

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060123\
 Data File : PS023176.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jun 2023 12:18
 Operator : AR\AJ
 Sample : 02953-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/02/2023
 Supervised By : Ankita Jodhani 06/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 02 03:48:34 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	6.513	6.857	1263.4E6	166.1E6	830.638m	296.095 #
Target Compounds							
1) T	Dalapon	2.553	2.576	452.9E6	273.4E6	280.115	316.795
2) T	3,5-DICHL...	5.847	6.022	814.5E6	320.9E6	405.872	378.272
5) T	DICAMBA	6.648	7.024	2469.6E6	969.9E6	376.085	389.286
6) T	MCP	6.808	7.117	208.6E6	65272534	44.641m	36.892m
7) T	MCPA	6.937	7.327	255.6E6	118.1E6	36.503	44.615
8) T	DICHLORPROP	7.264	7.646	789.3E6	260.2E6	421.131	420.531
9) T	2,4-D	7.466	7.934	1068.2E6	313.0E6	461.581	437.476
10) T	Pentachlo...	7.698	8.365	8993.1E6	2887.0E6	335.942	311.452
11) T	2,4,5-TP ...	8.242	8.725	4865.2E6	1876.1E6	416.505	526.977 #
12) T	2,4,5-T	8.504	9.099	4850.8E6	1287.7E6	419.718	401.049
13) T	2,4-DB	9.024	9.605	677.4E6	151.3E6	288.733	393.932 #
14) T	DINOSEB	10.098	9.935	2169.8E6	650.1E6	265.779m	274.829
15) T	Picloram	9.918	10.901	6001.5E6	1320.9E6	349.973	310.161
16) T	DCPA	10.370	10.864	5800.8E6	1553.1E6	444.669	415.632

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

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Acq On : 01 Jun 2023 12:18
Operator : AR\AJ
Sample : 02953-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

