

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061725\
 Data File : PS030725.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 19:28
 Operator : AR\AJ
 Sample : Q2312-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-1MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/18/2025
 Supervised By : mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 08:16:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061625.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 16 11:52:28 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	7.349	7.771	2767.9E6	772.5E6	735.976	715.473
Target Compounds							
2) T	3,5-DICHL...	6.508	6.714	2285.4E6	686.4E6	420.333m	424.338
5) T	DICAMBA	7.540	7.972	6011.3E6	2573.9E6	384.220	388.191
6) T	MCP	7.721	8.070	323.2E6	73259921	33.981	33.279
7) T	MCPA	7.870	8.317	507.9E6	106.3E6	42.615m	33.142
8) T	DICHLORPROP	8.255	8.690	1552.0E6	672.9E6	422.270	439.154
9) T	2,4-D	8.480	9.026	3448.2E6	585.6E6	1014.073	349.315 #
10) T	Pentachlo...	8.793	9.551	7439.9E6	3695.9E6	143.932m	97.423 #
11) T	2,4,5-TP ...	9.376	9.932	8641.6E6	5820.7E6	431.934	405.495m
12) T	2,4,5-T	9.671	10.357	8396.8E6	5530.5E6	504.979	401.091m
13) T	2,4-DB	10.249	10.926	839.8E6	514.6E6	339.841m	433.728 #
15) T	Picloram	11.275	12.419	7270.3E6	7742.3E6	435.444m	322.919 #
16) T	DCPA	11.762	12.355	8082.0E6	9040.1E6	311.145	420.947m#

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

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Acq On : 17 Jun 2025 19:28
Operator : AR\AJ
Sample : Q2312-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

