

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062425\
 Data File : PS030810.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2025 10:16
 Operator : AR\AJ
 Sample : PSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/25/2025
 Supervised By :mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 01:52:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.343	7.767	2581.9E6	743.5E6	702.684	693.576
Target Compounds							
1) T	Dalapon	2.705	2.709	3823.1E6	1713.0E6	640.854	624.776
2) T	3,5-DICHL...	6.503	6.714	3537.1E6	1040.5E6	657.746	644.985
3) T	4-Nitroph...	7.143	7.300	1056.3E6	1103.8E6	669.939	636.735
5) T	DICAMBA	7.533	7.970	10284.9E6	4367.4E6	675.969	666.455
6) T	MCP	7.714	8.069	686.2E6	151.4E6	73.090m	72.211
7) T	MCPA	7.865	8.318	801.0E6	213.0E6	68.287	67.709
8) T	DICHLORPROP	8.247	8.689	2382.1E6	1005.9E6	635.953	639.691
9) T	2,4-D	8.479	9.024	2317.1E6	1126.0E6	672.713	662.570m
10) T	Pentachlo...	8.786	9.550	37074.4E6	26198.3E6	700.503	687.222
11) T	2,4,5-TP ...	9.366	9.930	13989.8E6	9700.8E6	698.429	672.329
12) T	2,4,5-T	9.661	10.356	12127.4E6	9325.8E6	737.084	682.478
13) T	2,4-DB	10.237	10.924	1644.2E6	786.9E6	716.900m	665.225
14) T	DINOSEB	11.456	11.308	9769.4E6	7191.1E6	704.191m	667.001
15) T	Picloram	11.264	12.418	12389.2E6	16218.3E6	770.662m	697.817
16) T	DCPA	11.753	12.353	18552.9E6	14802.1E6	724.263	671.517m

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

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Sample : PSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PSTDCCC750

