

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041223\
 Data File : PS022671.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2023 15:57
 Operator : AR\AJ
 Sample : 02213-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/13/2023
 Supervised By : Ankita Jodhani 04/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 22:02:53 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 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	6.484	6.872	1167.8E6	484.7E6	469.063	475.704
Target Compounds							
1) T	Dalapon	2.539	2.570	259.3E6	232.4E6	87.811	146.829m#
2) T	3,5-DICHL...	5.837	6.033	351.3E6	130.4E6	103.975	83.626
3) T	4-Nitroph...	6.317	6.475	180.2E6	58827664	97.096	92.538
5) T	DICAMBA	6.634	7.040	905.2E6	352.0E6	82.430	76.461
6) T	MCP	6.790	7.131	41537507	31394737	4.936	9.015 #
7) T	MCPA	6.918	7.342	81944627	54403951	6.903	11.252 #
8) T	DICHLORPROP	7.246	7.663	300.7E6	106.9E6	98.875	96.037
9) T	2,4-D	7.447	7.952	372.4E6	120.2E6	100.576	93.844
10) T	Pentachlo...	7.682	8.385	4348.4E6	1449.7E6	108.719	90.377
11) T	2,4,5-TP ...	8.219	8.747	1946.5E6	559.5E6	106.200	89.727
12) T	2,4,5-T	8.478	9.122	1890.3E6	523.1E6	101.077	88.421
13) T	2,4-DB	8.995	9.631	459.9E6	71571749	107.633	95.524
14) T	DINOSEB	10.068	9.961	1293.4E6	375.7E6	91.240	85.094
15) T	Picloram	9.885	10.930	2768.5E6	636.4E6	92.946	78.242
16) T	DCPA	10.335	10.892	2427.9E6	641.9E6	108.605	92.439

