

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS031125\
 Data File : PS029375.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2025 18:19
 Operator : AR\AJ
 Sample : PB167073BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167073BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/12/2025
 Supervised By : Ankita Jodhani 03/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 04:36:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS022125.M
 Quant Title : 8080.M
 QLast Update : Sat Feb 22 01:02:20 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	7.159	7.624	2316.7E6	472.5E6	562.219	502.530
Target Compounds							
1) T	Dalapon	2.601	2.645	2822.9E6	1017.1E6	511.370	480.431
2) T	3,5-DICHL...	6.341	6.598	3096.7E6	668.0E6	529.252	471.730
3) T	4-Nitroph...	6.960	7.157	1038.1E6	352.7E6	443.605	442.261
5) T	DICAMBA	7.340	7.817	9421.9E6	2486.8E6	542.550	482.599
6) T	MCPD	7.519	7.921	623.0E6	111.4E6	50.545	47.614
7) T	MCPA	7.666	8.160	861.9E6	151.2E6	50.863	47.412
8) T	DICHLORPROP	8.040	8.527	2443.9E6	623.7E6	531.698	487.719
9) T	2,4-D	8.271	8.852	2487.2E6	618.0E6	523.580	486.674
10) T	Pentachlo...	8.561	9.368	35991.0E6	11907.2E6	616.747	517.420
11) T	2,4,5-TP ...	9.136	9.746	13686.9E6	4598.8E6	556.675	508.908
12) T	2,4,5-T	9.428	10.160	14050.3E6	4047.7E6	551.234	493.003
13) T	2,4-DB	9.998	10.723	2041.7E6	319.9E6	488.976	417.820
14) T	DINOSEB	11.189	11.098	8971.0E6	2949.3E6	539.421m	486.565m
15) T	Picloram	11.006	12.173	15143.2E6	5061.5E6	495.791m	437.755
16) T	DCPA	11.486	12.131	16728.6E6	6029.5E6	557.556	509.393

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

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Acq On : 11 Mar 2025 18:19
Operator : AR\AJ
Sample : PB167073BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

