

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061125\
 Data File : PS030627.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 12:55
 Operator : AR\AJ
 Sample : Q2266-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-3MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/12/2025
 Supervised By :mohammad ahmed 06/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 02:48:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.356	7.767	2053.2E6	656.3E6	543.882	610.194
Target Compounds							
1) T	Dalapon	2.705	2.703	247.0E6	1666.5E6	43.738m	608.208 #
2) T	3,5-DICHL...	6.514	6.713	986.8E6	287.3E6	181.862m	183.697m
5) T	DICAMBA	7.547	7.970	3216.4E6	1424.7E6	208.553	221.178
6) T	MCP	7.725	8.066	124.3E6	24815279	12.551m	10.735
8) T	DICHLORPROP	8.262	8.689	752.8E6	326.7E6	206.931	220.135
9) T	2,4-D	8.495	9.025	957.2E6	307.7E6	262.702	195.683m#
10) T	Pentachlo...	8.802	9.551	5163.0E6	3325.3E6	101.662m	92.018
11) T	2,4,5-TP ...	9.385	9.940	4443.0E6	8450.7E6	215.000	616.083 #
12) T	2,4,5-T	9.678	10.357	3962.3E6	2832.2E6	214.978	216.912
13) T	2,4-DB	10.260	10.924	100.7E6	39609982	33.175m	34.457m
14) T	DINOSEB	11.479	11.312	156.4E6	137.6E6	10.881	13.687 #
15) T	Picloram	11.285	12.419	2532.1E6	2812.3E6	126.575m	127.346
16) T	DCPA	11.774	12.355	5690.5E6	4651.6E6	215.221	227.318

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

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Acq On : 11 Jun 2025 12:55
Operator : AR\AJ
Sample : Q2266-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

