

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS011224\
 Data File : PS025523.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jan 2024 23:15
 Operator : AR\AJ
 Sample : P1104-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-2MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/15/2024
 Supervised By : Ankita Jodhani 01/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 13 20:21:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS011124.M
 Quant Title : 8080.M
 QLast Update : Thu Jan 11 16:45:24 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 Signal #1 Info : 30M x 0.32mm x 0.5 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	6.350	6.760	684.3E6	379.9E6	459.400	494.806
Target Compounds							
1) T	Dalapon	2.469	2.524	573.3E6	296.9E6	247.738	252.731
2) T	3,5-DICHL...	5.726	5.953	706.5E6	347.1E6	308.728	298.089
3) T	4-Nitroph...	6.190	6.379	262.1E6	142.4E6	290.074	299.190
5) T	DICAMBA	6.490	6.919	1910.1E6	968.6E6	299.327	291.040
6) T	MCPD	6.638	7.014	102.3E6	62443937	25.553	26.918
7) T	MCPA	6.760	7.218	156.5E6	107.3E6	27.656	30.974
8) T	DICHLORPROP	7.076	7.534	491.3E6	362.5E6	298.121	419.377 #
9) T	2,4-D	7.275	7.815	603.3E6	323.4E6	327.631	355.950
10) T	Pentachlo...	7.501	8.235	7380.0E6	3666.8E6	308.389	298.114
11) T	2,4,5-TP ...	8.022	8.594	2677.1E6	1301.6E6	288.051	275.725m
12) T	2,4,5-T	8.279	8.964	2678.5E6	1266.5E6	274.329	289.774
13) T	2,4-DB	8.792	9.468	451.2E6	165.0E6	419.211	316.122m
14) T	DINOSEB	9.832	9.794	392.0E6	198.0E6	57.170	62.981
15) T	Picloram	9.668	10.748	2933.9E6	1402.2E6	283.574	263.728
16) T	DCPA	10.098	10.715	3564.8E6	1300.9E6	293.909	223.735

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

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Acq On : 12 Jan 2024 23:15
Operator : AR\AJ
Sample : P1104-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