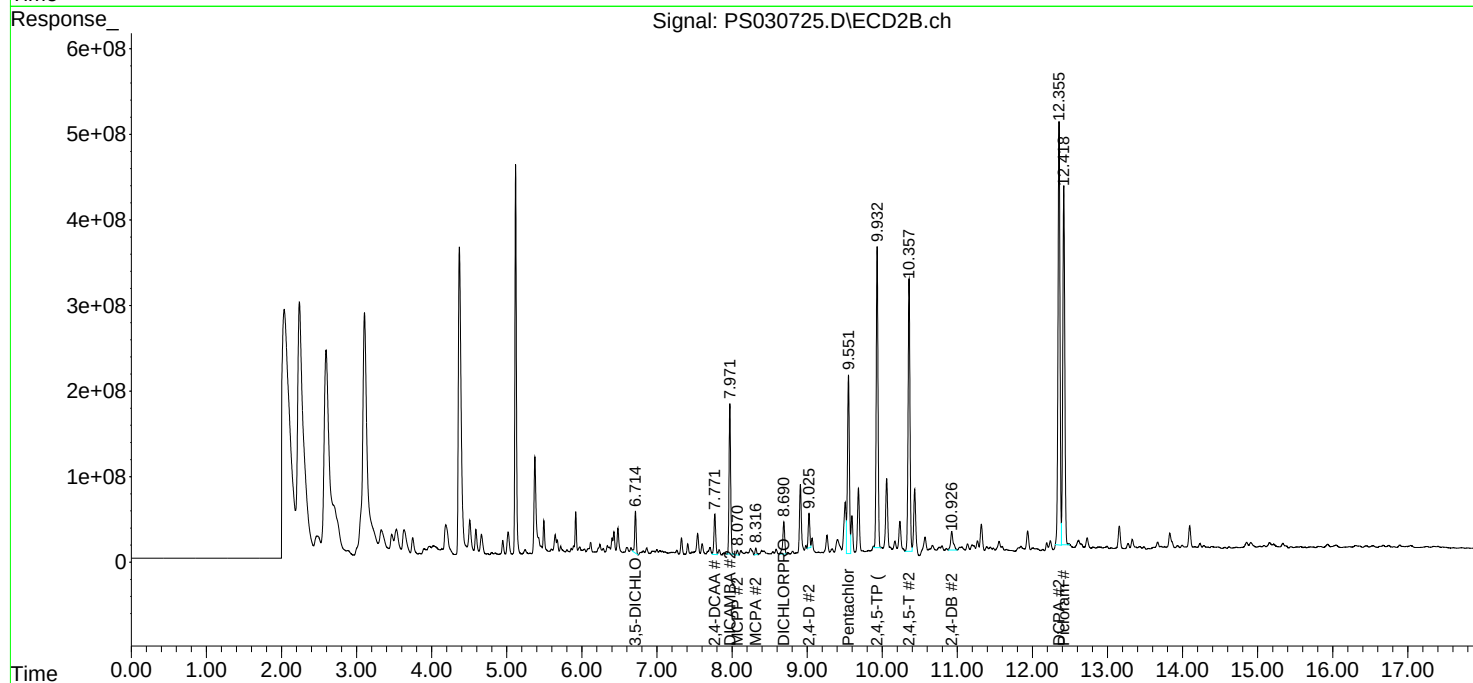
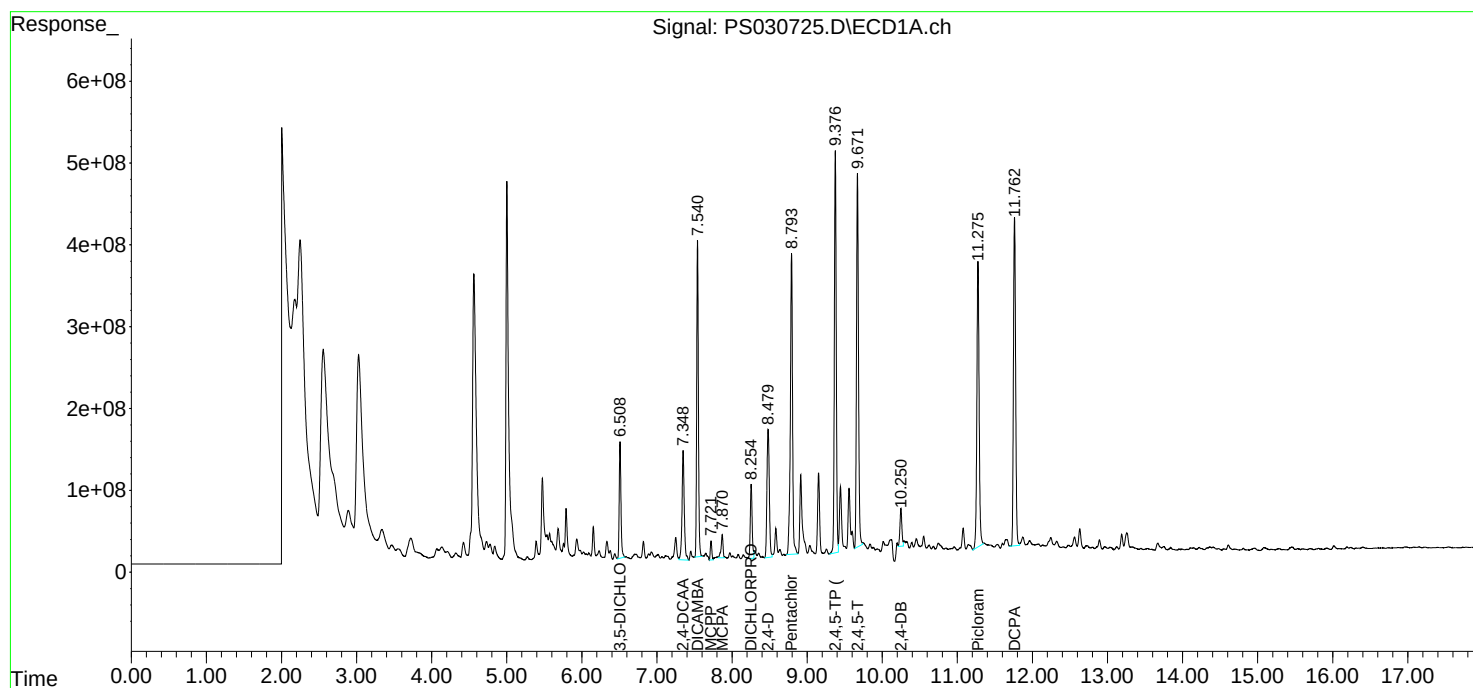
Instrument :
ECD_S
ClientSampleId :
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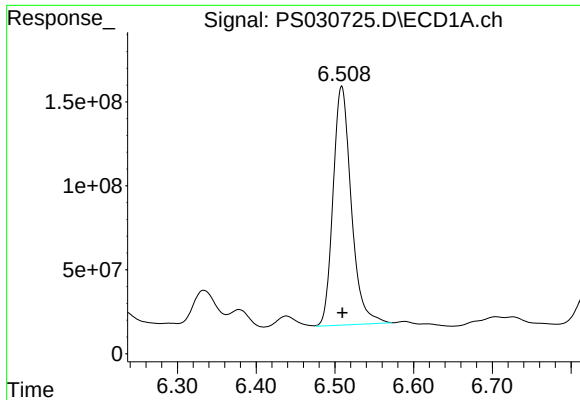
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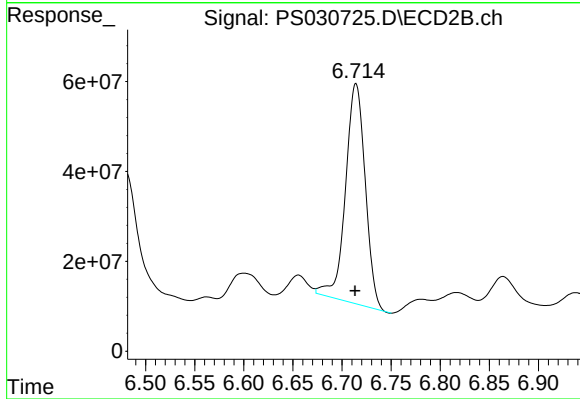
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.508 min
Delta R.T.: -0.001 min
Response: 2285374922
Conc: 420.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MS

