

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
 Data File : PS030537.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2025 19:11
 Operator : AR\AJ
 Sample : PB168318BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168318BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/09/2025
 Supervised By : mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 01:16:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.363	7.771	1958.2E6	541.1E6	518.698m	503.079
Target Compounds						
1) T Dalapon	2.714	2.713	2749.9E6	1265.4E6	486.963	461.816
2) T 3,5-DICHL...	6.520	6.715	2678.6E6	748.7E6	493.636	478.605
3) T 4-Nitroph...	7.162	7.301	836.6E6	755.3E6	456.246	481.951
5) T DICAMBA	7.554	7.974	7740.2E6	3079.5E6	501.874	478.054
6) T MCPP	7.735	8.072	467.0E6	108.0E6	47.144m	46.727
7) T MCPA	7.886	8.322	567.5E6	130.3E6	44.720	42.217
8) T DICHLORPROP	8.270	8.694	1779.9E6	709.5E6	489.241	478.018
9) T 2,4-D	8.503	9.030	1718.8E6	755.3E6	471.732	480.367
10) T Pentachlo...	8.812	9.556	27620.6E6	18128.1E6	543.860	501.636
11) T 2,4,5-TP ...	9.394	9.937	10357.9E6	6707.4E6	501.228	488.990
12) T 2,4,5-T	9.689	10.363	8692.5E6	6315.5E6	471.623	483.680
13) T 2,4-DB	10.268	10.930	1311.3E6	548.7E6	431.859	477.325
14) T DINOSEB	11.490	11.316	7160.6E6	4873.4E6	498.130	484.909
15) T Picloram	11.296	12.424	8081.5E6	10025.5E6	403.978m	453.974
16) T DCPA	11.786	12.360	13723.5E6	10349.6E6	519.042	505.773

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

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Acq On : 06 Jun 2025 19:11
Operator : AR\AJ
Sample : PB168318BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

