

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072125\
 Data File : PS031166.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2025 18:40
 Operator : AR\AJ
 Sample : Q2529-10MS
 Misc :
 ALS Vial : 10 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 22 04:36:50 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	7.322	7.768	586.3E6	170.9E6	134.844	168.392m
Target Compounds							
1) T	Dalapon	2.682	2.703	565.1E6	2113.7E6	90.084m	745.100m#
2) T	3,5-DICHL...	6.487	6.714	949.4E6	279.3E6	171.907	181.393
5) T	DICAMBA	7.514	7.968	3681.0E6	1501.5E6	223.130	232.670
6) T	MCP	7.690	8.065	107.6E6	26094085	10.747m	12.558m
7) T	MCPA	7.840	8.336	153.1E6	274.3E6	12.237m	86.938 #
8) T	DICHLORPROP	8.225	8.688	804.7E6	363.8E6	210.559	240.177
9) T	2,4-D	8.457	9.026	1366.2E6	710.9E6	365.782	418.587m
10) T	Pentachlo...	8.762	9.546	3353.8E6	2230.4E6	61.401	57.070
11) T	2,4,5-TP ...	9.341	9.939	5005.1E6	11455.7E6	227.985	769.142 #
12) T	2,4,5-T	9.636	10.355	4756.0E6	3249.8E6	243.549	228.545
13) T	2,4-DB	10.212	10.920	158.5E6	41600649	53.026m	35.541m#
15) T	Picloram	11.237	12.418	5019.8E6	5315.2E6	250.909	213.506
16) T	DCPA	11.722	12.352	8048.3E6	6248.5E6	280.491	271.250

