

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071625\
 Data File : PS031082.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2025 22:43
 Operator : AR\AJ
 Sample : PB168871BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168871BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/17/2025
 Supervised By :mohammad ahmed 07/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 02:18:09 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	7.769	2314.0E6	530.2E6	585.070	511.731
Target Compounds							
1) T	Dalapon	2.692	2.705	2910.5E6	1300.8E6	477.772m	457.571
2) T	3,5-DICHL...	6.490	6.715	2808.5E6	729.0E6	536.118	470.239
3) T	4-Nitroph...	7.129	7.302	873.7E6	816.6E6	647.201	468.248 #
5) T	DICAMBA	7.518	7.971	8384.3E6	3133.3E6	534.339	483.795
6) T	MCPD	7.698	8.068	462.5E6	102.2E6	50.268	47.795
7) T	MCPA	7.847	8.317	599.1E6	152.4E6	54.933	47.531
8) T	DICHLORPROP	8.230	8.691	1882.2E6	744.0E6	552.762	489.697
9) T	2,4-D	8.462	9.027	1925.4E6	831.9E6	625.447	489.498
10) T	Pentachlo...	8.768	9.550	29817.6E6	19744.2E6	593.248	512.371
11) T	2,4,5-TP ...	9.348	9.932	11126.5E6	7368.2E6	597.854	502.062
12) T	2,4,5-T	9.641	10.359	10401.8E6	7017.5E6	683.727	501.545 #
13) T	2,4-DB	10.219	10.927	1603.7E6	588.0E6	738.755	496.932 #
14) T	DINOSEB	11.433	11.310	7540.7E6	5288.3E6	571.962	465.866
15) T	Picloram	11.246	12.423	10814.4E6	11977.5E6	742.135	510.100 #
16) T	DCPA	11.731	12.355	15036.1E6	11415.4E6	628.148	506.182

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

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Data File : PS031082.D
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Acq On : 16 Jul 2025 22:43
Operator : AR\AJ
Sample : PB168871BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