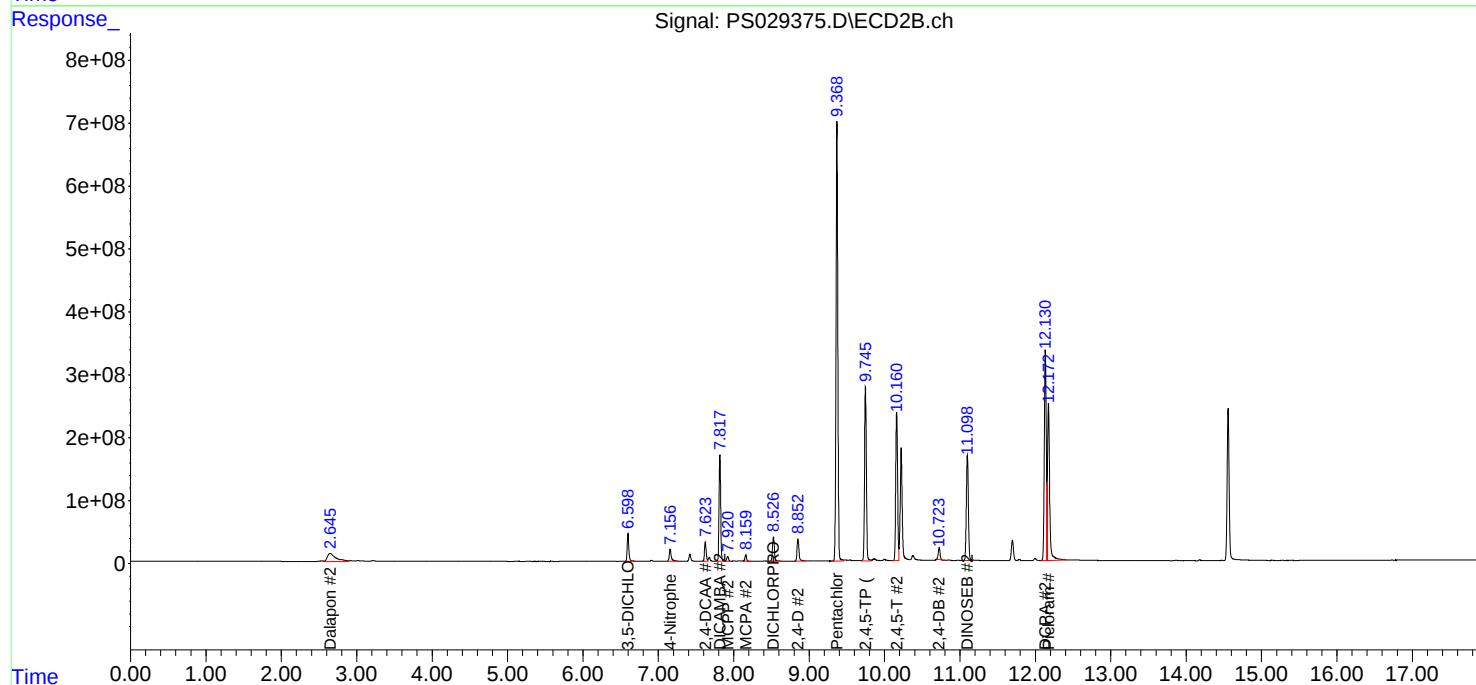
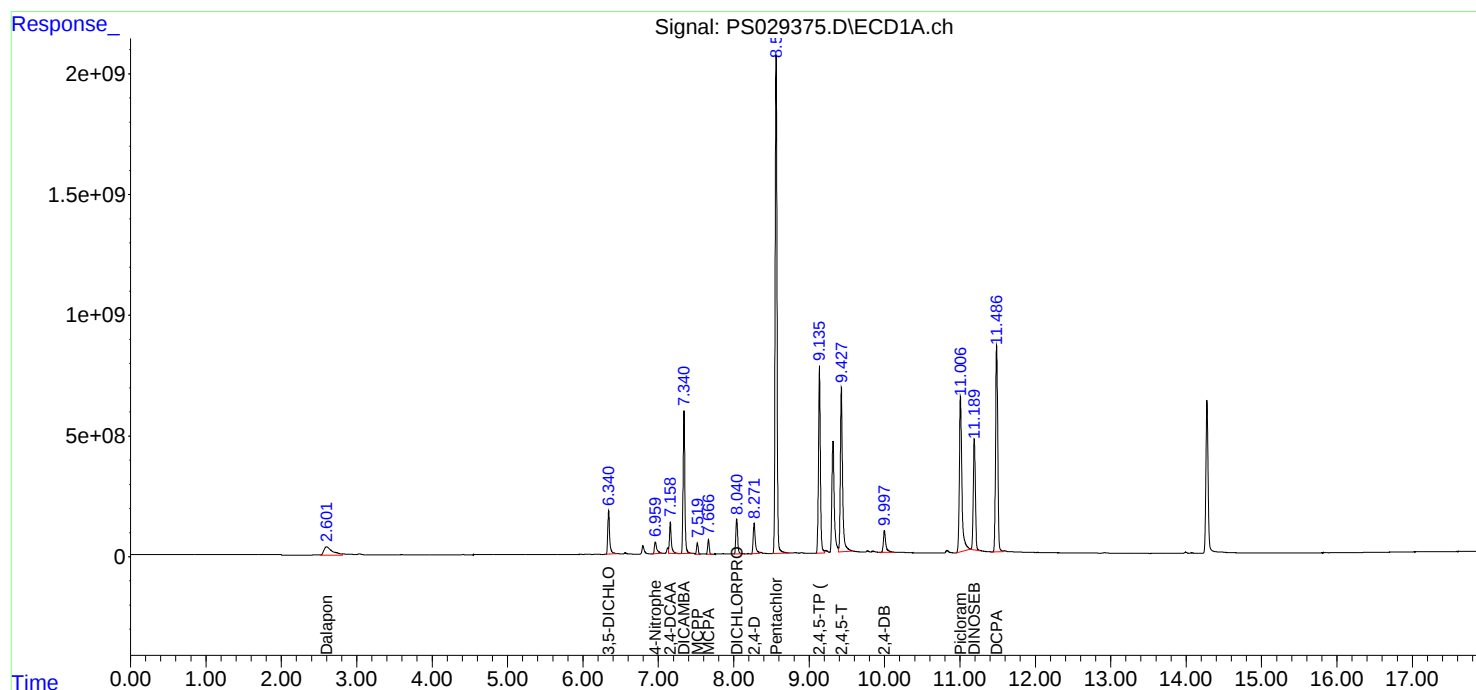
Instrument :
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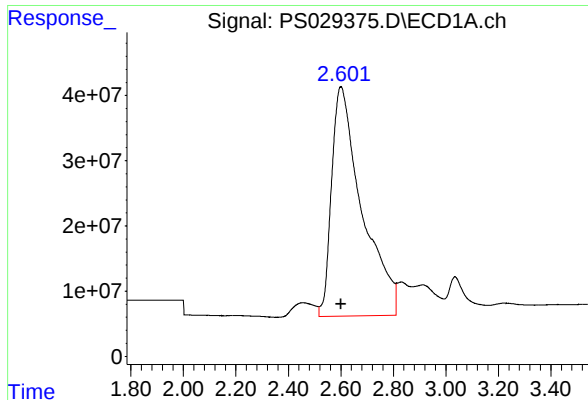
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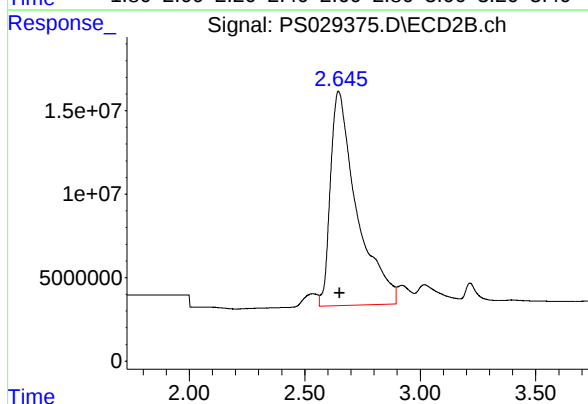
#1 Dalapon

