

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071825\
 Data File : PS031145.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2025 21:46
 Operator : AR\AJ
 Sample : Q2529-10MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-30MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/22/2025
 Supervised By : mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 23:23:07 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	7.321	7.768	612.2E6	228.3E6	154.789	220.320 #
Target Compounds							
1) T	Dalapon	2.683	2.703	592.4E6	2234.7E6	97.239m	786.084m#
2) T	3,5-DICHL...	6.487	6.713	933.6E6	274.5E6	178.212	177.067
5) T	DICAMBA	7.512	7.967	3599.0E6	1468.9E6	229.366	226.805
6) T	MCPD	7.690	8.065	114.7E6	19598607	12.464m	9.167 #
7) T	MCPA	7.840	8.310	182.6E6	49894552	16.738m	15.565
8) T	DICHLORPROP	8.225	8.687	788.9E6	377.4E6	231.666	248.404
9) T	2,4-D	8.457	9.026	1509.9E6	709.6E6	490.481	417.527m
10) T	Pentachlo...	8.762	9.546	3239.6E6	2199.2E6	64.454	57.069
11) T	2,4,5-TP ...	9.341	9.938	5018.3E6	11413.4E6	269.646	777.705 #
12) T	2,4,5-T	9.635	10.354	5063.6E6	3263.8E6	332.841	233.266 #
13) T	2,4-DB	10.213	10.920	178.5E6	94414429	82.217m	79.797m
15) T	Picloram	11.236	12.416	5378.6E6	5198.9E6	369.104m	221.413 #
16) T	DCPA	11.723	12.351	8021.0E6	6103.5E6	335.087	270.643

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

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Acq On : 18 Jul 2025 21:46
Operator : AR\AJ
Sample : Q2529-10MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

