

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS053123\
 Data File : PS023165.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2023 17:21
 Operator : AR\AJ
 Sample : 02953-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PNNL-RH-524-1MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/01/2023
 Supervised By : Ankita Jodhani 06/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 02:02:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051023.M
 Quant Title : 8080.M
 QLast Update : Wed May 10 16:09:19 2023
 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	6.494	6.858	1444.4E6	202.1E6	949.658	360.087 #
Target Compounds							
1) T	Dalapon	2.552	2.582	499.2E6	288.1E6	308.738	333.769
2) T	3,5-DICHL...	5.836	6.023	903.8E6	365.2E6	450.402	430.511
5) T	DICAMBA	6.632	7.025	2715.4E6	1047.9E6	413.514	420.623
6) T	MCP	6.789	7.119	216.0E6	93941882	46.229m	53.095
7) T	MCPA	6.917	7.328	296.1E6	133.4E6	42.298	50.385
8) T	DICHLORPROP	7.242	7.648	819.2E6	298.3E6	437.089	482.086
9) T	2,4-D	7.444	7.934	1052.3E6	337.4E6	454.711	471.606m
10) T	Pentachlo...	7.678	8.366	10461.0E6	3487.7E6	390.778	376.247
11) T	2,4,5-TP ...	8.215	8.725	5377.1E6	2005.3E6	460.327	563.270
12) T	2,4,5-T	8.475	9.100	5403.4E6	1472.8E6	467.533	458.684
13) T	2,4-DB	8.993	9.606	782.3E6	174.6E6	333.460	454.579 #
14) T	DINOSEB	10.064	9.935	2611.6E6	807.9E6	319.898m	341.507
15) T	Picloram	9.886	10.900	6714.2E6	1520.9E6	391.537	357.117
16) T	DCPA	10.334	10.863	6387.6E6	1762.7E6	489.650	471.720

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

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Acq On : 31 May 2023 17:21
Operator : AR\AJ
Sample : 02953-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

