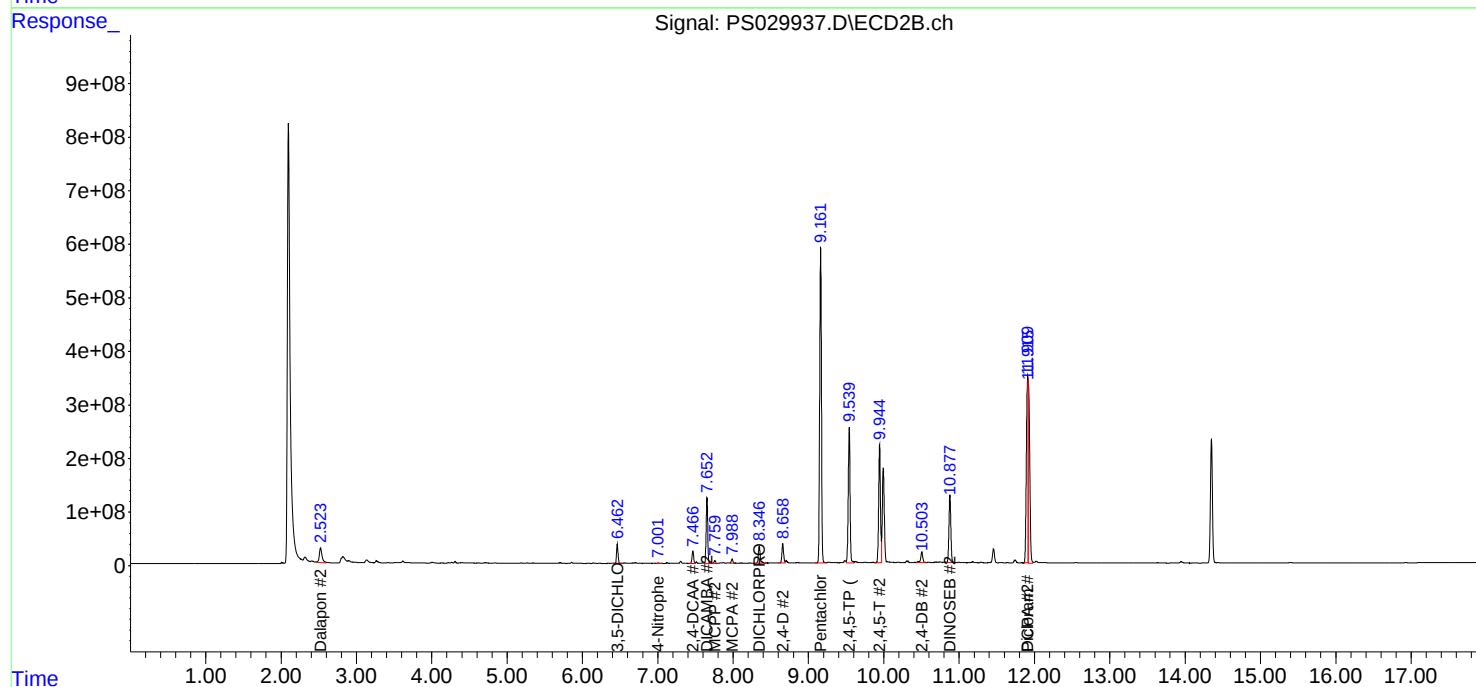
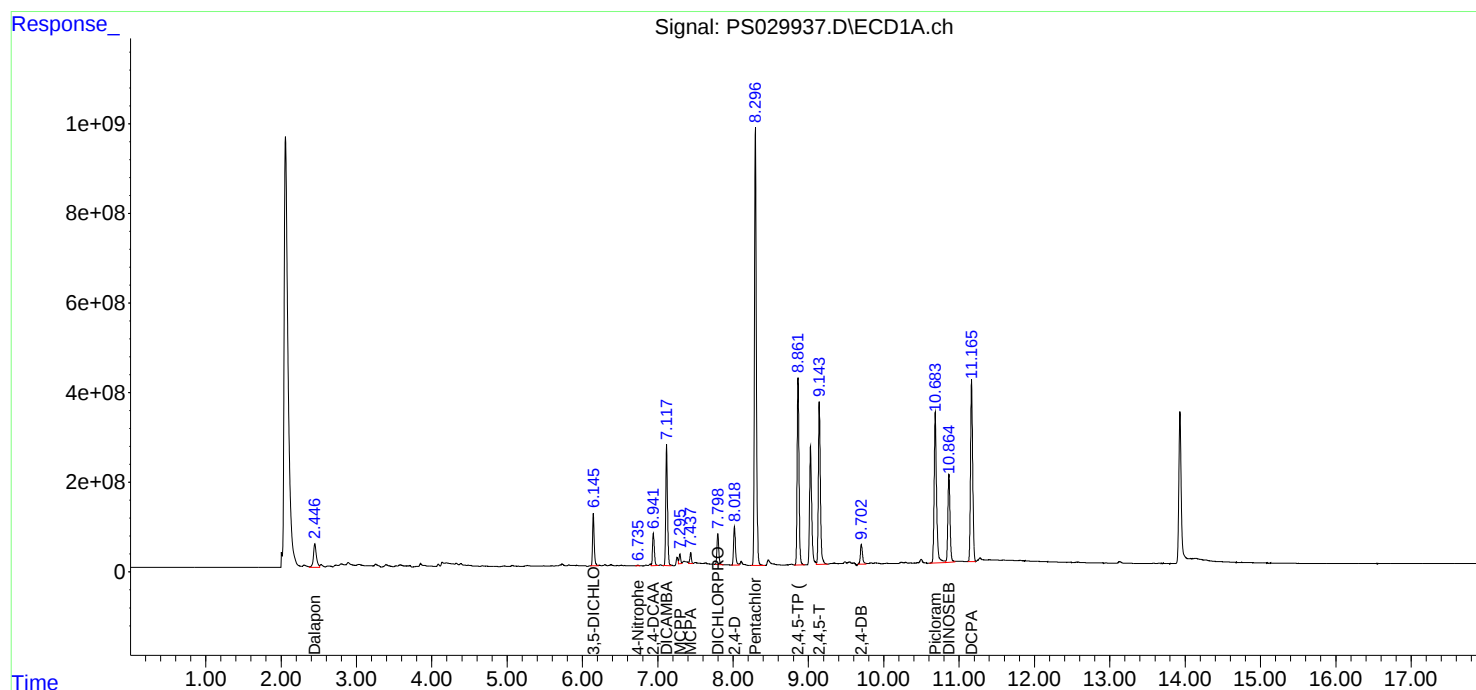
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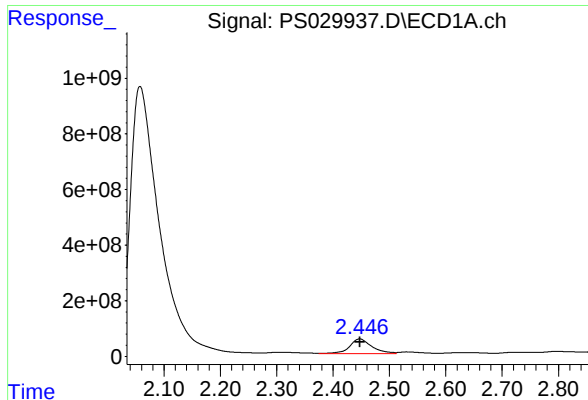
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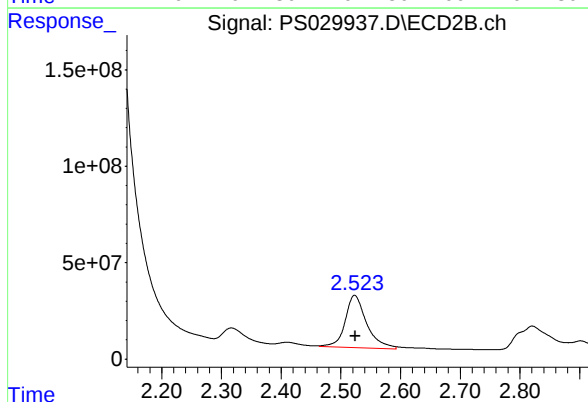
#1 Dalapon