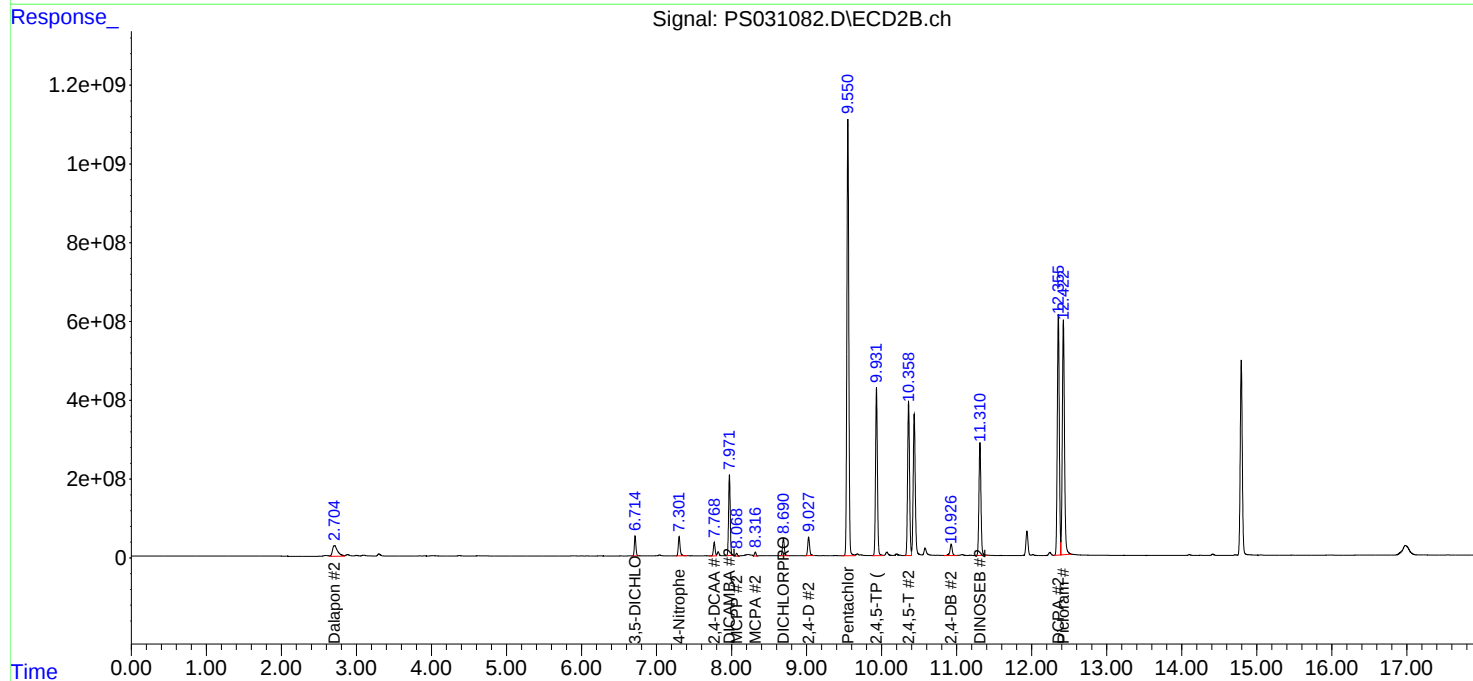
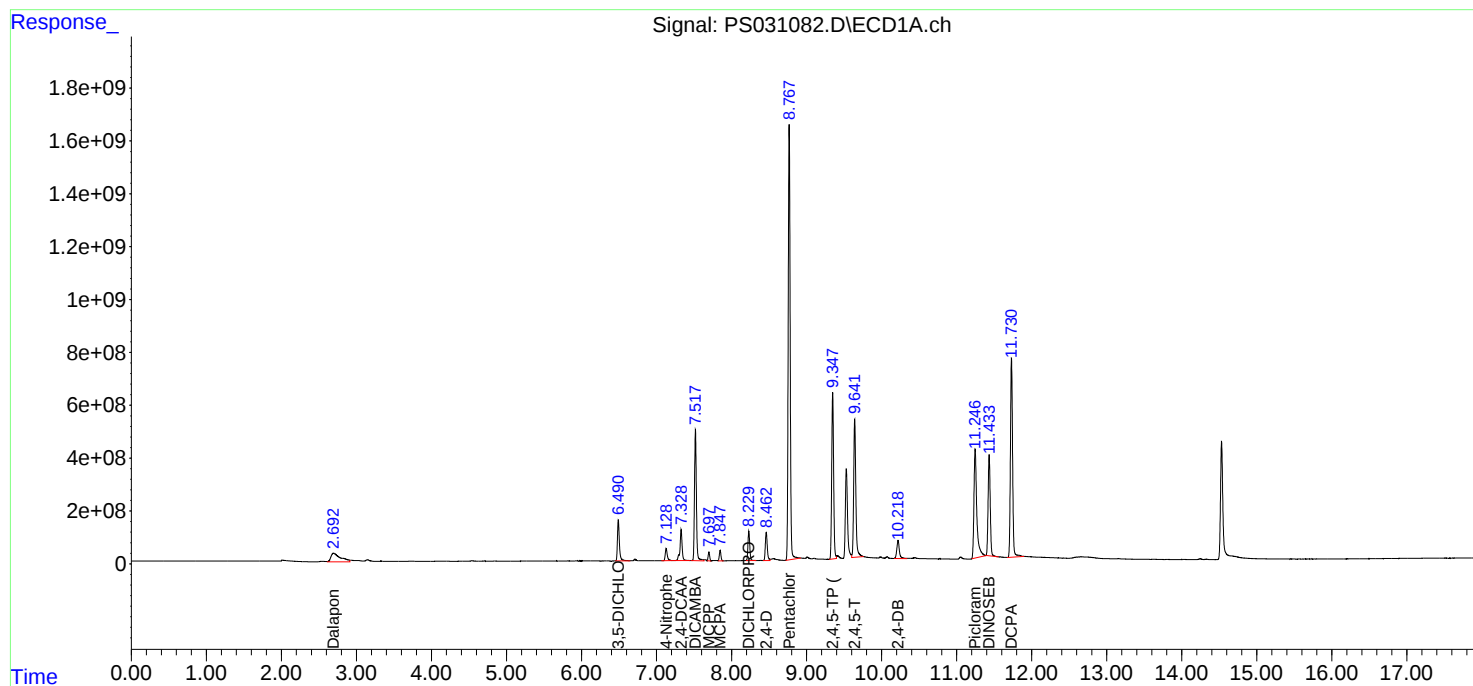
Instrument :
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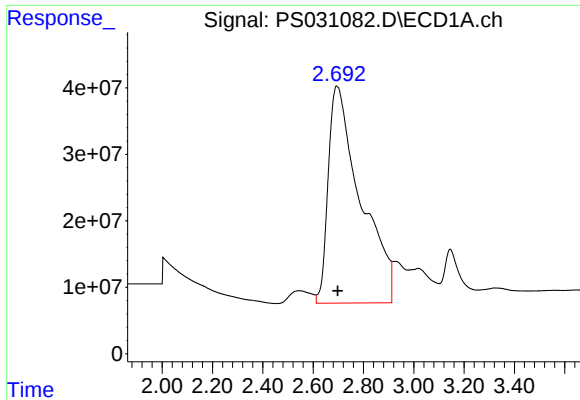
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 02:18:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 2025
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





