

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041725\
 Data File : PS029845.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2025 20:39
 Operator : AR\AJ
 Sample : Q1788-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/18/2025
 Supervised By :mohammad ahmed 04/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 23:43:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.945	7.472	138.4E6	57419600	67.891m	84.253
Target Compounds							
1) T	Dalapon	2.450	2.527	812.6E6	307.1E6	239.548	193.465m
2) T	3,5-DICHL...	6.152	6.468	133.9E6	42724336	44.519	44.248m
3) T	4-Nitroph...	6.733	7.006	27283172	41871100	19.421	59.057 #
5) T	DICAMBA	7.124	7.658	441.0E6	164.1E6	52.995m	44.439
6) T	MCP	7.346f	7.746	198.5E6	56993560	36.628	33.754
7) T	MCPA	7.463	8.019	157.4E6	11783302	21.658m	5.179m#
8) T	DICHLORPROP	7.829	8.381	97427414	100.9E6	44.297m	104.440m#
9) T	2,4-D	8.027	8.667	158.5E6	62963508	65.781	58.383
10) T	Pentachlo...	8.304	9.169	2960.8E6	1762.6E6	97.379	98.314m
11) T	2,4,5-TP ...	8.868	9.548	318.4E6	228.6E6	27.414	31.695
12) T	2,4,5-T	9.151	9.953	305.8E6	251.1E6	26.579m	37.455 #
13) T	2,4-DB	9.721	10.499	139.1E6	97051776	76.571m	130.802 #
14) T	DINOSEB	10.876	10.883	181.8E6	168.7E6	21.530	32.993m#
15) T	Picloram	10.694	11.916	1590.1E6	1827.5E6	102.586	154.554m#
16) T	DCPA	11.175	11.915	3218.9E6	1213.9E6	230.482m	137.156m#

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

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Acq On : 17 Apr 2025 20:39
Operator : AR\AJ
Sample : Q1788-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