R.T.: 2.601 min
Delta R.T.: 0.001 min
Response: 2822909134
Conc: 511.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167073BSD

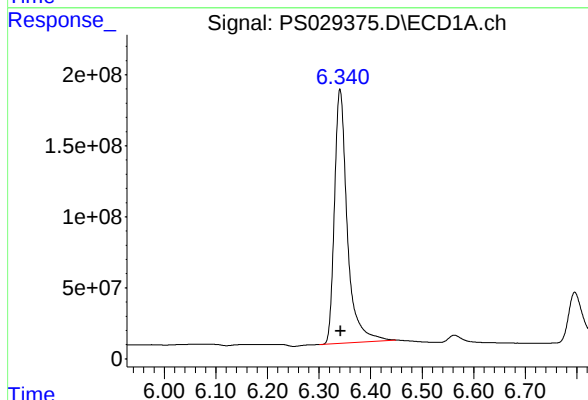
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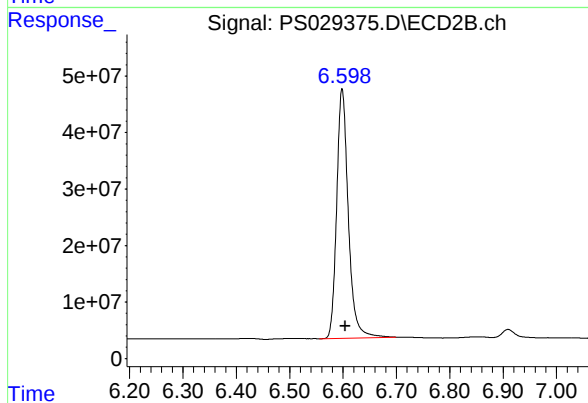
#1 Dalapon

R.T.: 2.645 min
Delta R.T.: -0.006 min
Response: 1017130846
Conc: 480.43 ng/ml



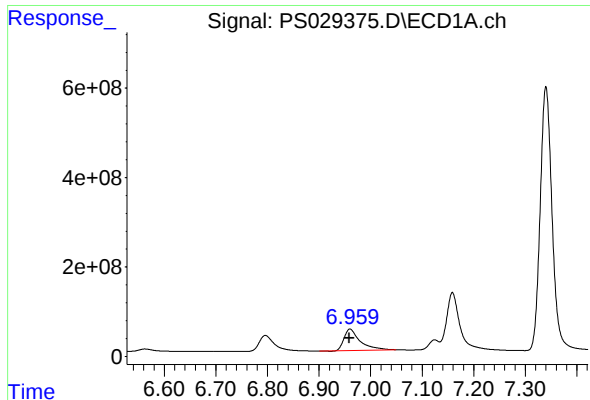
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 3096716540
Conc: 529.25 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.598 min
Delta R.T.: -0.006 min
Response: 668024279
Conc: 471.73 ng/ml



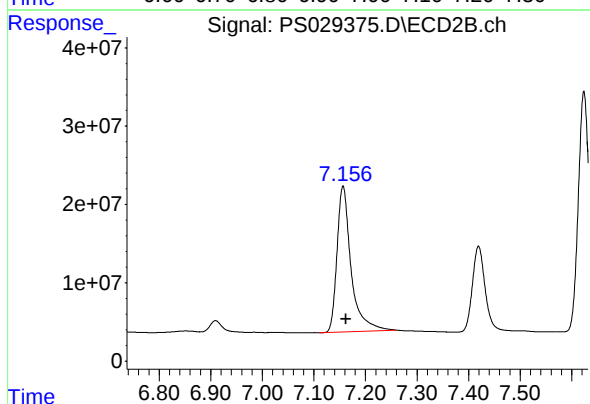
#3 4-Nitrophenol

R.T.: 6.960 min
Delta R.T.: 0.001 min
Response: 1038116858
Conc: 443.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167073BSD

