

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041323\
 Data File : PS022704.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2023 12:34
 Operator : AR\AJ
 Sample : 02213-09
 Misc : MDL WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-WATER-03-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/14/2023
 Supervised By :Ankita Jodhani 04/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 13 22:39:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS041223.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 12 14:05:56 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 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	6.484	6.869	1262.7E6	514.9E6	507.177	505.355
Target Compounds							
1) T	Dalapon	2.539	2.571	289.9E6	218.1E6	98.166	137.770m#
2) T	3,5-DICHL...	5.836	6.031	383.9E6	145.1E6	113.602	93.081
3) T	4-Nitroph...	6.316	6.472	202.1E6	54905084	108.914	86.368
5) T	DICAMBA	6.633	7.037	1080.8E6	396.5E6	98.417m	86.115
6) T	MCP	6.789	7.129	65666214	31359022	7.804m	9.005
7) T	MCPA	6.917	7.339	104.6E6	60404815	8.814	12.493 #
8) T	DICHLORPROP	7.244	7.660	335.9E6	118.2E6	110.434	106.118
9) T	2,4-D	7.446	7.949	417.1E6	147.8E6	112.640	115.379
10) T	Pentachlo...	7.681	8.381	4962.7E6	1643.1E6	124.075	102.432
11) T	2,4,5-TP ...	8.217	8.743	2212.2E6	635.9E6	120.694	101.984
12) T	2,4,5-T	8.477	9.118	2157.1E6	597.0E6	115.344	100.909
13) T	2,4-DB	8.994	9.627	421.4E6	80241951	98.606	107.096
14) T	DINOSEB	10.066	9.957	1460.4E6	428.6E6	103.024	97.060
15) T	Picloram	9.886	10.927	2805.9E6	664.3E6	94.201	81.676
16) T	DCPA	10.334	10.888	2714.1E6	734.1E6	121.408	105.719

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

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Sample : 02213-09
Misc : MDL WATER
ALS Vial : 8 Sample Multiplier: 1

