

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041825\
 Data File : PS029855.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Apr 2025 10:24
 Operator : AR\AJ
 Sample : Q1788-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-1MSD

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 00:31:06 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	6.944	7.471	140.8E6	56112280	69.049m	82.335
Target Compounds							
1) T	Dalapon	2.449	2.525	795.3E6	324.3E6	234.443	204.286m
2) T	3,5-DICHL...	6.150	6.468	133.0E6	41815980	44.218	43.308m
3) T	4-Nitroph...	6.732	7.005	27829508	42404292	19.810	59.809 #
5) T	DICAMBA	7.122	7.657	439.4E6	163.5E6	52.802m	44.272
6) T	MCPD	7.343	7.746	126.6E6	54915072	23.354m	32.523 #
7) T	MCPA	7.461	8.019	148.1E6	31556882	20.368m	13.870 #
8) T	DICHLORPROP	7.827	8.361	85599604	30778040	38.919m	31.856m
9) T	2,4-D	8.025	8.666	157.1E6	63069399	65.210	58.481
10) T	Pentachlo...	8.302	9.168	2952.1E6	1745.3E6	97.094	97.353m
11) T	2,4,5-TP ...	8.867	9.547	315.1E6	226.0E6	27.128	31.327
12) T	2,4,5-T	9.149	9.952	297.6E6	249.8E6	25.870m	37.262 #
13) T	2,4-DB	9.720	10.499	130.9E6	96725217	72.046m	130.362 #
14) T	DINOSEB	10.873	10.881	184.8E6	148.7E6	21.891	29.084m#
15) T	Picloram	10.691	11.913	1606.4E6	1982.8E6	103.635	167.688m#
16) T	DCPA	11.173	11.911	3261.7E6	1062.6E6	233.545m	120.063m#

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

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Data File : PS029855.D
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Acq On : 18 Apr 2025 10:24
Operator : AR\AJ
Sample : Q1788-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

