

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050422\
 Data File : PS019270.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2022 18:08
 Operator : AJ\MA
 Sample : N2600-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MH-15SMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/05/2022
 Supervised By : mohammad ahmed 05/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 19:33:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS050422.M
 Quant Title : 8080.M
 QLast Update : Wed May 04 16:27:11 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 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

System Monitoring Compounds							
4) S	2,4-DCAA	7.218	6.797	1426.0E6	376.4E6	522.192m	485.981
Target Compounds							
1) T	Dalapon	3.026	2.533	839.6E6	173.9E6	173.914	195.636m
2) T	3,5-DICHL...	6.429	5.975	536.7E6	155.9E6	151.829	133.707
3) T	4-Nitroph...	7.049	6.415	70932307	3227928	73.195	9.149m#
5) T	DICAMBA	7.409	6.963	2202.0E6	642.5E6	199.377	191.755
6) T	MCP	7.575	7.055	103.4E6	30122503	11.570	11.327
7) T	MCPA	7.723	7.267	194.9E6	75958613	15.642	20.394 #
8) T	DICHLORPROP	8.103	7.586	378.5E6	129.9E6	135.282	151.584
9) T	2,4-D	8.333	7.878	747.4E6	206.8E6	236.915	207.063
10) T	Pentachlo...	8.641	8.306	2944.6E6	817.0E6	74.951	72.677
11) T	2,4,5-TP ...	9.195	8.667	2112.9E6	553.2E6	116.895	114.950
12) T	2,4,5-T	9.483	9.050	2984.8E6	672.3E6	141.119	155.264
13) T	2,4-DB	10.033	9.564	261.4E6	322.6E6	60.949	567.448 #
14) T	DINOSEB	11.156	9.881	4794.1E6	575.5E6	290.352	198.589 #
15) T	Picloram	11.015	10.862	3849.8E6	1879.0E6	131.707m	314.177 #
16) T	DCPA	11.458	10.809	6417.1E6	1782.3E6	245.200	303.602

