

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041825\
 Data File : PS029854.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Apr 2025 10:00
 Operator : AR\AJ
 Sample : Q1788-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/19/2025
 Supervised By :mohammad ahmed 04/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 02:59:31 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	180.8E6	54512388	88.687	79.987
Target Compounds							
1) T	Dalapon	2.449	2.526	809.5E6	322.7E6	238.629	203.271m
2) T	3,5-DICHL...	6.151	6.468	134.6E6	41366026	44.753	42.842m
3) T	4-Nitroph...	6.732	7.006	27503922	41406528	19.579m	58.401 #
5) T	DICAMBA	7.123	7.658	432.8E6	165.7E6	52.006	44.854
6) T	MCP	7.346f	7.747	155.1E6	56688340	28.622m	33.574
7) T	MCPA	7.461	8.018	145.6E6	11318986	20.036m	4.975m#
8) T	DICHLORPROP	7.828	8.362	83257687	31579052	37.854m	32.685m
9) T	2,4-D	8.026	8.667	156.0E6	63115356	64.737	58.523
10) T	Pentachlo...	8.303	9.169	2929.3E6	1737.8E6	96.342	96.931m
11) T	2,4,5-TP ...	8.867	9.548	315.9E6	222.1E6	27.196	30.785
12) T	2,4,5-T	9.151	9.954	405.3E6	243.2E6	35.226	36.280
13) T	2,4-DB	9.716	10.501	132.8E6	95485750	73.113m	128.691 #
14) T	DINOSEB	10.874	10.883	145.6E6	164.0E6	17.246m	32.068m#
15) T	Picloram	10.692	11.917	1640.5E6	1732.3E6	105.833	146.500m#
16) T	DCPA	11.174	11.913	3253.0E6	1112.6E6	232.922m	125.708m#

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

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Acq On : 18 Apr 2025 10:00
Operator : AR\AJ
Sample : Q1788-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

