

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041725\
 Data File : PS029844.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2025 20:15
 Operator : AR\AJ
 Sample : Q1788-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-1MS

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 23:42:51 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	6.946	7.473	167.5E6	56989153	82.142	83.622
Target Compounds							
1) T	Dalapon	2.451	2.527	832.2E6	307.4E6	245.303	193.626m
2) T	3,5-DICHL...	6.152	6.469	137.2E6	44342525	45.622	45.924m
3) T	4-Nitroph...	6.734	7.006	30979792	43231956	22.053	60.976 #
5) T	DICAMBA	7.125	7.659	439.5E6	168.9E6	52.818	45.742
6) T	MCP	7.346f	7.748	204.7E6	58559287	37.760m	34.682
7) T	MCPA	7.463	8.021	126.3E6	10835487	17.373m	4.762m#
8) T	DICHLORPROP	7.831	8.380	103.1E6	113.8E6	46.883	117.819m#
9) T	2,4-D	8.028	8.668	159.7E6	62331461	66.290	57.796
10) T	Pentachlo...	8.305	9.169	2978.7E6	1781.5E6	97.967	99.373m
11) T	2,4,5-TP ...	8.870	9.549	316.5E6	229.2E6	27.248	31.772
12) T	2,4,5-T	9.152	9.954	309.7E6	252.3E6	26.922m	37.635 #
13) T	2,4-DB	9.720	10.502	130.4E6	94999658	71.757m	128.036 #
14) T	DINOSEB	10.876	10.885	187.9E6	170.4E6	22.262	33.329m#
15) T	Picloram	10.694	11.918	1615.9E6	1846.6E6	104.251	156.165m#
16) T	DCPA	11.175	11.913	3245.3E6	1044.6E6	232.373m	118.026m#

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

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Acq On : 17 Apr 2025 20:15
Operator : AR\AJ
Sample : Q1788-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

