

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS081523\
 Data File : PS024077.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2023 16:24
 Operator : AR\AJ
 Sample : 03985-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

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 00:07:28 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	6.798	779.1E6	174.7E6	393.395	259.680 #
Target Compounds							
1) T	Dalapon	2.482	2.550	730.2E6	355.0E6	332.781	324.663
2) T	3,5-DICHL...	5.740	5.979	1194.9E6	375.7E6	394.214	358.605
5) T	DICAMBA	6.509	6.961	3549.2E6	1140.6E6	403.465	388.921
6) T	MCP	6.660	7.055	266.9E6	73251101	42.801	37.864
7) T	MCPA	6.782	7.262	337.2E6	110.7E6	40.144	37.843m
8) T	DICHLORPROP	7.099	7.577	935.3E6	296.2E6	415.665	405.097
9) T	2,4-D	7.294	7.862	1223.5E6	373.9E6	493.737	438.965
10) T	Pentachlo...	7.525	8.288	9158.3E6	2849.5E6	292.149	265.194
11) T	2,4,5-TP ...	8.047	8.645	5772.8E6	2821.3E6	441.432	686.187m#
12) T	2,4,5-T	8.302	9.017	5485.4E6	1678.0E6	489.596	444.057
13) T	2,4-DB	8.809	9.521	672.1E6	199.4E6	377.646	437.531
14) T	DINOSEB	9.862	9.849	1777.4E6	565.3E6	191.743	188.493m
15) T	Picloram	9.685	10.804	5369.4E6	1967.9E6	415.286m	394.932
16) T	DCPA	10.127	10.773	7478.8E6	2351.1E6	475.382	457.325

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

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Operator : AR\AJ
Sample : 03985-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

