

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070125\
 Data File : PS030869.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 17:31
 Operator : AR\AJ
 Sample : PSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/02/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:46:01 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	7.341	7.767	2743.1E6	758.9E6	746.541	707.979
Target Compounds							
1) T	Dalapon	2.705	2.709	4020.8E6	1743.6E6	674.002	635.935
2) T	3,5-DICHL...	6.501	6.714	3737.6E6	1059.0E6	695.029	656.485
3) T	4-Nitroph...	7.141	7.300	1097.1E6	1129.8E6	695.781	651.751
5) T	DICAMBA	7.531	7.970	10911.0E6	4501.4E6	717.119	686.900
6) T	MCPD	7.712	8.069	733.6E6	155.6E6	78.136m	74.174
7) T	MCPA	7.862	8.318	850.3E6	228.1E6	72.488	72.526
8) T	DICHLORPROP	8.244	8.689	2523.2E6	1038.9E6	673.617	660.656
9) T	2,4-D	8.477	9.025	2454.1E6	1110.2E6	712.495	653.291
10) T	Pentachlo...	8.784	9.549	39314.7E6	27021.0E6	742.832	708.800
11) T	2,4,5-TP ...	9.364	9.930	14896.2E6	10019.9E6	743.678	694.445
12) T	2,4,5-T	9.658	10.356	13020.0E6	9604.5E6	791.338	702.873
13) T	2,4-DB	10.235	10.924	1871.7E6	814.7E6	816.084m	688.725
14) T	DINOSEB	11.453	11.308	10266.0E6	7349.2E6	739.989m	681.668
15) T	Picloram	11.263	12.417	12775.5E6	16583.2E6	794.688m	713.521
16) T	DCPA	11.749	12.352	19915.5E6	15781.8E6	777.454	715.961m

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

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Acq On : 01 Jul 2025 17:31
Operator : AR\AJ
Sample : PSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