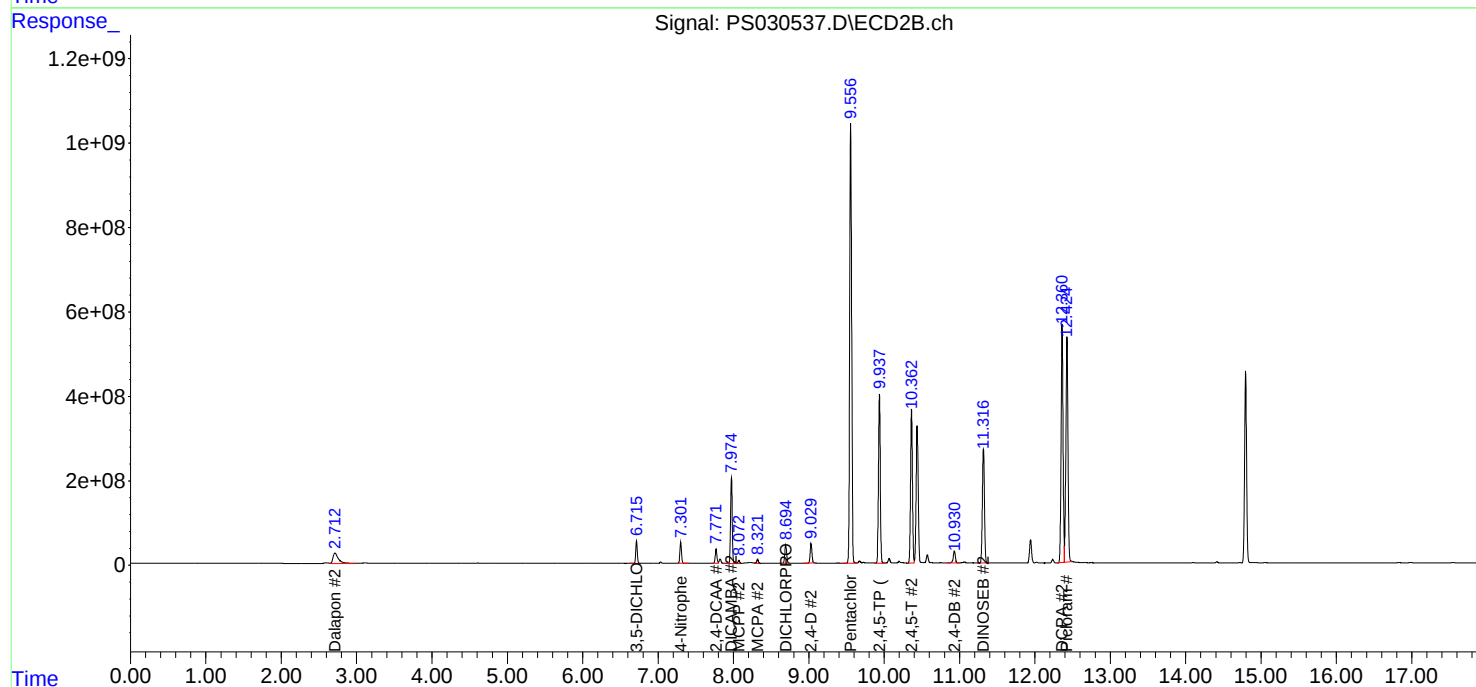
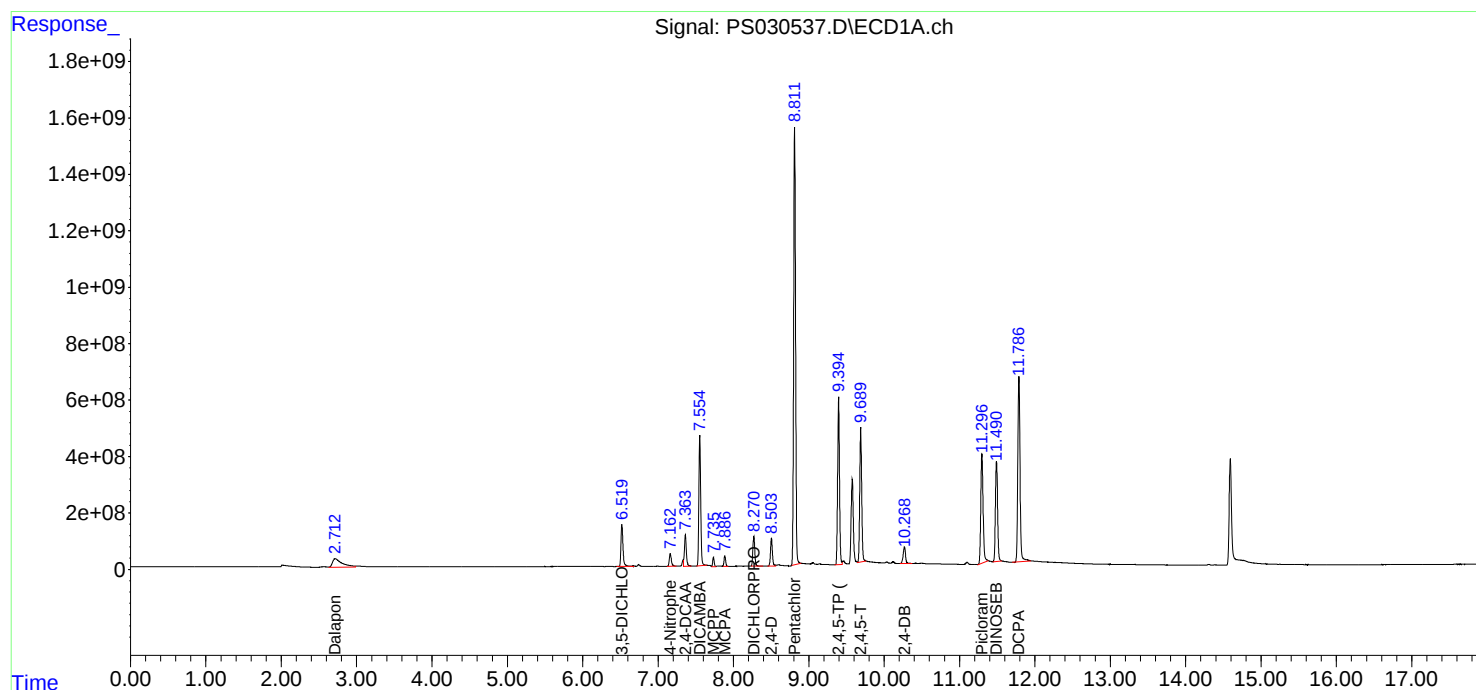
Instrument :
ECD_S
ClientSampleId :
PB168318BS

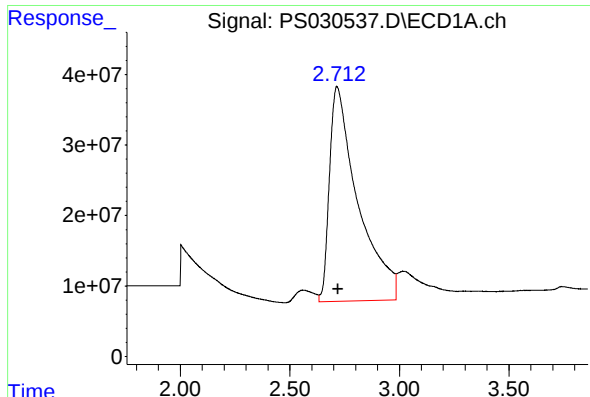
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 07 01:16:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
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Volume 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





