

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS092225\
 Data File : PS031792.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2025 20:41
 Operator : AR\AJ
 Sample : Q3092-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 291376MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/23/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 01:51:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.284	7.743	1625.5E6	478.1E6	451.329m	526.024m
Target Compounds							
1) T	Dalapon	2.671	2.684	2162.8E6	2187.2E6	374.144	776.247m#
2) T	3,5-DICHL...	6.452	6.696	2584.7E6	660.3E6	484.630	432.967
5) T	DICAMBA	7.469	7.940	7318.8E6	3014.0E6	469.250	463.199
6) T	MCP	7.645	8.035	400.1E6	76678664	44.758	40.713
7) T	MCPA	7.795	8.282	543.9E6	121.2E6	48.953	43.273
8) T	DICHLORPROP	8.176	8.658	1835.7E6	704.0E6	515.380	483.816
9) T	2,4-D	8.413	8.999	2008.2E6	959.4E6	586.221	583.196
10) T	Pentachlo...	8.708	9.509	27175.9E6	18010.0E6	511.847	453.760
11) T	2,4,5-TP ...	9.285	9.892	11620.6E6	7698.7E6	554.055	511.393
12) T	2,4,5-T	9.582	10.323	10347.9E6	6616.3E6	565.517	491.664
13) T	2,4-DB	10.158	10.890	1305.7E6	468.1E6	559.721	437.456m
14) T	DINOSEB	11.354	11.266	5905.5E6	3665.6E6	409.460	377.092
15) T	Picloram	11.184	12.388	8656.3E6	9764.4E6	480.611	412.291
16) T	DCPA	11.651	12.307	12770.8E6	11775.9E6	473.872	488.542

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

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Acq On : 22 Sep 2025 20:41
Operator : AR\AJ
Sample : Q3092-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