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

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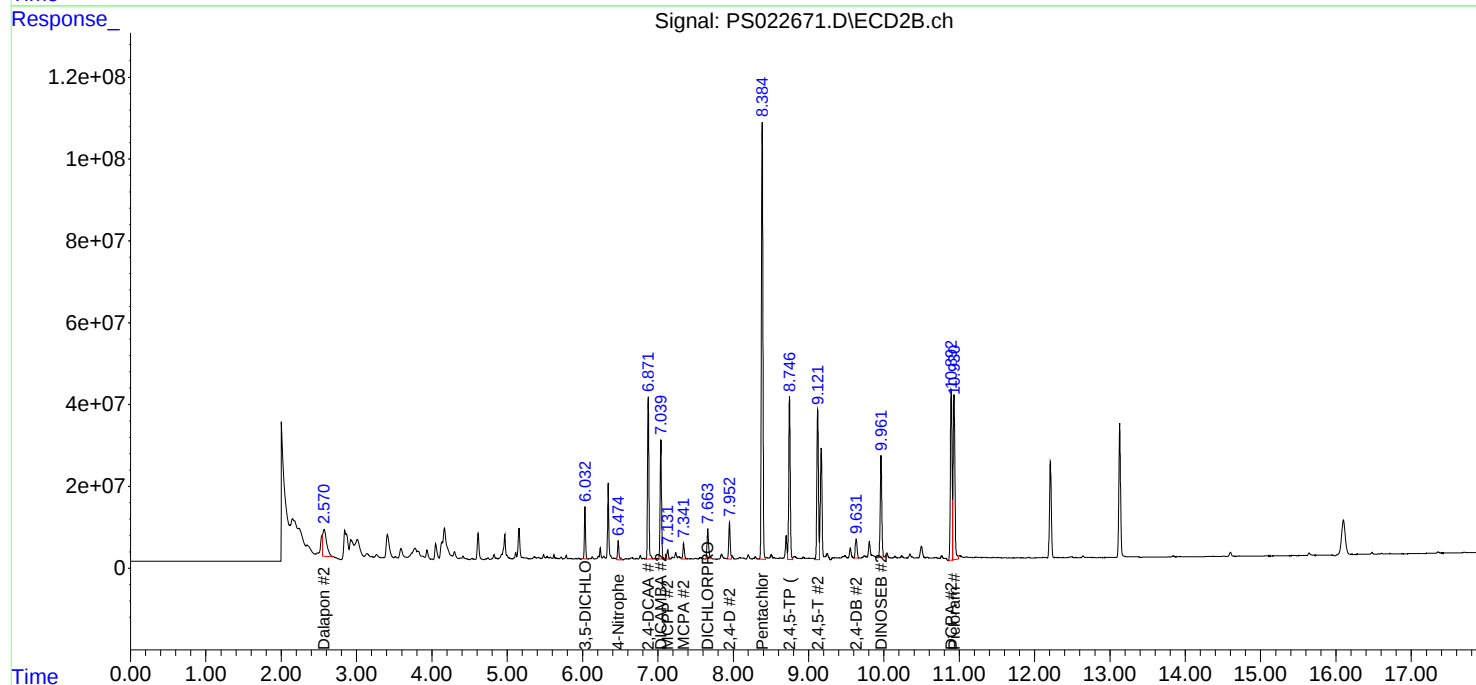
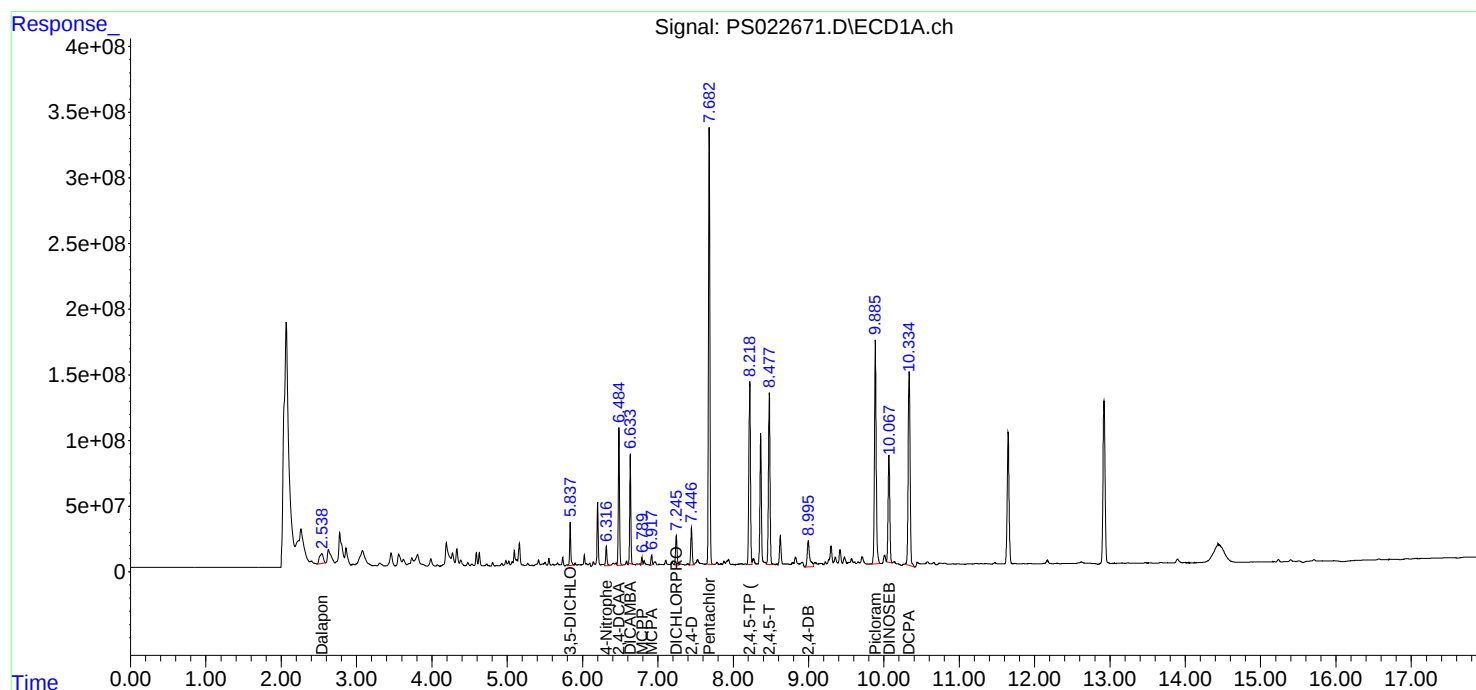
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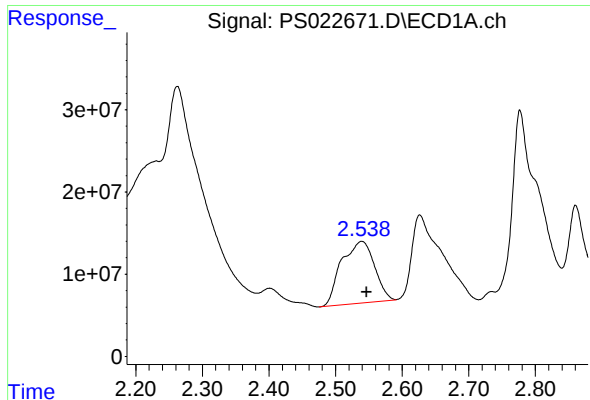
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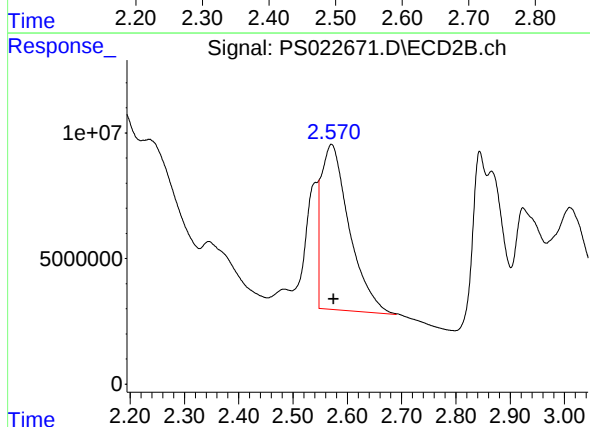
#1 Dalapon

