

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050422\
 Data File : PS019271.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2022 18:34
 Operator : AJ\MA
 Sample : N2600-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MH-15SMSD

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 19:33:31 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	7.220	6.797	1466.0E6	373.5E6	536.838m	482.255
Target Compounds							
1) T	Dalapon	3.026	2.532	853.4E6	184.0E6	176.780	207.014m
2) T	3,5-DICHL...	6.431	5.974	536.1E6	156.0E6	151.671	133.767
3) T	4-Nitroph...	7.051	6.414	73226335	1836411	75.562	5.205 #
5) T	DICAMBA	7.411	6.963	2212.9E6	642.3E6	200.364	191.679
6) T	MCPD	7.577	7.055	102.0E6	29901516	11.409	11.244
7) T	MCPA	7.725	7.267	196.6E6	75659600	15.773	20.313 #
8) T	DICHLORPROP	8.104	7.586	381.3E6	130.2E6	136.302	151.935
9) T	2,4-D	8.334	7.878	764.2E6	206.7E6	242.241	207.006
10) T	Pentachlo...	8.643	8.305	2949.3E6	816.9E6	75.072	72.664
11) T	2,4,5-TP ...	9.196	8.667	2111.1E6	552.7E6	116.798	114.838
12) T	2,4,5-T	9.484	9.050	2998.1E6	674.3E6	141.745	155.722
13) T	2,4-DB	10.035	9.564	253.3E6	324.4E6	59.070	570.615 #
14) T	DINOSEB	11.159	9.881	4934.3E6	577.9E6	298.842	199.406 #
15) T	Picloram	11.017	10.861	3563.4E6	1893.7E6	121.909m	316.622 #
16) T	DCPA	11.460	10.809	6367.9E6	1781.9E6	243.320	303.544