Manual Integrations

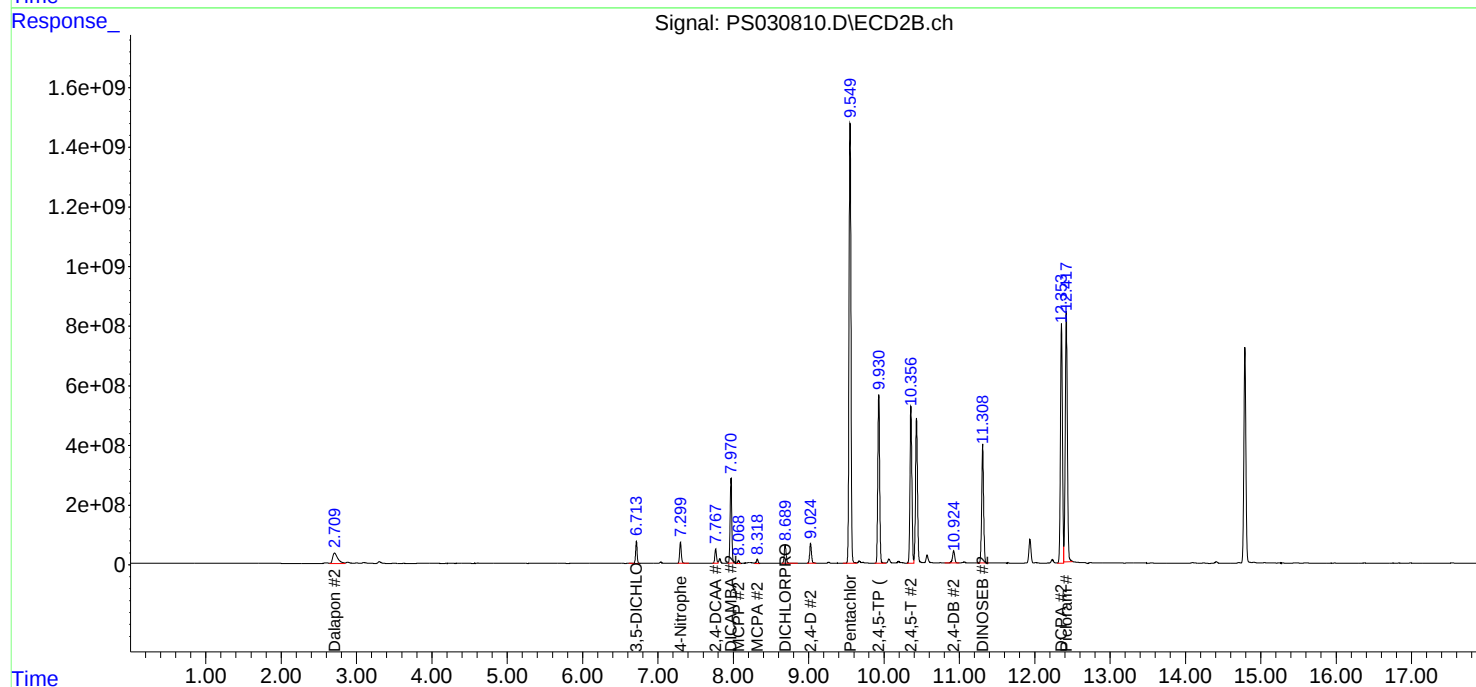
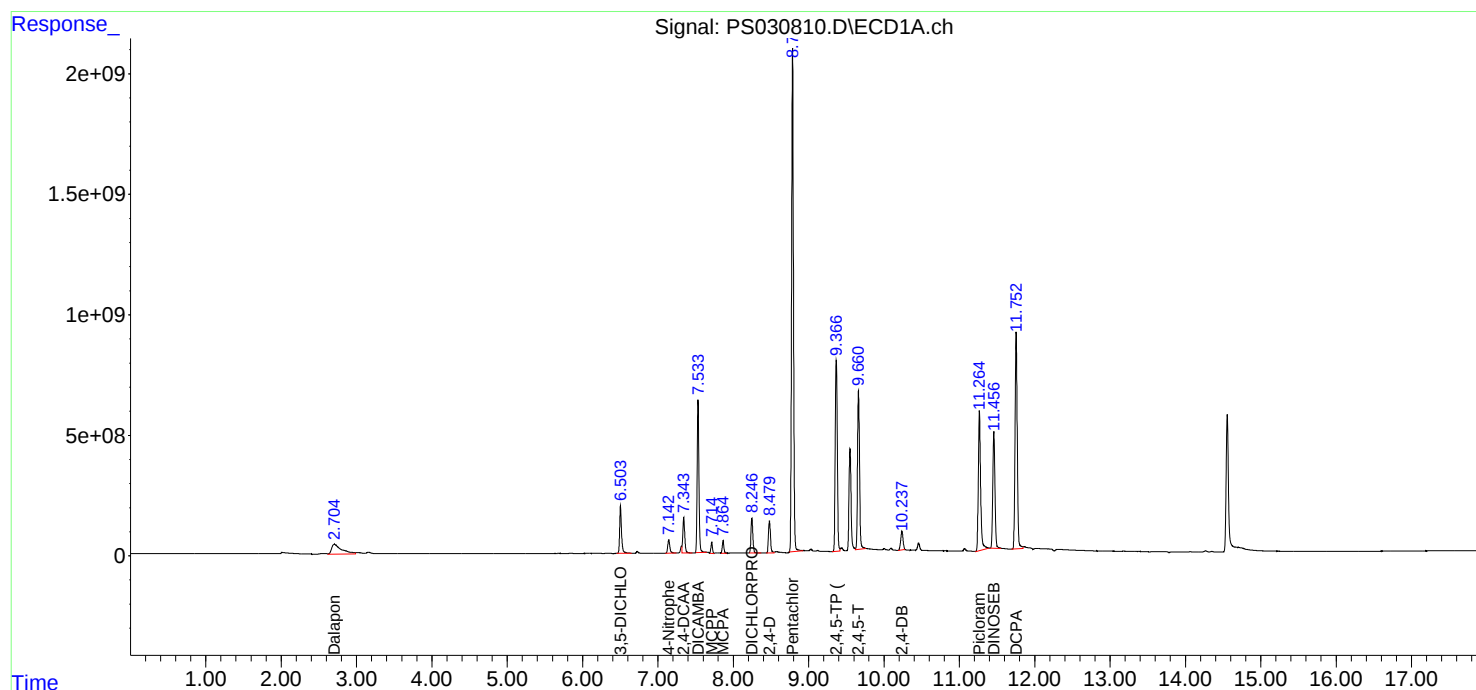
APPROVED

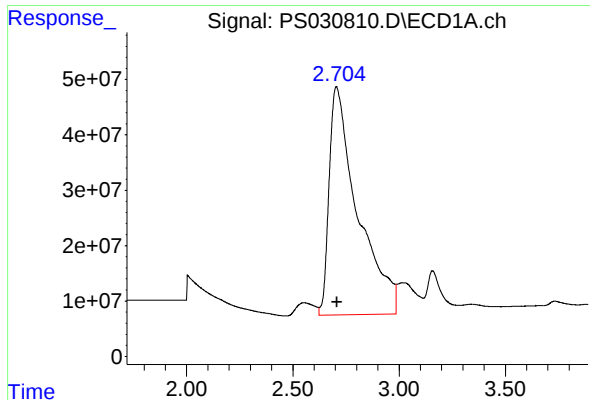
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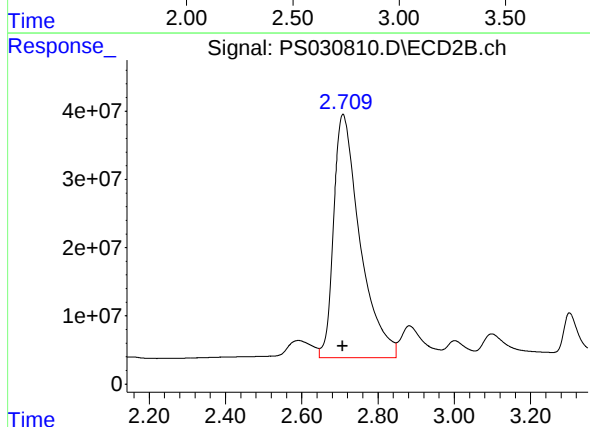
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.003 min
Response: 3823098161
Conc: 640.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