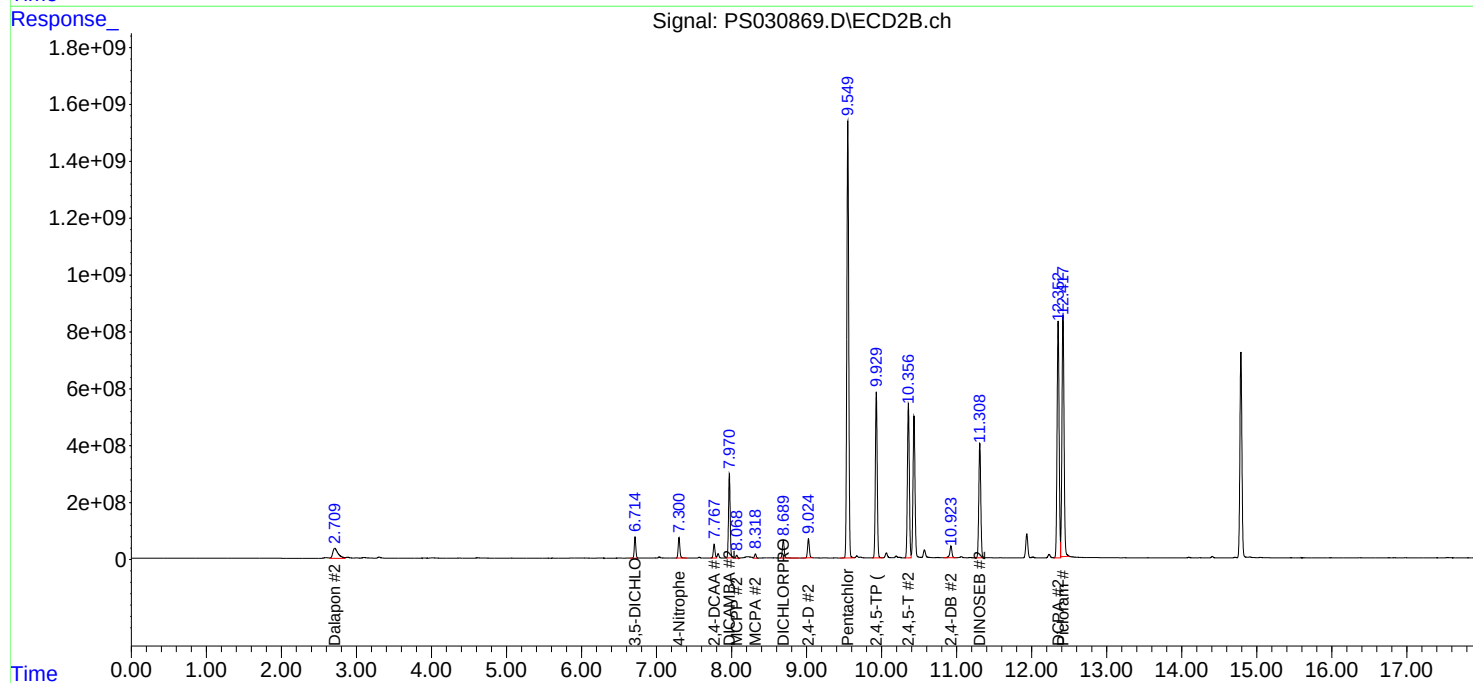
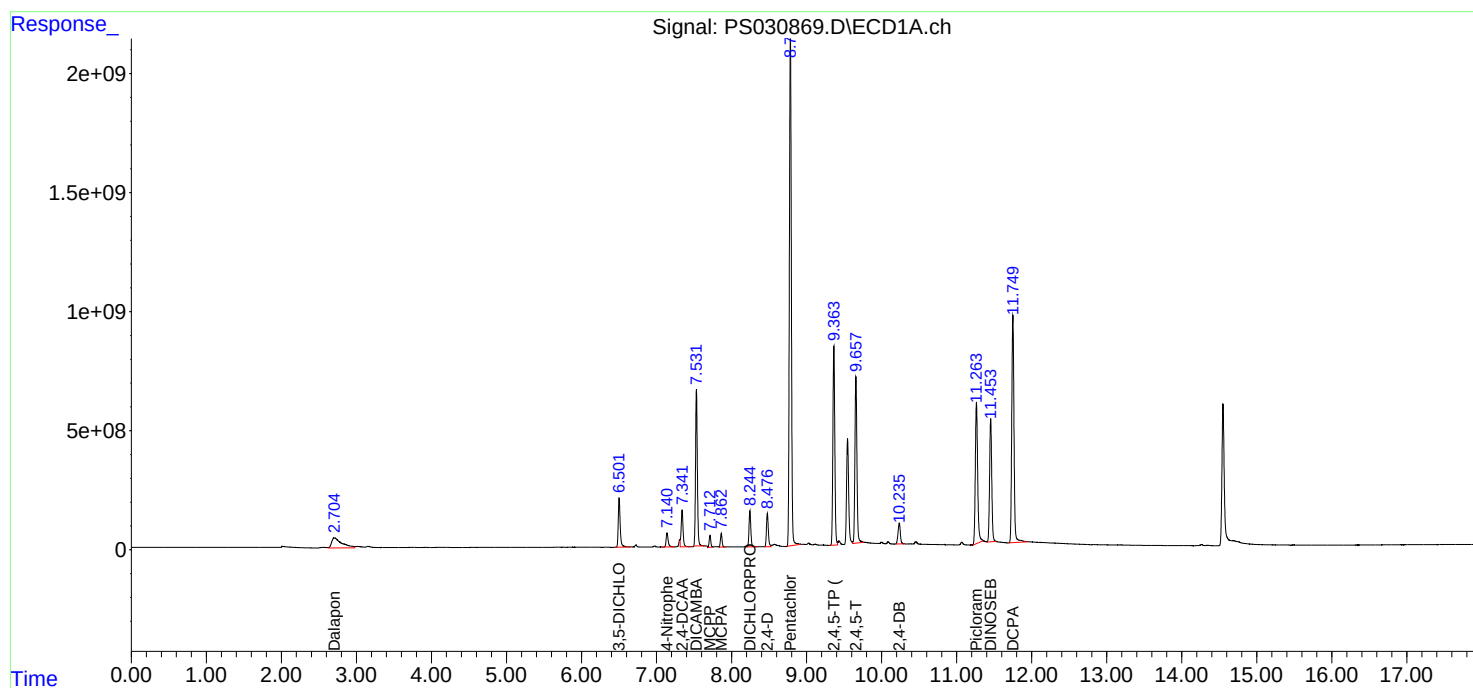
Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

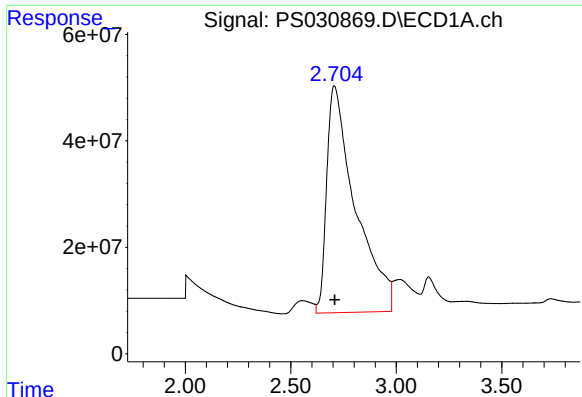
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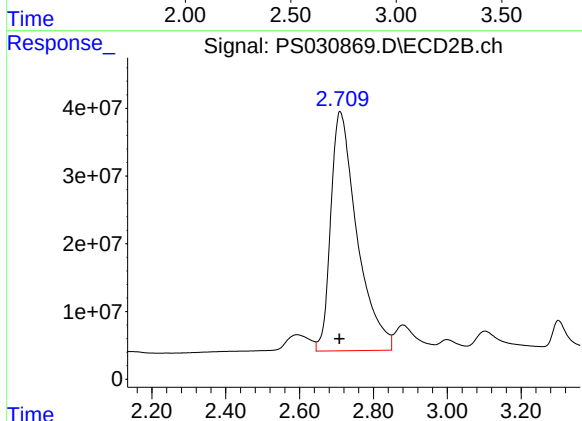
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.003 min
Response: 4020849505
Conc: 674.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