R.T.: 2.539 min
Delta R.T.: -0.008 min
Response: 259337940
Conc: 87.81 ng/ml

Instrument :
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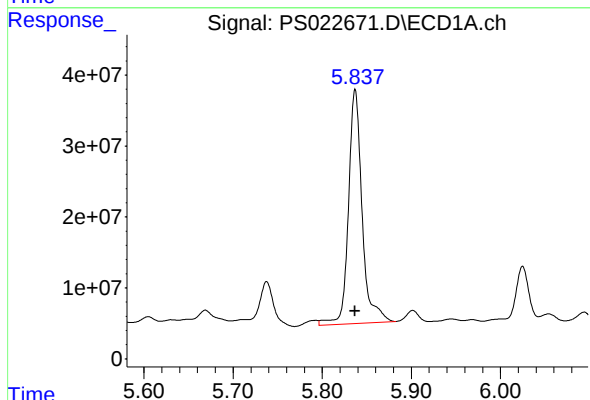
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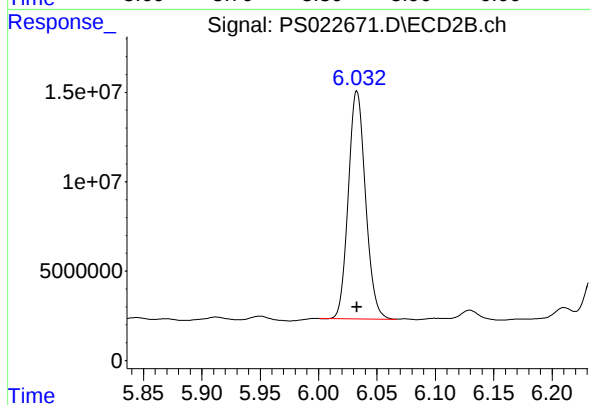
#1 Dalapon

R.T.: 2.570 min
Delta R.T.: -0.004 min
Response: 232436339
Conc: 146.83 ng/ml



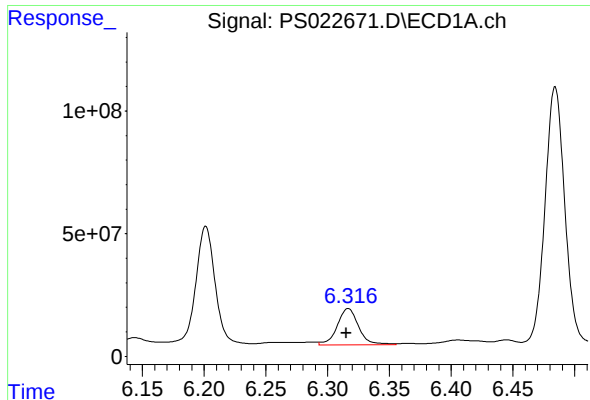
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.837 min
Delta R.T.: 0.000 min
Response: 351336741
Conc: 103.97 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 130404188
Conc: 83.63 ng/ml