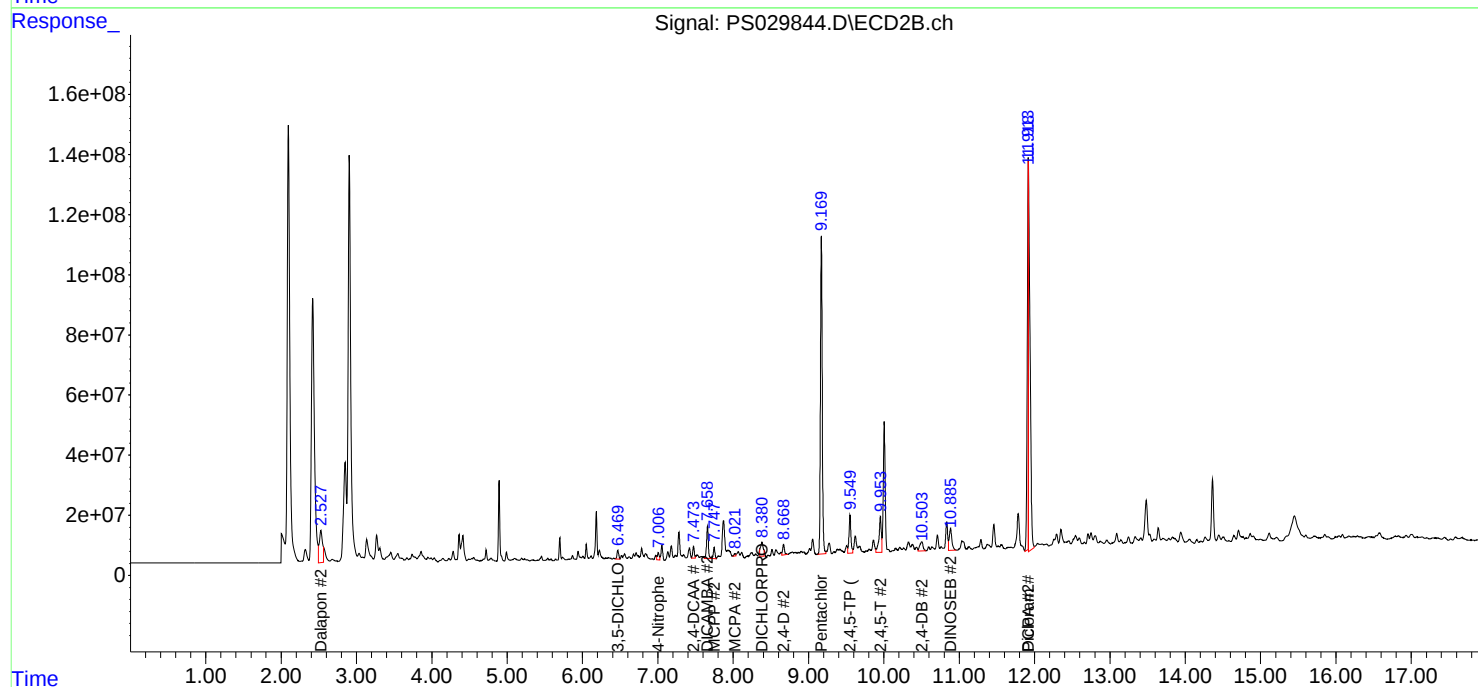
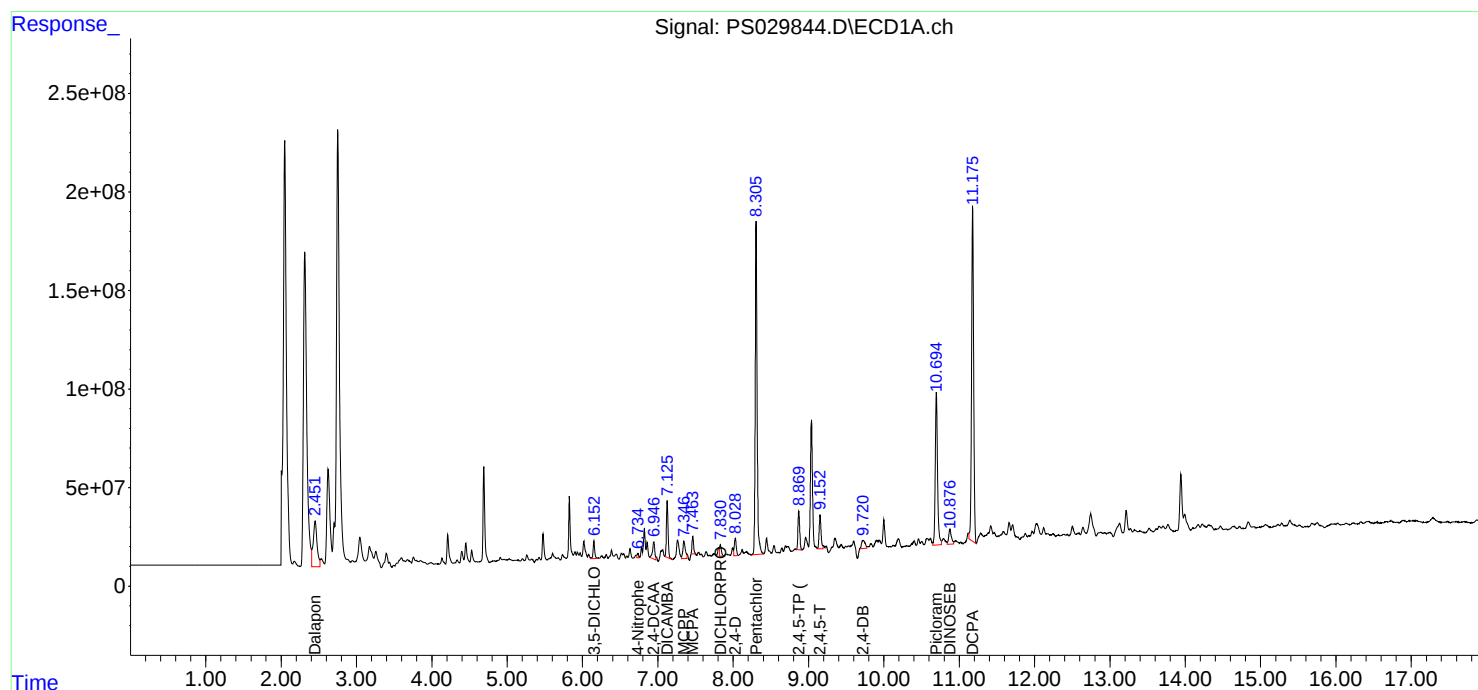
Instrument :
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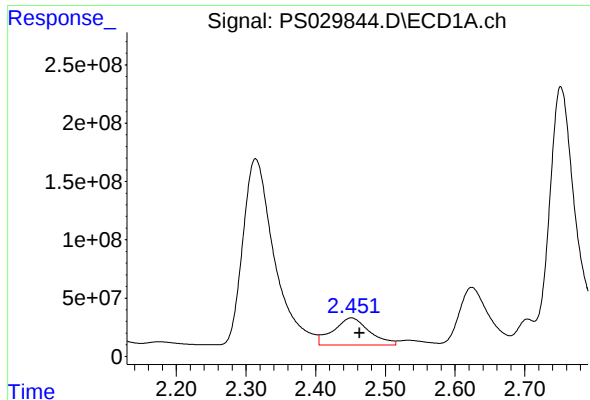
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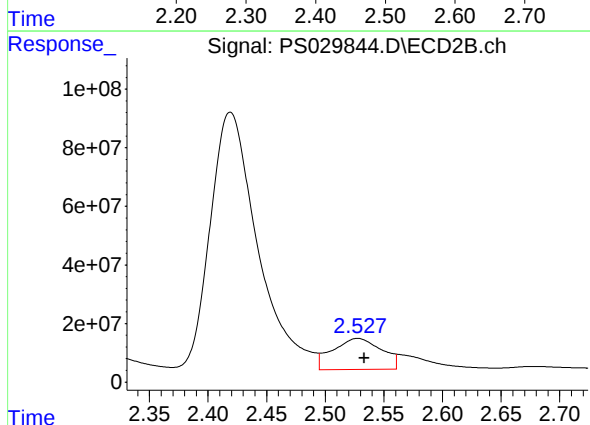
#1 Dalapon

