

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS112025\
 Data File : PS032506.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2025 19:23
 Operator : AR\AJ
 Sample : Q3681-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 ETGI-354MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 04:10:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS110325.M
 Quant Title : 8080.M
 QLast Update : Tue Nov 04 04:59:50 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	7.274	7.612	1122.7E6	1105.9E6	247.760m	303.355m
Target Compounds							
1) T	Dalapon	2.651	2.604	451.7E6	1936.3E6	62.917m	278.448m#
2) T	3,5-DICHL...	6.428	6.579	9068.1E6	1715.2E6	1402.376m	285.440m#
3) T	4-Nitroph...	7.093	7.176	251.8E6	446.4E6	187.551	196.669
5) T	DICAMBA	7.457	7.804	5016.6E6	4849.0E6	265.907	280.735
6) T	MCPD	7.632	7.899	290.2E6	802.2E6	26.648m	60.309 #
7) T	MCPA	7.782	8.144	563.7E6	433.2E6	41.989	26.569m#
8) T	DICHLORPROP	8.164	8.516	1261.8E6	1312.1E6	283.635	275.120
9) T	2,4-D	8.420	8.856	9409.0E6	1655.4E6	2085.413	315.578 #
10) T	Pentachlo...	8.692	9.353	20251.4E6	19240.7E6	322.787	327.766
11) T	2,4,5-TP ...	9.269	9.738	8125.6E6	8118.1E6	312.384	302.306
12) T	2,4,5-T	9.566	10.167	6395.8E6	7475.9E6	268.299	315.201
13) T	2,4-DB	10.141	10.731	737.4E6	1034.1E6	279.829m	274.203m
14) T	DINOSEB	11.334	11.102	5954.2E6	5652.5E6	286.157	319.576
15) T	Picloram	11.169	12.214	5841.0E6	7944.1E6	275.185	213.655
16) T	DCPA	11.630	12.135	6064.5E6	7648.6E6	180.748	240.066m#

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

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Acq On : 20 Nov 2025 19:23
Operator : AR\AJ
Sample : Q3681-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

