

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062725\
 Data File : PS030838.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 17:04
 Operator : AR\AJ
 Sample : PSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/30/2025
 Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:22:44 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	7.339	7.767	2634.9E6	759.5E6	717.104m	708.520
Target Compounds							
1) T	Dalapon	2.706	2.711	3998.3E6	1806.3E6	670.221	658.827
2) T	3,5-DICHL...	6.500	6.713	3606.9E6	1072.0E6	670.740	664.540
3) T	4-Nitroph...	7.140	7.299	1062.4E6	1142.9E6	673.780	659.284
5) T	DICAMBA	7.531	7.970	10487.2E6	4513.3E6	689.263	688.714
6) T	MCPD	7.711	8.068	705.2E6	155.4E6	75.110m	74.103
7) T	MCPA	7.862	8.318	825.0E6	221.8E6	70.331	70.507
8) T	DICHLORPROP	8.243	8.688	2423.7E6	1025.7E6	647.057	652.280
9) T	2,4-D	8.476	9.024	2347.4E6	1120.2E6	681.506	659.171
10) T	Pentachlo...	8.783	9.549	37946.1E6	26945.1E6	716.974	706.810
11) T	2,4,5-TP ...	9.363	9.929	14254.9E6	9970.6E6	711.663	691.029
12) T	2,4,5-T	9.657	10.356	12379.8E6	9554.3E6	752.429	699.199
13) T	2,4-DB	10.234	10.923	1864.5E6	798.0E6	812.933	674.588
14) T	DINOSEB	11.453	11.308	9890.0E6	7330.4E6	712.886m	679.925
15) T	Picloram	11.262	12.417	12815.8E6	16690.3E6	797.193m	718.126
16) T	DCPA	11.749	12.351	18629.5E6	15520.7E6	727.253	704.119m

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

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Operator : AR\AJ
Sample : PSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