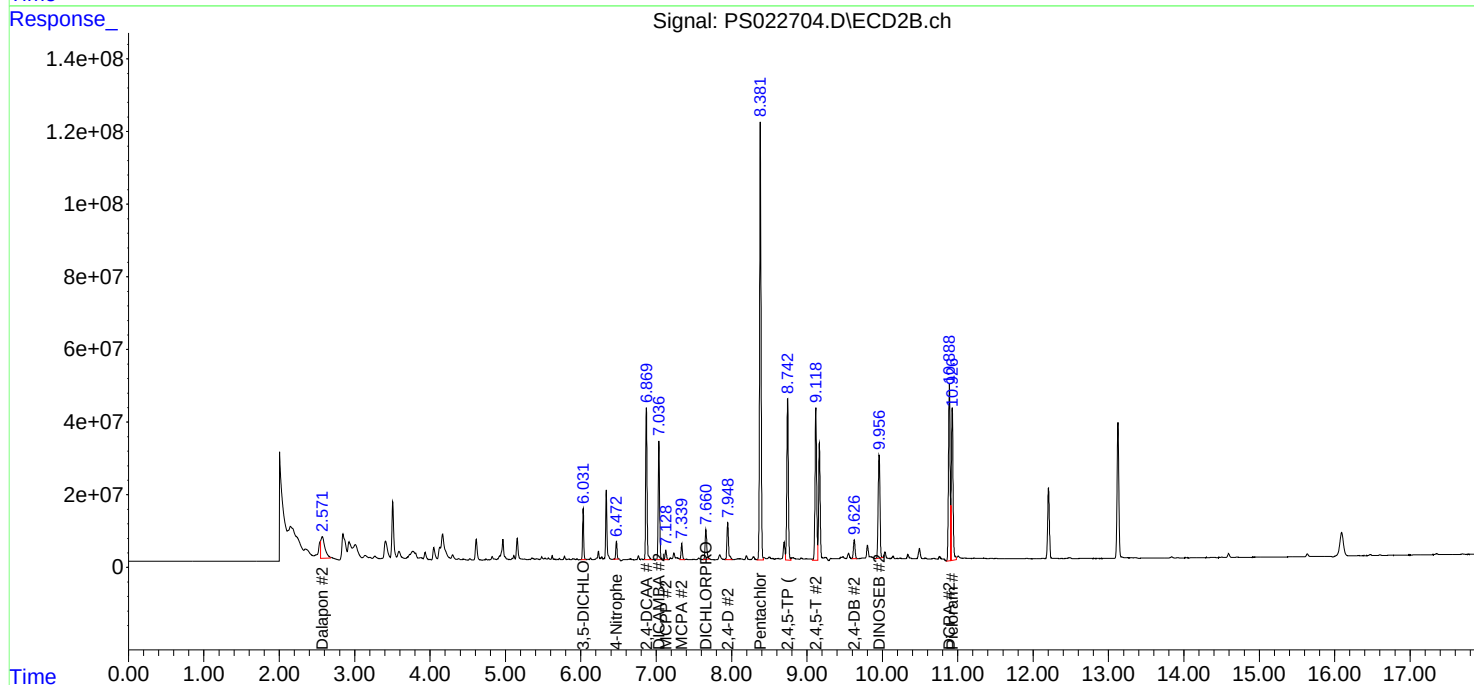
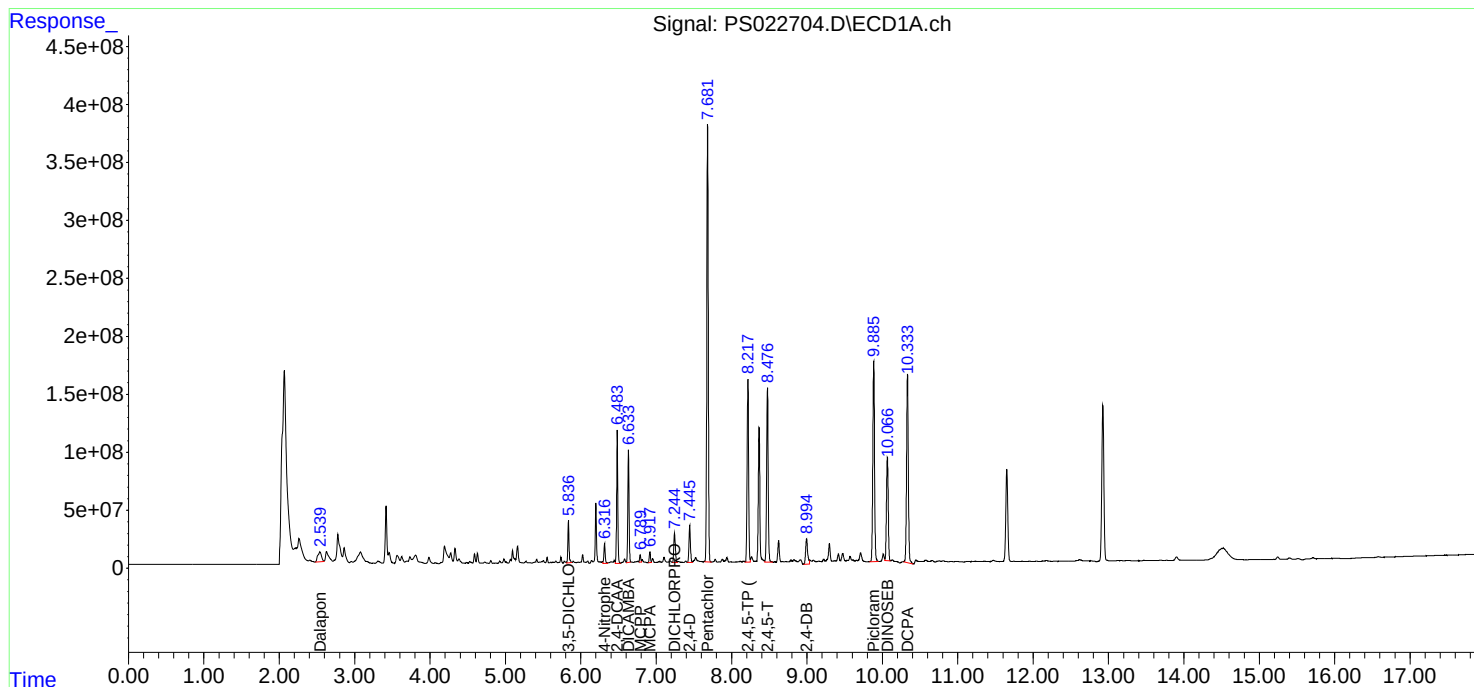
Instrument :
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ClientSampleId :
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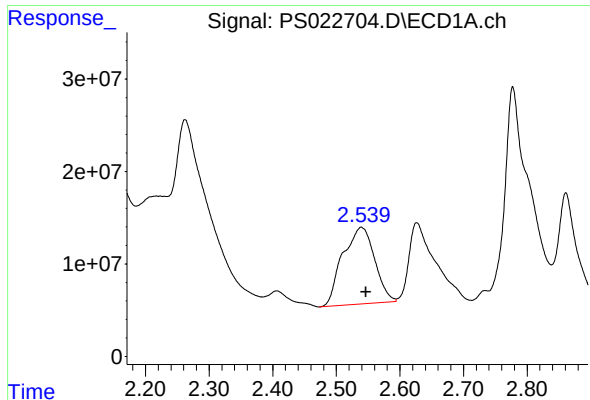
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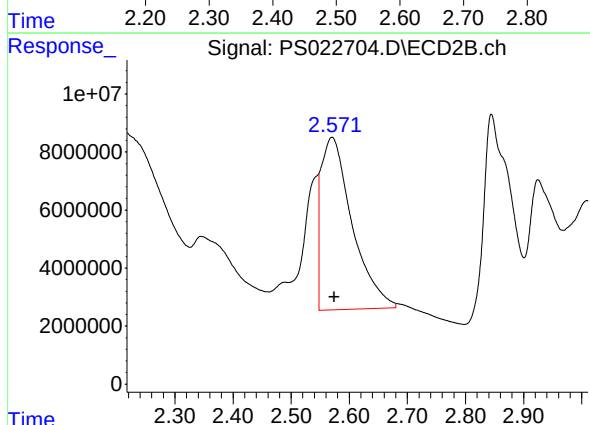
#1 Dalapon