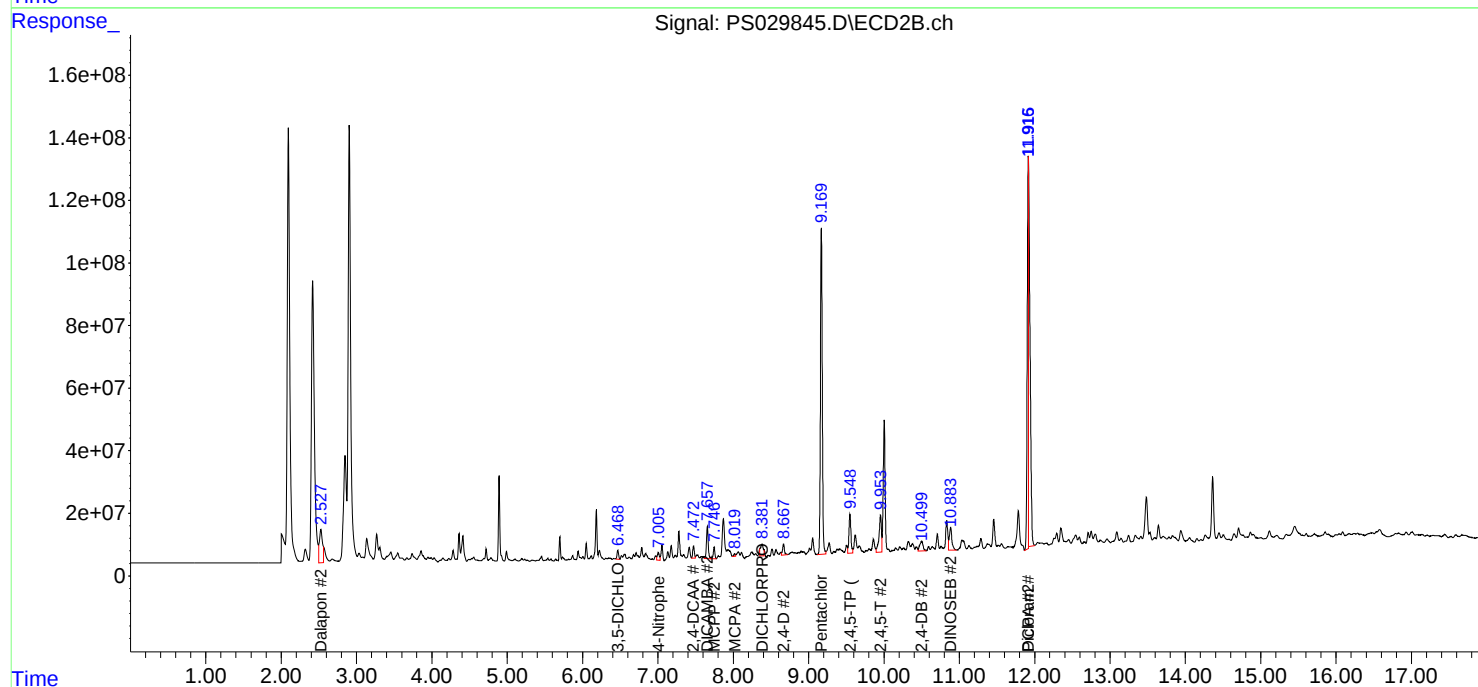
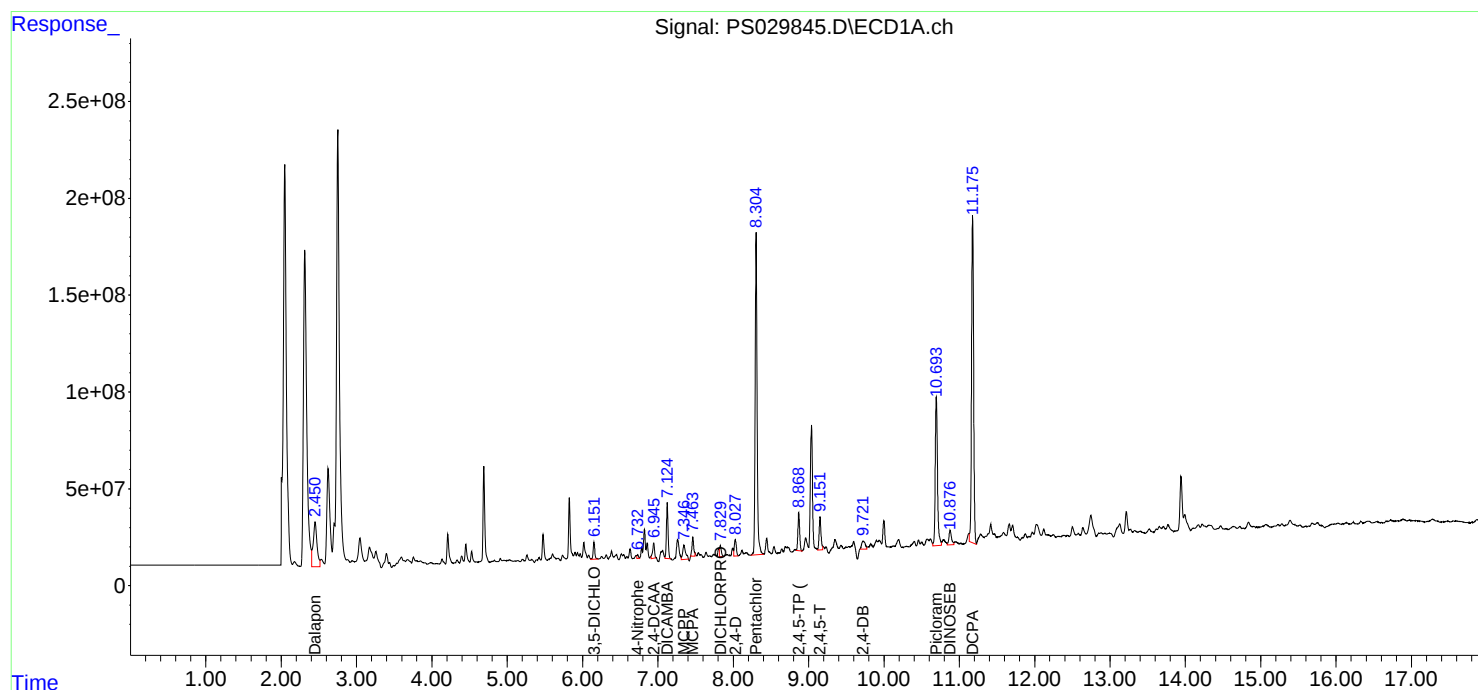
Instrument :
ECD_S
ClientSampleId :
WC-1MSD

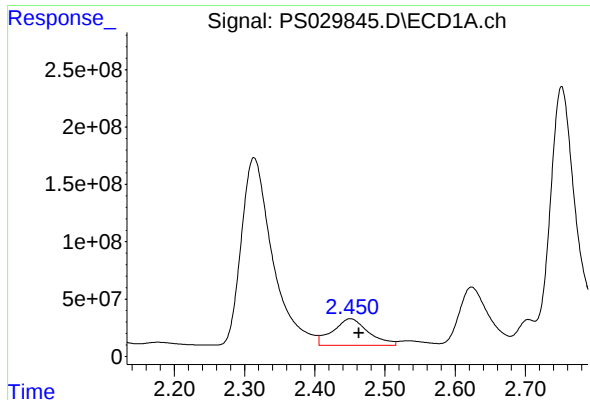
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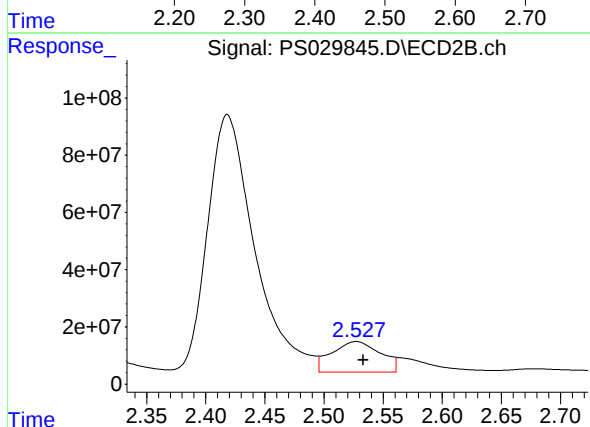
#1 Dalapon