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

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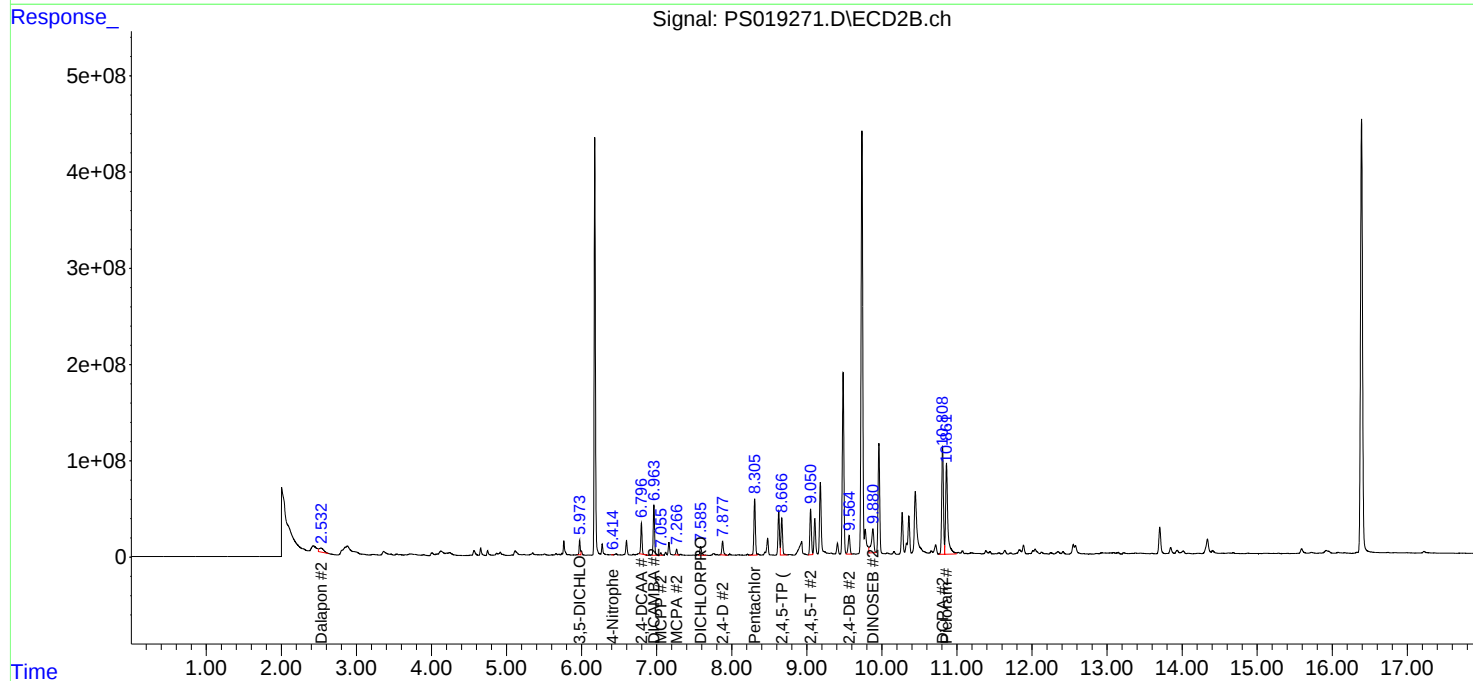
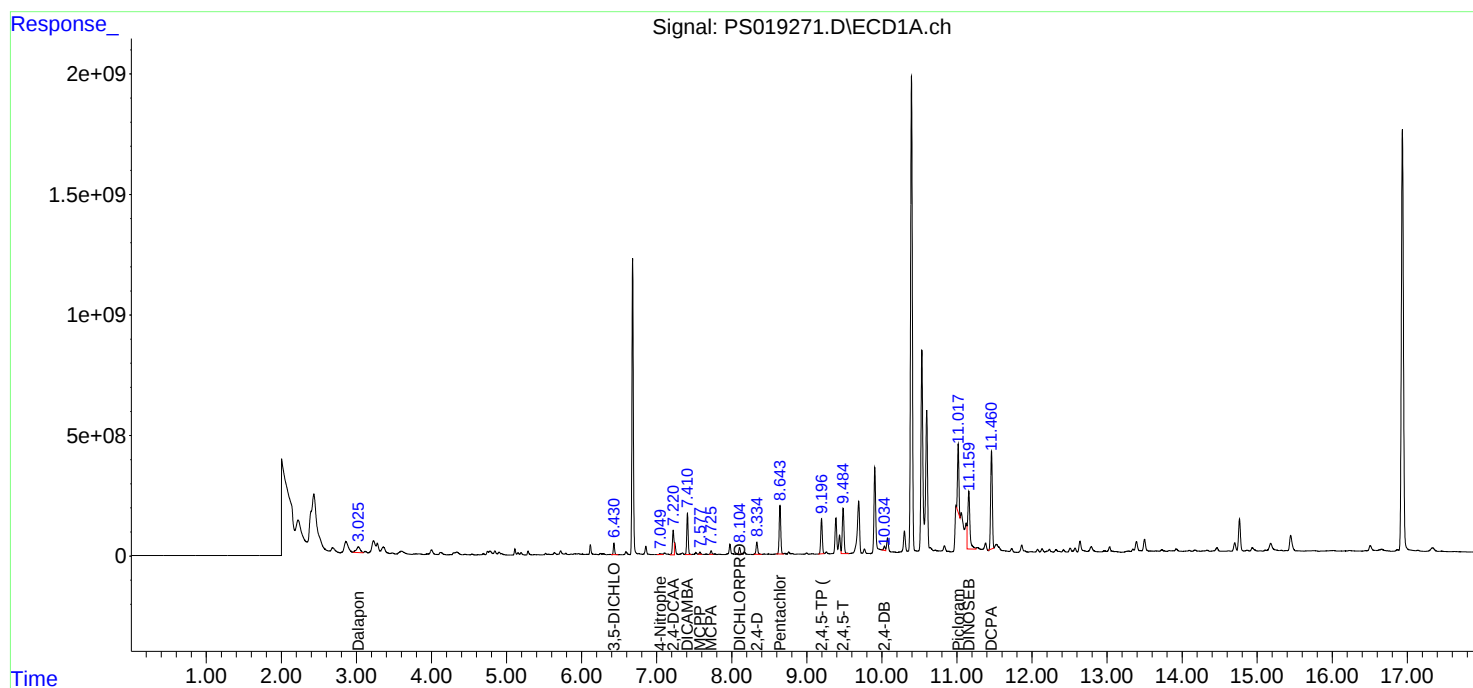
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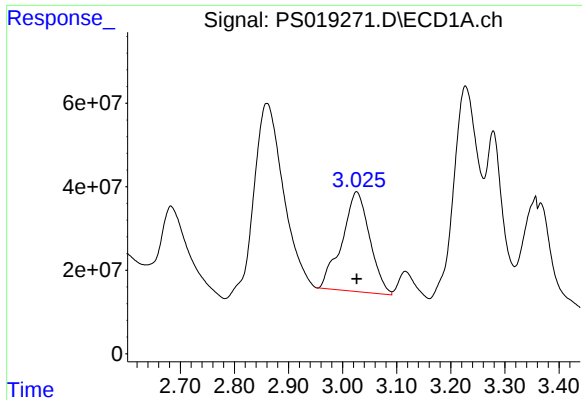
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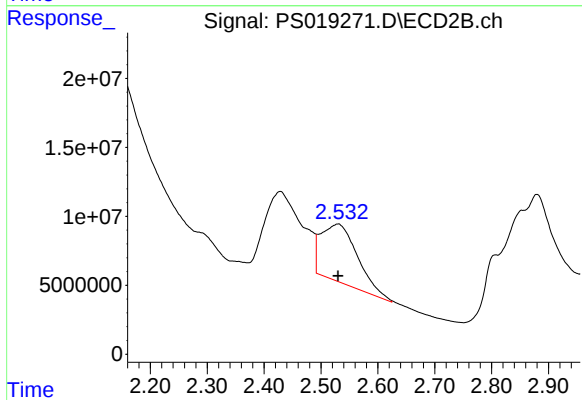
#1 Dalapon