R.T.: 2.447 min
Delta R.T.: 0.000 min
Response: 1435361159
Conc: 350.49 ng/ml

Instrument :
ECD_S
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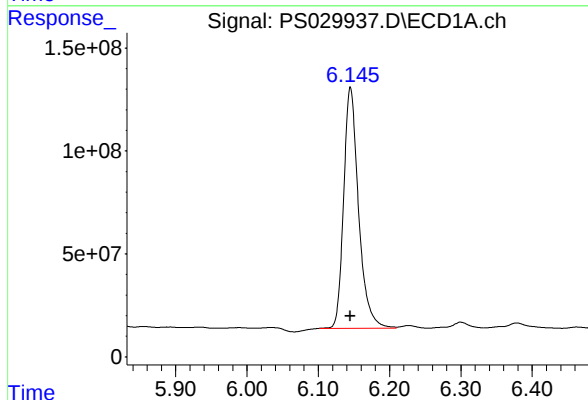
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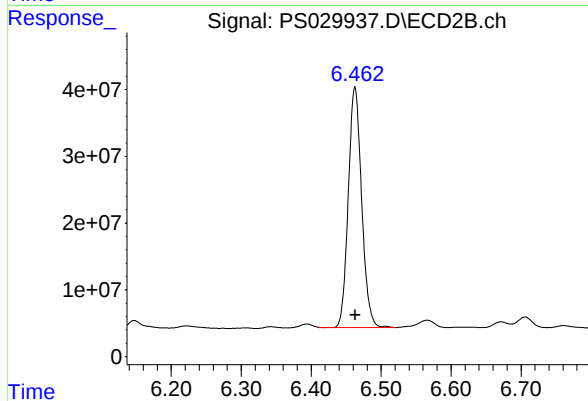
#1 Dalapon

