

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042125\
 Data File : PS029876.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2025 16:53
 Operator : AR\AJ
 Sample : PB167675BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167675BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/22/2025
 Supervised By : mohammad ahmed 04/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 22:42:59 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 x 0.5 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	1088.6E6	355.0E6	533.948	520.968
Target Compounds							
1) T	Dalapon	2.453	2.529	1798.8E6	756.4E6	530.241	476.461
2) T	3,5-DICHL...	6.149	6.467	1621.0E6	452.3E6	538.951	468.464
3) T	4-Nitroph...	6.734	7.005	752.2E6	340.0E6	535.418	479.571
5) T	DICAMBA	7.121	7.657	4410.6E6	1851.9E6	529.996	501.424
6) T	MCPD	7.298	7.762	259.5E6	73763714	47.874	43.687
7) T	MCPA	7.440	7.993	356.4E6	96442931	49.023m	42.388
8) T	DICHLORPROP	7.801	8.351	1102.9E6	470.3E6	501.456	486.775
9) T	2,4-D	8.021	8.664	1241.6E6	529.1E6	515.257	490.595
10) T	Pentachlo...	8.300	9.167	15947.4E6	9756.3E6	524.499	544.203
11) T	2,4,5-TP ...	8.865	9.546	6302.9E6	3837.7E6	542.633m	532.052
12) T	2,4,5-T	9.147	9.950	6315.5E6	3617.4E6	548.967	539.689
13) T	2,4-DB	9.706	10.510	1047.4E6	366.9E6	576.526	494.480
14) T	DINOSEB	10.870f	10.884	4460.1E6	2639.7E6	528.319	516.287
15) T	Picloram	10.688f	11.923	8150.8E6	5046.4E6	525.848	426.779m
16) T	DCPA	11.170f	11.920	7790.2E6	5054.1E6	557.790	571.040m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042125\
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Acq On : 21 Apr 2025 16:53
Operator : AR\AJ
Sample : PB167675BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

