

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101624\
 Data File : PS027963.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2024 14:31
 Operator : AR\AJ
 Sample : P4368-09
 Misc : LMDL 100PPB WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/17/2024
 Supervised By :Ankita Jodhani 10/18/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 06:28:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100724.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 07 13:46:03 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	7.095	7.619	1263.3E6	385.9E6	468.862	388.378
Target Compounds							
1) T	Dalapon	2.541	2.606	329.4E6	158.0E6	73.401	94.830 #
2) T	3,5-DICHL...	6.287	6.592	405.8E6	114.2E6	102.163	83.517
3) T	4-Nitroph...	6.892	7.158	190.2E6	61574457	104.167m	90.712
5) T	DICAMBA	7.274	7.812	929.1E6	226.7E6	85.167	65.204
6) T	MCPD	7.448	7.914	38243088	22499022	5.142	8.175 #
7) T	MCPA	7.592	8.153	84697602	85626257	7.997	17.117 #
8) T	DICHLORPROP	7.959	8.520	289.5E6	87203445	101.159	88.357
9) T	2,4-D	8.183	8.845	386.8E6	96973843	114.984	96.753
10) T	Pentachlo...	8.468	9.356	3900.8E6	931.1E6	100.396	67.381 #
11) T	2,4,5-TP ...	9.035	9.732	1579.6E6	329.9E6	100.194	66.586m#
12) T	2,4,5-T	9.320	10.147	1625.0E6	326.4E6	100.475	75.803
13) T	2,4-DB	9.883	10.710	241.6E6	40546608	93.166m	80.076
14) T	DINOSEB	11.057	11.083	1062.5E6	250.5E6	100.780	74.156 #
15) T	Picloram	10.875	12.156	1853.6E6	169.0E6	86.106	40.462m#
16) T	DCPA	11.354	12.114	1845.5E6	371.5E6	103.911	77.399m#

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

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ALS Vial : 5 Sample Multiplier: 1

