

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040325\
 Data File : PS029677.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2025 14:30
 Operator : AR\AJ
 Sample : Q1671-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/04/2025
 Supervised By :mohammad ahmed 04/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 01:28:04 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	6.959	7.474	773.8E6	255.8E6	379.555m	375.344
Target Compounds							
1) T	Dalapon	2.461	2.533	1176.4E6	634.2E6	346.779	399.463
2) T	3,5-DICHL...	6.163	6.469	952.1E6	277.2E6	316.544	287.051
3) T	4-Nitroph...	6.750	7.008	143.6E6	75105144	102.220m	105.931m
5) T	DICAMBA	7.137	7.661	2721.8E6	1158.1E6	327.058m	313.573
6) T	MCPD	7.315	7.765	116.3E6	36941033	21.458	21.878
7) T	MCPA	7.457	7.996	210.3E6	99000758	28.936	43.512 #
8) T	DICHLORPROP	7.820	8.355	698.9E6	294.5E6	317.741	304.816
9) T	2,4-D	8.040	8.670	1066.8E6	439.2E6	442.720	407.214
10) T	Pentachlo...	8.319	9.172	6919.4E6	4082.3E6	227.576	227.708
11) T	2,4,5-TP ...	8.885	9.550	2618.4E6	1786.3E6	225.428	247.653
12) T	2,4,5-T	9.167	9.955	3060.8E6	1849.9E6	266.053	275.983
13) T	2,4-DB	9.728	10.512	404.6E6	217.0E6	222.702m	292.527m#
14) T	DINOSEB	10.892	10.881	64108367	83025600	7.594m	16.239m#
15) T	Picloram	10.710	11.927	4939.8E6	2288.3E6	318.691	193.525m#
16) T	DCPA	11.192	11.908	5587.2E6	4556.7E6	400.053	514.846m#

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

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Acq On : 03 Apr 2025 14:30
Operator : AR\AJ
Sample : Q1671-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

