

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071923\
 Data File : PS023767.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 07:06
 Operator : AR\AJ
 Sample : 03646-01MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 GATE-1MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/20/2023
 Supervised By : Ankita Jodhani 07/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 10:45:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS070723.M
 Quant Title : 8080.M
 QLast Update : Fri Jul 07 18:46:40 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	6.373	6.808	438.8E6	131.9E6	347.417	314.451m
Target Compounds							
1) T	Dalapon	2.473	2.548	413.8E6	176.1E6	294.303m	251.652
2) T	3,5-DICHL...	5.745	5.986	507.1E6	154.5E6	261.694	238.576
3) T	4-Nitroph...	6.210	6.418	267.9E6	76144403	299.411	264.003m
5) T	DICAMBA	6.516	6.972	1409.4E6	416.8E6	252.670	230.058
8) T	DICHLORPROP	7.108	7.590	337.8E6	110.8E6	228.438	238.009
9) T	2,4-D	7.305	7.876	461.9E6	147.6E6	267.175	272.996
10) T	Pentachlo...	7.535	8.304	4587.6E6	1352.0E6	218.600	201.919
11) T	2,4,5-TP ...	8.060	8.663	1769.2E6	491.9E6	211.686	196.971
12) T	2,4,5-T	8.316	9.034	1876.3E6	518.3E6	232.128	212.400
13) T	2,4-DB	8.824	9.539	287.1E6	67123974	291.592	215.730 #
14) T	DINOSEB	9.881	9.868	460.9E6	130.0E6	79.002	73.740
15) T	Picloram	9.704	10.826	2540.9E6	778.1E6	216.699	183.940
16) T	DCPA	10.146	10.792	2927.1E6	803.7E6	311.131	289.721

