

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040925\
 Data File : PS029766.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 21:46
 Operator : AR\AJ
 Sample : Q1739-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-LIQUID-20250404MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/10/2025
 Supervised By :mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 06:39:56 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	6.943	7.469	1200.1E6	439.8E6	588.631	645.384
Target Compounds							
1) T	Dalapon	2.457	2.530	1791.8E6	950.6E6	528.187	598.773
2) T	3,5-DICHL...	6.149	6.465	1723.6E6	579.5E6	573.043	600.173
3) T	4-Nitroph...	6.734	7.002	754.1E6	384.6E6	536.829	542.511
5) T	DICAMBA	7.120	7.655	4299.3E6	2056.0E6	516.625	556.682
6) T	MCPD	7.297	7.761	348.9E6	83841621	64.368	49.655m
7) T	MCPA	7.439	7.990	450.7E6	138.1E6	62.001m	60.694m
8) T	DICHLORPROP	7.799	8.349	1149.3E6	609.0E6	522.537	630.385
9) T	2,4-D	8.019	8.662	1378.2E6	634.3E6	571.968	588.160
10) T	Pentachlo...	8.299	9.163	15184.4E6	10303.6E6	499.404	574.731
11) T	2,4,5-TP ...	8.863	9.541	6022.4E6	4374.8E6	518.489	606.518
12) T	2,4,5-T	9.145	9.946	5691.0E6	3737.2E6	494.680	557.561
13) T	2,4-DB	9.704	10.502	754.5E6	366.4E6	415.314	493.786
14) T	DINOSEB	10.866	10.874	2867.8E6	2055.3E6	339.709	401.989
15) T	Picloram	10.684	11.907	6786.1E6	4984.8E6	437.803	421.568m
16) T	DCPA	11.167	11.900	6116.3E6	5627.7E6	437.940	635.847m#

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

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ALS Vial : 14 Sample Multiplier: 1

