

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100423\
 Data File : PS024547.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2023 00:31
 Operator : AR\AJ
 Sample : 04699-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2023

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/05/2023
 Supervised By : Ankita Jodhani 10/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 04:48:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100323.M
 Quant Title : 8080.M
 QLast Update : Tue Oct 03 14:54:54 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 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	6.358	6.782	974.5E6	328.7E6	473.654	475.428
Target Compounds							
1) T	Dalapon	2.473	2.541	246.0E6	120.8E6	99.573m	107.977m
2) T	3,5-DICHL...	5.733	5.968	438.9E6	137.8E6	139.933	126.831
3) T	4-Nitroph...	6.197	6.396	150.8E6	46071009	111.394m	101.003m
5) T	DICAMBA	6.500	6.943	1147.0E6	345.8E6	127.857	116.774
6) T	MCPD	6.648	7.037	58049726	22098075	9.163	11.214
7) T	MCPA	6.770	7.243	84583907	50864037	9.490	15.874 #
8) T	DICHLORPROP	7.087	7.559	328.7E6	115.3E6	139.834	153.254
9) T	2,4-D	7.284	7.842	397.0E6	132.2E6	143.688	143.596
10) T	Pentachlo...	7.513	8.266	4805.7E6	1453.8E6	147.800	133.423
11) T	2,4,5-TP ...	8.034	8.624	1918.5E6	532.9E6	138.469	125.649
12) T	2,4,5-T	8.289	8.995	1807.8E6	517.4E6	138.371	125.466
13) T	2,4-DB	8.795	9.498	298.0E6	69327317	145.884	136.048
14) T	DINOSEB	9.846	9.825	1288.0E6	360.0E6	126.000	116.082
15) T	Picloram	9.673	10.777	1989.2E6	651.5E6	114.084	104.831
16) T	DCPA	10.111	10.749	2413.5E6	581.7E6	141.781m	111.498

