

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052325\
 Data File : PS030382.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2025 16:52
 Operator : AR\AJ
 Sample : PB168137BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168137BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/27/2025
 Supervised By :mohammad ahmed 05/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 22:33:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.928	7.445	1451.0E6	348.4E6	509.513	435.331
Target Compounds							
1) T	Dalapon	2.442	2.514	2136.5E6	1507.8E6	434.663	742.393 #
2) T	3,5-DICHL...	6.133	6.446	2113.8E6	519.9E6	506.838	445.920
3) T	4-Nitroph...	6.718	6.980	875.5E6	401.4E6	423.842	384.489
5) T	DICAMBA	7.104	7.629	5133.4E6	2125.4E6	444.167	449.539
6) T	MCPD	7.282	7.737	321.3E6	70446839	44.112m	38.291
7) T	MCPA	7.424	7.965	438.6E6	112.7E6	42.246	42.737
8) T	DICHLORPROP	7.783	8.321	1441.3E6	620.8E6	493.364	525.429
9) T	2,4-D	8.003	8.633	1805.4E6	660.7E6	550.599	511.990
10) T	Pentachlo...	8.280	9.132	21312.5E6	12267.0E6	526.224	496.943
11) T	2,4,5-TP ...	8.843	9.509	8115.6E6	4954.7E6	501.089	502.994
12) T	2,4,5-T	9.125	9.913	8157.5E6	4320.5E6	493.937	469.437
13) T	2,4-DB	9.683	10.470	1390.2E6	398.6E6	532.689	401.701m
14) T	DINOSEB	10.842	10.844	5066.7E6	2789.8E6	443.037	408.342
15) T	Picloram	10.663	11.876	8363.7E6	5941.6E6	391.064	422.193m
16) T	DCPA	11.144	11.874	9564.4E6	4948.9E6	480.348	366.302m

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

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Operator : AR\AJ
Sample : PB168137BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