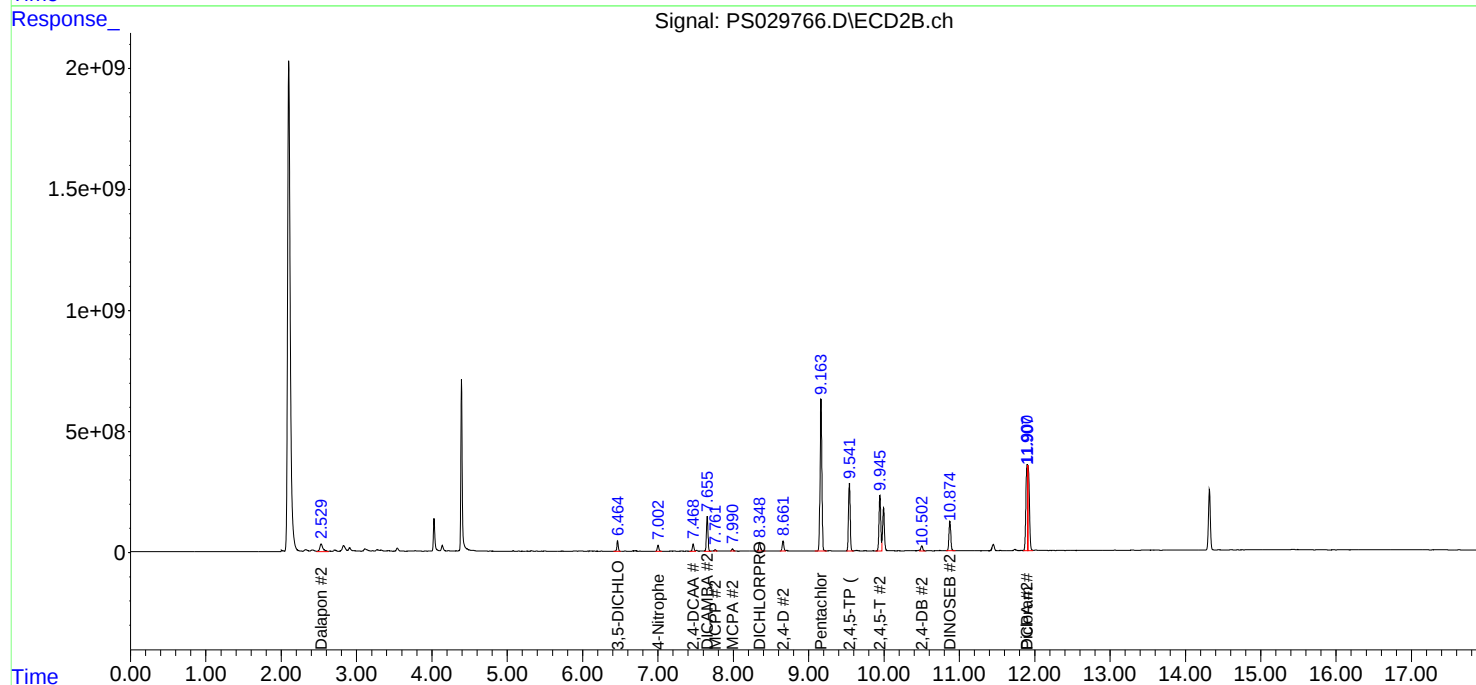
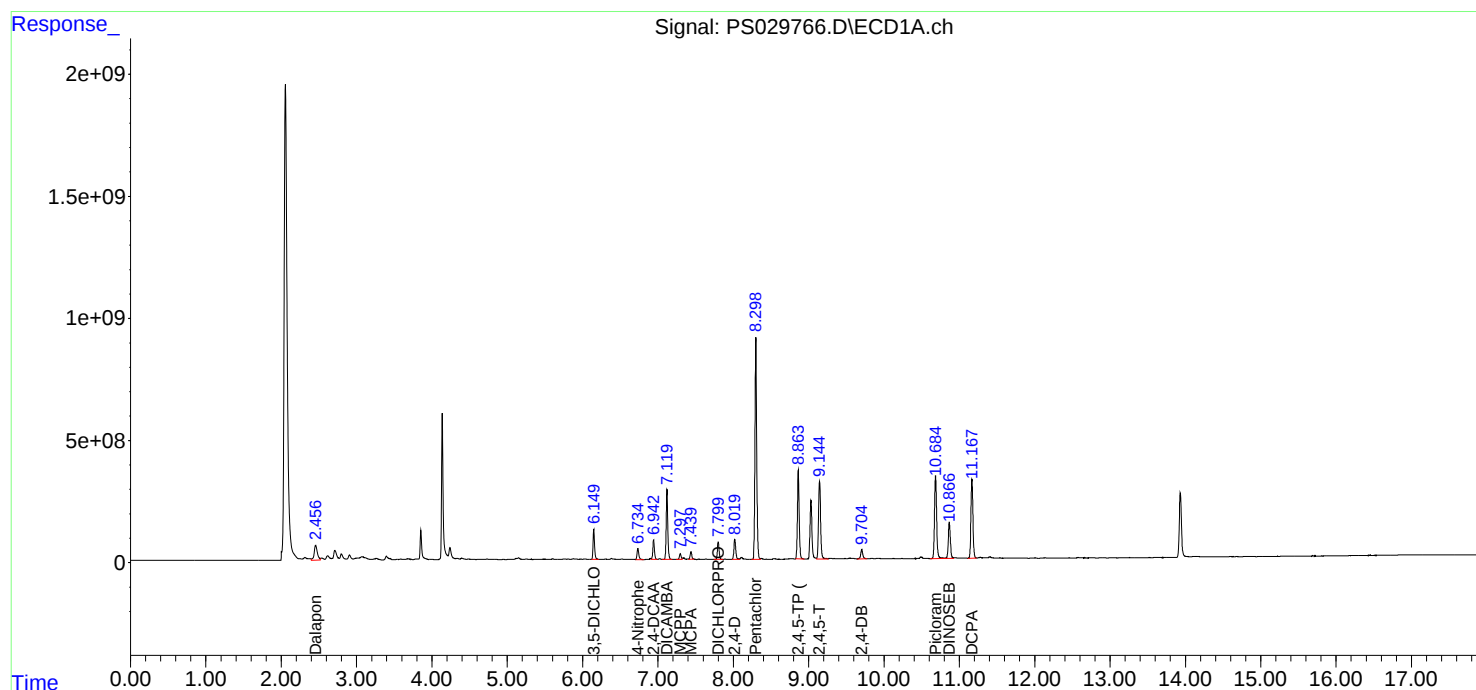
Instrument :
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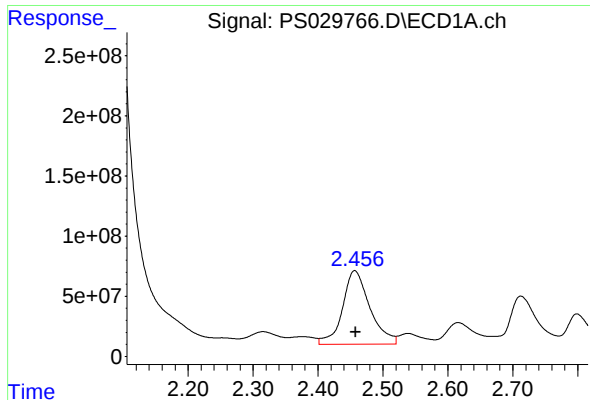
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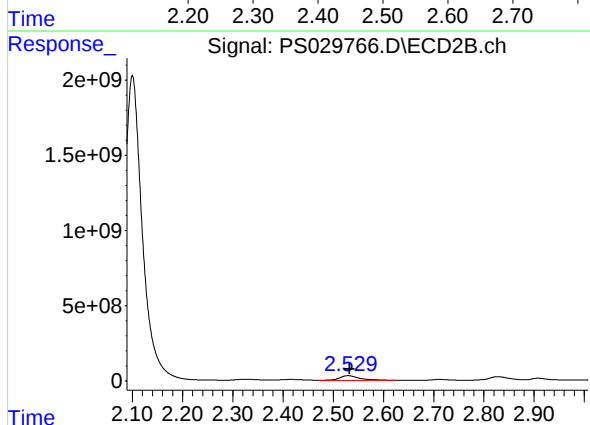
#1 Dalapon