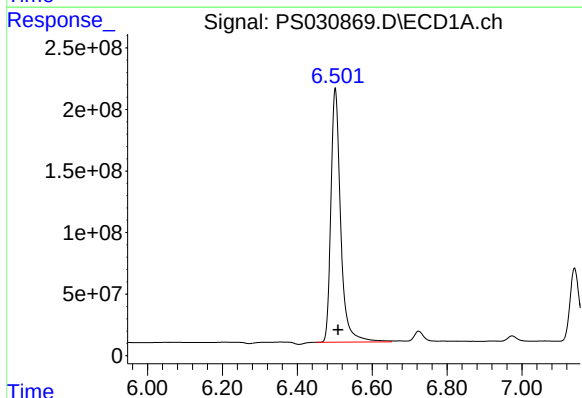
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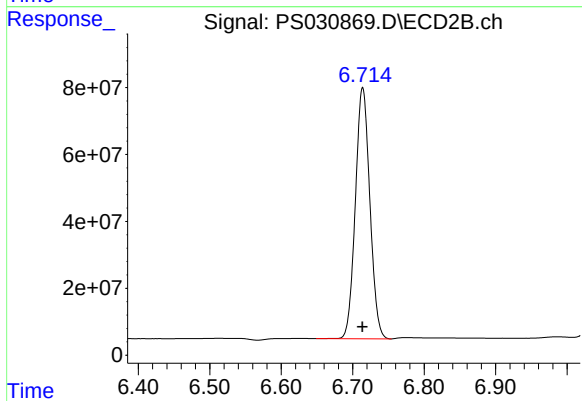
#1 Dalapon

R.T.: 2.709 min
Delta R.T.: 0.002 min
Response: 1743571539
Conc: 635.94 ng/ml



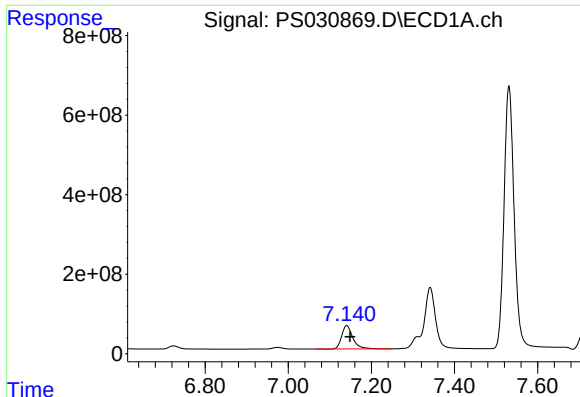
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.501 min
Delta R.T.: -0.007 min
Response: 3737552221
Conc: 695.03 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 1059008143
Conc: 656.48 ng/ml



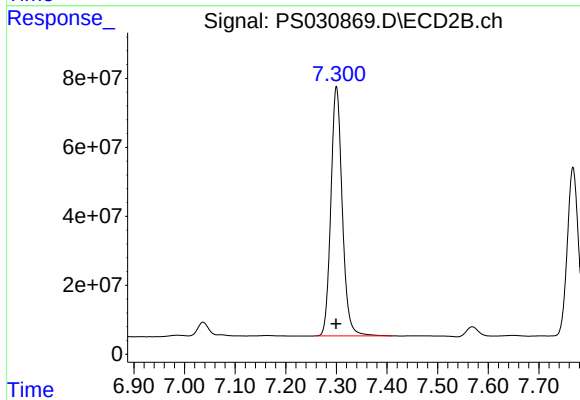
#3 4-Nitrophenol

R.T.: 7.141 min
Delta R.T.: -0.008 min
Response: 1097084951
Conc: 695.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