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

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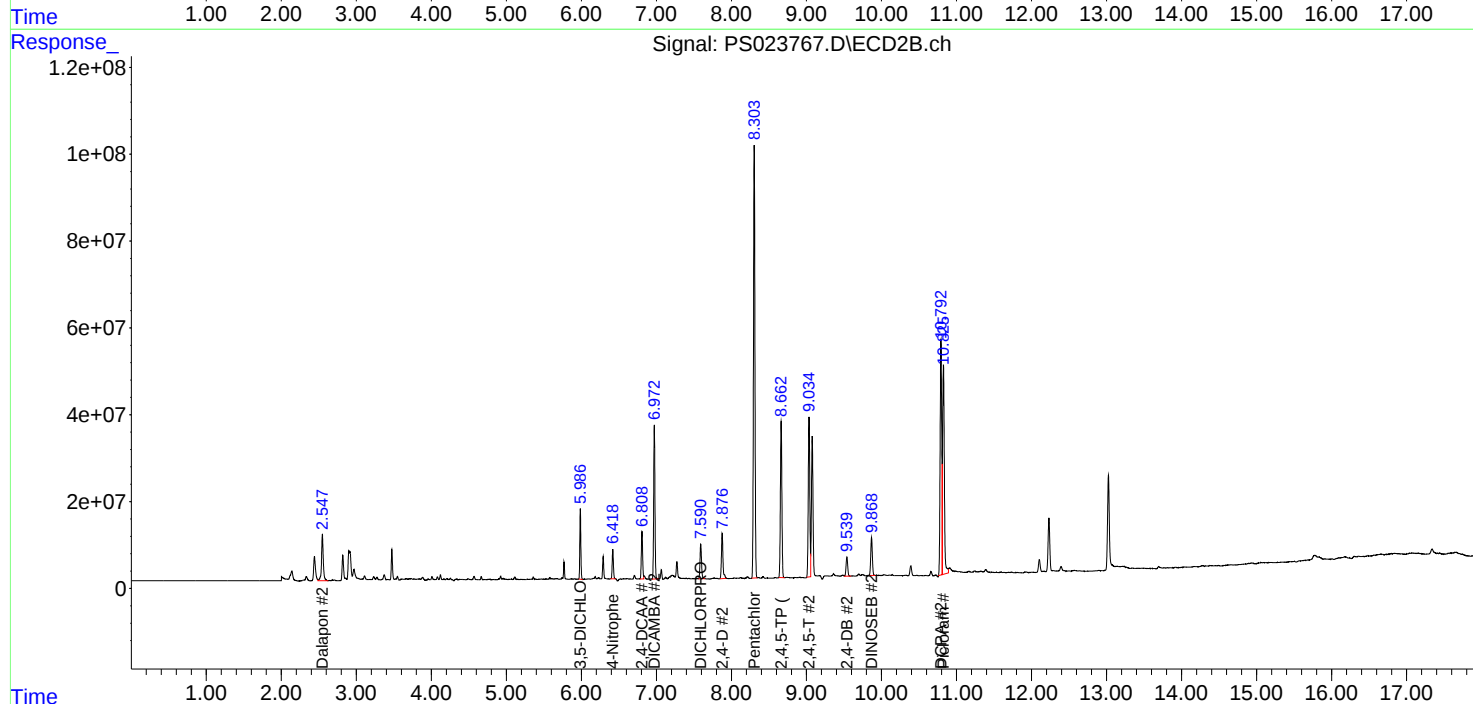
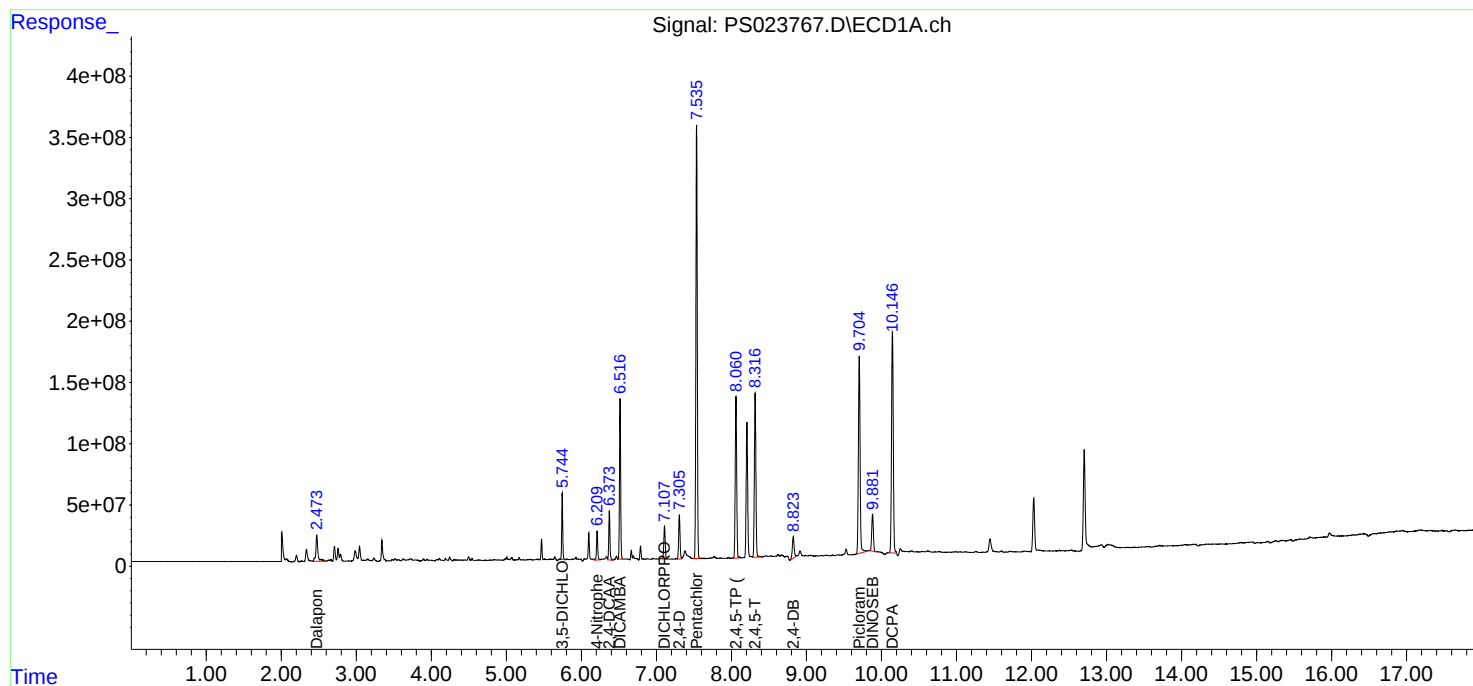
Instrument :
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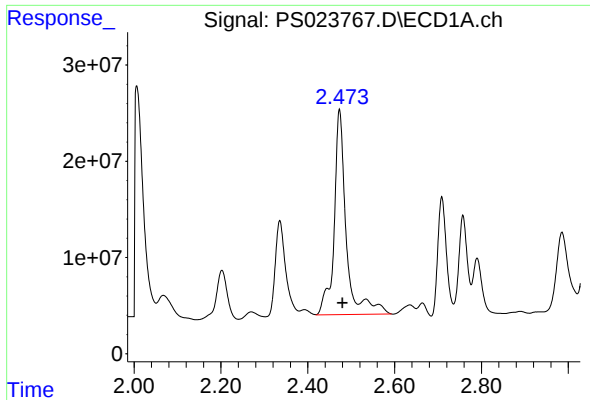
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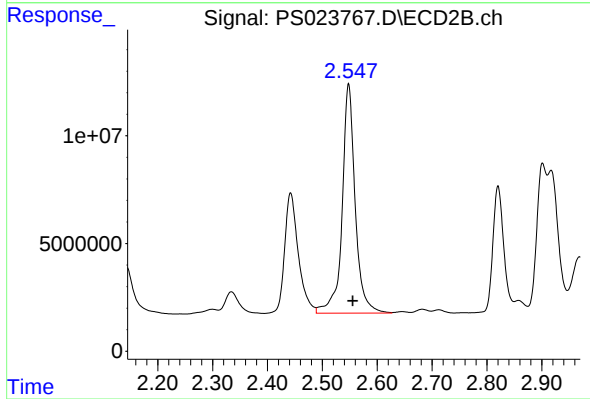
#1 Dalapon