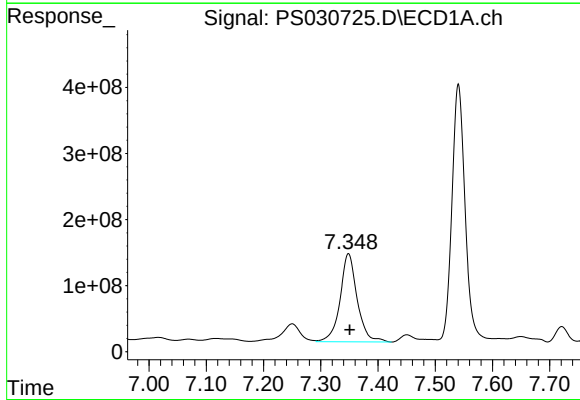
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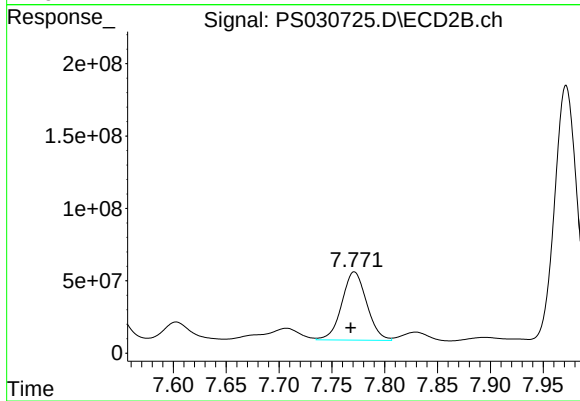
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 686443552
Conc: 424.34 ng/ml