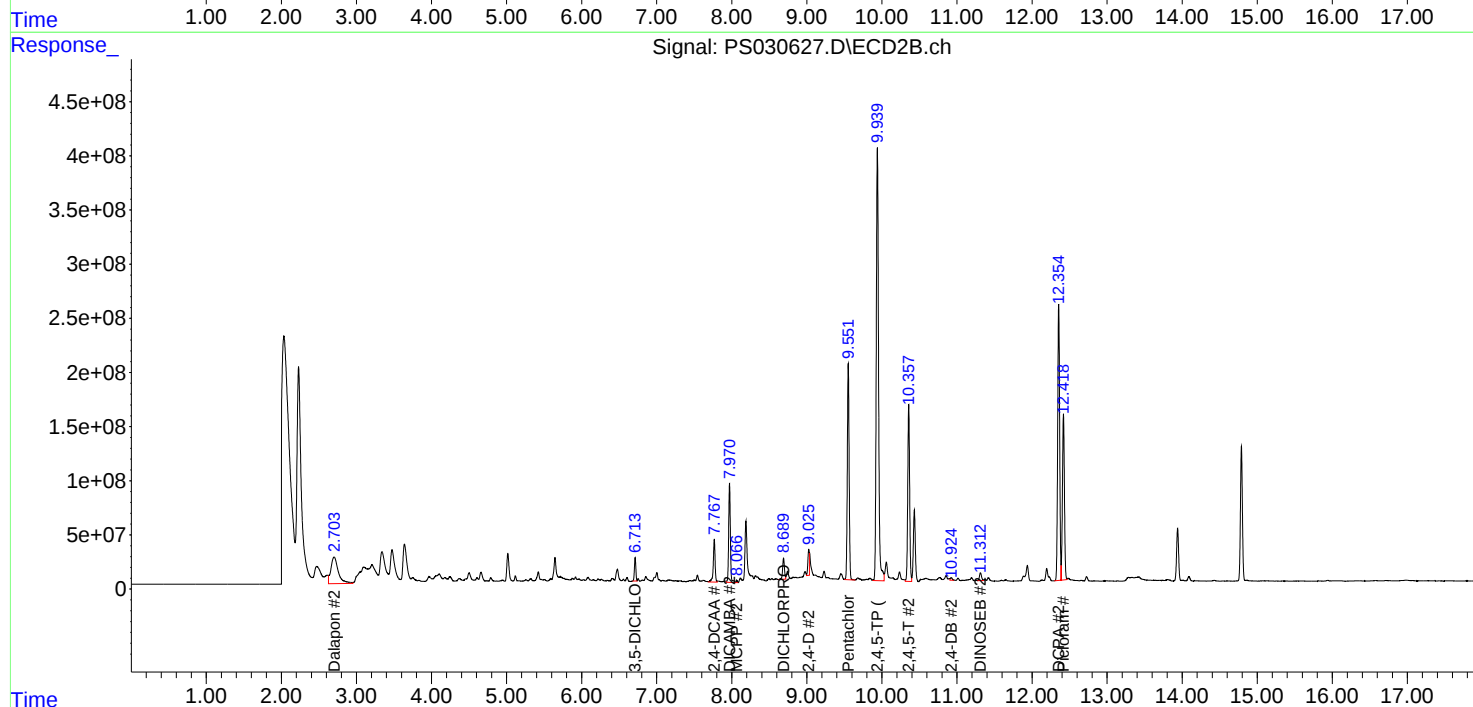
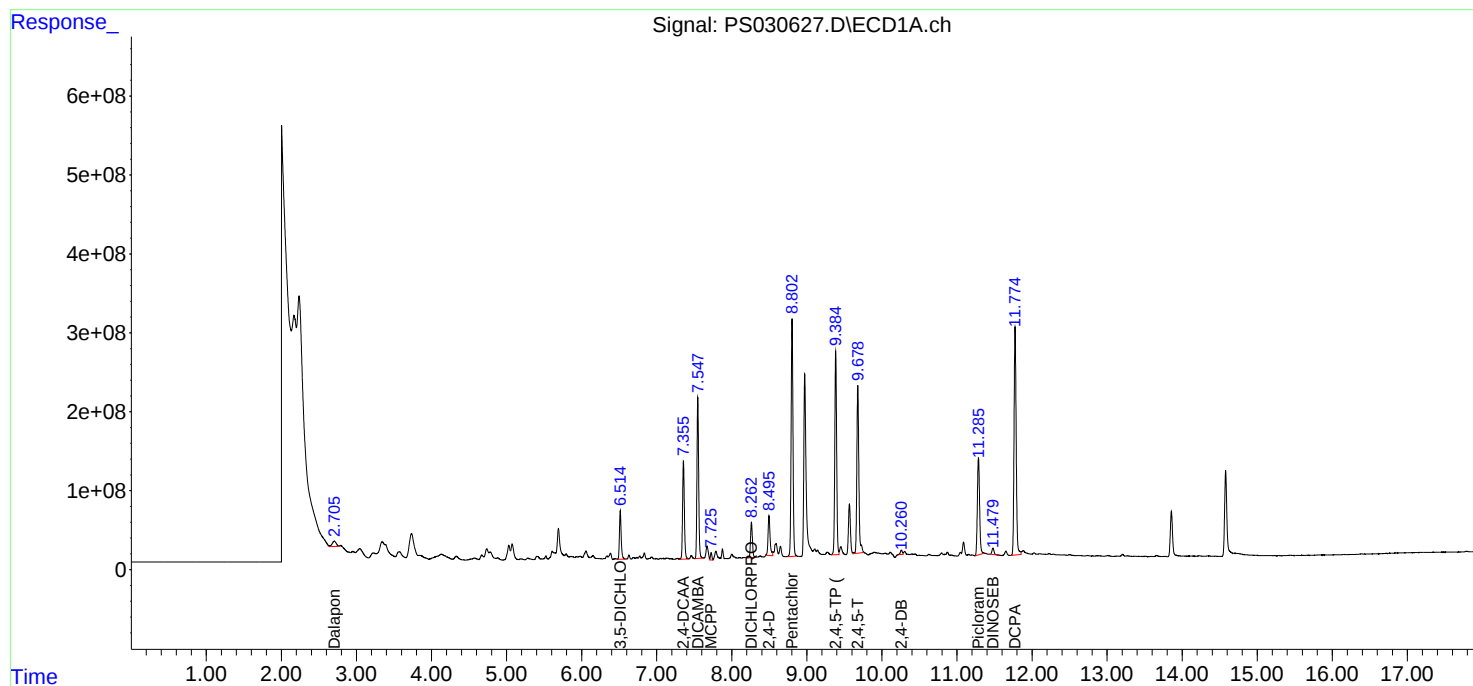
Instrument :
ECD_S
ClientSampleId :
WC-3MSD

