

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS081523\
 Data File : PS024076.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2023 16:00
 Operator : AR\AJ
 Sample : 03985-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PNNL-APM2-0811-1

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/16/2023
 Supervised By : Ankita Jodhani 08/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 00:06:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080823.M
 Quant Title : 8080.M
 QLast Update : Tue Aug 08 13:26:17 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	6.368	6.797	698.6E6	149.2E6	352.724m	221.849m#
Target Compounds							
1) T	Dalapon	2.459	2.537	35905487	31855458	16.363	29.133 #
2) T	3,5-DICHL...	5.733	5.998	17078583	-239983	5.634	N.D. #
3) T	4-Nitroph...	6.208	6.457f	14442041	2388757	13.048	6.035 #
6) T	MCP	6.684	0.000	11936222	0	1.914	N.D. #
7) T	MCPA	6.726f	7.208f	3958410	25167779	<MDL	8.603 #
8) T	DICHLORPROP	7.118	7.588	-149402	6503569	N.D.	8.896
9) T	2,4-D	7.294	7.866	6079871	2074353	2.453	2.435
10) T	Pentachlo...	7.517	8.281	28524951	2411042	<MDL	<MDL #
11) T	2,4,5-TP ...	8.067	8.663	12977486	-3874985	<MDL	N.D. #
12) T	2,4,5-T	8.317	9.060f	68653309	16583583	6.128	4.389 #
13) T	2,4-DB	8.823	9.528	34216159	2191841	19.227	4.808 #
14) T	DINOSEB	9.868	9.884	6623207	54061105	<MDL	18.026 #
16) T	DCPA	10.127	10.805	6885474	66387423	<MDL	12.913 #

