

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070123\
 Data File : PS023574.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2023 16:40
 Operator : AR\AJ
 Sample : 03428-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PNNL-APM-0621-1MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/03/2023
 Supervised By : Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 12:39:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060623.M
 Quant Title : 8080.M
 QLast Update : Tue Jun 06 13:00:04 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	6.486	6.844	860.9E6	262.8E6	486.592	462.856m
Target Compounds							
1) T	Dalapon	2.548	2.572	705.6E6	342.8E6	385.871m	373.947
2) T	3,5-DICHL...	5.838	6.014	1278.3E6	396.9E6	475.815	448.422
5) T	DICAMBA	6.634	7.010	3401.7E6	1121.0E6	436.471	437.433
6) T	MCP	6.792	7.105	241.6E6	101.0E6	43.827	56.517 #
7) T	MCPA	6.920	7.314	348.9E6	138.9E6	44.557m	51.669
8) T	DICHLORPROP	7.245	7.632	946.6E6	297.6E6	458.711	481.135
9) T	2,4-D	7.446	7.919	1236.8E6	334.7E6	506.203m	482.562
10) T	Pentachlo...	7.679	8.349	13770.1E6	4286.4E6	488.659	473.800
11) T	2,4,5-TP ...	8.217	8.709	5679.5E6	1679.3E6	491.169	503.198
12) T	2,4,5-T	8.478	9.083	5571.5E6	1496.8E6	490.439	488.263
13) T	2,4-DB	8.997	9.588	802.3E6	182.7E6	340.824	492.777 #
14) T	DINOSEB	10.068	9.917	3471.1E6	999.4E6	419.103	421.138m
15) T	Picloram	9.890	10.881	7027.3E6	1710.1E6	404.926	374.717
16) T	DCPA	10.338	10.845	7000.5E6	2022.6E6	502.169	504.161

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

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Operator : AR\AJ
Sample : 03428-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