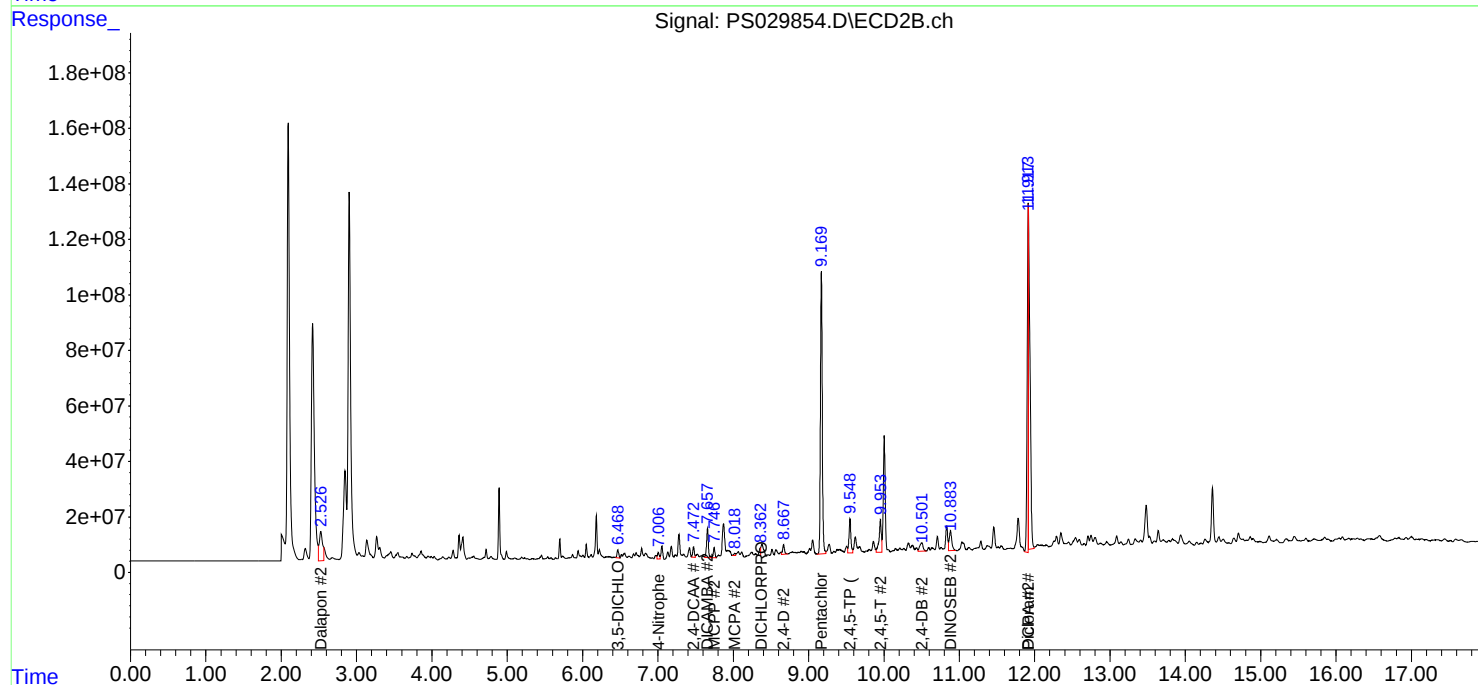
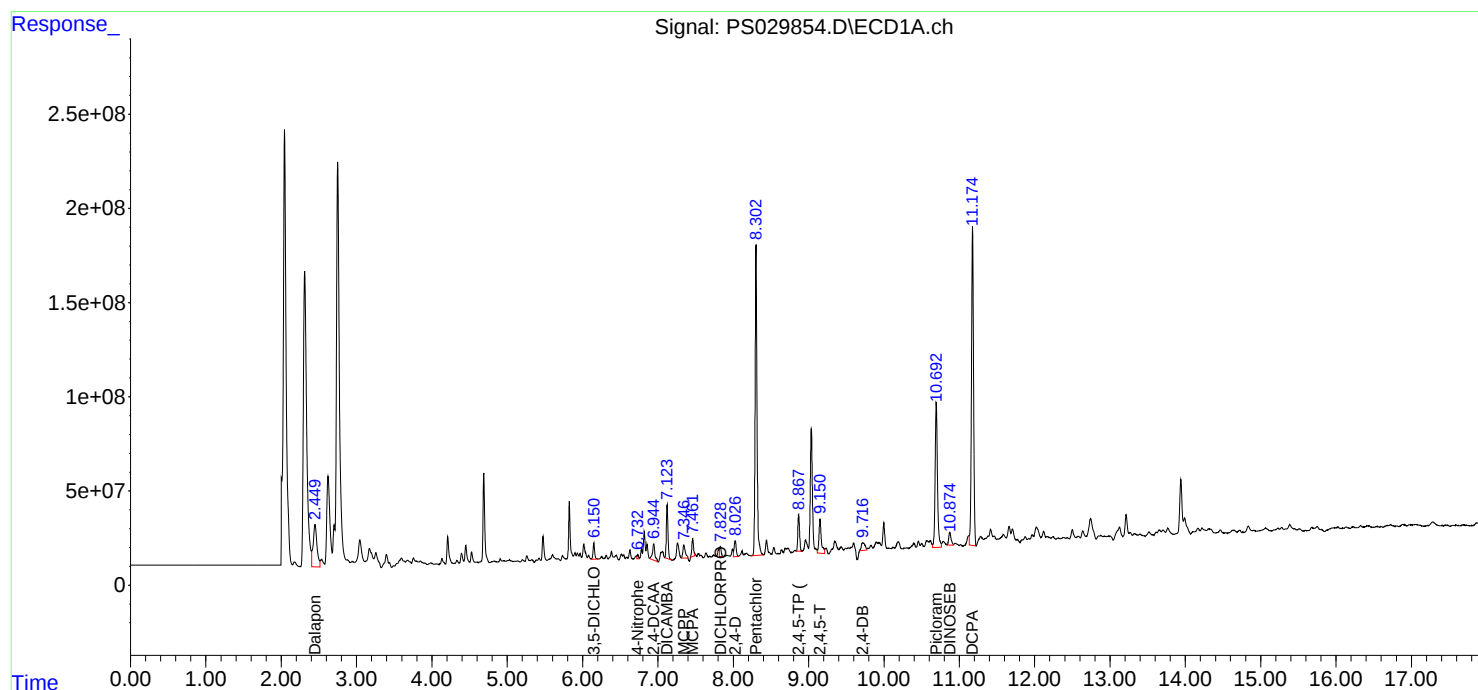
Instrument :
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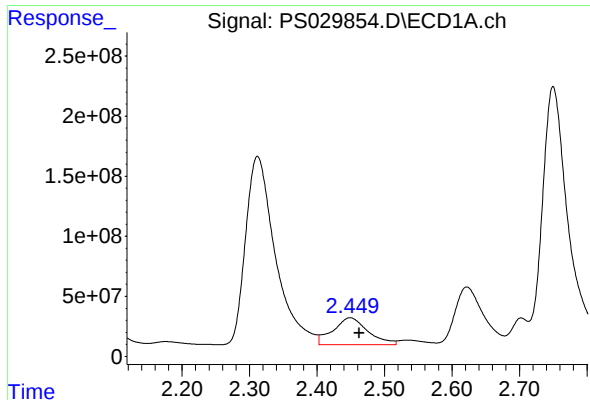
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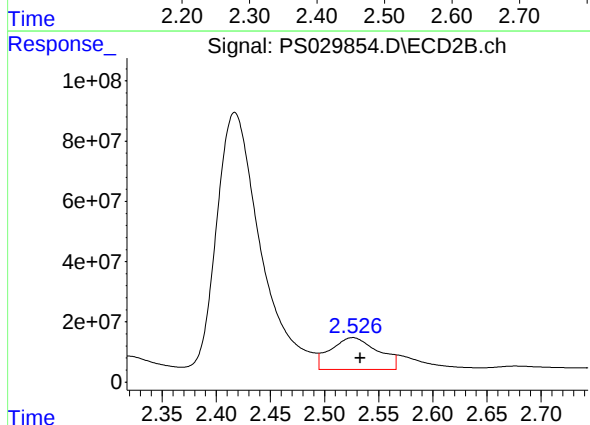
#1 Dalapon

