

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070225\
 Data File : PS030899.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 17:17
 Operator : AR\AJ
 Sample : PSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/03/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 01:45:22 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	2608.7E6	736.0E6	709.979m	686.619
Target Compounds							
1) T	Dalapon	2.704	2.711	3865.4E6	1749.9E6	647.940	638.251
2) T	3,5-DICHL...	6.499	6.714	3596.1E6	1023.1E6	668.729	634.233
3) T	4-Nitroph...	7.138	7.300	1069.4E6	1072.1E6	678.217	618.473
5) T	DICAMBA	7.528	7.970	10528.8E6	4375.7E6	691.996m	667.723
6) T	MCPD	7.709	8.069	702.6E6	148.2E6	74.833m	70.665
7) T	MCPA	7.860	8.317	814.7E6	217.8E6	69.454	69.226
8) T	DICHLORPROP	8.241	8.689	2426.9E6	1012.1E6	647.913	643.657
9) T	2,4-D	8.473	9.024	2381.3E6	1087.6E6	691.348	640.003
10) T	Pentachlo...	8.780	9.549	37618.5E6	26376.3E6	710.783	691.891
11) T	2,4,5-TP ...	9.360	9.930	14324.1E6	9786.2E6	715.119	678.242
12) T	2,4,5-T	9.655	10.356	12660.2E6	9399.9E6	769.468	687.901
13) T	2,4-DB	10.231	10.923	1844.2E6	781.1E6	804.091m	660.356
14) T	DINOSEB	11.449	11.308	9811.3E6	7084.9E6	707.213m	657.149
15) T	Picloram	11.260	12.418	12709.2E6	16159.9E6	790.567m	695.306
16) T	DCPA	11.745	12.352	18889.6E6	15126.1E6	737.407	686.216m

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

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Acq On : 02 Jul 2025 17:17
Operator : AR\AJ
Sample : PSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