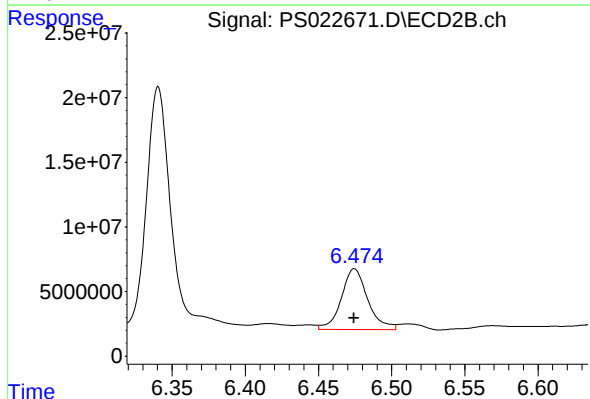
#3 4-Nitrophenol

R.T.: 6.317 min
Delta R.T.: 0.001 min
Response: 180168780
Conc: 97.10 ng/ml

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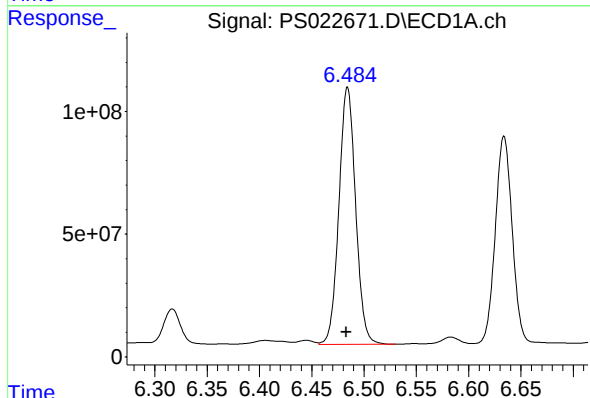
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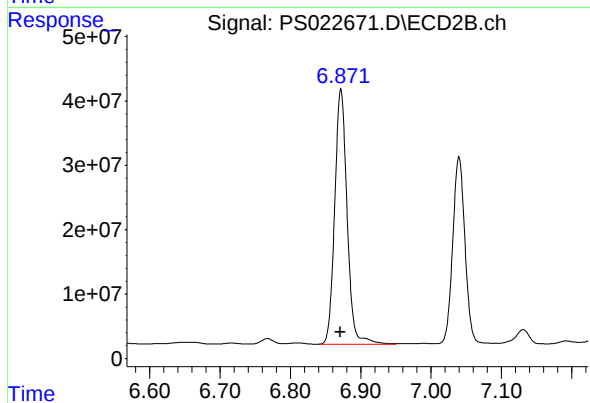
#3 4-Nitrophenol

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 58827664
Conc: 92.54 ng/ml



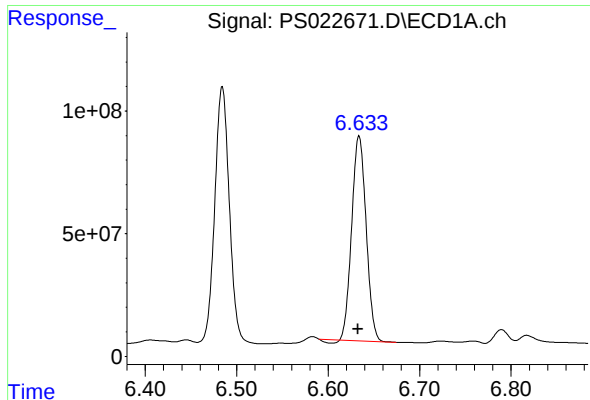
#4 2,4-DCAA

R.T.: 6.484 min
Delta R.T.: 0.001 min
Response: 1167827020
Conc: 469.06 ng/ml



#4 2,4-DCAA

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 484716507
Conc: 475.70 ng/ml



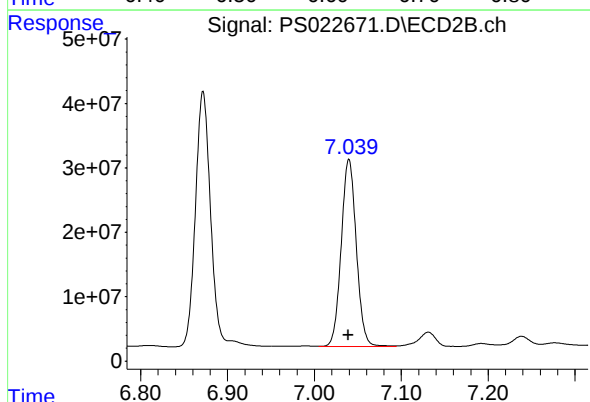
#5 DICAMBA

R.T.: 6.634 min
Delta R.T.: 0.001 min
Response: 905234757
Conc: 82.43 ng/ml

Instrument :
ECD_S
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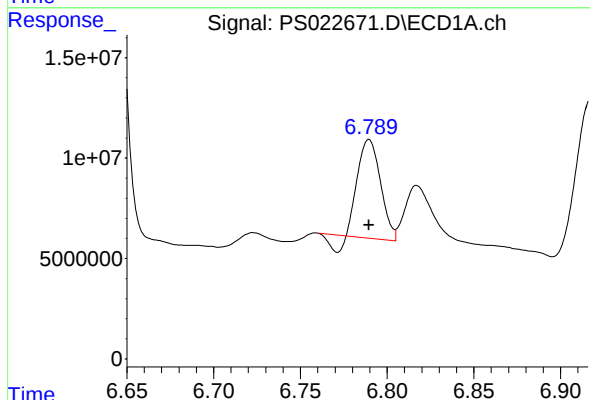
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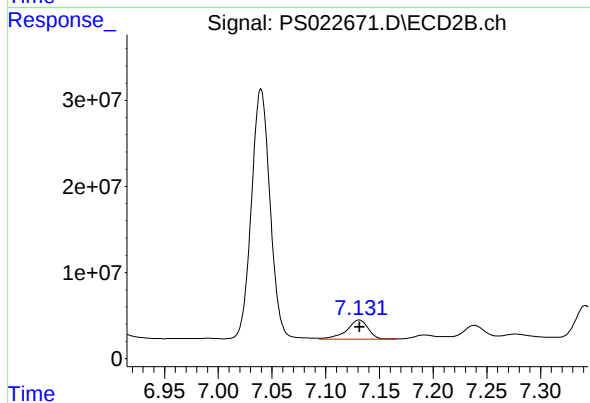
#5 DICAMBA

R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 352040477
Conc: 76.46 ng/ml