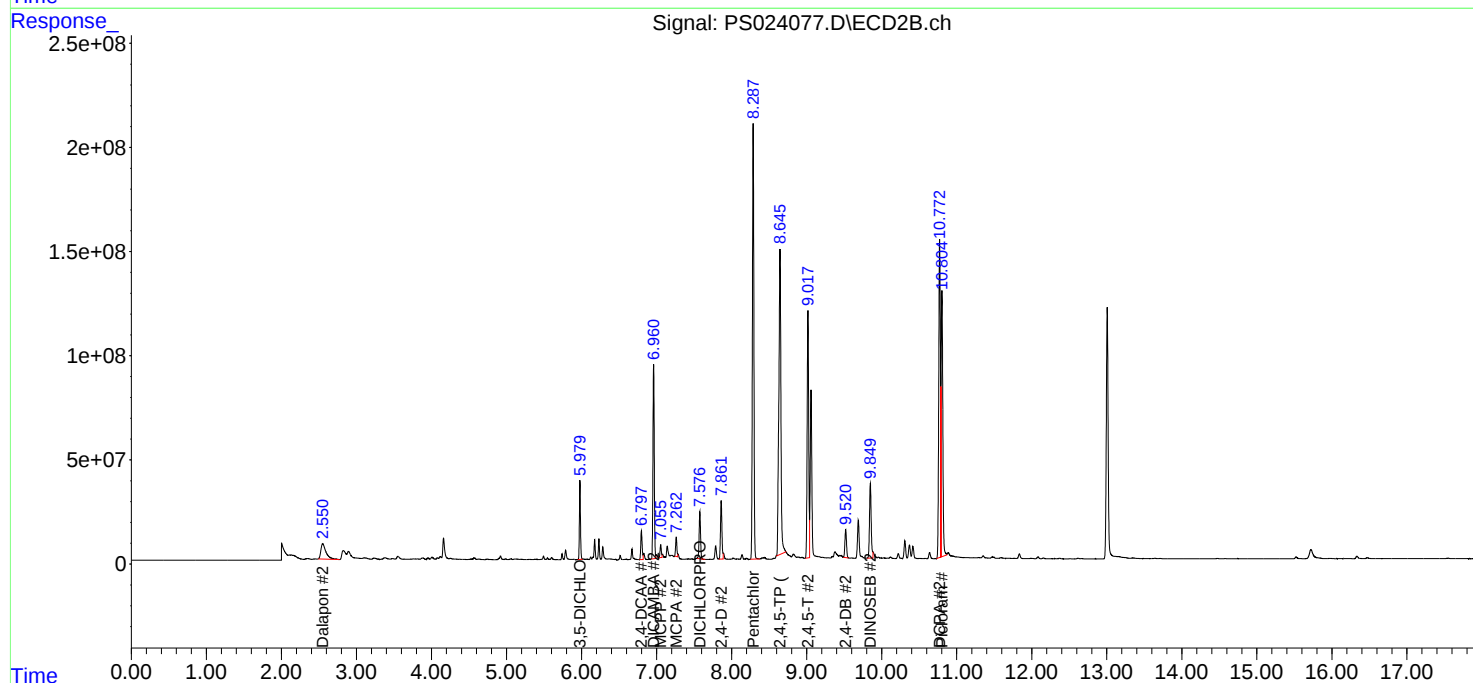
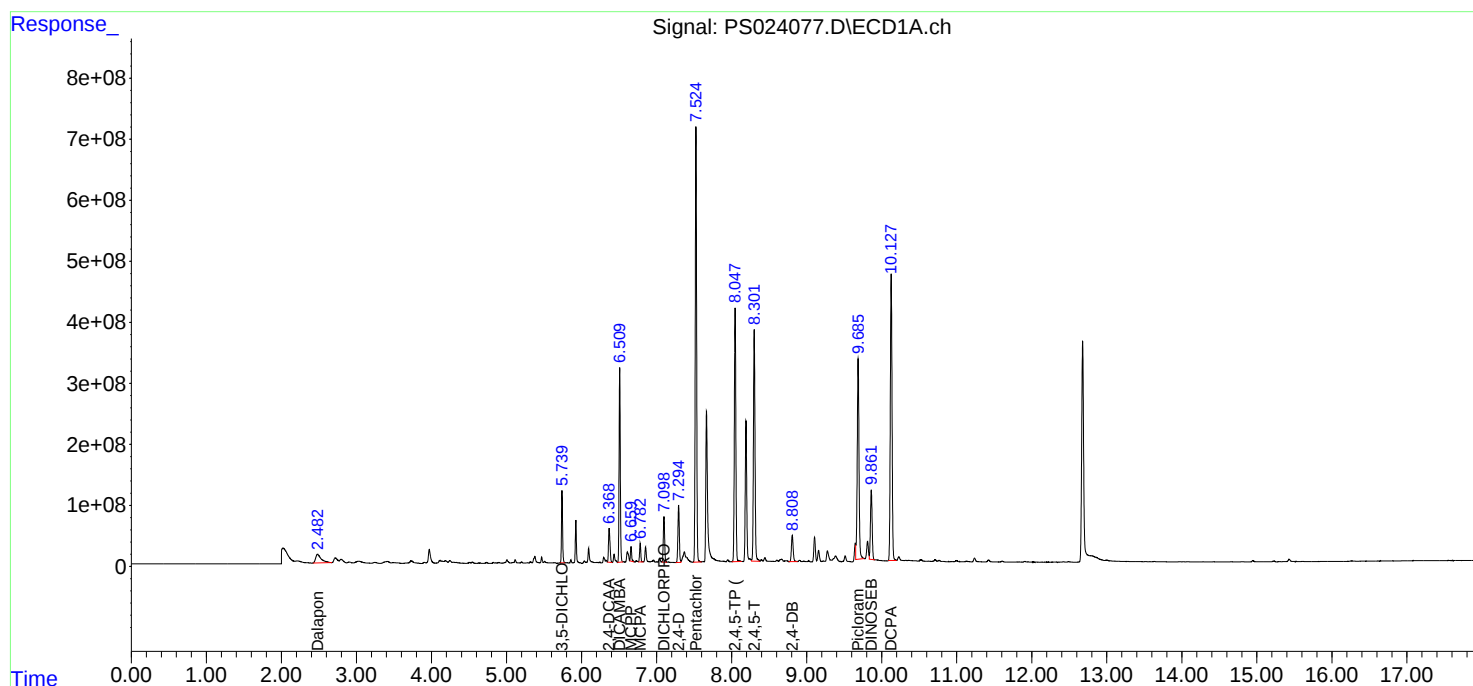
Instrument :
ECD_S
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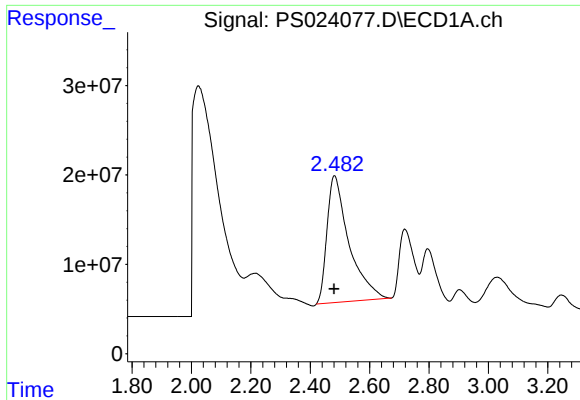
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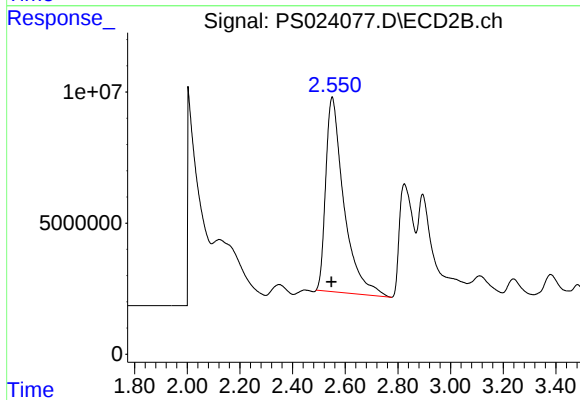
#1 Dalapon