R.T.: 2.457 min
Delta R.T.: -0.001 min
Response: 1791818822
Conc: 528.19 ng/ml

Instrument :
ECD_S
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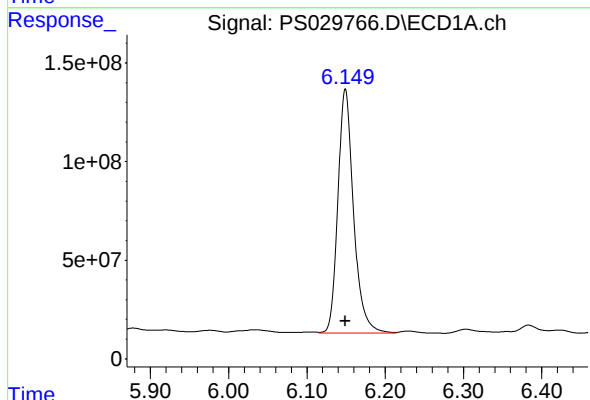
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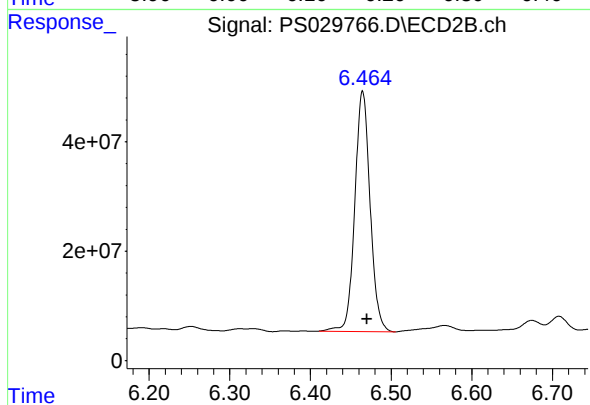
#1 Dalapon

R.T.: 2.530 min
Delta R.T.: -0.004 min
Response: 950609081
Conc: 598.77 ng/ml



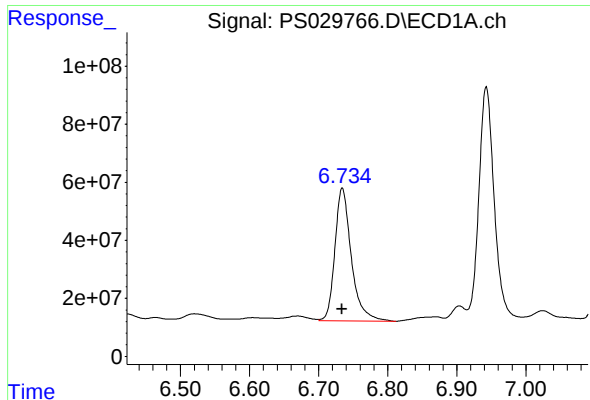
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 1723574827
Conc: 573.04 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.465 min
Delta R.T.: -0.006 min
Response: 579500876
Conc: 600.17 ng/ml