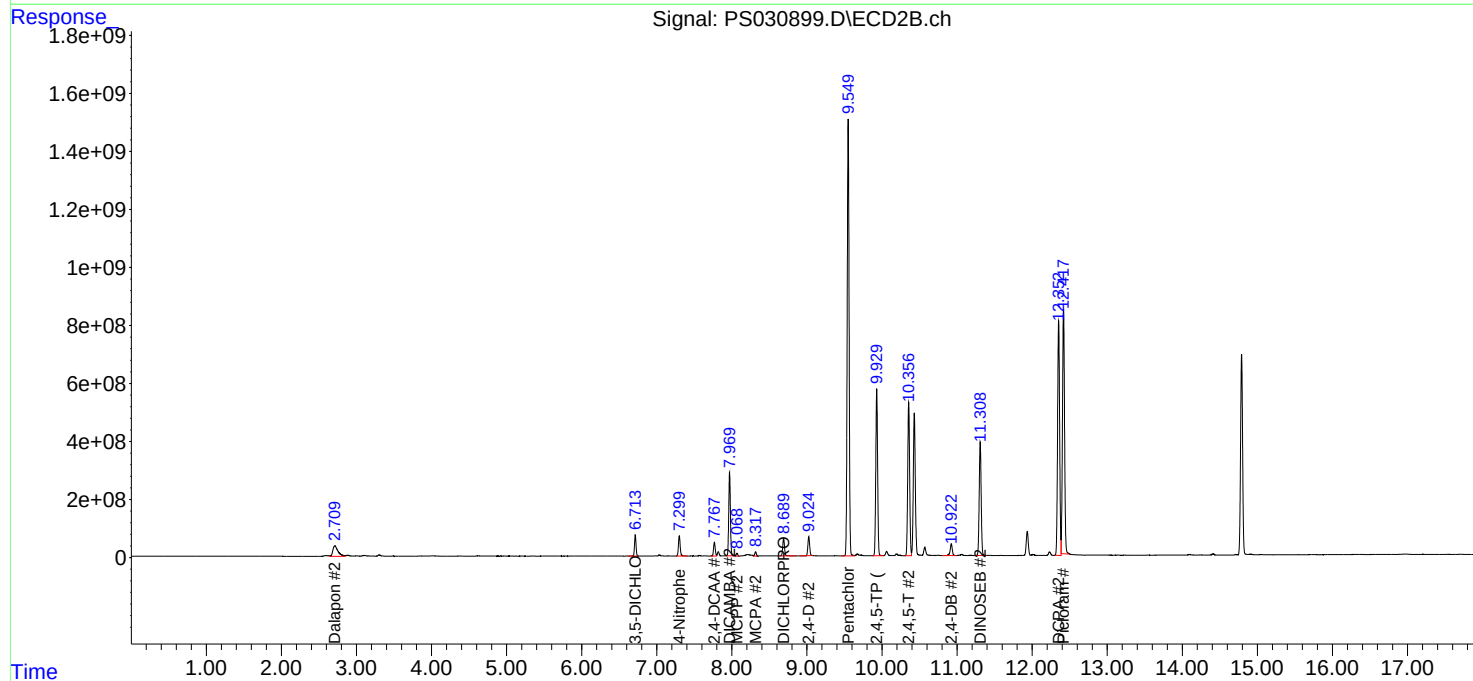
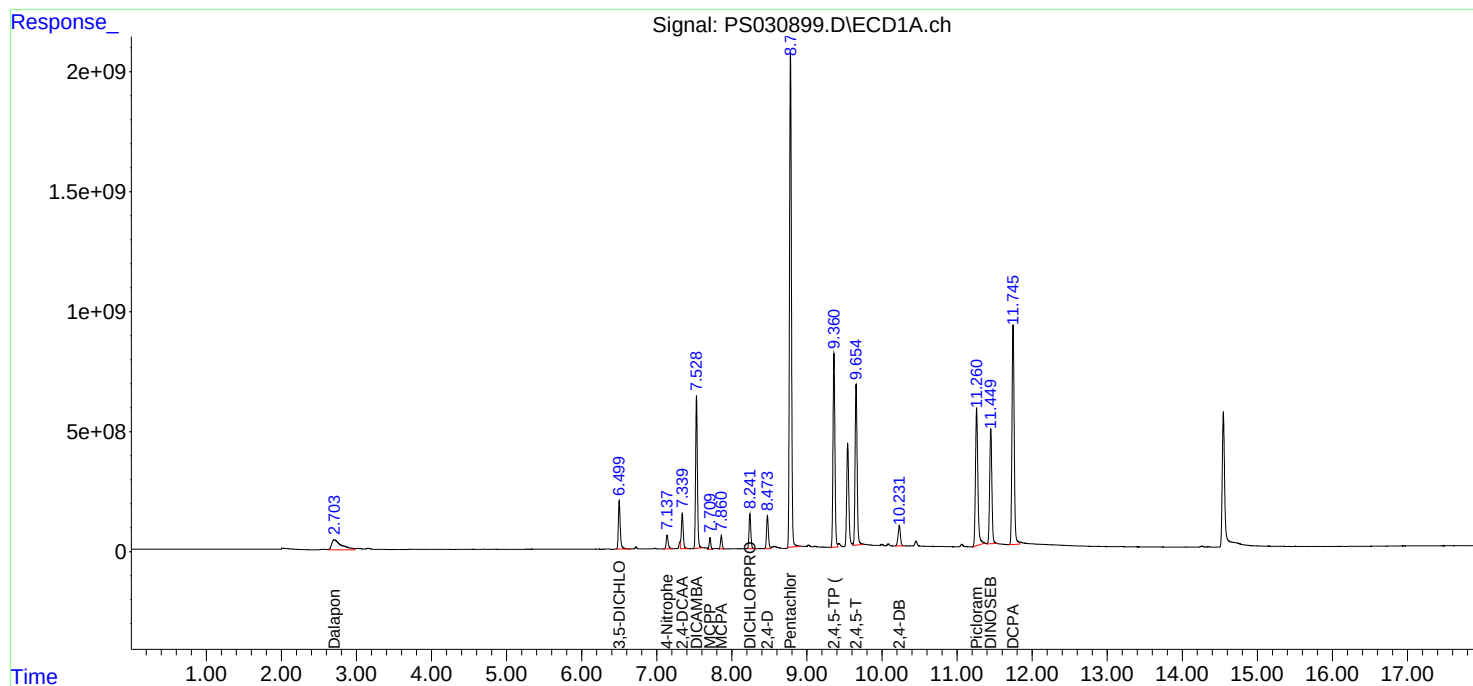
Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

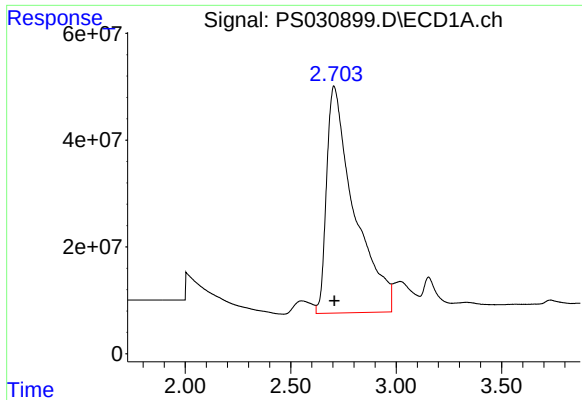
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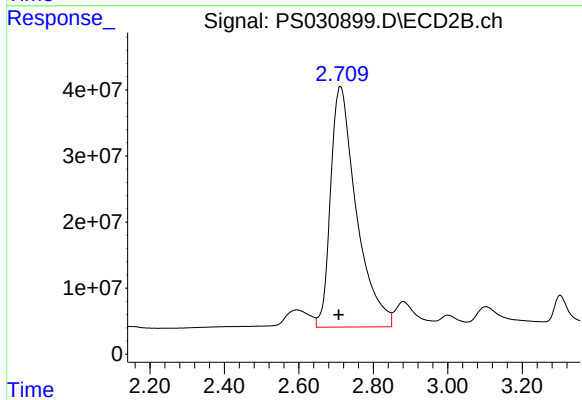
#1 Dalapon