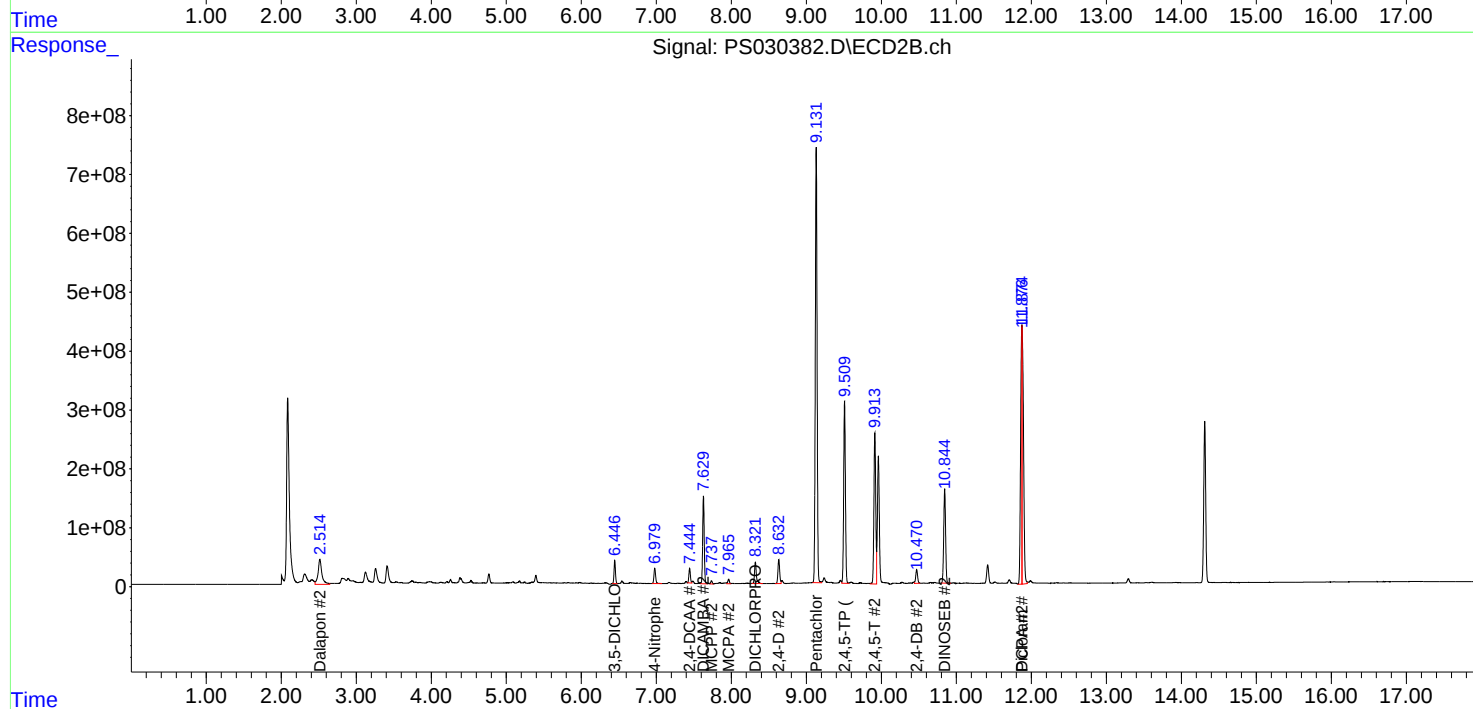
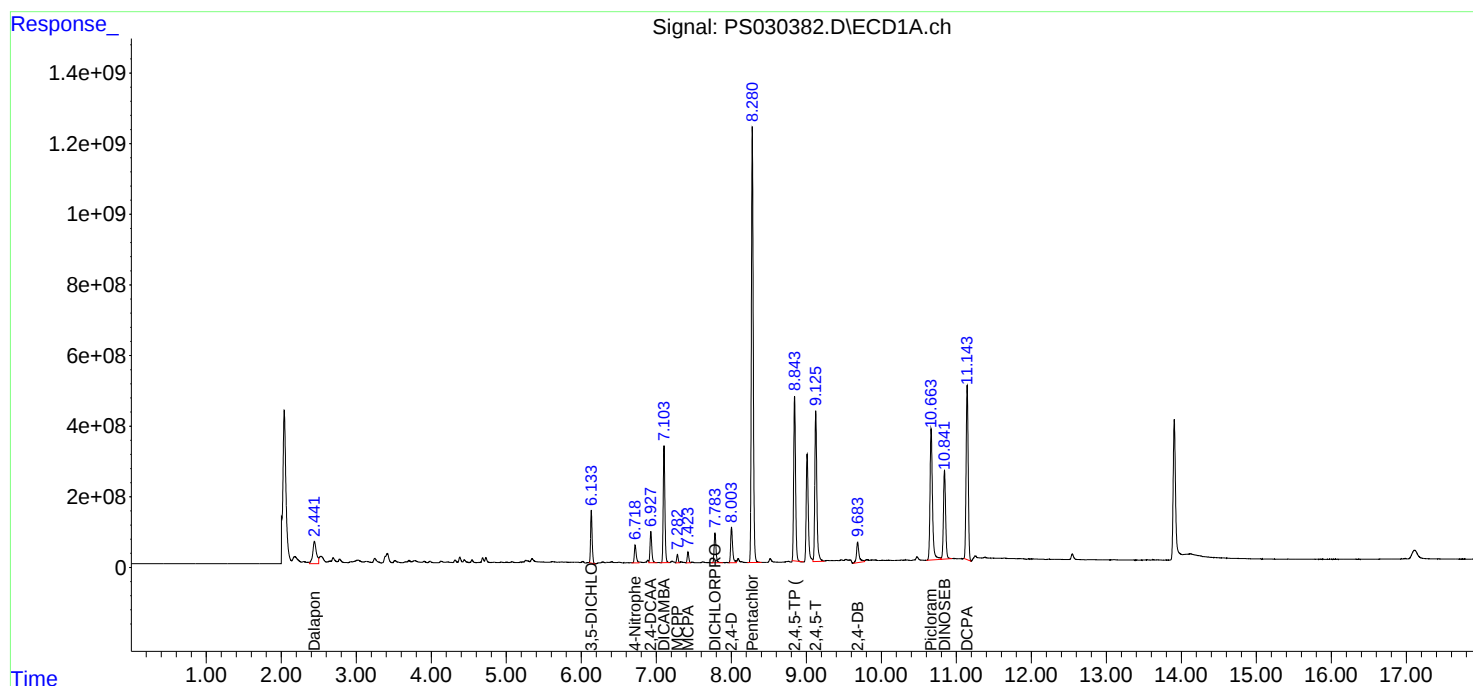
Instrument :
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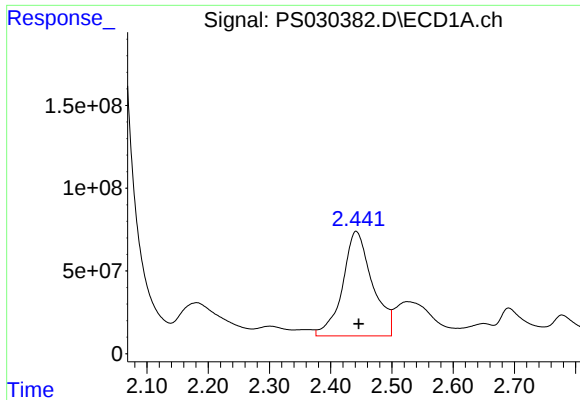
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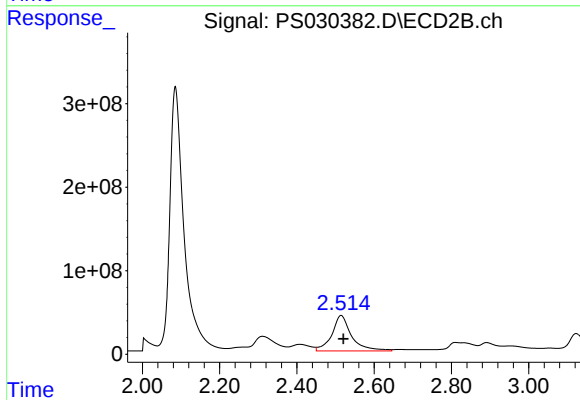
#1 Dalapon