R.T.: 2.473 min
Delta R.T.: -0.007 min
Response: 413849572
Conc: 294.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
GATE-1MSD

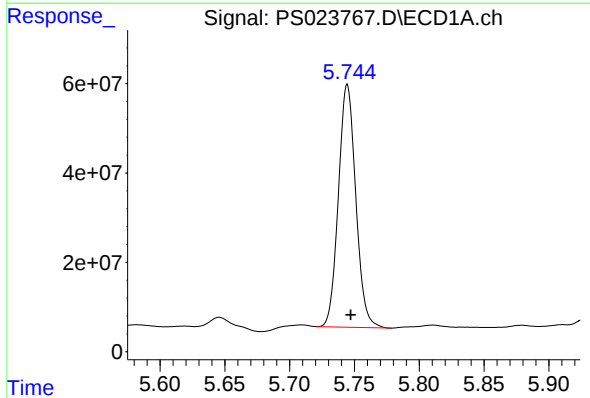
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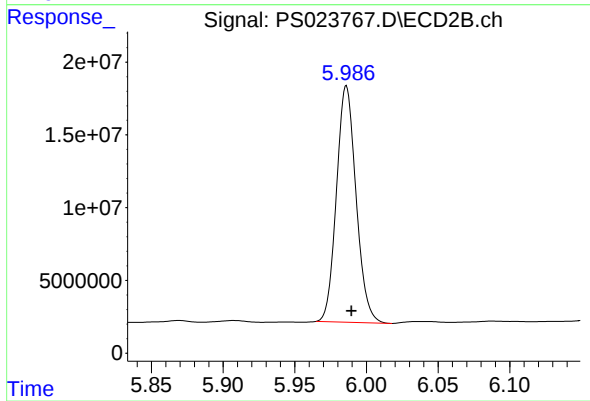
#1 Dalapon

R.T.: 2.548 min
Delta R.T.: -0.007 min
Response: 176142573
Conc: 251.65 ng/ml



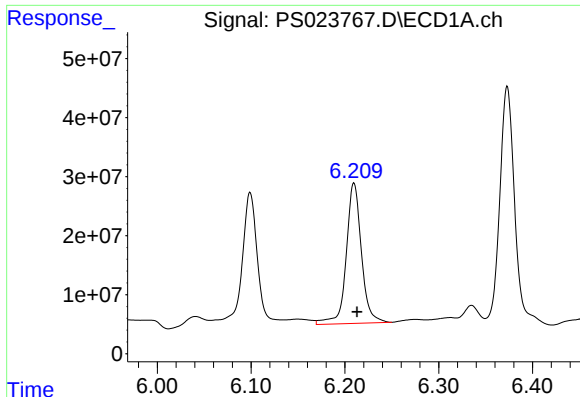
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.745 min
Delta R.T.: -0.003 min
Response: 507077749
Conc: 261.69 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 154514996
Conc: 238.58 ng/ml



#3 4-Nitrophenol

R.T.: 6.210 min
Delta R.T.: -0.003 min
Response: 267943061
Conc: 299.41 ng/ml

Instrument :