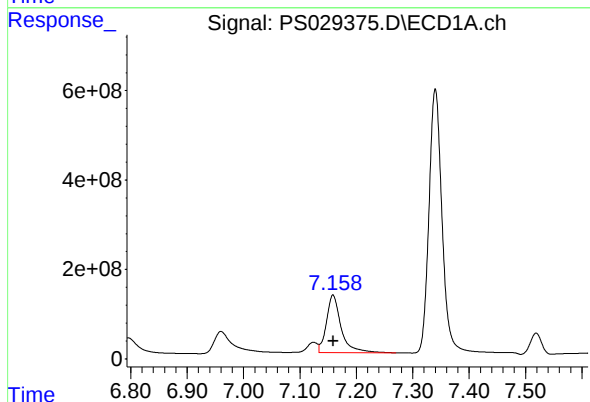
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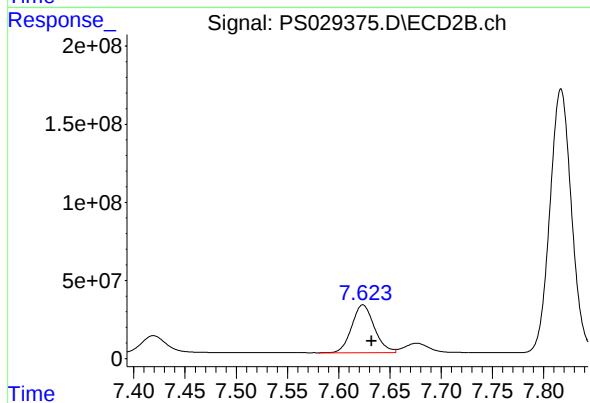
#3 4-Nitrophenol

R.T.: 7.157 min
Delta R.T.: -0.005 min
Response: 352724746
Conc: 442.26 ng/ml



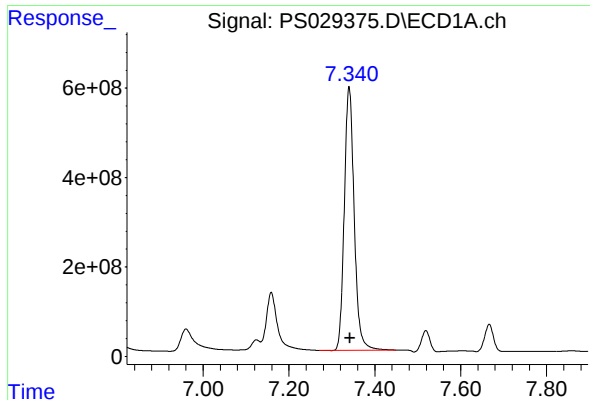
#4 2,4-DCAA

R.T.: 7.159 min
Delta R.T.: -0.001 min
Response: 2316667806
Conc: 562.22 ng/ml



#4 2,4-DCAA

R.T.: 7.624 min
Delta R.T.: -0.008 min
Response: 472545852
Conc: 502.53 ng/ml



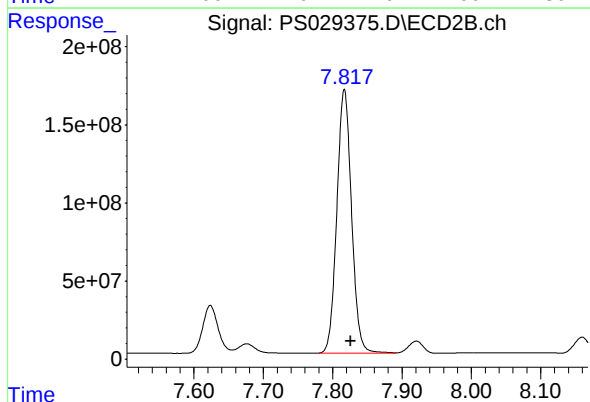
#5 DICAMBA

R.T.: 7.340 min
Delta R.T.: -0.003 min
Response: 9421894593
Conc: 542.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167073BSD

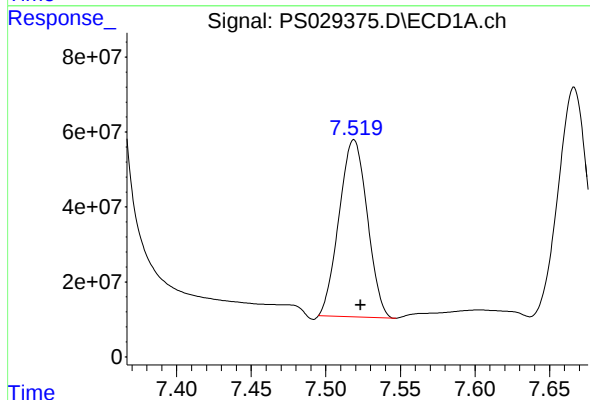
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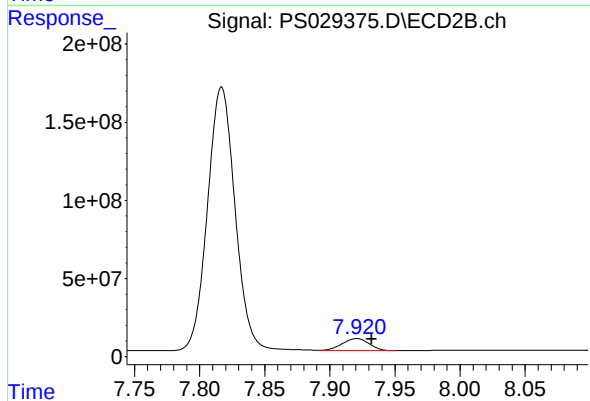
#5 DICAMBA