R.T.: 2.704 min
Delta R.T.: -0.004 min
Response: 3865368591
Conc: 647.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

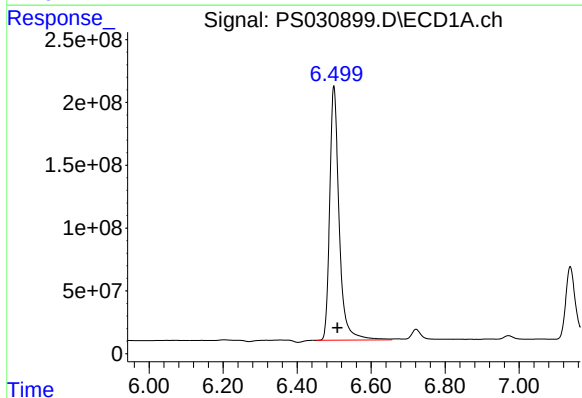
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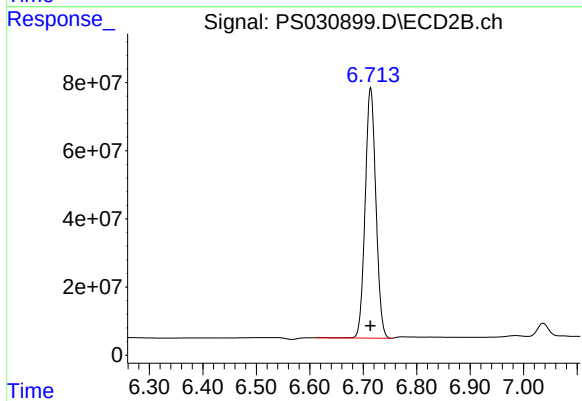
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.004 min
Response: 1749920415
Conc: 638.25 ng/ml



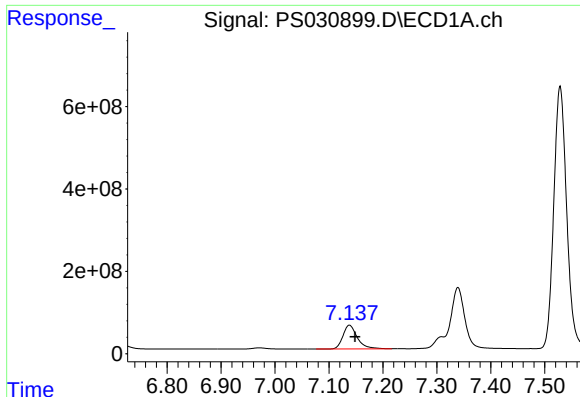
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.499 min
Delta R.T.: -0.010 min
Response: 3596124912
Conc: 668.73 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 1023113468
Conc: 634.23 ng/ml



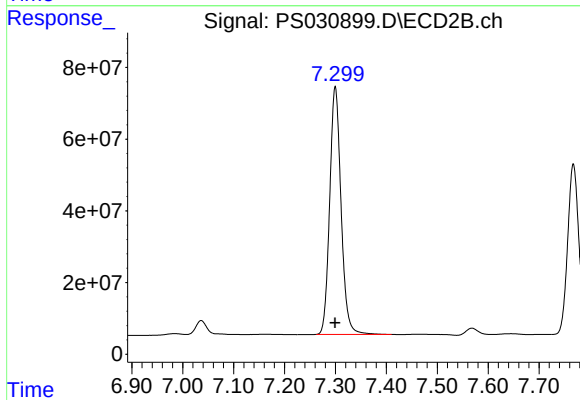
#3 4-Nitrophenol

R.T.: 7.138 min
Delta R.T.: -0.011 min
Response: 1069390769
Conc: 678.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

