

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100423\
 Data File : PS024546.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2023 00:07
 Operator : AR\AJ
 Sample : 04699-01
 Misc :
 ALS Vial : 15 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 04:47:58 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 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	6.358	6.782	892.8E6	294.2E6	433.948	425.609
Target Compounds							
1) T	Dalapon	2.472	2.536	186.1E6	86993725	75.318m	77.733m
2) T	3,5-DICHL...	5.733	5.968	262.9E6	84164020	83.821	77.449
3) T	4-Nitroph...	6.198	6.397	120.6E6	30671115	89.086	67.241m
5) T	DICAMBA	6.500	6.943	714.3E6	211.7E6	79.630	71.474
6) T	MCP	6.647	7.037	34330604	12501110	5.419m	6.344
7) T	MCPA	6.769	7.242	61191949	38593644	6.866m	12.044 #
8) T	DICHLORPROP	7.087	7.560	214.1E6	85906615	91.077	114.231 #
9) T	2,4-D	7.284	7.842	257.1E6	84452249	93.058	91.750
10) T	Pentachlo...	7.513	8.266	2983.3E6	885.6E6	91.752	81.274
11) T	2,4,5-TP ...	8.034	8.624	1229.8E6	332.1E6	88.759	78.298
12) T	2,4,5-T	8.289	8.995	1157.0E6	322.1E6	88.552	78.101
13) T	2,4-DB	8.795	9.498	197.4E6	44442051	96.607	87.213
14) T	DINOSEB	9.846	9.826	803.6E6	222.1E6	78.606	71.631
15) T	Picloram	9.673	10.777	1334.2E6	434.7E6	76.519	69.951
16) T	DCPA	10.110	10.749	1592.0E6	365.1E6	93.524m	69.985 #