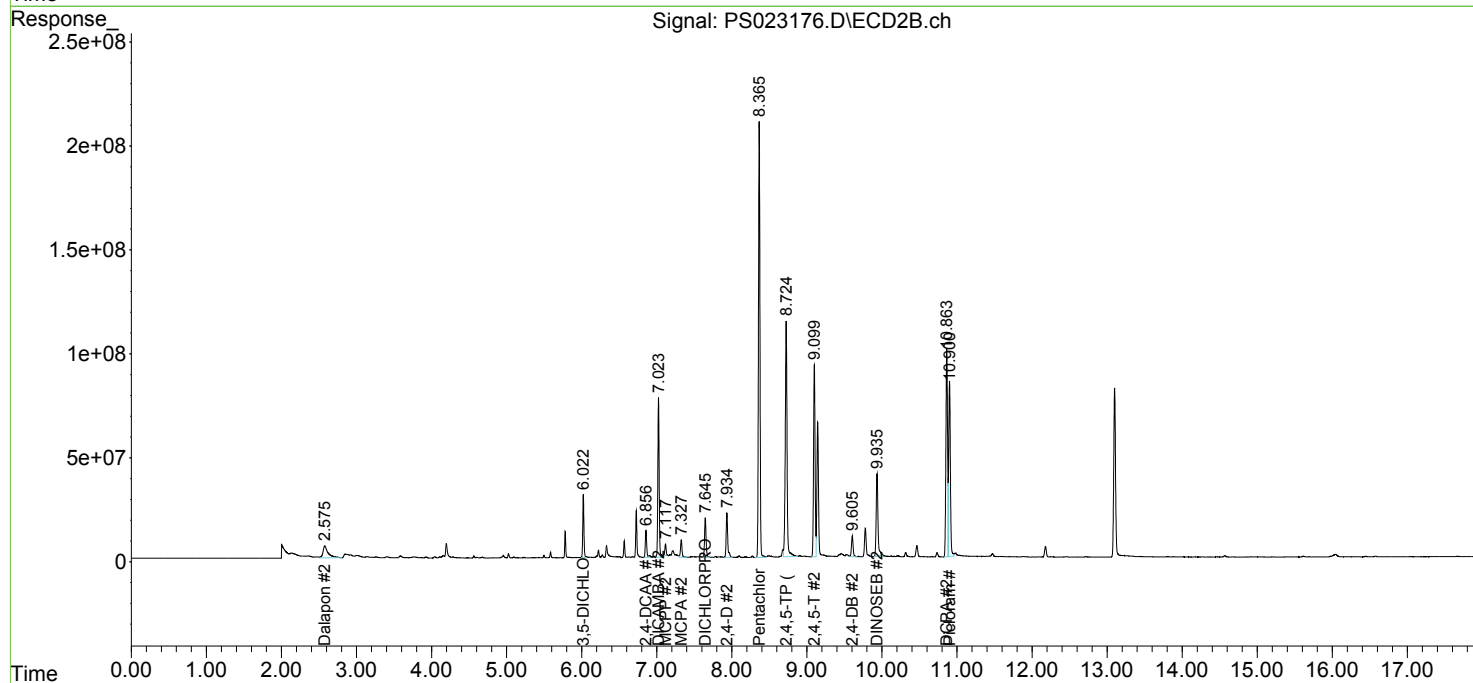
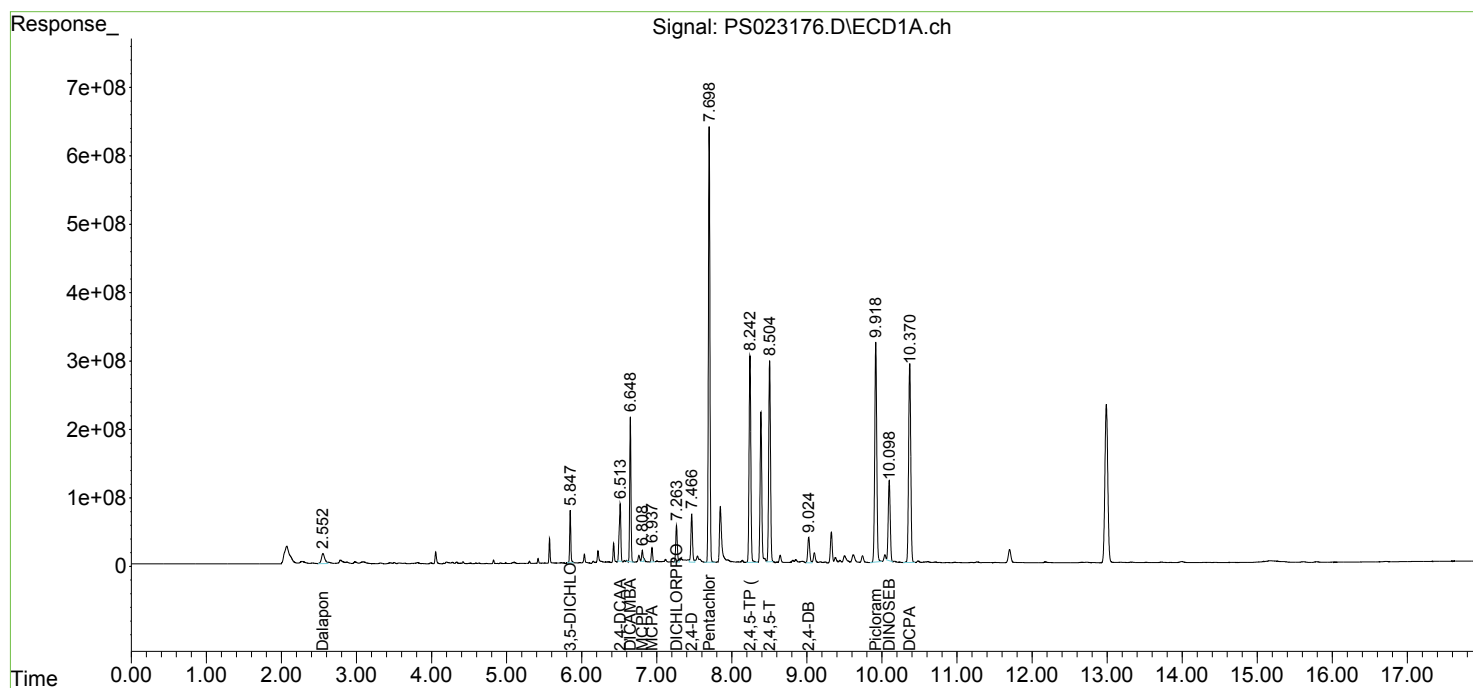
Instrument :
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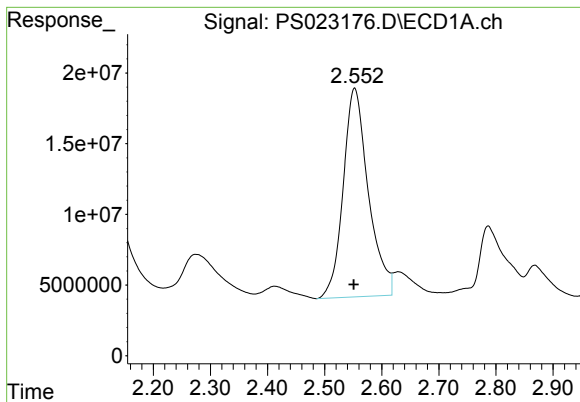
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051023.M
Quant Title : 8080.M
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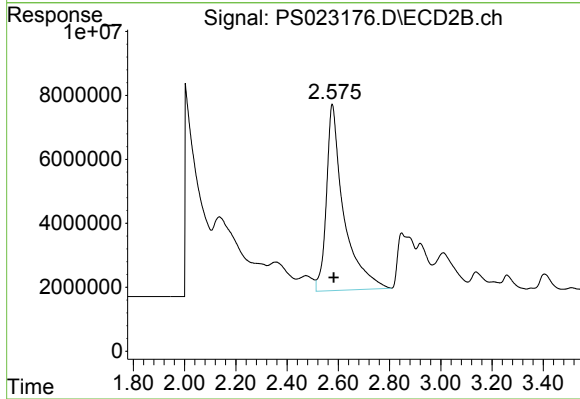
#1 Dalapon