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

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Operator : AR\AJ
Sample : Q2529-10MS
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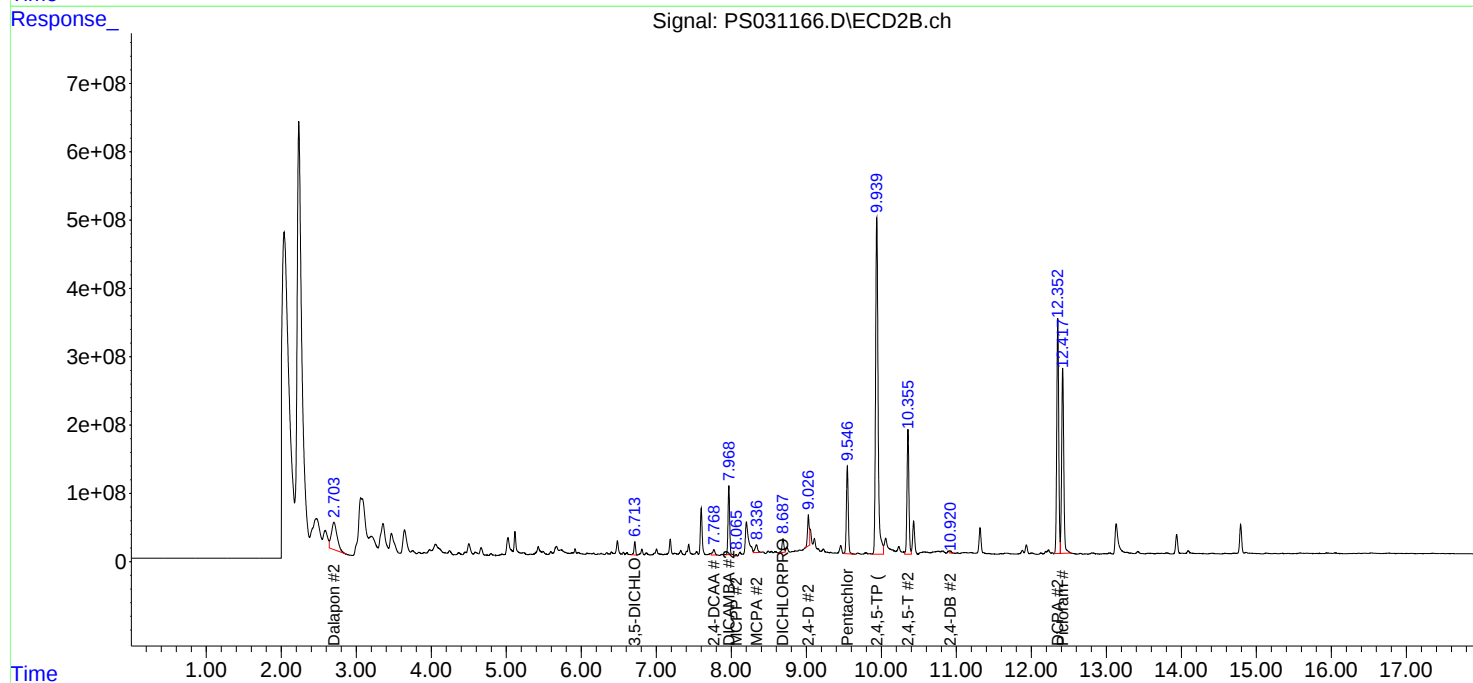
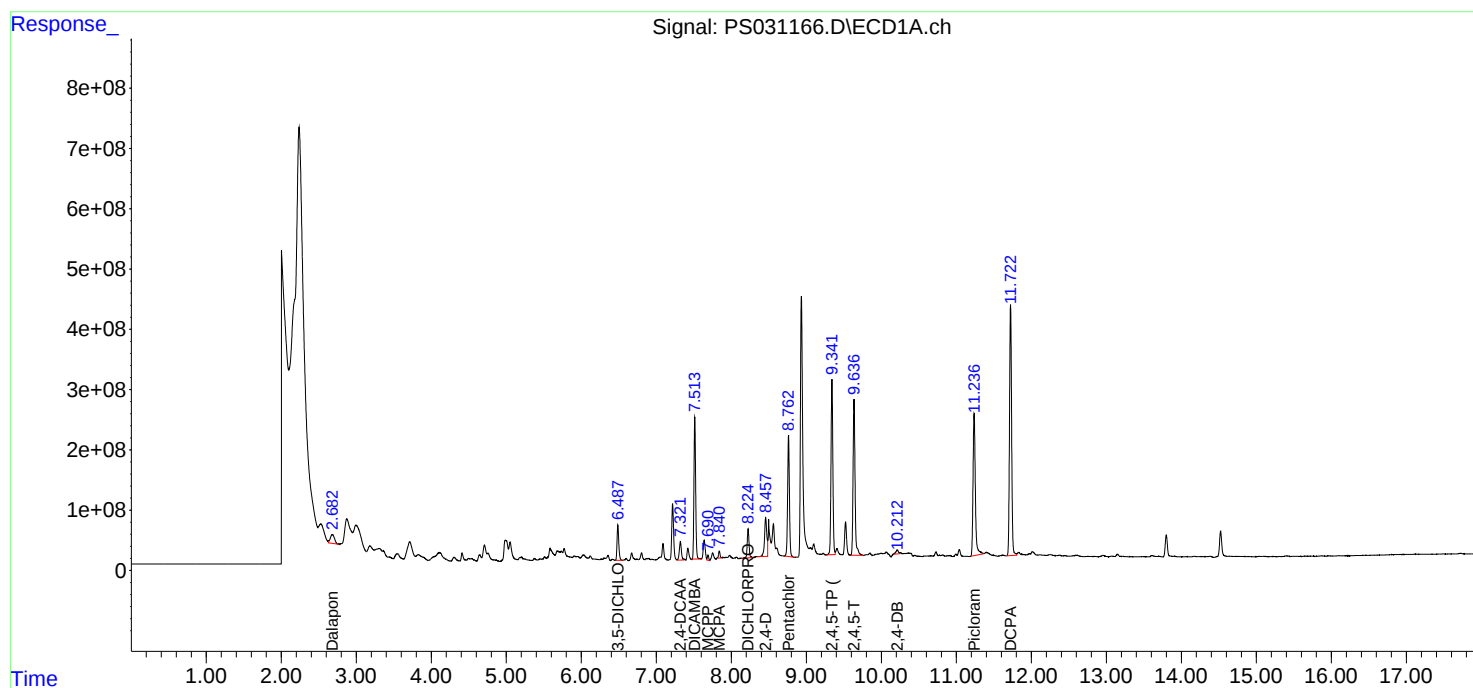
Instrument :
ECD_S
ClientSampleId :
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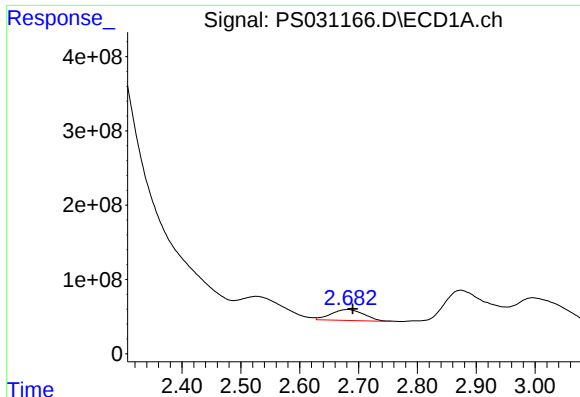
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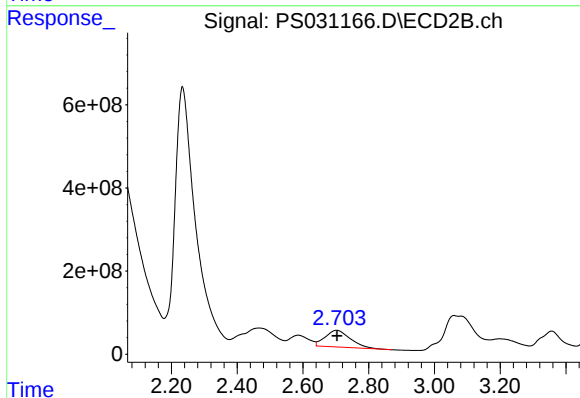
#1 Dalapon