R.T.: 2.482 min
Delta R.T.: 0.002 min
Response: 730203935
Conc: 332.78 ng/ml

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

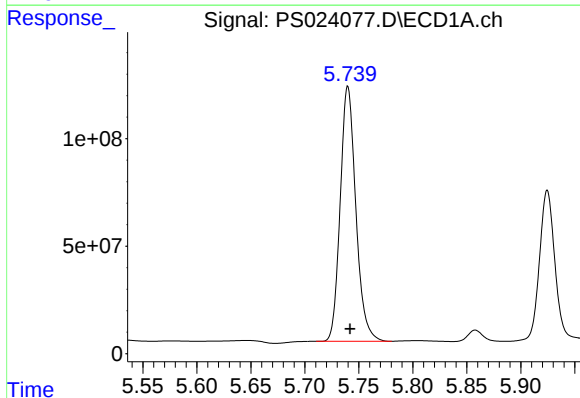
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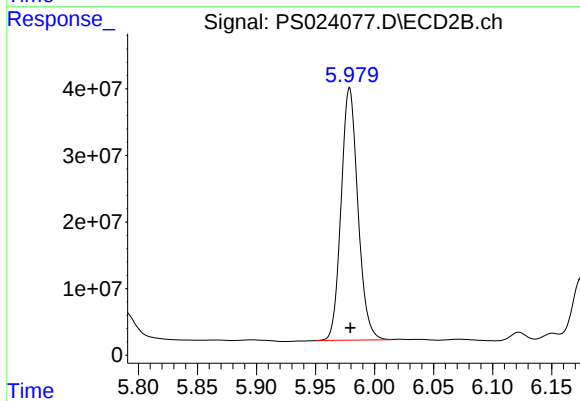
#1 Dalapon

R.T.: 2.550 min
Delta R.T.: 0.003 min
Response: 355005195
Conc: 324.66 ng/ml



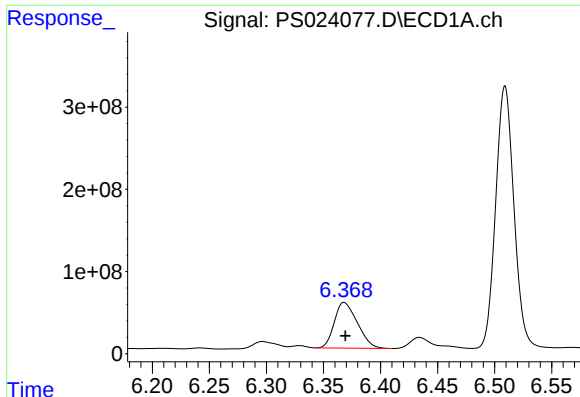
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.740 min
Delta R.T.: -0.002 min
Response: 1194937743
Conc: 394.21 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 375745953
Conc: 358.61 ng/ml



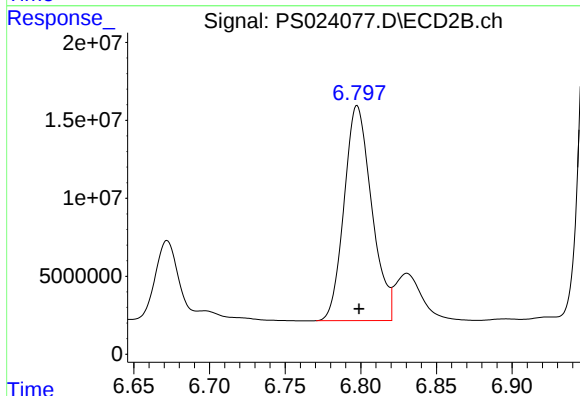
#4 2,4-DCAA

R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 779143039
Conc: 393.39 ng/ml