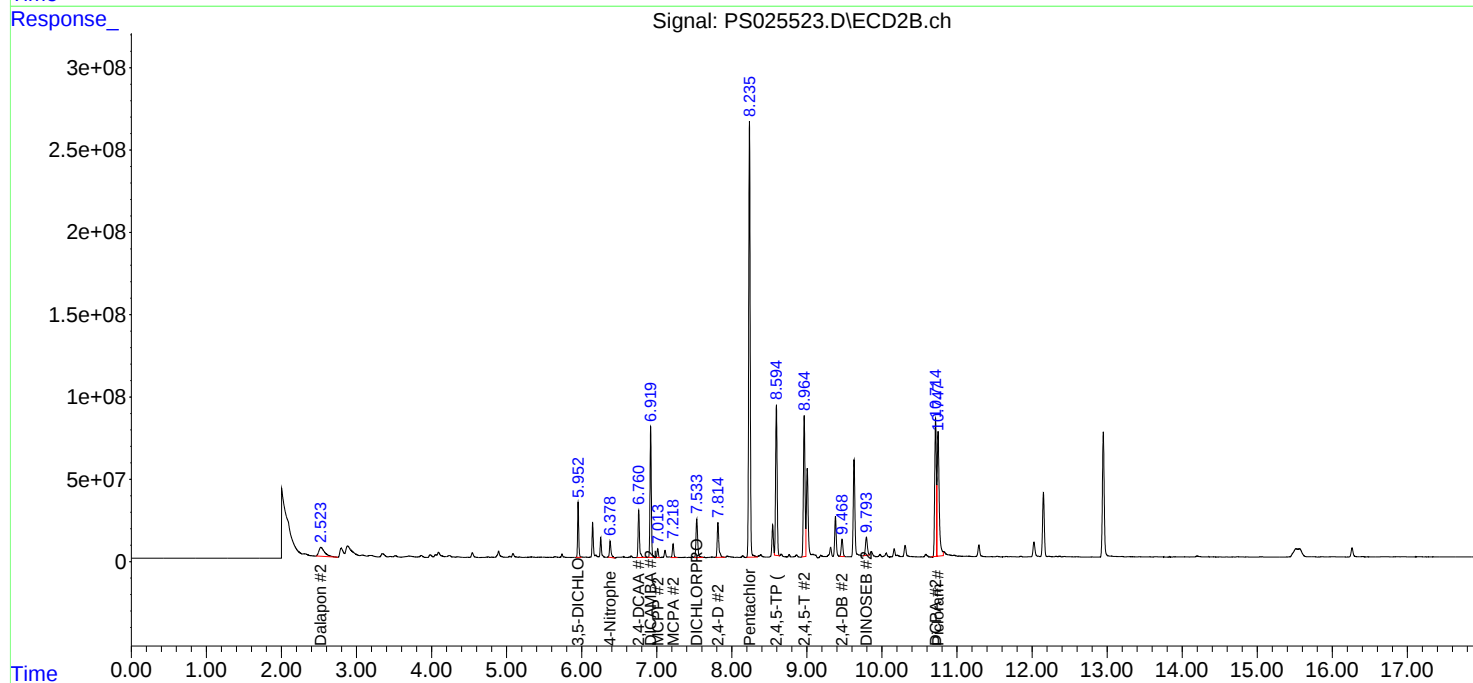
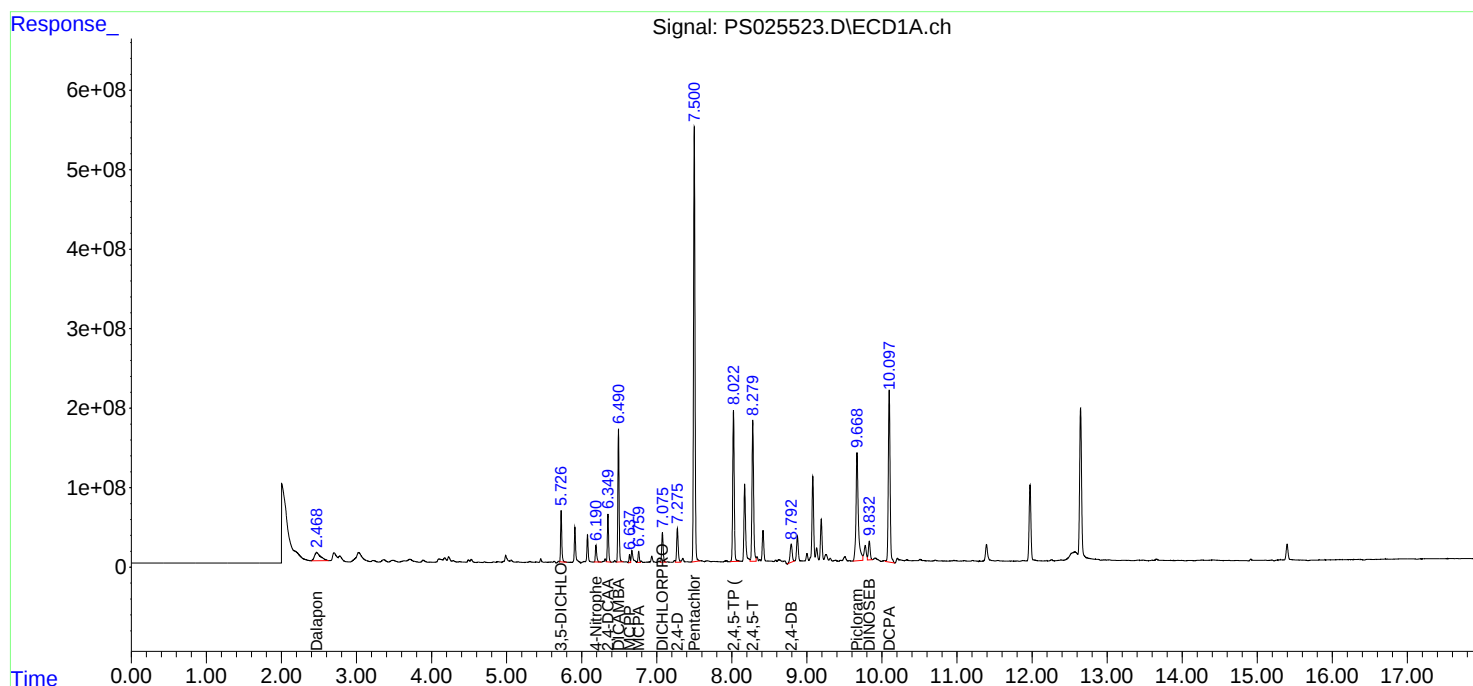
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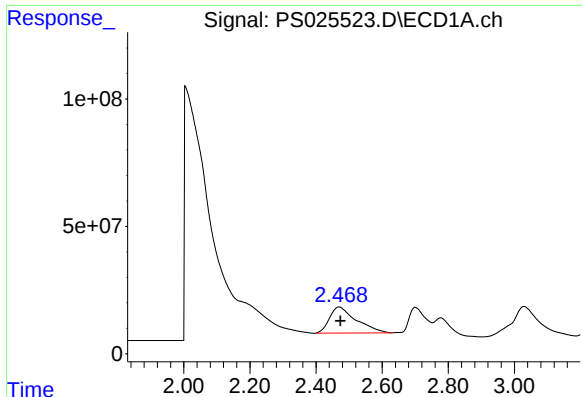
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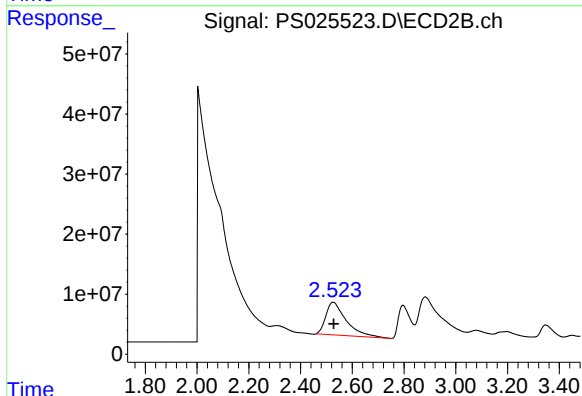
#1 Dalapon

