

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100322\
 Data File : PS020724.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2022 18:51
 Operator : AR\AJ
 Sample : N4892-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TOPSOIL-STORMWATER-DENALIMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/04/2022
 Supervised By :Ankita Jodhani 10/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:49:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS091322.M
 Quant Title : 8080.M
 QLast Update : Wed Sep 14 02:51:16 2022
 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 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	7.170	6.756	436.2E6	133.9E6	126.740	157.257
Target Compounds							
1) T	Dalapon	2.998	2.514	806.4E6	355.6E6	160.659	293.276m#
2) T	3,5-DICHL...	6.391	5.945	437.4E6	105.0E6	87.711m	76.965m
3) T	4-Nitroph...	7.006	6.384	253.0E6	82602477	258.640	175.297 #
5) T	DICAMBA	7.359	6.918	1934.4E6	465.9E6	141.463	121.027
6) T	MCPD	7.523	7.007	74443311	36272181	7.149	12.560 #
7) T	MCPA	7.671	7.219	160.3E6	49832055	10.810	11.541
8) T	DICHLORPROP	8.048	7.538	339.3E6	128.8E6	94.103m	127.612 #
9) T	2,4-D	8.280	7.829	581.3E6	182.6E6	125.060	143.769
10) T	Pentachlo...	8.582	8.251	4577.5E6	1323.2E6	99.244	93.374
11) T	2,4,5-TP ...	9.132	8.611	1435.3E6	421.8E6	70.222	71.262
12) T	2,4,5-T	9.417	8.988	1555.9E6	474.9E6	70.257	87.146
13) T	2,4-DB	9.969	9.507	378.0E6	132.9E6	104.093	185.720 #
15) T	Picloram	10.948	10.797	6326.8E6	1723.8E6	210.241	214.053
16) T	DCPA	11.388	10.742	5167.8E6	1663.7E6	201.723	225.569

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100322\
 Data File : PS020724.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2022 18:51
 Operator : AR\AJ
 Sample : N4892-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