R.T.: 2.523 min
Delta R.T.: -0.002 min
Response: 676644737
Conc: 389.74 ng/ml m



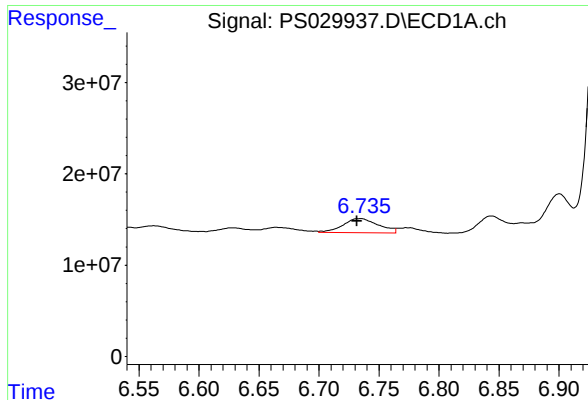
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 1699095973
Conc: 475.43 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 476999028
Conc: 487.94 ng/ml



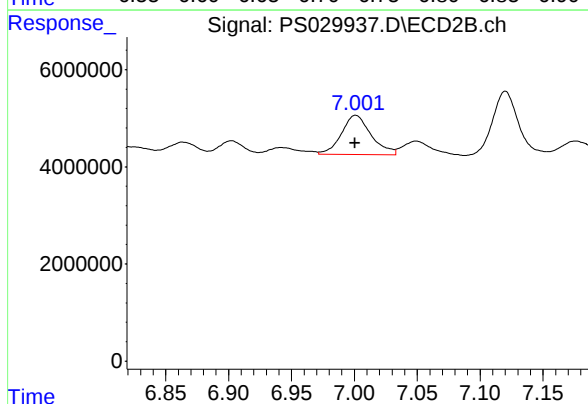
#3 4-Nitrophenol

R.T.: 6.735 min
Delta R.T.: 0.003 min
Response: 31643656
Conc: 17.74 ng/ml

Instrument :
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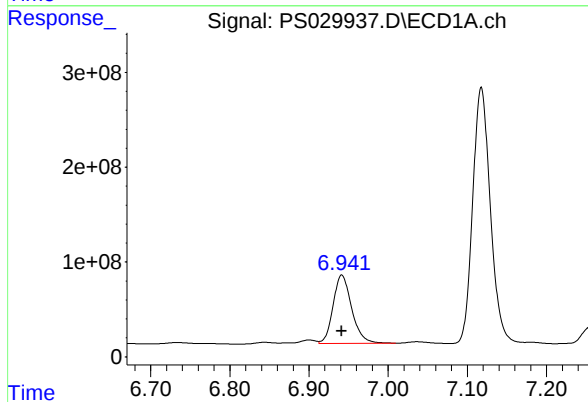
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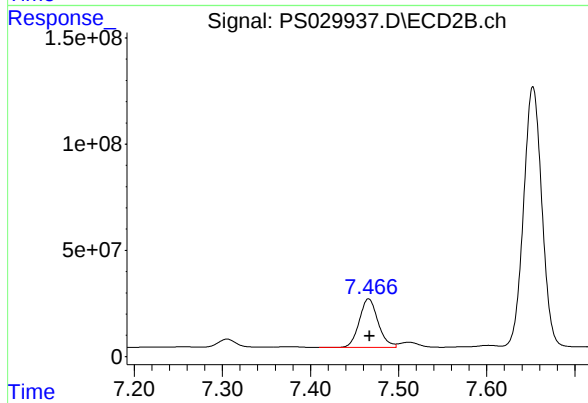
#3 4-Nitrophenol

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 13320849
Conc: 17.39 ng/ml



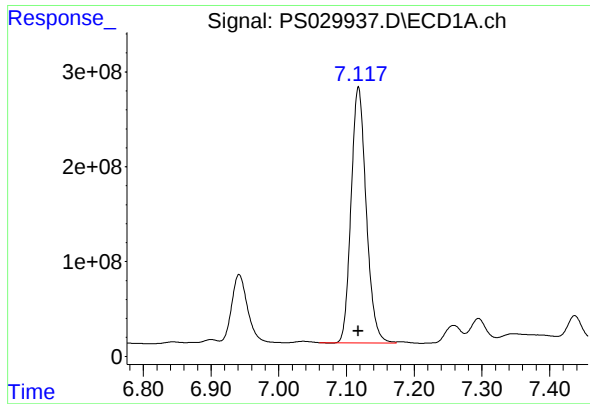
#4 2,4-DCAA

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 1180299143
Conc: 479.59 ng/ml



