

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032922\
 Data File : PS018823.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Mar 2022 03:24
 Operator : AJ\MA
 Sample : N2140-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MHCMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/30/2022
 Supervised By : mohammad ahmed 03/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 30 05:46:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS031422.M
 Quant Title : 8080.M
 QLast Update : Mon Mar 14 11:41:05 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 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	7.223	6.808	1472.8E6	412.5E6	517.511m	586.284m
Target Compounds							
1) T	Dalapon	3.033	2.539	1217.0E6	599.3E6	312.986	725.077m#
2) T	3,5-DICHL...	6.434	5.981	2081.7E6	573.5E6	540.191	548.235
5) T	DICAMBA	7.417	6.976	5665.4E6	1561.5E6	519.437	524.249
6) T	MCP	7.587	7.081	450.1E6	104.8E6	53.026	42.797
7) T	MCPA	7.741	7.286	694.2E6	205.1E6	57.398	58.727
8) T	DICHLORPROP	8.114	7.636	1763.0E6	4253.0E6	640.062	5372.590 #
9) T	2,4-D	8.344	7.891	2155.3E6	578.8E6	643.261	618.329
10) T	Pentachlo...	8.654	8.320	18277.4E6	4696.3E6	504.863	478.222
11) T	2,4,5-TP ...	9.209	8.680	9665.8E6	2654.0E6	635.566	608.429
12) T	2,4,5-T	9.492	9.104f	8378.1E6	3279.8E6	560.833m	791.796m#
13) T	2,4-DB	10.035	9.552	2384.5E6	72925.4E6	871.711	128446.759 #
15) T	Picloram	11.041	10.882	11938.7E6	2872.7E6	580.796m	540.380
16) T	DCPA	11.476	10.831	11833.2E6	3501.0E6	661.412	665.681

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

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Operator : AJ\MA
Sample : N2140-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