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

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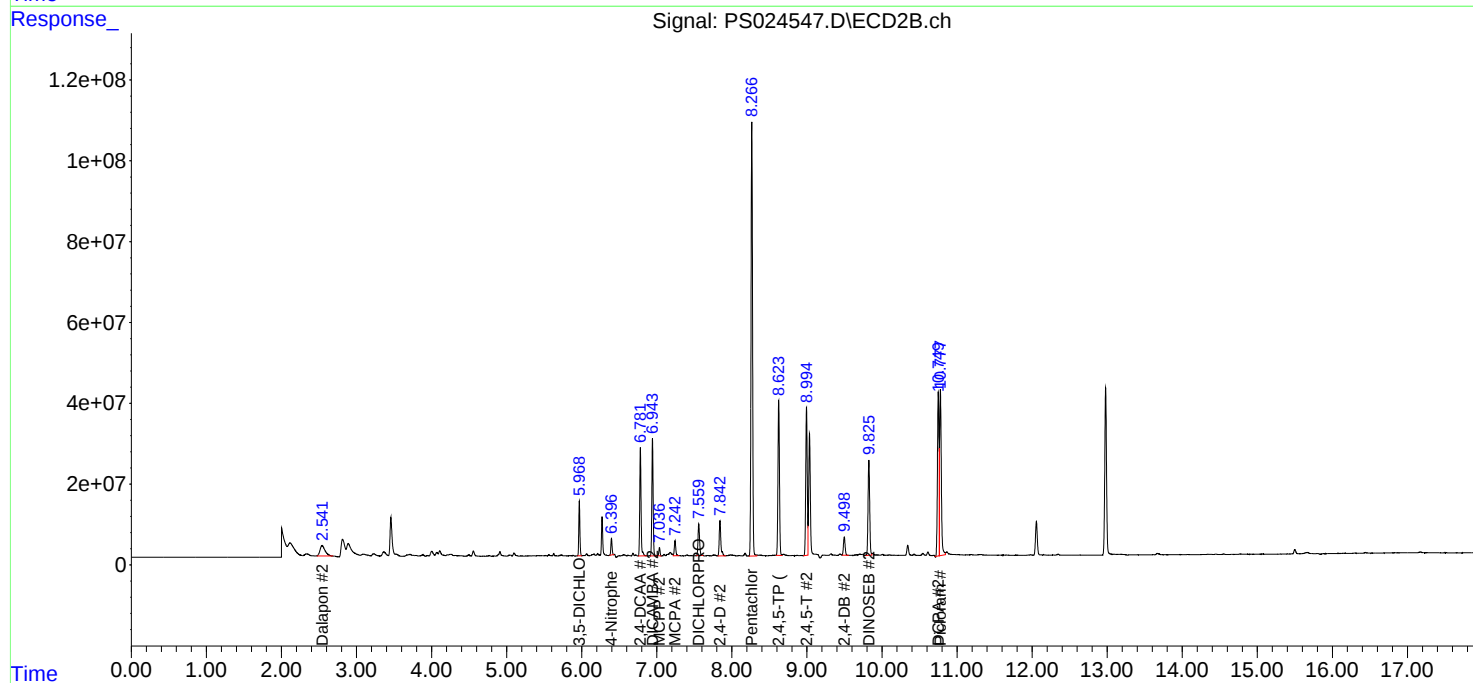
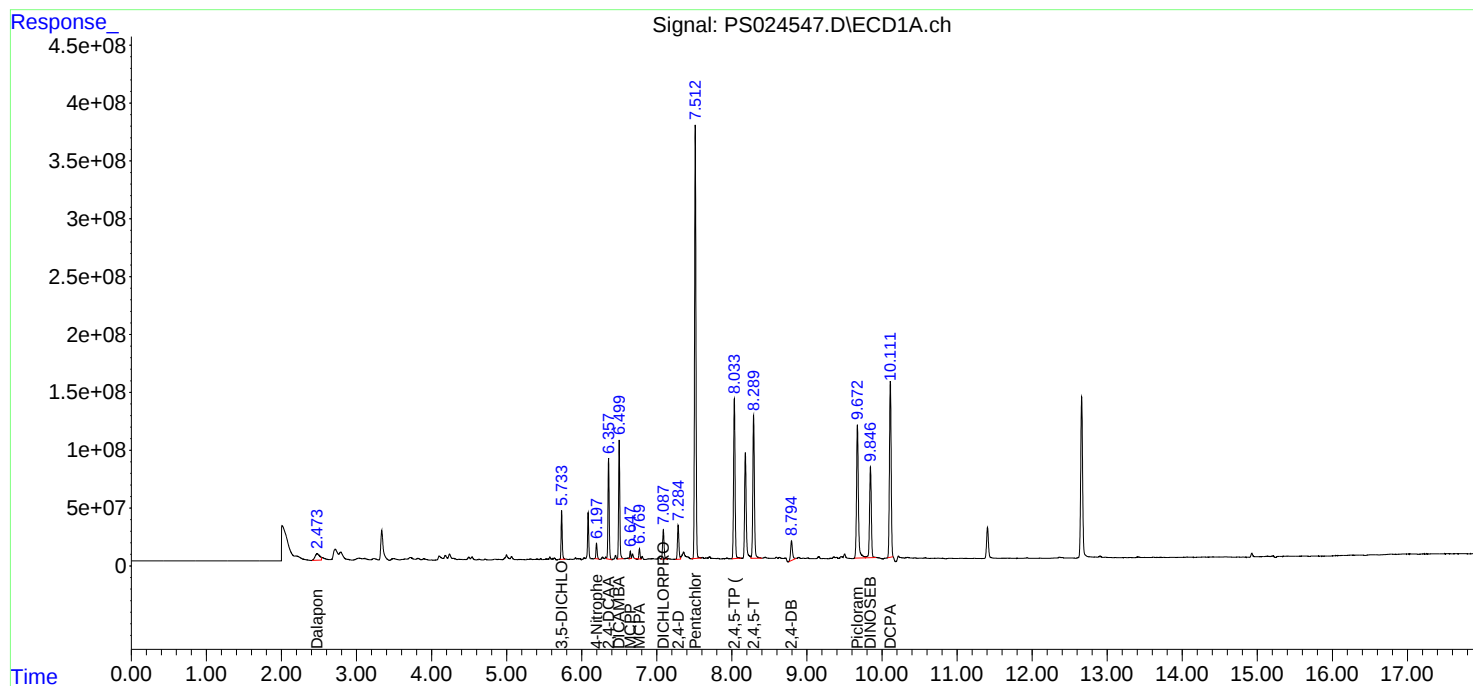
Instrument :
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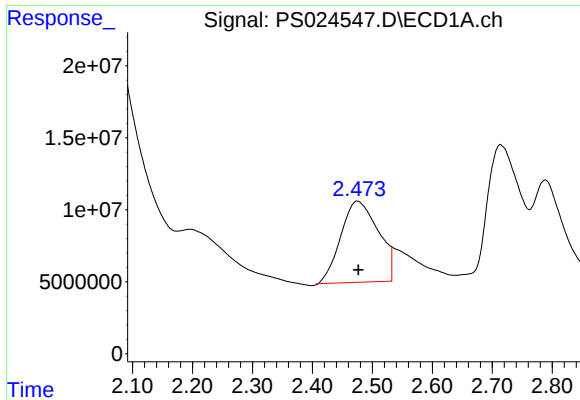
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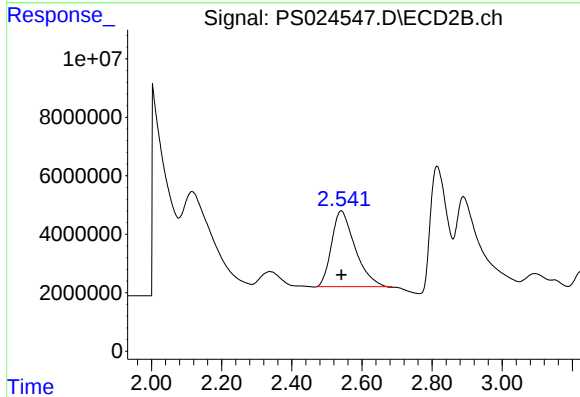
#1 Dalapon