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

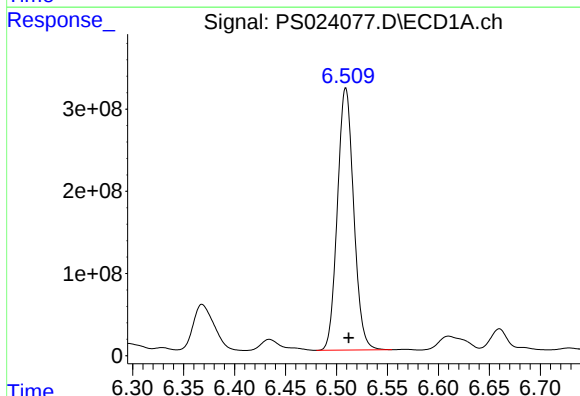
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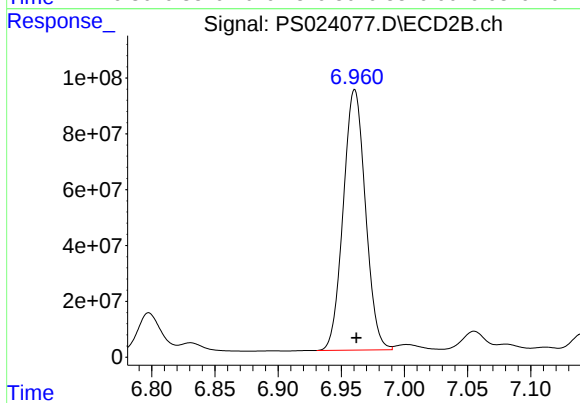
#4 2,4-DCAA

R.T.: 6.798 min
Delta R.T.: -0.001 min
Response: 174667954
Conc: 259.68 ng/ml



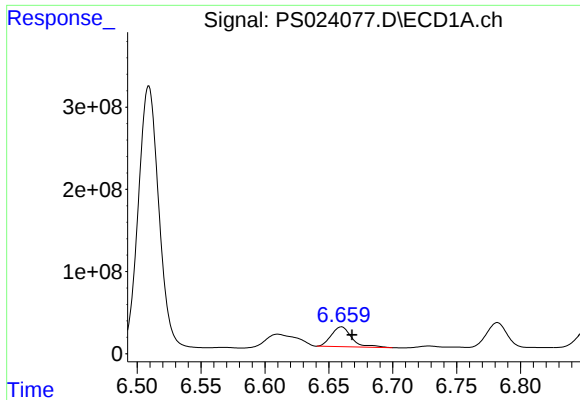
#5 DICAMBA

R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 3549207266
Conc: 403.46 ng/ml



#5 DICAMBA

R.T.: 6.961 min
Delta R.T.: -0.001 min
Response: 1140620625
Conc: 388.92 ng/ml



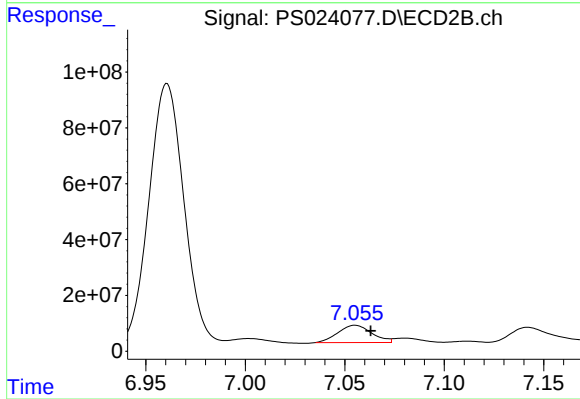
#6 MCPP

R.T.: 6.660 min
Delta R.T.: -0.009 min
Response: 266932235
Conc: 42.80 ug/ml

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

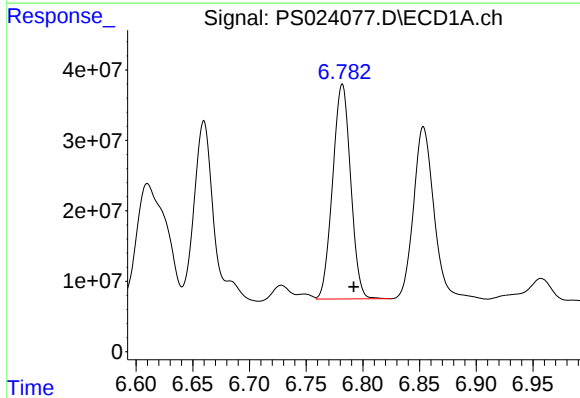
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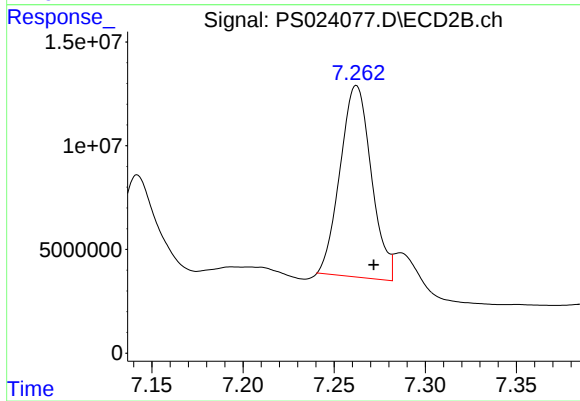
#6 MCPP