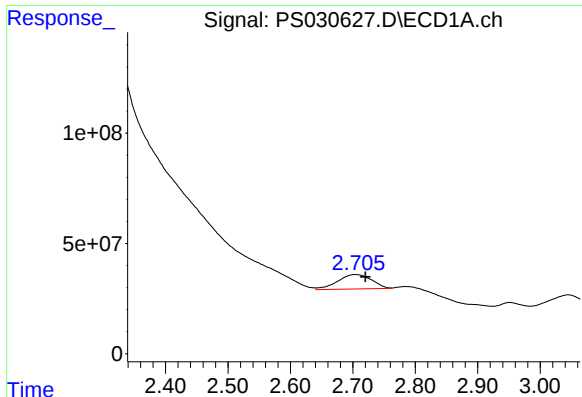
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Integration File signal 1: autoint1.e
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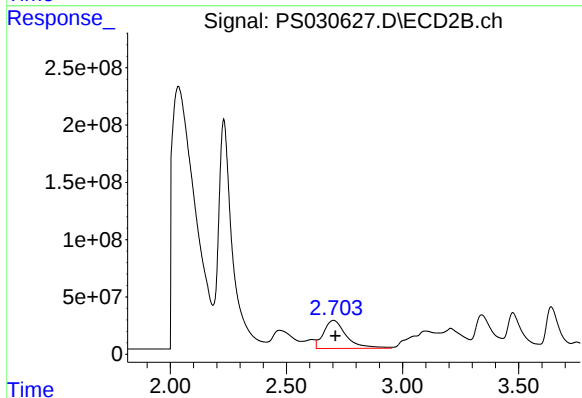
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.015 min
Response: 246985835
Conc: 43.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-3MSD

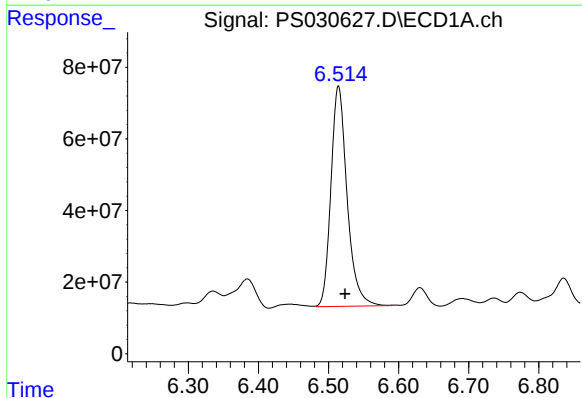
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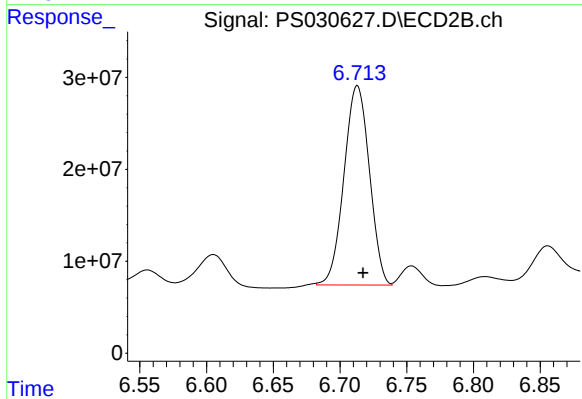
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: -0.007 min
Response: 1666497831
Conc: 608.21 ng/ml



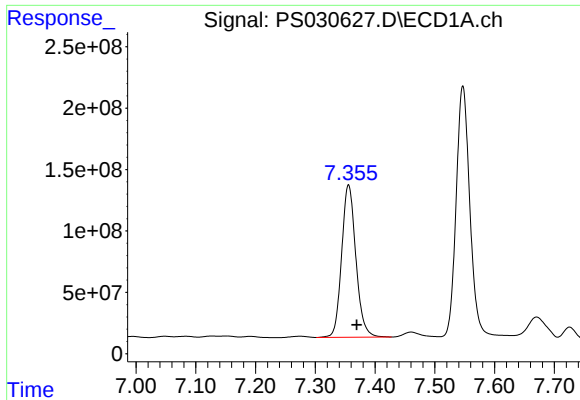
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.514 min
Delta R.T.: -0.010 min
Response: 986844959
Conc: 181.86 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: -0.005 min
Response: 287348146
Conc: 183.70 ng/ml m