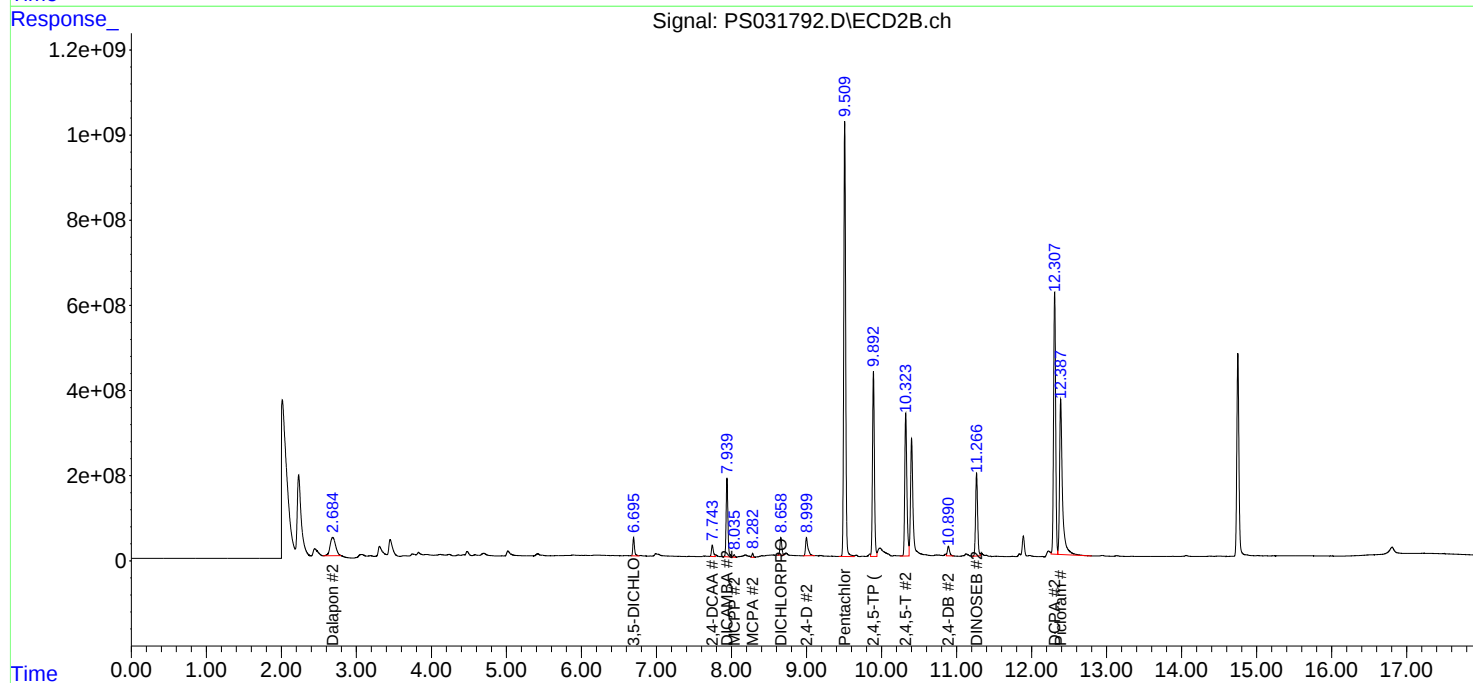
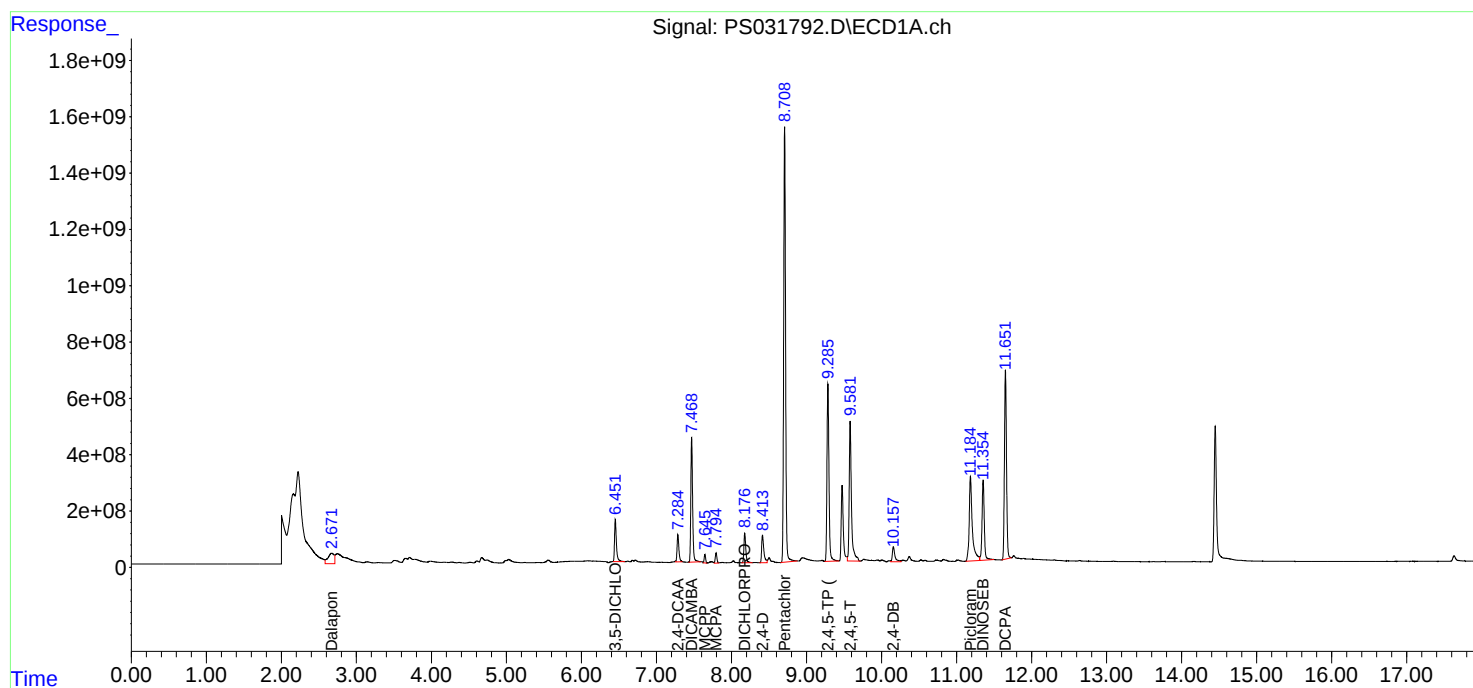
Instrument :
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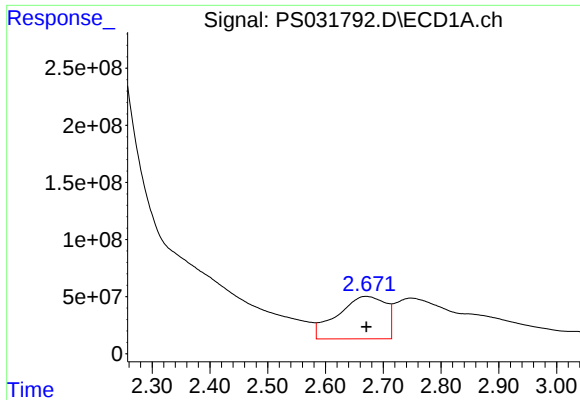
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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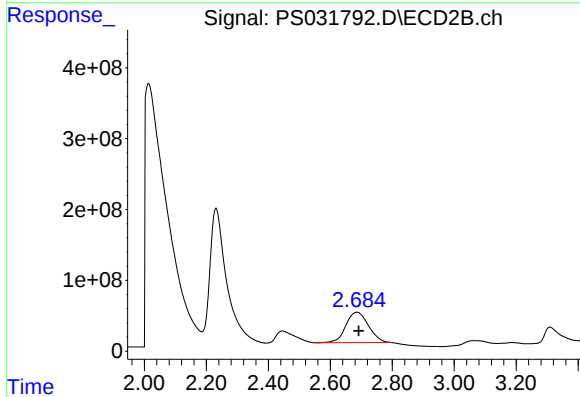
#1 Dalapon