R.T.: 7.055 min
Delta R.T.: -0.008 min
Response: 73251101
Conc: 37.86 ug/ml



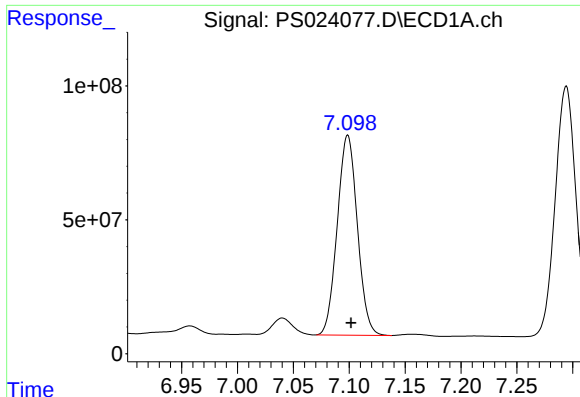
#7 MCPA

R.T.: 6.782 min
Delta R.T.: -0.010 min
Response: 337205833
Conc: 40.14 ug/ml



#7 MCPA

R.T.: 7.262 min
Delta R.T.: -0.010 min
Response: 110709455
Conc: 37.84 ug/ml m



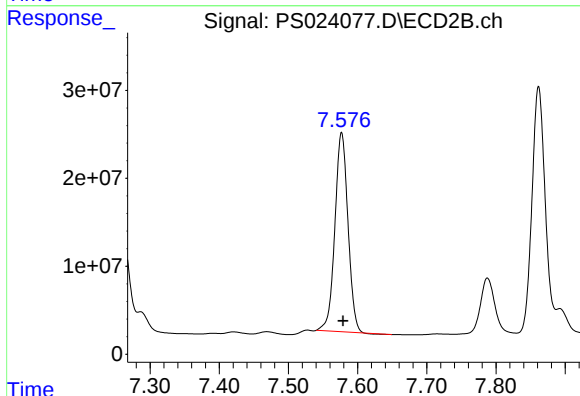
#8 DICHLORPROP

R.T.: 7.099 min
Delta R.T.: -0.003 min
Response: 935303400
Conc: 415.66 ng/ml

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

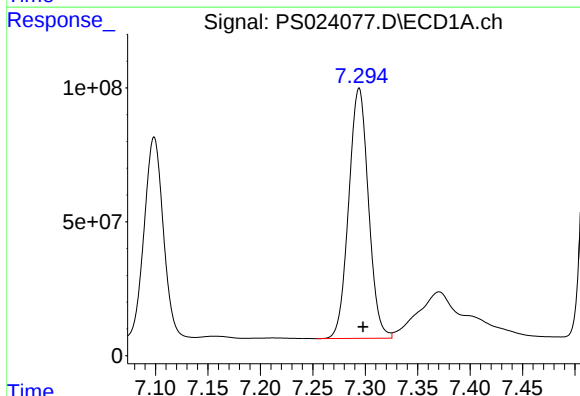
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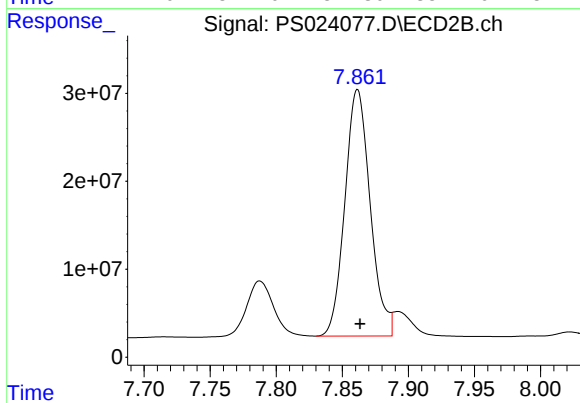
#8 DICHLORPROP