R.T.: 2.449 min
Delta R.T.: -0.014 min
Response: 809525401
Conc: 238.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

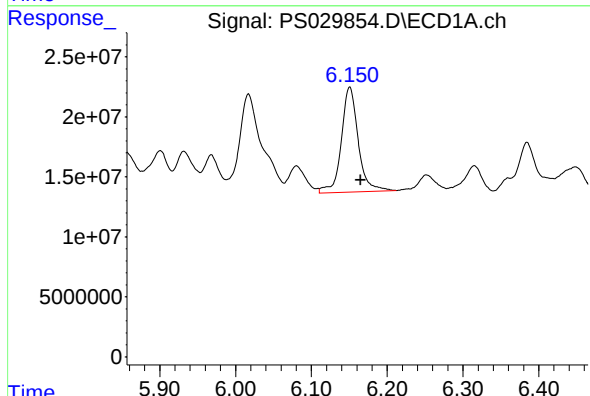
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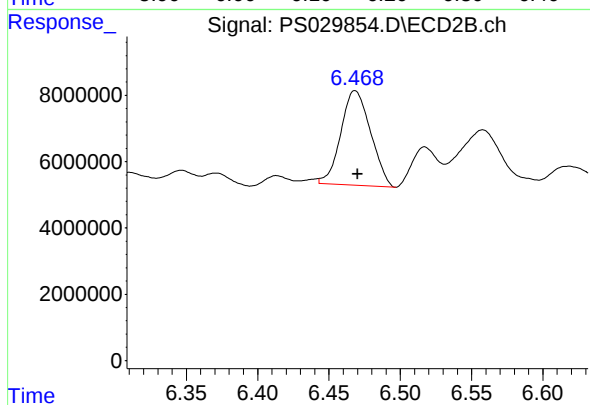
#1 Dalapon

R.T.: 2.526 min
Delta R.T.: -0.007 min
Response: 322712929
Conc: 203.27 ng/ml



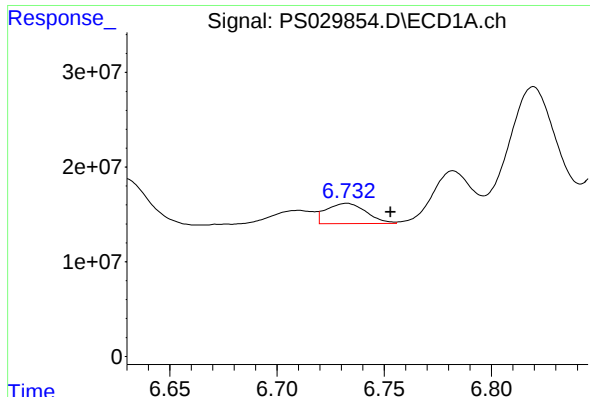
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.151 min
Delta R.T.: -0.014 min
Response: 134607110
Conc: 44.75 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 41366026
Conc: 42.84 ng/ml



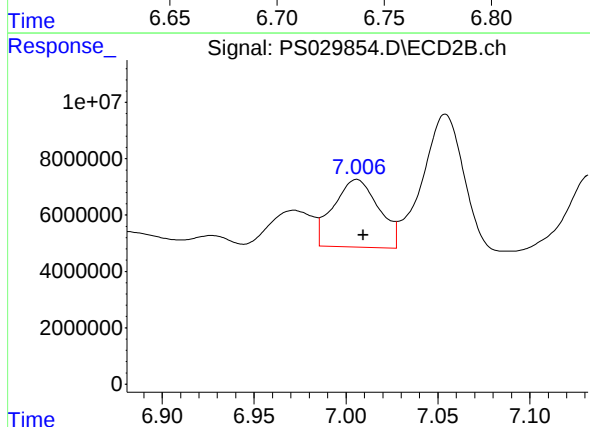
#3 4-Nitrophenol

R.T.: 6.732 min
Delta R.T.: -0.021 min
Response: 27503922
Conc: 19.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

