

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100722\
 Data File : PS020756.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2022 14:51
 Operator : AR\AJ
 Sample : N4955-01
 Misc : LOD 100 PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/10/2022
 Supervised By :Ankita Jodhani 10/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 08 04:06:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100622.M
 Quant Title : 8080.M
 QLast Update : Fri Oct 07 06:09:52 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	6.424	6.865	773.2E6	527.2E6	409.854	393.727
Target Compounds							
1) T	Dalapon	2.506	2.560	227.6E6	249.0E6	81.151m	143.439m#
2) T	3,5-DICHL...	5.789	6.033	253.3E6	144.9E6	84.310	72.288
3) T	4-Nitroph...	6.258	6.470	136.1E6	59350428	97.990	71.981 #
5) T	DICAMBA	6.571	7.033	625.7E6	427.2E6	78.701	72.578
6) T	MCPD	6.724	7.126	40185850	28025986	6.838	6.395
7) T	MCPA	6.849	7.337	57151227	45180143	6.709	7.462
8) T	DICHLORPROP	7.173	7.662	168.4E6	131.7E6	83.953	90.828
9) T	2,4-D	7.372	7.953	203.2E6	153.3E6	83.352	86.480
10) T	Pentachlo...	7.609	8.390	2522.9E6	1750.5E6	91.882	86.661
11) T	2,4,5-TP ...	8.138	8.753	1038.8E6	725.7E6	92.146	85.655
12) T	2,4,5-T	8.396	9.129	993.5E6	645.4E6	89.385	79.316
13) T	2,4-DB	8.908	9.639	157.6E6	93355668	69.002	83.328
14) T	DINOSEB	9.971	9.971	620.3E6	453.5E6	75.748	74.837
15) T	Picloram	9.792	10.940	1196.1E6	789.9E6	71.821	67.011
16) T	DCPA	10.238	10.904	1306.5E6	864.4E6	93.915	84.137

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

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ALS Vial : 7 Sample Multiplier: 1