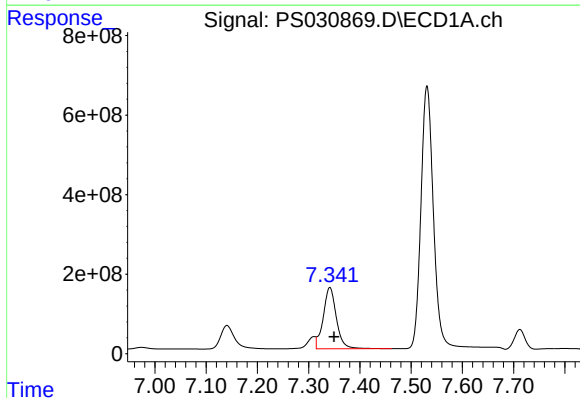
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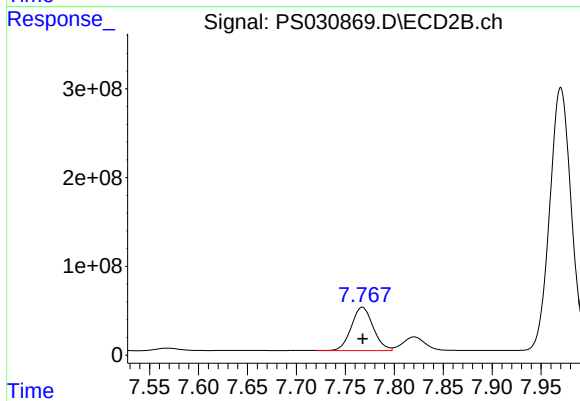
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 1129832774
Conc: 651.75 ng/ml



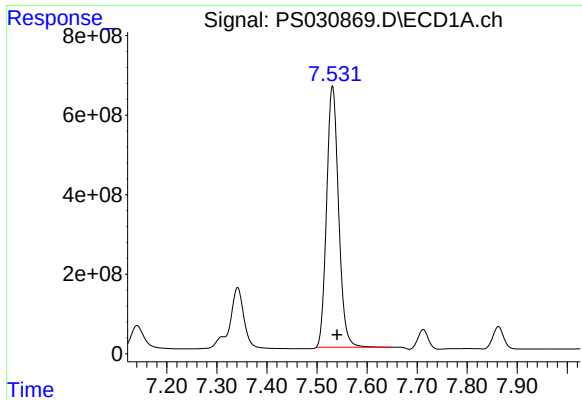
#4 2,4-DCAA

R.T.: 7.341 min
Delta R.T.: -0.008 min
Response: 2743086733
Conc: 746.54 ng/ml



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 758927957
Conc: 707.98 ng/ml



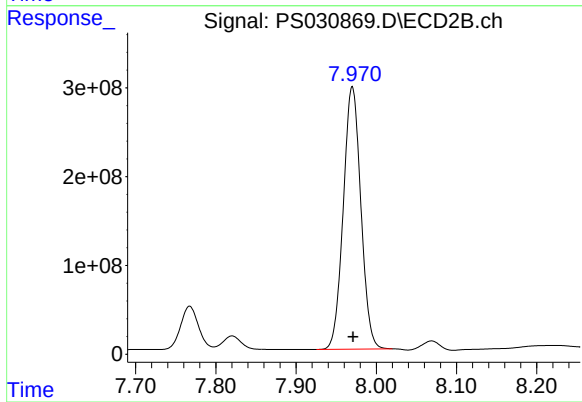
#5 DICAMBA

R.T.: 7.531 min
Delta R.T.: -0.009 min
Response: 10911038418
Conc: 717.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

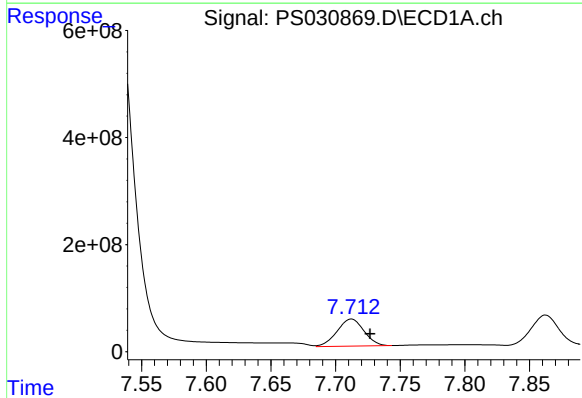
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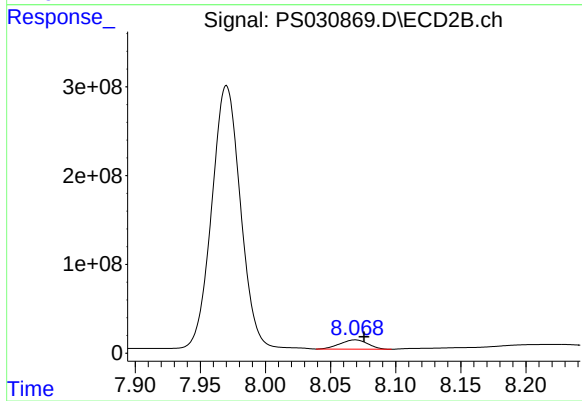
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: -0.001 min
Response: 4501403731
Conc: 686.90 ng/ml