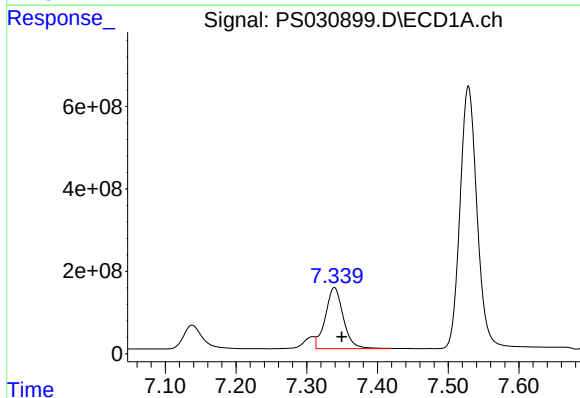
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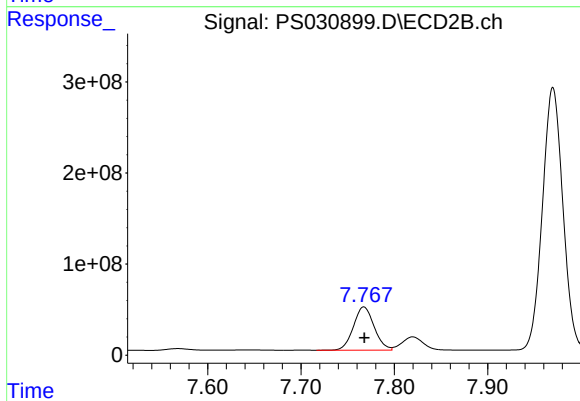
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 1072144768
Conc: 618.47 ng/ml



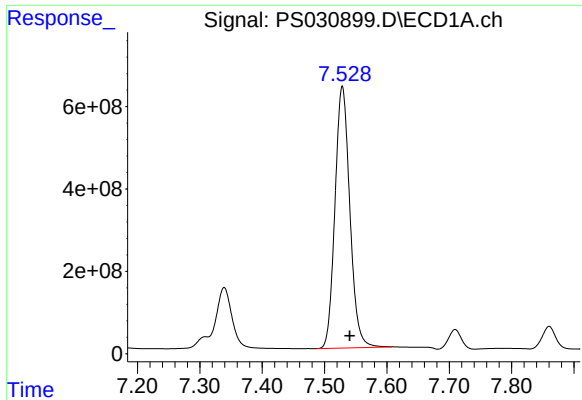
#4 2,4-DCAA

R.T.: 7.339 min
Delta R.T.: -0.011 min
Response: 2608742793
Conc: 709.98 ng/ml m



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 736031217
Conc: 686.62 ng/ml



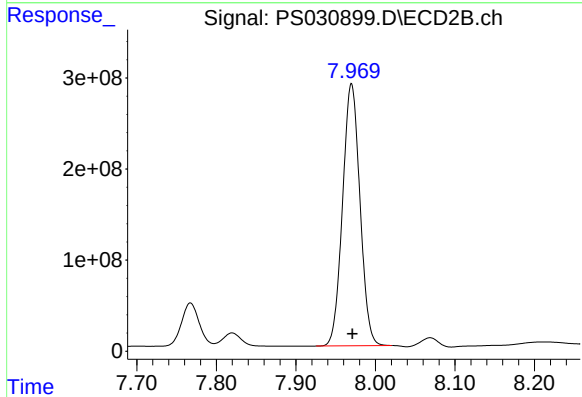
#5 DICAMBA

R.T.: 7.528 min
Delta R.T.: -0.012 min
Response: 10528789534
Conc: 692.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

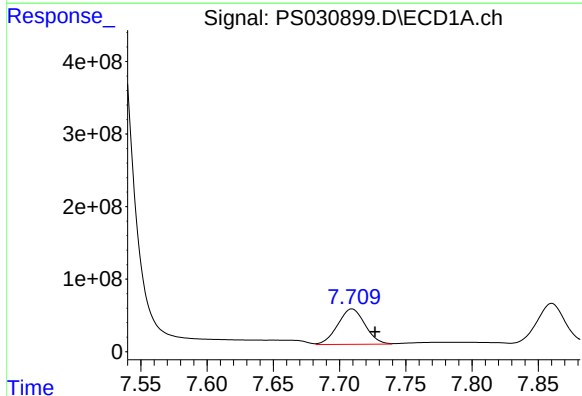
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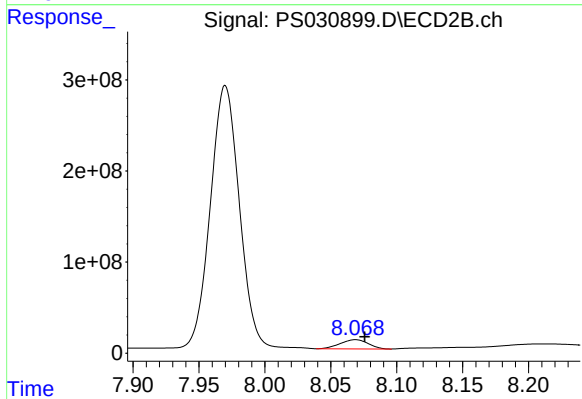
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: -0.001 min
Response: 4375731972
Conc: 667.72 ng/ml