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

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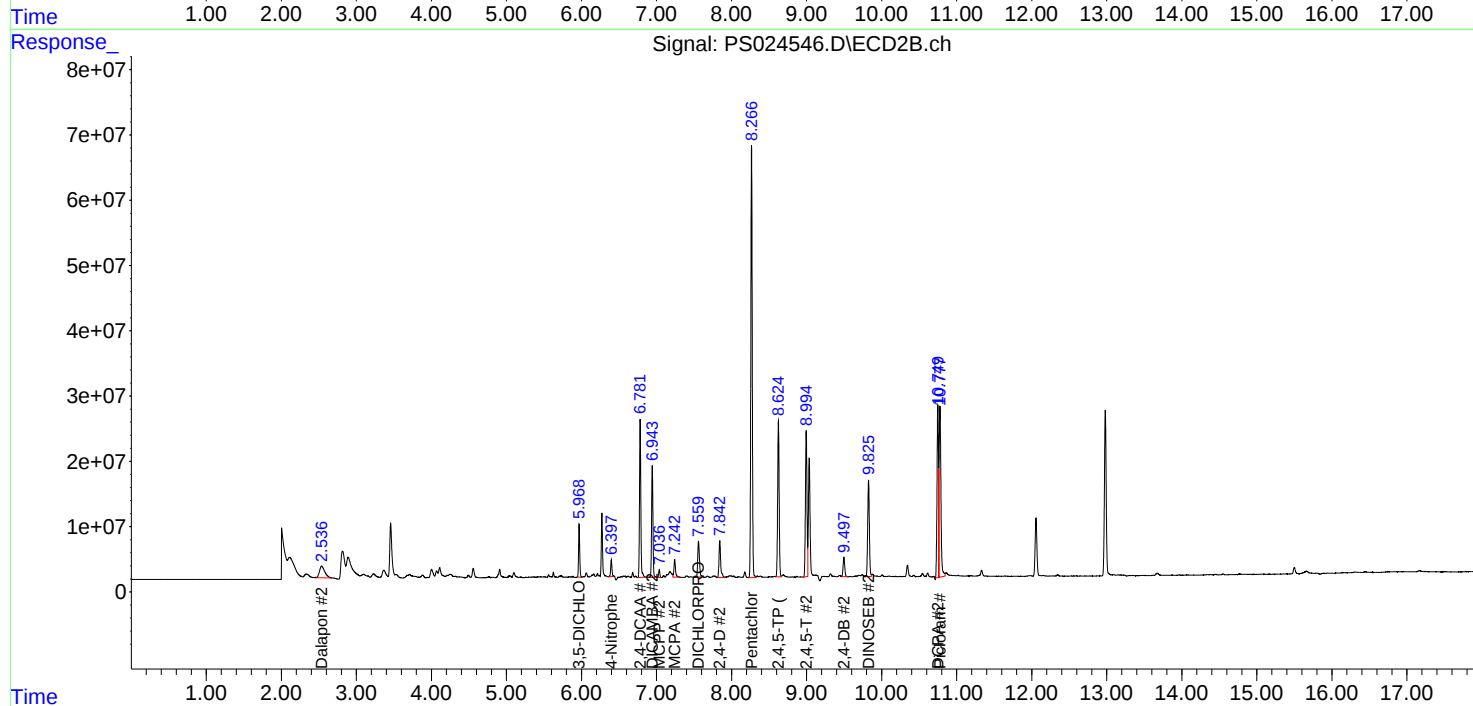
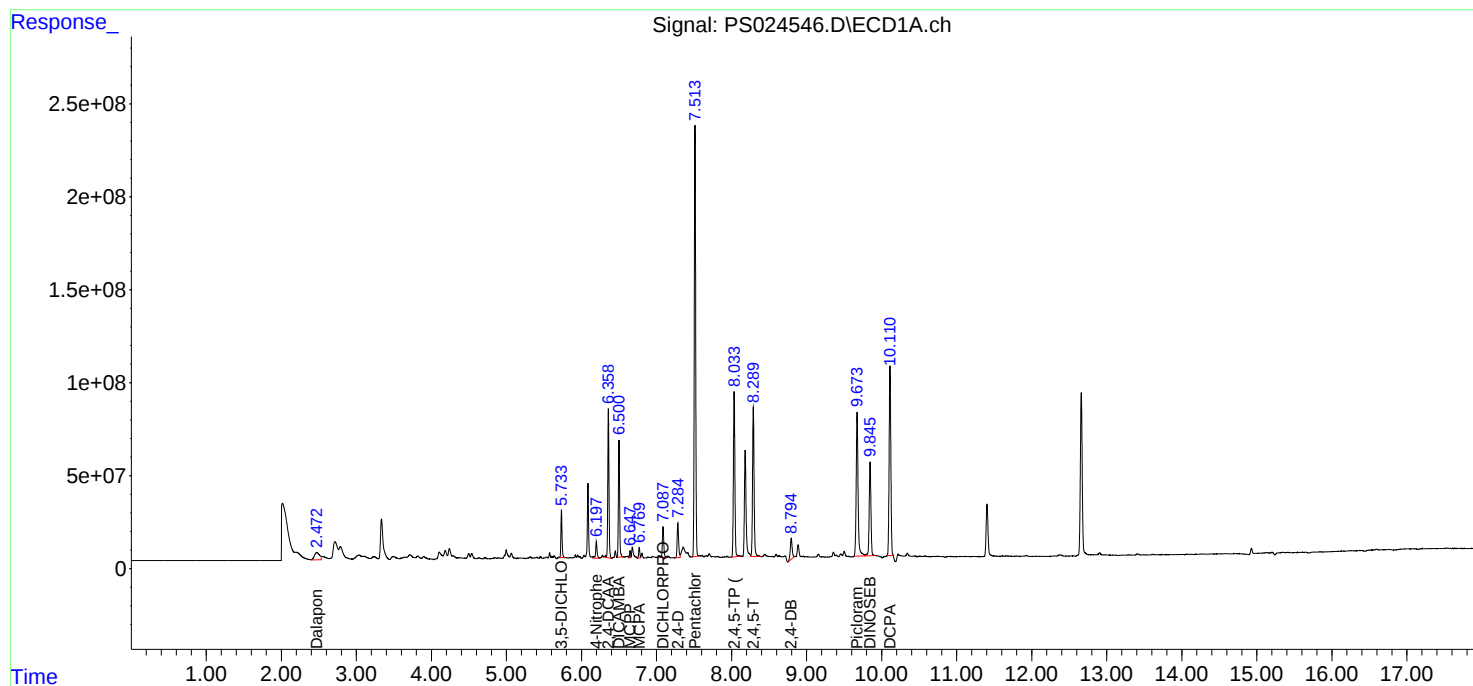
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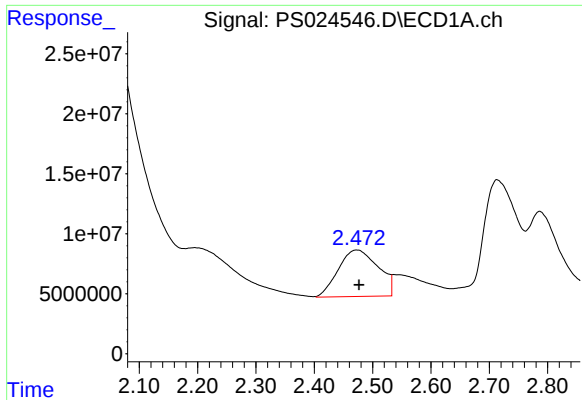
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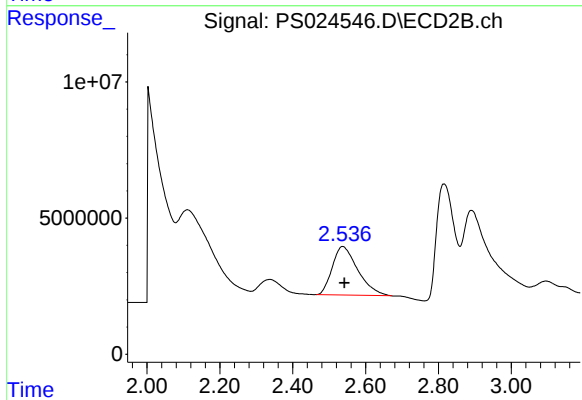
#1 Dalapon