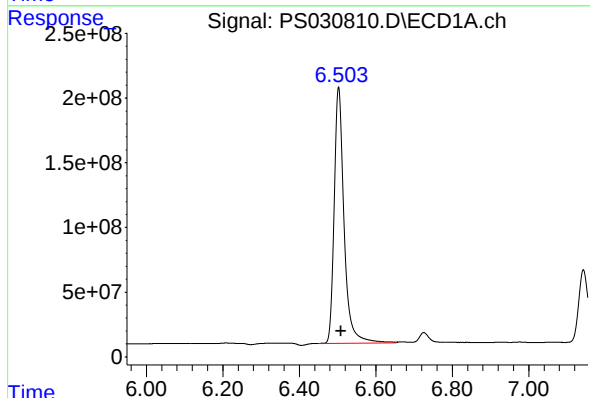
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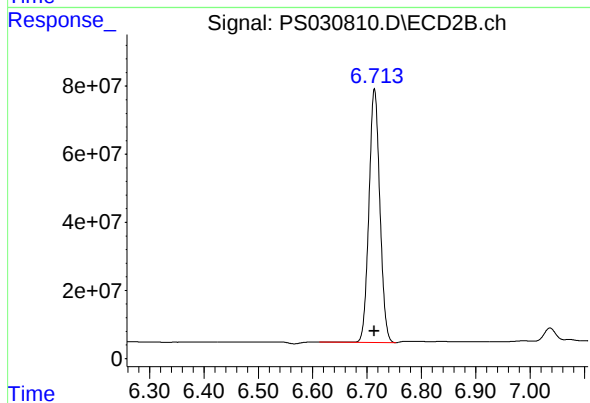
#1 Dalapon

R.T.: 2.709 min
Delta R.T.: 0.001 min
Response: 1712976092
Conc: 624.78 ng/ml



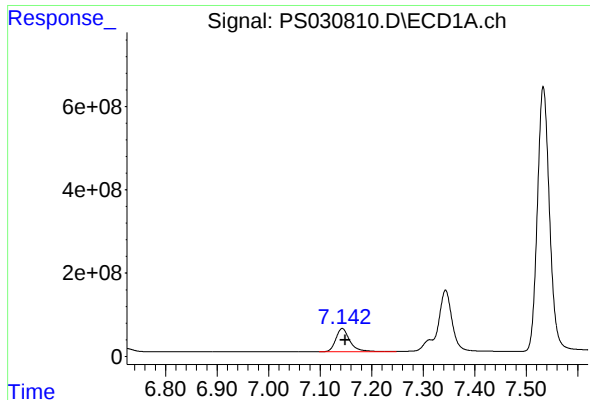
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.503 min
Delta R.T.: -0.006 min
Response: 3537061395
Conc: 657.75 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 1040457413
Conc: 644.98 ng/ml



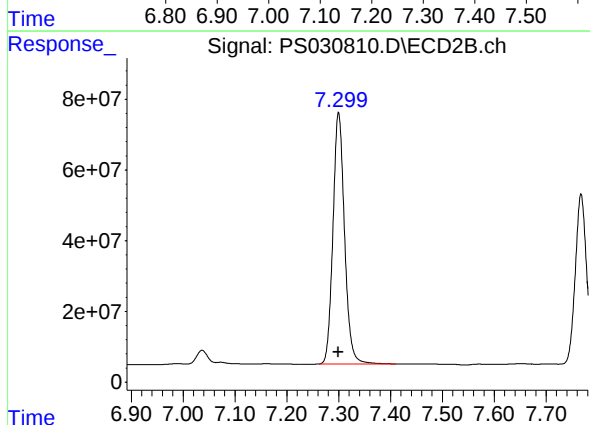
#3 4-Nitrophenol

R.T.: 7.143 min
Delta R.T.: -0.006 min
Response: 1056338103
Conc: 669.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