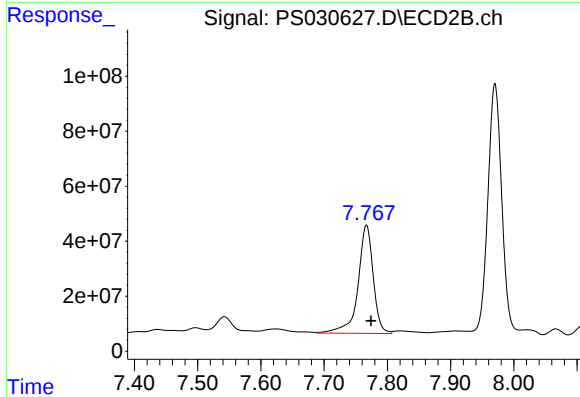
#4 2,4-DCAA

R.T.: 7.356 min
Delta R.T.: -0.013 min
Response: 2053232418
Conc: 543.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-3MSD

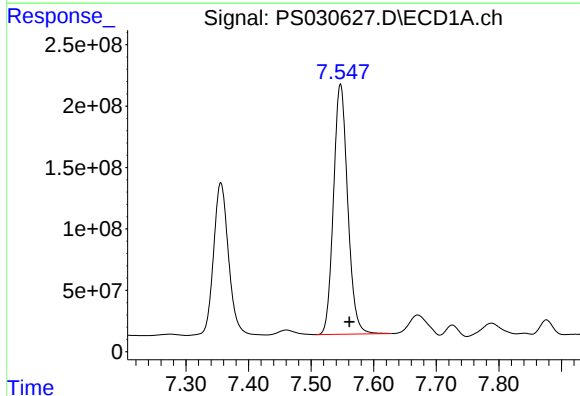
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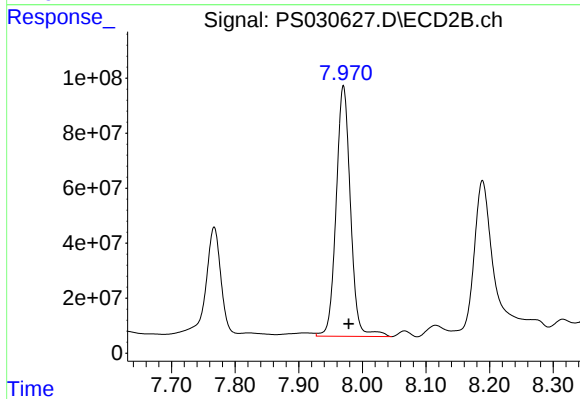
#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.007 min
Response: 656330848
Conc: 610.19 ng/ml



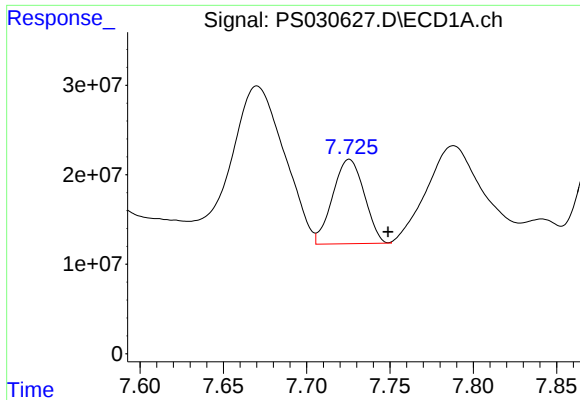
#5 DICAMBA

R.T.: 7.547 min
Delta R.T.: -0.014 min
Response: 3216417953
Conc: 208.55 ng/ml



#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: -0.008 min
Response: 1424747627
Conc: 221.18 ng/ml



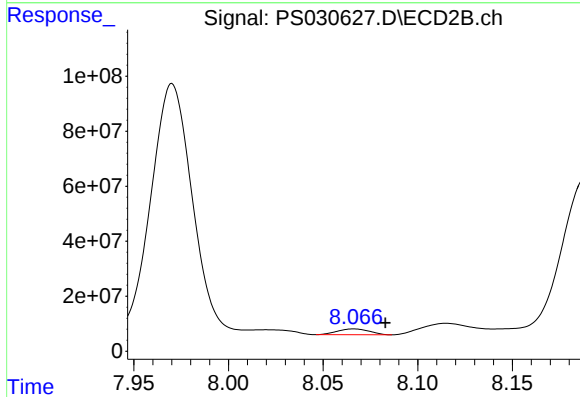
#6 MCPP

R.T.: 7.725 min
Delta R.T.: -0.024 min
Response: 124315429
Conc: 12.55 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-3MSD

