

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100322\
 Data File : PS020723.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2022 18:26
 Operator : AR\AJ
 Sample : N4892-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TOPSOIL-STORMWATER-DENALIMS

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 01:45:12 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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
4) S	2,4-DCAA	7.171	6.757	433.1E6	133.0E6	125.844	156.142
Target Compounds							
1) T	Dalapon	2.998	2.515	791.3E6	393.1E6	157.667	324.177m#
2) T	3,5-DICHL...	6.391	5.946	408.0E6	96897649	81.828m	71.007m
3) T	4-Nitroph...	7.008	6.385	233.1E6	80217794	248.302	170.236 #
5) T	DICAMBA	7.359	6.918	1901.0E6	455.7E6	139.020	118.363
6) T	MCP	7.524	7.008	79739618	33734312	7.658	11.681 #
7) T	MCPA	7.672	7.219	157.9E6	49289225	10.649	11.415
8) T	DICHLORPROP	8.049	7.538	375.5E6	124.7E6	104.149m	123.564
9) T	2,4-D	8.282	7.830	607.9E6	177.1E6	130.787	139.411
10) T	Pentachlo...	8.584	8.252	4689.7E6	1298.4E6	101.678	91.621
11) T	2,4,5-TP ...	9.134	8.612	1493.1E6	412.8E6	73.050	69.742
12) T	2,4,5-T	9.419	8.990	1706.7E6	464.1E6	77.069	85.170
13) T	2,4-DB	9.971	9.507	391.2E6	127.6E6	107.729	178.402 #
15) T	Picloram	10.949	10.798	6654.5E6	1675.2E6	221.131	208.024
16) T	DCPA	11.389	10.743	5419.5E6	1639.9E6	211.550	222.344

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

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Acq On : 03 Oct 2022 18:26
Operator : AR\AJ
Sample : N4892-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