R.T.: 2.682 min
Delta R.T.: -0.008 min
Response: 565085992
Conc: 90.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MS

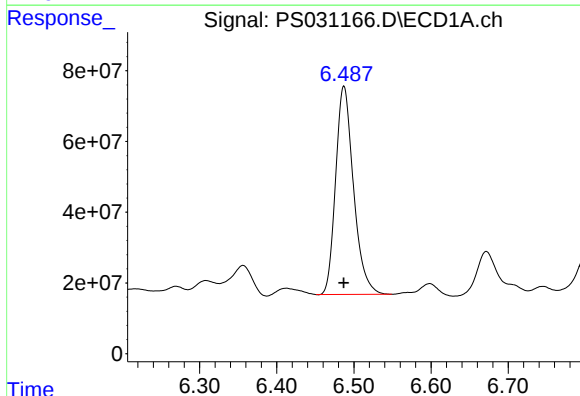
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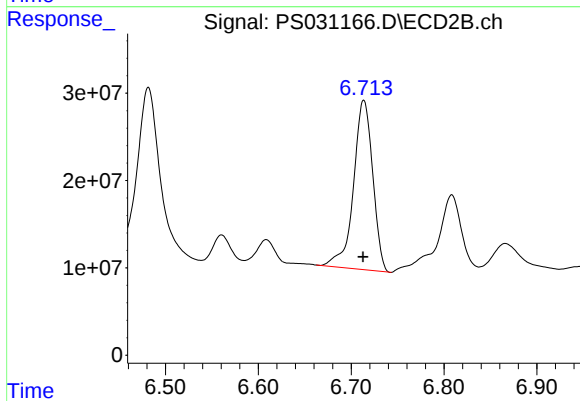
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: 0.000 min
Response: 2113654865
Conc: 745.10 ng/ml m



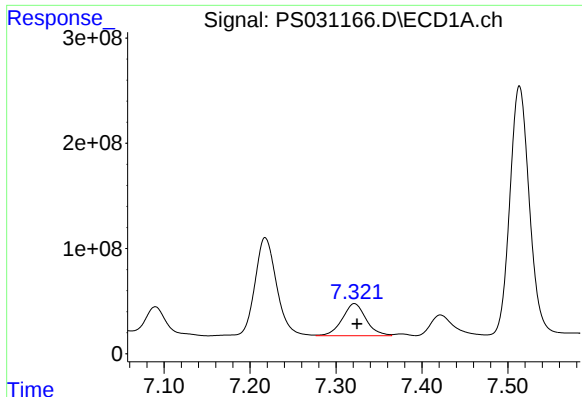
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 949397822
Conc: 171.91 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 279326774
Conc: 181.39 ng/ml