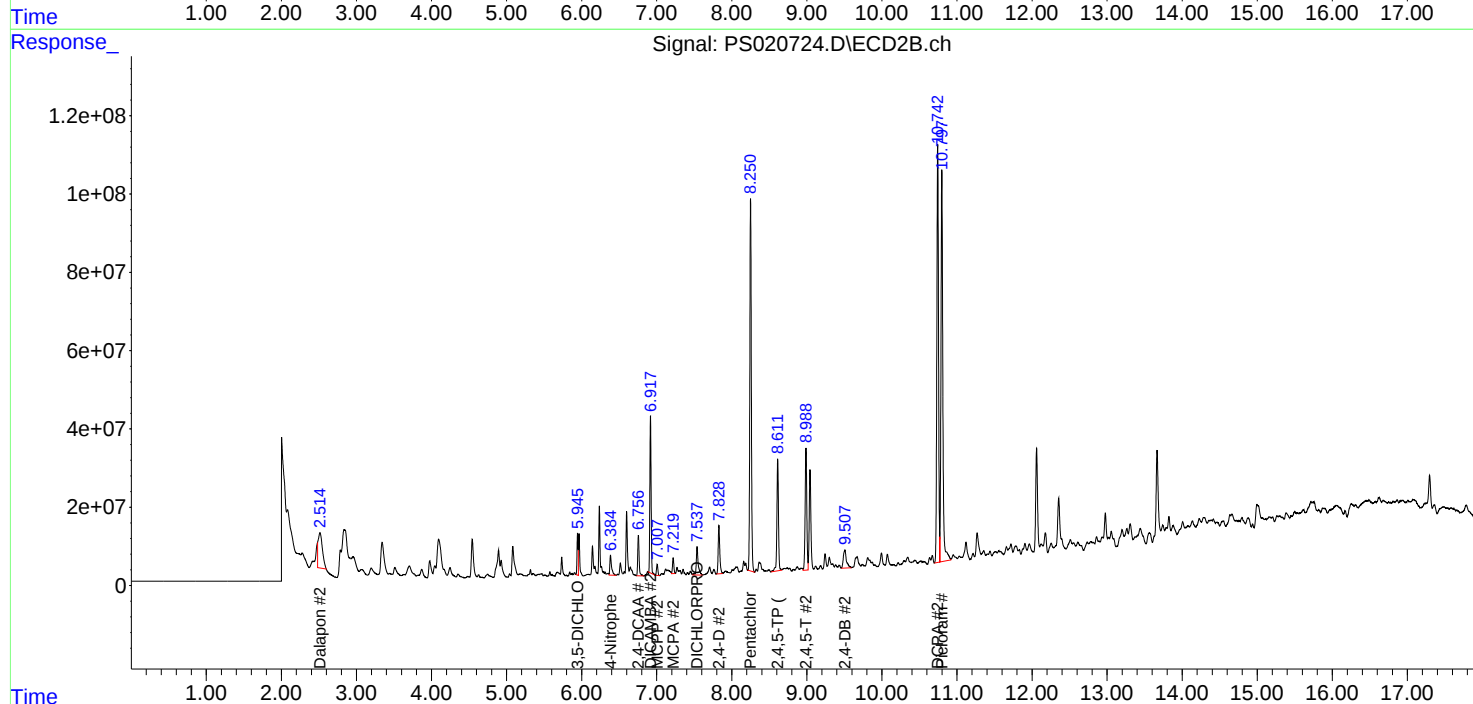
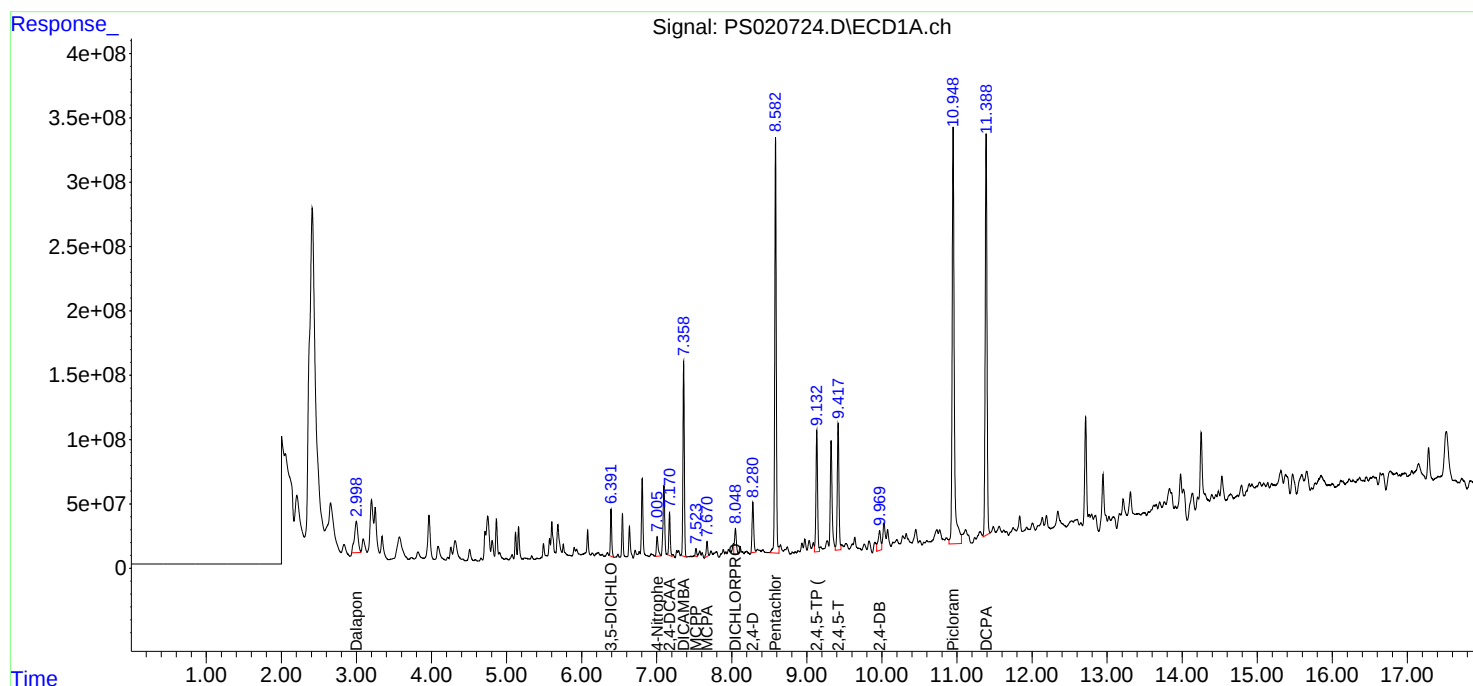
Instrument :
 ECD_S
 ClientSampleId :
 TOPSOIL-STORMWATER-DENALIMSD

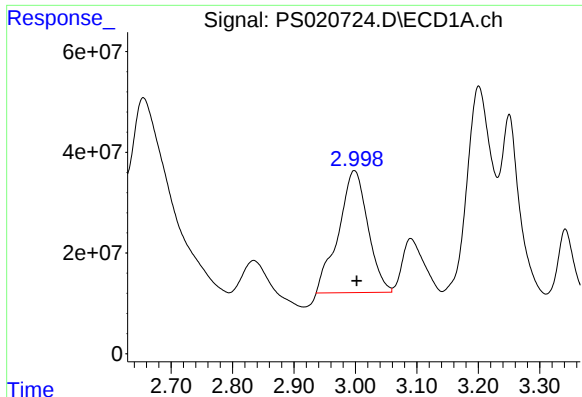
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 10/04/2022
 Supervised By : Ankita Jodhani 10/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:49:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS091322.M
 Quant Title : 8080.M
 QLast Update : Wed Sep 14 02:51:16 2022
 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