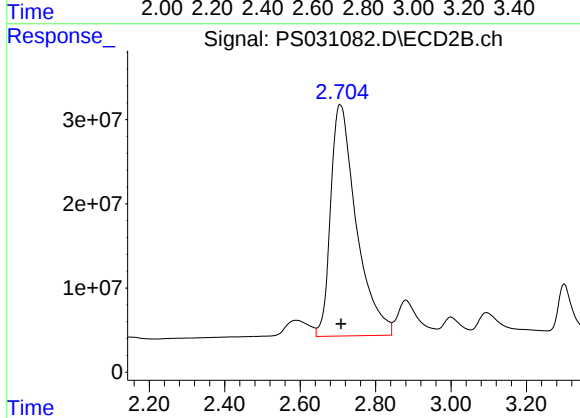
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: -0.006 min
Response: 2910456635
Conc: 477.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168871BSD

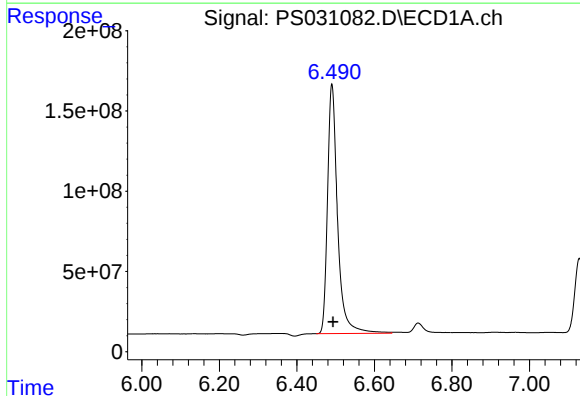
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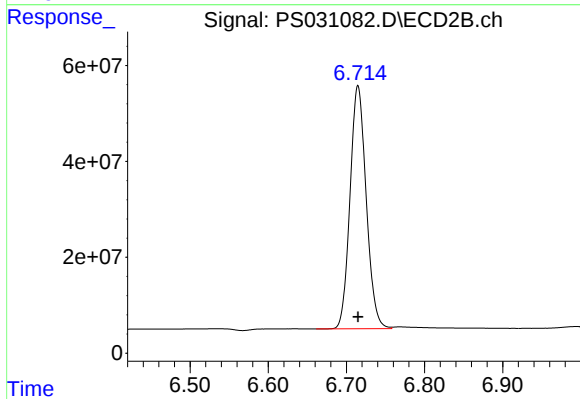
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.003 min
Response: 1300808400
Conc: 457.57 ng/ml



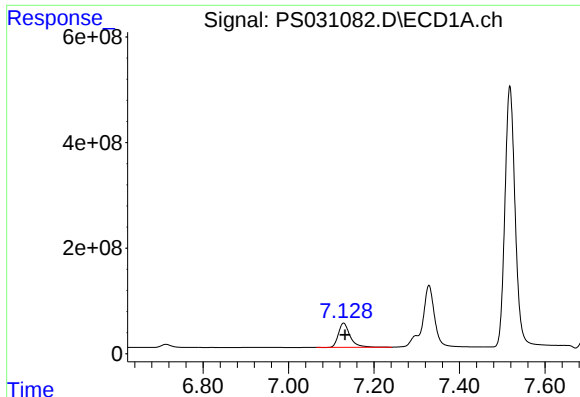
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.490 min
Delta R.T.: -0.003 min
Response: 2808510287
Conc: 536.12 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 729028961
Conc: 470.24 ng/ml



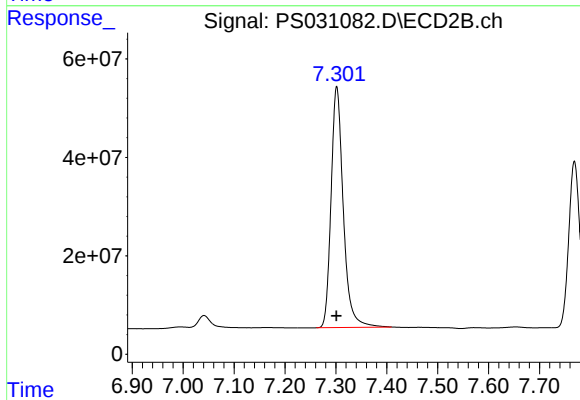
#3 4-Nitrophenol

R.T.: 7.129 min
Delta R.T.: -0.004 min
Response: 873725809
Conc: 647.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168871BSD