R.T.: 2.473 min
Delta R.T.: -0.004 min
Response: 246001194
Conc: 99.57 ng/ml

Instrument :
ECD_S
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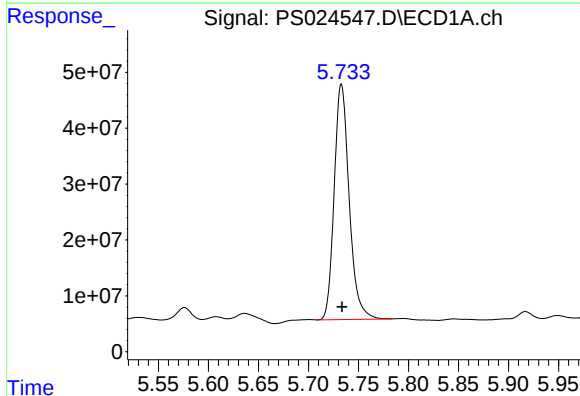
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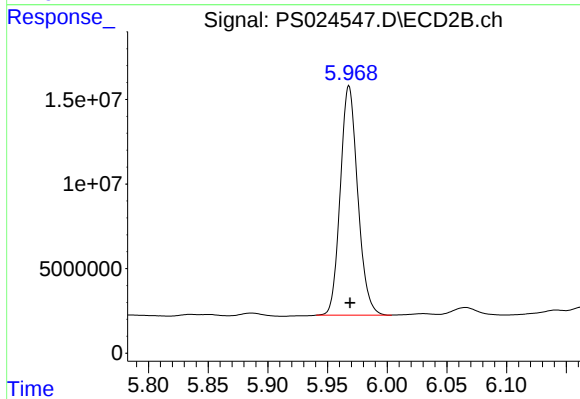
#1 Dalapon

R.T.: 2.541 min
Delta R.T.: -0.001 min
Response: 120840929
Conc: 107.98 ng/ml m



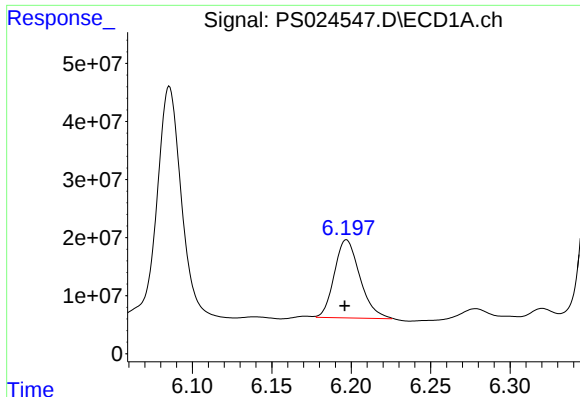
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 438939547
Conc: 139.93 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 137827609
Conc: 126.83 ng/ml



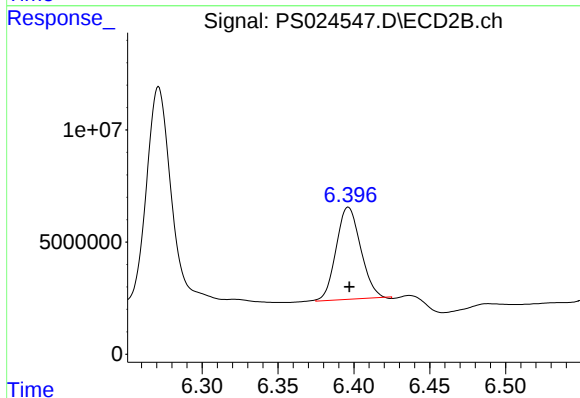
#3 4-Nitrophenol

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 150791427
Conc: 111.39 ng/ml