R.T.: 2.539 min
Delta R.T.: -0.008 min
Response: 289919633
Conc: 98.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT2-2023

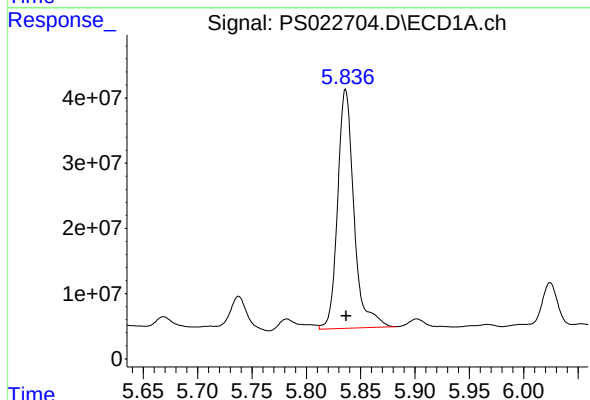
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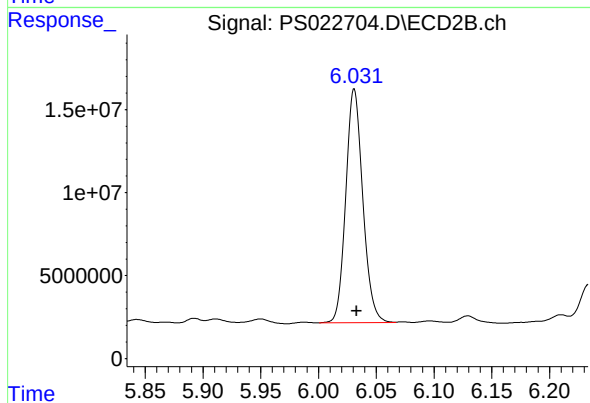
#1 Dalapon

R.T.: 2.571 min
Delta R.T.: -0.004 min
Response: 218095589
Conc: 137.77 ng/ml



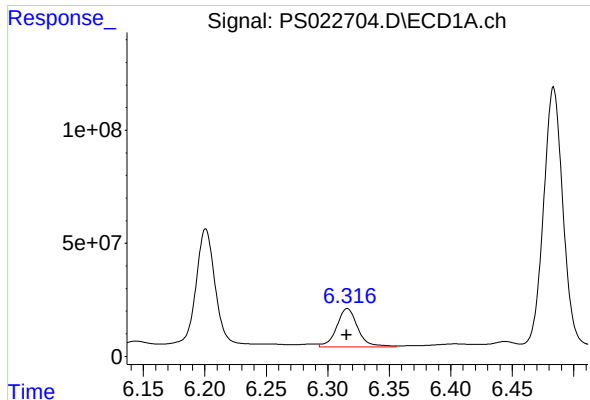
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 383867373
Conc: 113.60 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 145148023
Conc: 93.08 ng/ml



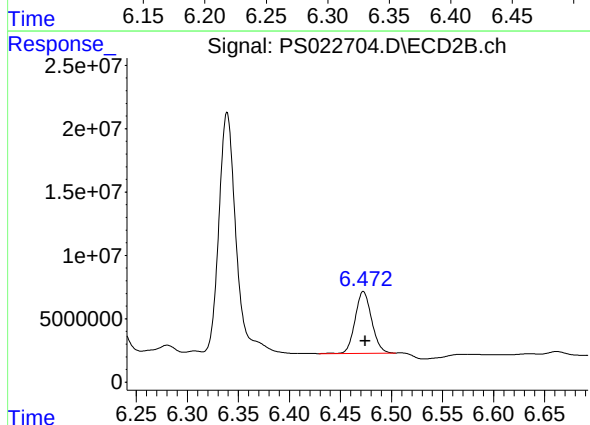
#3 4-Nitrophenol

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 202097096
Conc: 108.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT2-2023