R.T.: 2.469 min
Delta R.T.: -0.005 min
Response: 573290779
Conc: 247.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

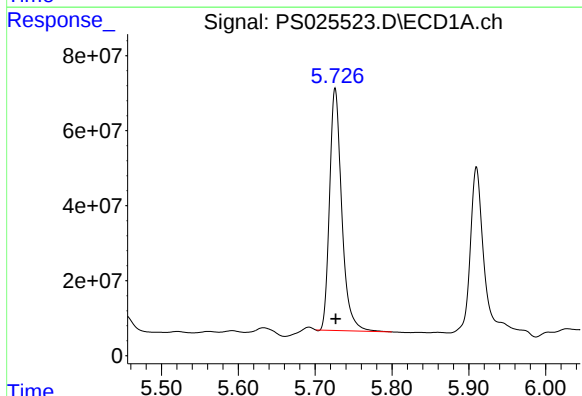
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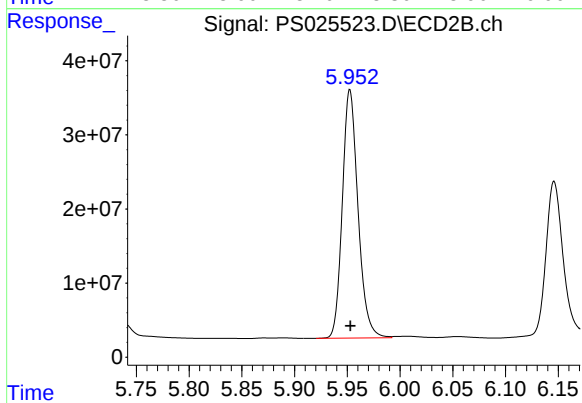
#1 Dalapon

R.T.: 2.524 min
Delta R.T.: -0.004 min
Response: 296914260
Conc: 252.73 ng/ml



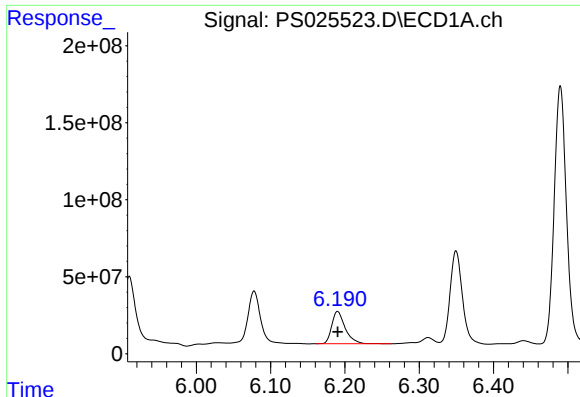
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 706499031
Conc: 308.73 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 347051721
Conc: 298.09 ng/ml



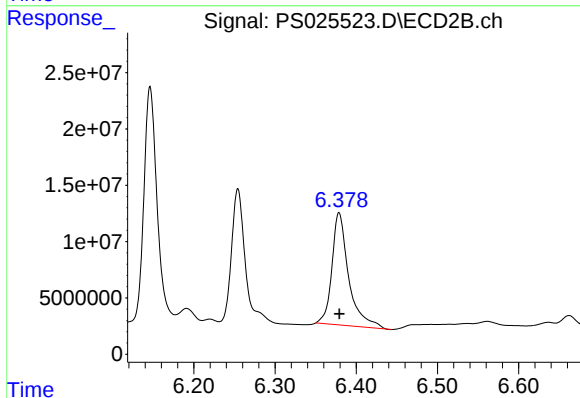
#3 4-Nitrophenol

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 262126723
Conc: 290.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