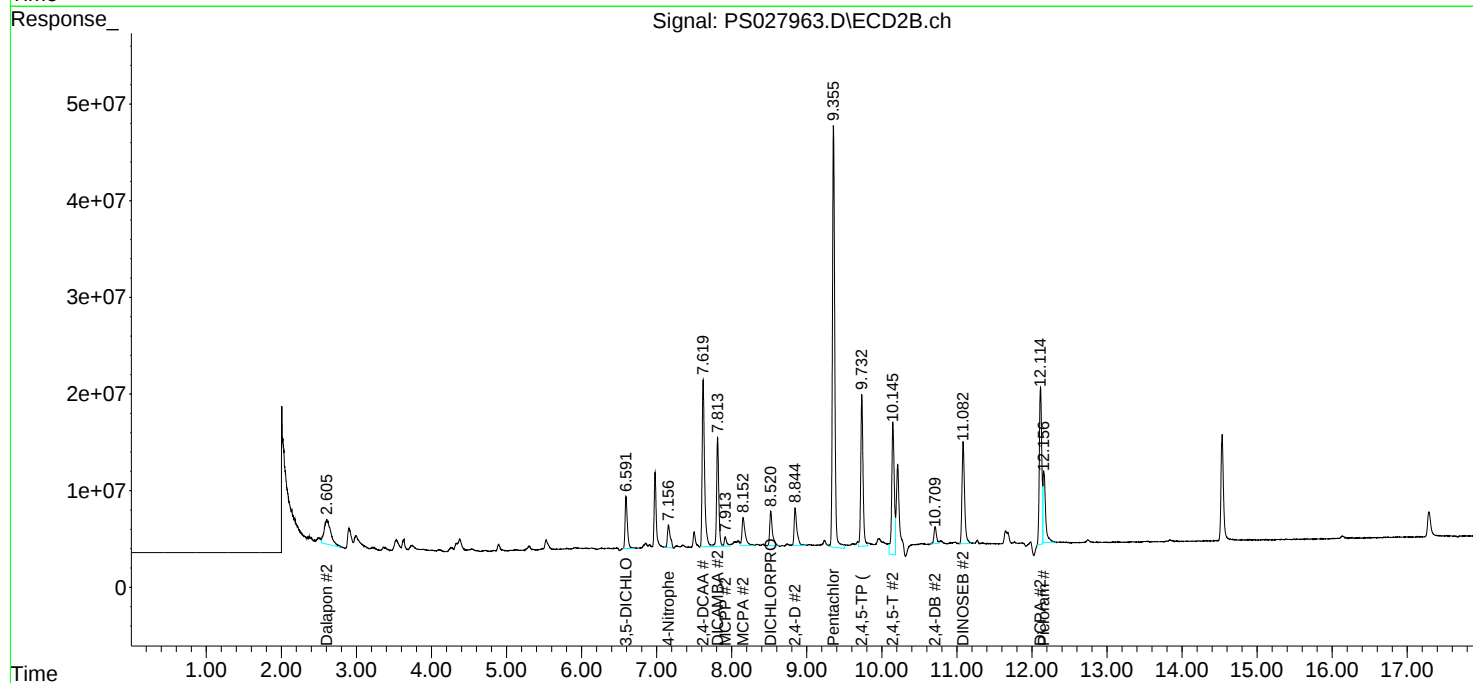
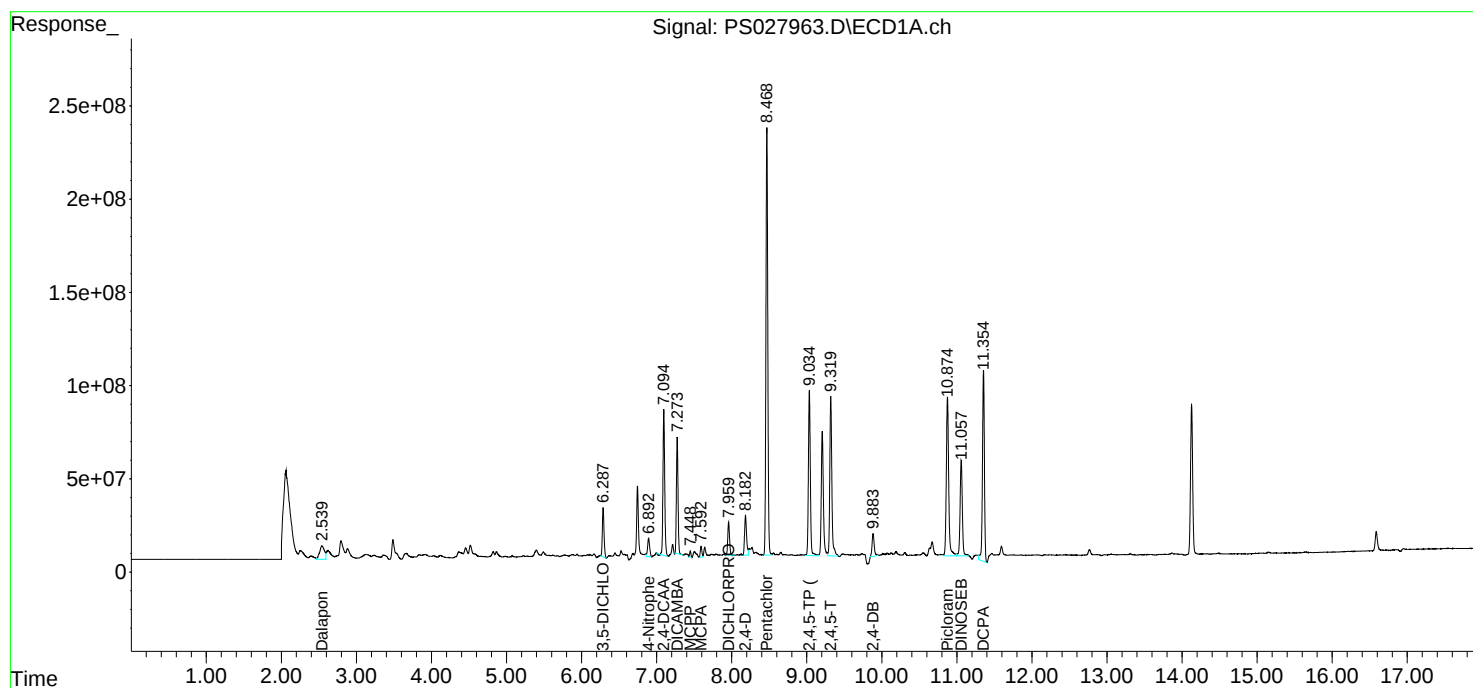
Instrument :
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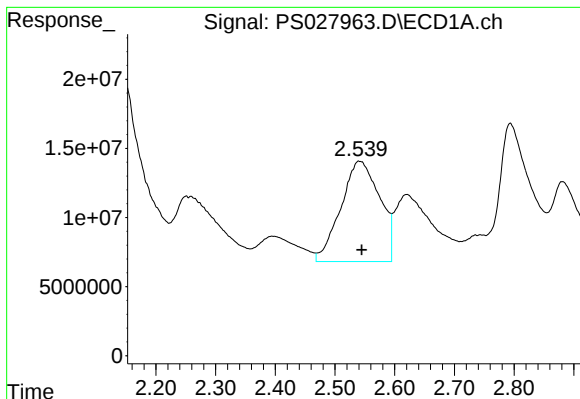
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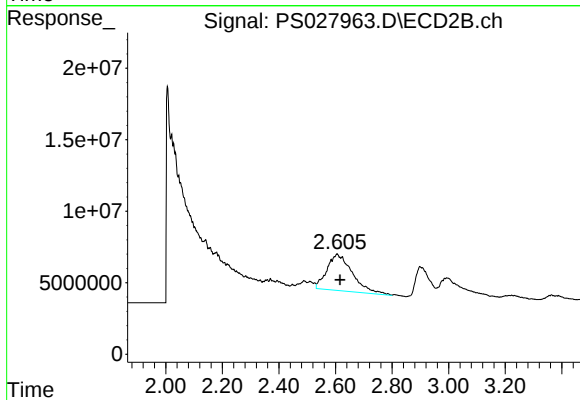
#1 Dalapon