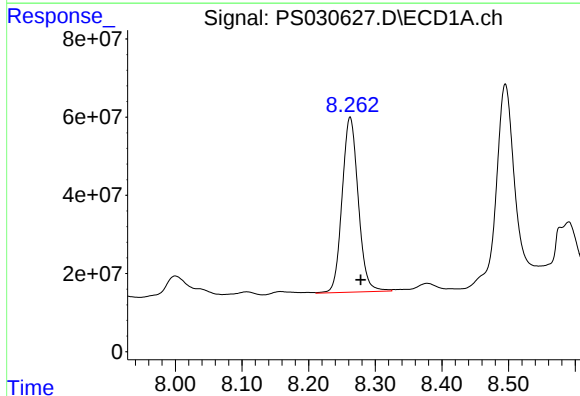
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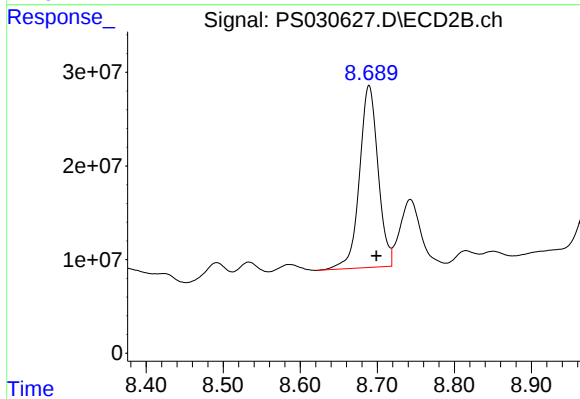
#6 MCPP

R.T.: 8.066 min
Delta R.T.: -0.017 min
Response: 24815279
Conc: 10.74 ug/ml



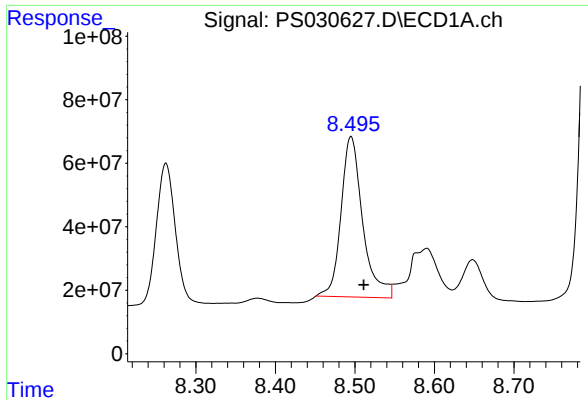
#8 DICHLORPROP

R.T.: 8.262 min
Delta R.T.: -0.016 min
Response: 752846560
Conc: 206.93 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: -0.010 min
Response: 326724516
Conc: 220.13 ng/ml



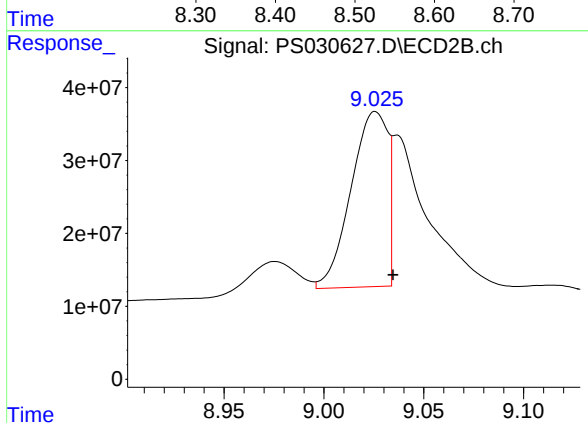
#9 2,4-D

R.T.: 8.495 min
Delta R.T.: -0.016 min
Response: 957183147
Conc: 262.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-3MSD