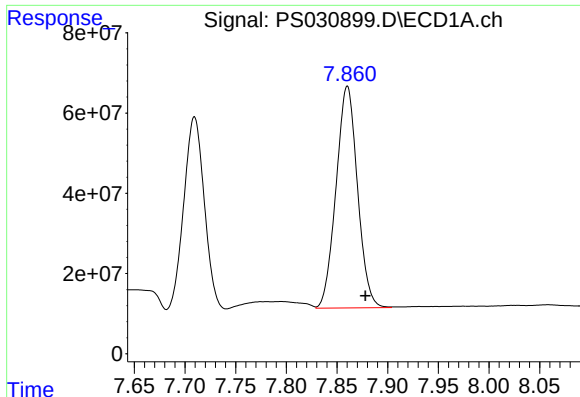
#6 MCP

R.T.: 7.709 min
Delta R.T.: -0.018 min
Response: 702560561
Conc: 74.83 ug/ml m



#6 MCP

R.T.: 8.069 min
Delta R.T.: -0.007 min
Response: 148207685
Conc: 70.67 ug/ml



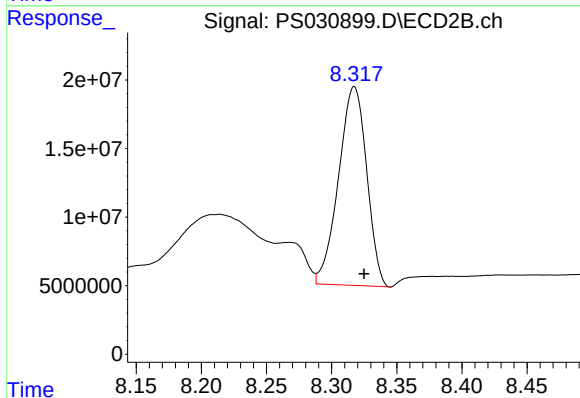
#7 MCPA

R.T.: 7.860 min
Delta R.T.: -0.018 min
Response: 814734868
Conc: 69.45 ug/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

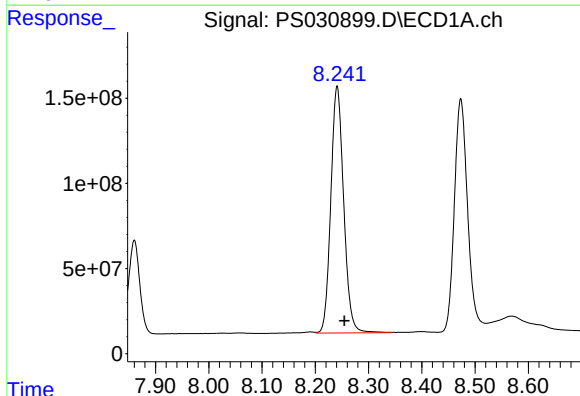
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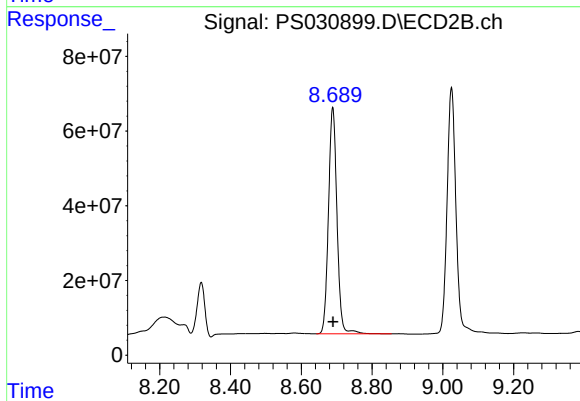
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.008 min
Response: 217768062
Conc: 69.23 ug/ml



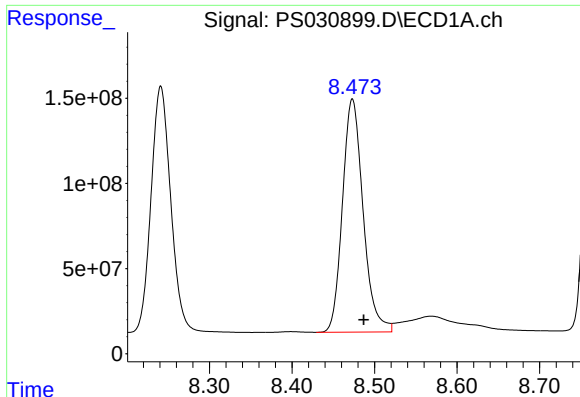
#8 DICHLORPROP

R.T.: 8.241 min
Delta R.T.: -0.013 min
Response: 2426928683
Conc: 647.91 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: -0.001 min
Response: 1012148151
Conc: 643.66 ng/ml