#4 2,4-DCAA

R.T.: 7.466 min
Delta R.T.: -0.001 min
Response: 341697660
Conc: 485.01 ng/ml



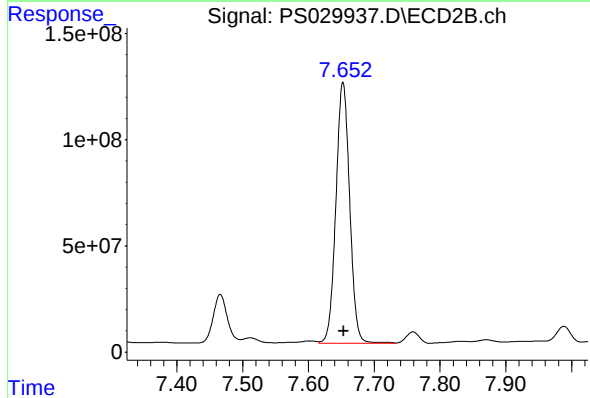
#5 DICAMBA

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 4179944925
Conc: 422.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
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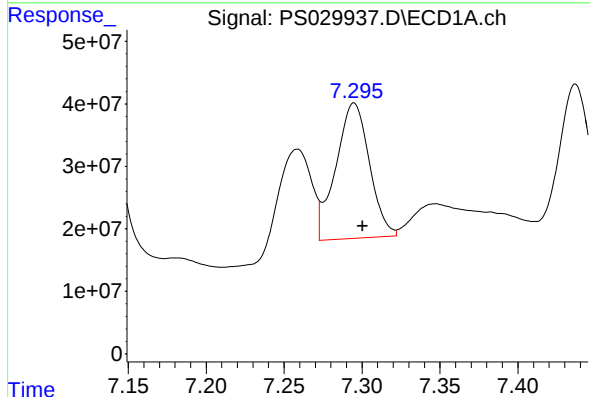
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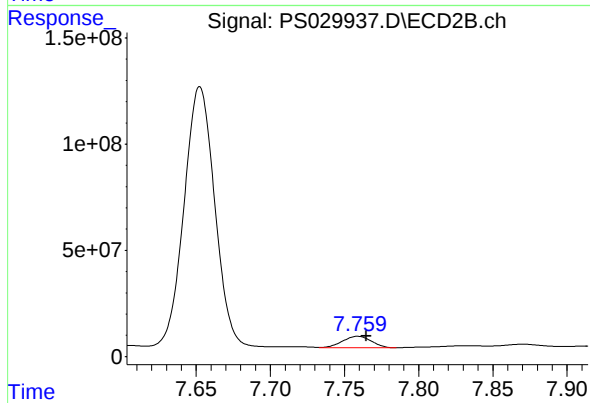
#5 DICAMBA

