

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
 Data File : PS031260.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2025 07:07
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2025
 Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 07:35:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.321	7.766	2061.7E6	414.2E6	474.152	408.082
Target Compounds							
1) T	Dalapon	2.687	2.706	3315.6E6	1568.6E6	528.562	552.971m
2) T	3,5-DICHL...	6.481	6.713	4423.0E6	1075.1E6	800.873m	698.152
3) T	4-Nitroph...	7.119	7.300	706.4E6	888.3E6	428.441	490.946
5) T	DICAMBA	7.510	7.968	11021.5E6	4728.0E6	668.095	732.644
6) T	MCPD	7.691	8.076	639.8E6	572.9E6	63.915	275.734m#
7) T	MCPA	7.841	8.316	625.0E6	139.6E6	49.940	44.239
8) T	DICHLORPROP	8.220	8.687	2256.7E6	703.9E6	590.458m	464.664m
9) T	2,4-D	8.452	9.024	2096.1E6	500.3E6	561.210m	294.607 #
10) T	Pentachlo...	8.758	9.546	40279.7E6	29810.6E6	737.432	762.786
11) T	2,4,5-TP ...	9.337	9.928	15807.8E6	10136.4E6	720.057	680.560m
12) T	2,4,5-T	9.630	10.354	14384.4E6	9933.9E6	736.613	698.612
13) T	2,4-DB	10.207	10.923	2101.2E6	162.1E6	702.765	138.528 #
14) T	DINOSEB	11.420	11.307	8524.7E6	6017.2E6	547.528	532.394
15) T	Picloram	11.232	12.419	13030.3E6	17489.1E6	651.300	702.513
16) T	DCPA	11.717	12.352	20101.9E6	15229.4E6	700.573	661.111

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

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Acq On : 25 Jul 2025 07:07
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

