

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080824\
 Data File : PS027336.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2024 11:48
 Operator : AR\AJ
 Sample : P3464-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TOPSOILMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/12/2024
 Supervised By : Ankita Jodhani 08/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 05:11:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080524.M
 Quant Title : 8080.M
 QLast Update : Tue Aug 06 08:10:22 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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	7.181	7.743	1401.3E6	906.1E6	557.161	487.219
Target Compounds							
1) T	Dalapon	2.603	2.692	789.9E6	1284.2E6	241.719m	384.872m#
2) T	3,5-DICHL...	6.361	6.698	1923.4E6	1192.6E6	483.057	435.171
3) T	4-Nitroph...	6.980	7.270	669.7E6	545.8E6	443.001	436.210m
5) T	DICAMBA	7.363	7.942	4644.4E6	3753.8E6	420.817	435.804
6) T	MCPD	7.541	8.042	315.0E6	239.2E6	41.388	42.012
7) T	MCPA	7.686	8.284	423.0E6	323.9E6	43.660	42.875
8) T	DICHLORPROP	8.057	8.654	1251.7E6	908.5E6	473.062	434.602
9) T	2,4-D	8.284	8.983	1483.0E6	1126.3E6	520.149	483.454
10) T	Pentachlo...	8.575	9.511	22106.3E6	16772.2E6	559.241	526.979
11) T	2,4,5-TP ...	9.147	9.884	7541.4E6	5985.7E6	497.233	468.689m
12) T	2,4,5-T	9.434	10.303	6471.5E6	5659.6E6	443.079m	448.845
13) T	2,4-DB	10.004	10.867	845.7E6	738.9E6	412.353m	467.466
14) T	DINOSEB	11.194	11.246	5218.7E6	3825.7E6	468.244	449.171
15) T	Picloram	11.010	12.338	7059.7E6	6286.7E6	366.157	348.465
16) T	DCPA	11.488	12.286	7881.7E6	6716.0E6	436.301	482.942m

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

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Operator : AR\AJ
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ALS Vial : 7 Sample Multiplier: 1

