

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
 Data File : PS031049.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2025 02:00
 Operator : AR\AJ
 Sample : PB168825BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168825BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2025
 Supervised By :mohammad ahmed 07/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 03:33:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
 Quant Title : 8080.M
 QLast Update : Mon Jul 14 05:51:06 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 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	7.329	7.767	1724.7E6	456.4E6	436.069	440.507
Target Compounds							
1) T	Dalapon	2.684	2.707	4116.3E6	2104.7E6	675.724m	740.349m
2) T	3,5-DICHL...	6.490	6.714	2247.3E6	611.5E6	428.980	394.428m
3) T	4-Nitroph...	7.128	7.301	646.3E6	614.3E6	478.755m	352.234 #
5) T	DICAMBA	7.518	7.970	6299.7E6	2506.4E6	401.489	387.000
6) T	MCPD	7.697	8.068	353.9E6	73660265	38.464	34.454
7) T	MCPA	7.847	8.314	473.8E6	116.8E6	43.443	36.428m
8) T	DICHLORPROP	8.229	8.688	1628.0E6	655.5E6	478.089	431.492m
9) T	2,4-D	8.462	9.025	1796.8E6	848.1E6	583.665	499.046
10) T	Pentachlo...	8.768	9.549	25369.2E6	16949.0E6	504.743	439.834
11) T	2,4,5-TP ...	9.346	9.929	9765.3E6	7138.2E6	524.715m	486.393
12) T	2,4,5-T	9.640	10.356	7889.0E6	5852.4E6	518.556m	418.276
13) T	2,4-DB	10.219	10.924	935.9E6	469.6E6	431.136m	396.869
14) T	DINOSEB	11.432	11.309	5198.6E6	3733.3E6	394.318	328.882
15) T	Picloram	11.244	12.418	6831.2E6	10131.2E6	468.788	431.468m
16) T	DCPA	11.728	12.352	9261.7E6	9186.3E6	386.917	407.340m

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

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Acq On : 16 Jul 2025 02:00
Operator : AR\AJ
Sample : PB168825BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