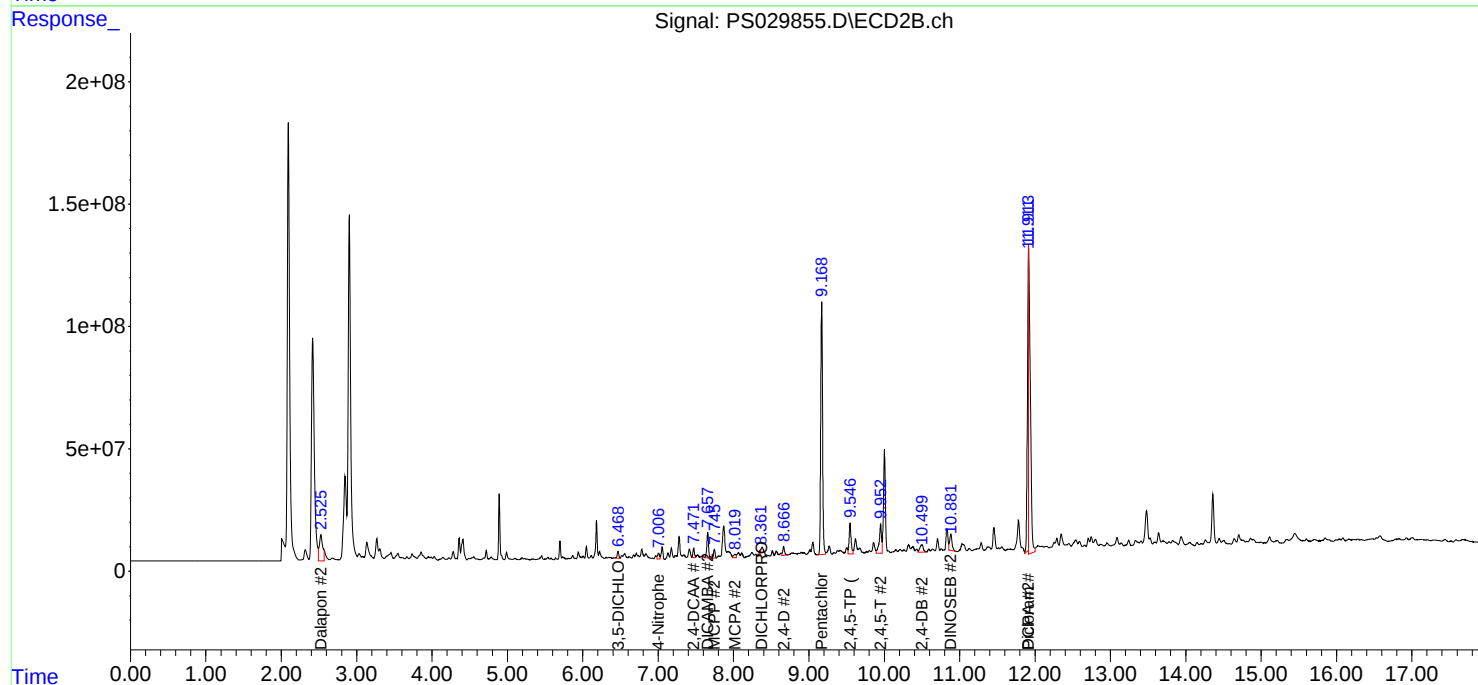
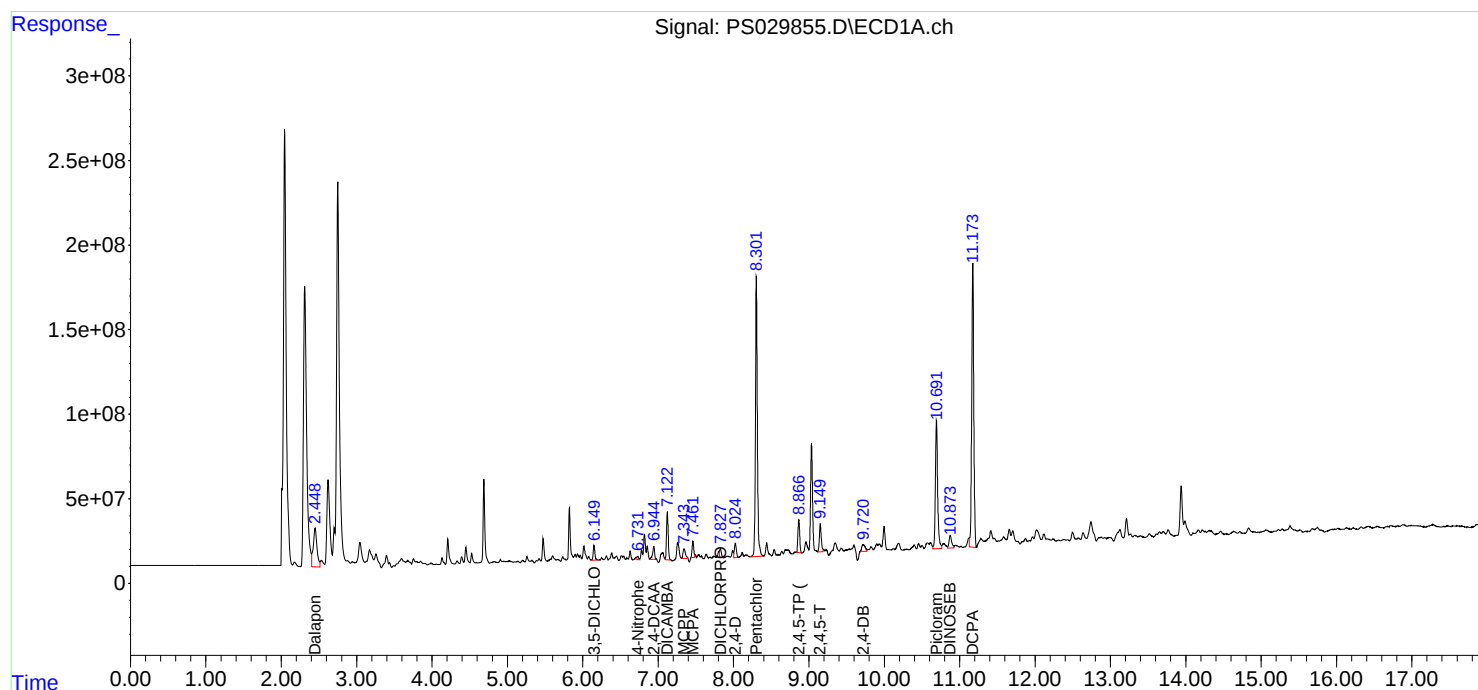
Instrument :
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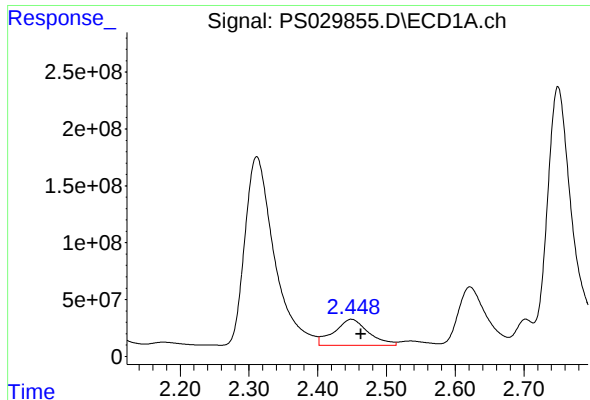
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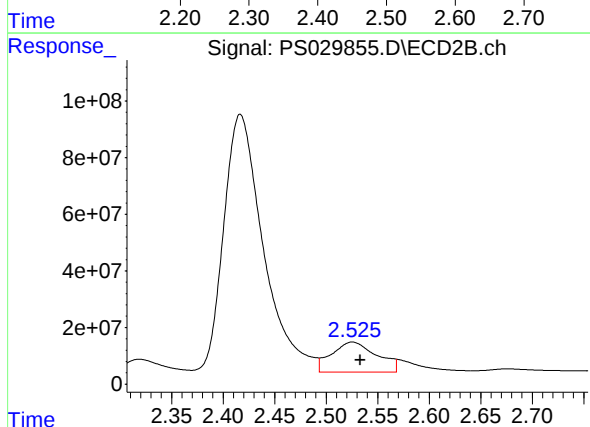
#1 Dalapon