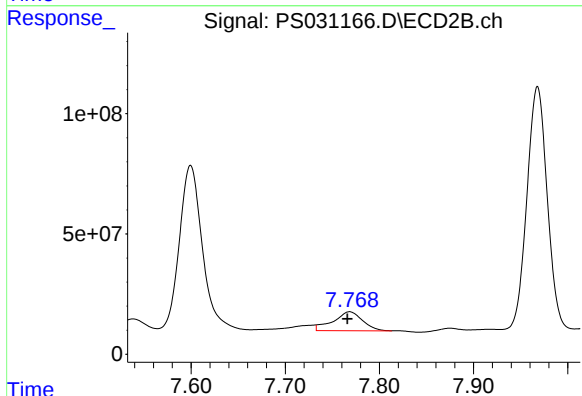
#4 2,4-DCAA

R.T.: 7.322 min
Delta R.T.: -0.003 min
Response: 586334175
Conc: 134.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MS

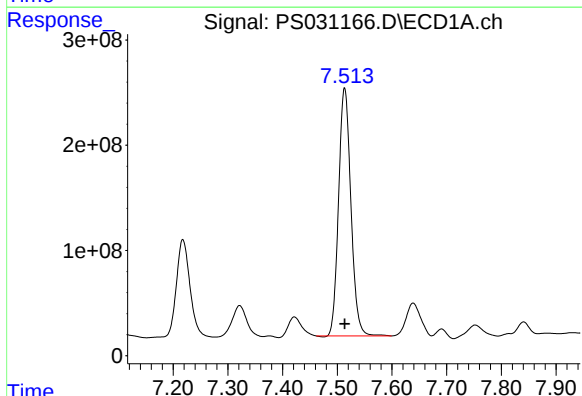
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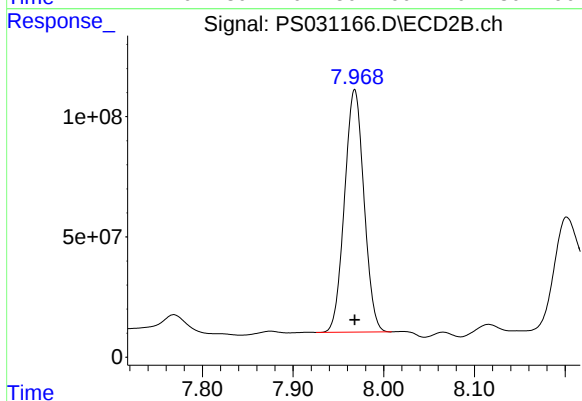
#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.002 min
Response: 170912692
Conc: 168.39 ng/ml m



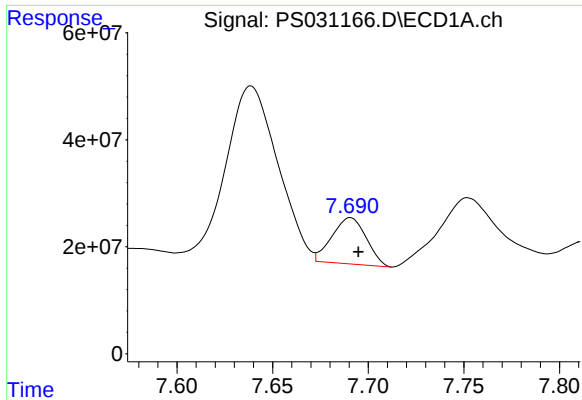
#5 DICAMBA

R.T.: 7.514 min
Delta R.T.: 0.000 min
Response: 3680975608
Conc: 223.13 ng/ml



#5 DICAMBA

R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 1501506455
Conc: 232.67 ng/ml



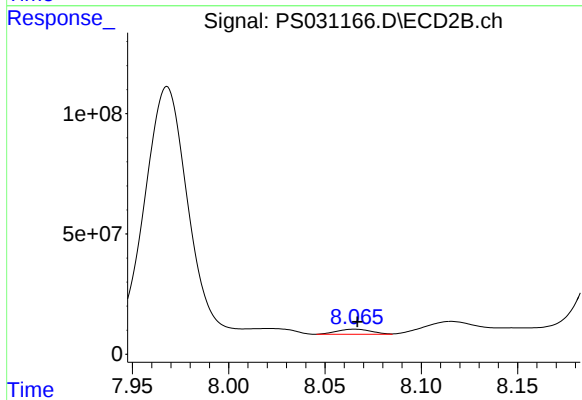
#6 MCPP

R.T.: 7.690 min
Delta R.T.: -0.005 min
Response: 107575125
Conc: 10.75 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MS