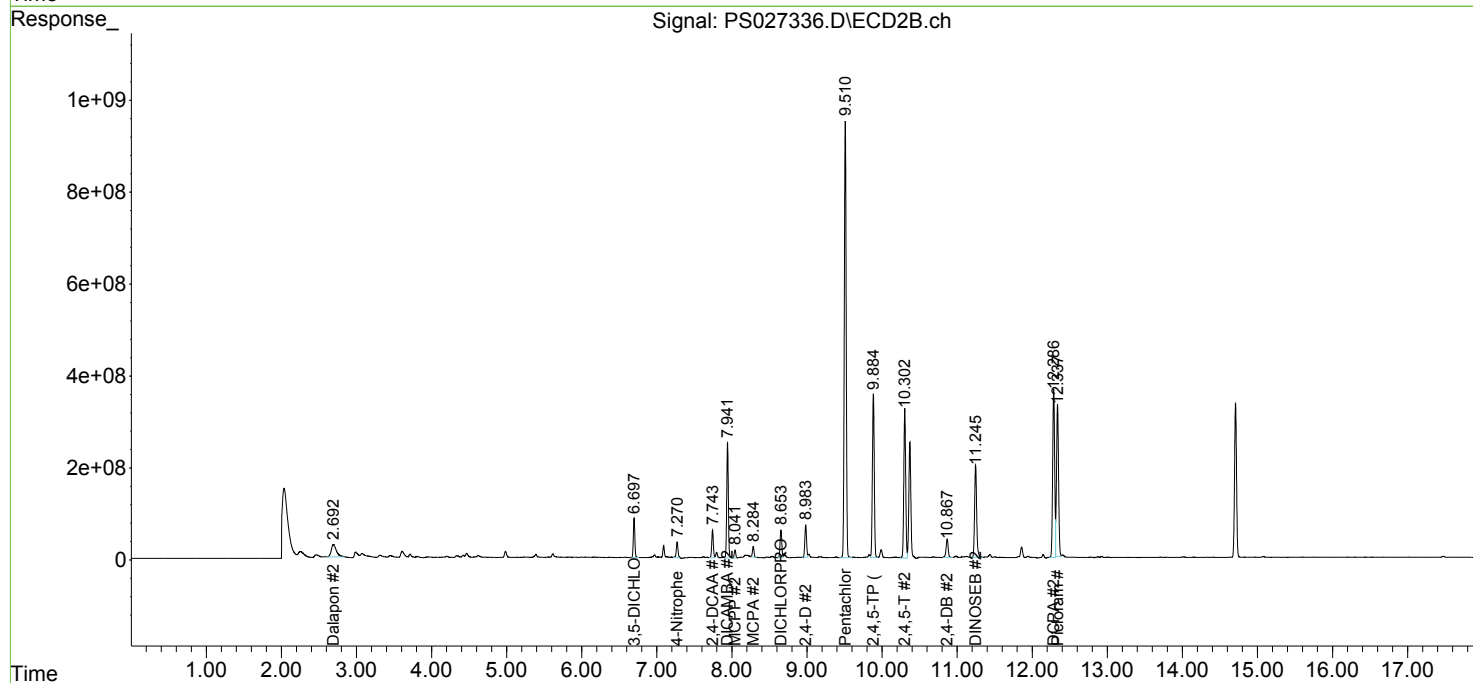
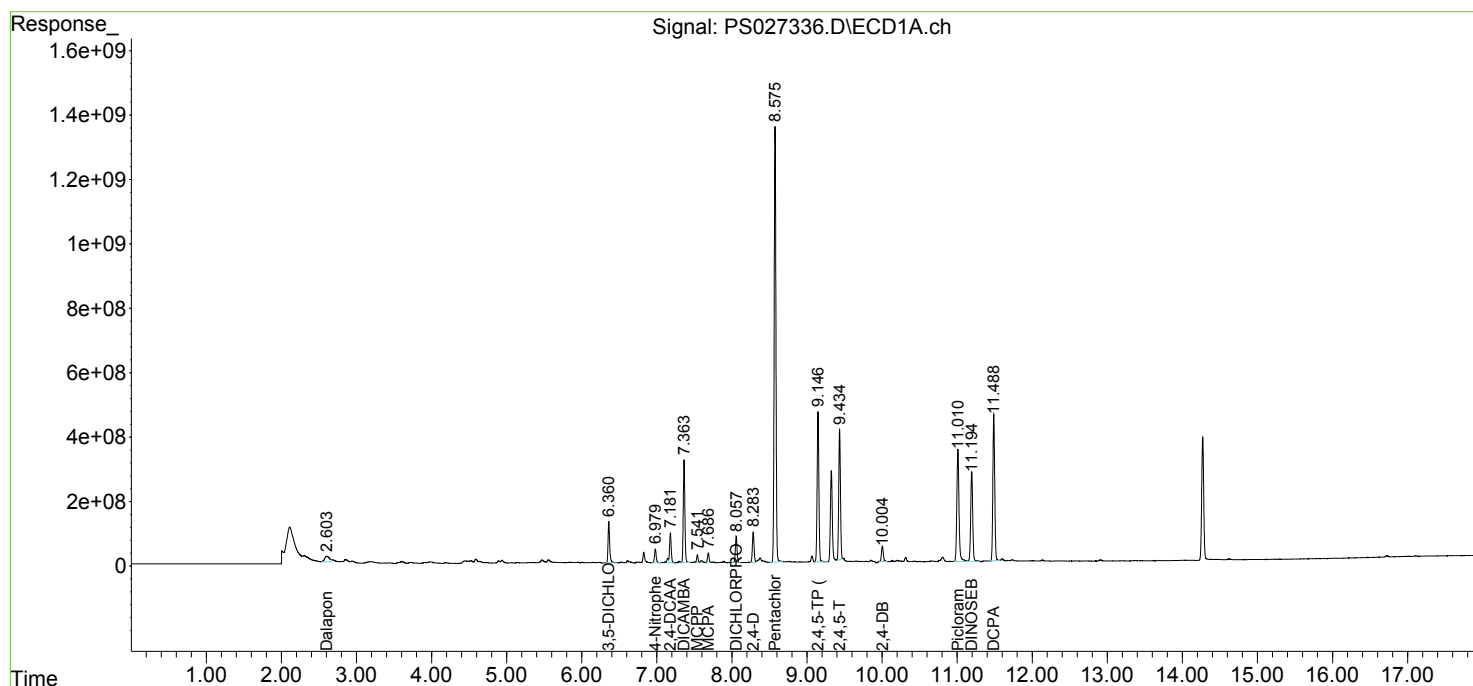
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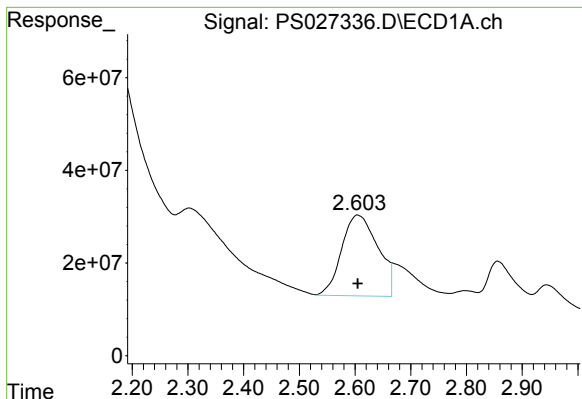
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.603 min
Delta R.T.: -0.002 min
Response: 789943997
Conc: 241.72 ng/ml