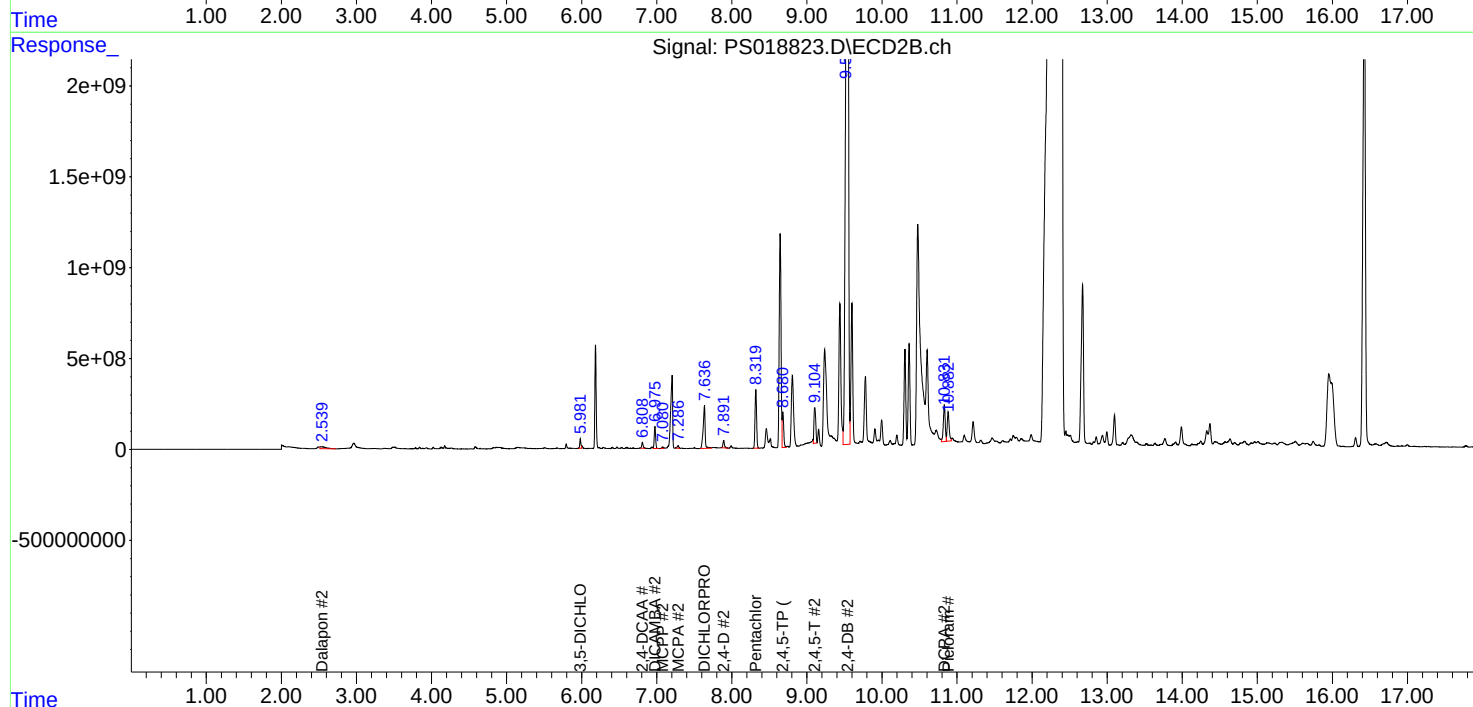
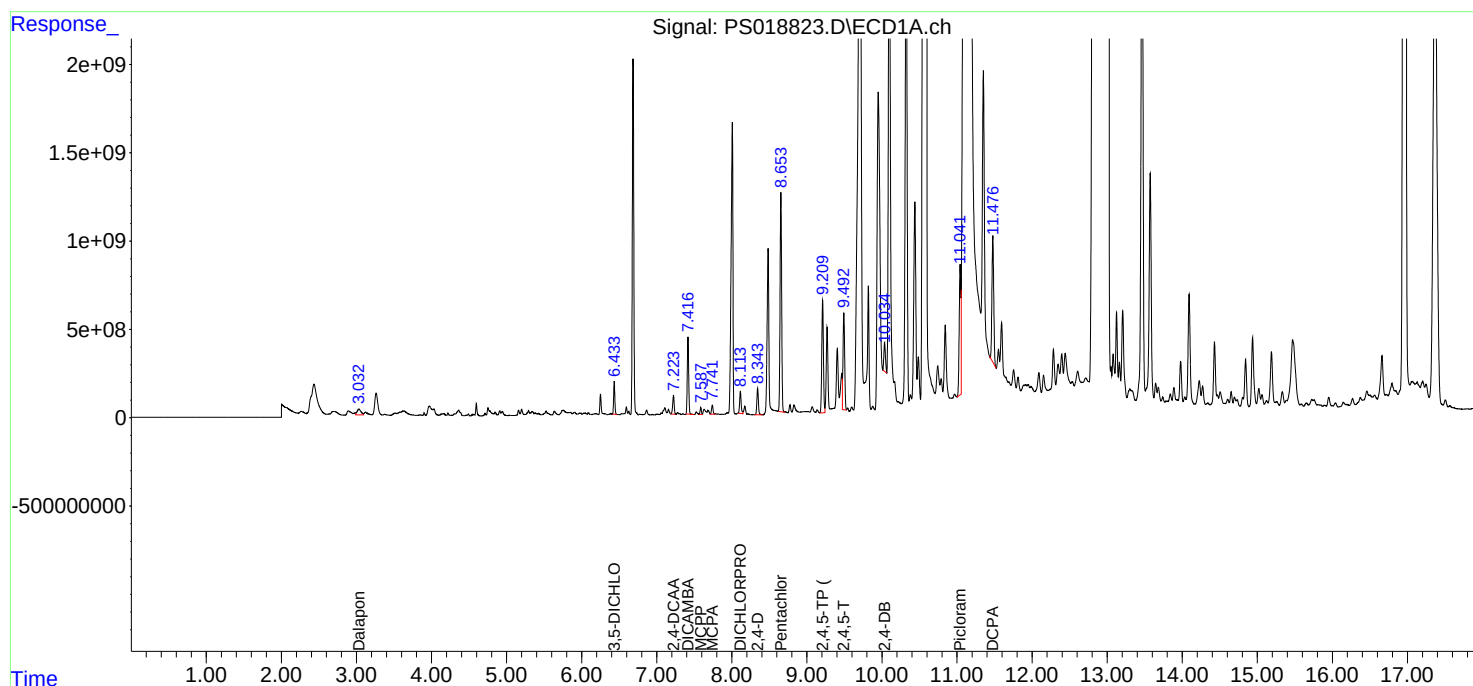
Instrument :
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ClientSampleId :
MHCMS