R.T.: 2.442 min
Delta R.T.: -0.005 min
Response: 2136522842
Conc: 434.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168137BS

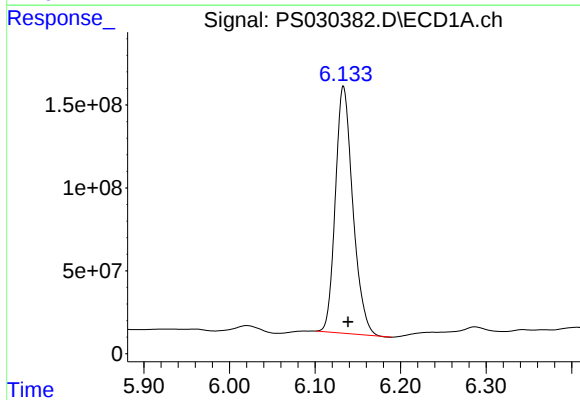
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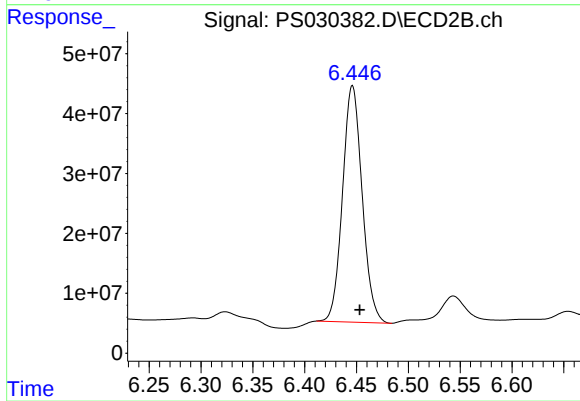
#1 Dalapon

R.T.: 2.514 min
Delta R.T.: -0.006 min
Response: 1507838304
Conc: 742.39 ng/ml



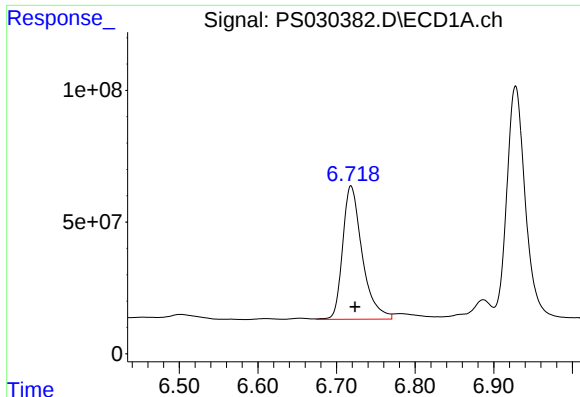
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.133 min
Delta R.T.: -0.005 min
Response: 2113794312
Conc: 506.84 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.446 min
Delta R.T.: -0.007 min
Response: 519867160
Conc: 445.92 ng/ml



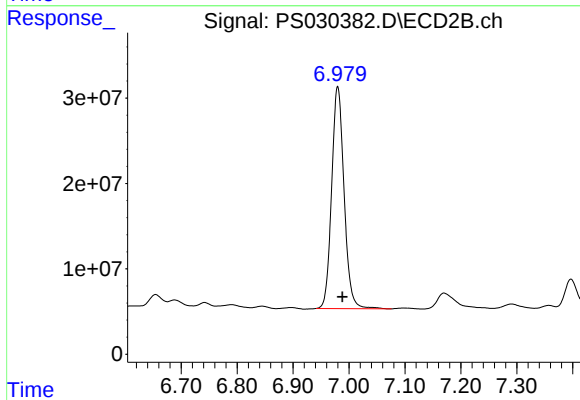
#3 4-Nitrophenol

R.T.: 6.718 min
Delta R.T.: -0.005 min
Response: 875493907
Conc: 423.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168137BS