R.T.: 7.577 min
Delta R.T.: -0.002 min
Response: 296166210
Conc: 405.10 ng/ml



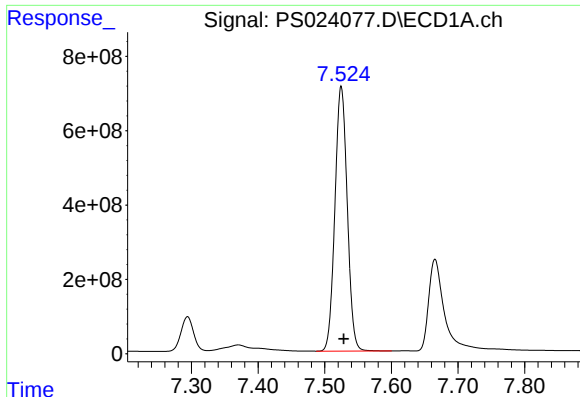
#9 2,4-D

R.T.: 7.294 min
Delta R.T.: -0.004 min
Response: 1223507069
Conc: 493.74 ng/ml



#9 2,4-D

R.T.: 7.862 min
Delta R.T.: -0.002 min
Response: 373939915
Conc: 438.97 ng/ml



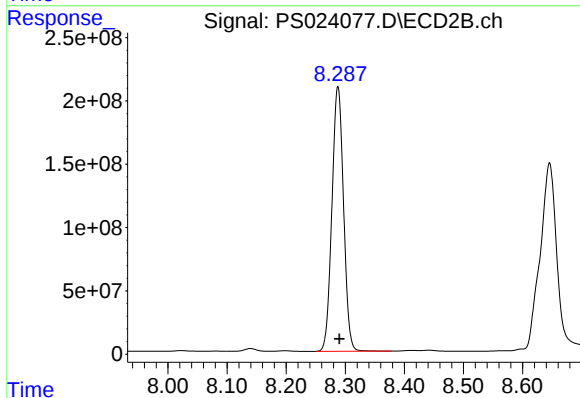
#10 Pentachlorophenol

R.T.: 7.525 min
Delta R.T.: -0.004 min
Response: 9158301369
Conc: 292.15 ng/ml

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

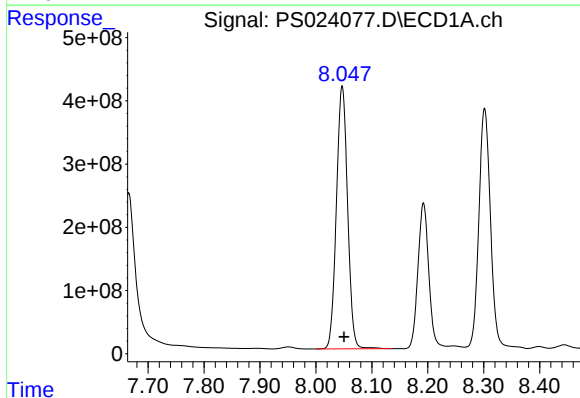
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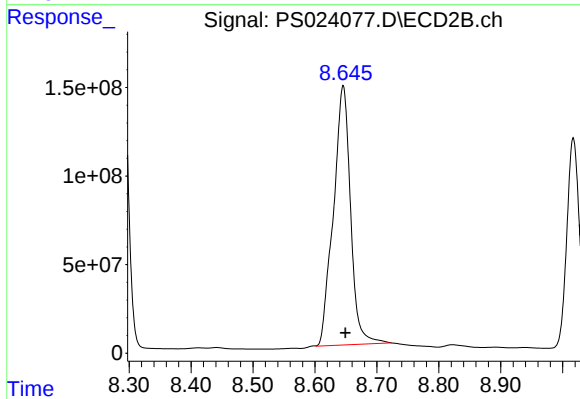
#10 Pentachlorophenol

R.T.: 8.288 min
Delta R.T.: -0.003 min
Response: 2849457390
Conc: 265.19 ng/ml



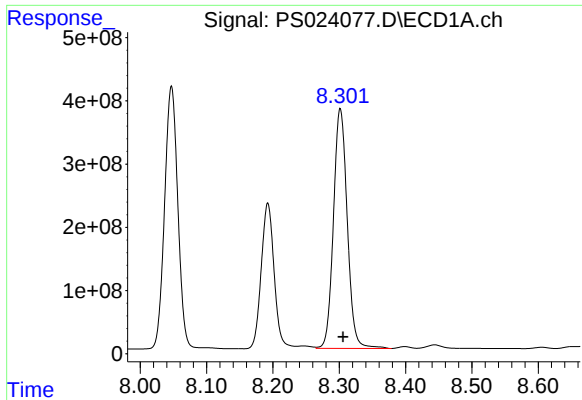
#11 2,4,5-TP (SILVEX)