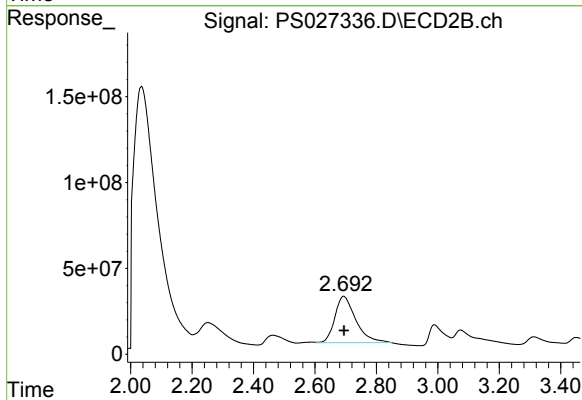
Instrument :

ECD_S

ClientSampleId :
TOPSOILMS

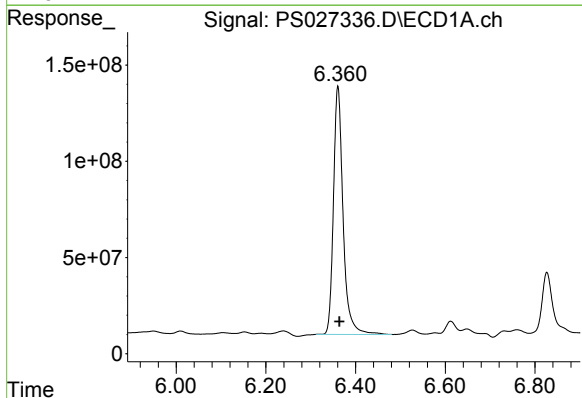
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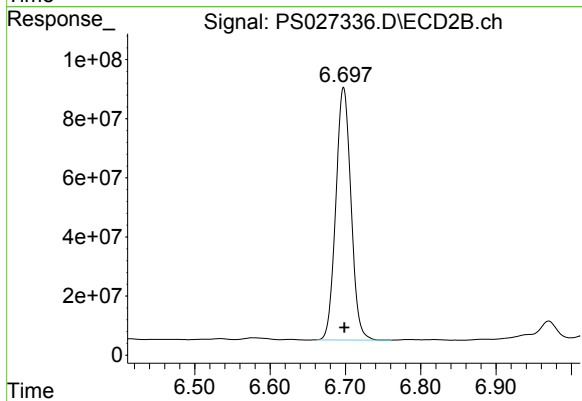
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: -0.003 min
Response: 1284198721
Conc: 384.87 ng/ml m



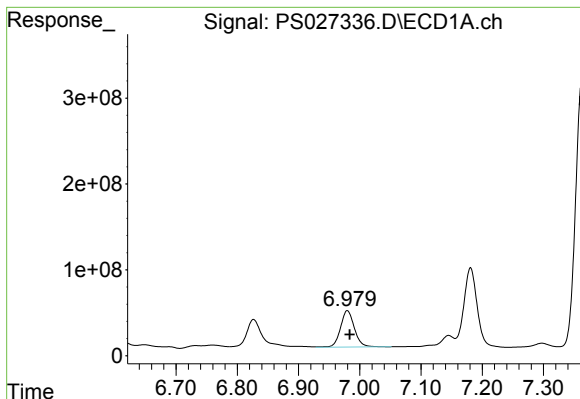
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.361 min
Delta R.T.: -0.004 min
Response: 1923403657
Conc: 483.06 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.698 min
Delta R.T.: -0.001 min
Response: 1192595652
Conc: 435.17 ng/ml