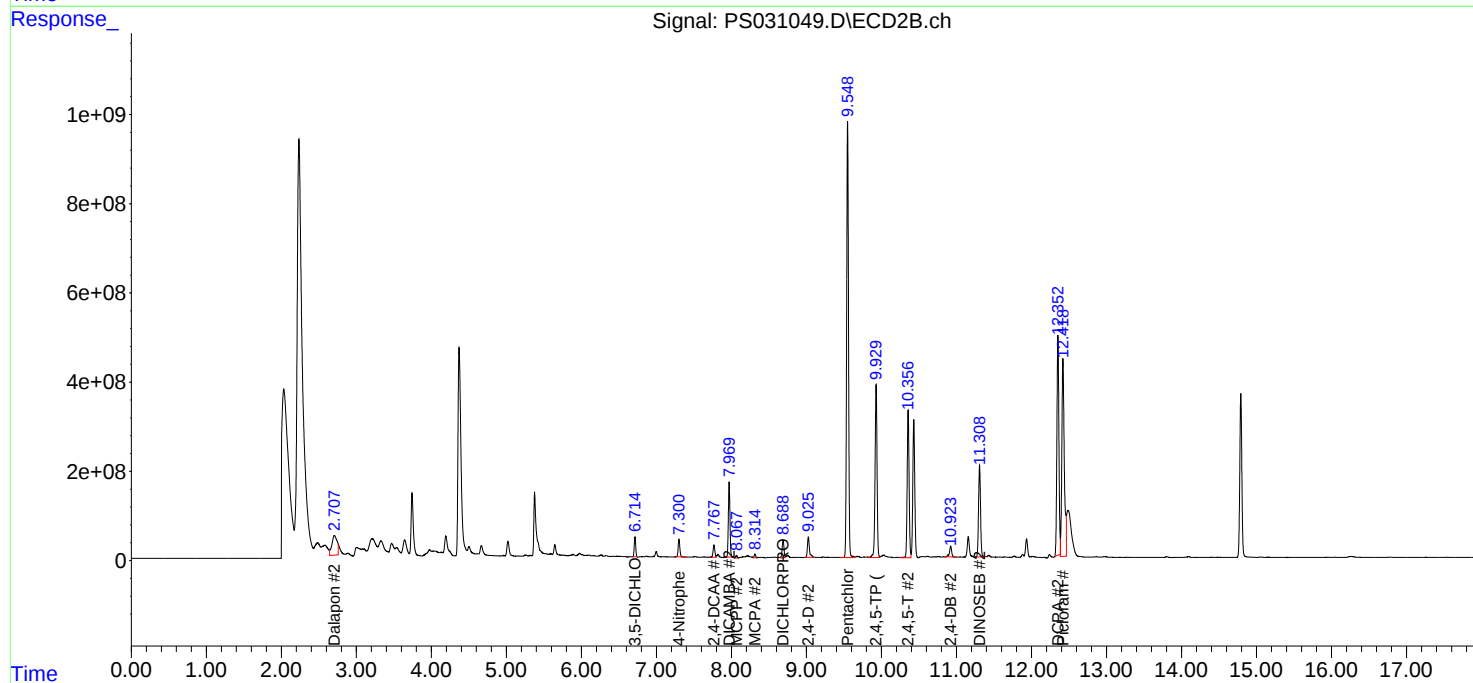
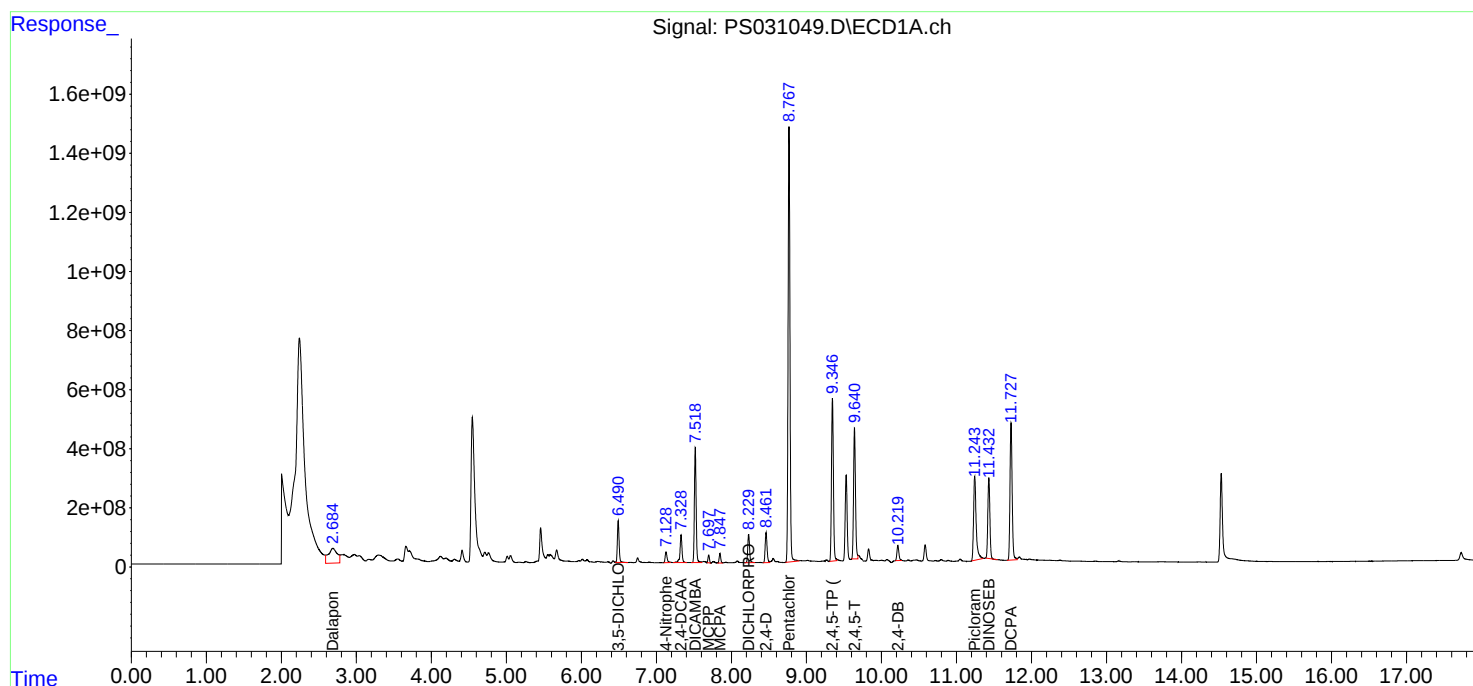
Instrument :
ECD_S
ClientSampleId :
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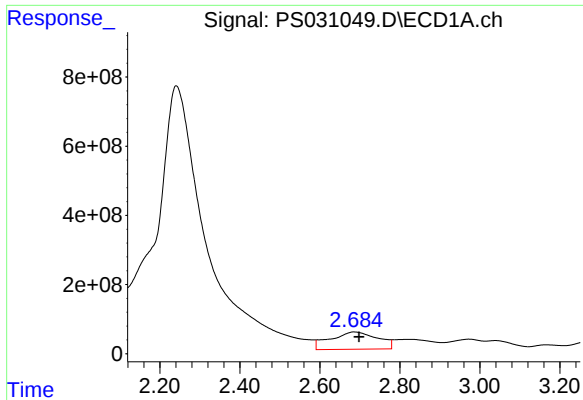
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Integration File signal 1: autoint1.e
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Quant Time: Jul 16 03:33:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
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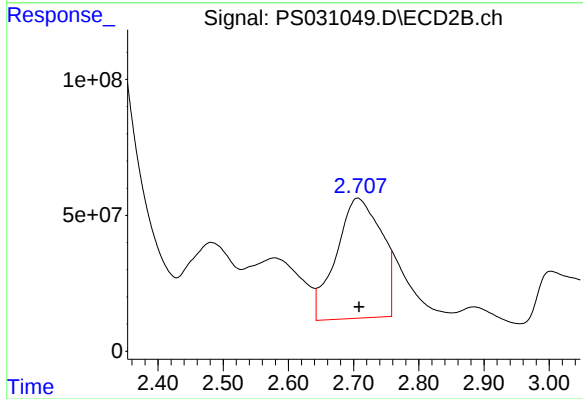
#1 Dalapon