R.T.: 2.541 min
Delta R.T.: -0.004 min
Response: 329418018
Conc: 73.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
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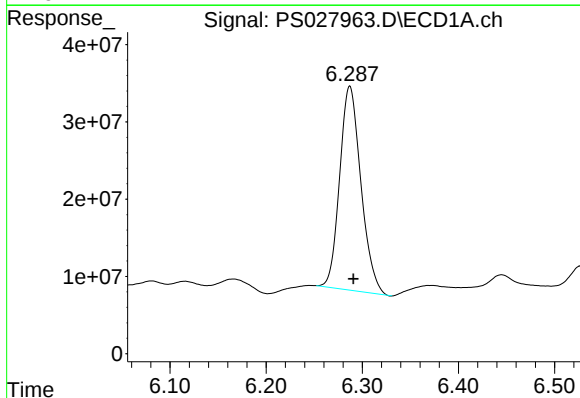
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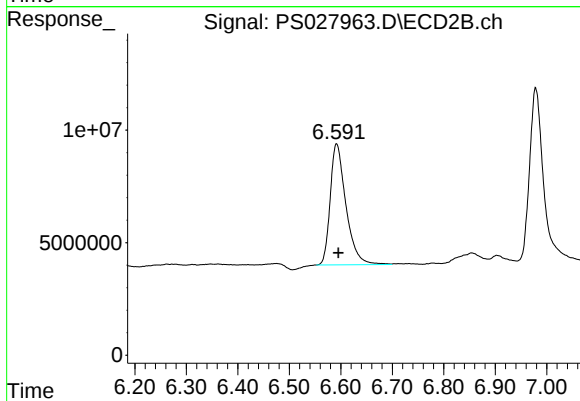
#1 Dalapon

R.T.: 2.606 min
Delta R.T.: -0.010 min
Response: 157955419
Conc: 94.83 ng/ml



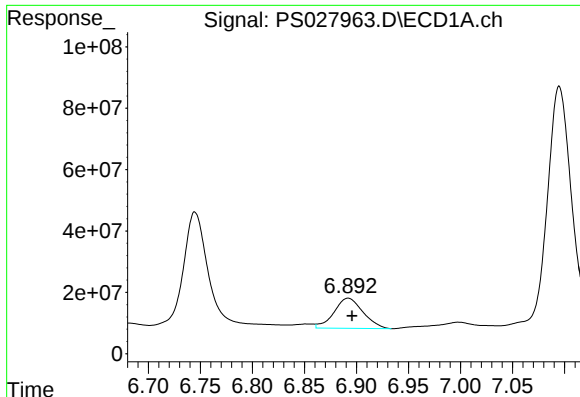
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.287 min
Delta R.T.: -0.004 min
Response: 405807957
Conc: 102.16 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.592 min
Delta R.T.: -0.004 min
Response: 114205088
Conc: 83.52 ng/ml



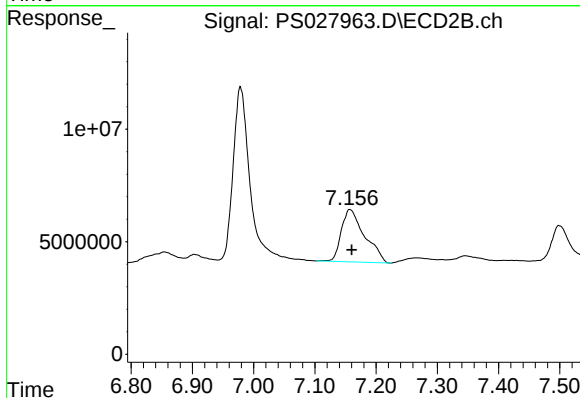
#3 4-Nitrophenol

R.T.: 6.892 min
Delta R.T.: -0.004 min
Response: 190196296
Conc: 104.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT4-2024