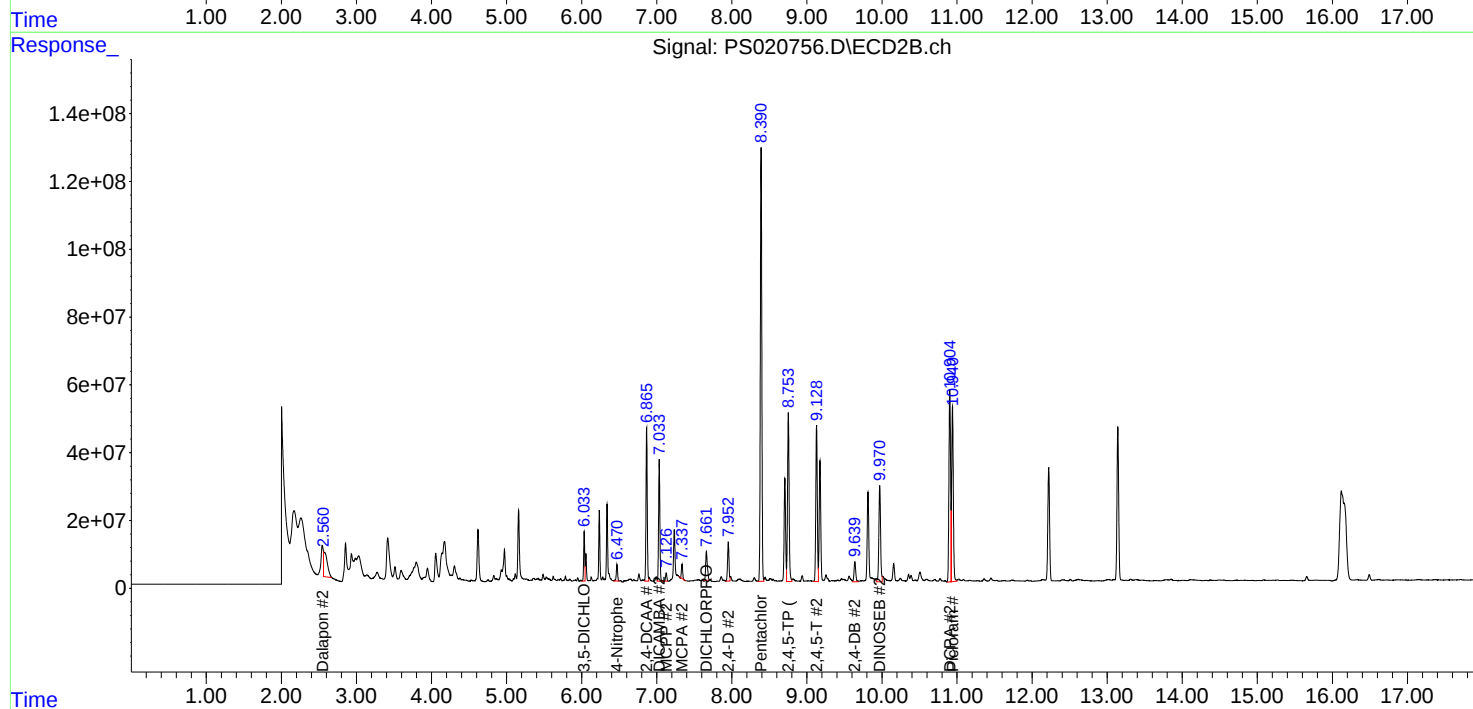
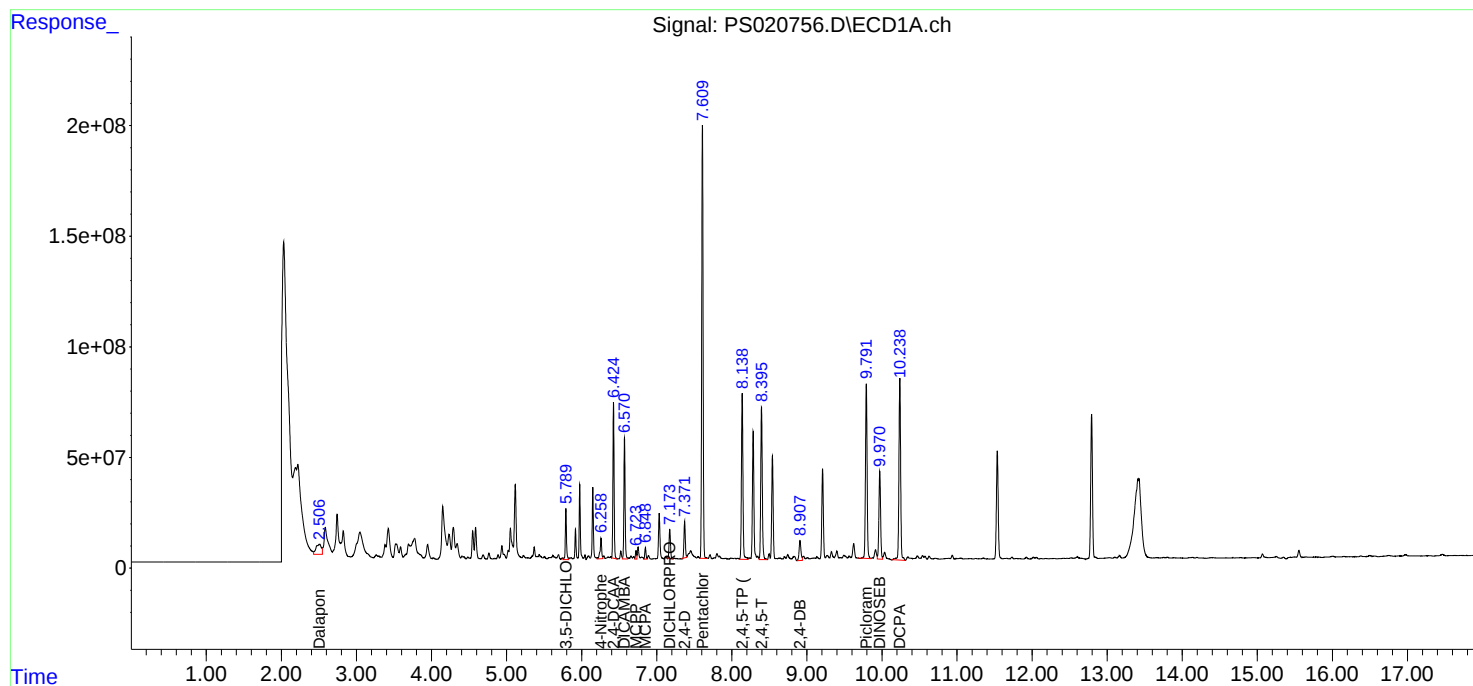
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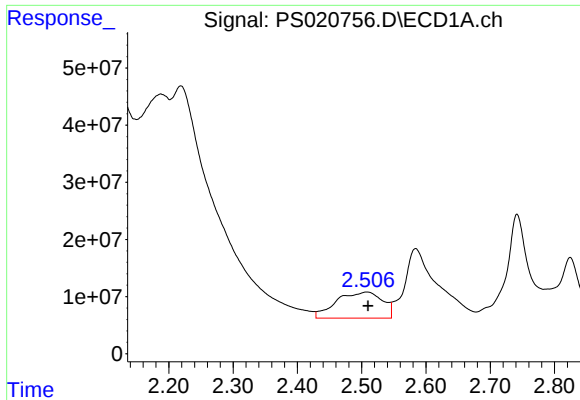
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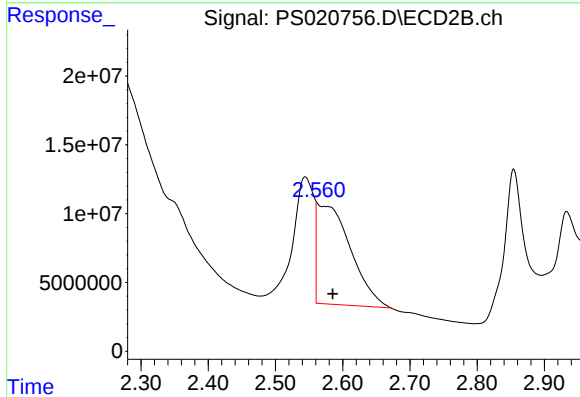
#1 Dalapon