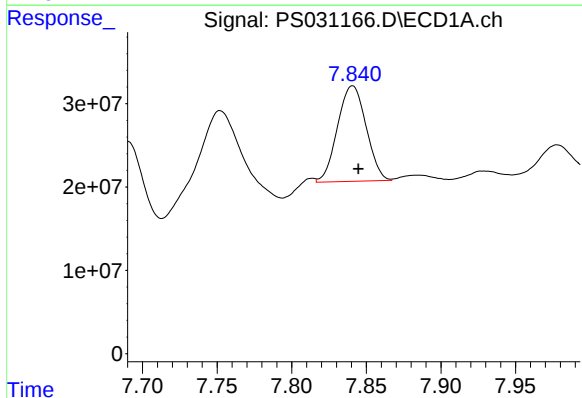
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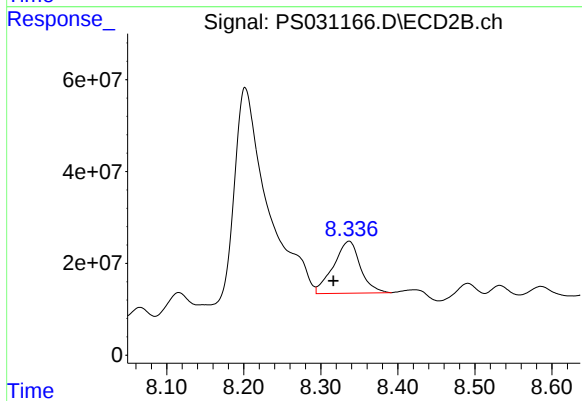
#6 MCPP

R.T.: 8.065 min
Delta R.T.: -0.002 min
Response: 26094085
Conc: 12.56 ug/ml m



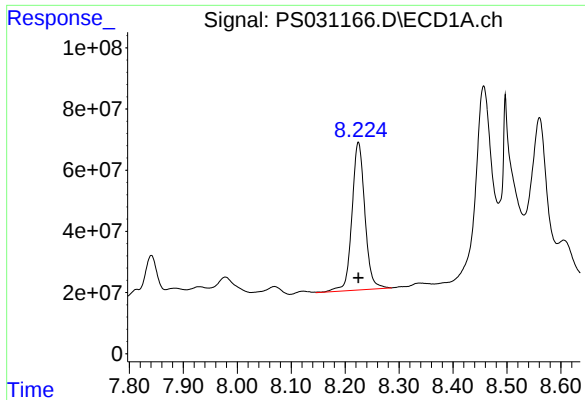
#7 MCPA

R.T.: 7.840 min
Delta R.T.: -0.004 min
Response: 153138459
Conc: 12.24 ug/ml m



#7 MCPA

R.T.: 8.336 min
Delta R.T.: 0.020 min
Response: 274309079
Conc: 86.94 ug/ml



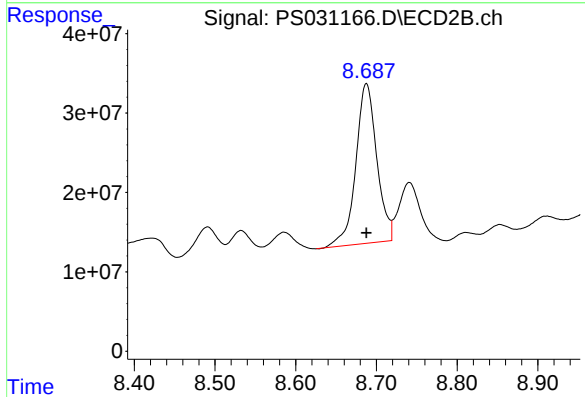
#8 DICHLORPROP

R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 804745543
Conc: 210.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MS

