

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100722\
 Data File : PS020758.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2022 15:39
 Operator : AR\AJ
 Sample : N4955-01
 Misc : LOD 100 PPB
 ALS Vial : 9 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 04:05:26 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	6.422	6.865	806.4E6	559.1E6	427.488	417.543
Target Compounds							
1) T	Dalapon	2.510	2.583	299.6E6	289.9E6	106.824m	167.038 #
2) T	3,5-DICHL...	5.787	6.033	374.0E6	263.5E6	124.486	131.461
3) T	4-Nitroph...	6.256	6.470	172.3E6	81869936	125.175	99.293
5) T	DICAMBA	6.568	7.033	965.3E6	671.7E6	121.422	114.127
6) T	MCPD	6.722	7.127	71823665	46730436	12.222	10.664
7) T	MCPA	6.847	7.337	94356060	75959875	11.077	12.545
8) T	DICHLORPROP	7.171	7.661	253.4E6	187.5E6	126.339	129.244
9) T	2,4-D	7.369	7.952	308.3E6	237.6E6	126.469	134.029
10) T	Pentachlo...	7.606	8.389	3904.3E6	2747.9E6	142.193	136.036
11) T	2,4,5-TP ...	8.136	8.753	1537.5E6	1131.0E6	136.374	133.486
12) T	2,4,5-T	8.393	9.128	1515.5E6	995.8E6	136.346	122.383
13) T	2,4-DB	8.904	9.638	219.6E6	140.3E6	96.151	125.271 #
14) T	DINOSEB	9.967	9.970	909.6E6	638.2E6	111.081	105.317
15) T	Picloram	9.789	10.940	1855.3E6	1213.2E6	111.403	102.917
16) T	DCPA	10.234	10.903	1954.5E6	1334.9E6	140.493	129.938