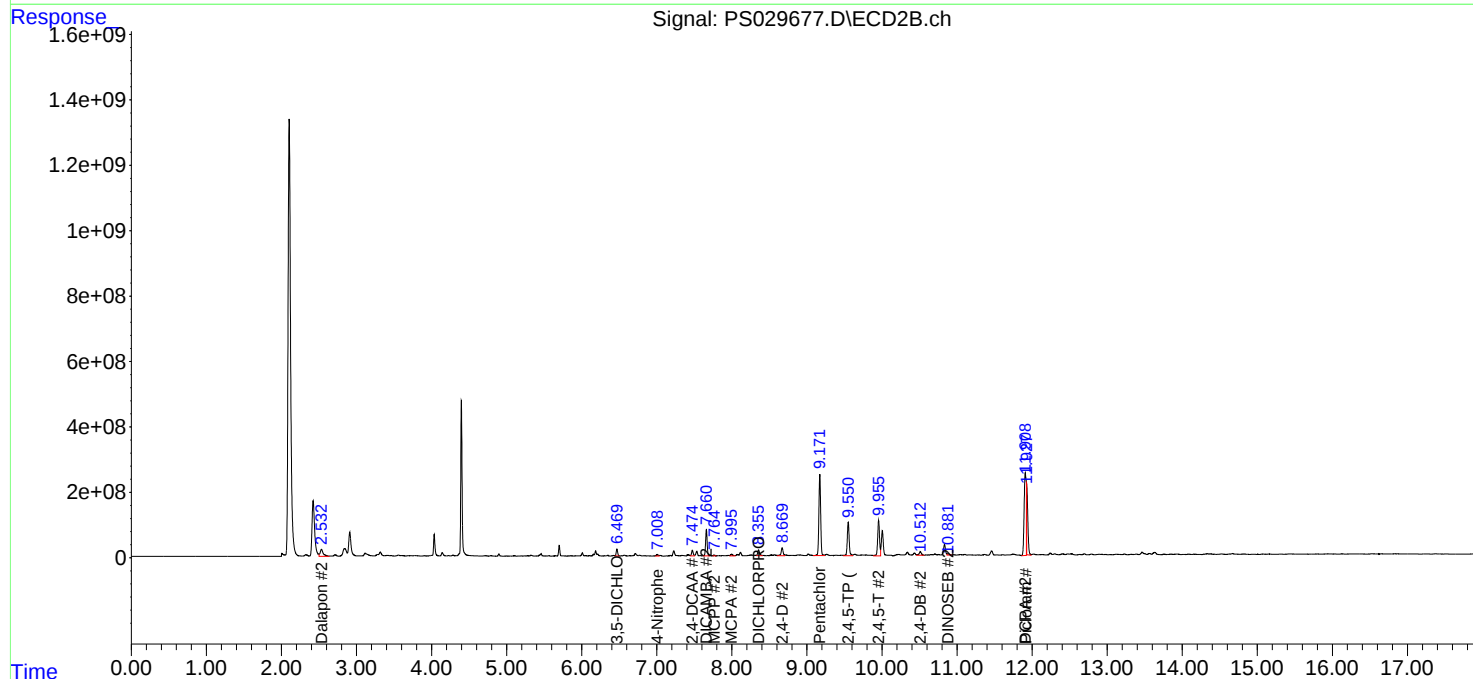
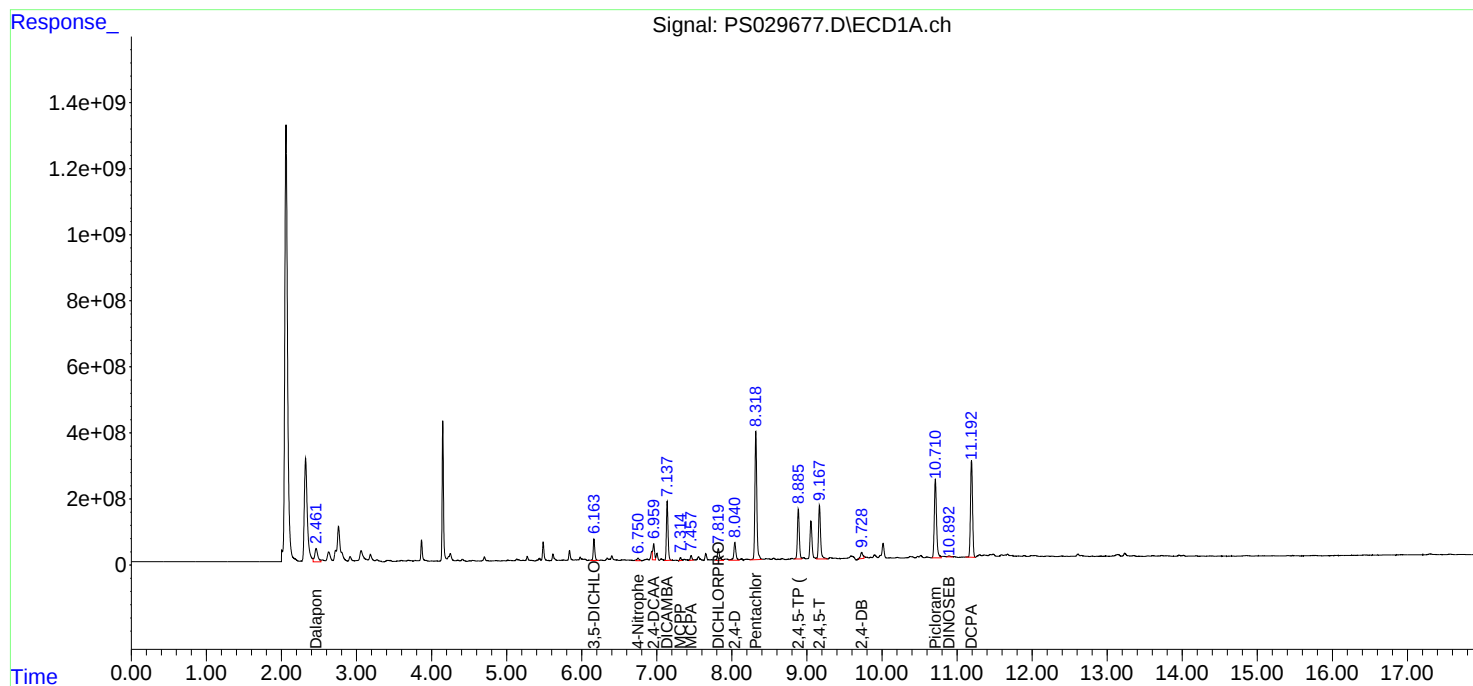
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ECD_S
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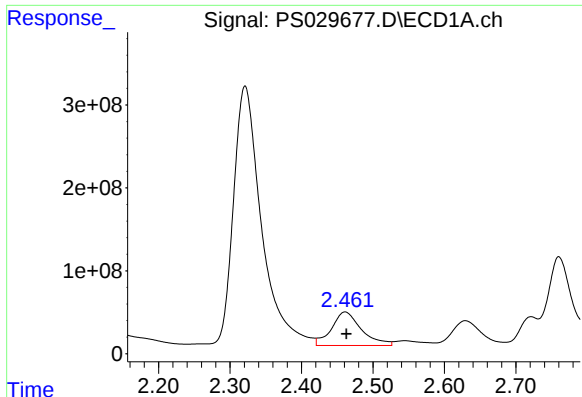
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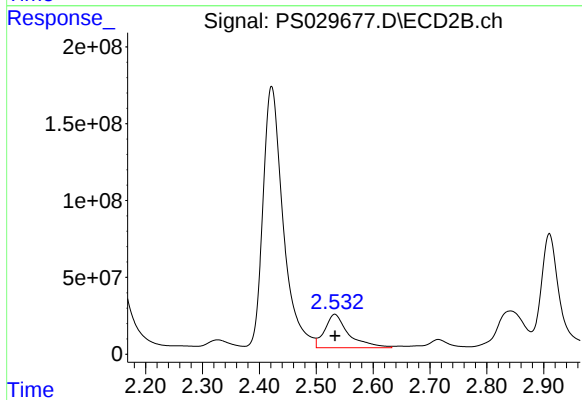
#1 Dalapon