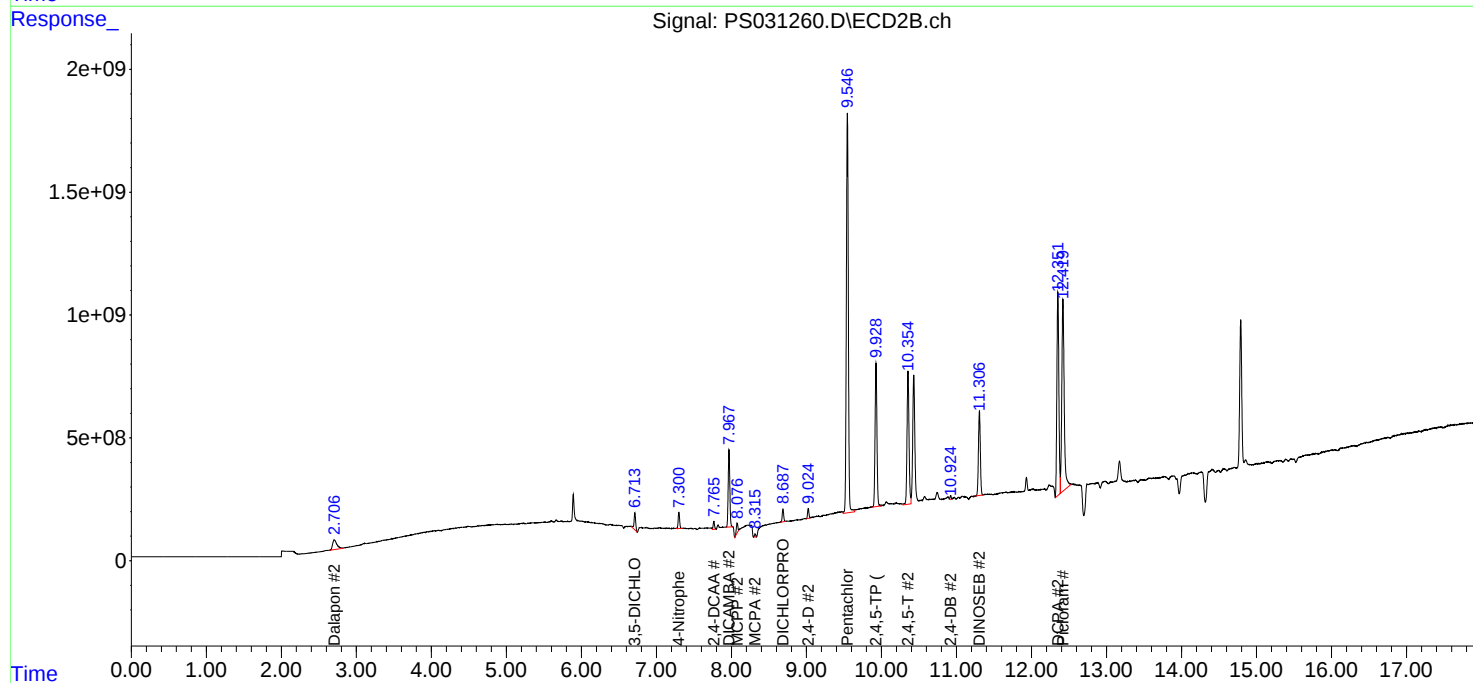
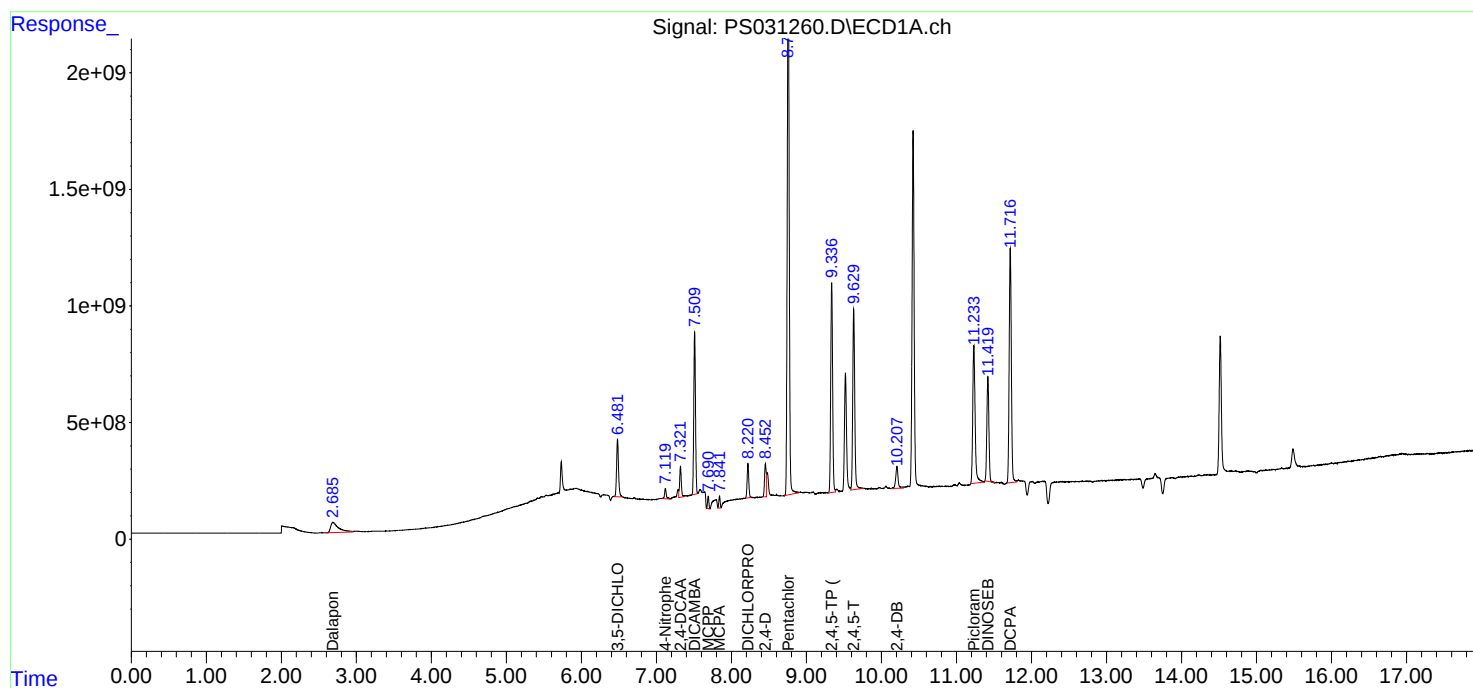
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

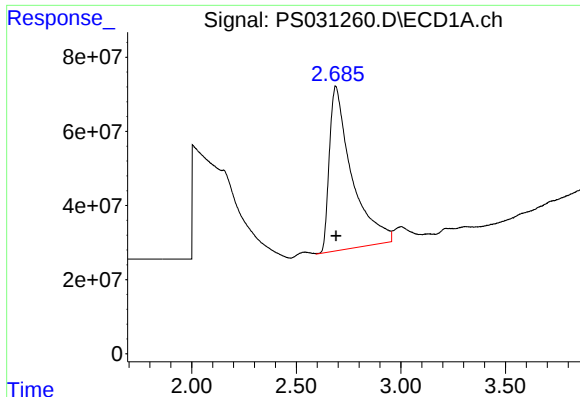
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