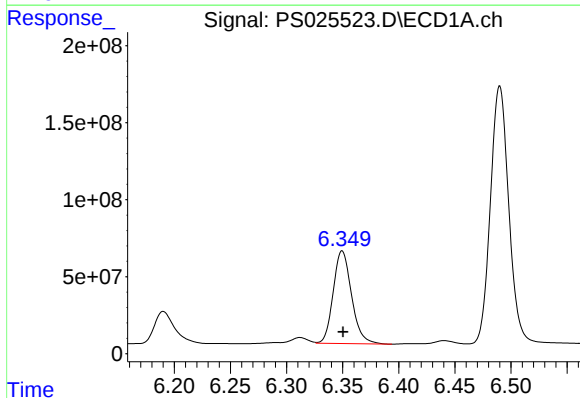
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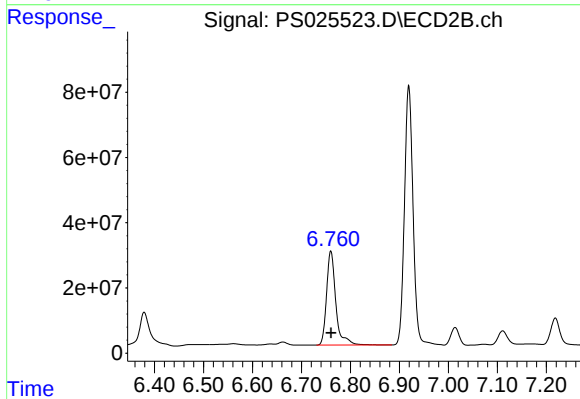
#3 4-Nitrophenol

R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 142442164
Conc: 299.19 ng/ml



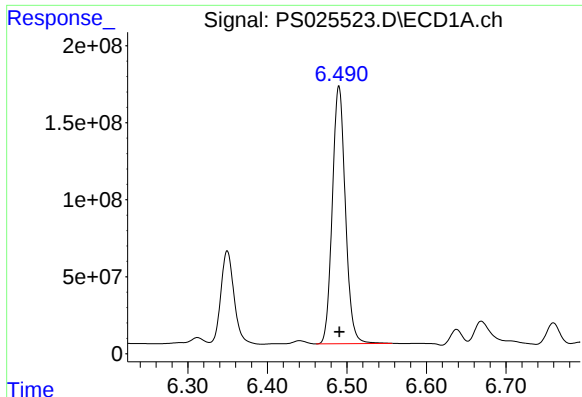
#4 2,4-DCAA

R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 684259530
Conc: 459.40 ng/ml



#4 2,4-DCAA

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 379912430
Conc: 494.81 ng/ml



#5 DICAMBA

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 1910092525
Conc: 299.33 ng/ml

Instrument :

ECD_S

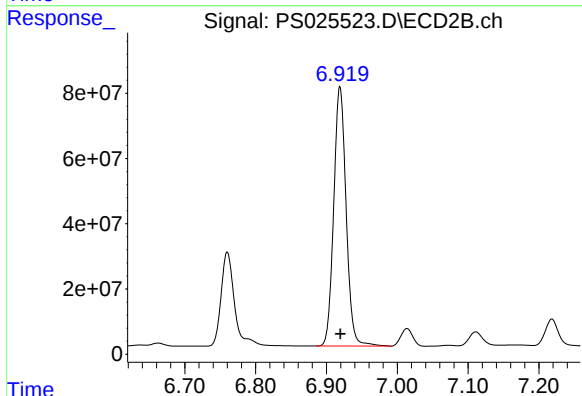
ClientSampleId :

TP-2MS

Manual Integrations

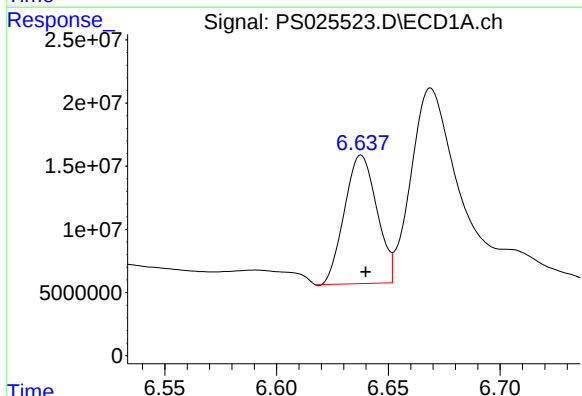
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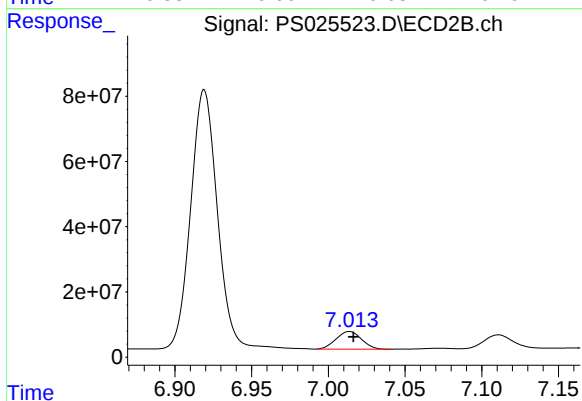
#5 DICAMBA

R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 968556727
Conc: 291.04 ng/ml