R.T.: 2.449 min
Delta R.T.: -0.014 min
Response: 795322124
Conc: 234.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MSD

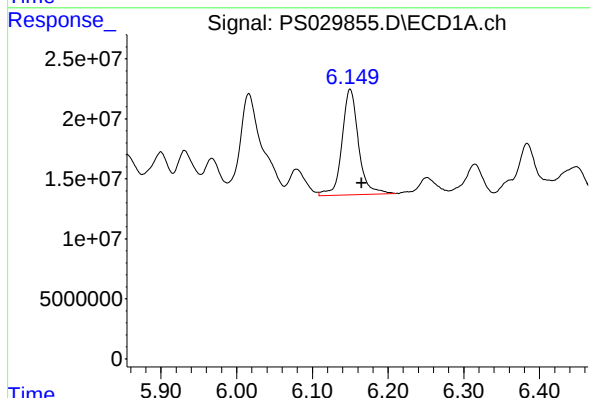
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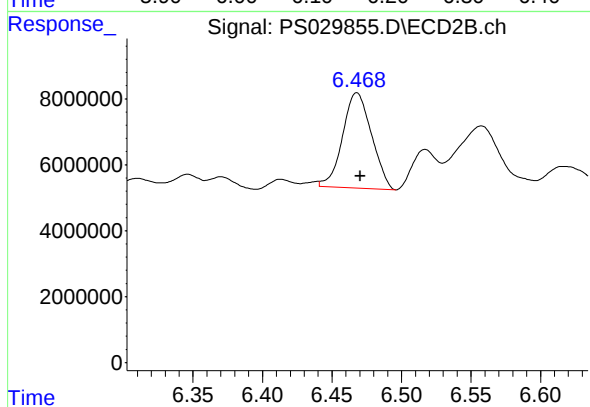
#1 Dalapon

R.T.: 2.525 min
Delta R.T.: -0.008 min
Response: 324323826
Conc: 204.29 ng/ml



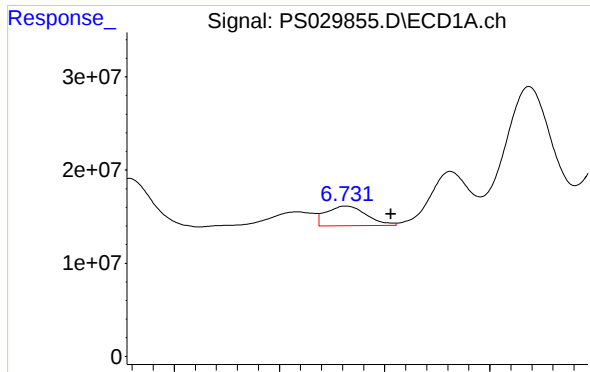
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.150 min
Delta R.T.: -0.015 min
Response: 132998444
Conc: 44.22 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 41815980
Conc: 43.31 ng/ml



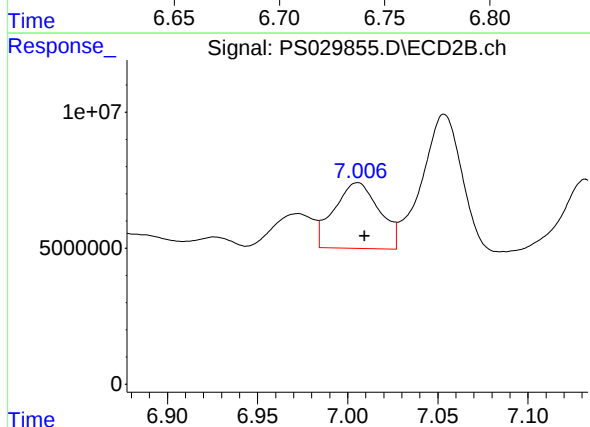
#3 4-Nitrophenol

R.T.: 6.732 min
Delta R.T.: -0.021 min
Response: 27829508
Conc: 19.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MSD