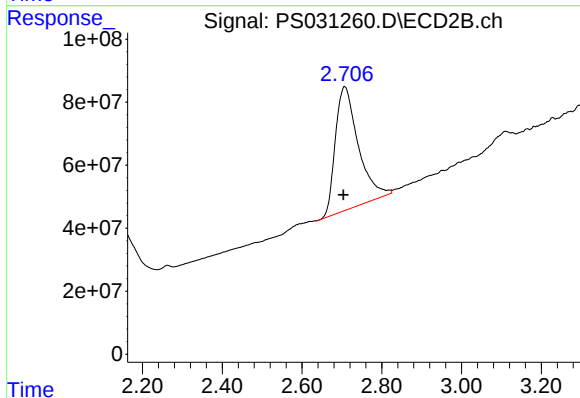
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: -0.003 min
Response: 3315616280
Conc: 528.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

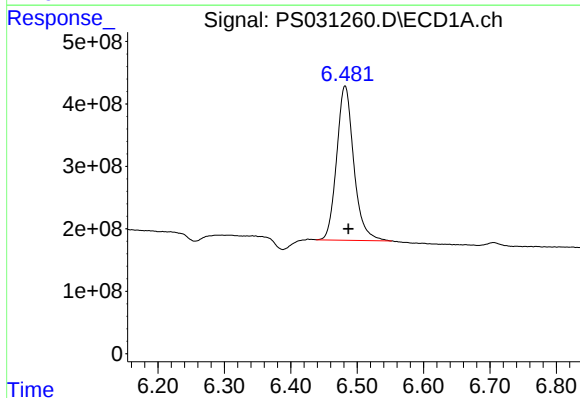
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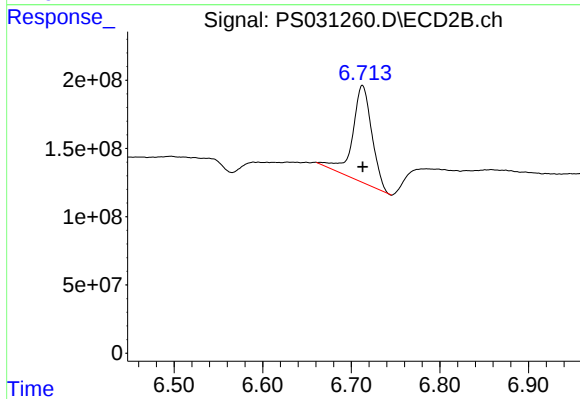
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: 0.002 min
Response: 1568634448
Conc: 552.97 ng/ml m



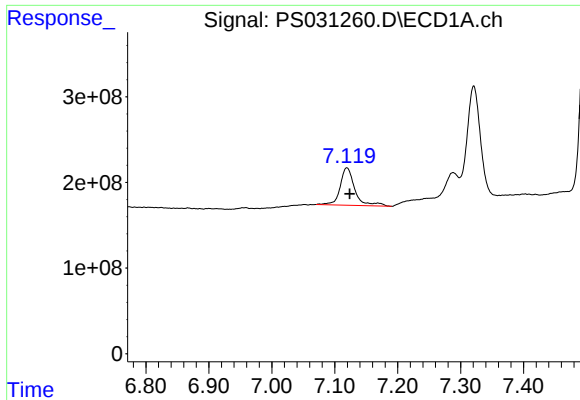
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.481 min
Delta R.T.: -0.006 min
Response: 4423022107
Conc: 800.87 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 1075080990
Conc: 698.15 ng/ml



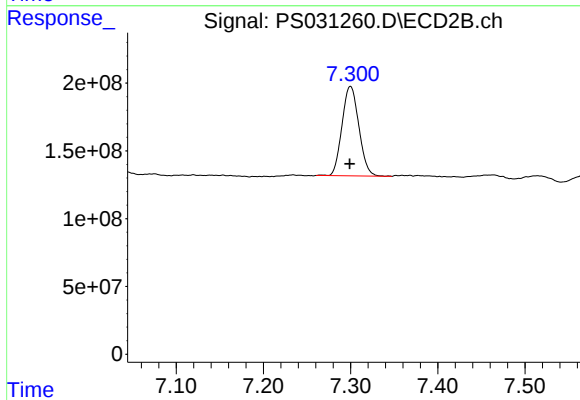
#3 4-Nitrophenol

R.T.: 7.119 min
Delta R.T.: -0.005 min
Response: 706406592
Conc: 428.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