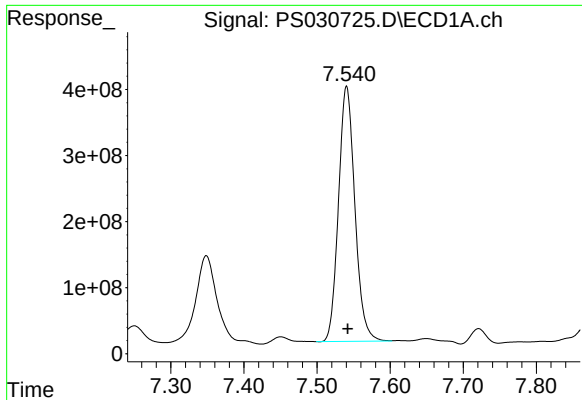
#4 2,4-DCAA

R.T.: 7.349 min
Delta R.T.: -0.002 min
Response: 2767868258
Conc: 735.98 ng/ml



#4 2,4-DCAA

R.T.: 7.771 min
Delta R.T.: 0.003 min
Response: 772490275
Conc: 715.47 ng/ml



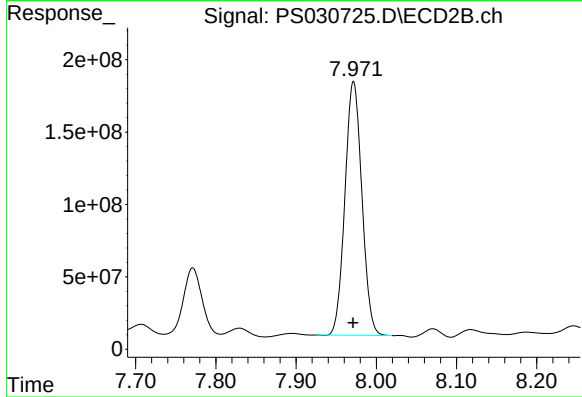
#5 DICAMBA

R.T.: 7.540 min
Delta R.T.: -0.002 min
Response: 6011339393
Conc: 384.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MS

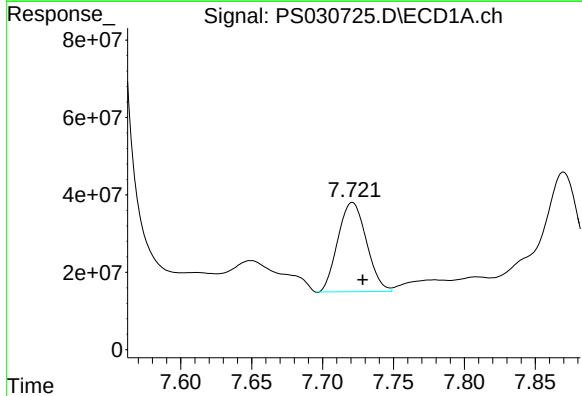
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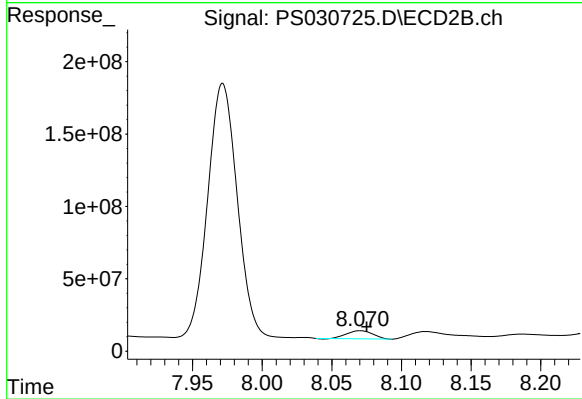
#5 DICAMBA