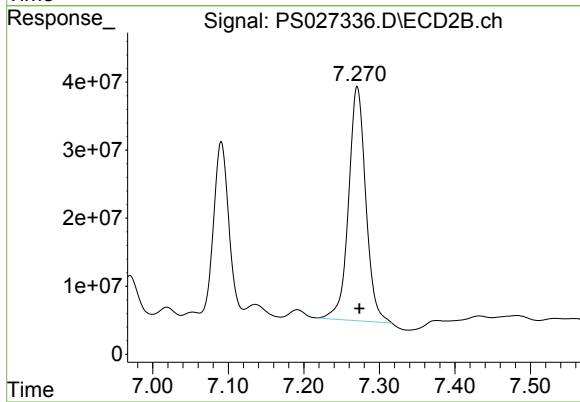
#3 4-Nitrophenol

R.T.: 6.980 min
Delta R.T.: -0.004 min
Response: 669728759
Conc: 443.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
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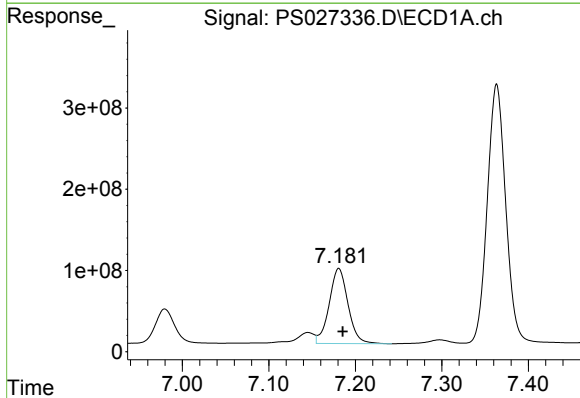
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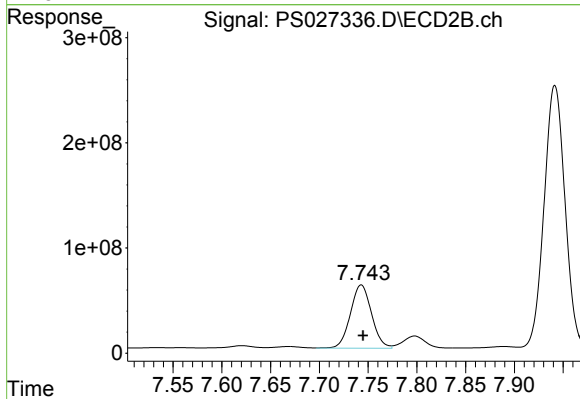
#3 4-Nitrophenol

R.T.: 7.270 min
Delta R.T.: -0.003 min
Response: 545777865
Conc: 436.21 ng/ml m



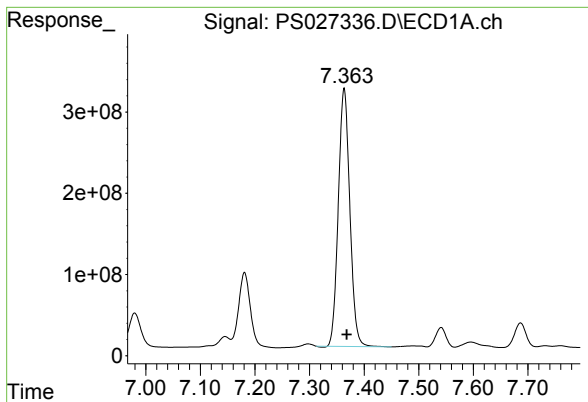
#4 2,4-DCAA

R.T.: 7.181 min
Delta R.T.: -0.005 min
Response: 1401326748
Conc: 557.16 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: -0.002 min
Response: 906116437
Conc: 487.22 ng/ml



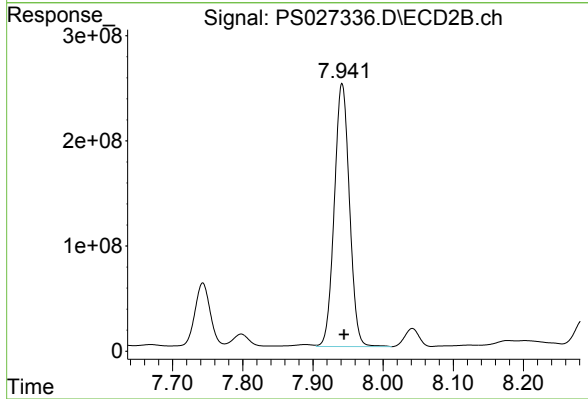
#5 DICAMBA

R.T.: 7.363 min
Delta R.T.: -0.005 min
Response: 4644364975
Conc: 420.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOILMS

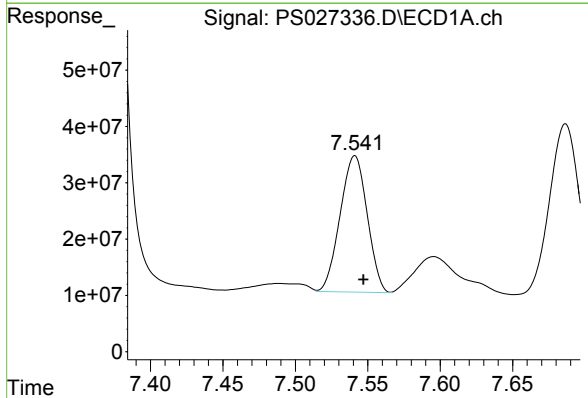
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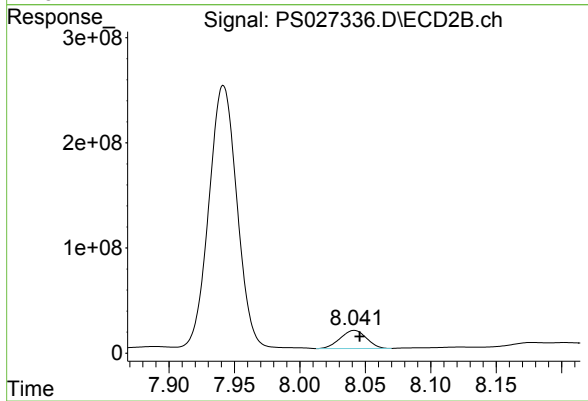
#5 DICAMBA