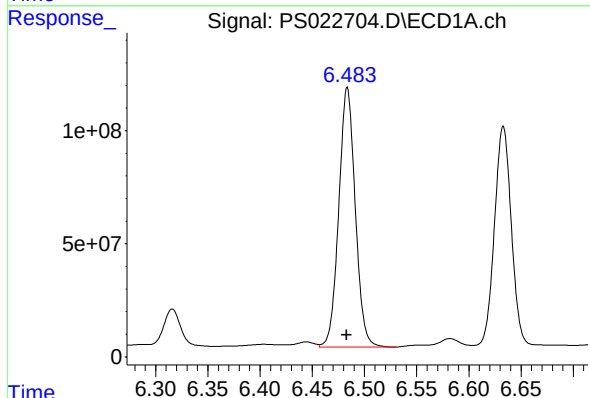
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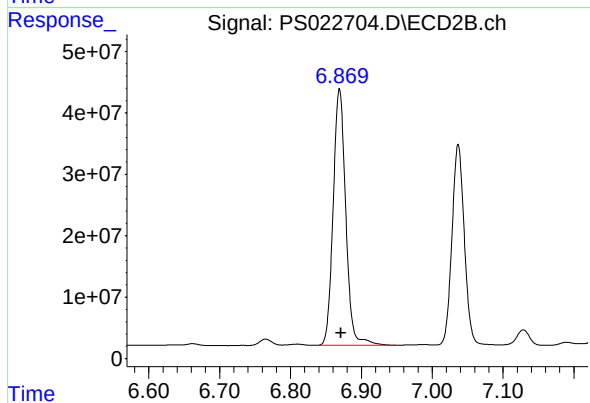
#3 4-Nitrophenol

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 54905084
Conc: 86.37 ng/ml



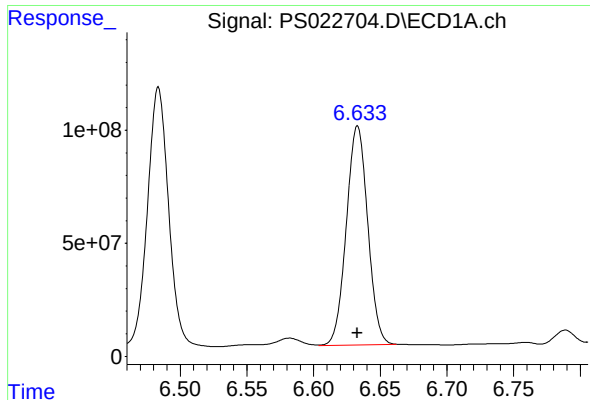
#4 2,4-DCAA

R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 1262721252
Conc: 507.18 ng/ml



#4 2,4-DCAA

R.T.: 6.869 min
Delta R.T.: -0.002 min
Response: 514928666
Conc: 505.35 ng/ml



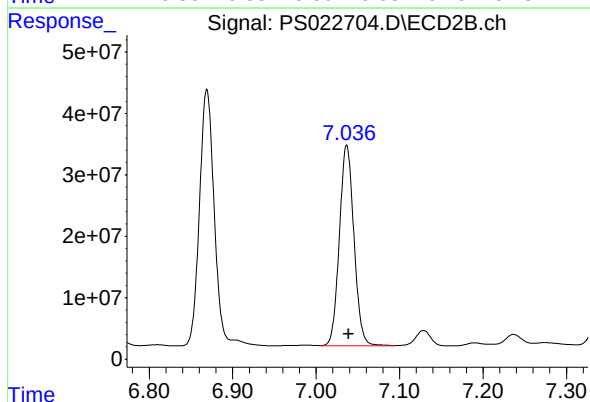
#5 DICAMBA

R.T.: 6.633 min
Delta R.T.: 0.000 min
Response: 1080801732
Conc: 98.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT2-2023

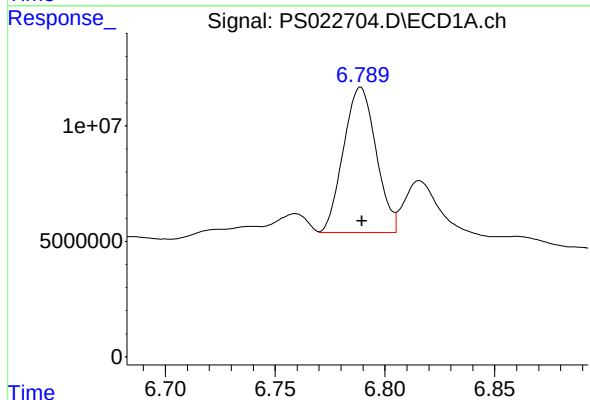
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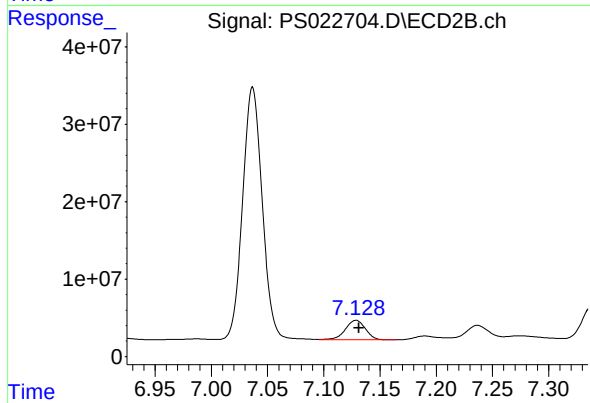
#5 DICAMBA