R.T.: 2.450 min
Delta R.T.: -0.013 min
Response: 812641210
Conc: 239.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MSD

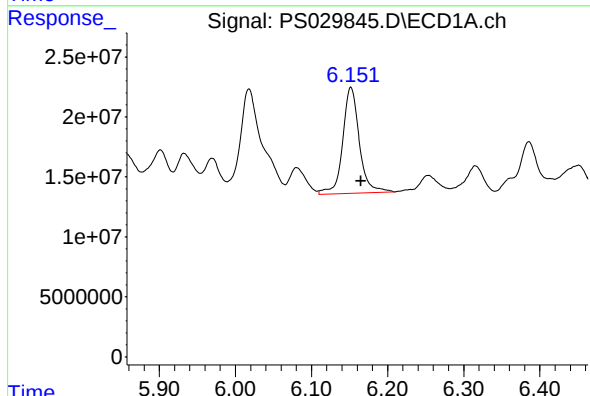
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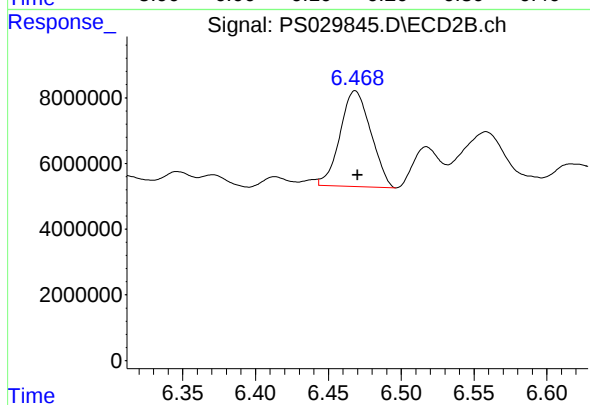
#1 Dalapon

R.T.: 2.527 min
Delta R.T.: -0.006 min
Response: 307143941
Conc: 193.46 ng/ml m



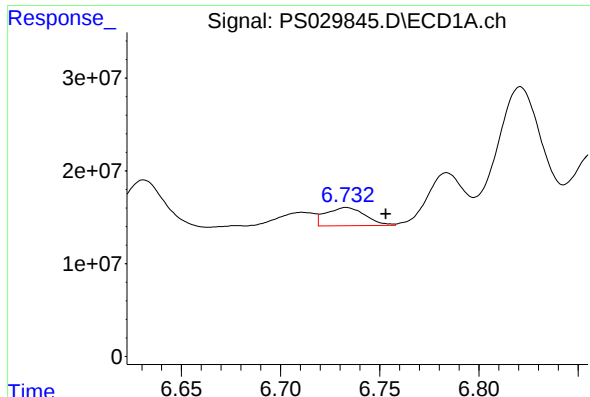
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.152 min
Delta R.T.: -0.013 min
Response: 133901474
Conc: 44.52 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.468 min
Delta R.T.: -0.002 min
Response: 42724336
Conc: 44.25 ng/ml m



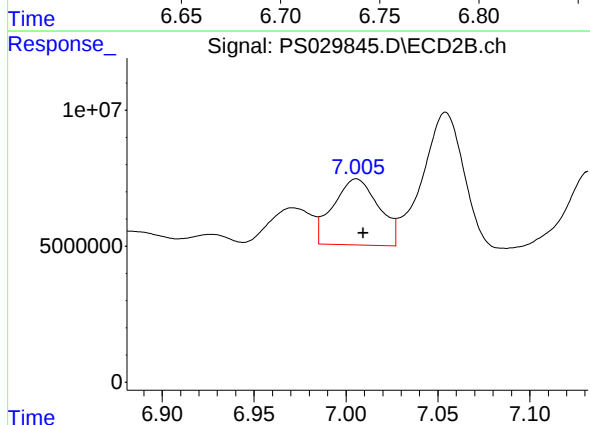
#3 4-Nitrophenol

R.T.: 6.733 min
Delta R.T.: -0.020 min
Response: 27283172
Conc: 19.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MSD