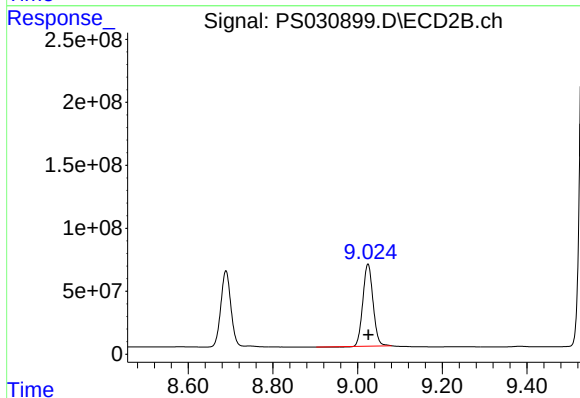
#9 2,4-D

R.T.: 8.473 min
Delta R.T.: -0.014 min
Response: 2381288746
Conc: 691.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

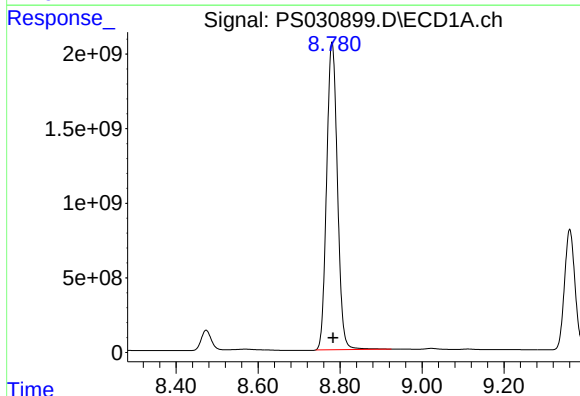
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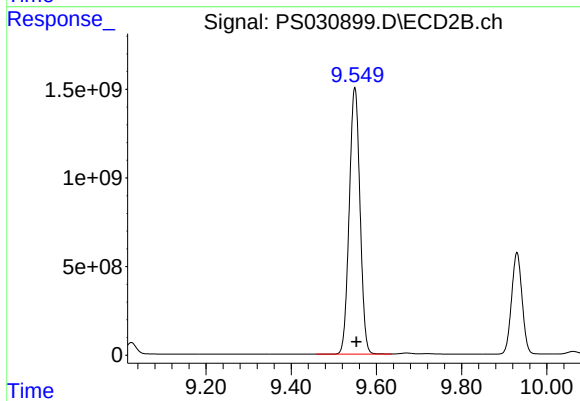
#9 2,4-D

R.T.: 9.024 min
Delta R.T.: -0.001 min
Response: 1087625030
Conc: 640.00 ng/ml



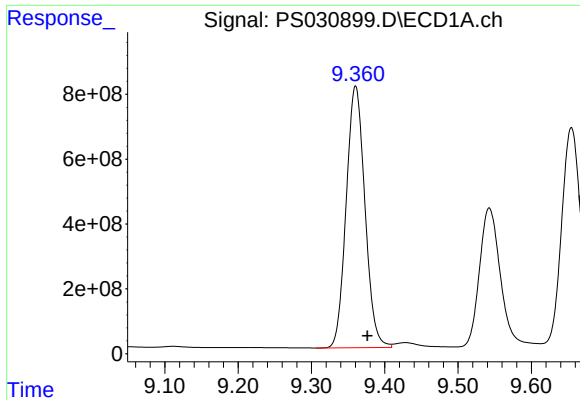
#10 Pentachlorophenol

R.T.: 8.780 min
Delta R.T.: -0.002 min
Response: 37618510685
Conc: 710.78 ng/ml



#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: -0.004 min
Response: 26376325782
Conc: 691.89 ng/ml



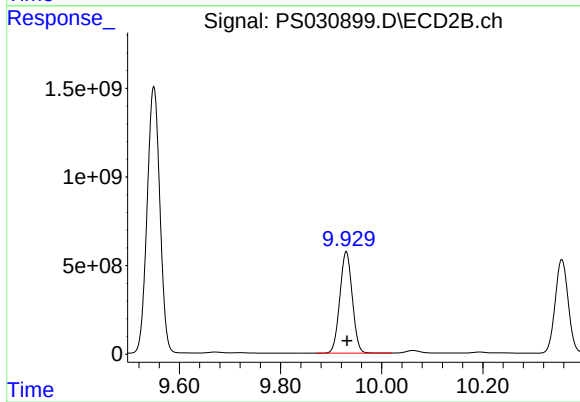
#11 2,4,5-TP (SILVEX)

R.T.: 9.360 min
Delta R.T.: -0.016 min
Response: 14324118152
Conc: 715.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