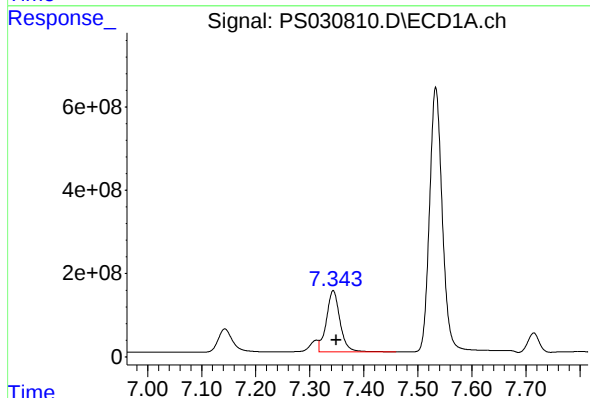
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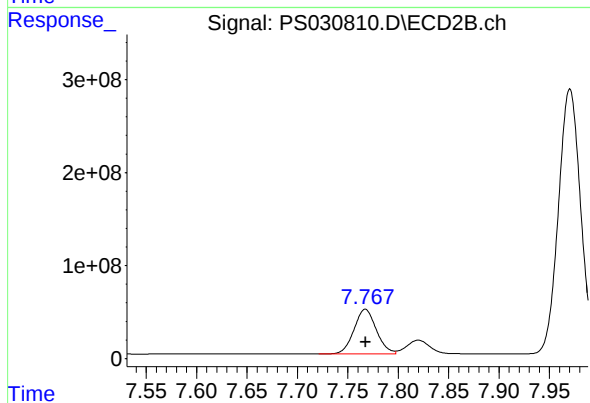
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 1103801959
Conc: 636.73 ng/ml



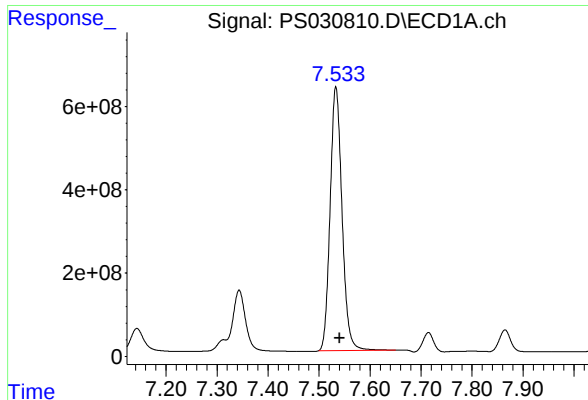
#4 2,4-DCAA

R.T.: 7.343 min
Delta R.T.: -0.006 min
Response: 2581937438
Conc: 702.68 ng/ml



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 743488858
Conc: 693.58 ng/ml



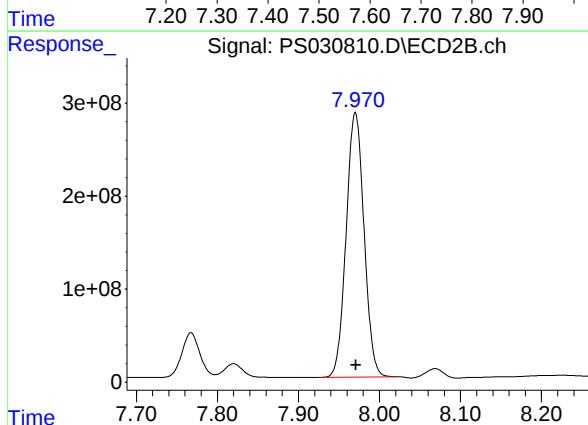
#5 DICAMBA

R.T.: 7.533 min
Delta R.T.: -0.007 min
Response: 10284925961
Conc: 675.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

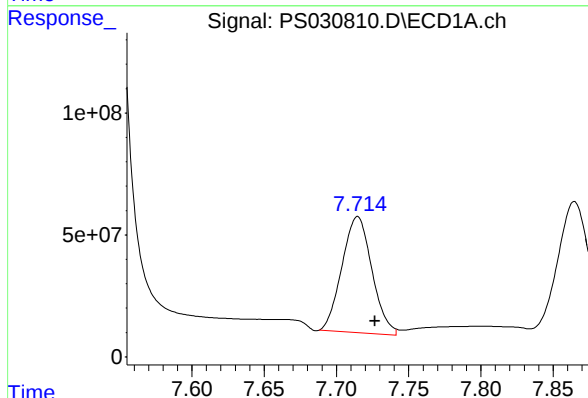
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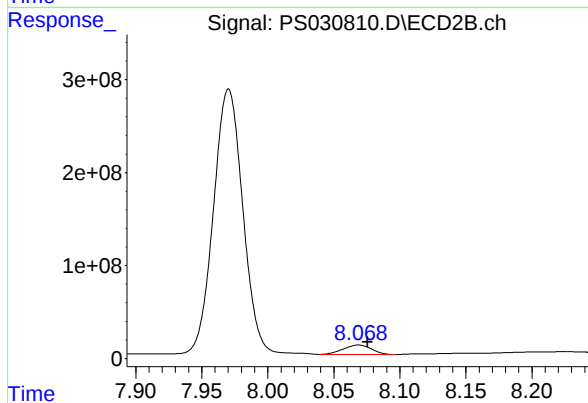
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 4367421274
Conc: 666.45 ng/ml