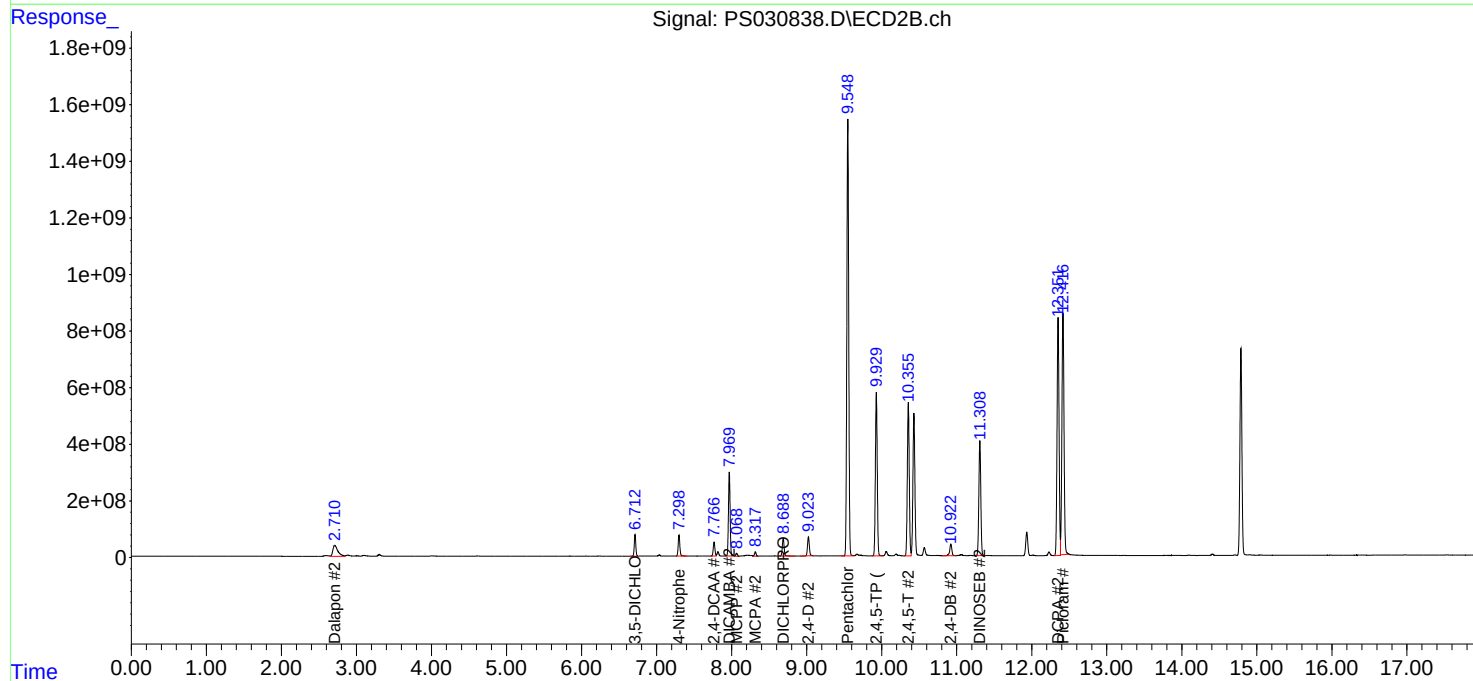
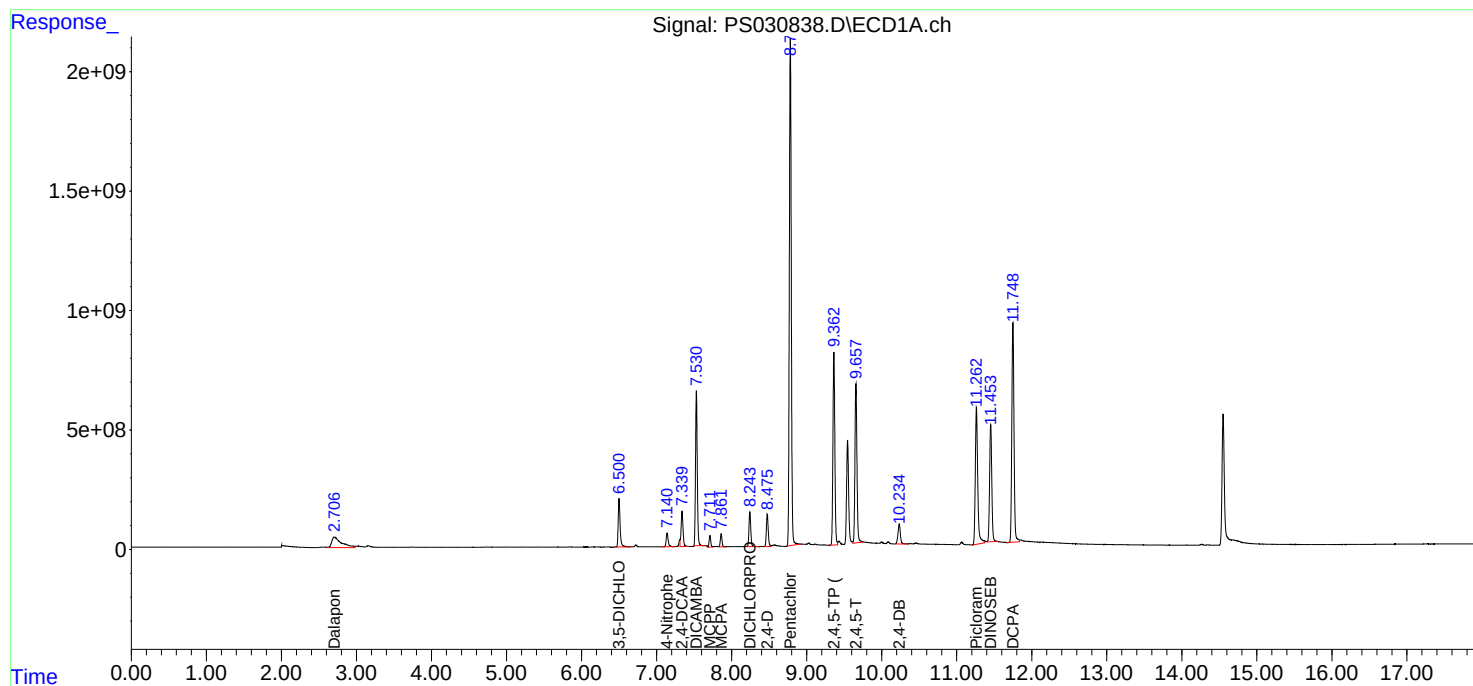
Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

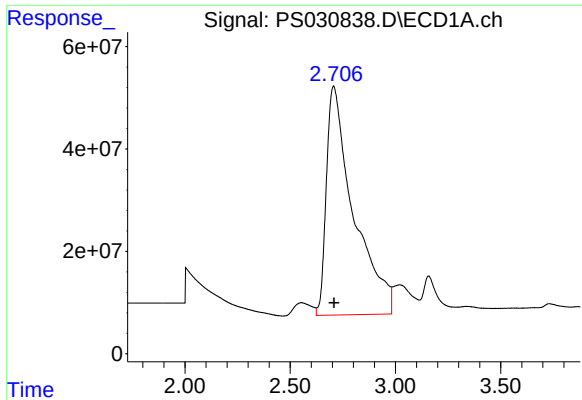
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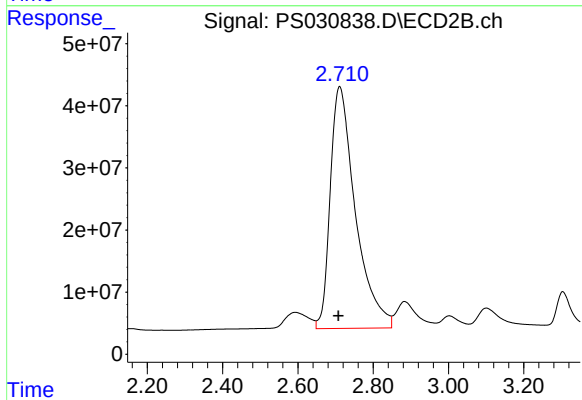
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: -0.002 min
Response: 3998292246
Conc: 670.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