#1 Dalapon

R.T.: 2.714 min
Delta R.T.: -0.006 min
Response: 2749866401
Conc: 486.96 ng/ml

Instrument :

ECD_S

ClientSampleId :
PB168318BS

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#1 Dalapon

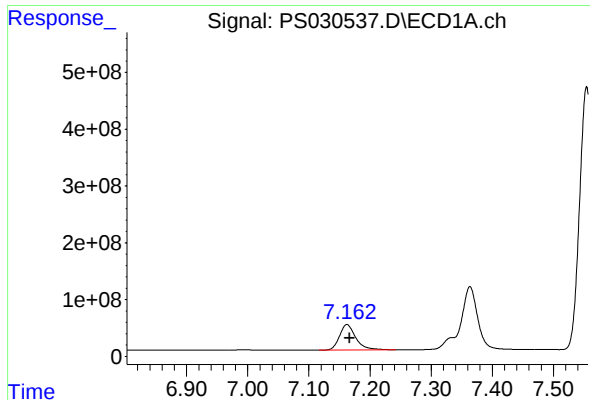
R.T.: 2.713 min
Delta R.T.: 0.003 min
Response: 1265382152
Conc: 461.82 ng/ml

#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.520 min
Delta R.T.: -0.004 min
Response: 2678643232
Conc: 493.64 ng/ml

#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: -0.002 min
Response: 748656220
Conc: 478.60 ng/ml



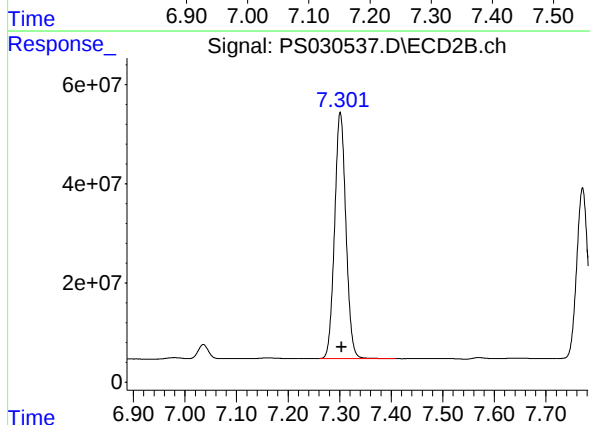
#3 4-Nitrophenol

R.T.: 7.162 min
Delta R.T.: -0.005 min
Response: 836644017
Conc: 456.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168318BS

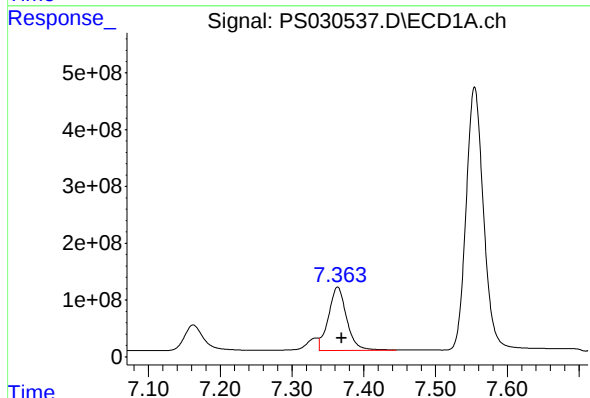
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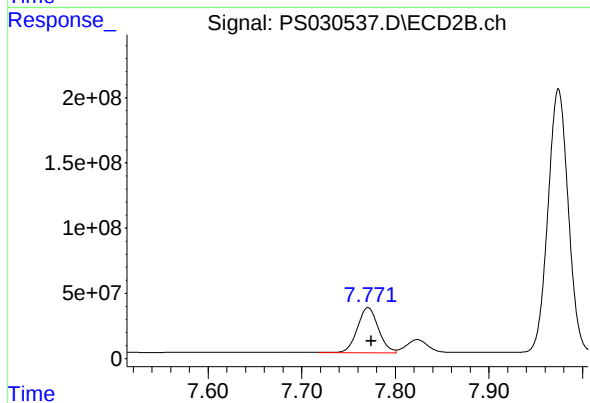
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: -0.003 min
Response: 755334891
Conc: 481.95 ng/ml