R.T.: 2.684 min
Delta R.T.: -0.014 min
Response: 4116321502
Conc: 675.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168825BS

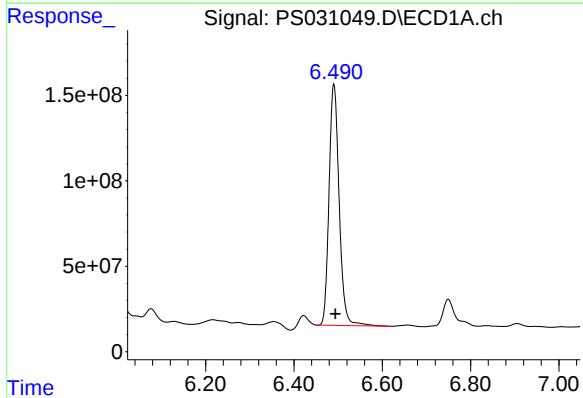
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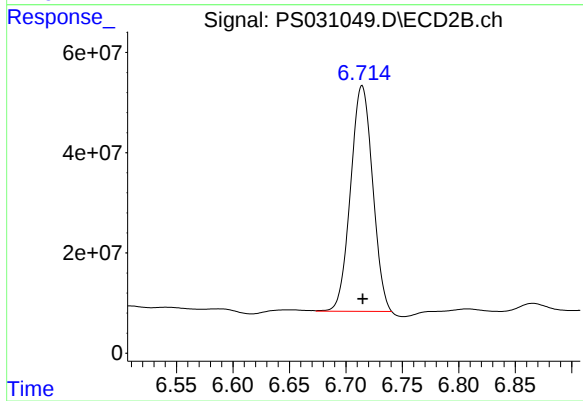
#1 Dalapon

R.T.: 2.707 min
Delta R.T.: -0.002 min
Response: 2104708282
Conc: 740.35 ng/ml m



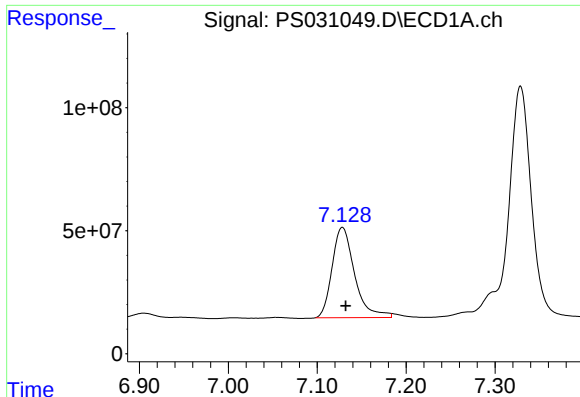
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.490 min
Delta R.T.: -0.004 min
Response: 2247256333
Conc: 428.98 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 611496243
Conc: 394.43 ng/ml m



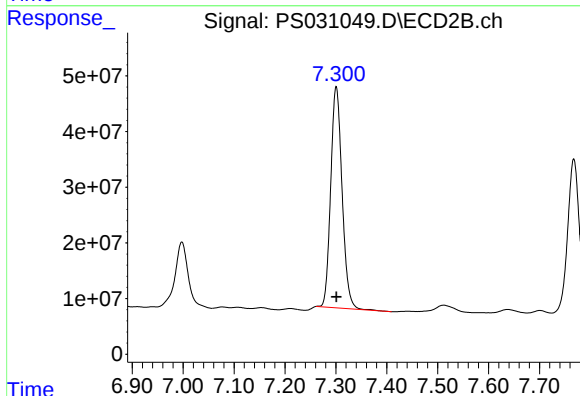
#3 4-Nitrophenol

R.T.: 7.128 min
Delta R.T.: -0.004 min
Response: 646323274
Conc: 478.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168825BS