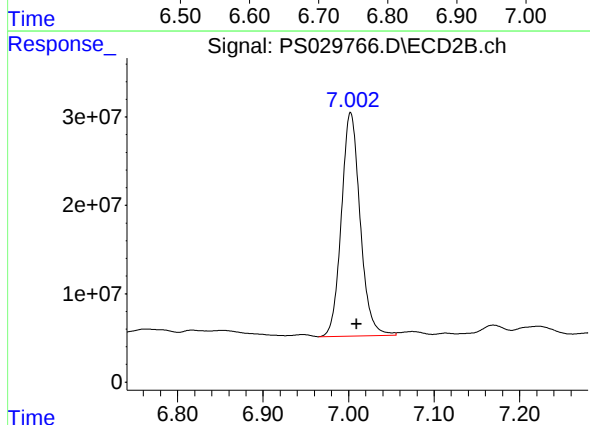
#3 4-Nitrophenol

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 754136855
Conc: 536.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
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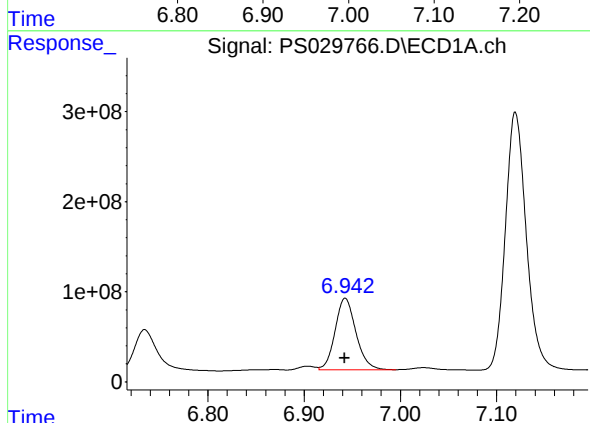
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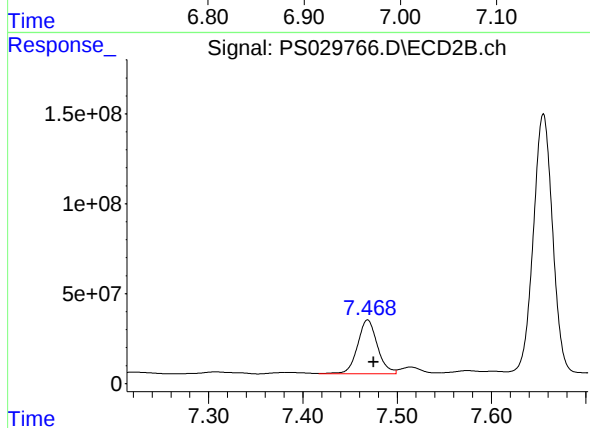
#3 4-Nitrophenol

R.T.: 7.002 min
Delta R.T.: -0.007 min
Response: 384639125
Conc: 542.51 ng/ml



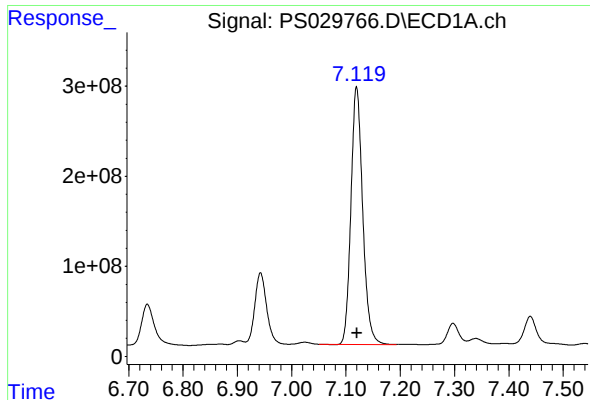
#4 2,4-DCAA

R.T.: 6.943 min
Delta R.T.: 0.000 min
Response: 1200118236
Conc: 588.63 ng/ml



#4 2,4-DCAA

R.T.: 7.469 min
Delta R.T.: -0.006 min
Response: 439837682
Conc: 645.38 ng/ml



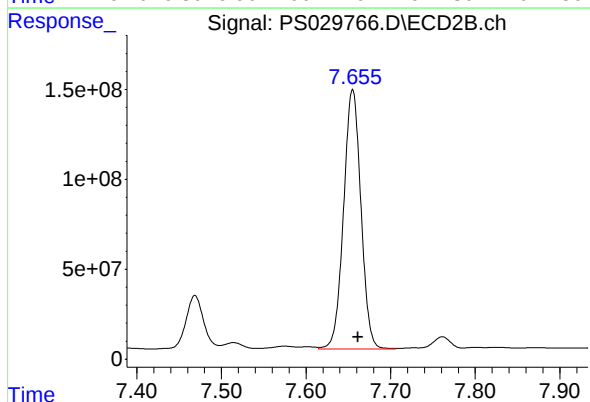
#5 DICAMBA

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 4299320870
Conc: 516.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-LIQUID-20250404MS

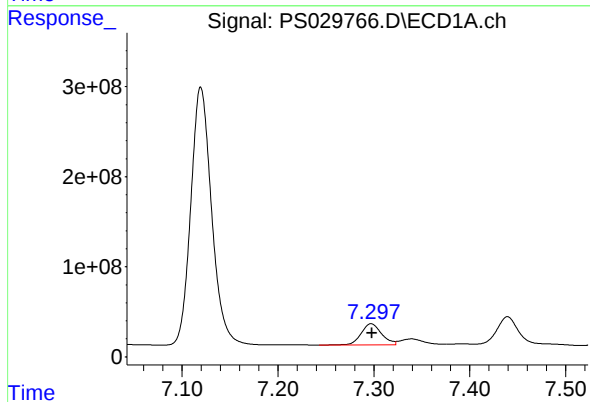
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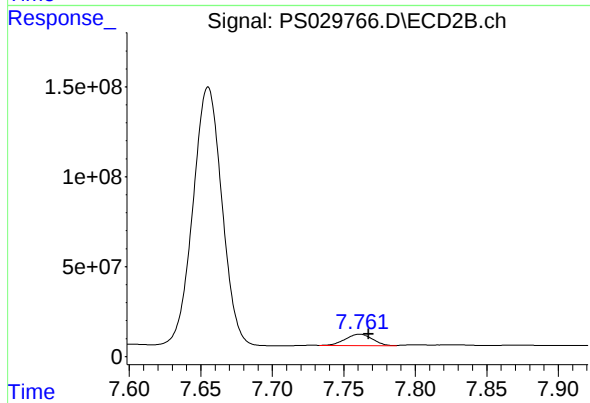
#5 DICAMBA