R.T.: 2.553 min
Delta R.T.: 0.002 min
Response: 452921282
Conc: 280.11 ng/ml

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

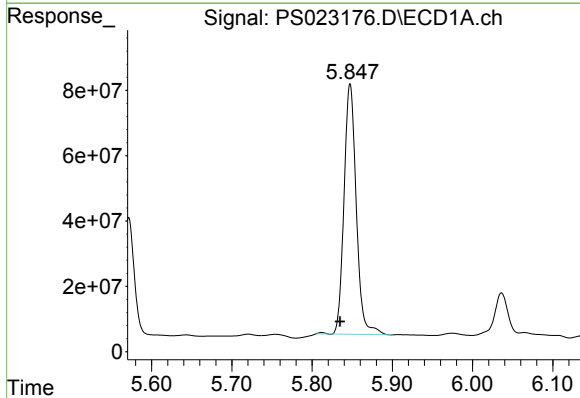
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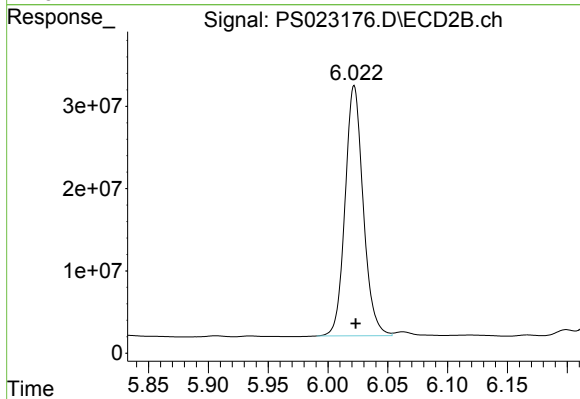
#1 Dalapon

R.T.: 2.576 min
Delta R.T.: -0.006 min
Response: 273444994
Conc: 316.79 ng/ml



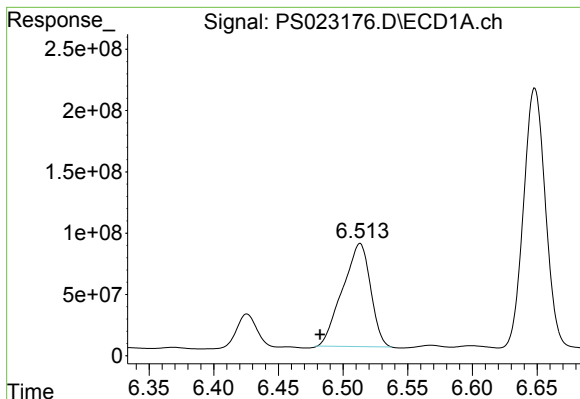
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.847 min
Delta R.T.: 0.012 min
Response: 814478328
Conc: 405.87 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.022 min
Delta R.T.: -0.001 min
Response: 320854563
Conc: 378.27 ng/ml