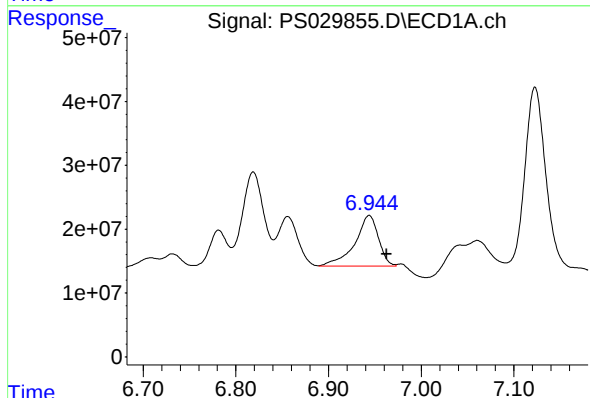
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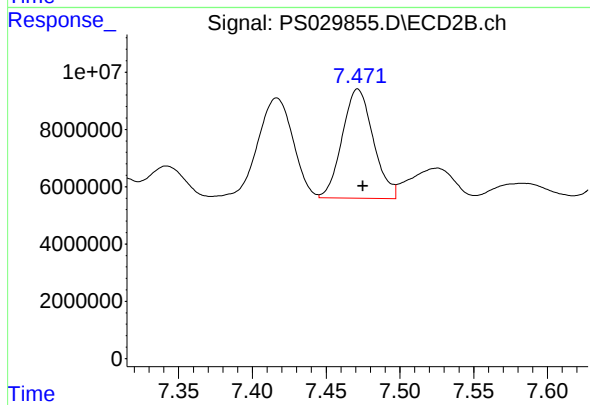
#3 4-Nitrophenol

R.T.: 7.005 min
Delta R.T.: -0.004 min
Response: 42404292
Conc: 59.81 ng/ml



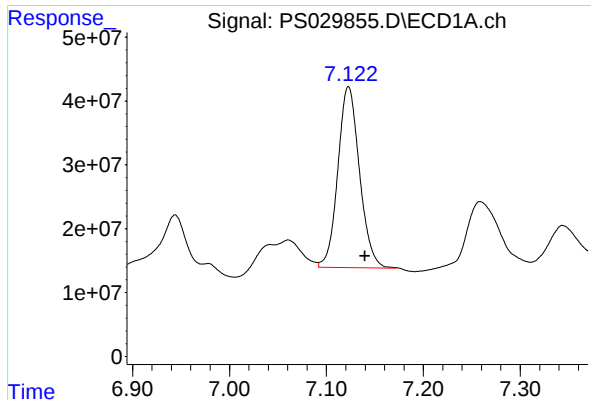
#4 2,4-DCAA

R.T.: 6.944 min
Delta R.T.: -0.019 min
Response: 140779972
Conc: 69.05 ng/ml m



#4 2,4-DCAA

R.T.: 7.471 min
Delta R.T.: -0.003 min
Response: 56112280
Conc: 82.33 ng/ml



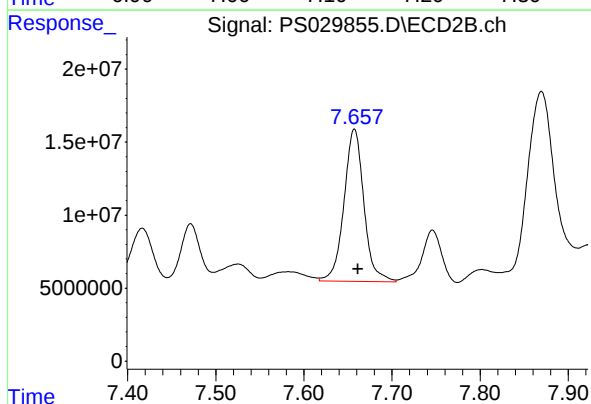
#5 DICAMBA

R.T.: 7.122 min
Delta R.T.: -0.017 min
Response: 439415301
Conc: 52.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MSD

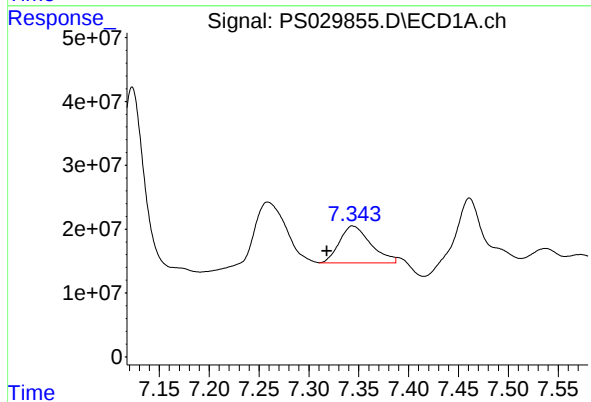
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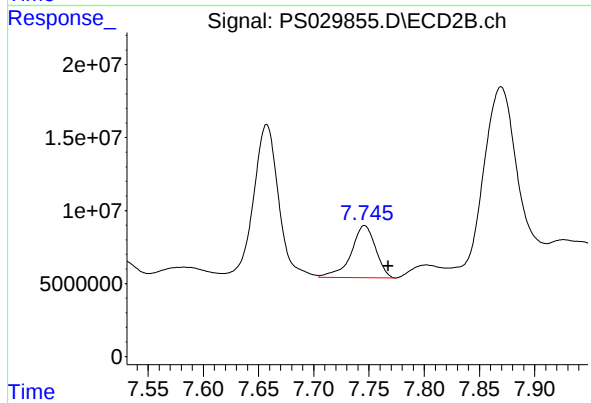
#5 DICAMBA

