

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
 Data File : PS030473.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2025 00:59
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/03/2025
 Supervised By : mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 03:28:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 02 12:26:05 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 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
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System Monitoring Compounds

4) S	2,4-DCAA	6.733	7.301	2935.0E6	949.6E6	724.265	746.252
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Target Compounds

1) T	Dalapon	2.311	2.408	4309.2E6	2259.5E6	647.809	650.409
2) T	3,5-DICHL...	5.966	6.319	4068.5E6	1250.0E6	676.621	702.634
3) T	4-Nitroph...	6.526	6.839	1595.8E6	1101.9E6	685.600	686.959
5) T	DICAMBA	6.903	7.481	11989.5E6	5651.0E6	693.604	714.409
6) T	MCPD	7.084	7.593	779.6E6	213.8E6	70.539	70.814
7) T	MCPA	7.223	7.820	993.5E6	280.2E6	70.162	69.160
8) T	DICHLORPROP	7.569	8.166	2827.6E6	1319.9E6	684.278	700.068
9) T	2,4-D	7.784	8.475	3060.2E6	1446.1E6	699.736	705.972
10) T	Pentachlo...	8.052	8.962	42453.3E6	29479.1E6	725.634	737.069
11) T	2,4,5-TP ...	8.607	9.343	17312.7E6	11759.4E6	703.283	718.509
12) T	2,4,5-T	8.884	9.743	16076.4E6	10697.3E6	719.320	724.504
13) T	2,4-DB	9.432	10.295	2612.5E6	979.1E6	745.589	712.366
14) T	DINOSEB	10.572	10.663	12815.1E6	7941.9E6	687.256	700.532
15) T	Picloram	10.393	11.681	20463.5E6	17523.3E6	744.342	700.527m
16) T	DCPA	10.872	11.679	21757.9E6	14764.7E6	709.028	673.084m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030473.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2025 00:59
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