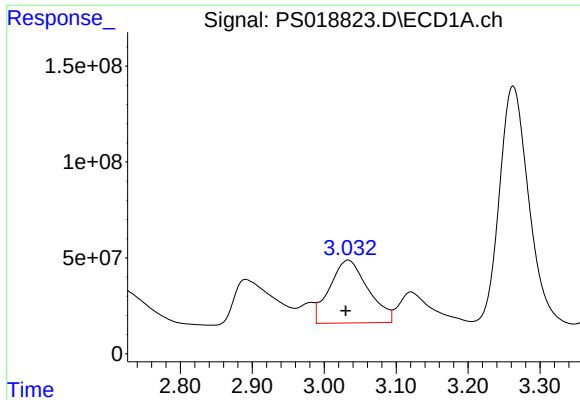
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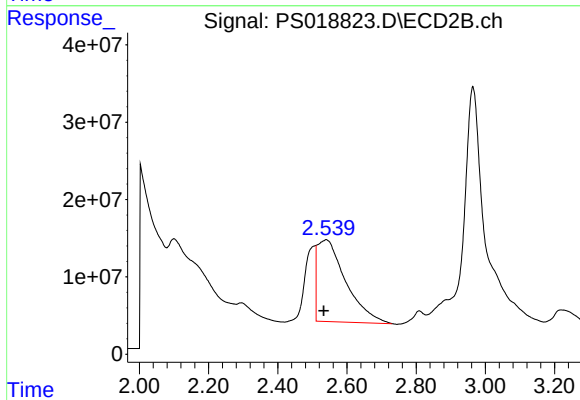
#1 Dalapon

R.T.: 3.033 min
Delta R.T.: 0.003 min
Response: 1217042388
Conc: 312.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
MHCMS

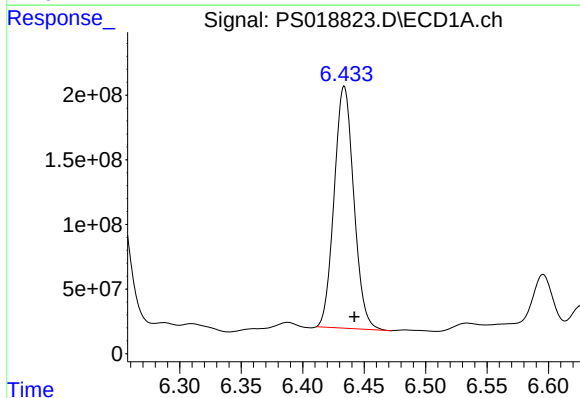
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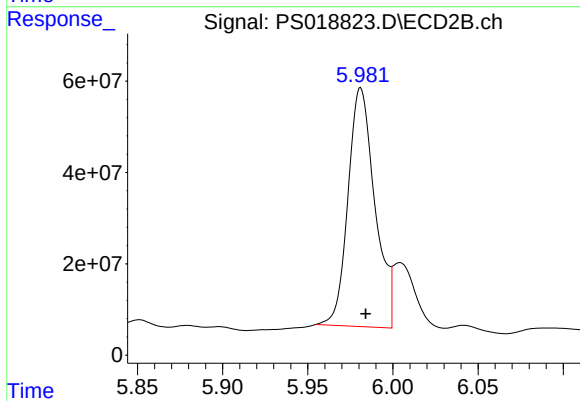
#1 Dalapon

R.T.: 2.539 min
Delta R.T.: 0.006 min
Response: 599252176
Conc: 725.08 ng/ml m



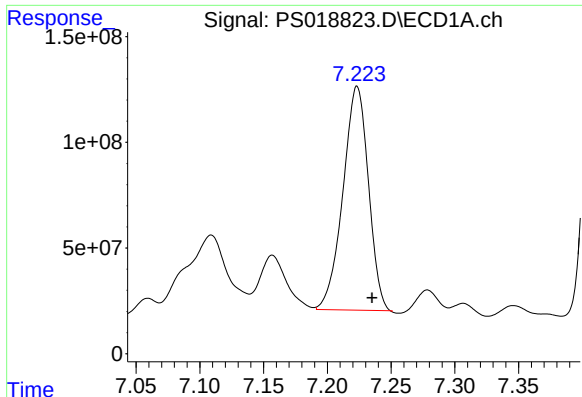
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.434 min
Delta R.T.: -0.008 min
Response: 2081659654
Conc: 540.19 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.981 min
Delta R.T.: -0.003 min
Response: 573517162
Conc: 548.24 ng/ml