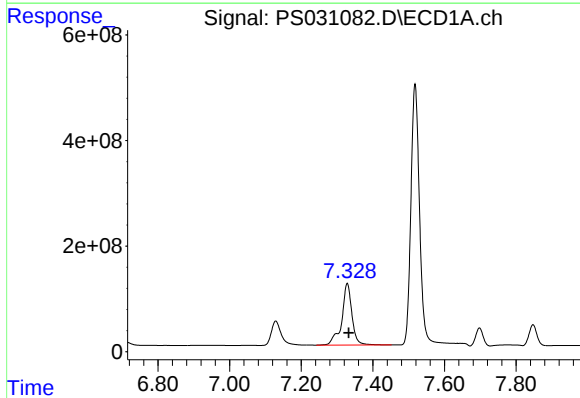
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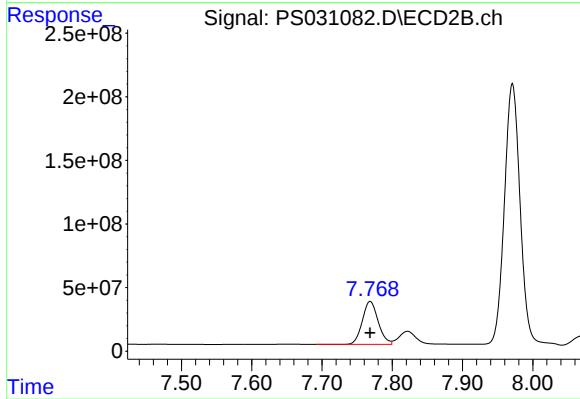
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: 0.000 min
Response: 816572937
Conc: 468.25 ng/ml



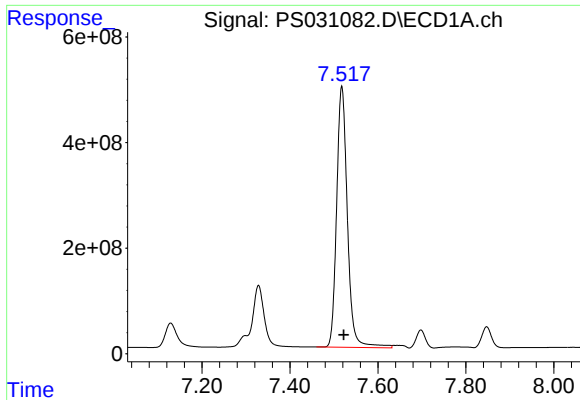
#4 2,4-DCAA

R.T.: 7.329 min
Delta R.T.: -0.004 min
Response: 2313996975
Conc: 585.07 ng/ml



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 530169960
Conc: 511.73 ng/ml



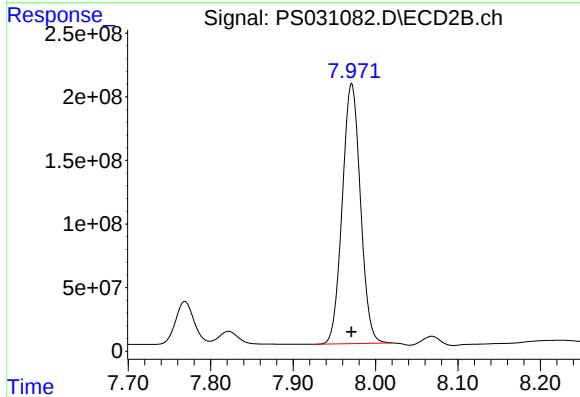
#5 DICAMBA

R.T.: 7.518 min
Delta R.T.: -0.004 min
Response: 8384261937
Conc: 534.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168871BSD

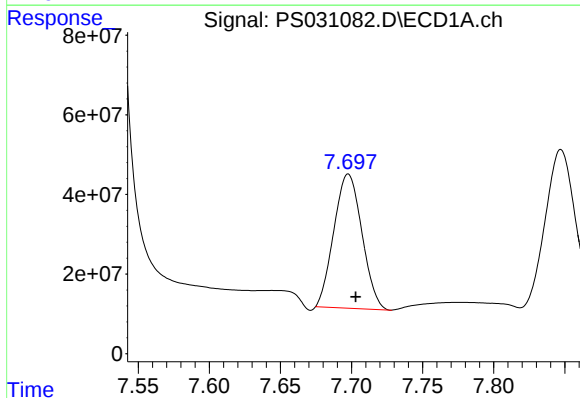
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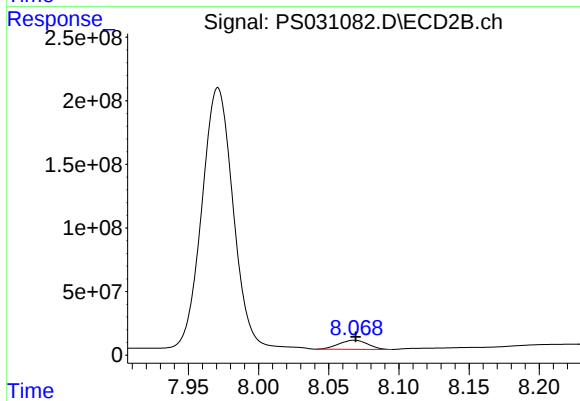
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 3133258427
Conc: 483.79 ng/ml



