

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS053123\
 Data File : PS023166.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2023 17:45
 Operator : AR\AJ
 Sample : 02953-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

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 02:02:38 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	1462.4E6	203.4E6	961.481	362.540 #
Target Compounds							
1) T	Dalapon	2.552	2.582	505.2E6	317.3E6	312.470	367.614
2) T	3,5-DICHL...	5.835	6.023	916.7E6	368.0E6	456.834	433.817
5) T	DICAMBA	6.631	7.025	2737.5E6	1057.6E6	416.881	424.508
6) T	MCP	6.789	7.118	206.2E6	94874497	44.124m	53.622
7) T	MCPA	6.917	7.328	299.3E6	135.0E6	42.753	51.003
8) T	DICHLORPROP	7.242	7.647	826.2E6	299.4E6	440.831	483.775
9) T	2,4-D	7.443	7.935	1060.4E6	330.9E6	458.177	462.520
10) T	Pentachlo...	7.677	8.366	10532.5E6	3512.0E6	393.447	378.871
11) T	2,4,5-TP ...	8.214	8.725	5416.7E6	2062.0E6	463.715	579.193
12) T	2,4,5-T	8.474	9.099	5450.4E6	1483.9E6	471.606	462.168
13) T	2,4-DB	8.991	9.605	790.4E6	176.3E6	336.926	459.054 #
14) T	DINOSEB	10.063	9.935	2666.4E6	812.1E6	326.606m	343.313
15) T	Picloram	9.884	10.900	6750.2E6	1526.1E6	393.632	358.345
16) T	DCPA	10.333	10.863	6452.9E6	1776.5E6	494.657	475.431

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

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Operator : AR\AJ
Sample : 02953-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