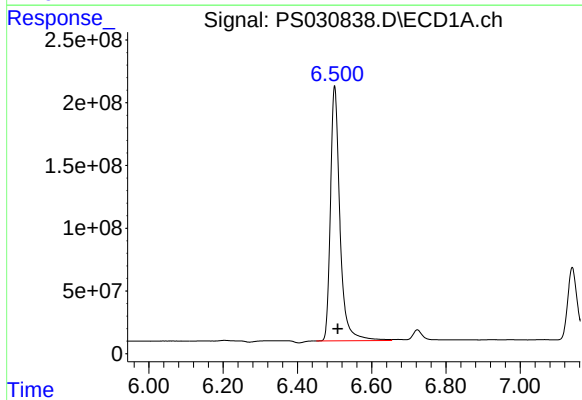
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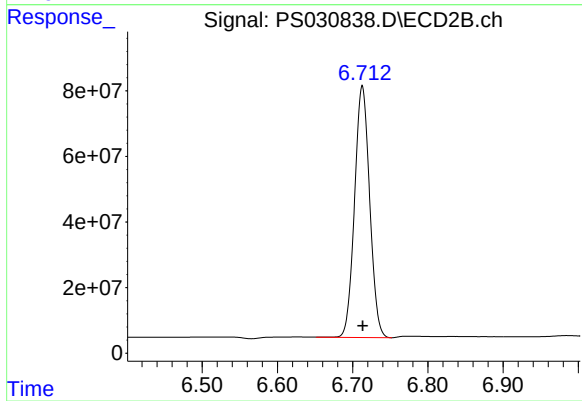
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.003 min
Response: 1806334973
Conc: 658.83 ng/ml



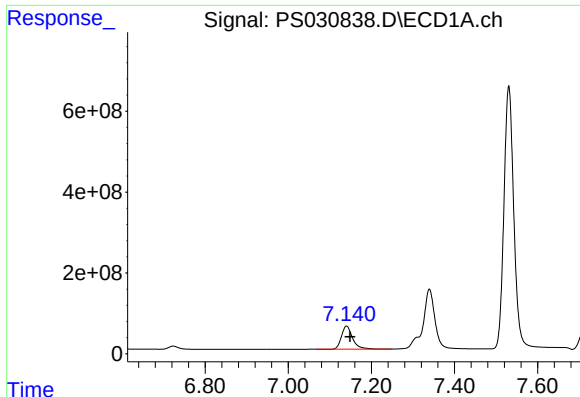
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.500 min
Delta R.T.: -0.008 min
Response: 3606938064
Conc: 670.74 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 1072002840
Conc: 664.54 ng/ml



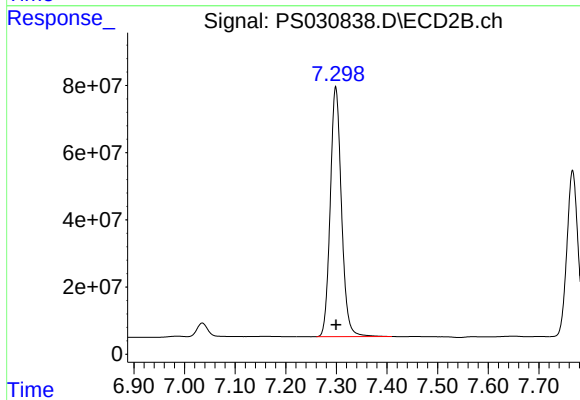
#3 4-Nitrophenol

R.T.: 7.140 min
Delta R.T.: -0.008 min
Response: 1062395393
Conc: 673.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