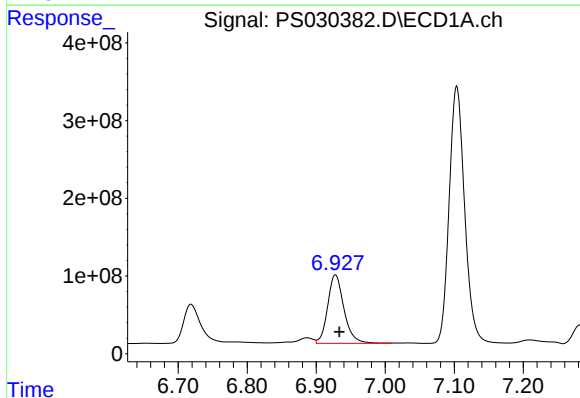
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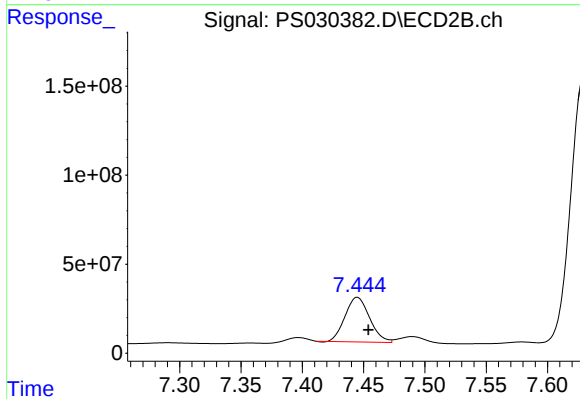
#3 4-Nitrophenol

R.T.: 6.980 min
Delta R.T.: -0.009 min
Response: 401418700
Conc: 384.49 ng/ml



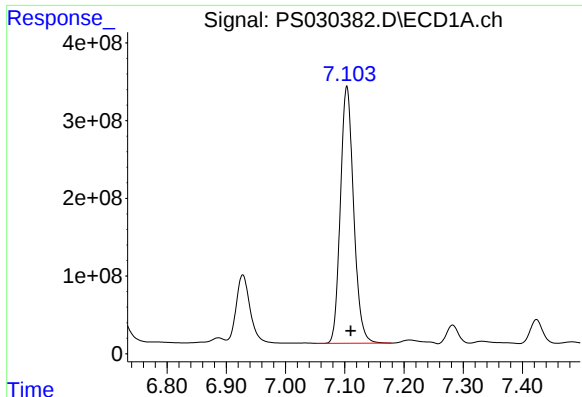
#4 2,4-DCAA

R.T.: 6.928 min
Delta R.T.: -0.006 min
Response: 1450994334
Conc: 509.51 ng/ml



#4 2,4-DCAA

R.T.: 7.445 min
Delta R.T.: -0.009 min
Response: 348353702
Conc: 435.33 ng/ml



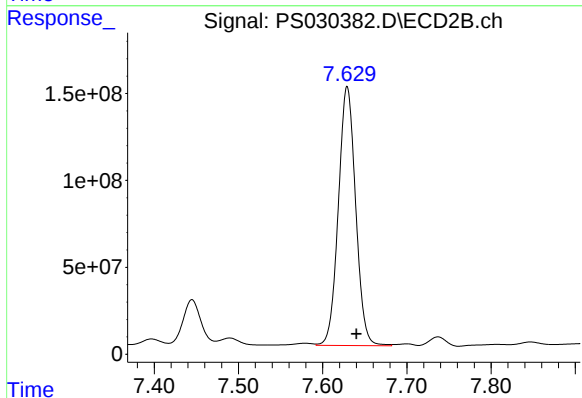
#5 DICAMBA

R.T.: 7.104 min
Delta R.T.: -0.007 min
Response: 5133401464
Conc: 444.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168137BS

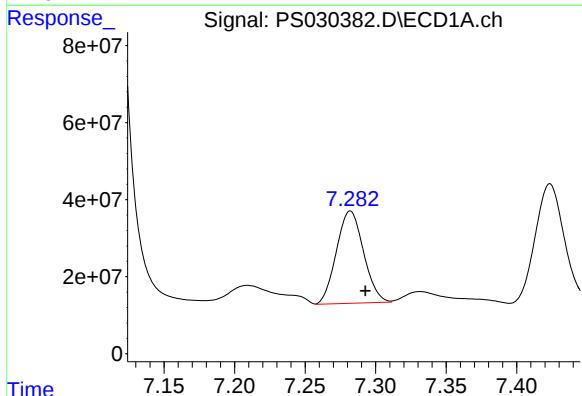
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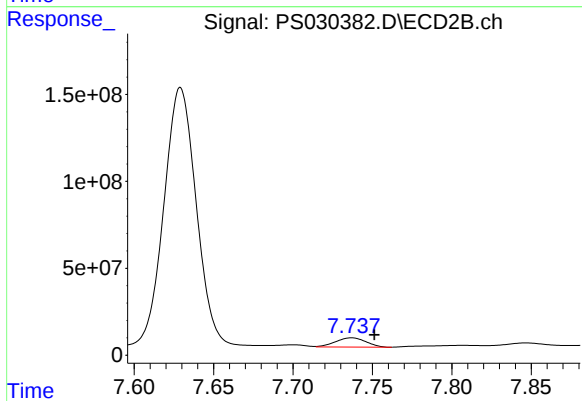
#5 DICAMBA