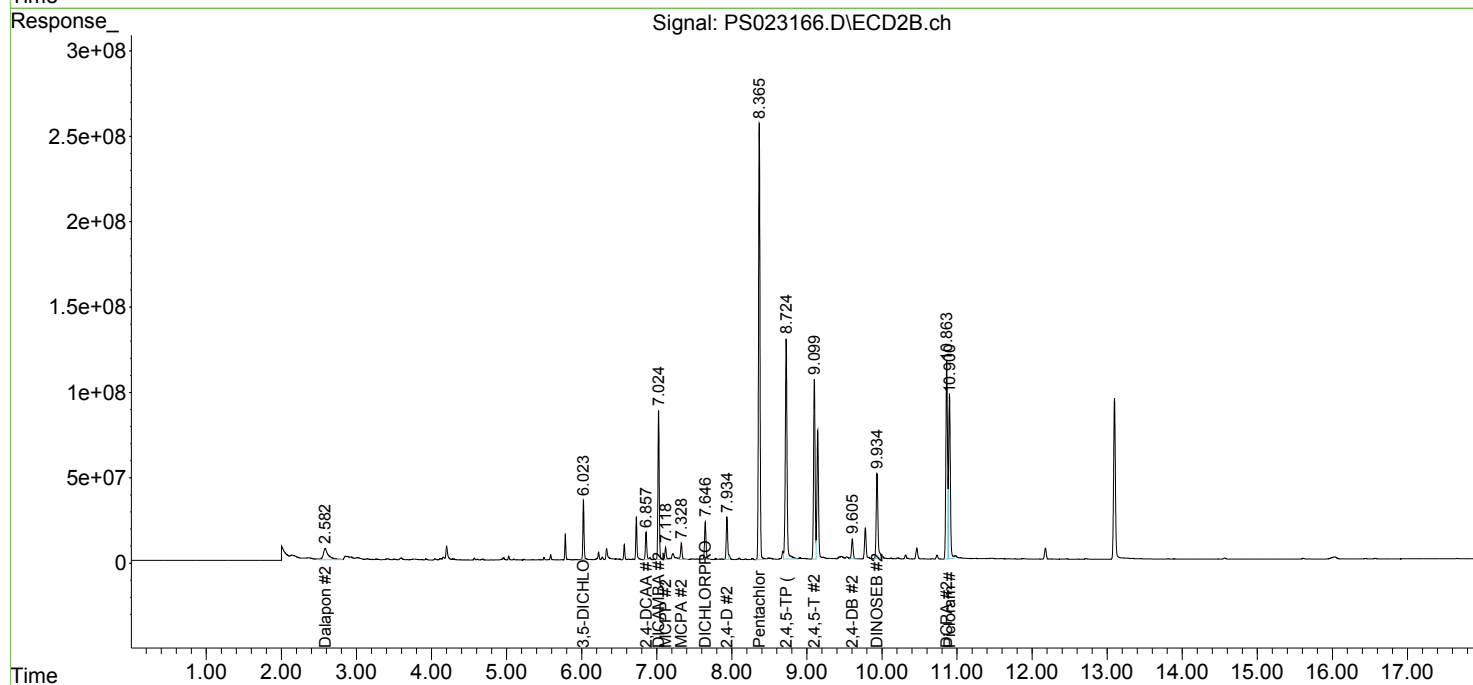
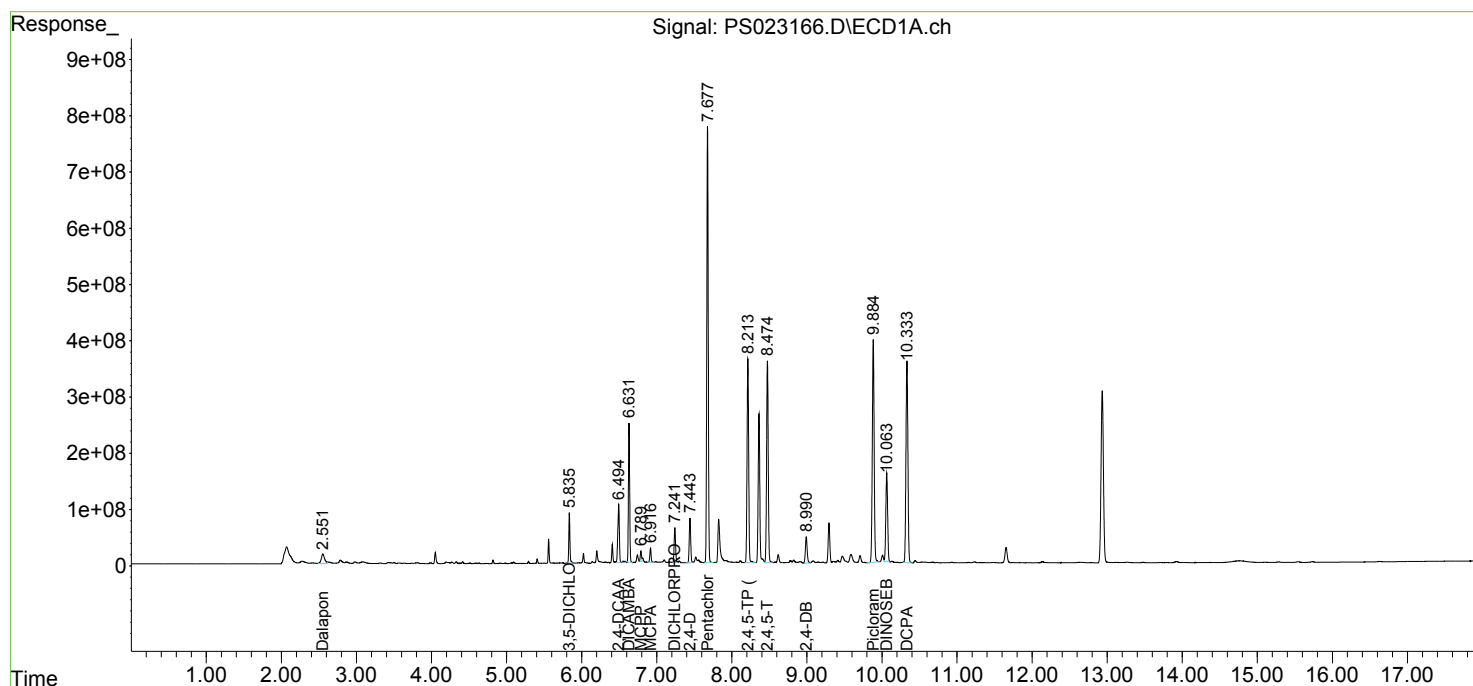
Instrument :
ECD_S
ClientSampleId :
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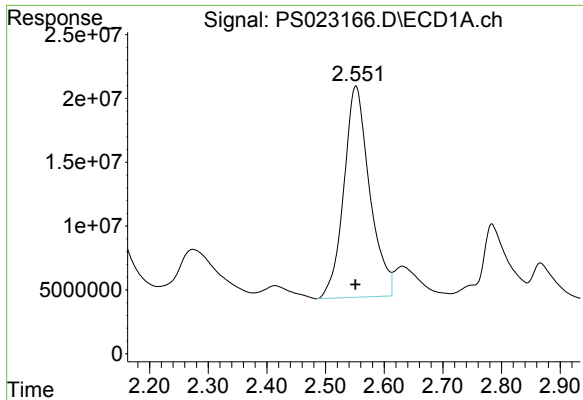
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 01 02:02:38 2023
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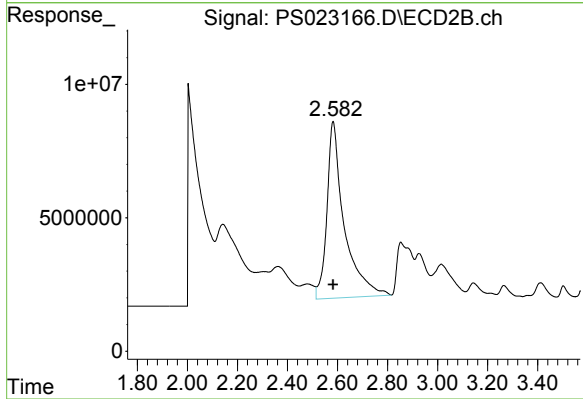
#1 Dalapon