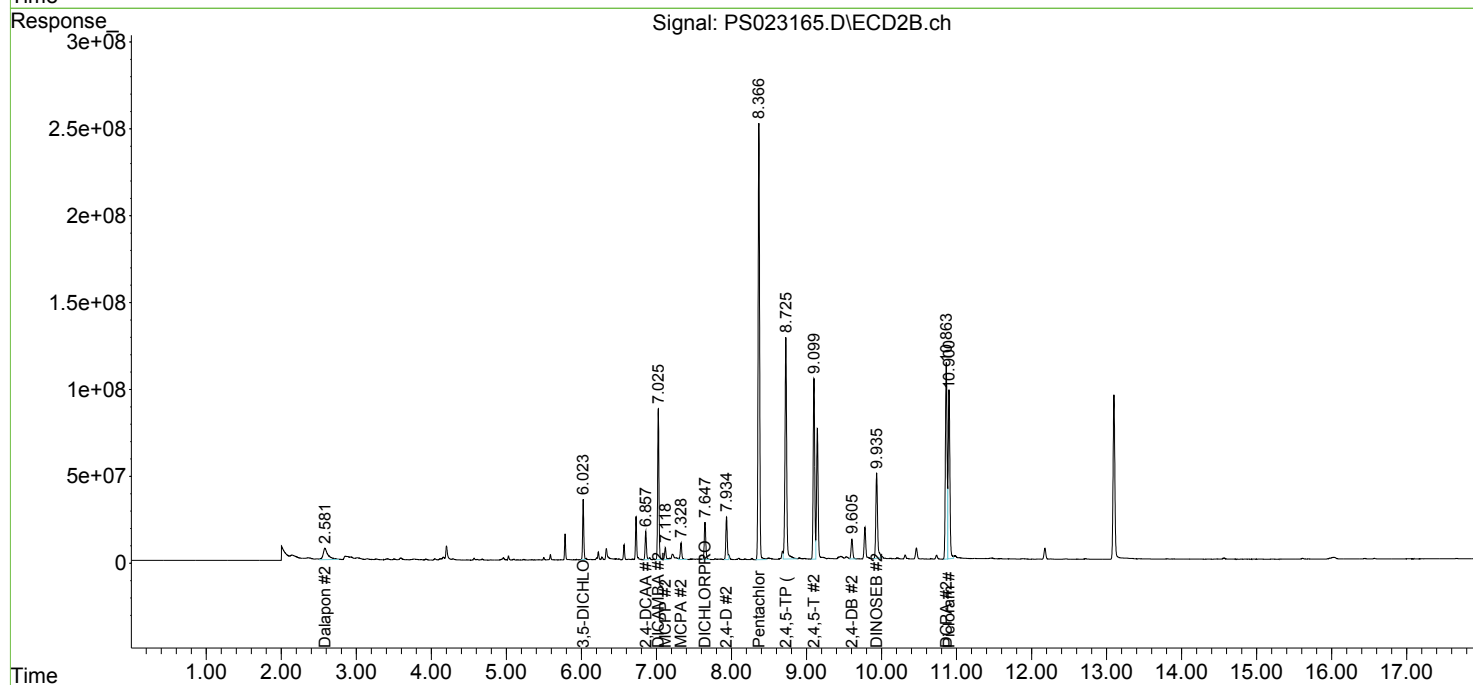
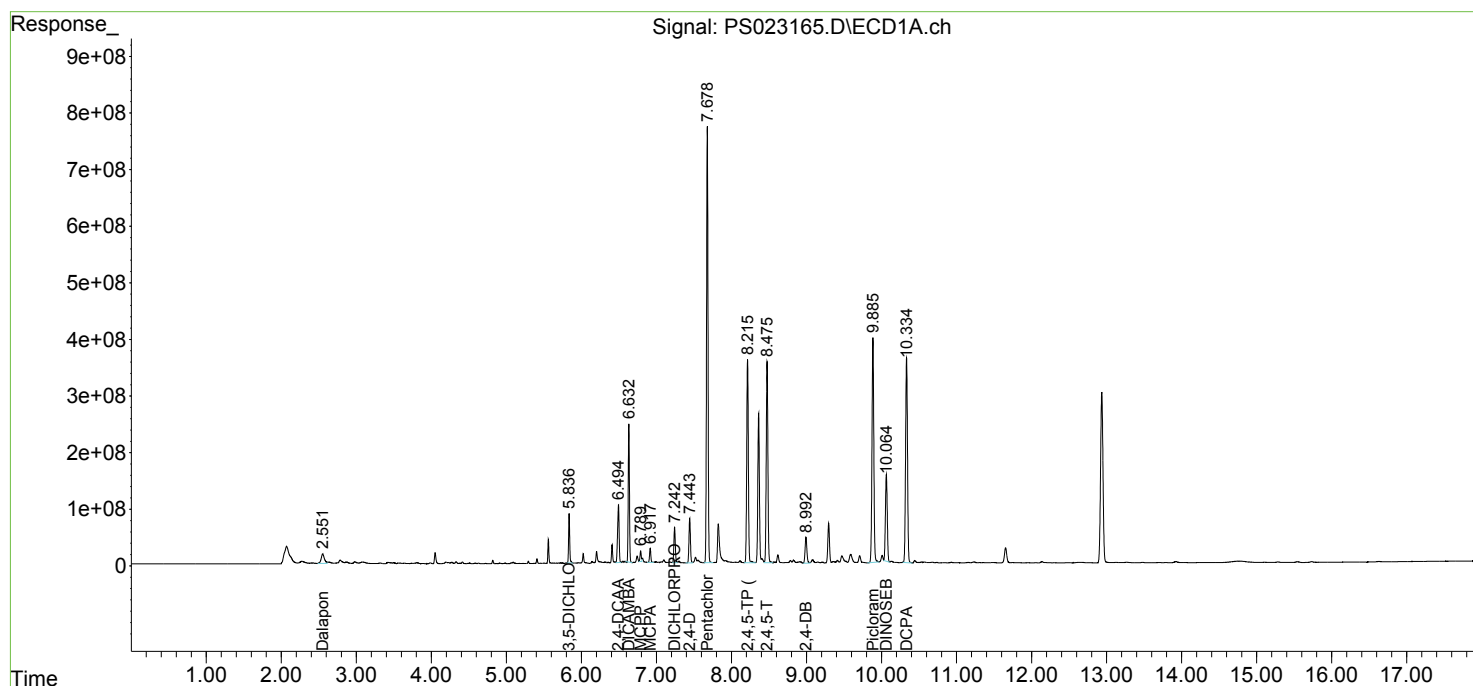
Instrument :
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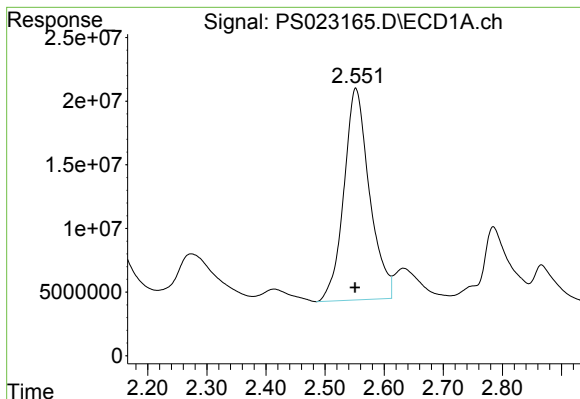
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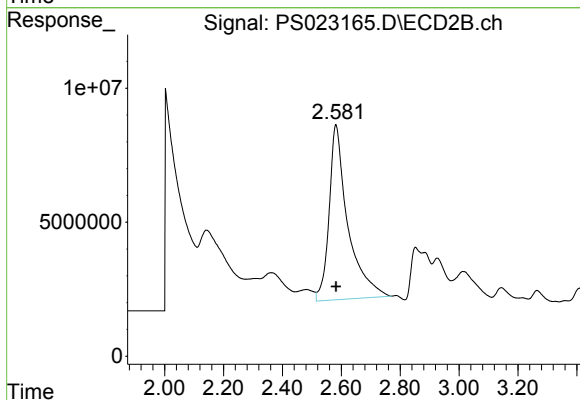
#1 Dalapon