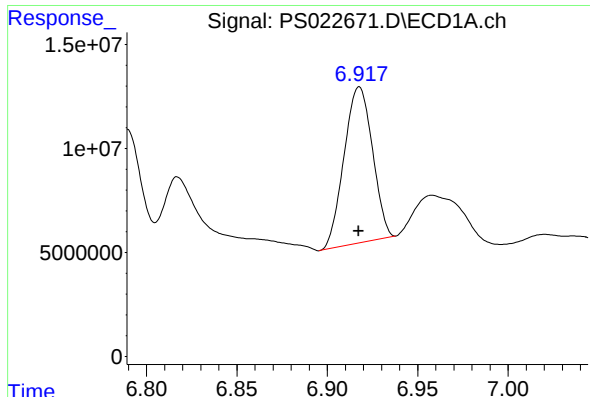
#6 MCPP

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 41537507
Conc: 4.94 ug/ml



#6 MCPP

R.T.: 7.131 min
Delta R.T.: 0.000 min
Response: 31394737
Conc: 9.01 ug/ml



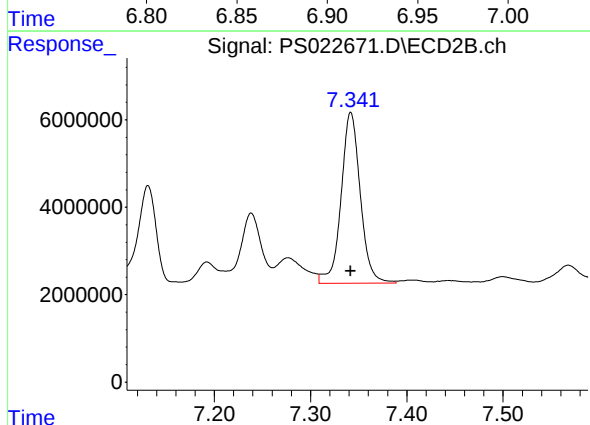
#7 MCPA

R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 81944627
Conc: 6.90 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

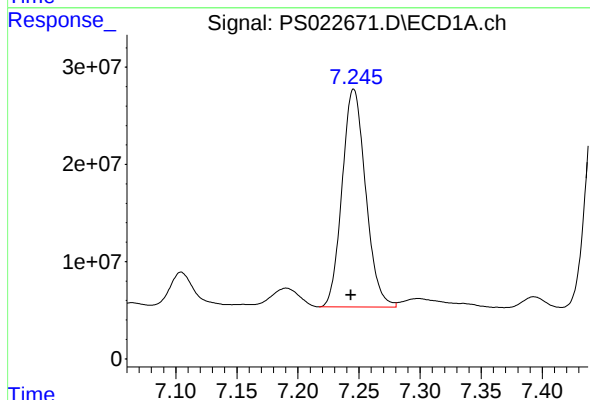
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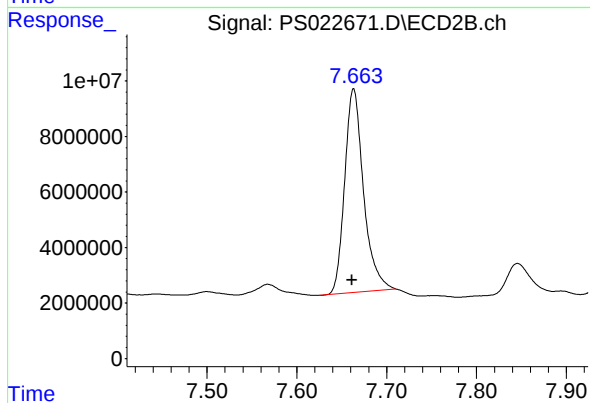
#7 MCPA

R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 54403951
Conc: 11.25 ug/ml