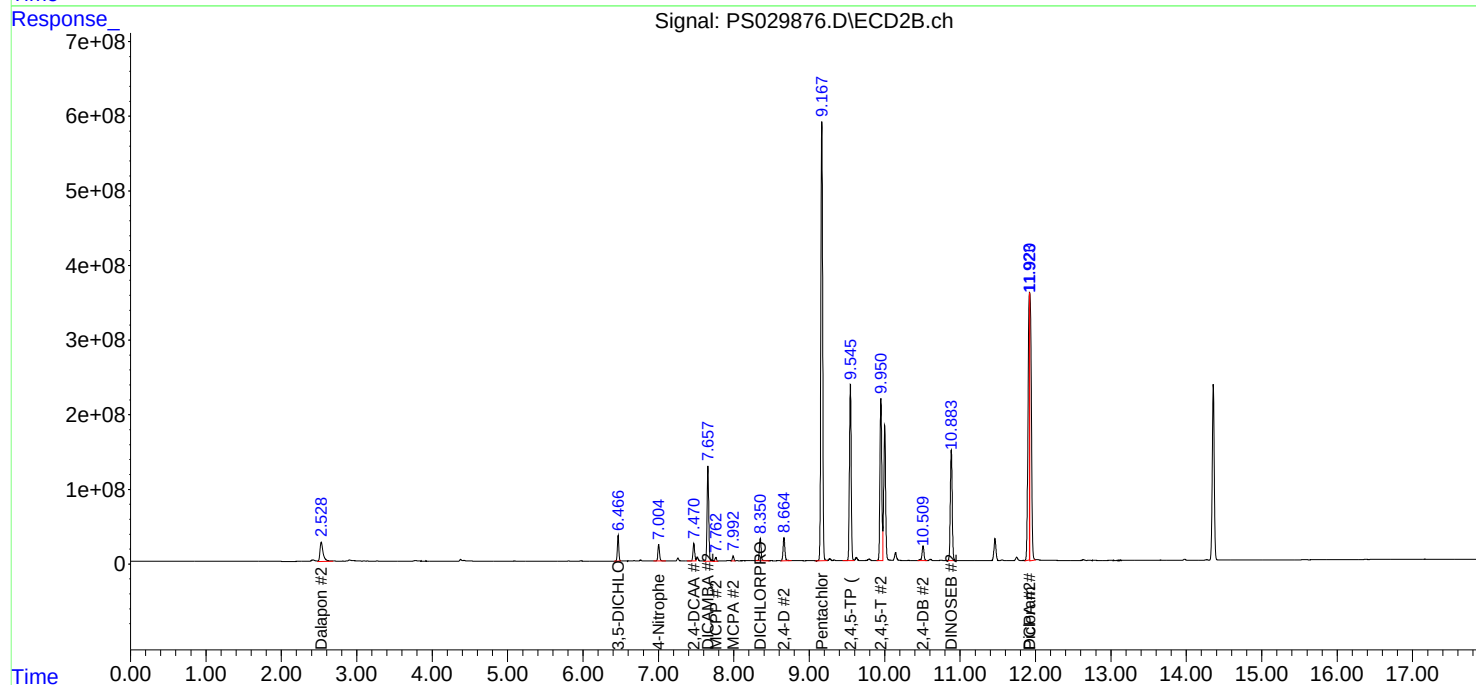
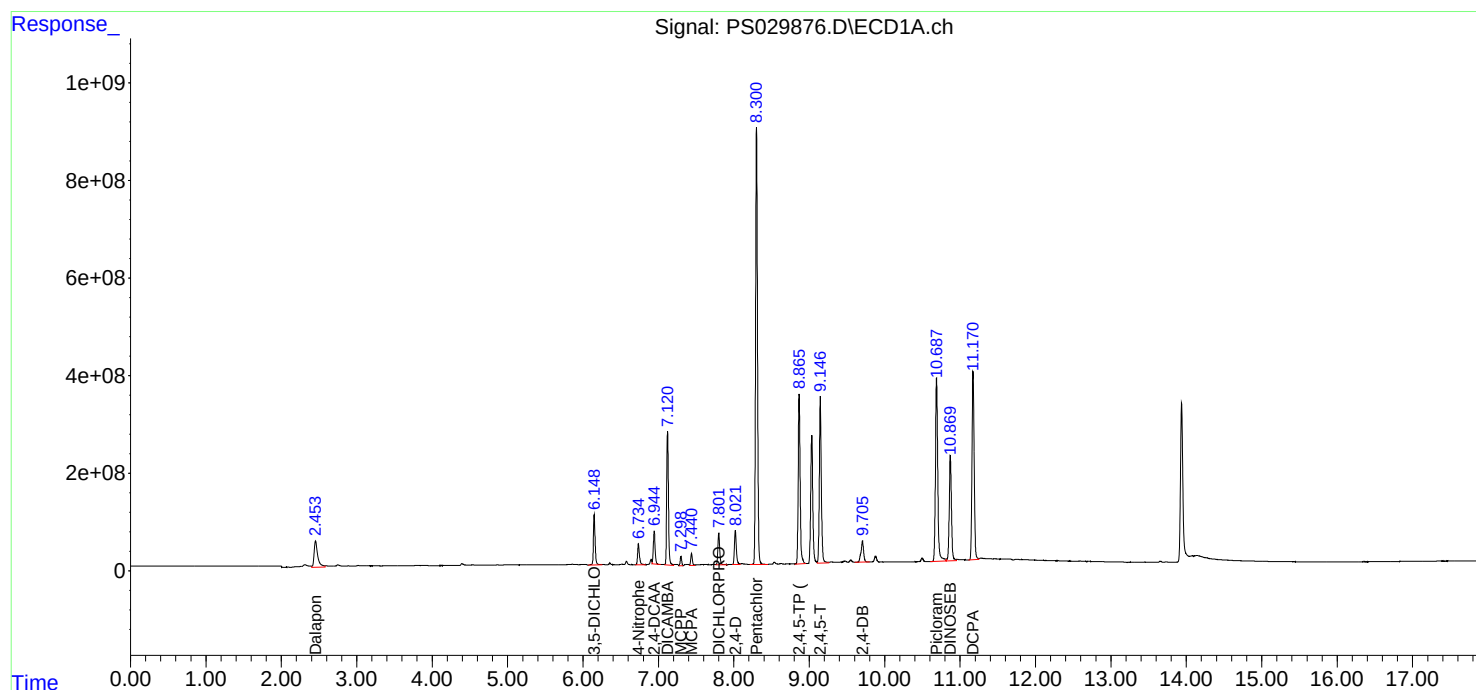
Instrument :
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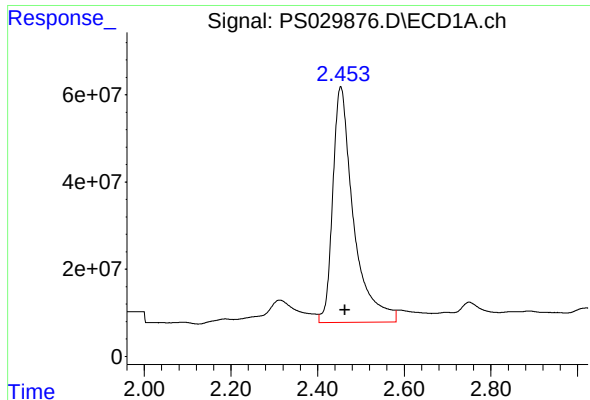
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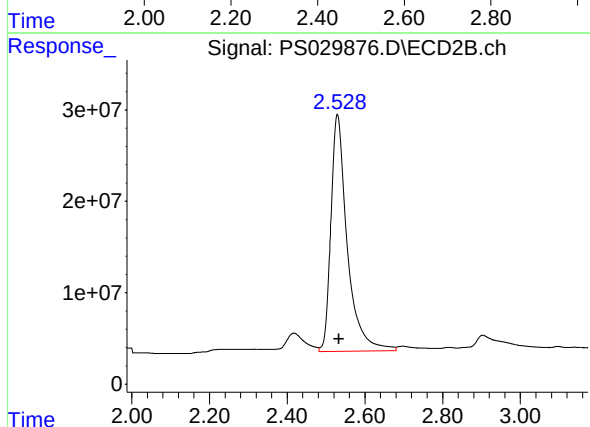
#1 Dalapon