R.T.: 2.552 min
Delta R.T.: 0.000 min
Response: 499203070
Conc: 308.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
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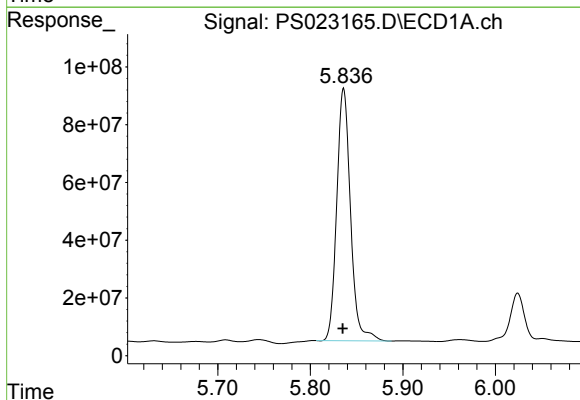
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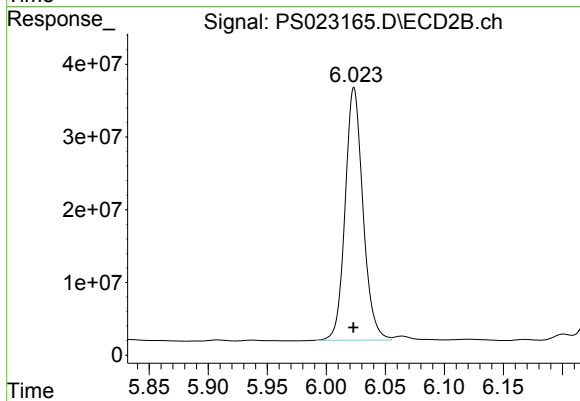
#1 Dalapon

R.T.: 2.582 min
Delta R.T.: 0.000 min
Response: 288096285
Conc: 333.77 ng/ml



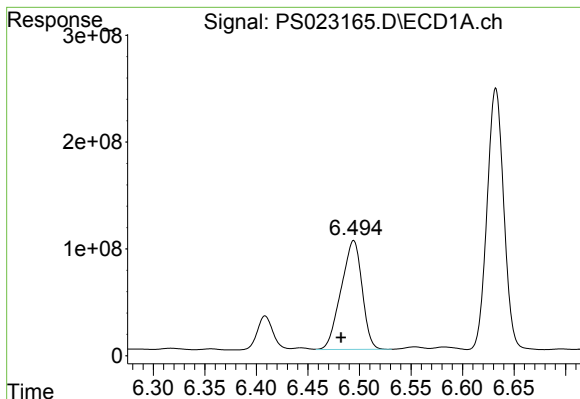
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.836 min
Delta R.T.: 0.001 min
Response: 903838604
Conc: 450.40 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.023 min
Delta R.T.: 0.000 min
Response: 365164180
Conc: 430.51 ng/ml



#4 2,4-DCAA

R.T.: 6.494 min
Delta R.T.: 0.012 min
Response: 1444424747
Conc: 949.66 ng/ml

Instrument :

ECD_S

ClientSampleId :