R.T.: 7.942 min
Delta R.T.: -0.003 min
Response: 3753836562
Conc: 435.80 ng/ml



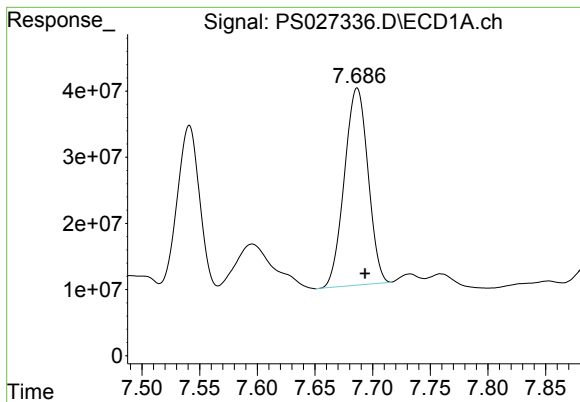
#6 MCP

R.T.: 7.541 min
Delta R.T.: -0.006 min
Response: 314959239
Conc: 41.39 ug/ml



#6 MCP

R.T.: 8.042 min
Delta R.T.: -0.004 min
Response: 239235619
Conc: 42.01 ug/ml



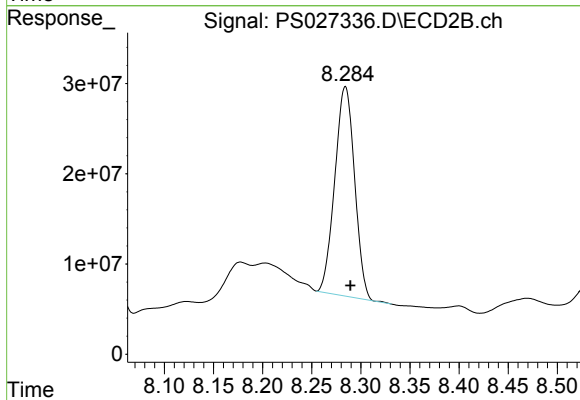
#7 MCPA

R.T.: 7.686 min
Delta R.T.: -0.007 min
Response: 422985900
Conc: 43.66 ug/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOILMS

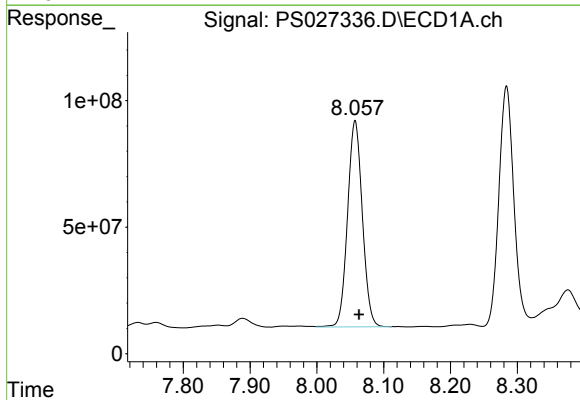
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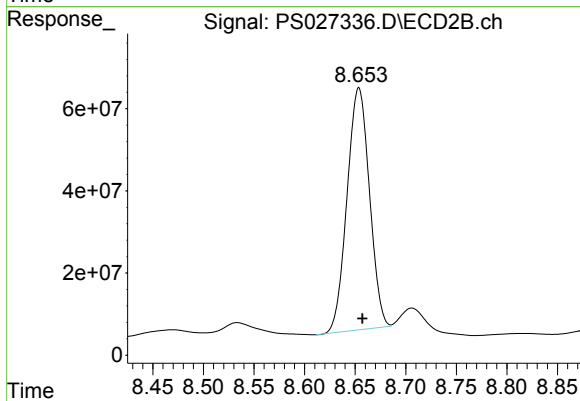
#7 MCPA

R.T.: 8.284 min
Delta R.T.: -0.005 min
Response: 323882347
Conc: 42.88 ug/ml



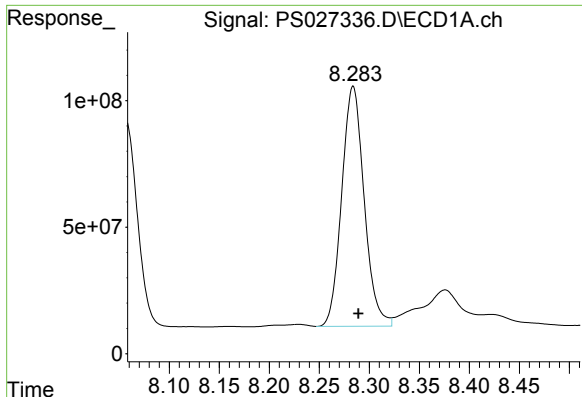
#8 DICHLORPROP

R.T.: 8.057 min
Delta R.T.: -0.006 min
Response: 1251671387
Conc: 473.06 ng/ml



#8 DICHLORPROP

R.T.: 8.654 min
Delta R.T.: -0.003 min
Response: 908526777
Conc: 434.60 ng/ml



#9 2,4-D

R.T.: 8.284 min
Delta R.T.: -0.005 min
Response: 1483012789
Conc: 520.15 ng/ml

Instrument :