#4 2,4-DCAA

R.T.: 7.223 min
Delta R.T.: -0.012 min
Response: 1472791883
Conc: 517.51 ng/ml

Instrument :

ECD_S

ClientSampleId :

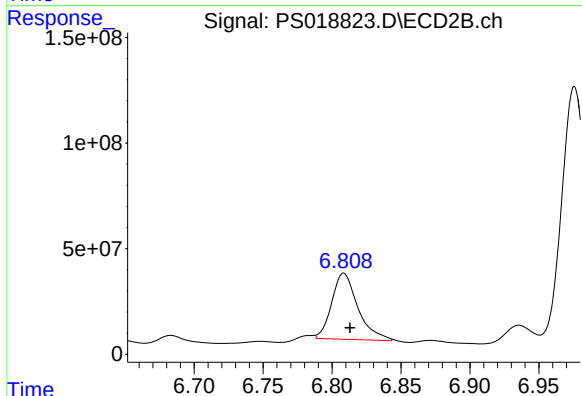
MHCMS

Manual Integrations

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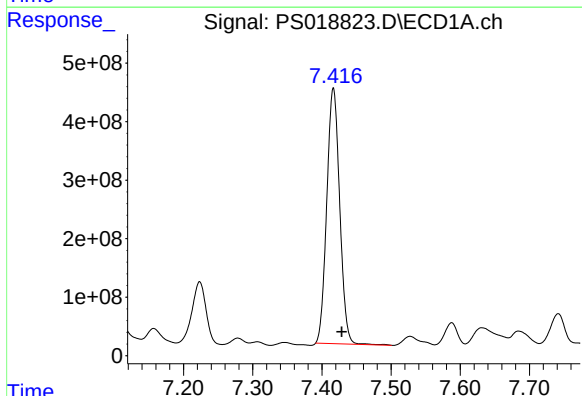
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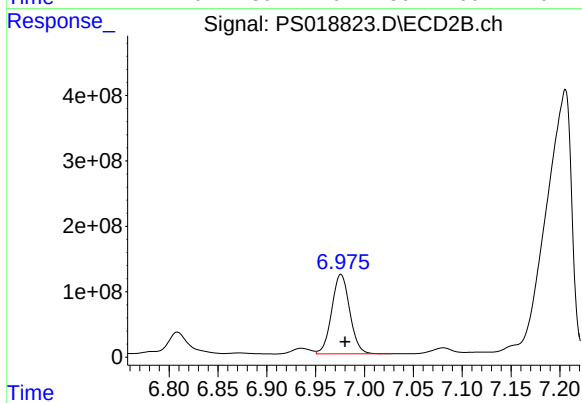
#4 2,4-DCAA