R.T.: 3.026 min
Delta R.T.: 0.000 min
Response: 853440214
Conc: 176.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-15SMSD

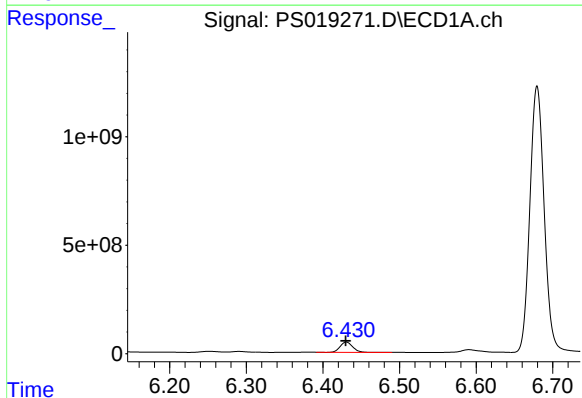
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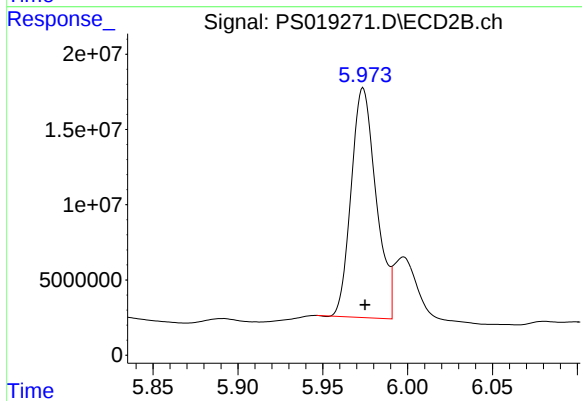
#1 Dalapon

R.T.: 2.532 min
Delta R.T.: 0.001 min
Response: 184019053
Conc: 207.01 ng/ml m



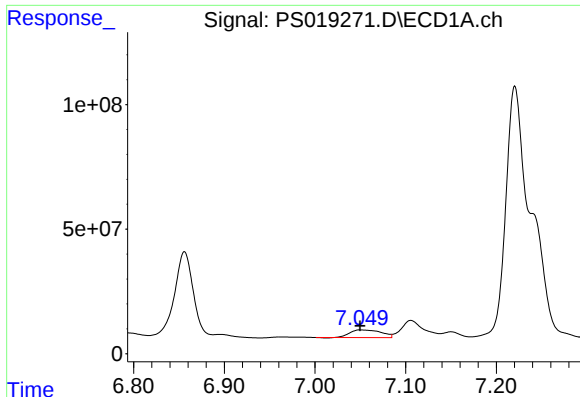
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.431 min
Delta R.T.: 0.000 min
Response: 536107550
Conc: 151.67 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.974 min
Delta R.T.: -0.001 min
Response: 156004953
Conc: 133.77 ng/ml



