

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
 Data File : PS030138.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 18:58
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/13/2025
 Supervised By : mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 03:37:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 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	6.934	7.454	2118.9E6	613.8E6	744.032	767.103
Target Compounds							
1) T	Dalapon	2.447	2.520	3298.9E6	1392.7E6	671.151	685.699
2) T	3,5-DICHL...	6.139	6.453	2883.7E6	805.1E6	691.450	690.575
3) T	4-Nitroph...	6.724	6.988	1416.6E6	657.1E6	685.786	629.383
5) T	DICAMBA	7.110	7.640	8211.0E6	3492.9E6	710.458	738.773
6) T	MCPD	7.290	7.748	563.4E6	133.0E6	77.355	72.295
7) T	MCPA	7.432	7.978	742.3E6	189.5E6	71.505	71.836
8) T	DICHLORPROP	7.790	8.332	2033.1E6	835.2E6	695.961	706.964
9) T	2,4-D	8.009	8.645	2297.3E6	923.2E6	700.625	715.361
10) T	Pentachlo...	8.287	9.144	29368.3E6	18330.6E6	725.129	742.580
11) T	2,4,5-TP ...	8.851	9.523	11619.6E6	7268.4E6	717.434	737.878
12) T	2,4,5-T	9.132	9.927	11838.3E6	6770.2E6	716.811	735.606
13) T	2,4-DB	9.690	10.485	1967.1E6	684.6E6	753.761	689.813
14) T	DINOSEB	10.852	10.859	8007.1E6	4935.8E6	700.142	722.454
15) T	Picloram	10.671	11.895	15500.0E6	9653.0E6	724.740	685.919m
16) T	DCPA	11.152	11.892	14203.4E6	10849.2E6	713.328	803.017m

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

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Acq On : 12 May 2025 18:58
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