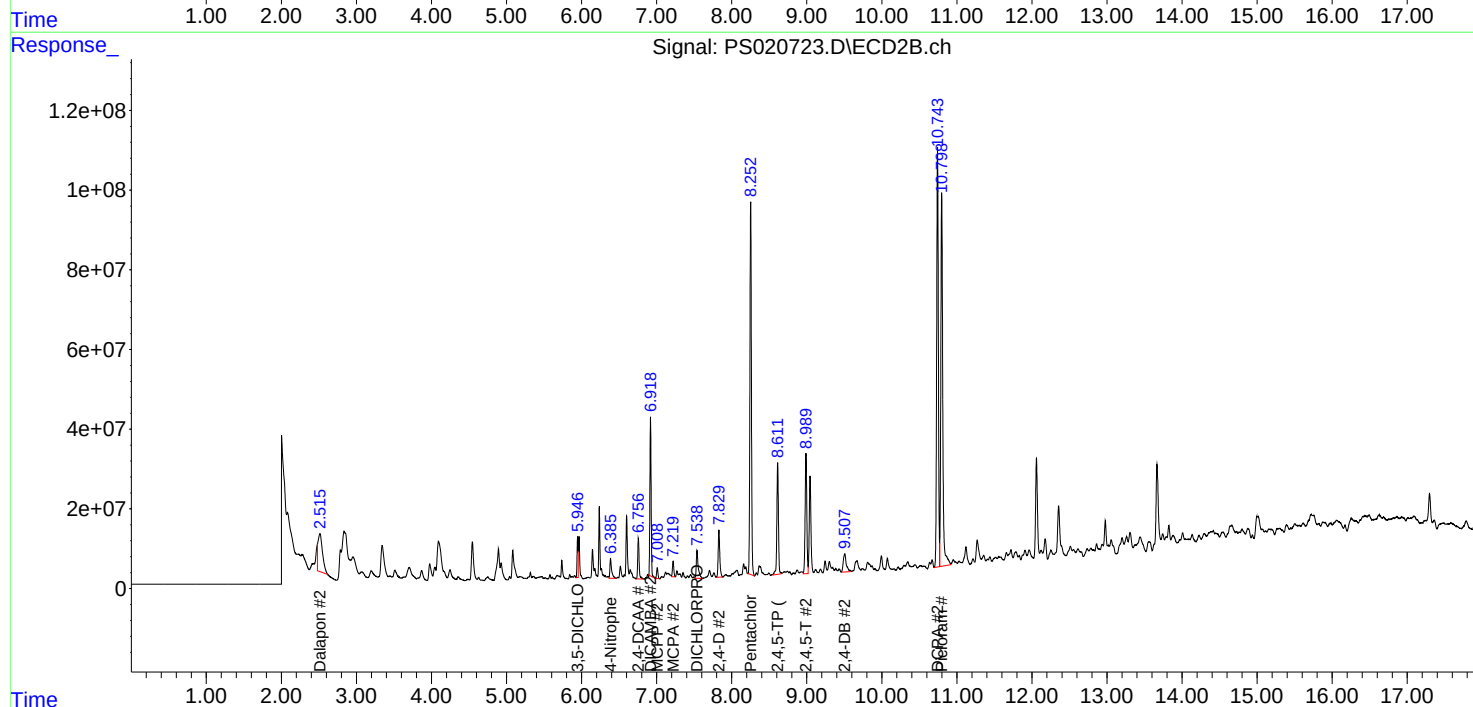
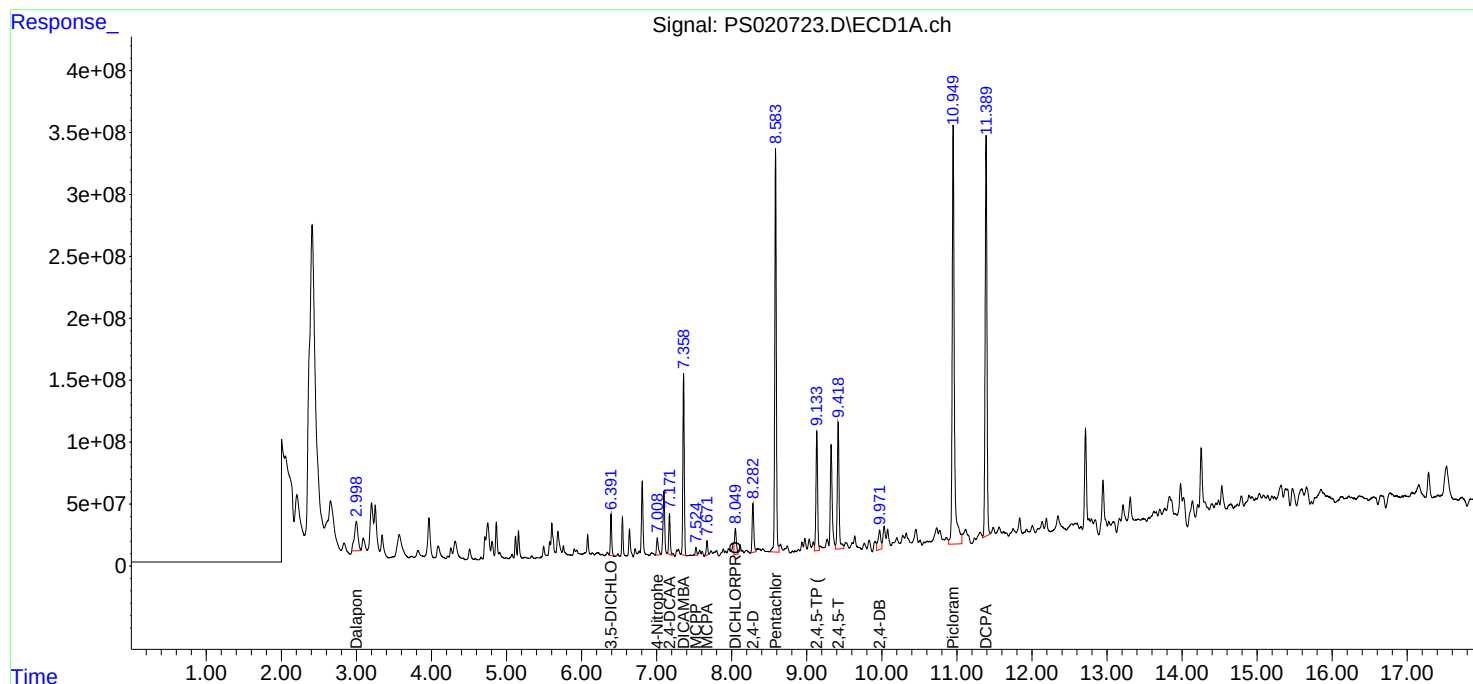
Instrument :
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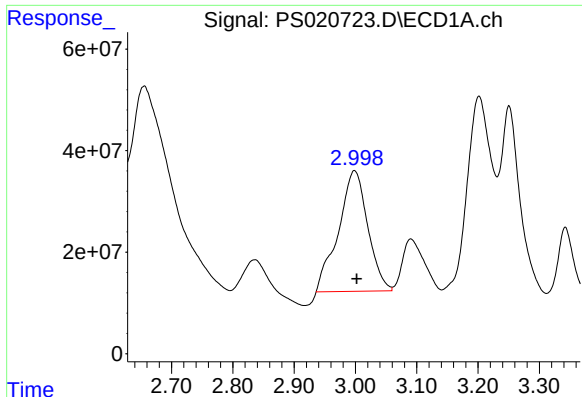
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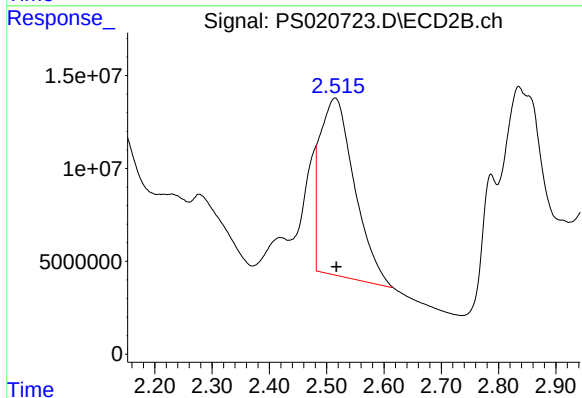
#1 Dalapon