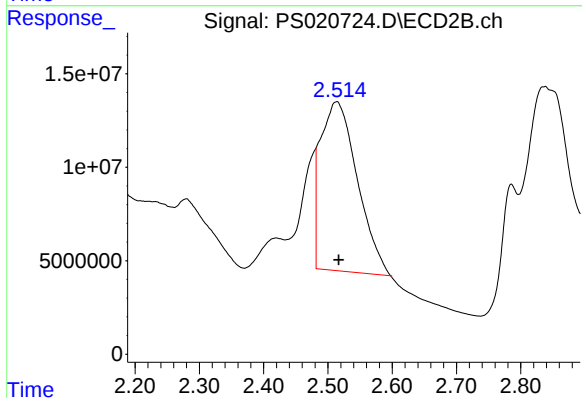
#1 Dalapon

R.T.: 2.998 min
Delta R.T.: -0.004 min
Response: 806356619
Conc: 160.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOIL-STORMWATER-DENALIMSD

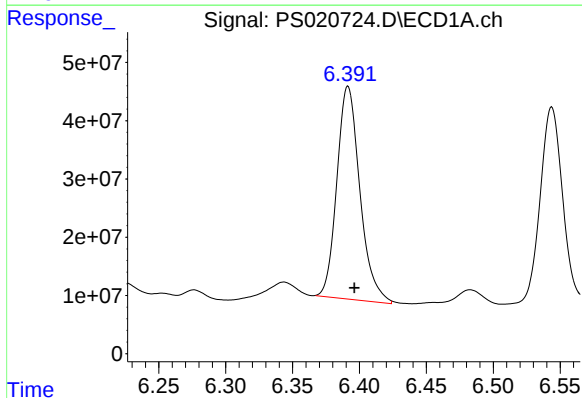
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/04/2022
Supervised By :Ankita Jodhani 10/04/2022



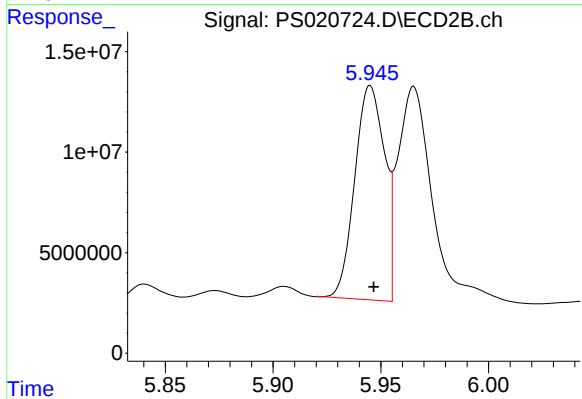
#1 Dalapon

R.T.: 2.514 min
Delta R.T.: -0.003 min
Response: 355604242
Conc: 293.28 ng/ml m



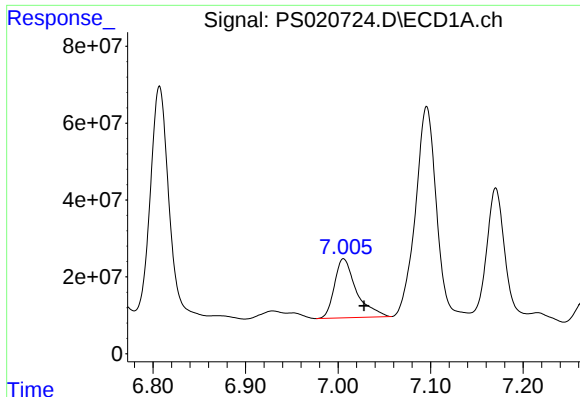
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.391 min
Delta R.T.: -0.005 min
Response: 437379078
Conc: 87.71 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 105028983
Conc: 76.97 ng/ml m



#3 4-Nitrophenol

R.T.: 7.006 min
Delta R.T.: -0.022 min
Response: 252967280
Conc: 258.64 ng/ml

Instrument :

ECD_S

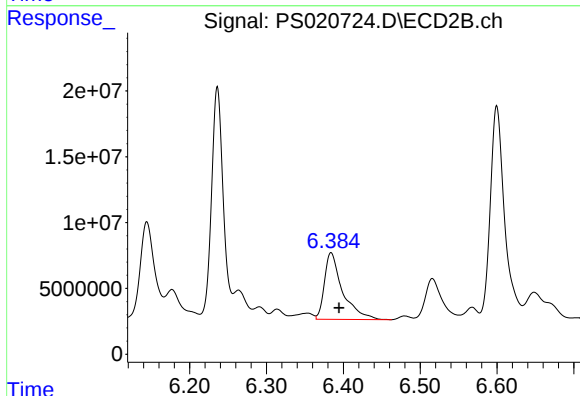
ClientSampleId :