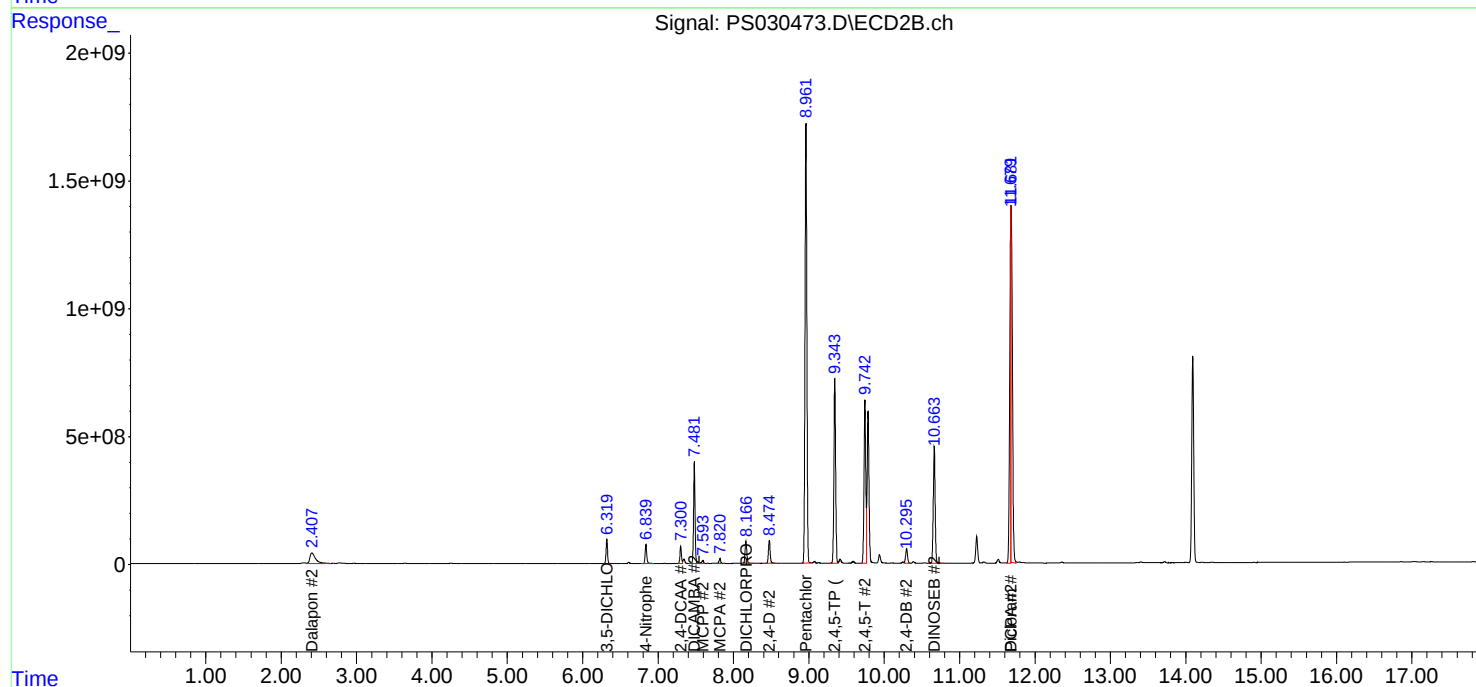
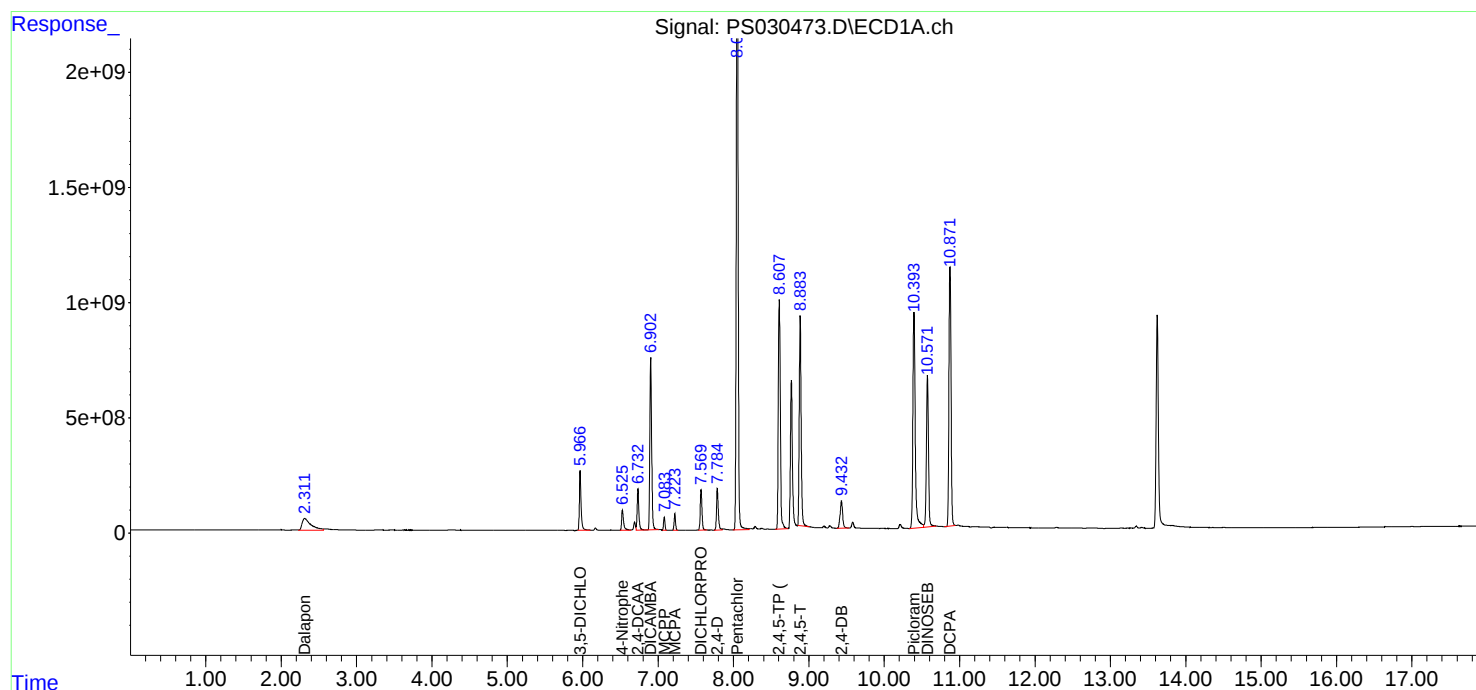
APPROVED

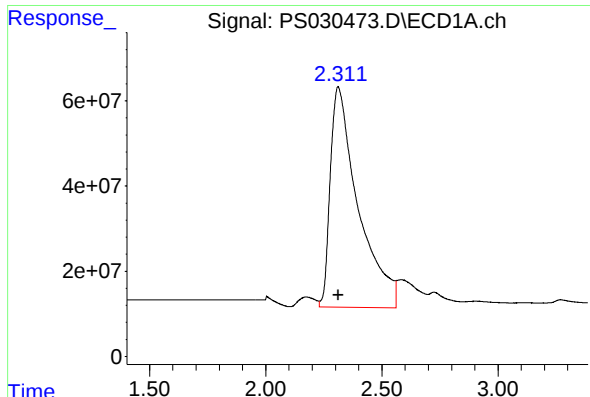
Reviewed By :Abdul Mirza 06/03/2025

Supervised By :mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 03 03:28:30 2025
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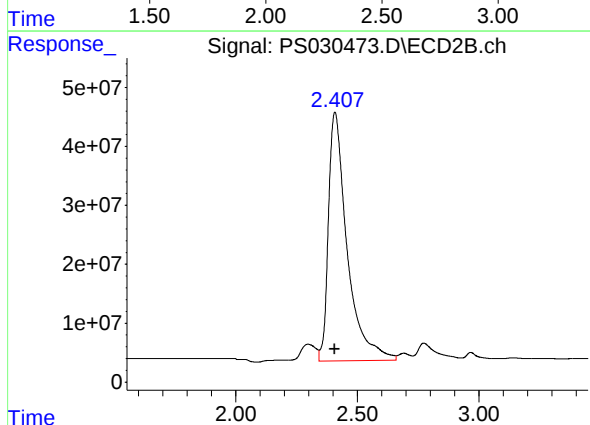
#1 Dalapon