R.T.: 6.808 min
Delta R.T.: -0.005 min
Response: 412541382
Conc: 586.28 ng/ml m



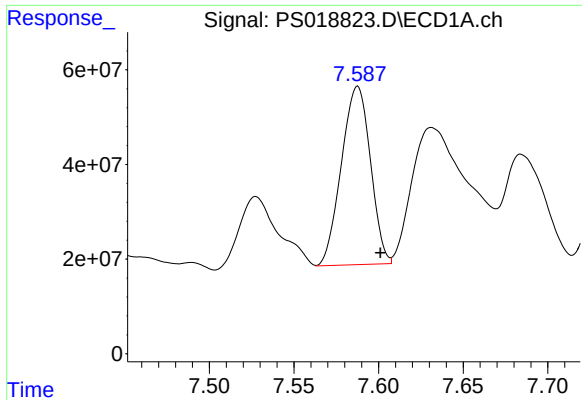
#5 DICAMBA

R.T.: 7.417 min
Delta R.T.: -0.012 min
Response: 5665362144
Conc: 519.44 ng/ml



#5 DICAMBA

R.T.: 6.976 min
Delta R.T.: -0.004 min
Response: 1561502632
Conc: 524.25 ng/ml



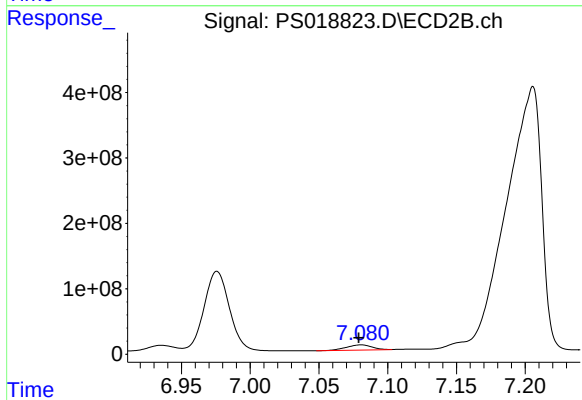
#6 MCPP

R.T.: 7.587 min
Delta R.T.: -0.014 min
Response: 450107212
Conc: 53.03 ug/ml

Instrument :
ECD_S
ClientSampleId :
MHCMS

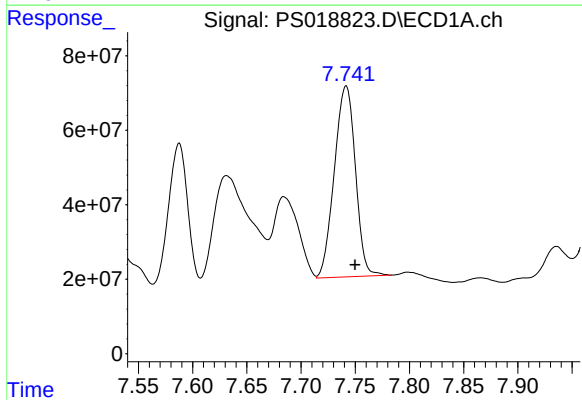
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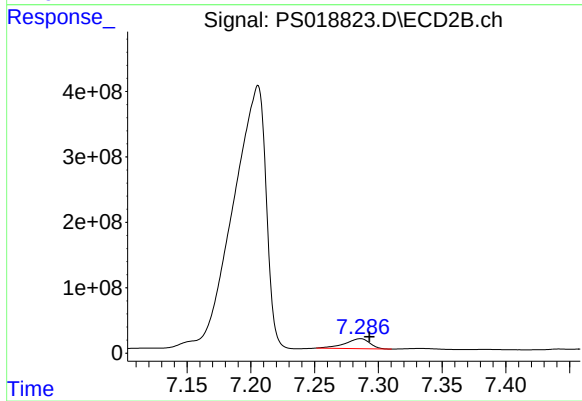
#6 MCPP

R.T.: 7.081 min
Delta R.T.: 0.002 min
Response: 104771176
Conc: 42.80 ug/ml



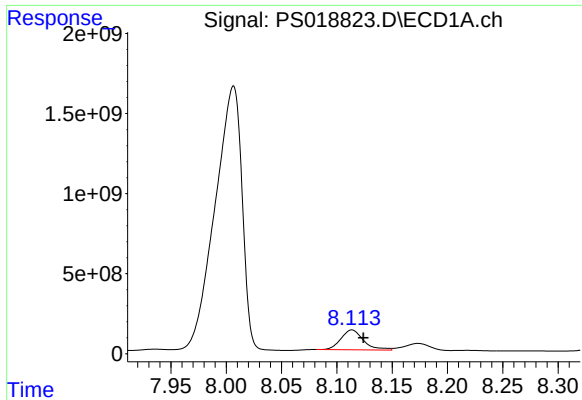
#7 MCPA

R.T.: 7.741 min
Delta R.T.: -0.009 min
Response: 694186645
Conc: 57.40 ug/ml



#7 MCPA

R.T.: 7.286 min
Delta R.T.: -0.007 min
Response: 205081480
Conc: 58.73 ug/ml



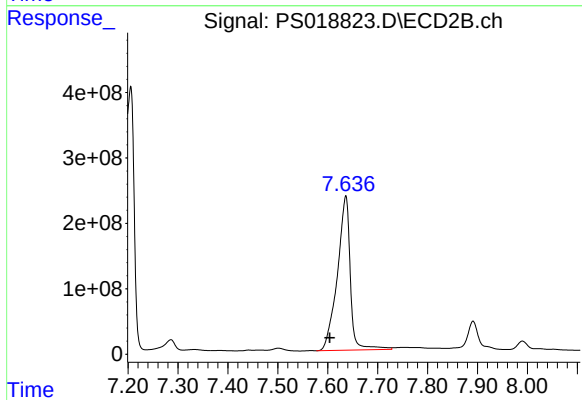
#8 DICHLORPROP

R.T.: 8.114 min
Delta R.T.: -0.010 min
Response: 1762980585
Conc: 640.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
MHCMS