R.T.: 2.453 min
Delta R.T.: -0.010 min
Response: 1798786644
Conc: 530.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167675BS

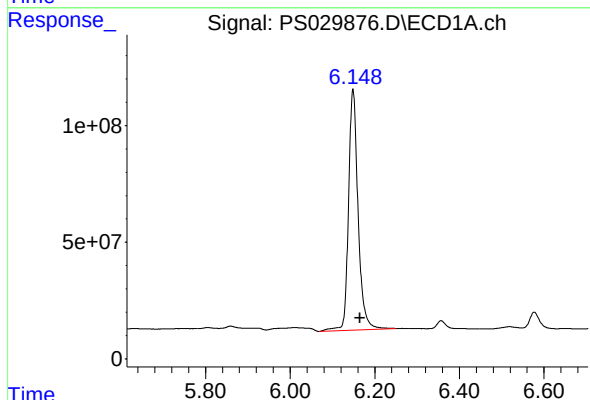
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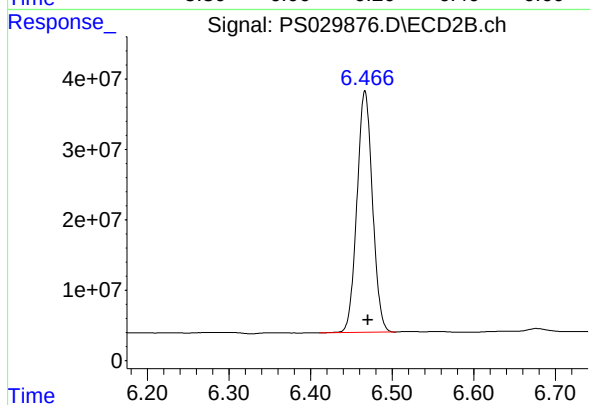
#1 Dalapon

R.T.: 2.529 min
Delta R.T.: -0.004 min
Response: 756427358
Conc: 476.46 ng/ml



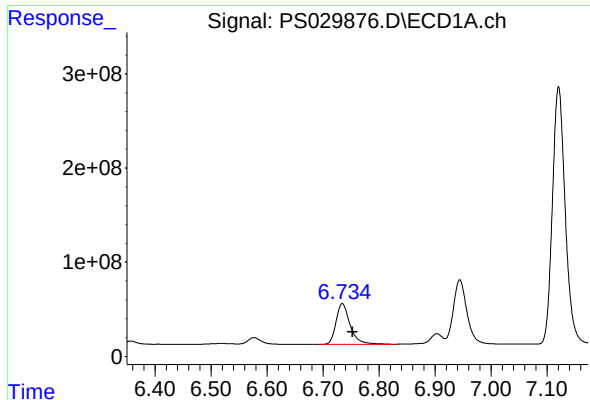
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.149 min
Delta R.T.: -0.016 min
Response: 1621034190
Conc: 538.95 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.467 min
Delta R.T.: -0.004 min
Response: 452329157
Conc: 468.46 ng/ml



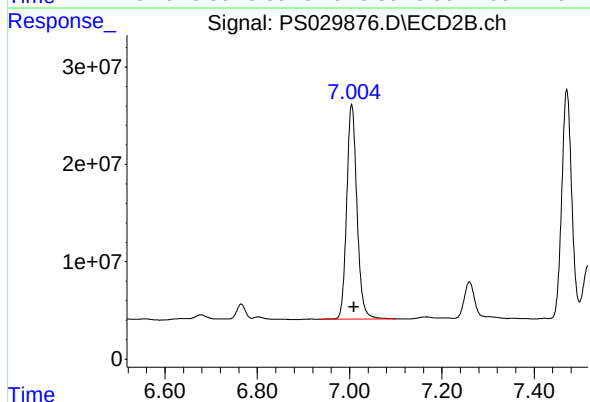
#3 4-Nitrophenol

R.T.: 6.734 min
Delta R.T.: -0.019 min
Response: 752154695
Conc: 535.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167675BS