Instrument :
ECD_S
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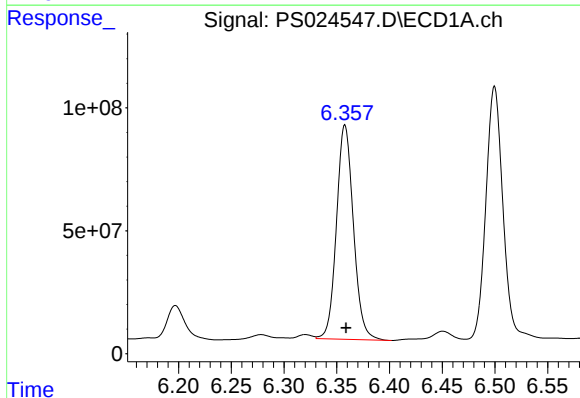
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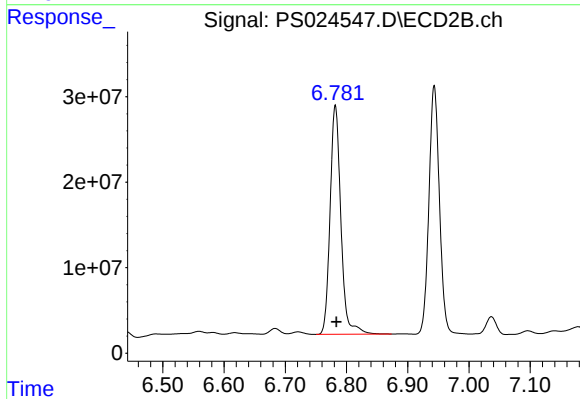
#3 4-Nitrophenol

R.T.: 6.396 min
Delta R.T.: -0.001 min
Response: 46071009
Conc: 101.00 ng/ml m



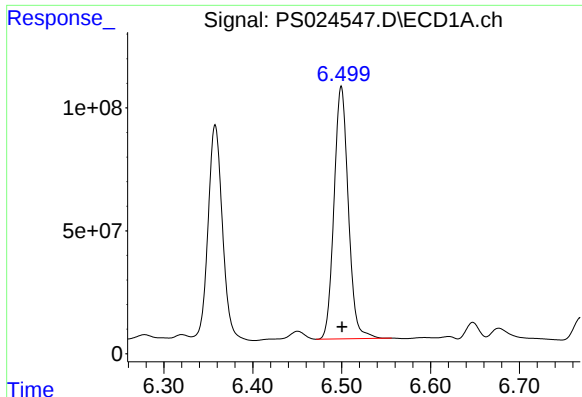
#4 2,4-DCAA

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 974461932
Conc: 473.65 ng/ml



#4 2,4-DCAA

R.T.: 6.782 min
Delta R.T.: -0.002 min
Response: 328659135
Conc: 475.43 ng/ml



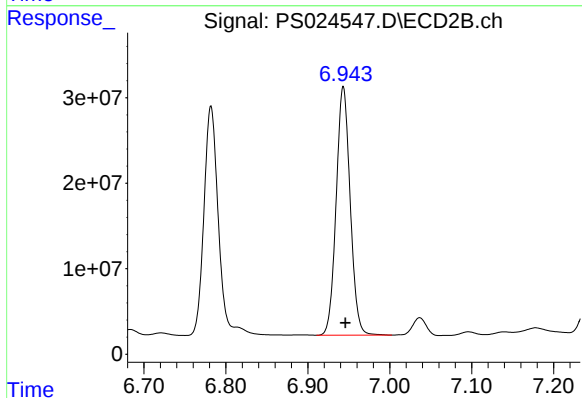
#5 DICAMBA

R.T.: 6.500 min
Delta R.T.: -0.001 min
Response: 1146955551
Conc: 127.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
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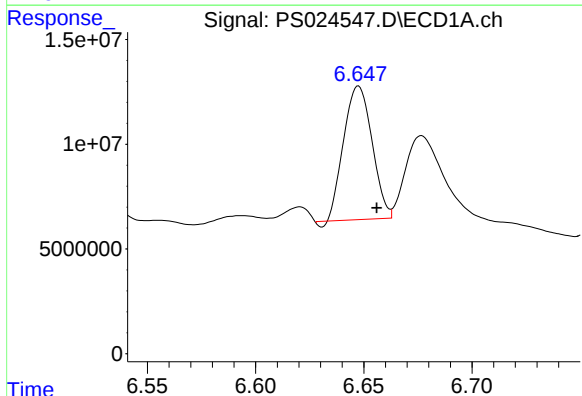
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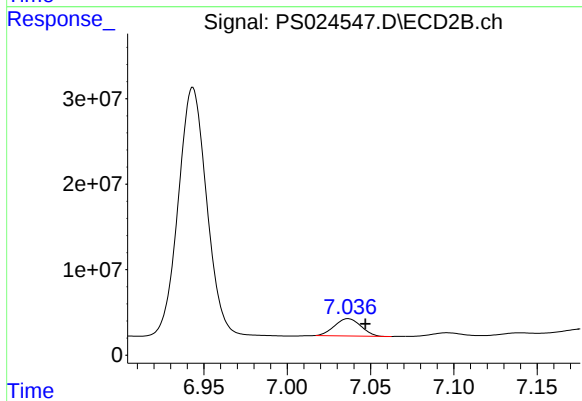
#5 DICAMBA