R.T.: 2.998 min
Delta R.T.: -0.004 min
Response: 791338057
Conc: 157.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOIL-STORMWATER-DENALIMS

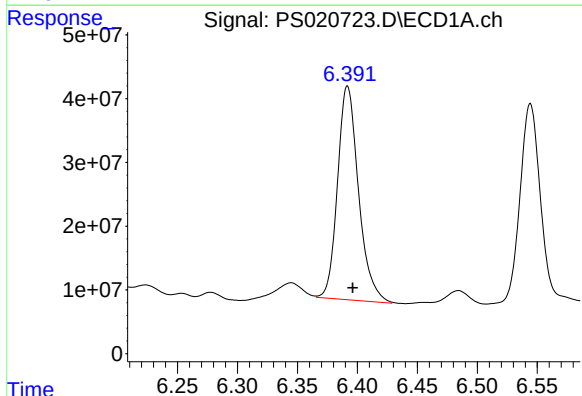
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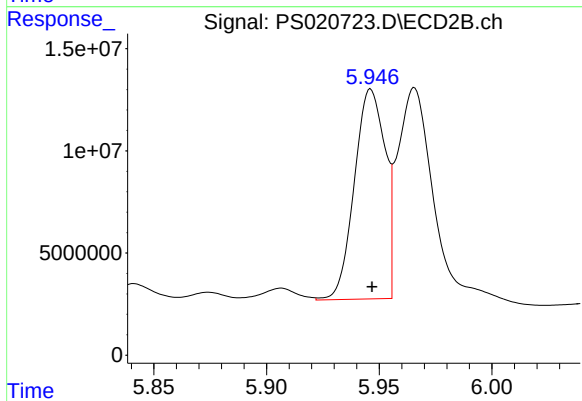
#1 Dalapon

R.T.: 2.515 min
Delta R.T.: -0.002 min
Response: 393071991
Conc: 324.18 ng/ml m



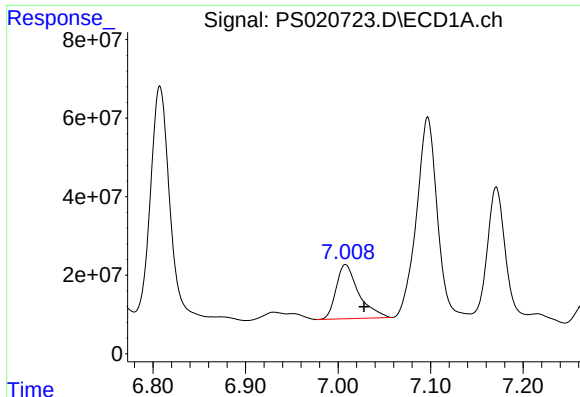
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.391 min
Delta R.T.: -0.005 min
Response: 408043752
Conc: 81.83 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.946 min
Delta R.T.: -0.001 min
Response: 96897649
Conc: 71.01 ng/ml m



#3 4-Nitrophenol

R.T.: 7.008 min
Delta R.T.: -0.020 min
Response: 233085365
Conc: 248.30 ng/ml

Instrument :

ECD_S

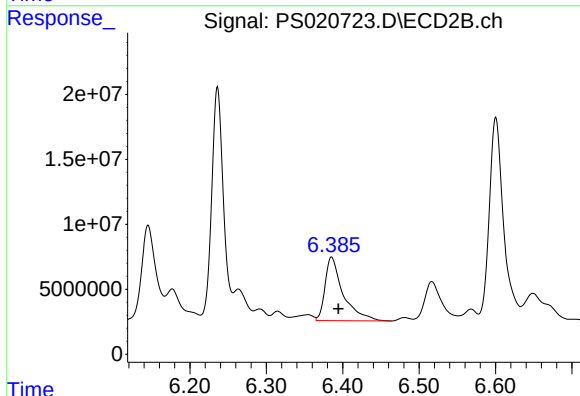
ClientSampleId :