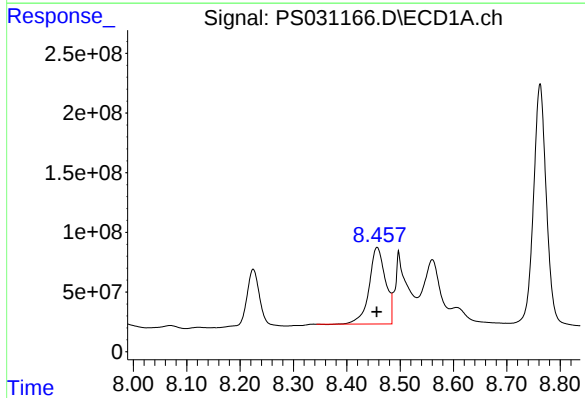
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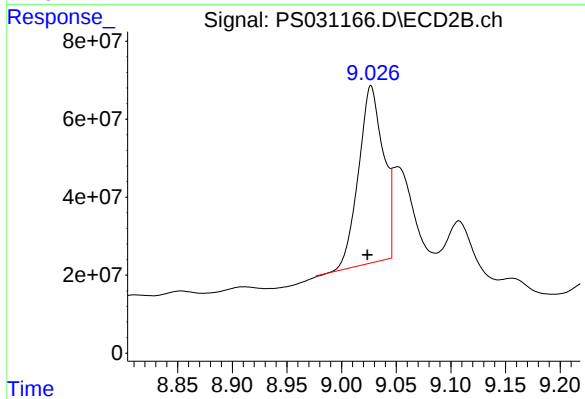
#8 DICHLORPROP

R.T.: 8.688 min
Delta R.T.: 0.000 min
Response: 363835339
Conc: 240.18 ng/ml



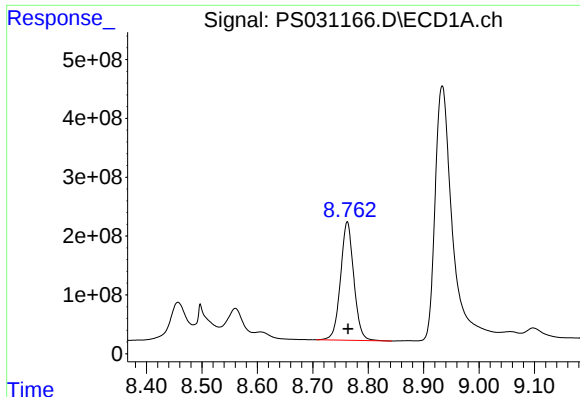
#9 2,4-D

R.T.: 8.457 min
Delta R.T.: 0.000 min
Response: 1366163481
Conc: 365.78 ng/ml



#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.003 min
Response: 710893710
Conc: 418.59 ng/ml m



#10 Pentachlorophenol

R.T.: 8.762 min
Delta R.T.: -0.002 min
Response: 3353804058
Conc: 61.40 ng/ml

Instrument :

ECD_S

ClientSampleId :

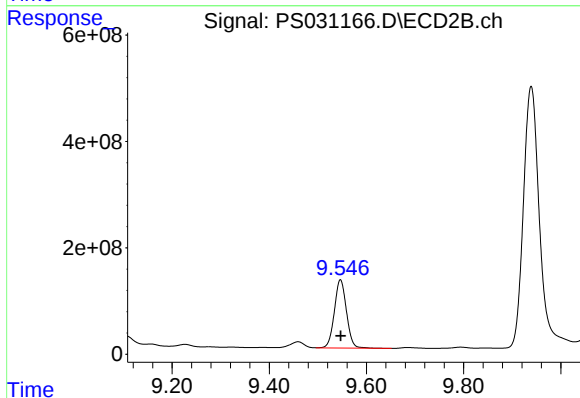
TP-30MS

Manual Integrations

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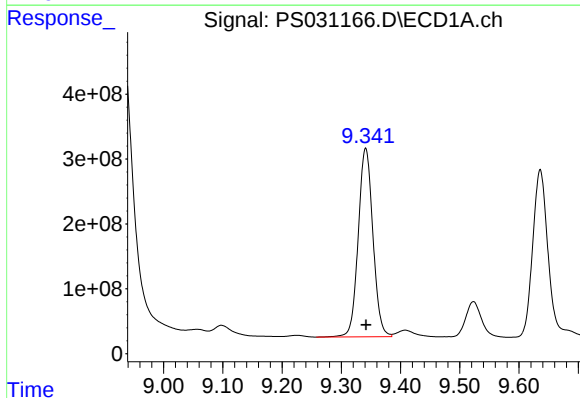
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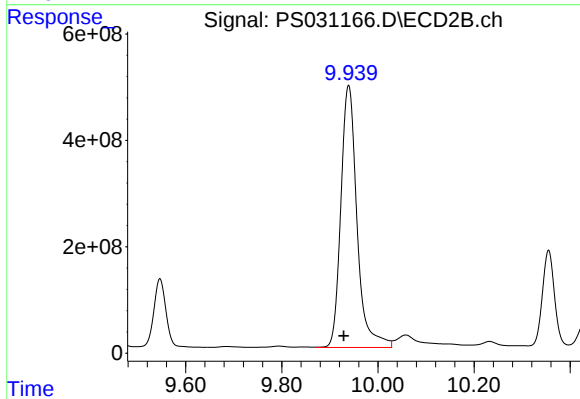
#10 Pentachlorophenol