R.T.: 7.652 min
Delta R.T.: -0.001 min
Response: 1785014592
Conc: 451.90 ng/ml



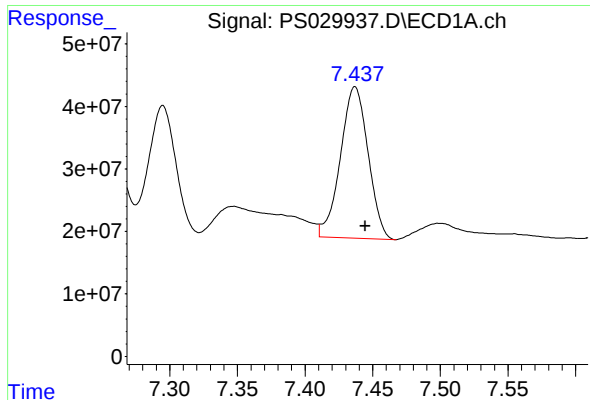
#6 MCPP

R.T.: 7.295 min
Delta R.T.: -0.006 min
Response: 325119487
Conc: 50.46 ug/ml m



#6 MCPP

R.T.: 7.759 min
Delta R.T.: -0.006 min
Response: 72813648
Conc: 41.63 ug/ml



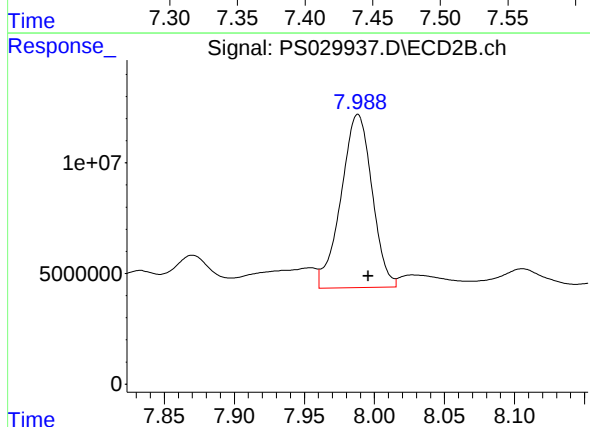
#7 MCPA

R.T.: 7.437 min
Delta R.T.: -0.008 min
Response: 344863157
Conc: 39.05 ug/ml

Instrument :
ECD_S
ClientSampleId :
PL-714-COMP-08MSD

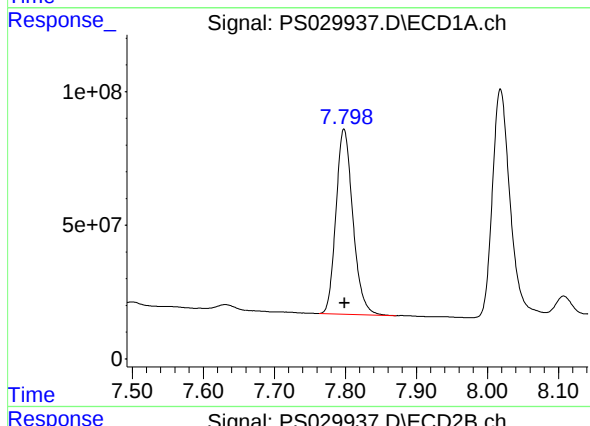
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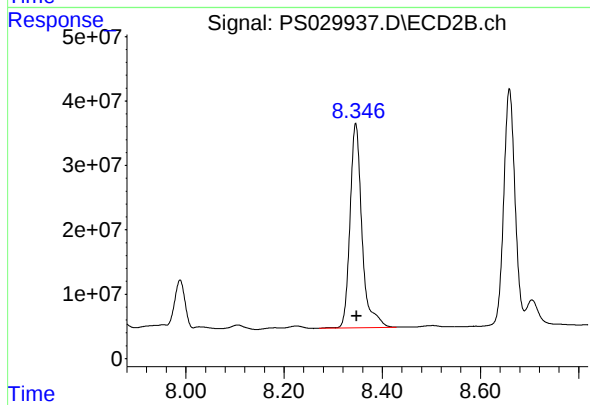
#7 MCPA

R.T.: 7.988 min
Delta R.T.: -0.008 min
Response: 120847003
Conc: 51.08 ug/ml



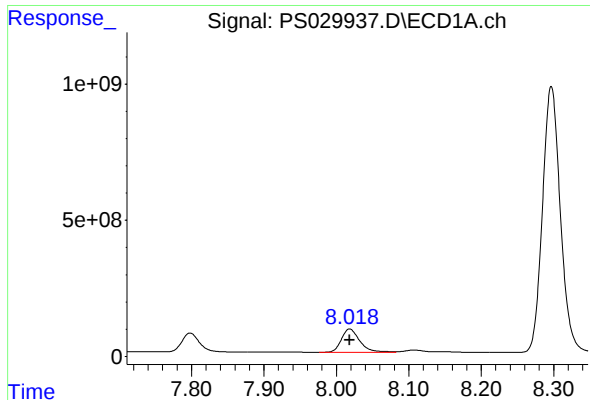
#8 DICHLORPROP

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 1143547828
Conc: 451.26 ng/ml