ECD_S

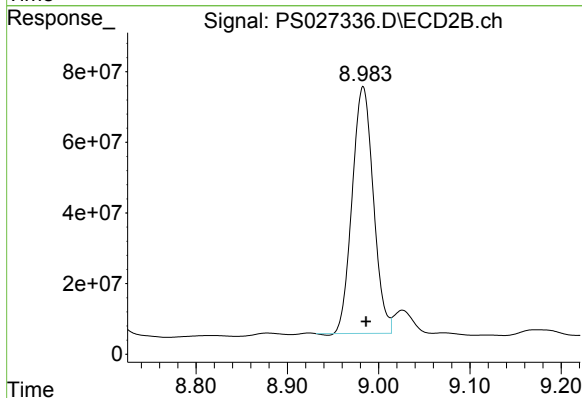
ClientSampleId :

TOPSOILMS

Manual Integrations

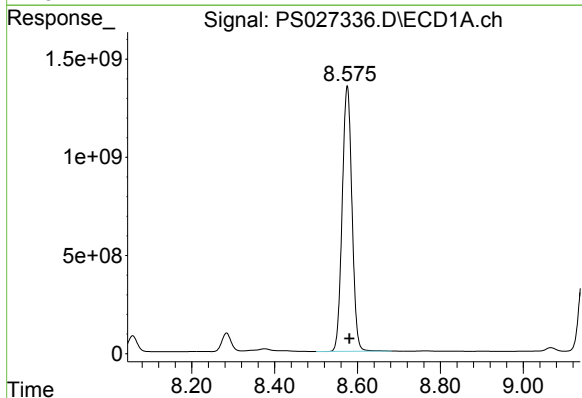
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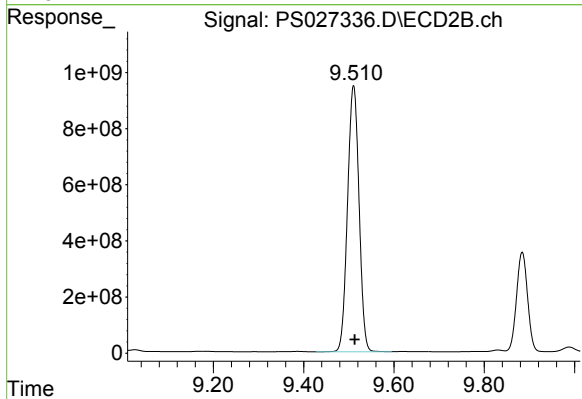
#9 2,4-D

R.T.: 8.983 min
Delta R.T.: -0.003 min
Response: 1126303450
Conc: 483.45 ng/ml



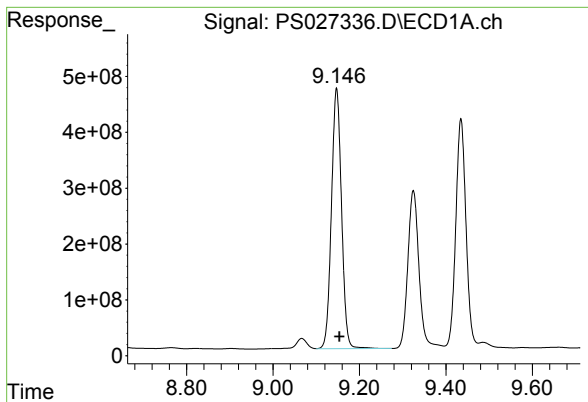
#10 Pentachlorophenol

R.T.: 8.575 min
Delta R.T.: -0.005 min
Response: 22106301639
Conc: 559.24 ng/ml



#10 Pentachlorophenol

R.T.: 9.511 min
Delta R.T.: -0.003 min
Response: 16772240008
Conc: 526.98 ng/ml



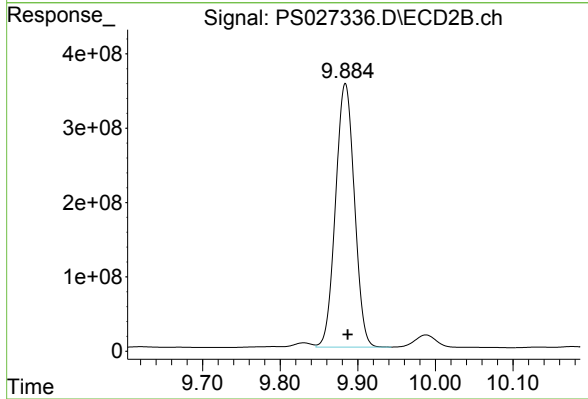
#11 2,4,5-TP (SILVEX)