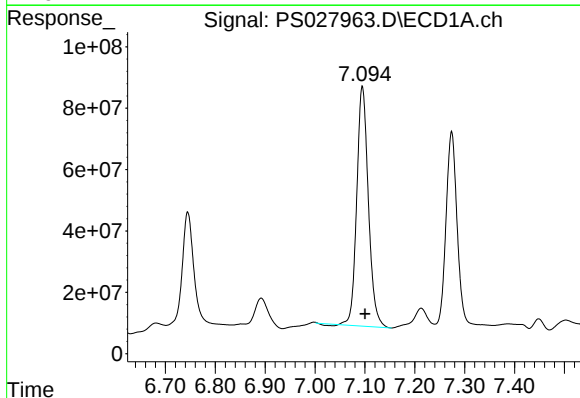
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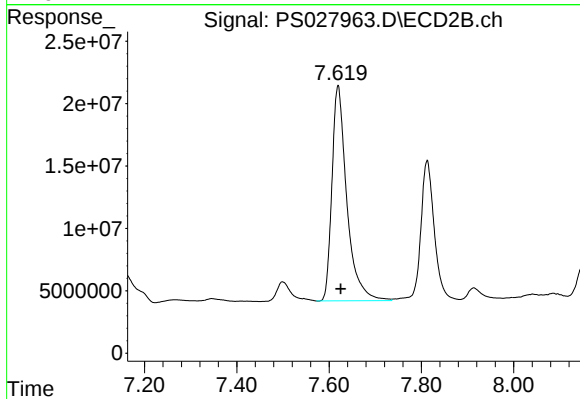
#3 4-Nitrophenol

R.T.: 7.158 min
Delta R.T.: -0.002 min
Response: 61574457
Conc: 90.71 ng/ml



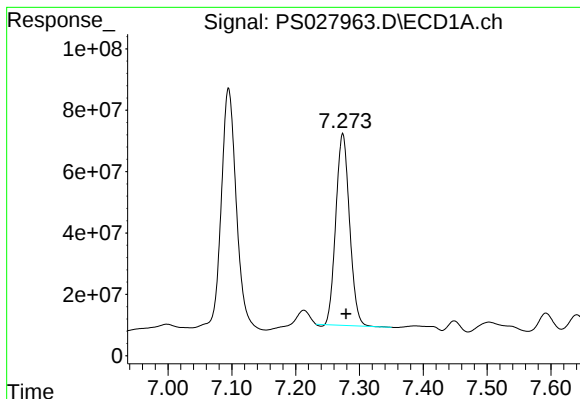
#4 2,4-DCAA

R.T.: 7.095 min
Delta R.T.: -0.005 min
Response: 1263251210
Conc: 468.86 ng/ml



#4 2,4-DCAA

R.T.: 7.619 min
Delta R.T.: -0.005 min
Response: 385925398
Conc: 388.38 ng/ml



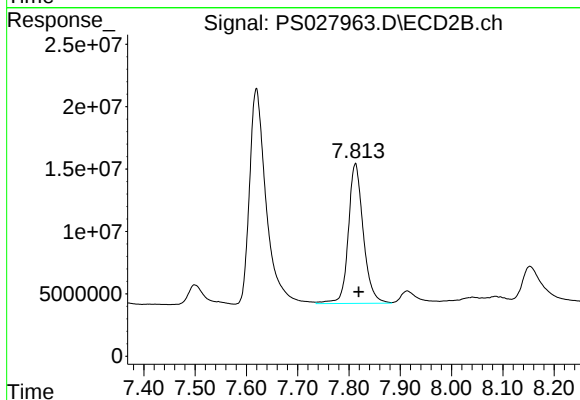
#5 DICAMBA

R.T.: 7.274 min
Delta R.T.: -0.005 min
Response: 929094346
Conc: 85.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT4-2024

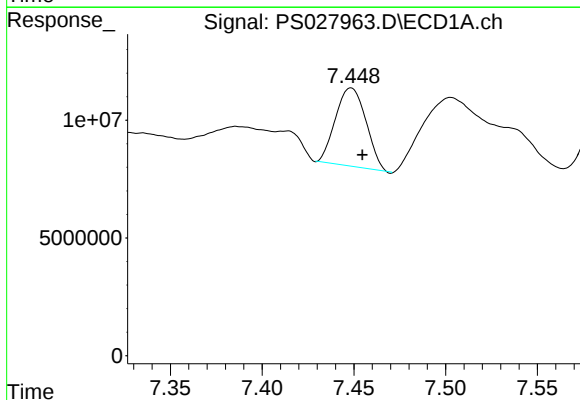
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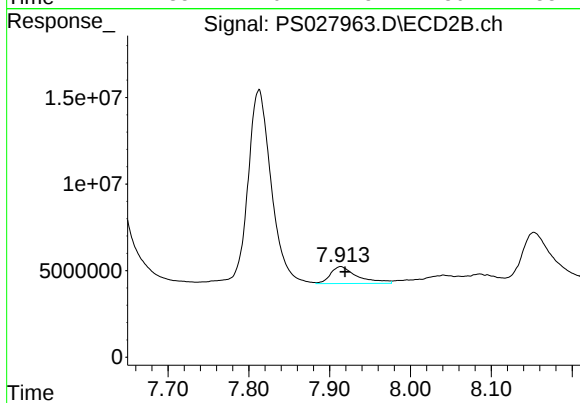
#5 DICAMBA