R.T.: 2.552 min
Delta R.T.: 0.000 min
Response: 505236233
Conc: 312.47 ng/ml

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

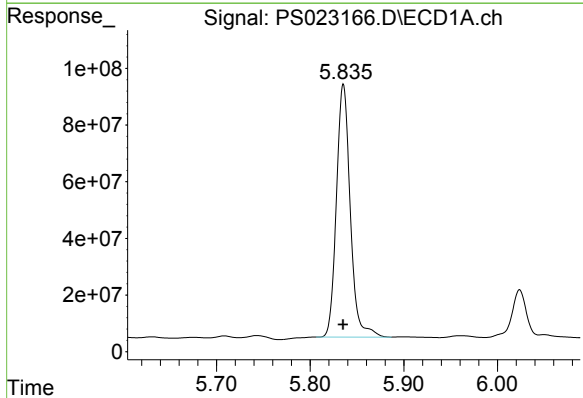
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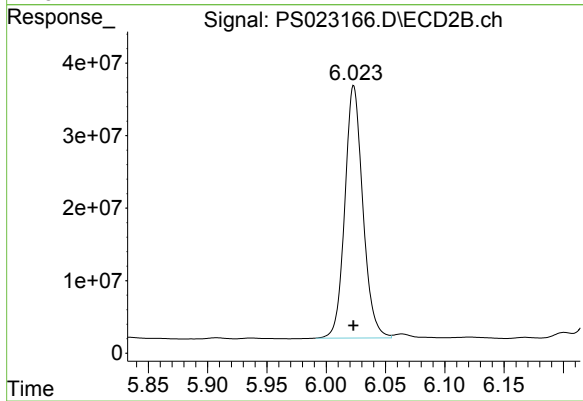
#1 Dalapon

R.T.: 2.582 min
Delta R.T.: 0.000 min
Response: 317310198
Conc: 367.61 ng/ml



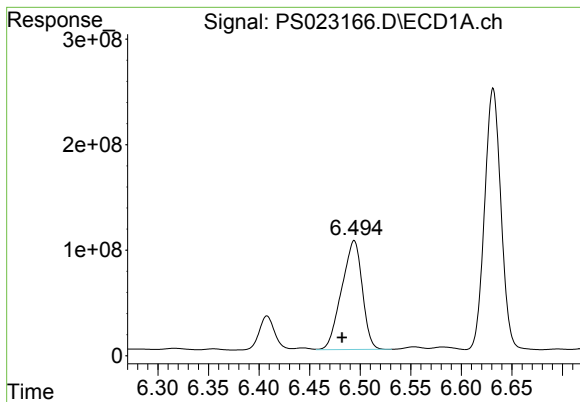
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 916745644
Conc: 456.83 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.023 min
Delta R.T.: 0.000 min
Response: 367968251
Conc: 433.82 ng/ml