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

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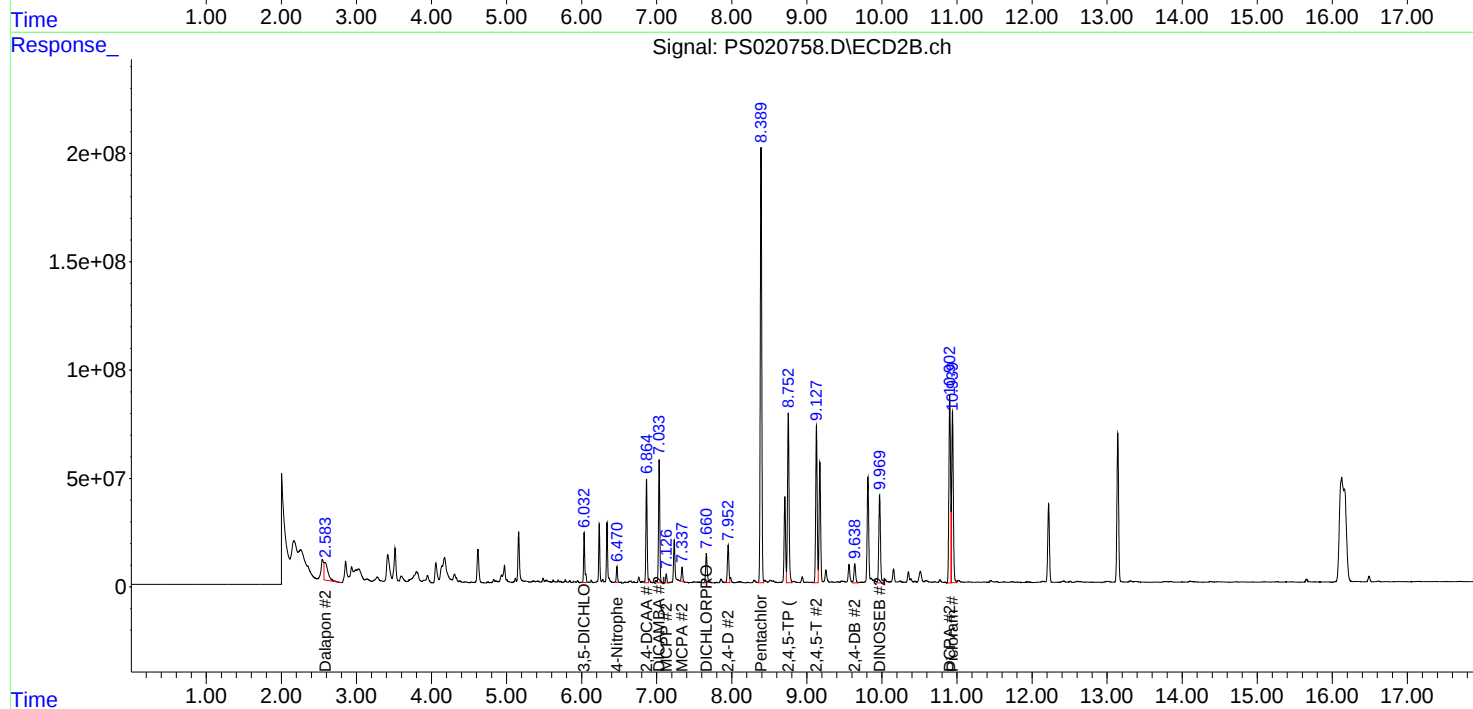
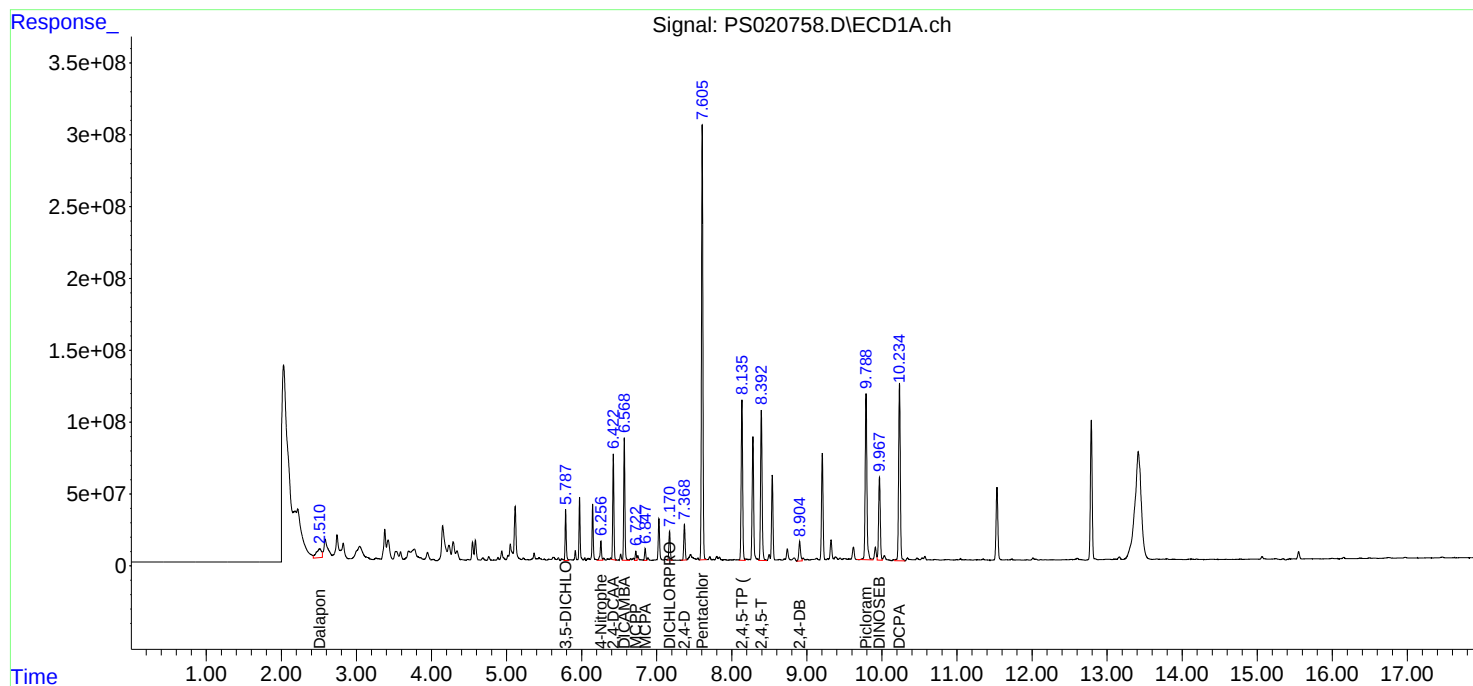
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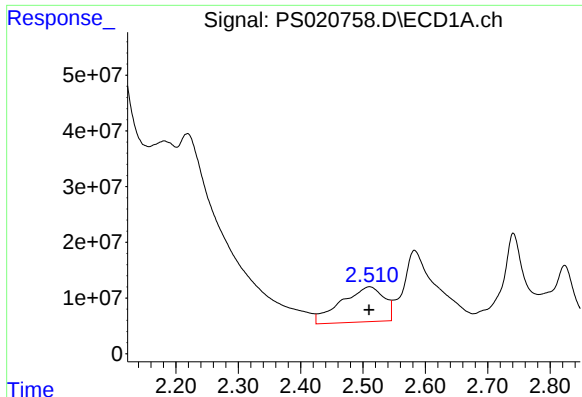
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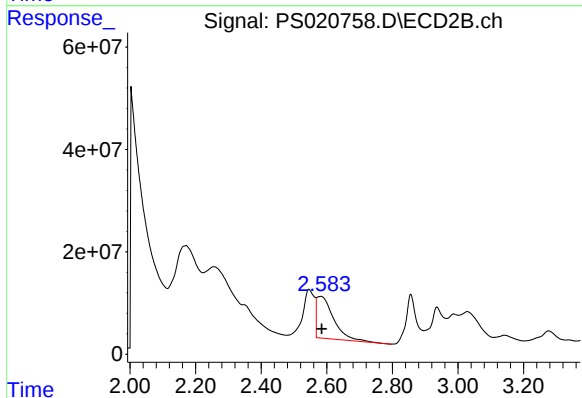
#1 Dalapon