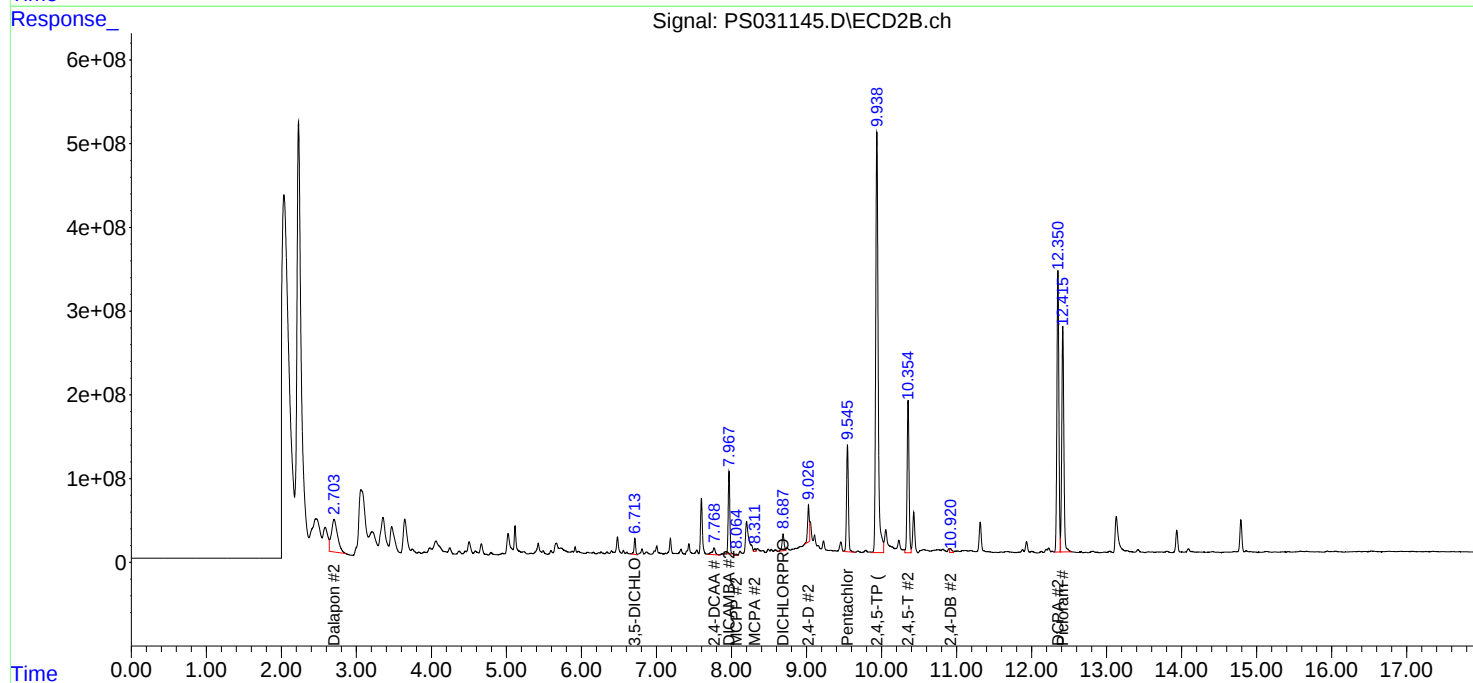
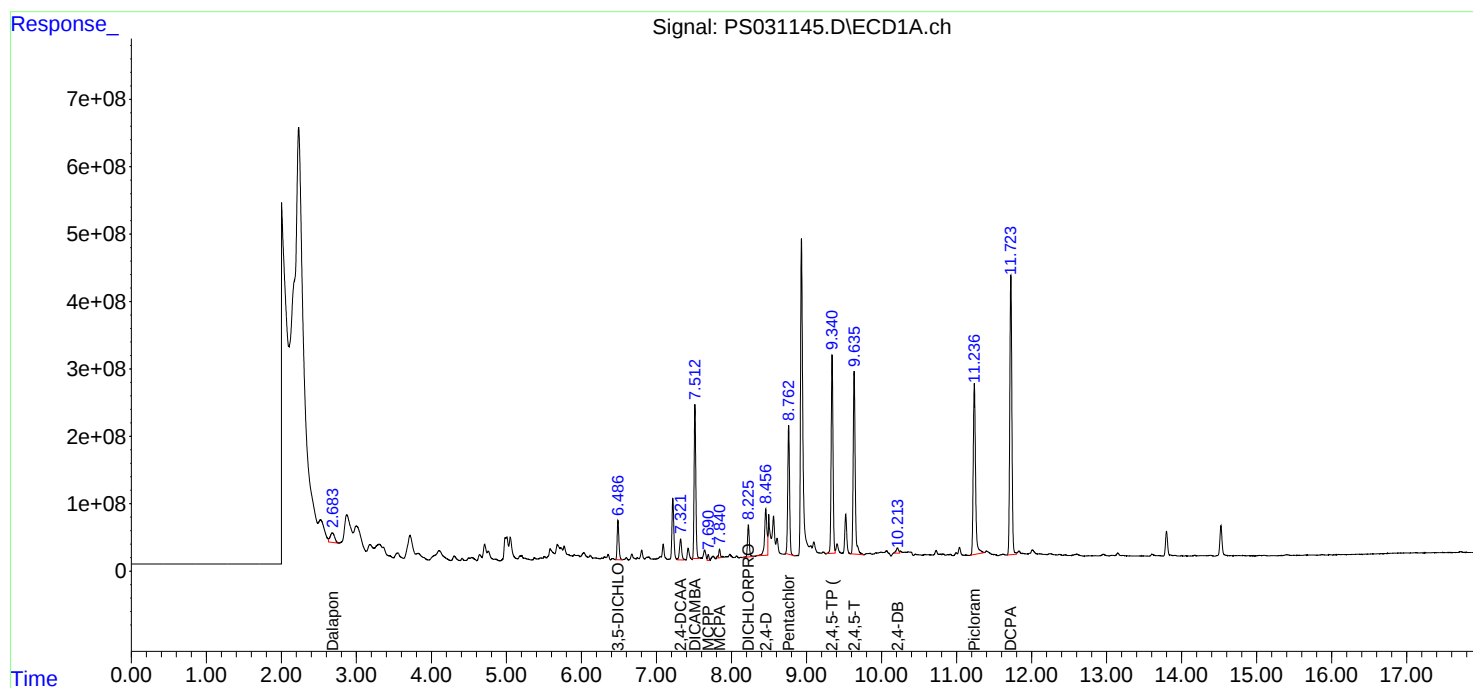
Instrument :
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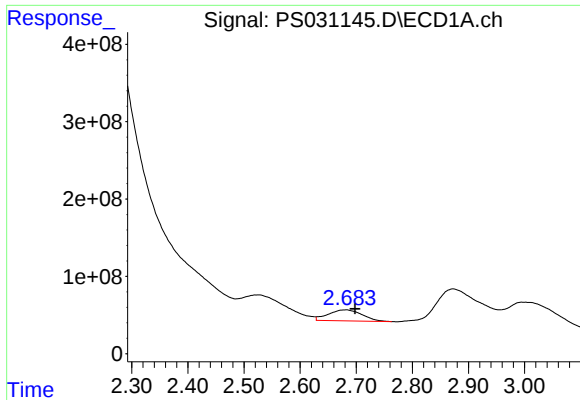
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