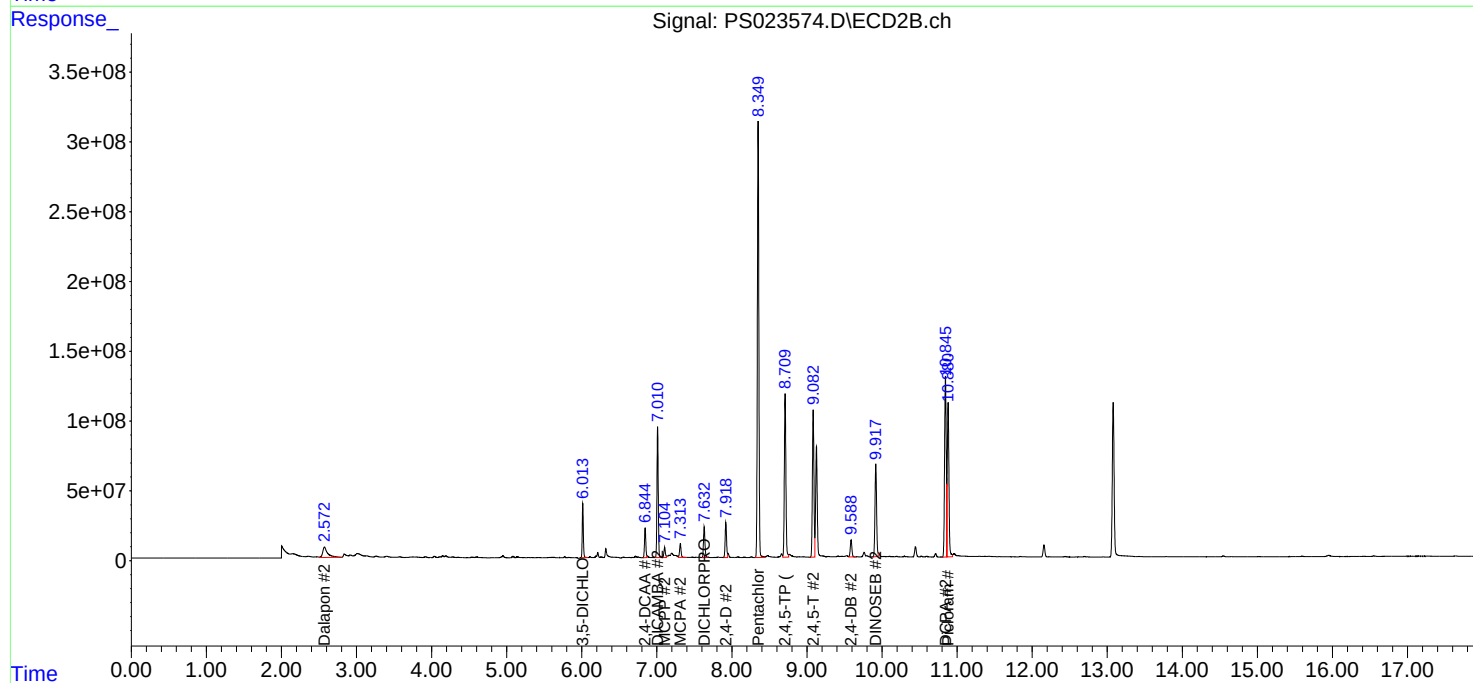
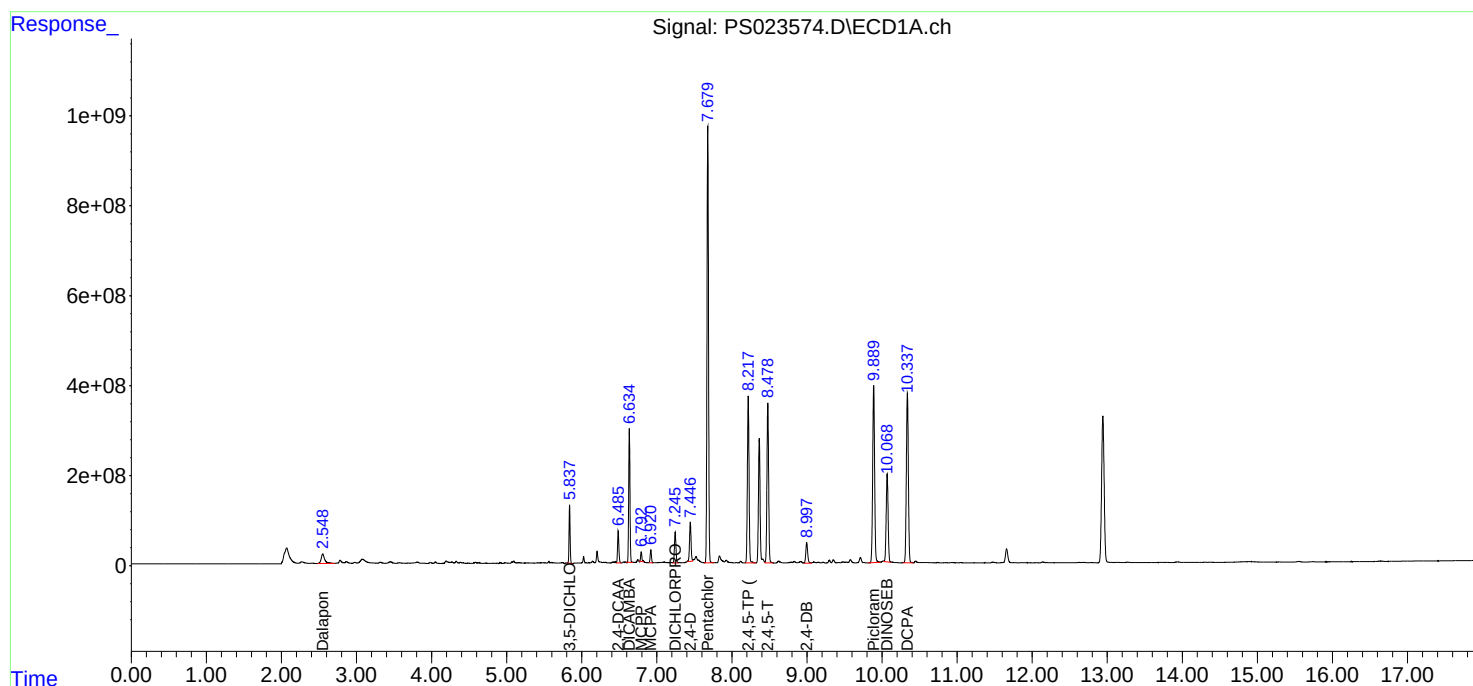
Instrument :
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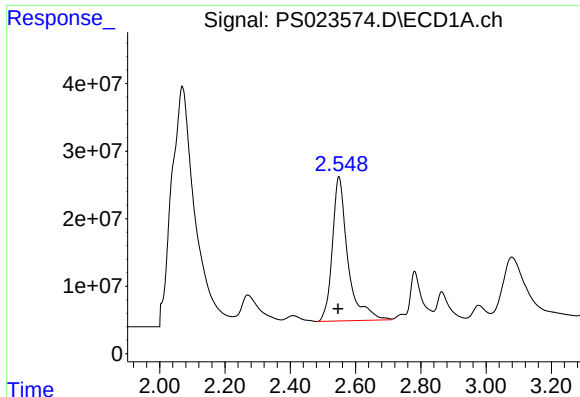
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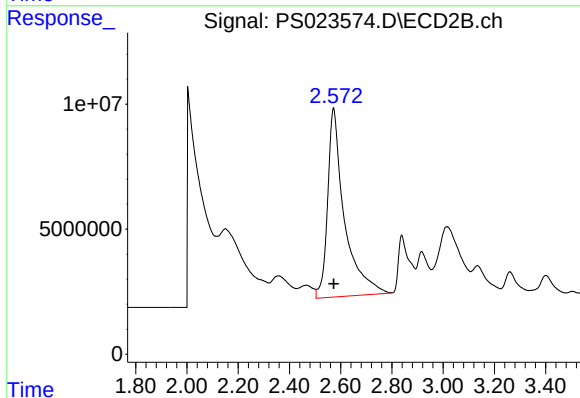
#1 Dalapon

