

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072325\
 Data File : PS031182.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2025 10:57
 Operator : AR\AJ
 Sample : PB168945BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168945BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/24/2025
 Supervised By :mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 01:15:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.321	7.765	2300.6E6	514.3E6	529.094m	506.690
Target Compounds							
1) T	Dalapon	2.686	2.703	2836.9E6	1265.4E6	452.253	446.071
2) T	3,5-DICHL...	6.484	6.712	2954.5E6	716.1E6	534.977	465.035
3) T	4-Nitroph...	7.121	7.299	842.3E6	825.5E6	510.878	456.273
5) T	DICAMBA	7.511	7.967	8153.2E6	3084.7E6	494.221	477.998
6) T	MCPD	7.690	8.066	470.5E6	138.0E6	47.003	66.401 #
7) T	MCPA	7.840	8.312	596.5E6	147.7E6	47.664	46.807
8) T	DICHLORPROP	8.222	8.686	1876.4E6	728.9E6	490.953	481.148
9) T	2,4-D	8.454	9.023	2301.4E6	813.0E6	616.181	478.705
10) T	Pentachlo...	8.759	9.545	29745.8E6	19677.7E6	544.580	503.507
11) T	2,4,5-TP ...	9.338	9.926	11211.0E6	7260.8E6	510.670	487.490
12) T	2,4,5-T	9.632	10.353	10292.3E6	6906.8E6	527.057	485.731
13) T	2,4-DB	10.208	10.921	1569.6E6	577.9E6	524.984	493.736
14) T	DINOSEB	11.422	11.305	7848.8E6	5451.6E6	504.116	482.349
15) T	Picloram	11.234	12.416	10332.8E6	11638.2E6	516.471	467.492
16) T	DCPA	11.719	12.350	14880.0E6	10312.1E6	518.585	447.652

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

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Acq On : 23 Jul 2025 10:57
Operator : AR\AJ
Sample : PB168945BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