R.T.: 2.671 min
Delta R.T.: 0.000 min
Response: 2162831651
Conc: 374.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
291376MSD

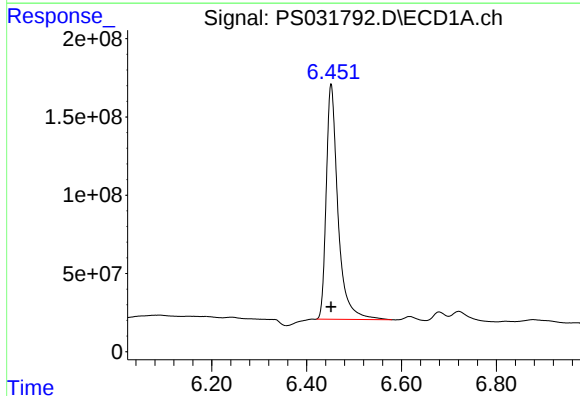
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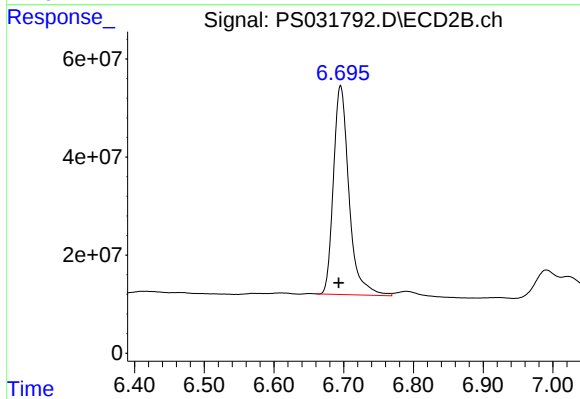
#1 Dalapon

R.T.: 2.684 min
Delta R.T.: -0.008 min
Response: 2187173331
Conc: 776.25 ng/ml m



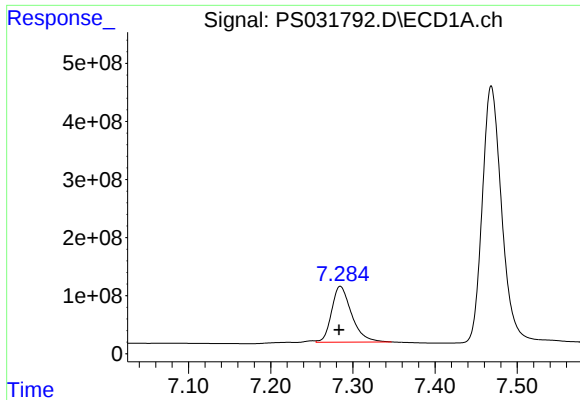
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 2584708648
Conc: 484.63 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: 0.003 min
Response: 660259192
Conc: 432.97 ng/ml



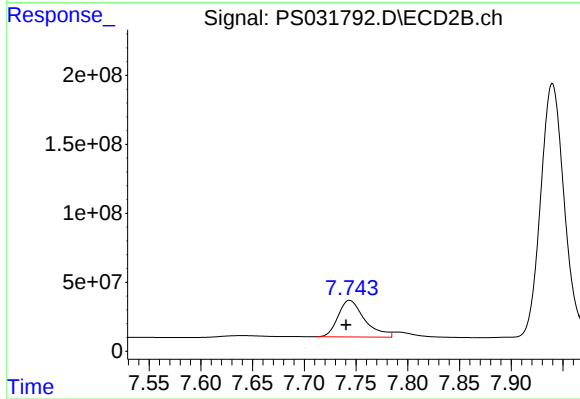
#4 2,4-DCAA

R.T.: 7.284 min
Delta R.T.: 0.001 min
Response: 1625474791
Conc: 451.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
291376MSD