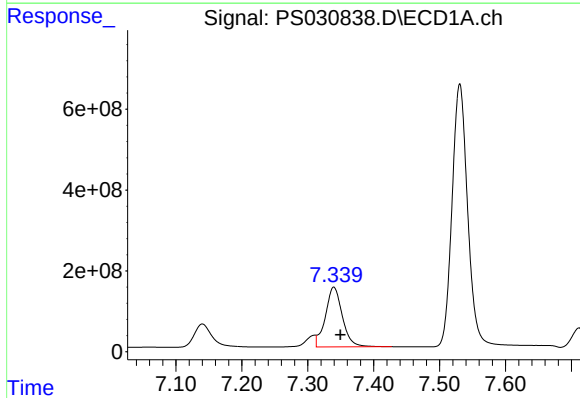
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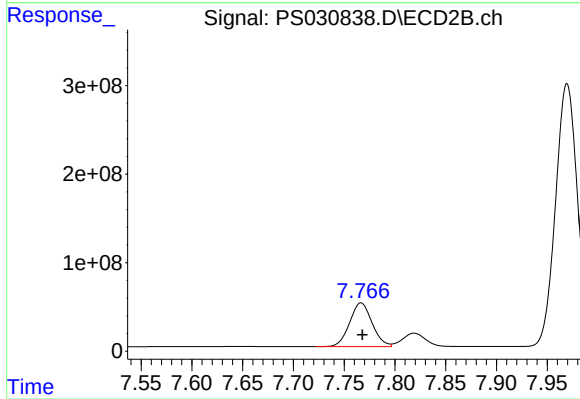
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 1142891764
Conc: 659.28 ng/ml



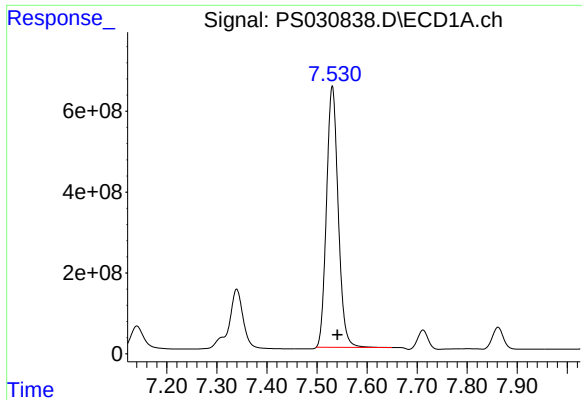
#4 2,4-DCAA

R.T.: 7.339 min
Delta R.T.: -0.010 min
Response: 2634923350
Conc: 717.10 ng/ml m



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.001 min
Response: 759507648
Conc: 708.52 ng/ml



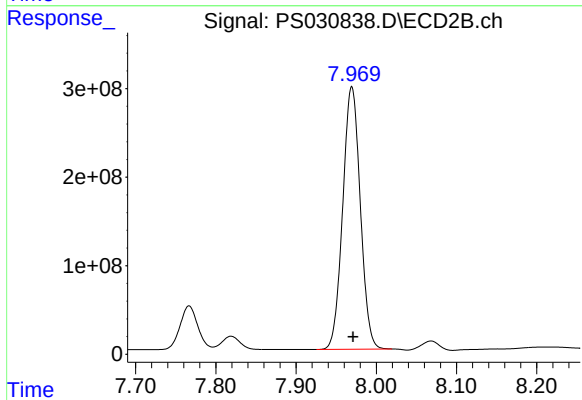
#5 DICAMBA

R.T.: 7.531 min
Delta R.T.: -0.010 min
Response: 10487199431
Conc: 689.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

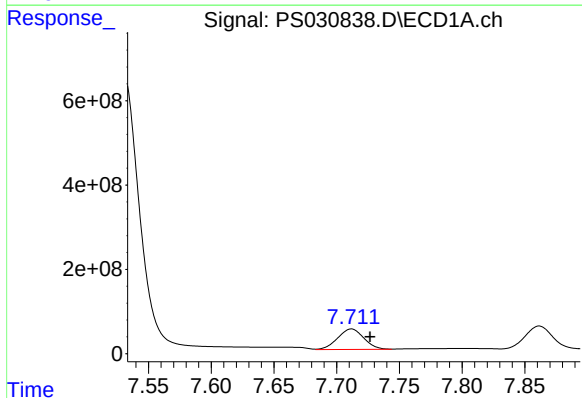
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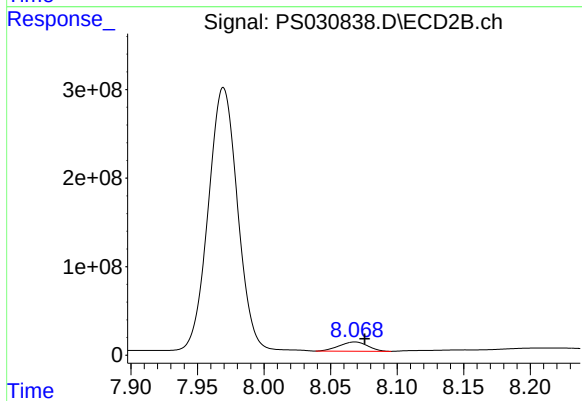
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: -0.002 min
Response: 4513292360
Conc: 688.71 ng/ml