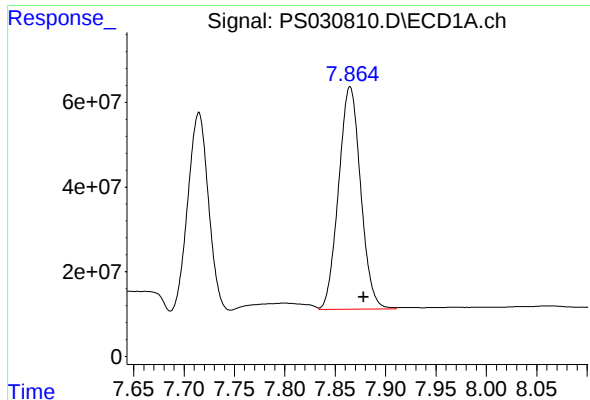
#6 MCPP

R.T.: 7.714 min
Delta R.T.: -0.012 min
Response: 686190632
Conc: 73.09 ug/ml m



#6 MCPP

R.T.: 8.069 min
Delta R.T.: -0.007 min
Response: 151449247
Conc: 72.21 ug/ml



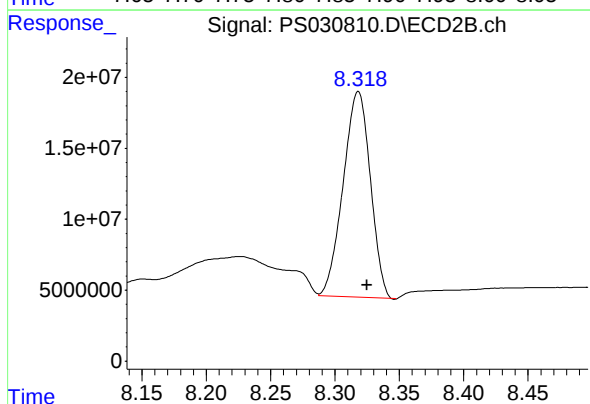
#7 MCPA

R.T.: 7.865 min
Delta R.T.: -0.013 min
Response: 801047576
Conc: 68.29 ug/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

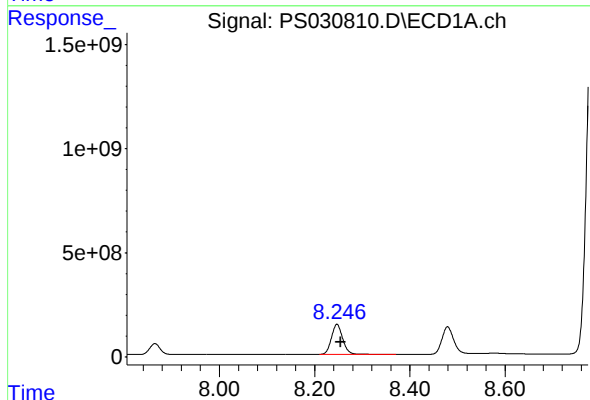
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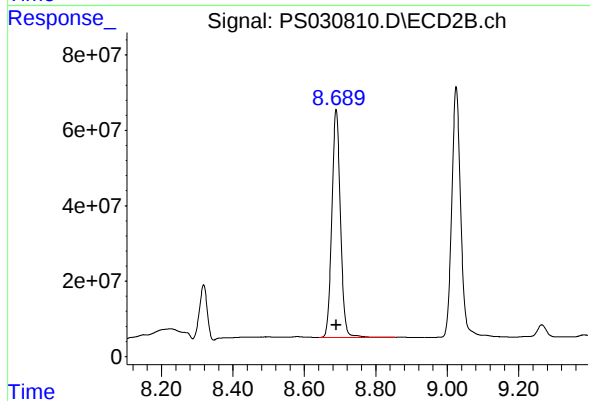
#7 MCPA

R.T.: 8.318 min
Delta R.T.: -0.007 min
Response: 212993552
Conc: 67.71 ug/ml



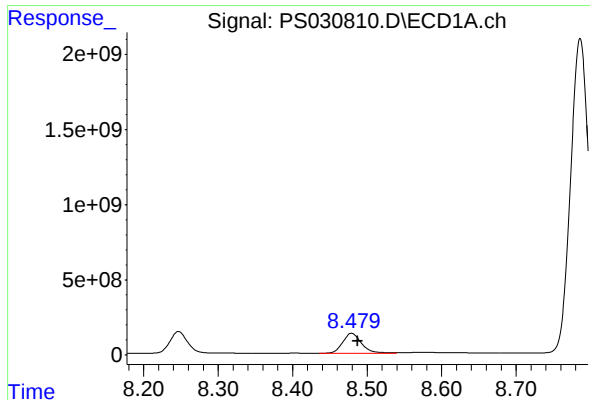
#8 DICHLORPROP

R.T.: 8.247 min
Delta R.T.: -0.008 min
Response: 2382131057
Conc: 635.95 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: 0.000 min
Response: 1005910684
Conc: 639.69 ng/ml