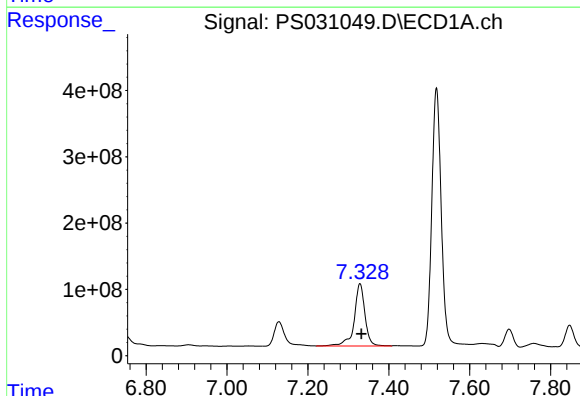
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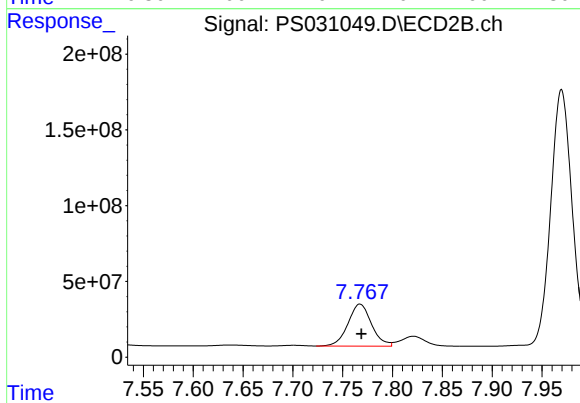
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 614257120
Conc: 352.23 ng/ml



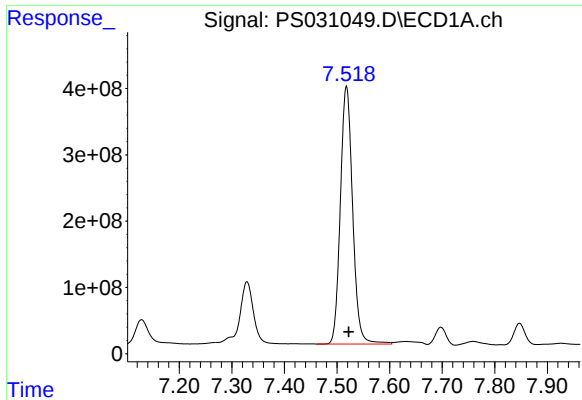
#4 2,4-DCAA

R.T.: 7.329 min
Delta R.T.: -0.004 min
Response: 1724685164
Conc: 436.07 ng/ml



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.001 min
Response: 456379406
Conc: 440.51 ng/ml



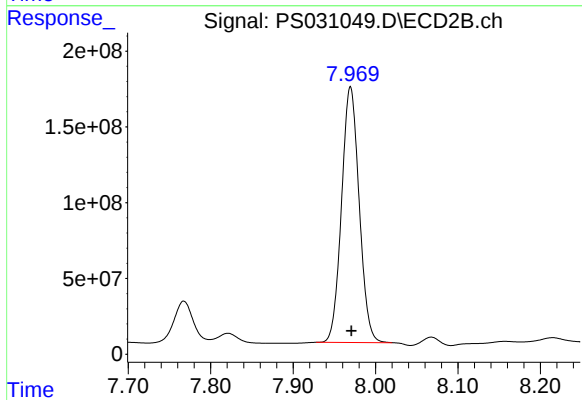
#5 DICAMBA

R.T.: 7.518 min
Delta R.T.: -0.004 min
Response: 6299726766
Conc: 401.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168825BS

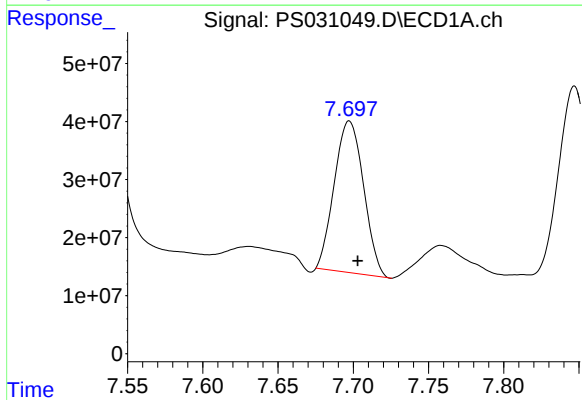
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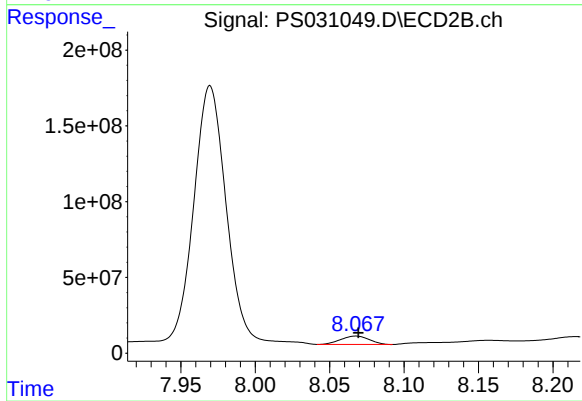
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 2506374785
Conc: 387.00 ng/ml