R.T.: 6.943 min
Delta R.T.: -0.002 min
Response: 345801984
Conc: 116.77 ng/ml



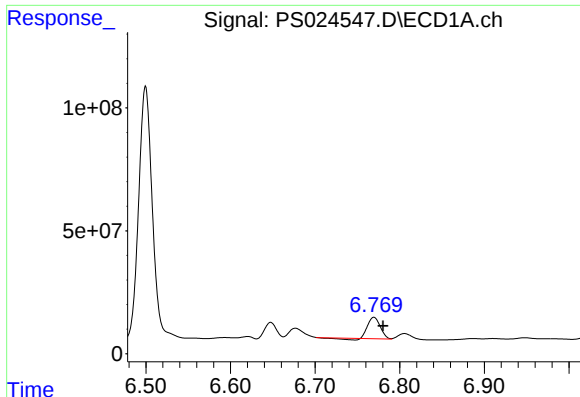
#6 MCP

R.T.: 6.648 min
Delta R.T.: -0.008 min
Response: 58049726
Conc: 9.16 ug/ml



#6 MCP

R.T.: 7.037 min
Delta R.T.: -0.010 min
Response: 22098075
Conc: 11.21 ug/ml



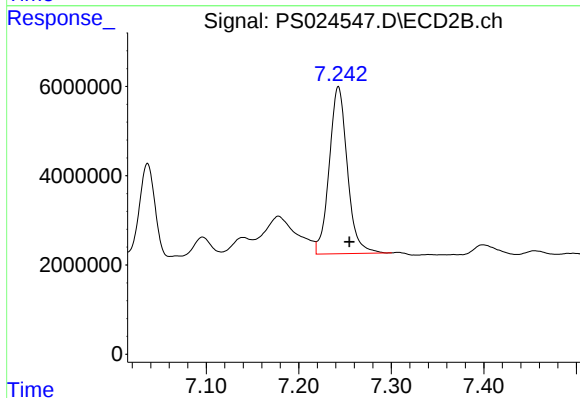
#7 MCPA

R.T.: 6.770 min
Delta R.T.: -0.011 min
Response: 84583907
Conc: 9.49 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

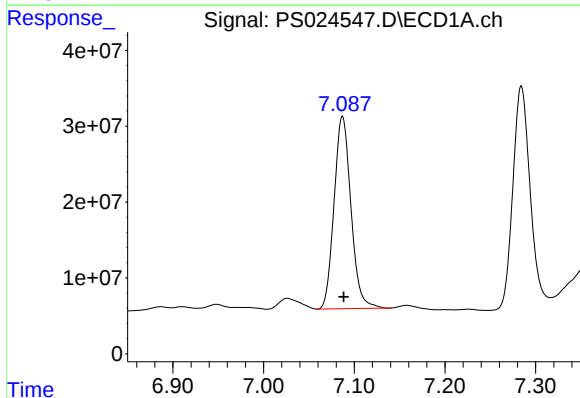
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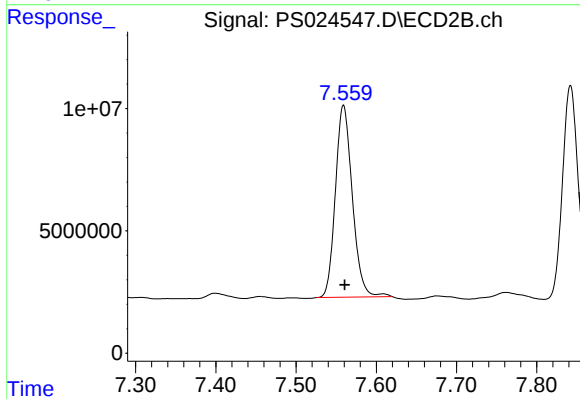
#7 MCPA