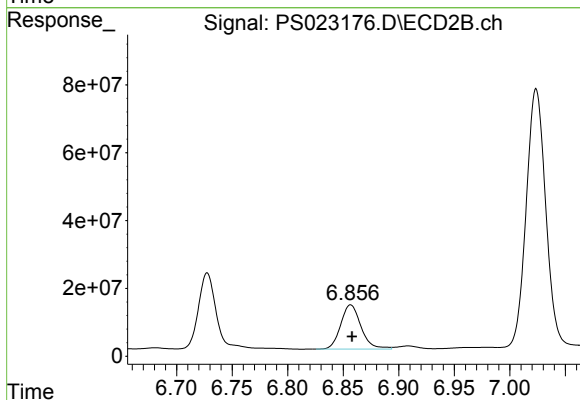
#4 2,4-DCAA

R.T.: 6.513 min
Delta R.T.: 0.031 min
Response: 1263396464
Conc: 830.64 ng/ml

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

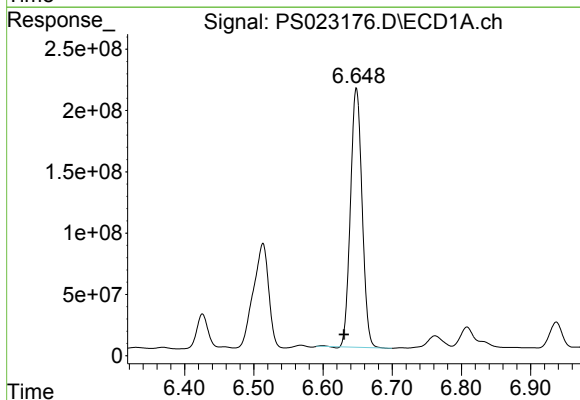
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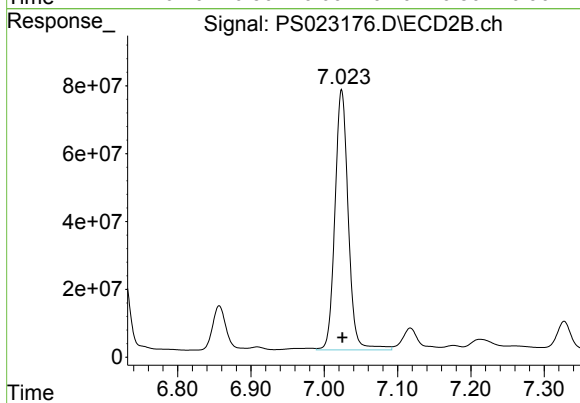
#4 2,4-DCAA

R.T.: 6.857 min
Delta R.T.: -0.001 min
Response: 166143489
Conc: 296.10 ng/ml



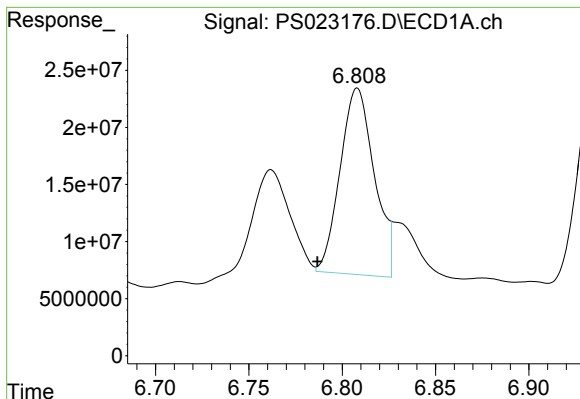
#5 DICAMBA

R.T.: 6.648 min
Delta R.T.: 0.018 min
Response: 2469604392
Conc: 376.09 ng/ml



#5 DICAMBA

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 969862005
Conc: 389.29 ng/ml