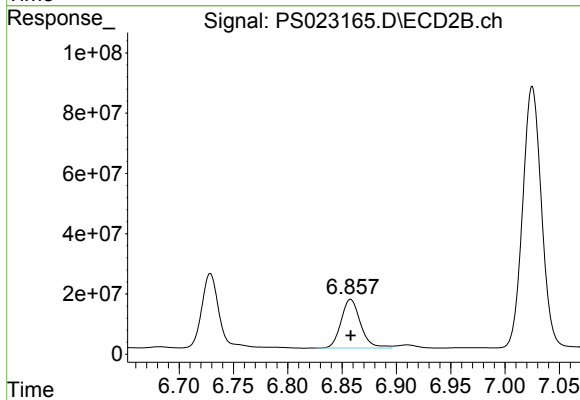
PNNL-RH-524-1MS

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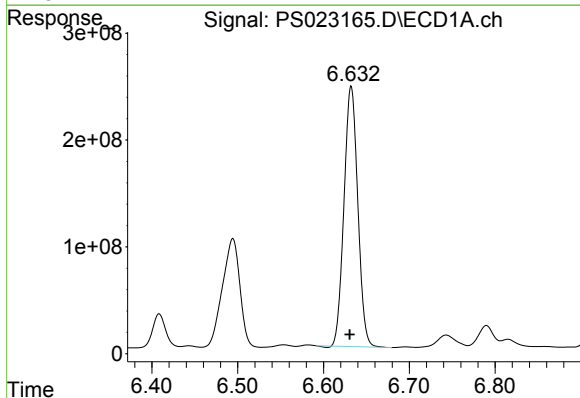
Reviewed By :Abdul Mirza 06/01/2023

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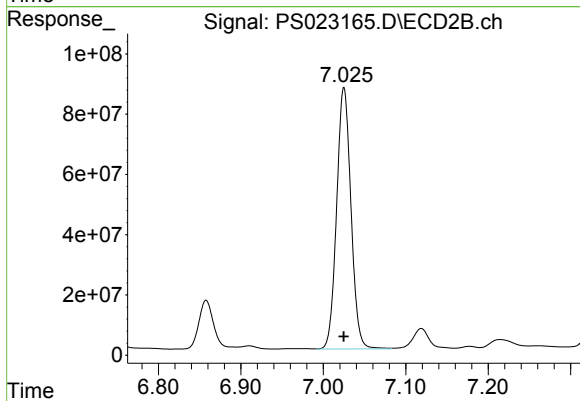
#4 2,4-DCAA

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 202050115
Conc: 360.09 ng/ml



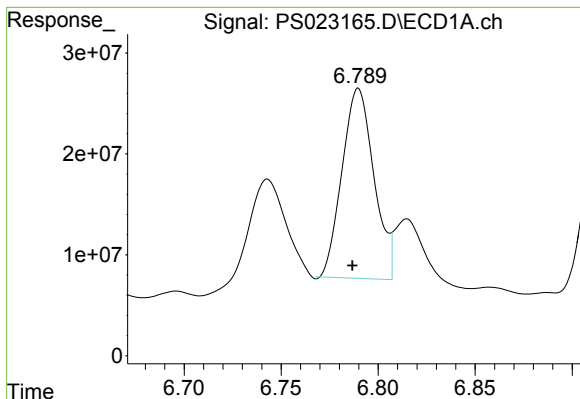
#5 DICAMBA

R.T.: 6.632 min
Delta R.T.: 0.002 min
Response: 2715379434
Conc: 413.51 ng/ml



#5 DICAMBA

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 1047934765
Conc: 420.62 ng/ml