R.T.: 2.311 min
Delta R.T.: 0.000 min
Response: 4309183449
Conc: 647.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

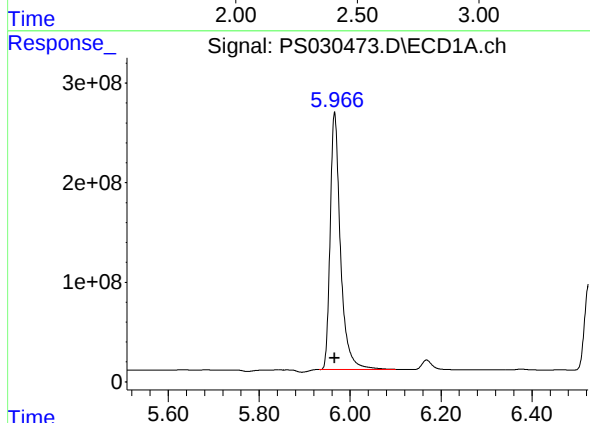
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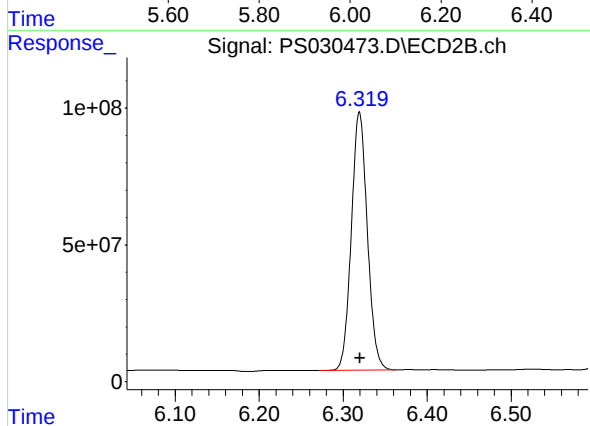
#1 Dalapon

R.T.: 2.408 min
Delta R.T.: 0.000 min
Response: 2259548169
Conc: 650.41 ng/ml



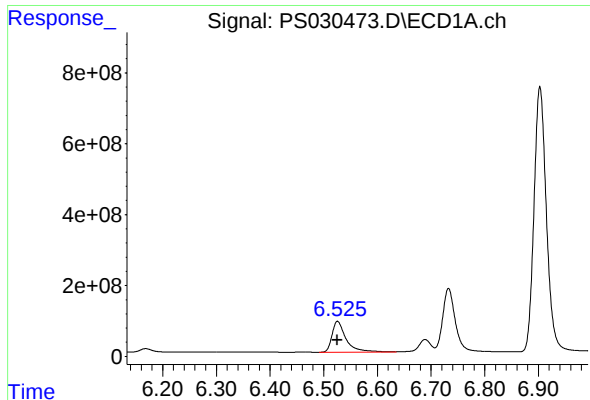
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 4068475113
Conc: 676.62 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 1249983393
Conc: 702.63 ng/ml



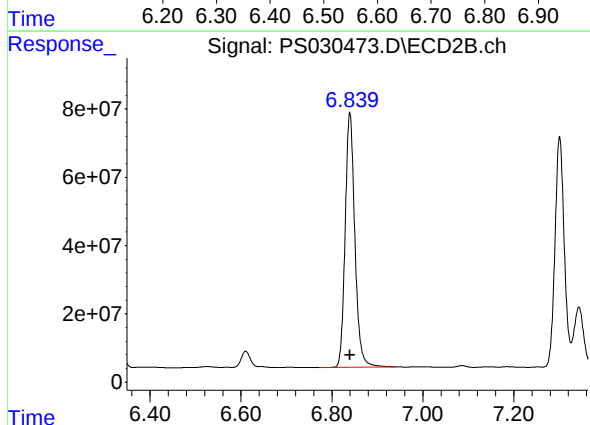
#3 4-Nitrophenol

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 1595824165
Conc: 685.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