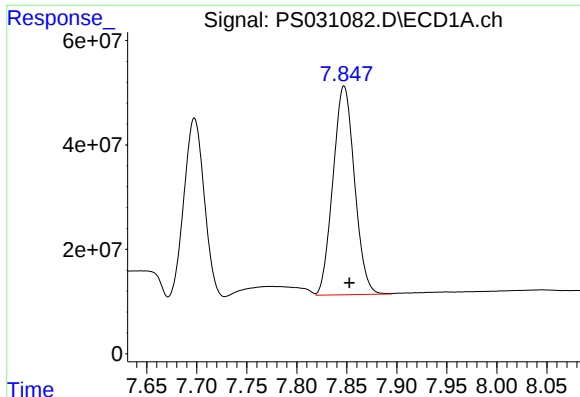
#6 MCPP

R.T.: 7.698 min
Delta R.T.: -0.005 min
Response: 462525725
Conc: 50.27 ug/ml



#6 MCPP

R.T.: 8.068 min
Delta R.T.: -0.001 min
Response: 102182690
Conc: 47.79 ug/ml



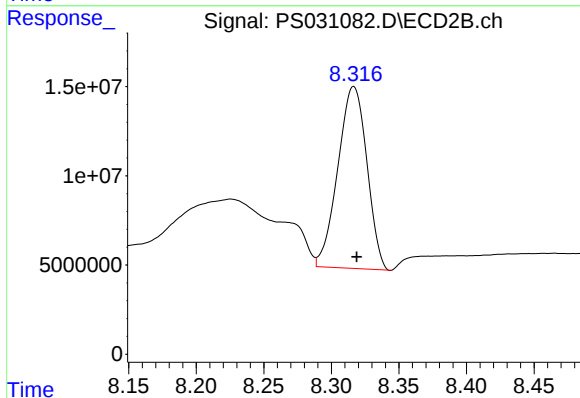
#7 MCPA

R.T.: 7.847 min
Delta R.T.: -0.006 min
Response: 599140763
Conc: 54.93 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168871BSD

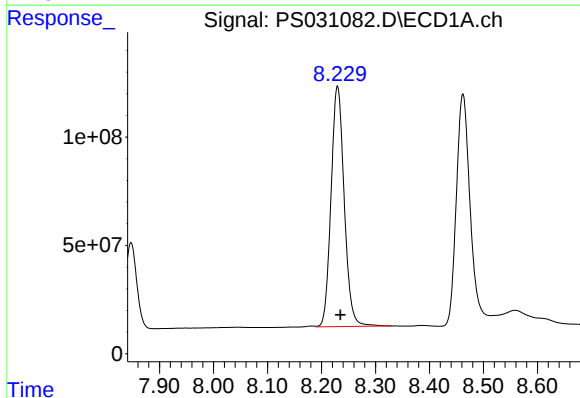
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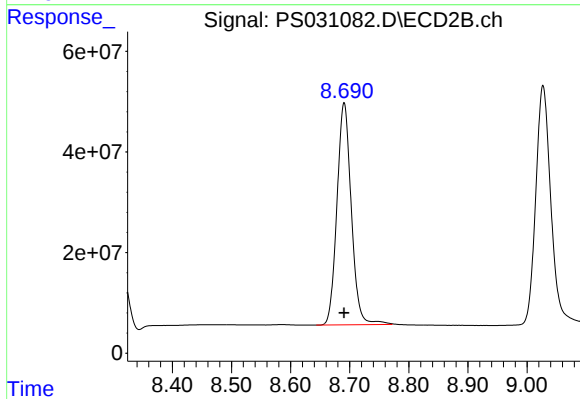
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.002 min
Response: 152367252
Conc: 47.53 ug/ml