R.T.: 7.243 min
Delta R.T.: -0.012 min
Response: 50864037
Conc: 15.87 ug/ml



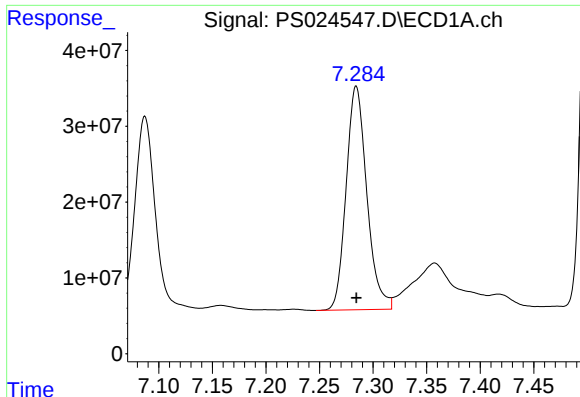
#8 DICHLORPROP

R.T.: 7.087 min
Delta R.T.: -0.001 min
Response: 328719837
Conc: 139.83 ng/ml



#8 DICHLORPROP

R.T.: 7.559 min
Delta R.T.: -0.002 min
Response: 115253418
Conc: 153.25 ng/ml



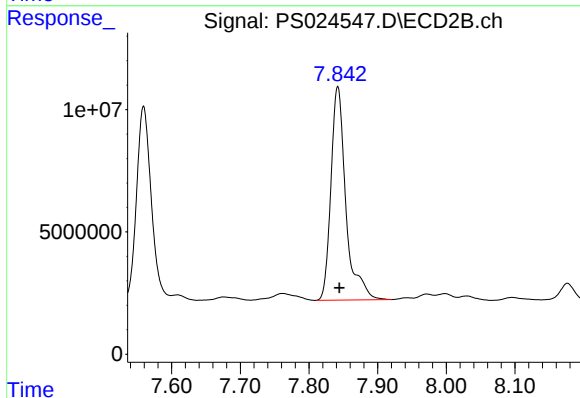
#9 2,4-D

R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 397009156
Conc: 143.69 ng/ml

Instrument :
ECD_S
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LOD-MDL-SOIL-01-QT4-2023

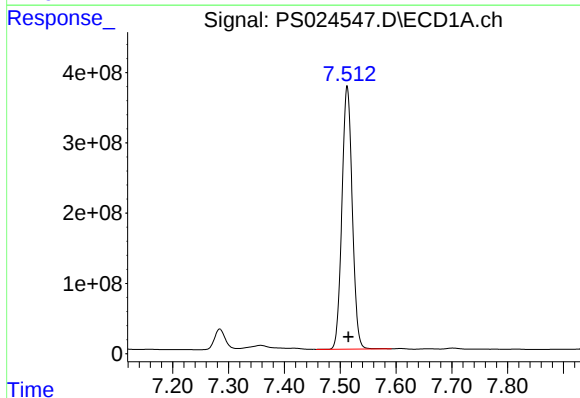
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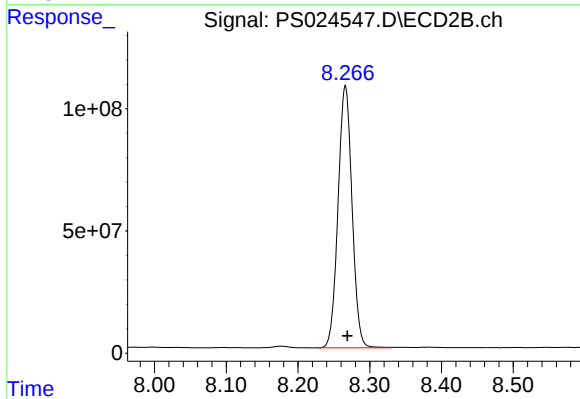
#9 2,4-D

R.T.: 7.842 min
Delta R.T.: -0.002 min
Response: 132173755
Conc: 143.60 ng/ml



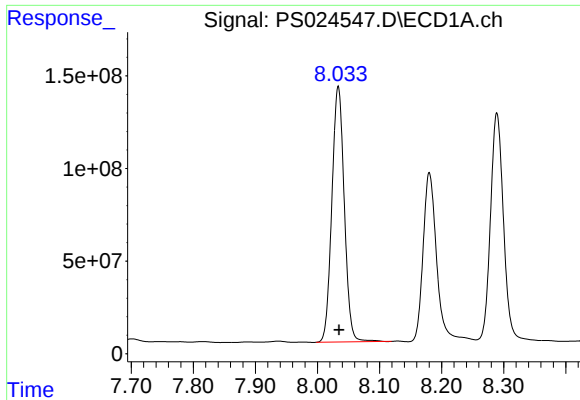
#10 Pentachlorophenol

R.T.: 7.513 min
Delta R.T.: -0.002 min
Response: 4805702206
Conc: 147.80 ng/ml



#10 Pentachlorophenol

R.T.: 8.266 min
Delta R.T.: -0.003 min
Response: 1453804174
Conc: 133.42 ng/ml



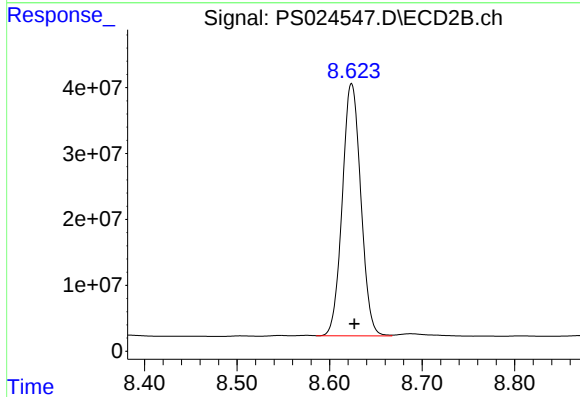
#11 2,4,5-TP (SILVEX)