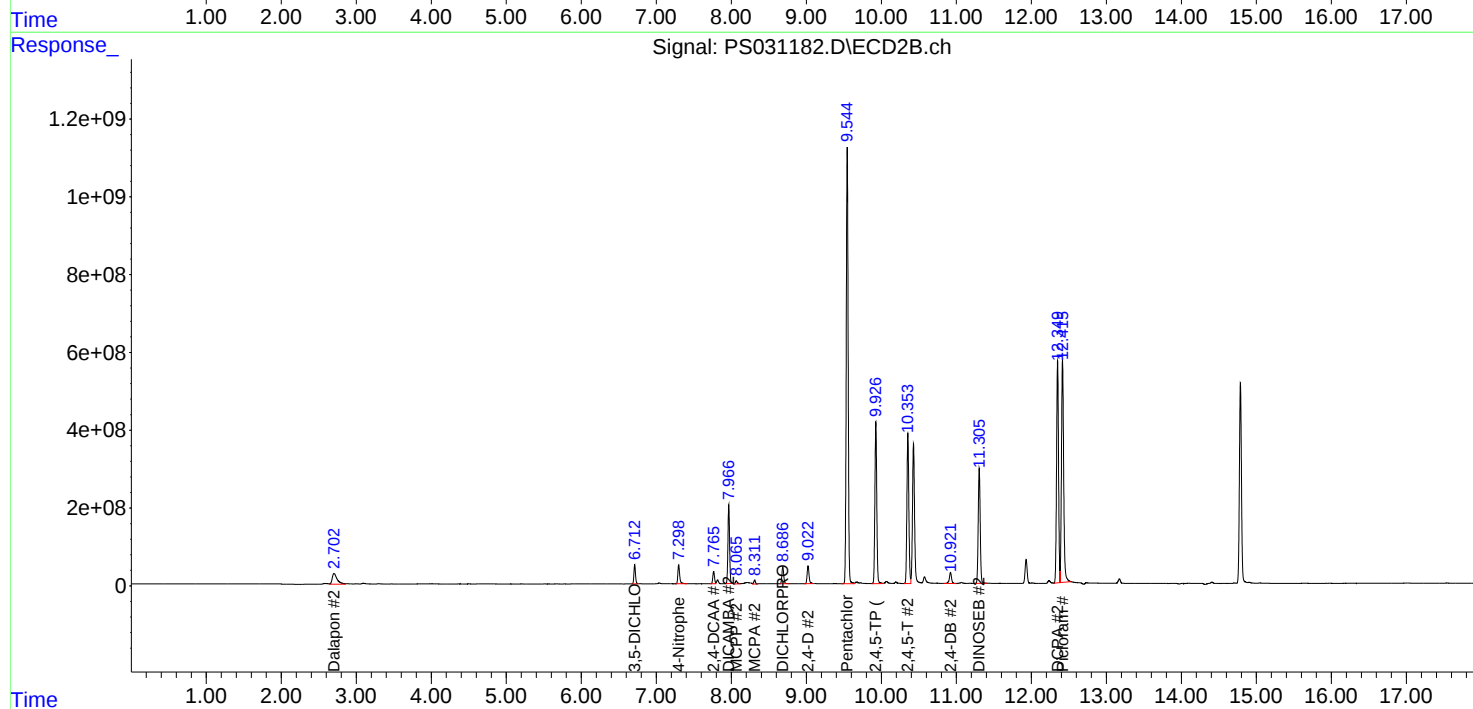
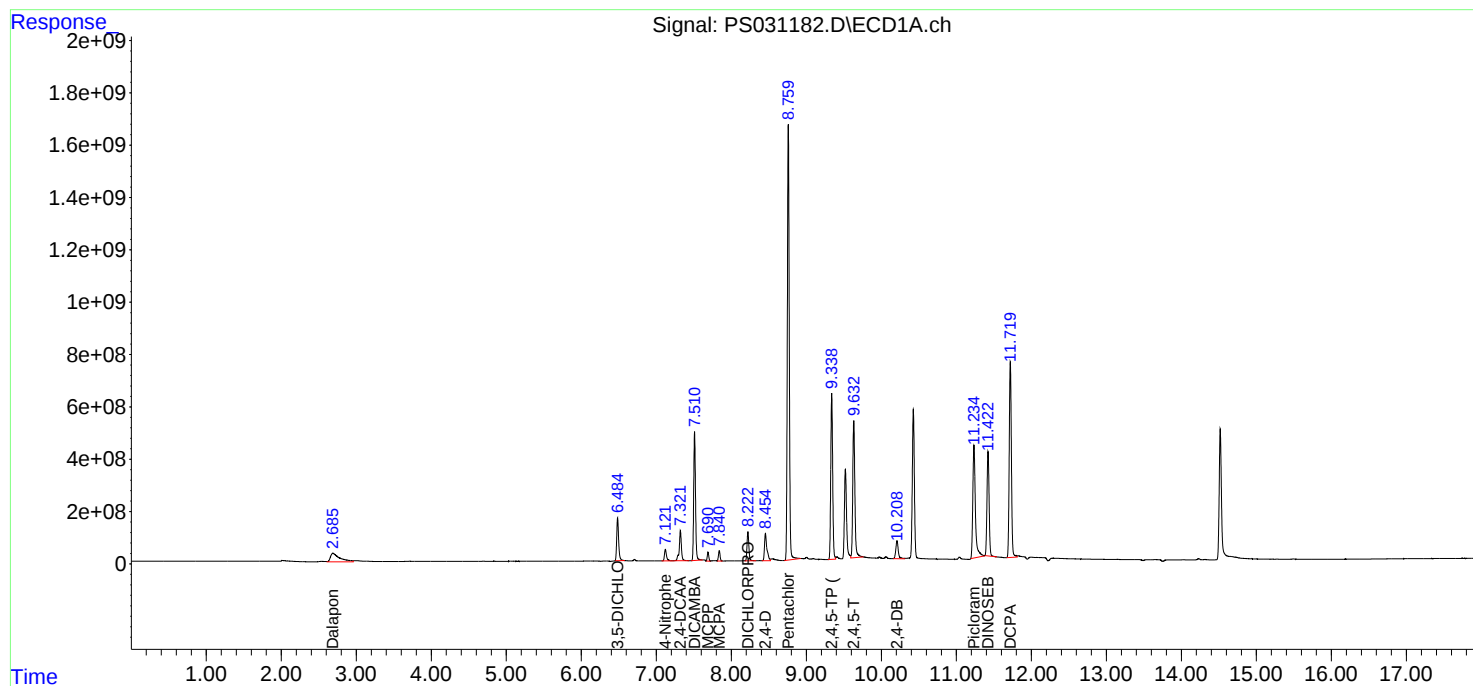
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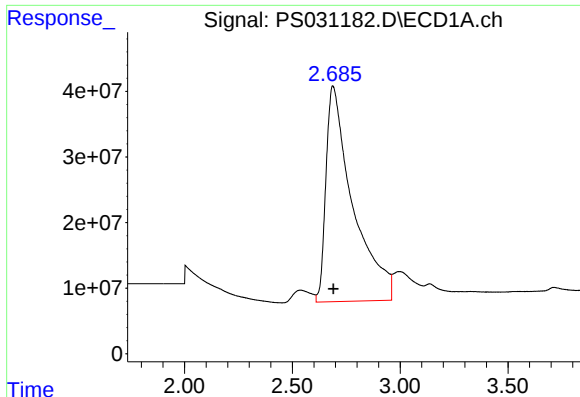
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Integration File signal 1: autoint1.e
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Quant Time: Jul 24 01:15:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
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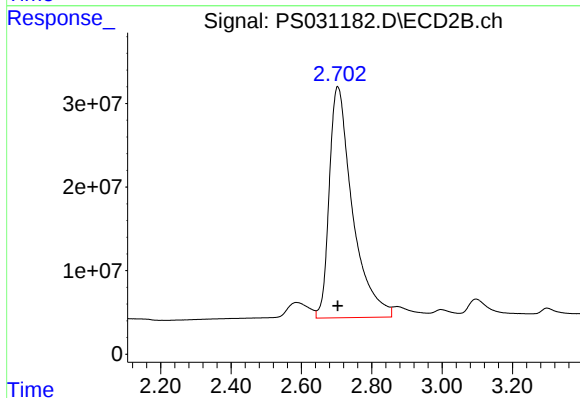
#1 Dalapon