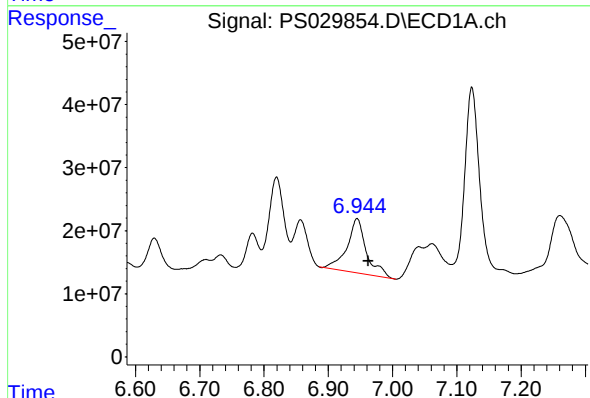
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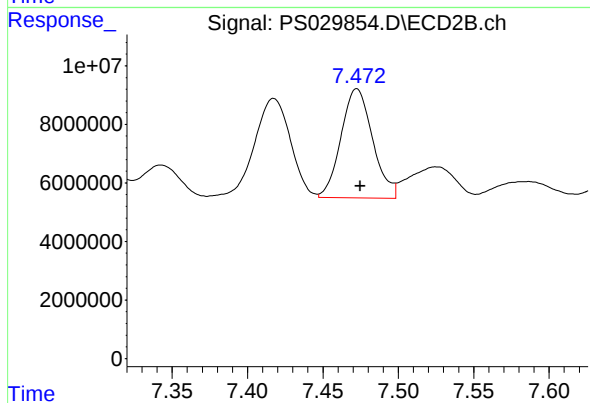
#3 4-Nitrophenol

R.T.: 7.006 min
Delta R.T.: -0.004 min
Response: 41406528
Conc: 58.40 ng/ml



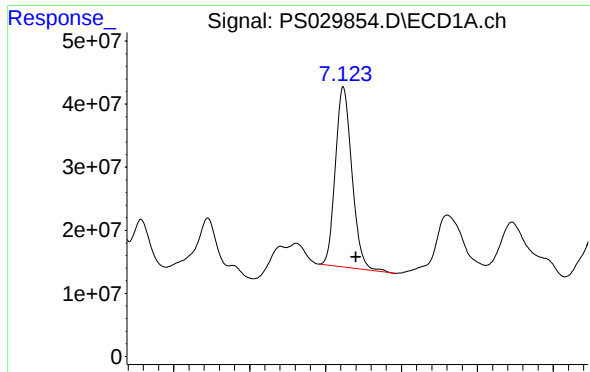
#4 2,4-DCAA

R.T.: 6.945 min
Delta R.T.: -0.018 min
Response: 180818514
Conc: 88.69 ng/ml



#4 2,4-DCAA

R.T.: 7.472 min
Delta R.T.: -0.002 min
Response: 54512388
Conc: 79.99 ng/ml



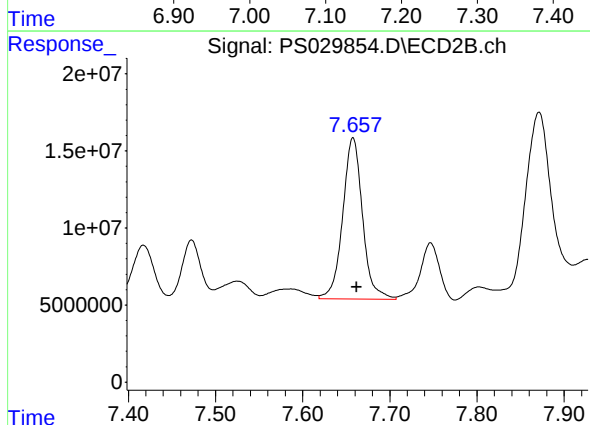
#5 DICAMBA

R.T.: 7.123 min
Delta R.T.: -0.016 min
Response: 432788059
Conc: 52.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

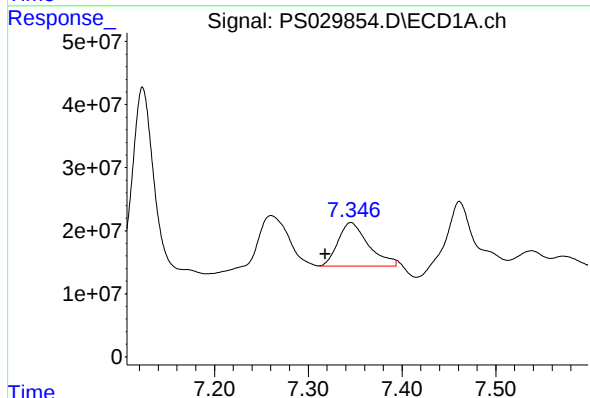
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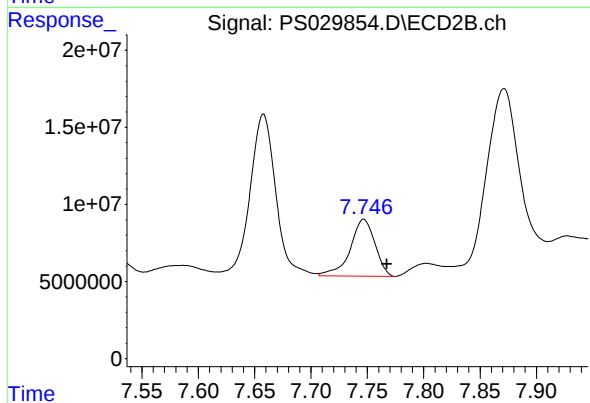
#5 DICAMBA