R.T.: 7.657 min
Delta R.T.: -0.004 min
Response: 163511521
Conc: 44.27 ng/ml



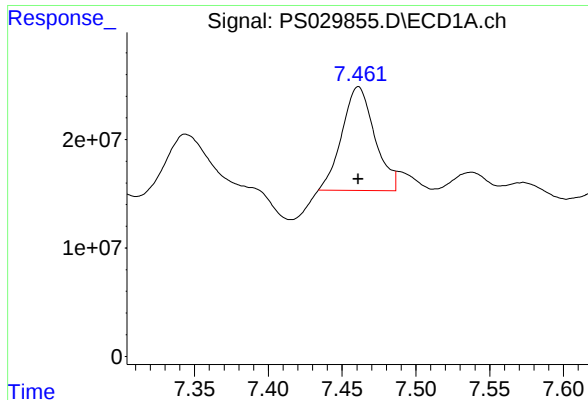
#6 MCPP

R.T.: 7.343 min
Delta R.T.: 0.025 min
Response: 126577353
Conc: 23.35 ug/ml m



#6 MCPP

R.T.: 7.746 min
Delta R.T.: -0.022 min
Response: 54915072
Conc: 32.52 ug/ml



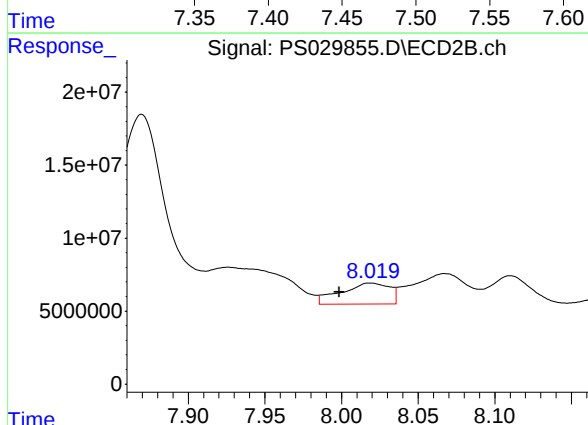
#7 MCPA

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 148055142
Conc: 20.37 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MSD

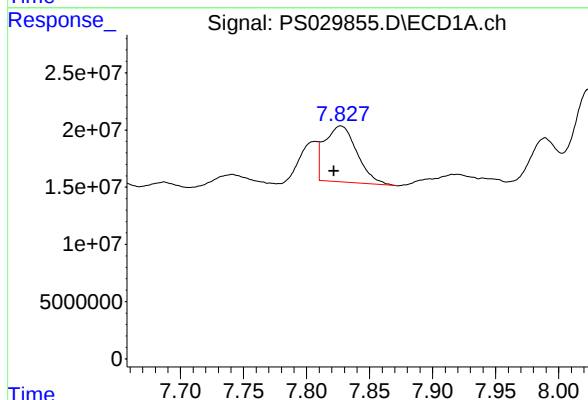
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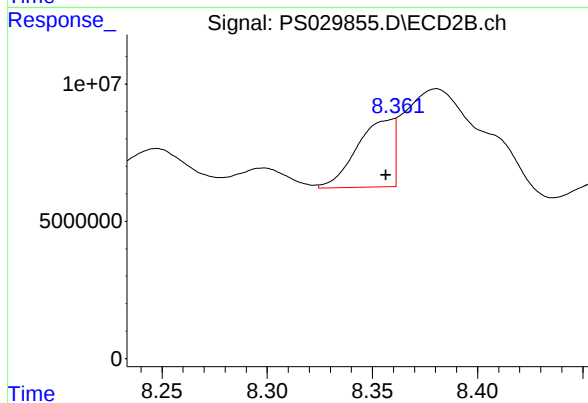
#7 MCPA