R.T.: 7.037 min
Delta R.T.: -0.002 min
Response: 396487265
Conc: 86.11 ng/ml



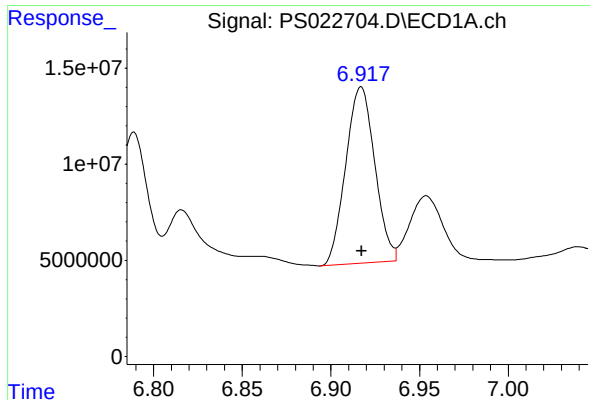
#6 MCP

R.T.: 6.789 min
Delta R.T.: 0.000 min
Response: 65666214
Conc: 7.80 ug/ml m



#6 MCP

R.T.: 7.129 min
Delta R.T.: -0.003 min
Response: 31359022
Conc: 9.00 ug/ml



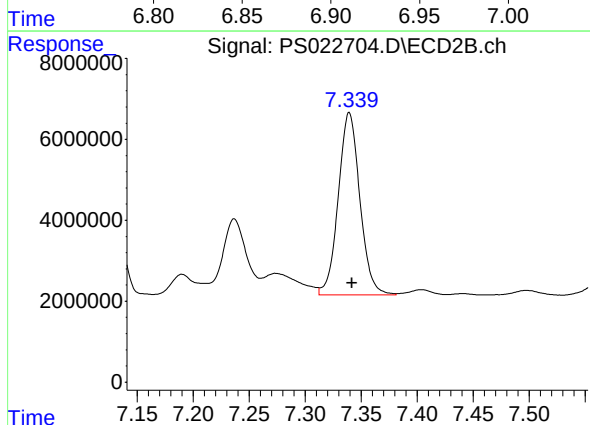
#7 MCPA

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 104630675
Conc: 8.81 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT2-2023

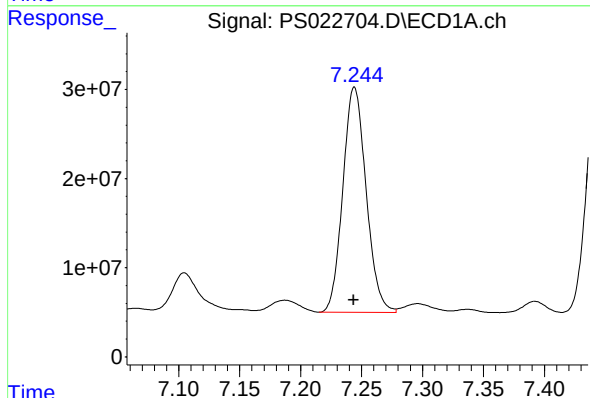
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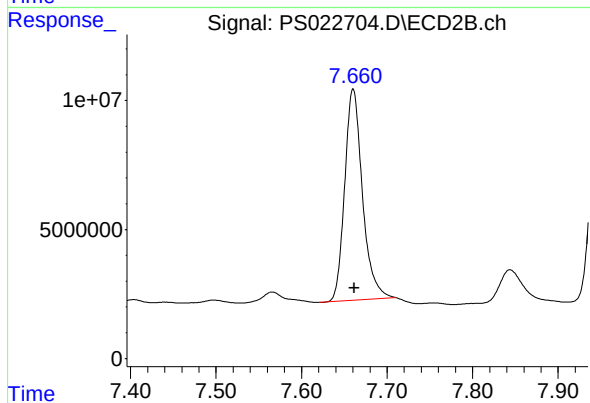
#7 MCPA