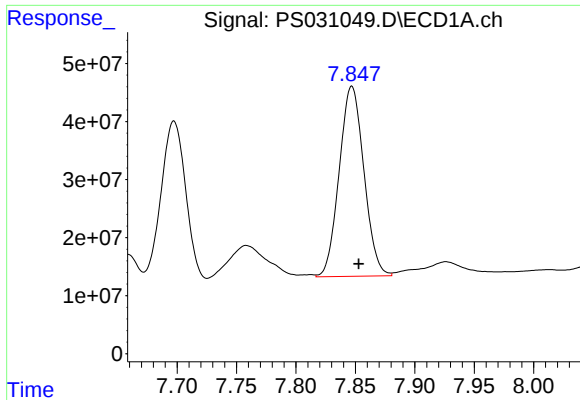
#6 MCP

R.T.: 7.697 min
Delta R.T.: -0.006 min
Response: 353922613
Conc: 38.46 ug/ml



#6 MCP

R.T.: 8.068 min
Delta R.T.: -0.002 min
Response: 73660265
Conc: 34.45 ug/ml



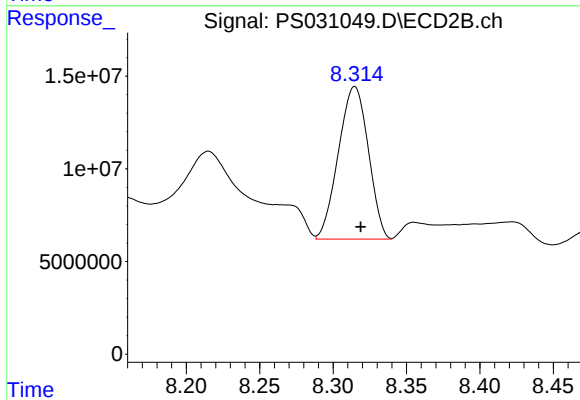
#7 MCPA

R.T.: 7.847 min
Delta R.T.: -0.006 min
Response: 473822076
Conc: 43.44 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168825BS

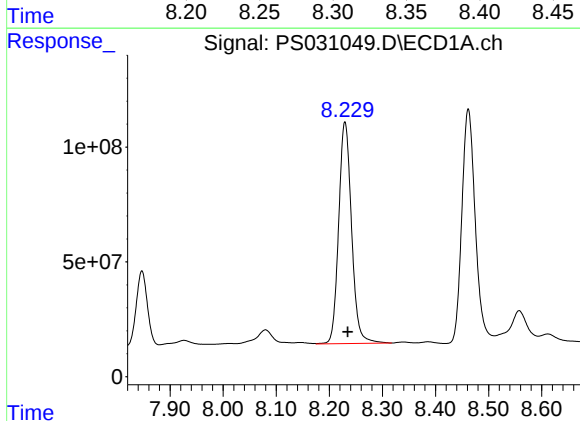
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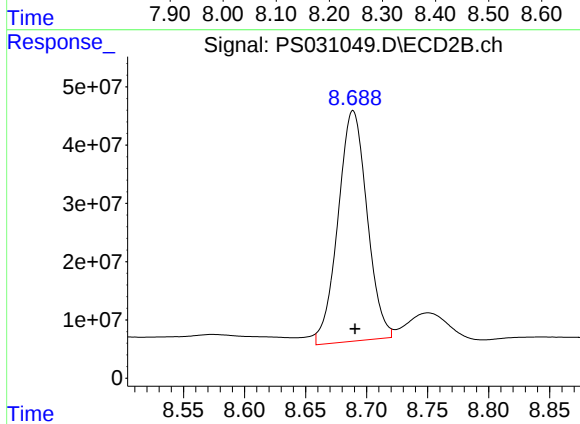
#7 MCPA