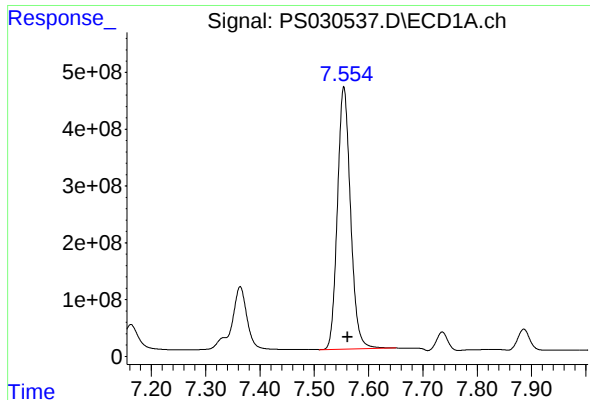
#4 2,4-DCAA

R.T.: 7.363 min
Delta R.T.: -0.006 min
Response: 1958158951
Conc: 518.70 ng/ml m



#4 2,4-DCAA

R.T.: 7.771 min
Delta R.T.: -0.003 min
Response: 541117088
Conc: 503.08 ng/ml



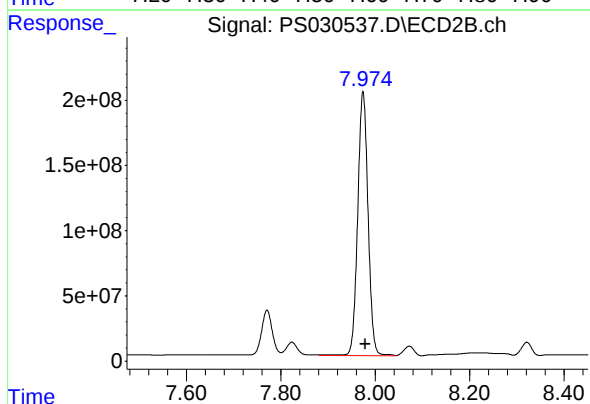
#5 DICAMBA

R.T.: 7.554 min
Delta R.T.: -0.007 min
Response: 7740173125
Conc: 501.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168318BS

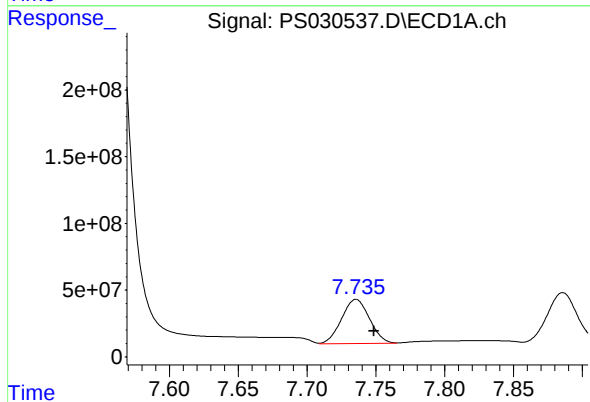
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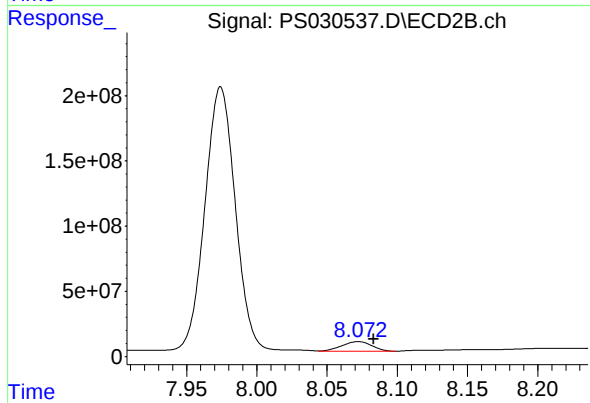
#5 DICAMBA