R.T.: 7.817 min
Delta R.T.: -0.009 min
Response: 2486819983
Conc: 482.60 ng/ml



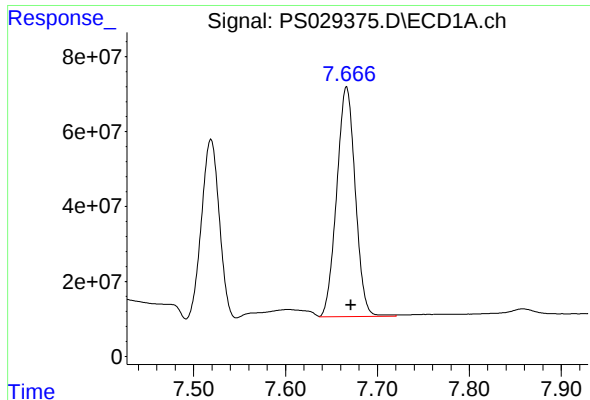
#6 MCPP

R.T.: 7.519 min
Delta R.T.: -0.005 min
Response: 622999962
Conc: 50.54 ug/ml



#6 MCPP

R.T.: 7.921 min
Delta R.T.: -0.011 min
Response: 111376984
Conc: 47.61 ug/ml



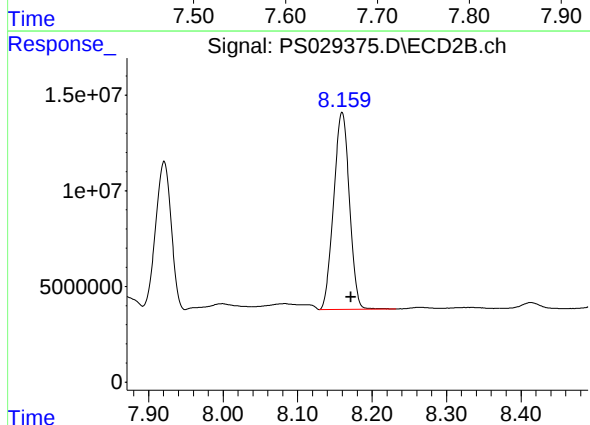
#7 MCPA

R.T.: 7.666 min
Delta R.T.: -0.005 min
Response: 861896934
Conc: 50.86 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167073BSD

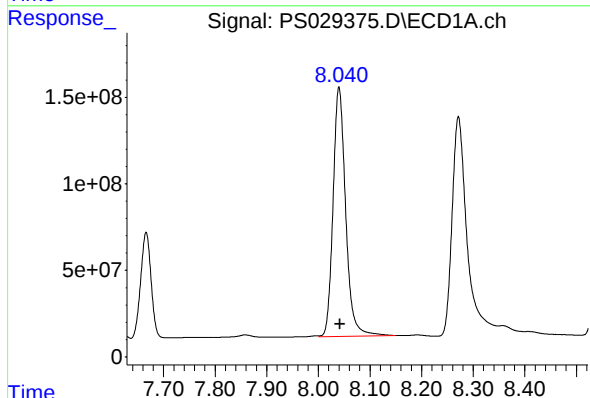
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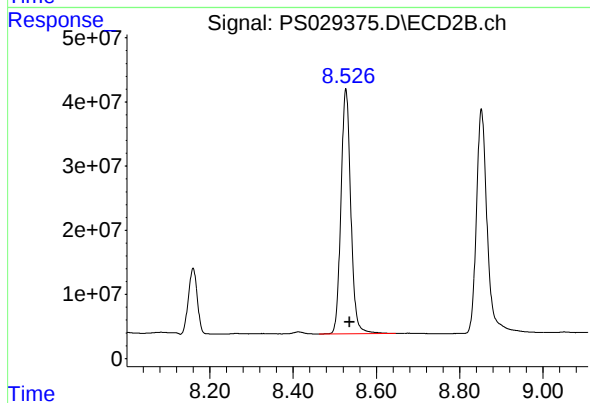
#7 MCPA