R.T.: 2.686 min
Delta R.T.: -0.004 min
Response: 2836942675
Conc: 452.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168945BS

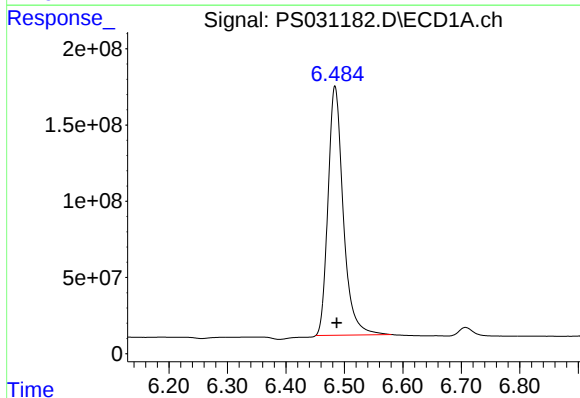
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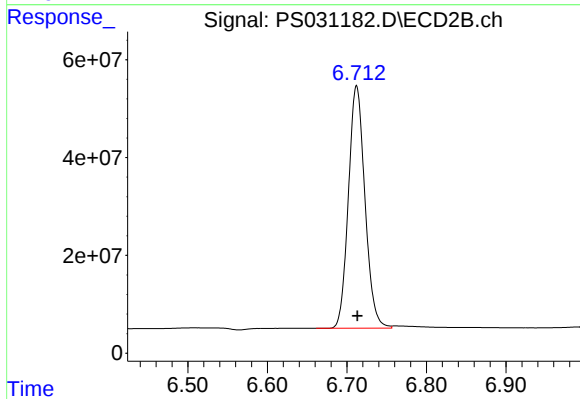
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: 0.000 min
Response: 1265386376
Conc: 446.07 ng/ml



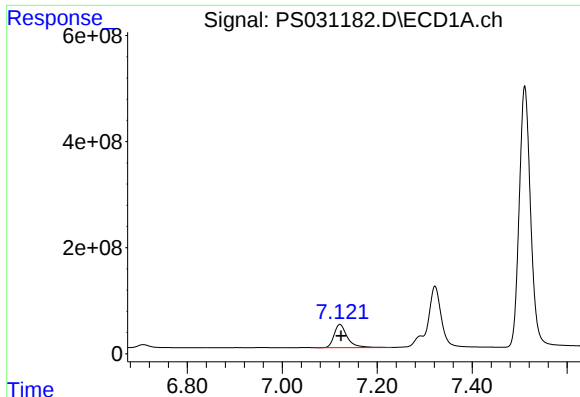
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.484 min
Delta R.T.: -0.003 min
Response: 2954544378
Conc: 534.98 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 716105055
Conc: 465.04 ng/ml



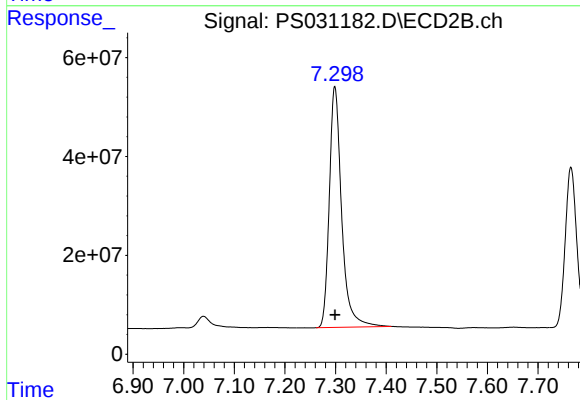
#3 4-Nitrophenol

R.T.: 7.121 min
Delta R.T.: -0.003 min
Response: 842327512
Conc: 510.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168945BS