R.T.: 7.339 min
Delta R.T.: -0.003 min
Response: 60404815
Conc: 12.49 ug/ml



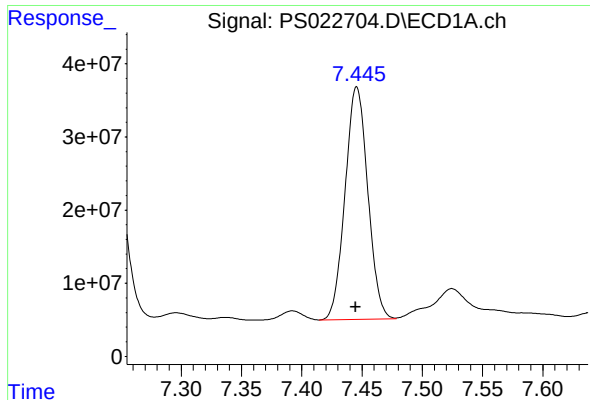
#8 DICHLORPROP

R.T.: 7.244 min
Delta R.T.: 0.000 min
Response: 335903636
Conc: 110.43 ng/ml



#8 DICHLORPROP

R.T.: 7.660 min
Delta R.T.: -0.001 min
Response: 118172144
Conc: 106.12 ng/ml



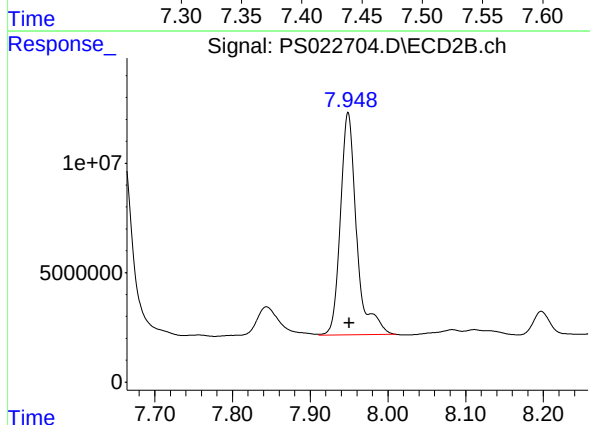
#9 2,4-D

R.T.: 7.446 min
Delta R.T.: 0.000 min
Response: 417105680
Conc: 112.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT2-2023

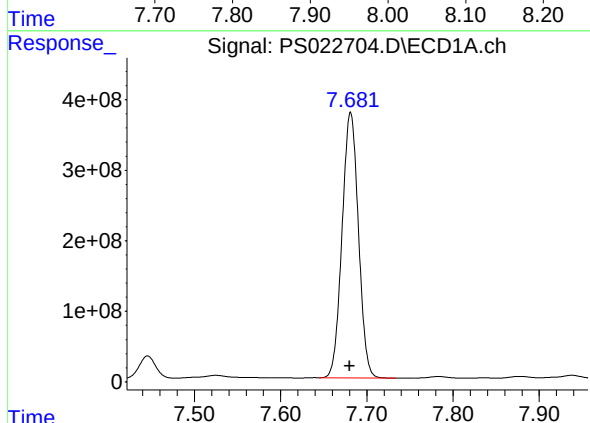
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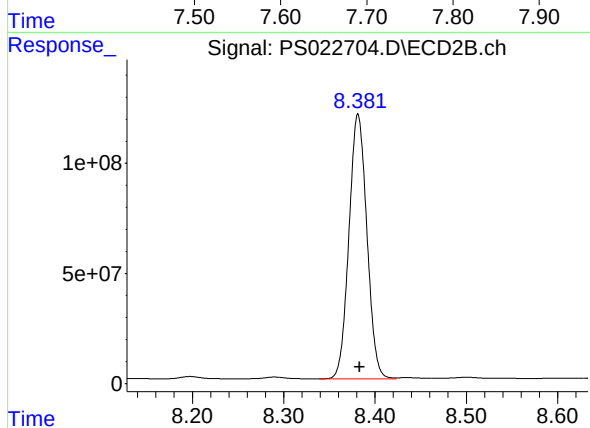
#9 2,4-D

R.T.: 7.949 min
Delta R.T.: -0.001 min
Response: 147775951
Conc: 115.38 ng/ml



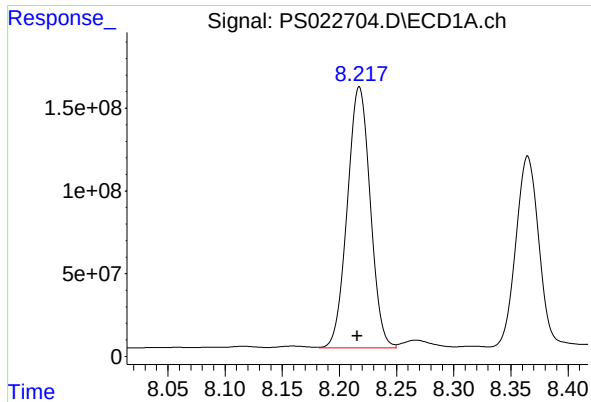
#10 Pentachlorophenol

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 4962652118
Conc: 124.07 ng/ml



#10 Pentachlorophenol

R.T.: 8.381 min
Delta R.T.: -0.002 min
Response: 1643110345
Conc: 102.43 ng/ml



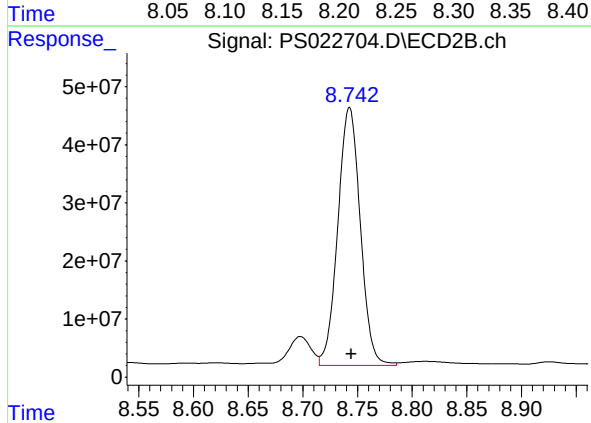
#11 2,4,5-TP (SILVEX)

R.T.: 8.217 min
Delta R.T.: 0.002 min
Response: 2212157477
Conc: 120.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT2-2023