R.T.: 7.812 min
Delta R.T.: -0.006 min
Response: 226726453
Conc: 65.20 ng/ml



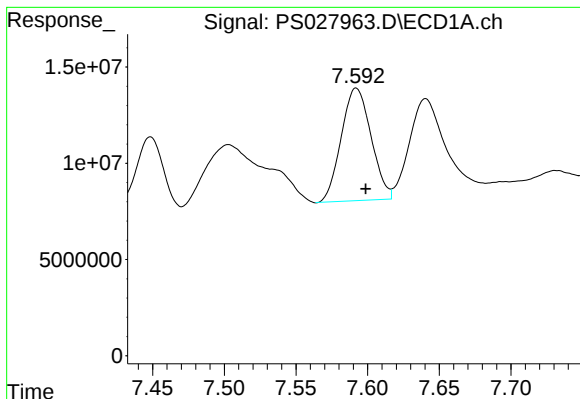
#6 MCPP

R.T.: 7.448 min
Delta R.T.: -0.006 min
Response: 38243088
Conc: 5.14 ug/ml



#6 MCPP

R.T.: 7.914 min
Delta R.T.: -0.006 min
Response: 22499022
Conc: 8.17 ug/ml



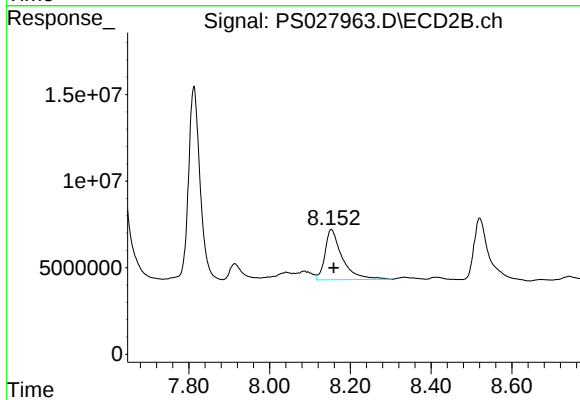
#7 MCPA

R.T.: 7.592 min
Delta R.T.: -0.007 min
Response: 84697602
Conc: 8.00 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT4-2024

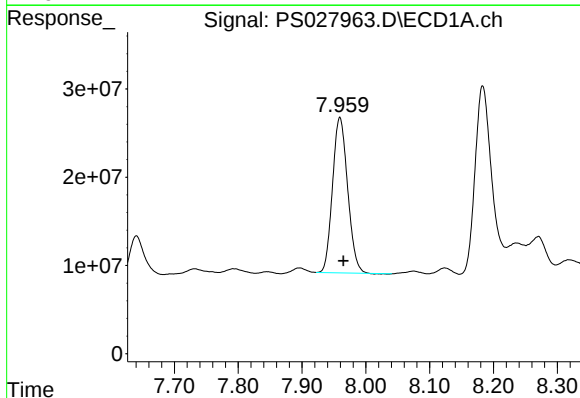
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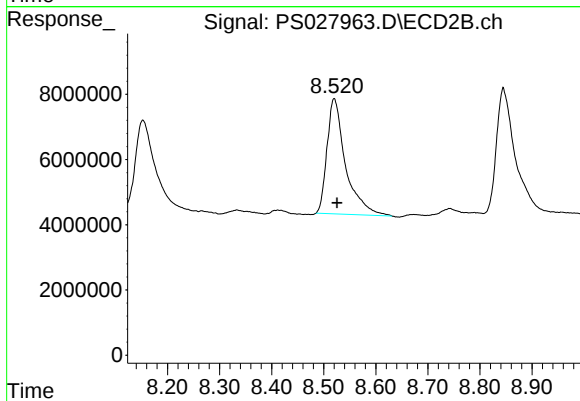
#7 MCPA