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

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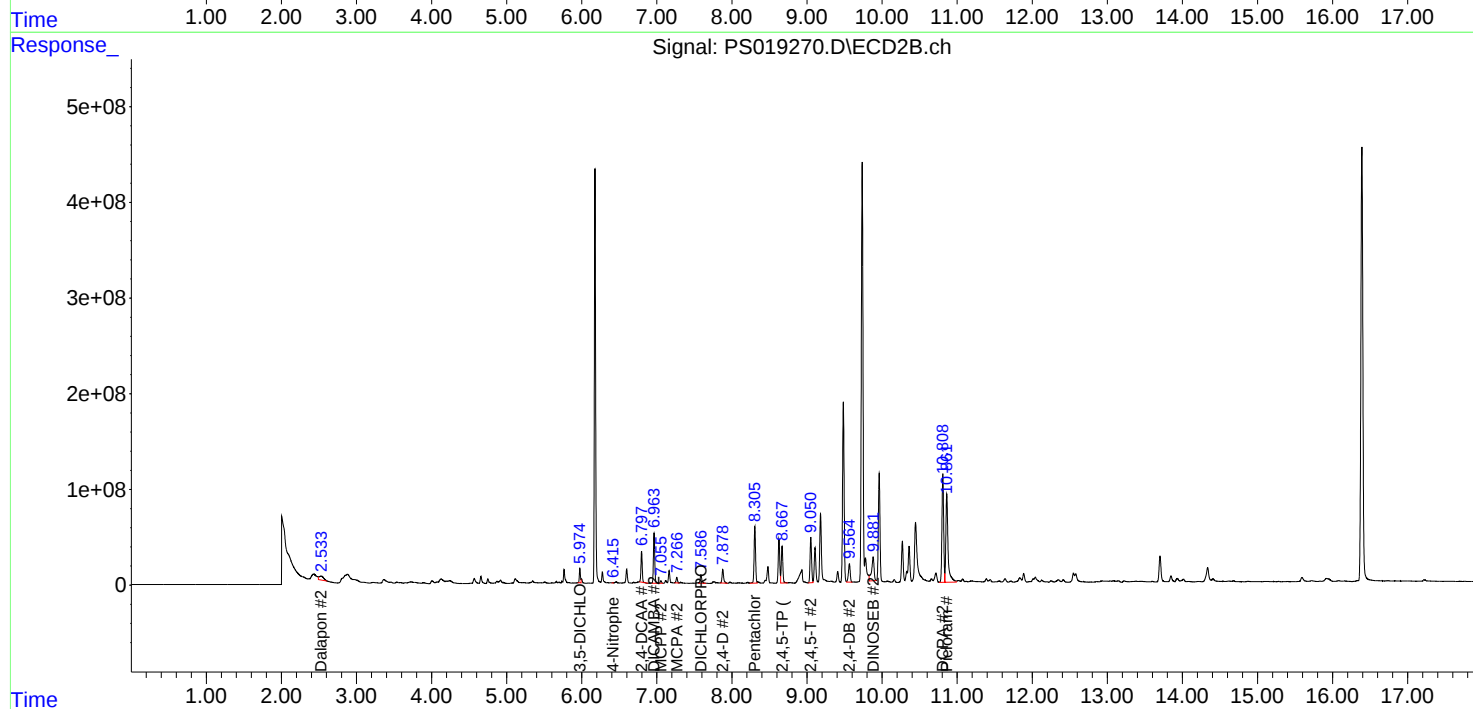
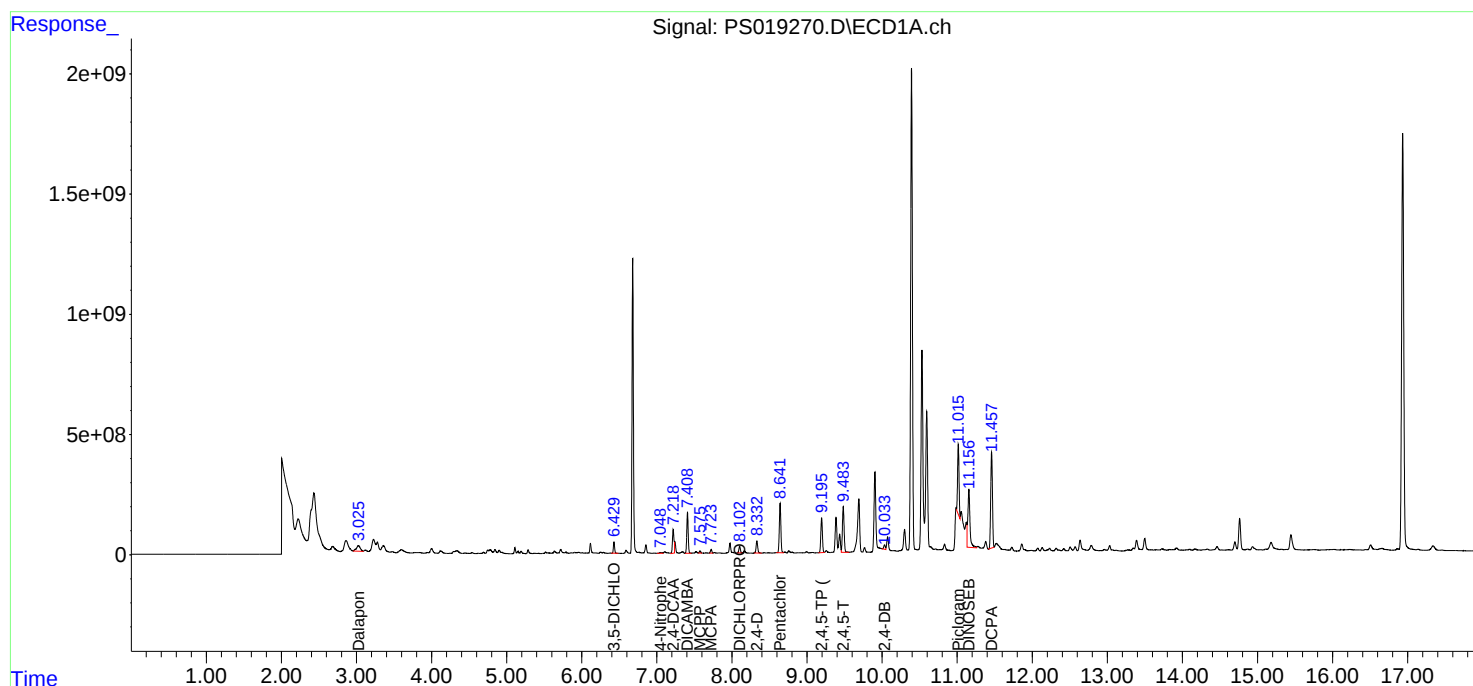
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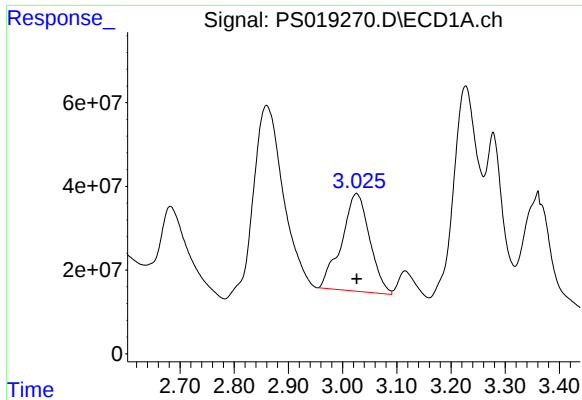
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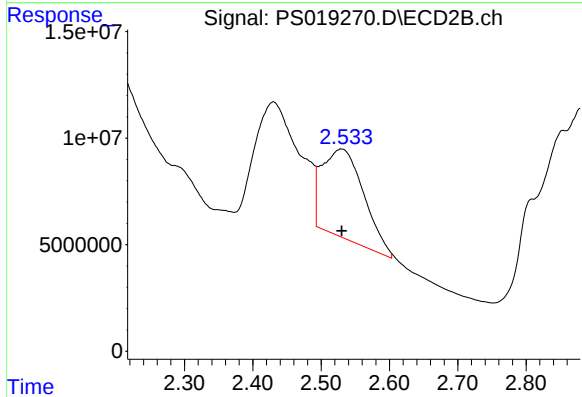
#1 Dalapon