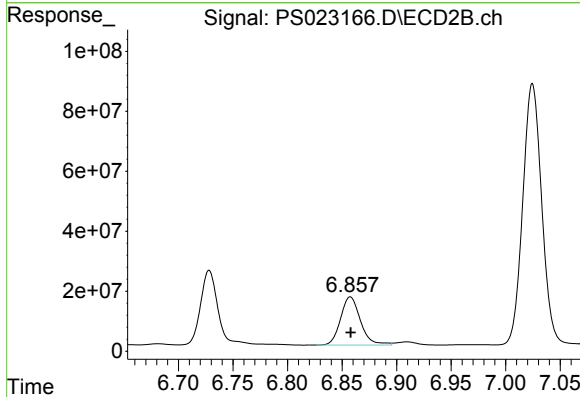
#4 2,4-DCAA

R.T.: 6.494 min
Delta R.T.: 0.012 min
Response: 1462407946
Conc: 961.48 ng/ml

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

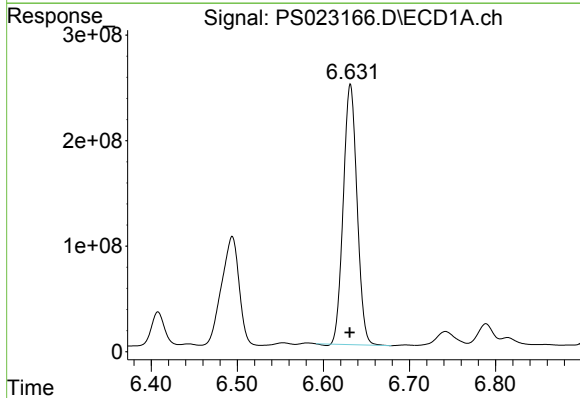
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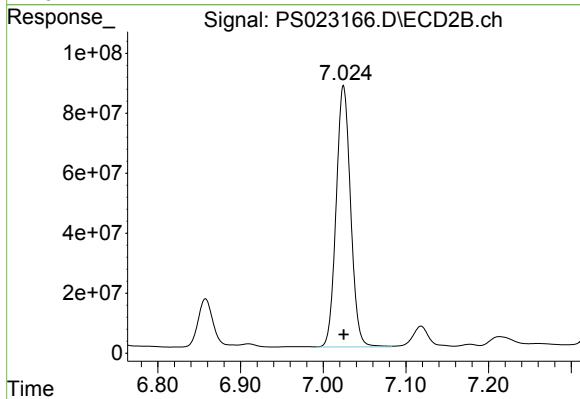
#4 2,4-DCAA

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 203426725
Conc: 362.54 ng/ml



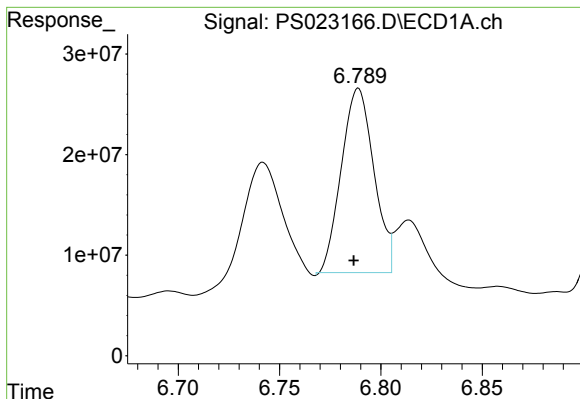
#5 DICAMBA

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 2737494155
Conc: 416.88 ng/ml



#5 DICAMBA

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 1057613241
Conc: 424.51 ng/ml