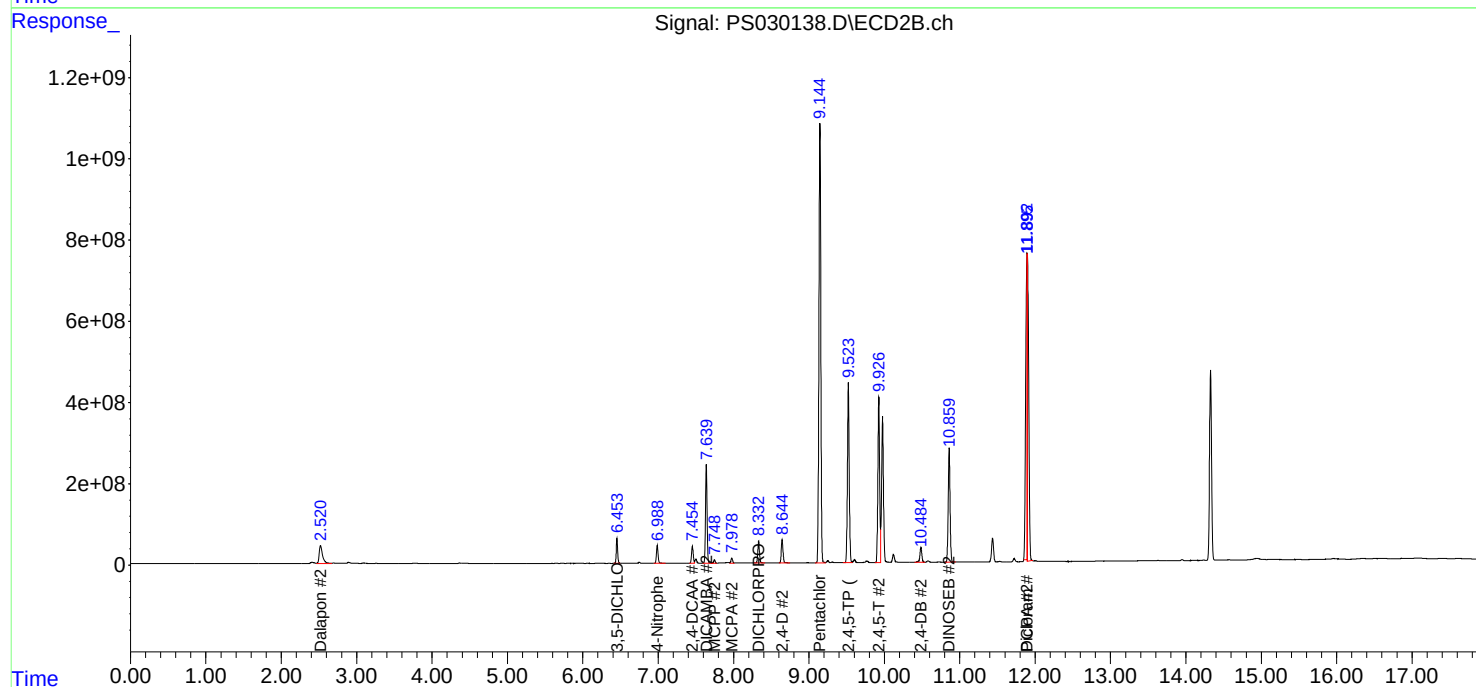
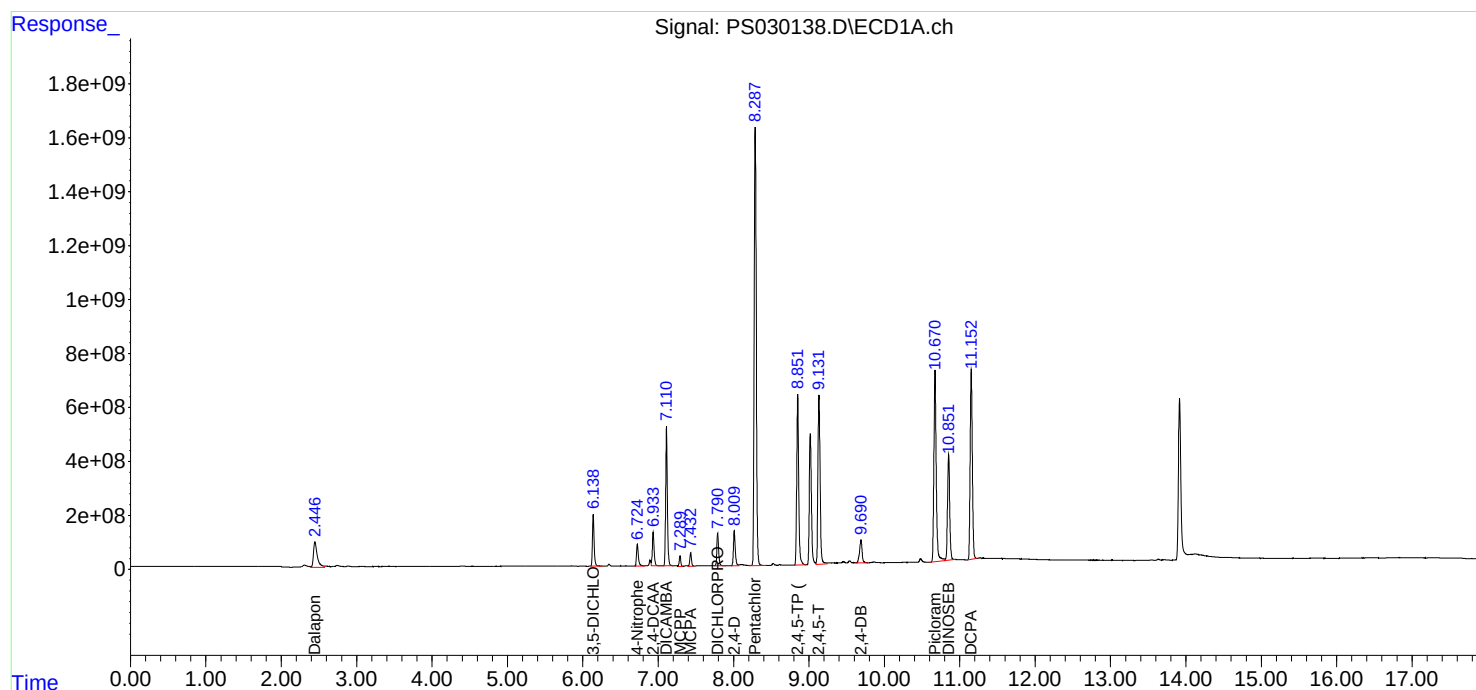
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

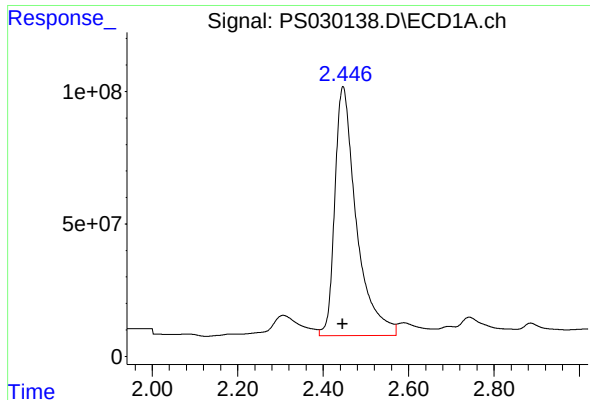
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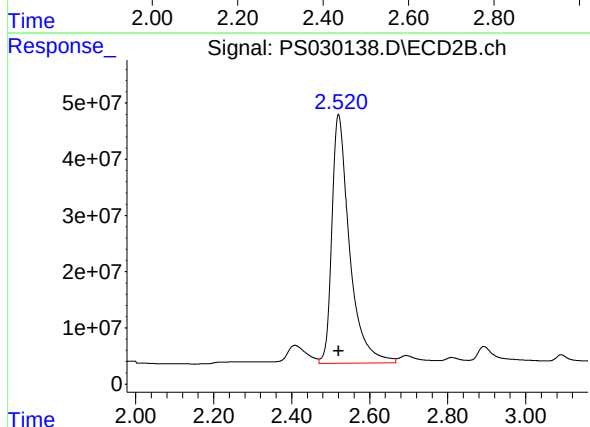
#1 Dalapon