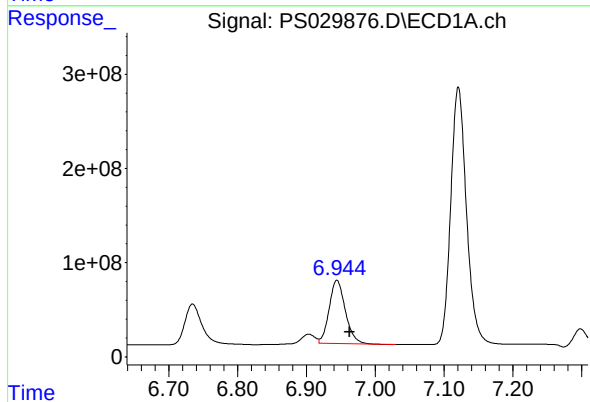
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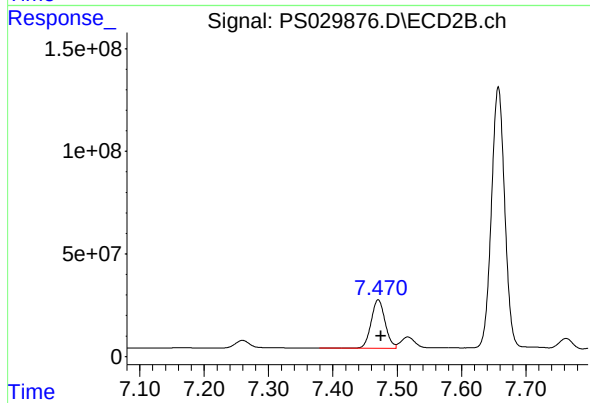
#3 4-Nitrophenol

R.T.: 7.005 min
Delta R.T.: -0.005 min
Response: 340015026
Conc: 479.57 ng/ml



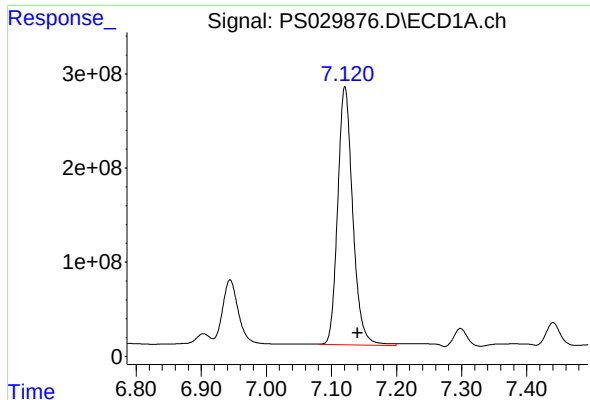
#4 2,4-DCAA

R.T.: 6.944 min
Delta R.T.: -0.018 min
Response: 1088629354
Conc: 533.95 ng/ml



#4 2,4-DCAA

R.T.: 7.471 min
Delta R.T.: -0.004 min
Response: 355046518
Conc: 520.97 ng/ml



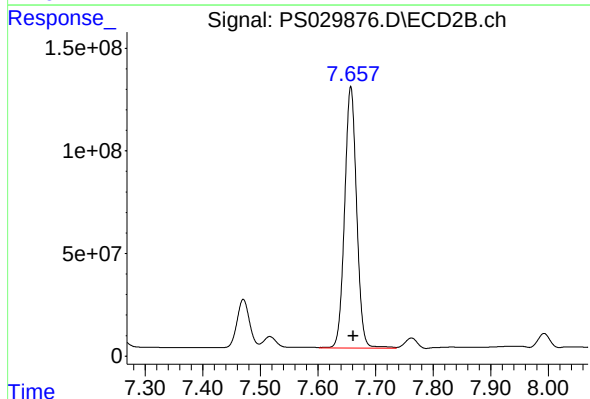
#5 DICAMBA

R.T.: 7.121 min
Delta R.T.: -0.019 min
Response: 4410591961
Conc: 530.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167675BS

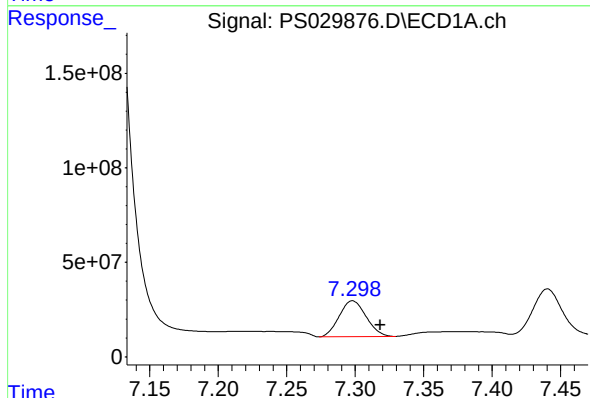
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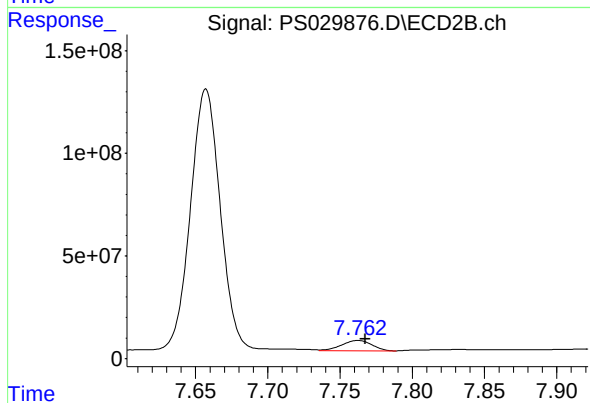
#5 DICAMBA