TOPSOIL-STORMWATER-DENALIMSD

Manual Integrations

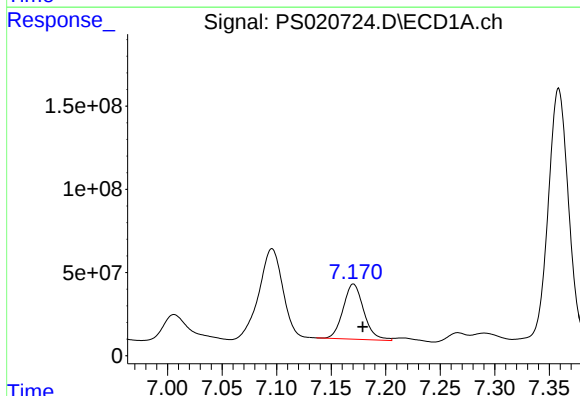
APPROVED

Reviewed By :Abdul Mirza 10/04/2022
Supervised By :Ankita Jodhani 10/04/2022



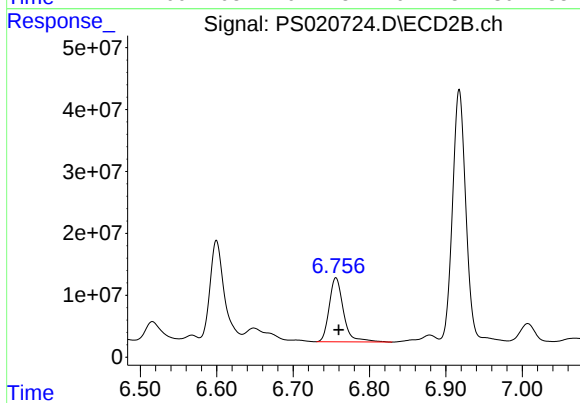
#3 4-Nitrophenol

R.T.: 6.384 min
Delta R.T.: -0.010 min
Response: 82602477
Conc: 175.30 ng/ml



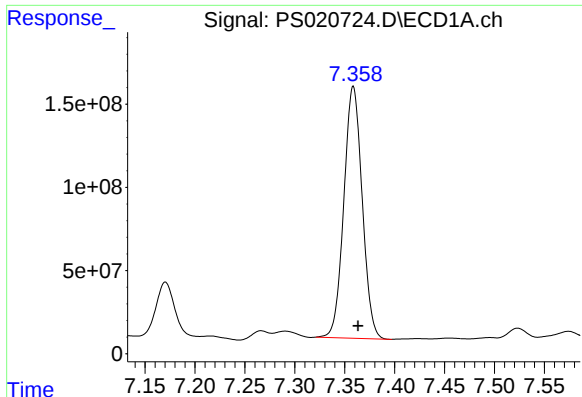
#4 2,4-DCAA

R.T.: 7.170 min
Delta R.T.: -0.008 min
Response: 436175287
Conc: 126.74 ng/ml



#4 2,4-DCAA

R.T.: 6.756 min
Delta R.T.: -0.004 min
Response: 133934618
Conc: 157.26 ng/ml



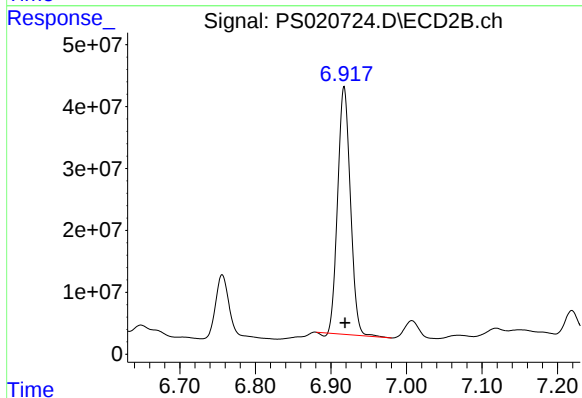
#5 DICAMBA

R.T.: 7.359 min
Delta R.T.: -0.005 min
Response: 1934389891
Conc: 141.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOIL-STORMWATER-DENALIMSD

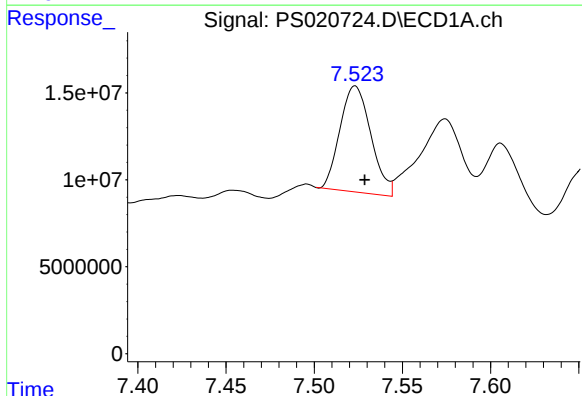
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/04/2022
Supervised By :Ankita Jodhani 10/04/2022