R.T.: 7.972 min
Delta R.T.: 0.000 min
Response: 2573902754
Conc: 388.19 ng/ml



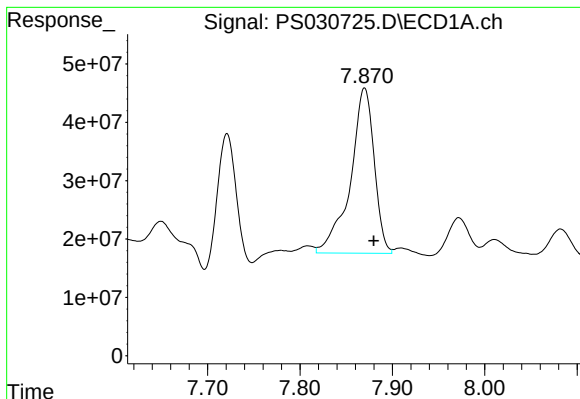
#6 MCPP

R.T.: 7.721 min
Delta R.T.: -0.007 min
Response: 323190114
Conc: 33.98 ug/ml



#6 MCPP

R.T.: 8.070 min
Delta R.T.: -0.005 min
Response: 73259921
Conc: 33.28 ug/ml



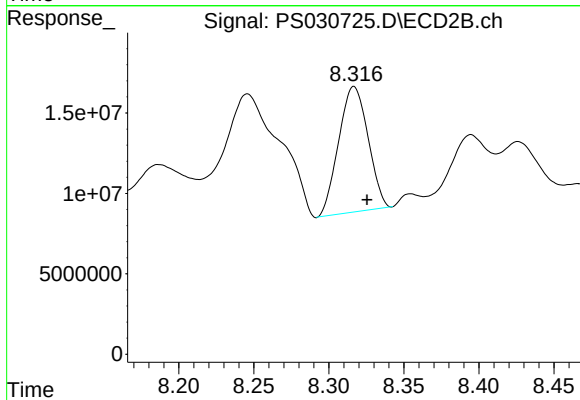
#7 MCPA

R.T.: 7.870 min
Delta R.T.: -0.010 min
Response: 507853343
Conc: 42.62 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MS

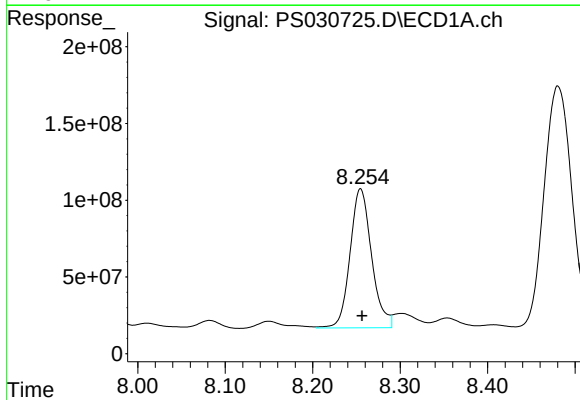
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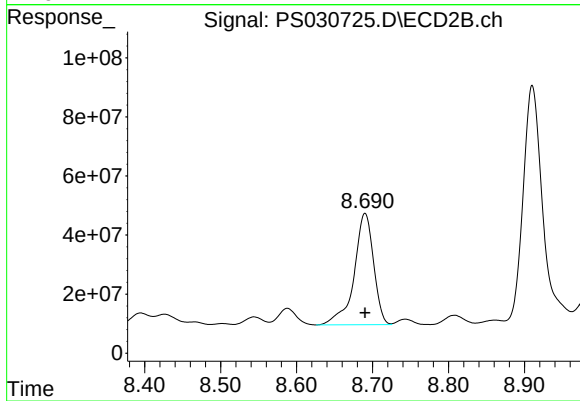
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.009 min
Response: 106256227
Conc: 33.14 ug/ml



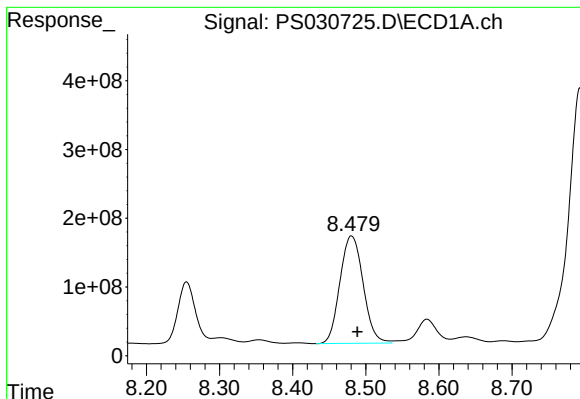
#8 DICHLORPROP

R.T.: 8.255 min
Delta R.T.: -0.002 min
Response: 1551957486
Conc: 422.27 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 672945120
Conc: 439.15 ng/ml