ECD_S

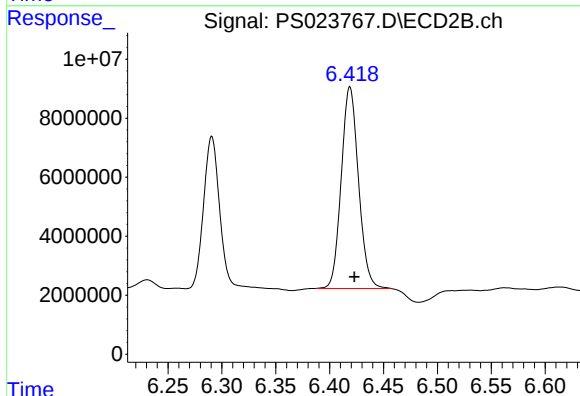
ClientSampleId :

GATE-1MSD

Manual Integrations

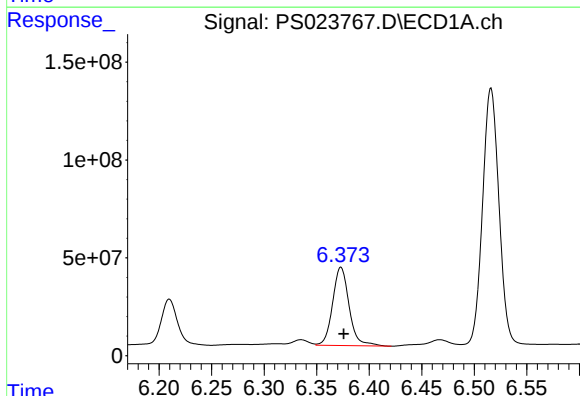
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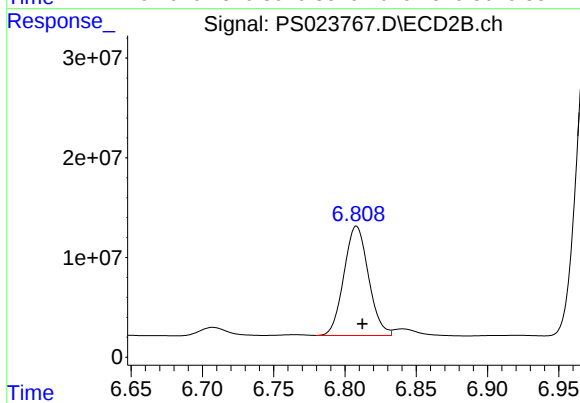
#3 4-Nitrophenol

R.T.: 6.418 min
Delta R.T.: -0.005 min
Response: 76144403
Conc: 264.00 ng/ml m



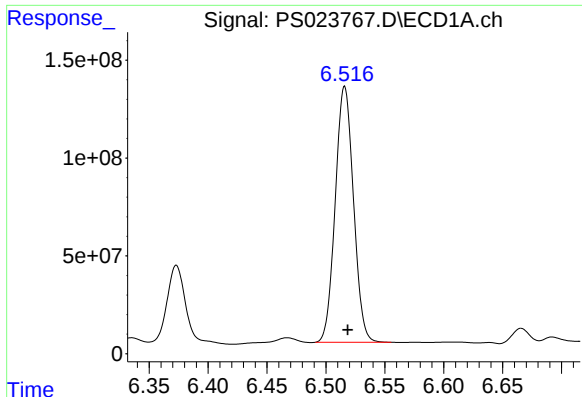
#4 2,4-DCAA

R.T.: 6.373 min
Delta R.T.: -0.002 min
Response: 438789566
Conc: 347.42 ng/ml



#4 2,4-DCAA

R.T.: 6.808 min
Delta R.T.: -0.005 min
Response: 131893936
Conc: 314.45 ng/ml m



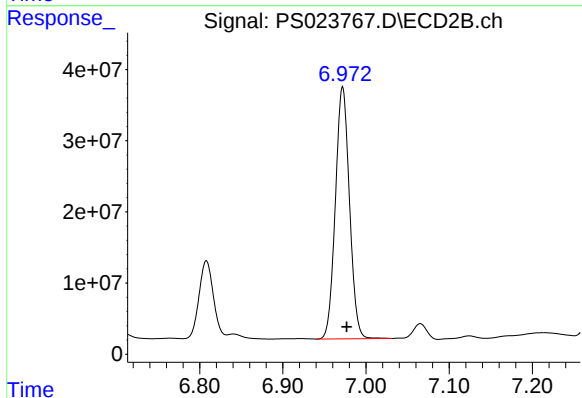
#5 DICAMBA

R.T.: 6.516 min
Delta R.T.: -0.003 min
Response: 1409432000
Conc: 252.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
GATE-1MSD