TOPSOIL-STORMWATER-DENALIMS

Manual Integrations

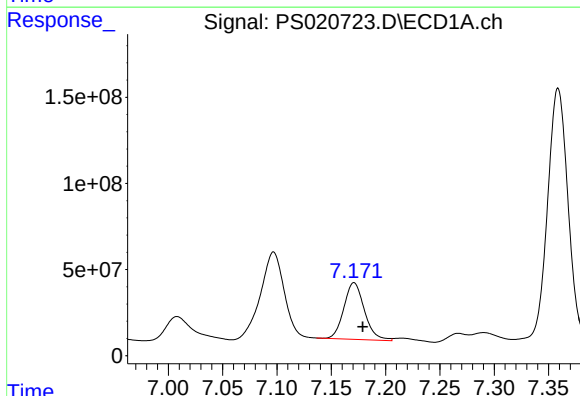
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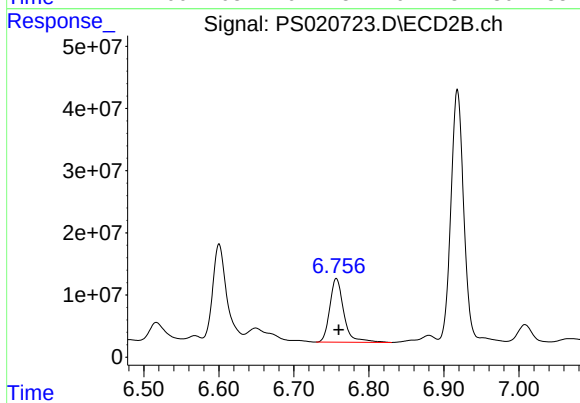
#3 4-Nitrophenol

R.T.: 6.385 min
Delta R.T.: -0.009 min
Response: 80217794
Conc: 170.24 ng/ml



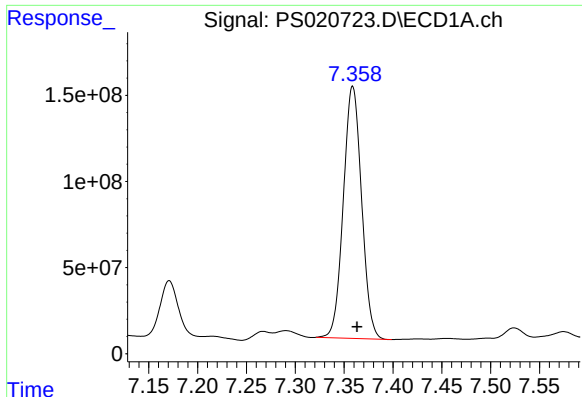
#4 2,4-DCAA

R.T.: 7.171 min
Delta R.T.: -0.008 min
Response: 433089986
Conc: 125.84 ng/ml



#4 2,4-DCAA

R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 132985240
Conc: 156.14 ng/ml



#5 DICAMBA

R.T.: 7.359 min
Delta R.T.: -0.005 min
Response: 1900973732
Conc: 139.02 ng/ml

Instrument :

ECD_S

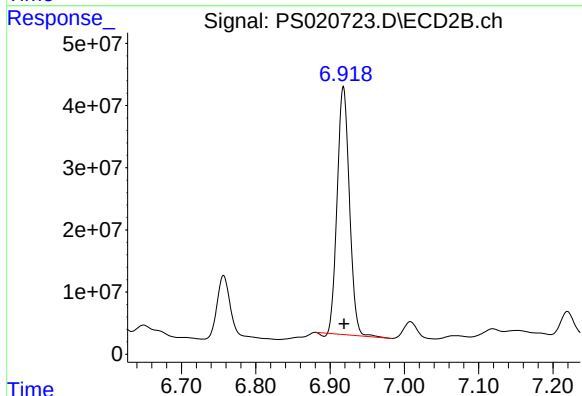
ClientSampleId :