R.T.: 2.472 min
Delta R.T.: -0.005 min
Response: 186077023
Conc: 75.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
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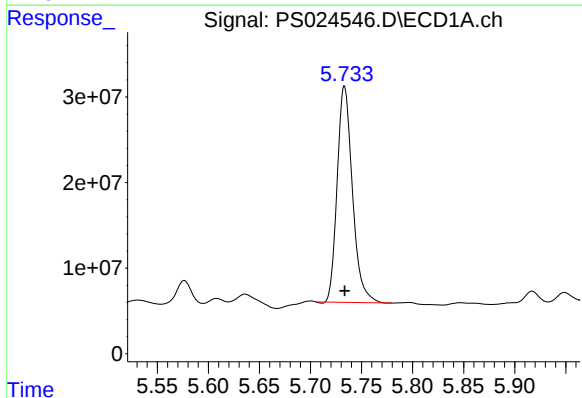
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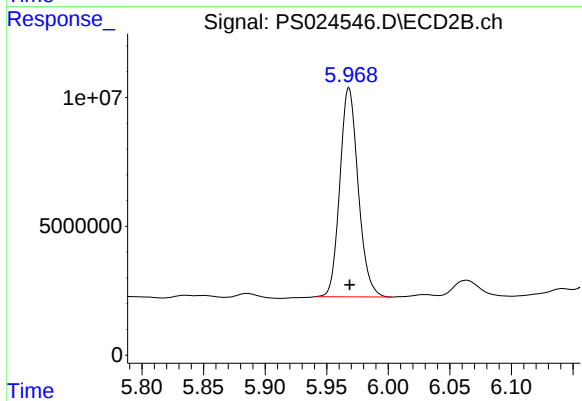
#1 Dalapon

R.T.: 2.536 min
Delta R.T.: -0.006 min
Response: 86993725
Conc: 77.73 ng/ml m



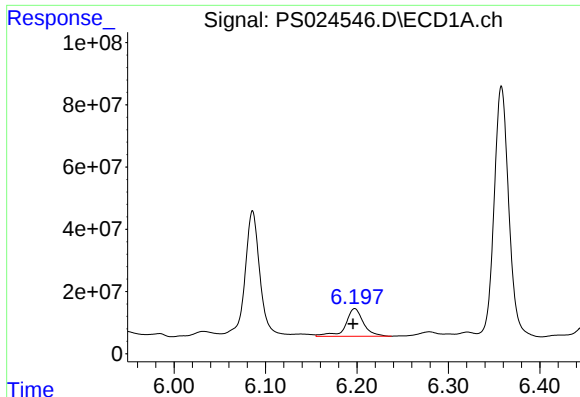
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 262929561
Conc: 83.82 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 84164020
Conc: 77.45 ng/ml