R.T.: 8.153 min
Delta R.T.: -0.007 min
Response: 85626257
Conc: 17.12 ug/ml



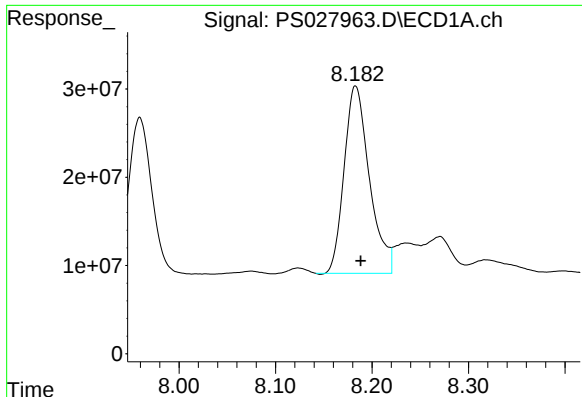
#8 DICHLORPROP

R.T.: 7.959 min
Delta R.T.: -0.006 min
Response: 289492142
Conc: 101.16 ng/ml



#8 DICHLORPROP

R.T.: 8.520 min
Delta R.T.: -0.006 min
Response: 87203445
Conc: 88.36 ng/ml



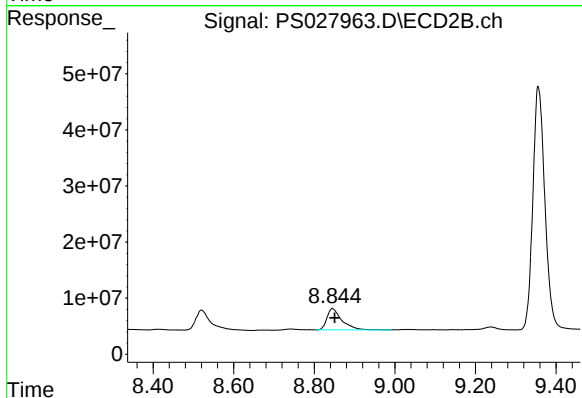
#9 2,4-D

R.T.: 8.183 min
Delta R.T.: -0.005 min
Response: 386809317
Conc: 114.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT4-2024

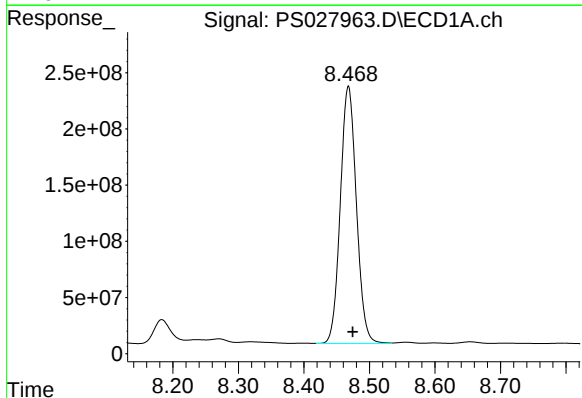
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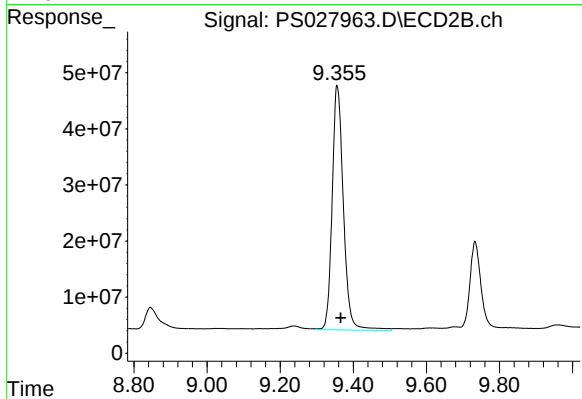
#9 2,4-D

R.T.: 8.845 min
Delta R.T.: -0.006 min
Response: 96973843
Conc: 96.75 ng/ml



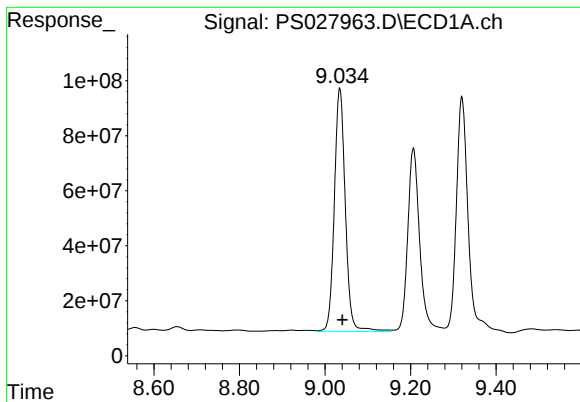
#10 Pentachlorophenol

R.T.: 8.468 min
Delta R.T.: -0.006 min
Response: 3900771637
Conc: 100.40 ng/ml



#10 Pentachlorophenol

R.T.: 9.356 min
Delta R.T.: -0.009 min
Response: 931140541
Conc: 67.38 ng/ml



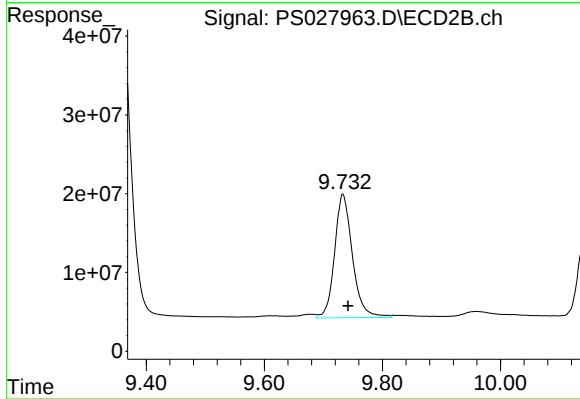
#11 2,4,5-TP (SILVEX)