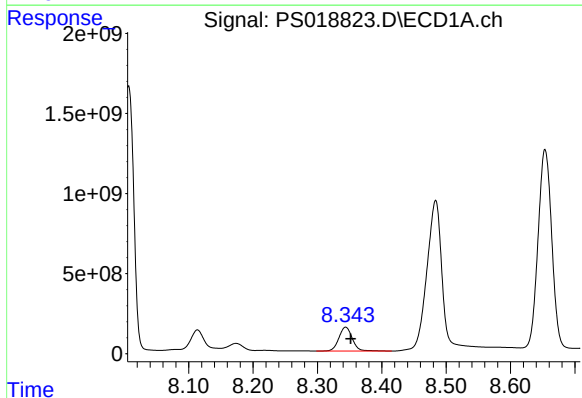
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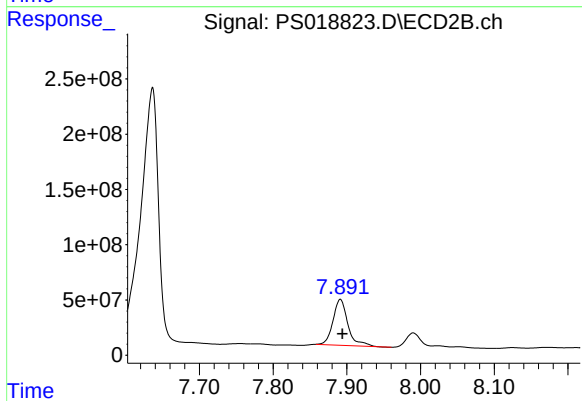
#8 DICHLORPROP

R.T.: 7.636 min
Delta R.T.: 0.032 min
Response: 4253011106
Conc: 5372.59 ng/ml



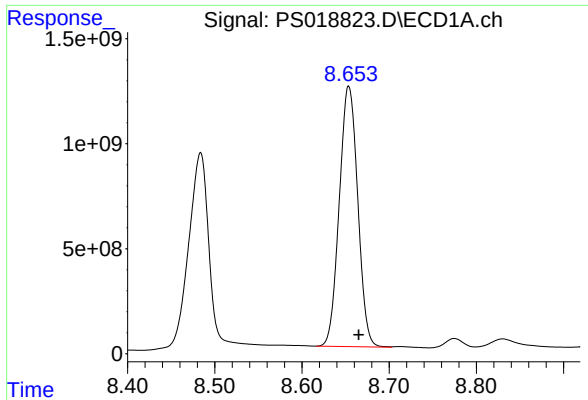
#9 2,4-D

R.T.: 8.344 min
Delta R.T.: -0.008 min
Response: 2155328981
Conc: 643.26 ng/ml



#9 2,4-D

R.T.: 7.891 min
Delta R.T.: -0.003 min
Response: 578765853
Conc: 618.33 ng/ml



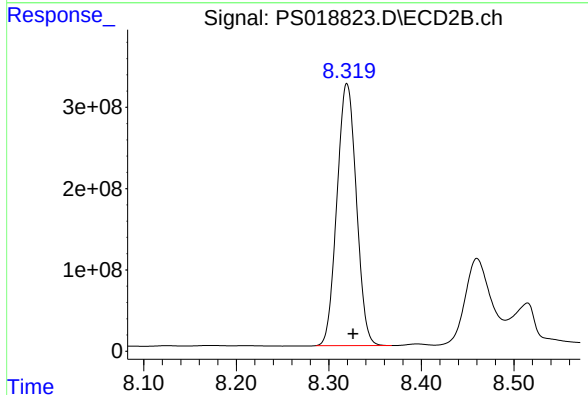
#10 Pentachlorophenol

R.T.: 8.654 min
Delta R.T.: -0.011 min
Response: 18277356372
Conc: 504.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
MHCMS