R.T.: 8.034 min
Delta R.T.: -0.002 min
Response: 1918502089
Conc: 138.47 ng/ml

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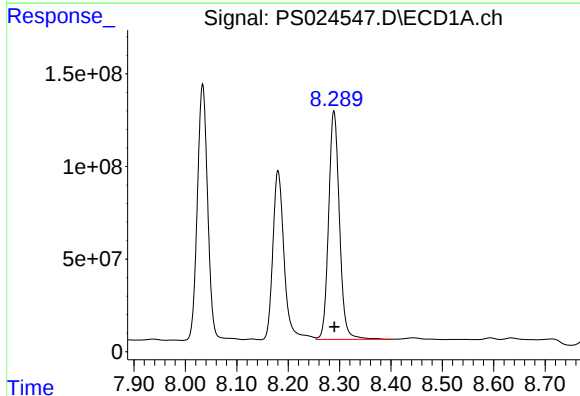
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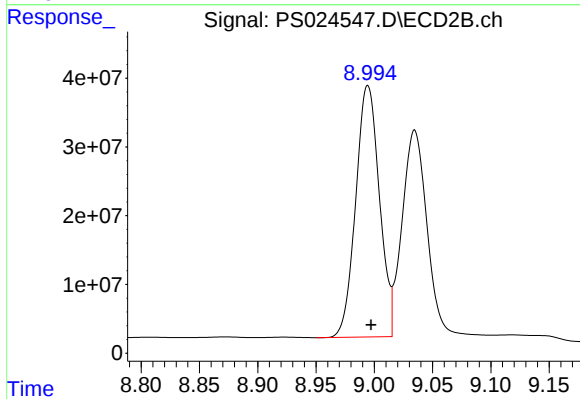
#11 2,4,5-TP (SILVEX)

R.T.: 8.624 min
Delta R.T.: -0.003 min
Response: 532890563
Conc: 125.65 ng/ml



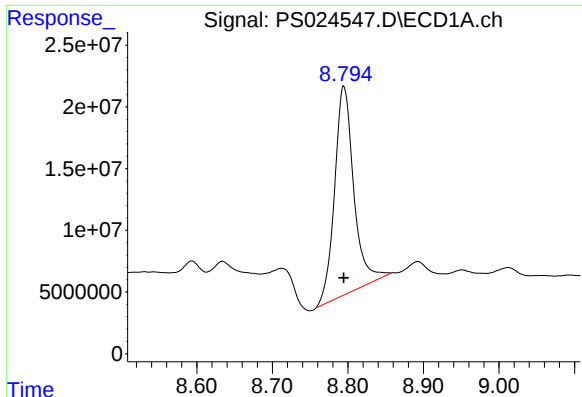
#12 2,4,5-T

R.T.: 8.289 min
Delta R.T.: 0.000 min
Response: 1807848988
Conc: 138.37 ng/ml



#12 2,4,5-T

R.T.: 8.995 min
Delta R.T.: -0.003 min
Response: 517361700
Conc: 125.47 ng/ml



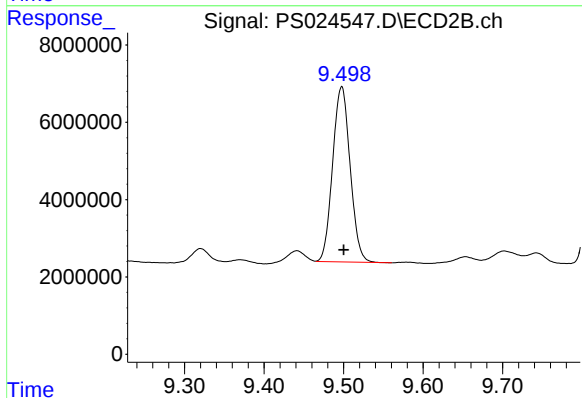
#13 2,4-DB

R.T.: 8.795 min
Delta R.T.: 0.000 min
Response: 298033891
Conc: 145.88 ng/ml

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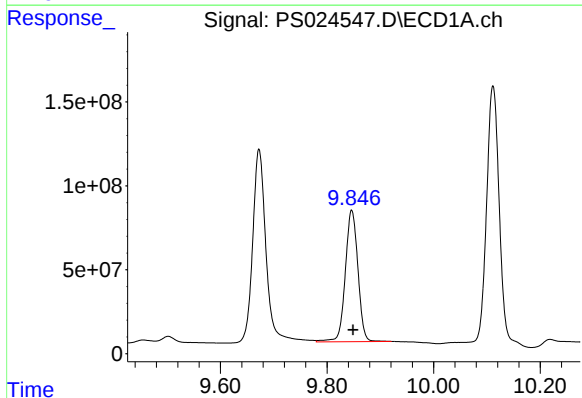
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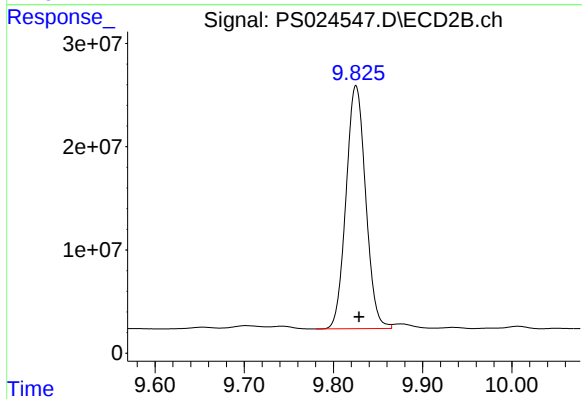
#13 2,4-DB