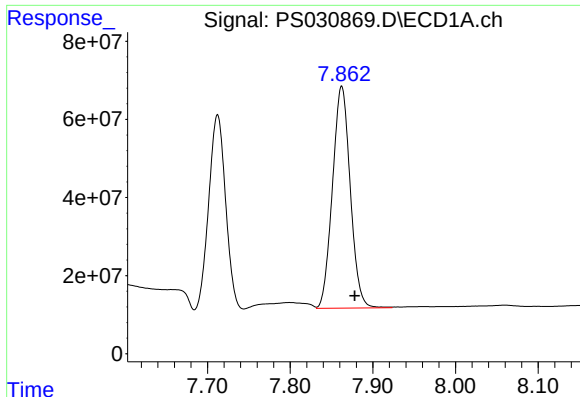
#6 MCP

R.T.: 7.712 min
Delta R.T.: -0.015 min
Response: 733572492
Conc: 78.14 ug/ml m



#6 MCP

R.T.: 8.069 min
Delta R.T.: -0.007 min
Response: 155566231
Conc: 74.17 ug/ml



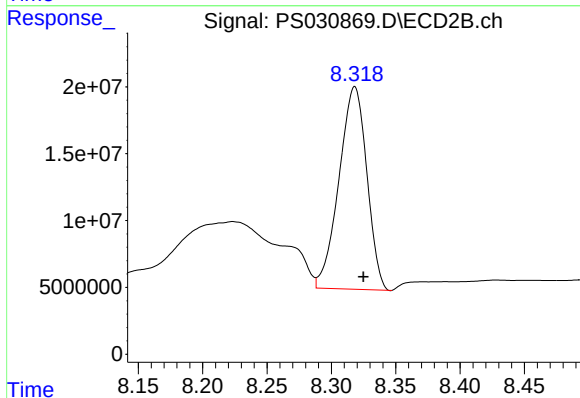
#7 MCPA

R.T.: 7.862 min
Delta R.T.: -0.016 min
Response: 850326457
Conc: 72.49 ug/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

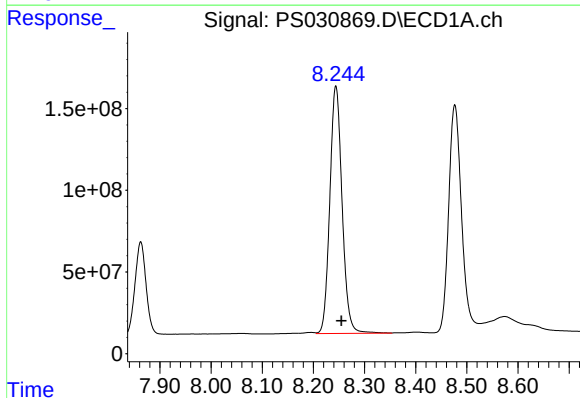
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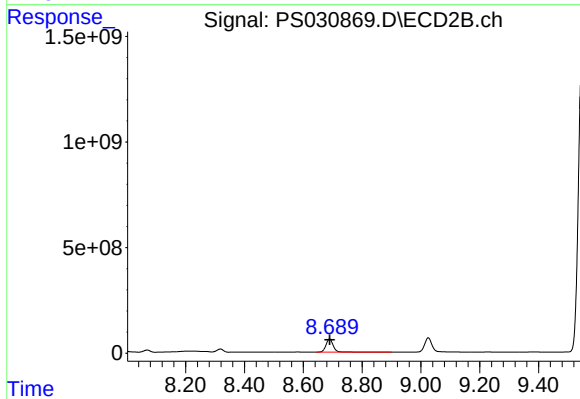
#7 MCPA

R.T.: 8.318 min
Delta R.T.: -0.007 min
Response: 228147914
Conc: 72.53 ug/ml



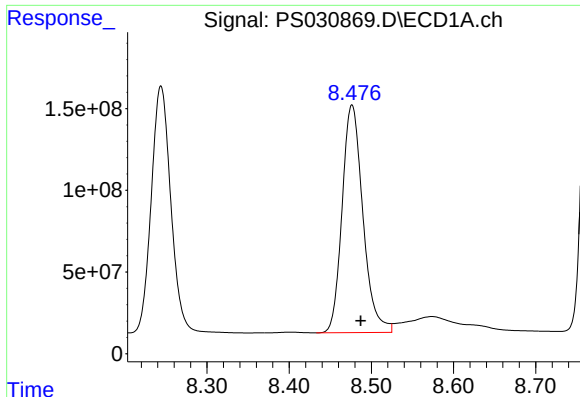
#8 DICHLORPROP

R.T.: 8.244 min
Delta R.T.: -0.010 min
Response: 2523211690
Conc: 673.62 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: 0.000 min
Response: 1038878334
Conc: 660.66 ng/ml