R.T.: 2.510 min
Delta R.T.: 0.000 min
Response: 299638357
Conc: 106.82 ng/ml

Instrument :
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ClientSampleId :
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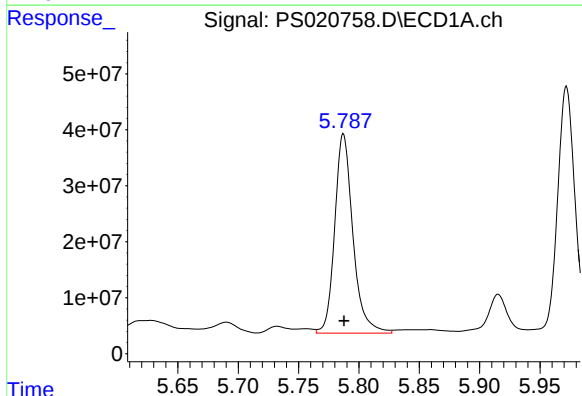
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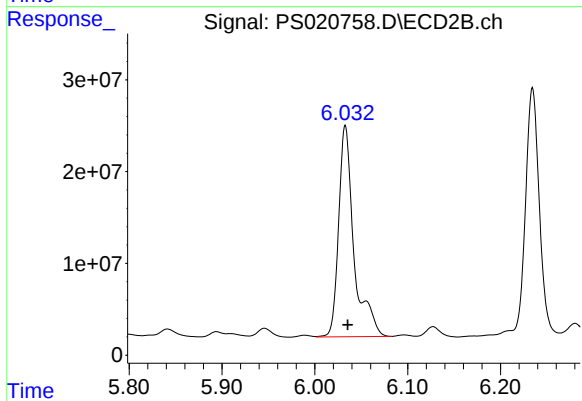
#1 Dalapon

R.T.: 2.583 min
Delta R.T.: -0.002 min
Response: 289937975
Conc: 167.04 ng/ml



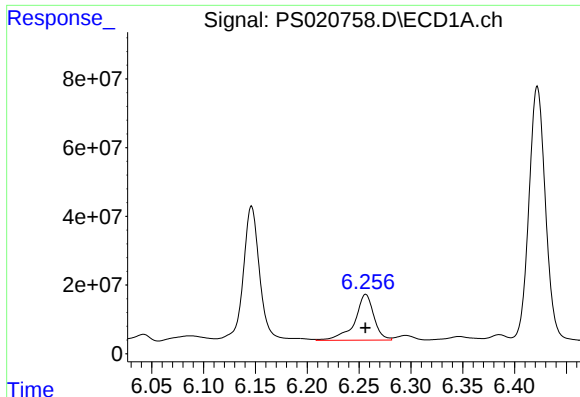
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 374026069
Conc: 124.49 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.033 min
Delta R.T.: -0.003 min
Response: 263528937
Conc: 131.46 ng/ml



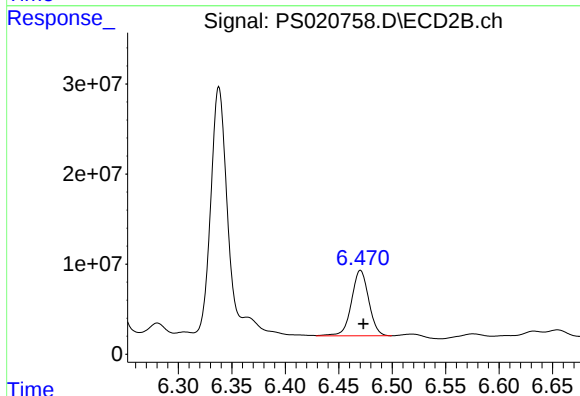
#3 4-Nitrophenol

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 172292925
Conc: 125.18 ng/ml