R.T.: 7.658 min
Delta R.T.: -0.004 min
Response: 165660930
Conc: 44.85 ng/ml



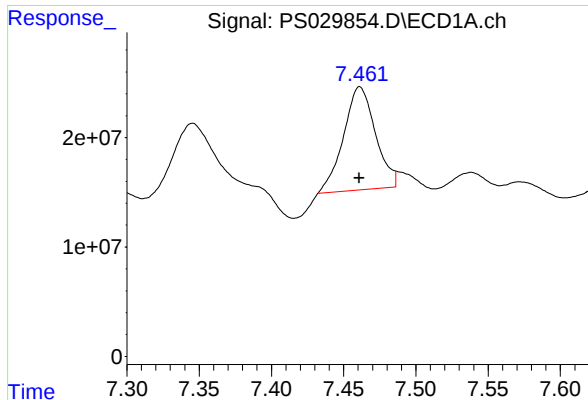
#6 MCPP

R.T.: 7.346 min
Delta R.T.: 0.028 min
Response: 155128275
Conc: 28.62 ug/ml m



#6 MCPP

R.T.: 7.747 min
Delta R.T.: -0.021 min
Response: 56688340
Conc: 33.57 ug/ml



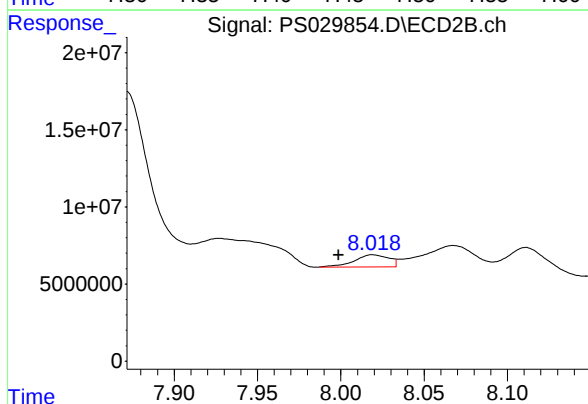
#7 MCPA

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 145643414
Conc: 20.04 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

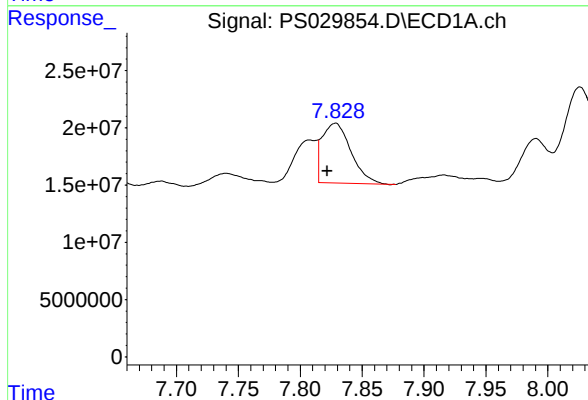
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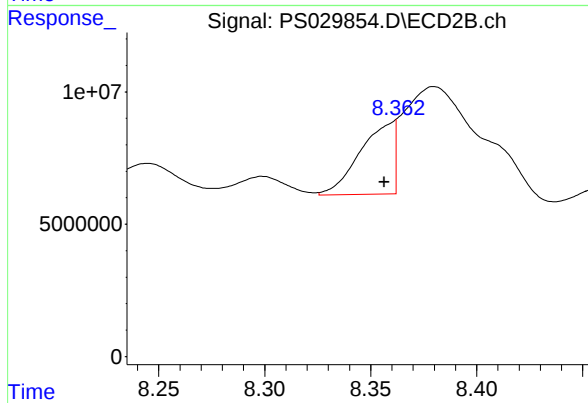
#7 MCPA