#8 DICHLORPROP

R.T.: 8.346 min
Delta R.T.: -0.002 min
Response: 538032024
Conc: 535.91 ng/ml



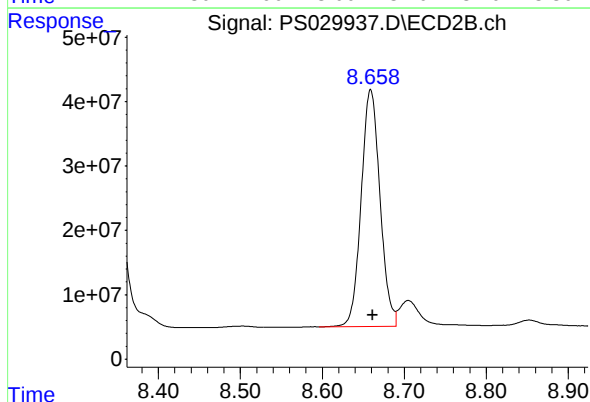
#9 2,4-D

R.T.: 8.018 min
Delta R.T.: 0.000 min
Response: 1509606812
Conc: 536.68 ng/ml

Instrument :
ECD_S
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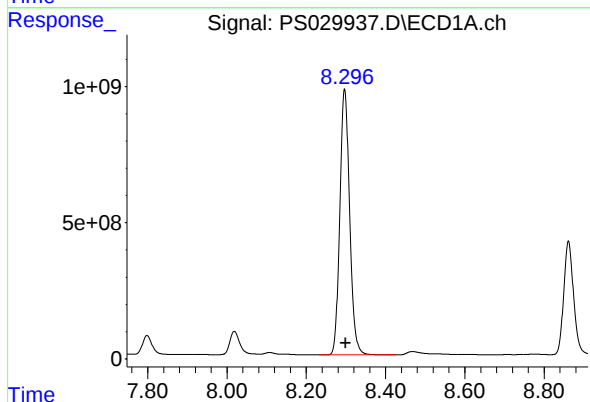
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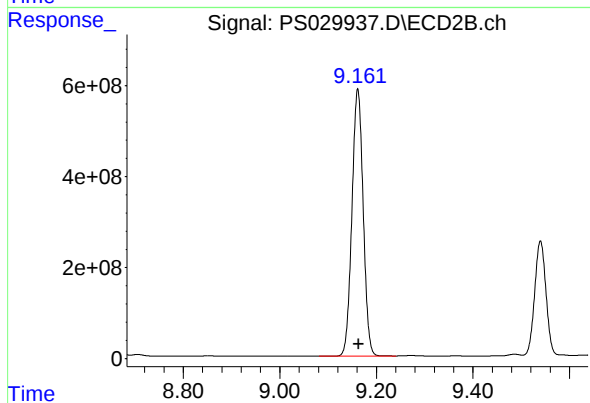
#9 2,4-D

R.T.: 8.659 min
Delta R.T.: -0.002 min
Response: 588401638
Conc: 522.05 ng/ml



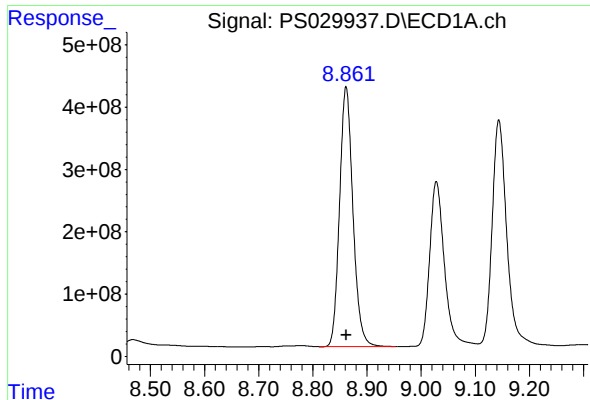
#10 Pentachlorophenol

R.T.: 8.297 min
Delta R.T.: -0.003 min
Response: 16762244933
Conc: 480.50 ng/ml



#10 Pentachlorophenol

R.T.: 9.161 min
Delta R.T.: -0.002 min
Response: 9494485507
Conc: 466.68 ng/ml



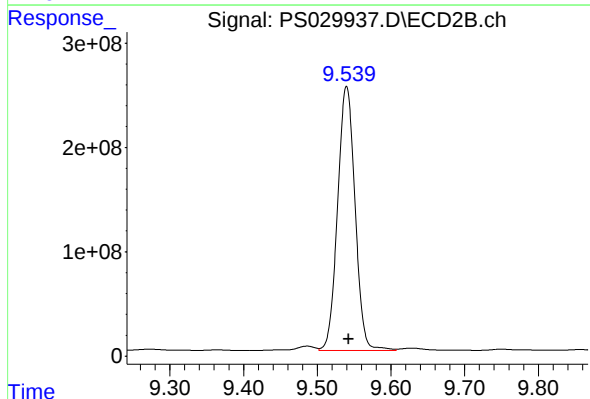
#11 2,4,5-TP (SILVEX)