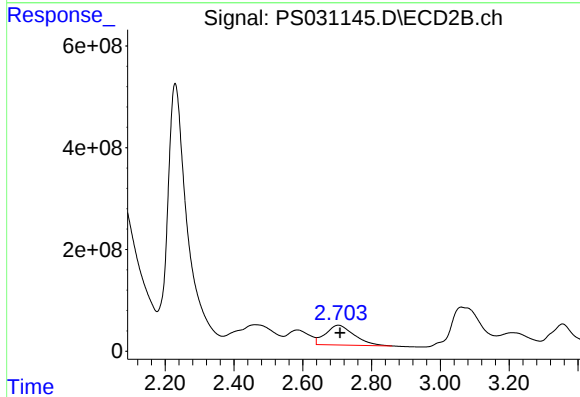
#1 Dalapon

R.T.: 2.683 min
Delta R.T.: -0.015 min
Response: 592351669
Conc: 97.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MS

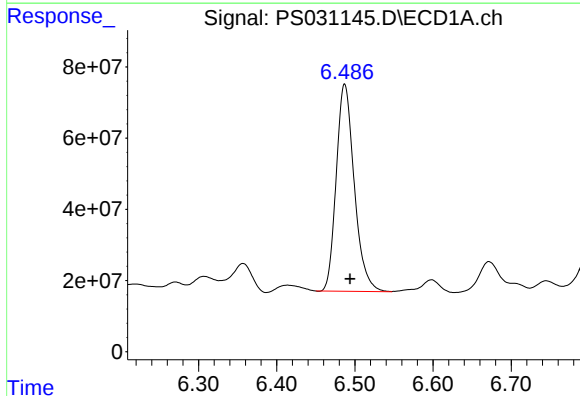
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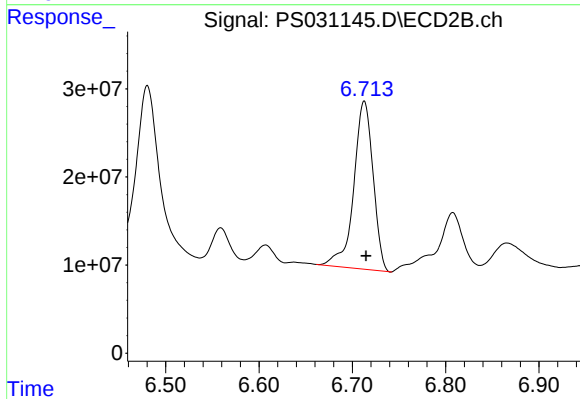
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: -0.006 min
Response: 2234726339
Conc: 786.08 ng/ml m



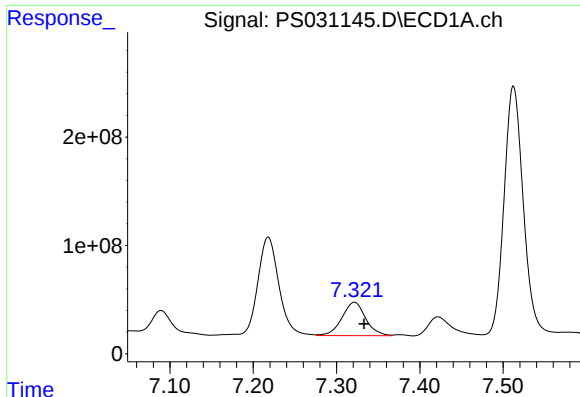
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.487 min
Delta R.T.: -0.007 min
Response: 933581822
Conc: 178.21 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: -0.002 min
Response: 274512940
Conc: 177.07 ng/ml