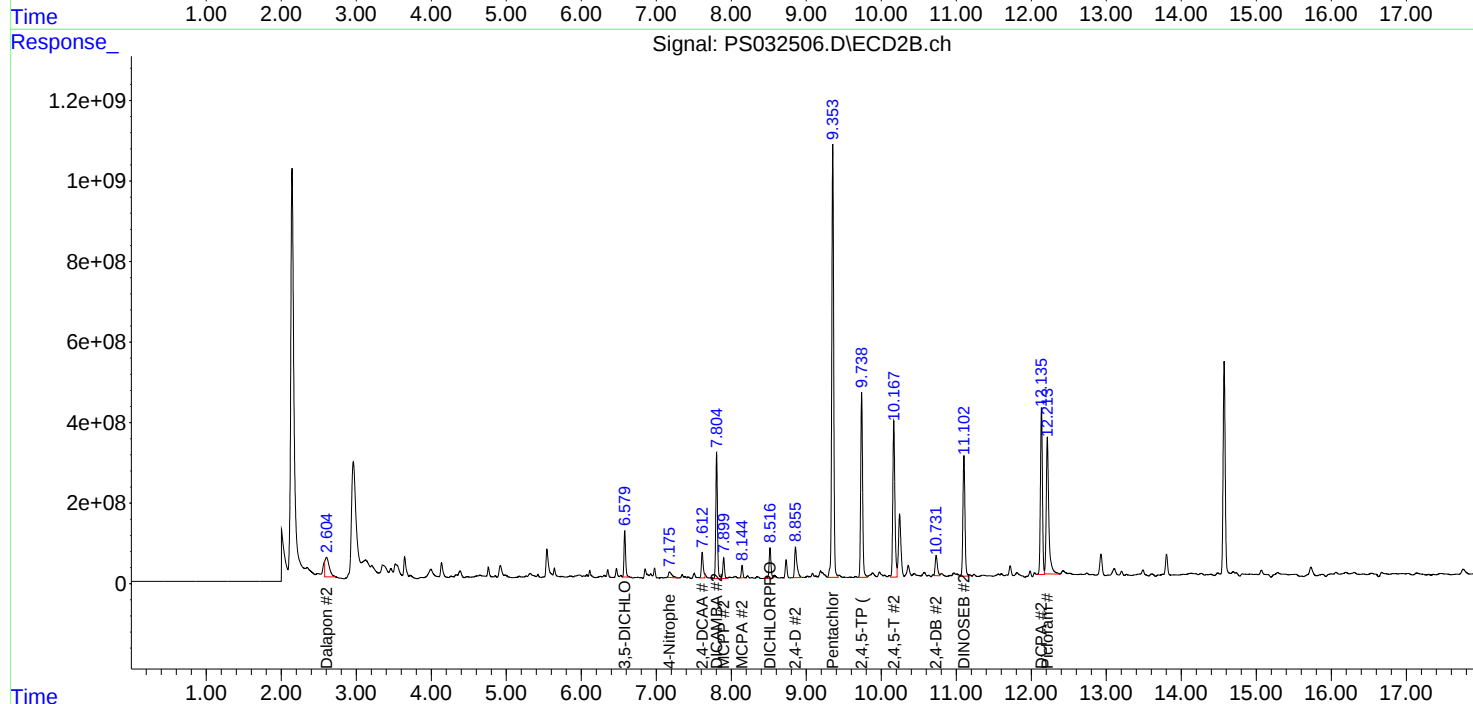
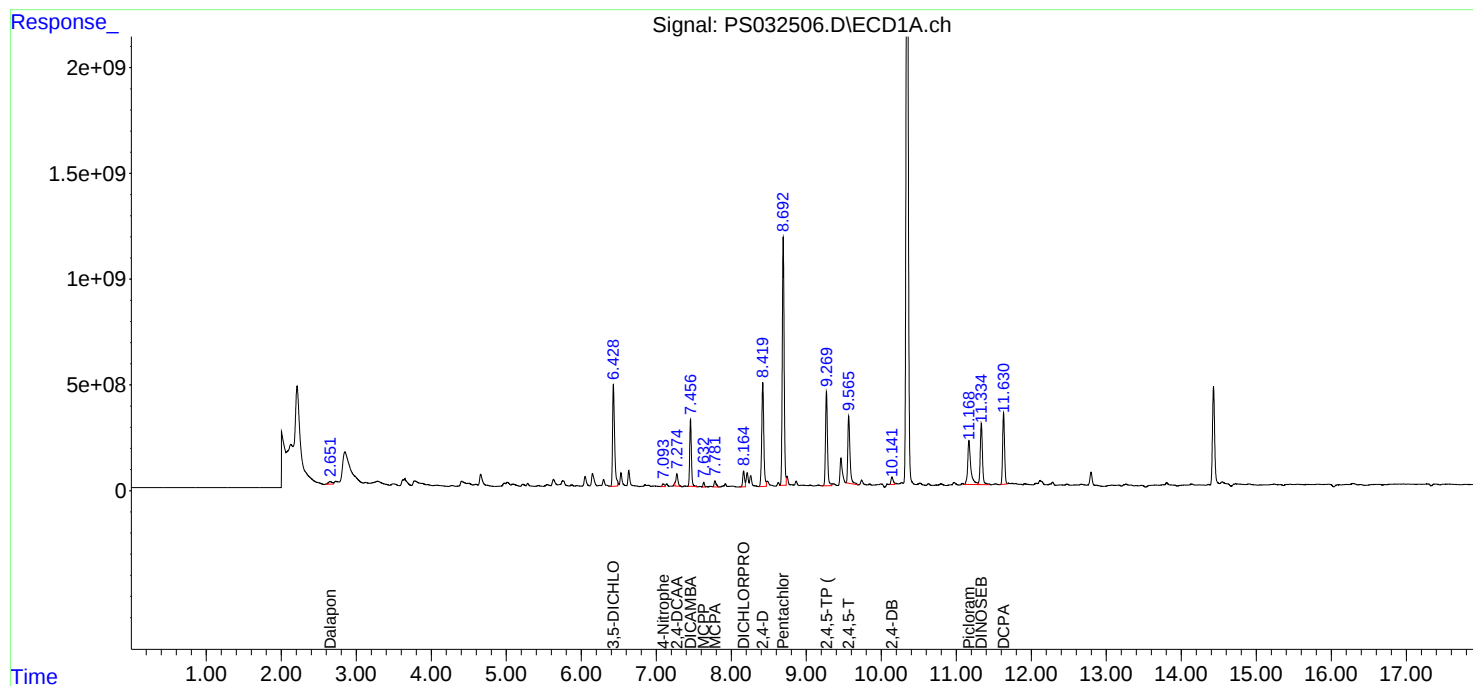
Instrument :
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ClientSampleId :
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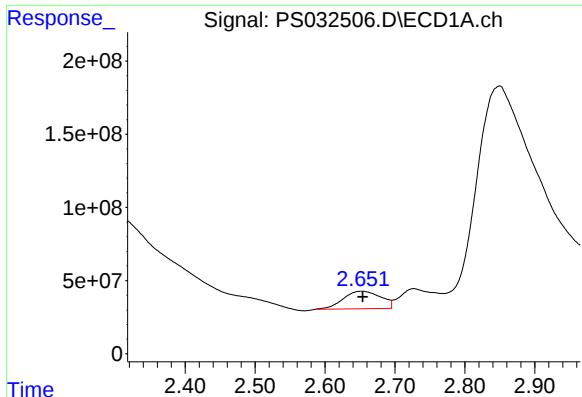
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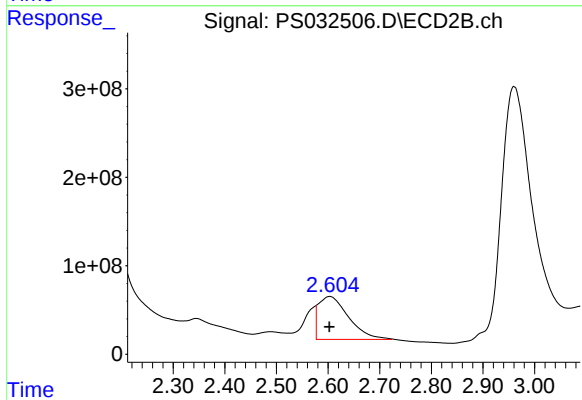
#1 Dalapon