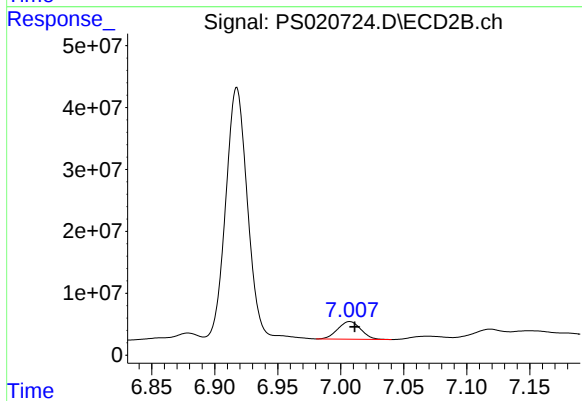
#5 DICAMBA

R.T.: 6.918 min
Delta R.T.: -0.001 min
Response: 465908624
Conc: 121.03 ng/ml



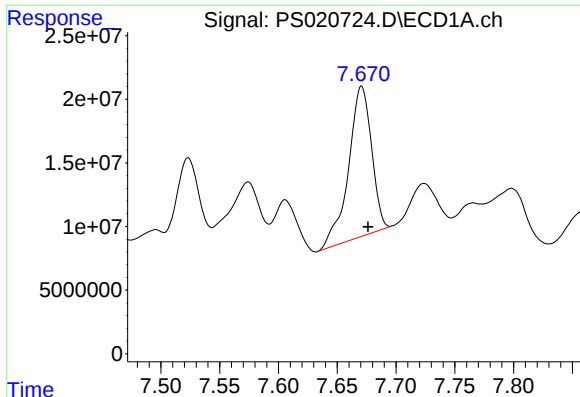
#6 MCP

R.T.: 7.523 min
Delta R.T.: -0.005 min
Response: 74443311
Conc: 7.15 ug/ml



#6 MCP

R.T.: 7.007 min
Delta R.T.: -0.004 min
Response: 36272181
Conc: 12.56 ug/ml



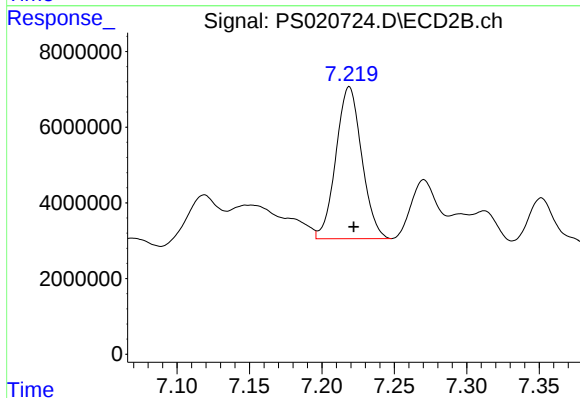
#7 MCPA

R.T.: 7.671 min
Delta R.T.: -0.006 min
Response: 160331375
Conc: 10.81 ug/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOIL-STORMWATER-DENALIMSD

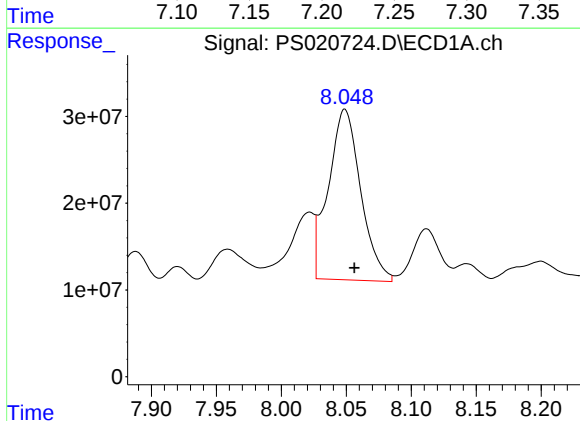
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/04/2022
Supervised By :Ankita Jodhani 10/04/2022