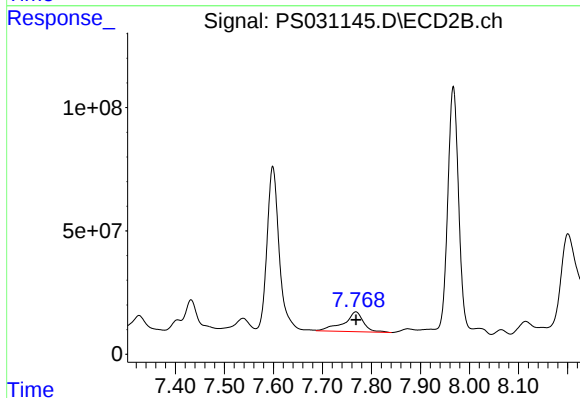
#4 2,4-DCAA

R.T.: 7.321 min
Delta R.T.: -0.012 min
Response: 612200871
Conc: 154.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MS

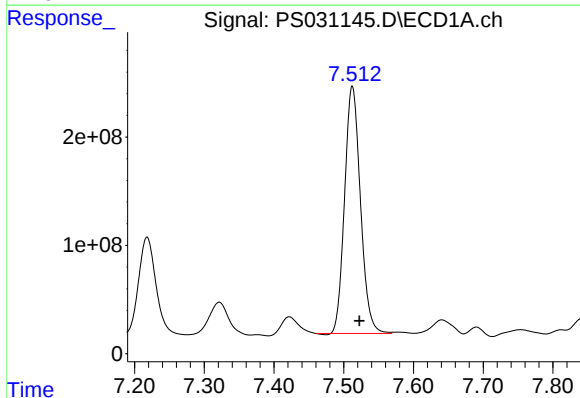
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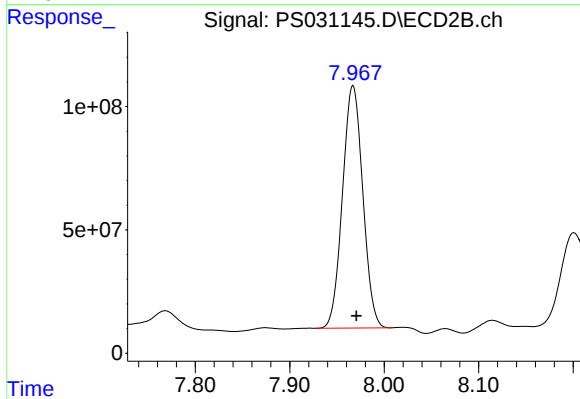
#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 228259185
Conc: 220.32 ng/ml



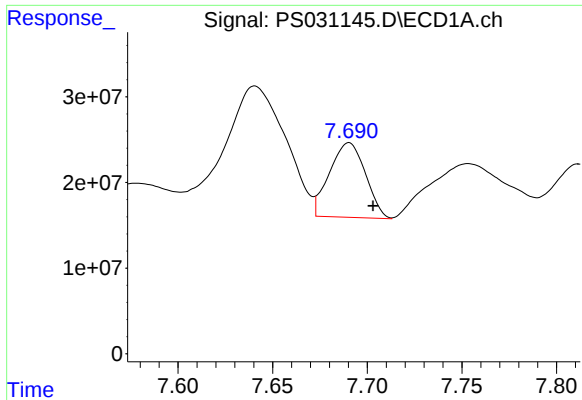
#5 DICAMBA

R.T.: 7.512 min
Delta R.T.: -0.010 min
Response: 3598964190
Conc: 229.37 ng/ml



#5 DICAMBA

R.T.: 7.967 min
Delta R.T.: -0.004 min
Response: 1468884095
Conc: 226.80 ng/ml



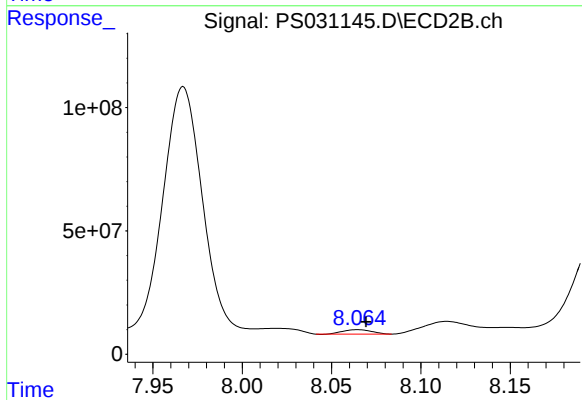
#6 MCPP

R.T.: 7.690 min
Delta R.T.: -0.013 min
Response: 114682103
Conc: 12.46 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MS