R.T.: 2.651 min
Delta R.T.: -0.003 min
Response: 451666603
Conc: 62.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
ETGI-354MSD

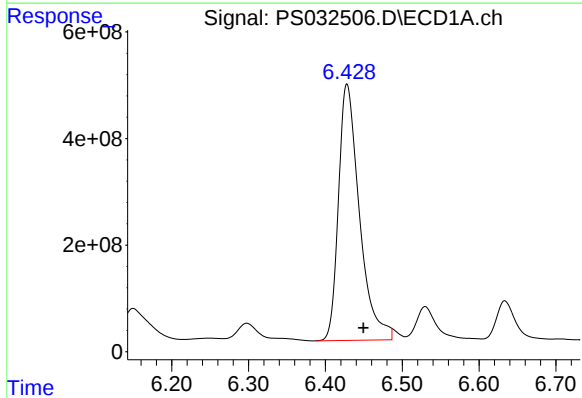
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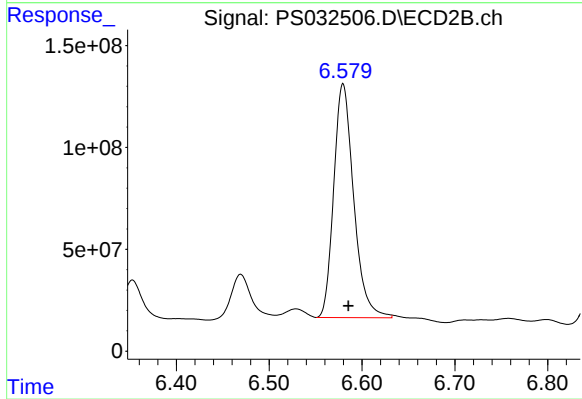
#1 Dalapon

R.T.: 2.604 min
Delta R.T.: 0.001 min
Response: 1936326108
Conc: 278.45 ng/ml m



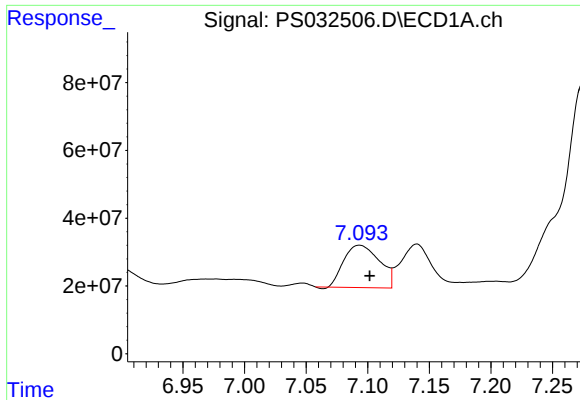
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.428 min
Delta R.T.: -0.022 min
Response: 9068058640
Conc: 1402.38 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.579 min
Delta R.T.: -0.006 min
Response: 1715190864
Conc: 285.44 ng/ml m