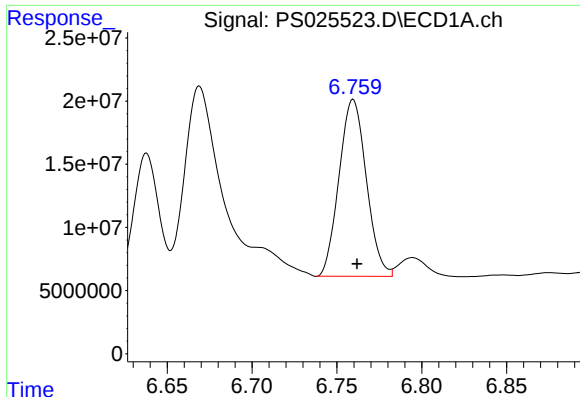
#6 MCP

R.T.: 6.638 min
Delta R.T.: -0.002 min
Response: 102316289
Conc: 25.55 ug/ml



#6 MCP

R.T.: 7.014 min
Delta R.T.: -0.003 min
Response: 62443937
Conc: 26.92 ug/ml



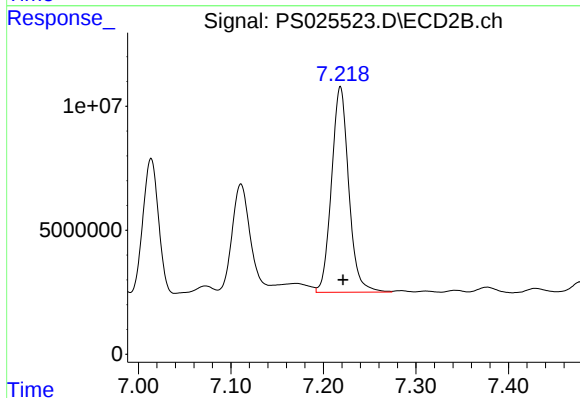
#7 MCPA

R.T.: 6.760 min
Delta R.T.: -0.002 min
Response: 156509931
Conc: 27.66 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

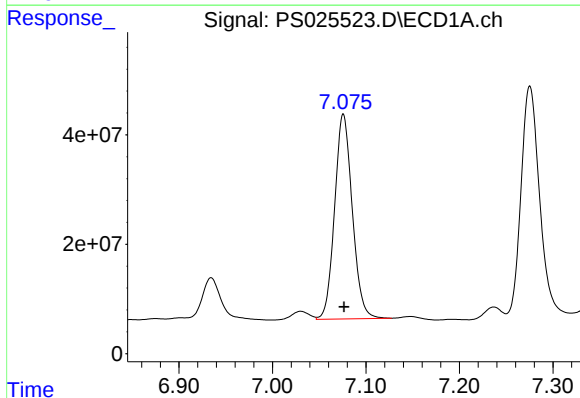
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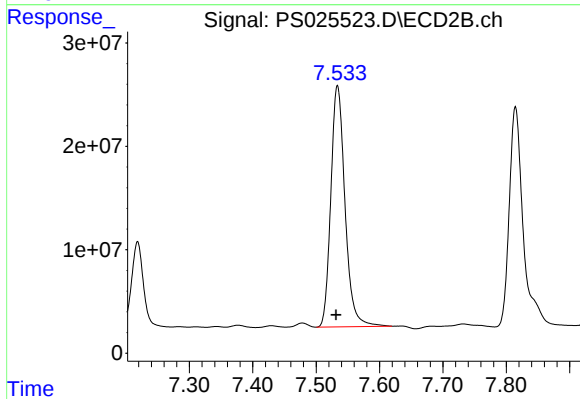
#7 MCPA