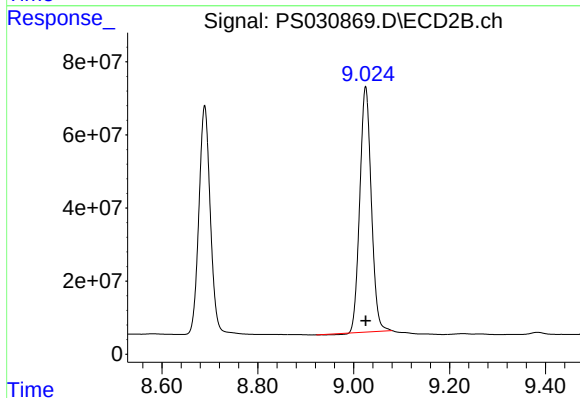
#9 2,4-D

R.T.: 8.477 min
Delta R.T.: -0.010 min
Response: 2454127342
Conc: 712.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

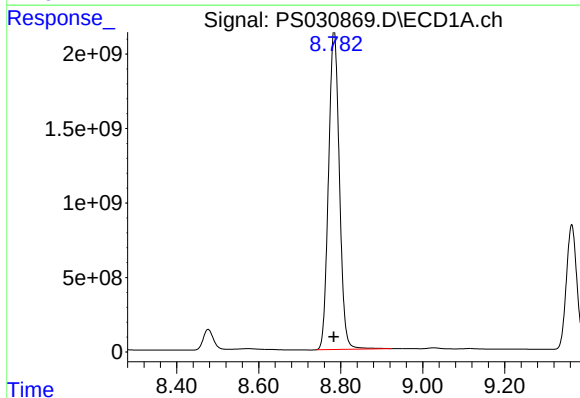
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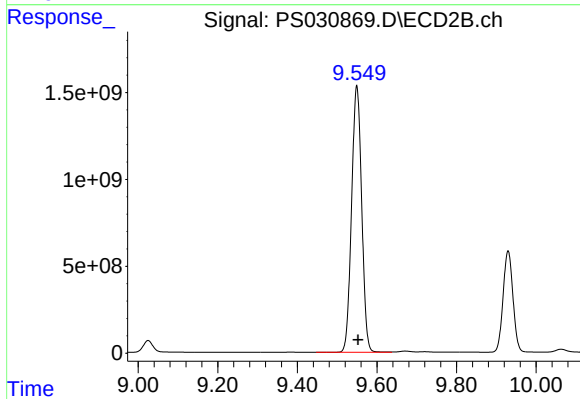
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 1110205887
Conc: 653.29 ng/ml



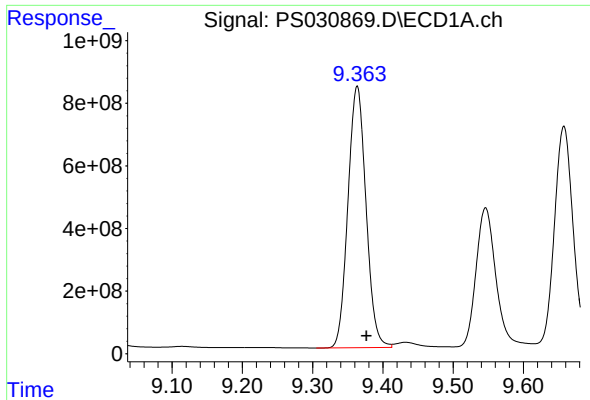
#10 Pentachlorophenol

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 39314681063
Conc: 742.83 ng/ml



#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: -0.004 min
Response: 27020955254
Conc: 708.80 ng/ml



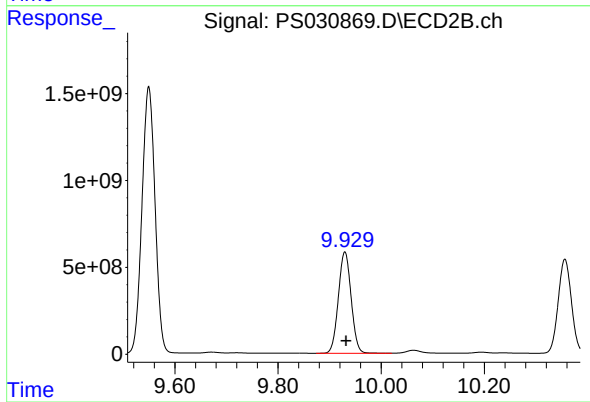
#11 2,4,5-TP (SILVEX)

R.T.: 9.364 min
Delta R.T.: -0.013 min
Response: 14896178861
Conc: 743.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