R.T.: 8.019 min
Delta R.T.: 0.021 min
Response: 31556882
Conc: 13.87 ug/ml



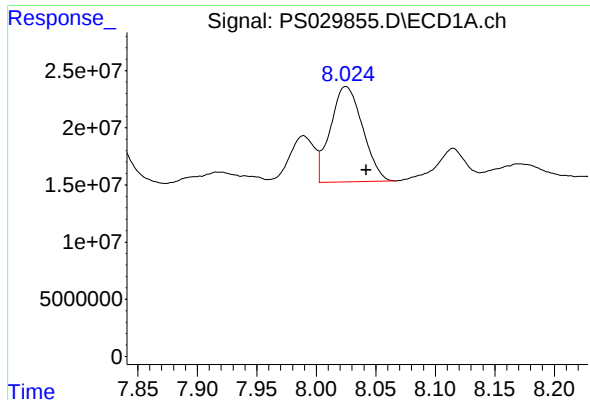
#8 DICHLORPROP

R.T.: 7.827 min
Delta R.T.: 0.005 min
Response: 85599604
Conc: 38.92 ng/ml m



#8 DICHLORPROP

R.T.: 8.361 min
Delta R.T.: 0.004 min
Response: 30778040
Conc: 31.86 ng/ml m



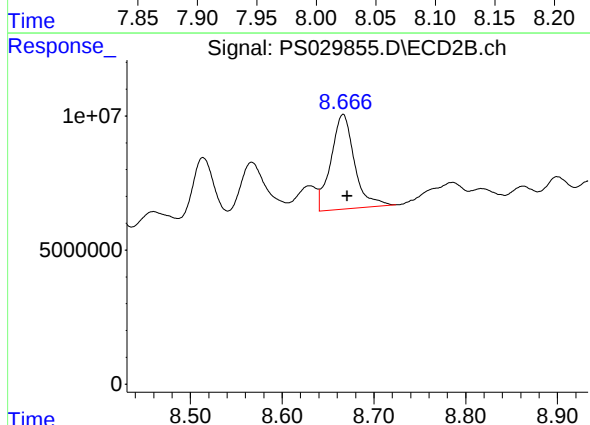
#9 2,4-D

R.T.: 8.025 min
Delta R.T.: -0.017 min
Response: 157130223
Conc: 65.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MSD

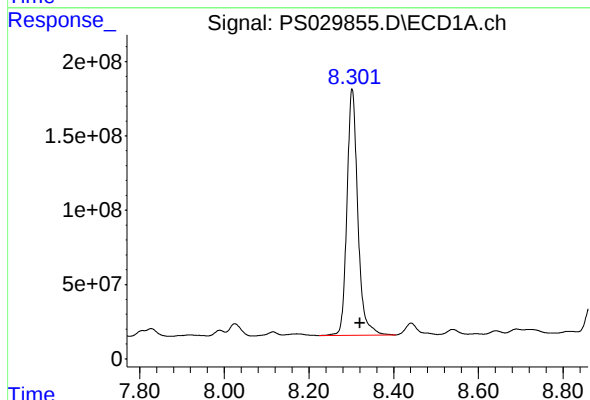
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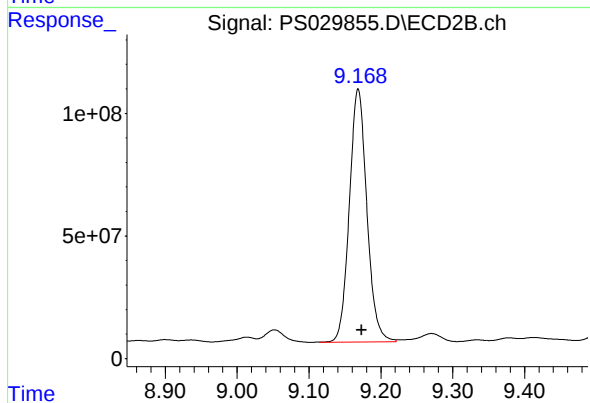
#9 2,4-D

R.T.: 8.666 min
Delta R.T.: -0.005 min
Response: 63069399
Conc: 58.48 ng/ml



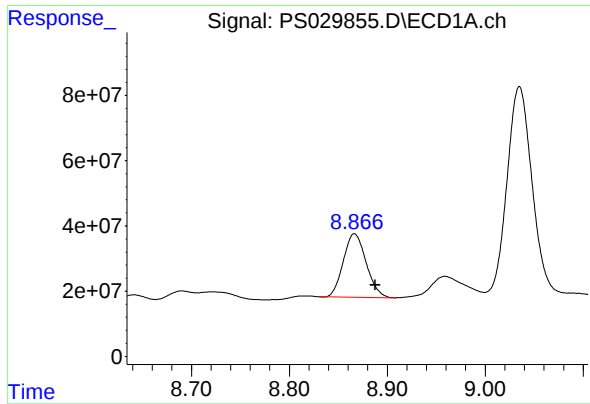
#10 Pentachlorophenol

R.T.: 8.302 min
Delta R.T.: -0.019 min
Response: 2952131869
Conc: 97.09 ng/ml



#10 Pentachlorophenol

R.T.: 9.168 min
Delta R.T.: -0.005 min
Response: 1745312388
Conc: 97.35 ng/ml m



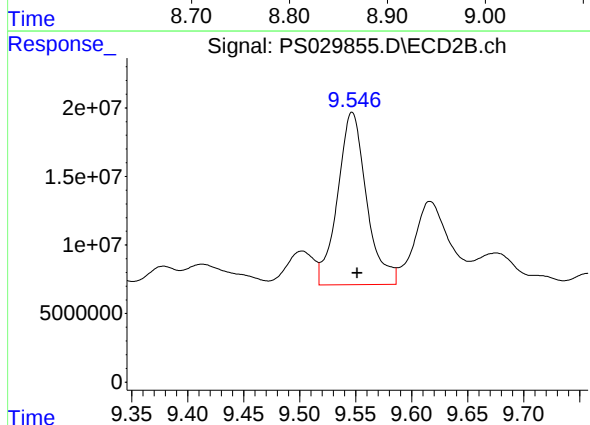
#11 2,4,5-TP (SILVEX)

R.T.: 8.867 min
Delta R.T.: -0.021 min
Response: 315097606
Conc: 27.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MSD