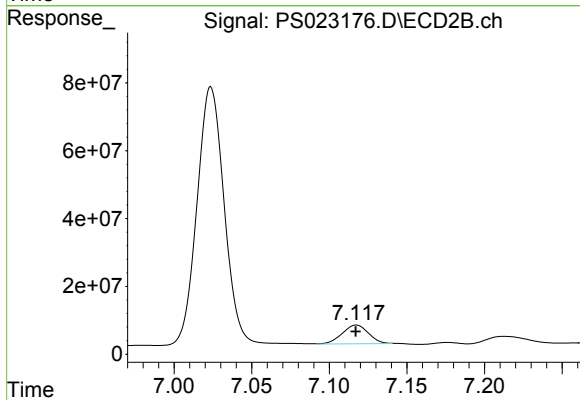
#6 MCPP

R.T.: 6.808 min
Delta R.T.: 0.021 min
Response: 208591819
Conc: 44.64 ug/ml

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

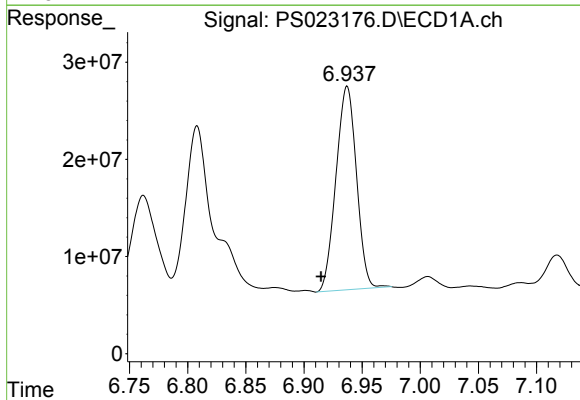
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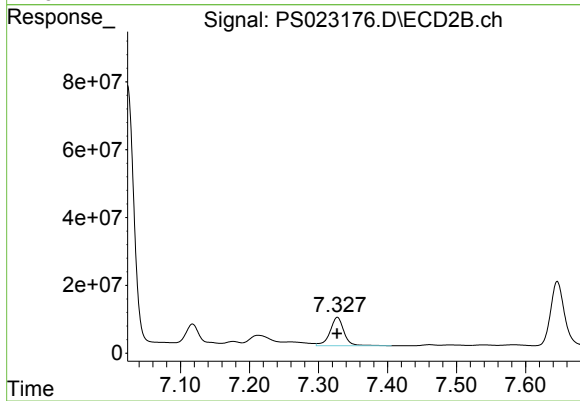
#6 MCPP

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 65272534
Conc: 36.89 ug/ml m



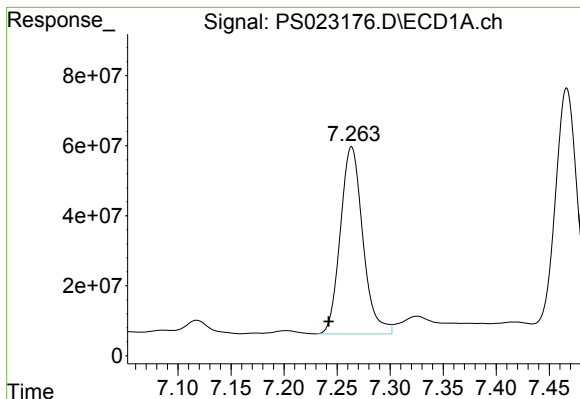
#7 MCPA

R.T.: 6.937 min
Delta R.T.: 0.022 min
Response: 255552933
Conc: 36.50 ug/ml



#7 MCPA

R.T.: 7.327 min
Delta R.T.: 0.000 min
Response: 118132116
Conc: 44.61 ug/ml



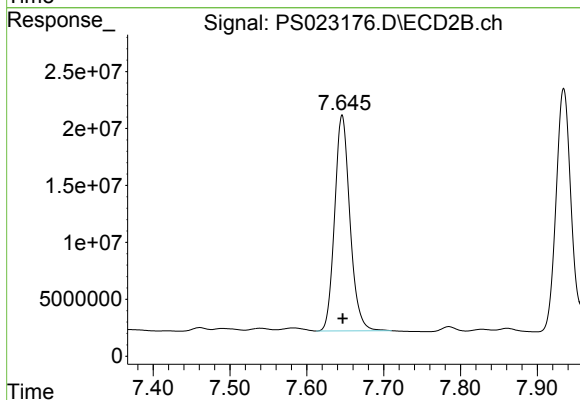
#8 DICHLORPROP

R.T.: 7.264 min
Delta R.T.: 0.022 min
Response: 789250191
Conc: 421.13 ng/ml

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

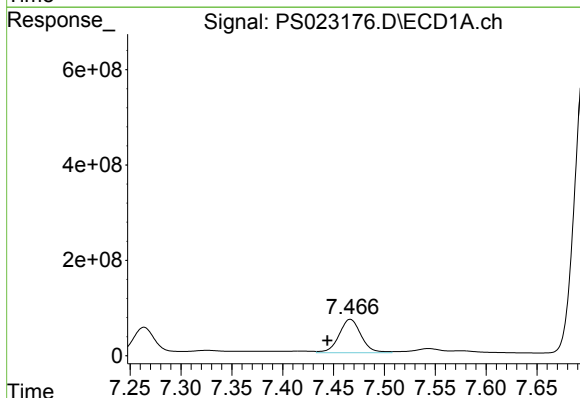
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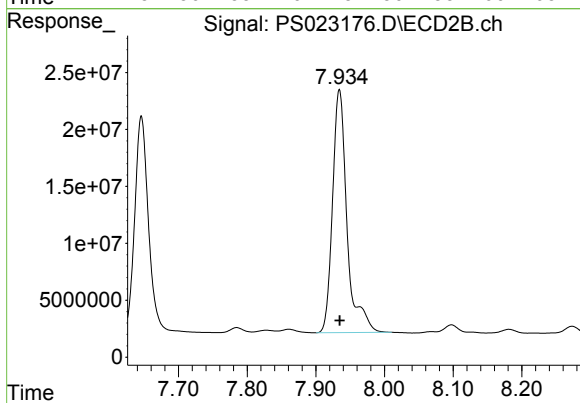
#8 DICHLORPROP