R.T.: 7.218 min
Delta R.T.: -0.003 min
Response: 107315551
Conc: 30.97 ug/ml



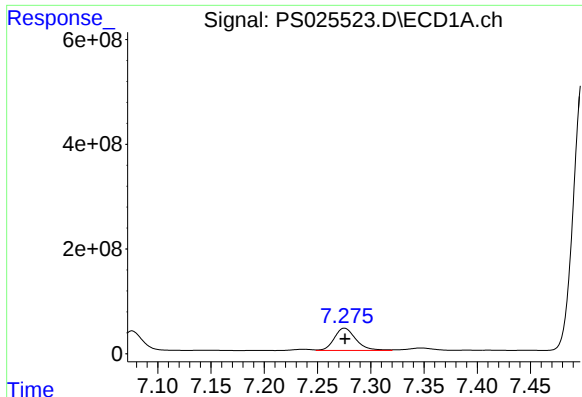
#8 DICHLORPROP

R.T.: 7.076 min
Delta R.T.: 0.000 min
Response: 491282227
Conc: 298.12 ng/ml



#8 DICHLORPROP

R.T.: 7.534 min
Delta R.T.: 0.002 min
Response: 362531356
Conc: 419.38 ng/ml



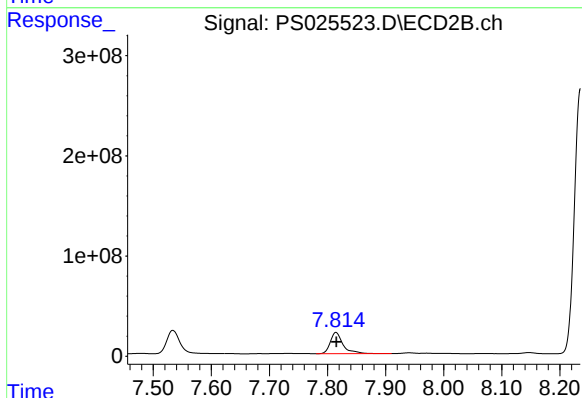
#9 2,4-D

R.T.: 7.275 min
Delta R.T.: 0.000 min
Response: 603284361
Conc: 327.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

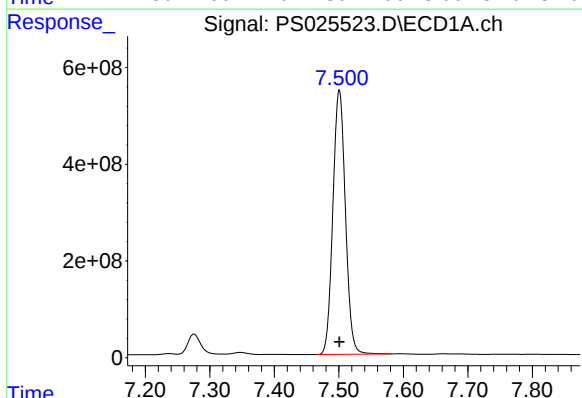
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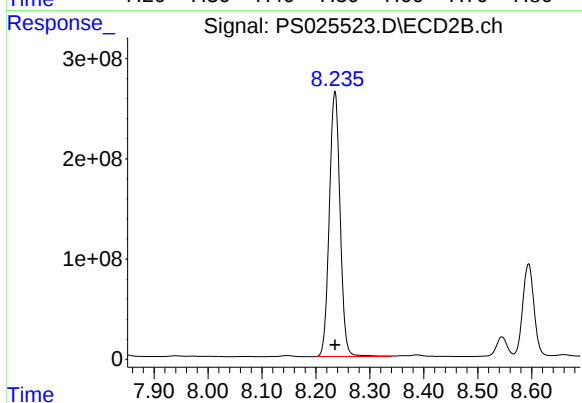
#9 2,4-D

R.T.: 7.815 min
Delta R.T.: 0.000 min
Response: 323361778
Conc: 355.95 ng/ml



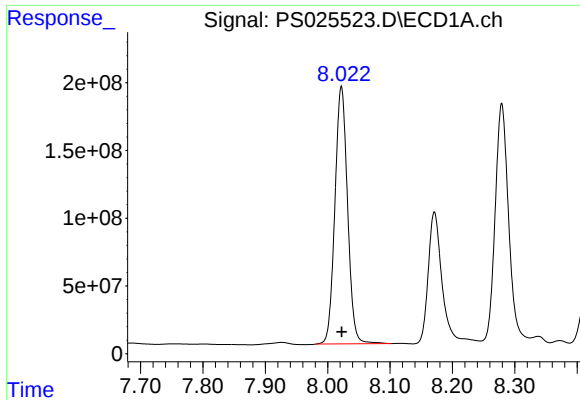
#10 Pentachlorophenol

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 7379974902
Conc: 308.39 ng/ml



#10 Pentachlorophenol

R.T.: 8.235 min
Delta R.T.: 0.000 min
Response: 3666783657
Conc: 298.11 ng/ml



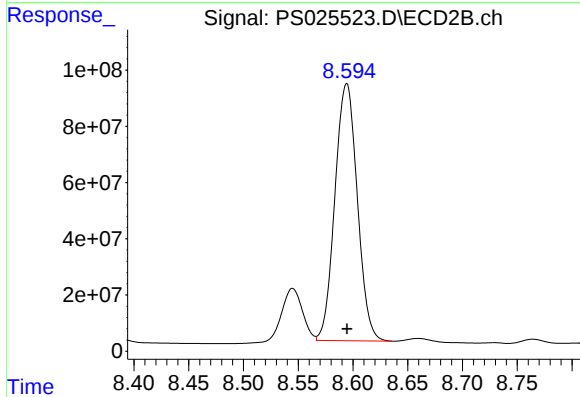
#11 2,4,5-TP (SILVEX)

R.T.: 8.022 min
Delta R.T.: 0.000 min
Response: 2677107059
Conc: 288.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