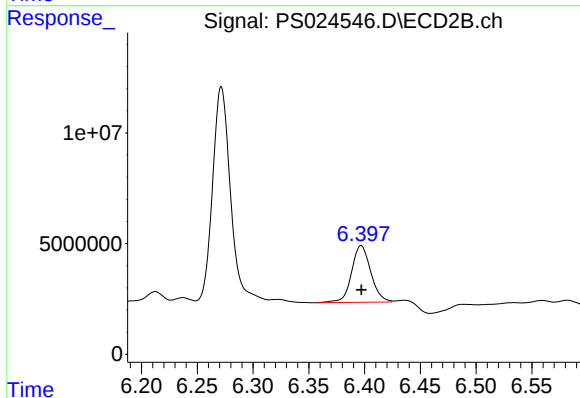
#3 4-Nitrophenol

R.T.: 6.198 min
Delta R.T.: 0.002 min
Response: 120593788
Conc: 89.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
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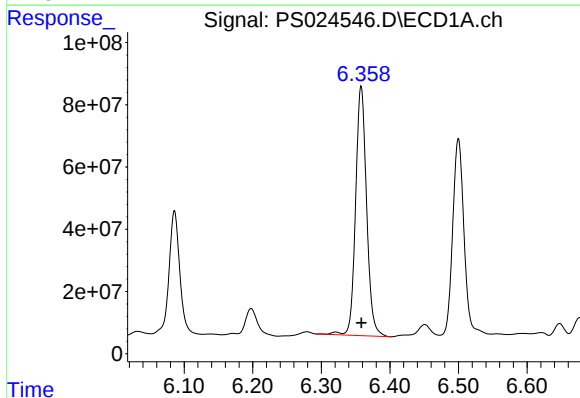
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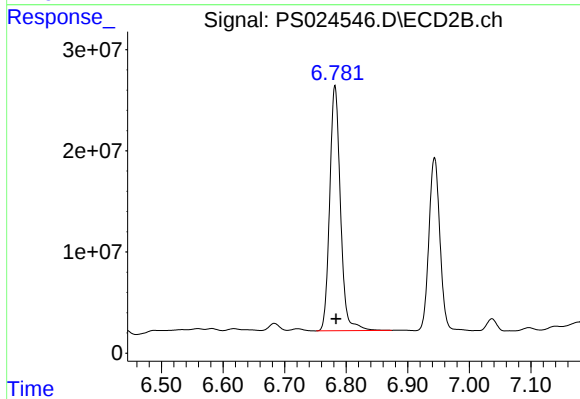
#3 4-Nitrophenol

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 30671115
Conc: 67.24 ng/ml m



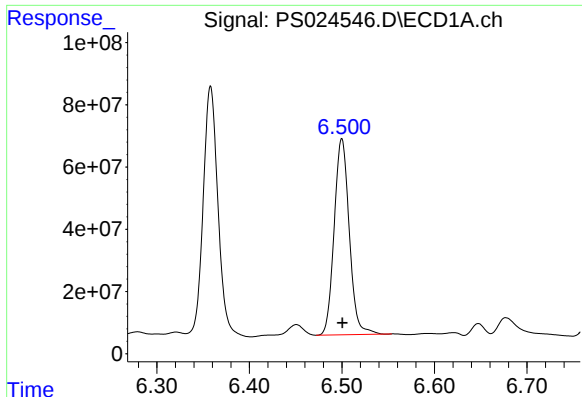
#4 2,4-DCAA

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 892773440
Conc: 433.95 ng/ml



#4 2,4-DCAA

R.T.: 6.782 min
Delta R.T.: -0.002 min
Response: 294219401
Conc: 425.61 ng/ml



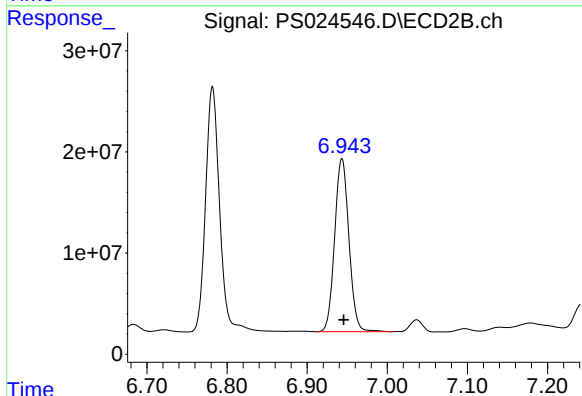
#5 DICAMBA

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 714330582
Conc: 79.63 ng/ml

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

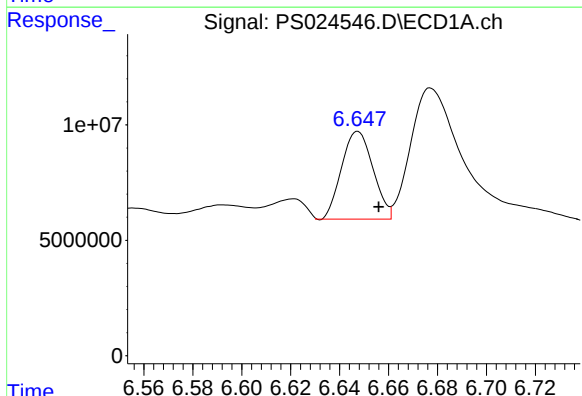
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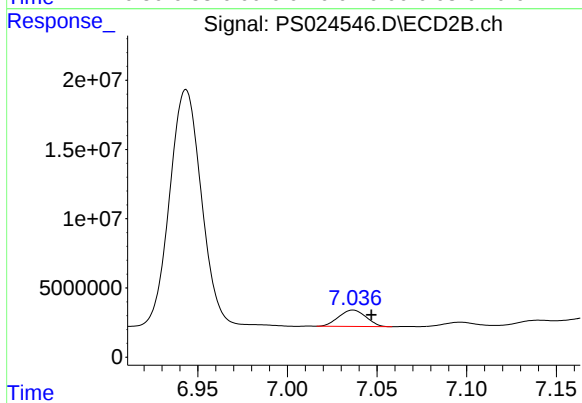
#5 DICAMBA