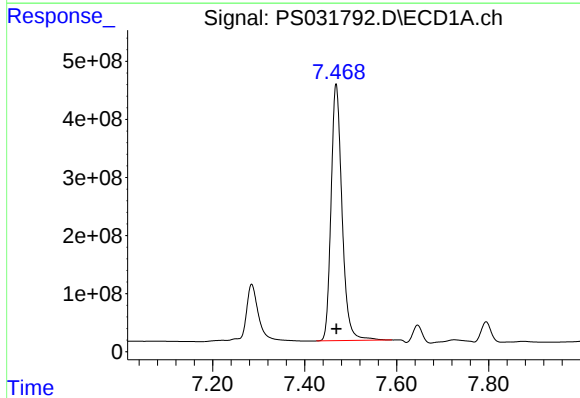
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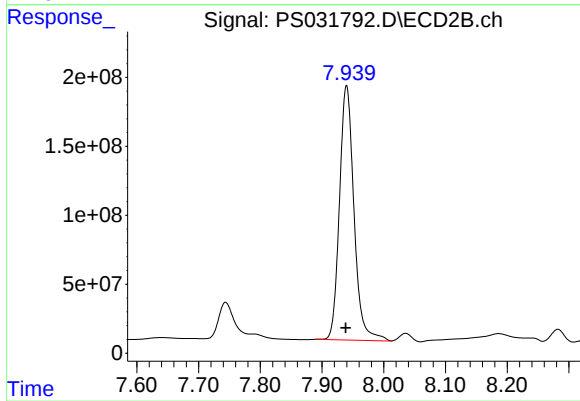
#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.003 min
Response: 478103027
Conc: 526.02 ng/ml m



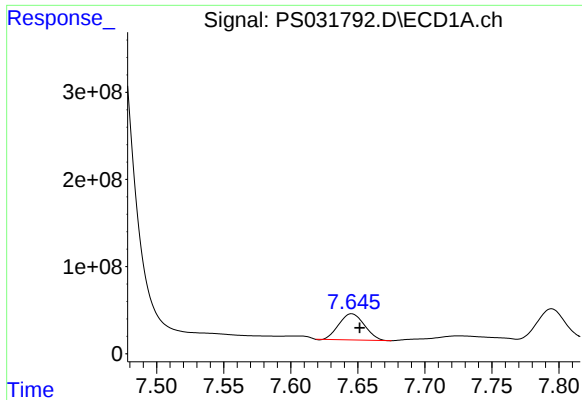
#5 DICAMBA

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 7318754195
Conc: 469.25 ng/ml



#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: 0.001 min
Response: 3013968557
Conc: 463.20 ng/ml