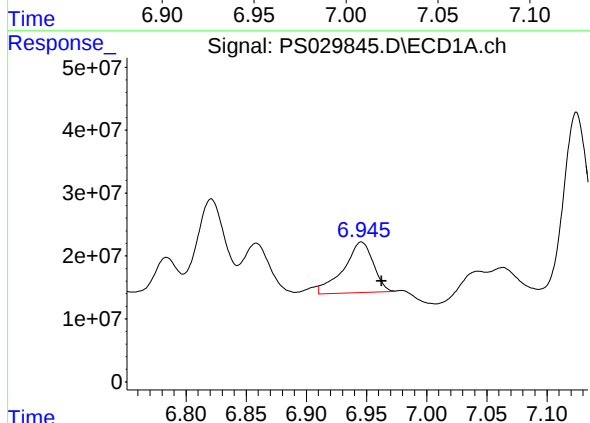
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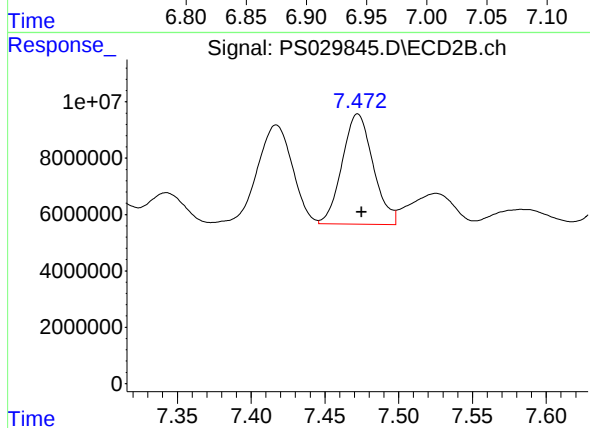
#3 4-Nitrophenol

R.T.: 7.006 min
Delta R.T.: -0.004 min
Response: 41871100
Conc: 59.06 ng/ml



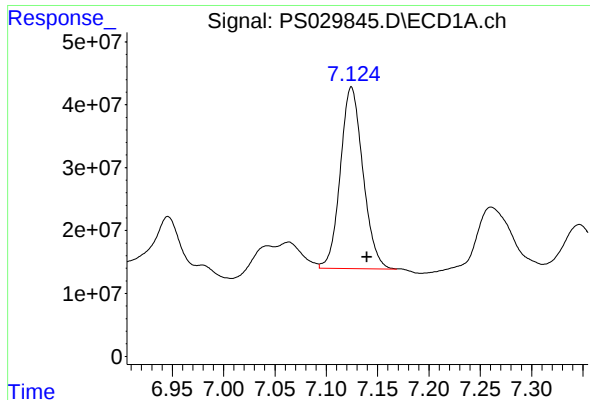
#4 2,4-DCAA

R.T.: 6.945 min
Delta R.T.: -0.017 min
Response: 138417842
Conc: 67.89 ng/ml m



#4 2,4-DCAA

R.T.: 7.472 min
Delta R.T.: -0.003 min
Response: 57419600
Conc: 84.25 ng/ml



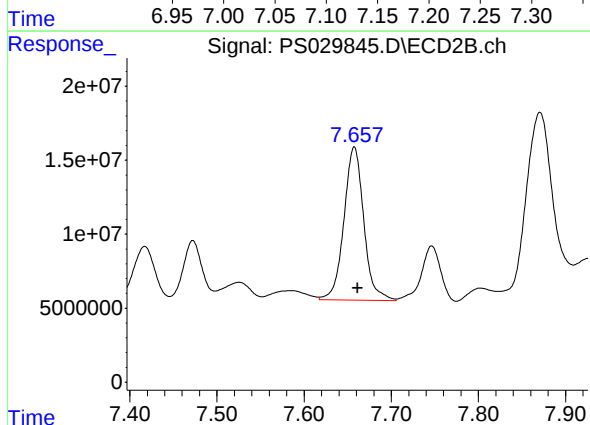
#5 DICAMBA

R.T.: 7.124 min
Delta R.T.: -0.016 min
Response: 441025379
Conc: 53.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MSD

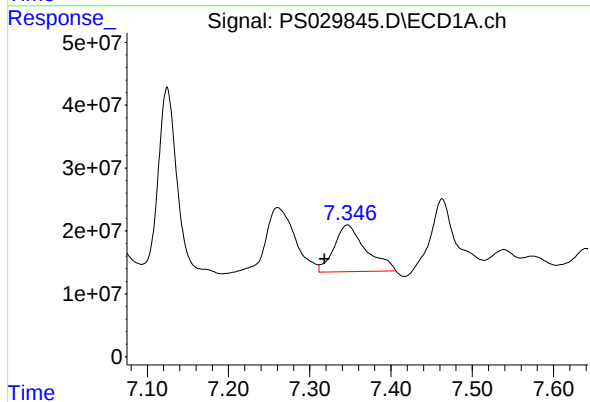
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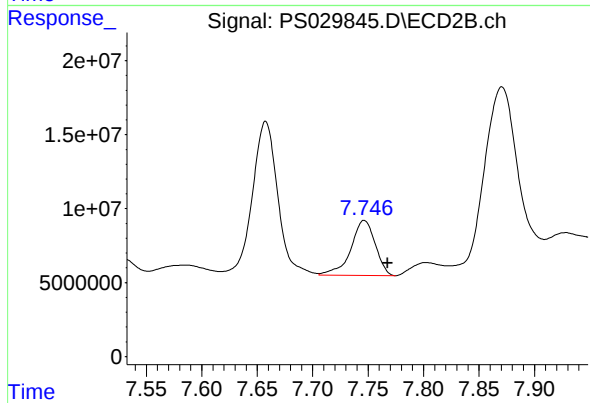
#5 DICAMBA