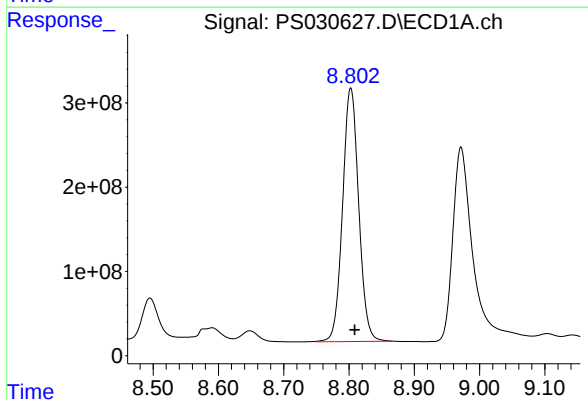
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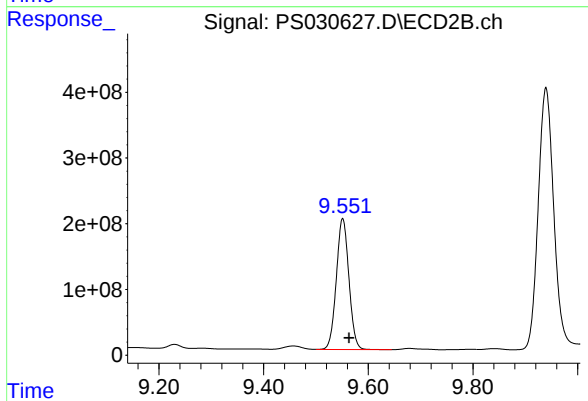
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: -0.009 min
Response: 307676256
Conc: 195.68 ng/ml m



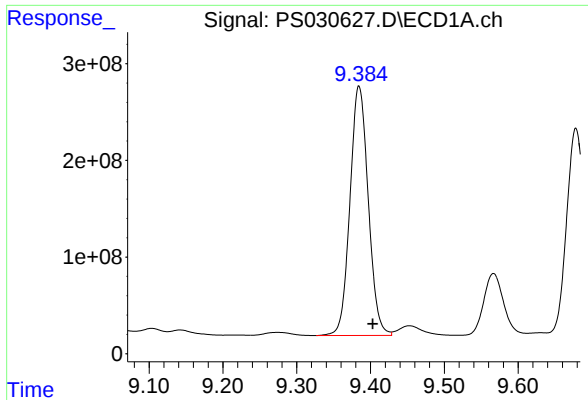
#10 Pentachlorophenol

R.T.: 8.802 min
Delta R.T.: -0.007 min
Response: 5163002459
Conc: 101.66 ng/ml m



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.012 min
Response: 3325330420
Conc: 92.02 ng/ml



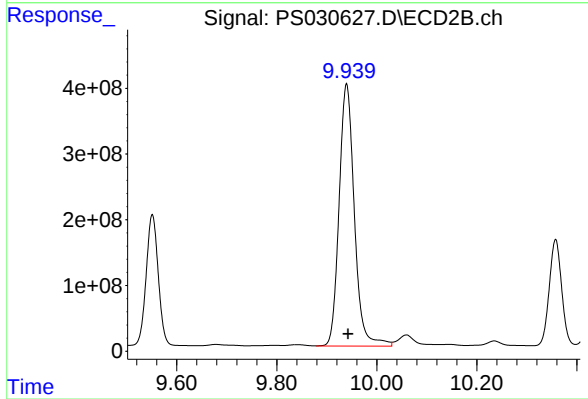
#11 2,4,5-TP (SILVEX)

R.T.: 9.385 min
Delta R.T.: -0.018 min
Response: 4442995752
Conc: 215.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-3MSD

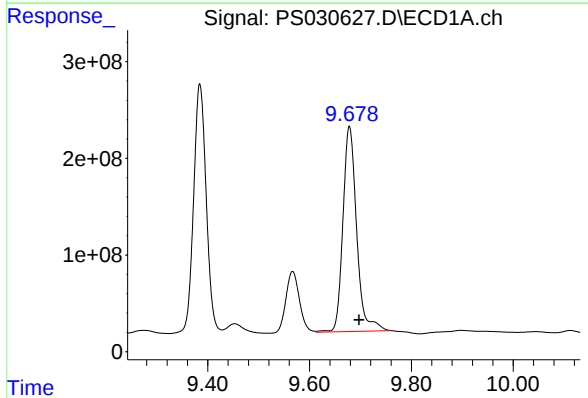
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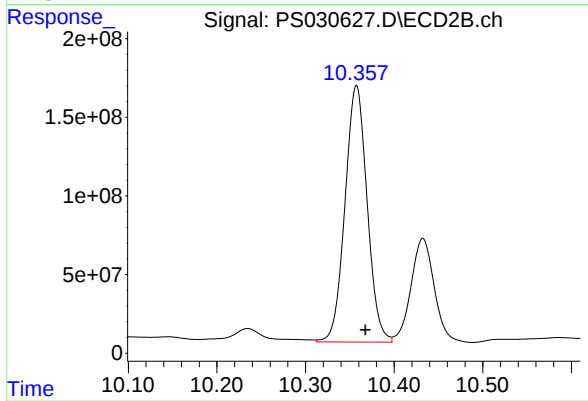
#11 2,4,5-TP (SILVEX)