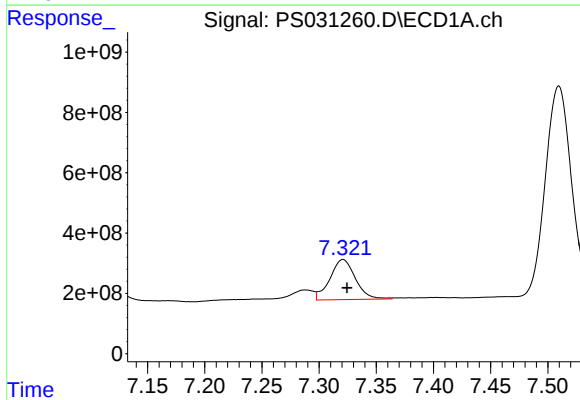
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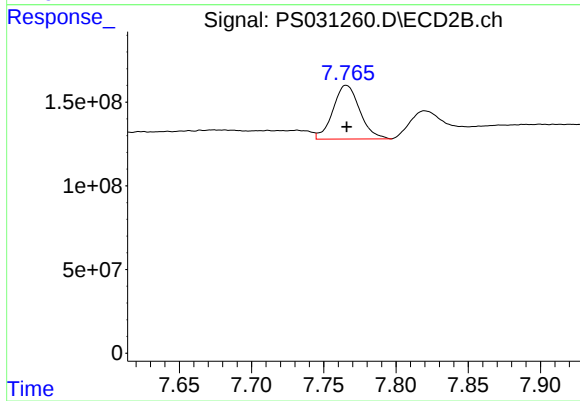
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 888276633
Conc: 490.95 ng/ml



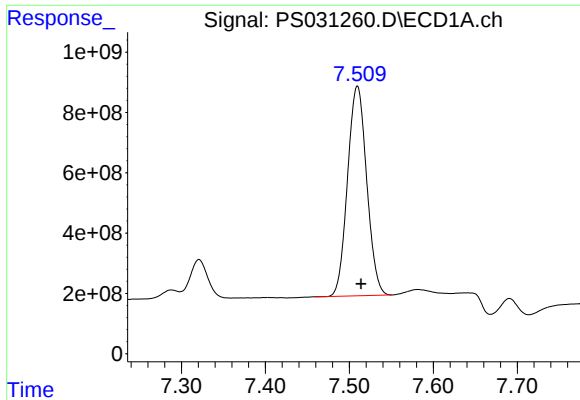
#4 2,4-DCAA

R.T.: 7.321 min
Delta R.T.: -0.004 min
Response: 2061734486
Conc: 474.15 ng/ml



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: 0.000 min
Response: 414189983
Conc: 408.08 ng/ml



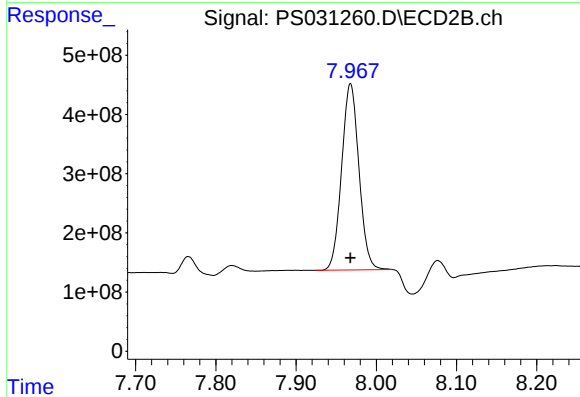
#5 DICAMBA

R.T.: 7.510 min
Delta R.T.: -0.004 min
Response: 11021542186
Conc: 668.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

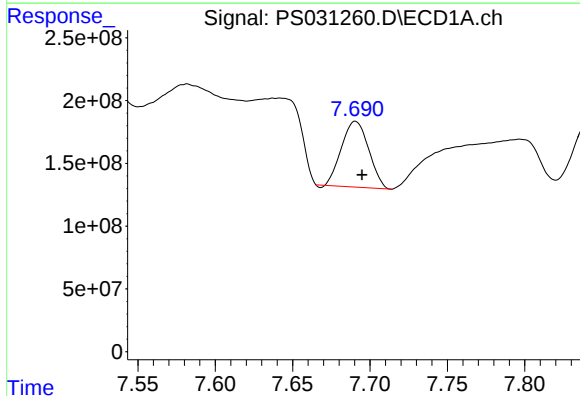
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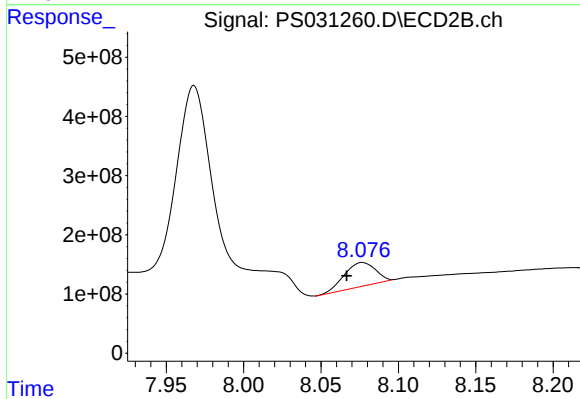
#5 DICAMBA

R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 4728022259
Conc: 732.64 ng/ml