R.T.: 7.658 min
Delta R.T.: -0.004 min
Response: 164129134
Conc: 44.44 ng/ml



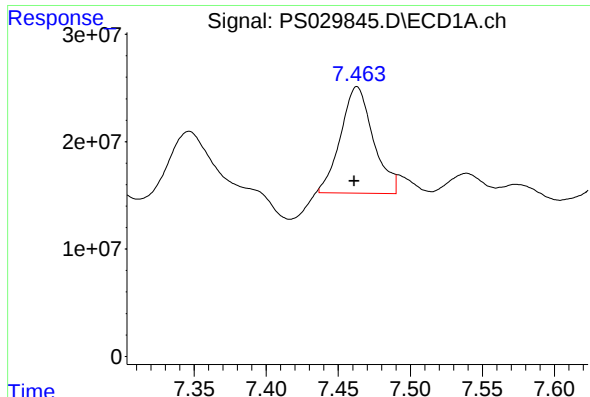
#6 MCPP

R.T.: 7.346 min
Delta R.T.: 0.028 min
Response: 198518930
Conc: 36.63 ug/ml



#6 MCPP

R.T.: 7.746 min
Delta R.T.: -0.021 min
Response: 56993560
Conc: 33.75 ug/ml



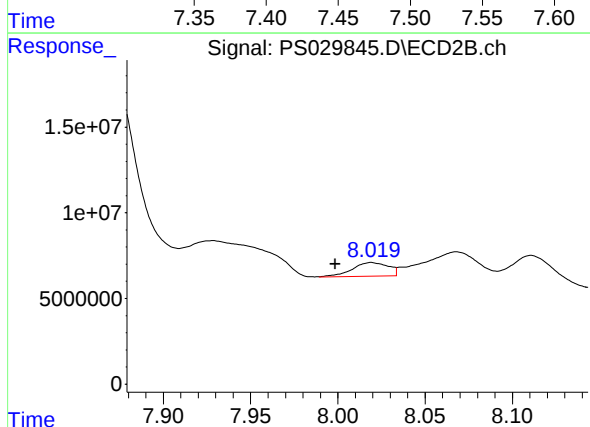
#7 MCPA

R.T.: 7.463 min
Delta R.T.: 0.001 min
Response: 157434858
Conc: 21.66 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MSD

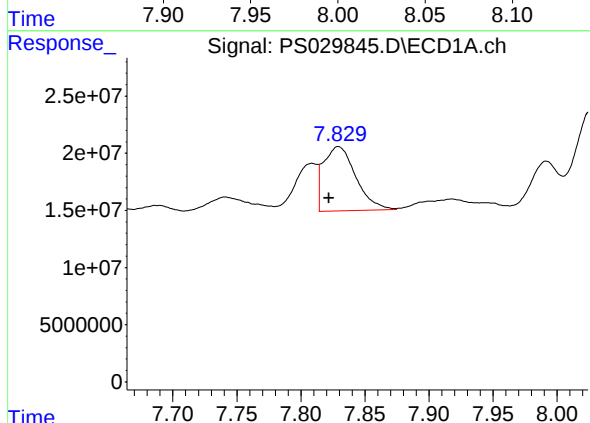
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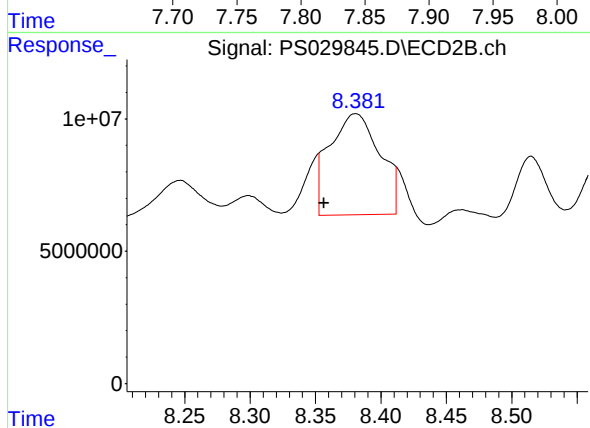
#7 MCPA