R.T.: 9.147 min
Delta R.T.: -0.006 min
Response: 7541386133
Conc: 497.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOILMS

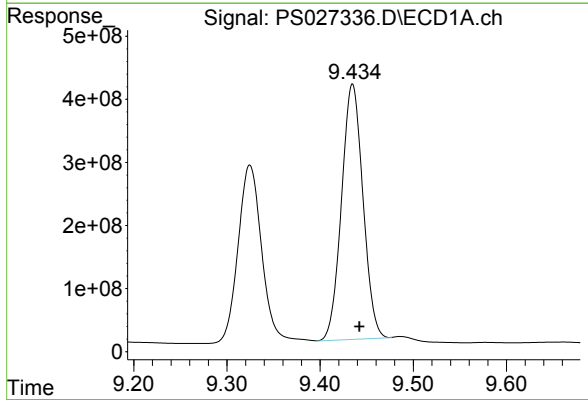
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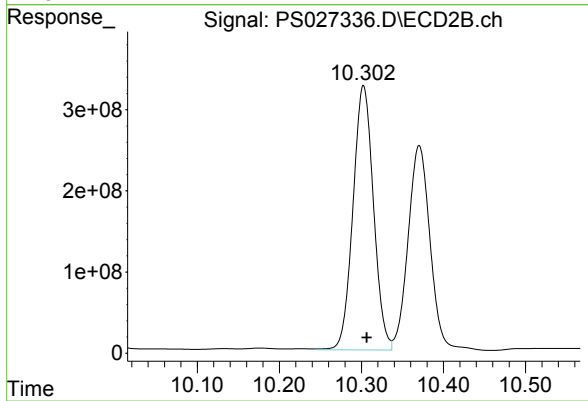
#11 2,4,5-TP (SILVEX)

R.T.: 9.884 min
Delta R.T.: -0.004 min
Response: 5985667604
Conc: 468.69 ng/ml m



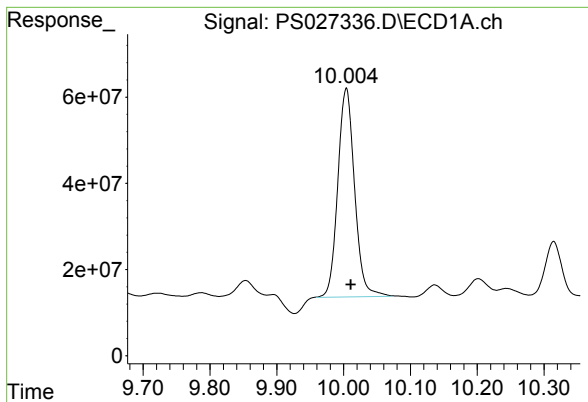
#12 2,4,5-T

R.T.: 9.434 min
Delta R.T.: -0.008 min
Response: 6471469079
Conc: 443.08 ng/ml m



#12 2,4,5-T

R.T.: 10.303 min
Delta R.T.: -0.004 min
Response: 5659583378
Conc: 448.85 ng/ml



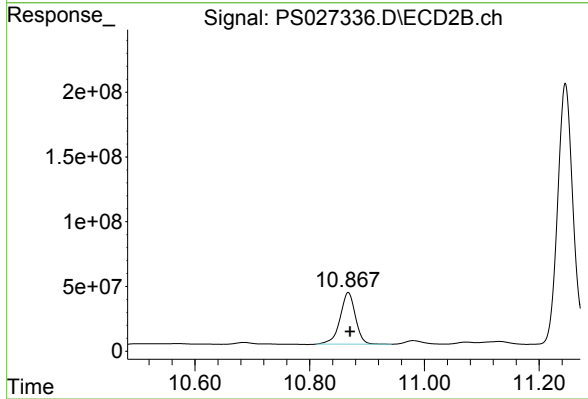
#13 2,4-DB

R.T.: 10.004 min
Delta R.T.: -0.007 min
Response: 845671165
Conc: 412.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOILMS

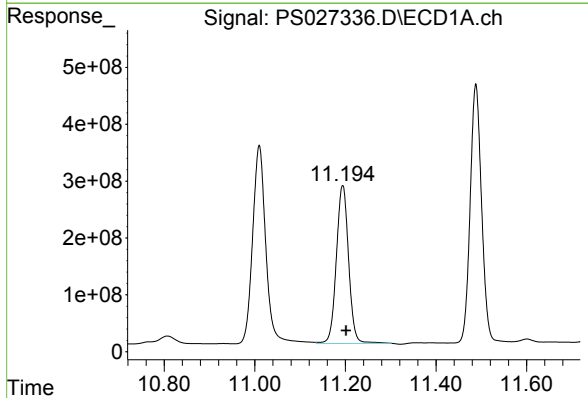
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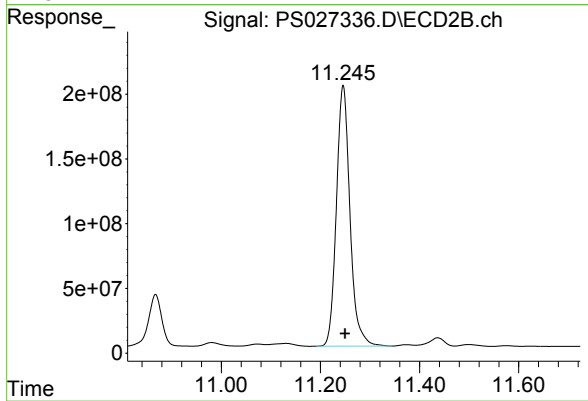
#13 2,4-DB