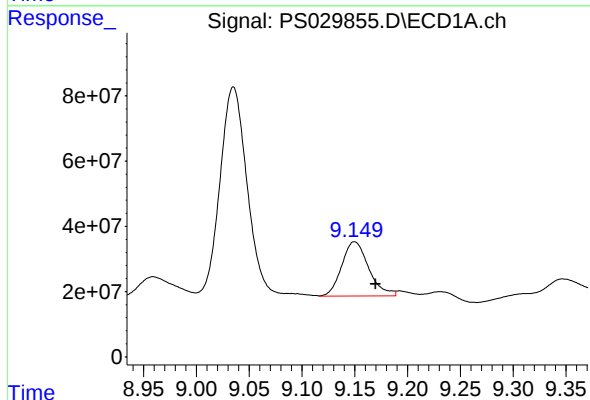
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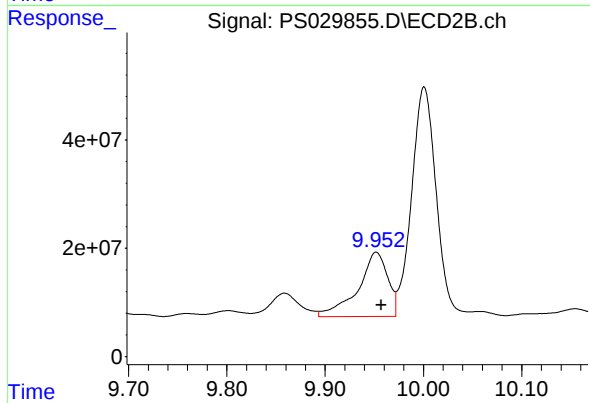
#11 2,4,5-TP (SILVEX)

R.T.: 9.547 min
Delta R.T.: -0.005 min
Response: 225962567
Conc: 31.33 ng/ml



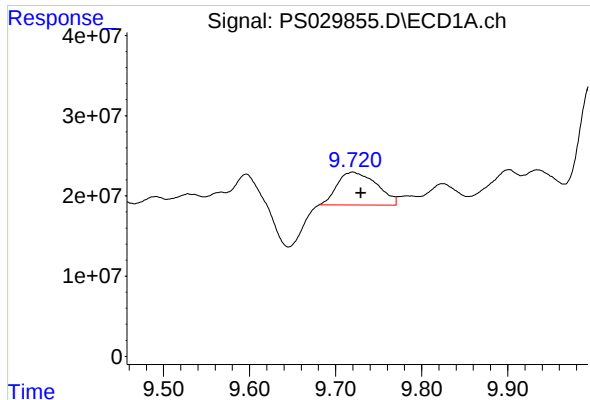
#12 2,4,5-T

R.T.: 9.149 min
Delta R.T.: -0.021 min
Response: 297615295
Conc: 25.87 ng/ml m



#12 2,4,5-T

R.T.: 9.952 min
Delta R.T.: -0.005 min
Response: 249760178
Conc: 37.26 ng/ml



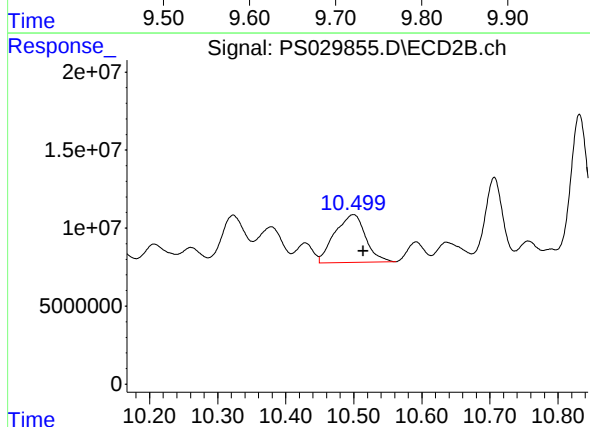
#13 2,4-DB

R.T.: 9.720 min
Delta R.T.: -0.010 min
Response: 130889632
Conc: 72.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MSD

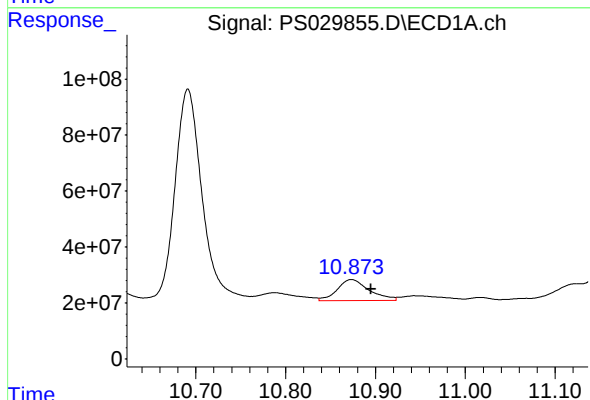
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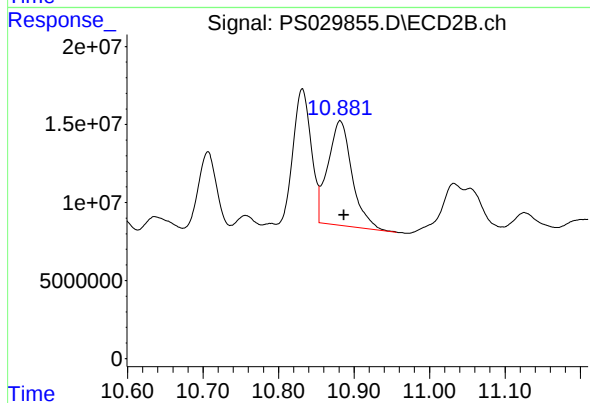
#13 2,4-DB