R.T.: 2.548 min
Delta R.T.: 0.001 min
Response: 705576688
Conc: 385.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
PNNL-APM-0621-1MSD

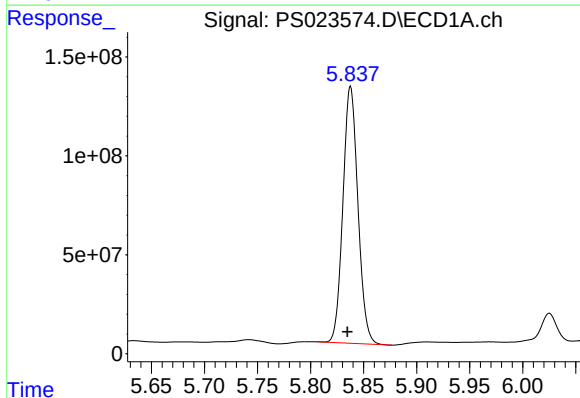
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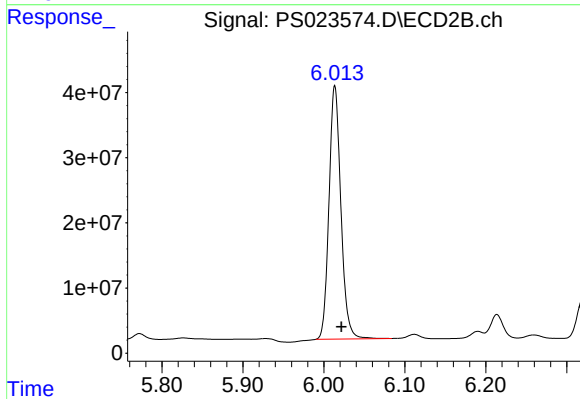
#1 Dalapon

R.T.: 2.572 min
Delta R.T.: -0.001 min
Response: 342778578
Conc: 373.95 ng/ml



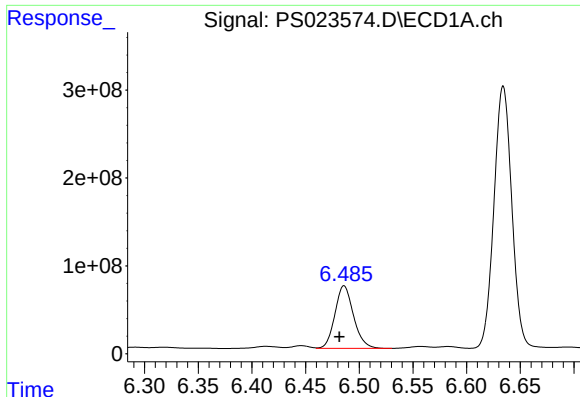
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.838 min
Delta R.T.: 0.003 min
Response: 1278321038
Conc: 475.82 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.014 min
Delta R.T.: -0.008 min
Response: 396936675
Conc: 448.42 ng/ml



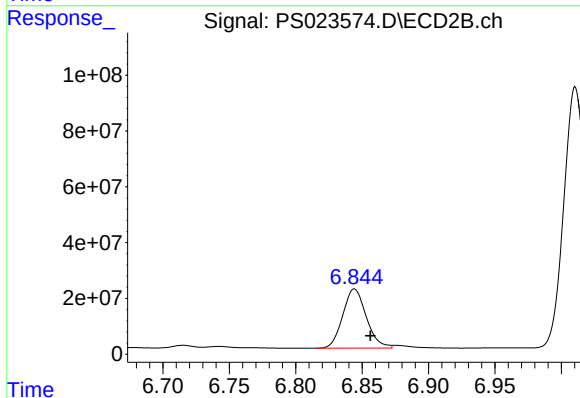
#4 2,4-DCAA

R.T.: 6.486 min
Delta R.T.: 0.004 min
Response: 860905580
Conc: 486.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
PNNL-APM-0621-1MSD