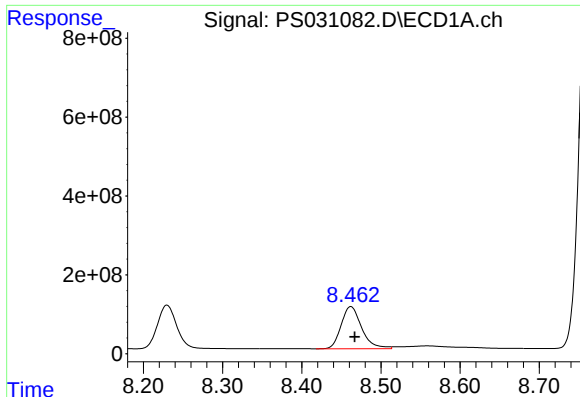
#8 DICHLORPROP

R.T.: 8.230 min
Delta R.T.: -0.005 min
Response: 1882239335
Conc: 552.76 ng/ml



#8 DICHLORPROP

R.T.: 8.691 min
Delta R.T.: 0.000 min
Response: 743977356
Conc: 489.70 ng/ml



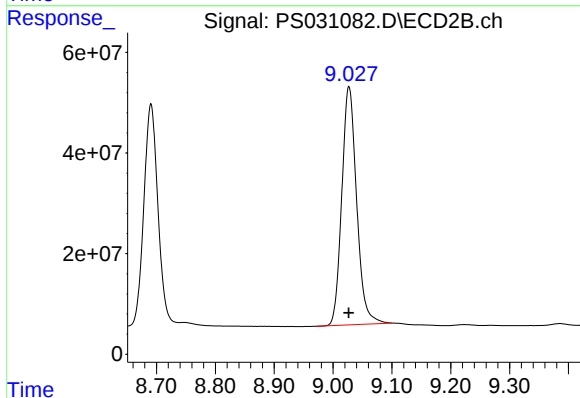
#9 2,4-D

R.T.: 8.462 min
Delta R.T.: -0.005 min
Response: 1925398207
Conc: 625.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168871BSD

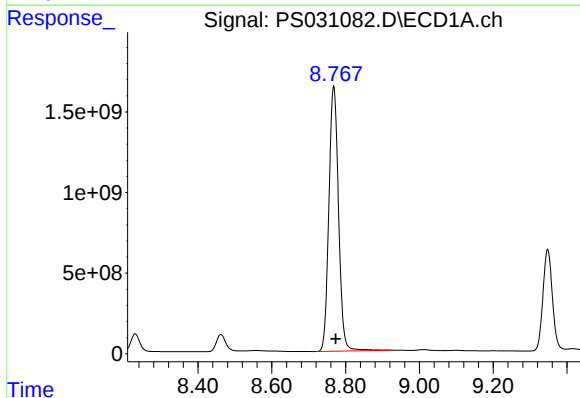
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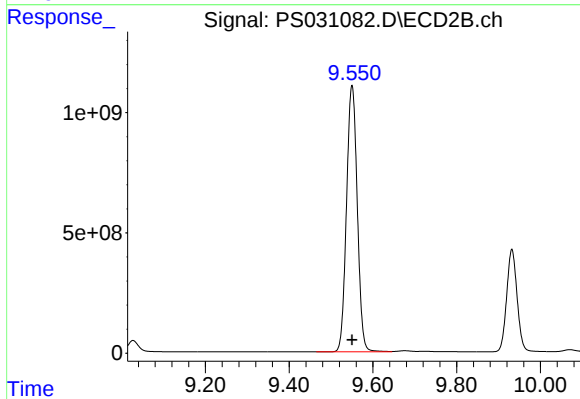
#9 2,4-D

R.T.: 9.027 min
Delta R.T.: 0.000 min
Response: 831884616
Conc: 489.50 ng/ml



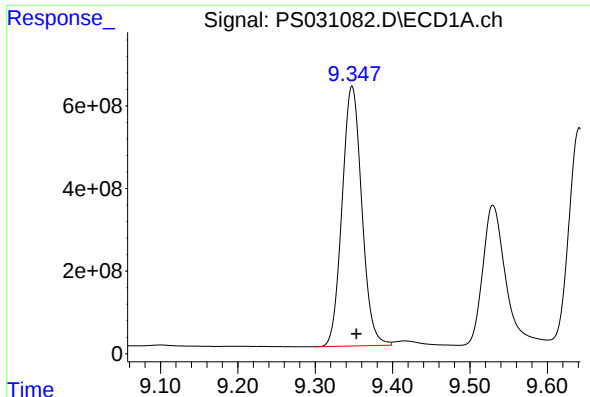
#10 Pentachlorophenol

R.T.: 8.768 min
Delta R.T.: -0.006 min
Response: 29817578556
Conc: 593.25 ng/ml



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: 0.000 min
Response: 19744232401
Conc: 512.37 ng/ml



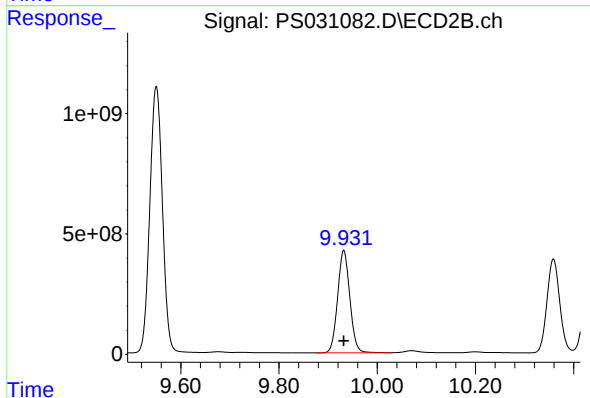
#11 2,4,5-TP (SILVEX)

R.T.: 9.348 min
Delta R.T.: -0.005 min
Response: 11126509895
Conc: 597.85 ng/ml

Instrument :
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ClientSampleId :
PB168871BSD