R.T.: 7.629 min
Delta R.T.: -0.011 min
Response: 2125410008
Conc: 449.54 ng/ml



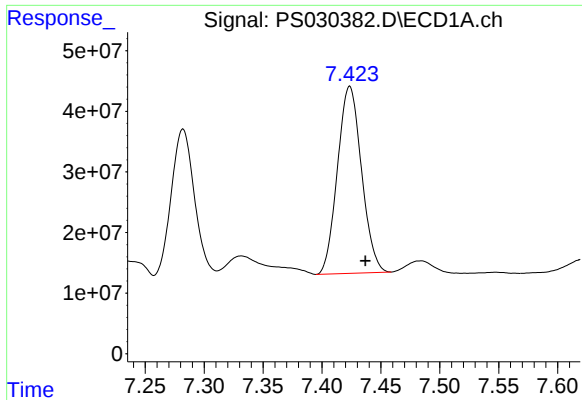
#6 MCPP

R.T.: 7.282 min
Delta R.T.: -0.011 min
Response: 321256723
Conc: 44.11 ug/ml m



#6 MCPP

R.T.: 7.737 min
Delta R.T.: -0.014 min
Response: 70446839
Conc: 38.29 ug/ml



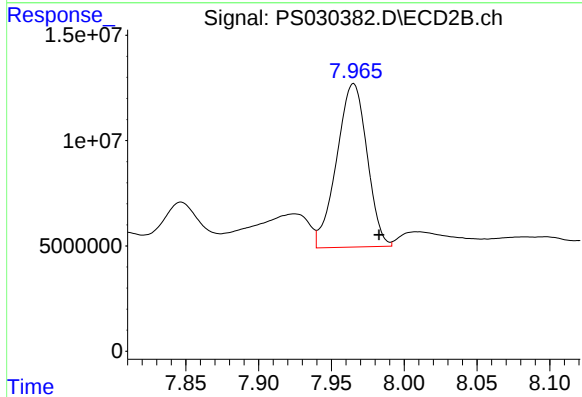
#7 MCPA

R.T.: 7.424 min
Delta R.T.: -0.013 min
Response: 438551523
Conc: 42.25 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168137BS

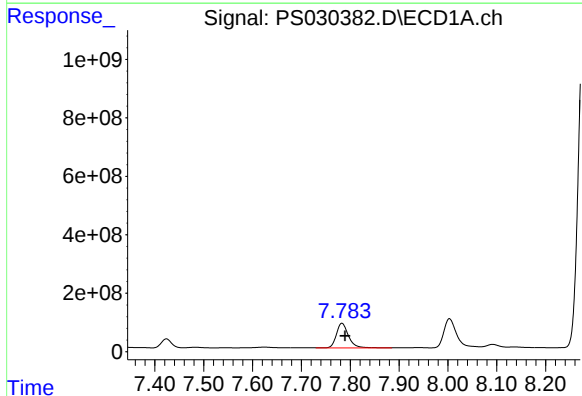
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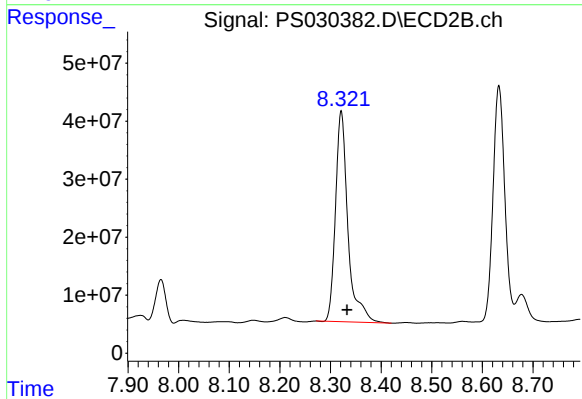
#7 MCPA