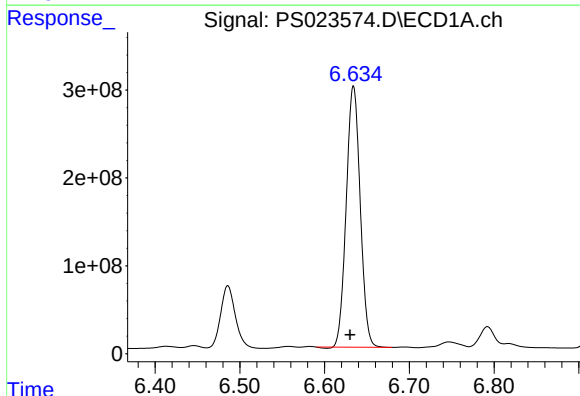
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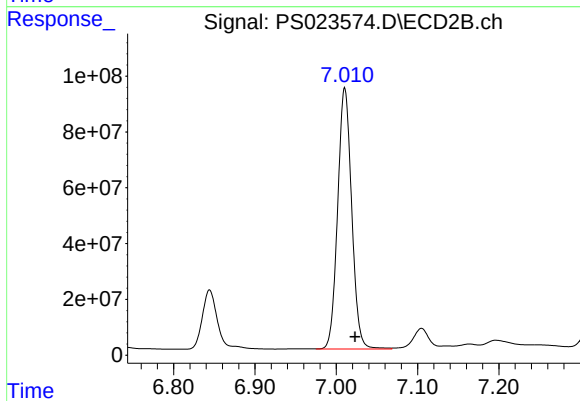
#4 2,4-DCAA