R.T.: 2.447 min
Delta R.T.: 0.000 min
Response: 3298949530
Conc: 671.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

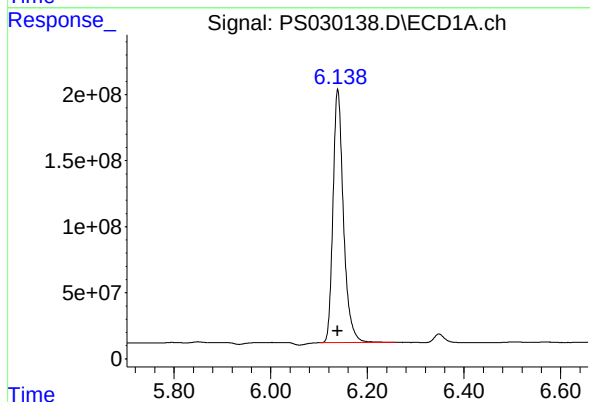
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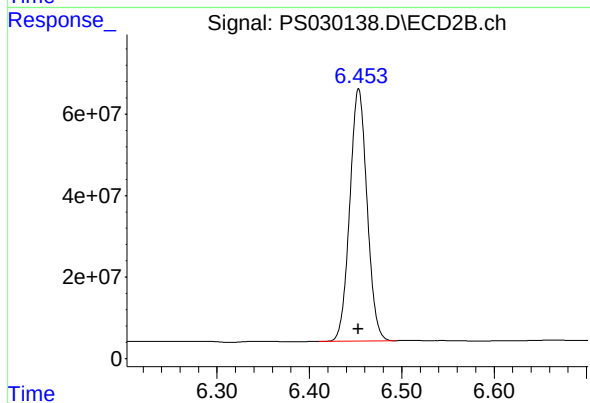
#1 Dalapon

R.T.: 2.520 min
Delta R.T.: 0.000 min
Response: 1392689371
Conc: 685.70 ng/ml



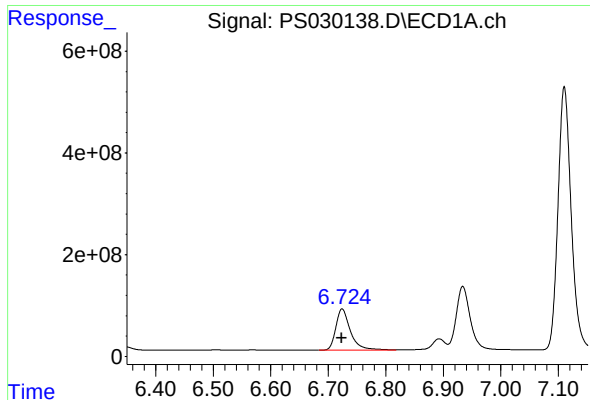
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 2883729670
Conc: 691.45 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 805092550
Conc: 690.57 ng/ml



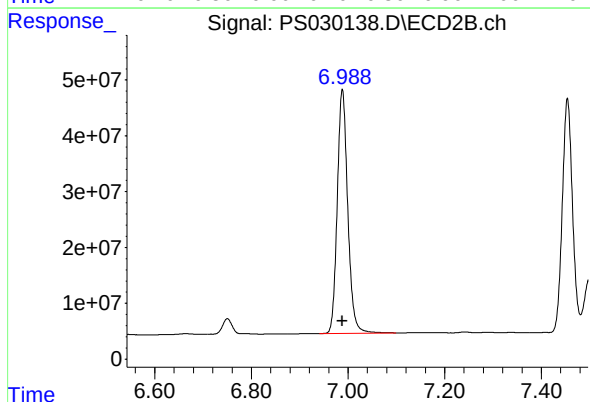
#3 4-Nitrophenol

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 1416569666
Conc: 685.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