R.T.: 8.861 min
Delta R.T.: 0.000 min
Response: 7162100891
Conc: 516.64 ng/ml

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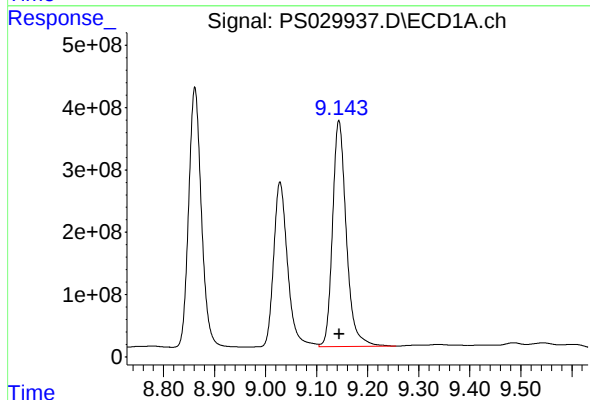
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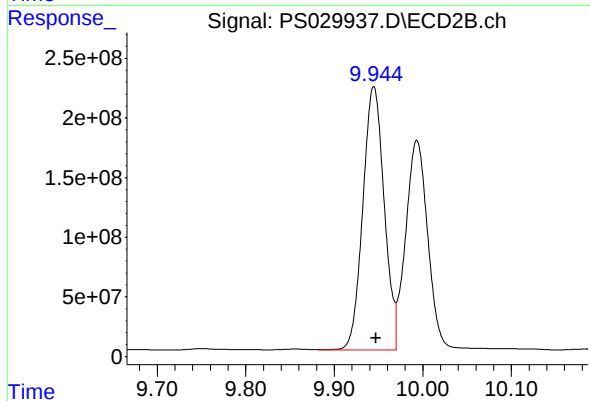
#11 2,4,5-TP (SILVEX)

R.T.: 9.540 min
Delta R.T.: -0.003 min
Response: 4177045306
Conc: 510.53 ng/ml



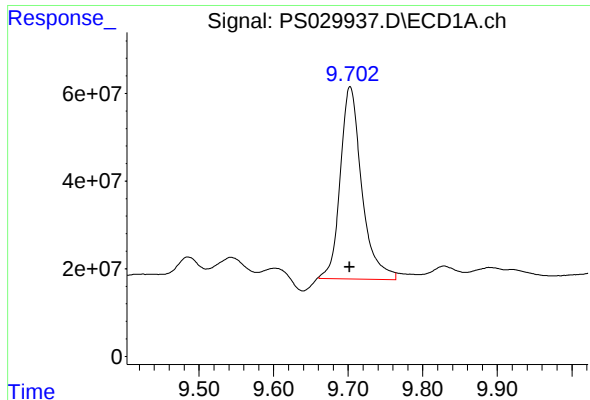
#12 2,4,5-T

R.T.: 9.144 min
Delta R.T.: 0.000 min
Response: 6770167928
Conc: 481.76 ng/ml



#12 2,4,5-T

R.T.: 9.945 min
Delta R.T.: -0.003 min
Response: 3706376922
Conc: 477.47 ng/ml



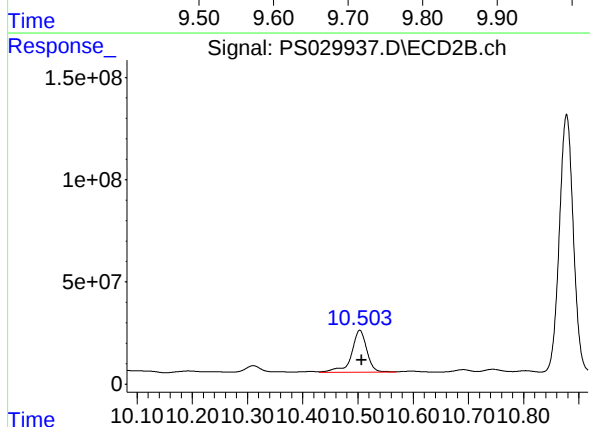
#13 2,4-DB

R.T.: 9.702 min
Delta R.T.: 0.000 min
Response: 880617750
Conc: 385.33 ng/ml

Instrument :
ECD_S
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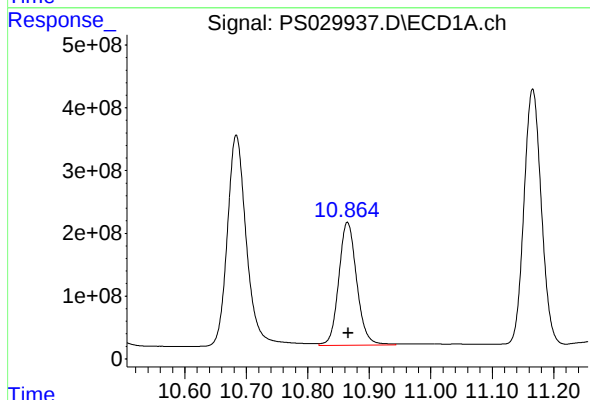
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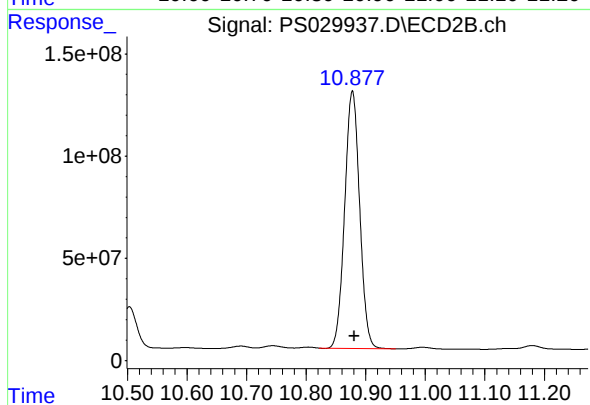
#13 2,4-DB