R.T.: 9.035 min
Delta R.T.: -0.006 min
Response: 1579641219
Conc: 100.19 ng/ml

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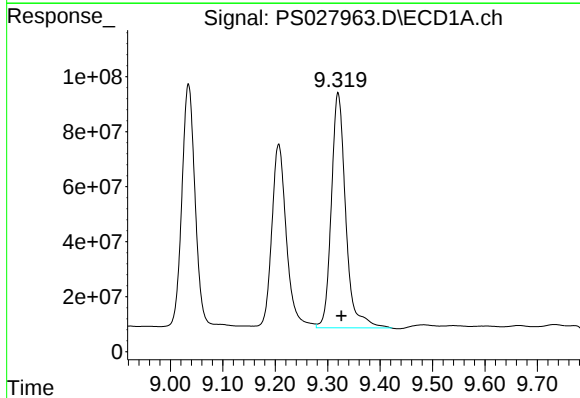
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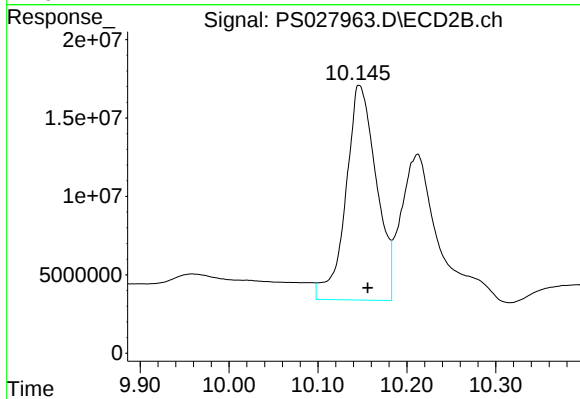
#11 2,4,5-TP (SILVEX)

R.T.: 9.732 min
Delta R.T.: -0.010 min
Response: 329882270
Conc: 66.59 ng/ml m



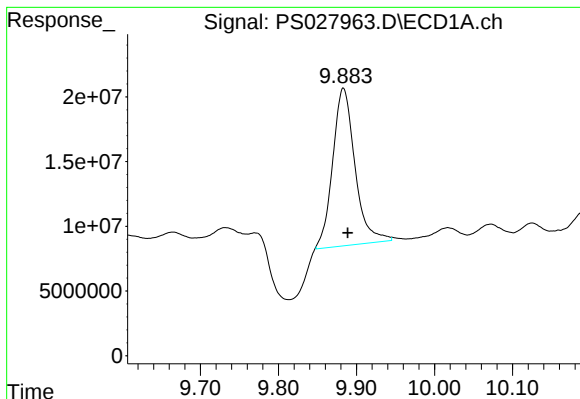
#12 2,4,5-T

R.T.: 9.320 min
Delta R.T.: -0.006 min
Response: 1624951545
Conc: 100.48 ng/ml



#12 2,4,5-T

R.T.: 10.147 min
Delta R.T.: -0.009 min
Response: 326350785
Conc: 75.80 ng/ml



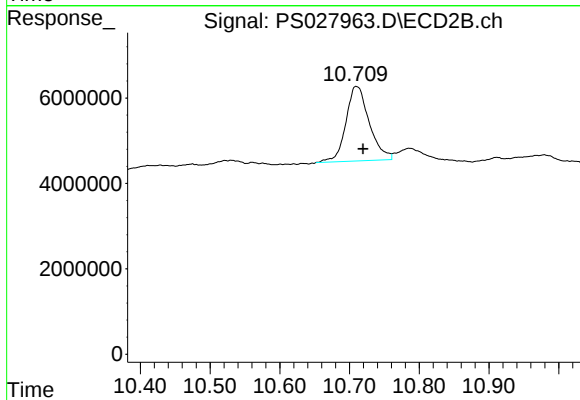
#13 2,4-DB

R.T.: 9.883 min
Delta R.T.: -0.006 min
Response: 241642297
Conc: 93.17 ng/ml

Instrument :
ECD_S
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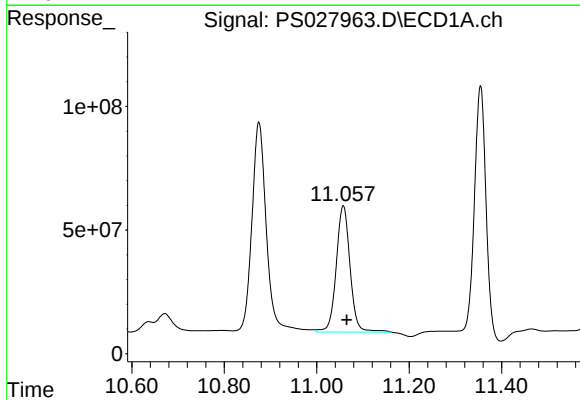
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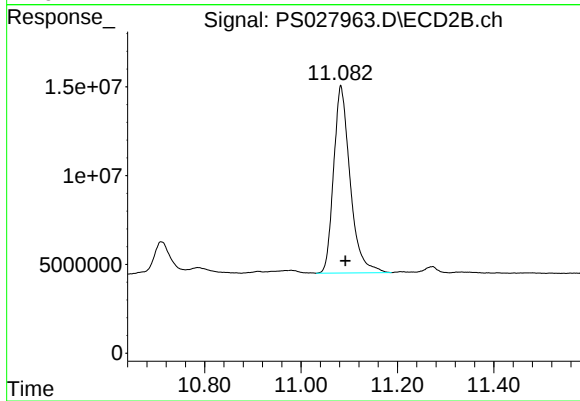
#13 2,4-DB