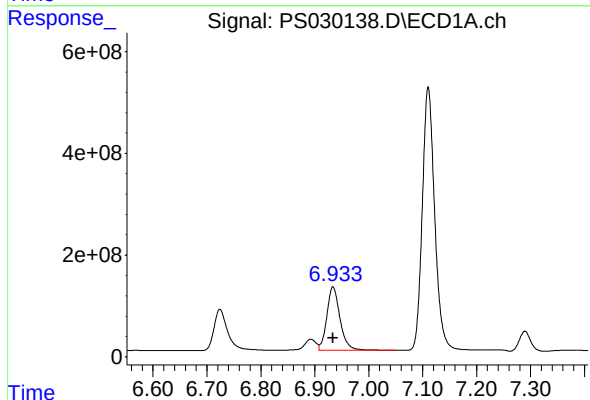
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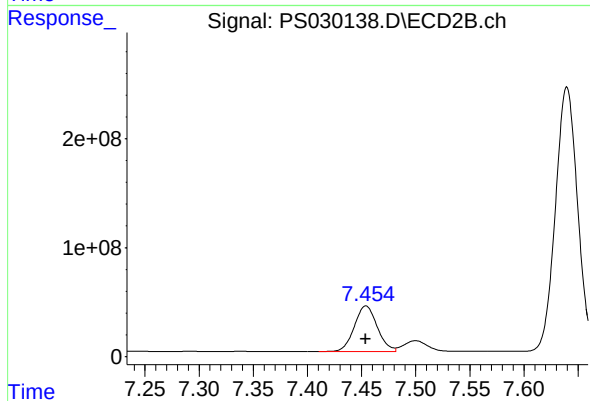
#3 4-Nitrophenol

R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 657096359
Conc: 629.38 ng/ml



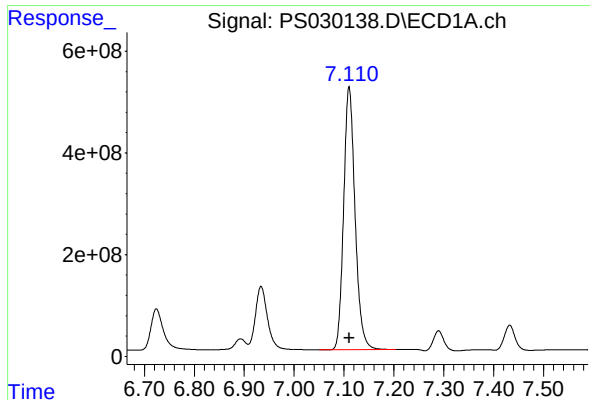
#4 2,4-DCAA

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 2118860007
Conc: 744.03 ng/ml



#4 2,4-DCAA

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 613838397
Conc: 767.10 ng/ml



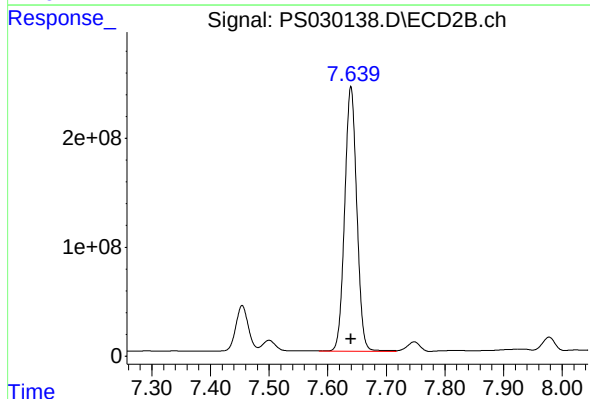
#5 DICAMBA

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 8211026045
Conc: 710.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

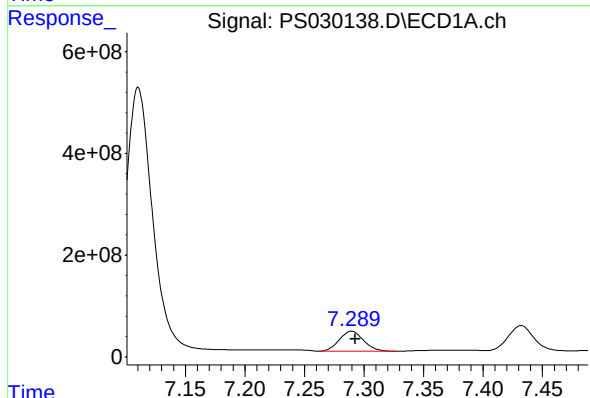
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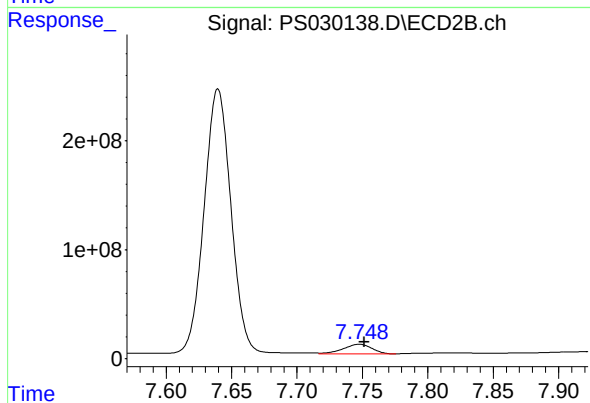
#5 DICAMBA

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 3492900066
Conc: 738.77 ng/ml