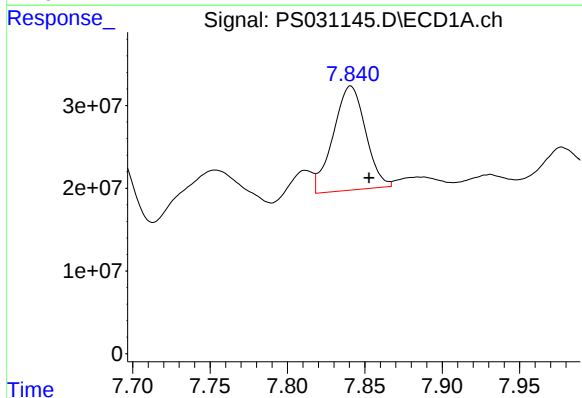
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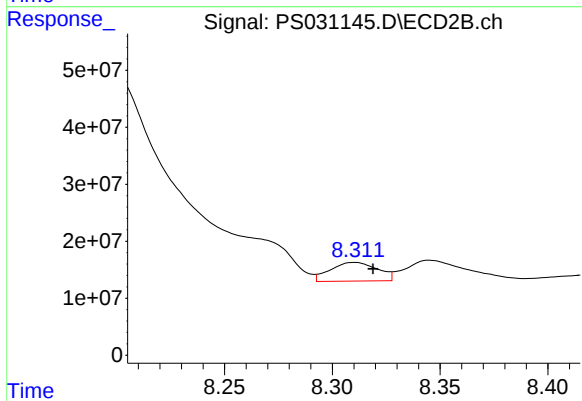
#6 MCPP

R.T.: 8.065 min
Delta R.T.: -0.005 min
Response: 19598607
Conc: 9.17 ug/ml



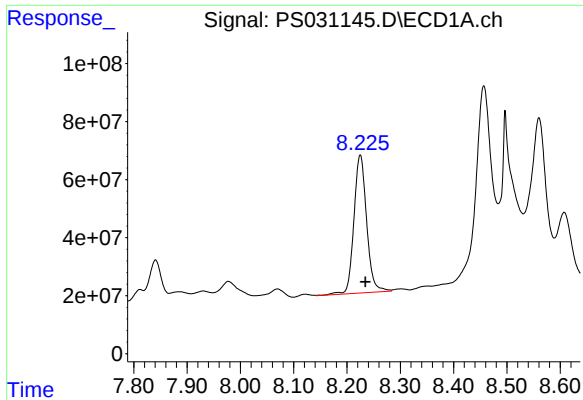
#7 MCPA

R.T.: 7.840 min
Delta R.T.: -0.012 min
Response: 182554205
Conc: 16.74 ug/ml m



#7 MCPA

R.T.: 8.310 min
Delta R.T.: -0.009 min
Response: 49894552
Conc: 15.56 ug/ml



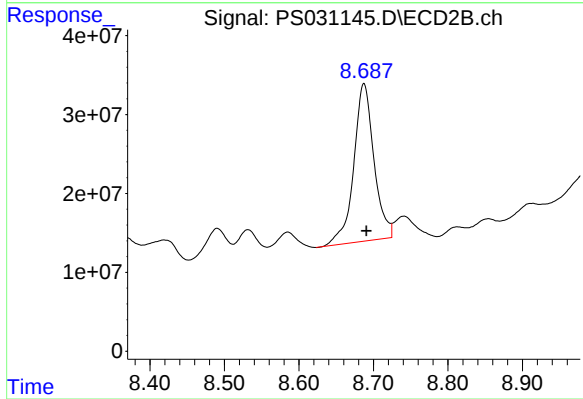
#8 DICHLORPROP

R.T.: 8.225 min
Delta R.T.: -0.010 min
Response: 788857514
Conc: 231.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MS