R.T.: 6.943 min
Delta R.T.: -0.002 min
Response: 211654589
Conc: 71.47 ng/ml



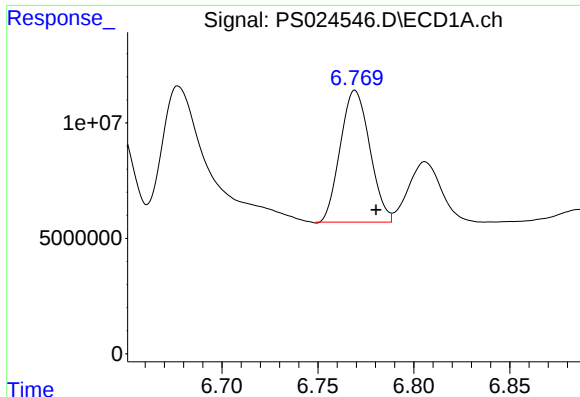
#6 MCPP

R.T.: 6.647 min
Delta R.T.: -0.009 min
Response: 34330604
Conc: 5.42 ug/ml m



#6 MCPP

R.T.: 7.037 min
Delta R.T.: -0.010 min
Response: 12501110
Conc: 6.34 ug/ml



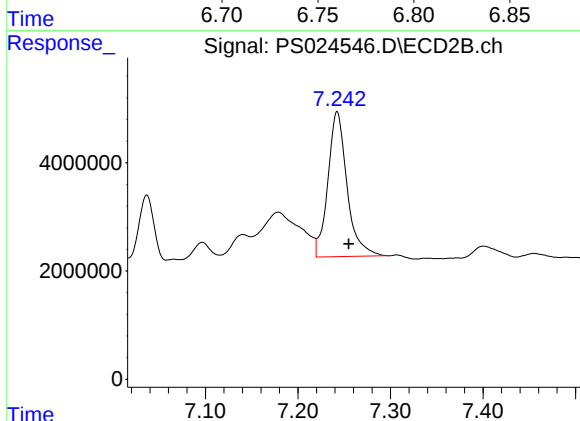
#7 MCPA

R.T.: 6.769 min
Delta R.T.: -0.011 min
Response: 61191949
Conc: 6.87 ug/ml

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

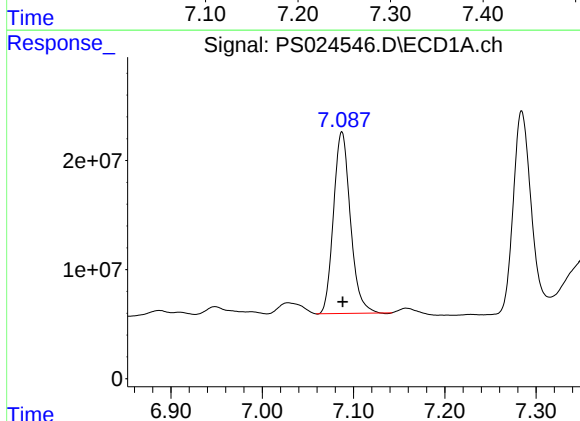
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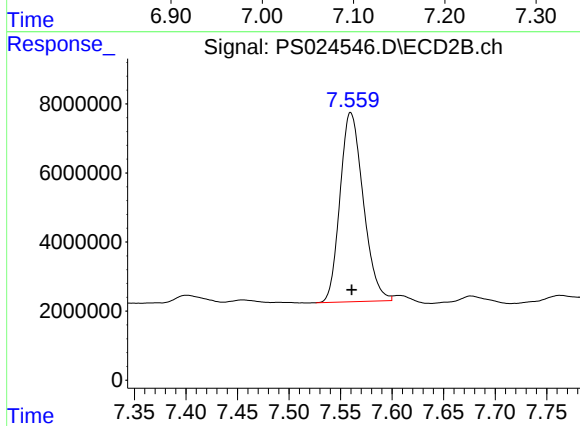
#7 MCPA

R.T.: 7.242 min
Delta R.T.: -0.013 min
Response: 38593644
Conc: 12.04 ug/ml



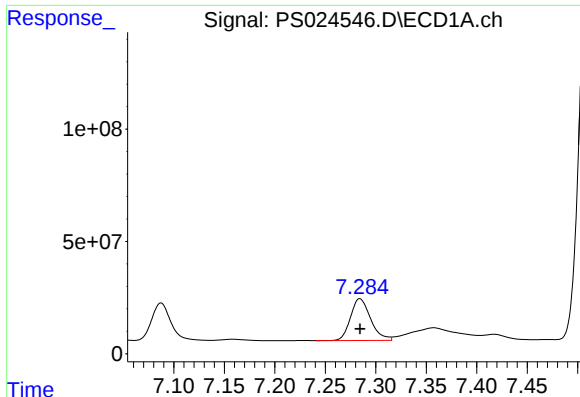
#8 DICHLORPROP

R.T.: 7.087 min
Delta R.T.: 0.000 min
Response: 214101235
Conc: 91.08 ng/ml



#8 DICHLORPROP

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 85906615
Conc: 114.23 ng/ml