R.T.: 7.657 min
Delta R.T.: -0.005 min
Response: 1851943617
Conc: 501.42 ng/ml



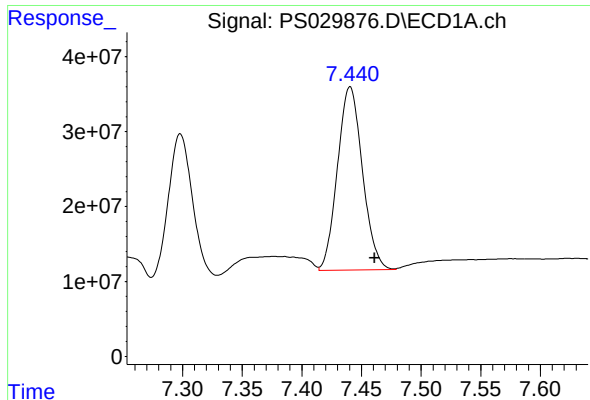
#6 MCPP

R.T.: 7.298 min
Delta R.T.: -0.020 min
Response: 259472275
Conc: 47.87 ug/ml



#6 MCPP

R.T.: 7.762 min
Delta R.T.: -0.005 min
Response: 73763714
Conc: 43.69 ug/ml



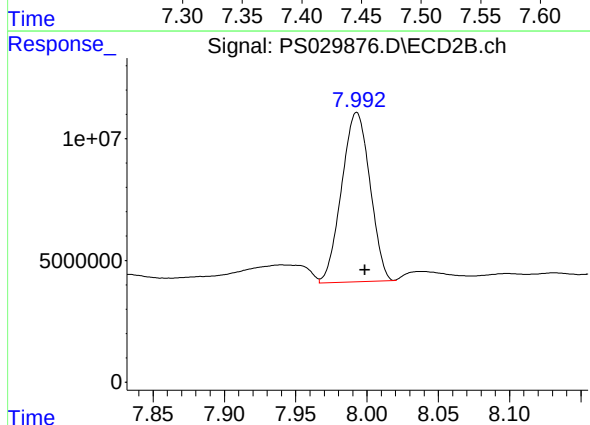
#7 MCPA

R.T.: 7.440 min
Delta R.T.: -0.021 min
Response: 356350002
Conc: 49.02 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167675BS

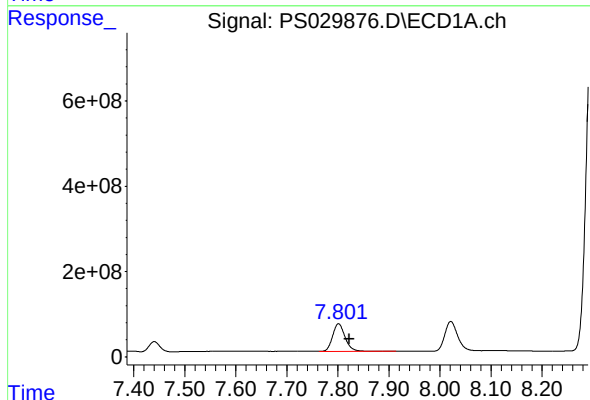
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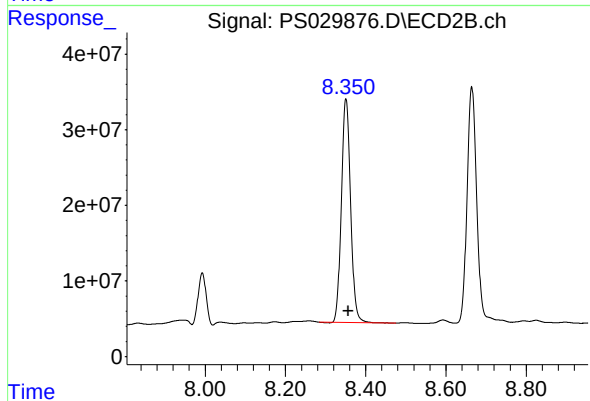
#7 MCPA