R.T.: 2.461 min
Delta R.T.: -0.002 min
Response: 1176409859
Conc: 346.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

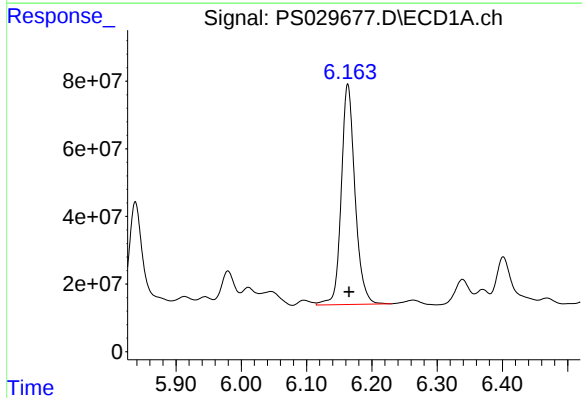
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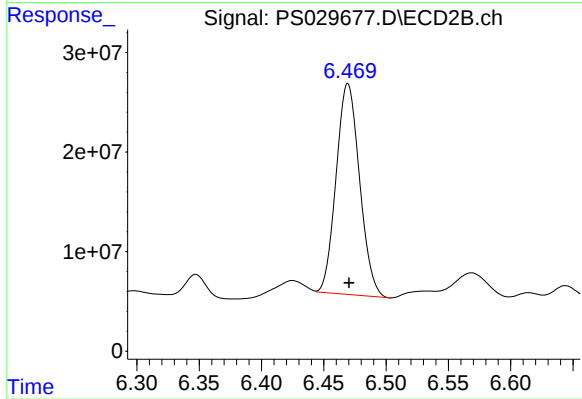
#1 Dalapon

R.T.: 2.533 min
Delta R.T.: 0.000 min
Response: 634185581
Conc: 399.46 ng/ml



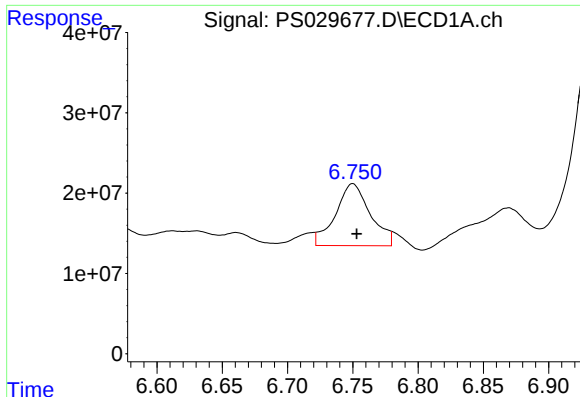
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.163 min
Delta R.T.: -0.002 min
Response: 952086916
Conc: 316.54 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 277163705
Conc: 287.05 ng/ml



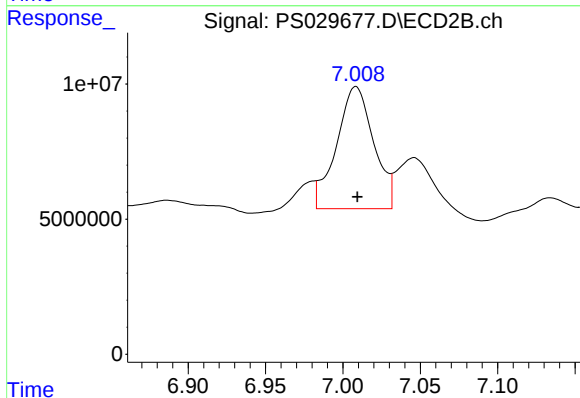
#3 4-Nitrophenol

R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 143598198
Conc: 102.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