TOPSOIL-STORMWATER-DENALIMS

Manual Integrations

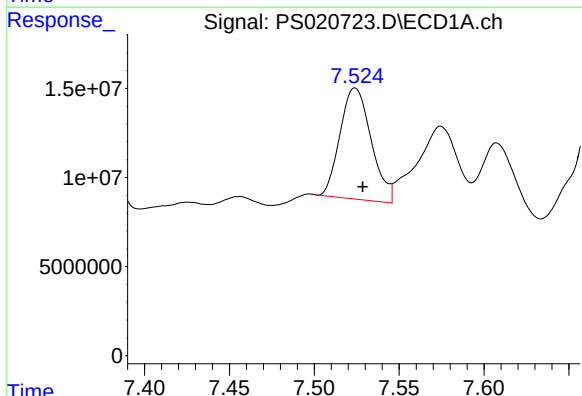
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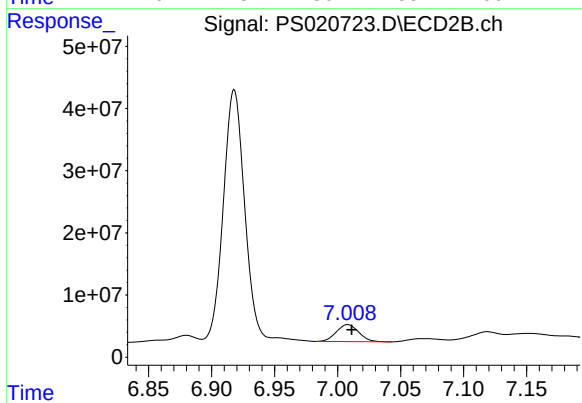
#5 DICAMBA

R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 455656194
Conc: 118.36 ng/ml



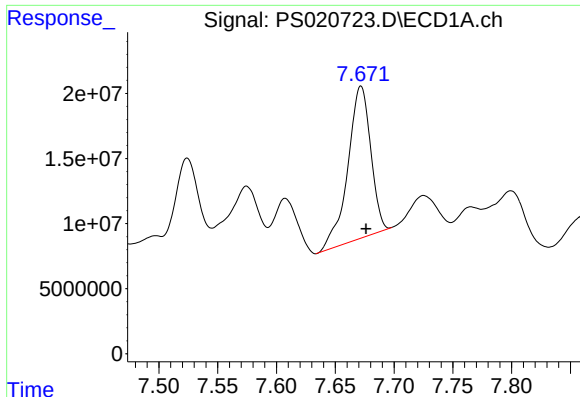
#6 MCP

R.T.: 7.524 min
Delta R.T.: -0.005 min
Response: 79739618
Conc: 7.66 ug/ml



#6 MCP

R.T.: 7.008 min
Delta R.T.: -0.003 min
Response: 33734312
Conc: 11.68 ug/ml



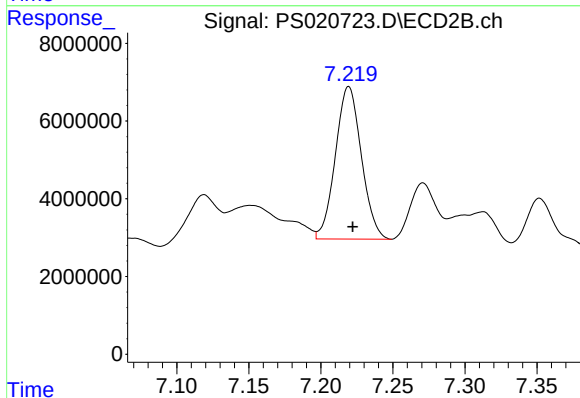
#7 MCPA

R.T.: 7.672 min
Delta R.T.: -0.005 min
Response: 157937836
Conc: 10.65 ug/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOIL-STORMWATER-DENALIMS

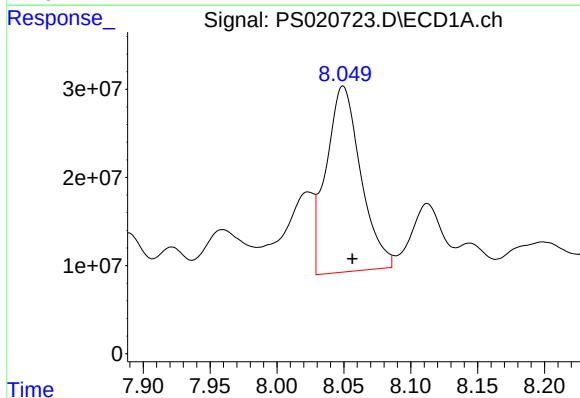
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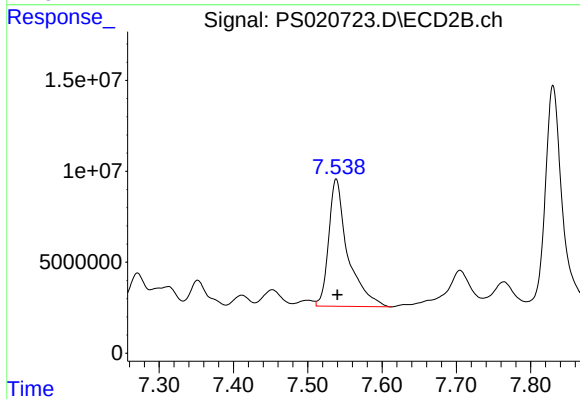
#7 MCPA