R.T.: 10.710 min
Delta R.T.: -0.009 min
Response: 40546608
Conc: 80.08 ng/ml



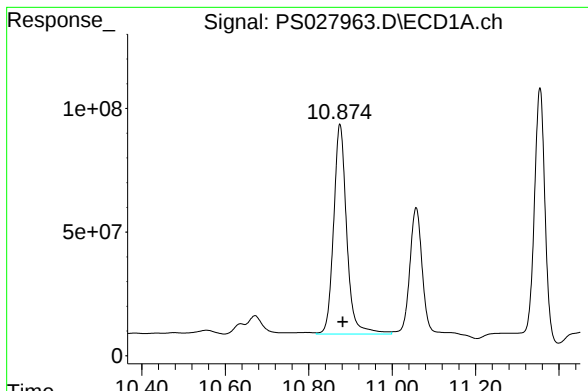
#14 DINOSEB

R.T.: 11.057 min
Delta R.T.: -0.008 min
Response: 1062519659
Conc: 100.78 ng/ml



#14 DINOSEB

R.T.: 11.083 min
Delta R.T.: -0.009 min
Response: 250501862
Conc: 74.16 ng/ml



#15 Picloram

R.T.: 10.875 min
Delta R.T.: -0.007 min
Response: 1853639799
Conc: 86.11 ng/ml

Instrument :

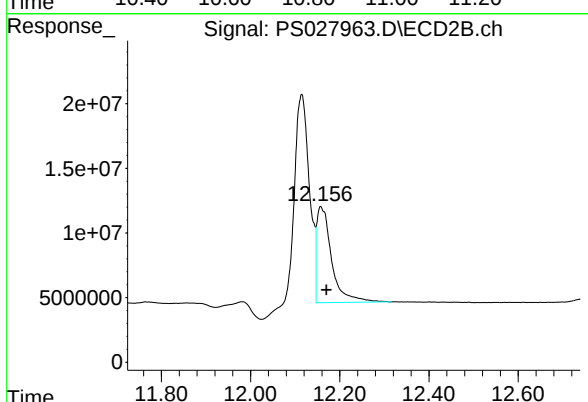
ECD_S

ClientSampleId :

MDL-WATER-03-QT4-2024

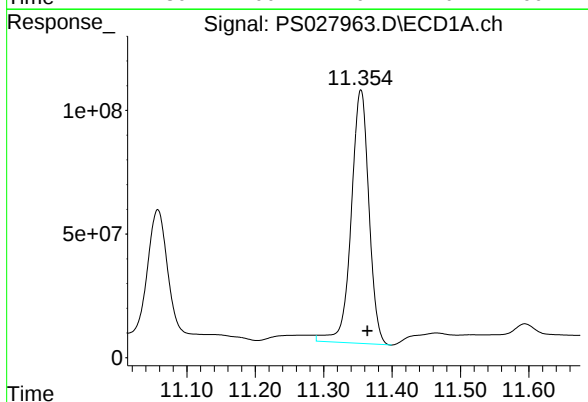
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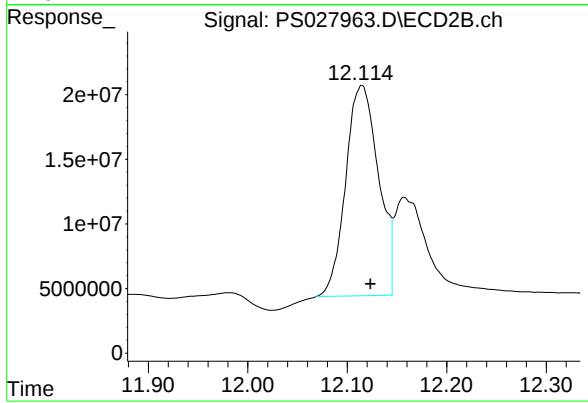
#15 Picloram

R.T.: 12.156 min
Delta R.T.: -0.014 min
Response: 169025259
Conc: 40.46 ng/ml m



#16 DCPA

R.T.: 11.354 min
Delta R.T.: -0.010 min
Response: 1845545361
Conc: 103.91 ng/ml



#16 DCPA

R.T.: 12.114 min
Delta R.T.: -0.010 min
Response: 371539380
Conc: 77.40 ng/ml m