R.T.: 8.018 min
Delta R.T.: 0.020 min
Response: 11318986
Conc: 4.97 ug/ml



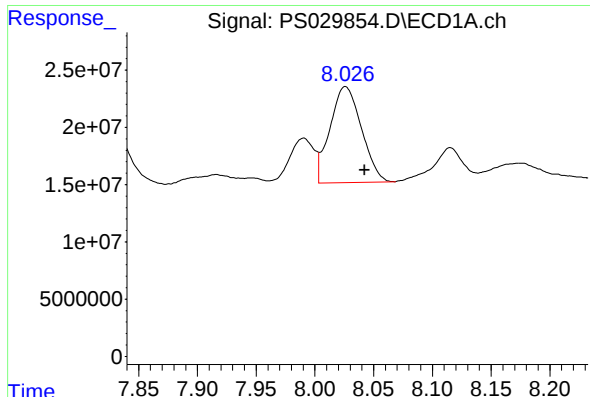
#8 DICHLORPROP

R.T.: 7.828 min
Delta R.T.: 0.007 min
Response: 83257687
Conc: 37.85 ng/ml



#8 DICHLORPROP

R.T.: 8.362 min
Delta R.T.: 0.005 min
Response: 31579052
Conc: 32.69 ng/ml



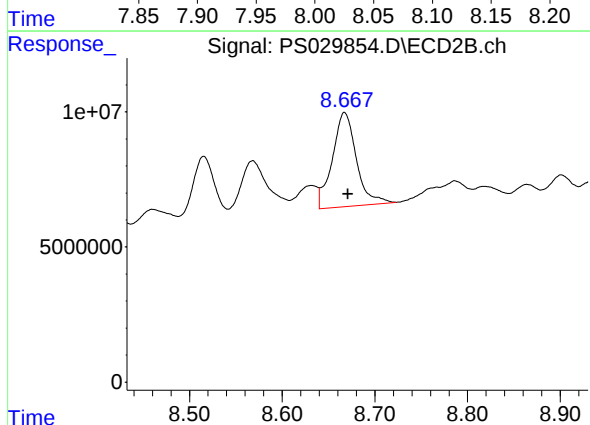
#9 2,4-D

R.T.: 8.026 min
Delta R.T.: -0.016 min
Response: 155989465
Conc: 64.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

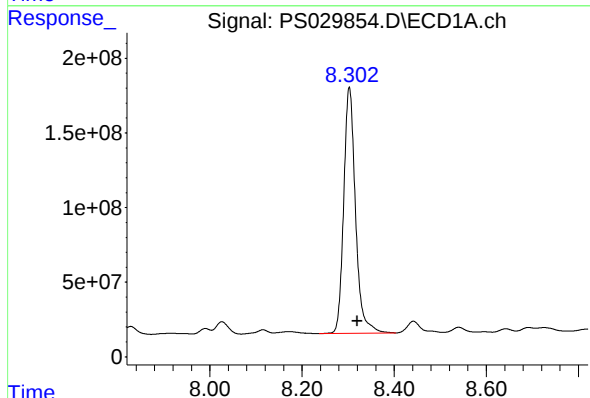
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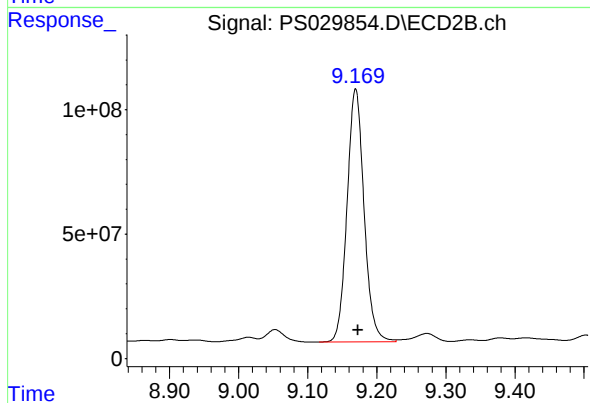
#9 2,4-D

R.T.: 8.667 min
Delta R.T.: -0.004 min
Response: 63115356
Conc: 58.52 ng/ml



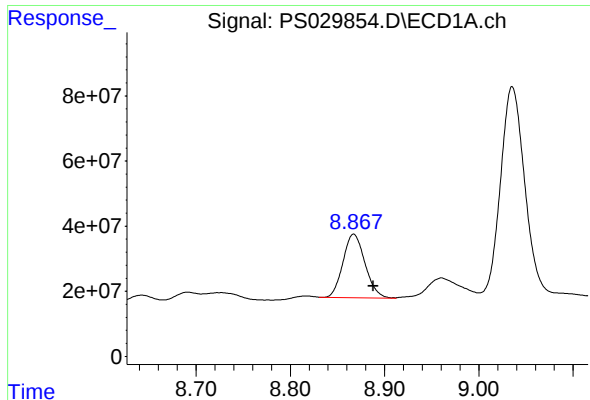
#10 Pentachlorophenol

R.T.: 8.303 min
Delta R.T.: -0.018 min
Response: 2929288507
Conc: 96.34 ng/ml



#10 Pentachlorophenol

R.T.: 9.169 min
Delta R.T.: -0.004 min
Response: 1737753006
Conc: 96.93 ng/ml m



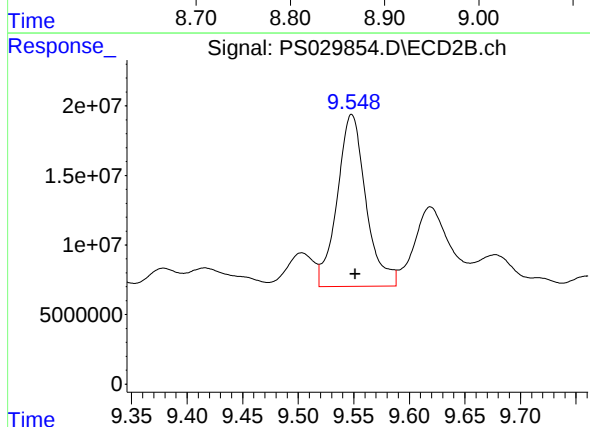
#11 2,4,5-TP (SILVEX)

R.T.: 8.867 min
Delta R.T.: -0.020 min
Response: 315888761
Conc: 27.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