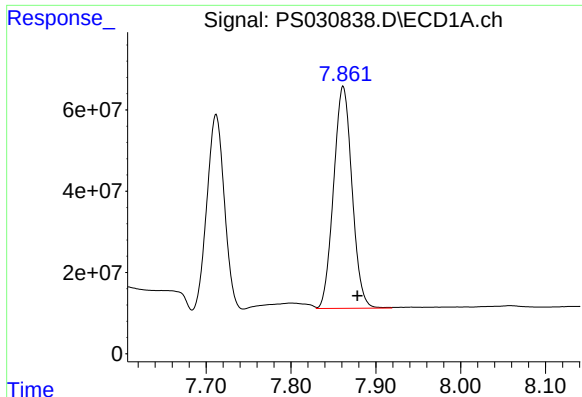
#6 MCP

R.T.: 7.711 min
Delta R.T.: -0.015 min
Response: 705158598
Conc: 75.11 ug/ml m



#6 MCP

R.T.: 8.068 min
Delta R.T.: -0.008 min
Response: 155417722
Conc: 74.10 ug/ml



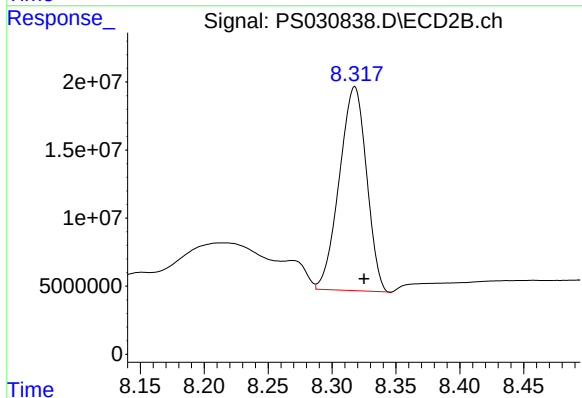
#7 MCPA

R.T.: 7.862 min
Delta R.T.: -0.017 min
Response: 825026343
Conc: 70.33 ug/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

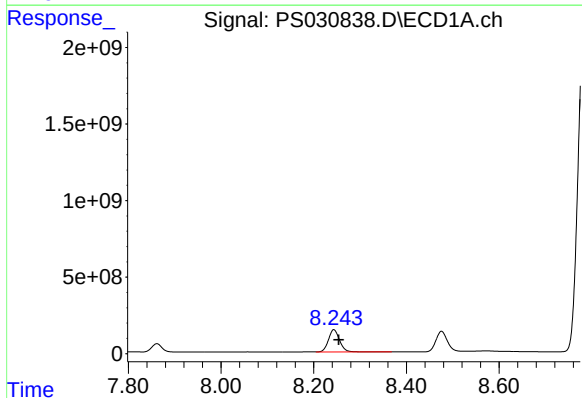
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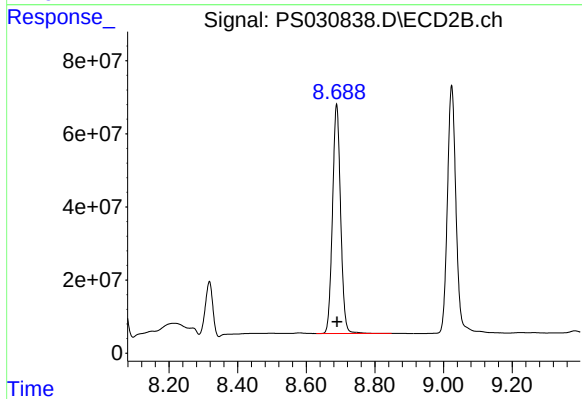
#7 MCPA