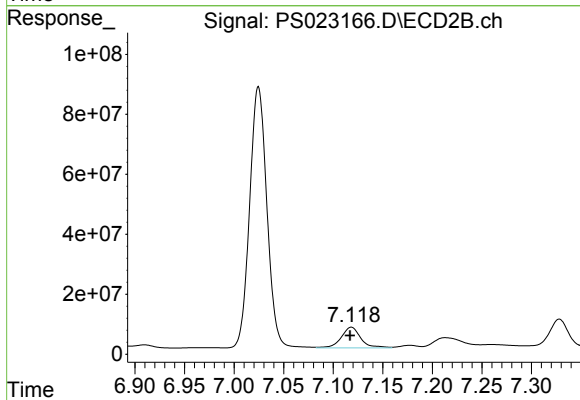
#6 MCPP

R.T.: 6.789 min
Delta R.T.: 0.002 min
Response: 206173858
Conc: 44.12 ug/ml

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

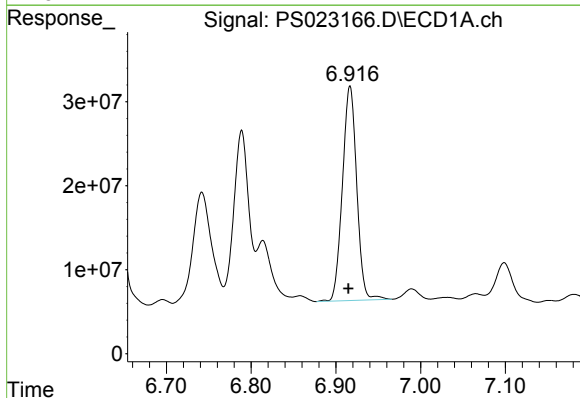
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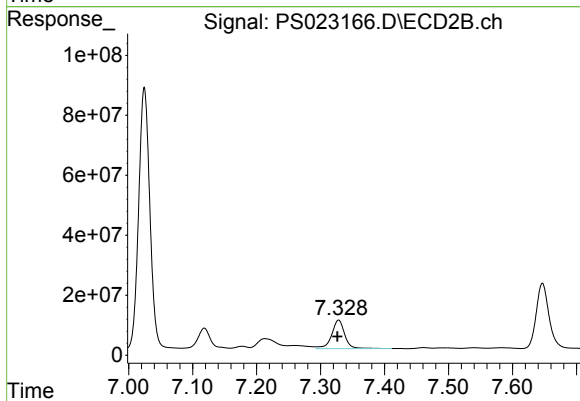
#6 MCPP

R.T.: 7.118 min
Delta R.T.: 0.001 min
Response: 94874497
Conc: 53.62 ug/ml



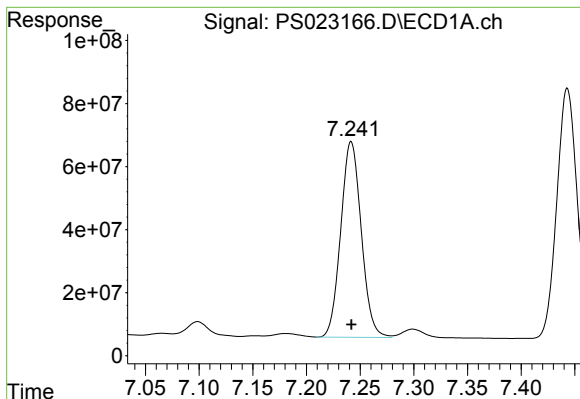
#7 MCPA

R.T.: 6.917 min
Delta R.T.: 0.002 min
Response: 299305463
Conc: 42.75 ug/ml



#7 MCPA

R.T.: 7.328 min
Delta R.T.: 0.002 min
Response: 135048765
Conc: 51.00 ug/ml



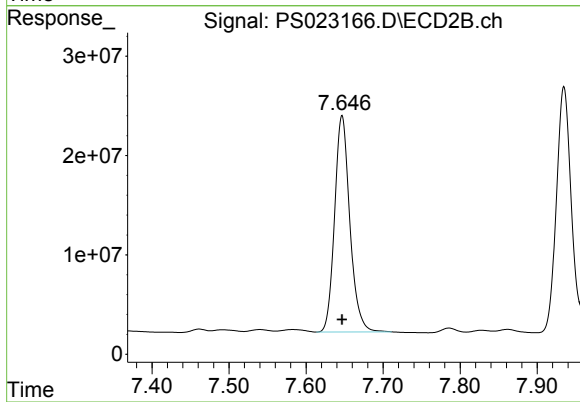
#8 DICHLORPROP

R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 826170030
Conc: 440.83 ng/ml

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

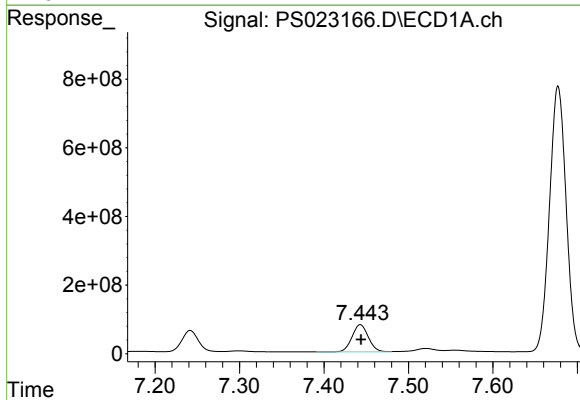
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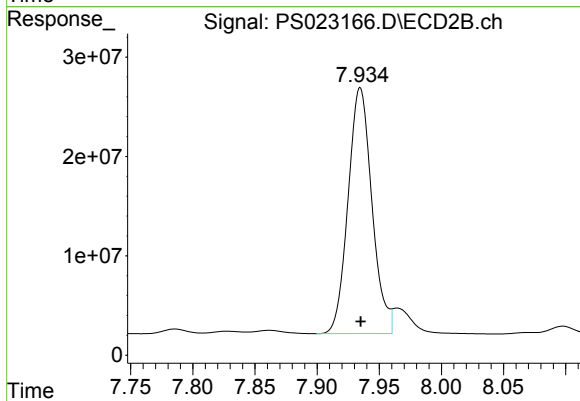
#8 DICHLORPROP