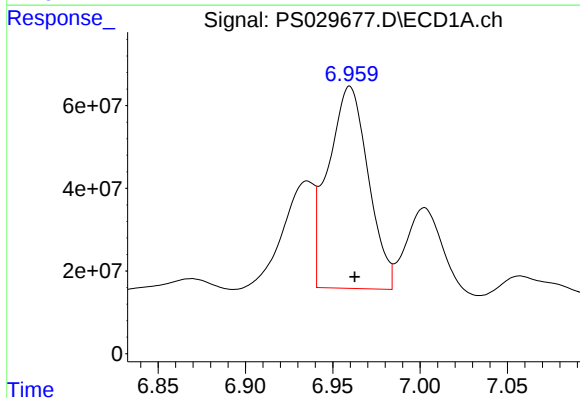
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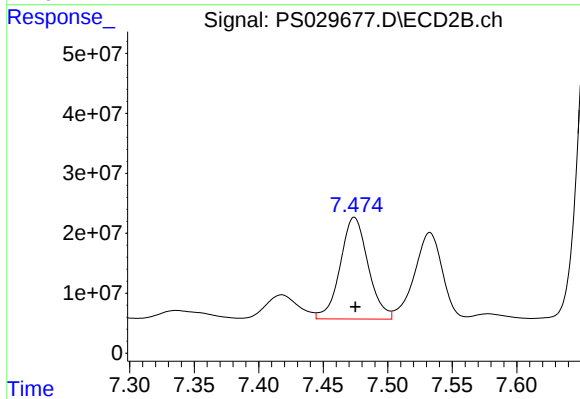
#3 4-Nitrophenol

R.T.: 7.008 min
Delta R.T.: -0.001 min
Response: 75105144
Conc: 105.93 ng/ml



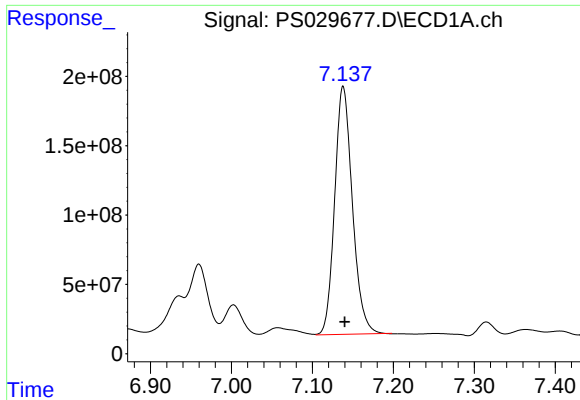
#4 2,4-DCAA

R.T.: 6.959 min
Delta R.T.: -0.003 min
Response: 773848662
Conc: 379.56 ng/ml



#4 2,4-DCAA

R.T.: 7.474 min
Delta R.T.: 0.000 min
Response: 255801546
Conc: 375.34 ng/ml



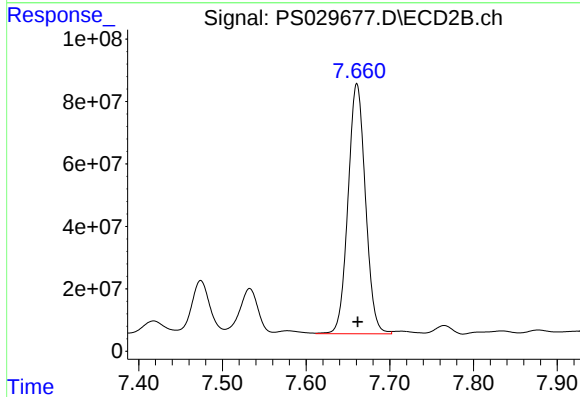
#5 DICAMBA

R.T.: 7.137 min
Delta R.T.: -0.002 min
Response: 2721758920
Conc: 327.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

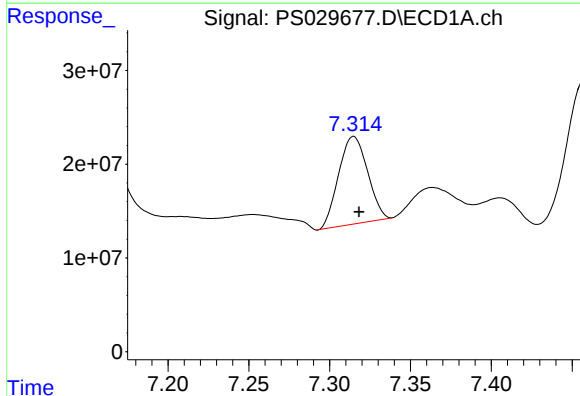
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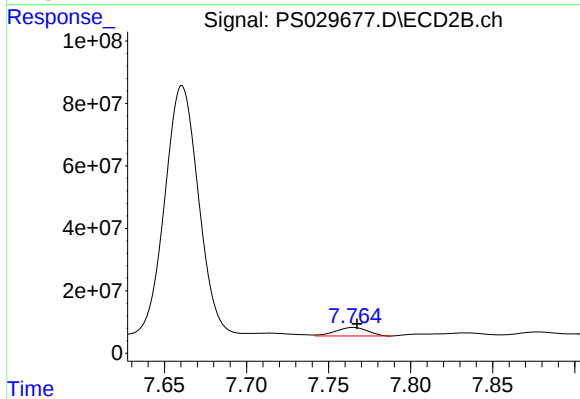
#5 DICAMBA

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 1158139451
Conc: 313.57 ng/ml