R.T.: 8.318 min
Delta R.T.: -0.007 min
Response: 221796784
Conc: 70.51 ug/ml



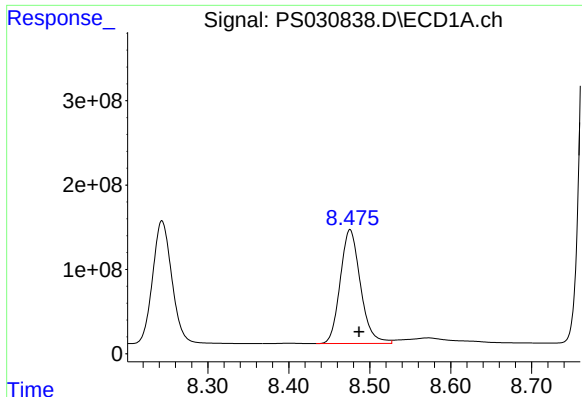
#8 DICHLORPROP

R.T.: 8.243 min
Delta R.T.: -0.011 min
Response: 2423722777
Conc: 647.06 ng/ml



#8 DICHLORPROP

R.T.: 8.688 min
Delta R.T.: -0.002 min
Response: 1025707281
Conc: 652.28 ng/ml



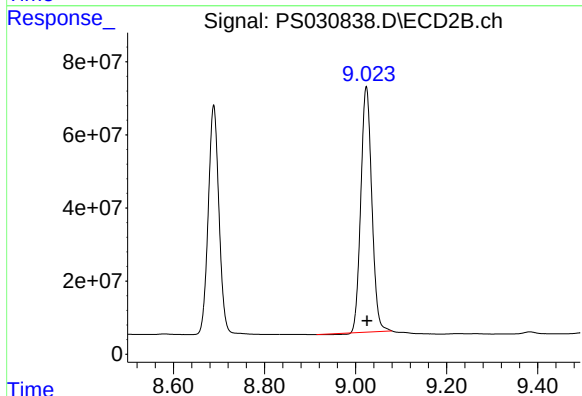
#9 2,4-D

R.T.: 8.476 min
Delta R.T.: -0.011 min
Response: 2347386901
Conc: 681.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

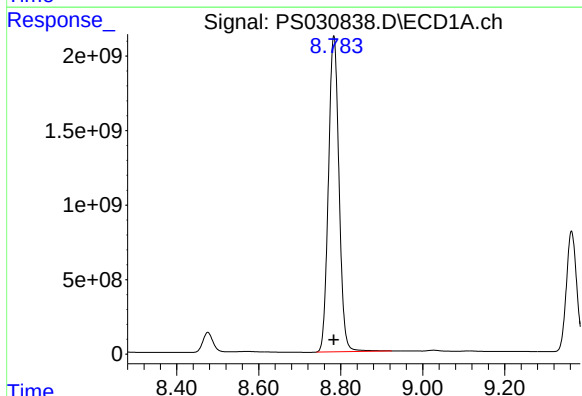
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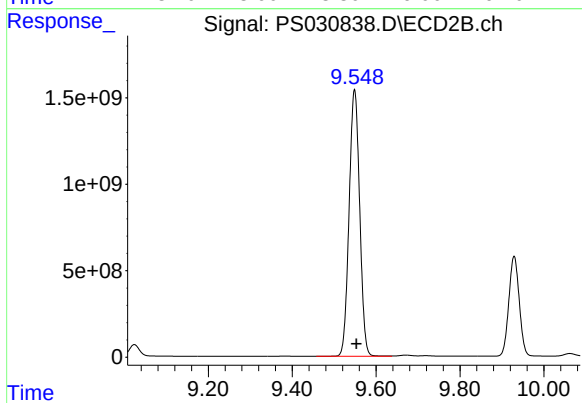
#9 2,4-D

R.T.: 9.024 min
Delta R.T.: -0.002 min
Response: 1120198213
Conc: 659.17 ng/ml



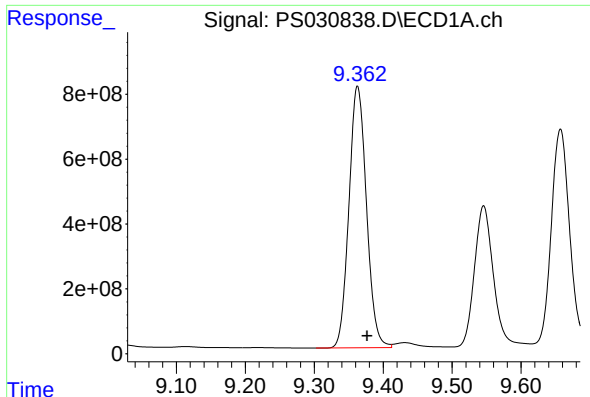
#10 Pentachlorophenol

R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 37946135851
Conc: 716.97 ng/ml



#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: -0.004 min
Response: 26945081595
Conc: 706.81 ng/ml



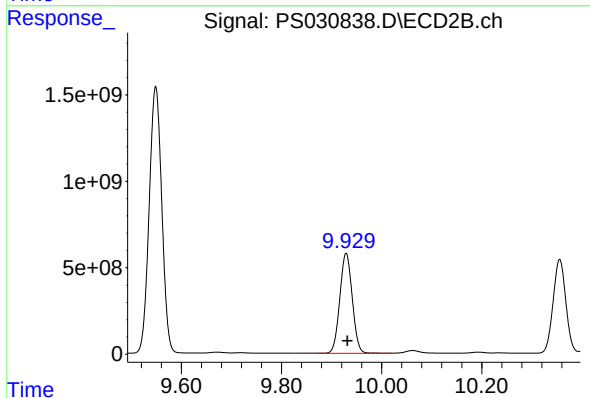
#11 2,4,5-TP (SILVEX)

R.T.: 9.363 min
Delta R.T.: -0.014 min
Response: 14254891543
Conc: 711.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