R.T.: 2.506 min
Delta R.T.: -0.004 min
Response: 227626332
Conc: 81.15 ng/ml

Instrument :
ECD_S
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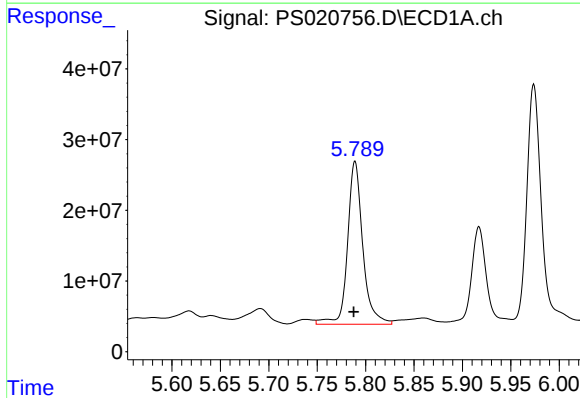
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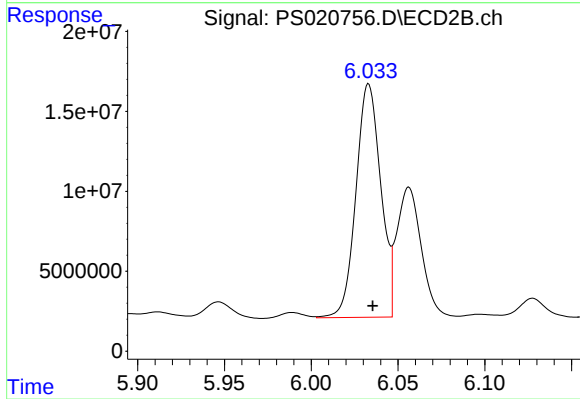
#1 Dalapon

R.T.: 2.560 min
Delta R.T.: -0.025 min
Response: 248975638
Conc: 143.44 ng/ml m



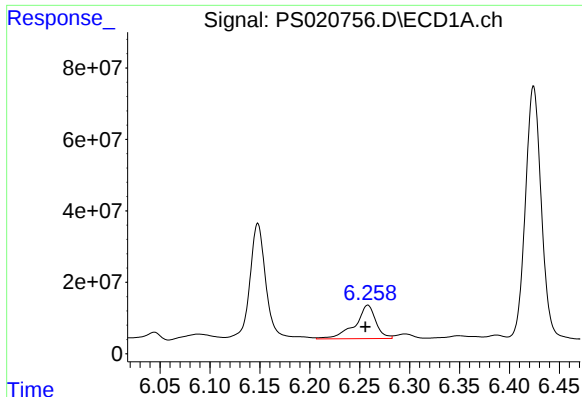
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.789 min
Delta R.T.: 0.001 min
Response: 253315265
Conc: 84.31 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.033 min
Delta R.T.: -0.002 min
Response: 144908691
Conc: 72.29 ng/ml