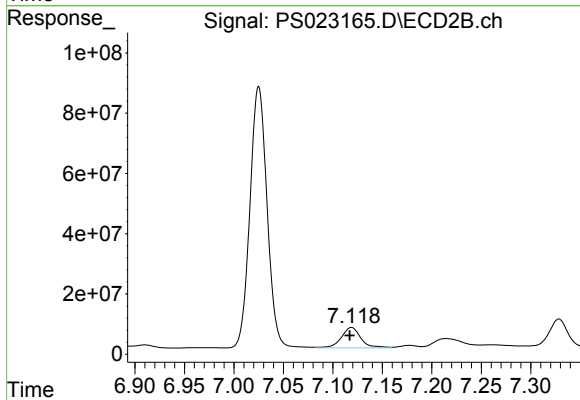
#6 MCPP

R.T.: 6.789 min
Delta R.T.: 0.003 min
Response: 216013019
Conc: 46.23 ug/ml

Instrument :
ECD_S
ClientSampleId :
PNNL-RH-524-1MS

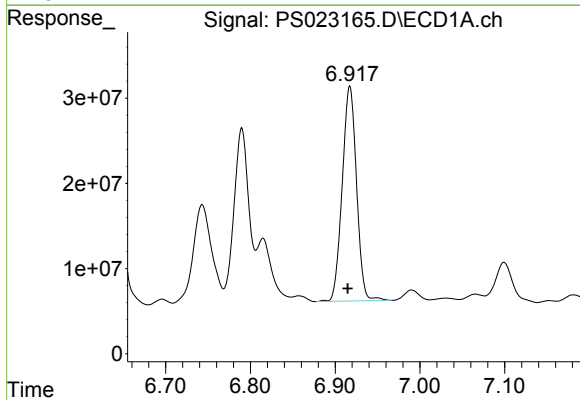
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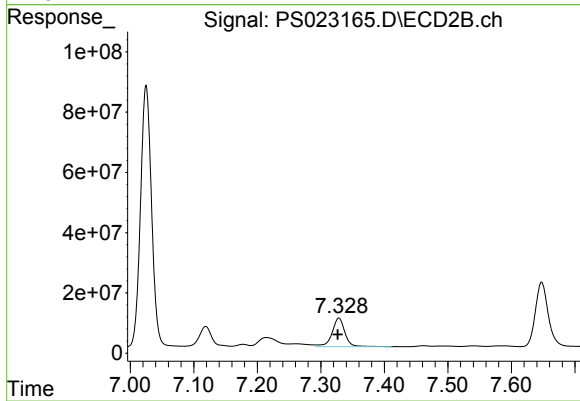
#6 MCPP

R.T.: 7.119 min
Delta R.T.: 0.002 min
Response: 93941882
Conc: 53.10 ug/ml



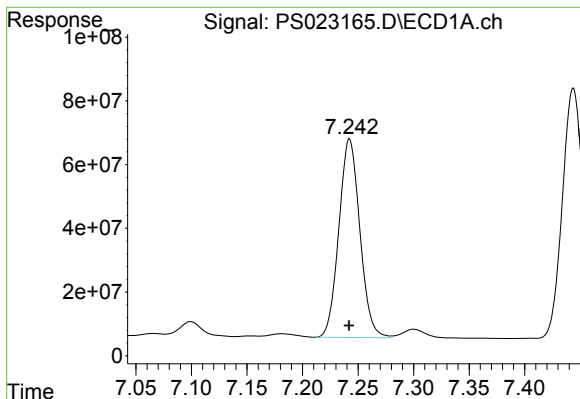
#7 MCPA

R.T.: 6.917 min
Delta R.T.: 0.002 min
Response: 296121855
Conc: 42.30 ug/ml



#7 MCPA

R.T.: 7.328 min
Delta R.T.: 0.002 min
Response: 133411319
Conc: 50.38 ug/ml



#8 DICHLORPROP

R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 819156719
Conc: 437.09 ng/ml

Instrument :

ECD_S

ClientSampleId :

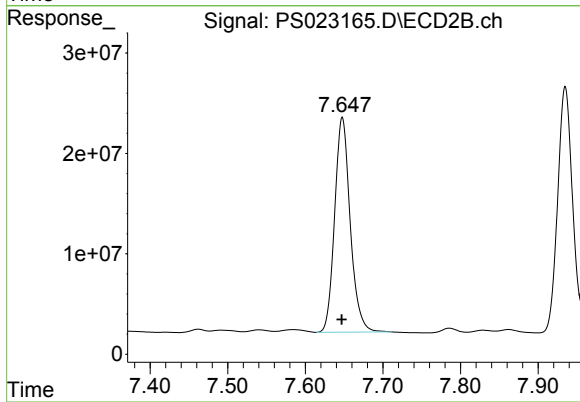
PNNL-RH-524-1MS

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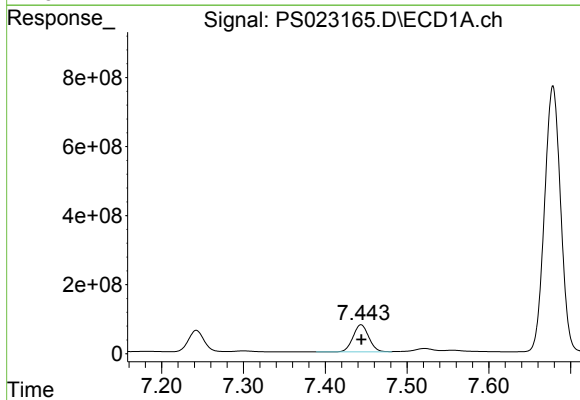
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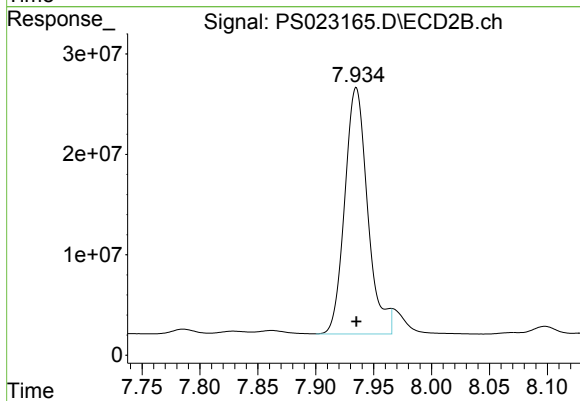
#8 DICHLORPROP