R.T.: 2.451 min
Delta R.T.: -0.012 min
Response: 832164276
Conc: 245.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

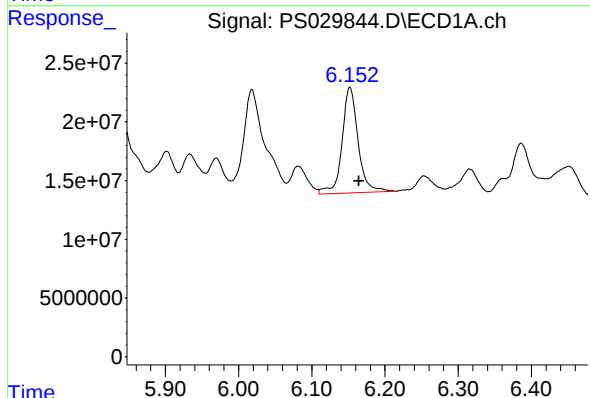
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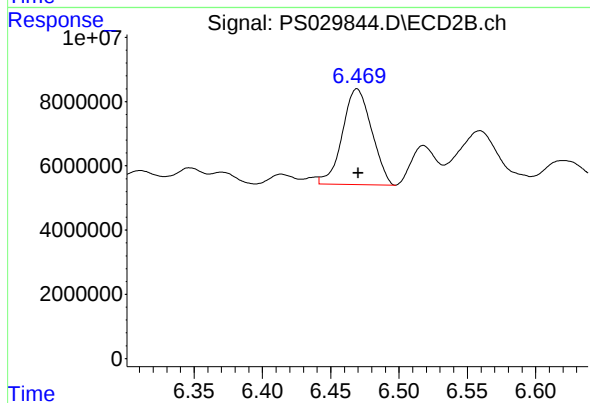
#1 Dalapon

R.T.: 2.527 min
Delta R.T.: -0.006 min
Response: 307399045
Conc: 193.63 ng/ml m



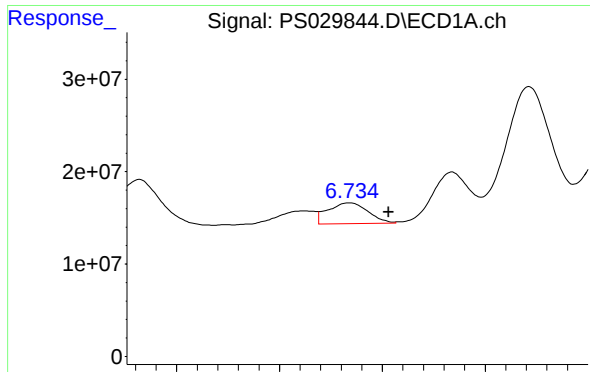
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.152 min
Delta R.T.: -0.013 min
Response: 137219798
Conc: 45.62 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.469 min
Delta R.T.: -0.001 min
Response: 44342525
Conc: 45.92 ng/ml m



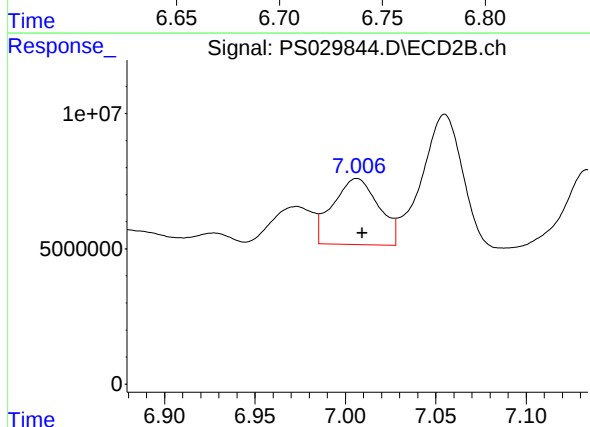
#3 4-Nitrophenol

R.T.: 6.734 min
Delta R.T.: -0.019 min
Response: 30979792
Conc: 22.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