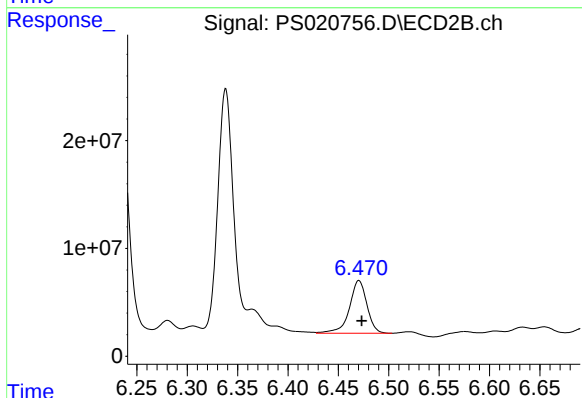
#3 4-Nitrophenol

R.T.: 6.258 min
Delta R.T.: 0.002 min
Response: 136141606
Conc: 97.99 ng/ml

Instrument :
ECD_S
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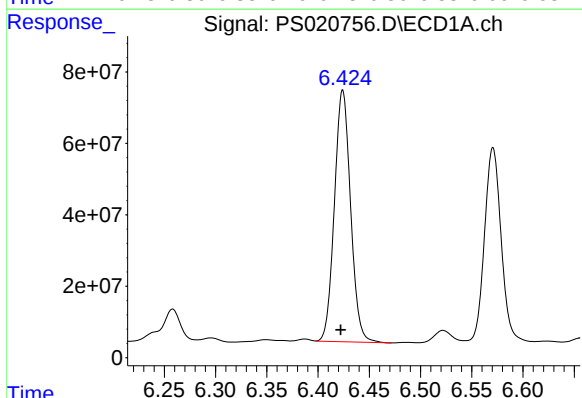
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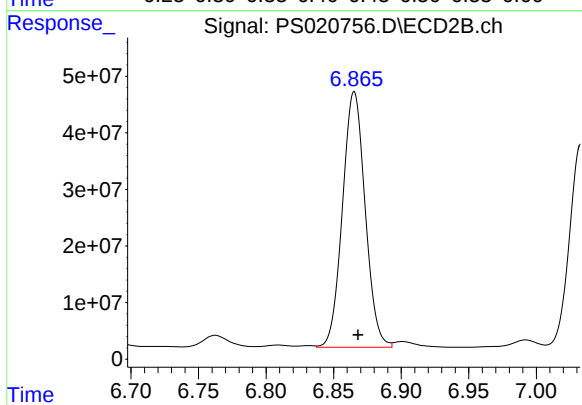
#3 4-Nitrophenol

R.T.: 6.470 min
Delta R.T.: -0.003 min
Response: 59350428
Conc: 71.98 ng/ml



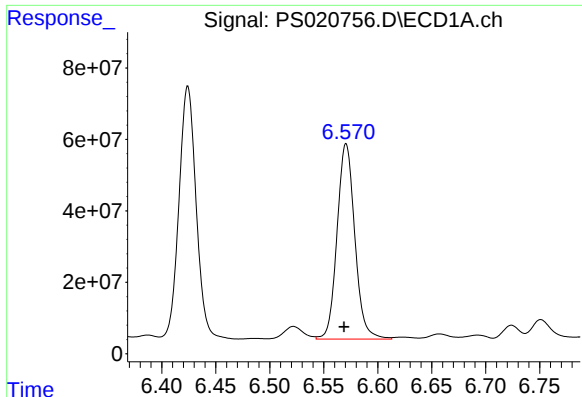
#4 2,4-DCAA

R.T.: 6.424 min
Delta R.T.: 0.002 min
Response: 773168302
Conc: 409.85 ng/ml



#4 2,4-DCAA

R.T.: 6.865 min
Delta R.T.: -0.003 min
Response: 527192828
Conc: 393.73 ng/ml



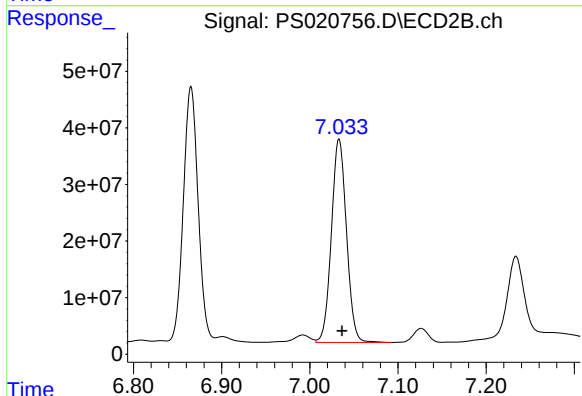
#5 DICAMBA

R.T.: 6.571 min
Delta R.T.: 0.002 min
Response: 625694666
Conc: 78.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

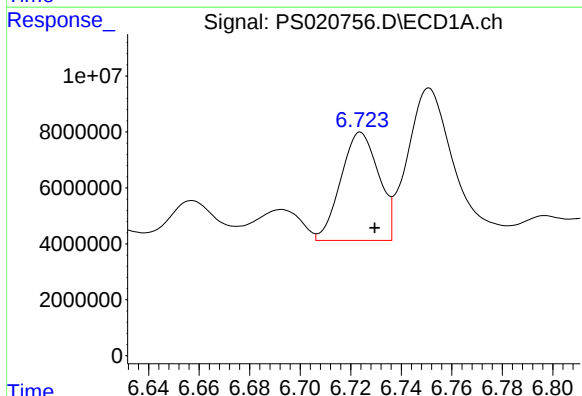
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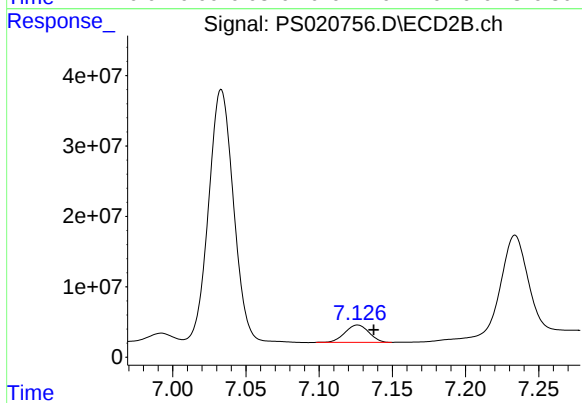
#5 DICAMBA