R.T.: 8.160 min
Delta R.T.: -0.012 min
Response: 151230234
Conc: 47.41 ug/ml



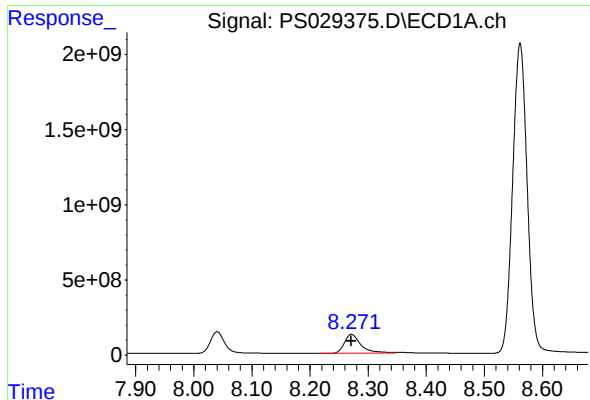
#8 DICHLORPROP

R.T.: 8.040 min
Delta R.T.: -0.002 min
Response: 2443930854
Conc: 531.70 ng/ml



#8 DICHLORPROP

R.T.: 8.527 min
Delta R.T.: -0.010 min
Response: 623675843
Conc: 487.72 ng/ml



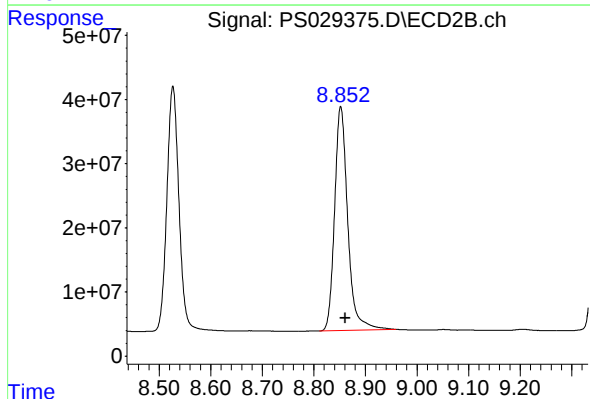
#9 2,4-D

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 2487231301
Conc: 523.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167073BSD

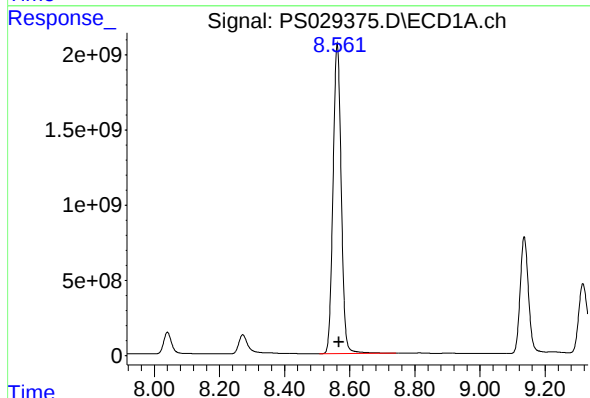
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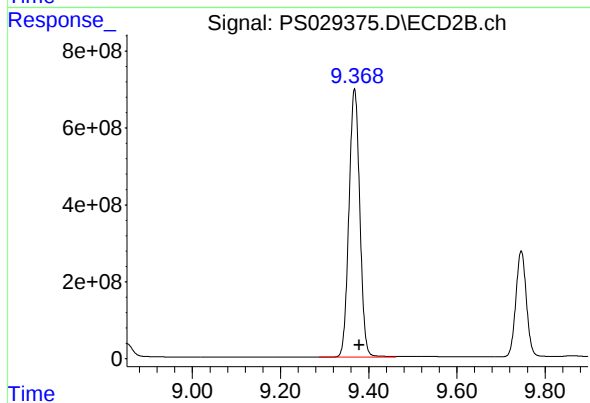
#9 2,4-D

R.T.: 8.852 min
Delta R.T.: -0.009 min
Response: 618024702
Conc: 486.67 ng/ml



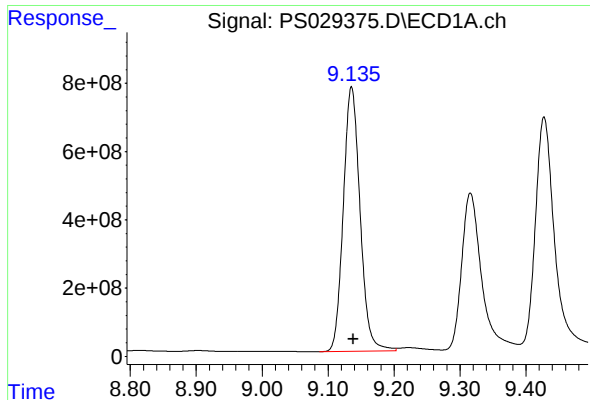
#10 Pentachlorophenol

R.T.: 8.561 min
Delta R.T.: -0.006 min
Response: 35991018866
Conc: 616.75 ng/ml



#10 Pentachlorophenol

R.T.: 9.368 min
Delta R.T.: -0.011 min
Response: 11907227665
Conc: 517.42 ng/ml



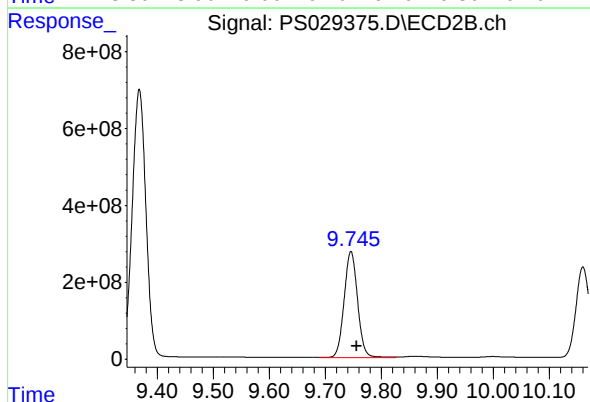
#11 2,4,5-TP (SILVEX)

R.T.: 9.136 min
Delta R.T.: -0.003 min
Response: 13686939813
Conc: 556.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167073BSD