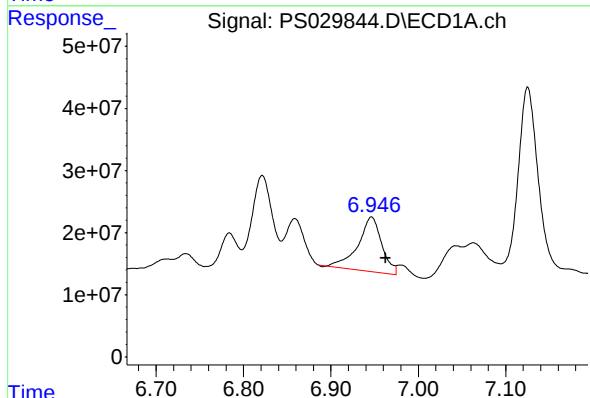
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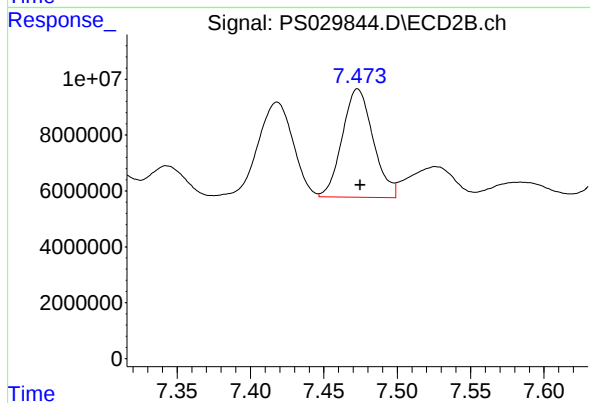
#3 4-Nitrophenol

R.T.: 7.006 min
Delta R.T.: -0.003 min
Response: 43231956
Conc: 60.98 ng/ml



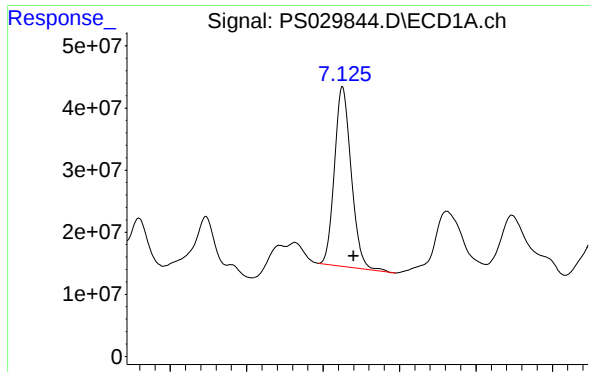
#4 2,4-DCAA

R.T.: 6.946 min
Delta R.T.: -0.016 min
Response: 167474254
Conc: 82.14 ng/ml



#4 2,4-DCAA

R.T.: 7.473 min
Delta R.T.: -0.002 min
Response: 56989153
Conc: 83.62 ng/ml



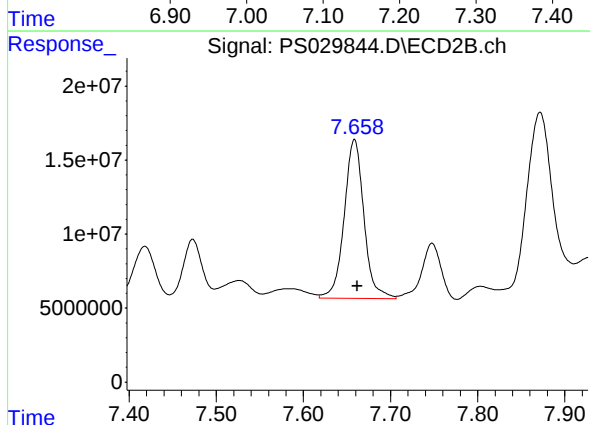
#5 DICAMBA

R.T.: 7.125 min
Delta R.T.: -0.015 min
Response: 439549902
Conc: 52.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

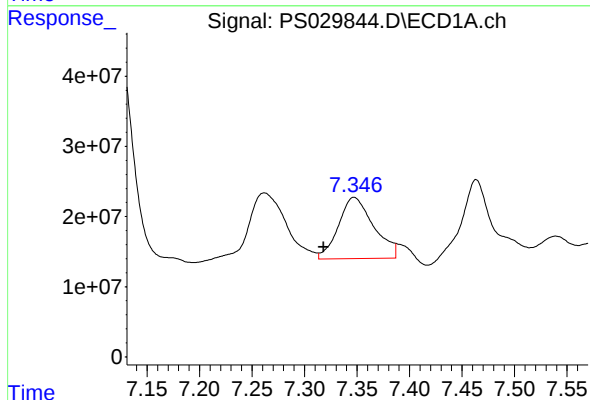
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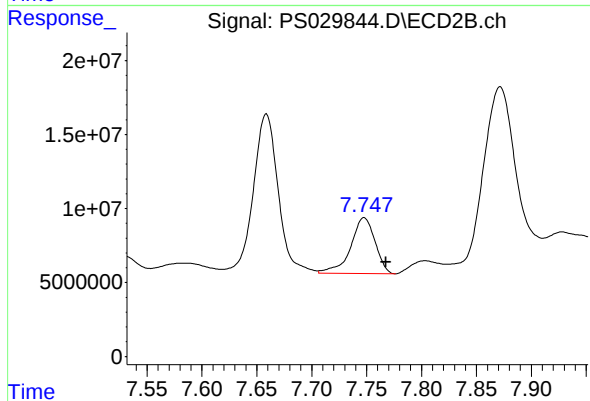
#5 DICAMBA

R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 168942885
Conc: 45.74 ng/ml