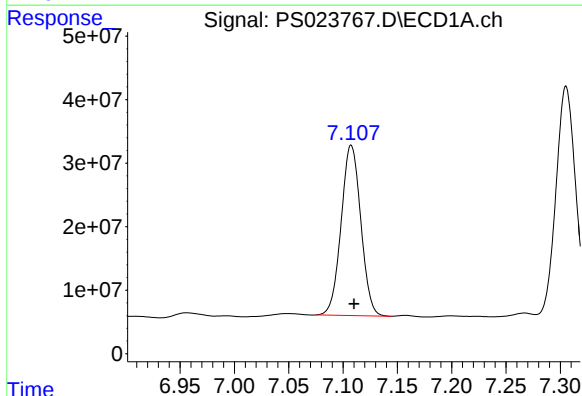
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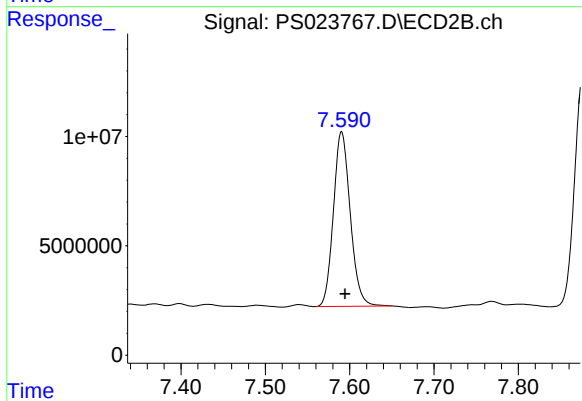
#5 DICAMBA

R.T.: 6.972 min
Delta R.T.: -0.005 min
Response: 416776813
Conc: 230.06 ng/ml



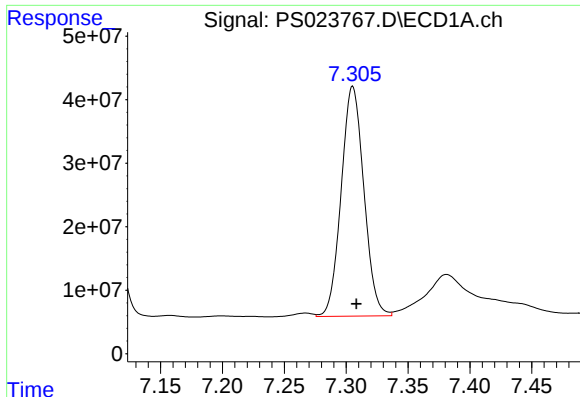
#8 DICHLORPROP

R.T.: 7.108 min
Delta R.T.: -0.003 min
Response: 337847302
Conc: 228.44 ng/ml



#8 DICHLORPROP

R.T.: 7.590 min
Delta R.T.: -0.004 min
Response: 110750063
Conc: 238.01 ng/ml



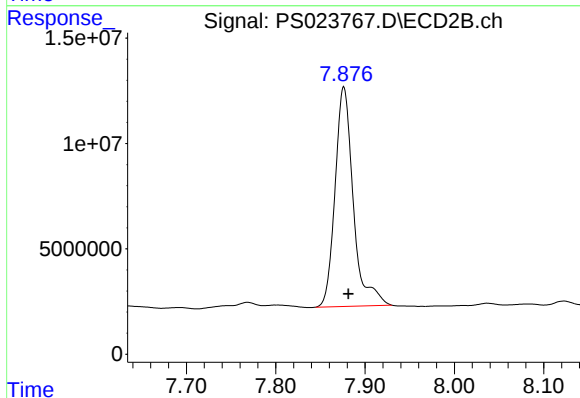
#9 2,4-D

R.T.: 7.305 min
Delta R.T.: -0.003 min
Response: 461857862
Conc: 267.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
GATE-1MSD