R.T.: 9.498 min
Delta R.T.: -0.003 min
Response: 69327317
Conc: 136.05 ng/ml



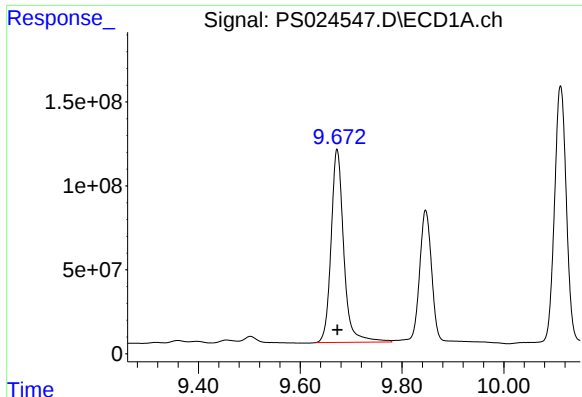
#14 DINOSEB

R.T.: 9.846 min
Delta R.T.: -0.002 min
Response: 1288039328
Conc: 126.00 ng/ml



#14 DINOSEB

R.T.: 9.825 min
Delta R.T.: -0.003 min
Response: 359975138
Conc: 116.08 ng/ml



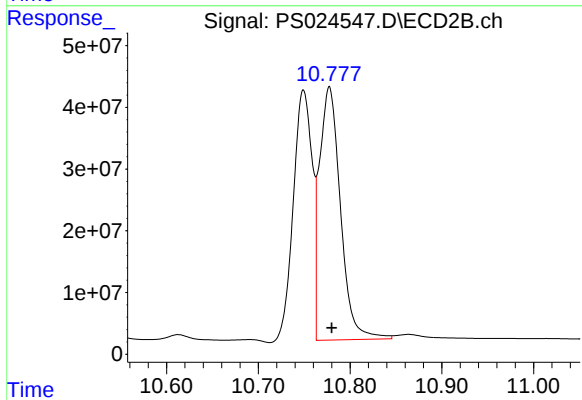
#15 Picloram

R.T.: 9.673 min
Delta R.T.: 0.000 min
Response: 1989209171
Conc: 114.08 ng/ml

Instrument :
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ClientSampleId :
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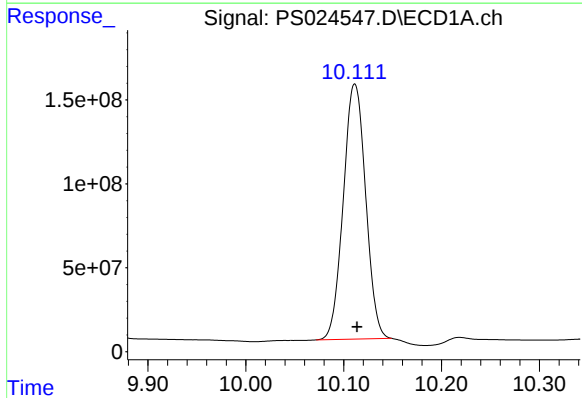
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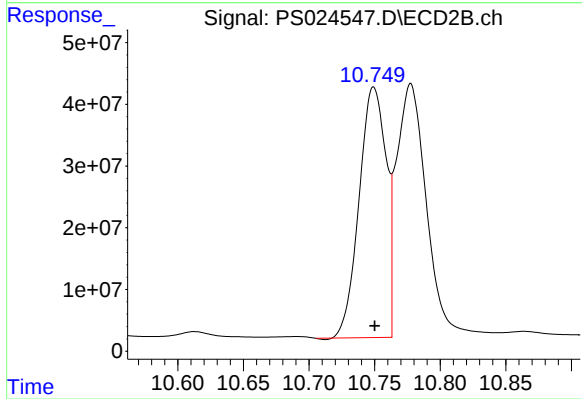
#15 Picloram

R.T.: 10.777 min
Delta R.T.: -0.003 min
Response: 651459461
Conc: 104.83 ng/ml



#16 DCPA

R.T.: 10.111 min
Delta R.T.: -0.003 min
Response: 2413508371
Conc: 141.78 ng/ml m



#16 DCPA

R.T.: 10.749 min
Delta R.T.: 0.000 min
Response: 581733016
Conc: 111.50 ng/ml