R.T.: 9.546 min
Delta R.T.: 0.000 min
Response: 2230372744
Conc: 57.07 ng/ml



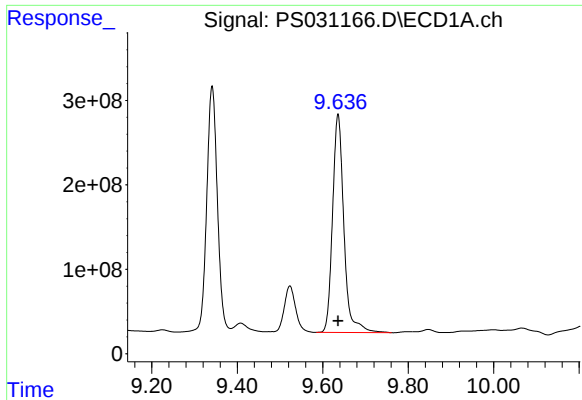
#11 2,4,5-TP (SILVEX)

R.T.: 9.341 min
Delta R.T.: 0.000 min
Response: 5005092876
Conc: 227.99 ng/ml



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

R.T.: 9.939 min
Delta R.T.: 0.010 min
Response: 11455744628
Conc: 769.14 ng/ml



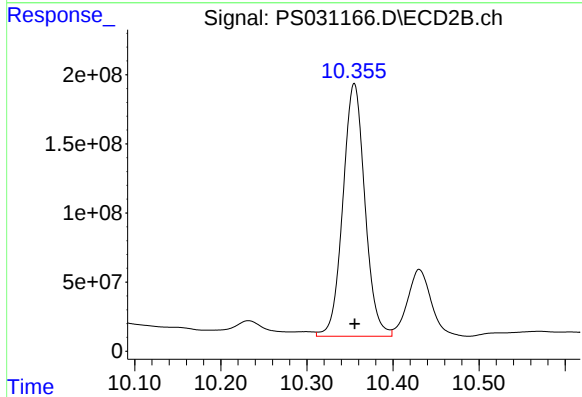
#12 2,4,5-T

R.T.: 9.636 min
Delta R.T.: 0.000 min
Response: 4755980941
Conc: 243.55 ng/ml

Instrument :
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ClientSampleId :
TP-30MS

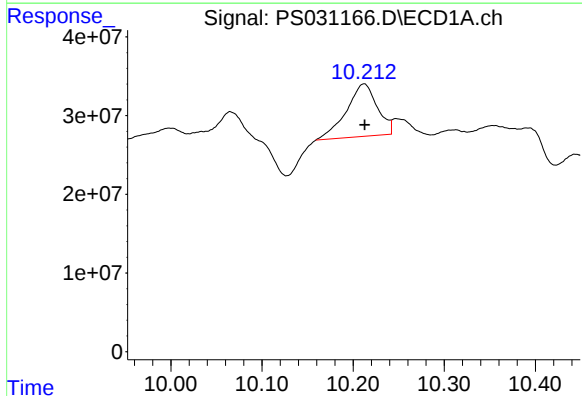
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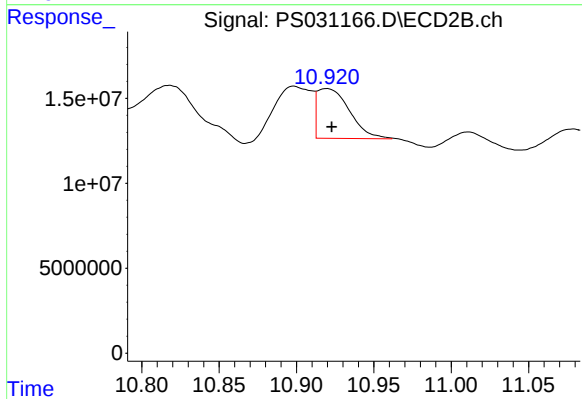
#12 2,4,5-T