R.T.: 8.019 min
Delta R.T.: 0.020 min
Response: 11783302
Conc: 5.18 ug/ml



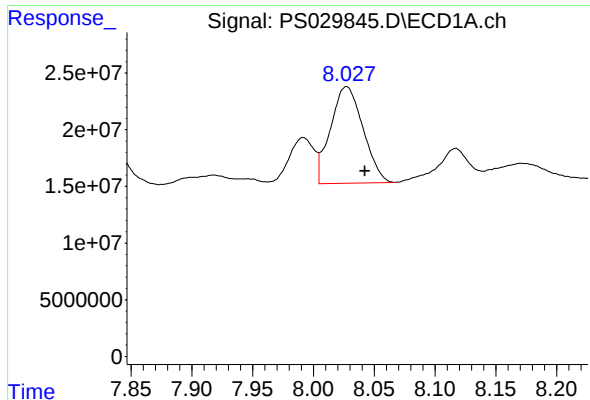
#8 DICHLORPROP

R.T.: 7.829 min
Delta R.T.: 0.007 min
Response: 97427414
Conc: 44.30 ng/ml



#8 DICHLORPROP

R.T.: 8.381 min
Delta R.T.: 0.024 min
Response: 100904891
Conc: 104.44 ng/ml



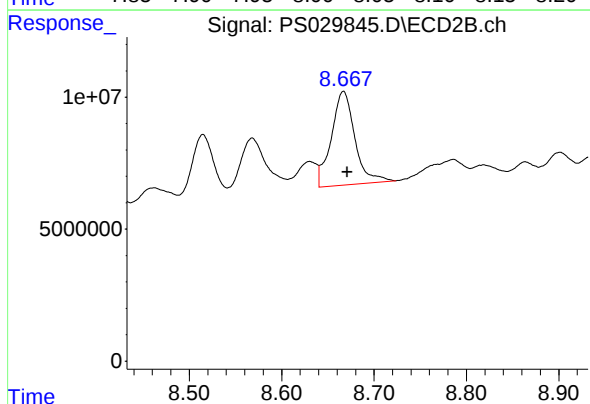
#9 2,4-D

R.T.: 8.027 min
Delta R.T.: -0.015 min
Response: 158504958
Conc: 65.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MSD

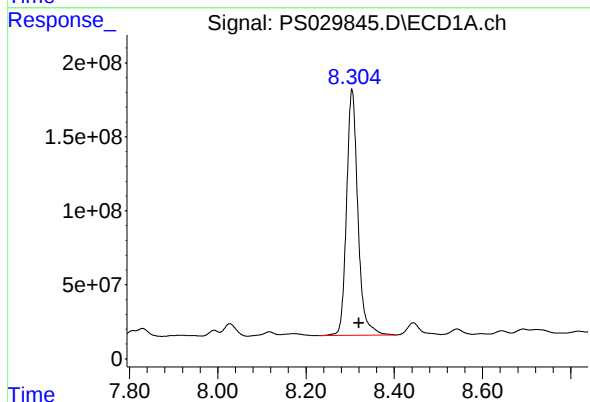
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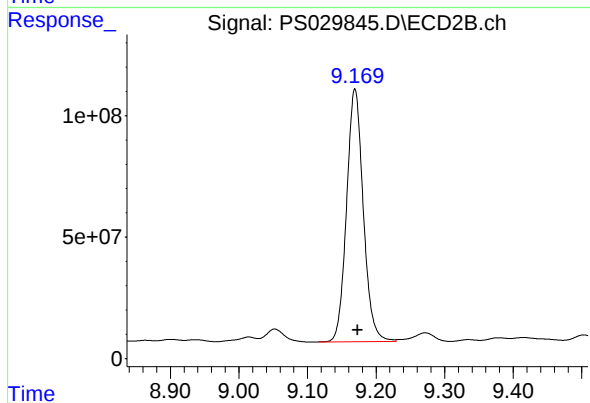
#9 2,4-D

R.T.: 8.667 min
Delta R.T.: -0.004 min
Response: 62963508
Conc: 58.38 ng/ml



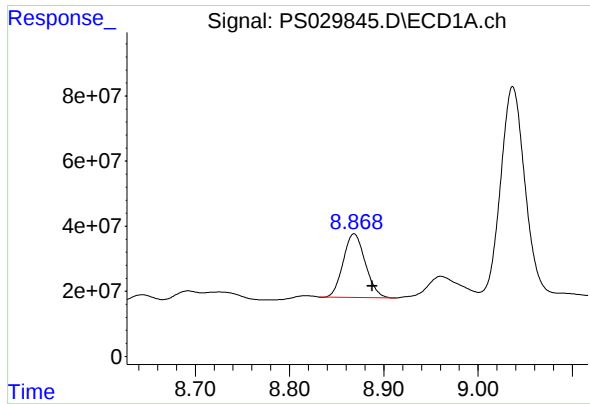
#10 Pentachlorophenol

R.T.: 8.304 min
Delta R.T.: -0.016 min
Response: 2960813372
Conc: 97.38 ng/ml



#10 Pentachlorophenol

R.T.: 9.169 min
Delta R.T.: -0.004 min
Response: 1762551514
Conc: 98.31 ng/ml m



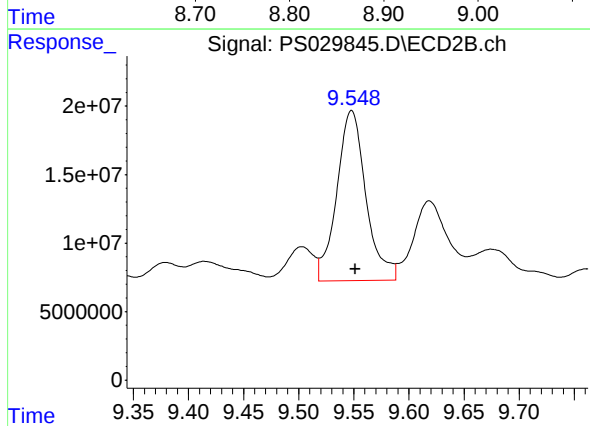
#11 2,4,5-TP (SILVEX)