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

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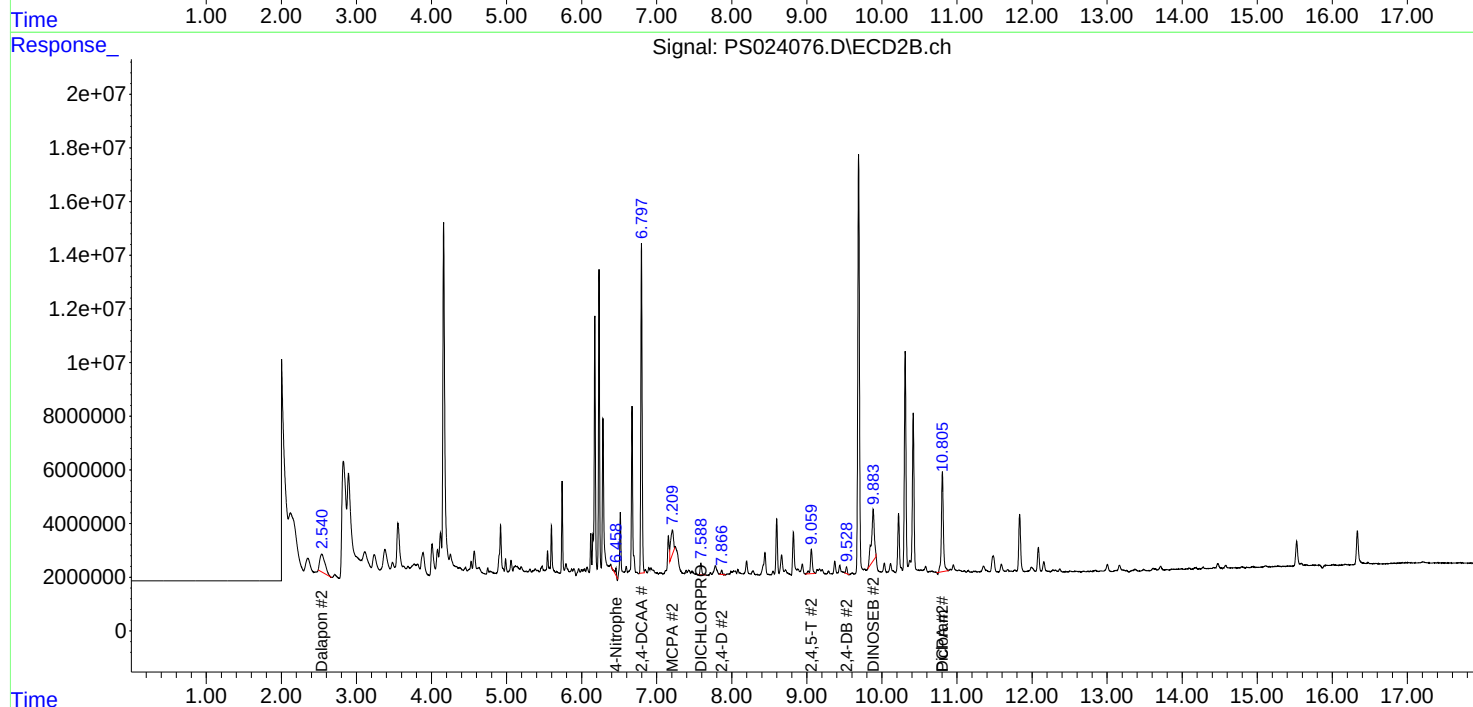
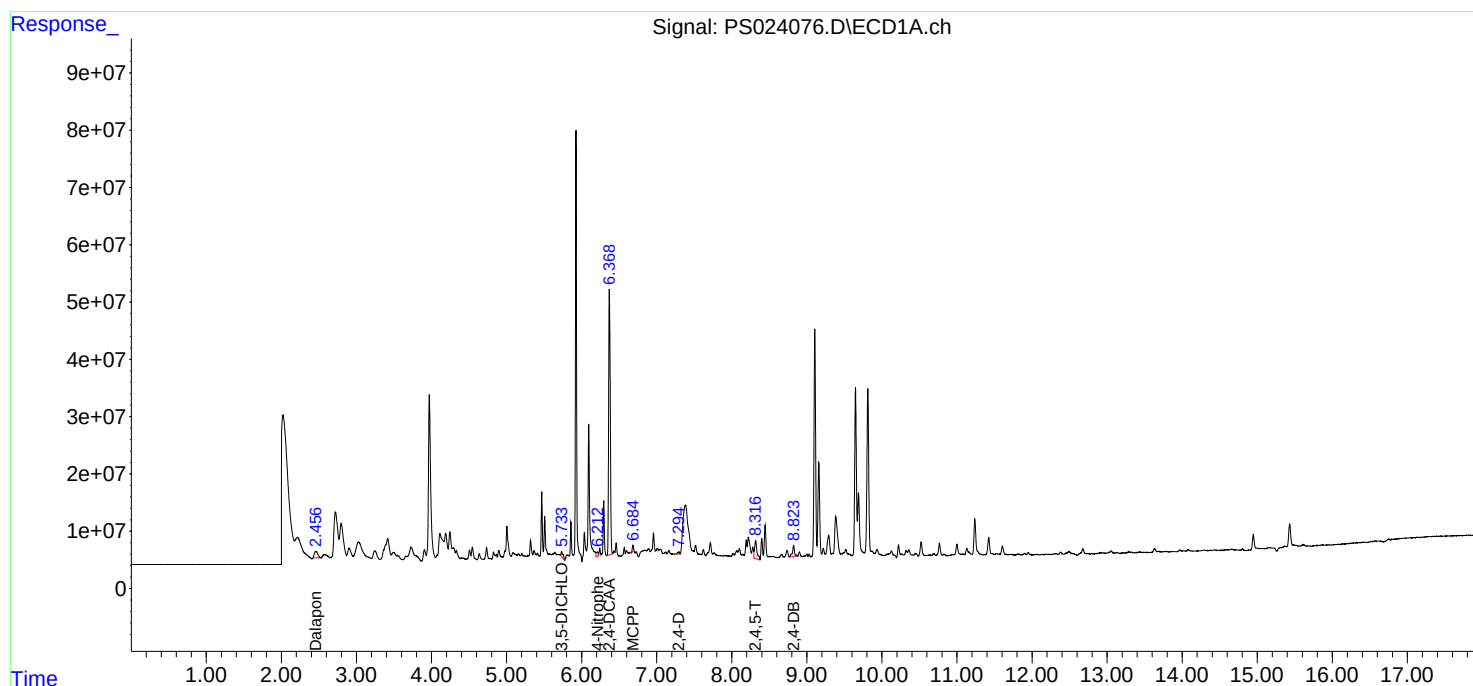
Instrument :
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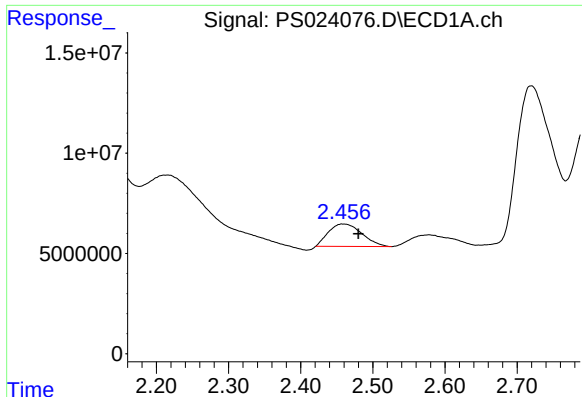
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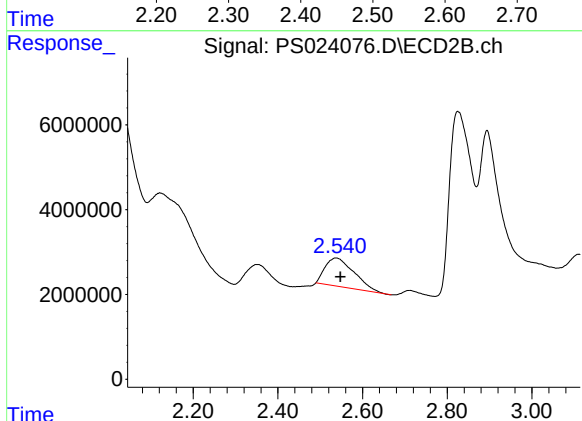
#1 Dalapon