Instrument :
ECD_S
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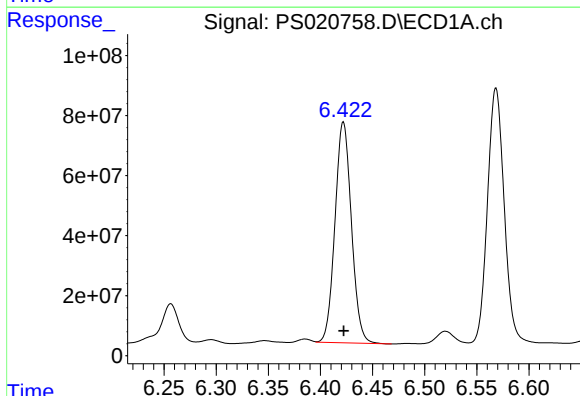
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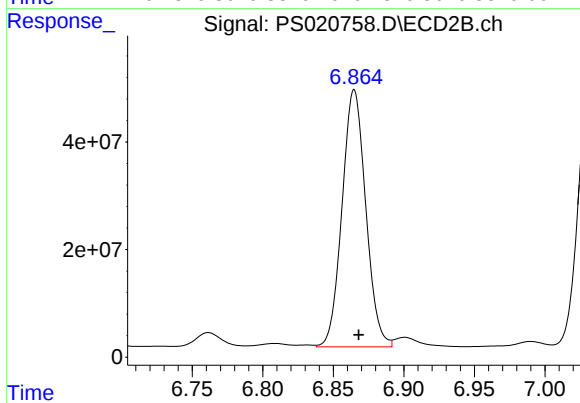
#3 4-Nitrophenol

R.T.: 6.470 min
Delta R.T.: -0.003 min
Response: 81869936
Conc: 99.29 ng/ml



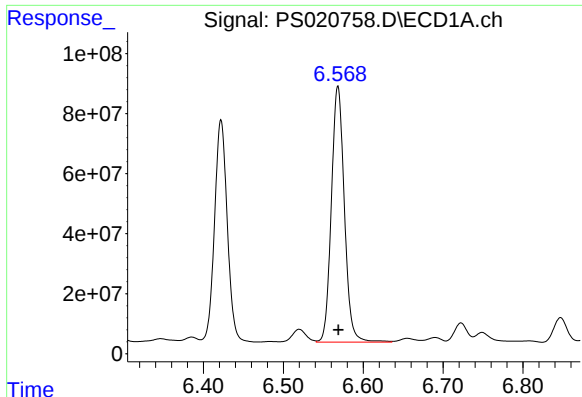
#4 2,4-DCAA

R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 806434577
Conc: 427.49 ng/ml



#4 2,4-DCAA

R.T.: 6.865 min
Delta R.T.: -0.003 min
Response: 559082390
Conc: 417.54 ng/ml



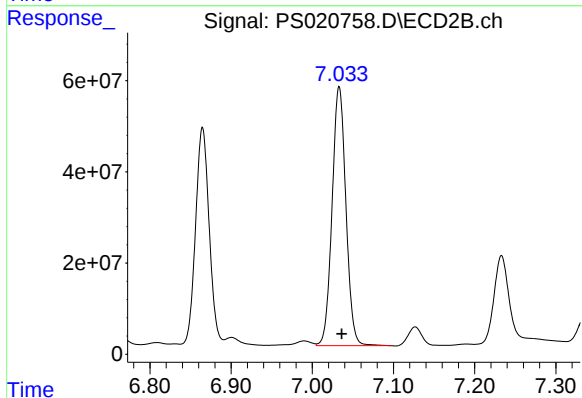
#5 DICAMBA

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 965334978
Conc: 121.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
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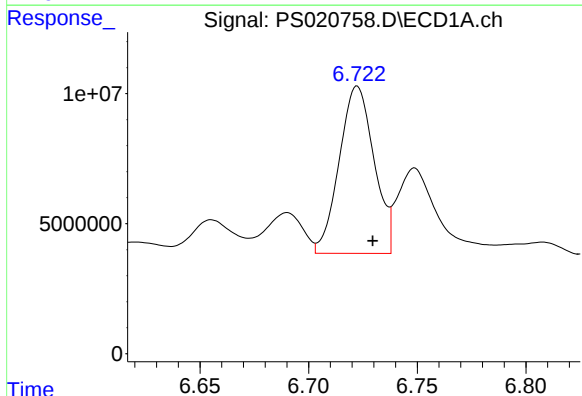
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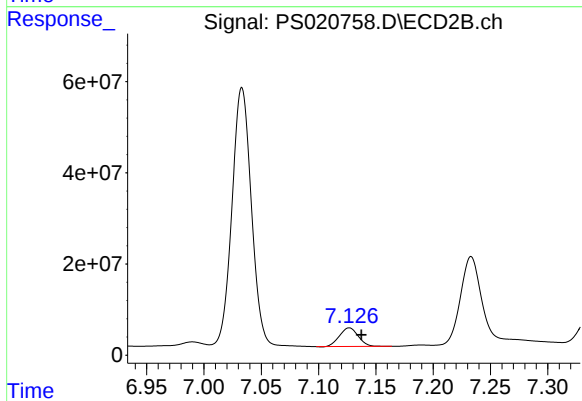
#5 DICAMBA