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 299388304
Conc: 483.77 ng/ml



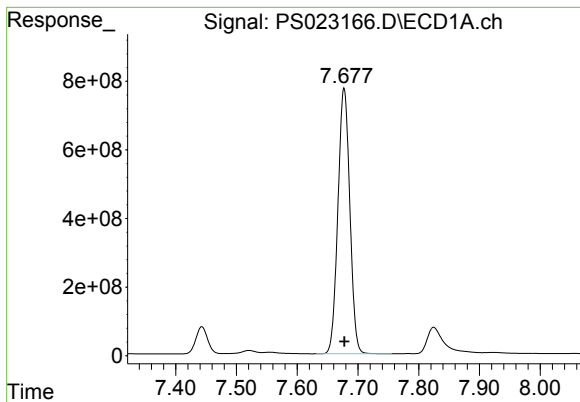
#9 2,4-D

R.T.: 7.443 min
Delta R.T.: -0.001 min
Response: 1060352610
Conc: 458.18 ng/ml



#9 2,4-D

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 330896140
Conc: 462.52 ng/ml



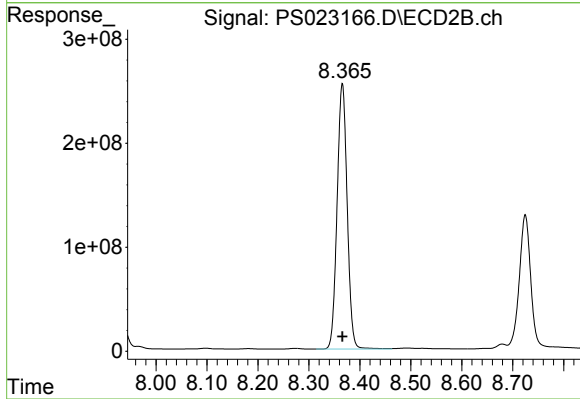
#10 Pentachlorophenol

R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 10532484665
Conc: 393.45 ng/ml

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

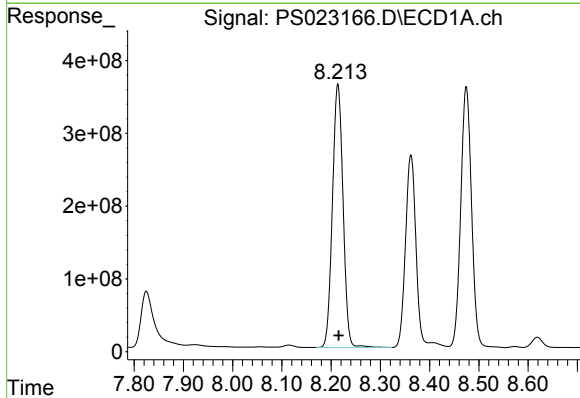
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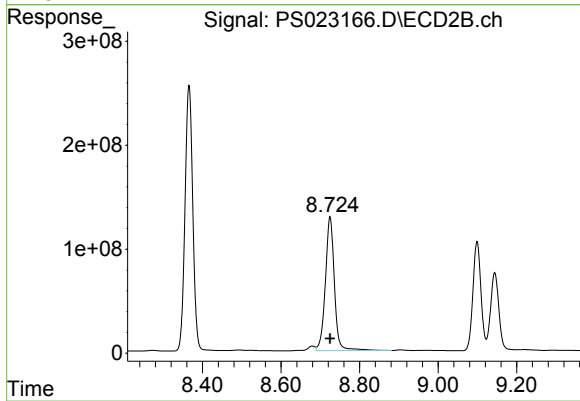
#10 Pentachlorophenol

R.T.: 8.366 min
Delta R.T.: 0.000 min
Response: 3511989868
Conc: 378.87 ng/ml



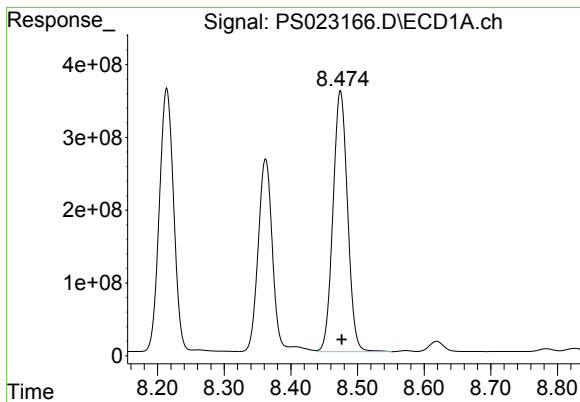
#11 2,4,5-TP (SILVEX)