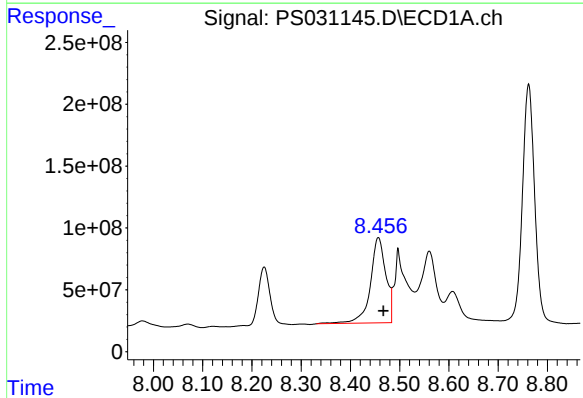
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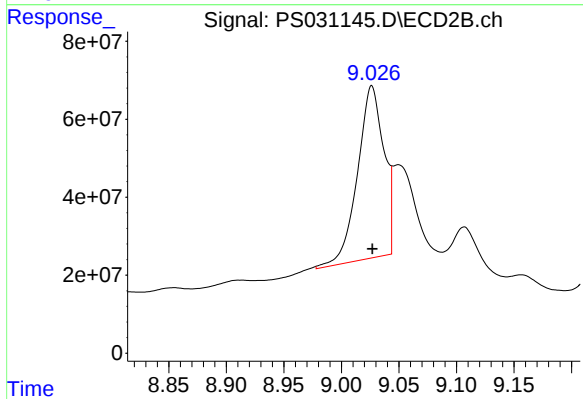
#8 DICHLORPROP

R.T.: 8.687 min
Delta R.T.: -0.003 min
Response: 377390655
Conc: 248.40 ng/ml



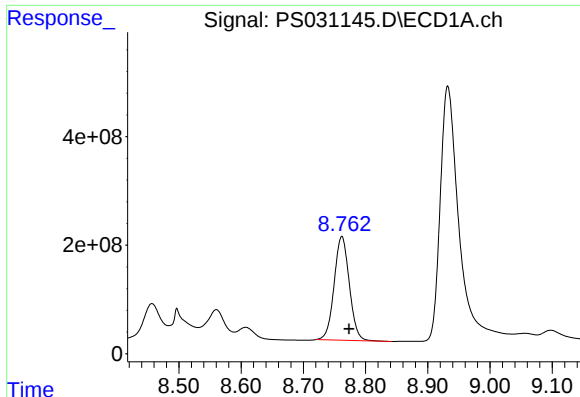
#9 2,4-D

R.T.: 8.457 min
Delta R.T.: -0.010 min
Response: 1509915031
Conc: 490.48 ng/ml



#9 2,4-D

R.T.: 9.026 min
Delta R.T.: -0.001 min
Response: 709572581
Conc: 417.53 ng/ml m



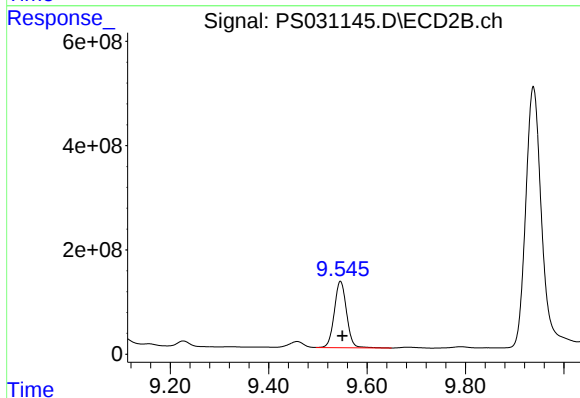
#10 Pentachlorophenol

R.T.: 8.762 min
Delta R.T.: -0.011 min
Response: 3239559666
Conc: 64.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MS

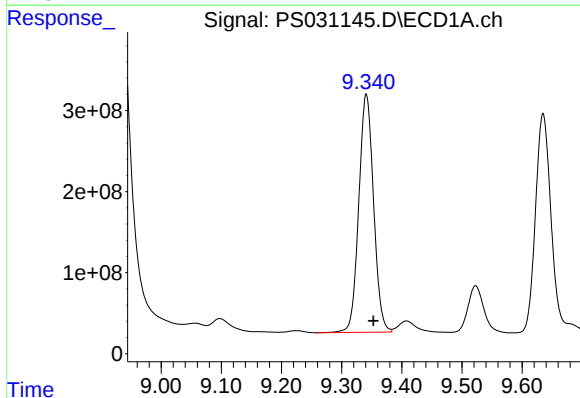
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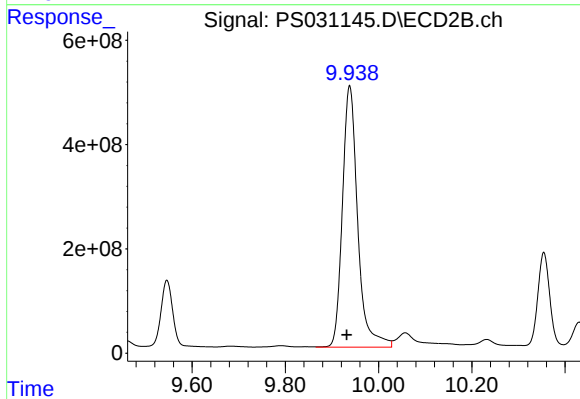
#10 Pentachlorophenol