R.T.: 10.499 min
Delta R.T.: -0.015 min
Response: 96725217
Conc: 130.36 ng/ml



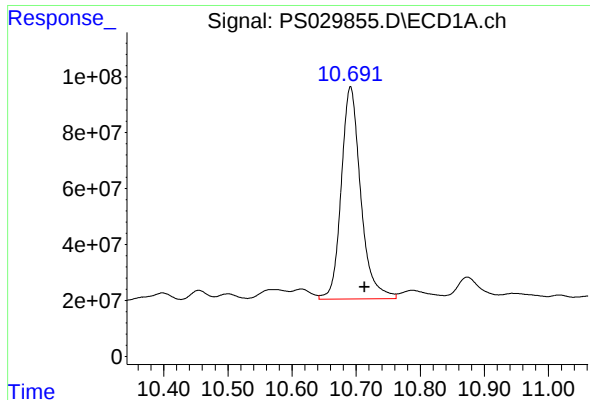
#14 DINOSEB

R.T.: 10.873 min
Delta R.T.: -0.022 min
Response: 184800585
Conc: 21.89 ng/ml



#14 DINOSEB

R.T.: 10.881 min
Delta R.T.: -0.005 min
Response: 148698931
Conc: 29.08 ng/ml m



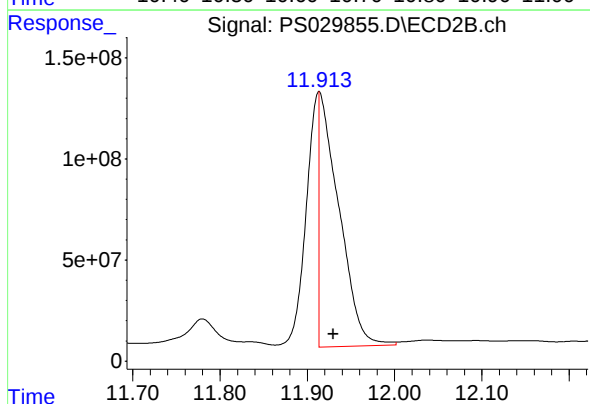
#15 Picloram

R.T.: 10.691 min
Delta R.T.: -0.022 min
Response: 1606387705
Conc: 103.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MSD

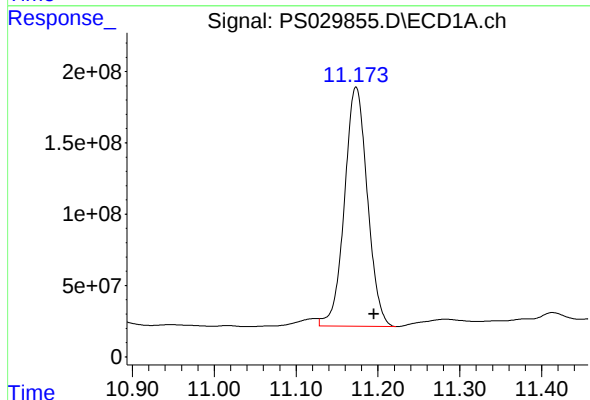
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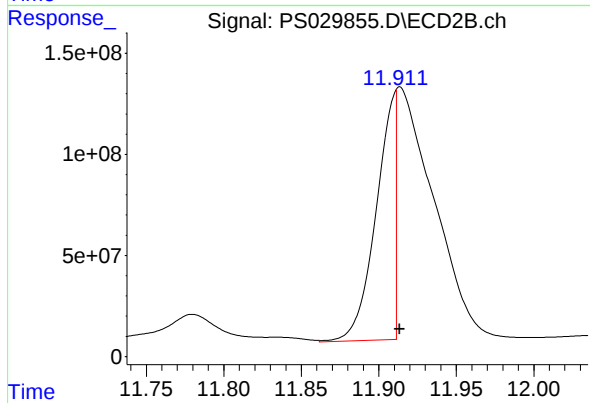
#15 Picloram

R.T.: 11.913 min
Delta R.T.: -0.016 min
Response: 1982819864
Conc: 167.69 ng/ml m



#16 DCPA

R.T.: 11.173 min
Delta R.T.: -0.022 min
Response: 3261709086
Conc: 233.54 ng/ml m



#16 DCPA

R.T.: 11.911 min
Delta R.T.: -0.003 min
Response: 1062641208
Conc: 120.06 ng/ml m