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 298343045
Conc: 482.09 ng/ml



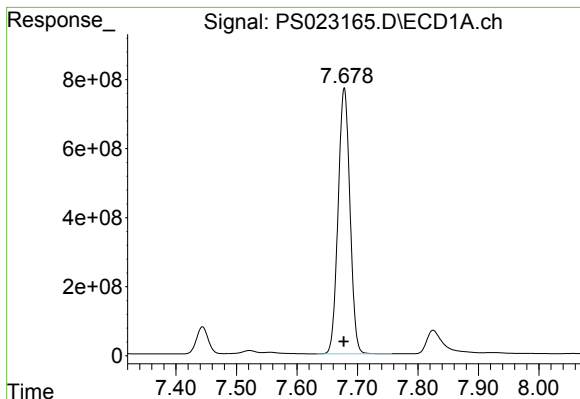
#9 2,4-D

R.T.: 7.444 min
Delta R.T.: 0.000 min
Response: 1052330850
Conc: 454.71 ng/ml



#9 2,4-D

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 337396134
Conc: 471.61 ng/ml m



#10 Pentachlorophenol

R.T.: 7.678 min
Delta R.T.: 0.000 min
Response: 10461036981
Conc: 390.78 ng/ml

Instrument :

ECD_S

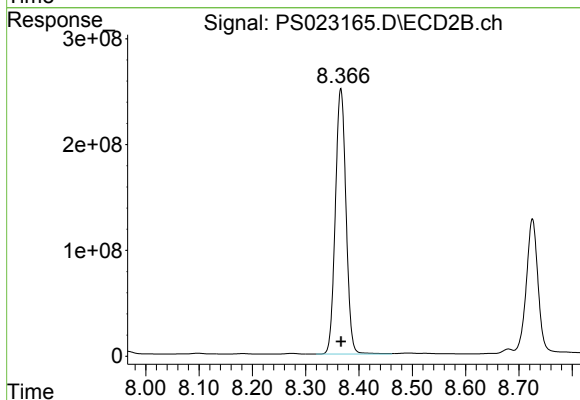
ClientSampleId :

PNNL-RH-524-1MS

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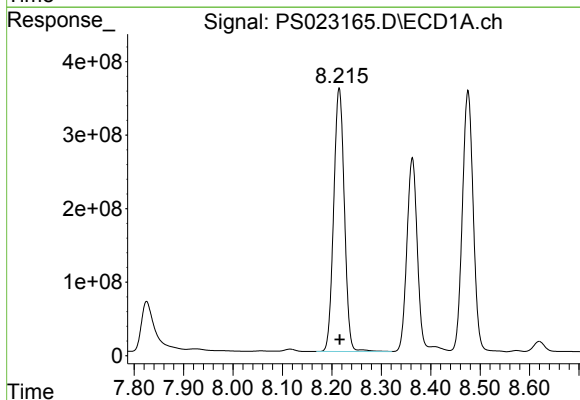
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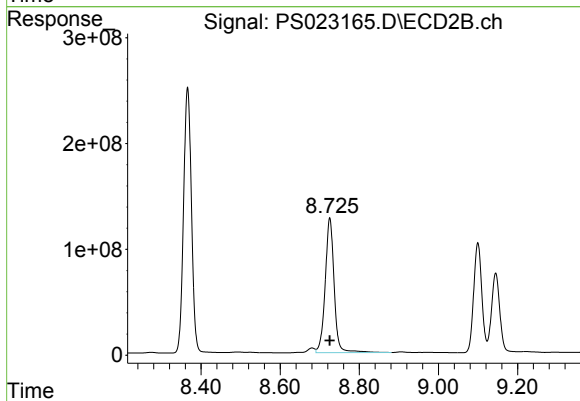
#10 Pentachlorophenol

R.T.: 8.366 min
Delta R.T.: 0.000 min
Response: 3487672705
Conc: 376.25 ng/ml



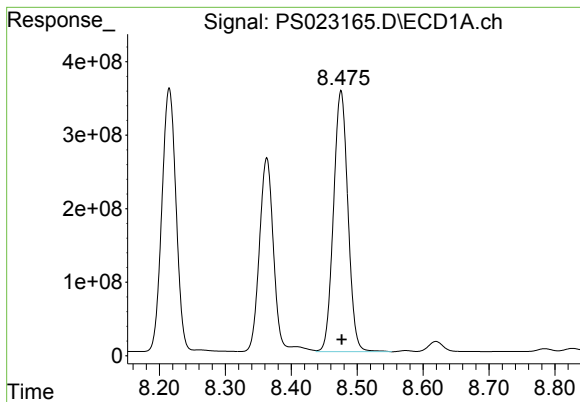
#11 2,4,5-TP (SILVEX)