R.T.: 9.546 min
Delta R.T.: -0.004 min
Response: 2199163388
Conc: 57.07 ng/ml



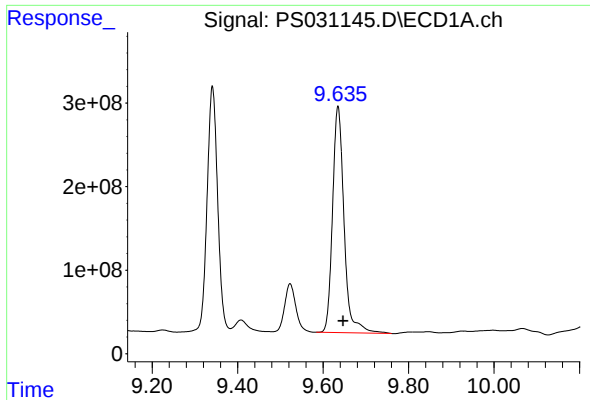
#11 2,4,5-TP (SILVEX)

R.T.: 9.341 min
Delta R.T.: -0.012 min
Response: 5018306526
Conc: 269.65 ng/ml



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

R.T.: 9.938 min
Delta R.T.: 0.006 min
Response: 11413416927
Conc: 777.70 ng/ml



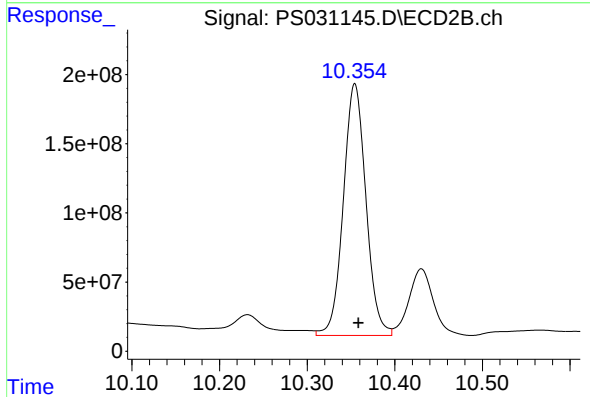
#12 2,4,5-T

R.T.: 9.635 min
Delta R.T.: -0.012 min
Response: 5063615581
Conc: 332.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MS

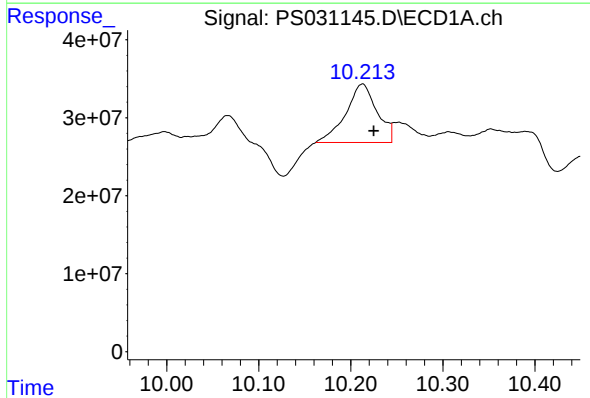
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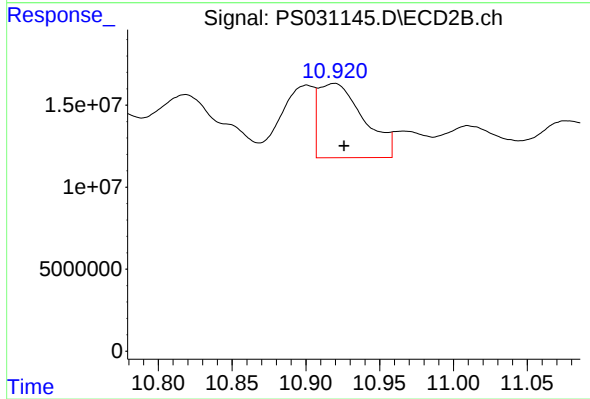
#12 2,4,5-T