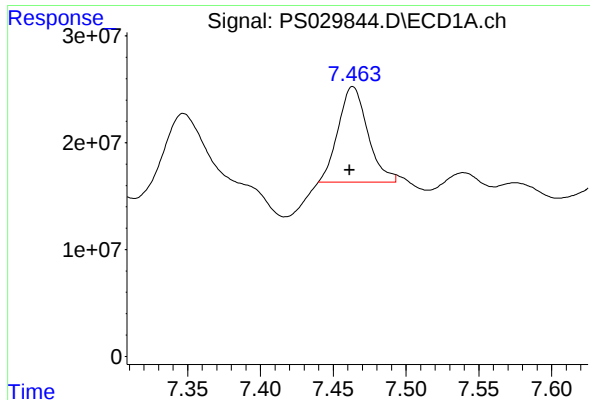
#6 MCP

R.T.: 7.346 min
Delta R.T.: 0.028 min
Response: 204653269
Conc: 37.76 ug/ml m



#6 MCP

R.T.: 7.748 min
Delta R.T.: -0.020 min
Response: 58559287
Conc: 34.68 ug/ml



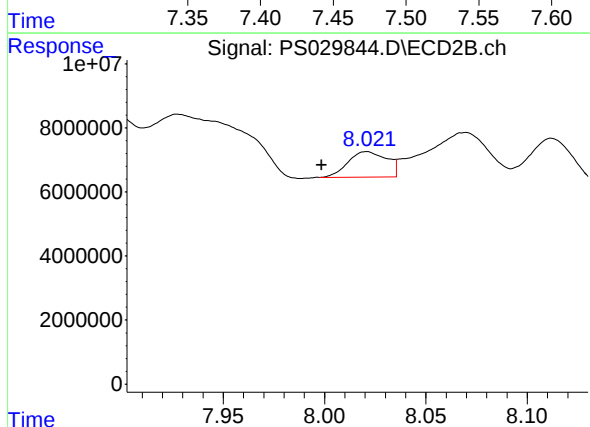
#7 MCPA

R.T.: 7.463 min
Delta R.T.: 0.002 min
Response: 126287795
Conc: 17.37 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

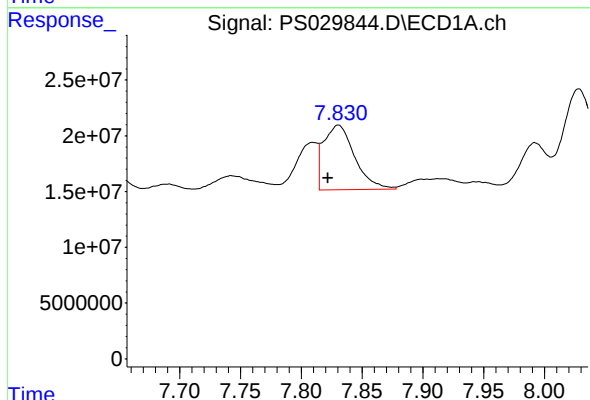
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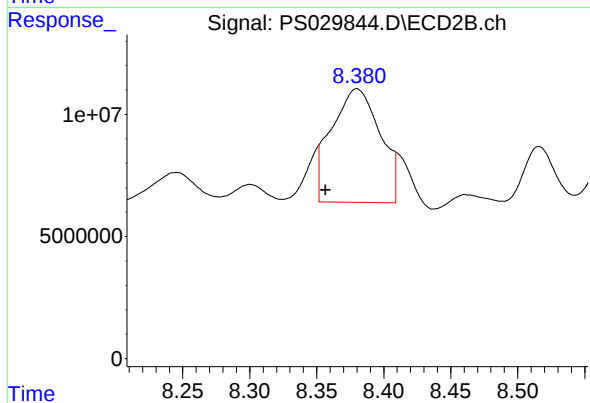
#7 MCPA