R.T.: 7.033 min
Delta R.T.: -0.003 min
Response: 427179523
Conc: 72.58 ng/ml



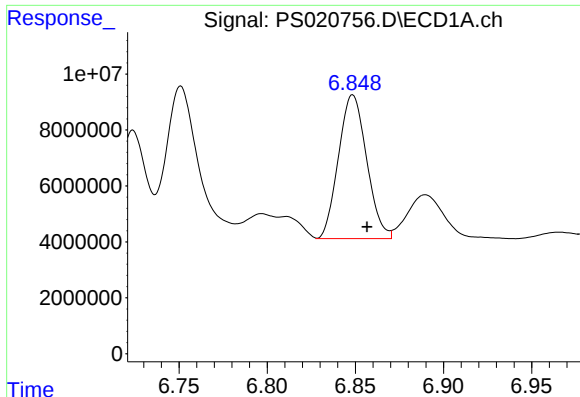
#6 MCP

R.T.: 6.724 min
Delta R.T.: -0.006 min
Response: 40185850
Conc: 6.84 ug/ml



#6 MCP

R.T.: 7.126 min
Delta R.T.: -0.011 min
Response: 28025986
Conc: 6.40 ug/ml



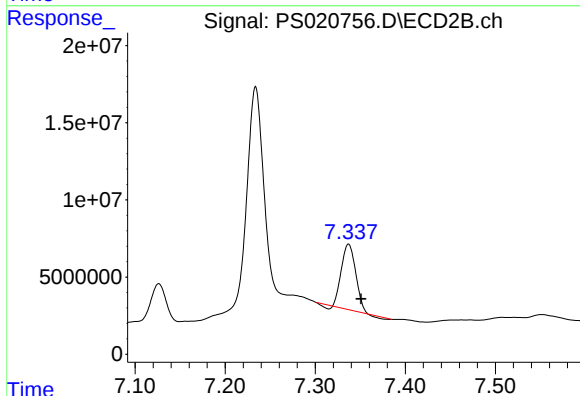
#7 MCPA

R.T.: 6.849 min
Delta R.T.: -0.008 min
Response: 57151227
Conc: 6.71 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

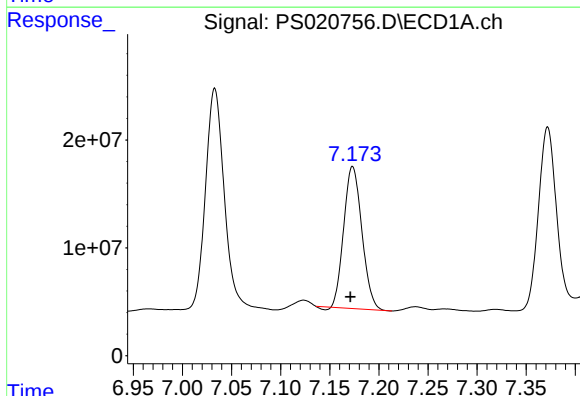
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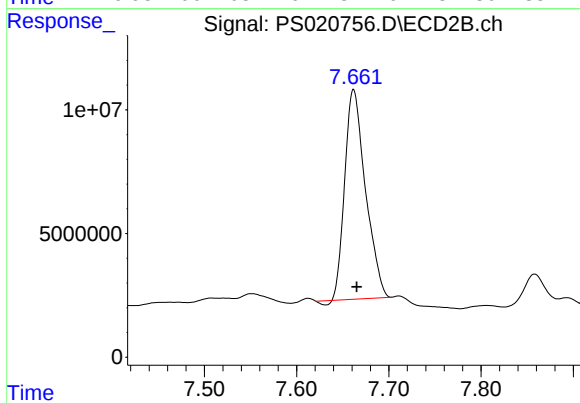
#7 MCPA