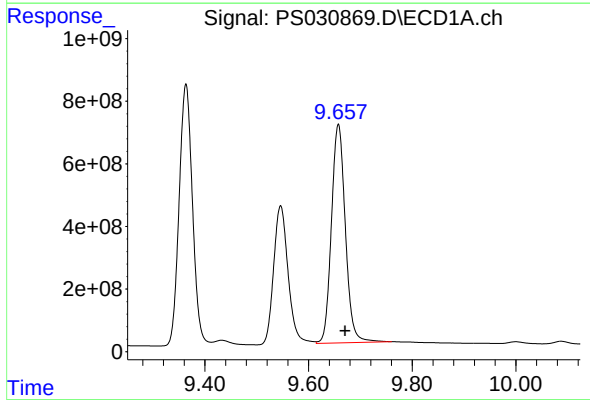
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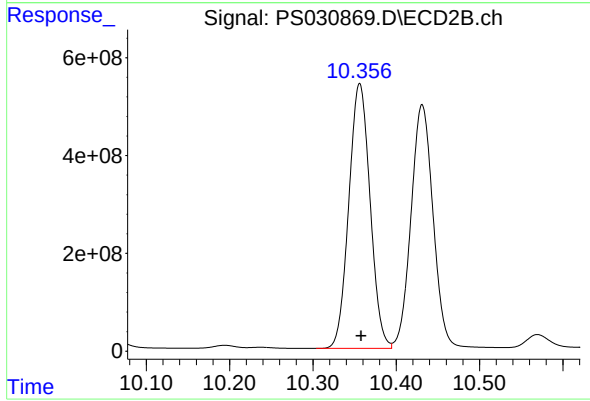
#11 2,4,5-TP (SILVEX)

R.T.: 9.930 min
Delta R.T.: -0.002 min
Response: 10019940105
Conc: 694.44 ng/ml



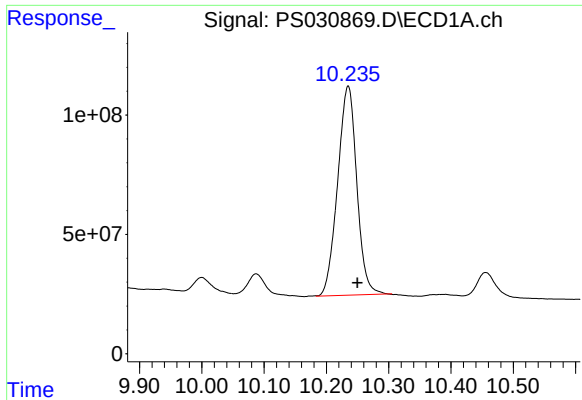
#12 2,4,5-T

R.T.: 9.658 min
Delta R.T.: -0.013 min
Response: 13020002676
Conc: 791.34 ng/ml



#12 2,4,5-T

R.T.: 10.356 min
Delta R.T.: -0.002 min
Response: 9604495781
Conc: 702.87 ng/ml



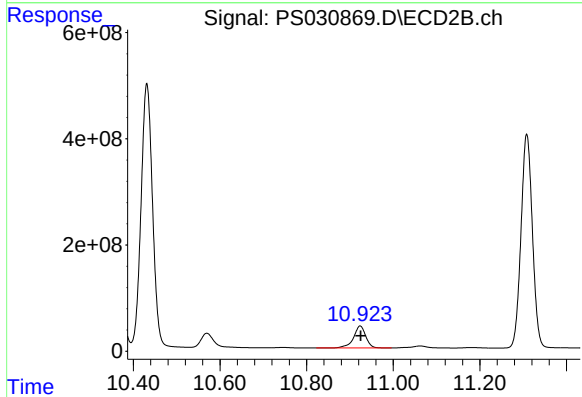
#13 2,4-DB

R.T.: 10.235 min
Delta R.T.: -0.015 min
Response: 1871689868
Conc: 816.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

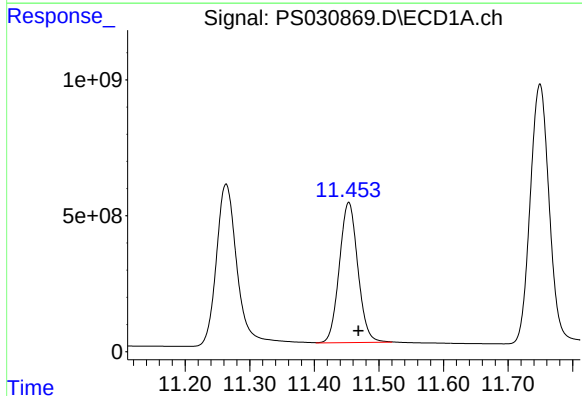
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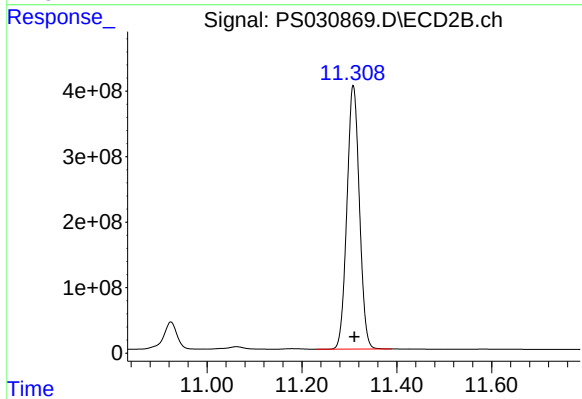
#13 2,4-DB