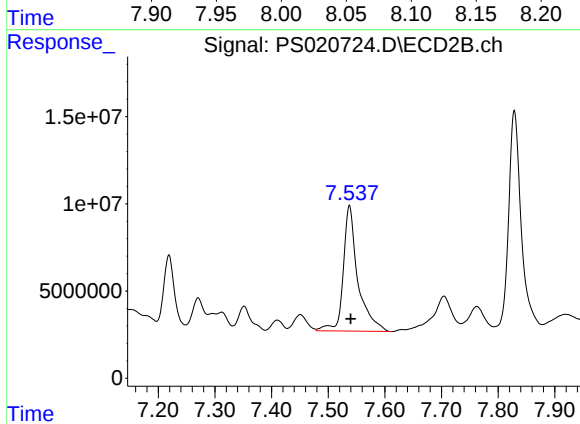
#7 MCPA

R.T.: 7.219 min
Delta R.T.: -0.003 min
Response: 49832055
Conc: 11.54 ug/ml



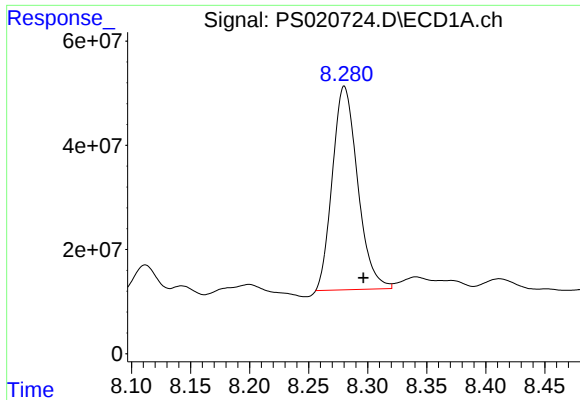
#8 DICHLORPROP

R.T.: 8.048 min
Delta R.T.: -0.008 min
Response: 339296430
Conc: 94.10 ng/ml m



#8 DICHLORPROP

R.T.: 7.538 min
Delta R.T.: -0.002 min
Response: 128755661
Conc: 127.61 ng/ml



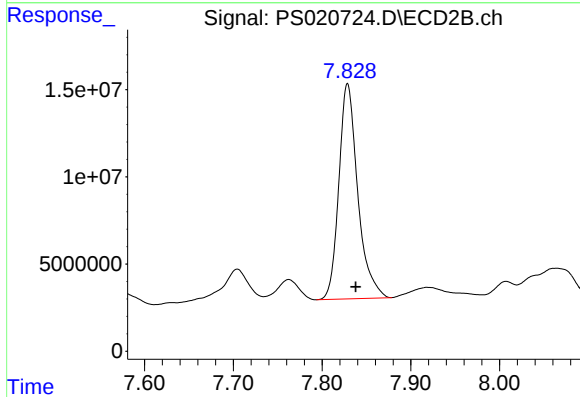
#9 2,4-D

R.T.: 8.280 min
Delta R.T.: -0.016 min
Response: 581286639
Conc: 125.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOIL-STORMWATER-DENALIMSD

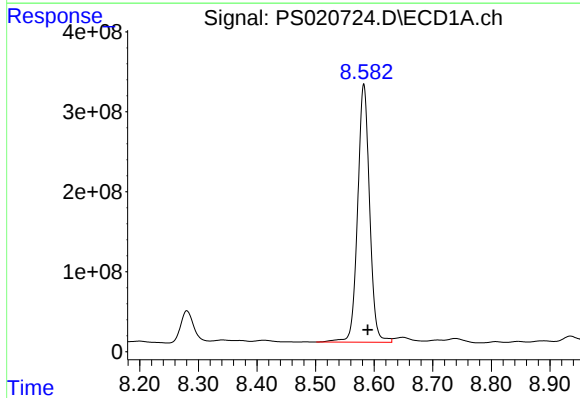
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/04/2022
Supervised By :Ankita Jodhani 10/04/2022