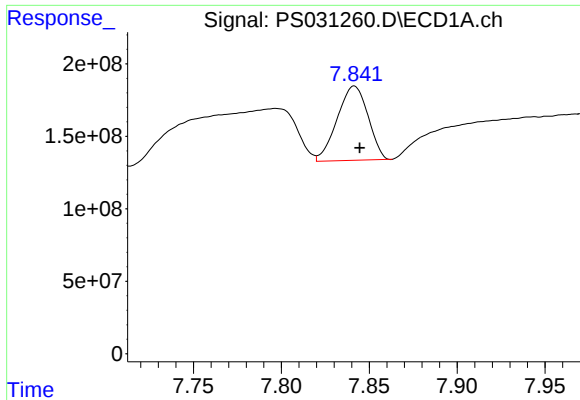
#6 MCP

R.T.: 7.691 min
Delta R.T.: -0.004 min
Response: 639795337
Conc: 63.92 ug/ml



#6 MCP

R.T.: 8.076 min
Delta R.T.: 0.009 min
Response: 572921845
Conc: 275.73 ug/ml m



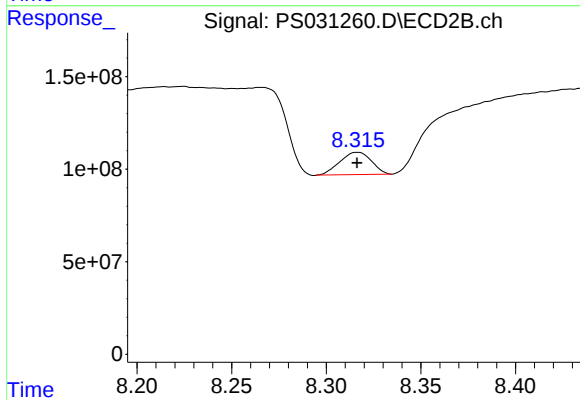
#7 MCPA

R.T.: 7.841 min
Delta R.T.: -0.003 min
Response: 624955854
Conc: 49.94 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

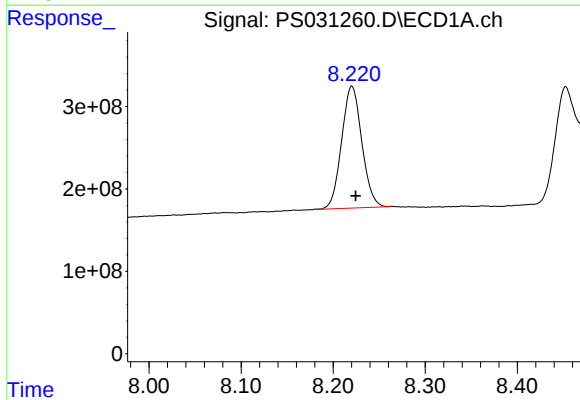
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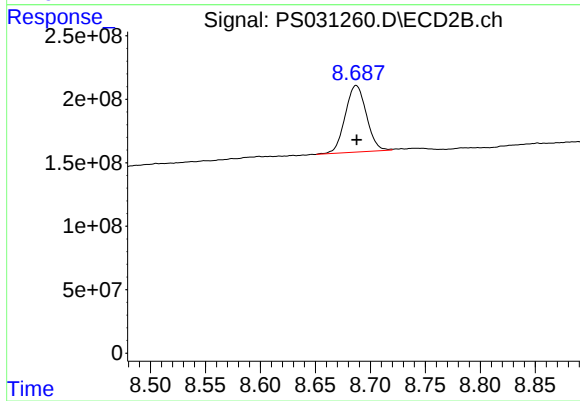
#7 MCPA