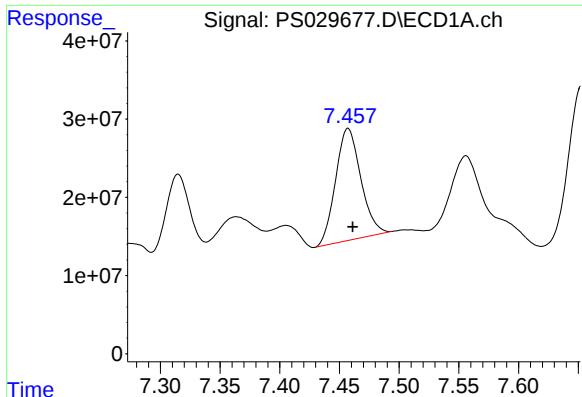
#6 MCPP

R.T.: 7.315 min
Delta R.T.: -0.003 min
Response: 116298920
Conc: 21.46 ug/ml



#6 MCPP

R.T.: 7.765 min
Delta R.T.: -0.003 min
Response: 36941033
Conc: 21.88 ug/ml



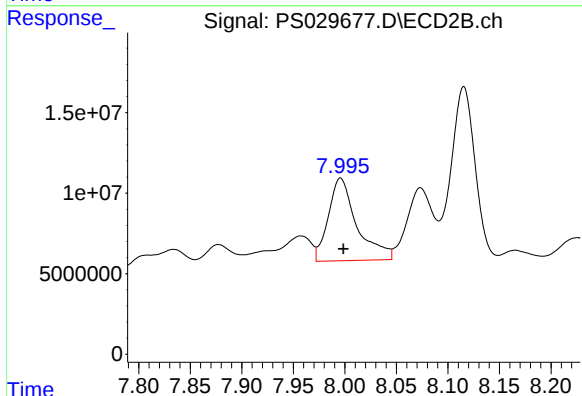
#7 MCPA

R.T.: 7.457 min
Delta R.T.: -0.004 min
Response: 210336779
Conc: 28.94 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

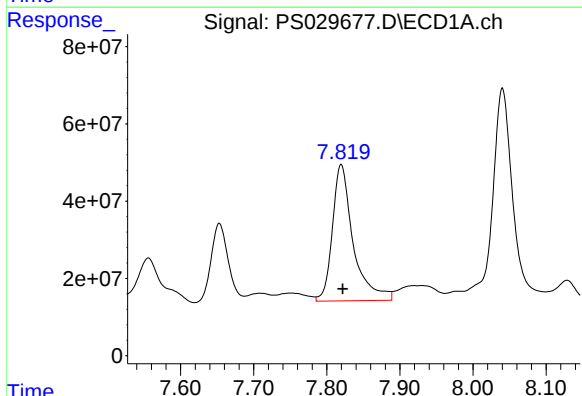
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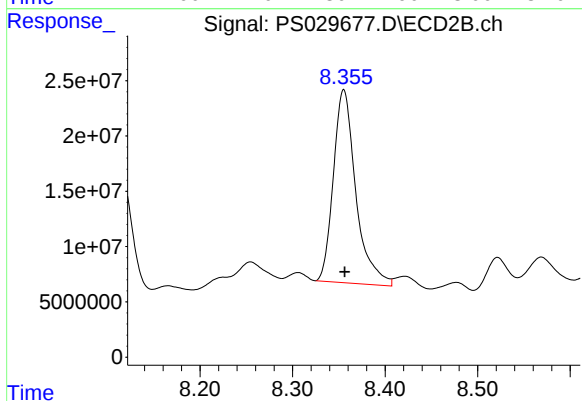
#7 MCPA