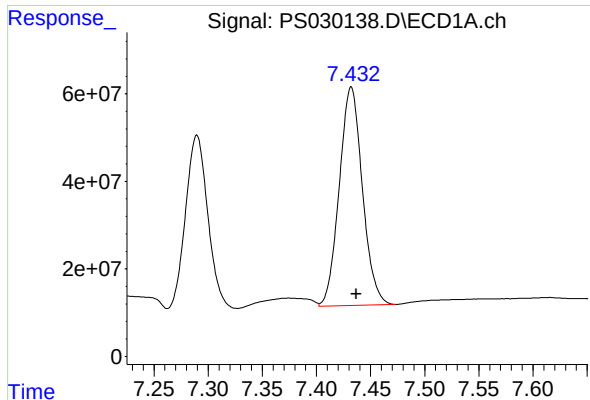
#6 MCPP

R.T.: 7.290 min
Delta R.T.: -0.003 min
Response: 563353665
Conc: 77.36 ug/ml



#6 MCPP

R.T.: 7.748 min
Delta R.T.: -0.004 min
Response: 133005123
Conc: 72.29 ug/ml



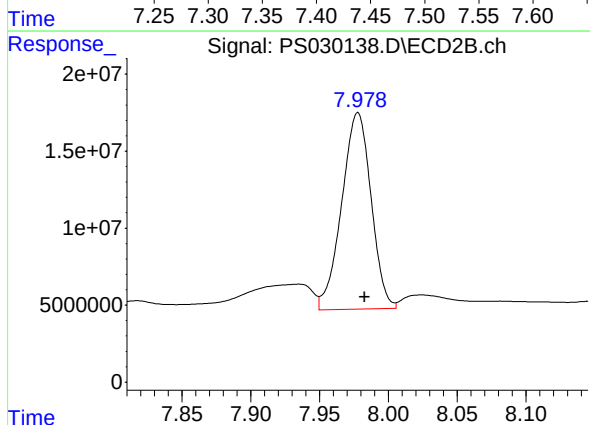
#7 MCPA

R.T.: 7.432 min
Delta R.T.: -0.005 min
Response: 742283682
Conc: 71.50 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

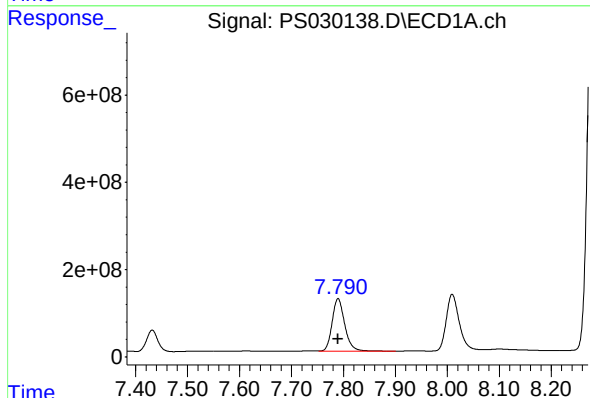
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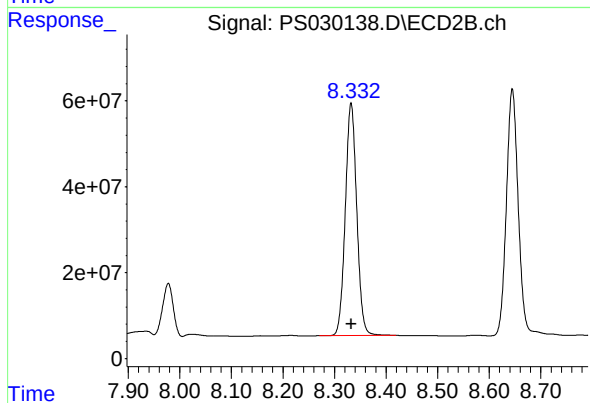
#7 MCPA

R.T.: 7.978 min
Delta R.T.: -0.005 min
Response: 189481240
Conc: 71.84 ug/ml



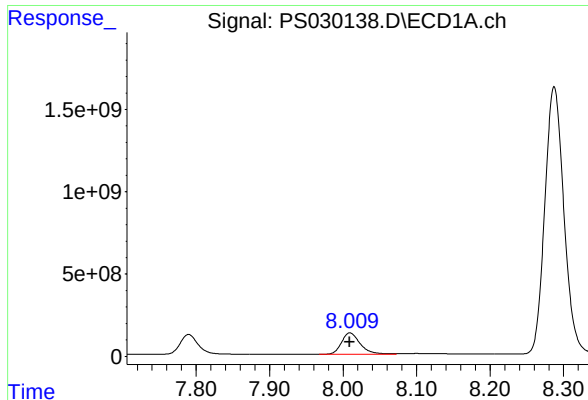
#8 DICHLORPROP

R.T.: 7.790 min
Delta R.T.: 0.000 min
Response: 2033142351
Conc: 695.96 ng/ml



#8 DICHLORPROP

R.T.: 8.332 min
Delta R.T.: 0.000 min
Response: 835231284
Conc: 706.96 ng/ml



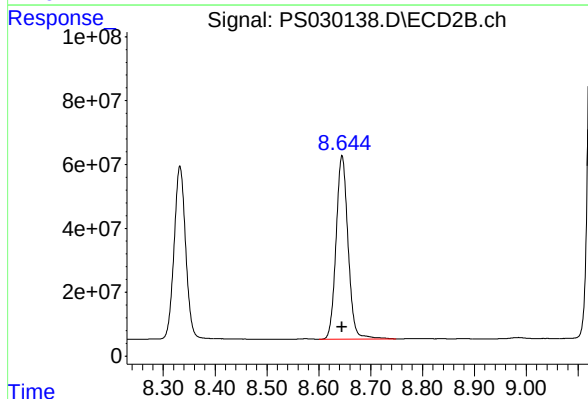
#9 2,4-D

R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 2297303474
Conc: 700.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