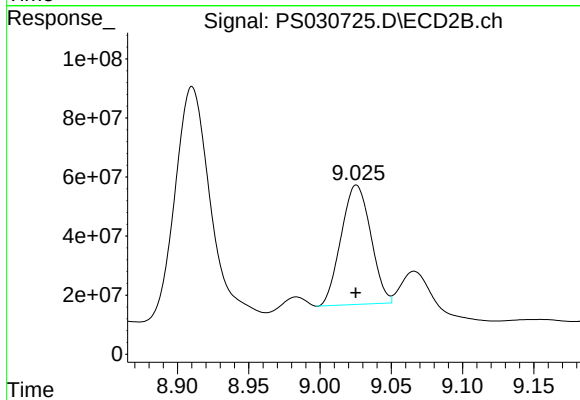
#9 2,4-D

R.T.: 8.480 min
Delta R.T.: -0.008 min
Response: 3448214794
Conc: 1014.07 ng/m

Instrument :
ECD_S
ClientSampleId :
TP-1MS

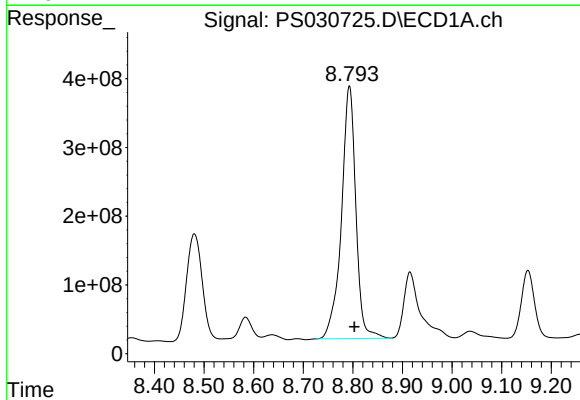
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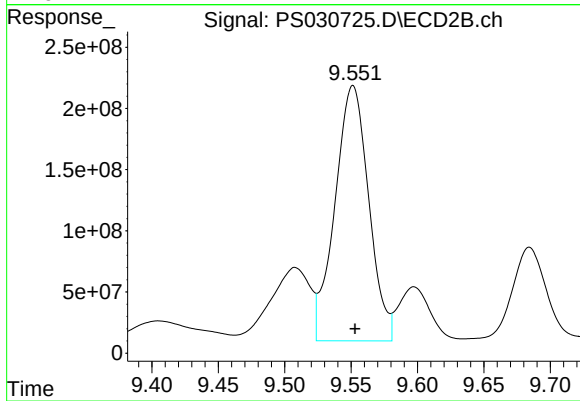
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 585606775
Conc: 349.31 ng/ml



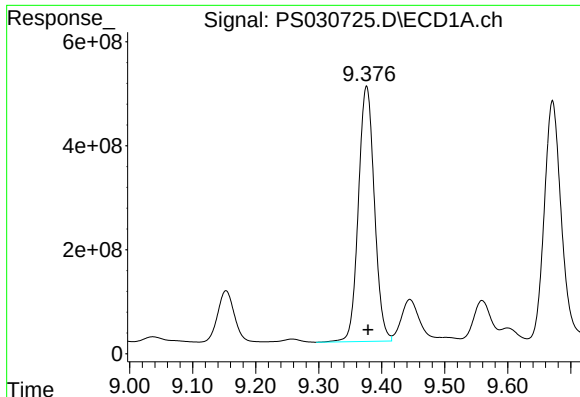
#10 Pentachlorophenol

R.T.: 8.793 min
Delta R.T.: -0.010 min
Response: 7439915042
Conc: 143.93 ng/ml m



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 3695852844
Conc: 97.42 ng/ml