R.T.: 9.940 min
Delta R.T.: -0.003 min
Response: 8450655100
Conc: 616.08 ng/ml



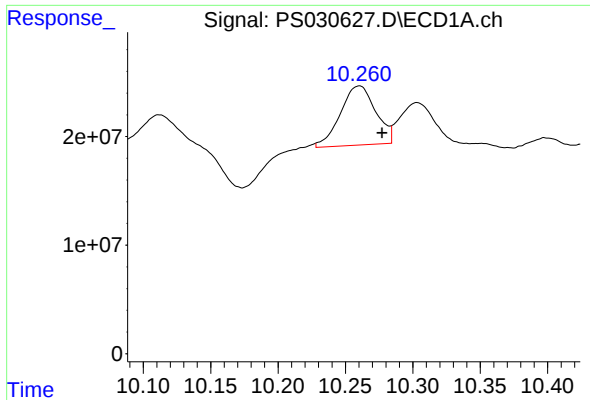
#12 2,4,5-T

R.T.: 9.678 min
Delta R.T.: -0.019 min
Response: 3962280126
Conc: 214.98 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: -0.010 min
Response: 2832249730
Conc: 216.91 ng/ml



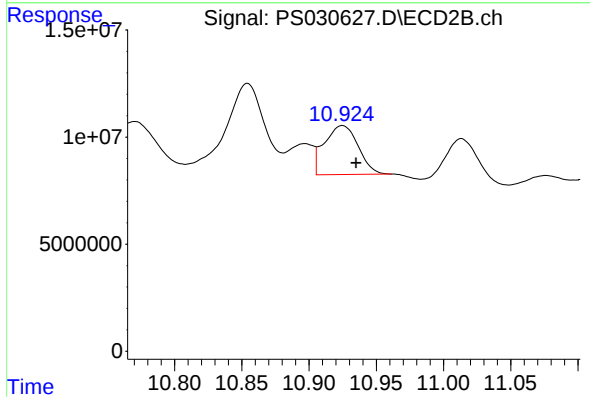
#13 2,4-DB

R.T.: 10.260 min
Delta R.T.: -0.017 min
Response: 100732554
Conc: 33.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-3MSD

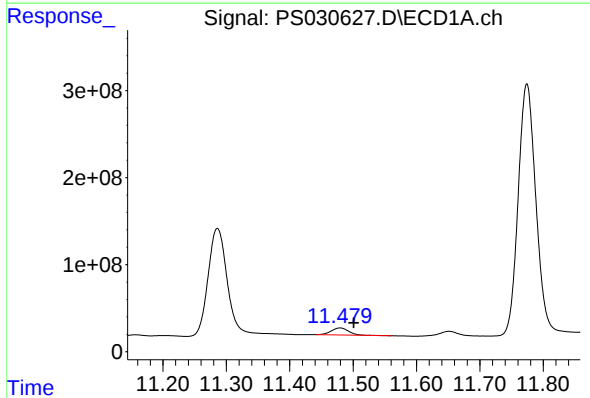
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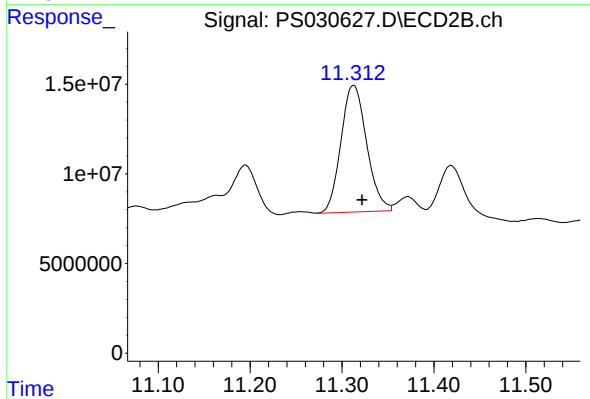
#13 2,4-DB