R.T.: 7.974 min
Delta R.T.: -0.004 min
Response: 3079453081
Conc: 478.05 ng/ml



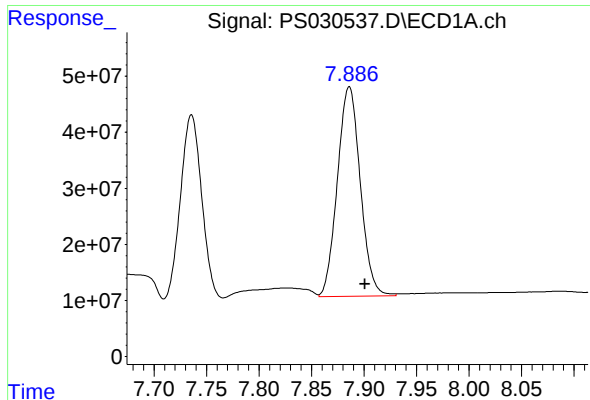
#6 MCPP

R.T.: 7.735 min
Delta R.T.: -0.014 min
Response: 466958163
Conc: 47.14 ug/ml m



#6 MCPP

R.T.: 8.072 min
Delta R.T.: -0.011 min
Response: 108012870
Conc: 46.73 ug/ml



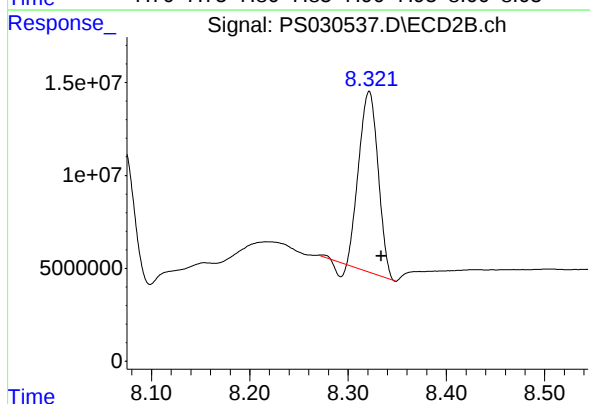
#7 MCPA

R.T.: 7.886 min
Delta R.T.: -0.015 min
Response: 567463702
Conc: 44.72 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168318BS

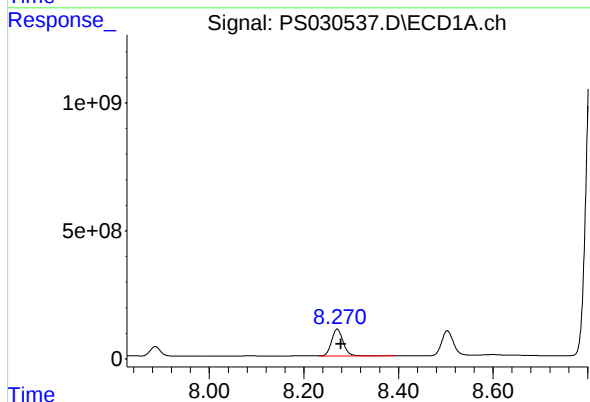
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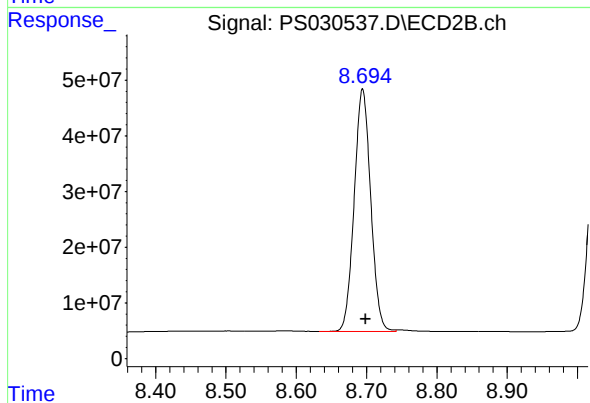
#7 MCPA

R.T.: 8.322 min
Delta R.T.: -0.012 min
Response: 130277074
Conc: 42.22 ug/ml



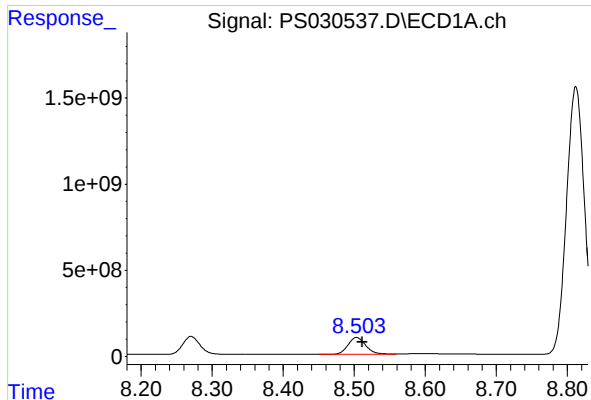
#8 DICHLORPROP

R.T.: 8.270 min
Delta R.T.: -0.008 min
Response: 1779929450
Conc: 489.24 ng/ml



#8 DICHLORPROP

R.T.: 8.694 min
Delta R.T.: -0.005 min
Response: 709475831
Conc: 478.02 ng/ml



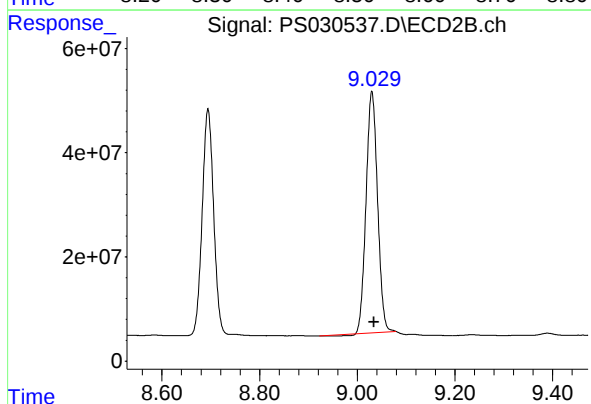
#9 2,4-D

R.T.: 8.503 min
Delta R.T.: -0.008 min
Response: 1718806436
Conc: 471.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168318BS