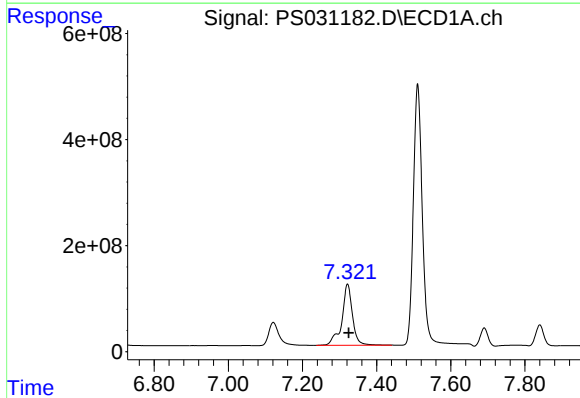
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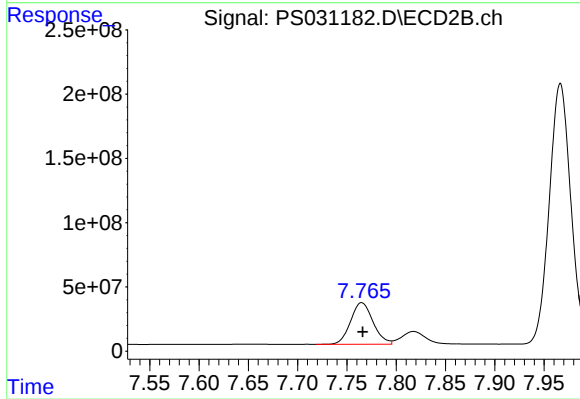
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 825542788
Conc: 456.27 ng/ml



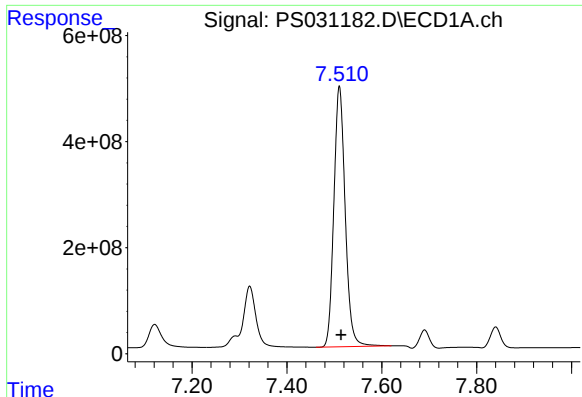
#4 2,4-DCAA

R.T.: 7.321 min
Delta R.T.: -0.003 min
Response: 2300632627
Conc: 529.09 ng/ml m



#4 2,4-DCAA

R.T.: 7.765 min
Delta R.T.: -0.001 min
Response: 514273960
Conc: 506.69 ng/ml



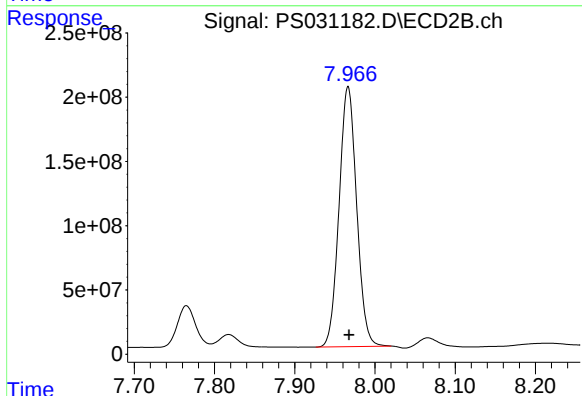
#5 DICAMBA

R.T.: 7.511 min
Delta R.T.: -0.003 min
Response: 8153150517
Conc: 494.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168945BS

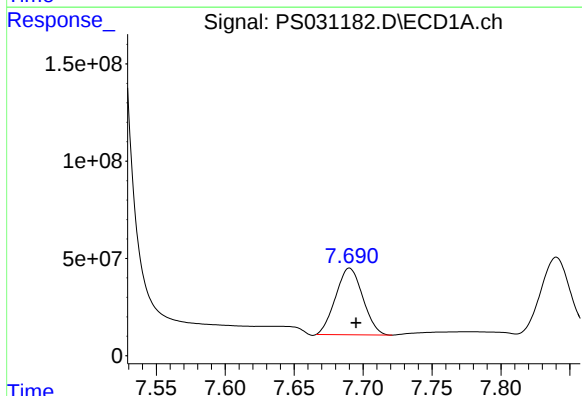
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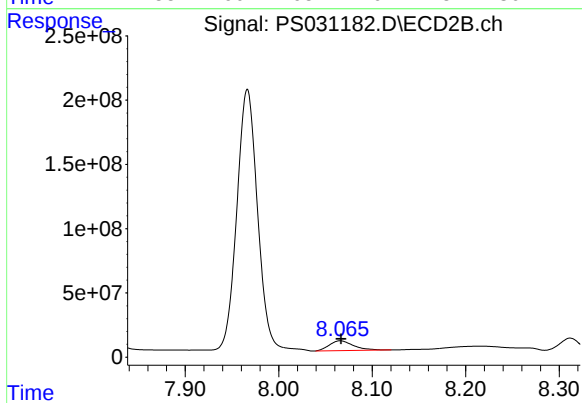
#5 DICAMBA