R.T.: 7.993 min
Delta R.T.: -0.006 min
Response: 96442931
Conc: 42.39 ug/ml



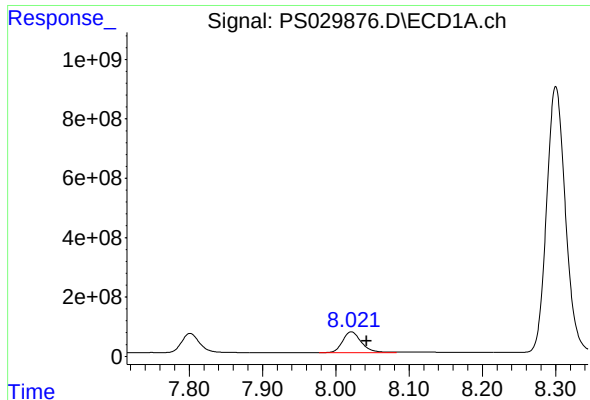
#8 DICHLORPROP

R.T.: 7.801 min
Delta R.T.: -0.021 min
Response: 1102920405
Conc: 501.46 ng/ml



#8 DICHLORPROP

R.T.: 8.351 min
Delta R.T.: -0.006 min
Response: 470299065
Conc: 486.78 ng/ml



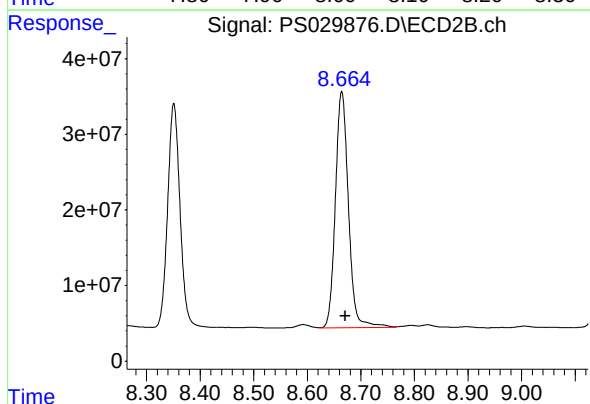
#9 2,4-D

R.T.: 8.021 min
Delta R.T.: -0.021 min
Response: 1241558971
Conc: 515.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167675BS

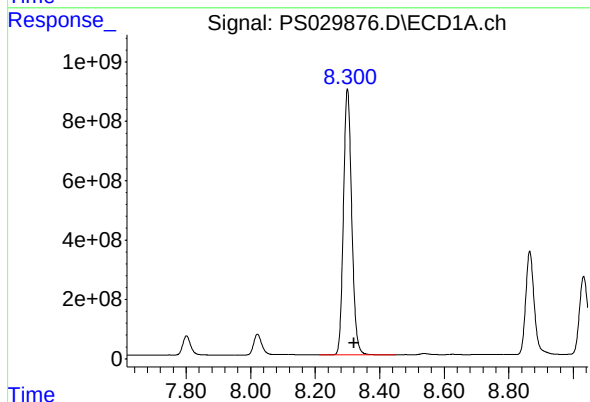
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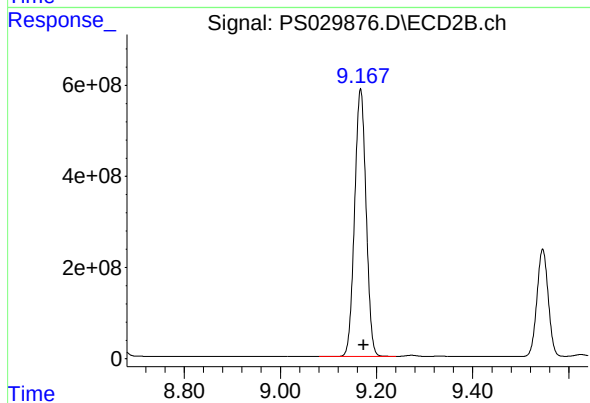
#9 2,4-D

R.T.: 8.664 min
Delta R.T.: -0.007 min
Response: 529089463
Conc: 490.60 ng/ml



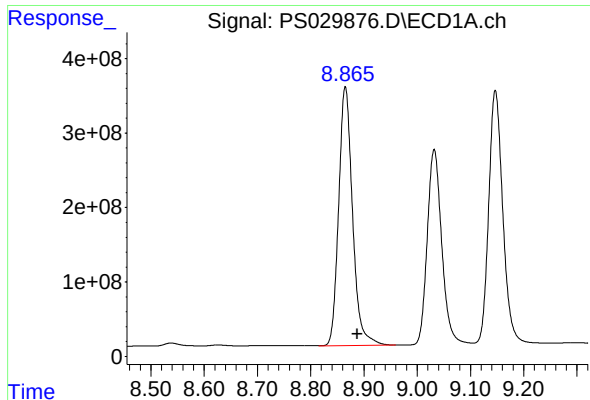
#10 Pentachlorophenol

R.T.: 8.300 min
Delta R.T.: -0.020 min
Response: 15947401207
Conc: 524.50 ng/ml



#10 Pentachlorophenol

R.T.: 9.167 min
Delta R.T.: -0.006 min
Response: 9756325703
Conc: 544.20 ng/ml



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

R.T.: 8.865 min
Delta R.T.: -0.023 min
Response: 6302869104
Conc: 542.63 ng/ml

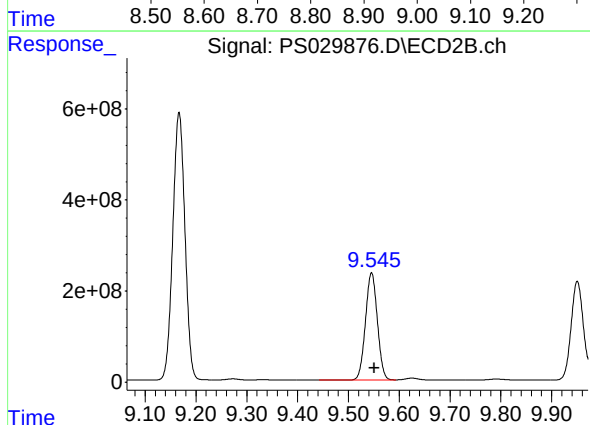
Instrument :