R.T.: 7.996 min
Delta R.T.: -0.003 min
Response: 99000758
Conc: 43.51 ug/ml



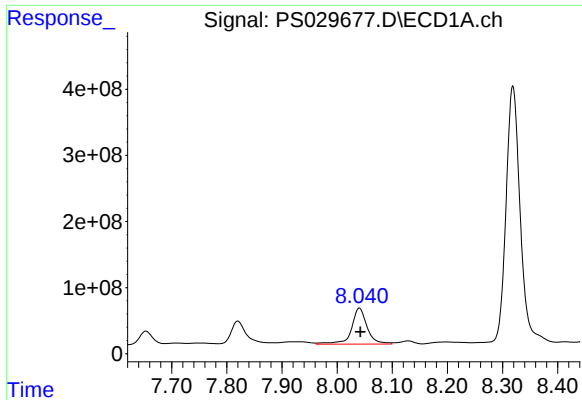
#8 DICHLORPROP

R.T.: 7.820 min
Delta R.T.: -0.002 min
Response: 698850631
Conc: 317.74 ng/ml



#8 DICHLORPROP

R.T.: 8.355 min
Delta R.T.: -0.001 min
Response: 294499003
Conc: 304.82 ng/ml



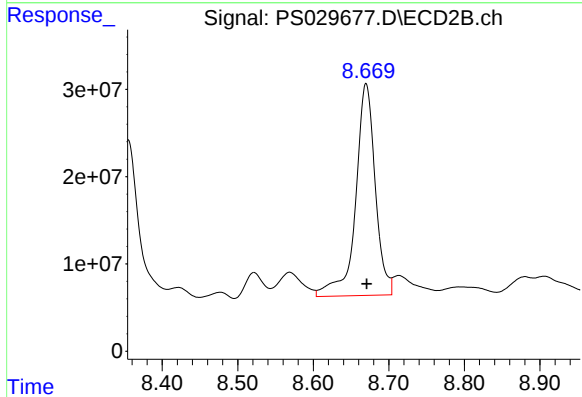
#9 2,4-D

R.T.: 8.040 min
Delta R.T.: -0.002 min
Response: 1066773309
Conc: 442.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

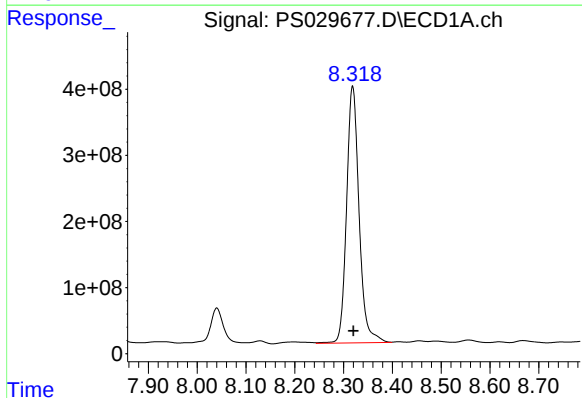
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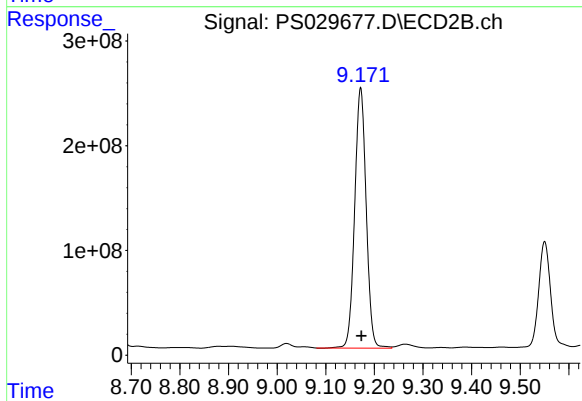
#9 2,4-D

R.T.: 8.670 min
Delta R.T.: -0.001 min
Response: 439166374
Conc: 407.21 ng/ml



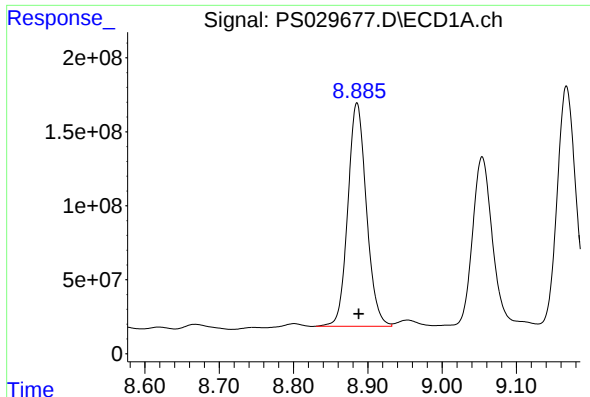
#10 Pentachlorophenol

R.T.: 8.319 min
Delta R.T.: -0.002 min
Response: 6919440089
Conc: 227.58 ng/ml



#10 Pentachlorophenol

R.T.: 9.172 min
Delta R.T.: -0.001 min
Response: 4082291734
Conc: 227.71 ng/ml



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

R.T.: 8.885 min
Delta R.T.: -0.002 min
Response: 2618430678
Conc: 225.43 ng/ml

Instrument :

ECD_S

ClientSampleId :