R.T.: 7.033 min
Delta R.T.: -0.003 min
Response: 671725406
Conc: 114.13 ng/ml



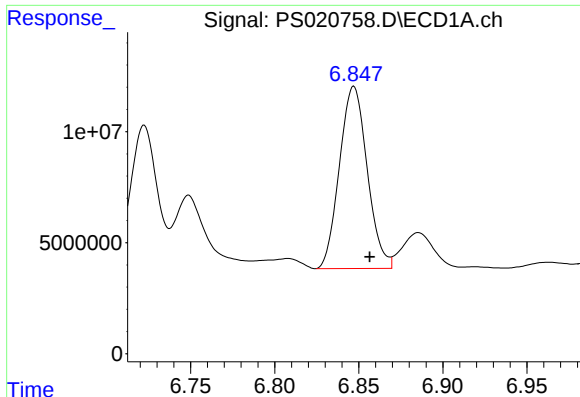
#6 MCP

R.T.: 6.722 min
Delta R.T.: -0.007 min
Response: 71823665
Conc: 12.22 ug/ml



#6 MCP

R.T.: 7.127 min
Delta R.T.: -0.011 min
Response: 46730436
Conc: 10.66 ug/ml



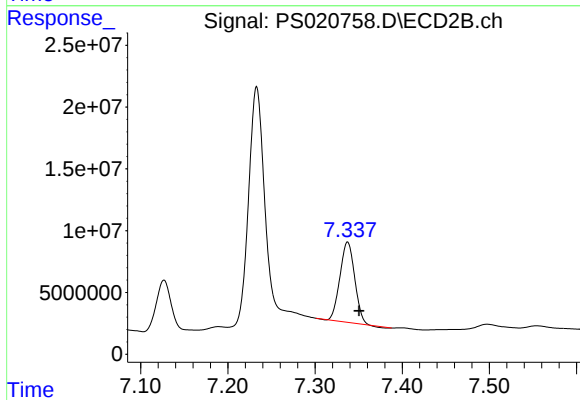
#7 MCPA

R.T.: 6.847 min
Delta R.T.: -0.010 min
Response: 94356060
Conc: 11.08 ug/ml

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

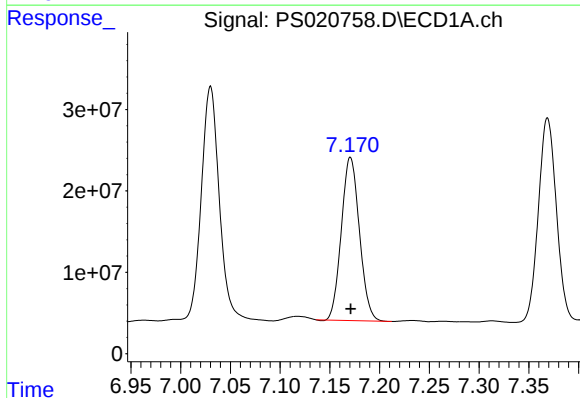
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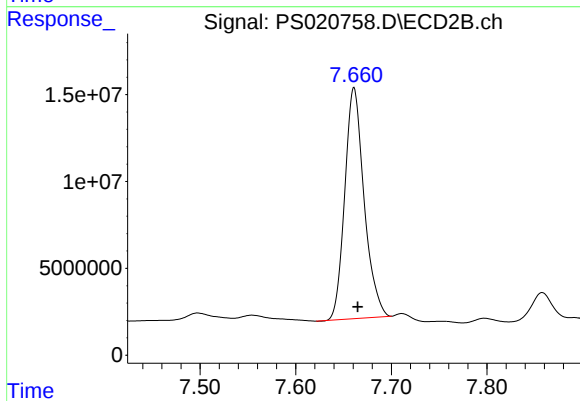
#7 MCPA