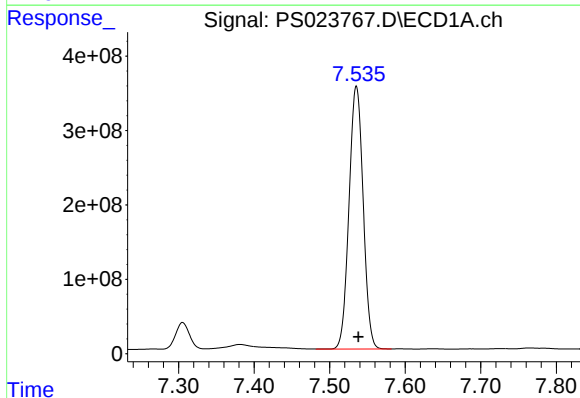
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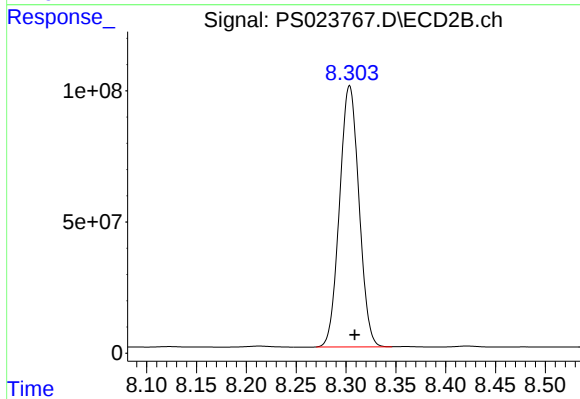
#9 2,4-D

R.T.: 7.876 min
Delta R.T.: -0.005 min
Response: 147629269
Conc: 273.00 ng/ml



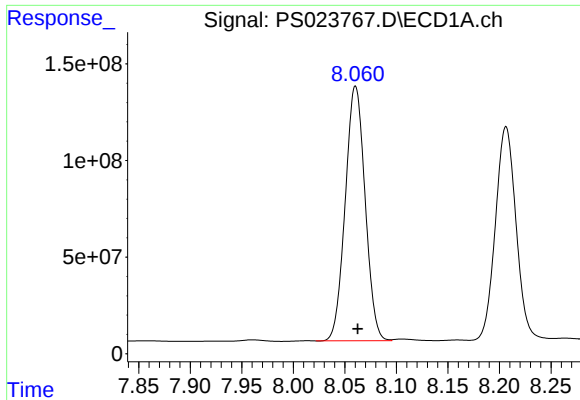
#10 Pentachlorophenol

R.T.: 7.535 min
Delta R.T.: -0.003 min
Response: 4587603953
Conc: 218.60 ng/ml



#10 Pentachlorophenol

R.T.: 8.304 min
Delta R.T.: -0.005 min
Response: 1351999016
Conc: 201.92 ng/ml



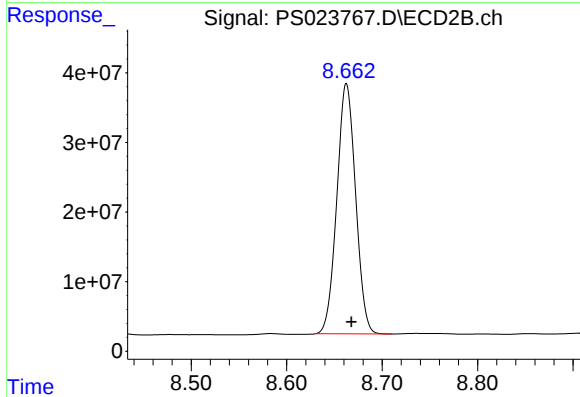
#11 2,4,5-TP (SILVEX)

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 1769212318
Conc: 211.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
GATE-1MSD

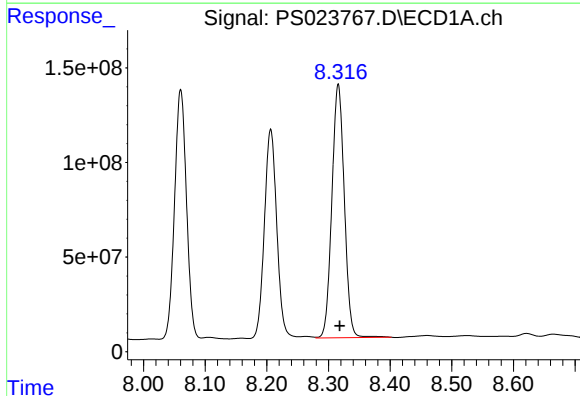
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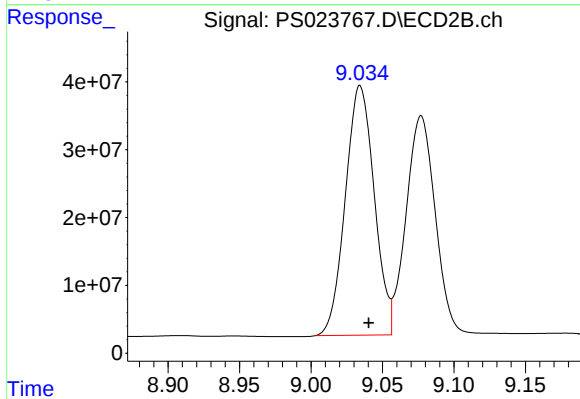
#11 2,4,5-TP (SILVEX)