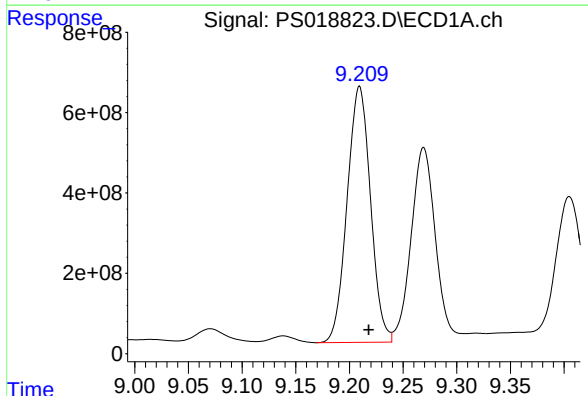
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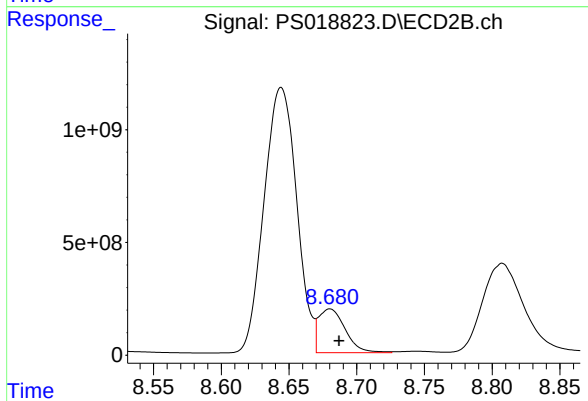
#10 Pentachlorophenol

R.T.: 8.320 min
Delta R.T.: -0.006 min
Response: 4696290732
Conc: 478.22 ng/ml



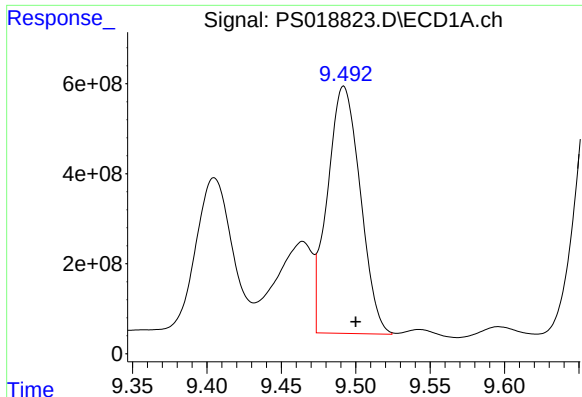
#11 2,4,5-TP (SILVEX)

R.T.: 9.209 min
Delta R.T.: -0.009 min
Response: 9665814493
Conc: 635.57 ng/ml



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

R.T.: 8.680 min
Delta R.T.: -0.007 min
Response: 2653967599
Conc: 608.43 ng/ml



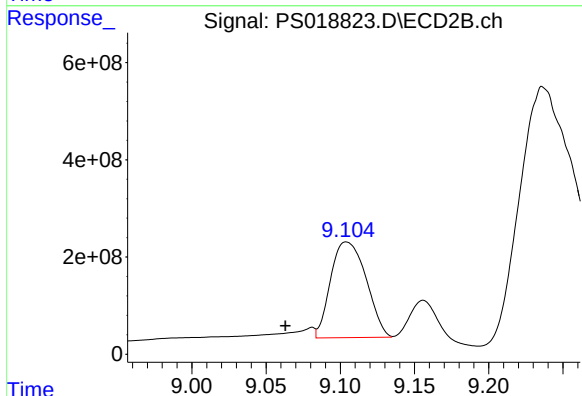
#12 2,4,5-T

R.T.: 9.492 min
Delta R.T.: -0.008 min
Response: 8378122030
Conc: 560.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
MHCMS

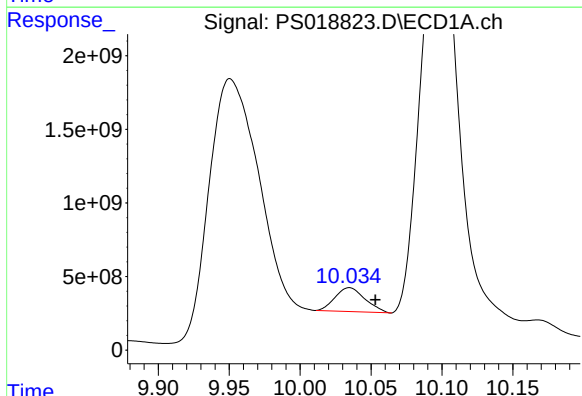
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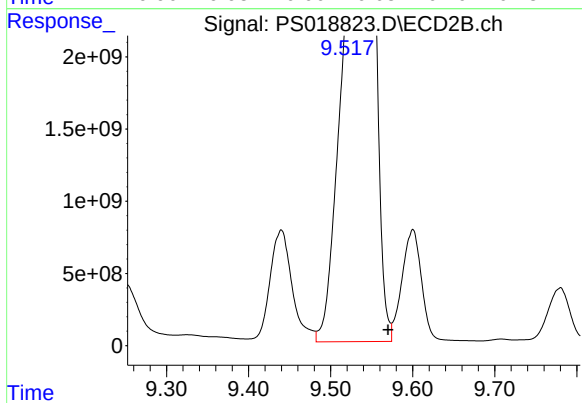
#12 2,4,5-T