R.T.: 8.314 min
Delta R.T.: -0.004 min
Response: 116775674
Conc: 36.43 ug/ml m



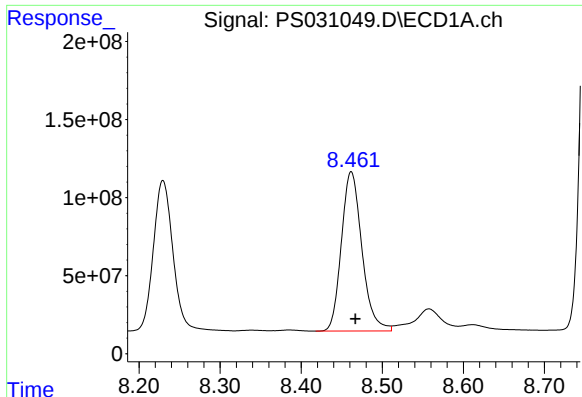
#8 DICHLORPROP

R.T.: 8.229 min
Delta R.T.: -0.005 min
Response: 1627965368
Conc: 478.09 ng/ml



#8 DICHLORPROP

R.T.: 8.688 min
Delta R.T.: -0.002 min
Response: 655548729
Conc: 431.49 ng/ml m



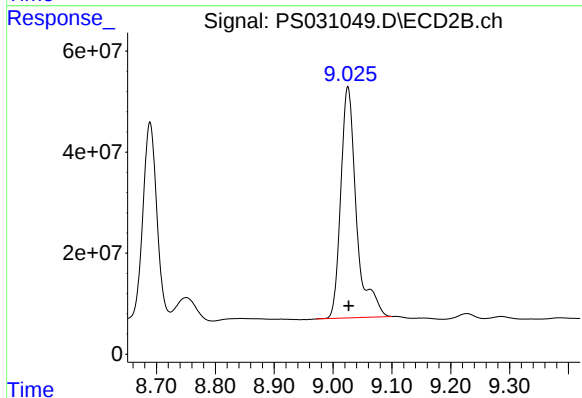
#9 2,4-D

R.T.: 8.462 min
Delta R.T.: -0.005 min
Response: 1796776106
Conc: 583.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168825BS

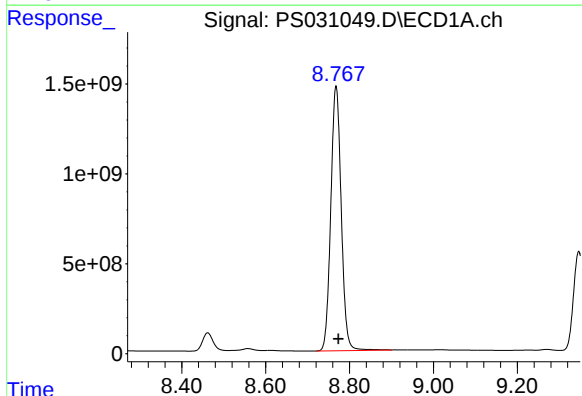
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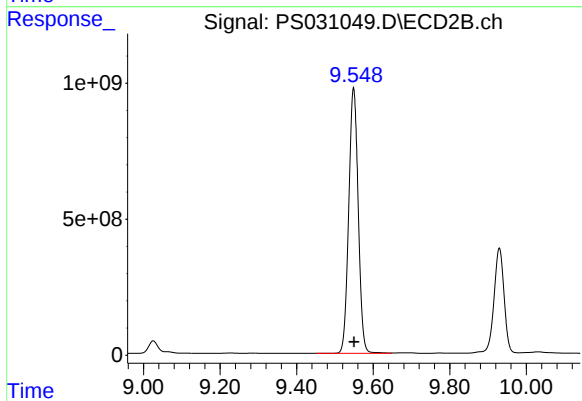
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: -0.002 min
Response: 848110400
Conc: 499.05 ng/ml



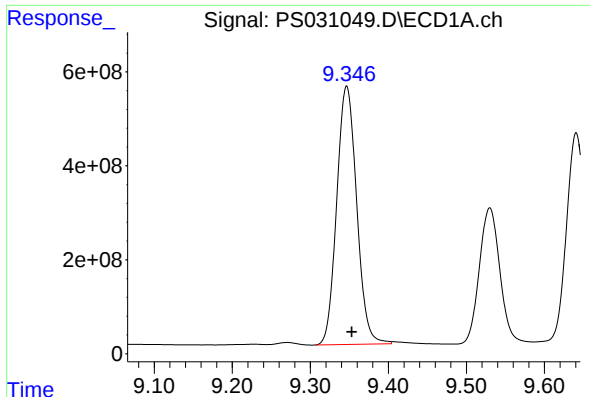
#10 Pentachlorophenol

R.T.: 8.768 min
Delta R.T.: -0.005 min
Response: 25369158909
Conc: 504.74 ng/ml



#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: -0.002 min
Response: 16949030712
Conc: 439.83 ng/ml



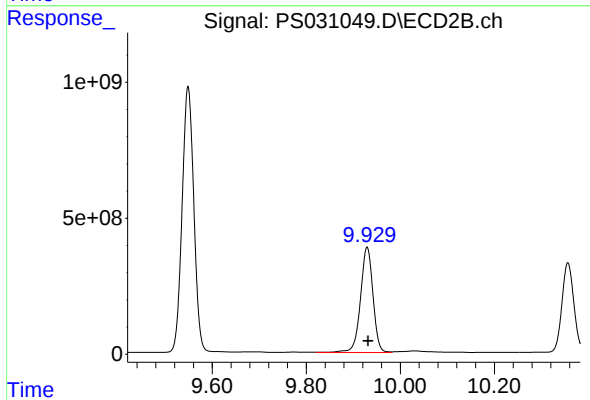
#11 2,4,5-TP (SILVEX)

R.T.: 9.346 min
Delta R.T.: -0.007 min
Response: 9765331746
Conc: 524.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168825BS