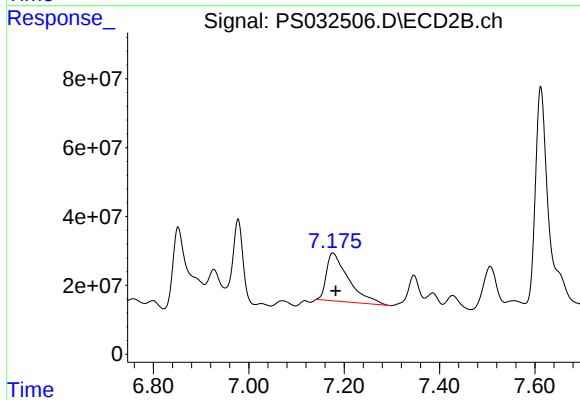
#3 4-Nitrophenol

R.T.: 7.093 min
Delta R.T.: -0.008 min
Response: 251779615
Conc: 187.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
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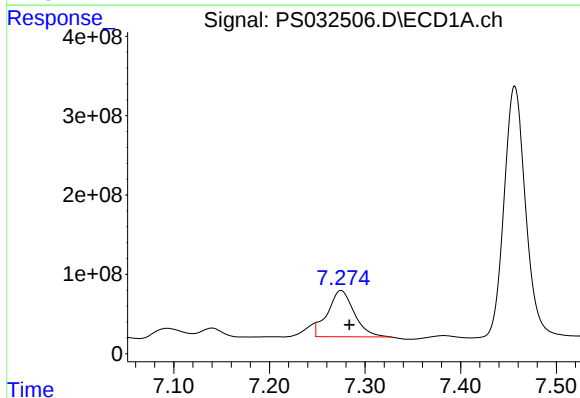
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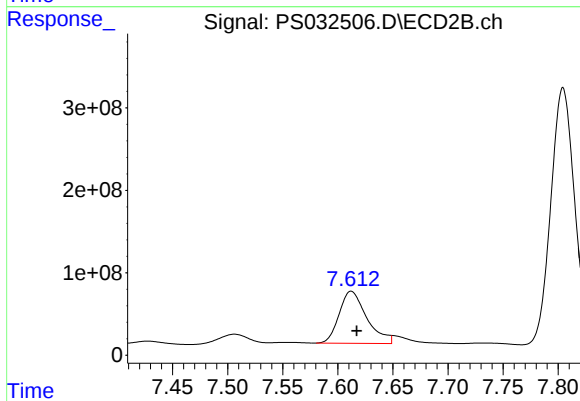
#3 4-Nitrophenol

R.T.: 7.176 min
Delta R.T.: -0.006 min
Response: 446422252
Conc: 196.67 ng/ml



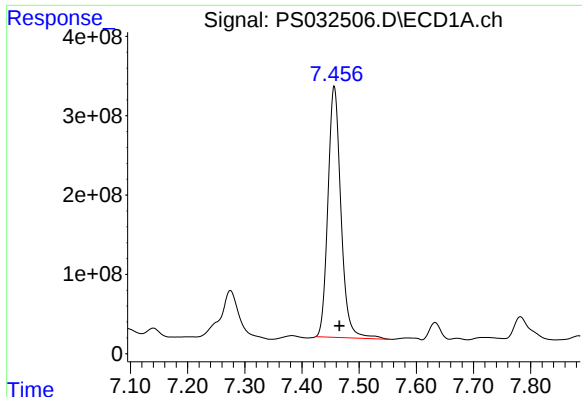
#4 2,4-DCAA

R.T.: 7.274 min
Delta R.T.: -0.009 min
Response: 1122667790
Conc: 247.76 ng/ml m



#4 2,4-DCAA

R.T.: 7.612 min
Delta R.T.: -0.006 min
Response: 1105879034
Conc: 303.35 ng/ml m



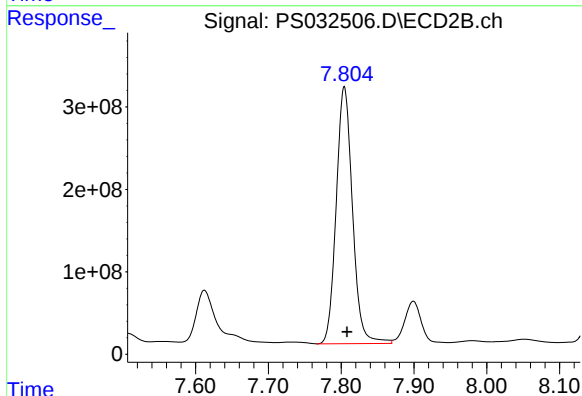
#5 DICAMBA

R.T.: 7.457 min
Delta R.T.: -0.009 min
Response: 5016644337
Conc: 265.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
ETGI-354MSD

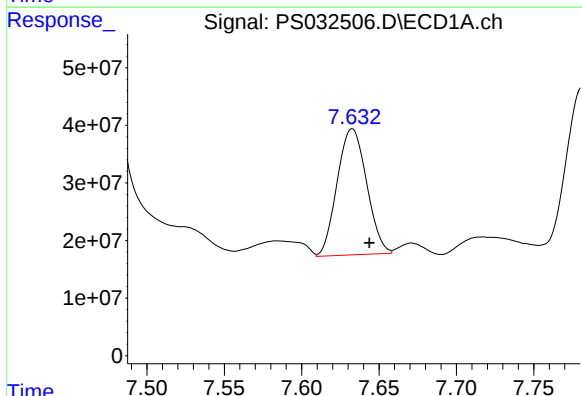
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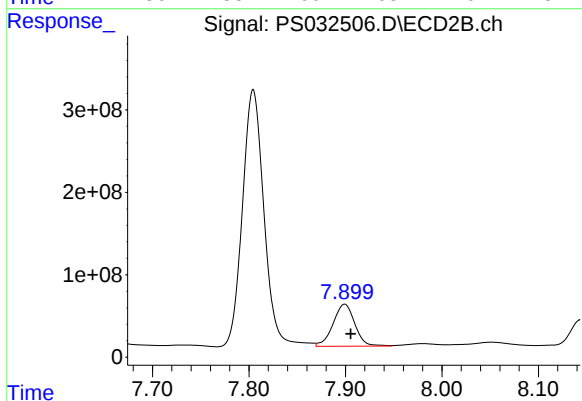
#5 DICAMBA