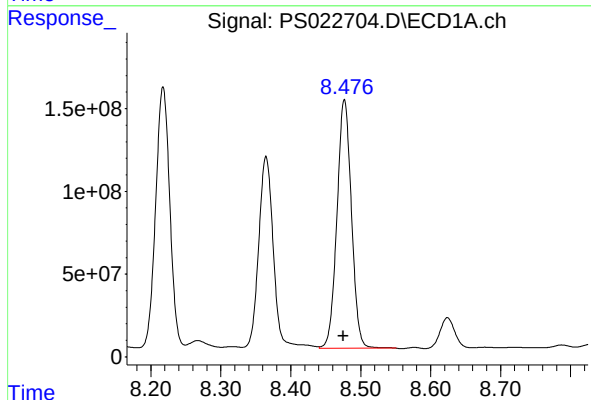
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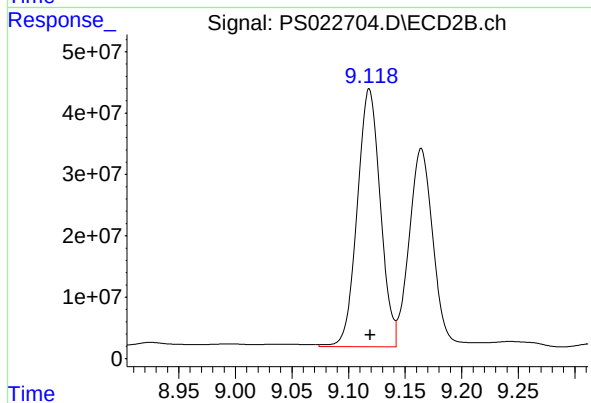
#11 2,4,5-TP (SILVEX)

R.T.: 8.743 min
Delta R.T.: -0.002 min
Response: 635937227
Conc: 101.98 ng/ml



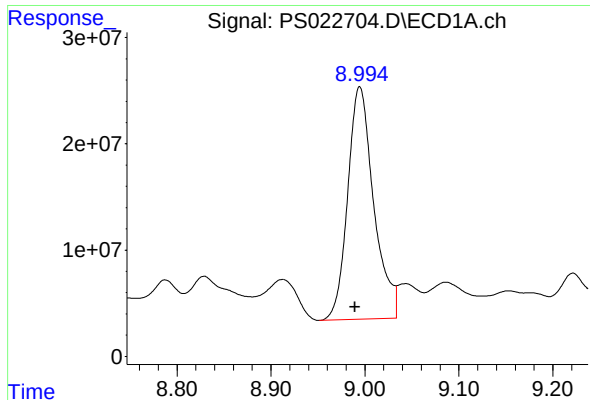
#12 2,4,5-T

R.T.: 8.477 min
Delta R.T.: 0.001 min
Response: 2157105737
Conc: 115.34 ng/ml



#12 2,4,5-T

R.T.: 9.118 min
Delta R.T.: 0.000 min
Response: 597001199
Conc: 100.91 ng/ml



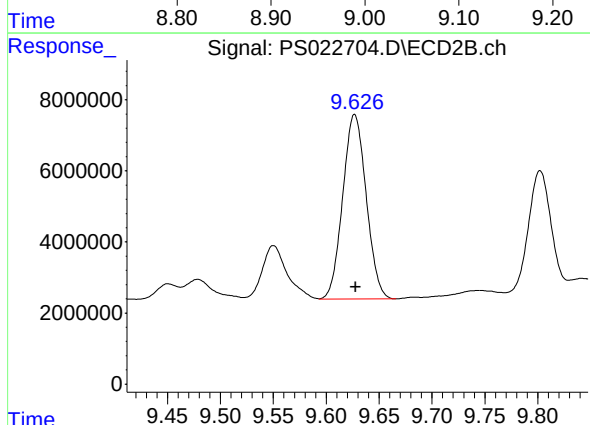
#13 2,4-DB

R.T.: 8.994 min
Delta R.T.: 0.005 min
Response: 421356443
Conc: 98.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
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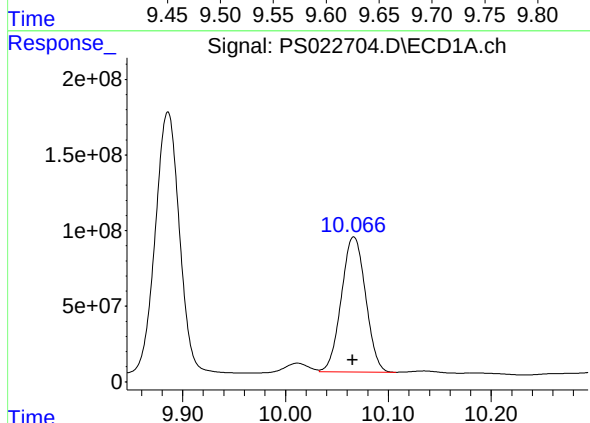
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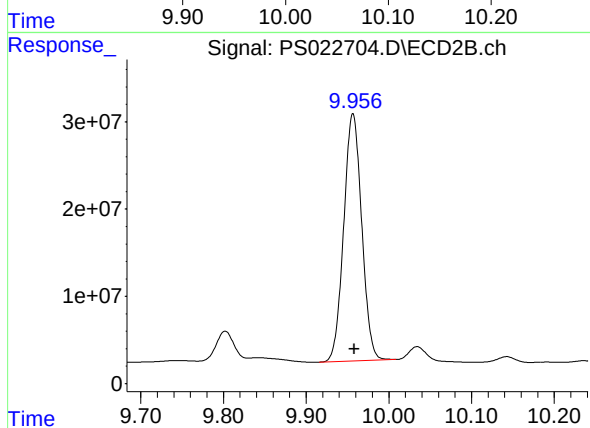
#13 2,4-DB