R.T.: 10.354 min
Delta R.T.: -0.004 min
Response: 3263820142
Conc: 233.27 ng/ml



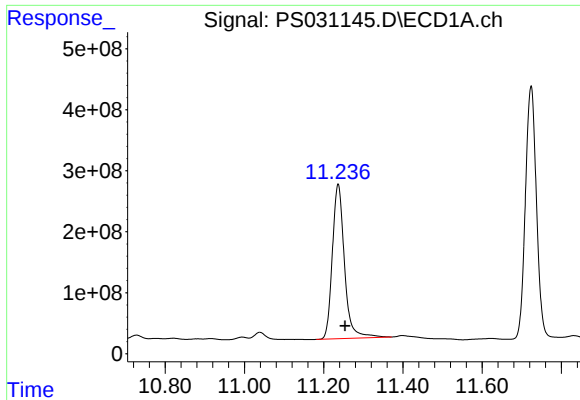
#13 2,4-DB

R.T.: 10.213 min
Delta R.T.: -0.012 min
Response: 178475589
Conc: 82.22 ng/ml m



#13 2,4-DB

R.T.: 10.920 min
Delta R.T.: -0.006 min
Response: 94414429
Conc: 79.80 ng/ml m



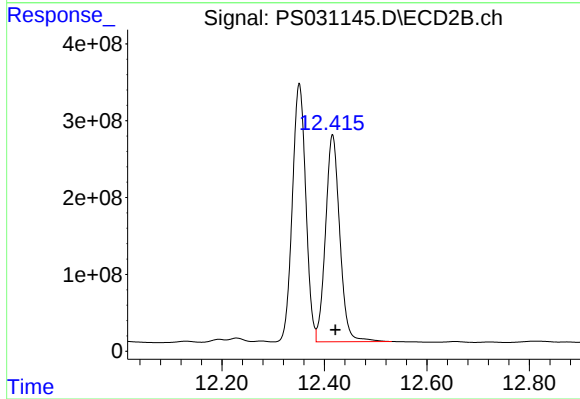
#15 Picloram

R.T.: 11.236 min
Delta R.T.: -0.018 min
Response: 5378561334
Conc: 369.10 ng/ml

Instrument :
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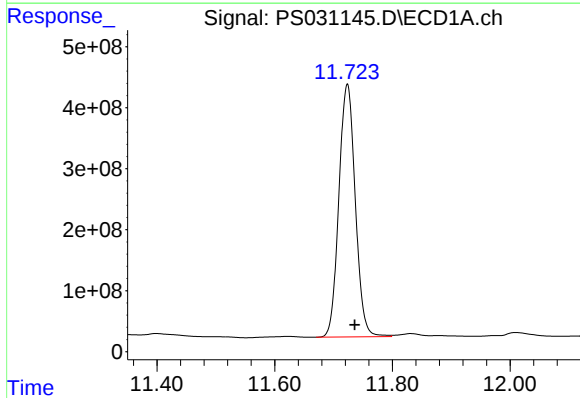
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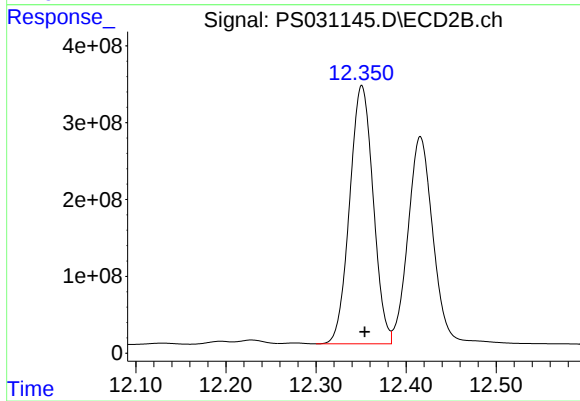
#15 Picloram

R.T.: 12.416 min
Delta R.T.: -0.005 min
Response: 5198921193
Conc: 221.41 ng/ml



#16 DCPA

R.T.: 11.723 min
Delta R.T.: -0.013 min
Response: 8021044963
Conc: 335.09 ng/ml



#16 DCPA

R.T.: 12.351 min
Delta R.T.: -0.003 min
Response: 6103536142
Conc: 270.64 ng/ml