R.T.: 7.219 min
Delta R.T.: -0.003 min
Response: 49289225
Conc: 11.42 ug/ml



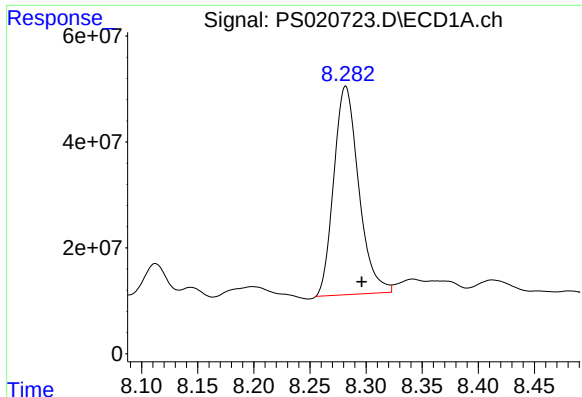
#8 DICHLORPROP

R.T.: 8.049 min
Delta R.T.: -0.007 min
Response: 375518489
Conc: 104.15 ng/ml m



#8 DICHLORPROP

R.T.: 7.538 min
Delta R.T.: -0.001 min
Response: 124671629
Conc: 123.56 ng/ml



#9 2,4-D

R.T.: 8.282 min
Delta R.T.: -0.014 min
Response: 607909220
Conc: 130.79 ng/ml

Instrument :

ECD_S

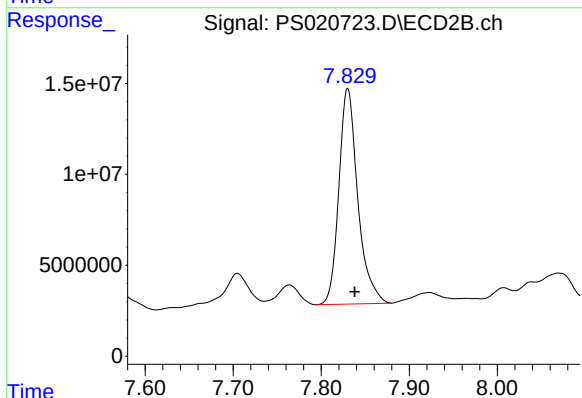
ClientSampleId :

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Manual Integrations

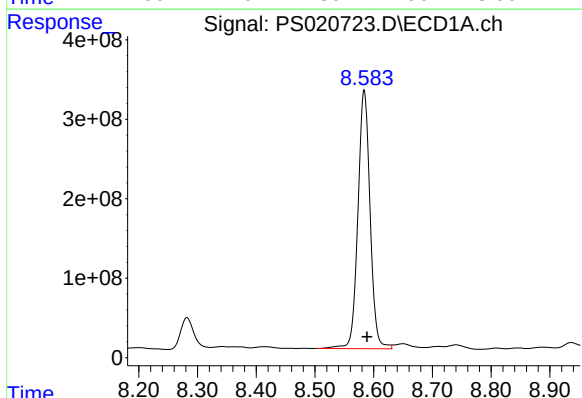
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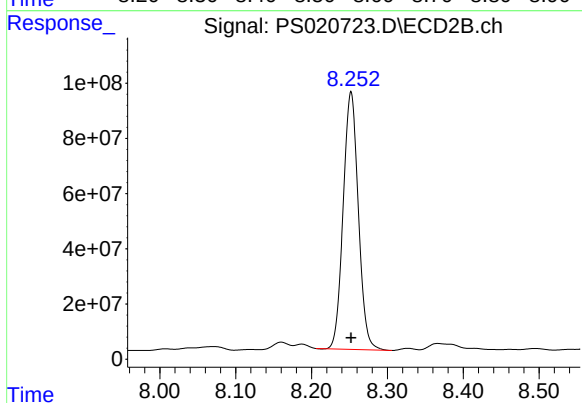
#9 2,4-D

R.T.: 7.830 min
Delta R.T.: -0.008 min
Response: 177057664
Conc: 139.41 ng/ml



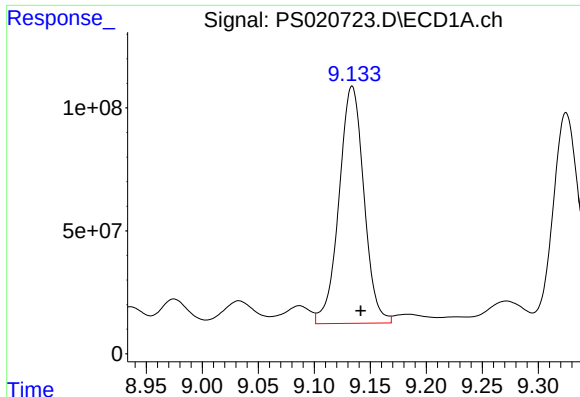
#10 Pentachlorophenol

R.T.: 8.584 min
Delta R.T.: -0.005 min
Response: 4689734697
Conc: 101.68 ng/ml



#10 Pentachlorophenol

R.T.: 8.252 min
Delta R.T.: 0.000 min
Response: 1298385845
Conc: 91.62 ng/ml



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

R.T.: 9.134 min
Delta R.T.: -0.008 min
Response: 1493140277
Conc: 73.05 ng/ml

Instrument :