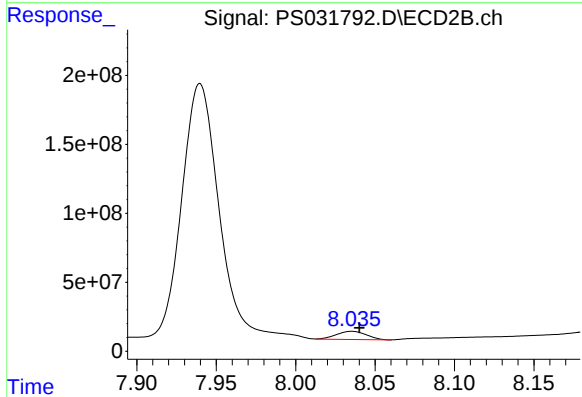
#6 MCPP

R.T.: 7.645 min
Delta R.T.: -0.006 min
Response: 400098190
Conc: 44.76 ug/ml

Instrument :
ECD_S
ClientSampleId :
291376MSD

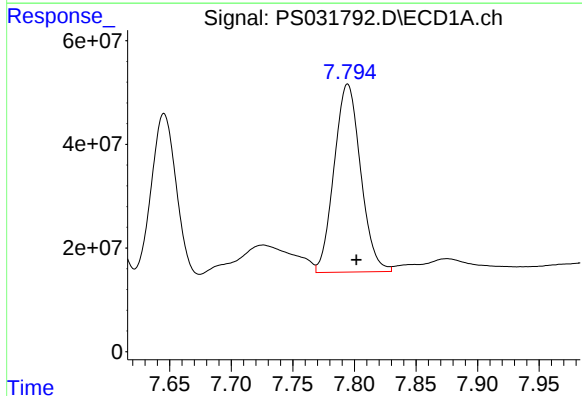
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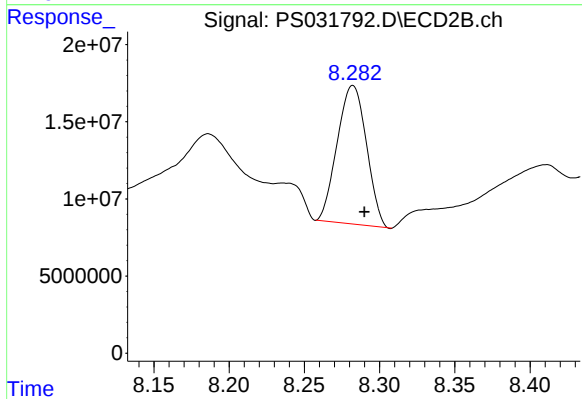
#6 MCPP

R.T.: 8.035 min
Delta R.T.: -0.005 min
Response: 76678664
Conc: 40.71 ug/ml



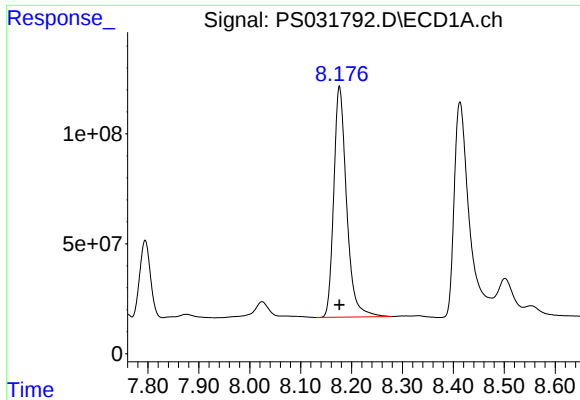
#7 MCPA

R.T.: 7.795 min
Delta R.T.: -0.007 min
Response: 543893348
Conc: 48.95 ug/ml



#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.008 min
Response: 121217206
Conc: 43.27 ug/ml



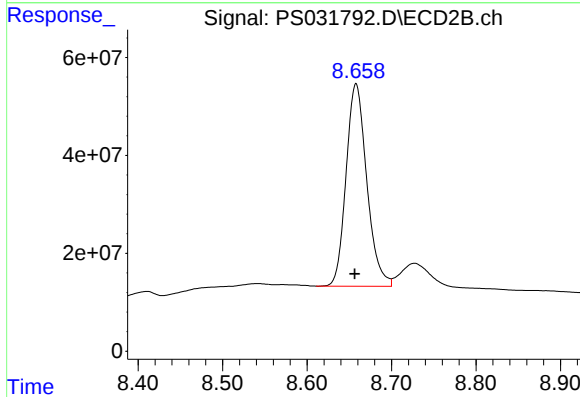
#8 DICHLORPROP

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 1835661258
Conc: 515.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
291376MSD

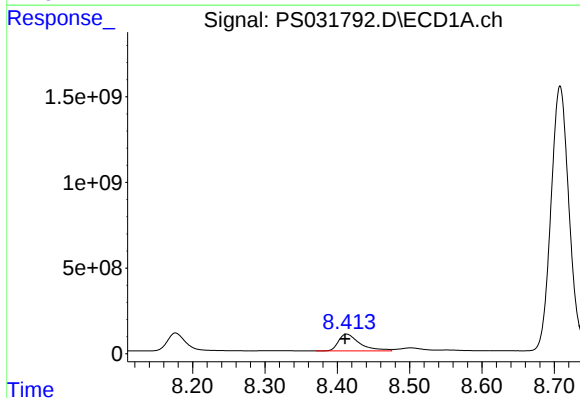
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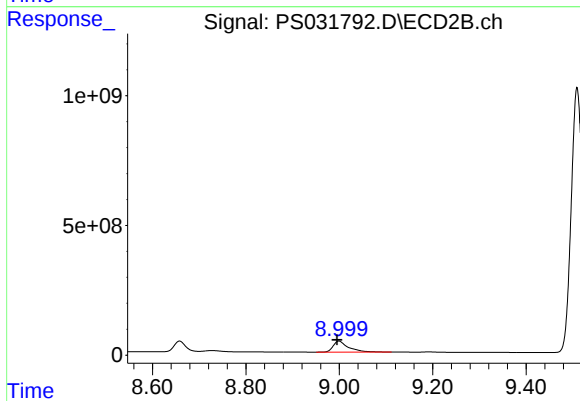
#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: 0.001 min
Response: 703981620
Conc: 483.82 ng/ml