R.T.: 8.021 min
Delta R.T.: 0.022 min
Response: 10835487
Conc: 4.76 ug/ml m



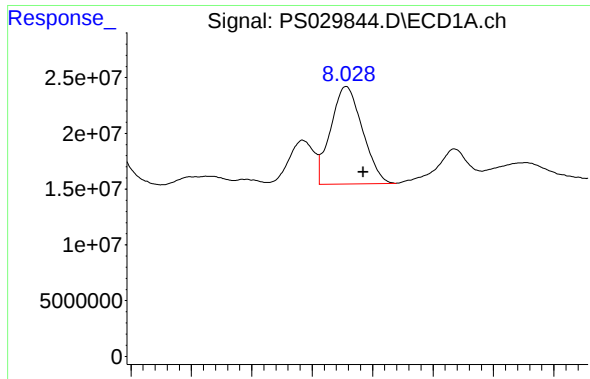
#8 DICHLORPROP

R.T.: 7.831 min
Delta R.T.: 0.009 min
Response: 103115771
Conc: 46.88 ng/ml



#8 DICHLORPROP

R.T.: 8.380 min
Delta R.T.: 0.023 min
Response: 113830910
Conc: 117.82 ng/ml m



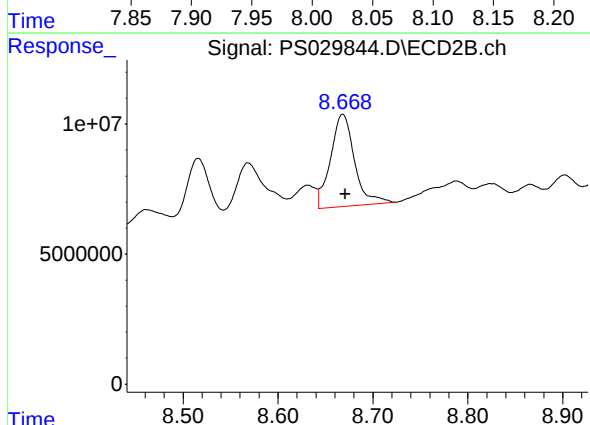
#9 2,4-D

R.T.: 8.028 min
Delta R.T.: -0.014 min
Response: 159730970
Conc: 66.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

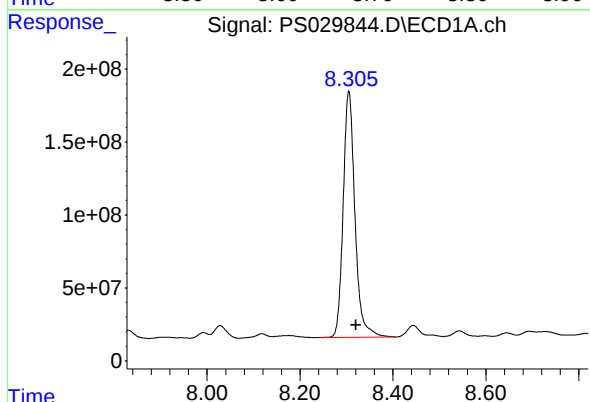
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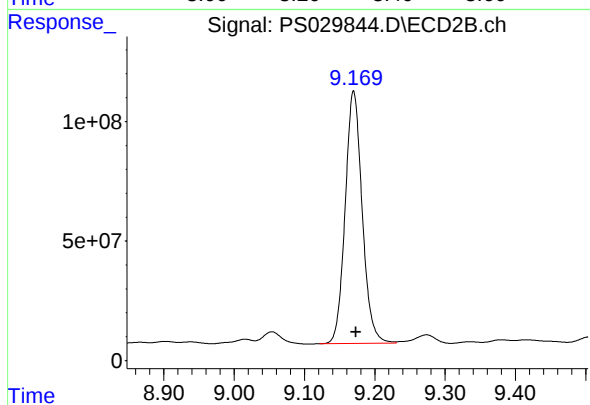
#9 2,4-D

R.T.: 8.668 min
Delta R.T.: -0.003 min
Response: 62331461
Conc: 57.80 ng/ml



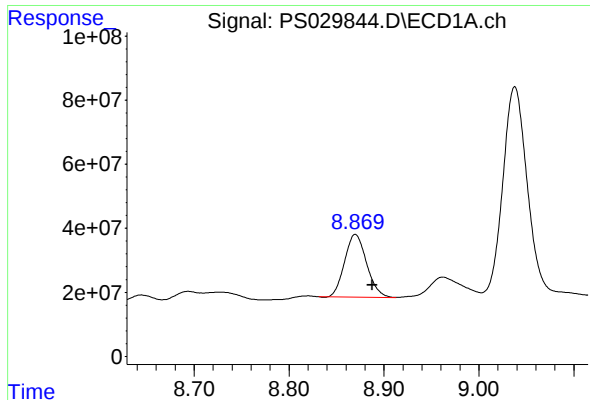
#10 Pentachlorophenol

R.T.: 8.305 min
Delta R.T.: -0.015 min
Response: 2978695757
Conc: 97.97 ng/ml



#10 Pentachlorophenol

R.T.: 9.169 min
Delta R.T.: -0.004 min
Response: 1781525286
Conc: 99.37 ng/ml m



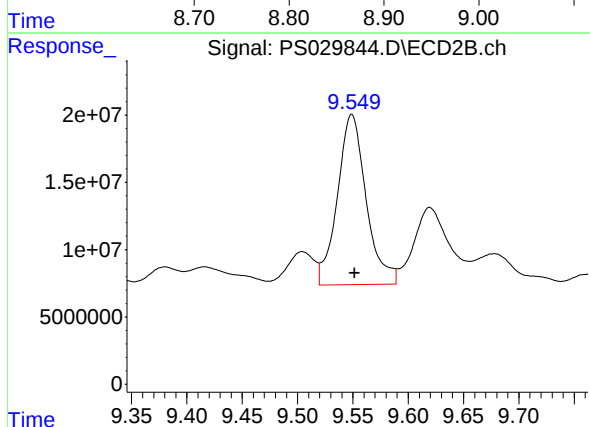
#11 2,4,5-TP (SILVEX)

R.T.: 8.870 min
Delta R.T.: -0.018 min
Response: 316500606
Conc: 27.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