R.T.: 7.804 min
Delta R.T.: -0.004 min
Response: 4848974536
Conc: 280.73 ng/ml



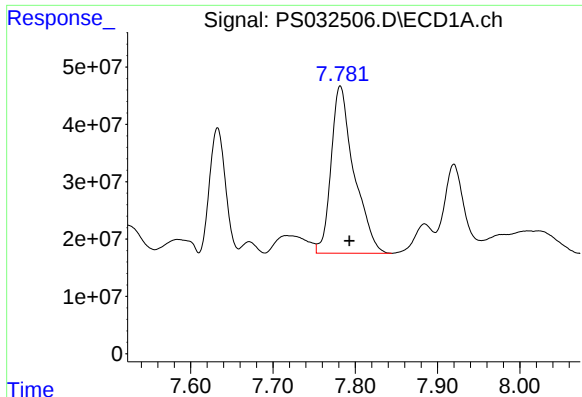
#6 MCP

R.T.: 7.632 min
Delta R.T.: -0.011 min
Response: 290203091
Conc: 26.65 ug/ml m



#6 MCP

R.T.: 7.899 min
Delta R.T.: -0.006 min
Response: 802163093
Conc: 60.31 ug/ml



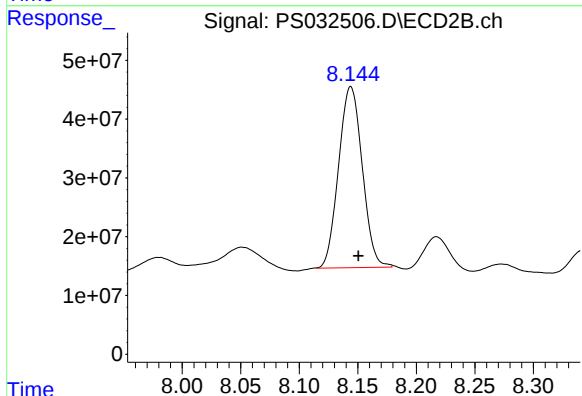
#7 MCPA

R.T.: 7.782 min
Delta R.T.: -0.011 min
Response: 563739295
Conc: 41.99 ug/ml

Instrument :
ECD_S
ClientSampleId :
ETGI-354MSD

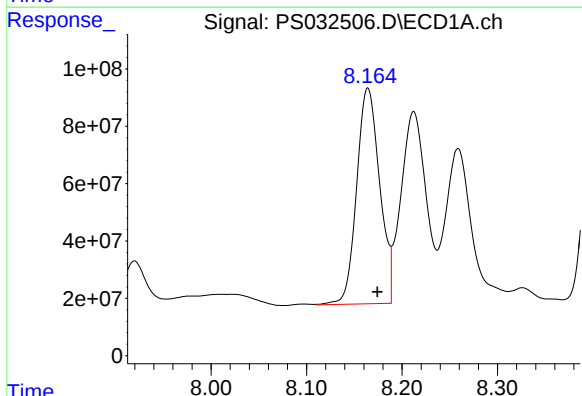
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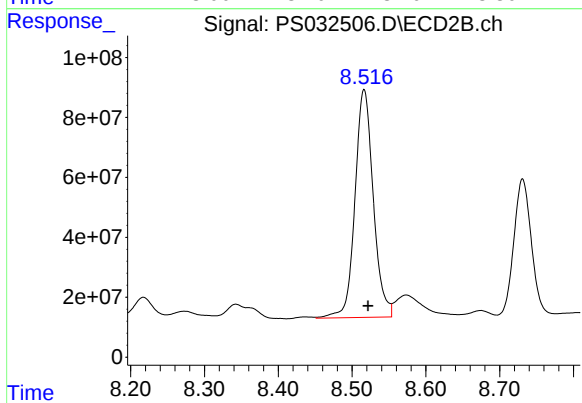
#7 MCPA