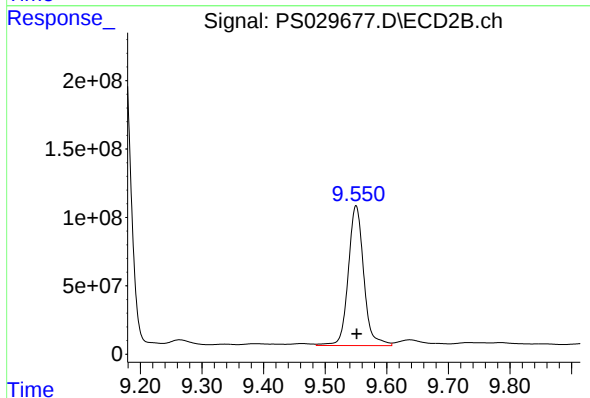
WC-1MS

Manual Integrations

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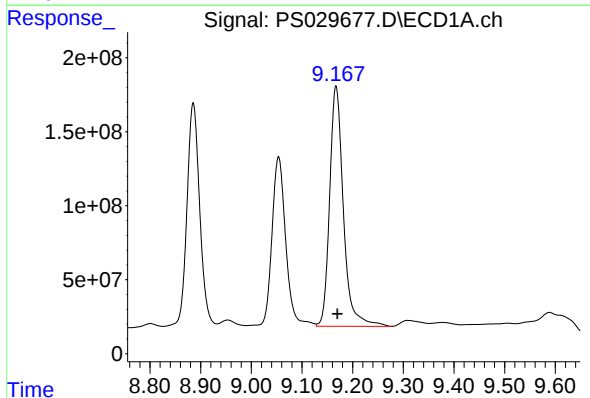
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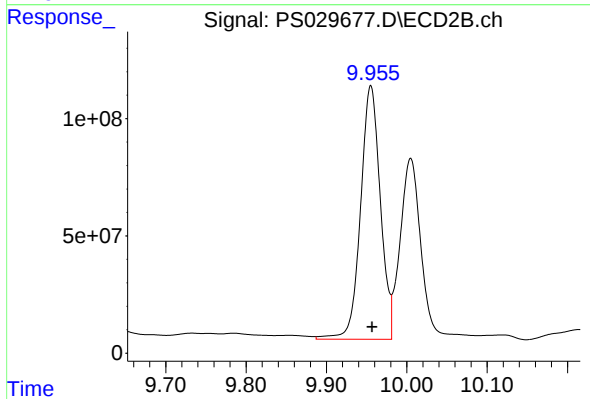
#11 2,4,5-TP (SILVEX)

R.T.: 9.550 min
Delta R.T.: -0.001 min
Response: 1786313626
Conc: 247.65 ng/ml



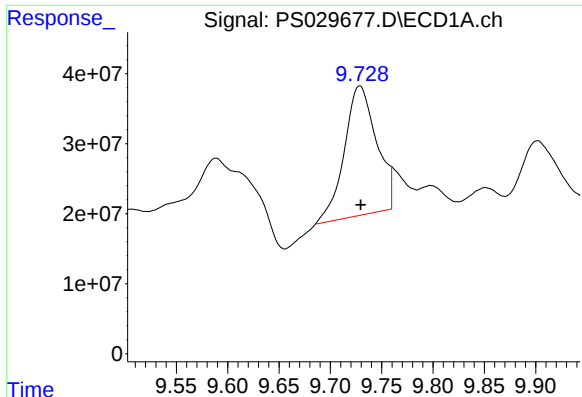
#12 2,4,5-T

R.T.: 9.167 min
Delta R.T.: -0.003 min
Response: 3060786394
Conc: 266.05 ng/ml



#12 2,4,5-T

R.T.: 9.955 min
Delta R.T.: -0.002 min
Response: 1849872057
Conc: 275.98 ng/ml



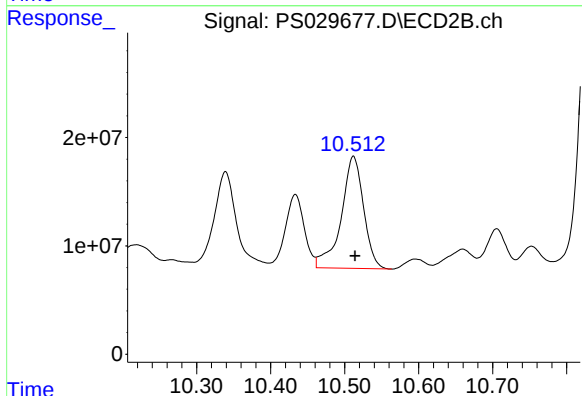
#13 2,4-DB

R.T.: 9.728 min
Delta R.T.: -0.001 min
Response: 404593123
Conc: 222.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

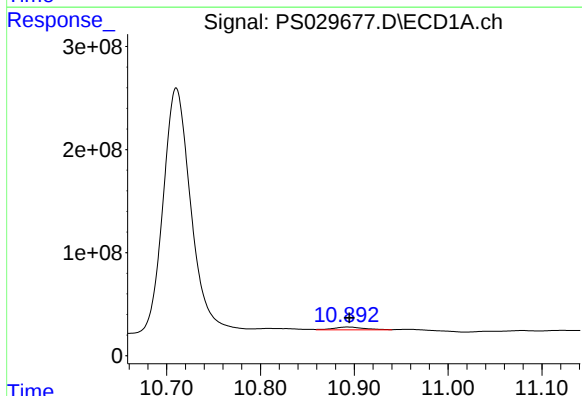
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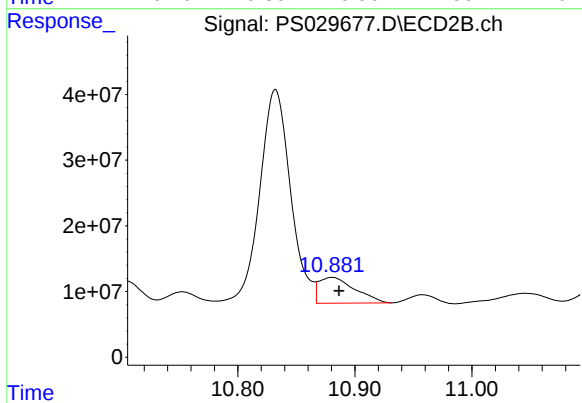
#13 2,4-DB