R.T.: 7.337 min
Delta R.T.: -0.014 min
Response: 45180143
Conc: 7.46 ug/ml



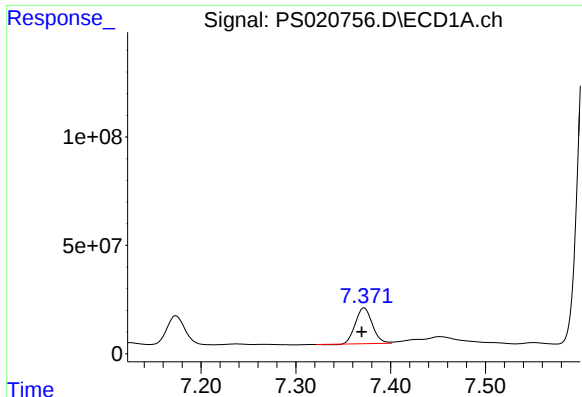
#8 DICHLORPROP

R.T.: 7.173 min
Delta R.T.: 0.002 min
Response: 168413860
Conc: 83.95 ng/ml



#8 DICHLORPROP

R.T.: 7.662 min
Delta R.T.: -0.003 min
Response: 131747368
Conc: 90.83 ng/ml



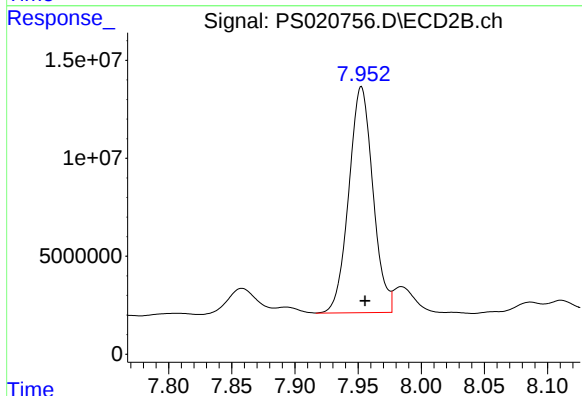
#9 2,4-D

R.T.: 7.372 min
Delta R.T.: 0.002 min
Response: 203215362
Conc: 83.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
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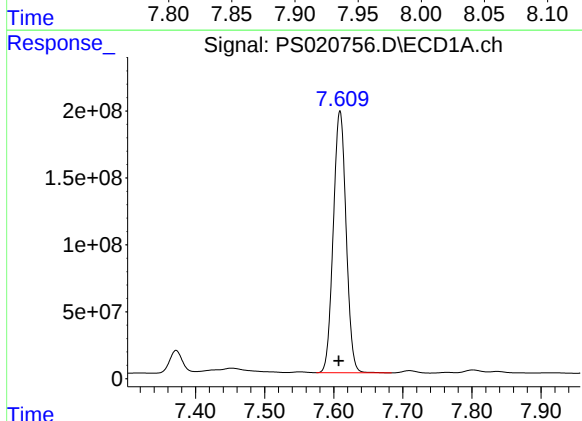
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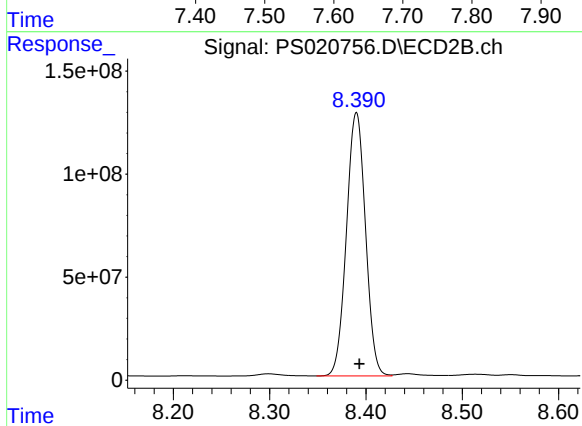
#9 2,4-D

R.T.: 7.953 min
Delta R.T.: -0.003 min
Response: 153300143
Conc: 86.48 ng/ml



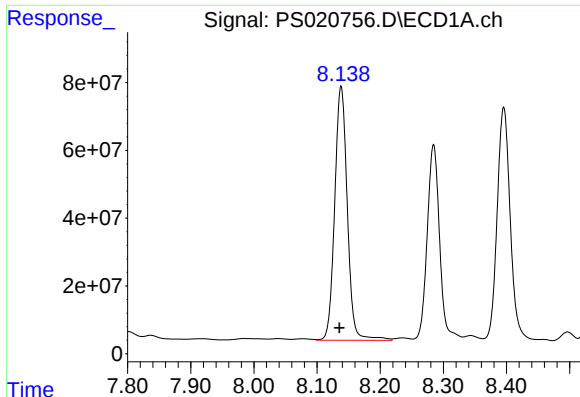
#10 Pentachlorophenol

R.T.: 7.609 min
Delta R.T.: 0.002 min
Response: 2522856962
Conc: 91.88 ng/ml



#10 Pentachlorophenol

R.T.: 8.390 min
Delta R.T.: -0.003 min
Response: 1750539594
Conc: 86.66 ng/ml



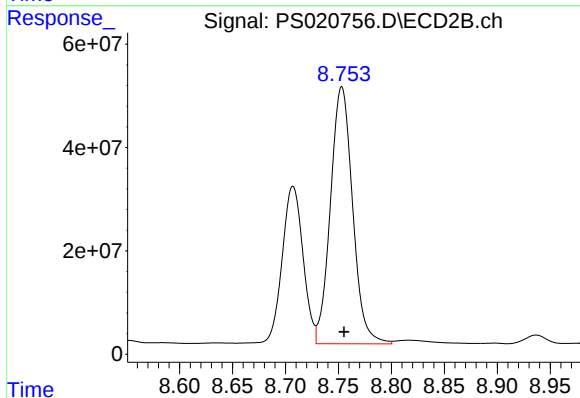
#11 2,4,5-TP (SILVEX)