R.T.: 7.337 min
Delta R.T.: -0.013 min
Response: 75959875
Conc: 12.54 ug/ml



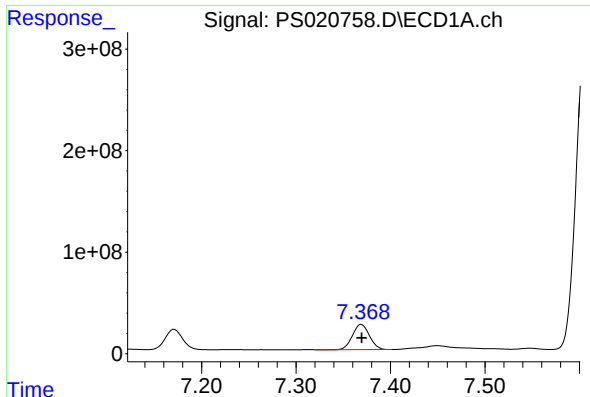
#8 DICHLORPROP

R.T.: 7.171 min
Delta R.T.: 0.000 min
Response: 253440028
Conc: 126.34 ng/ml



#8 DICHLORPROP

R.T.: 7.661 min
Delta R.T.: -0.004 min
Response: 187469934
Conc: 129.24 ng/ml



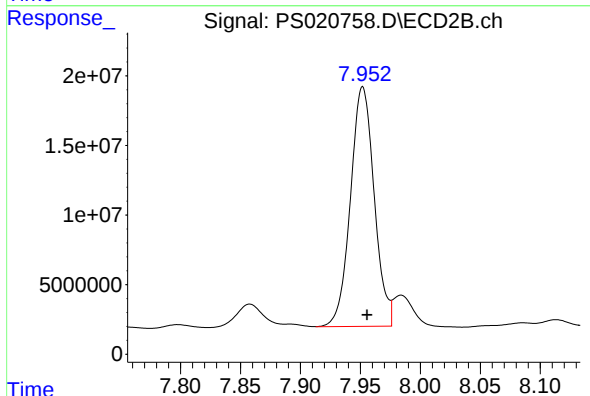
#9 2,4-D

R.T.: 7.369 min
Delta R.T.: 0.000 min
Response: 308338222
Conc: 126.47 ng/ml

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

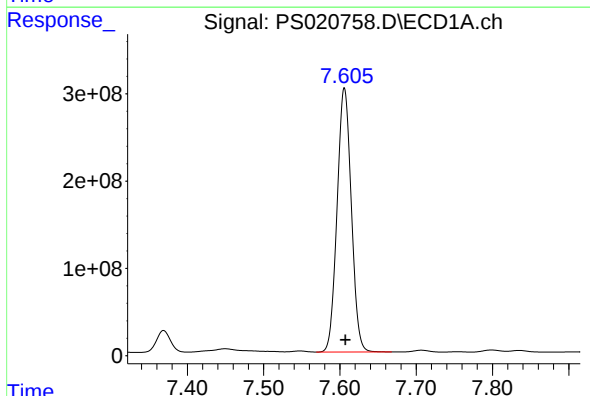
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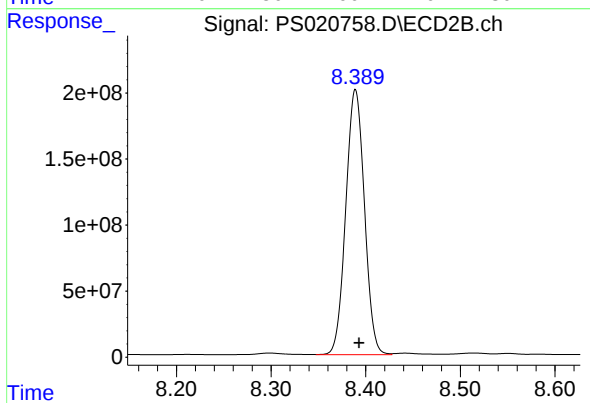
#9 2,4-D

R.T.: 7.952 min
Delta R.T.: -0.004 min
Response: 237587863
Conc: 134.03 ng/ml



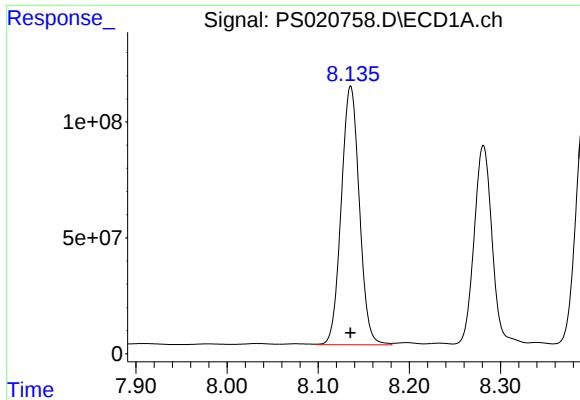
#10 Pentachlorophenol

R.T.: 7.606 min
Delta R.T.: -0.001 min
Response: 3904296514
Conc: 142.19 ng/ml



#10 Pentachlorophenol

R.T.: 8.389 min
Delta R.T.: -0.004 min
Response: 2747909343
Conc: 136.04 ng/ml



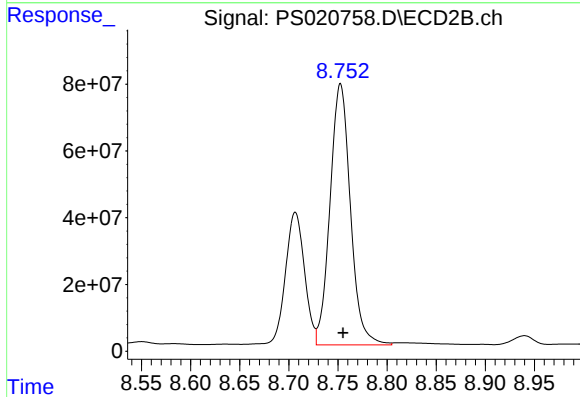
#11 2,4,5-TP (SILVEX)