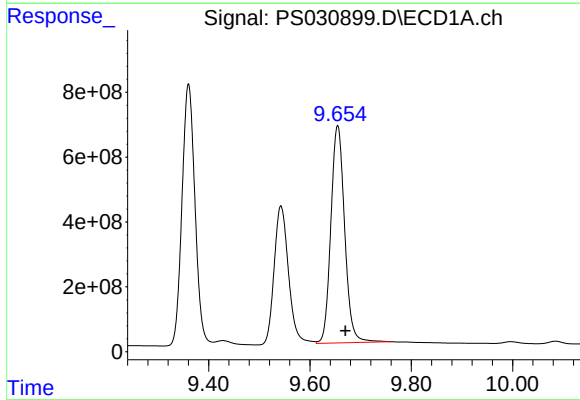
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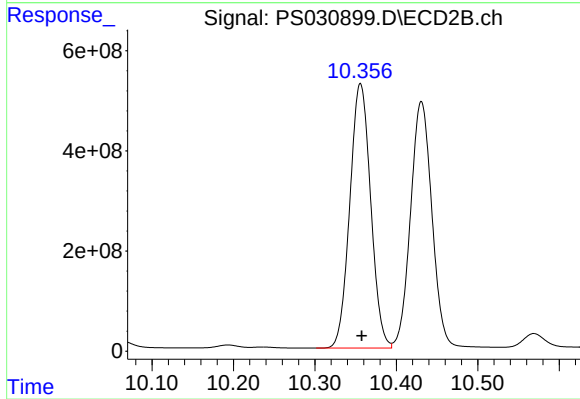
#11 2,4,5-TP (SILVEX)

R.T.: 9.930 min
Delta R.T.: -0.002 min
Response: 9786150571
Conc: 678.24 ng/ml



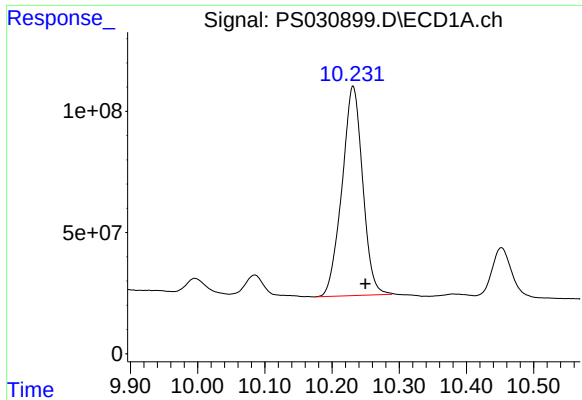
#12 2,4,5-T

R.T.: 9.655 min
Delta R.T.: -0.016 min
Response: 12660170677
Conc: 769.47 ng/ml



#12 2,4,5-T

R.T.: 10.356 min
Delta R.T.: -0.002 min
Response: 9399906837
Conc: 687.90 ng/ml



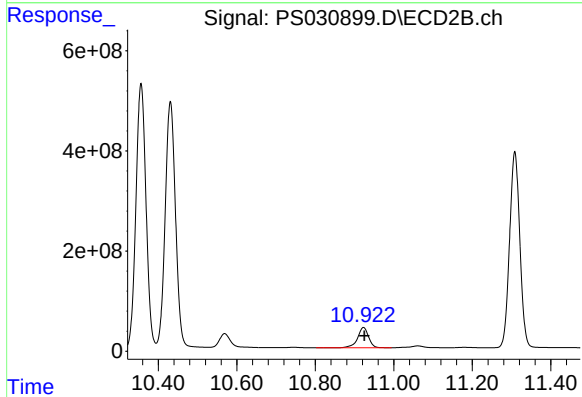
#13 2,4-DB

R.T.: 10.231 min
Delta R.T.: -0.019 min
Response: 1844185665
Conc: 804.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

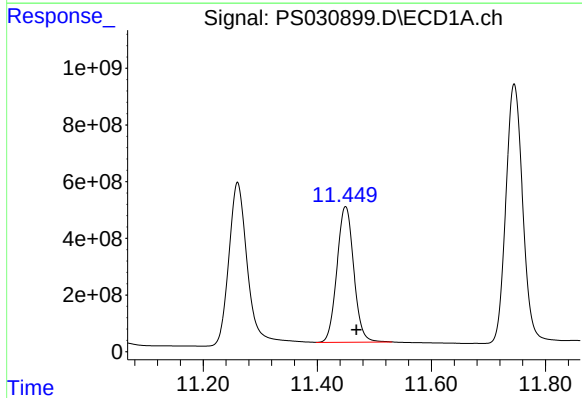
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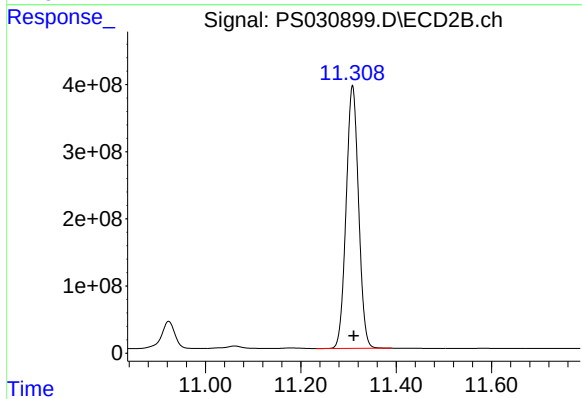
#13 2,4-DB