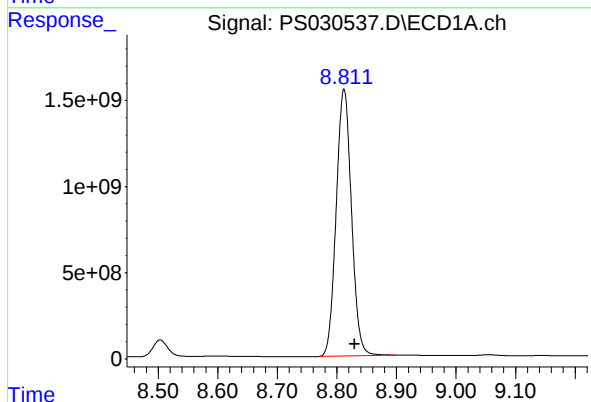
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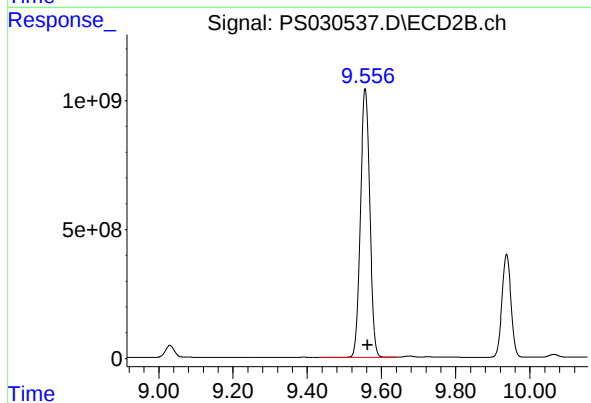
#9 2,4-D

R.T.: 9.030 min
Delta R.T.: -0.005 min
Response: 755290328
Conc: 480.37 ng/ml



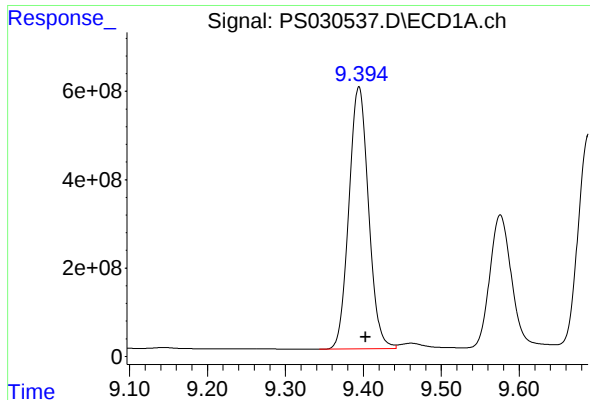
#10 Pentachlorophenol

R.T.: 8.812 min
Delta R.T.: -0.018 min
Response: 27620577963
Conc: 543.86 ng/ml



#10 Pentachlorophenol

R.T.: 9.556 min
Delta R.T.: -0.007 min
Response: 18128125239
Conc: 501.64 ng/ml



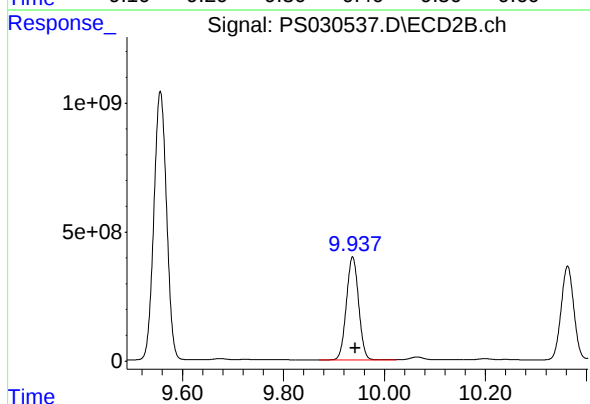
#11 2,4,5-TP (SILVEX)

R.T.: 9.394 min
Delta R.T.: -0.009 min
Response: 10357914198
Conc: 501.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168318BS