R.T.: 6.844 min
Delta R.T.: -0.012 min
Response: 262761407
Conc: 462.86 ng/ml m



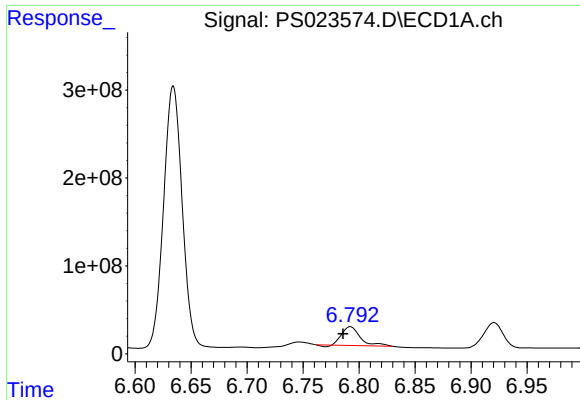
#5 DICAMBA

R.T.: 6.634 min
Delta R.T.: 0.004 min
Response: 3401744457
Conc: 436.47 ng/ml



#5 DICAMBA

R.T.: 7.010 min
Delta R.T.: -0.013 min
Response: 1121011535
Conc: 437.43 ng/ml



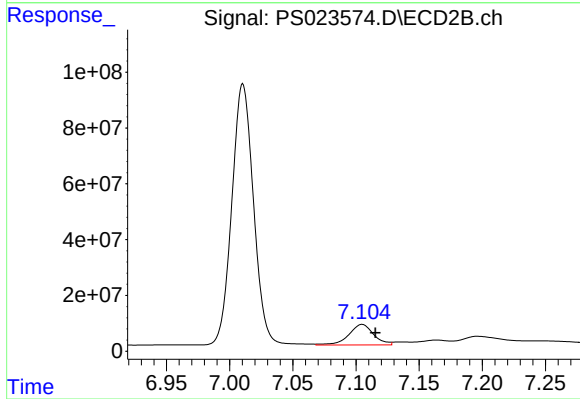
#6 MCPP

R.T.: 6.792 min
Delta R.T.: 0.007 min
Response: 241551623
Conc: 43.83 ug/ml

Instrument :
ECD_S
ClientSampleId :
PNNL-APM-0621-1MSD

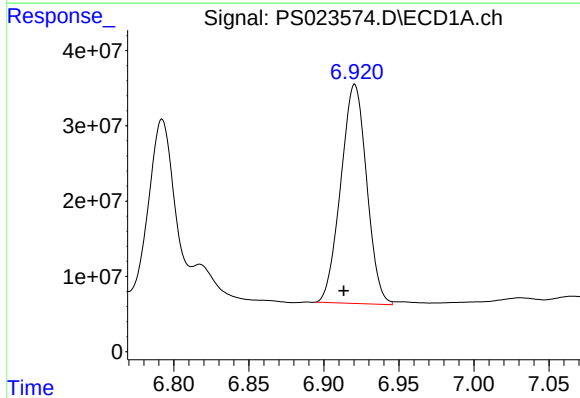
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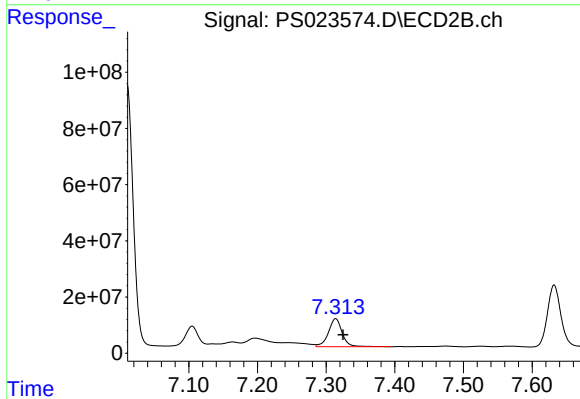
#6 MCPP

R.T.: 7.105 min
Delta R.T.: -0.010 min
Response: 101033981
Conc: 56.52 ug/ml



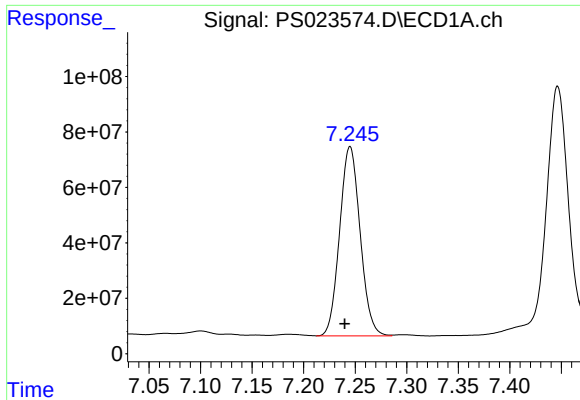
#7 MCPA

R.T.: 6.920 min
Delta R.T.: 0.007 min
Response: 348863054
Conc: 44.56 ug/ml m



#7 MCPA

R.T.: 7.314 min
Delta R.T.: -0.011 min
Response: 138866330
Conc: 51.67 ug/ml



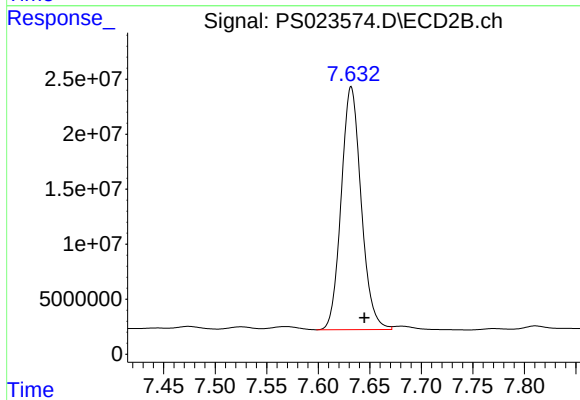
#8 DICHLORPROP

R.T.: 7.245 min
Delta R.T.: 0.005 min
Response: 946562695
Conc: 458.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
PNNL-APM-0621-1MSD

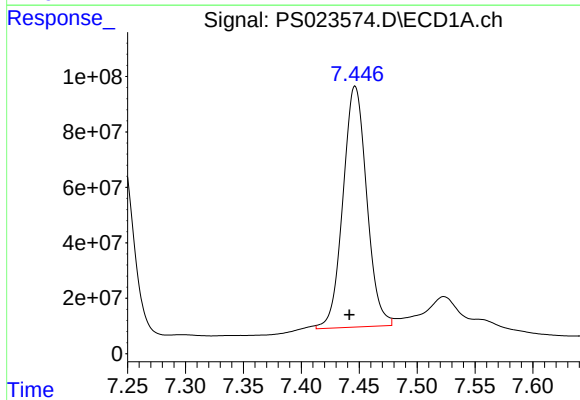
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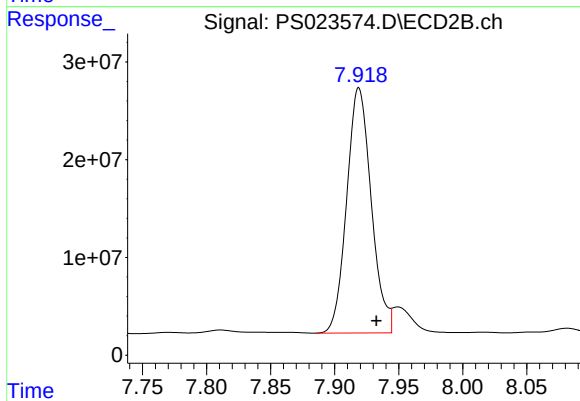
#8 DICHLORPROP