R.T.: 10.923 min
Delta R.T.: -0.002 min
Response: 781137577
Conc: 660.36 ng/ml



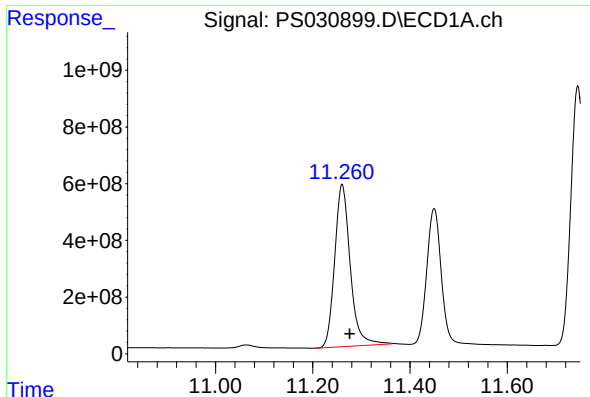
#14 DINOSEB

R.T.: 11.449 min
Delta R.T.: -0.019 min
Response: 9811301819
Conc: 707.21 ng/ml m



#14 DINOSEB

R.T.: 11.308 min
Delta R.T.: -0.003 min
Response: 7084886614
Conc: 657.15 ng/ml



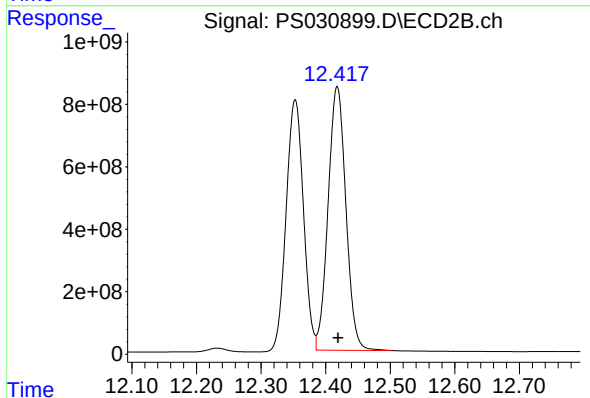
#15 Picloram

R.T.: 11.260 min
Delta R.T.: -0.017 min
Response: 12709249093
Conc: 790.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

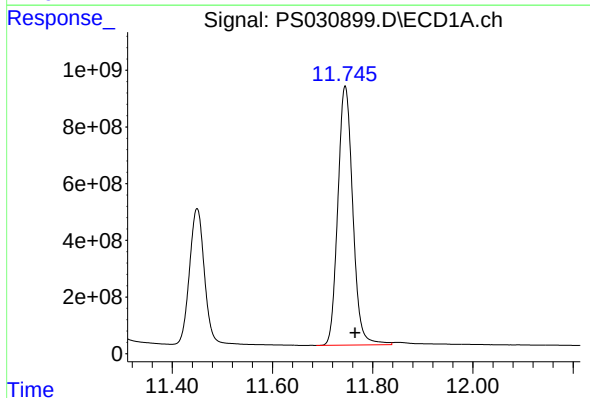
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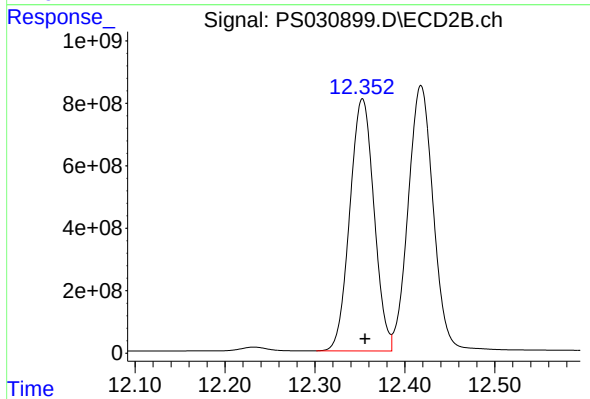
#15 Picloram

R.T.: 12.418 min
Delta R.T.: -0.001 min
Response: 16159894406
Conc: 695.31 ng/ml



#16 DCPA

R.T.: 11.745 min
Delta R.T.: -0.020 min
Response: 18889606465
Conc: 737.41 ng/ml



#16 DCPA

R.T.: 12.352 min
Delta R.T.: -0.003 min
Response: 15126122901
Conc: 686.22 ng/ml m