R.T.: 3.026 min
Delta R.T.: 0.000 min
Response: 839602632
Conc: 173.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-15SMS

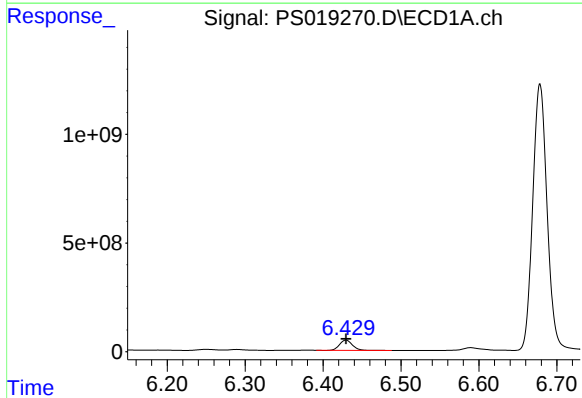
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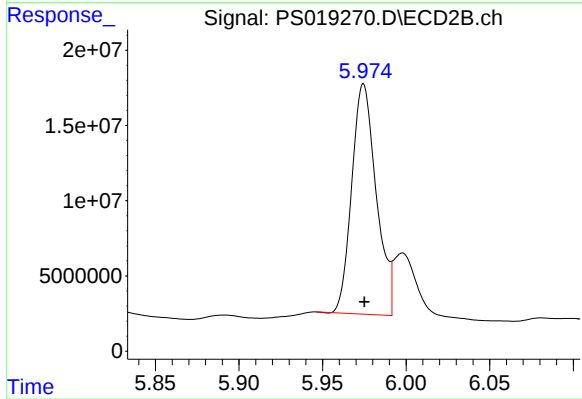
#1 Dalapon

R.T.: 2.533 min
Delta R.T.: 0.002 min
Response: 173905146
Conc: 195.64 ng/ml m



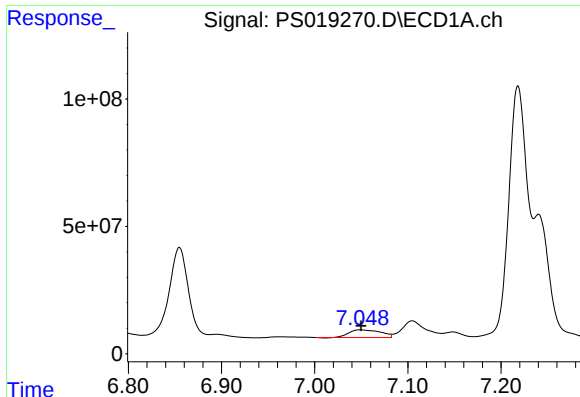
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 536666700
Conc: 151.83 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 155934894
Conc: 133.71 ng/ml



#3 4-Nitrophenol

R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 70932307
Conc: 73.19 ng/ml

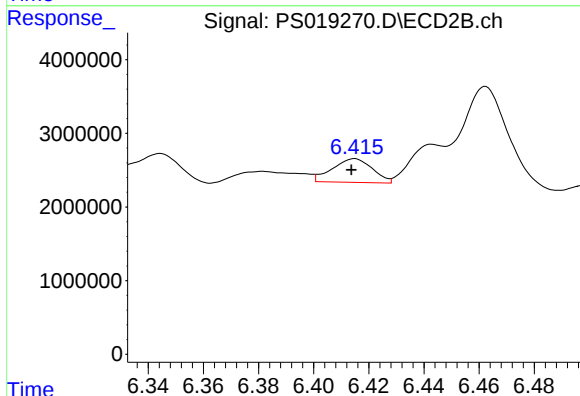
Instrument :