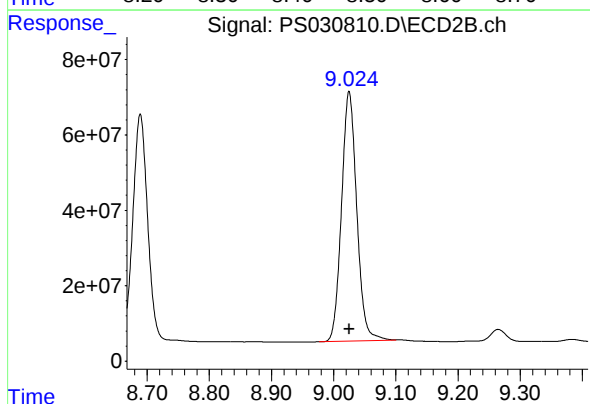
#9 2,4-D

R.T.: 8.479 min
Delta R.T.: -0.008 min
Response: 2317100534
Conc: 672.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

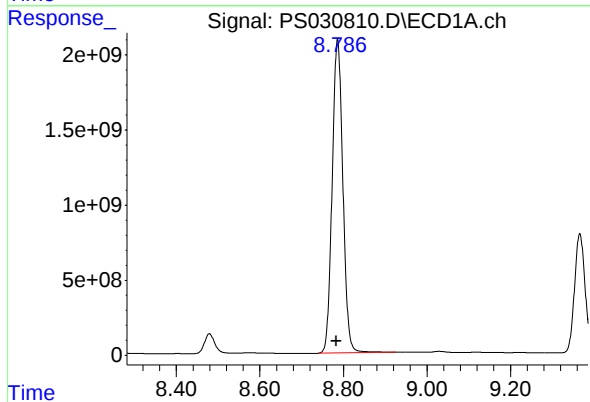
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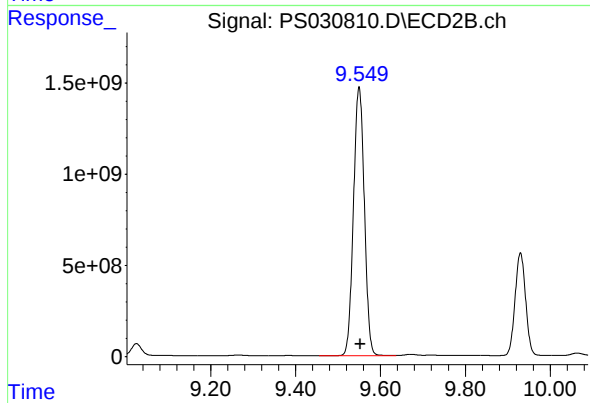
#9 2,4-D

R.T.: 9.024 min
Delta R.T.: -0.001 min
Response: 1125974041
Conc: 662.57 ng/ml m



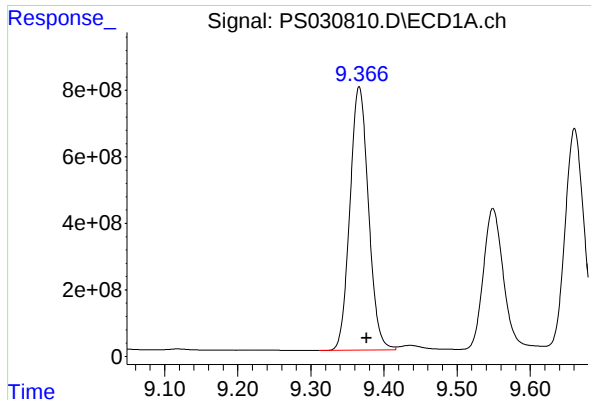
#10 Pentachlorophenol

R.T.: 8.786 min
Delta R.T.: 0.003 min
Response: 37074434217
Conc: 700.50 ng/ml



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: -0.003 min
Response: 26198332527
Conc: 687.22 ng/ml



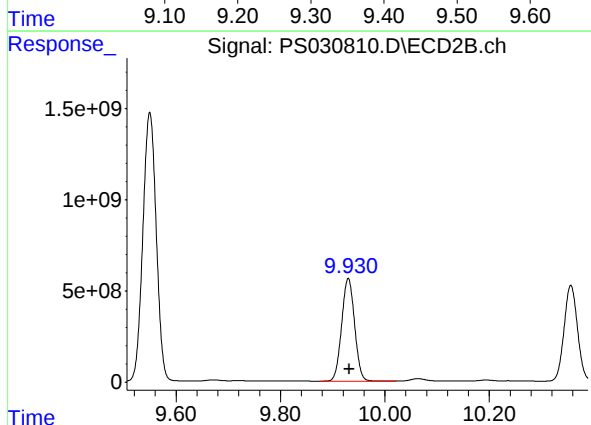
#11 2,4,5-TP (SILVEX)

R.T.: 9.366 min
Delta R.T.: -0.010 min
Response: 13989823411
Conc: 698.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