R.T.: 8.136 min
Delta R.T.: 0.000 min
Response: 1537452083
Conc: 136.37 ng/ml

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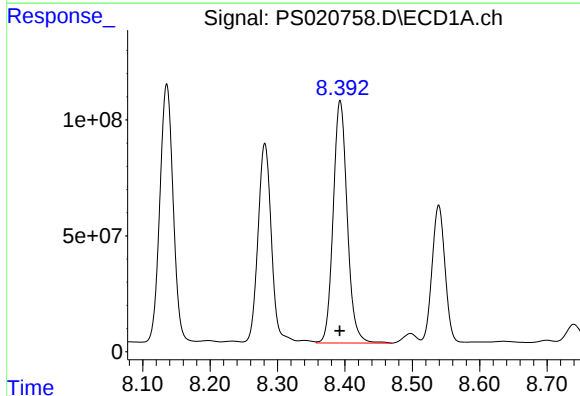
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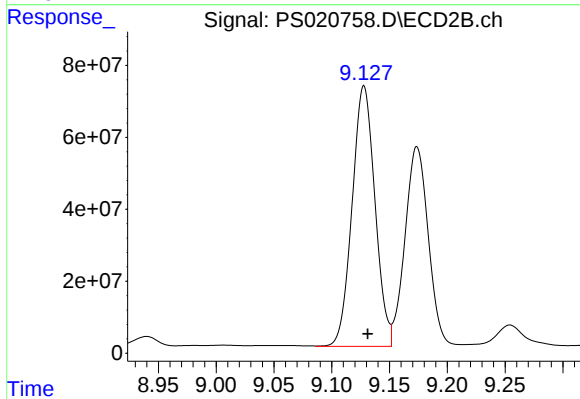
#11 2,4,5-TP (SILVEX)

R.T.: 8.753 min
Delta R.T.: -0.003 min
Response: 1130997662
Conc: 133.49 ng/ml



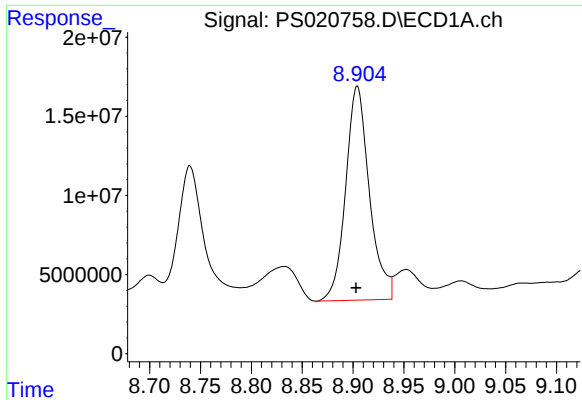
#12 2,4,5-T

R.T.: 8.393 min
Delta R.T.: 0.000 min
Response: 1515459290
Conc: 136.35 ng/ml



#12 2,4,5-T

R.T.: 9.128 min
Delta R.T.: -0.003 min
Response: 995781787
Conc: 122.38 ng/ml



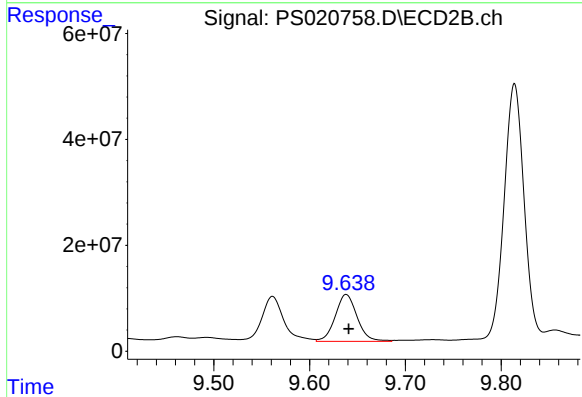
#13 2,4-DB

R.T.: 8.904 min
Delta R.T.: 0.001 min
Response: 219620574
Conc: 96.15 ng/ml

Instrument :
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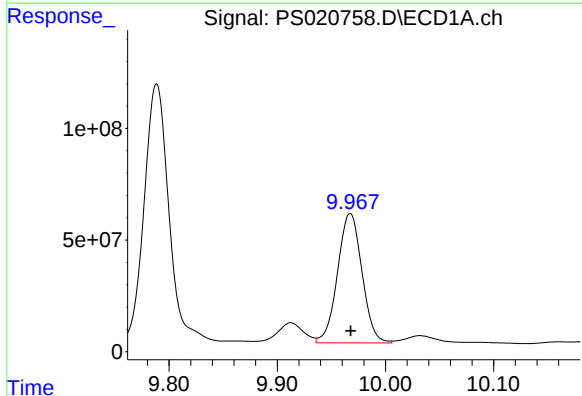
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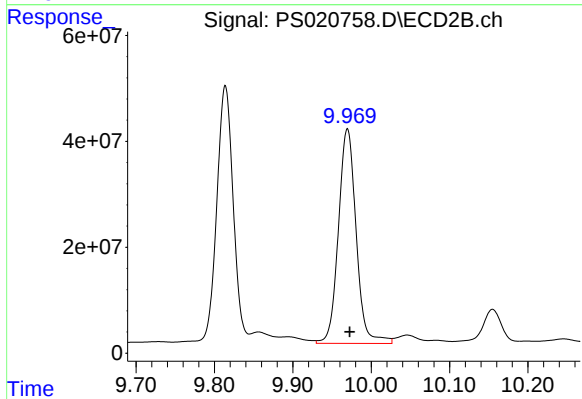
#13 2,4-DB