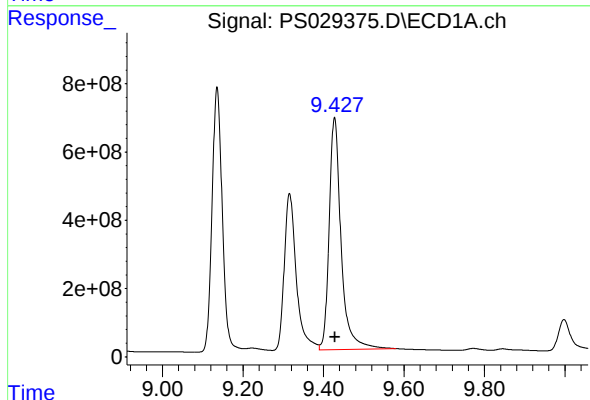
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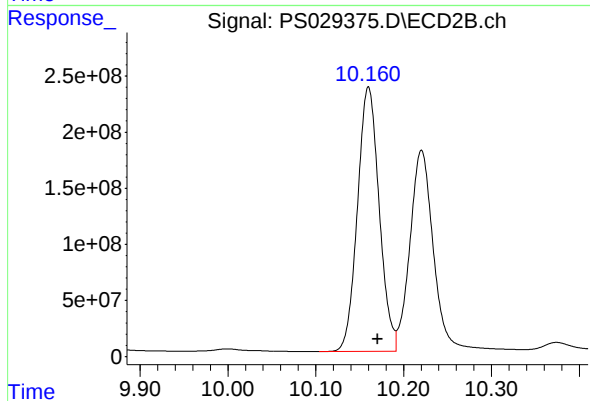
#11 2,4,5-TP (SILVEX)

R.T.: 9.746 min
Delta R.T.: -0.010 min
Response: 4598845738
Conc: 508.91 ng/ml



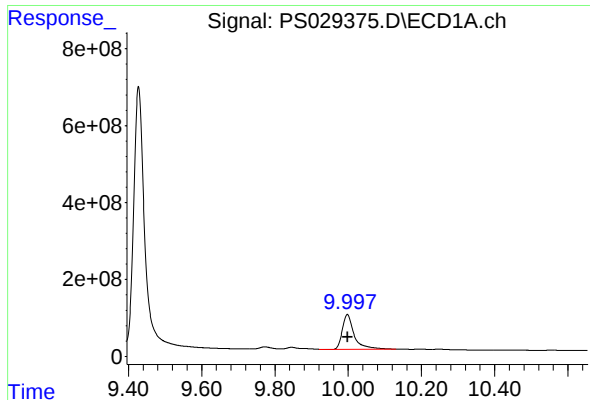
#12 2,4,5-T

R.T.: 9.428 min
Delta R.T.: -0.002 min
Response: 14050255659
Conc: 551.23 ng/ml



#12 2,4,5-T

R.T.: 10.160 min
Delta R.T.: -0.010 min
Response: 4047701075
Conc: 493.00 ng/ml



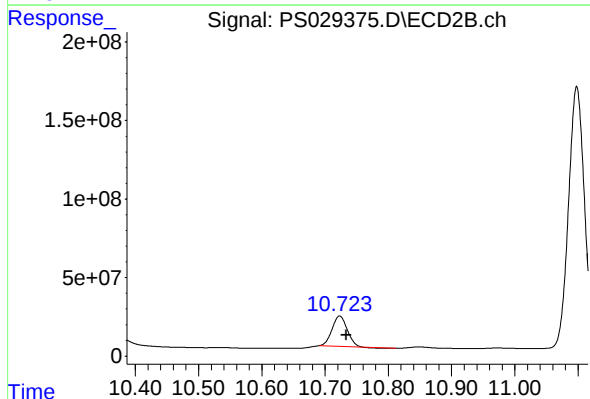
#13 2,4-DB

R.T.: 9.998 min
Delta R.T.: 0.000 min
Response: 2041683226
Conc: 488.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167073BSD

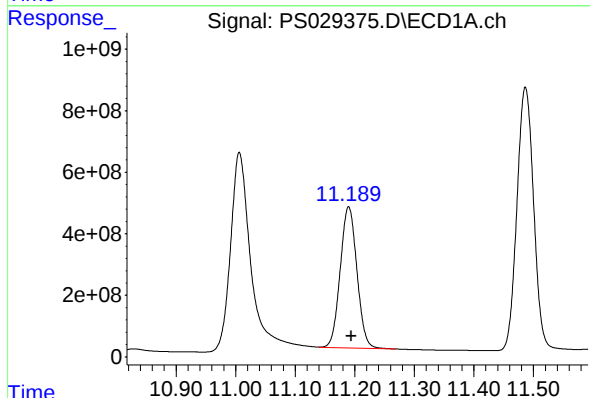
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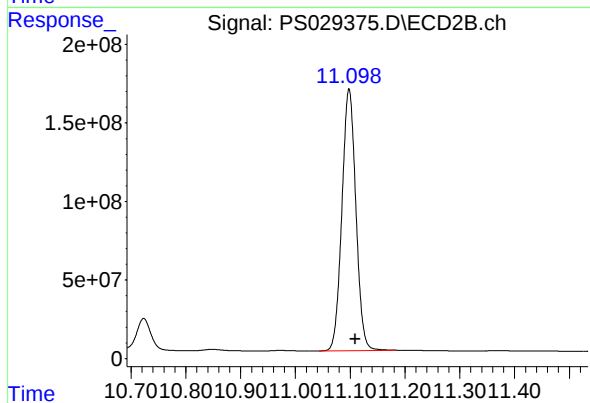
#13 2,4-DB