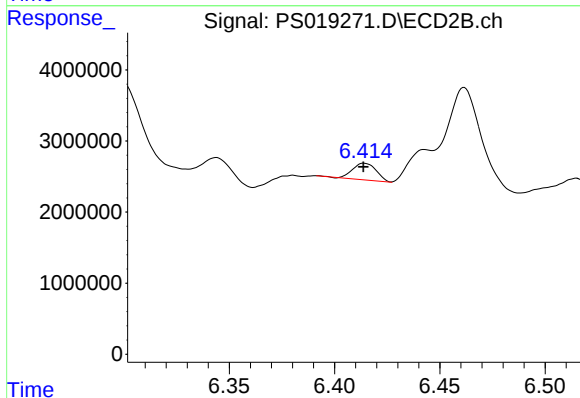
#3 4-Nitrophenol

R.T.: 7.051 min
Delta R.T.: 0.001 min
Response: 73226335
Conc: 75.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
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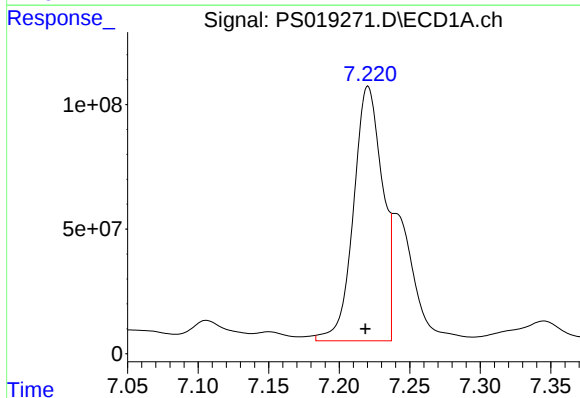
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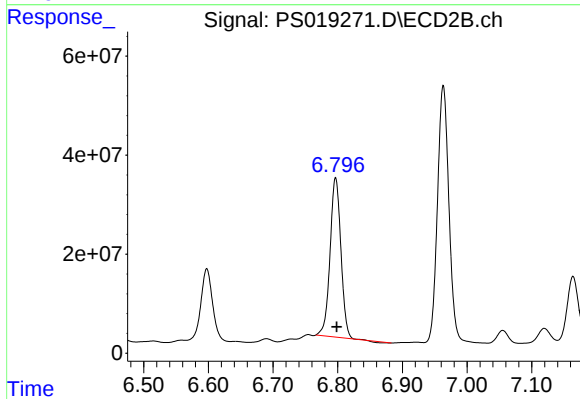
#3 4-Nitrophenol