R.T.: 10.355 min
Delta R.T.: 0.000 min
Response: 3249791348
Conc: 228.55 ng/ml



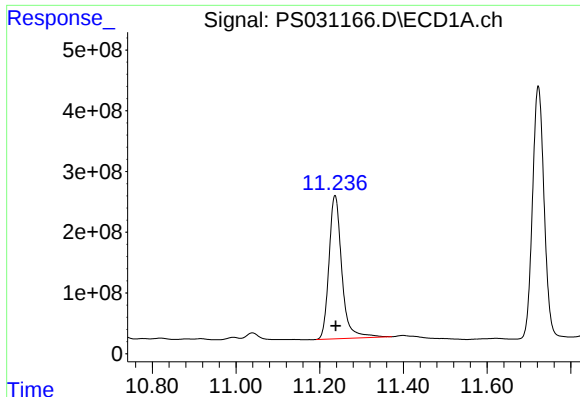
#13 2,4-DB

R.T.: 10.212 min
Delta R.T.: 0.000 min
Response: 158541684
Conc: 53.03 ng/ml m



#13 2,4-DB

R.T.: 10.920 min
Delta R.T.: -0.003 min
Response: 41600649
Conc: 35.54 ng/ml m



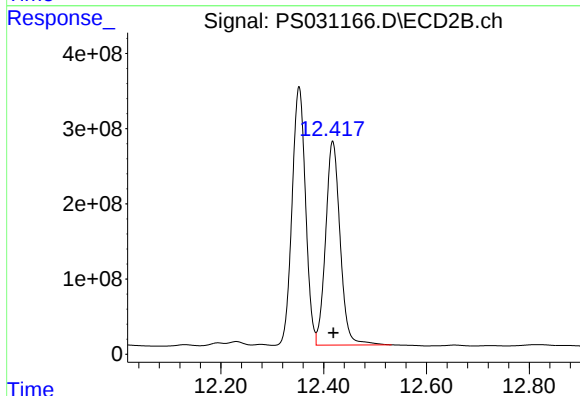
#15 Picloram

R.T.: 11.237 min
Delta R.T.: -0.002 min
Response: 5019837194
Conc: 250.91 ng/ml

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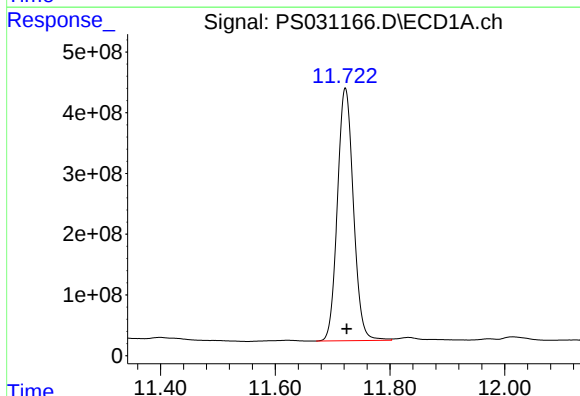
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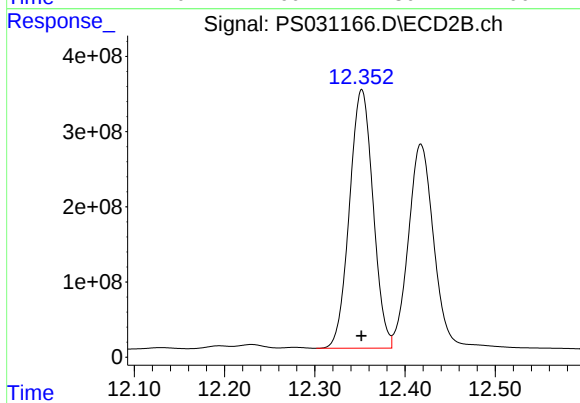
#15 Picloram

R.T.: 12.418 min
Delta R.T.: -0.001 min
Response: 5315232771
Conc: 213.51 ng/ml



#16 DCPA

R.T.: 11.722 min
Delta R.T.: -0.002 min
Response: 8048273407
Conc: 280.49 ng/ml



#16 DCPA

R.T.: 12.352 min
Delta R.T.: 0.000 min
Response: 6248518568
Conc: 271.25 ng/ml