ECD_S

ClientSampleId :
MH-15SMS

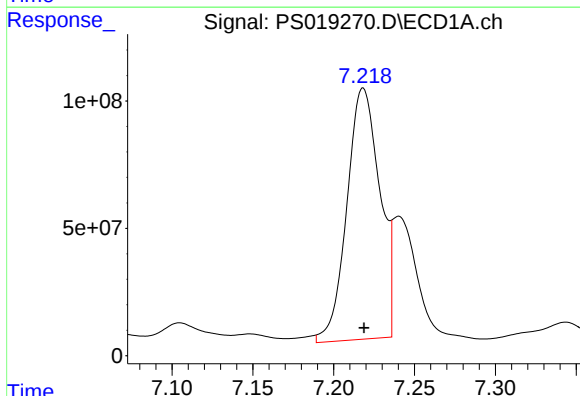
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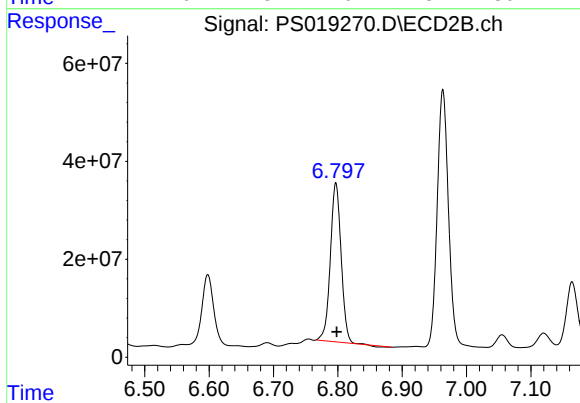
#3 4-Nitrophenol

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 3227928
Conc: 9.15 ng/ml m



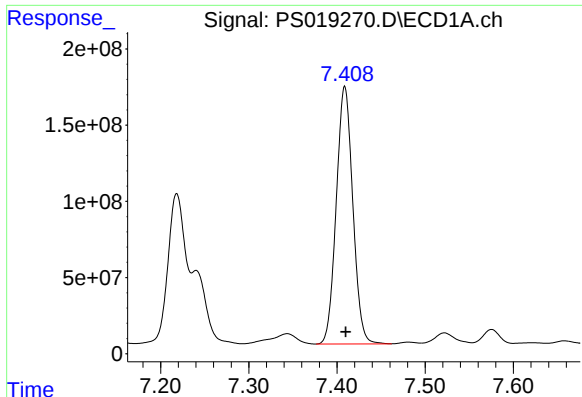
#4 2,4-DCAA

R.T.: 7.218 min
Delta R.T.: 0.000 min
Response: 1426042506
Conc: 522.19 ng/ml m



#4 2,4-DCAA

R.T.: 6.797 min
Delta R.T.: -0.001 min
Response: 376419008
Conc: 485.98 ng/ml



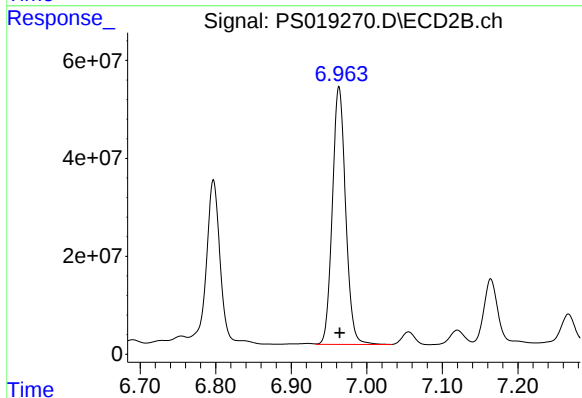
#5 DICAMBA

R.T.: 7.409 min
Delta R.T.: -0.001 min
Response: 2201985215
Conc: 199.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-15SMS

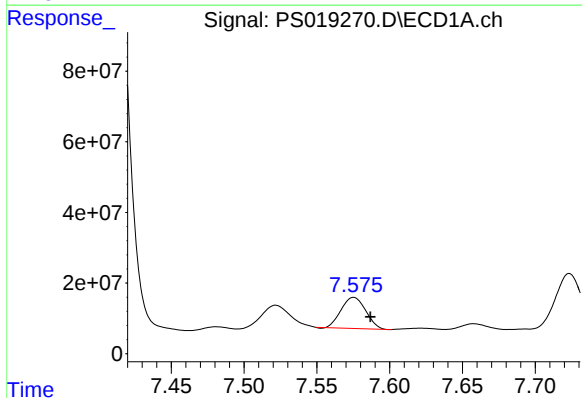
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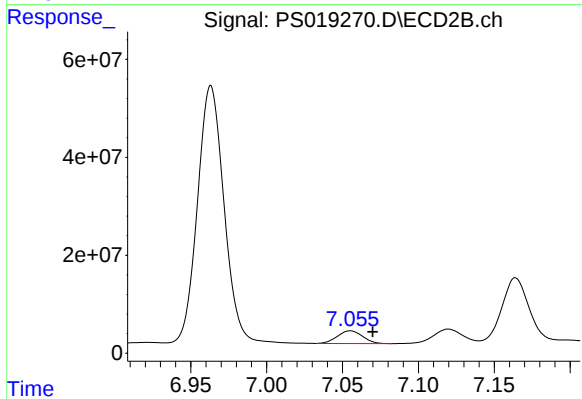
#5 DICAMBA