R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 1836411
Conc: 5.20 ng/ml



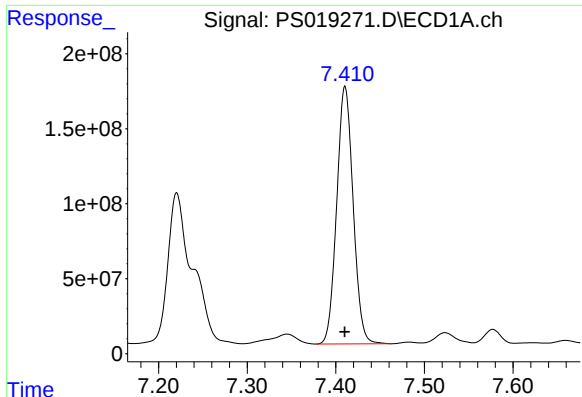
#4 2,4-DCAA

R.T.: 7.220 min
Delta R.T.: 0.001 min
Response: 1466037594
Conc: 536.84 ng/ml m



#4 2,4-DCAA

R.T.: 6.797 min
Delta R.T.: -0.001 min
Response: 373533251
Conc: 482.25 ng/ml



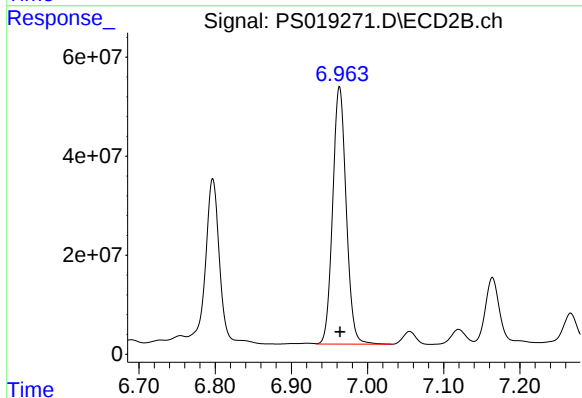
#5 DICAMBA

R.T.: 7.411 min
Delta R.T.: 0.000 min
Response: 2212880869
Conc: 200.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-15SMSD

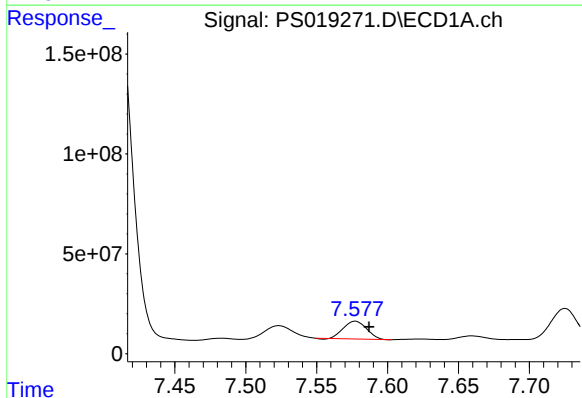
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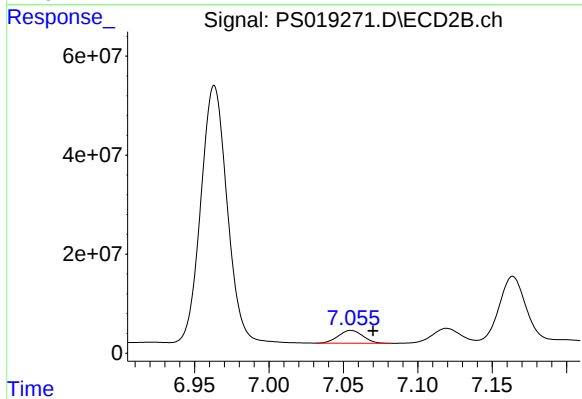
#5 DICAMBA

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 642281393
Conc: 191.68 ng/ml