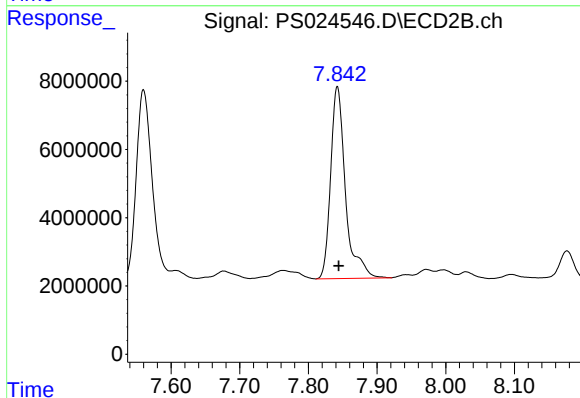
#9 2,4-D

R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 257118865
Conc: 93.06 ng/ml

Instrument :
ECD_S
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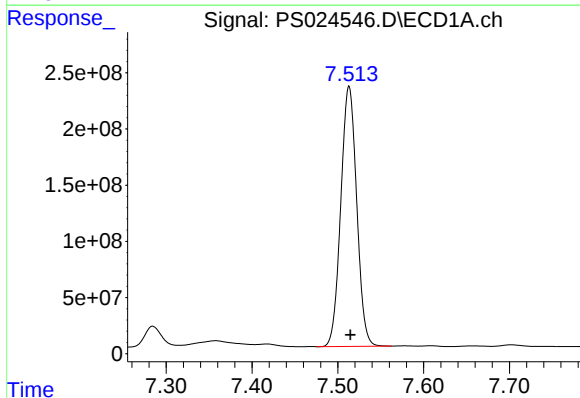
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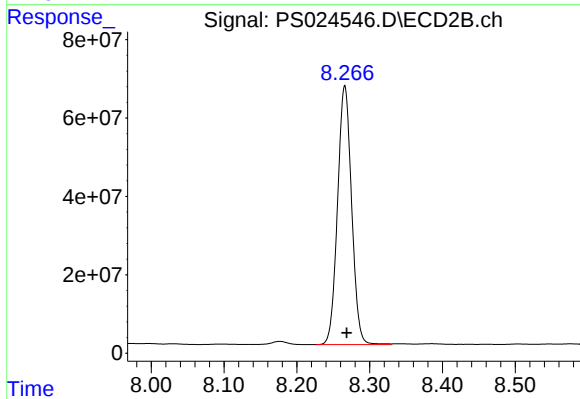
#9 2,4-D

R.T.: 7.842 min
Delta R.T.: -0.002 min
Response: 84452249
Conc: 91.75 ng/ml



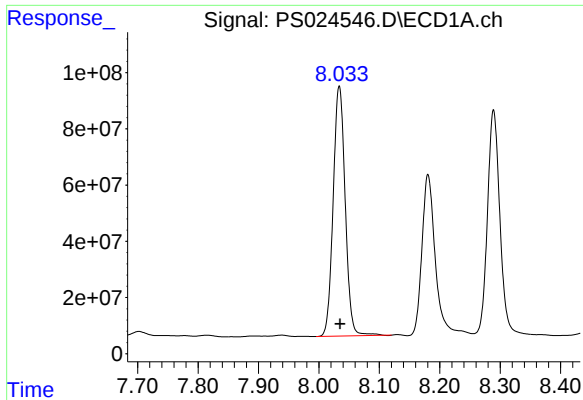
#10 Pentachlorophenol

R.T.: 7.513 min
Delta R.T.: -0.001 min
Response: 2983303601
Conc: 91.75 ng/ml



#10 Pentachlorophenol

R.T.: 8.266 min
Delta R.T.: -0.003 min
Response: 885579475
Conc: 81.27 ng/ml



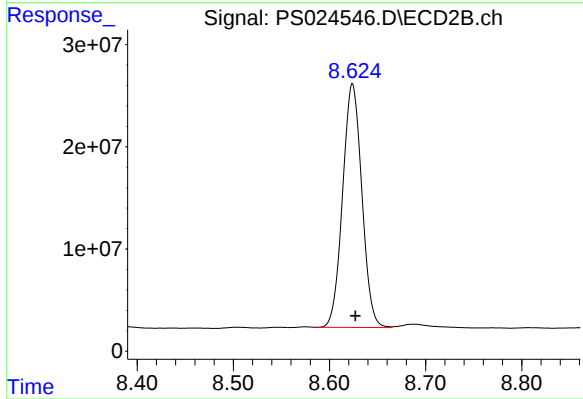
#11 2,4,5-TP (SILVEX)