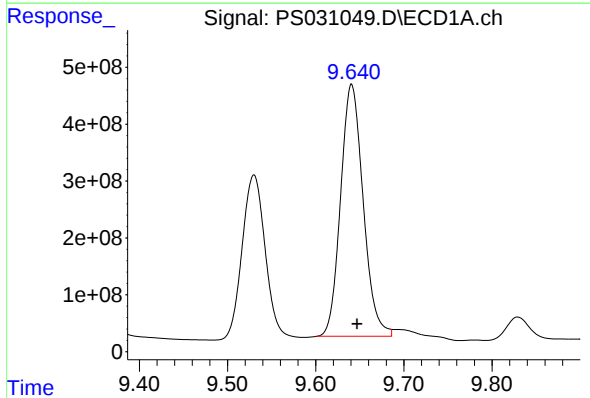
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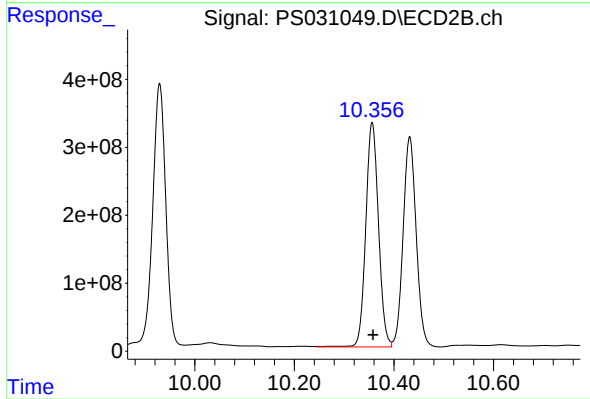
#11 2,4,5-TP (SILVEX)

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 7138197501
Conc: 486.39 ng/ml



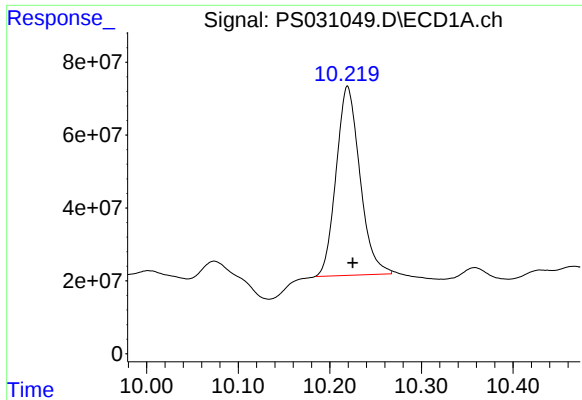
#12 2,4,5-T

R.T.: 9.640 min
Delta R.T.: -0.007 min
Response: 7888952020
Conc: 518.56 ng/ml m



#12 2,4,5-T

R.T.: 10.356 min
Delta R.T.: -0.002 min
Response: 5852442309
Conc: 418.28 ng/ml



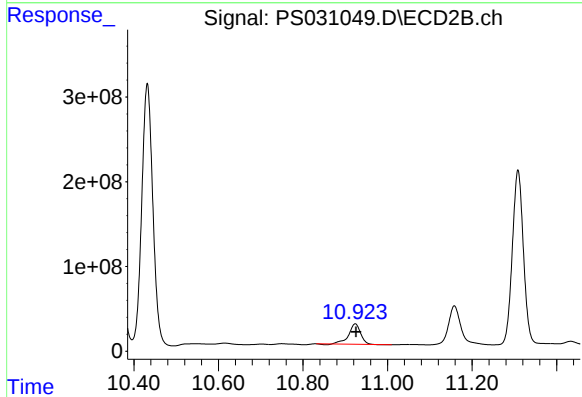
#13 2,4-DB

R.T.: 10.219 min
Delta R.T.: -0.006 min
Response: 935904774
Conc: 431.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168825BS

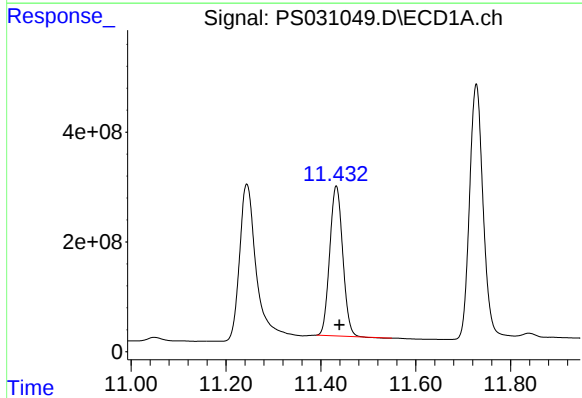
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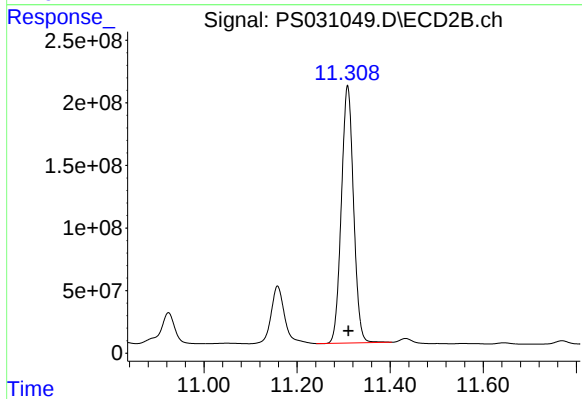
#13 2,4-DB