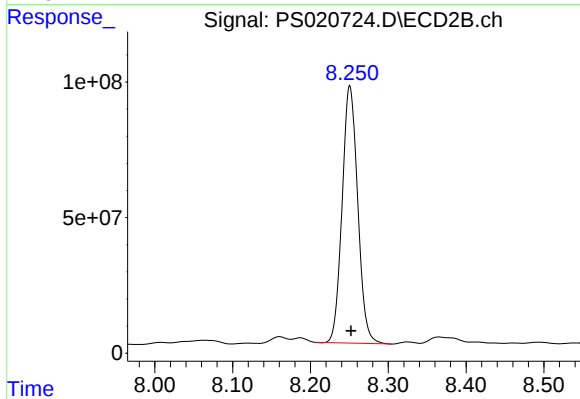
#9 2,4-D

R.T.: 7.829 min
Delta R.T.: -0.009 min
Response: 182593394
Conc: 143.77 ng/ml



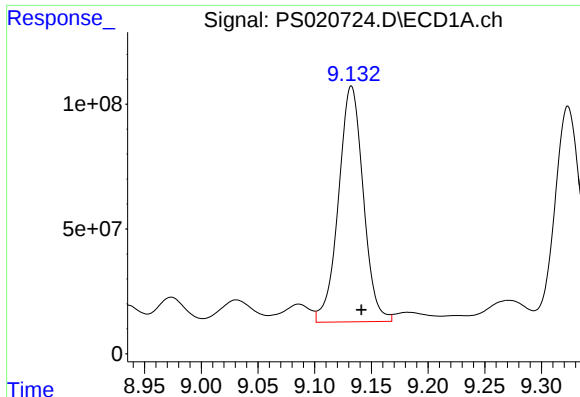
#10 Pentachlorophenol

R.T.: 8.582 min
Delta R.T.: -0.006 min
Response: 4577500651
Conc: 99.24 ng/ml



#10 Pentachlorophenol

R.T.: 8.251 min
Delta R.T.: -0.002 min
Response: 1323225515
Conc: 93.37 ng/ml



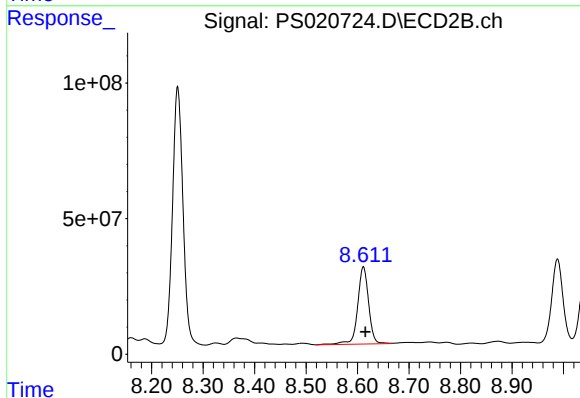
#11 2,4,5-TP (SILVEX)

R.T.: 9.132 min
Delta R.T.: -0.009 min
Response: 1435342673
Conc: 70.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOIL-STORMWATER-DENALIMSD

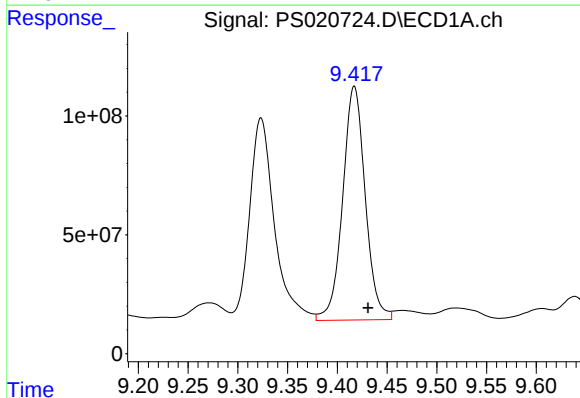
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/04/2022
Supervised By :Ankita Jodhani 10/04/2022



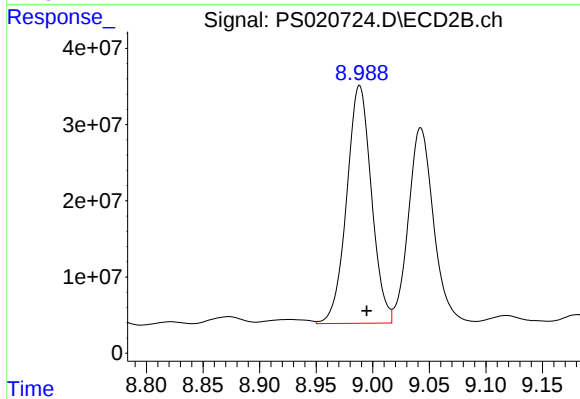
#11 2,4,5-TP (SILVEX)

R.T.: 8.611 min
Delta R.T.: -0.004 min
Response: 421793832
Conc: 71.26 ng/ml



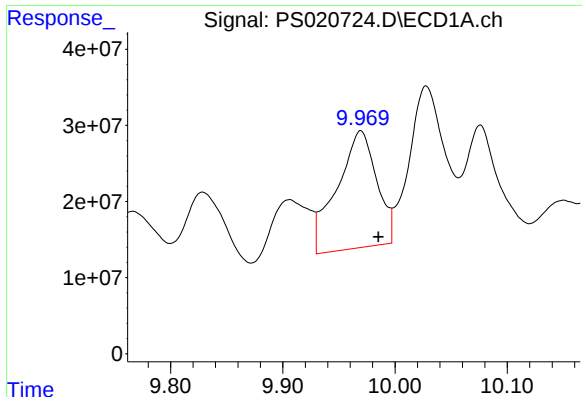
#12 2,4,5-T

R.T.: 9.417 min
Delta R.T.: -0.014 min
Response: 1555868908
Conc: 70.26 ng/ml



#12 2,4,5-T

R.T.: 8.988 min
Delta R.T.: -0.006 min
Response: 474898139
Conc: 87.15 ng/ml



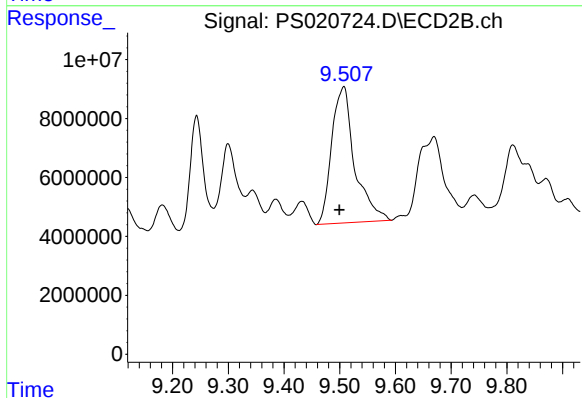
#13 2,4-DB

R.T.: 9.969 min
Delta R.T.: -0.016 min
Response: 377998102
Conc: 104.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOIL-STORMWATER-DENALIMSD