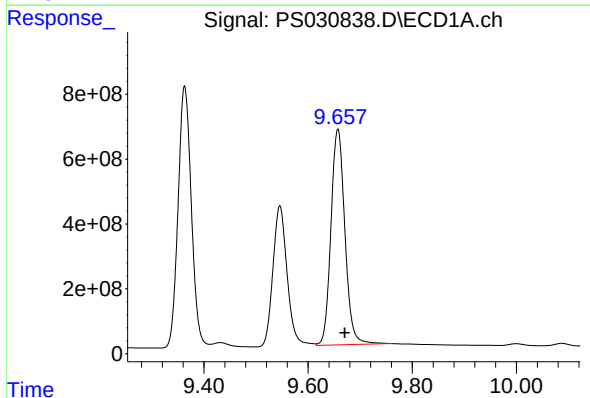
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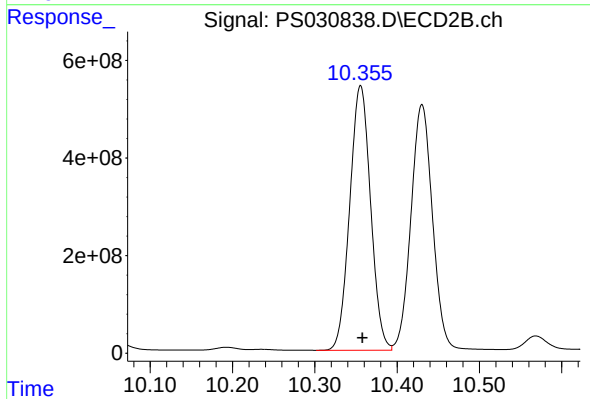
#11 2,4,5-TP (SILVEX)

R.T.: 9.929 min
Delta R.T.: -0.003 min
Response: 9970648369
Conc: 691.03 ng/ml



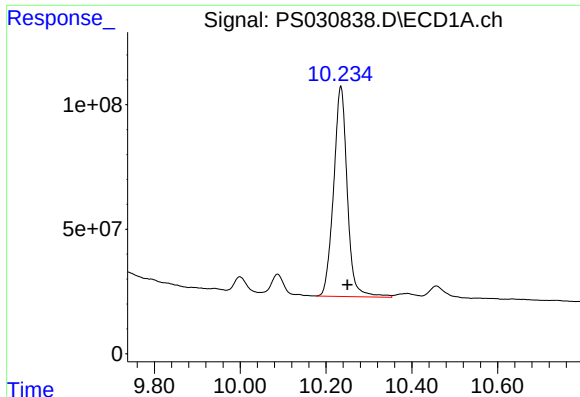
#12 2,4,5-T

R.T.: 9.657 min
Delta R.T.: -0.013 min
Response: 12379822964
Conc: 752.43 ng/ml



#12 2,4,5-T

R.T.: 10.356 min
Delta R.T.: -0.002 min
Response: 9554295719
Conc: 699.20 ng/ml



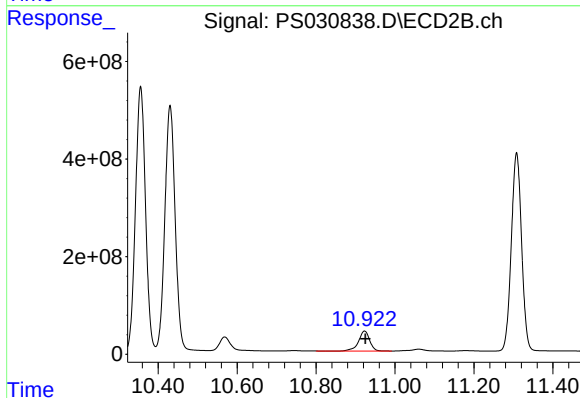
#13 2,4-DB

R.T.: 10.234 min
Delta R.T.: -0.015 min
Response: 1864465040
Conc: 812.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

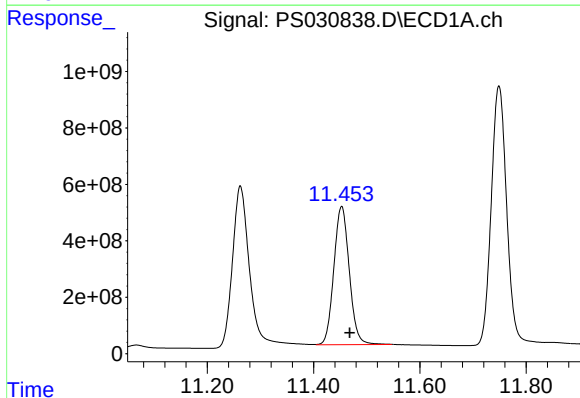
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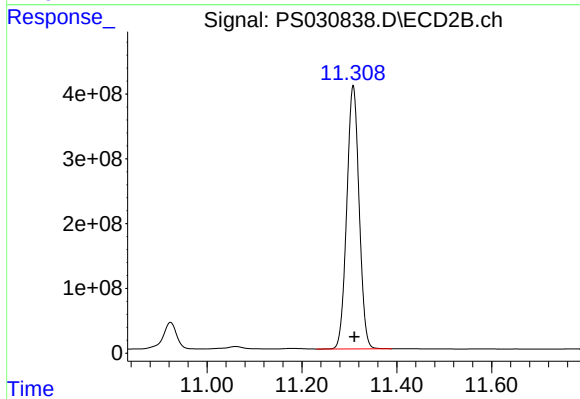
#13 2,4-DB