R.T.: 8.034 min
Delta R.T.: -0.001 min
Response: 1229758638
Conc: 88.76 ng/ml

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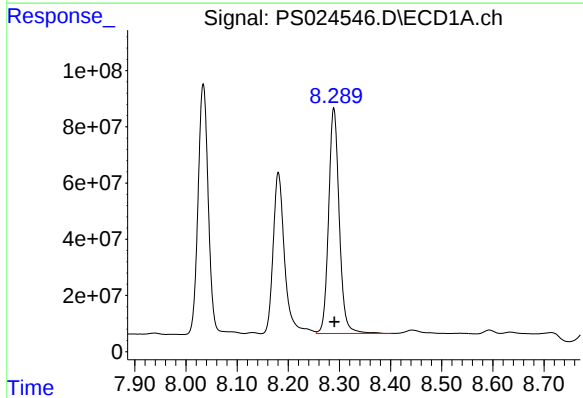
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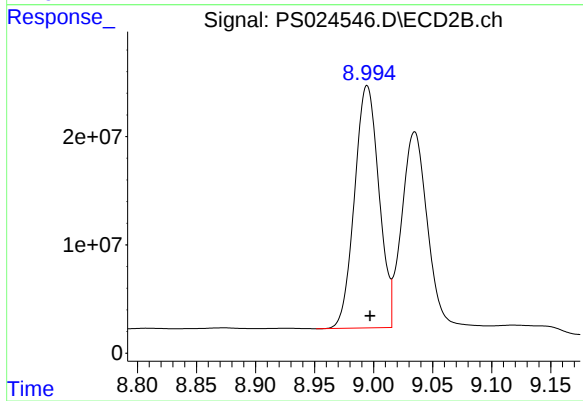
#11 2,4,5-TP (SILVEX)

R.T.: 8.624 min
Delta R.T.: -0.003 min
Response: 332069945
Conc: 78.30 ng/ml



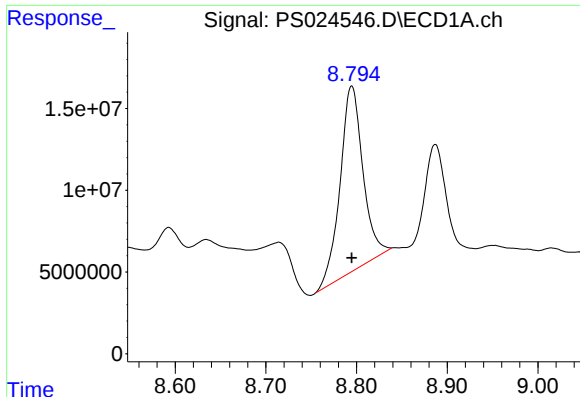
#12 2,4,5-T

R.T.: 8.289 min
Delta R.T.: 0.000 min
Response: 1156954079
Conc: 88.55 ng/ml



#12 2,4,5-T

R.T.: 8.995 min
Delta R.T.: -0.003 min
Response: 322050475
Conc: 78.10 ng/ml



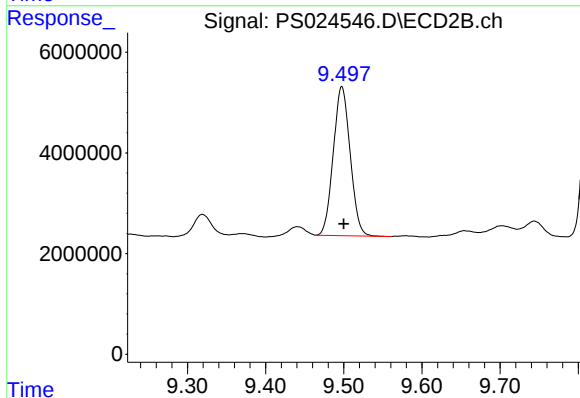
#13 2,4-DB

R.T.: 8.795 min
Delta R.T.: 0.000 min
Response: 197362951
Conc: 96.61 ng/ml

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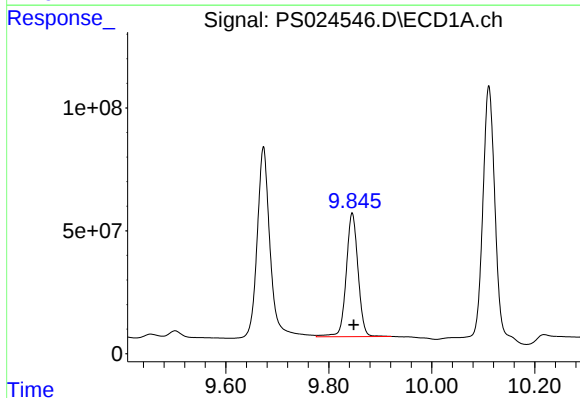
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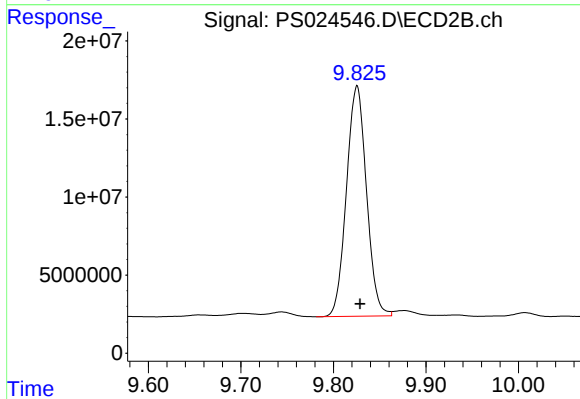
#13 2,4-DB