R.T.: 8.316 min
Delta R.T.: 0.000 min
Response: 139583886
Conc: 44.24 ug/ml



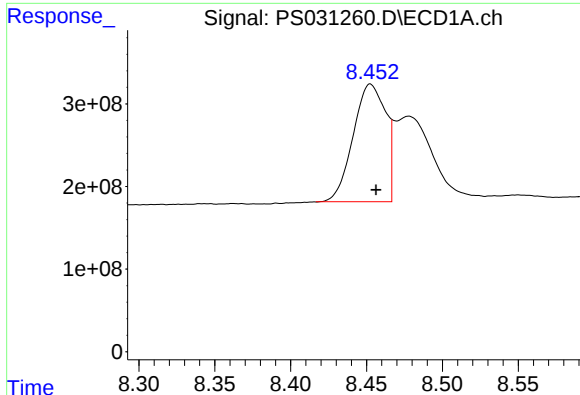
#8 DICHLORPROP

R.T.: 8.220 min
Delta R.T.: -0.005 min
Response: 2256702578
Conc: 590.46 ng/ml m



#8 DICHLORPROP

R.T.: 8.687 min
Delta R.T.: 0.000 min
Response: 703901466
Conc: 464.66 ng/ml m



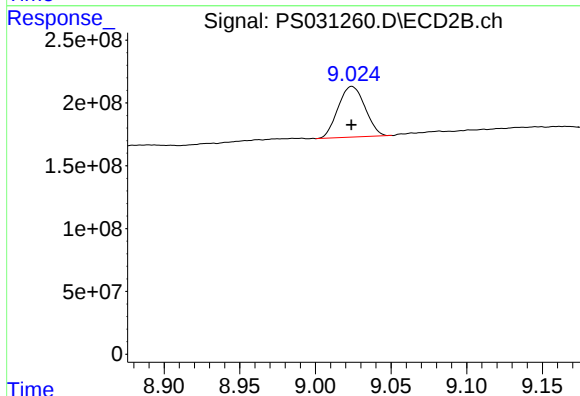
#9 2,4-D

R.T.: 8.452 min
Delta R.T.: -0.004 min
Response: 2096071691
Conc: 561.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

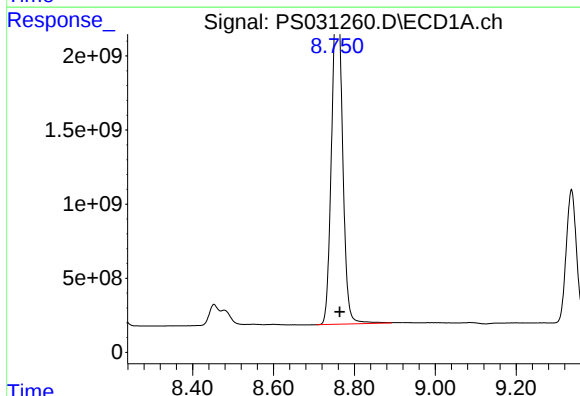
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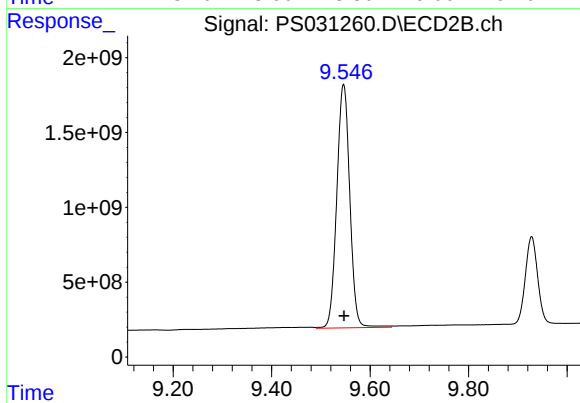
#9 2,4-D

R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 500337003
Conc: 294.61 ng/ml



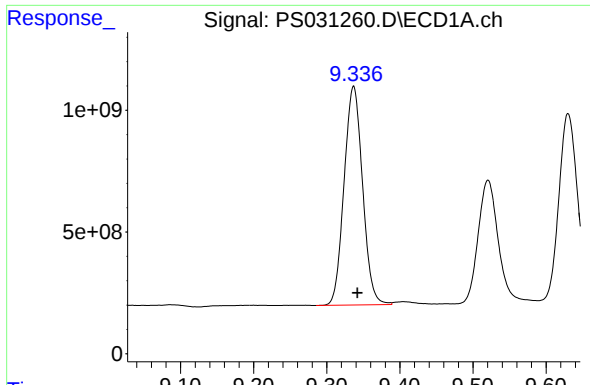
#10 Pentachlorophenol

R.T.: 8.758 min
Delta R.T.: -0.006 min
Response: 40279653810
Conc: 737.43 ng/ml



#10 Pentachlorophenol

R.T.: 9.546 min
Delta R.T.: -0.001 min
Response: 29810611881
Conc: 762.79 ng/ml



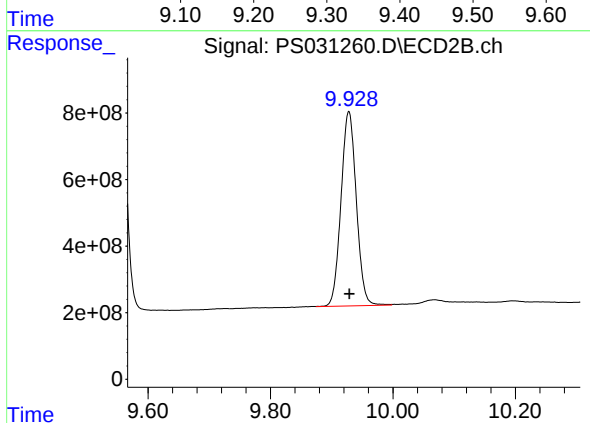
#11 2,4,5-TP (SILVEX)

R.T.: 9.337 min
Delta R.T.: -0.005 min
Response: 15807819050
Conc: 720.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