R.T.: 8.138 min
Delta R.T.: 0.003 min
Response: 1038840546
Conc: 92.15 ng/ml

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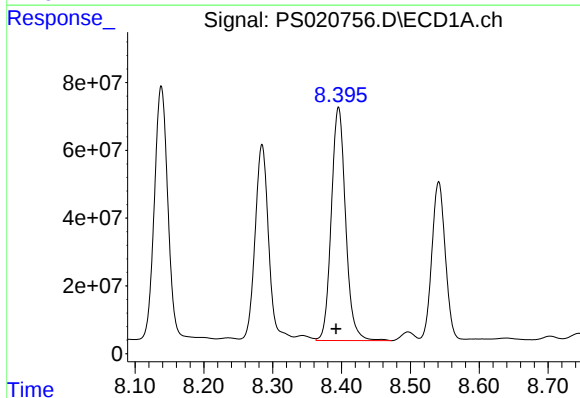
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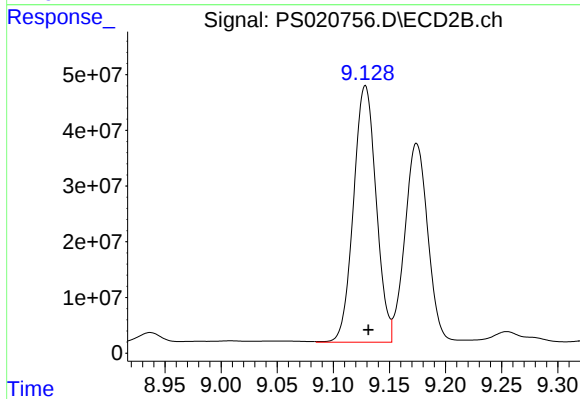
#11 2,4,5-TP (SILVEX)

R.T.: 8.753 min
Delta R.T.: -0.002 min
Response: 725738469
Conc: 85.66 ng/ml



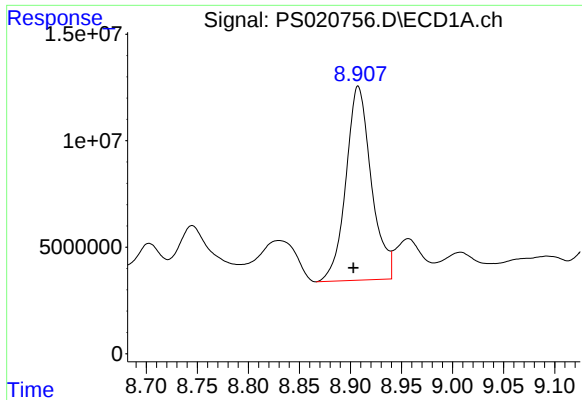
#12 2,4,5-T

R.T.: 8.396 min
Delta R.T.: 0.003 min
Response: 993500517
Conc: 89.39 ng/ml



#12 2,4,5-T

R.T.: 9.129 min
Delta R.T.: -0.003 min
Response: 645368354
Conc: 79.32 ng/ml



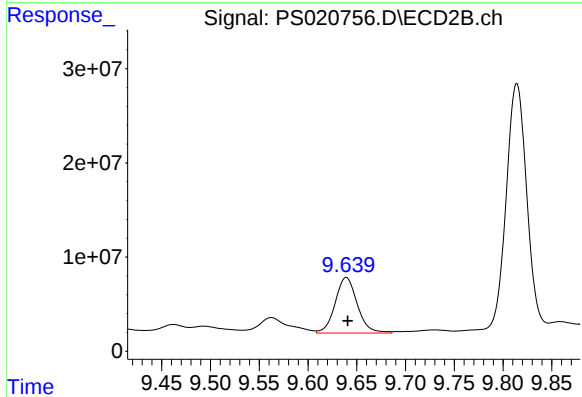
#13 2,4-DB

R.T.: 8.908 min
Delta R.T.: 0.005 min
Response: 157610706
Conc: 69.00 ng/ml

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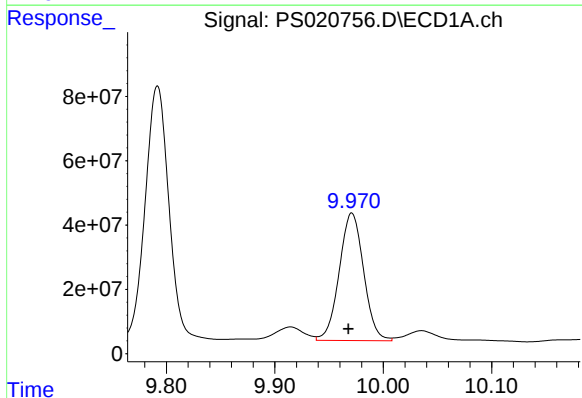
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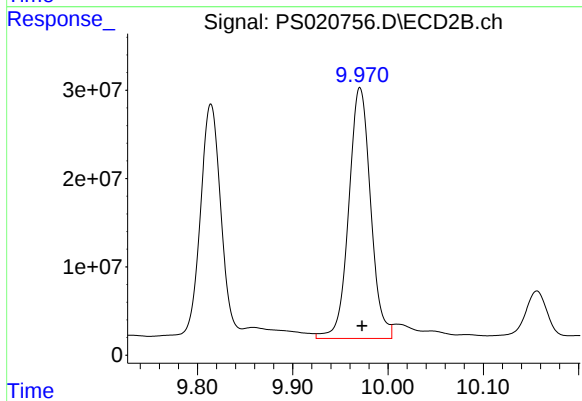
#13 2,4-DB