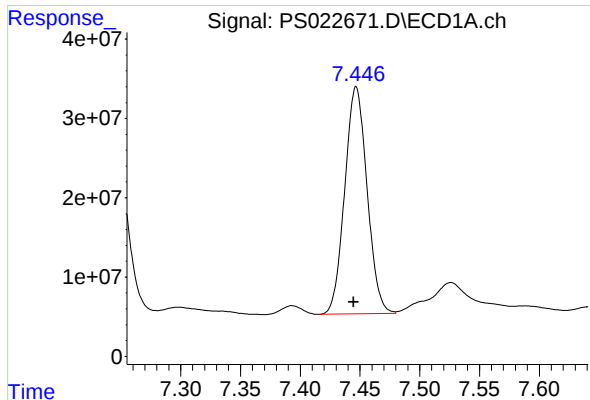
#8 DICHLORPROP

R.T.: 7.246 min
Delta R.T.: 0.002 min
Response: 300744241
Conc: 98.88 ng/ml



#8 DICHLORPROP

R.T.: 7.663 min
Delta R.T.: 0.002 min
Response: 106945747
Conc: 96.04 ng/ml



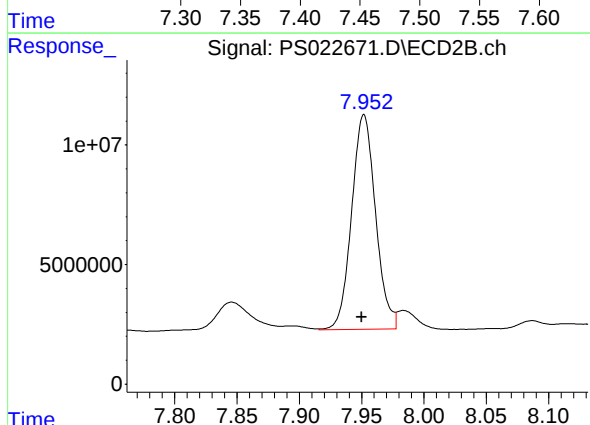
#9 2,4-D

R.T.: 7.447 min
Delta R.T.: 0.002 min
Response: 372431917
Conc: 100.58 ng/ml

Instrument :
ECD_S
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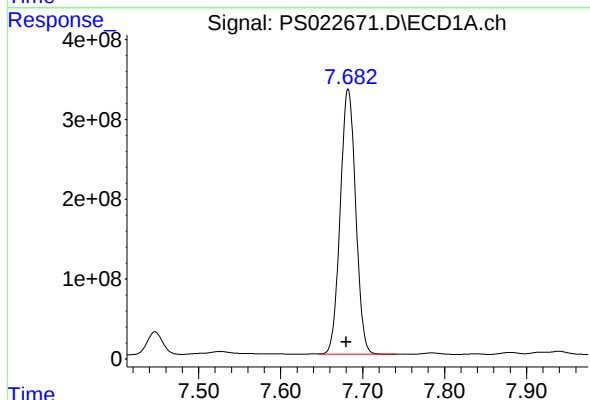
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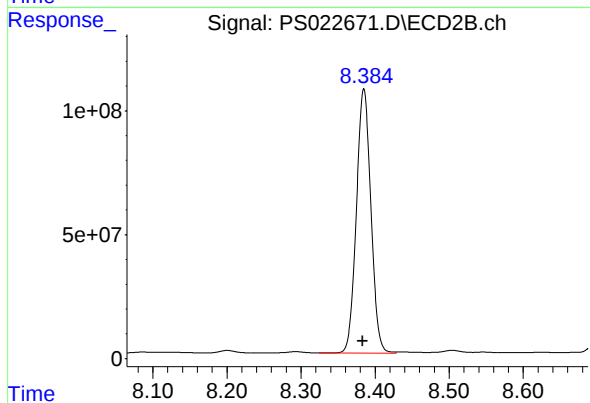
#9 2,4-D

R.T.: 7.952 min
Delta R.T.: 0.002 min
Response: 120193448
Conc: 93.84 ng/ml



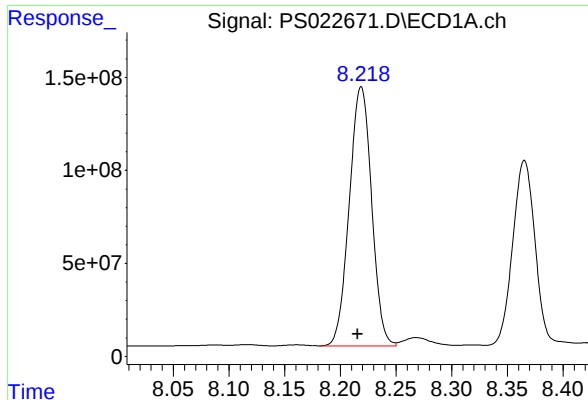
#10 Pentachlorophenol

R.T.: 7.682 min
Delta R.T.: 0.002 min
Response: 4348446469
Conc: 108.72 ng/ml



#10 Pentachlorophenol

R.T.: 8.385 min
Delta R.T.: 0.002 min
Response: 1449725690
Conc: 90.38 ng/ml



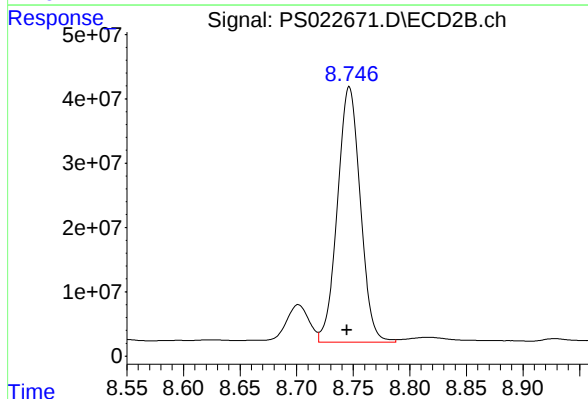
#11 2,4,5-TP (SILVEX)