R.T.: 7.632 min
Delta R.T.: -0.013 min
Response: 297623311
Conc: 481.13 ng/ml



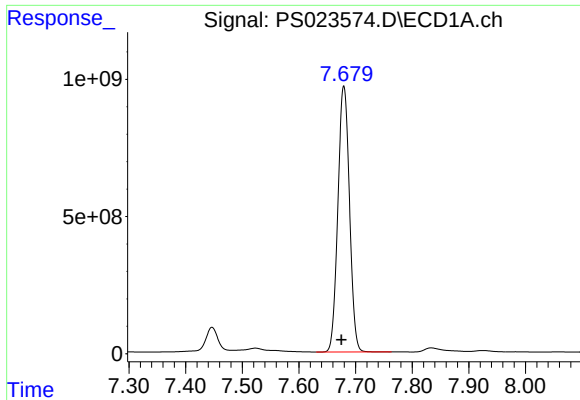
#9 2,4-D

R.T.: 7.446 min
Delta R.T.: 0.004 min
Response: 1236802147
Conc: 506.20 ng/ml m



#9 2,4-D

R.T.: 7.919 min
Delta R.T.: -0.014 min
Response: 334665718
Conc: 482.56 ng/ml



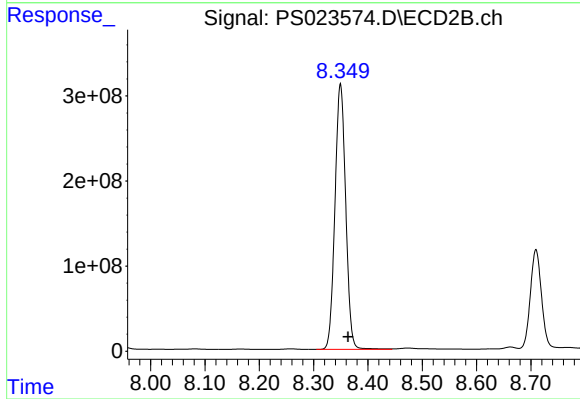
#10 Pentachlorophenol

R.T.: 7.679 min
Delta R.T.: 0.004 min
Response: 13770086084
Conc: 488.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
PNNL-APM-0621-1MSD

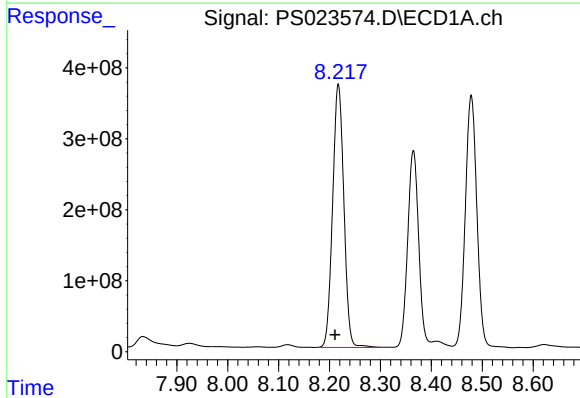
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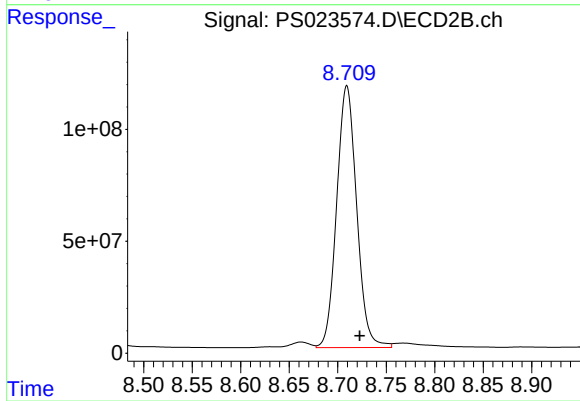
#10 Pentachlorophenol

R.T.: 8.349 min
Delta R.T.: -0.014 min
Response: 4286398741
Conc: 473.80 ng/ml



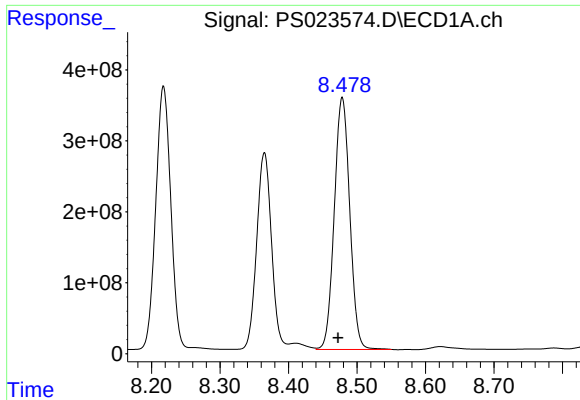
#11 2,4,5-TP (SILVEX)