R.T.: 2.459 min
Delta R.T.: -0.021 min
Response: 35905487
Conc: 16.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
PNNL-APM2-0811-1

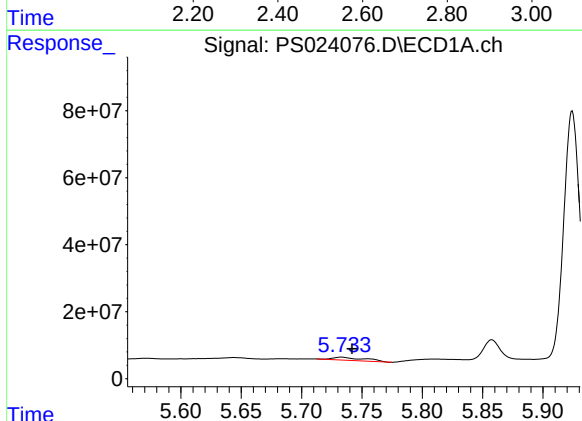
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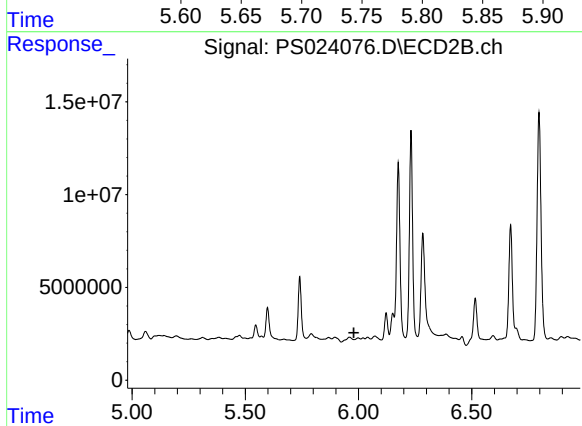
#1 Dalapon

R.T.: 2.537 min
Delta R.T.: -0.010 min
Response: 31855458
Conc: 29.13 ng/ml



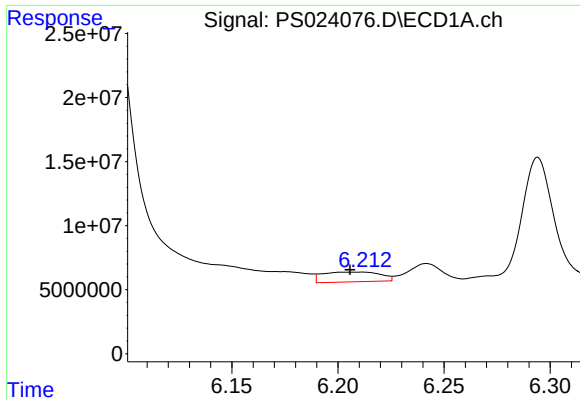
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.733 min
Delta R.T.: -0.009 min
Response: 17078583
Conc: 5.63 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.998 min
Delta R.T.: 0.019 min
Response: -239983
Conc: N.D.