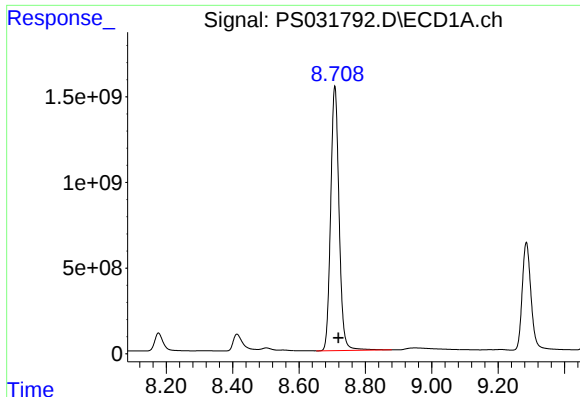
#9 2,4-D

R.T.: 8.413 min
Delta R.T.: 0.003 min
Response: 2008183299
Conc: 586.22 ng/ml



#9 2,4-D

R.T.: 8.999 min
Delta R.T.: 0.004 min
Response: 959422367
Conc: 583.20 ng/ml



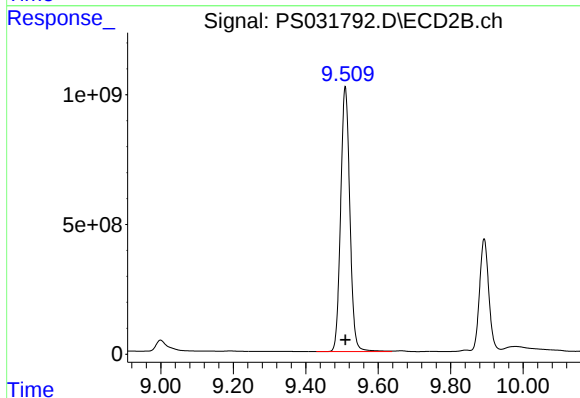
#10 Pentachlorophenol

R.T.: 8.708 min
Delta R.T.: -0.011 min
Response: 27175931138
Conc: 511.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
291376MSD

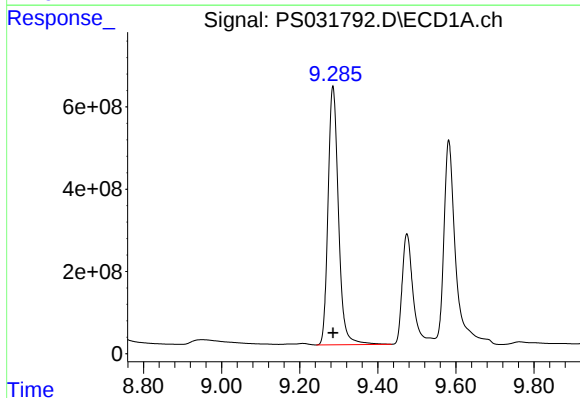
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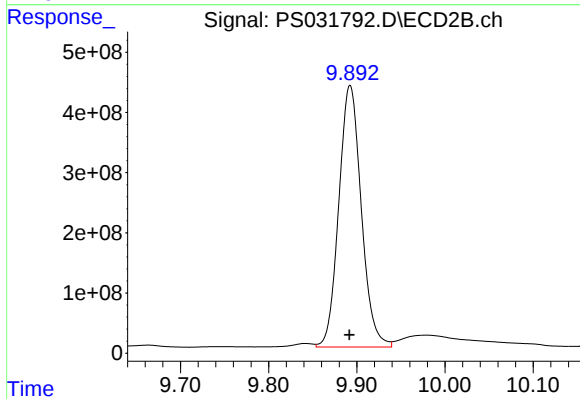
#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: 0.000 min
Response: 18009959139
Conc: 453.76 ng/ml



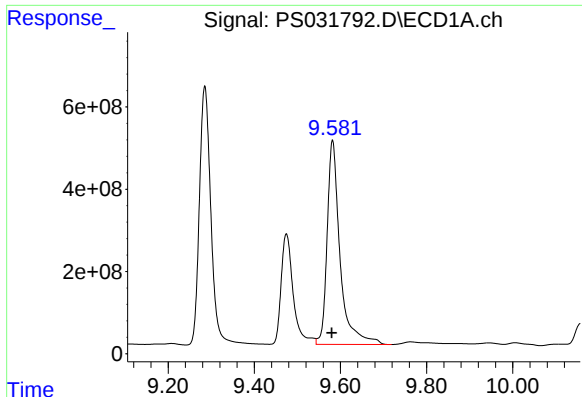
#11 2,4,5-TP (SILVEX)