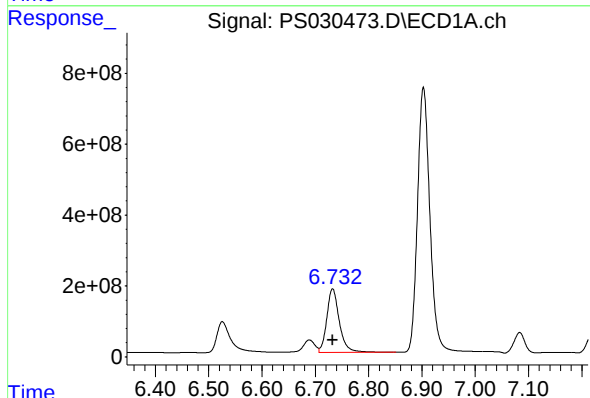
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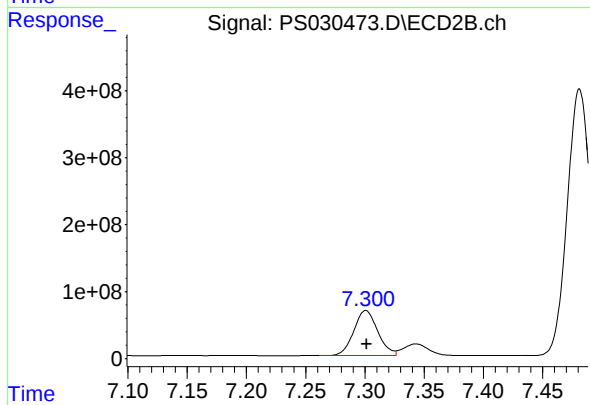
#3 4-Nitrophenol

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 1101892237
Conc: 686.96 ng/ml



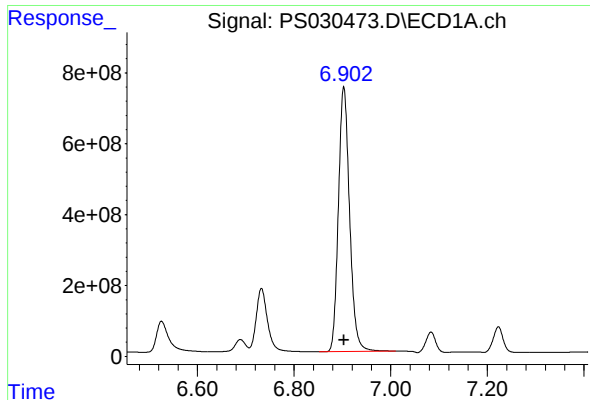
#4 2,4-DCAA

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 2935026559
Conc: 724.26 ng/ml



#4 2,4-DCAA

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 949579809
Conc: 746.25 ng/ml



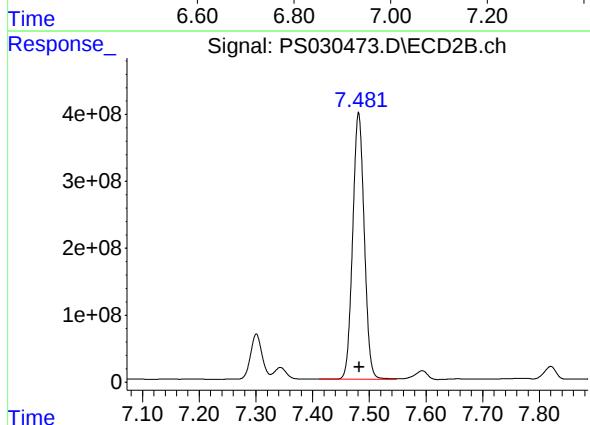
#5 DICAMBA

R.T.: 6.903 min
Delta R.T.: 0.000 min
Response: 11989543341
Conc: 693.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

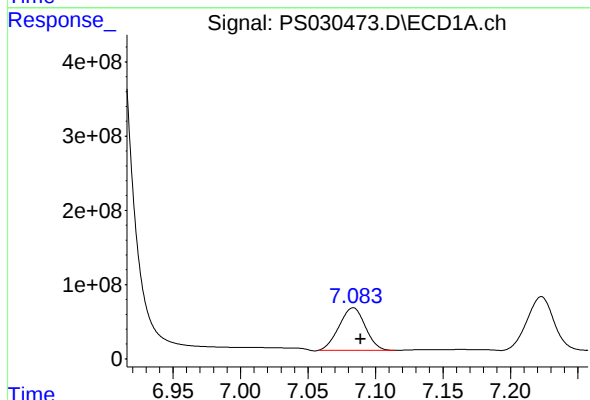
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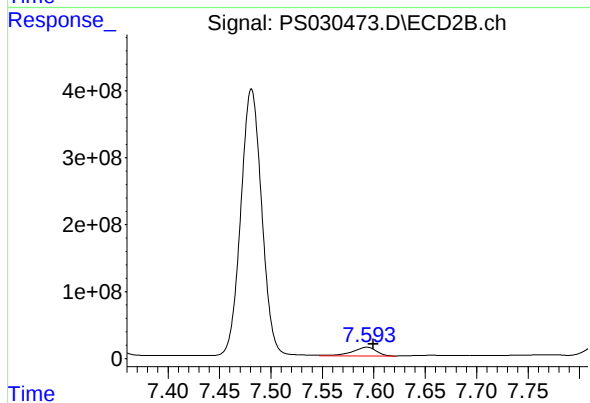
#5 DICAMBA