R.T.: 8.047 min
Delta R.T.: -0.003 min
Response: 5772767804
Conc: 441.43 ng/ml



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

R.T.: 8.645 min
Delta R.T.: -0.004 min
Response: 2821265087
Conc: 686.19 ng/ml m



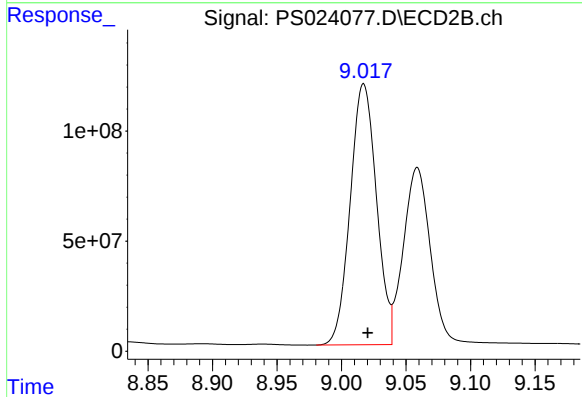
#12 2,4,5-T

R.T.: 8.302 min
Delta R.T.: -0.004 min
Response: 5485447344
Conc: 489.60 ng/ml

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

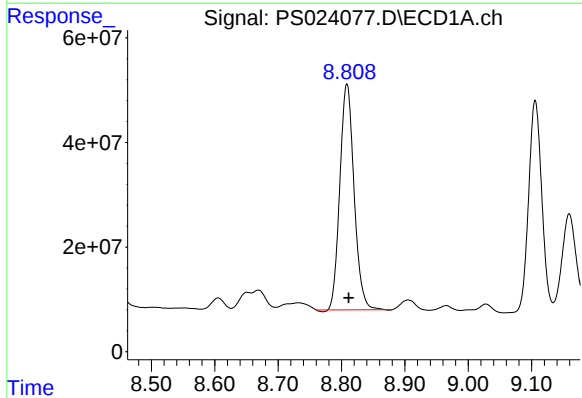
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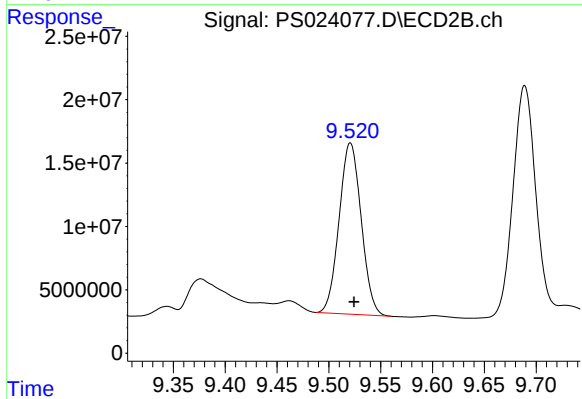
#12 2,4,5-T