R.T.: 8.144 min
Delta R.T.: -0.007 min
Response: 433192469
Conc: 26.57 ug/ml m



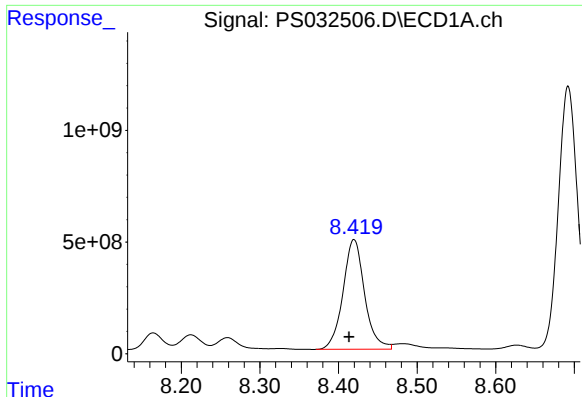
#8 DICHLORPROP

R.T.: 8.164 min
Delta R.T.: -0.010 min
Response: 1261824148
Conc: 283.64 ng/ml



#8 DICHLORPROP

R.T.: 8.516 min
Delta R.T.: -0.005 min
Response: 1312084808
Conc: 275.12 ng/ml



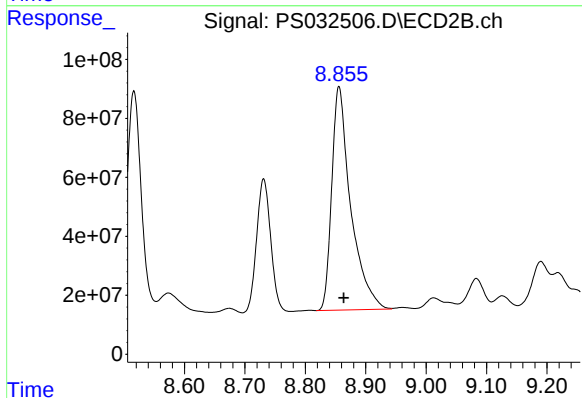
#9 2,4-D

R.T.: 8.420 min
Delta R.T.: 0.006 min
Response: 9408993444
Conc: 2085.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
ETGI-354MSD

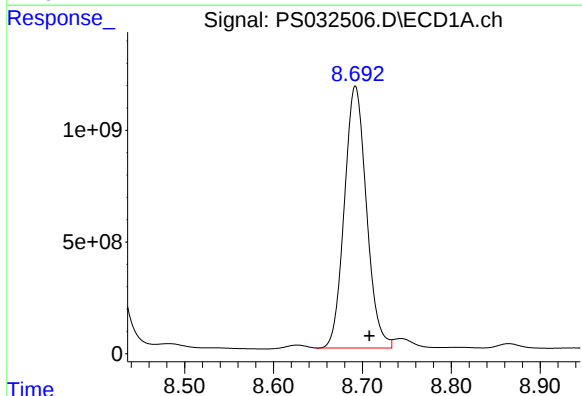
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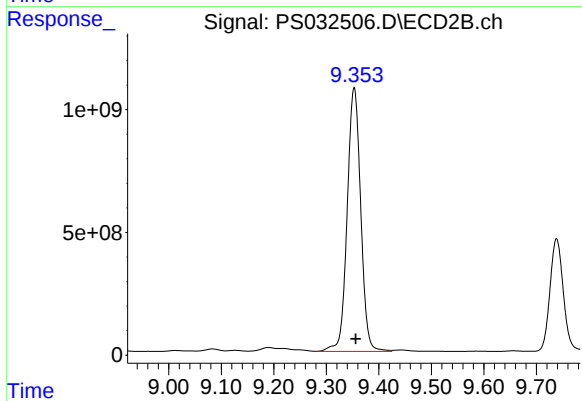
#9 2,4-D

R.T.: 8.856 min
Delta R.T.: -0.008 min
Response: 1655416064
Conc: 315.58 ng/ml



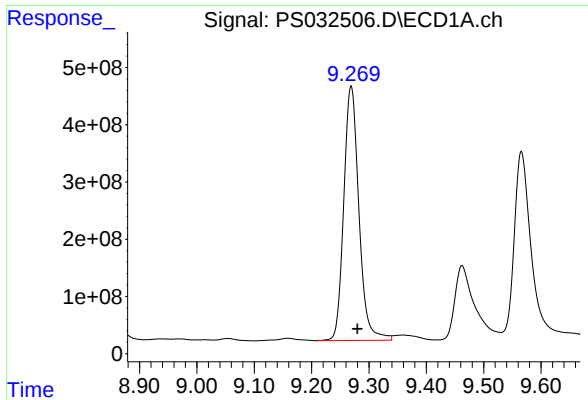
#10 Pentachlorophenol

R.T.: 8.692 min
Delta R.T.: -0.016 min
Response: 20251360519
Conc: 322.79 ng/ml



#10 Pentachlorophenol

R.T.: 9.353 min
Delta R.T.: -0.003 min
Response: 19240729375
Conc: 327.77 ng/ml



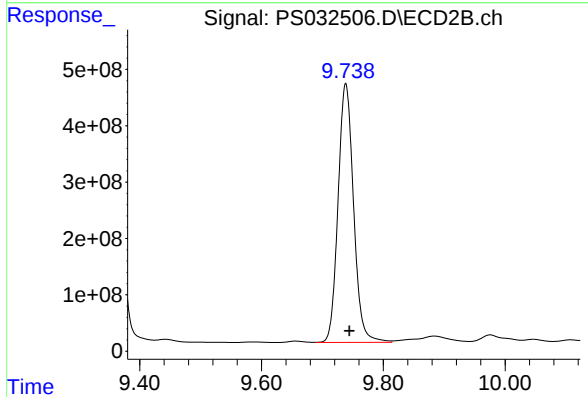
#11 2,4,5-TP (SILVEX)