R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 11620568955
Conc: 554.05 ng/ml



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

R.T.: 9.892 min
Delta R.T.: 0.000 min
Response: 7698679594
Conc: 511.39 ng/ml



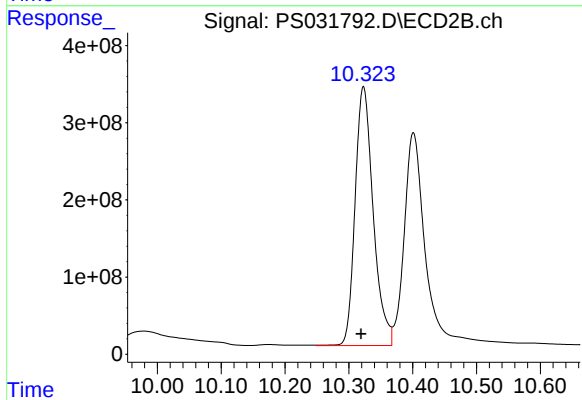
#12 2,4,5-T

R.T.: 9.582 min
Delta R.T.: 0.002 min
Response: 10347919799
Conc: 565.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
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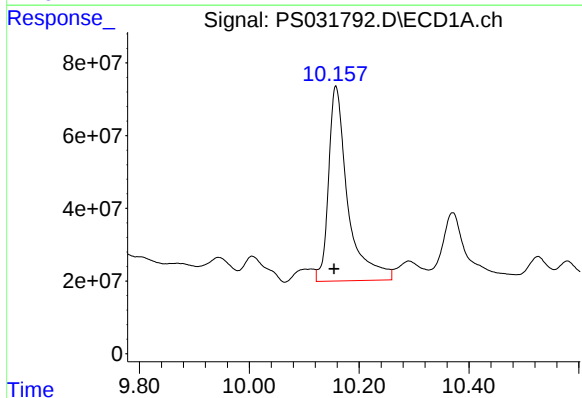
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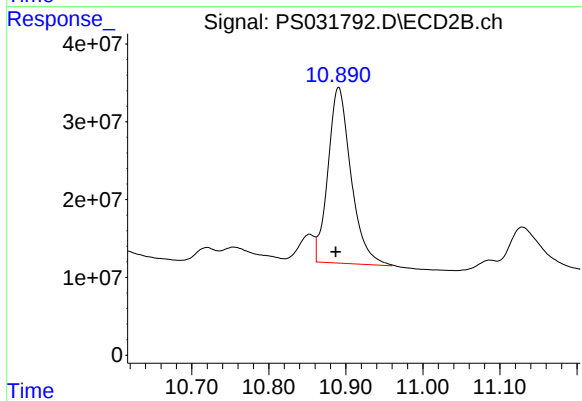
#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: 0.004 min
Response: 6616334174
Conc: 491.66 ng/ml