R.T.: 9.104 min
Delta R.T.: 0.041 min
Response: 3279766484
Conc: 791.80 ng/ml m



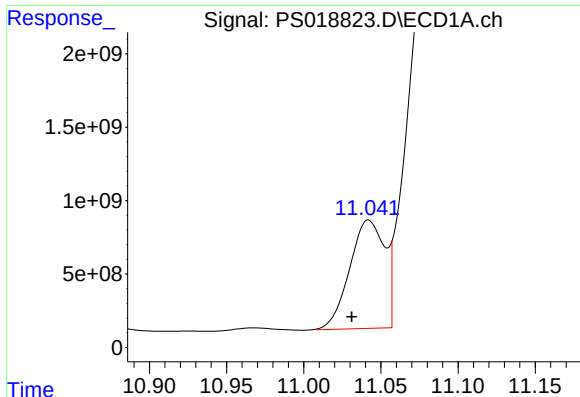
#13 2,4-DB

R.T.: 10.035 min
Delta R.T.: -0.018 min
Response: 2384485403
Conc: 871.71 ng/ml



#13 2,4-DB

R.T.: 9.552 min
Delta R.T.: -0.018 min
Response: 72925437045
Conc: 128446.76 ng/ml



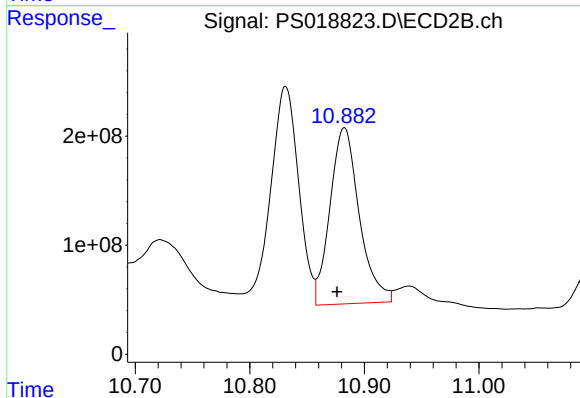
#15 Picloram

R.T.: 11.041 min
Delta R.T.: 0.010 min
Response: 11938696002
Conc: 580.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
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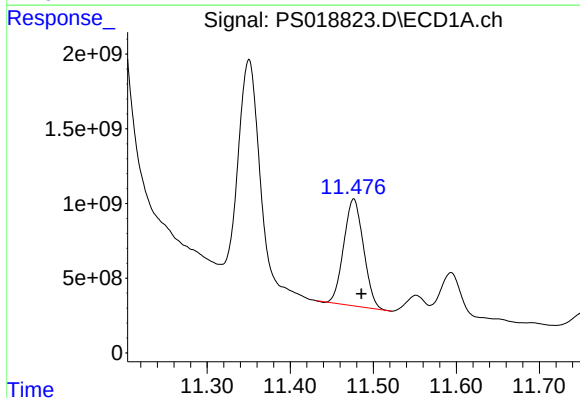
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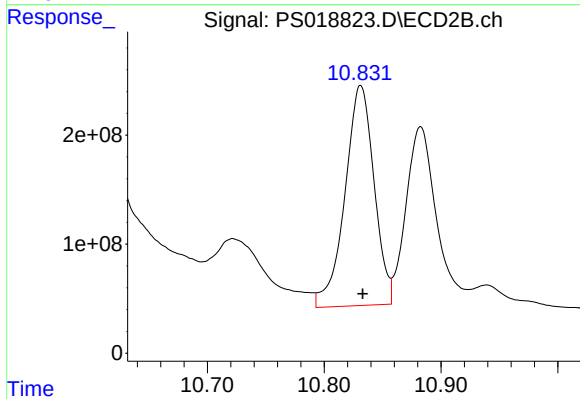
#15 Picloram

R.T.: 10.882 min
Delta R.T.: 0.006 min
Response: 2872711857
Conc: 540.38 ng/ml



#16 DCPA

R.T.: 11.476 min
Delta R.T.: -0.010 min
Response: 11833172075
Conc: 661.41 ng/ml



#16 DCPA

R.T.: 10.831 min
Delta R.T.: -0.002 min
Response: 3501000258
Conc: 665.68 ng/ml