R.T.: 9.498 min
Delta R.T.: -0.003 min
Response: 44442051
Conc: 87.21 ng/ml



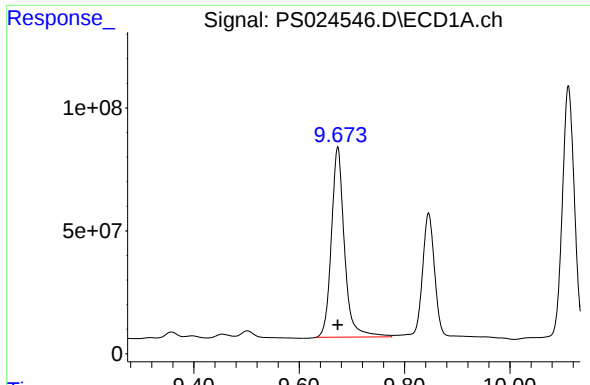
#14 DINOSEB

R.T.: 9.846 min
Delta R.T.: -0.003 min
Response: 803551627
Conc: 78.61 ng/ml



#14 DINOSEB

R.T.: 9.826 min
Delta R.T.: -0.003 min
Response: 222130198
Conc: 71.63 ng/ml



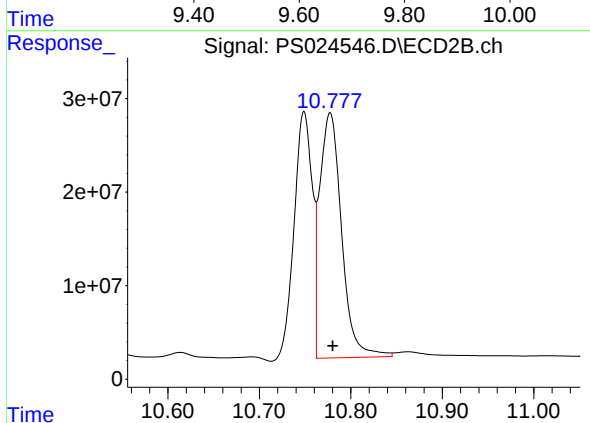
#15 Picloram

R.T.: 9.673 min
Delta R.T.: 0.000 min
Response: 1334209475
Conc: 76.52 ng/ml

Instrument :
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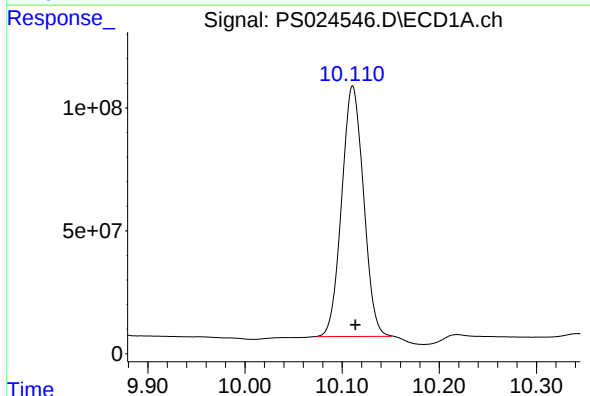
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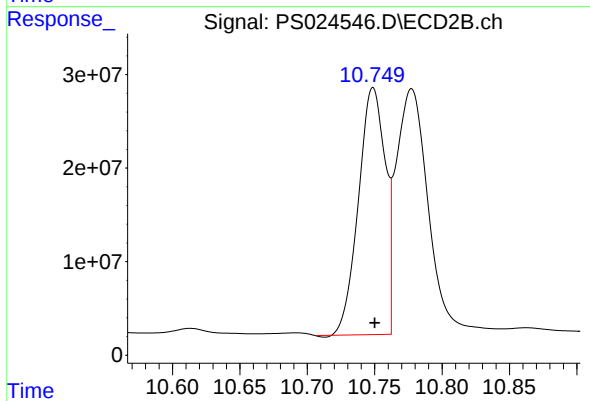
#15 Picloram

R.T.: 10.777 min
Delta R.T.: -0.003 min
Response: 434701608
Conc: 69.95 ng/ml



#16 DCPA

R.T.: 10.110 min
Delta R.T.: -0.003 min
Response: 1592039662
Conc: 93.52 ng/ml m



#16 DCPA

R.T.: 10.749 min
Delta R.T.: -0.001 min
Response: 365144627
Conc: 69.99 ng/ml