R.T.: 8.219 min
Delta R.T.: 0.003 min
Response: 1946505446
Conc: 106.20 ng/ml

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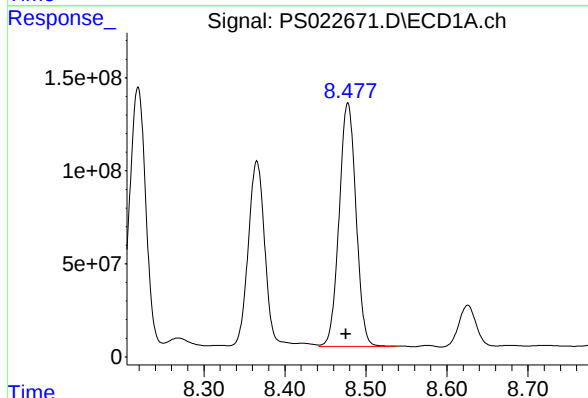
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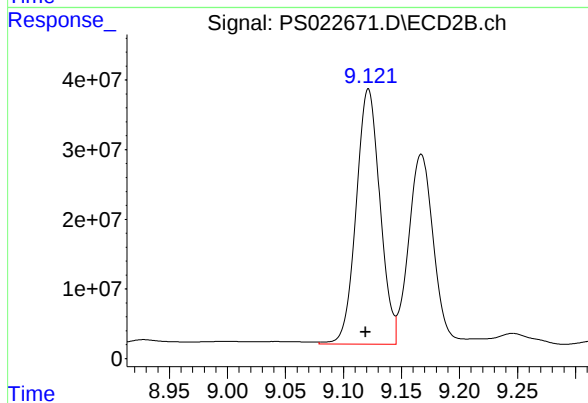
#11 2,4,5-TP (SILVEX)

R.T.: 8.747 min
Delta R.T.: 0.002 min
Response: 559509898
Conc: 89.73 ng/ml



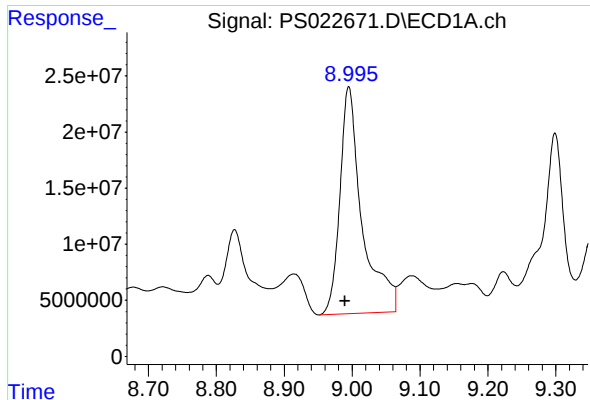
#12 2,4,5-T

R.T.: 8.478 min
Delta R.T.: 0.002 min
Response: 1890291227
Conc: 101.08 ng/ml



#12 2,4,5-T

R.T.: 9.122 min
Delta R.T.: 0.002 min
Response: 523115017
Conc: 88.42 ng/ml



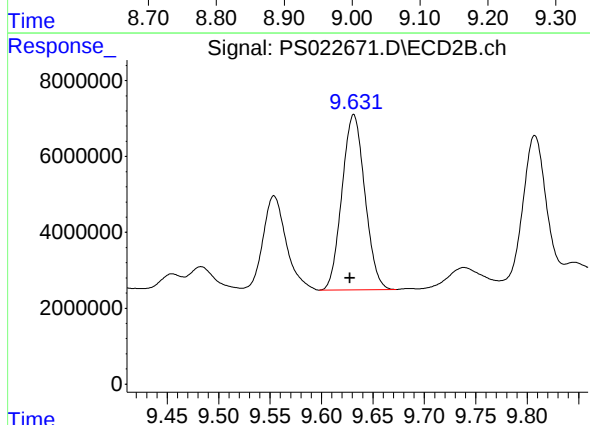
#13 2,4-DB

R.T.: 8.995 min
Delta R.T.: 0.006 min
Response: 459931737
Conc: 107.63 ng/ml

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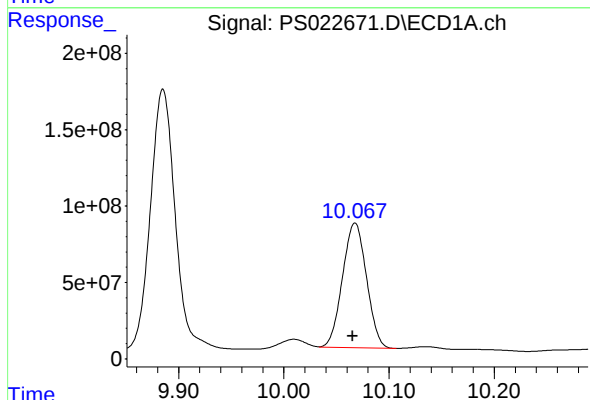
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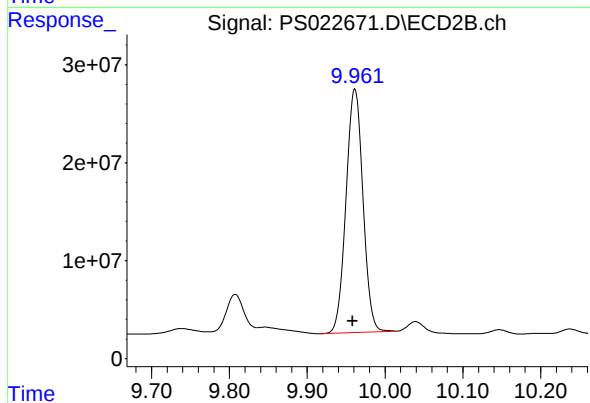
#13 2,4-DB