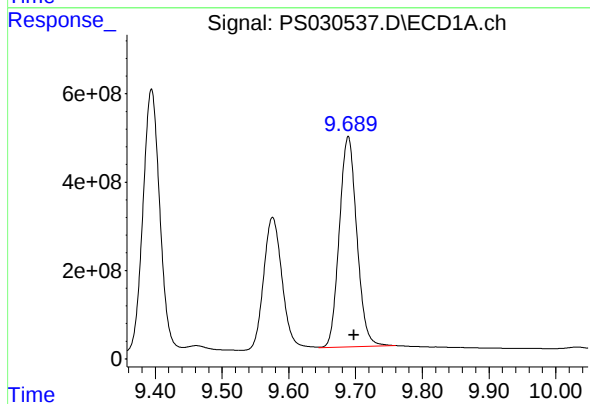
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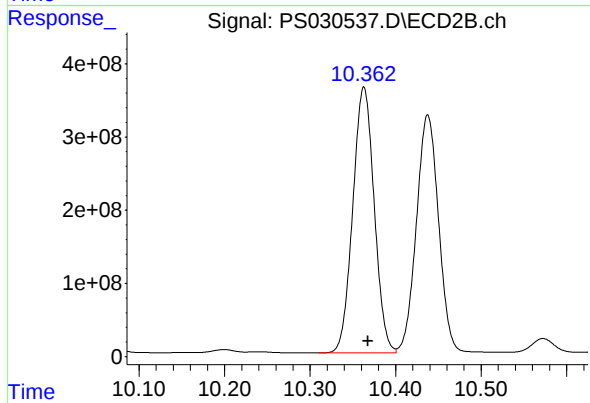
#11 2,4,5-TP (SILVEX)

R.T.: 9.937 min
Delta R.T.: -0.005 min
Response: 6707355908
Conc: 488.99 ng/ml



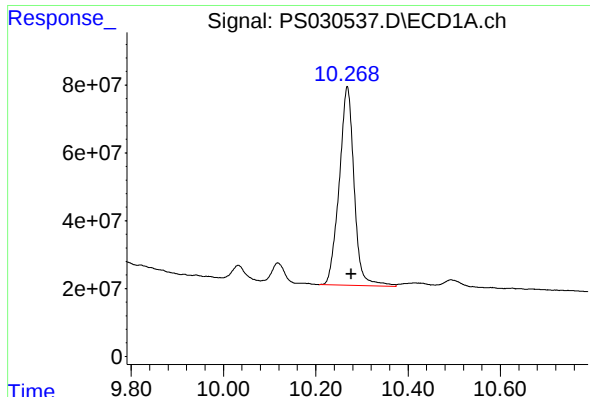
#12 2,4,5-T

R.T.: 9.689 min
Delta R.T.: -0.008 min
Response: 8692504893
Conc: 471.62 ng/ml



#12 2,4,5-T

R.T.: 10.363 min
Delta R.T.: -0.005 min
Response: 6315471463
Conc: 483.68 ng/ml



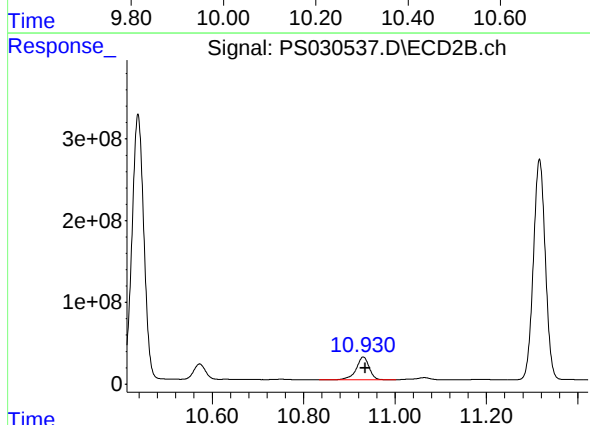
#13 2,4-DB

R.T.: 10.268 min
Delta R.T.: -0.009 min
Response: 1311280204
Conc: 431.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168318BS

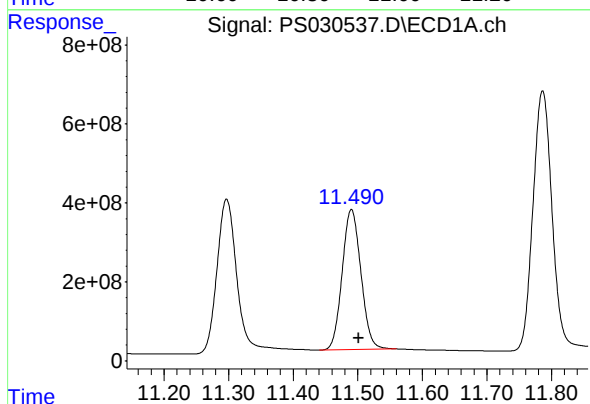
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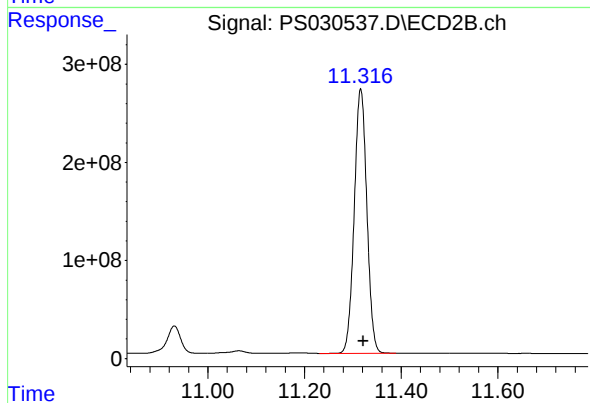
#13 2,4-DB