R.T.: 7.965 min
Delta R.T.: -0.018 min
Response: 112727324
Conc: 42.74 ug/ml



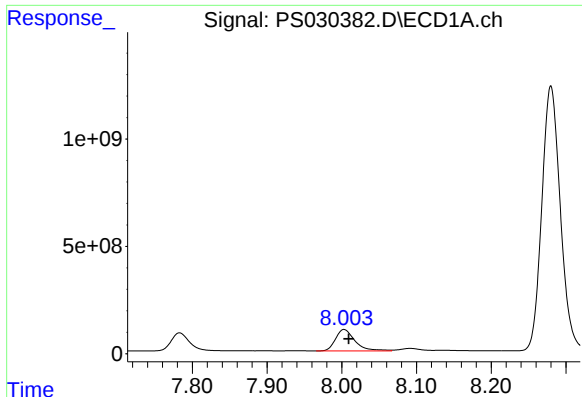
#8 DICHLORPROP

R.T.: 7.783 min
Delta R.T.: -0.006 min
Response: 1441287665
Conc: 493.36 ng/ml



#8 DICHLORPROP

R.T.: 8.321 min
Delta R.T.: -0.012 min
Response: 620758896
Conc: 525.43 ng/ml



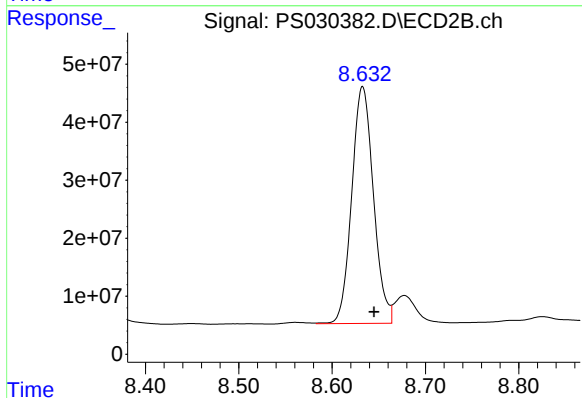
#9 2,4-D

R.T.: 8.003 min
Delta R.T.: -0.006 min
Response: 1805379431
Conc: 550.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168137BS

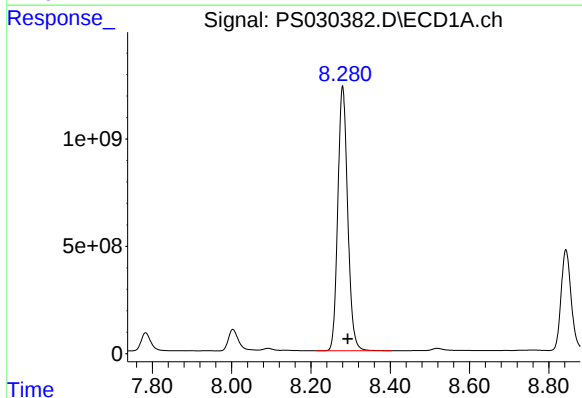
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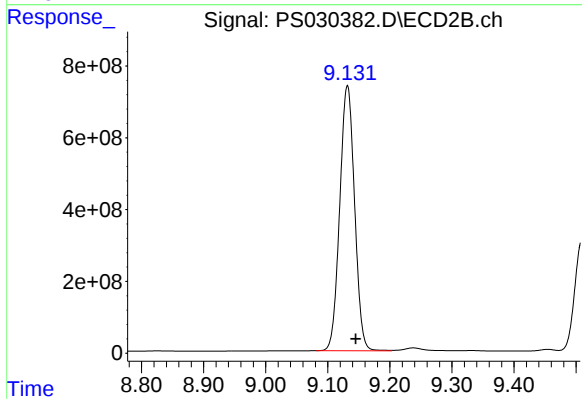
#9 2,4-D

R.T.: 8.633 min
Delta R.T.: -0.012 min
Response: 660723784
Conc: 511.99 ng/ml



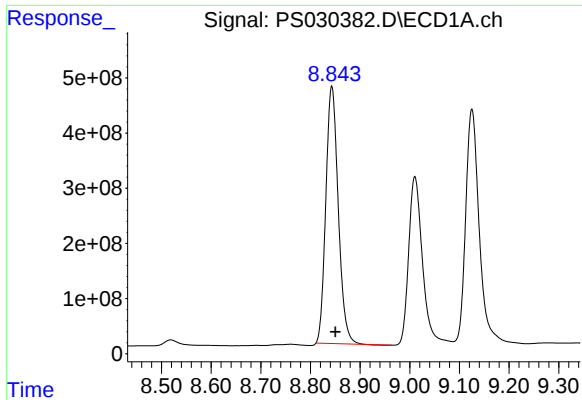
#10 Pentachlorophenol

R.T.: 8.280 min
Delta R.T.: -0.013 min
Response: 21312489171
Conc: 526.22 ng/ml



#10 Pentachlorophenol

R.T.: 9.132 min
Delta R.T.: -0.013 min
Response: 12267014089
Conc: 496.94 ng/ml



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

R.T.: 8.843 min
Delta R.T.: -0.008 min
Response: 8115639558
Conc: 501.09 ng/ml

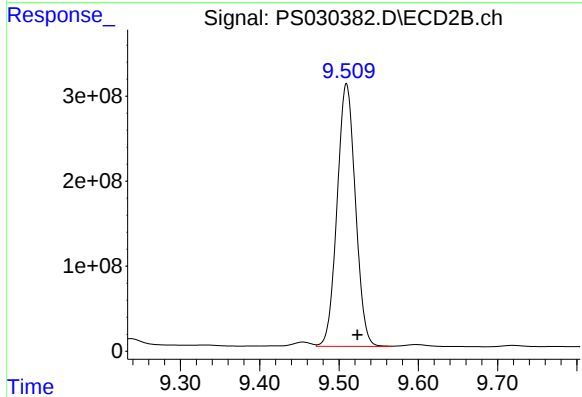
Instrument :