R.T.: 7.481 min
Delta R.T.: -0.001 min
Response: 5650961644
Conc: 714.41 ng/ml



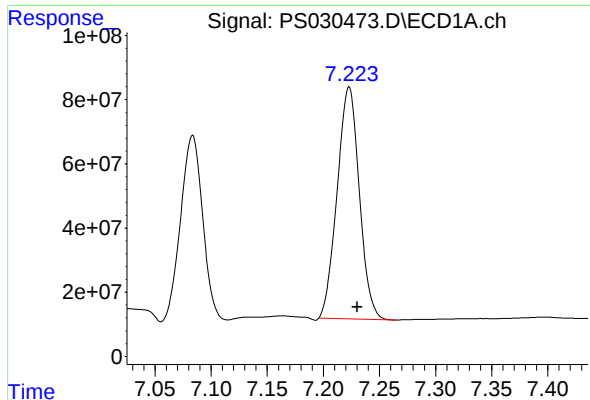
#6 MCPP

R.T.: 7.084 min
Delta R.T.: -0.005 min
Response: 779571607
Conc: 70.54 ug/ml



#6 MCPP

R.T.: 7.593 min
Delta R.T.: -0.006 min
Response: 213758069
Conc: 70.81 ug/ml



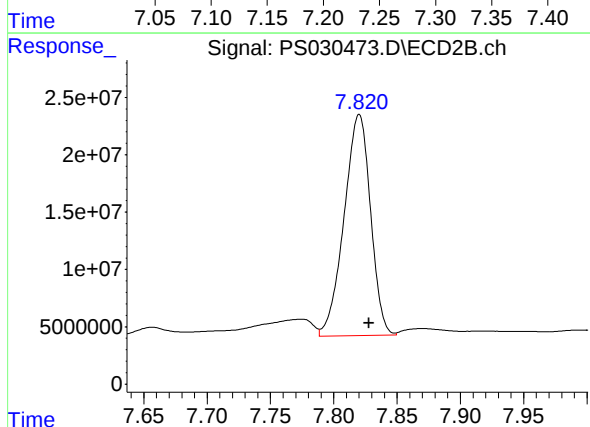
#7 MCPA

R.T.: 7.223 min
Delta R.T.: -0.007 min
Response: 993461748
Conc: 70.16 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

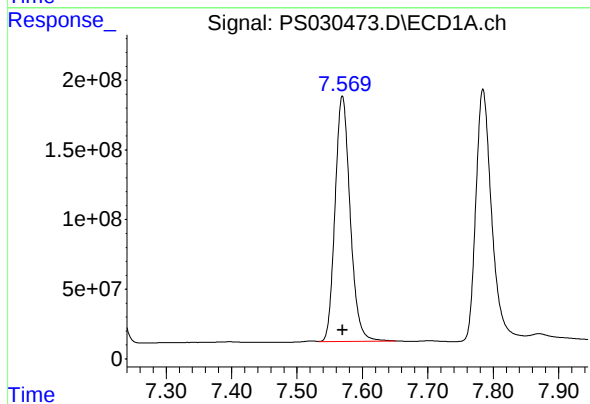
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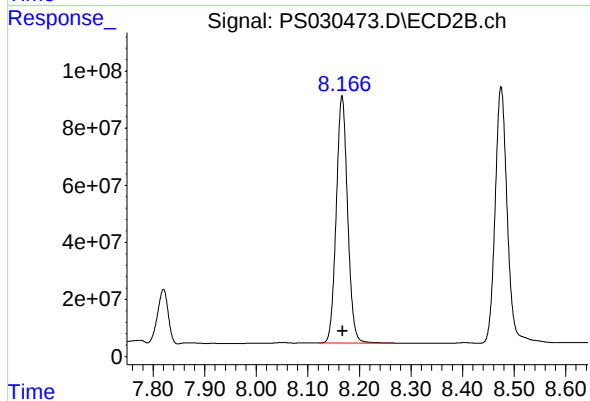
#7 MCPA