R.T.: 8.215 min
Delta R.T.: 0.000 min
Response: 5377113646
Conc: 460.33 ng/ml



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

R.T.: 8.725 min
Delta R.T.: 0.000 min
Response: 2005319194
Conc: 563.27 ng/ml



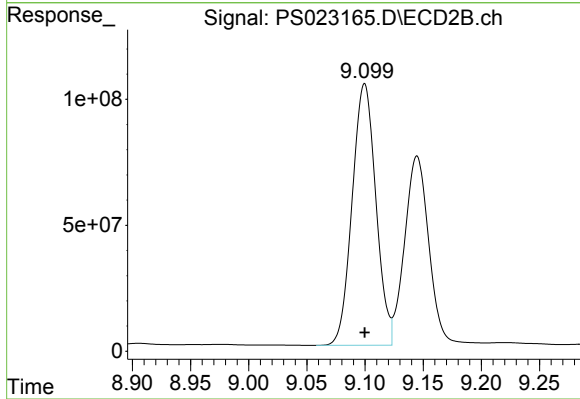
#12 2,4,5-T

R.T.: 8.475 min
Delta R.T.: -0.001 min
Response: 5403368407
Conc: 467.53 ng/ml

Instrument :
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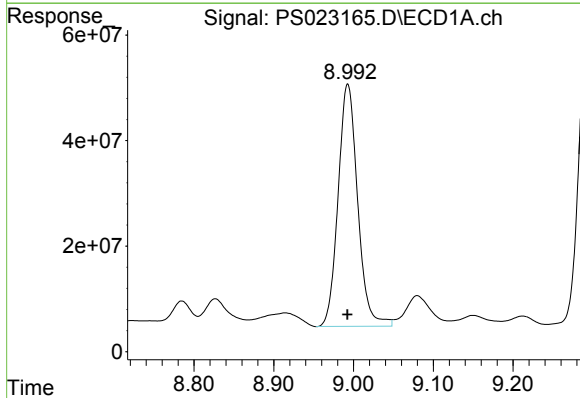
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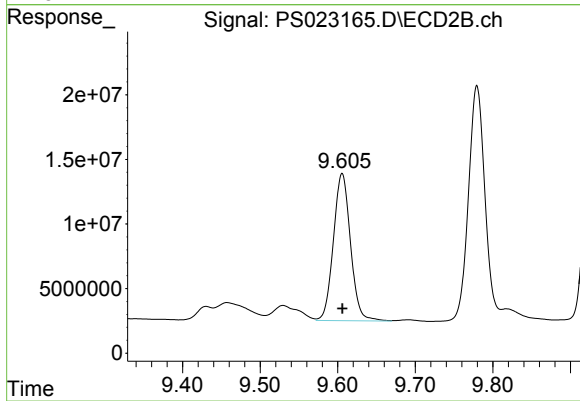
#12 2,4,5-T