R.T.: 7.655 min
Delta R.T.: -0.007 min
Response: 2056032420
Conc: 556.68 ng/ml



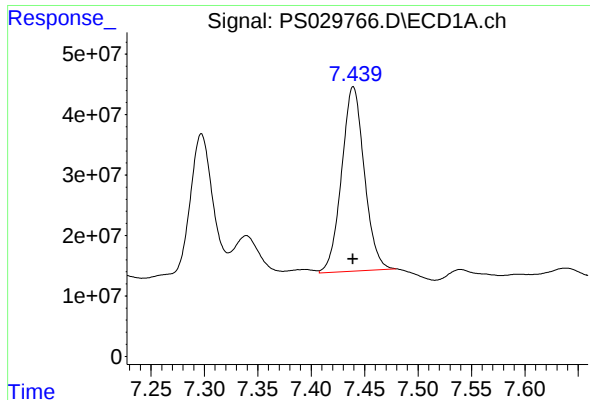
#6 MCPP

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 348866517
Conc: 64.37 ug/ml



#6 MCPP

R.T.: 7.761 min
Delta R.T.: -0.007 min
Response: 83841621
Conc: 49.66 ug/ml m



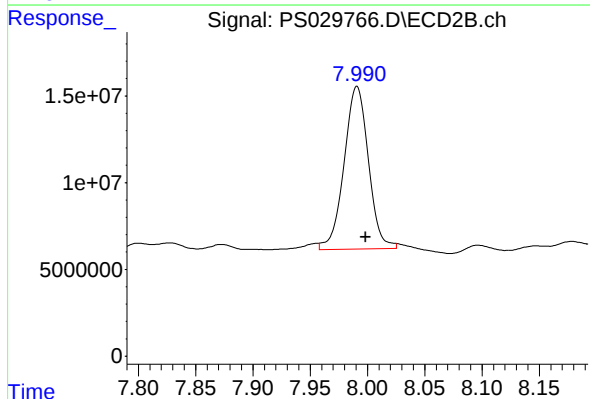
#7 MCPA

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 450686737
Conc: 62.00 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-LIQUID-20250404MS

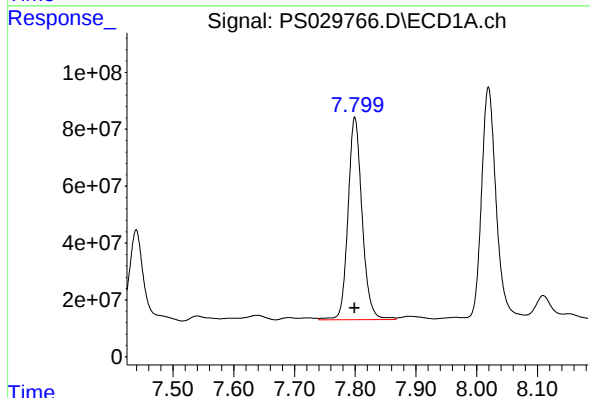
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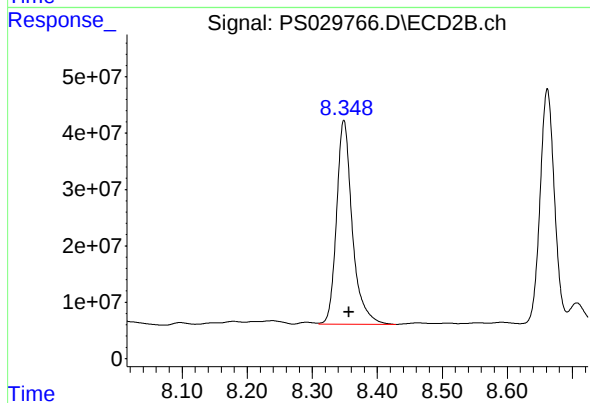
#7 MCPA

R.T.: 7.990 min
Delta R.T.: -0.008 min
Response: 138095913
Conc: 60.69 ug/ml



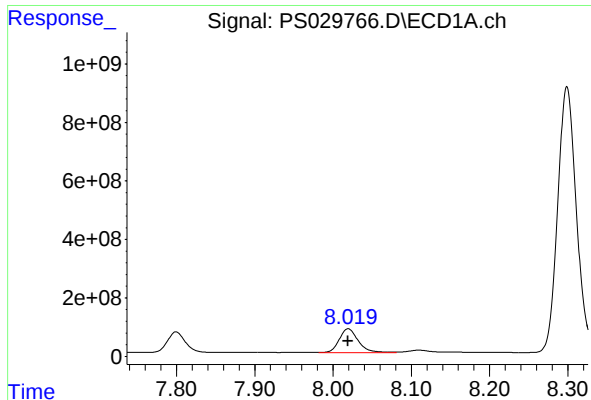
#8 DICHLORPROP

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 1149288613
Conc: 522.54 ng/ml