R.T.: 8.663 min
Delta R.T.: -0.005 min
Response: 491891607
Conc: 196.97 ng/ml



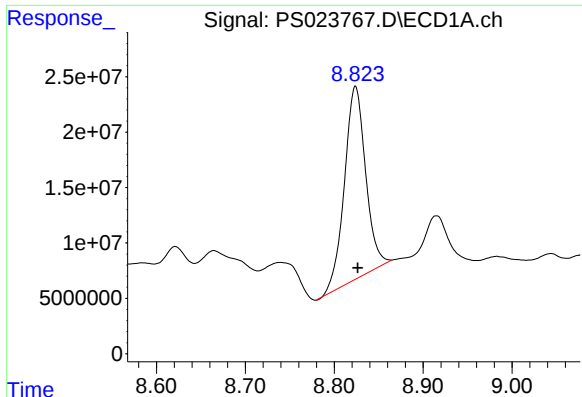
#12 2,4,5-T

R.T.: 8.316 min
Delta R.T.: -0.002 min
Response: 1876252484
Conc: 232.13 ng/ml



#12 2,4,5-T

R.T.: 9.034 min
Delta R.T.: -0.006 min
Response: 518274172
Conc: 212.40 ng/ml



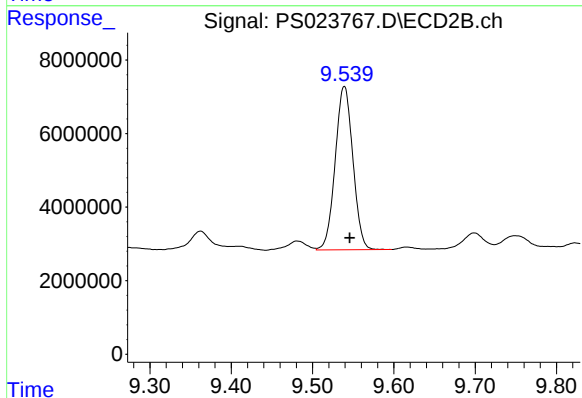
#13 2,4-DB

R.T.: 8.824 min
Delta R.T.: -0.003 min
Response: 287123648
Conc: 291.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
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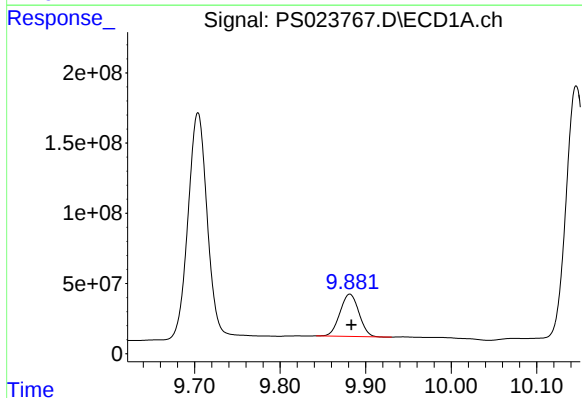
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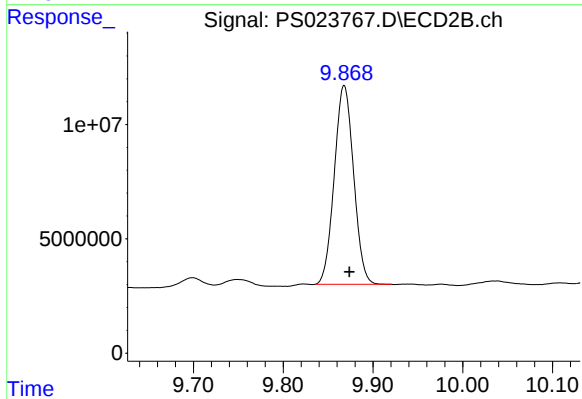
#13 2,4-DB