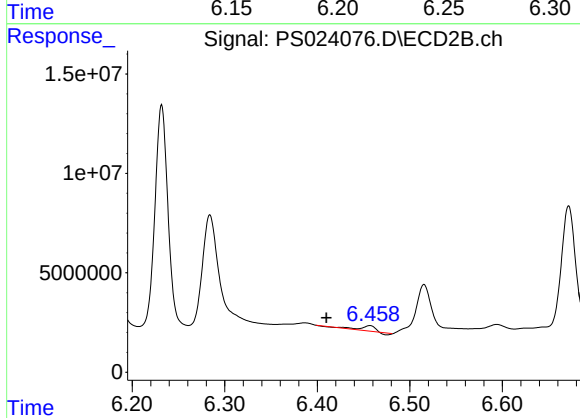
#3 4-Nitrophenol

R.T.: 6.208 min
Delta R.T.: 0.002 min
Response: 14442041
Conc: 13.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
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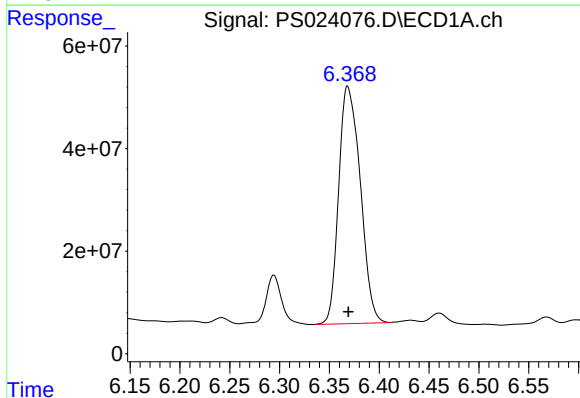
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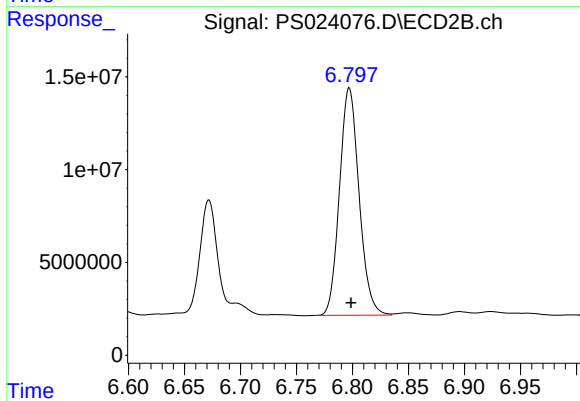
#3 4-Nitrophenol