ECD_S

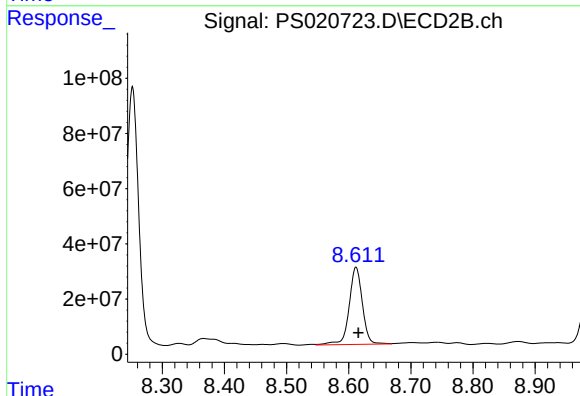
ClientSampleId :

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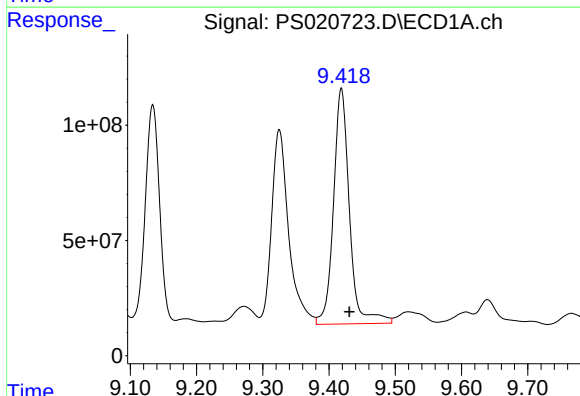
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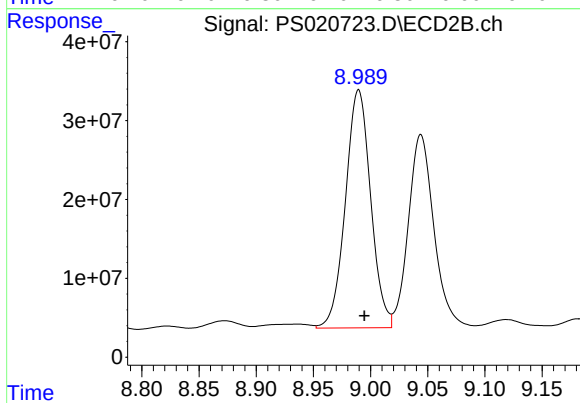
#11 2,4,5-TP (SILVEX)