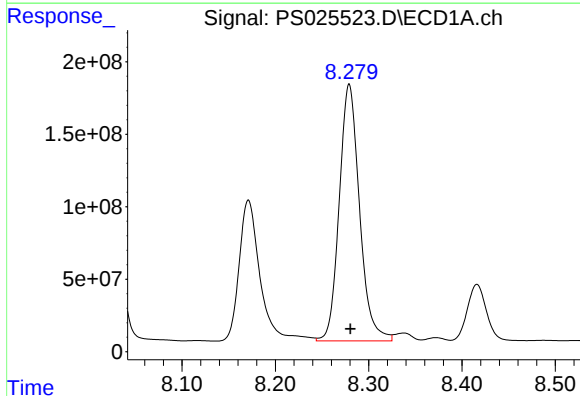
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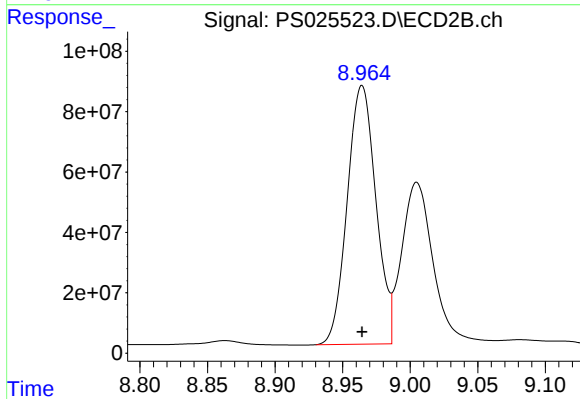
#11 2,4,5-TP (SILVEX)

R.T.: 8.594 min
Delta R.T.: 0.000 min
Response: 1301620017
Conc: 275.72 ng/ml m



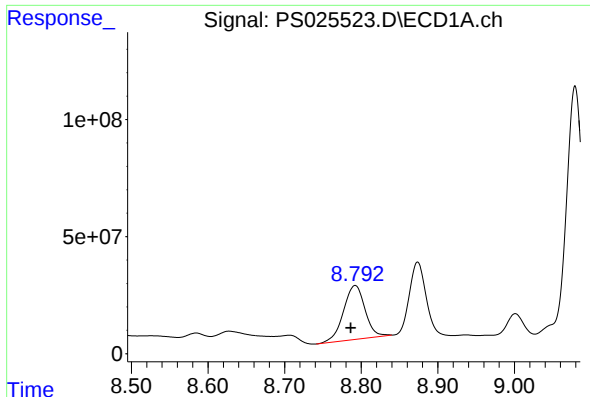
#12 2,4,5-T

R.T.: 8.279 min
Delta R.T.: -0.001 min
Response: 2678451924
Conc: 274.33 ng/ml



#12 2,4,5-T

R.T.: 8.964 min
Delta R.T.: 0.000 min
Response: 1266516481
Conc: 289.77 ng/ml



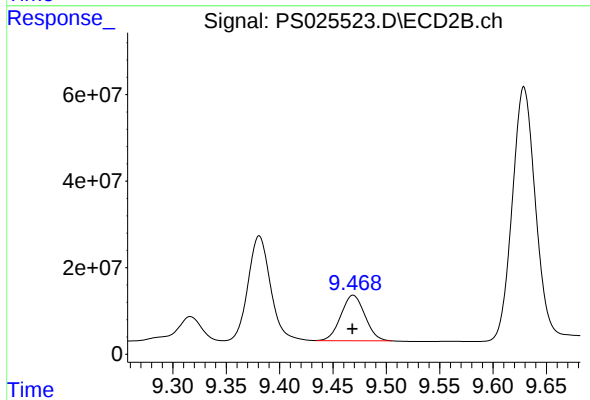
#13 2,4-DB

R.T.: 8.792 min
Delta R.T.: 0.006 min
Response: 451249824
Conc: 419.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

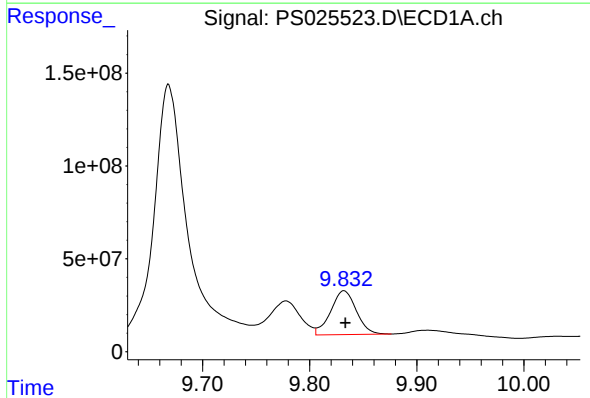
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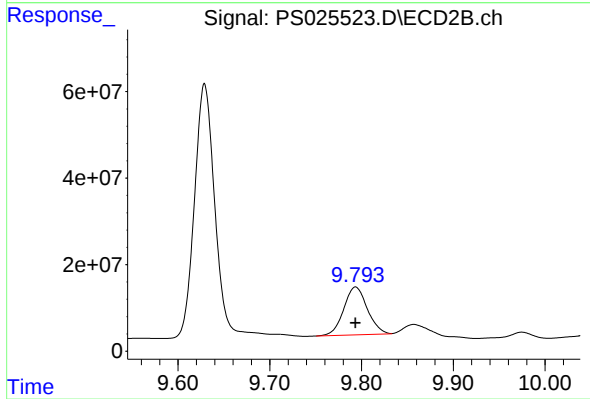
#13 2,4-DB