R.T.: 6.457 min
Delta R.T.: 0.046 min
Response: 2388757
Conc: 6.04 ng/ml



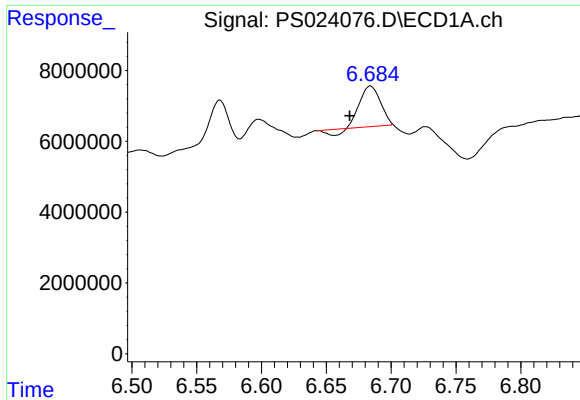
#4 2,4-DCAA

R.T.: 6.368 min
Delta R.T.: -0.001 min
Response: 698592244
Conc: 352.72 ng/ml m



#4 2,4-DCAA

R.T.: 6.797 min
Delta R.T.: -0.002 min
Response: 149221824
Conc: 221.85 ng/ml m



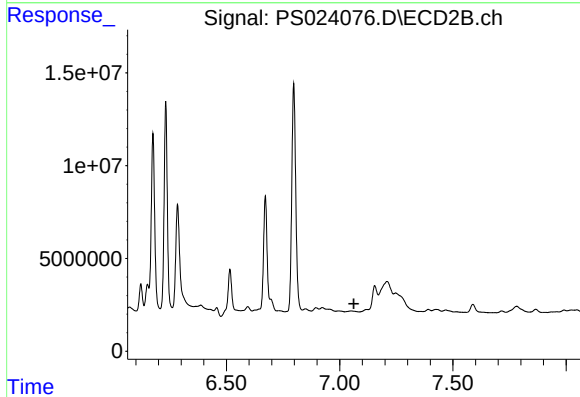
#6 MCPP

R.T.: 6.684 min
Delta R.T.: 0.016 min
Response: 11936222
Conc: 1.91 ug/ml

Instrument :
ECD_S
ClientSampleId :
PNNL-APM2-0811-1

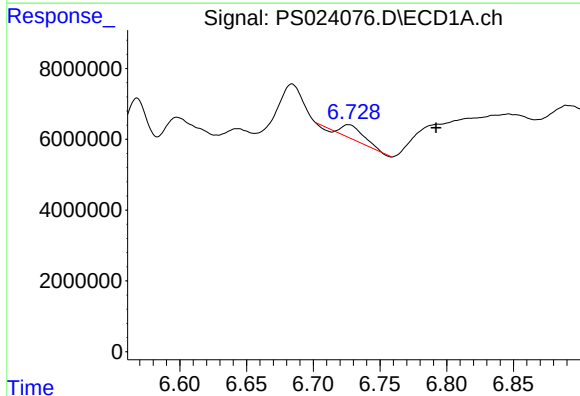
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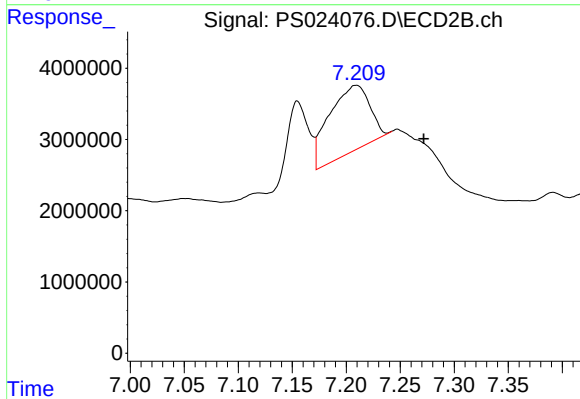
#6 MCPP

R.T.: 0.000 min
Exp R.T. : 7.063 min
Response: 0
Conc: N.D.



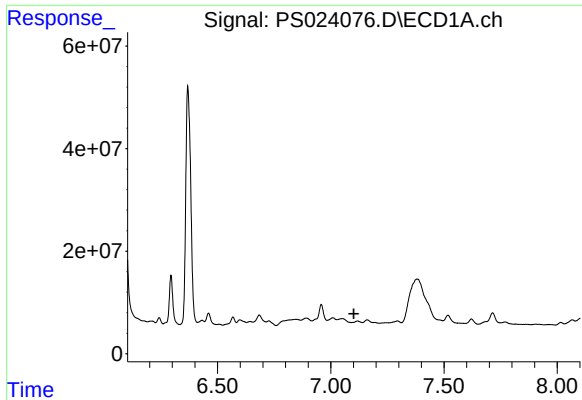
#7 MCPA

R.T.: 6.726 min
Delta R.T.: -0.066 min
Response: 3958410
Conc: N.D.