R.T.: 7.967 min
Delta R.T.: -0.001 min
Response: 3084698759
Conc: 478.00 ng/ml



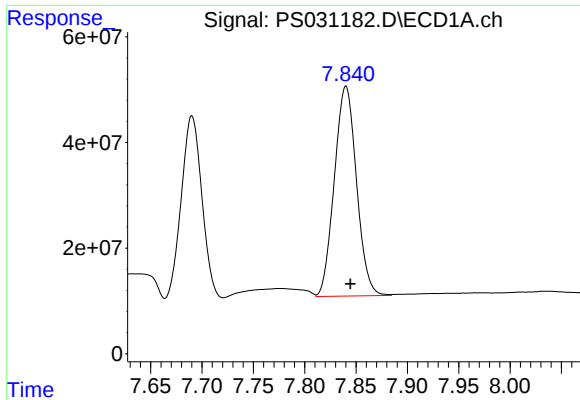
#6 MCPP

R.T.: 7.690 min
Delta R.T.: -0.005 min
Response: 470504704
Conc: 47.00 ug/ml



#6 MCPP

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 137967938
Conc: 66.40 ug/ml



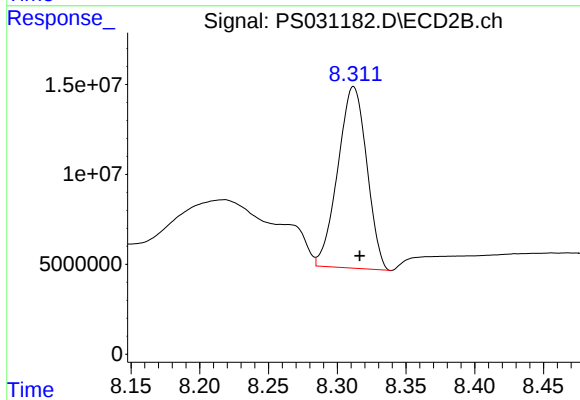
#7 MCPA

R.T.: 7.840 min
Delta R.T.: -0.004 min
Response: 596472365
Conc: 47.66 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168945BS

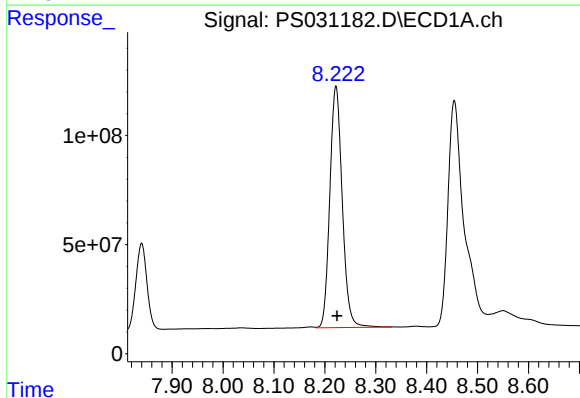
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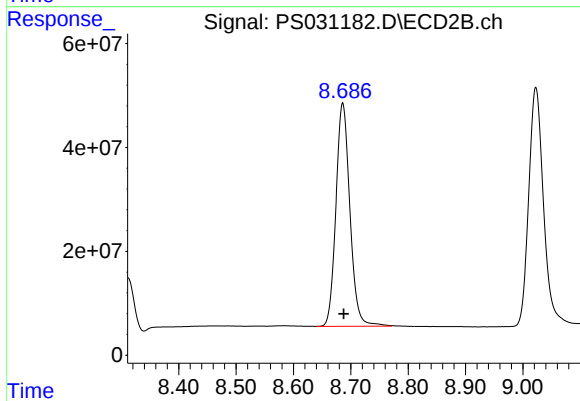
#7 MCPA