R.T.: 8.217 min
Delta R.T.: 0.007 min
Response: 5679471320
Conc: 491.17 ng/ml



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

R.T.: 8.709 min
Delta R.T.: -0.013 min
Response: 1679333635
Conc: 503.20 ng/ml



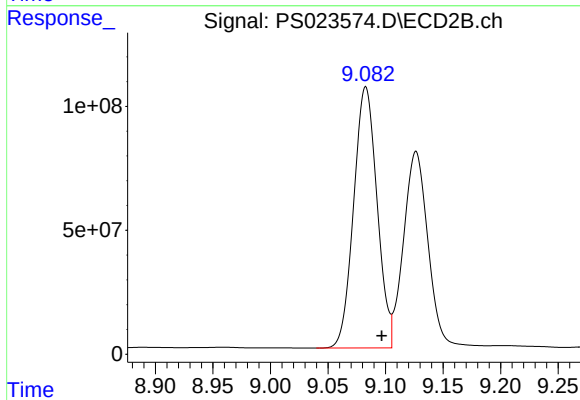
#12 2,4,5-T

R.T.: 8.478 min
Delta R.T.: 0.006 min
Response: 5571485127
Conc: 490.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
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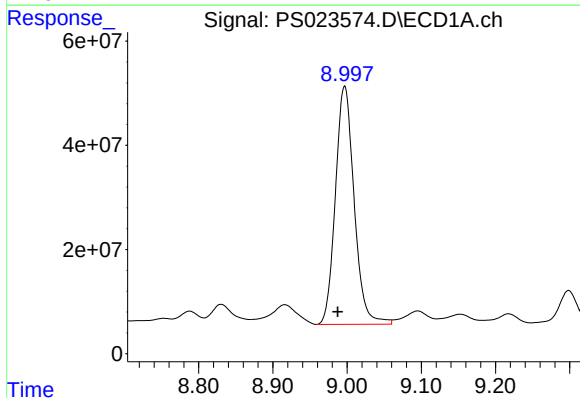
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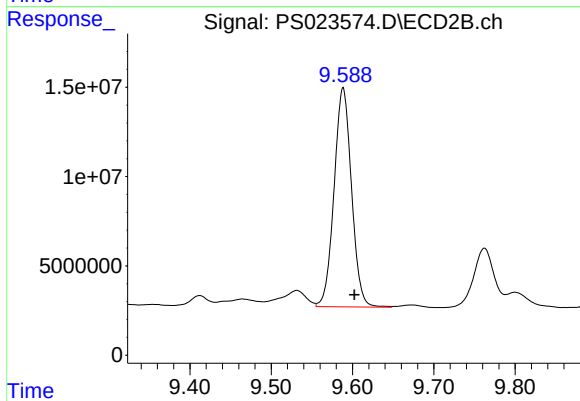
#12 2,4,5-T