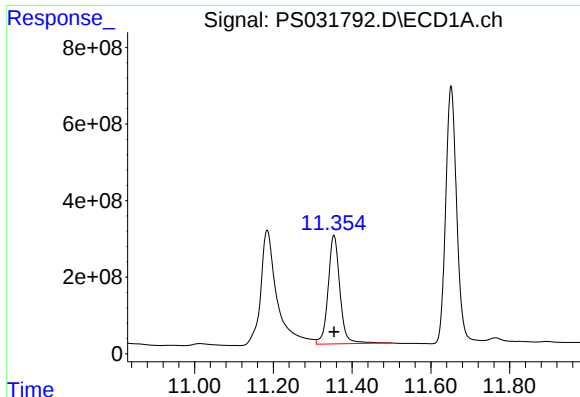
#13 2,4-DB

R.T.: 10.158 min
Delta R.T.: 0.003 min
Response: 1305698541
Conc: 559.72 ng/ml



#13 2,4-DB

R.T.: 10.890 min
Delta R.T.: 0.004 min
Response: 468097030
Conc: 437.46 ng/ml m



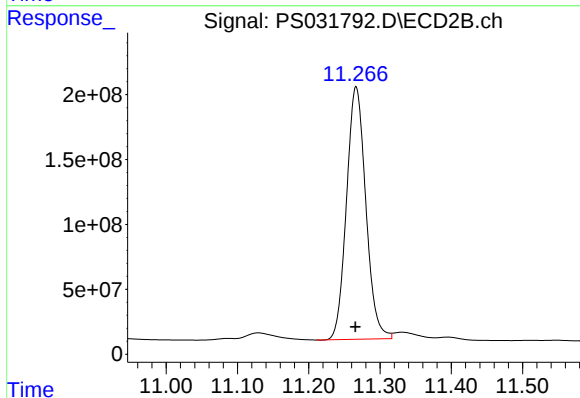
#14 DINOSEB

R.T.: 11.354 min
Delta R.T.: 0.000 min
Response: 5905517638
Conc: 409.46 ng/ml

Instrument :
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ClientSampleId :
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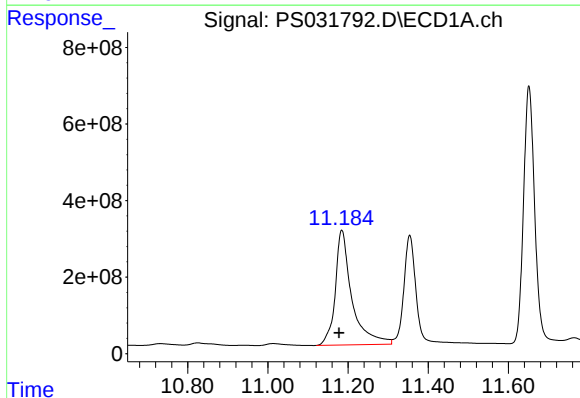
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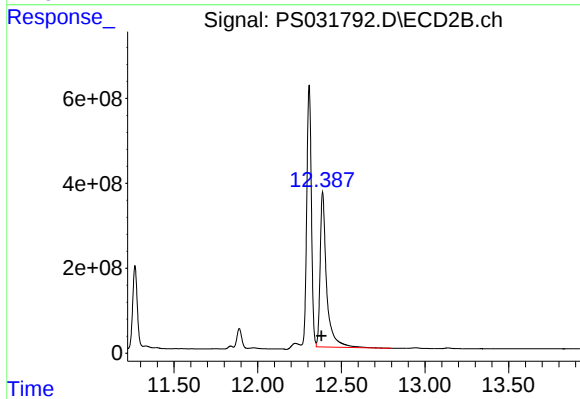
#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: 0.001 min
Response: 3665586957
Conc: 377.09 ng/ml



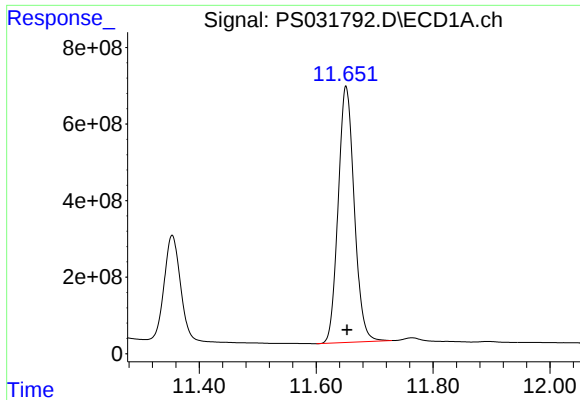
#15 Picloram

R.T.: 11.184 min
Delta R.T.: 0.007 min
Response: 8656322455
Conc: 480.61 ng/ml



#15 Picloram

R.T.: 12.388 min
Delta R.T.: 0.008 min
Response: 9764385361
Conc: 412.29 ng/ml



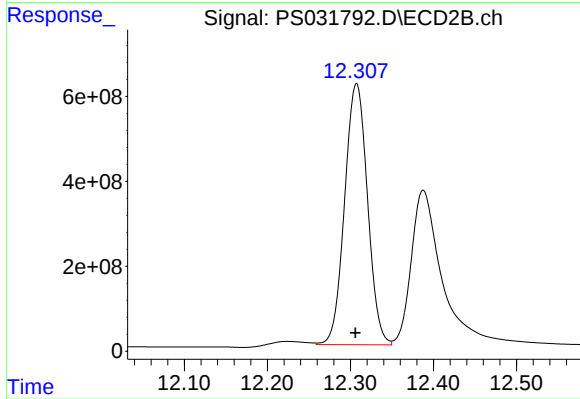
#16 DCPA

R.T.: 11.651 min
Delta R.T.: -0.001 min
Response: 12770798157
Conc: 473.87 ng/ml

Instrument :
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#16 DCPA

R.T.: 12.307 min
Delta R.T.: 0.001 min
Response: 11775868436
Conc: 488.54 ng/ml