#8 DICHLORPROP

R.T.: 8.349 min
Delta R.T.: -0.008 min
Response: 609047549
Conc: 630.38 ng/ml



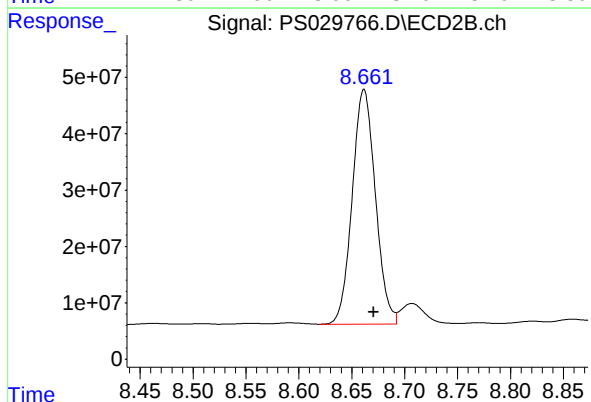
#9 2,4-D

R.T.: 8.019 min
Delta R.T.: 0.000 min
Response: 1378207897
Conc: 571.97 ng/ml

Instrument :
ECD_S
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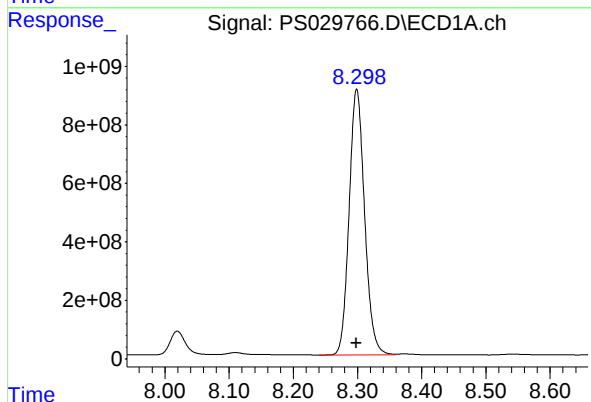
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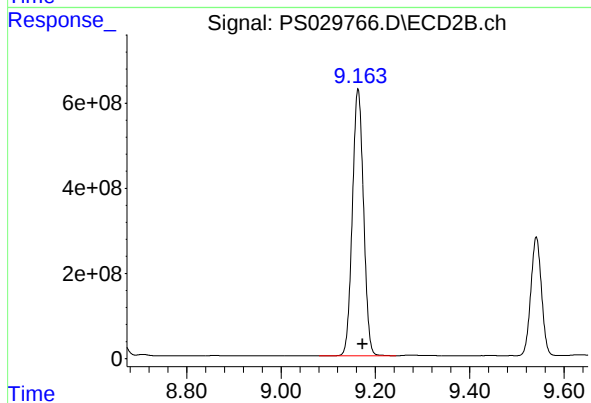
#9 2,4-D

R.T.: 8.662 min
Delta R.T.: -0.009 min
Response: 634309901
Conc: 588.16 ng/ml



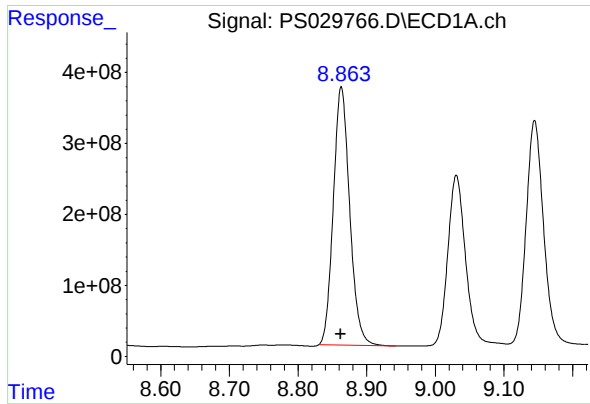
#10 Pentachlorophenol

R.T.: 8.299 min
Delta R.T.: 0.000 min
Response: 15184366248
Conc: 499.40 ng/ml



#10 Pentachlorophenol

R.T.: 9.163 min
Delta R.T.: -0.010 min
Response: 10303615830
Conc: 574.73 ng/ml



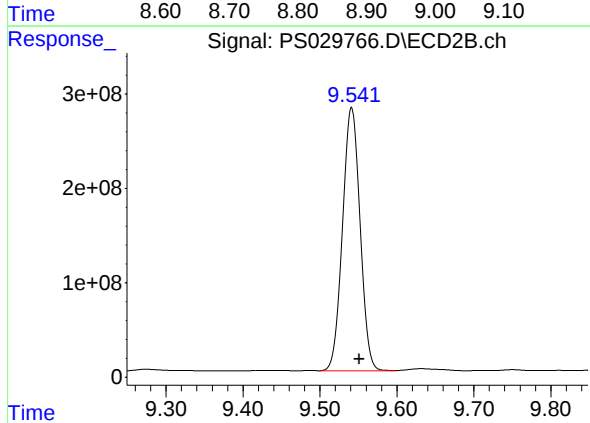
#11 2,4,5-TP (SILVEX)