R.T.: 7.820 min
Delta R.T.: -0.008 min
Response: 280231465
Conc: 69.16 ug/ml



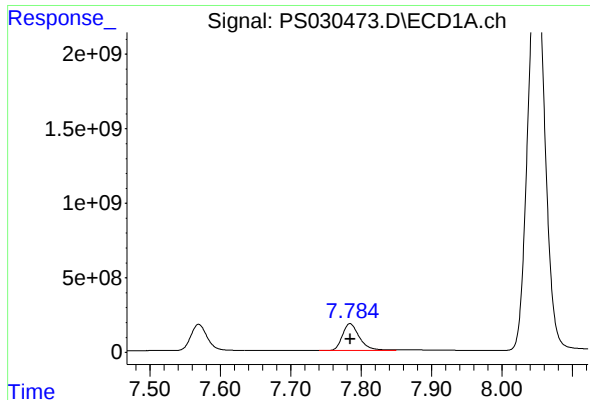
#8 DICHLORPROP

R.T.: 7.569 min
Delta R.T.: 0.000 min
Response: 2827556172
Conc: 684.28 ng/ml



#8 DICHLORPROP

R.T.: 8.166 min
Delta R.T.: -0.001 min
Response: 1319946201
Conc: 700.07 ng/ml



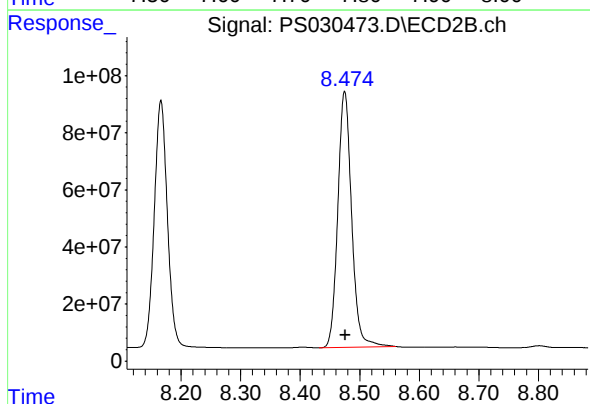
#9 2,4-D

R.T.: 7.784 min
Delta R.T.: 0.000 min
Response: 3060174171
Conc: 699.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

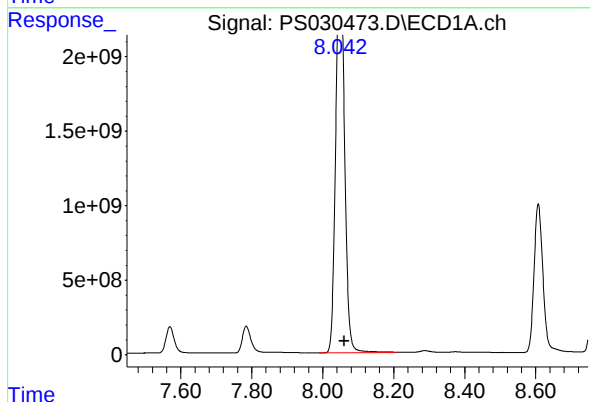
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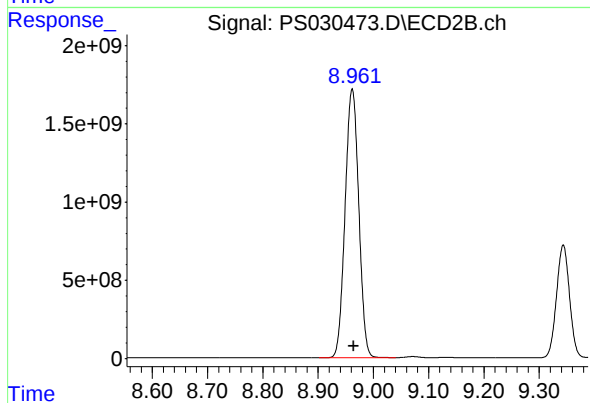
#9 2,4-D

R.T.: 8.475 min
Delta R.T.: -0.001 min
Response: 1446117944
Conc: 705.97 ng/ml



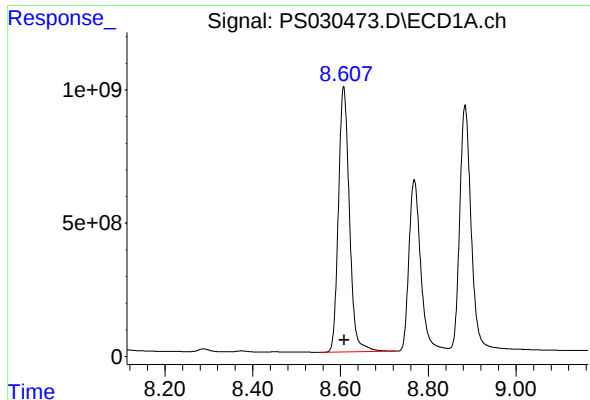
#10 Pentachlorophenol

R.T.: 8.052 min
Delta R.T.: -0.009 min
Response: 42453262936
Conc: 725.63 ng/ml



#10 Pentachlorophenol

R.T.: 8.962 min
Delta R.T.: -0.003 min
Response: 29479145354
Conc: 737.07 ng/ml



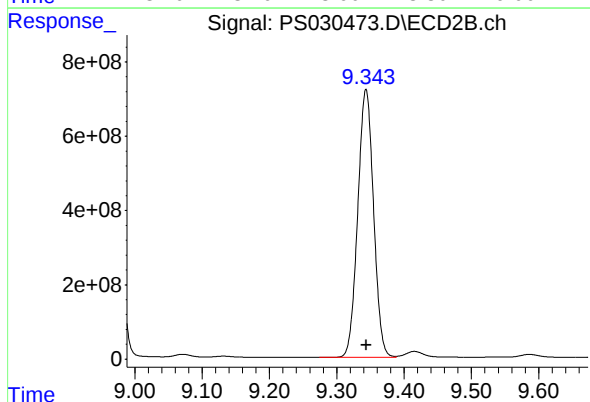
#11 2,4,5-TP (SILVEX)

R.T.: 8.607 min
Delta R.T.: -0.002 min
Response: 17312670924
Conc: 703.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