#7 MCPA

R.T.: 7.208 min
Delta R.T.: -0.063 min
Response: 25167779
Conc: 8.60 ug/ml



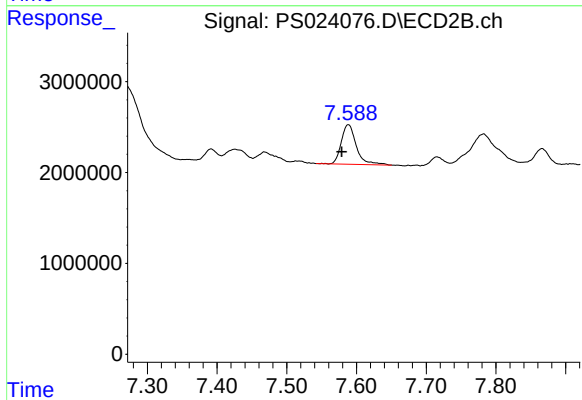
#8 DICHLORPROP

R.T.: 7.118 min
Delta R.T.: 0.017 min
Response: -149402
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
PNNL-APM2-0811-1

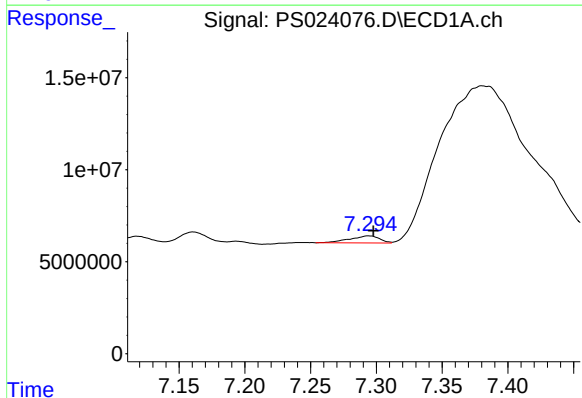
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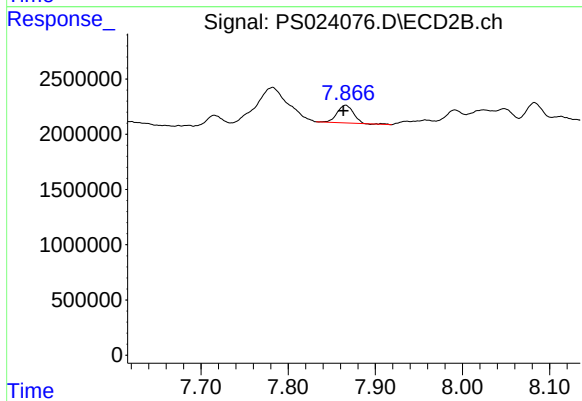
#8 DICHLORPROP