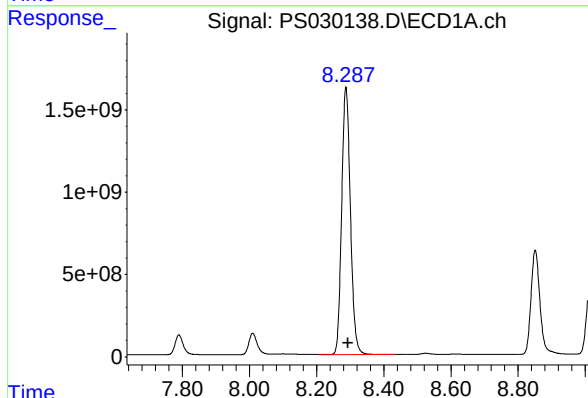
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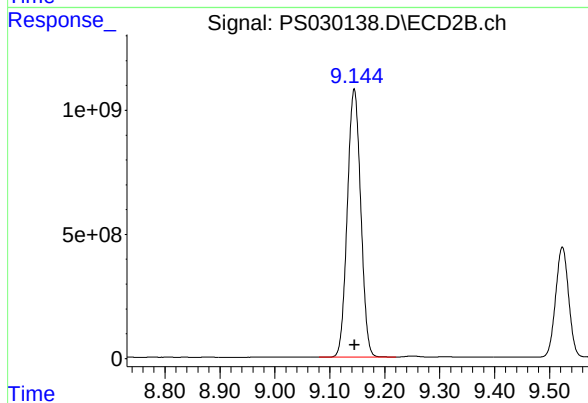
#9 2,4-D

R.T.: 8.645 min
Delta R.T.: 0.000 min
Response: 923174010
Conc: 715.36 ng/ml



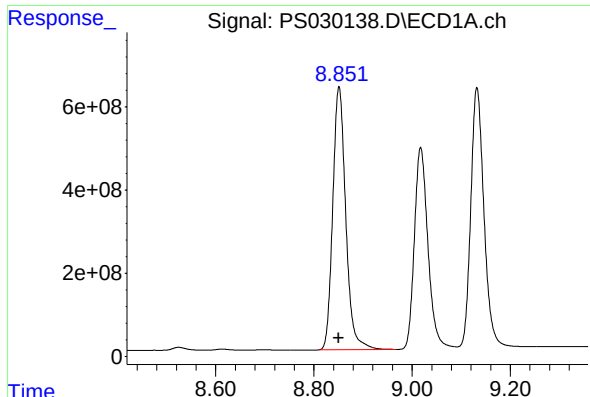
#10 Pentachlorophenol

R.T.: 8.287 min
Delta R.T.: -0.006 min
Response: 29368295196
Conc: 725.13 ng/ml



#10 Pentachlorophenol

R.T.: 9.144 min
Delta R.T.: 0.000 min
Response: 18330568819
Conc: 742.58 ng/ml



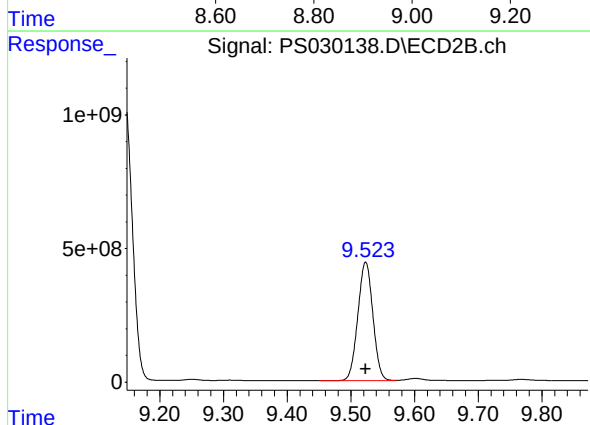
#11 2,4,5-TP (SILVEX)

R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 11619561254
Conc: 717.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