R.T.: 9.083 min
Delta R.T.: -0.014 min
Response: 1496800094
Conc: 488.26 ng/ml



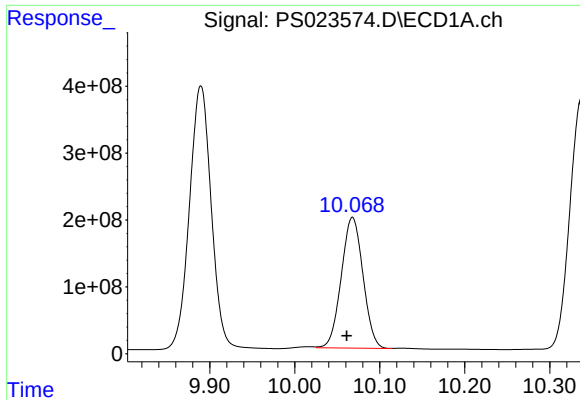
#13 2,4-DB

R.T.: 8.997 min
Delta R.T.: 0.009 min
Response: 802333771
Conc: 340.82 ng/ml



#13 2,4-DB

R.T.: 9.588 min
Delta R.T.: -0.014 min
Response: 182722645
Conc: 492.78 ng/ml



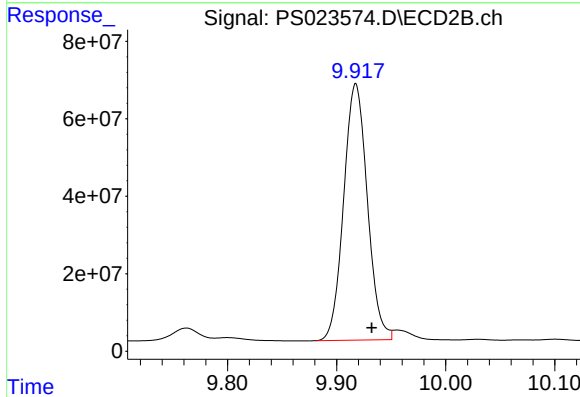
#14 DINOSEB

R.T.: 10.068 min
Delta R.T.: 0.007 min
Response: 3471095447
Conc: 419.10 ng/ml

Instrument :
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ClientSampleId :
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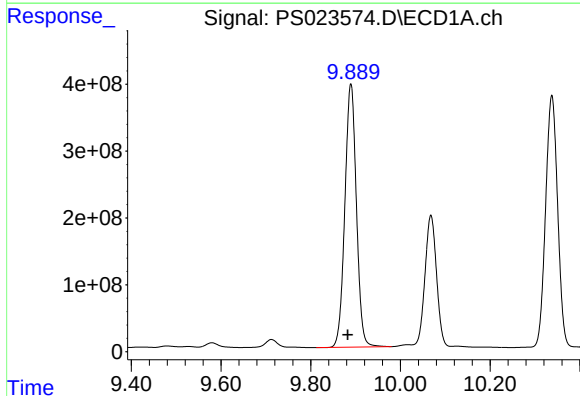
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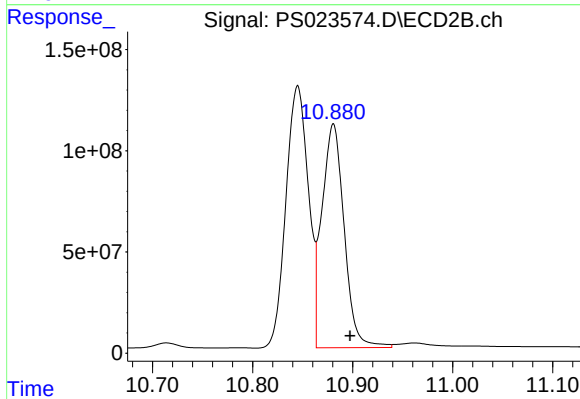
#14 DINOSEB

R.T.: 9.917 min
Delta R.T.: -0.015 min
Response: 999381479
Conc: 421.14 ng/ml m



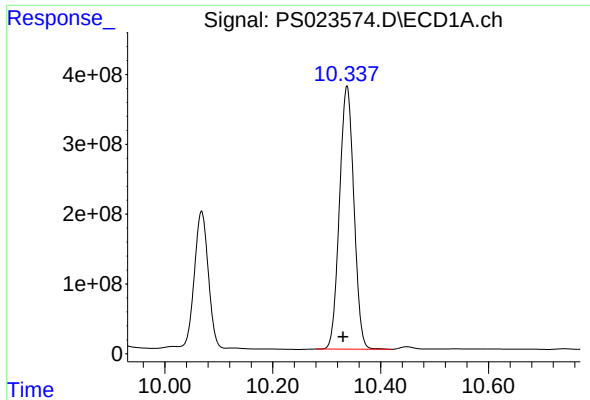
#15 Picloram

R.T.: 9.890 min
Delta R.T.: 0.007 min
Response: 7027309822
Conc: 404.93 ng/ml



#15 Picloram

R.T.: 10.881 min
Delta R.T.: -0.017 min
Response: 1710140918
Conc: 374.72 ng/ml



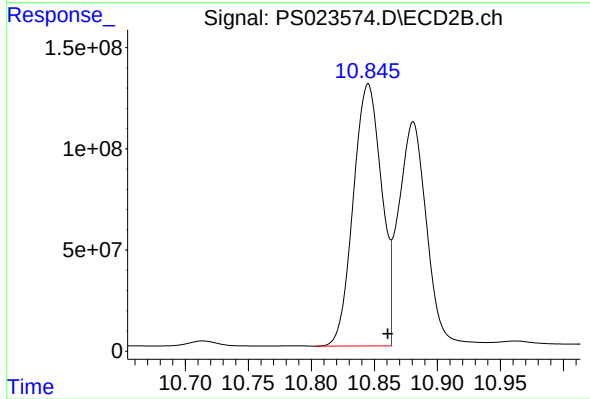
#16 DCPA

R.T.: 10.338 min
Delta R.T.: 0.007 min
Response: 7000509262
Conc: 502.17 ng/ml

Instrument :
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#16 DCPA

R.T.: 10.845 min
Delta R.T.: -0.015 min
Response: 2022619384
Conc: 504.16 ng/ml