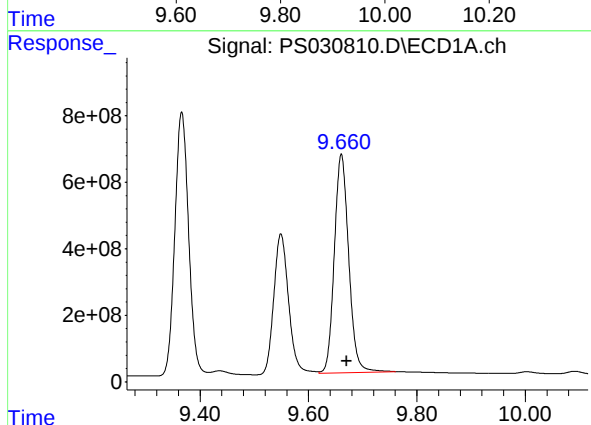
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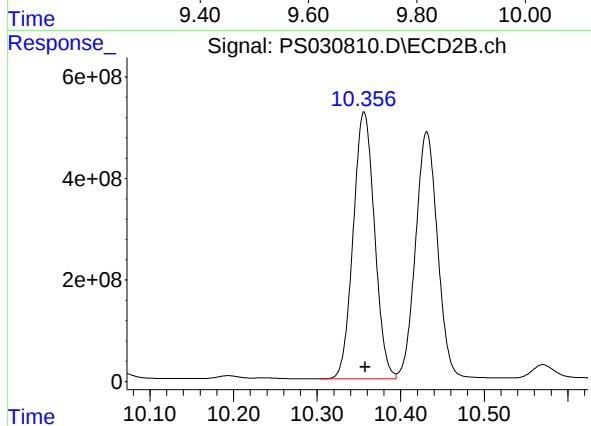
#11 2,4,5-TP (SILVEX)

R.T.: 9.930 min
Delta R.T.: -0.002 min
Response: 9700840122
Conc: 672.33 ng/ml



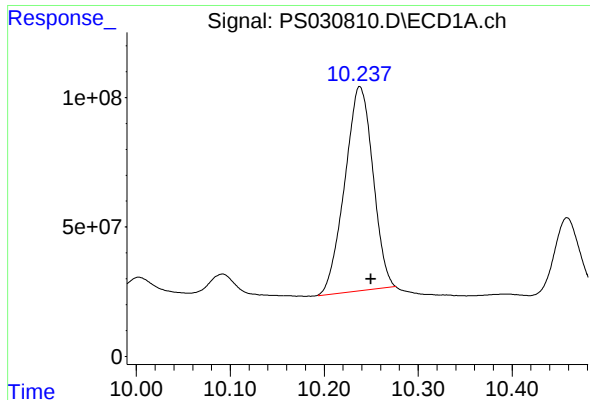
#12 2,4,5-T

R.T.: 9.661 min
Delta R.T.: -0.010 min
Response: 12127361420
Conc: 737.08 ng/ml



#12 2,4,5-T

R.T.: 10.356 min
Delta R.T.: -0.002 min
Response: 9325813438
Conc: 682.48 ng/ml



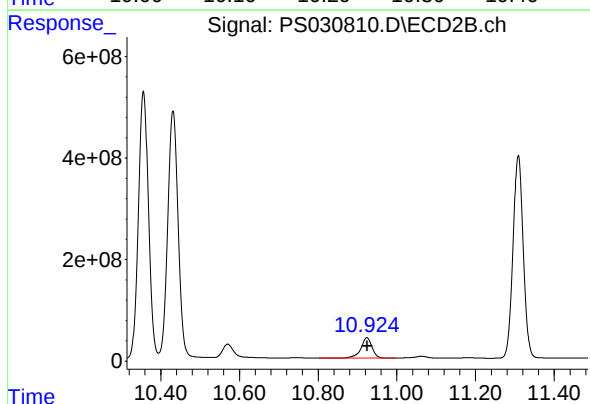
#13 2,4-DB

R.T.: 10.237 min
Delta R.T.: -0.013 min
Response: 1644211399
Conc: 716.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

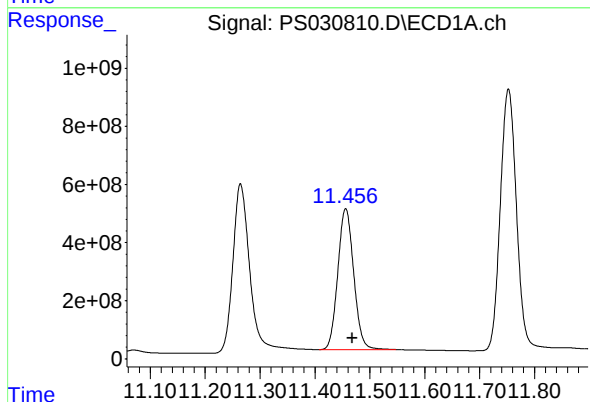
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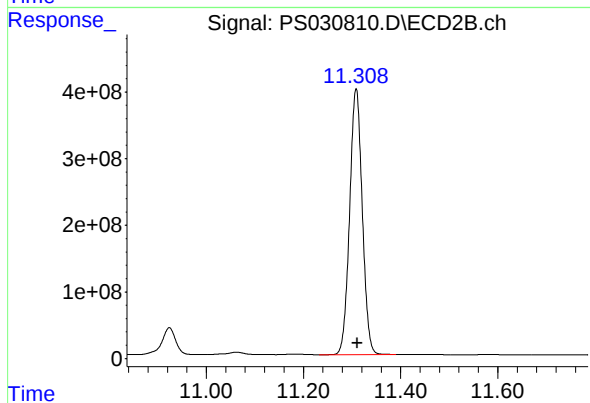
#13 2,4-DB