R.T.: 8.863 min
Delta R.T.: 0.001 min
Response: 6022433635
Conc: 518.49 ng/ml

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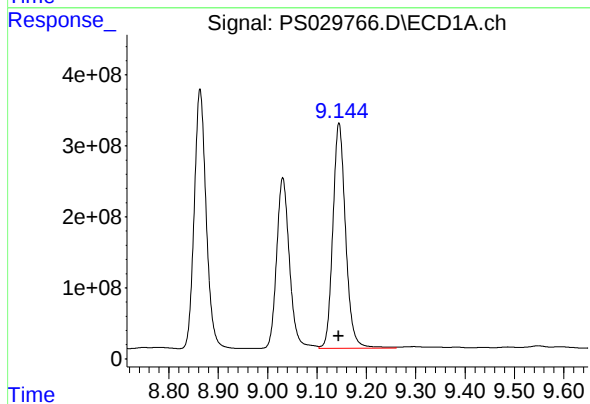
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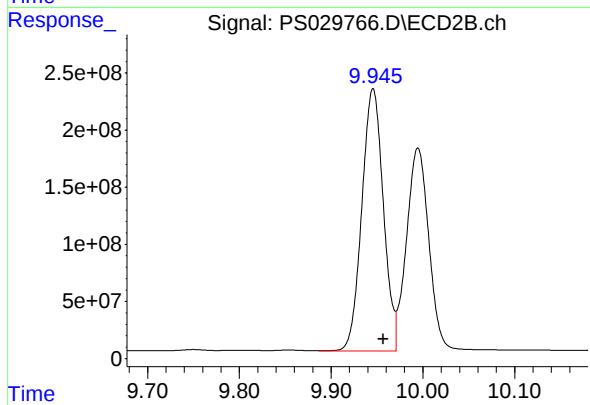
#11 2,4,5-TP (SILVEX)

R.T.: 9.541 min
Delta R.T.: -0.010 min
Response: 4374786600
Conc: 606.52 ng/ml



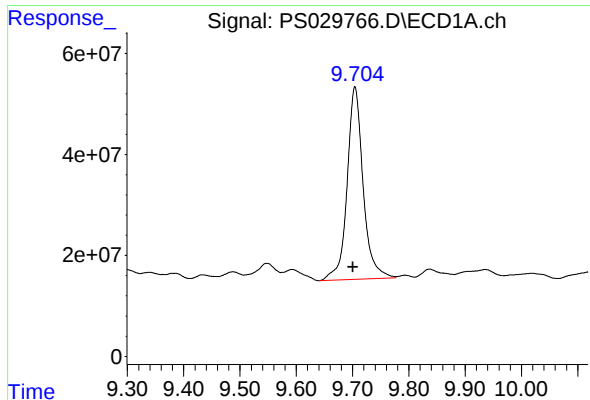
#12 2,4,5-T

R.T.: 9.145 min
Delta R.T.: 0.000 min
Response: 5691014129
Conc: 494.68 ng/ml



#12 2,4,5-T

R.T.: 9.946 min
Delta R.T.: -0.011 min
Response: 3737244168
Conc: 557.56 ng/ml



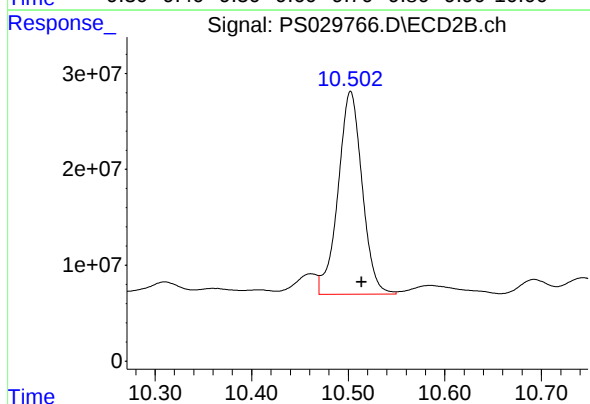
#13 2,4-DB

R.T.: 9.704 min
Delta R.T.: 0.003 min
Response: 754518798
Conc: 415.31 ng/ml

Instrument :
ECD_S
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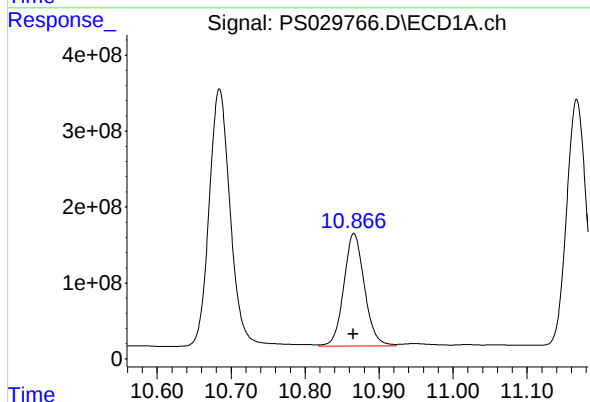
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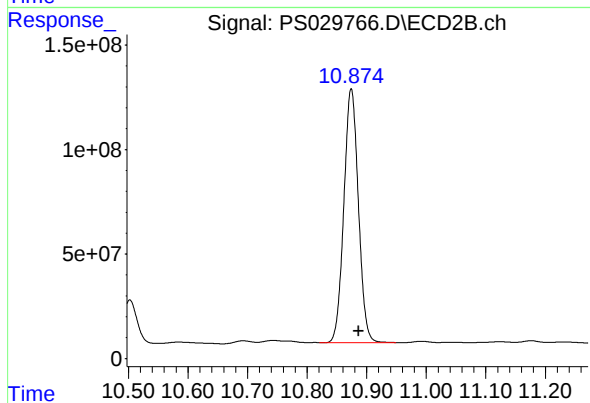
#13 2,4-DB