R.T.: 8.214 min
Delta R.T.: -0.002 min
Response: 5416692933
Conc: 463.72 ng/ml



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

R.T.: 8.725 min
Delta R.T.: 0.000 min
Response: 2062009199
Conc: 579.19 ng/ml



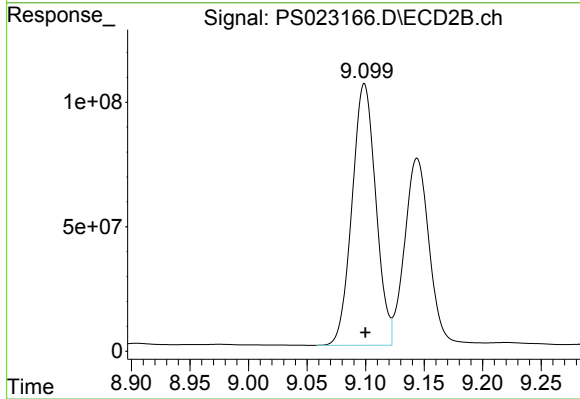
#12 2,4,5-T

R.T.: 8.474 min
Delta R.T.: -0.002 min
Response: 5450433862
Conc: 471.61 ng/ml

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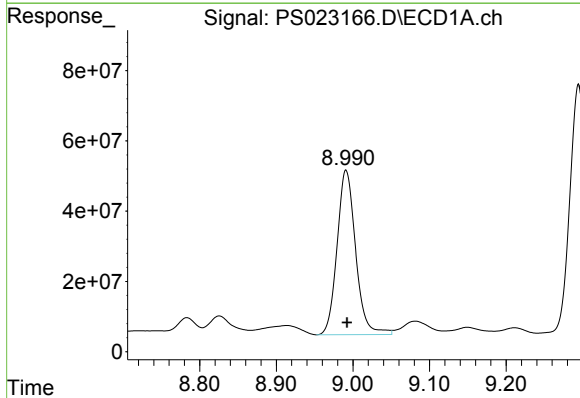
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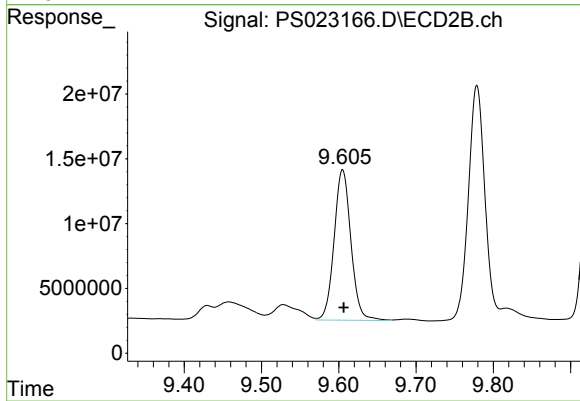
#12 2,4,5-T