R.T.: 10.930 min
Delta R.T.: -0.005 min
Response: 548709722
Conc: 477.32 ng/ml



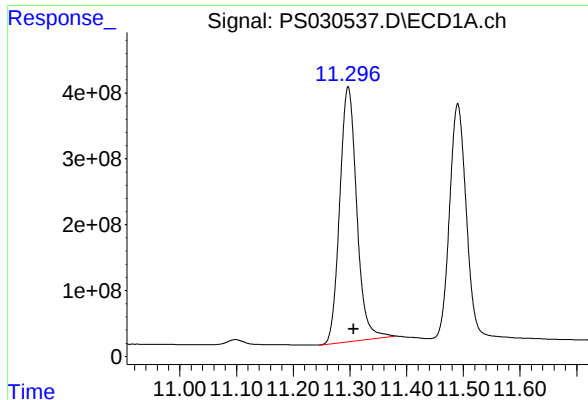
#14 DINOSEB

R.T.: 11.490 min
Delta R.T.: -0.011 min
Response: 7160580096
Conc: 498.13 ng/ml



#14 DINOSEB

R.T.: 11.316 min
Delta R.T.: -0.005 min
Response: 4873392978
Conc: 484.91 ng/ml



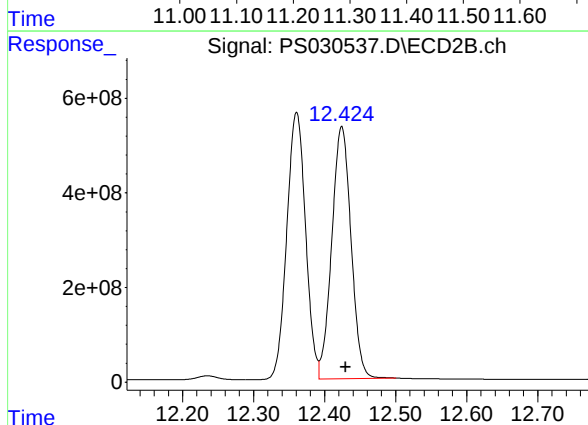
#15 Picloram

R.T.: 11.296 min
Delta R.T.: -0.010 min
Response: 8081497051
Conc: 403.98 ng/ml

Instrument :
ECD_S
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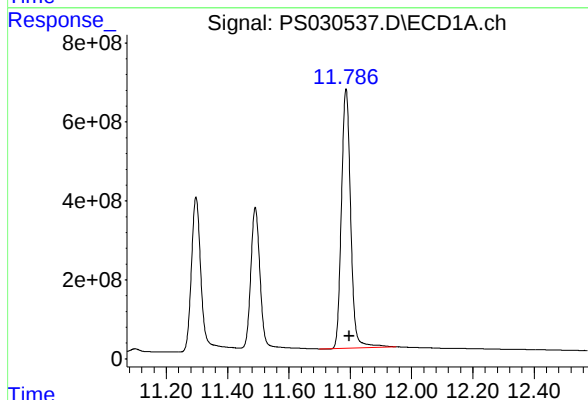
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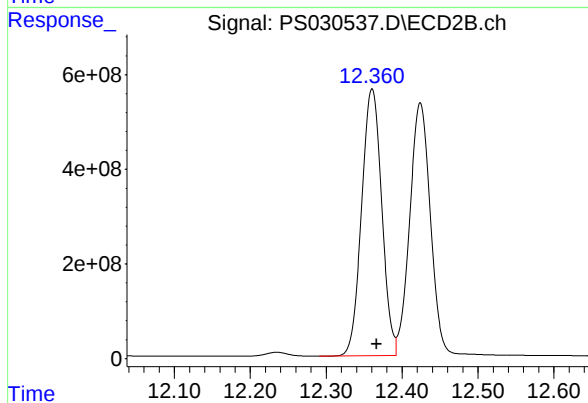
#15 Picloram

R.T.: 12.424 min
Delta R.T.: -0.006 min
Response: 10025506108
Conc: 453.97 ng/ml



#16 DCPA

R.T.: 11.786 min
Delta R.T.: -0.011 min
Response: 13723533841
Conc: 519.04 ng/ml



#16 DCPA

R.T.: 12.360 min
Delta R.T.: -0.006 min
Response: 10349591751
Conc: 505.77 ng/ml