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 642536261
Conc: 191.76 ng/ml



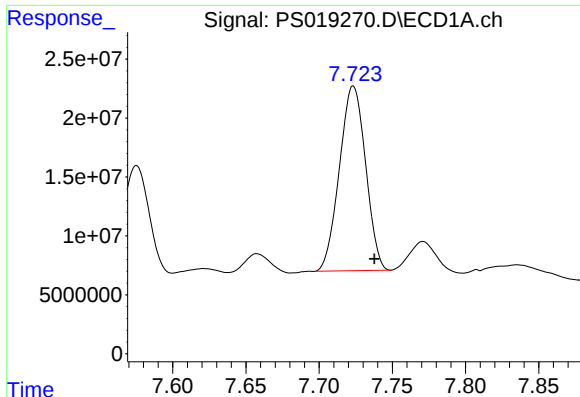
#6 MCP

R.T.: 7.575 min
Delta R.T.: -0.012 min
Response: 103426487
Conc: 11.57 ug/ml



#6 MCP

R.T.: 7.055 min
Delta R.T.: -0.015 min
Response: 30122503
Conc: 11.33 ug/ml



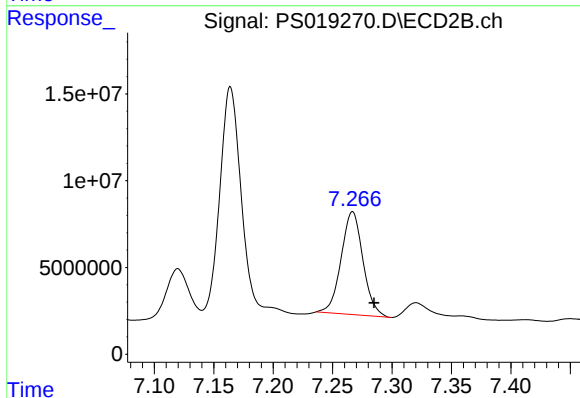
#7 MCPA

R.T.: 7.723 min
Delta R.T.: -0.014 min
Response: 194949800
Conc: 15.64 ug/ml

Instrument :
ECD_S
ClientSampleId :
MH-15SMS

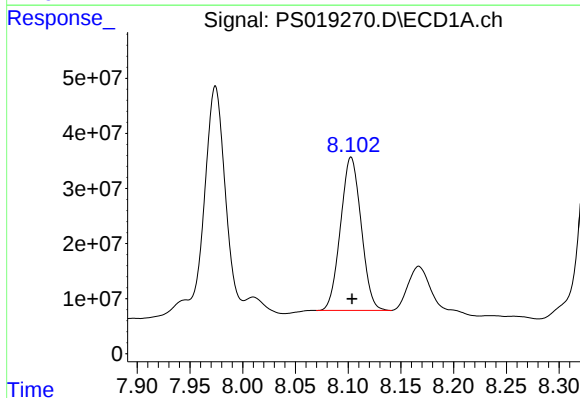
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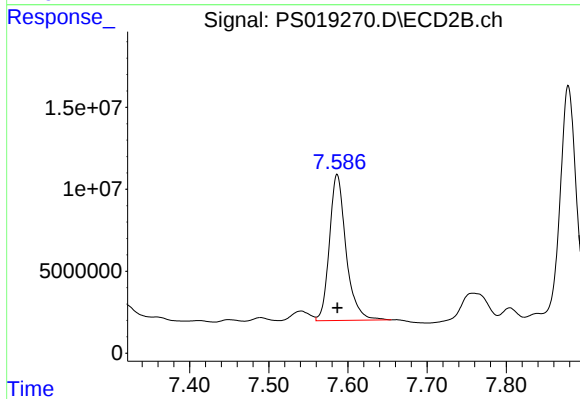
#7 MCPA

R.T.: 7.267 min
Delta R.T.: -0.018 min
Response: 75958613
Conc: 20.39 ug/ml



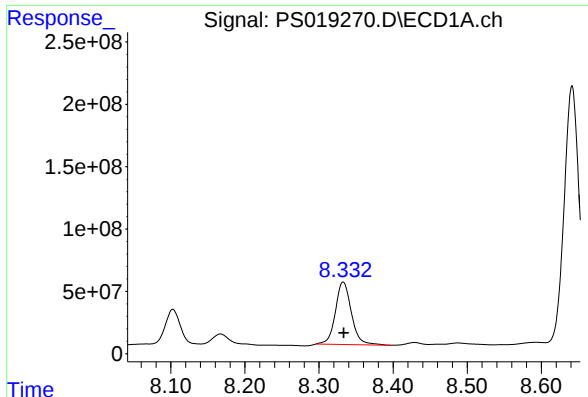
#8 DICHLORPROP

R.T.: 8.103 min
Delta R.T.: 0.000 min
Response: 378462459
Conc: 135.28 ng/ml



#8 DICHLORPROP

R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 129907462
Conc: 151.58 ng/ml