R.T.: 8.312 min
Delta R.T.: -0.004 min
Response: 147684649
Conc: 46.81 ug/ml



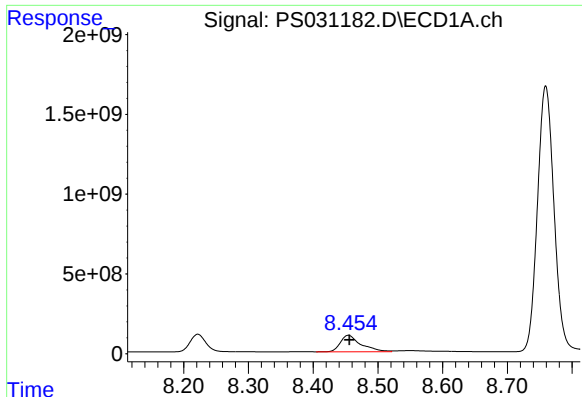
#8 DICHLORPROP

R.T.: 8.222 min
Delta R.T.: -0.003 min
Response: 1876398601
Conc: 490.95 ng/ml



#8 DICHLORPROP

R.T.: 8.686 min
Delta R.T.: -0.002 min
Response: 728871327
Conc: 481.15 ng/ml



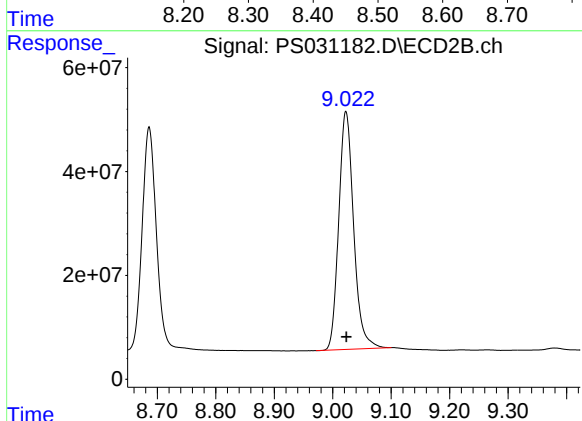
#9 2,4-D

R.T.: 8.454 min
Delta R.T.: -0.002 min
Response: 2301386343
Conc: 616.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168945BS

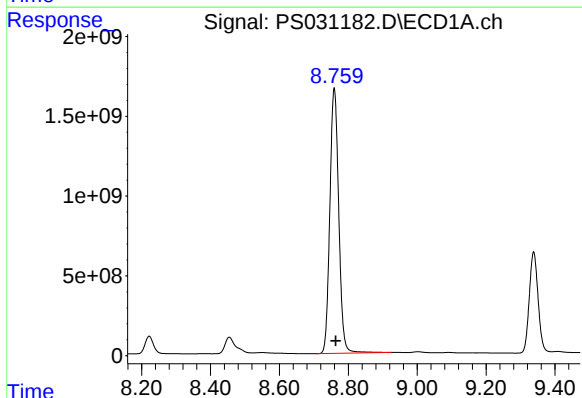
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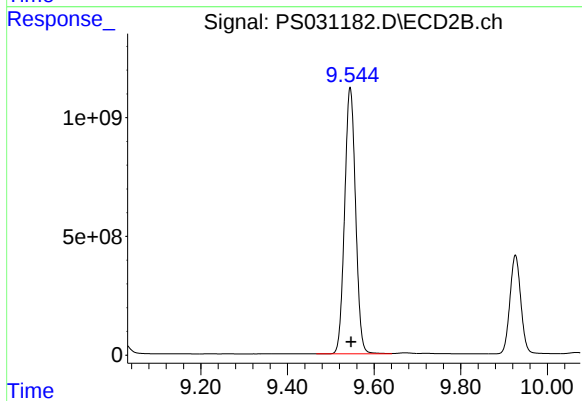
#9 2,4-D

R.T.: 9.023 min
Delta R.T.: -0.001 min
Response: 812993476
Conc: 478.70 ng/ml



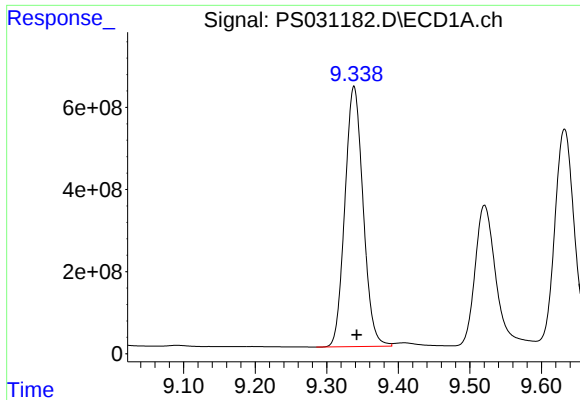
#10 Pentachlorophenol

R.T.: 8.759 min
Delta R.T.: -0.005 min
Response: 29745788032
Conc: 544.58 ng/ml



#10 Pentachlorophenol

R.T.: 9.545 min
Delta R.T.: -0.002 min
Response: 19677661106
Conc: 503.51 ng/ml



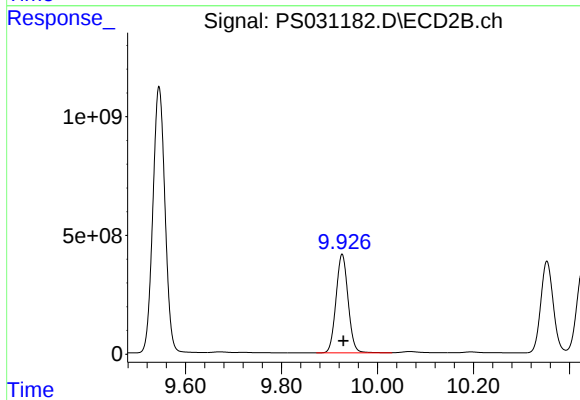
#11 2,4,5-TP (SILVEX)

R.T.: 9.338 min
Delta R.T.: -0.004 min
Response: 11211030710
Conc: 510.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168945BS