R.T.: 10.924 min
Delta R.T.: -0.001 min
Response: 786896942
Conc: 665.23 ng/ml



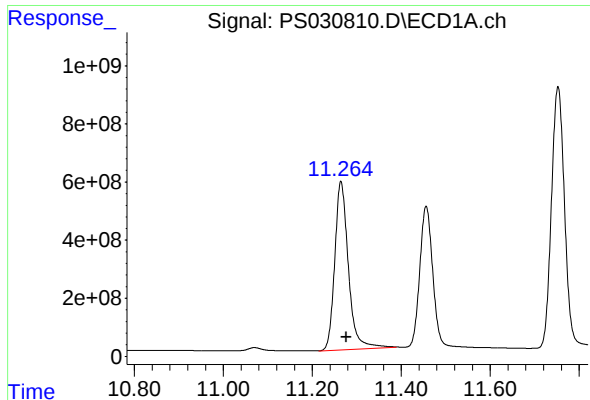
#14 DINOSEB

R.T.: 11.456 min
Delta R.T.: -0.013 min
Response: 9769376807
Conc: 704.19 ng/ml m



#14 DINOSEB

R.T.: 11.308 min
Delta R.T.: -0.003 min
Response: 7191107054
Conc: 667.00 ng/ml



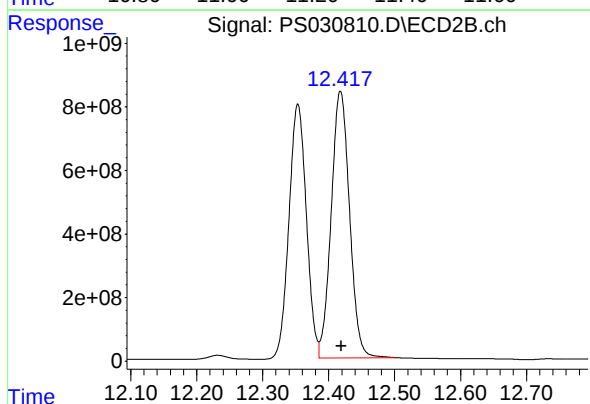
#15 Picloram

R.T.: 11.264 min
Delta R.T.: -0.013 min
Response: 12389249429
Conc: 770.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

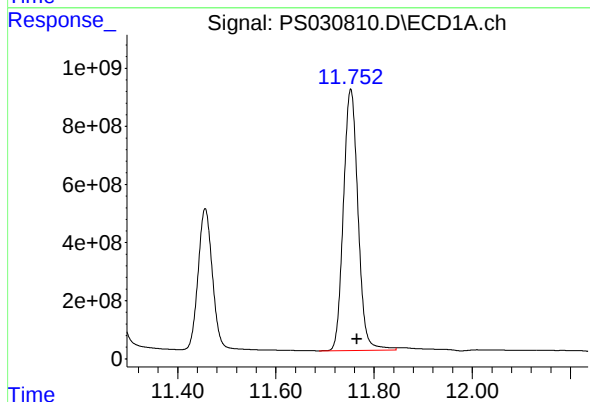
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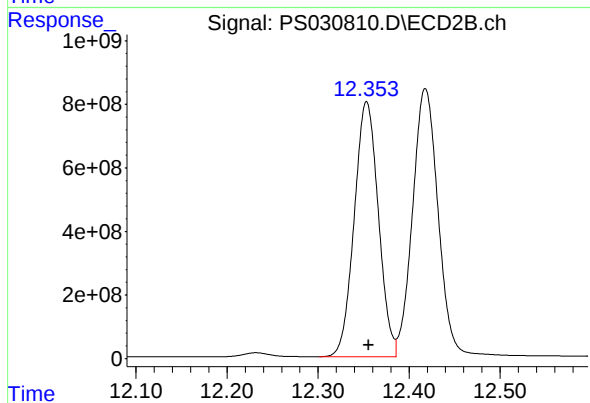
#15 Picloram

R.T.: 12.418 min
Delta R.T.: -0.001 min
Response: 16218269950
Conc: 697.82 ng/ml



#16 DCPA

R.T.: 11.753 min
Delta R.T.: -0.013 min
Response: 18552917329
Conc: 724.26 ng/ml



#16 DCPA

R.T.: 12.353 min
Delta R.T.: -0.003 min
Response: 14802102900
Conc: 671.52 ng/ml m