R.T.: 10.923 min
Delta R.T.: -0.002 min
Response: 797972925
Conc: 674.59 ng/ml



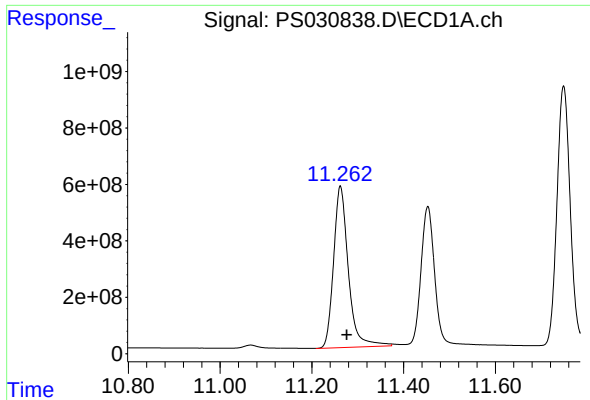
#14 DINOSEB

R.T.: 11.453 min
Delta R.T.: -0.016 min
Response: 9890005048
Conc: 712.89 ng/ml m



#14 DINOSEB

R.T.: 11.308 min
Delta R.T.: -0.003 min
Response: 7330444423
Conc: 679.93 ng/ml



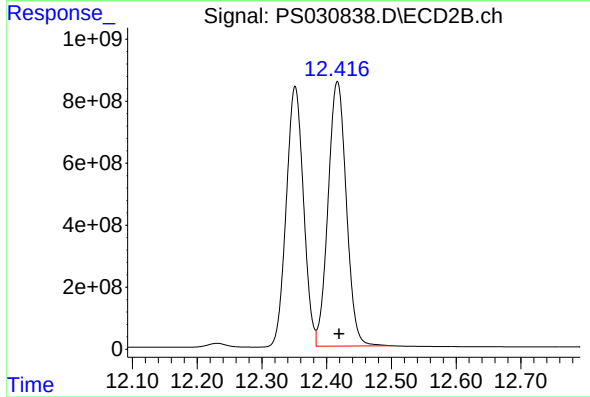
#15 Picloram

R.T.: 11.262 min
Delta R.T.: -0.015 min
Response: 12815756379
Conc: 797.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

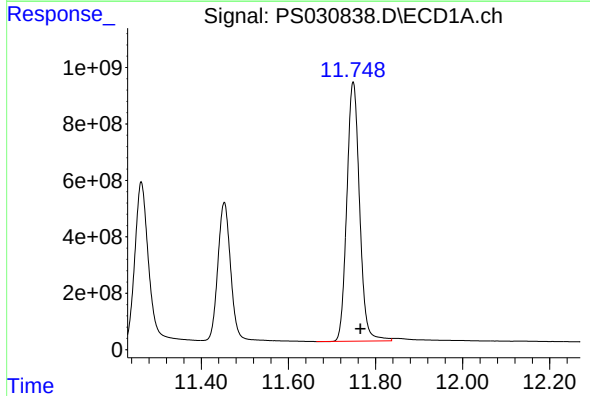
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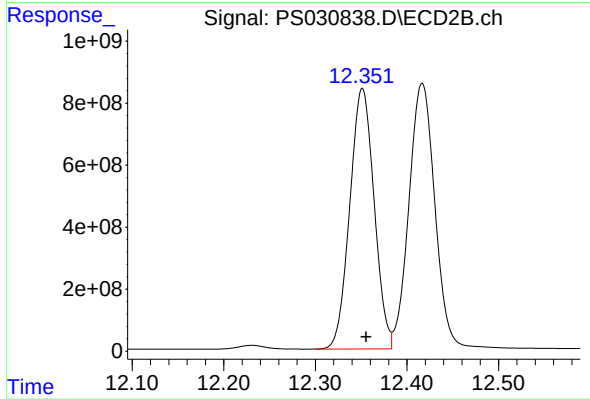
#15 Picloram

R.T.: 12.417 min
Delta R.T.: -0.003 min
Response: 16690273997
Conc: 718.13 ng/ml



#16 DCPA

R.T.: 11.749 min
Delta R.T.: -0.016 min
Response: 18629488405
Conc: 727.25 ng/ml



#16 DCPA

R.T.: 12.351 min
Delta R.T.: -0.005 min
Response: 15520738786
Conc: 704.12 ng/ml m