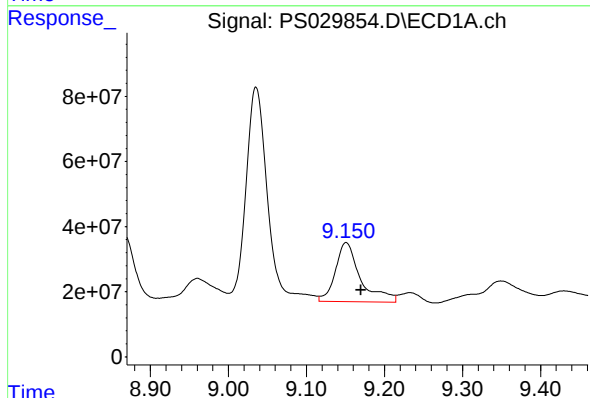
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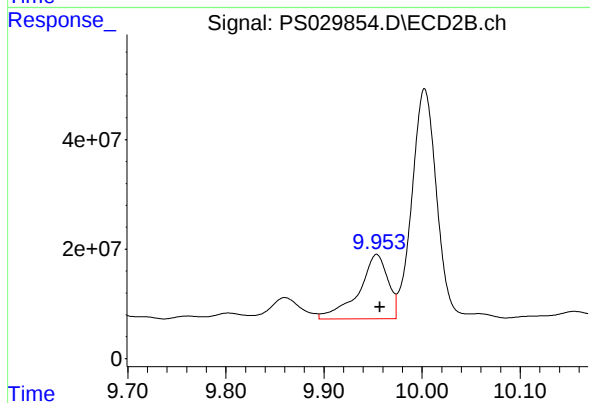
#11 2,4,5-TP (SILVEX)

R.T.: 9.548 min
Delta R.T.: -0.003 min
Response: 222053519
Conc: 30.79 ng/ml



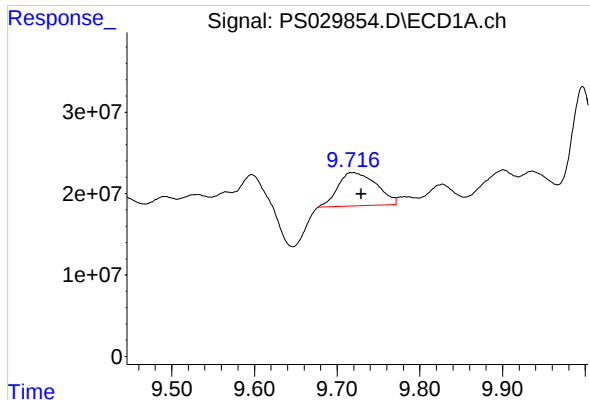
#12 2,4,5-T

R.T.: 9.151 min
Delta R.T.: -0.019 min
Response: 405250928
Conc: 35.23 ng/ml



#12 2,4,5-T

R.T.: 9.954 min
Delta R.T.: -0.003 min
Response: 243177547
Conc: 36.28 ng/ml



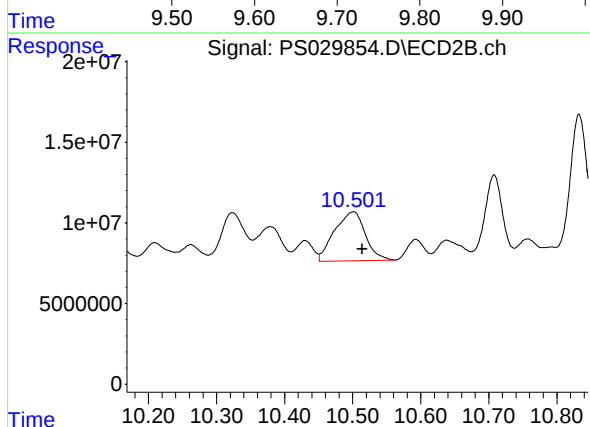
#13 2,4-DB

R.T.: 9.716 min
Delta R.T.: -0.013 min
Response: 132826963
Conc: 73.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

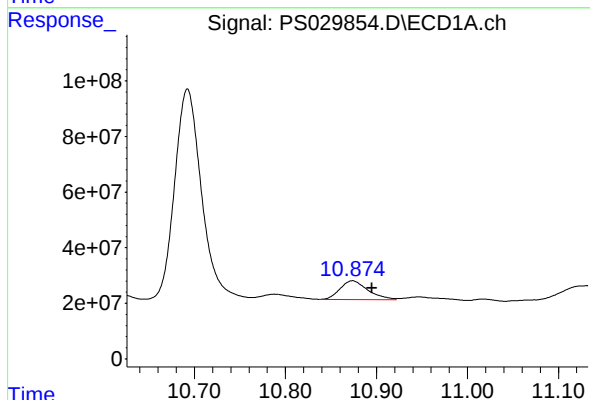
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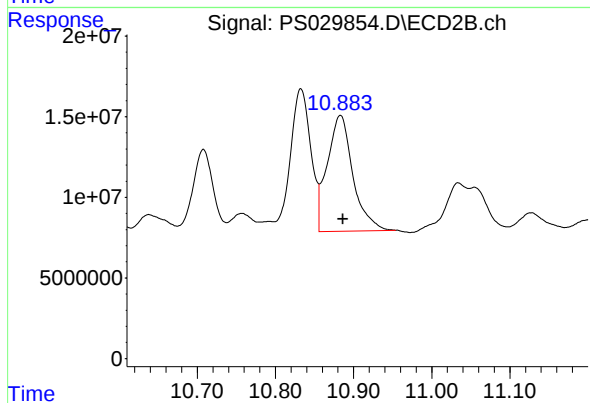
#13 2,4-DB