R.T.: 9.100 min
Delta R.T.: 0.000 min
Response: 1472757561
Conc: 458.68 ng/ml



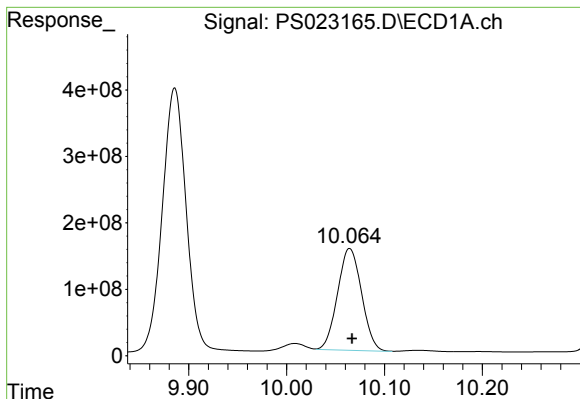
#13 2,4-DB

R.T.: 8.993 min
Delta R.T.: 0.000 min
Response: 782303386
Conc: 333.46 ng/ml



#13 2,4-DB

R.T.: 9.606 min
Delta R.T.: 0.000 min
Response: 174553517
Conc: 454.58 ng/ml



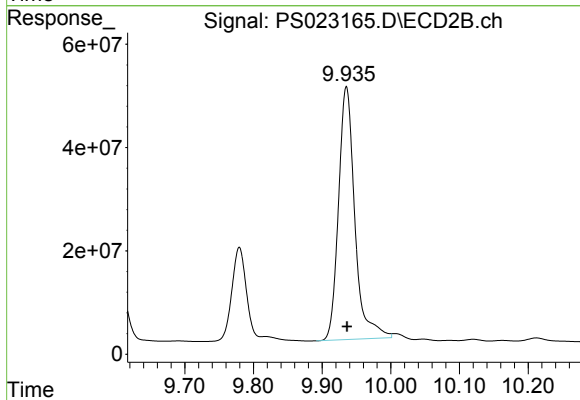
#14 DINOSEB

R.T.: 10.064 min
Delta R.T.: -0.003 min
Response: 2611600843
Conc: 319.90 ng/ml

Instrument :
ECD_S
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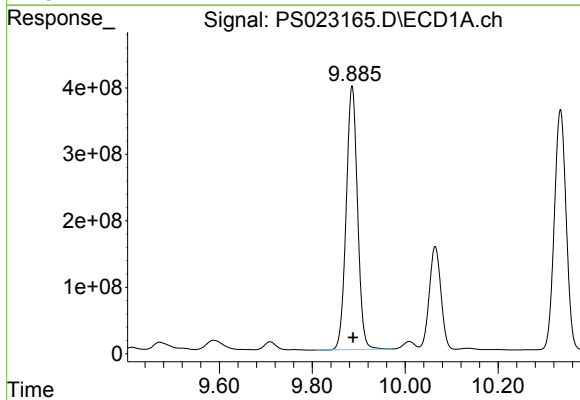
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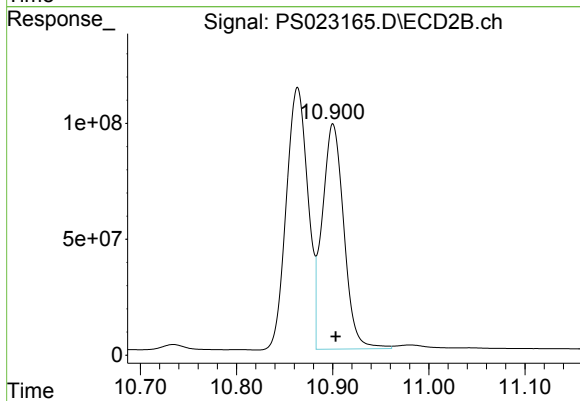
#14 DINOSEB

R.T.: 9.935 min
Delta R.T.: 0.000 min
Response: 807857292
Conc: 341.51 ng/ml



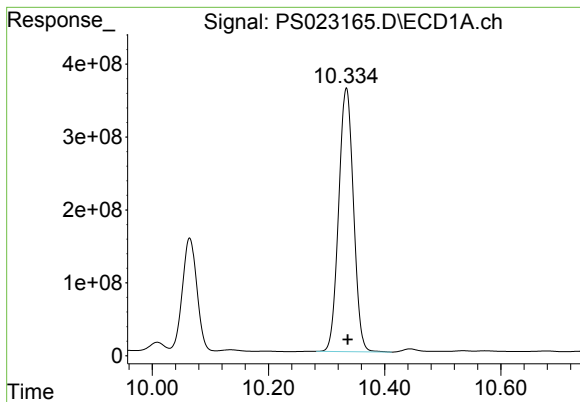
#15 Picloram

R.T.: 9.886 min
Delta R.T.: -0.002 min
Response: 6714239258
Conc: 391.54 ng/ml



#15 Picloram

R.T.: 10.900 min
Delta R.T.: -0.003 min
Response: 1520904603
Conc: 357.12 ng/ml



#16 DCPA

R.T.: 10.334 min
Delta R.T.: -0.002 min
Response: 6387599839
Conc: 489.65 ng/ml

Instrument :

ECD_S

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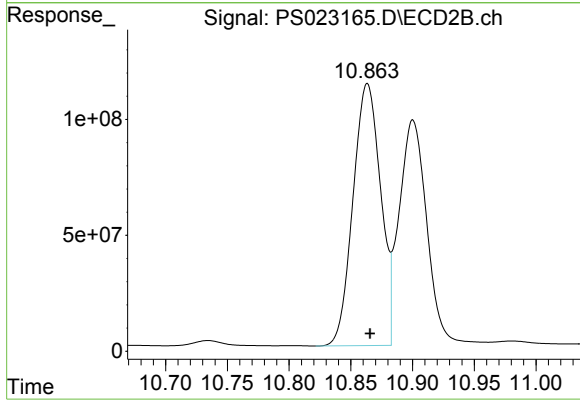
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#16 DCPA

R.T.: 10.863 min
Delta R.T.: -0.002 min
Response: 1762659047
Conc: 471.72 ng/ml