R.T.: 10.924 min
Delta R.T.: -0.002 min
Response: 469568029
Conc: 396.87 ng/ml



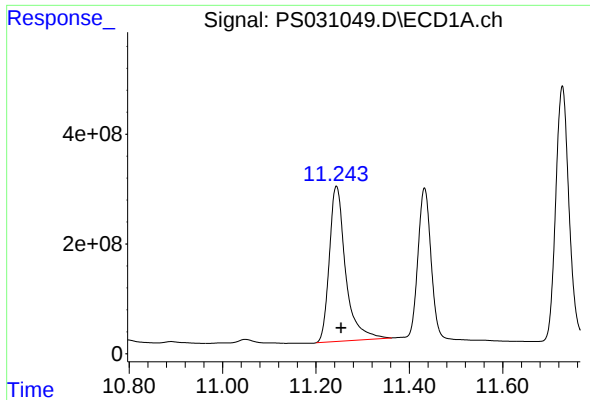
#14 DINOSEB

R.T.: 11.432 min
Delta R.T.: -0.007 min
Response: 5198649285
Conc: 394.32 ng/ml



#14 DINOSEB

R.T.: 11.309 min
Delta R.T.: -0.002 min
Response: 3733315031
Conc: 328.88 ng/ml



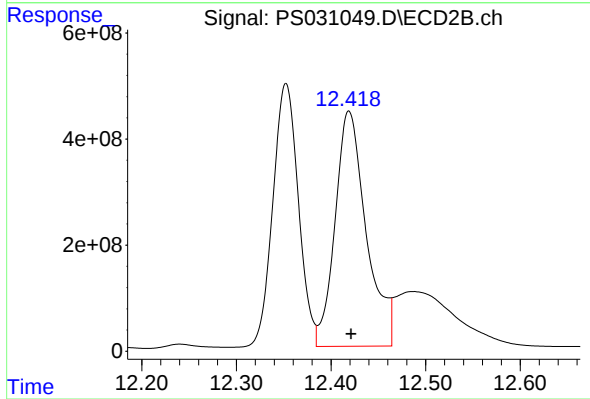
#15 Picloram

R.T.: 11.244 min
Delta R.T.: -0.010 min
Response: 6831161505
Conc: 468.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
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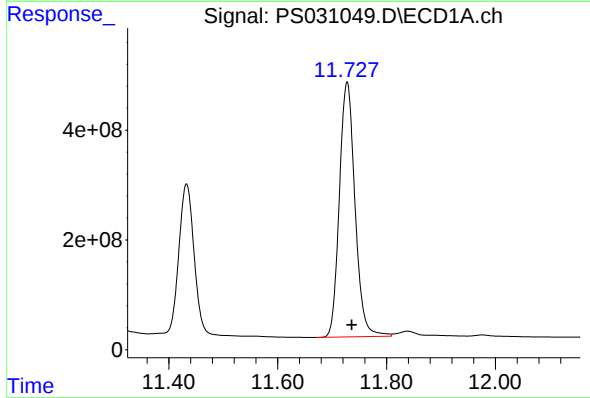
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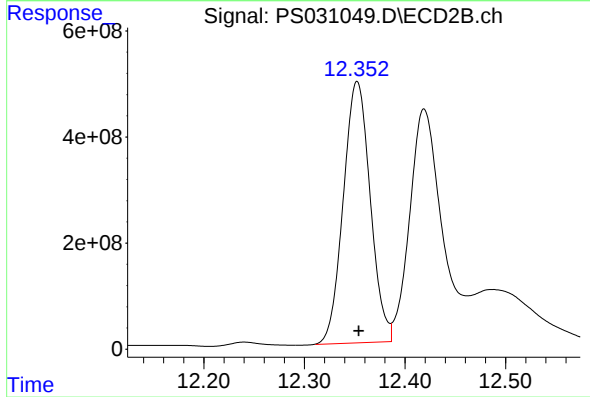
#15 Picloram

R.T.: 12.418 min
Delta R.T.: -0.003 min
Response: 10131155331
Conc: 431.47 ng/ml m



#16 DCPA

R.T.: 11.728 min
Delta R.T.: -0.008 min
Response: 9261710918
Conc: 386.92 ng/ml



#16 DCPA

R.T.: 12.352 min
Delta R.T.: -0.002 min
Response: 9186335941
Conc: 407.34 ng/ml m