R.T.: 9.099 min
Delta R.T.: 0.000 min
Response: 1483941862
Conc: 462.17 ng/ml



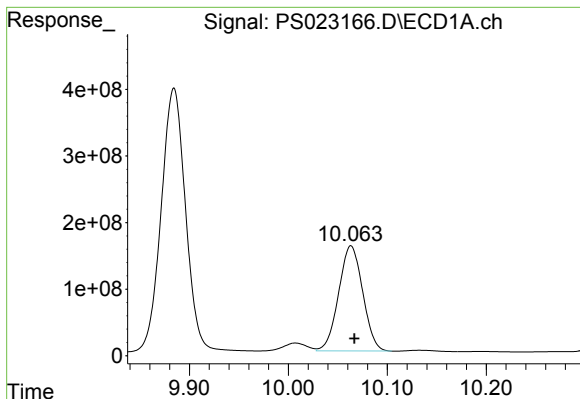
#13 2,4-DB

R.T.: 8.991 min
Delta R.T.: -0.001 min
Response: 790434098
Conc: 336.93 ng/ml



#13 2,4-DB

R.T.: 9.605 min
Delta R.T.: -0.001 min
Response: 176271858
Conc: 459.05 ng/ml



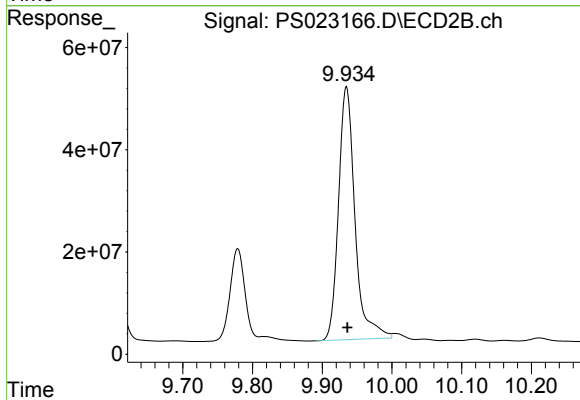
#14 DINOSEB

R.T.: 10.063 min
Delta R.T.: -0.004 min
Response: 2666364359
Conc: 326.61 ng/ml

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

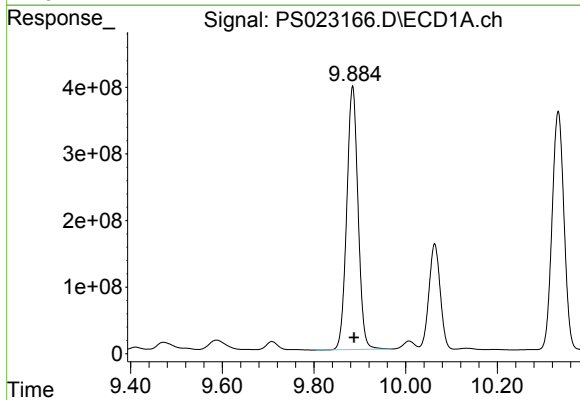
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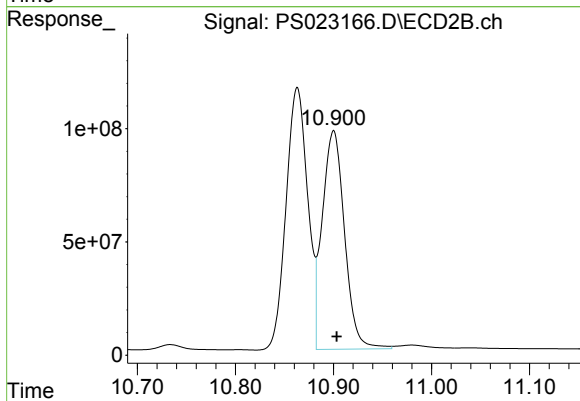
#14 DINOSEB

R.T.: 9.935 min
Delta R.T.: -0.002 min
Response: 812129267
Conc: 343.31 ng/ml



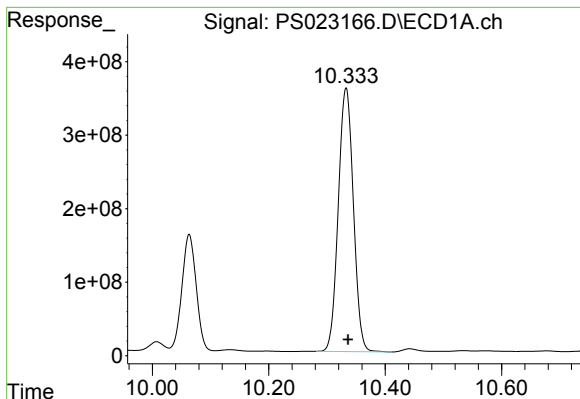
#15 Picloram

R.T.: 9.884 min
Delta R.T.: -0.004 min
Response: 6750171890
Conc: 393.63 ng/ml



#15 Picloram

R.T.: 10.900 min
Delta R.T.: -0.003 min
Response: 1526132101
Conc: 358.34 ng/ml



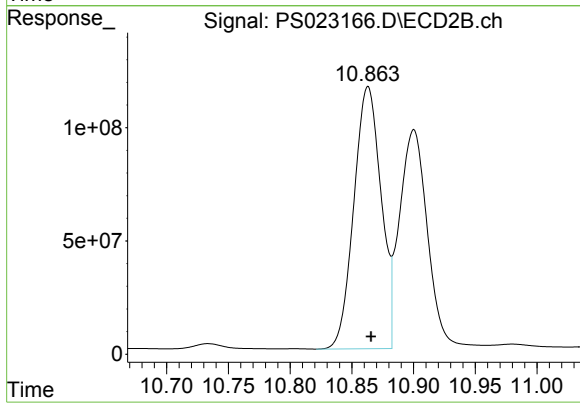
#16 DCPA

R.T.: 10.333 min
Delta R.T.: -0.004 min
Response: 6452914937
Conc: 494.66 ng/ml

Instrument :
ECD_S
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#16 DCPA

R.T.: 10.863 min
Delta R.T.: -0.003 min
Response: 1776526224
Conc: 475.43 ng/ml