R.T.: 9.631 min
Delta R.T.: 0.004 min
Response: 71571749
Conc: 95.52 ng/ml



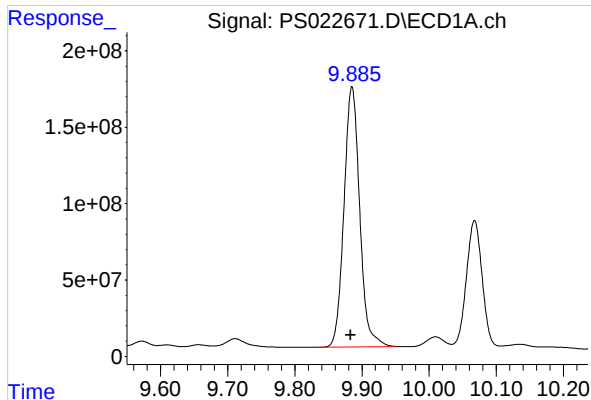
#14 DINOSEB

R.T.: 10.068 min
Delta R.T.: 0.002 min
Response: 1293399495
Conc: 91.24 ng/ml



#14 DINOSEB

R.T.: 9.961 min
Delta R.T.: 0.003 min
Response: 375719367
Conc: 85.09 ng/ml



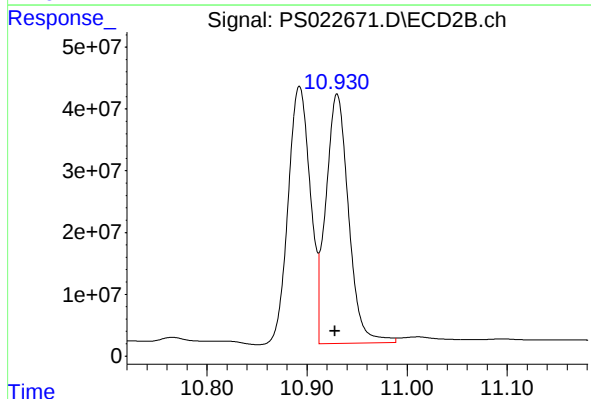
#15 Picloram

R.T.: 9.885 min
Delta R.T.: 0.002 min
Response: 2768479631
Conc: 92.95 ng/ml

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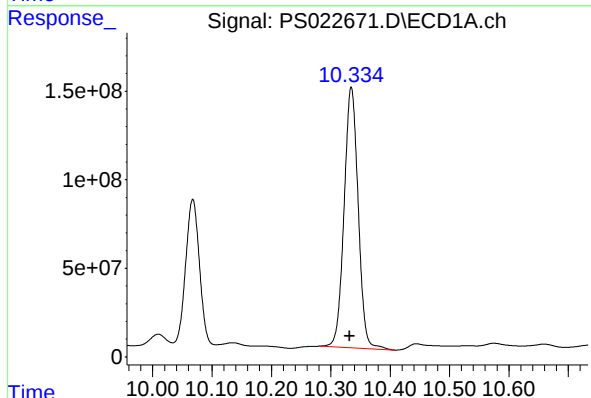
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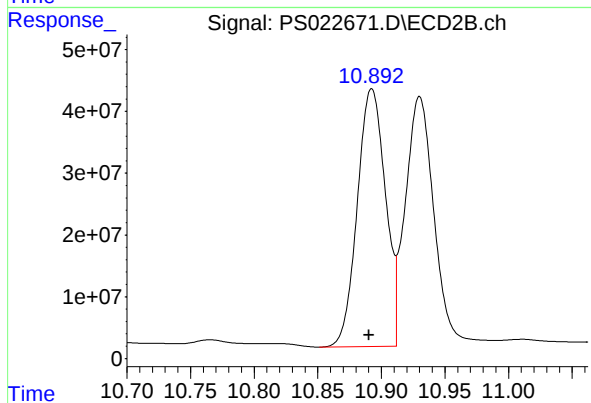
#15 Picloram

R.T.: 10.930 min
Delta R.T.: 0.002 min
Response: 636396663
Conc: 78.24 ng/ml



#16 DCPA

R.T.: 10.335 min
Delta R.T.: 0.003 min
Response: 2427922165
Conc: 108.61 ng/ml



#16 DCPA

R.T.: 10.892 min
Delta R.T.: 0.002 min
Response: 641923443
Conc: 92.44 ng/ml