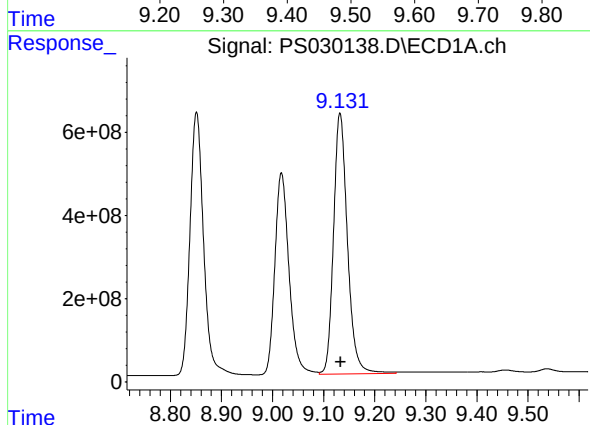
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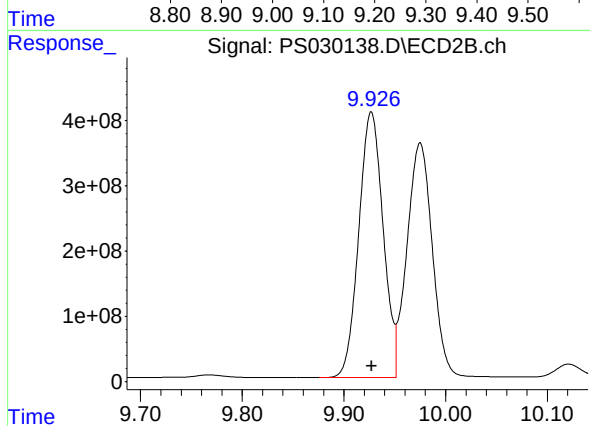
#11 2,4,5-TP (SILVEX)

R.T.: 9.523 min
Delta R.T.: 0.000 min
Response: 7268418172
Conc: 737.88 ng/ml



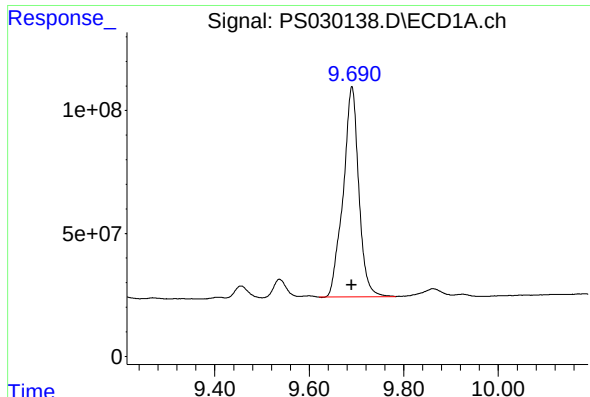
#12 2,4,5-T

R.T.: 9.132 min
Delta R.T.: 0.000 min
Response: 11838270653
Conc: 716.81 ng/ml



#12 2,4,5-T

R.T.: 9.927 min
Delta R.T.: 0.000 min
Response: 6770227546
Conc: 735.61 ng/ml



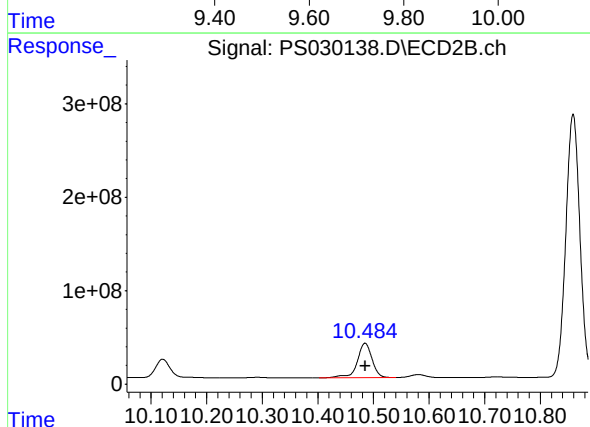
#13 2,4-DB

R.T.: 9.690 min
Delta R.T.: 0.000 min
Response: 1967145801
Conc: 753.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

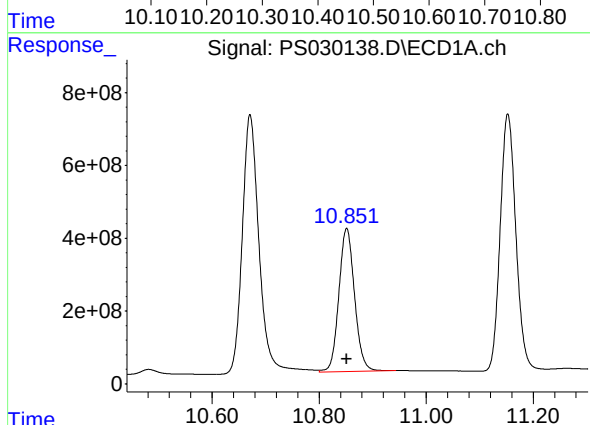
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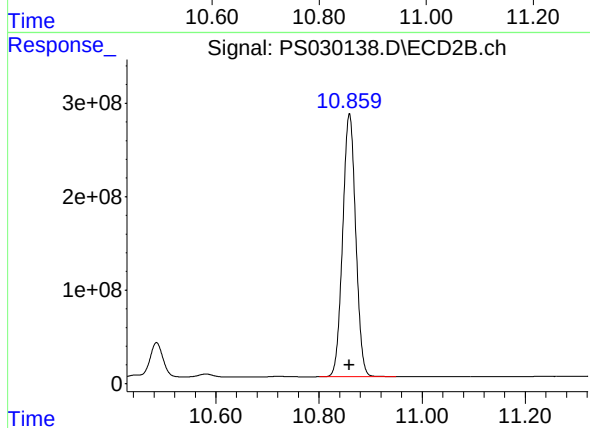
#13 2,4-DB