ECD_S

ClientSampleId :
PB168137BS

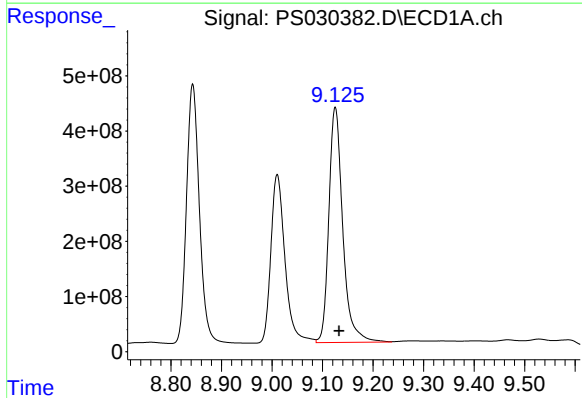
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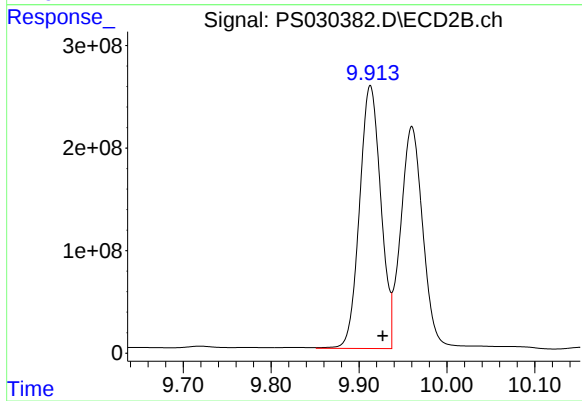
#11 2,4,5-TP (SILVEX)

R.T.: 9.509 min
Delta R.T.: -0.014 min
Response: 4954708158
Conc: 502.99 ng/ml



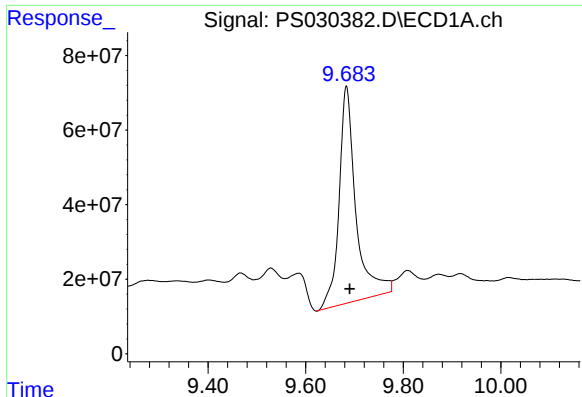
#12 2,4,5-T

R.T.: 9.125 min
Delta R.T.: -0.008 min
Response: 8157464733
Conc: 493.94 ng/ml



#12 2,4,5-T

R.T.: 9.913 min
Delta R.T.: -0.014 min
Response: 4320514007
Conc: 469.44 ng/ml



#13 2,4-DB

R.T.: 9.683 min
Delta R.T.: -0.007 min
Response: 1390197796
Conc: 532.69 ng/ml

Instrument :

ECD_S

ClientSampleId :

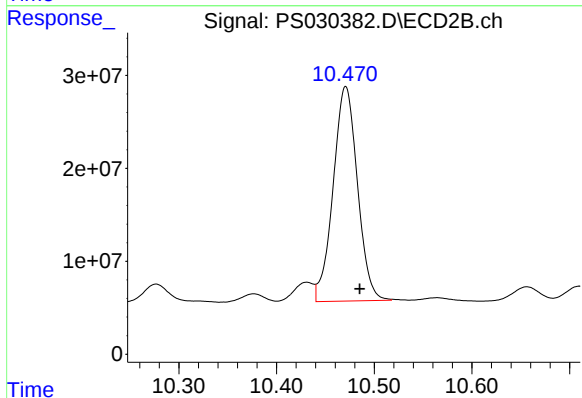
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Manual Integrations

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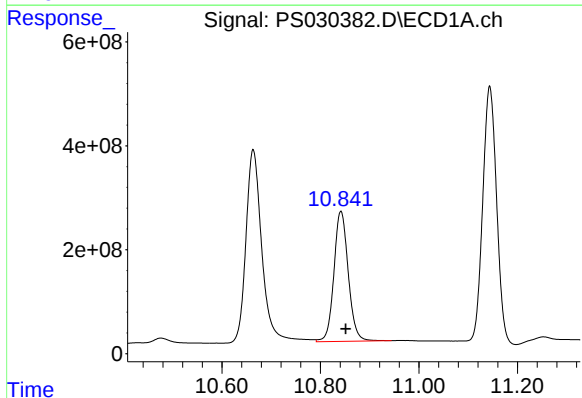
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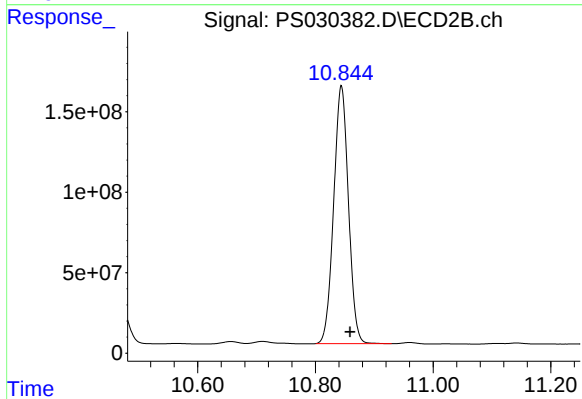
#13 2,4-DB