R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 260249383
Conc: 420.53 ng/ml



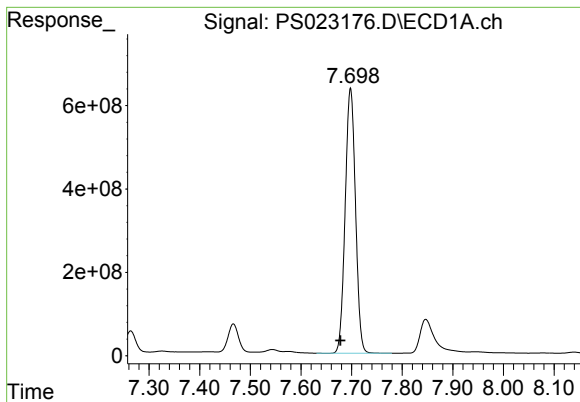
#9 2,4-D

R.T.: 7.466 min
Delta R.T.: 0.022 min
Response: 1068231521
Conc: 461.58 ng/ml



#9 2,4-D

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 312978746
Conc: 437.48 ng/ml



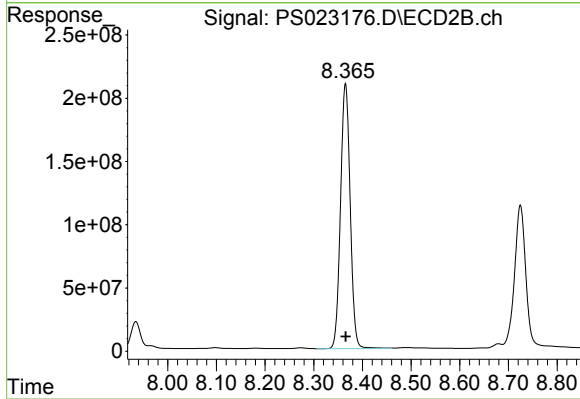
#10 Pentachlorophenol

R.T.: 7.698 min
Delta R.T.: 0.020 min
Response: 8993069202
Conc: 335.94 ng/ml

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

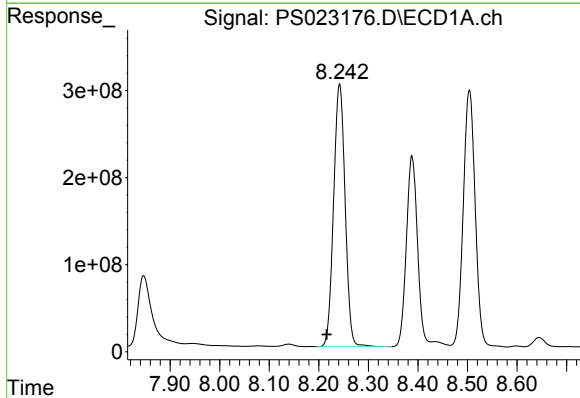
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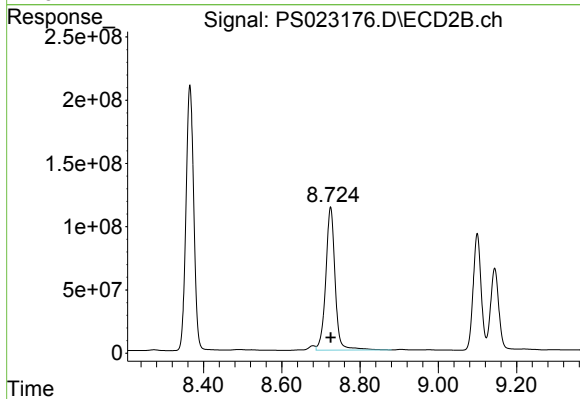
#10 Pentachlorophenol

R.T.: 8.365 min
Delta R.T.: 0.000 min
Response: 2887038302
Conc: 311.45 ng/ml



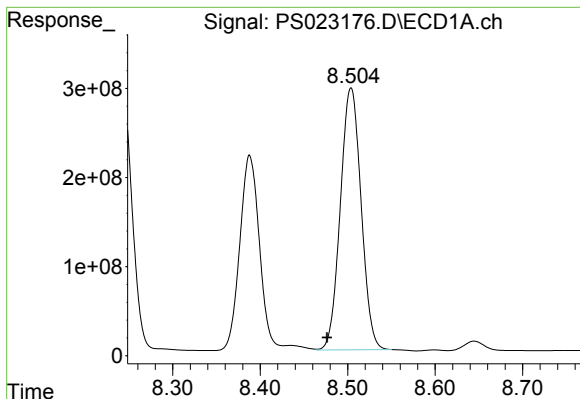
#11 2,4,5-TP (SILVEX)