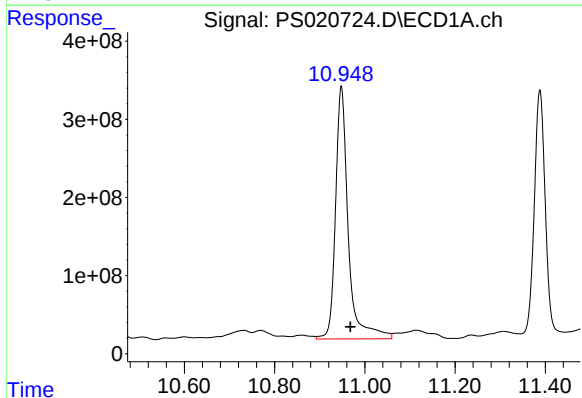
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/04/2022
Supervised By :Ankita Jodhani 10/04/2022



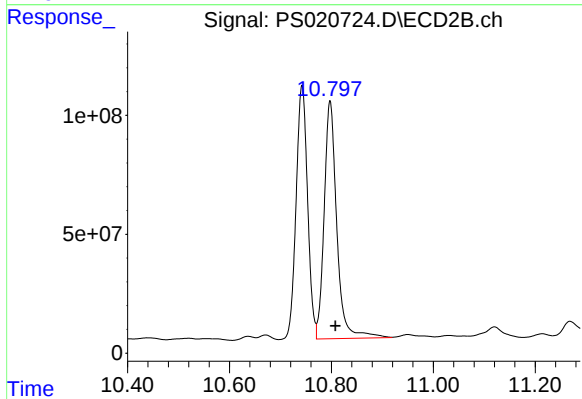
#13 2,4-DB

R.T.: 9.507 min
Delta R.T.: 0.007 min
Response: 132861601
Conc: 185.72 ng/ml



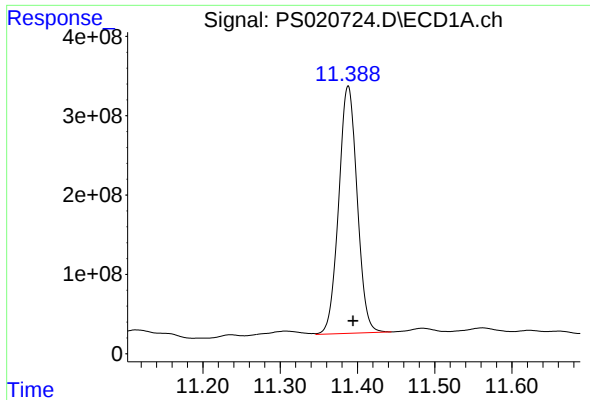
#15 Picloram

R.T.: 10.948 min
Delta R.T.: -0.020 min
Response: 6326821113
Conc: 210.24 ng/ml



#15 Picloram

R.T.: 10.797 min
Delta R.T.: -0.010 min
Response: 1723761020
Conc: 214.05 ng/ml



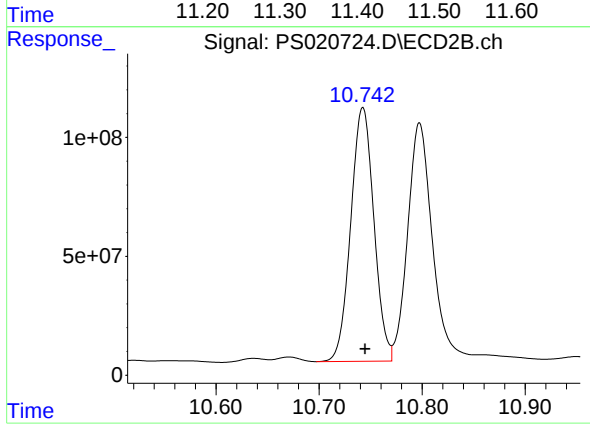
#16 DCPA

R.T.: 11.388 min
Delta R.T.: -0.006 min
Response: 5167766140
Conc: 201.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOIL-STORMWATER-DENALIMSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/04/2022
Supervised By :Ankita Jodhani 10/04/2022



#16 DCPA

R.T.: 10.742 min
Delta R.T.: -0.002 min
Response: 1663696871
Conc: 225.57 ng/ml