R.T.: 10.723 min
Delta R.T.: -0.011 min
Response: 319879738
Conc: 417.82 ng/ml



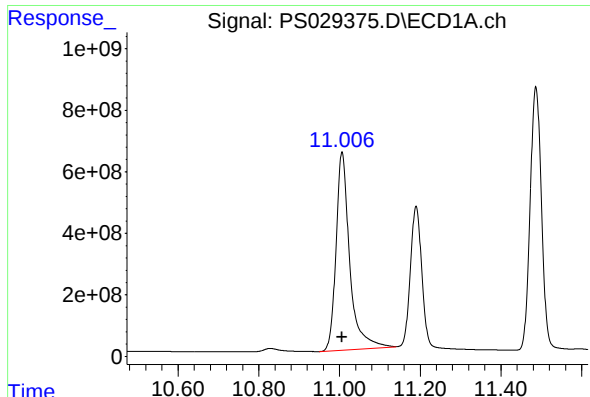
#14 DINOSEB

R.T.: 11.189 min
Delta R.T.: -0.005 min
Response: 8971020317
Conc: 539.42 ng/ml m



#14 DINOSEB

R.T.: 11.098 min
Delta R.T.: -0.012 min
Response: 2949327300
Conc: 486.57 ng/ml m



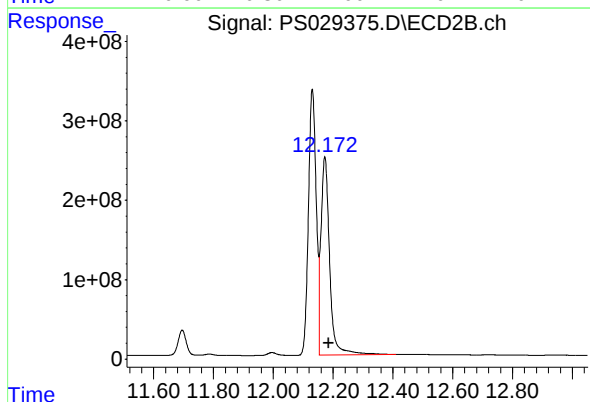
#15 Picloram

R.T.: 11.006 min
Delta R.T.: -0.001 min
Response: 15143191370
Conc: 495.79 ng/ml

Instrument :
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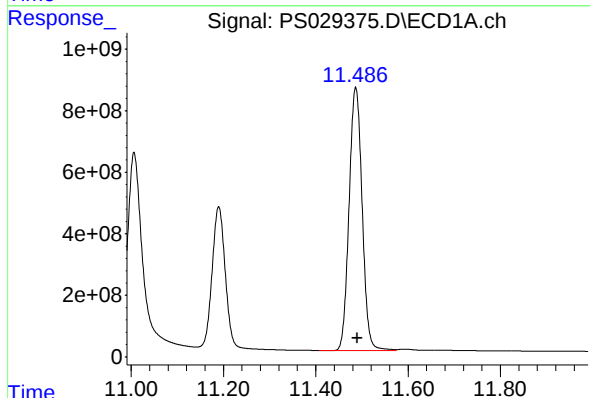
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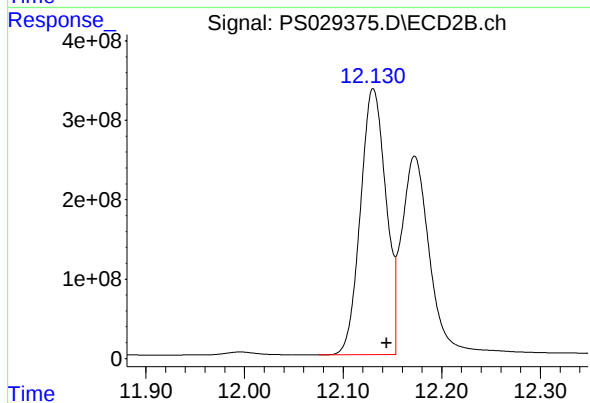
#15 Picloram

R.T.: 12.173 min
Delta R.T.: -0.012 min
Response: 5061510320
Conc: 437.75 ng/ml



#16 DCPA

R.T.: 11.486 min
Delta R.T.: -0.004 min
Response: 16728605132
Conc: 557.56 ng/ml



#16 DCPA

R.T.: 12.131 min
Delta R.T.: -0.013 min
Response: 6029455270
Conc: 509.39 ng/ml