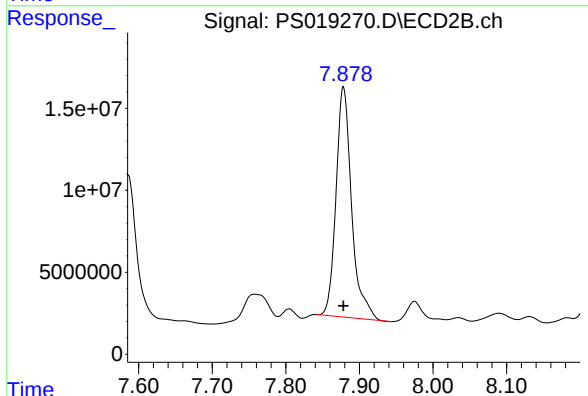
#9 2,4-D

R.T.: 8.333 min
Delta R.T.: 0.000 min
Response: 747416138
Conc: 236.91 ng/ml

Instrument :
ECD_S
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MH-15SMS

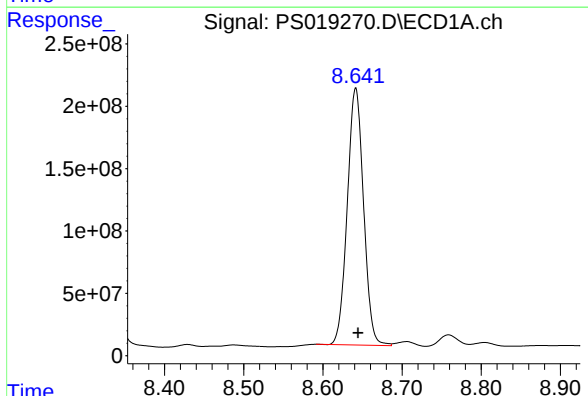
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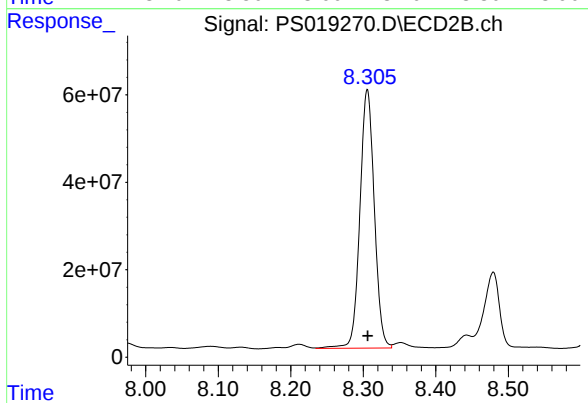
#9 2,4-D

R.T.: 7.878 min
Delta R.T.: 0.000 min
Response: 206780204
Conc: 207.06 ng/ml



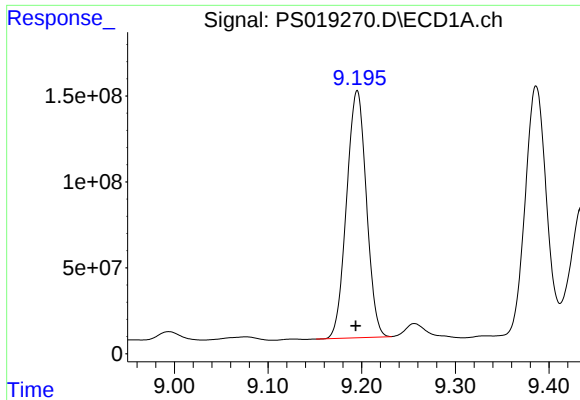
#10 Pentachlorophenol

R.T.: 8.641 min
Delta R.T.: -0.003 min
Response: 2944576456
Conc: 74.95 ng/ml



#10 Pentachlorophenol

R.T.: 8.306 min
Delta R.T.: 0.000 min
Response: 816995814
Conc: 72.68 ng/ml



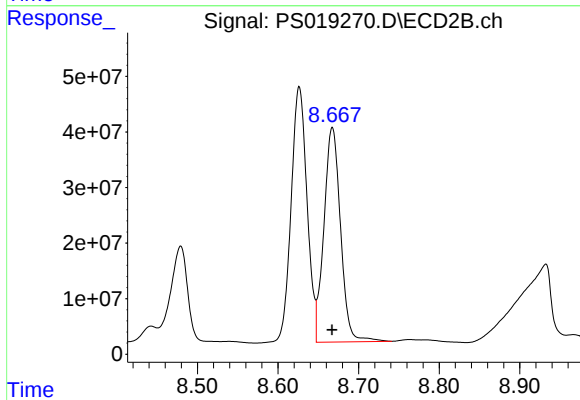
#11 2,4,5-TP (SILVEX)