R.T.: 7.588 min
Delta R.T.: 0.009 min
Response: 6503569
Conc: 8.90 ng/ml



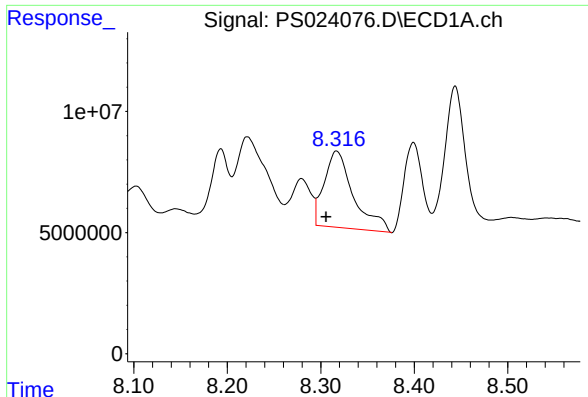
#9 2,4-D

R.T.: 7.294 min
Delta R.T.: -0.004 min
Response: 6079871
Conc: 2.45 ng/ml



#9 2,4-D

R.T.: 7.866 min
Delta R.T.: 0.002 min
Response: 2074353
Conc: 2.44 ng/ml



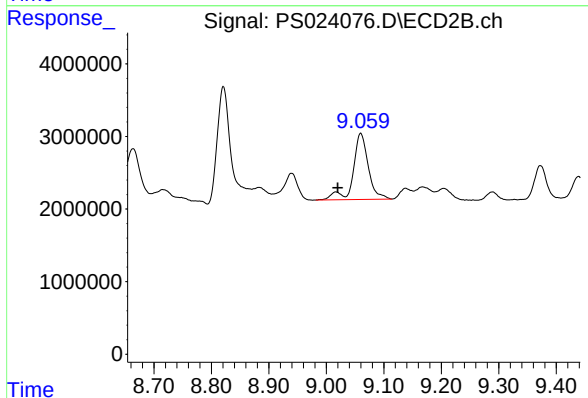
#12 2,4,5-T

R.T.: 8.317 min
Delta R.T.: 0.011 min
Response: 68653309
Conc: 6.13 ng/ml

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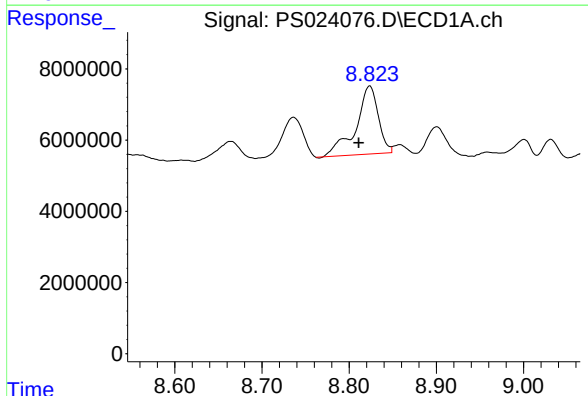
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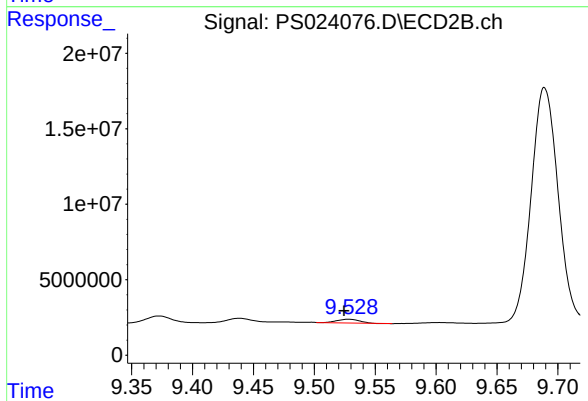
#12 2,4,5-T

R.T.: 9.060 min
Delta R.T.: 0.040 min
Response: 16583583
Conc: 4.39 ng/ml



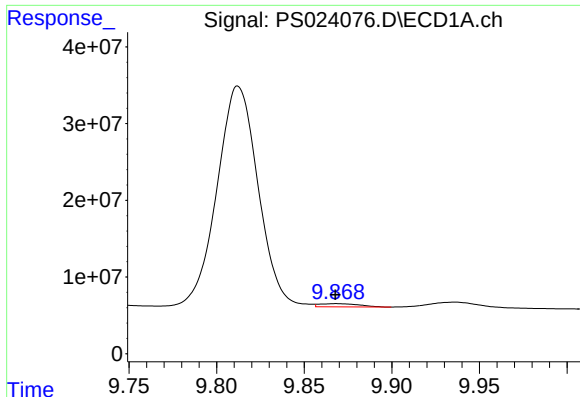
#13 2,4-DB

R.T.: 8.823 min
Delta R.T.: 0.012 min
Response: 34216159
Conc: 19.23 ng/ml



#13 2,4-DB

R.T.: 9.528 min
Delta R.T.: 0.003 min
Response: 2191841
Conc: 4.81 ng/ml



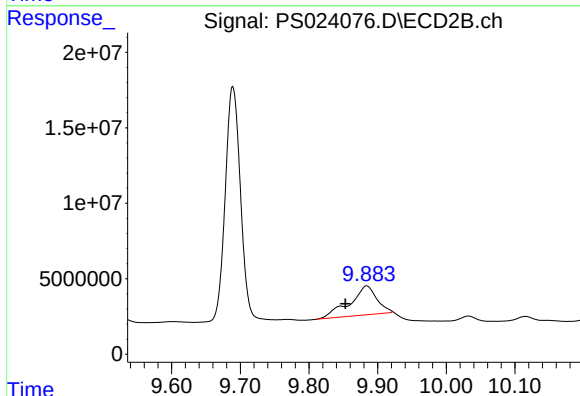
#14 DINOSEB

R.T.: 9.868 min
Delta R.T.: 0.000 min
Response: 6623207
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
PNNL-APM2-0811-1