R.T.: 8.242 min
Delta R.T.: 0.026 min
Response: 4865223164
Conc: 416.50 ng/ml



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

R.T.: 8.725 min
Delta R.T.: 0.000 min
Response: 1876111921
Conc: 526.98 ng/ml



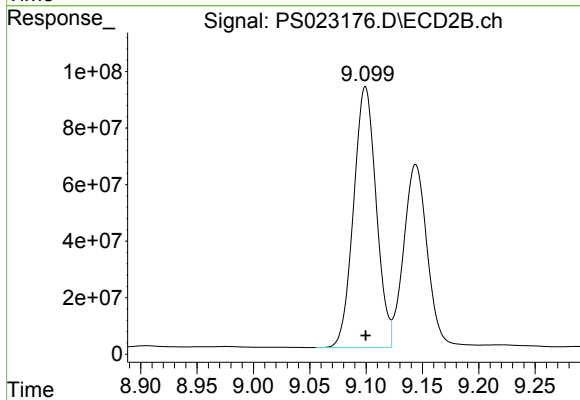
#12 2,4,5-T

R.T.: 8.504 min
Delta R.T.: 0.027 min
Response: 4850765133
Conc: 419.72 ng/ml

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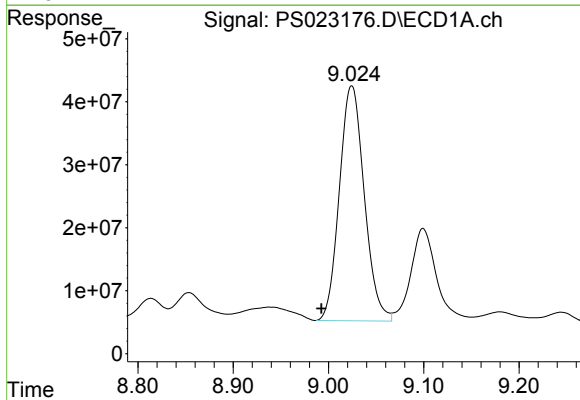
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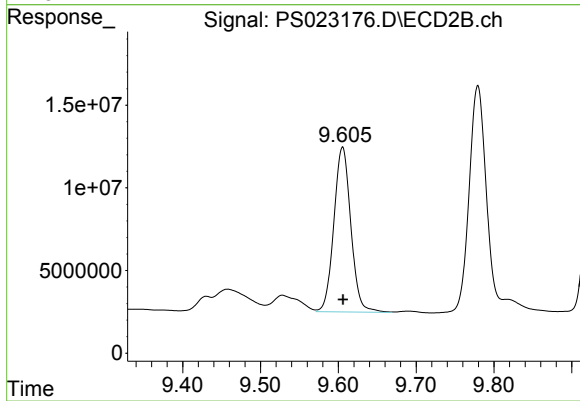
#12 2,4,5-T