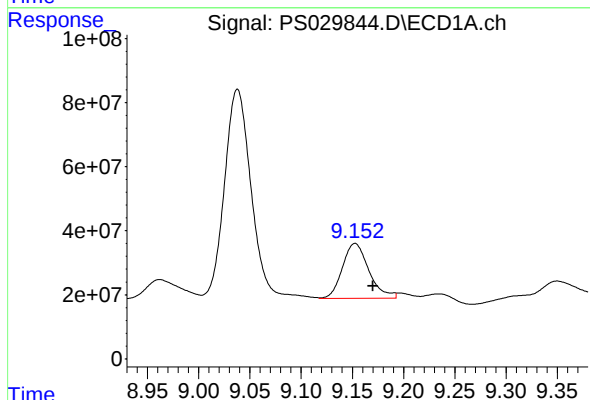
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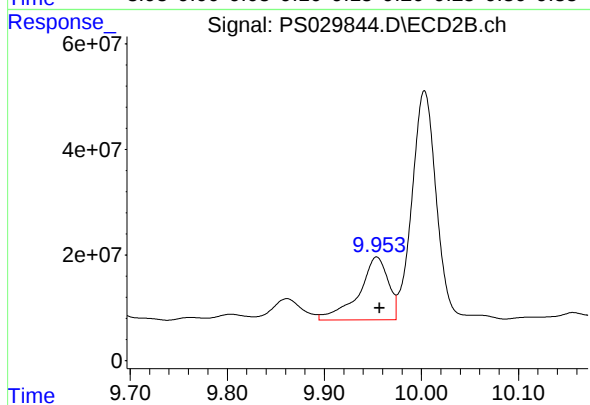
#11 2,4,5-TP (SILVEX)

R.T.: 9.549 min
Delta R.T.: -0.002 min
Response: 229168069
Conc: 31.77 ng/ml



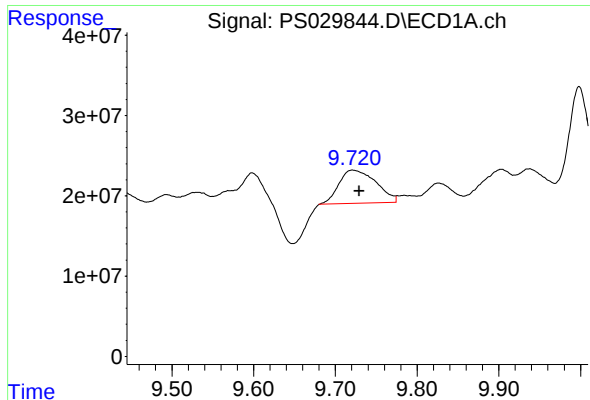
#12 2,4,5-T

R.T.: 9.152 min
Delta R.T.: -0.018 min
Response: 309719673
Conc: 26.92 ng/ml m



#12 2,4,5-T

R.T.: 9.954 min
Delta R.T.: -0.003 min
Response: 252263707
Conc: 37.64 ng/ml



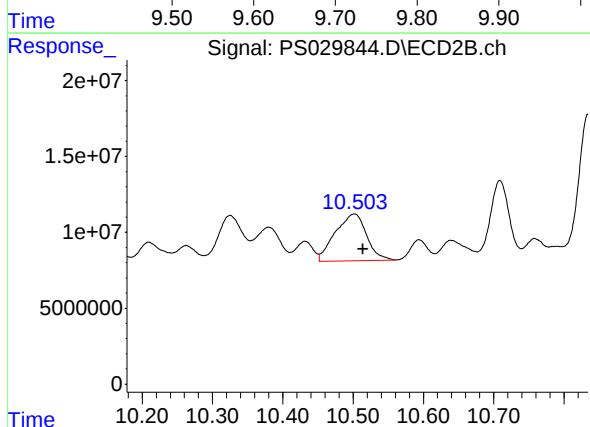
#13 2,4-DB

R.T.: 9.720 min
Delta R.T.: -0.009 min
Response: 130363486
Conc: 71.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

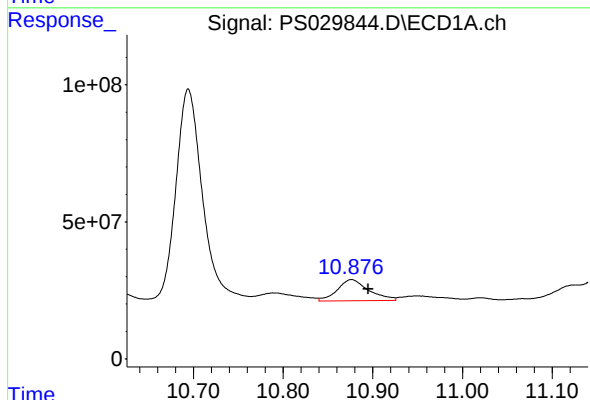
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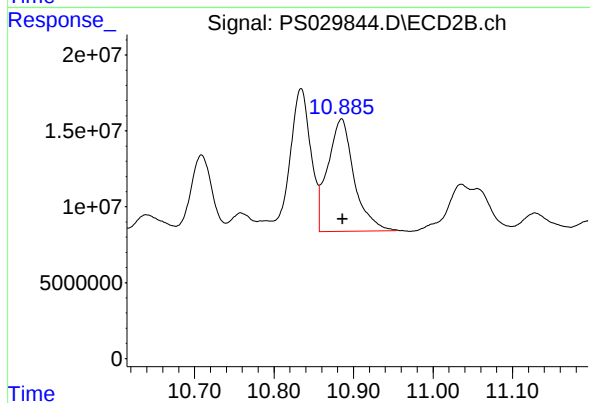
#13 2,4-DB