R.T.: 10.924 min
Delta R.T.: -0.001 min
Response: 814695545
Conc: 688.73 ng/ml



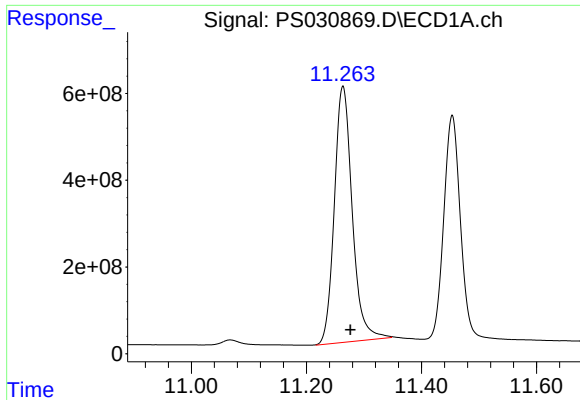
#14 DINOSEB

R.T.: 11.453 min
Delta R.T.: -0.015 min
Response: 10266005295
Conc: 739.99 ng/ml m



#14 DINOSEB

R.T.: 11.308 min
Delta R.T.: -0.003 min
Response: 7349227315
Conc: 681.67 ng/ml



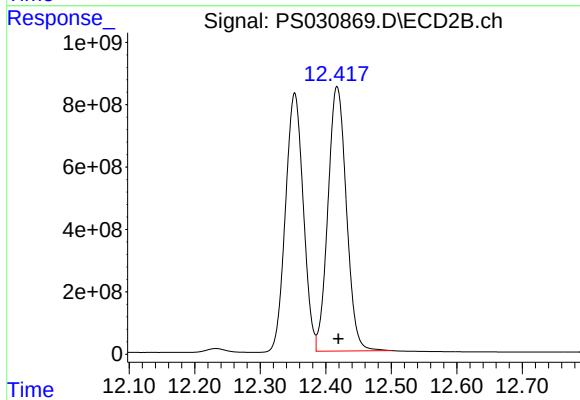
#15 Picloram

R.T.: 11.263 min
Delta R.T.: -0.013 min
Response: 12775498456
Conc: 794.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

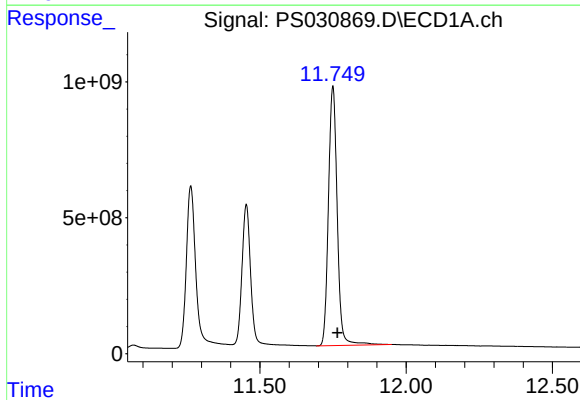
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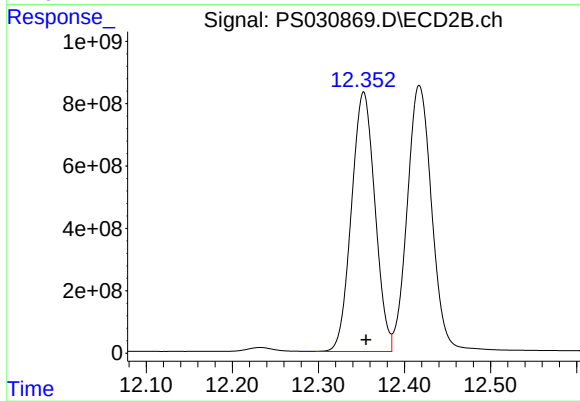
#15 Picloram

R.T.: 12.417 min
Delta R.T.: -0.002 min
Response: 16583247048
Conc: 713.52 ng/ml



#16 DCPA

R.T.: 11.749 min
Delta R.T.: -0.016 min
Response: 19915454058
Conc: 777.45 ng/ml



#16 DCPA

R.T.: 12.352 min
Delta R.T.: -0.003 min
Response: 15781773047
Conc: 715.96 ng/ml m