R.T.: 9.638 min
Delta R.T.: -0.003 min
Response: 140346045
Conc: 125.27 ng/ml



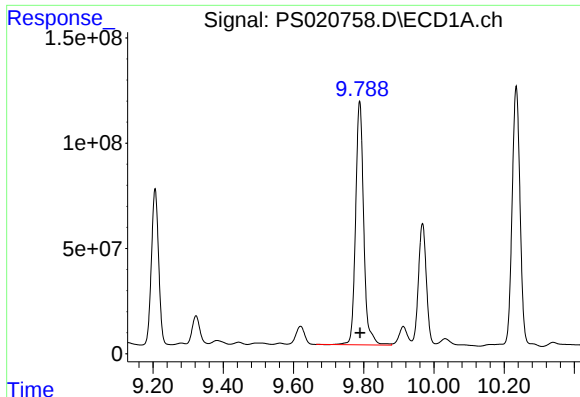
#14 DINOSEB

R.T.: 9.967 min
Delta R.T.: 0.000 min
Response: 909643883
Conc: 111.08 ng/ml



#14 DINOSEB

R.T.: 9.970 min
Delta R.T.: -0.003 min
Response: 638211876
Conc: 105.32 ng/ml



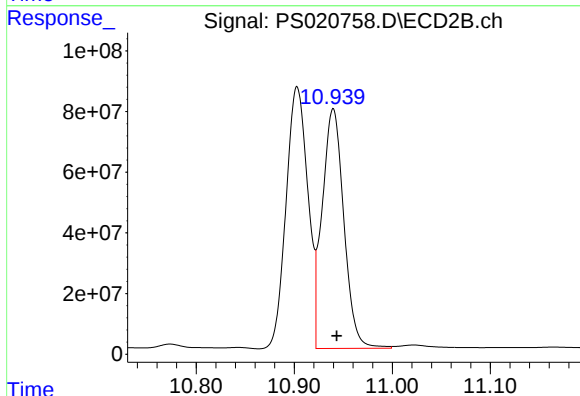
#15 Picloram

R.T.: 9.789 min
Delta R.T.: 0.000 min
Response: 1855283762
Conc: 111.40 ng/ml

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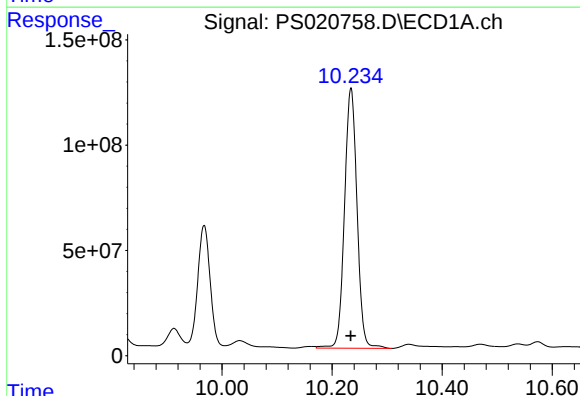
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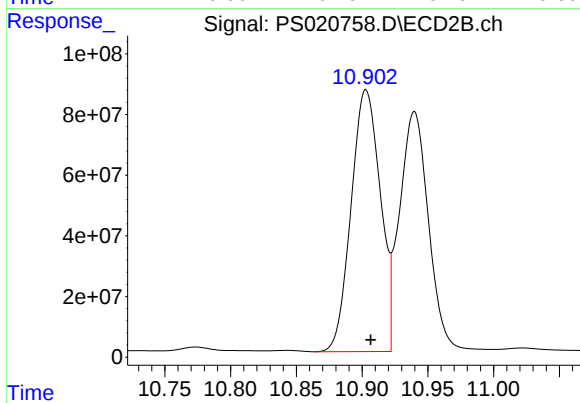
#15 Picloram

R.T.: 10.940 min
Delta R.T.: -0.003 min
Response: 1213165266
Conc: 102.92 ng/ml



#16 DCPA

R.T.: 10.234 min
Delta R.T.: 0.000 min
Response: 1954477875
Conc: 140.49 ng/ml



#16 DCPA

R.T.: 10.903 min
Delta R.T.: -0.004 min
Response: 1334947743
Conc: 129.94 ng/ml