R.T.: 9.539 min
Delta R.T.: -0.007 min
Response: 67123974
Conc: 215.73 ng/ml



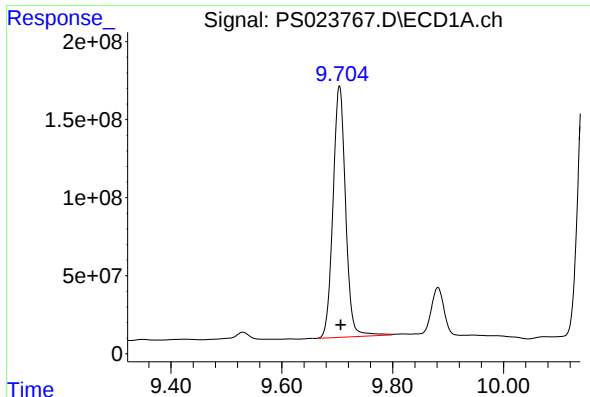
#14 DINOSEB

R.T.: 9.881 min
Delta R.T.: -0.002 min
Response: 460879590
Conc: 79.00 ng/ml



#14 DINOSEB

R.T.: 9.868 min
Delta R.T.: -0.006 min
Response: 129984510
Conc: 73.74 ng/ml



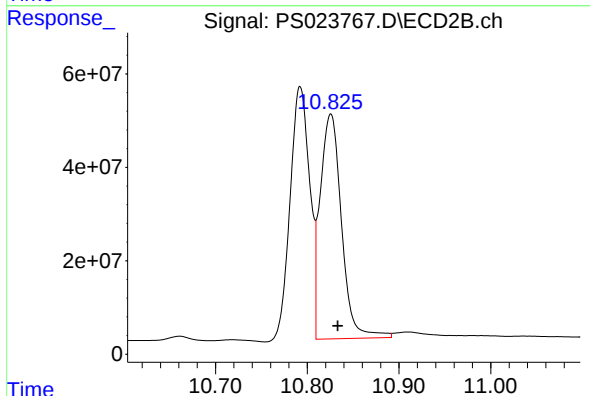
#15 Picloram

R.T.: 9.704 min
Delta R.T.: -0.002 min
Response: 2540878716
Conc: 216.70 ng/ml

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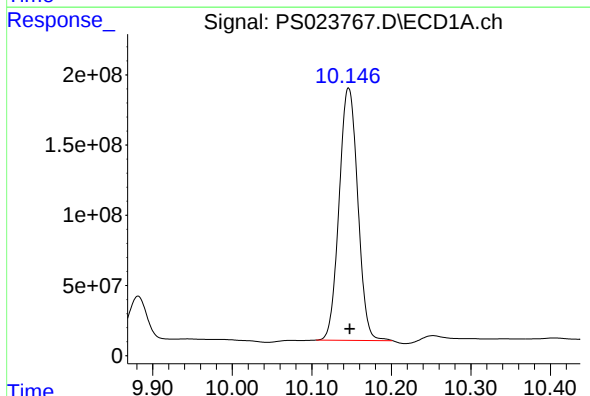
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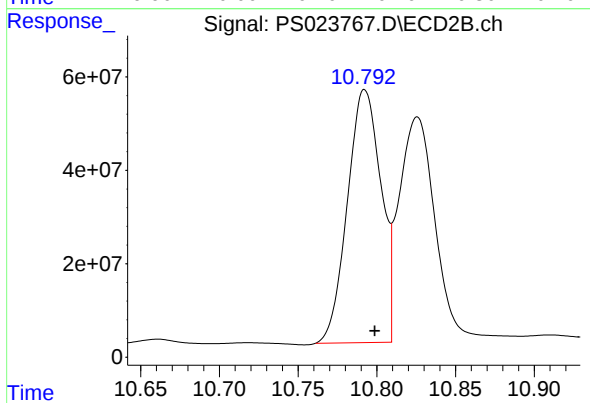
#15 Picloram

R.T.: 10.826 min
Delta R.T.: -0.008 min
Response: 778062331
Conc: 183.94 ng/ml



#16 DCPA

R.T.: 10.146 min
Delta R.T.: -0.001 min
Response: 2927060805
Conc: 311.13 ng/ml



#16 DCPA

R.T.: 10.792 min
Delta R.T.: -0.006 min
Response: 803742506
Conc: 289.72 ng/ml