R.T.: 9.627 min
Delta R.T.: 0.000 min
Response: 80241951
Conc: 107.10 ng/ml



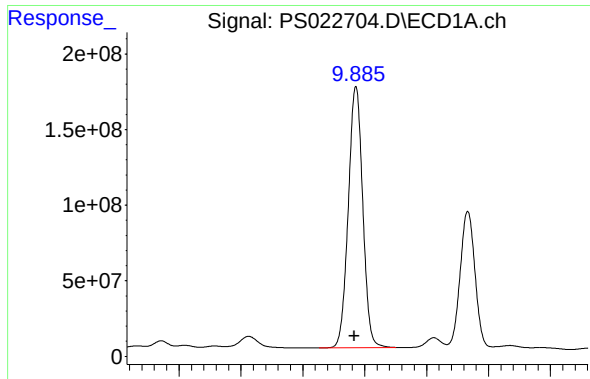
#14 DINOSEB

R.T.: 10.066 min
Delta R.T.: 0.001 min
Response: 1460440352
Conc: 103.02 ng/ml



#14 DINOSEB

R.T.: 9.957 min
Delta R.T.: -0.002 min
Response: 428552113
Conc: 97.06 ng/ml



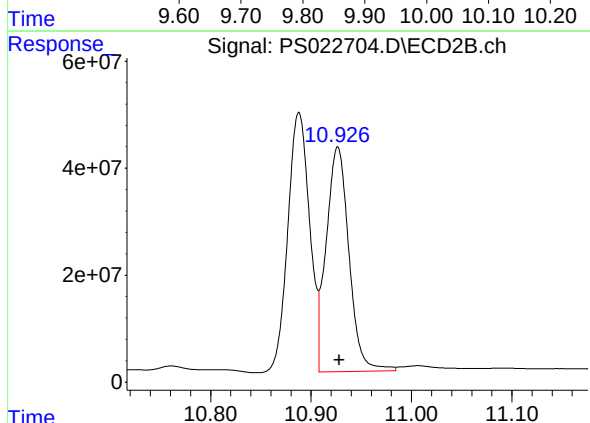
#15 Picloram

R.T.: 9.886 min
Delta R.T.: 0.002 min
Response: 2805869123
Conc: 94.20 ng/ml

Instrument :
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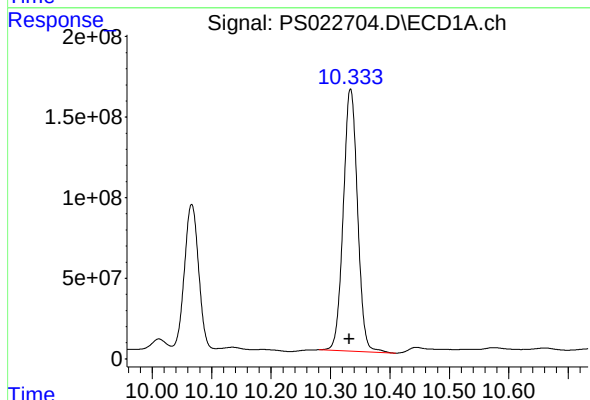
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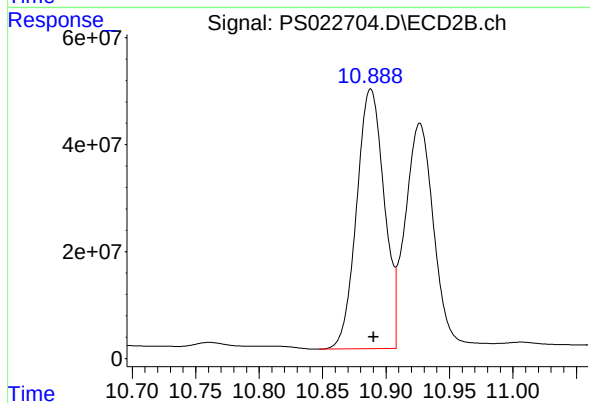
#15 Picloram

R.T.: 10.927 min
Delta R.T.: -0.001 min
Response: 664329198
Conc: 81.68 ng/ml



#16 DCPA

R.T.: 10.334 min
Delta R.T.: 0.002 min
Response: 2714132537
Conc: 121.41 ng/ml



#16 DCPA

R.T.: 10.888 min
Delta R.T.: -0.002 min
Response: 734138820
Conc: 105.72 ng/ml