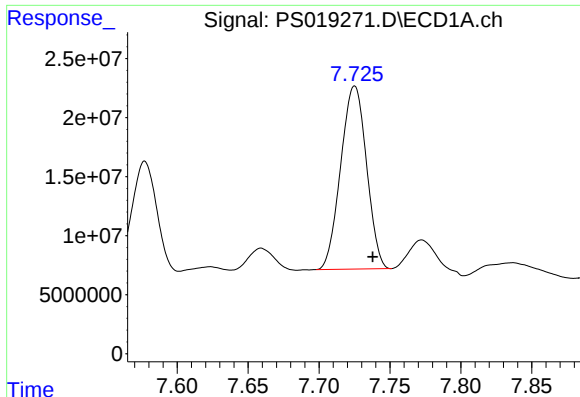
#6 MCP

R.T.: 7.577 min
Delta R.T.: -0.010 min
Response: 101983718
Conc: 11.41 ug/ml



#6 MCP

R.T.: 7.055 min
Delta R.T.: -0.015 min
Response: 29901516
Conc: 11.24 ug/ml



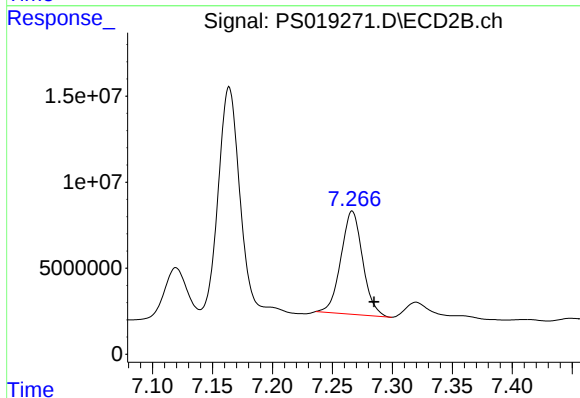
#7 MCPA

R.T.: 7.725 min
Delta R.T.: -0.013 min
Response: 196586385
Conc: 15.77 ug/ml

Instrument :
ECD_S
ClientSampleId :
MH-15SMSD

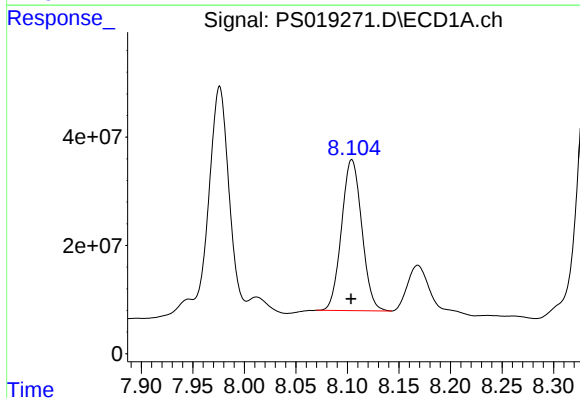
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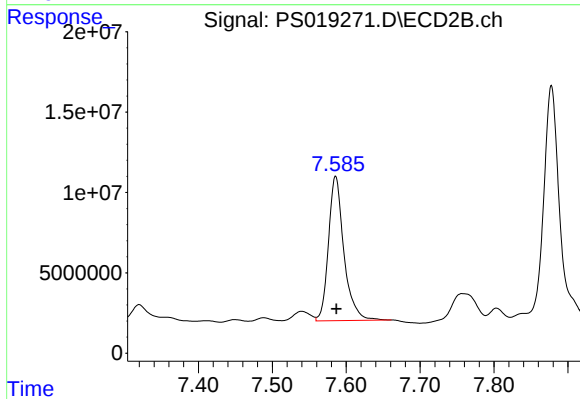
#7 MCPA

R.T.: 7.267 min
Delta R.T.: -0.018 min
Response: 75659600
Conc: 20.31 ug/ml



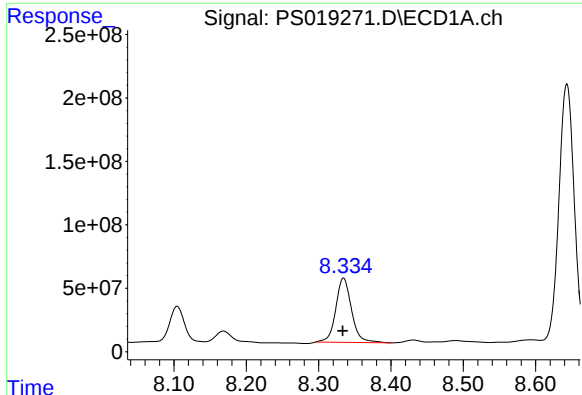
#8 DICHLORPROP

R.T.: 8.104 min
Delta R.T.: 0.000 min
Response: 381315116
Conc: 136.30 ng/ml



#8 DICHLORPROP

R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 130207619
Conc: 151.93 ng/ml



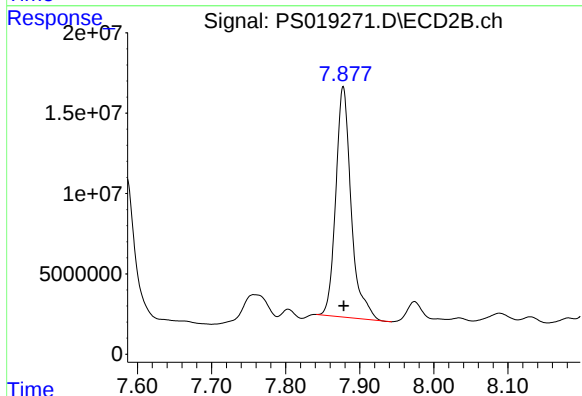
#9 2,4-D

R.T.: 8.334 min
Delta R.T.: 0.001 min
Response: 764218341
Conc: 242.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-15SMSD