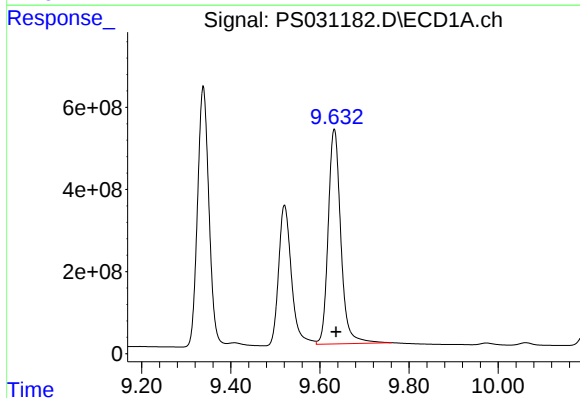
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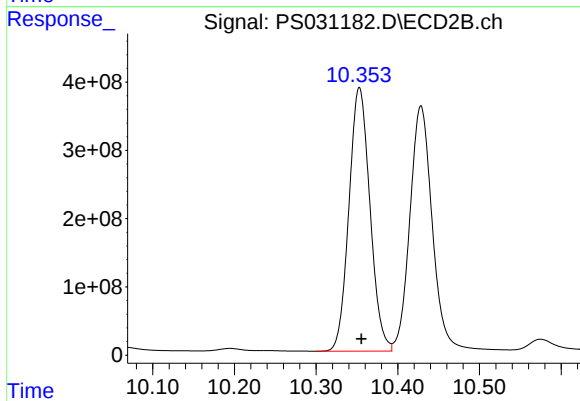
#11 2,4,5-TP (SILVEX)

R.T.: 9.926 min
Delta R.T.: -0.003 min
Response: 7260766965
Conc: 487.49 ng/ml



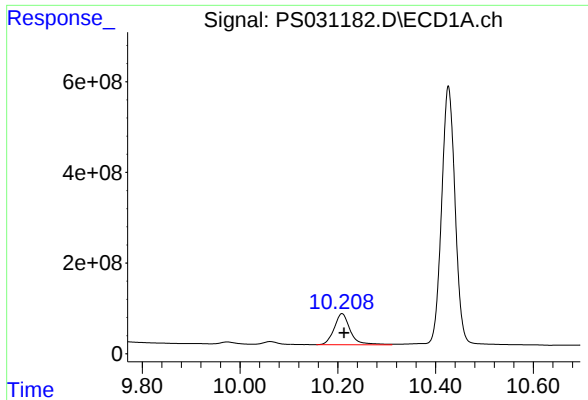
#12 2,4,5-T

R.T.: 9.632 min
Delta R.T.: -0.004 min
Response: 10292257681
Conc: 527.06 ng/ml



#12 2,4,5-T

R.T.: 10.353 min
Delta R.T.: -0.003 min
Response: 6906832805
Conc: 485.73 ng/ml



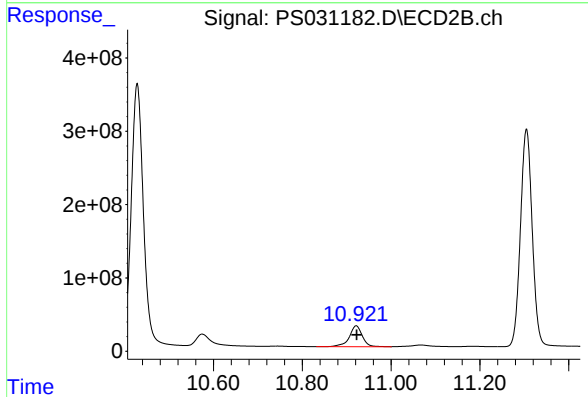
#13 2,4-DB

R.T.: 10.208 min
Delta R.T.: -0.004 min
Response: 1569642134
Conc: 524.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168945BS

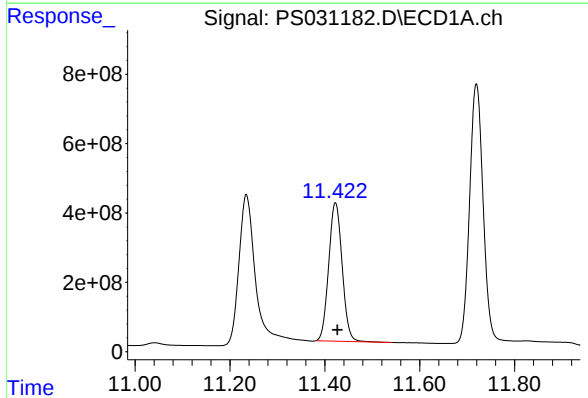
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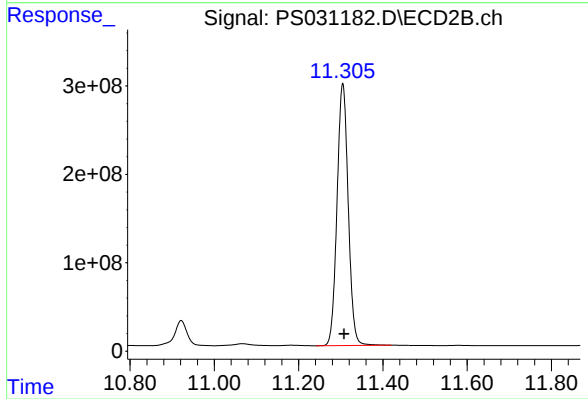
#13 2,4-DB