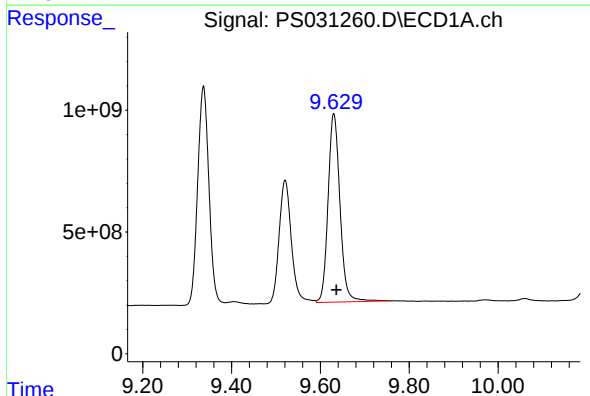
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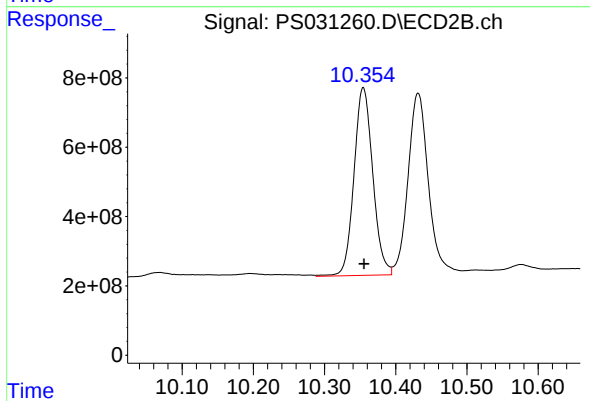
#11 2,4,5-TP (SILVEX)

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 10136384508
Conc: 680.56 ng/ml m



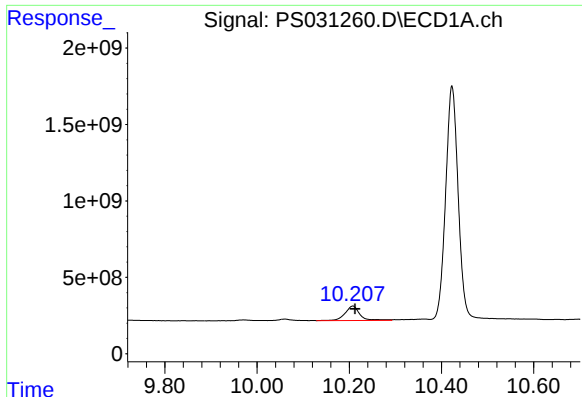
#12 2,4,5-T

R.T.: 9.630 min
Delta R.T.: -0.006 min
Response: 14384425176
Conc: 736.61 ng/ml



#12 2,4,5-T

R.T.: 10.354 min
Delta R.T.: -0.001 min
Response: 9933885218
Conc: 698.61 ng/ml



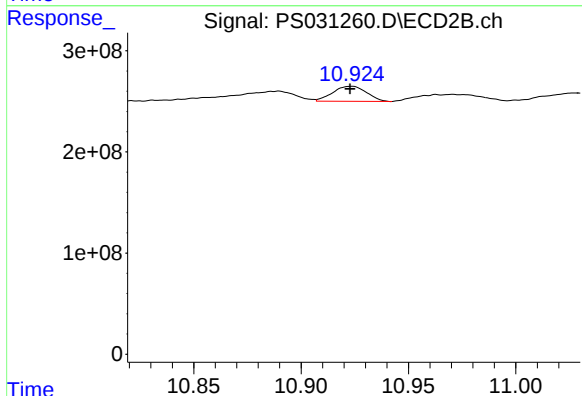
#13 2,4-DB

R.T.: 10.207 min
Delta R.T.: -0.005 min
Response: 2101185494
Conc: 702.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

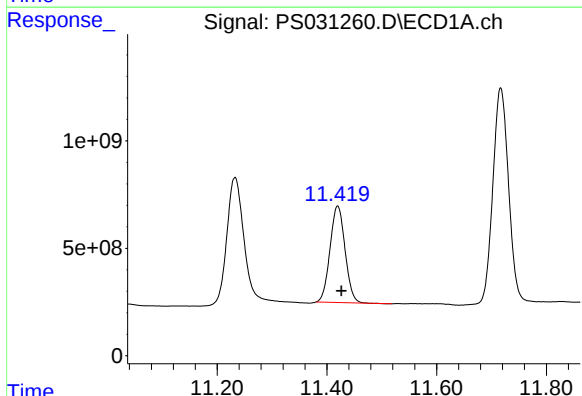
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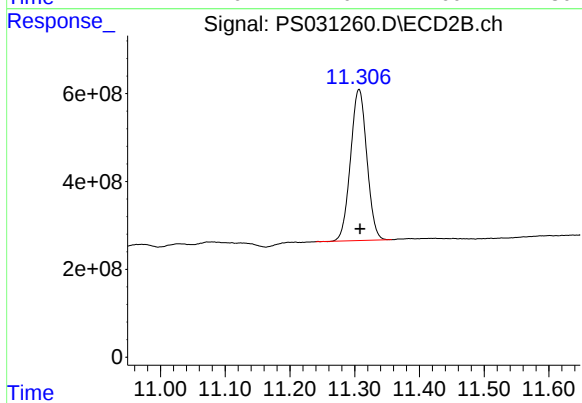
#13 2,4-DB