R.T.: 9.195 min
Delta R.T.: 0.001 min
Response: 2112896891
Conc: 116.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-15SMS

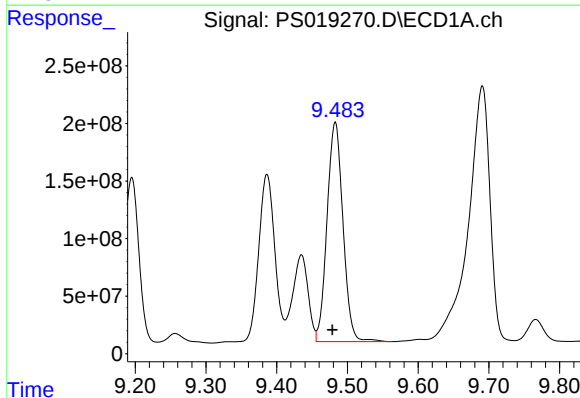
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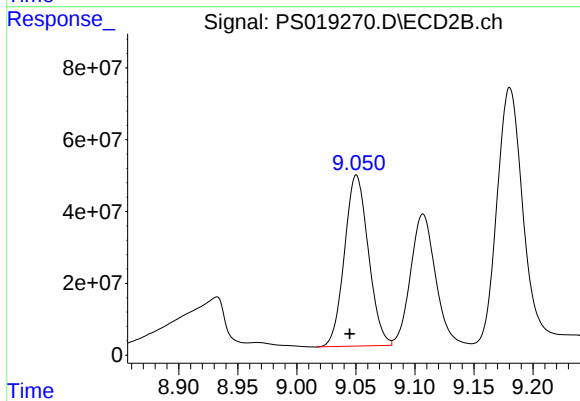
#11 2,4,5-TP (SILVEX)

R.T.: 8.667 min
Delta R.T.: 0.000 min
Response: 553202404
Conc: 114.95 ng/ml



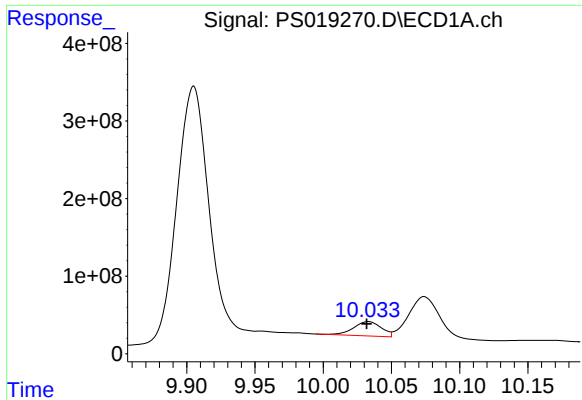
#12 2,4,5-T

R.T.: 9.483 min
Delta R.T.: 0.004 min
Response: 2984810556
Conc: 141.12 ng/ml



#12 2,4,5-T

R.T.: 9.050 min
Delta R.T.: 0.006 min
Response: 672304269
Conc: 155.26 ng/ml



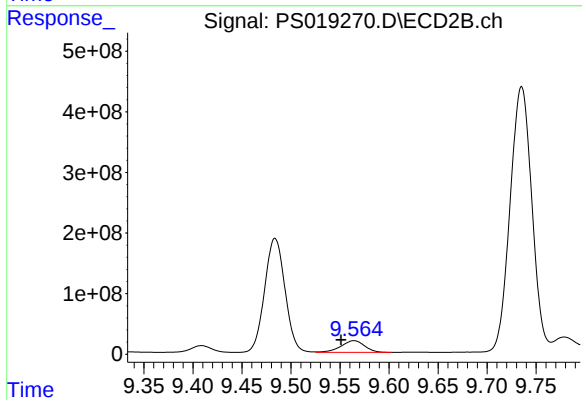
#13 2,4-DB

R.T.: 10.033 min
Delta R.T.: 0.000 min
Response: 261366107
Conc: 60.95 ng/ml

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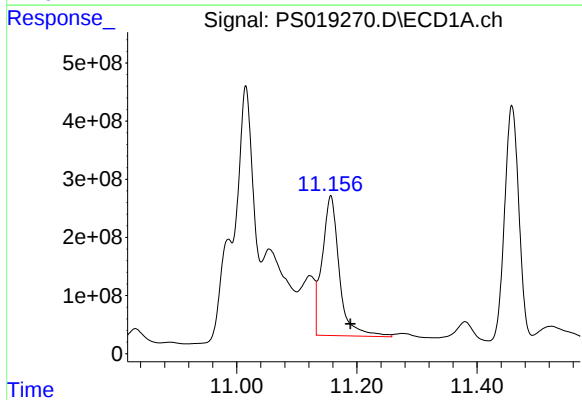
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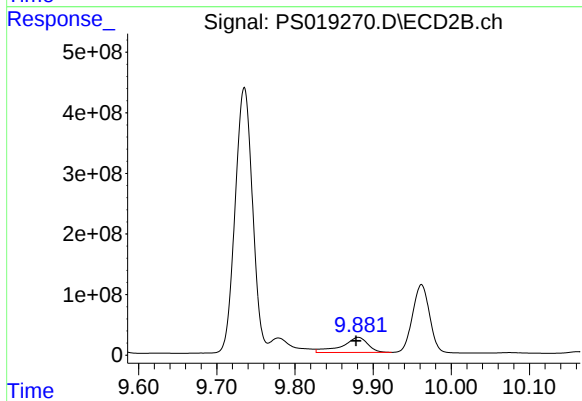
#13 2,4-DB