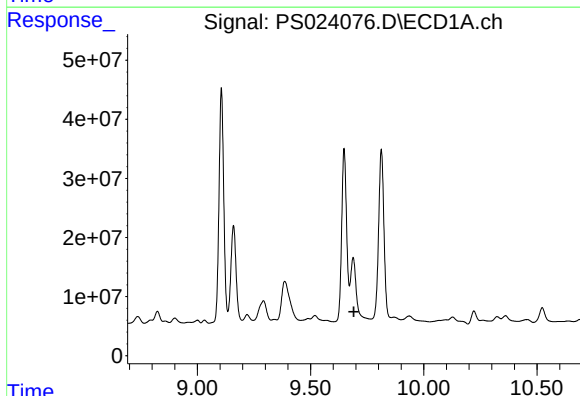
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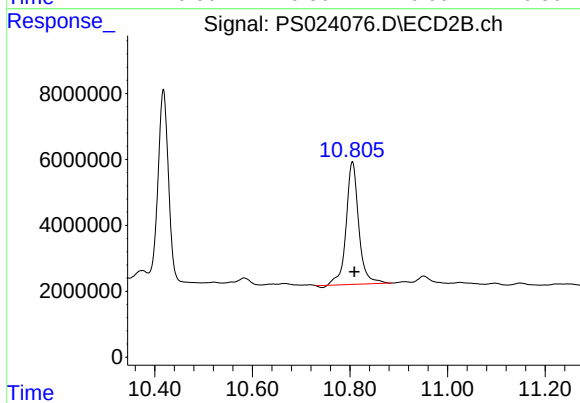
#14 DINOSEB

R.T.: 9.884 min
Delta R.T.: 0.031 min
Response: 54061105
Conc: 18.03 ng/ml



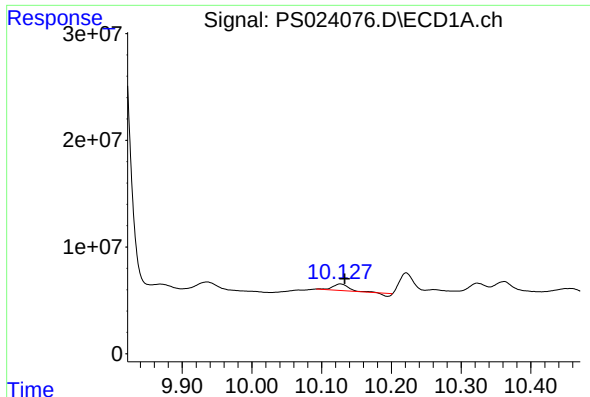
#15 Picloram

R.T.: 9.688 min
Delta R.T.: -0.003 min
Response: -395071473
Conc: N.D.



#15 Picloram

R.T.: 10.805 min
Delta R.T.: -0.004 min
Response: 66387423
Conc: 13.32 ng/ml



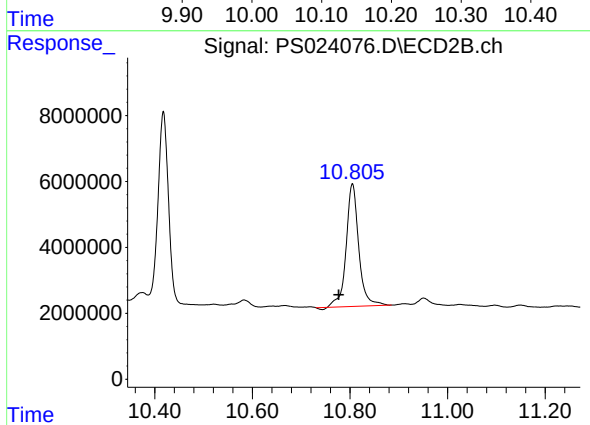
#16 DCPA

R.T.: 10.127 min
Delta R.T.: -0.006 min
Response: 6885474
Conc: N.D.

Instrument :
ECD_S
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#16 DCPA

R.T.: 10.805 min
Delta R.T.: 0.028 min
Response: 66387423
Conc: 12.91 ng/ml