R.T.: 10.923 min
Delta R.T.: 0.000 min
Response: 162148433
Conc: 138.53 ng/ml



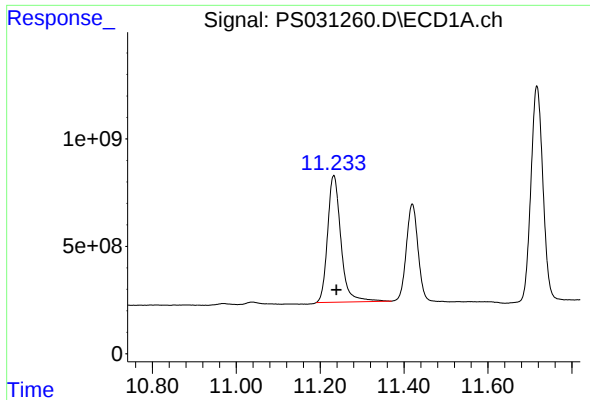
#14 DINOSEB

R.T.: 11.420 min
Delta R.T.: -0.007 min
Response: 8524729269
Conc: 547.53 ng/ml



#14 DINOSEB

R.T.: 11.307 min
Delta R.T.: -0.002 min
Response: 6017165908
Conc: 532.39 ng/ml



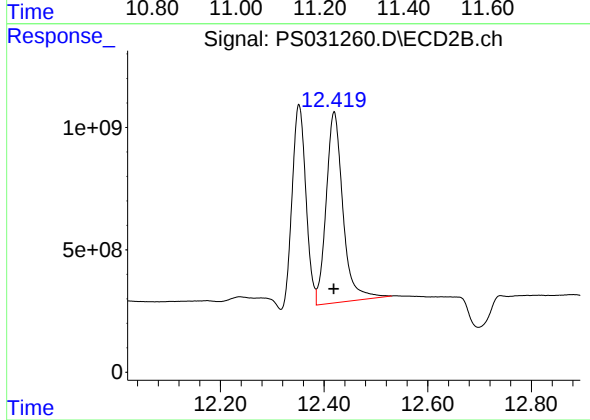
#15 Picloram

R.T.: 11.232 min
Delta R.T.: -0.006 min
Response: 13030285121
Conc: 651.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

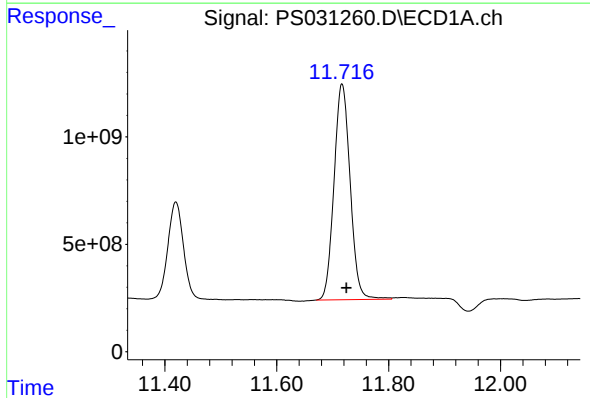
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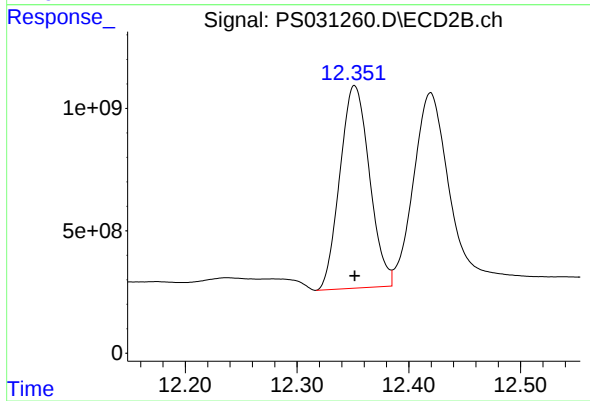
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 17489081658
Conc: 702.51 ng/ml



#16 DCPA

R.T.: 11.717 min
Delta R.T.: -0.008 min
Response: 20101869456
Conc: 700.57 ng/ml



#16 DCPA

R.T.: 12.352 min
Delta R.T.: 0.000 min
Response: 15229371335
Conc: 661.11 ng/ml