R.T.: 10.924 min
Delta R.T.: -0.011 min
Response: 39609982
Conc: 34.46 ng/ml m



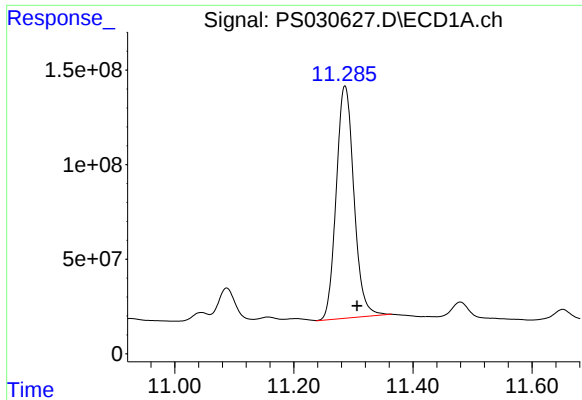
#14 DINOSEB

R.T.: 11.479 min
Delta R.T.: -0.022 min
Response: 156418910
Conc: 10.88 ng/ml



#14 DINOSEB

R.T.: 11.312 min
Delta R.T.: -0.009 min
Response: 137554763
Conc: 13.69 ng/ml



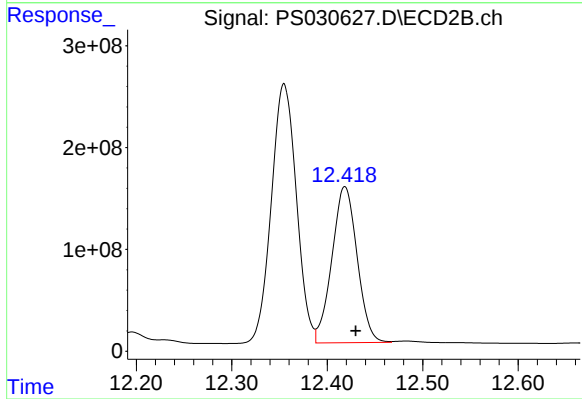
#15 Picloram

R.T.: 11.285 min
Delta R.T.: -0.021 min
Response: 2532115986
Conc: 126.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-3MSD

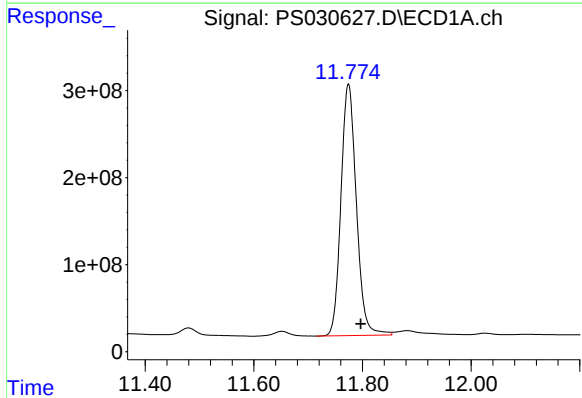
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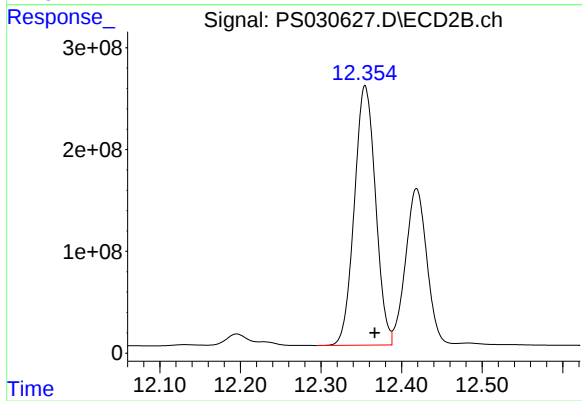
#15 Picloram

R.T.: 12.419 min
Delta R.T.: -0.011 min
Response: 2812283895
Conc: 127.35 ng/ml



#16 DCPA

R.T.: 11.774 min
Delta R.T.: -0.023 min
Response: 5690455830
Conc: 215.22 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: -0.012 min
Response: 4651587018
Conc: 227.32 ng/ml