R.T.: 10.512 min
Delta R.T.: -0.002 min
Response: 217047532
Conc: 292.53 ng/ml m



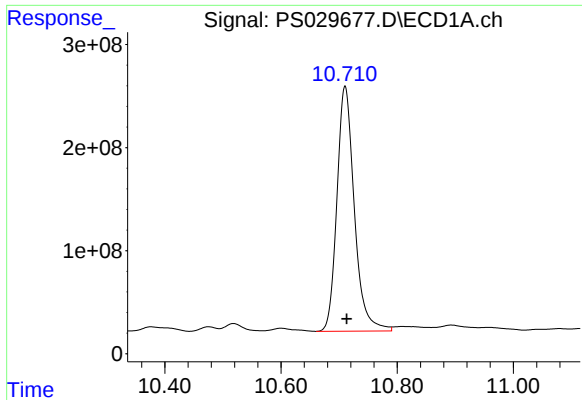
#14 DINOSEB

R.T.: 10.892 min
Delta R.T.: -0.003 min
Response: 64108367
Conc: 7.59 ng/ml m



#14 DINOSEB

R.T.: 10.881 min
Delta R.T.: -0.006 min
Response: 83025600
Conc: 16.24 ng/ml m



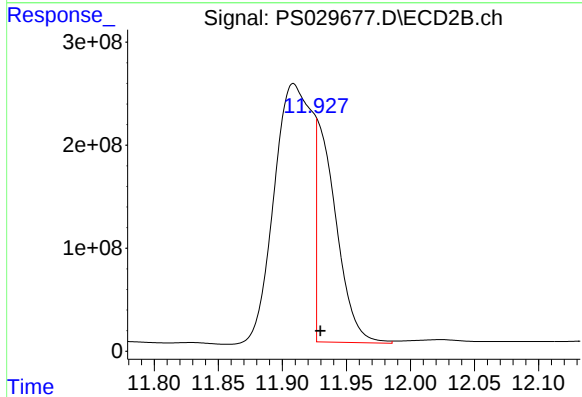
#15 Picloram

R.T.: 10.710 min
Delta R.T.: -0.003 min
Response: 4939838679
Conc: 318.69 ng/ml

Instrument :
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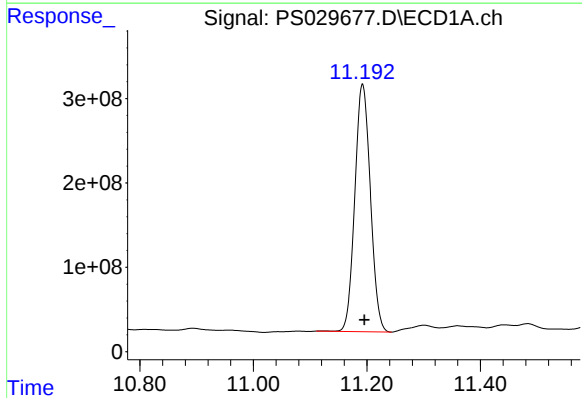
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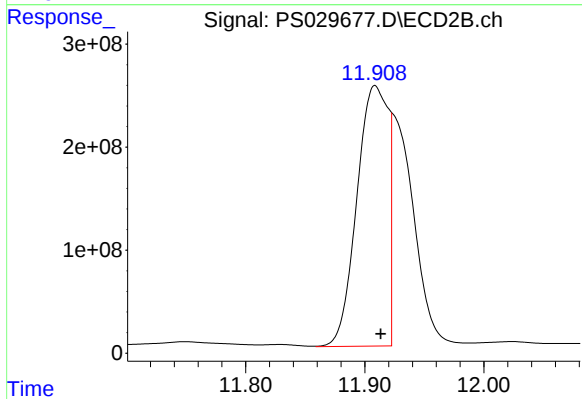
#15 Picloram

R.T.: 11.927 min
Delta R.T.: -0.003 min
Response: 2288327776
Conc: 193.53 ng/ml m



#16 DCPA

R.T.: 11.192 min
Delta R.T.: -0.003 min
Response: 5587179224
Conc: 400.05 ng/ml



#16 DCPA

R.T.: 11.908 min
Delta R.T.: -0.005 min
Response: 4556732042
Conc: 514.85 ng/ml m