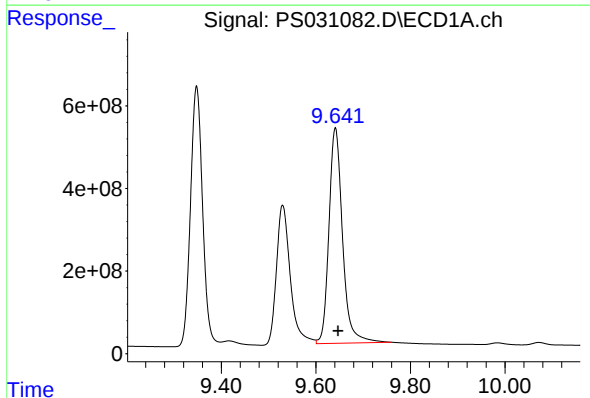
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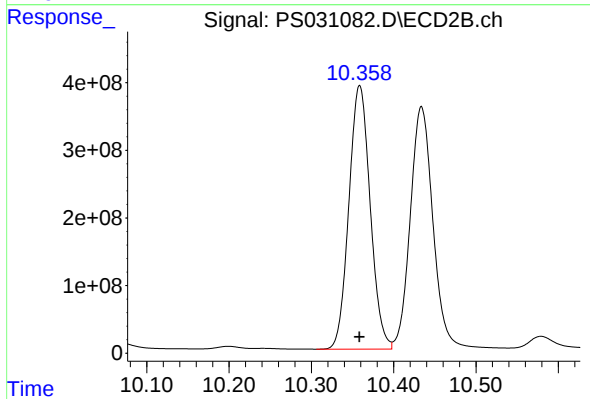
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 7368151196
Conc: 502.06 ng/ml



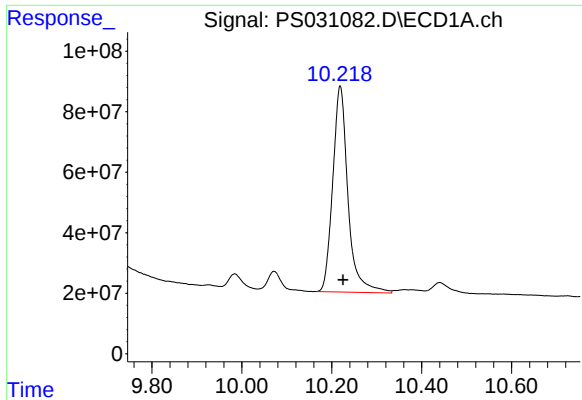
#12 2,4,5-T

R.T.: 9.641 min
Delta R.T.: -0.006 min
Response: 10401755740
Conc: 683.73 ng/ml



#12 2,4,5-T

R.T.: 10.359 min
Delta R.T.: 0.000 min
Response: 7017525207
Conc: 501.54 ng/ml



#13 2,4-DB

R.T.: 10.219 min
Delta R.T.: -0.006 min
Response: 1603680895
Conc: 738.75 ng/ml

Instrument :

ECD_S

ClientSampleId :

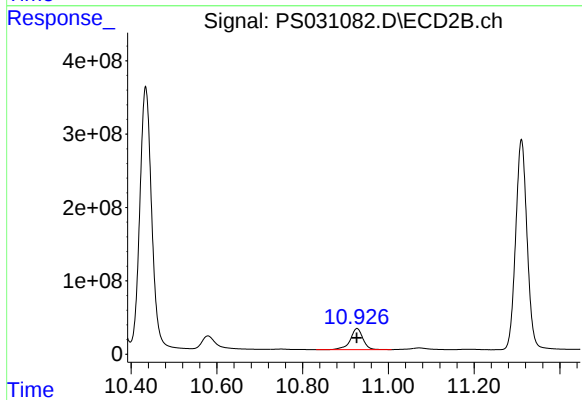
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Manual Integrations

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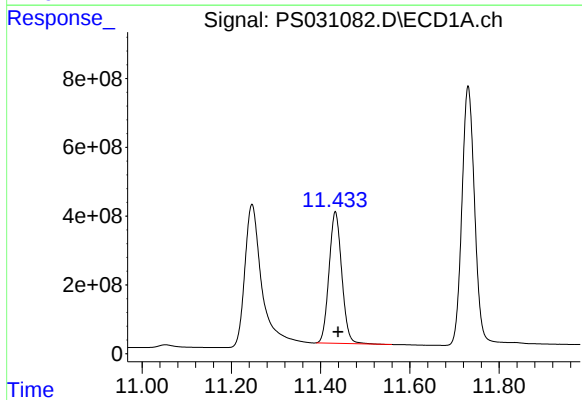
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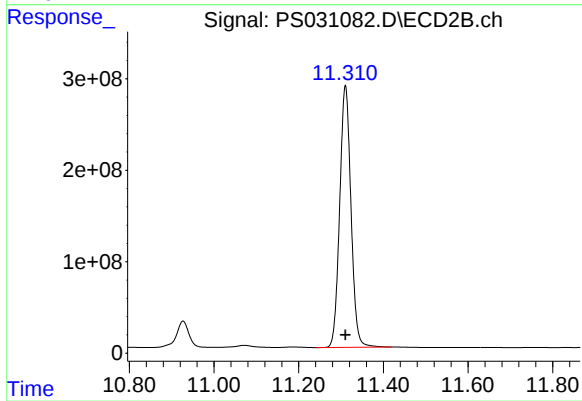
#13 2,4-DB