R.T.: 8.868 min
Delta R.T.: -0.019 min
Response: 318423108
Conc: 27.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MSD

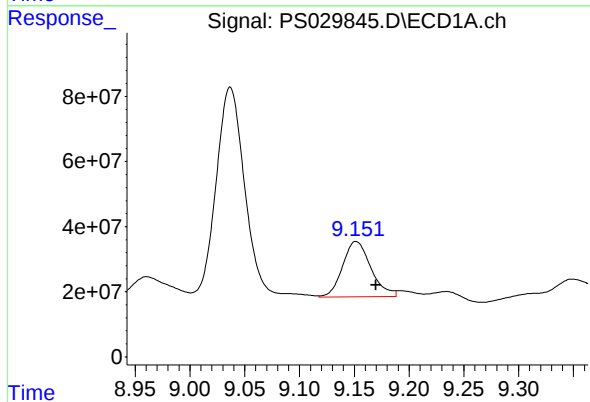
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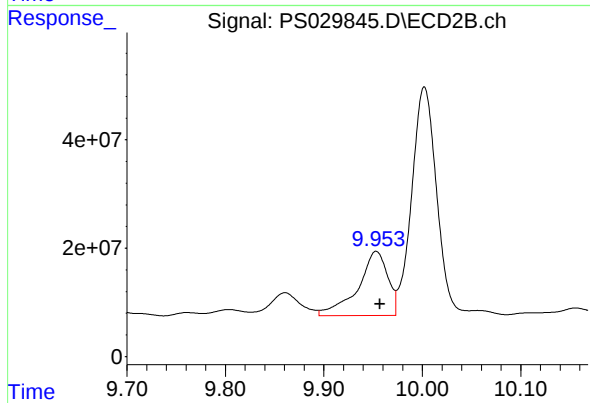
#11 2,4,5-TP (SILVEX)

R.T.: 9.548 min
Delta R.T.: -0.004 min
Response: 228612735
Conc: 31.69 ng/ml



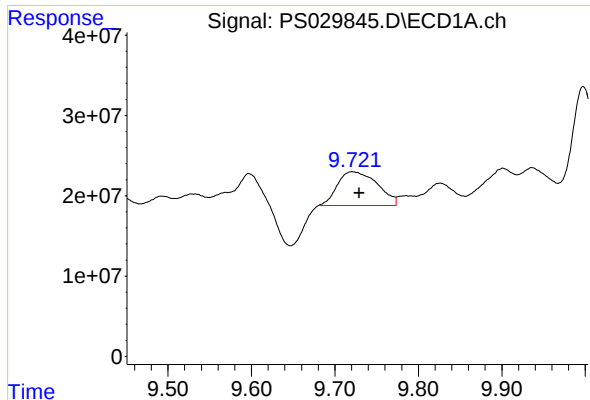
#12 2,4,5-T

R.T.: 9.151 min
Delta R.T.: -0.019 min
Response: 305774698
Conc: 26.58 ng/ml m



#12 2,4,5-T

R.T.: 9.953 min
Delta R.T.: -0.004 min
Response: 251051979
Conc: 37.45 ng/ml



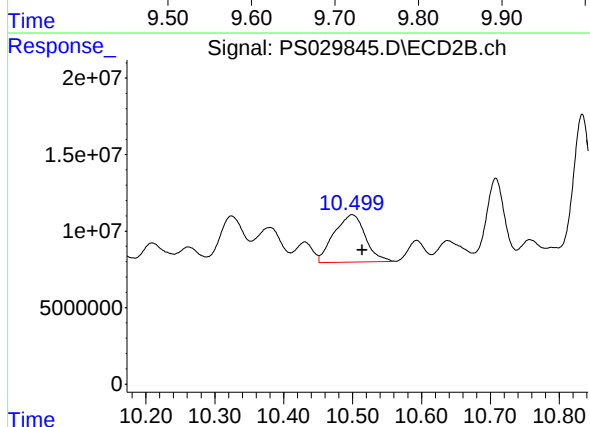
#13 2,4-DB

R.T.: 9.721 min
Delta R.T.: -0.009 min
Response: 139110807
Conc: 76.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MSD

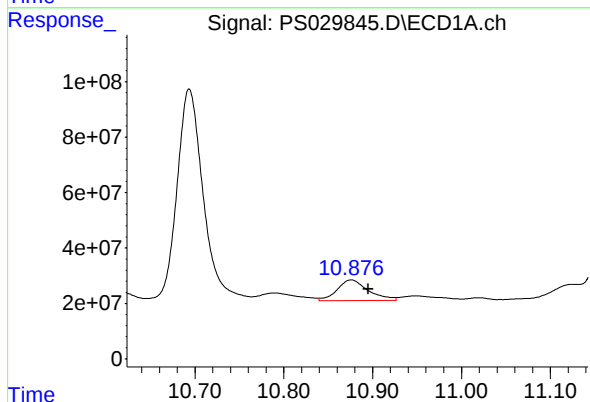
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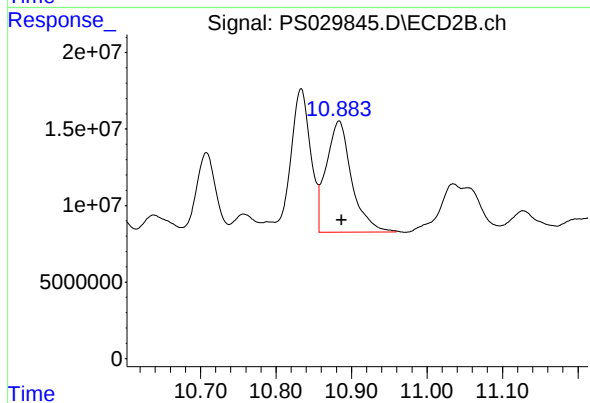
#13 2,4-DB