R.T.: 10.503 min
Delta R.T.: -0.003 min
Response: 400522756
Conc: 497.64 ng/ml



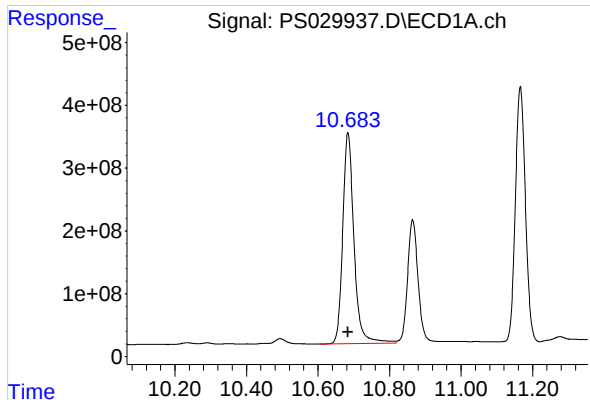
#14 DINOSEB

R.T.: 10.864 min
Delta R.T.: -0.002 min
Response: 3985157238
Conc: 391.72 ng/ml



#14 DINOSEB

R.T.: 10.878 min
Delta R.T.: -0.003 min
Response: 2197431359
Conc: 376.85 ng/ml



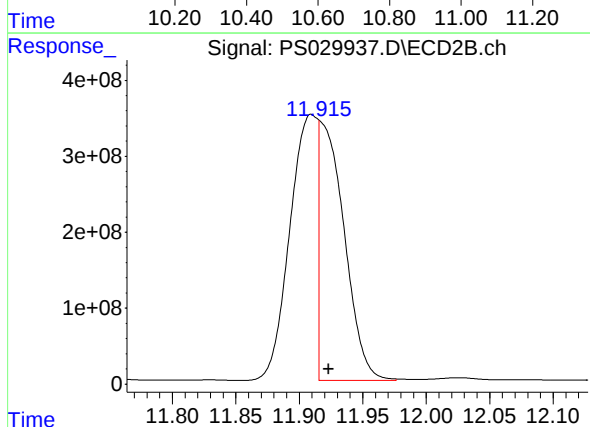
#15 Picloram

R.T.: 10.684 min
Delta R.T.: 0.000 min
Response: 7321980586
Conc: 399.44 ng/ml

Instrument :
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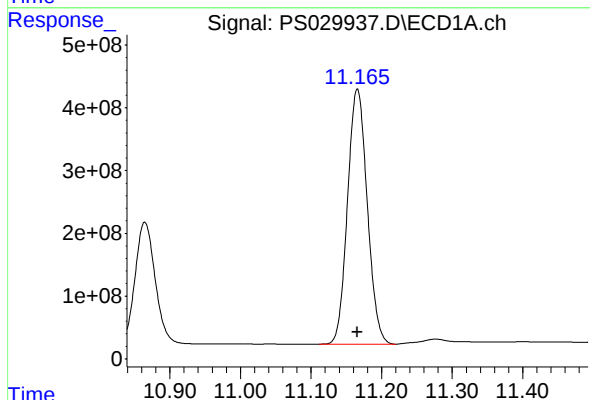
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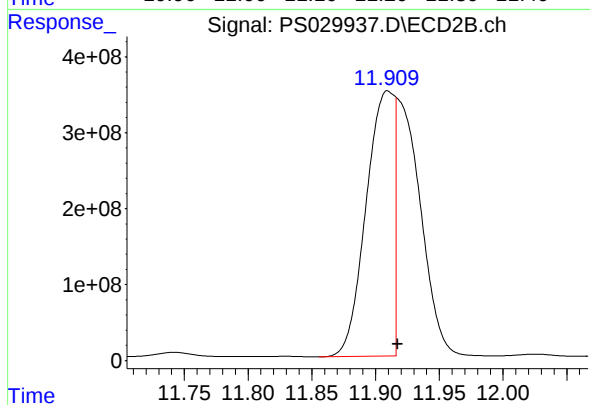
#15 Picloram

R.T.: 11.915 min
Delta R.T.: -0.008 min
Response: 4620162407
Conc: 376.12 ng/ml m



#16 DCPA

R.T.: 11.166 min
Delta R.T.: 0.000 min
Response: 7891504766
Conc: 463.63 ng/ml



#16 DCPA

R.T.: 11.909 min
Delta R.T.: -0.009 min
Response: 5484612661
Conc: 486.58 ng/ml m