R.T.: 10.502 min
Delta R.T.: -0.012 min
Response: 94999658
Conc: 128.04 ng/ml



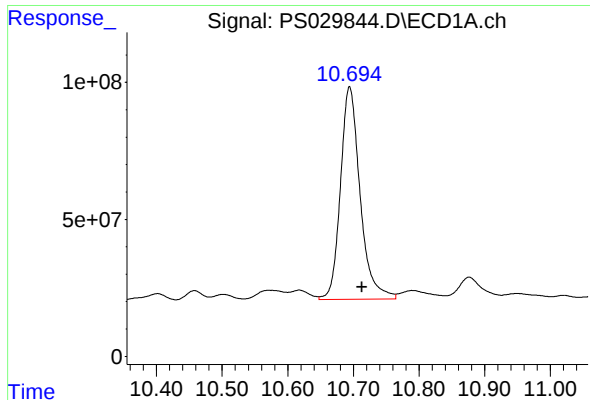
#14 DINOSEB

R.T.: 10.876 min
Delta R.T.: -0.019 min
Response: 187938663
Conc: 22.26 ng/ml



#14 DINOSEB

R.T.: 10.885 min
Delta R.T.: -0.002 min
Response: 170405555
Conc: 33.33 ng/ml m



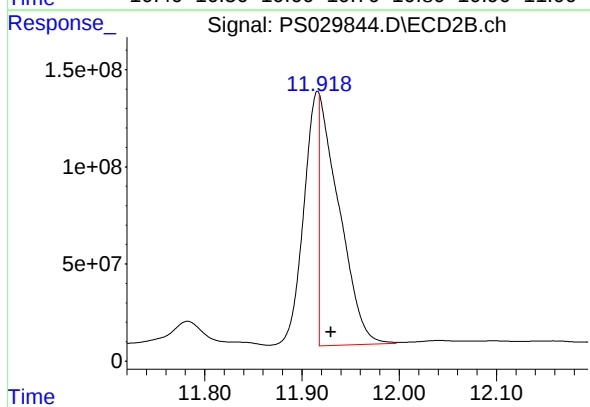
#15 Picloram

R.T.: 10.694 min
Delta R.T.: -0.019 min
Response: 1615933868
Conc: 104.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MS

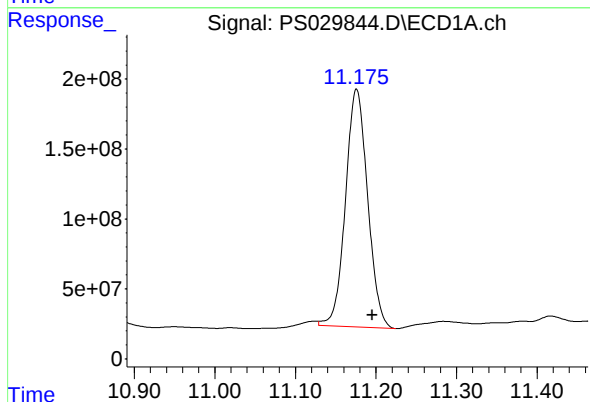
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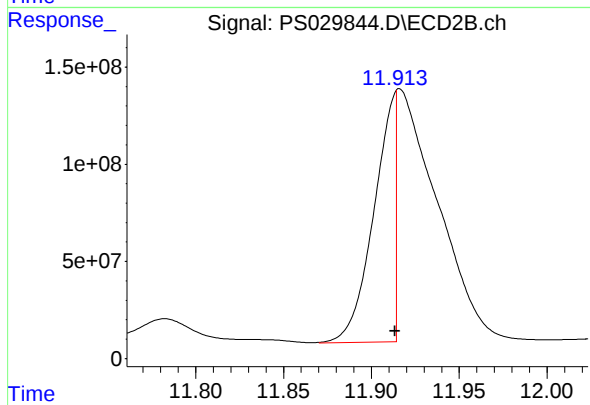
#15 Picloram

R.T.: 11.918 min
Delta R.T.: -0.012 min
Response: 1846557650
Conc: 156.16 ng/ml



#16 DCPA

R.T.: 11.175 min
Delta R.T.: -0.020 min
Response: 3245345430
Conc: 232.37 ng/ml



#16 DCPA

R.T.: 11.913 min
Delta R.T.: 0.000 min
Response: 1044606785
Conc: 118.03 ng/ml