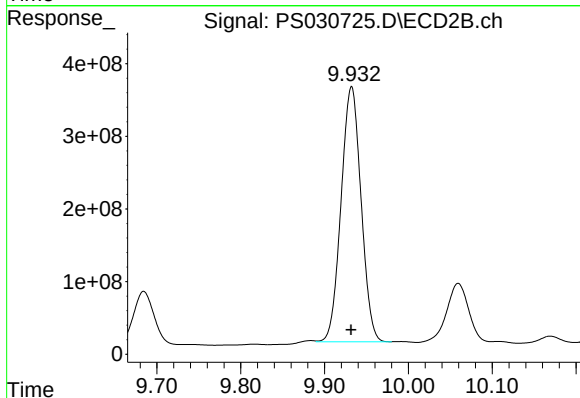
#11 2,4,5-TP (SILVEX)

R.T.: 9.376 min
Delta R.T.: -0.002 min
Response: 8641618974
Conc: 431.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MS

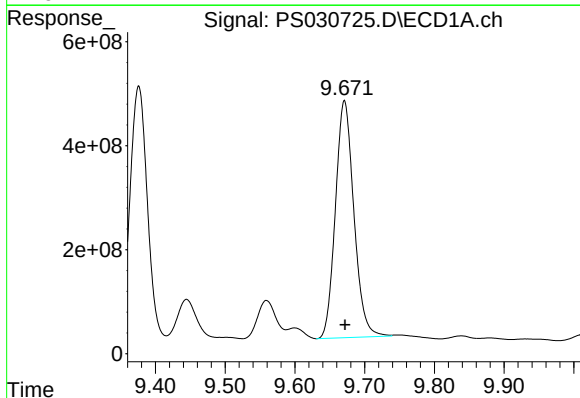
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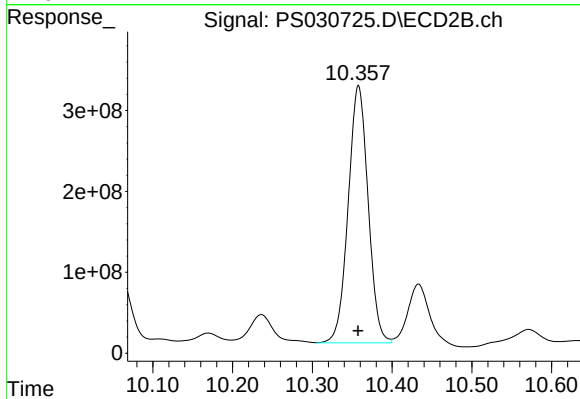
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 5820722148
Conc: 405.50 ng/ml m



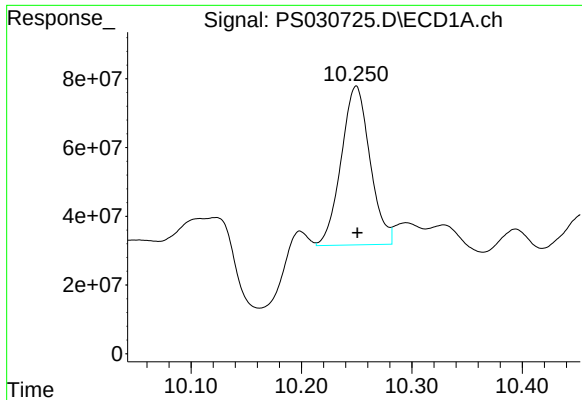
#12 2,4,5-T

R.T.: 9.671 min
Delta R.T.: -0.001 min
Response: 8396809390
Conc: 504.98 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: 0.000 min
Response: 5530462660
Conc: 401.09 ng/ml m



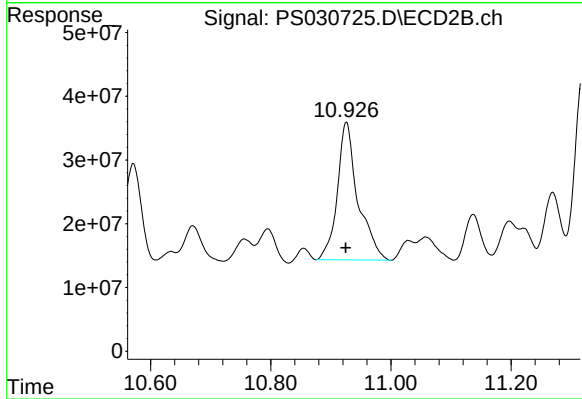
#13 2,4-DB

R.T.: 10.249 min
Delta R.T.: -0.001 min
Response: 839800801
Conc: 339.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MS