R.T.: 8.612 min
Delta R.T.: -0.004 min
Response: 412795710
Conc: 69.74 ng/ml



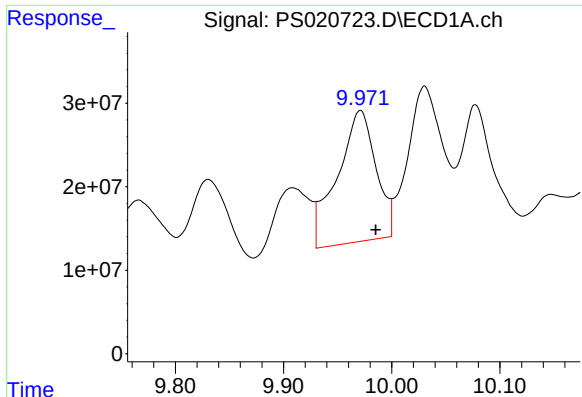
#12 2,4,5-T

R.T.: 9.419 min
Delta R.T.: -0.012 min
Response: 1706717679
Conc: 77.07 ng/ml



#12 2,4,5-T

R.T.: 8.990 min
Delta R.T.: -0.005 min
Response: 464129616
Conc: 85.17 ng/ml



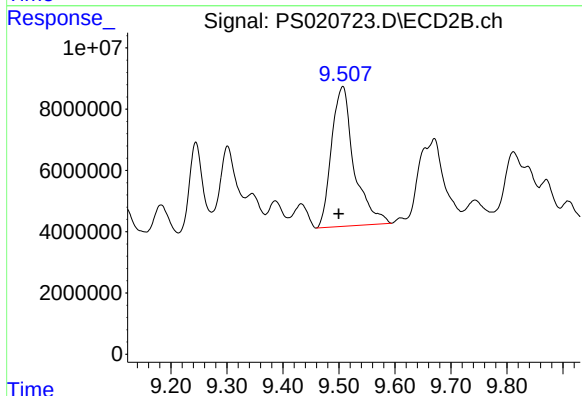
#13 2,4-DB

R.T.: 9.971 min
Delta R.T.: -0.014 min
Response: 391201214
Conc: 107.73 ng/ml

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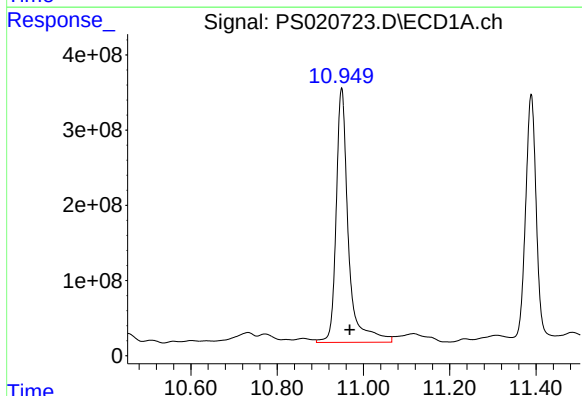
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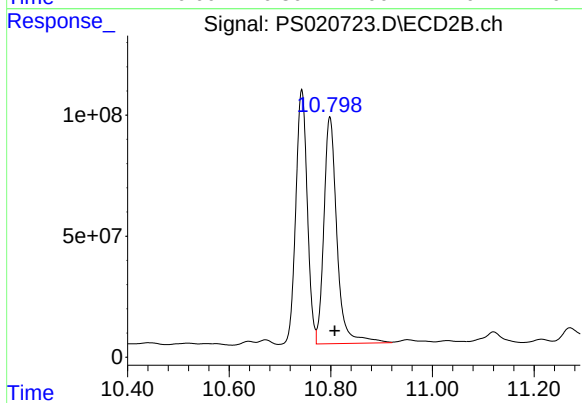
#13 2,4-DB

R.T.: 9.507 min
Delta R.T.: 0.008 min
Response: 127626445
Conc: 178.40 ng/ml



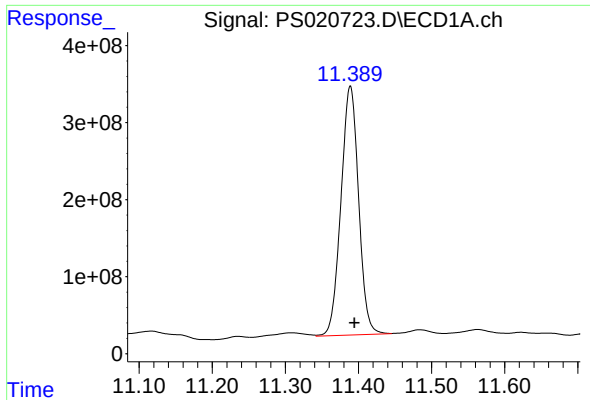
#15 Picloram

R.T.: 10.949 min
Delta R.T.: -0.019 min
Response: 6654534791
Conc: 221.13 ng/ml



#15 Picloram

R.T.: 10.798 min
Delta R.T.: -0.010 min
Response: 1675205749
Conc: 208.02 ng/ml



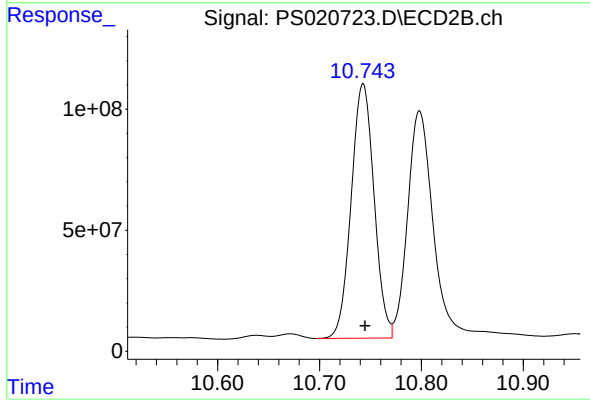
#16 DCPA

R.T.: 11.389 min
Delta R.T.: -0.006 min
Response: 5419521093
Conc: 211.55 ng/ml

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#16 DCPA

R.T.: 10.743 min
Delta R.T.: -0.002 min
Response: 1639912987
Conc: 222.34 ng/ml