ECD_S

ClientSampleId :
PB167675BS

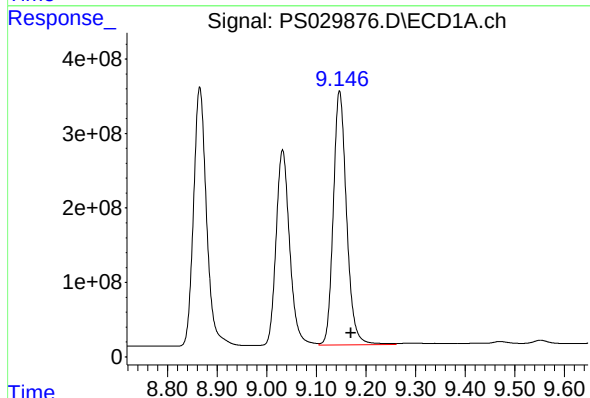
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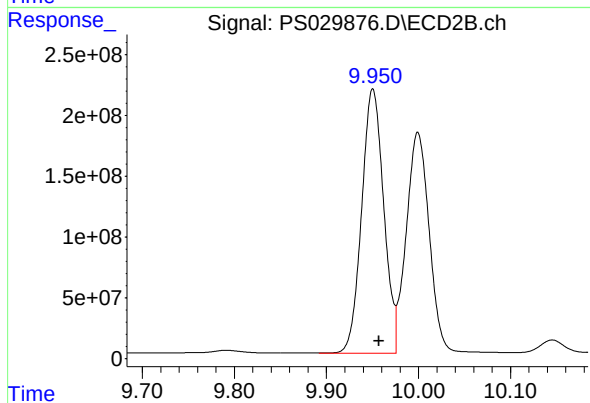
#11 2,4,5-TP (SILVEX)

R.T.: 9.546 min
Delta R.T.: -0.006 min
Response: 3837669523
Conc: 532.05 ng/ml



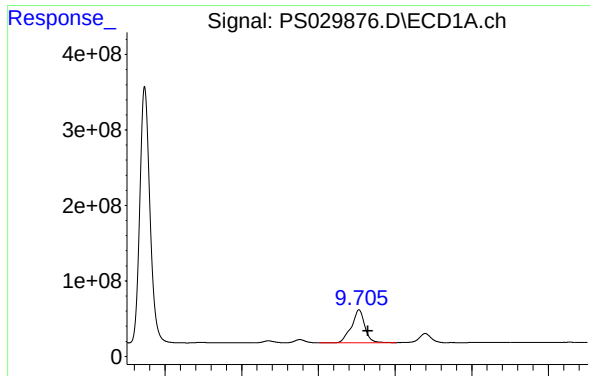
#12 2,4,5-T

R.T.: 9.147 min
Delta R.T.: -0.023 min
Response: 6315545190
Conc: 548.97 ng/ml



#12 2,4,5-T

R.T.: 9.950 min
Delta R.T.: -0.006 min
Response: 3617446903
Conc: 539.69 ng/ml



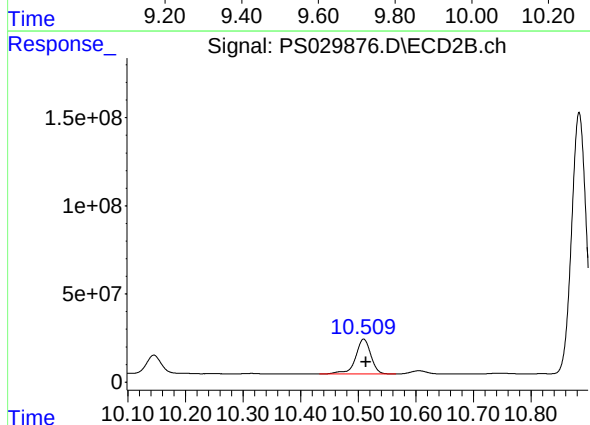
#13 2,4-DB

R.T.: 9.706 min
Delta R.T.: -0.024 min
Response: 1047400391
Conc: 576.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167675BS

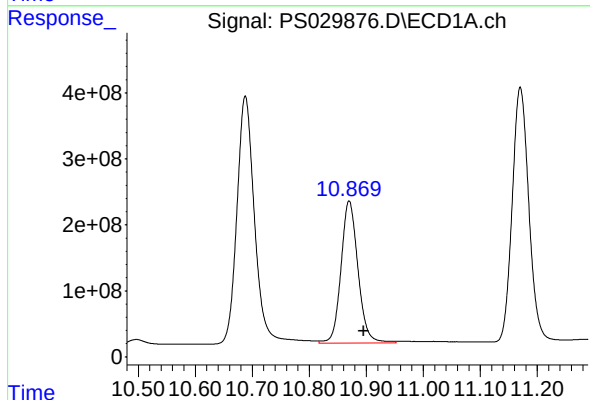
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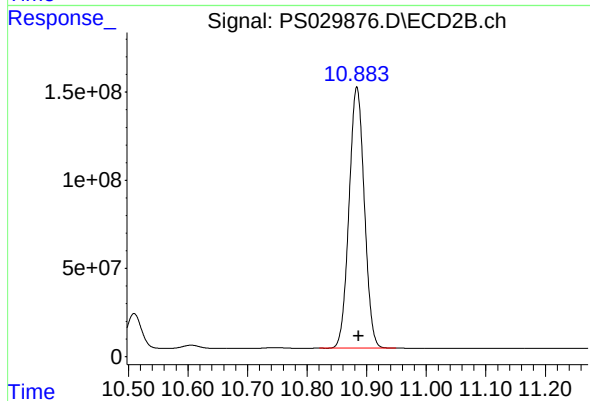
#13 2,4-DB