R.T.: 10.470 min
Delta R.T.: -0.015 min
Response: 398636846
Conc: 401.70 ng/ml m



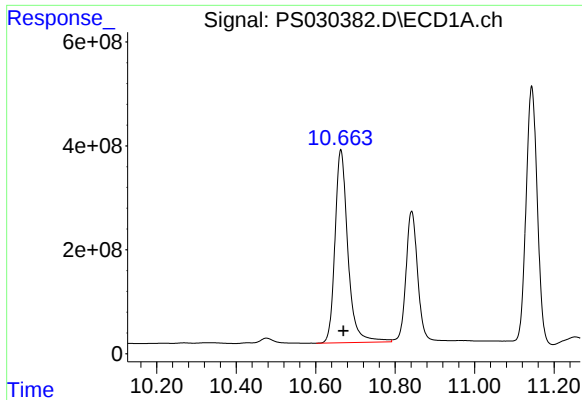
#14 DINOSEB

R.T.: 10.842 min
Delta R.T.: -0.010 min
Response: 5066730762
Conc: 443.04 ng/ml



#14 DINOSEB

R.T.: 10.844 min
Delta R.T.: -0.015 min
Response: 2789783970
Conc: 408.34 ng/ml



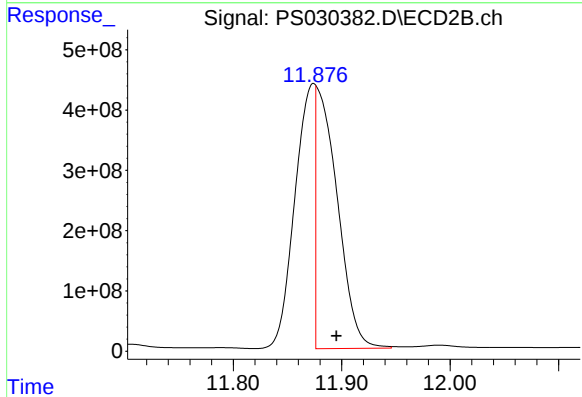
#15 Picloram

R.T.: 10.663 min
Delta R.T.: -0.007 min
Response: 8363677053
Conc: 391.06 ng/ml

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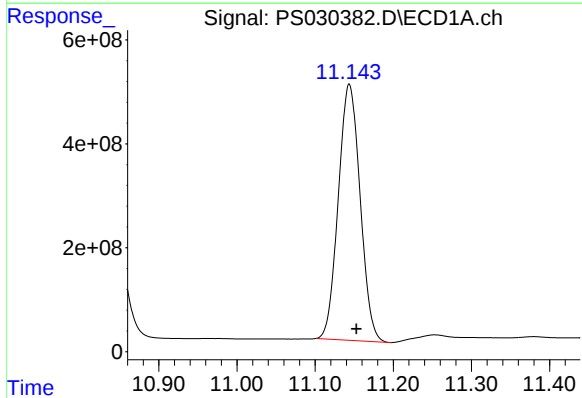
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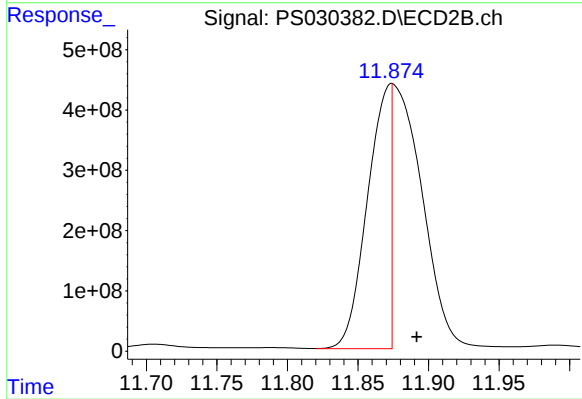
#15 Picloram

R.T.: 11.876 min
Delta R.T.: -0.019 min
Response: 5941578666
Conc: 422.19 ng/ml m



#16 DCPA

R.T.: 11.144 min
Delta R.T.: -0.009 min
Response: 9564436705
Conc: 480.35 ng/ml



#16 DCPA

R.T.: 11.874 min
Delta R.T.: -0.018 min
Response: 4948927636
Conc: 366.30 ng/ml m