R.T.: 9.468 min
Delta R.T.: 0.000 min
Response: 165023793
Conc: 316.12 ng/ml m



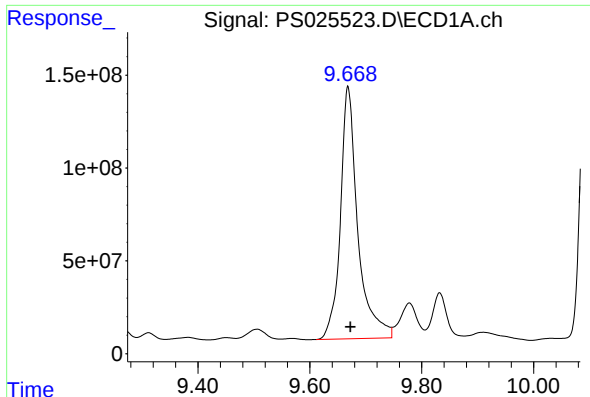
#14 DINOSEB

R.T.: 9.832 min
Delta R.T.: -0.001 min
Response: 392043534
Conc: 57.17 ng/ml



#14 DINOSEB

R.T.: 9.794 min
Delta R.T.: 0.000 min
Response: 197999193
Conc: 62.98 ng/ml



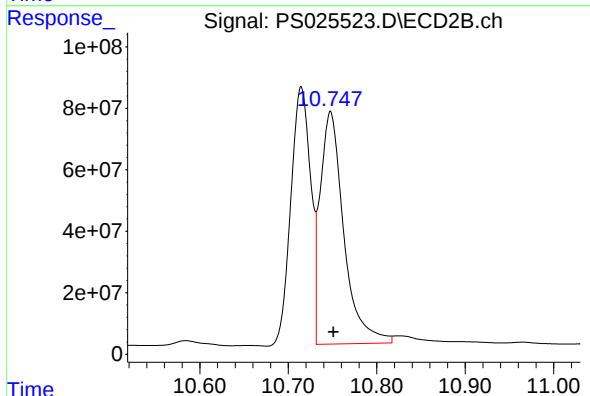
#15 Picloram

R.T.: 9.668 min
Delta R.T.: -0.004 min
Response: 2933881940
Conc: 283.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

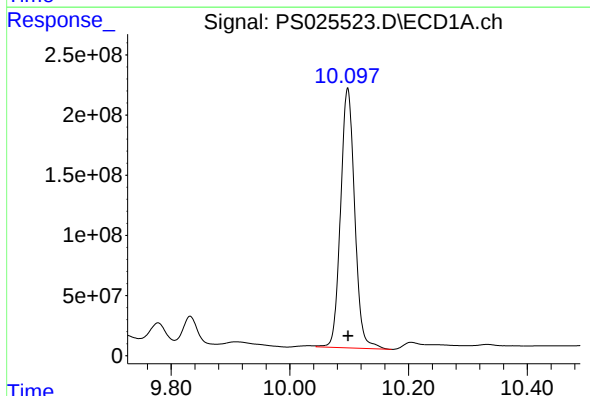
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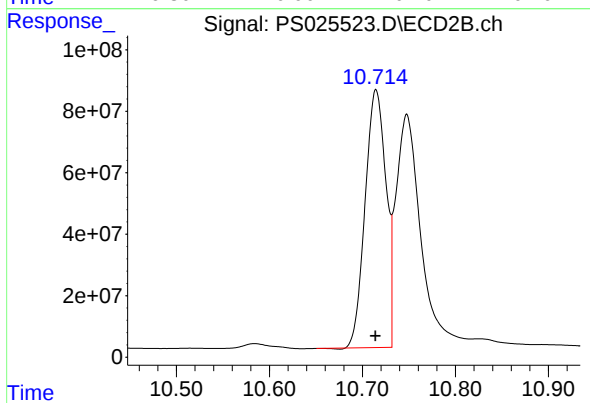
#15 Picloram

R.T.: 10.748 min
Delta R.T.: -0.003 min
Response: 1402206611
Conc: 263.73 ng/ml



#16 DCPA

R.T.: 10.098 min
Delta R.T.: 0.000 min
Response: 3564822547
Conc: 293.91 ng/ml



#16 DCPA

R.T.: 10.715 min
Delta R.T.: 0.000 min
Response: 1300889868
Conc: 223.73 ng/ml