R.T.: 10.510 min
Delta R.T.: -0.004 min
Response: 366891972
Conc: 494.48 ng/ml



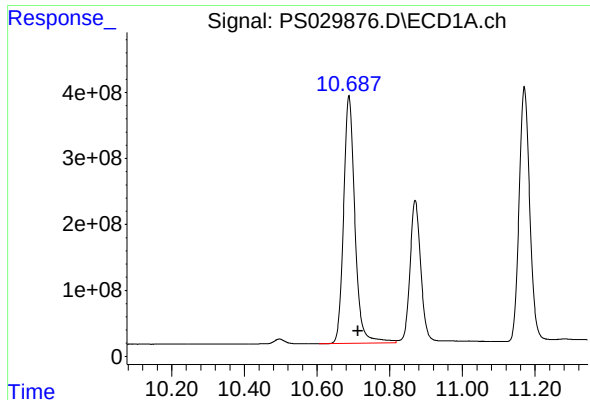
#14 DINOSEB

R.T.: 10.870 min
Delta R.T.: -0.025 min
Response: 4460089293
Conc: 528.32 ng/ml



#14 DINOSEB

R.T.: 10.884 min
Delta R.T.: -0.003 min
Response: 2639671153
Conc: 516.29 ng/ml



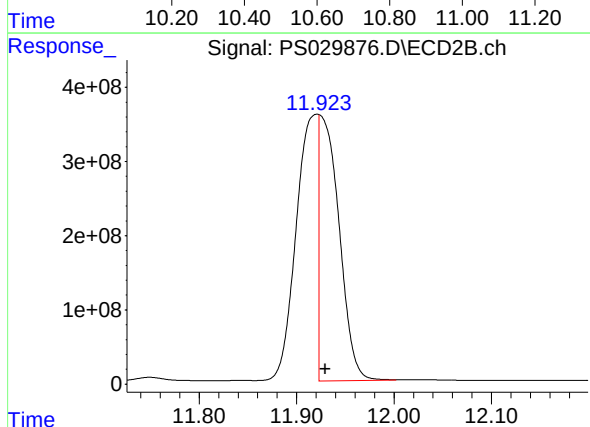
#15 Picloram

R.T.: 10.688 min
Delta R.T.: -0.025 min
Response: 8150845857
Conc: 525.85 ng/ml

Instrument :
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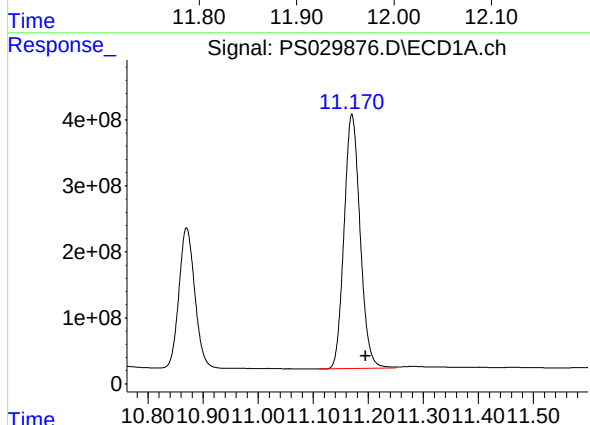
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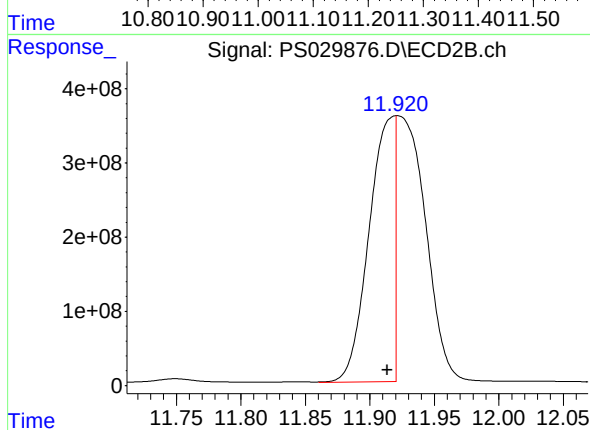
#15 Picloram

R.T.: 11.923 min
Delta R.T.: -0.007 min
Response: 5046418380
Conc: 426.78 ng/ml m



#16 DCPA

R.T.: 11.170 min
Delta R.T.: -0.025 min
Response: 7790150780
Conc: 557.79 ng/ml



#16 DCPA

R.T.: 11.920 min
Delta R.T.: 0.007 min
Response: 5054081733
Conc: 571.04 ng/ml m