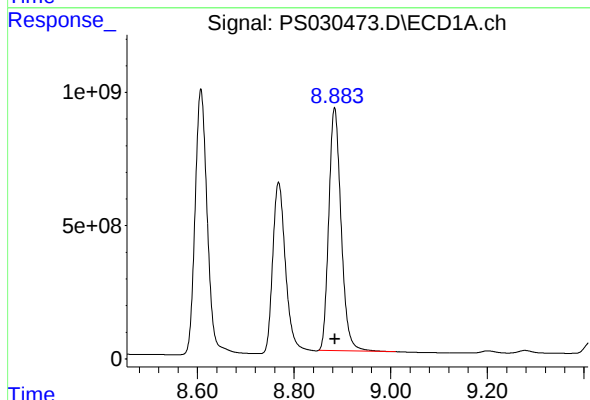
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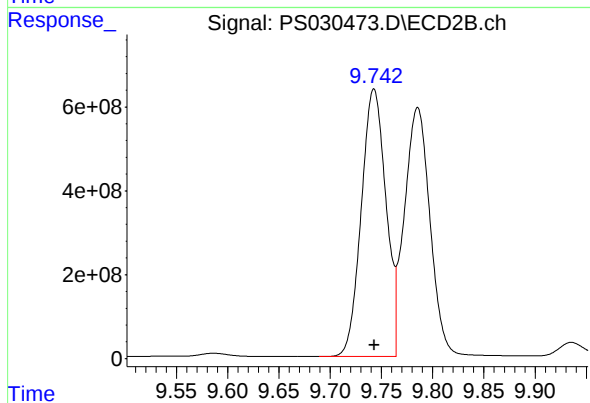
#11 2,4,5-TP (SILVEX)

R.T.: 9.343 min
Delta R.T.: 0.000 min
Response: 11759377581
Conc: 718.51 ng/ml



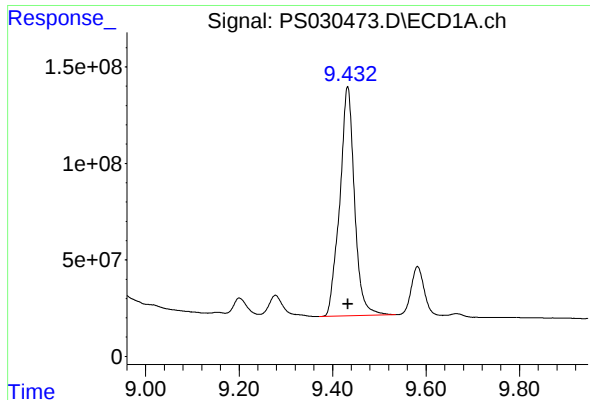
#12 2,4,5-T

R.T.: 8.884 min
Delta R.T.: -0.001 min
Response: 16076384154
Conc: 719.32 ng/ml



#12 2,4,5-T

R.T.: 9.743 min
Delta R.T.: 0.000 min
Response: 10697279754
Conc: 724.50 ng/ml



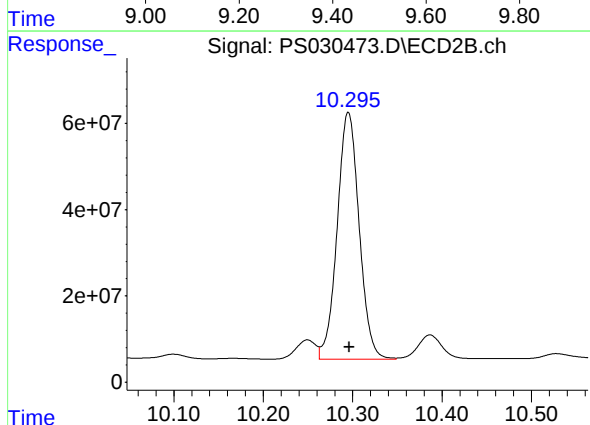
#13 2,4-DB

R.T.: 9.432 min
Delta R.T.: 0.000 min
Response: 2612479573
Conc: 745.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

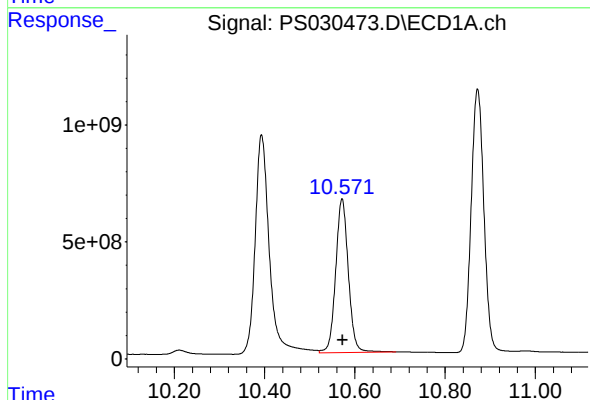
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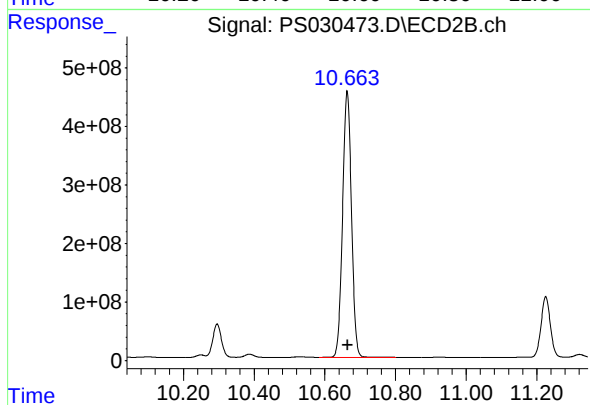
#13 2,4-DB