R.T.: 9.269 min
Delta R.T.: -0.011 min
Response: 8125606972
Conc: 312.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
ETGI-354MSD

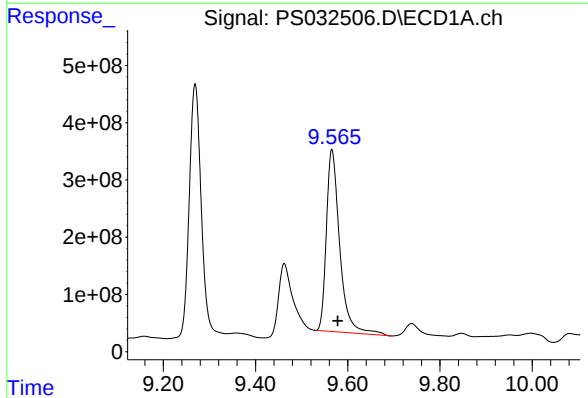
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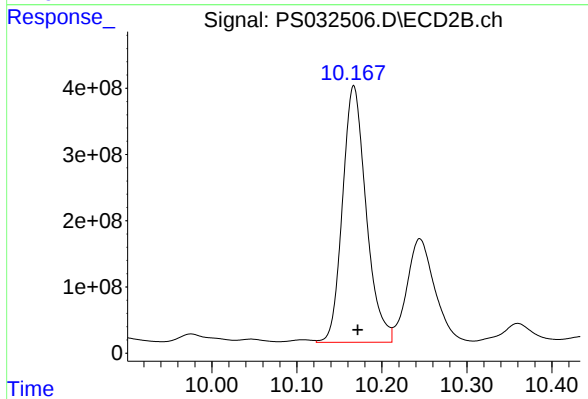
#11 2,4,5-TP (SILVEX)

R.T.: 9.738 min
Delta R.T.: -0.006 min
Response: 8118099806
Conc: 302.31 ng/ml



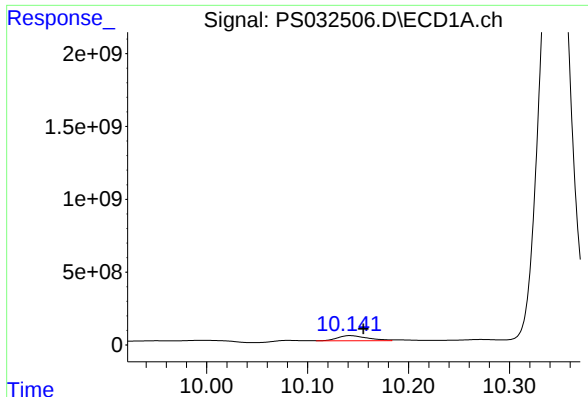
#12 2,4,5-T

R.T.: 9.566 min
Delta R.T.: -0.013 min
Response: 6395781483
Conc: 268.30 ng/ml



#12 2,4,5-T

R.T.: 10.167 min
Delta R.T.: -0.005 min
Response: 7475949035
Conc: 315.20 ng/ml



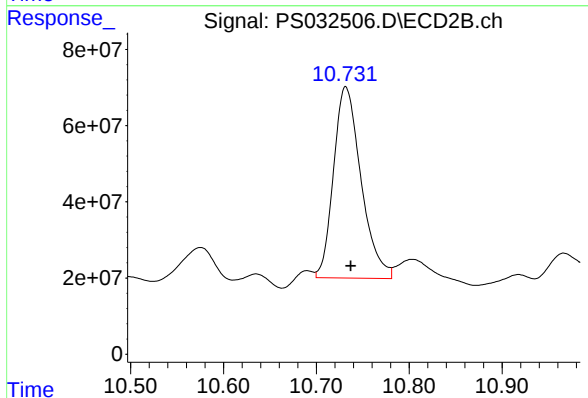
#13 2,4-DB

R.T.: 10.141 min
Delta R.T.: -0.014 min
Response: 737382372
Conc: 279.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
ETGI-354MSD

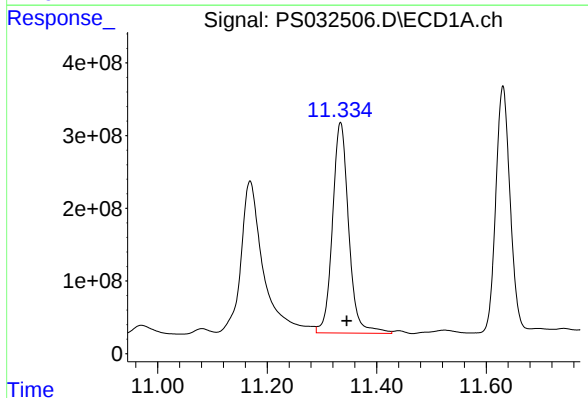
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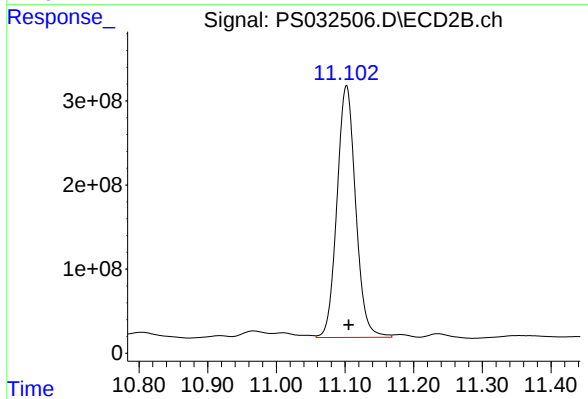
#13 2,4-DB