R.T.: 9.564 min
Delta R.T.: 0.013 min
Response: 322629433
Conc: 567.45 ng/ml



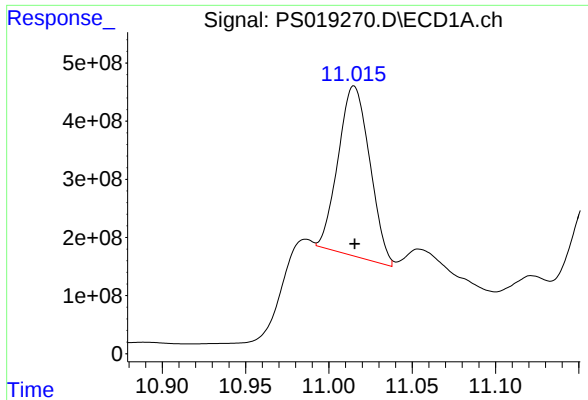
#14 DINOSEB

R.T.: 11.156 min
Delta R.T.: -0.033 min
Response: 4794105827
Conc: 290.35 ng/ml



#14 DINOSEB

R.T.: 9.881 min
Delta R.T.: 0.003 min
Response: 575485815
Conc: 198.59 ng/ml



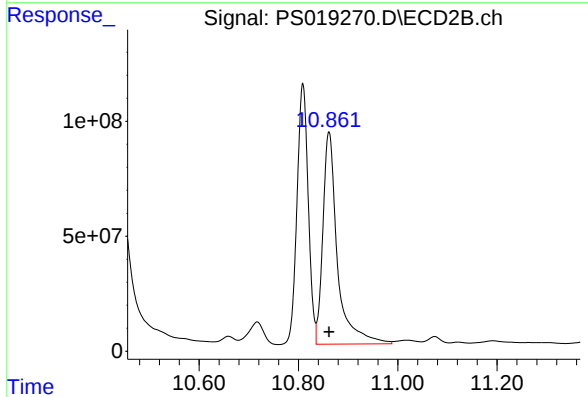
#15 Picloram

R.T.: 11.015 min
Delta R.T.: 0.000 min
Response: 3849821935
Conc: 131.71 ng/ml

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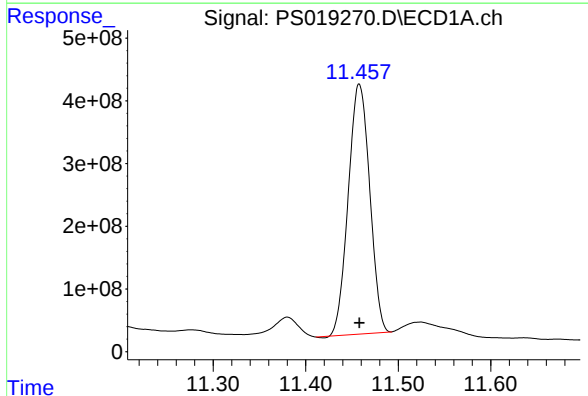
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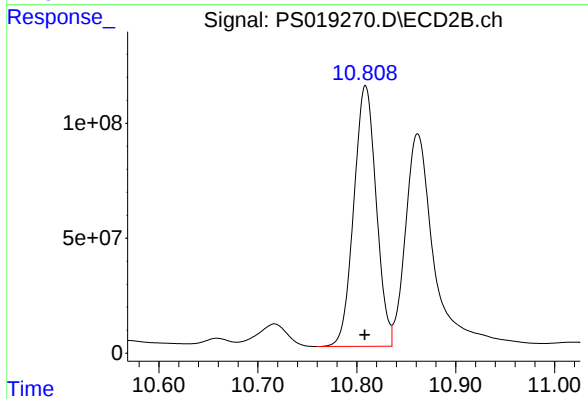
#15 Picloram

R.T.: 10.862 min
Delta R.T.: 0.000 min
Response: 1879025653
Conc: 314.18 ng/ml



#16 DCPA

R.T.: 11.458 min
Delta R.T.: 0.000 min
Response: 6417129593
Conc: 245.20 ng/ml



#16 DCPA

R.T.: 10.809 min
Delta R.T.: 0.000 min
Response: 1782283370
Conc: 303.60 ng/ml