R.T.: 10.295 min
Delta R.T.: 0.000 min
Response: 979077154
Conc: 712.37 ng/ml



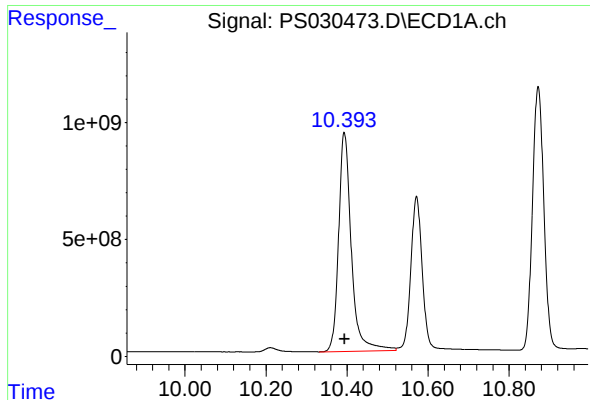
#14 DINOSEB

R.T.: 10.572 min
Delta R.T.: -0.002 min
Response: 12815096877
Conc: 687.26 ng/ml



#14 DINOSEB

R.T.: 10.663 min
Delta R.T.: 0.000 min
Response: 7941906913
Conc: 700.53 ng/ml



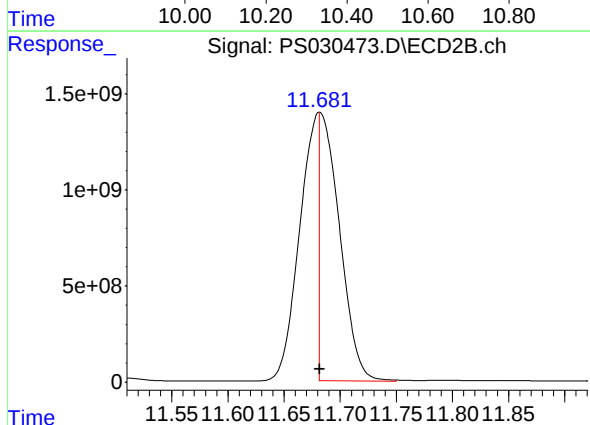
#15 Picloram

R.T.: 10.393 min
Delta R.T.: -0.001 min
Response: 20463462344
Conc: 744.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
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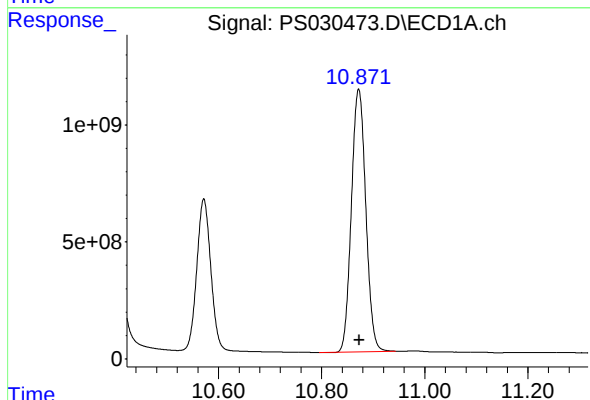
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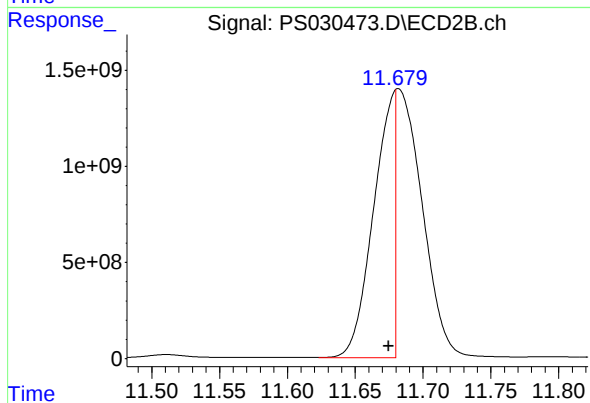
#15 Picloram

R.T.: 11.681 min
Delta R.T.: 0.000 min
Response: 17523252098
Conc: 700.53 ng/ml m



#16 DCPA

R.T.: 10.872 min
Delta R.T.: -0.002 min
Response: 21757882429
Conc: 709.03 ng/ml



#16 DCPA

R.T.: 11.679 min
Delta R.T.: 0.005 min
Response: 14764720648
Conc: 673.08 ng/ml m