R.T.: 10.921 min
Delta R.T.: -0.001 min
Response: 577923716
Conc: 493.74 ng/ml



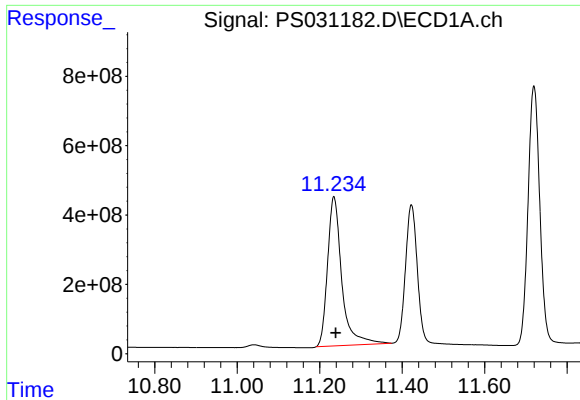
#14 DINOSEB

R.T.: 11.422 min
Delta R.T.: -0.004 min
Response: 7848827519
Conc: 504.12 ng/ml



#14 DINOSEB

R.T.: 11.305 min
Delta R.T.: -0.003 min
Response: 5451552613
Conc: 482.35 ng/ml



#15 Picloram

R.T.: 11.234 min
Delta R.T.: -0.004 min
Response: 10332826266
Conc: 516.47 ng/ml

Instrument :

ECD_S

ClientSampleId :

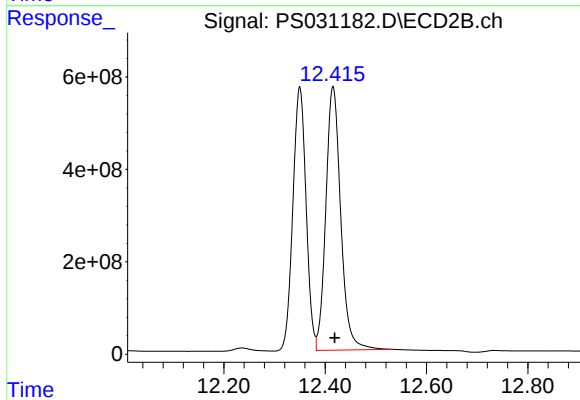
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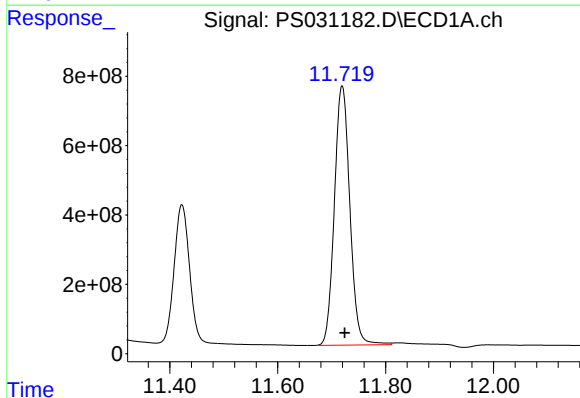
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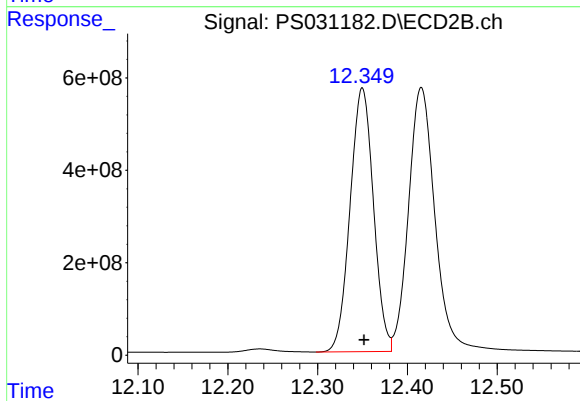
#15 Picloram

R.T.: 12.416 min
Delta R.T.: -0.003 min
Response: 11638226865
Conc: 467.49 ng/ml



#16 DCPA

R.T.: 11.719 min
Delta R.T.: -0.005 min
Response: 14880001208
Conc: 518.58 ng/ml



#16 DCPA

R.T.: 12.350 min
Delta R.T.: -0.002 min
Response: 10312133648
Conc: 447.65 ng/ml