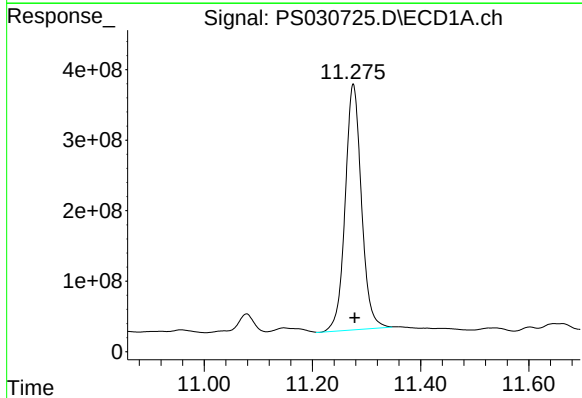
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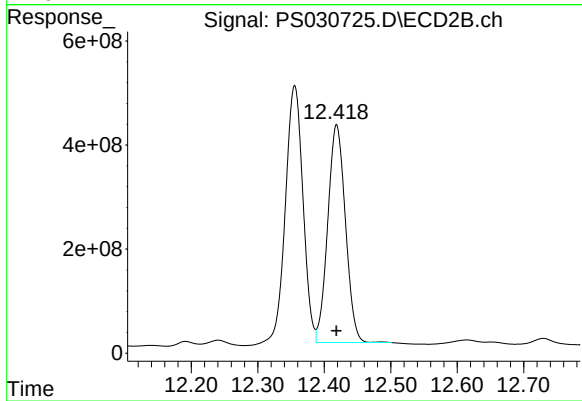
#13 2,4-DB

R.T.: 10.926 min
Delta R.T.: 0.001 min
Response: 514642928
Conc: 433.73 ng/ml



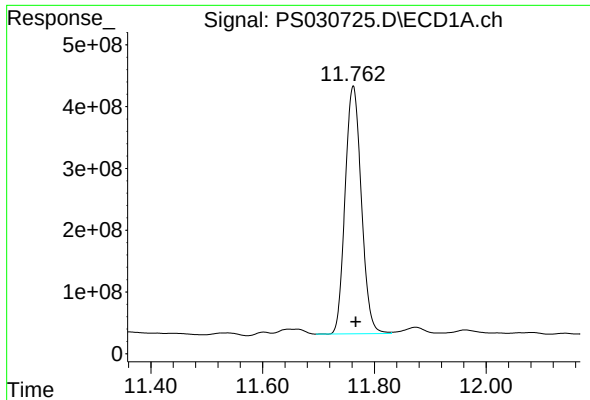
#15 Picloram

R.T.: 11.275 min
Delta R.T.: -0.003 min
Response: 7270261832
Conc: 435.44 ng/ml m



#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 7742253782
Conc: 322.92 ng/ml



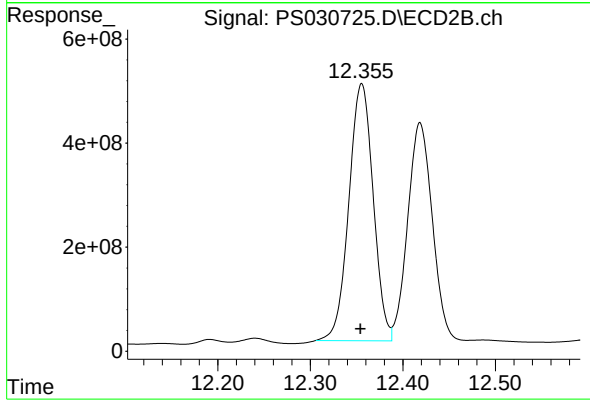
#16 DCPA

R.T.: 11.762 min
Delta R.T.: -0.005 min
Response: 8082045487
Conc: 311.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MS

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#16 DCPA

R.T.: 12.355 min
Delta R.T.: 0.001 min
Response: 9040085526
Conc: 420.95 ng/ml m