R.T.: 10.485 min
Delta R.T.: 0.000 min
Response: 684551360
Conc: 689.81 ng/ml



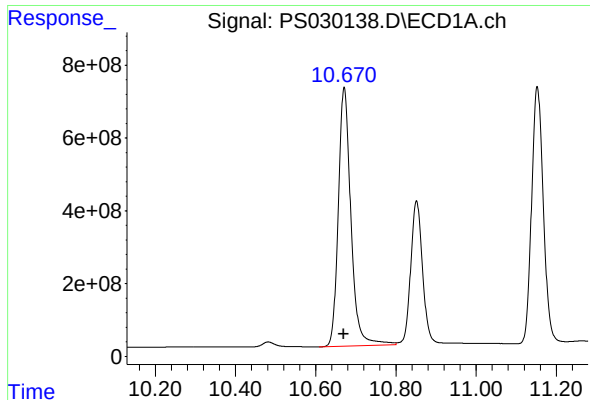
#14 DINOSEB

R.T.: 10.852 min
Delta R.T.: 0.000 min
Response: 8007077455
Conc: 700.14 ng/ml



#14 DINOSEB

R.T.: 10.859 min
Delta R.T.: 0.000 min
Response: 4935795427
Conc: 722.45 ng/ml



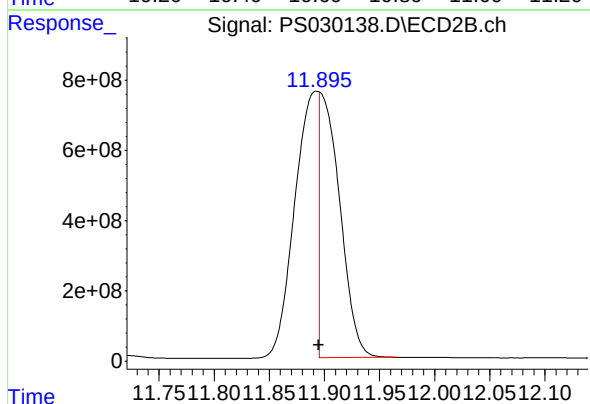
#15 Picloram

R.T.: 10.671 min
Delta R.T.: 0.000 min
Response: 1549995762
Conc: 724.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

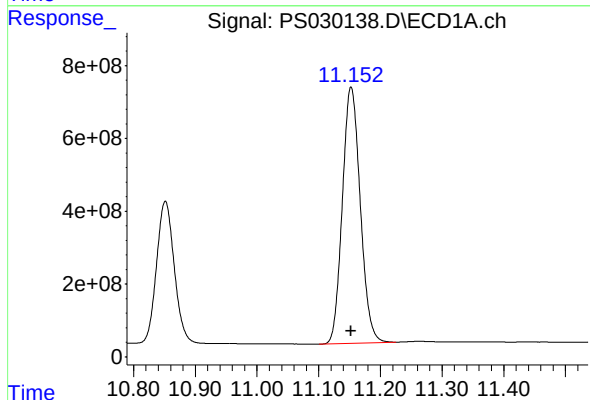
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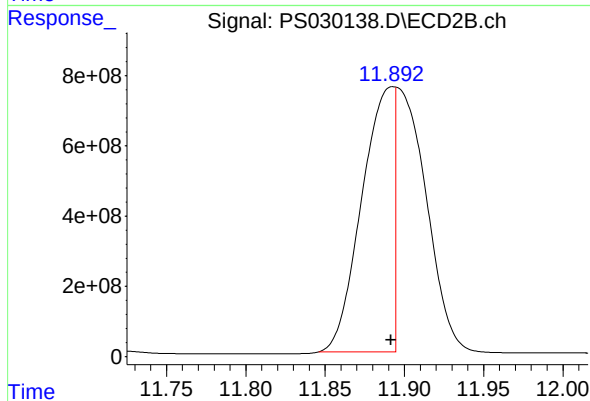
#15 Picloram

R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 9653012631
Conc: 685.92 ng/ml m



#16 DCPA

R.T.: 11.152 min
Delta R.T.: 0.000 min
Response: 14203431858
Conc: 713.33 ng/ml



#16 DCPA

R.T.: 11.892 min
Delta R.T.: 0.000 min
Response: 10849177420
Conc: 803.02 ng/ml m