R.T.: 9.639 min
Delta R.T.: -0.002 min
Response: 93355668
Conc: 83.33 ng/ml



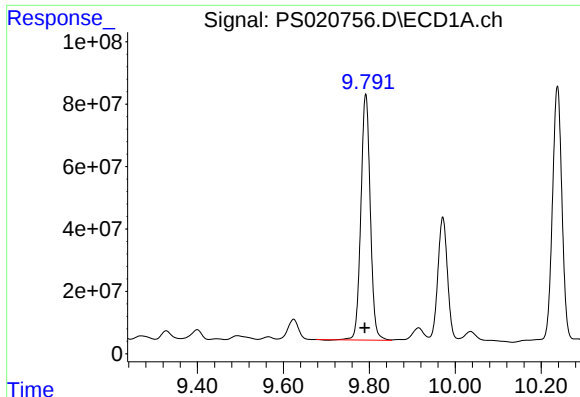
#14 DINOSEB

R.T.: 9.971 min
Delta R.T.: 0.003 min
Response: 620301456
Conc: 75.75 ng/ml



#14 DINOSEB

R.T.: 9.971 min
Delta R.T.: -0.002 min
Response: 453505063
Conc: 74.84 ng/ml



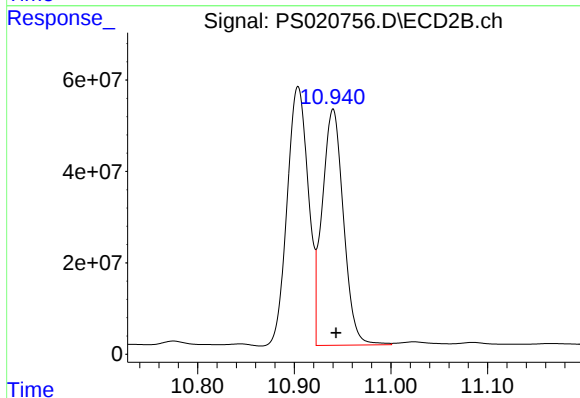
#15 Picloram

R.T.: 9.792 min
Delta R.T.: 0.003 min
Response: 1196084138
Conc: 71.82 ng/ml

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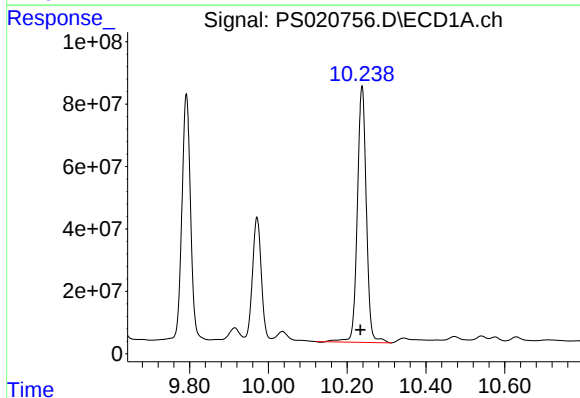
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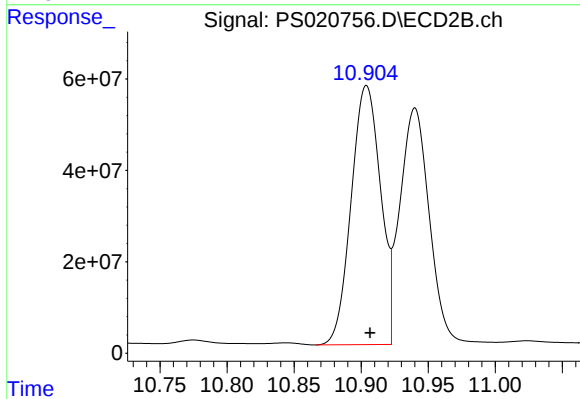
#15 Picloram

R.T.: 10.940 min
Delta R.T.: -0.003 min
Response: 789919305
Conc: 67.01 ng/ml



#16 DCPA

R.T.: 10.238 min
Delta R.T.: 0.004 min
Response: 1306501949
Conc: 93.92 ng/ml



#16 DCPA

R.T.: 10.904 min
Delta R.T.: -0.003 min
Response: 864401981
Conc: 84.14 ng/ml