R.T.: 10.927 min
Delta R.T.: 0.001 min
Response: 587960469
Conc: 496.93 ng/ml



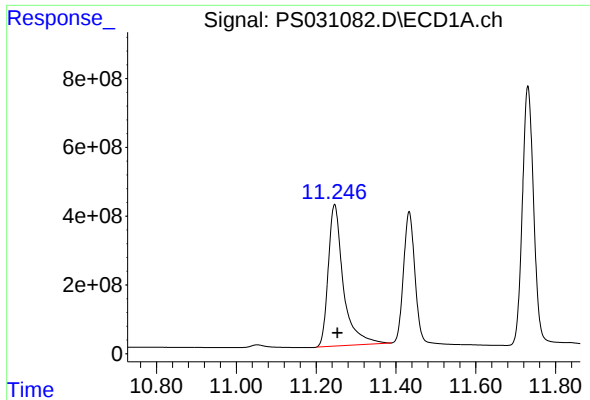
#14 DINOSEB

R.T.: 11.433 min
Delta R.T.: -0.006 min
Response: 7540688537
Conc: 571.96 ng/ml



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 5288285127
Conc: 465.87 ng/ml



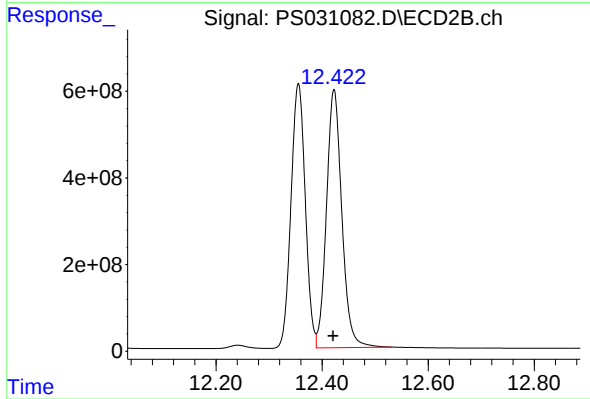
#15 Picloram

R.T.: 11.246 min
Delta R.T.: -0.007 min
Response: 10814354833
Conc: 742.14 ng/ml

Instrument :
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PB168871BSD

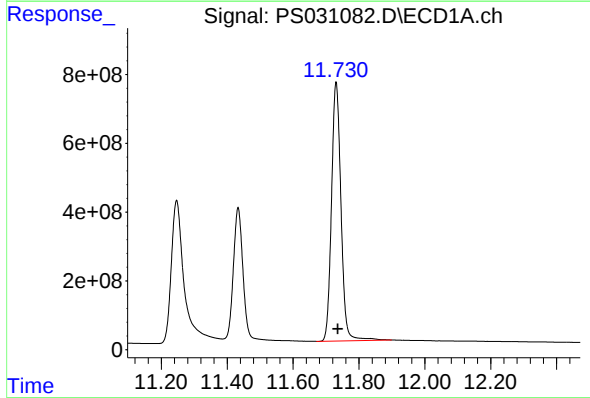
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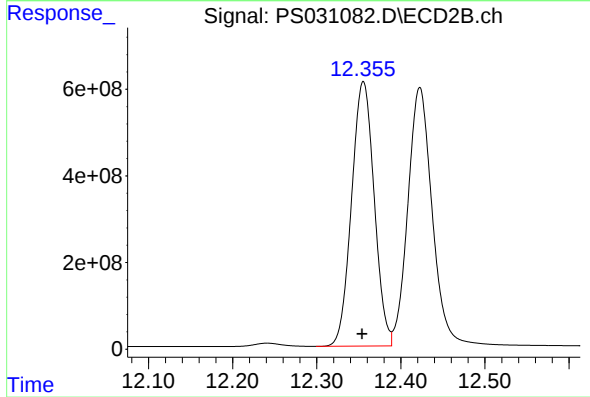
#15 Picloram

R.T.: 12.423 min
Delta R.T.: 0.001 min
Response: 11977474448
Conc: 510.10 ng/ml



#16 DCPA

R.T.: 11.731 min
Delta R.T.: -0.005 min
Response: 15036094333
Conc: 628.15 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: 0.001 min
Response: 11415411825
Conc: 506.18 ng/ml