R.T.: 9.017 min
Delta R.T.: -0.003 min
Response: 1678028022
Conc: 444.06 ng/ml



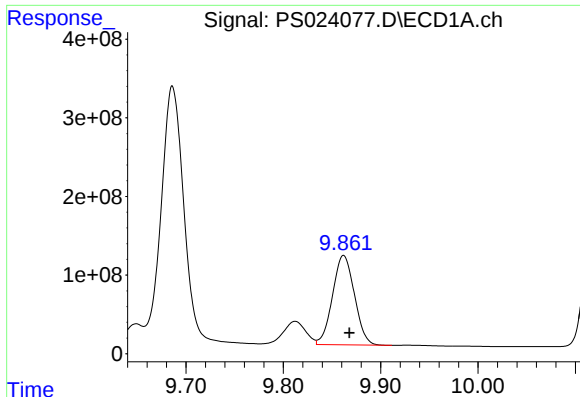
#13 2,4-DB

R.T.: 8.809 min
Delta R.T.: -0.002 min
Response: 672058474
Conc: 377.65 ng/ml



#13 2,4-DB

R.T.: 9.521 min
Delta R.T.: -0.004 min
Response: 199439935
Conc: 437.53 ng/ml



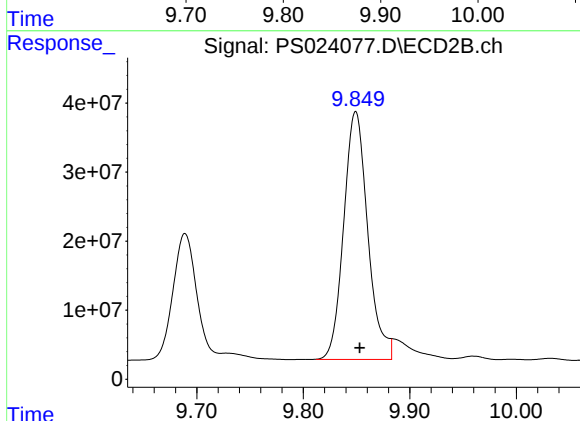
#14 DINOSEB

R.T.: 9.862 min
Delta R.T.: -0.006 min
Response: 1777404497
Conc: 191.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
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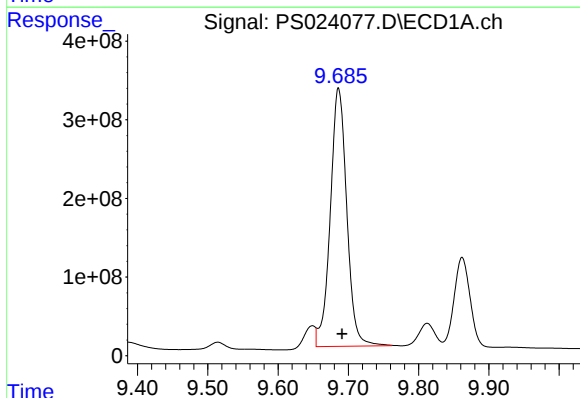
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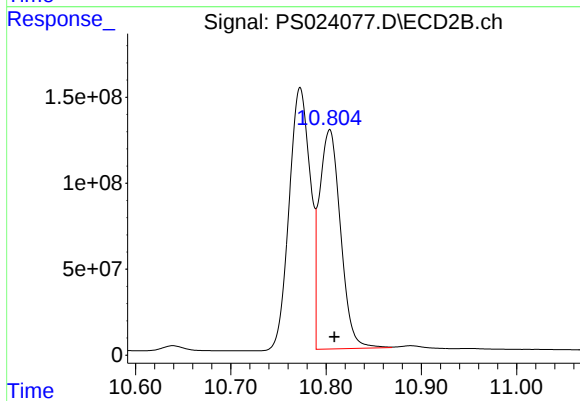
#14 DINOSEB

R.T.: 9.849 min
Delta R.T.: -0.004 min
Response: 565296736
Conc: 188.49 ng/ml m



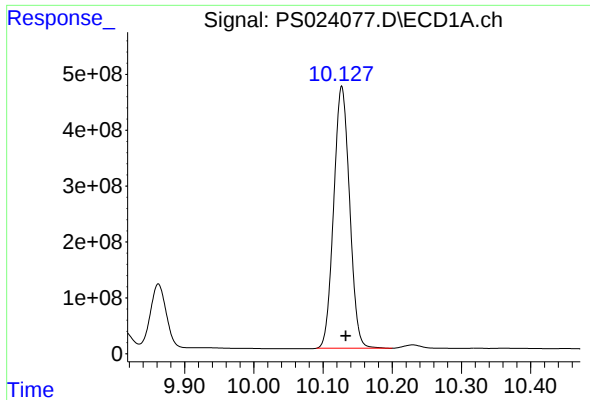
#15 Picloram

R.T.: 9.685 min
Delta R.T.: -0.006 min
Response: 5369422065
Conc: 415.29 ng/ml m



#15 Picloram

R.T.: 10.804 min
Delta R.T.: -0.005 min
Response: 1967904880
Conc: 394.93 ng/ml



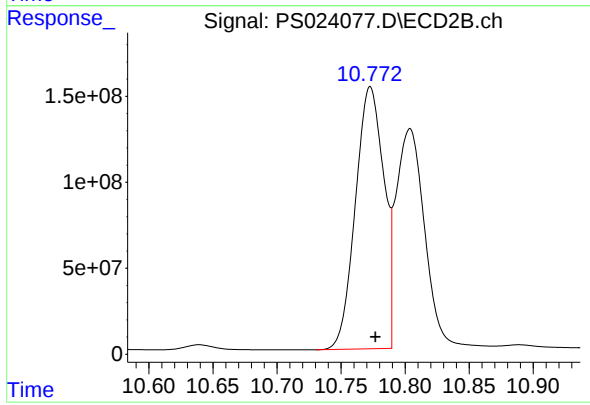
#16 DCPA

R.T.: 10.127 min
Delta R.T.: -0.006 min
Response: 7478751126
Conc: 475.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
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#16 DCPA

R.T.: 10.773 min
Delta R.T.: -0.004 min
Response: 2351102752
Conc: 457.32 ng/ml