R.T.: 10.731 min
Delta R.T.: -0.006 min
Response: 1034112459
Conc: 274.20 ng/ml m



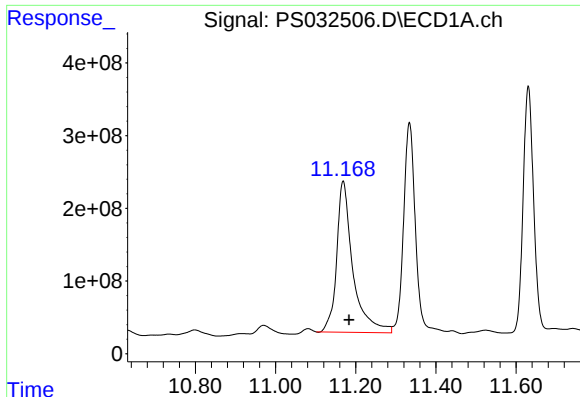
#14 DINOSEB

R.T.: 11.334 min
Delta R.T.: -0.011 min
Response: 5954243111
Conc: 286.16 ng/ml



#14 DINOSEB

R.T.: 11.102 min
Delta R.T.: -0.003 min
Response: 5652457798
Conc: 319.58 ng/ml



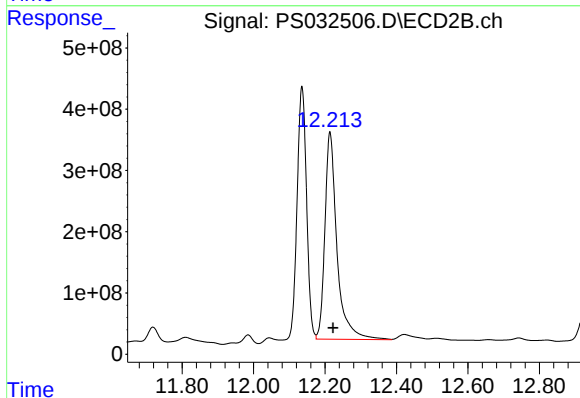
#15 Picloram

R.T.: 11.169 min
Delta R.T.: -0.015 min
Response: 5840963498
Conc: 275.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
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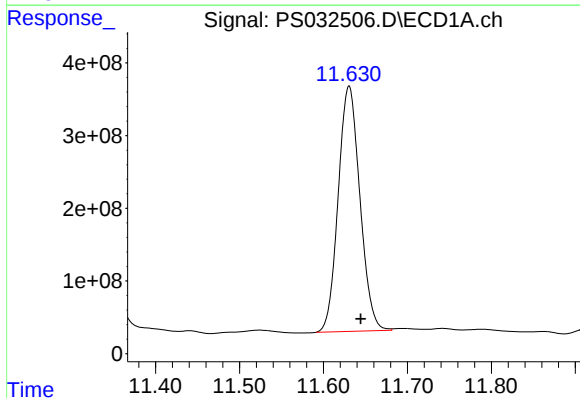
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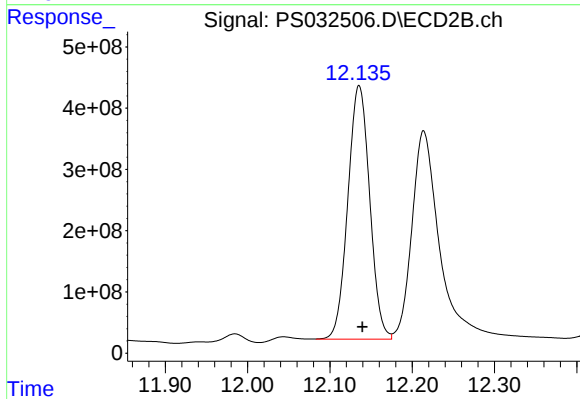
#15 Picloram

R.T.: 12.214 min
Delta R.T.: -0.009 min
Response: 7944134863
Conc: 213.65 ng/ml



#16 DCPA

R.T.: 11.630 min
Delta R.T.: -0.014 min
Response: 6064480925
Conc: 180.75 ng/ml



#16 DCPA

R.T.: 12.135 min
Delta R.T.: -0.005 min
Response: 7648618986
Conc: 240.07 ng/ml m