R.T.: 10.501 min
Delta R.T.: -0.013 min
Response: 95485750
Conc: 128.69 ng/ml



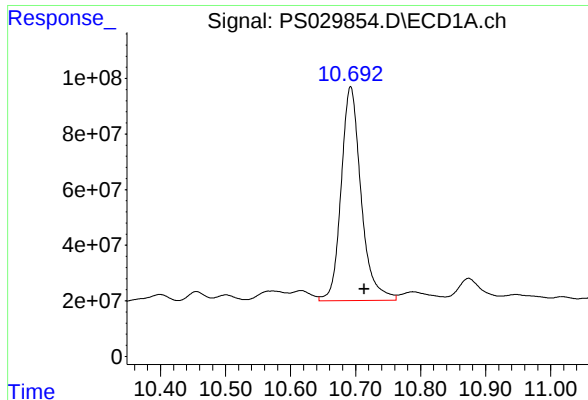
#14 DINOSEB

R.T.: 10.874 min
Delta R.T.: -0.021 min
Response: 145594634
Conc: 17.25 ng/ml m



#14 DINOSEB

R.T.: 10.883 min
Delta R.T.: -0.004 min
Response: 163958150
Conc: 32.07 ng/ml m



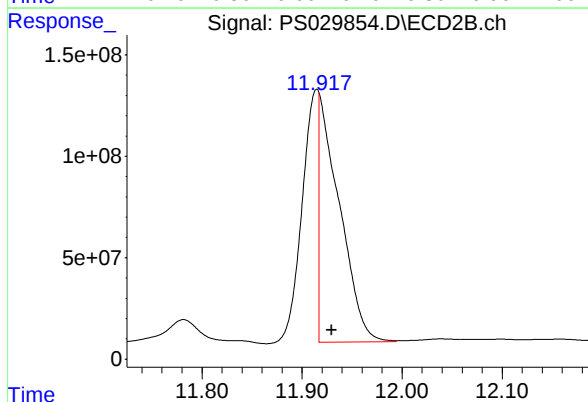
#15 Picloram

R.T.: 10.692 min
Delta R.T.: -0.021 min
Response: 1640457180
Conc: 105.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

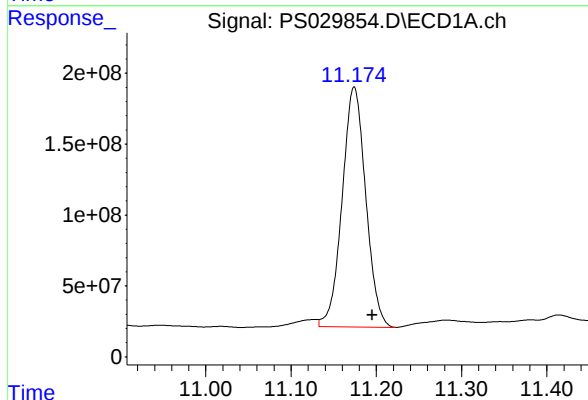
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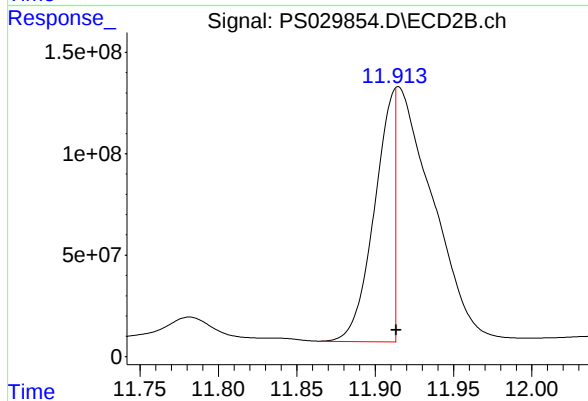
#15 Picloram

R.T.: 11.917 min
Delta R.T.: -0.013 min
Response: 1732284187
Conc: 146.50 ng/ml



#16 DCPA

R.T.: 11.174 min
Delta R.T.: -0.022 min
Response: 3253010564
Conc: 232.92 ng/ml



#16 DCPA

R.T.: 11.913 min
Delta R.T.: 0.000 min
Response: 1112594917
Conc: 125.71 ng/ml