R.T.: 10.502 min
Delta R.T.: -0.012 min
Response: 366376780
Conc: 493.79 ng/ml



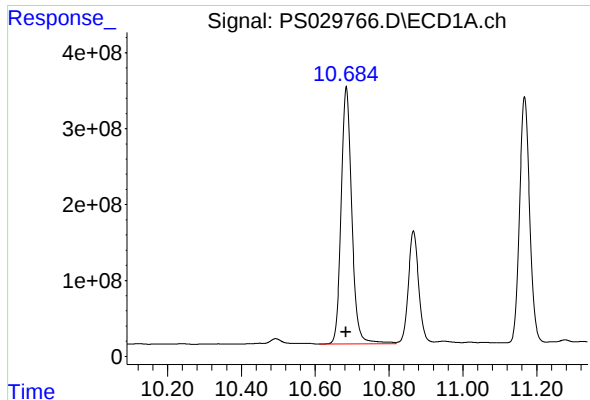
#14 DINOSEB

R.T.: 10.866 min
Delta R.T.: 0.001 min
Response: 2867840191
Conc: 339.71 ng/ml



#14 DINOSEB

R.T.: 10.874 min
Delta R.T.: -0.012 min
Response: 2055289549
Conc: 401.99 ng/ml



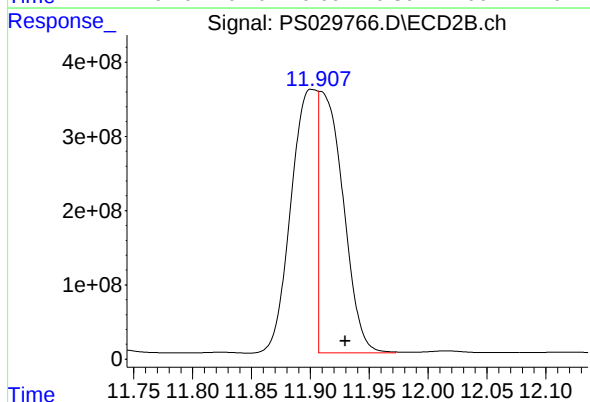
#15 Picloram

R.T.: 10.684 min
Delta R.T.: 0.001 min
Response: 6786114851
Conc: 437.80 ng/ml

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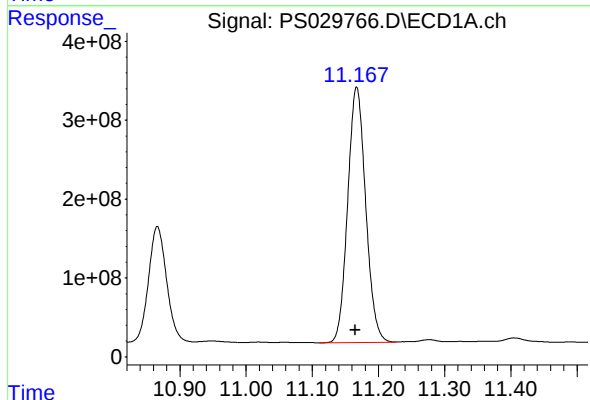
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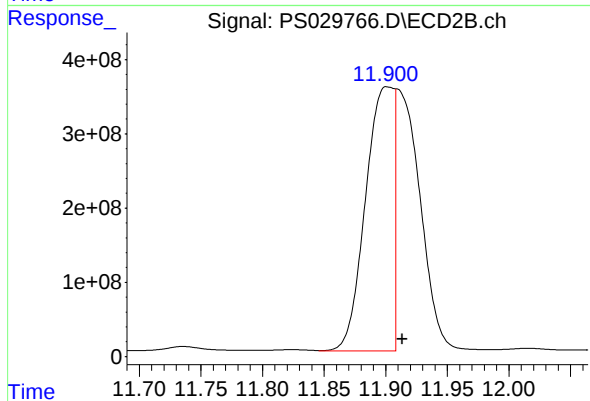
#15 Picloram

R.T.: 11.907 min
Delta R.T.: -0.023 min
Response: 4984795775
Conc: 421.57 ng/ml m



#16 DCPA

R.T.: 11.167 min
Delta R.T.: 0.002 min
Response: 6116322666
Conc: 437.94 ng/ml



#16 DCPA

R.T.: 11.900 min
Delta R.T.: -0.014 min
Response: 5627667636
Conc: 635.85 ng/ml m