R.T.: 10.867 min
Delta R.T.: -0.003 min
Response: 738945282
Conc: 467.47 ng/ml



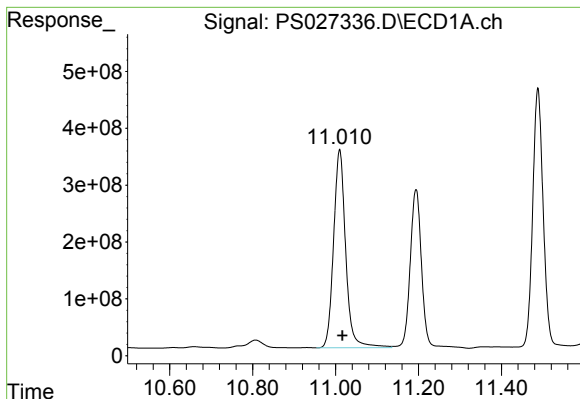
#14 DINOSEB

R.T.: 11.194 min
Delta R.T.: -0.008 min
Response: 5218697105
Conc: 468.24 ng/ml



#14 DINOSEB

R.T.: 11.246 min
Delta R.T.: -0.004 min
Response: 3825661561
Conc: 449.17 ng/ml



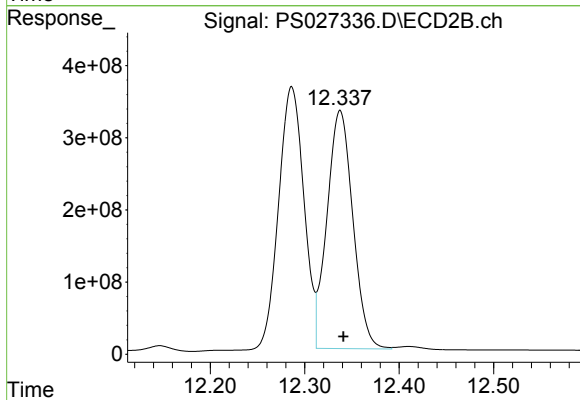
#15 Picloram

R.T.: 11.010 min
Delta R.T.: -0.007 min
Response: 7059657106
Conc: 366.16 ng/ml

Instrument :
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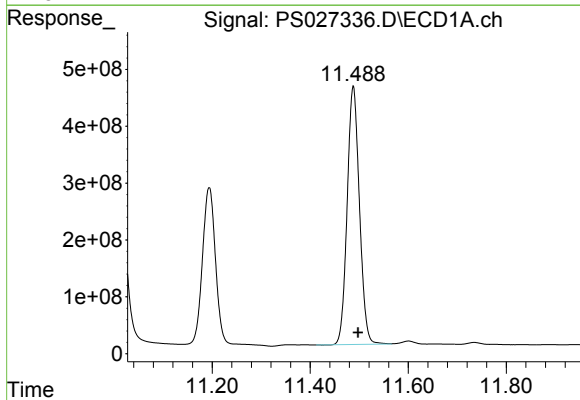
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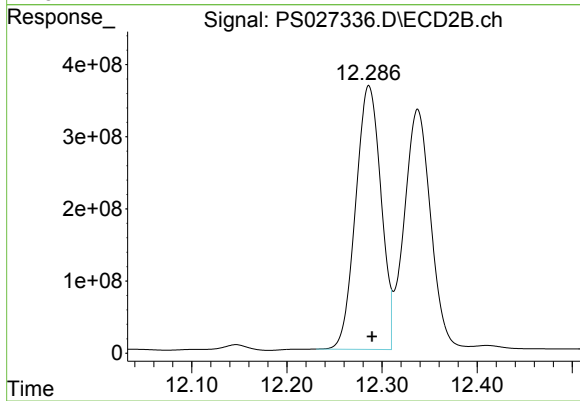
#15 Picloram

R.T.: 12.338 min
Delta R.T.: -0.003 min
Response: 6286698912
Conc: 348.47 ng/ml



#16 DCPA

R.T.: 11.488 min
Delta R.T.: -0.010 min
Response: 7881678799
Conc: 436.30 ng/ml



#16 DCPA

R.T.: 12.286 min
Delta R.T.: -0.004 min
Response: 6715973473
Conc: 482.94 ng/ml m