R.T.: 9.099 min
Delta R.T.: 0.000 min
Response: 1287699503
Conc: 401.05 ng/ml



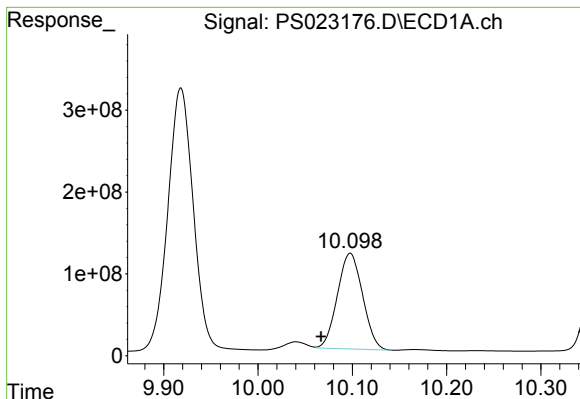
#13 2,4-DB

R.T.: 9.024 min
Delta R.T.: 0.032 min
Response: 677372438
Conc: 288.73 ng/ml



#13 2,4-DB

R.T.: 9.605 min
Delta R.T.: 0.000 min
Response: 151265752
Conc: 393.93 ng/ml



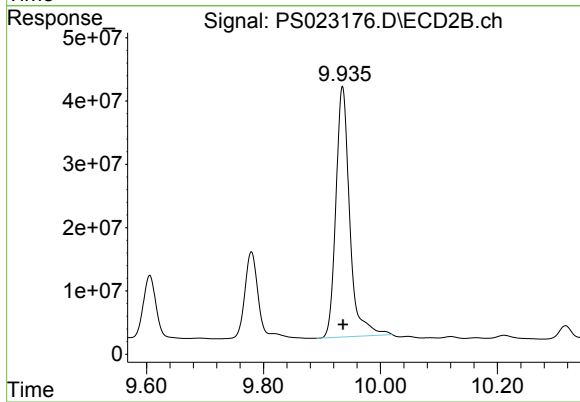
#14 DINOSEB

R.T.: 10.098 min
Delta R.T.: 0.031 min
Response: 2169775139
Conc: 265.78 ng/ml

Instrument :
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ClientSampleId :
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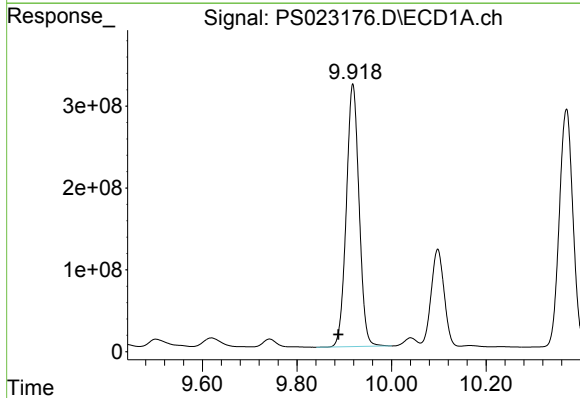
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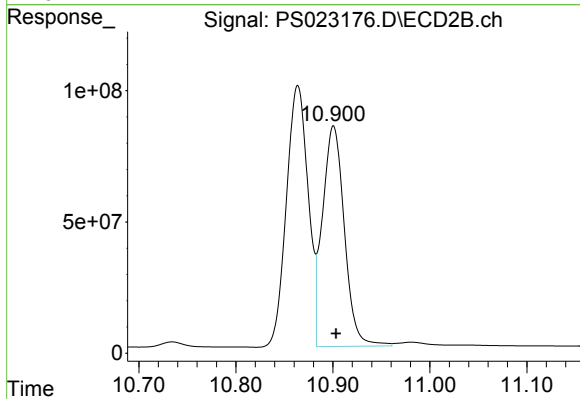
#14 DINOSEB

R.T.: 9.935 min
Delta R.T.: -0.001 min
Response: 650127049
Conc: 274.83 ng/ml



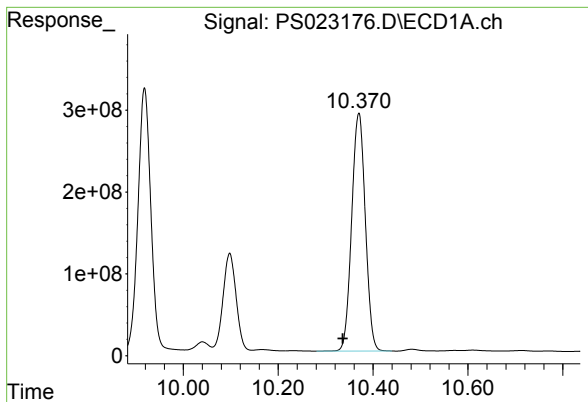
#15 Picloram

R.T.: 9.918 min
Delta R.T.: 0.030 min
Response: 6001484050
Conc: 349.97 ng/ml



#15 Picloram

R.T.: 10.901 min
Delta R.T.: -0.003 min
Response: 1320925134
Conc: 310.16 ng/ml



#16 DCPA

R.T.: 10.370 min
Delta R.T.: 0.034 min
Response: 5800807372
Conc: 444.67 ng/ml

Instrument :

ECD_S

ClientSampleId :

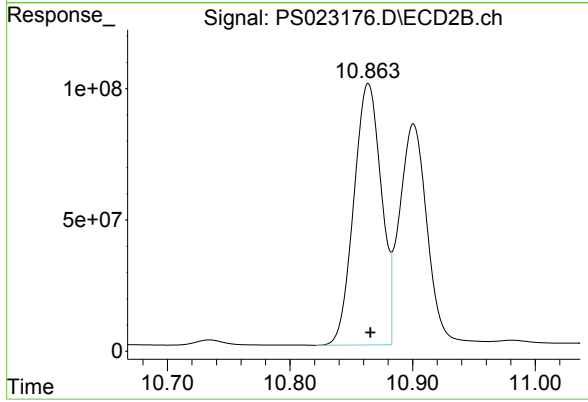
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#16 DCPA

R.T.: 10.864 min
Delta R.T.: -0.002 min
Response: 1553077647
Conc: 415.63 ng/ml