R.T.: 10.499 min
Delta R.T.: -0.015 min
Response: 97051776
Conc: 130.80 ng/ml



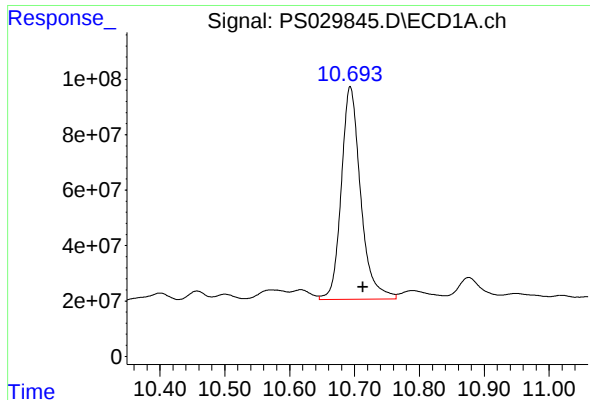
#14 DINOSEB

R.T.: 10.876 min
Delta R.T.: -0.019 min
Response: 181755927
Conc: 21.53 ng/ml



#14 DINOSEB

R.T.: 10.883 min
Delta R.T.: -0.003 min
Response: 168687629
Conc: 32.99 ng/ml m



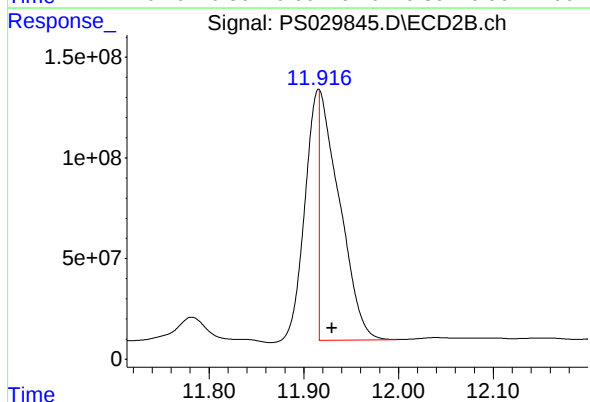
#15 Picloram

R.T.: 10.694 min
Delta R.T.: -0.020 min
Response: 1590119543
Conc: 102.59 ng/ml

Instrument :
ECD_S
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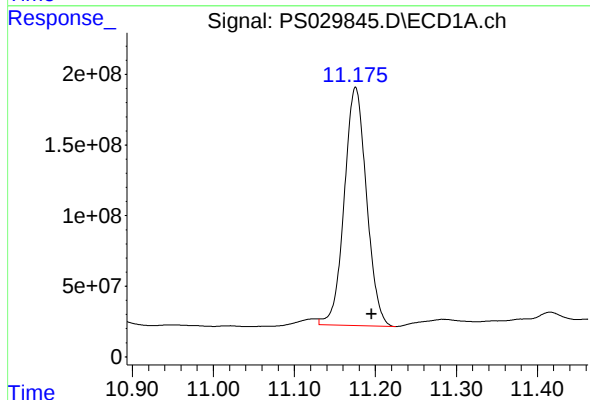
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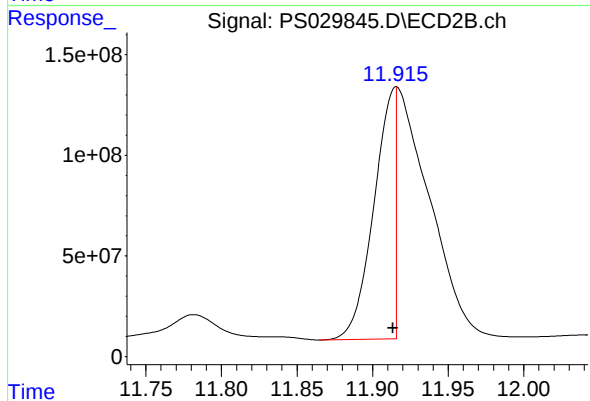
#15 Picloram

R.T.: 11.916 min
Delta R.T.: -0.013 min
Response: 1827512368
Conc: 154.55 ng/ml m



#16 DCPA

R.T.: 11.175 min
Delta R.T.: -0.020 min
Response: 3218930800
Conc: 230.48 ng/ml m



#16 DCPA

R.T.: 11.915 min
Delta R.T.: 0.002 min
Response: 1213920985
Conc: 137.16 ng/ml m