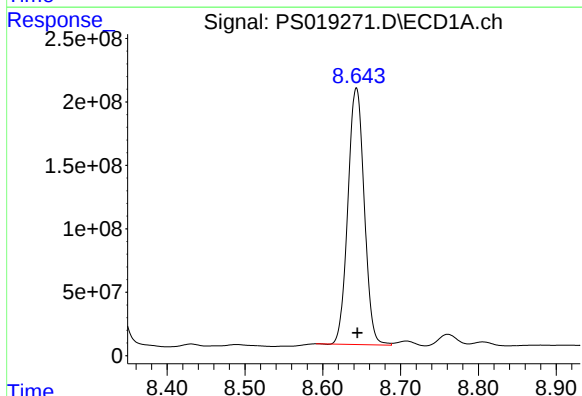
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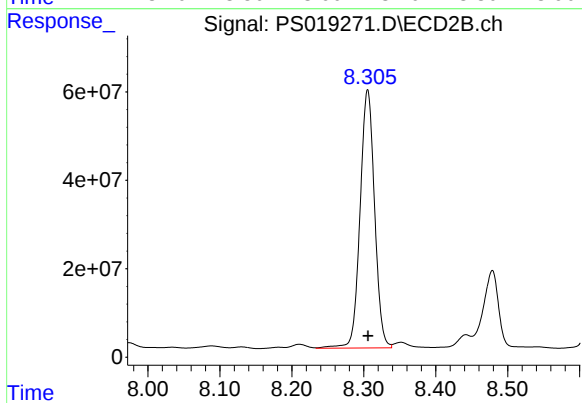
#9 2,4-D

R.T.: 7.878 min
Delta R.T.: 0.000 min
Response: 206722917
Conc: 207.01 ng/ml



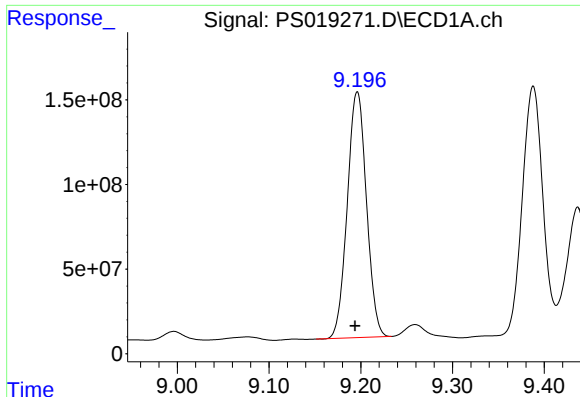
#10 Pentachlorophenol

R.T.: 8.643 min
Delta R.T.: -0.001 min
Response: 2949343025
Conc: 75.07 ng/ml



#10 Pentachlorophenol

R.T.: 8.305 min
Delta R.T.: 0.000 min
Response: 816851540
Conc: 72.66 ng/ml



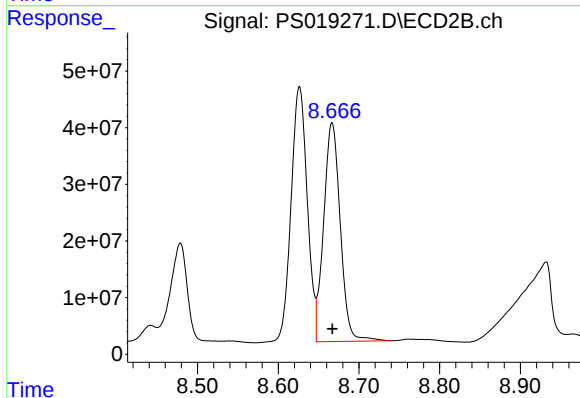
#11 2,4,5-TP (SILVEX)

R.T.: 9.196 min
Delta R.T.: 0.002 min
Response: 2111134071
Conc: 116.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
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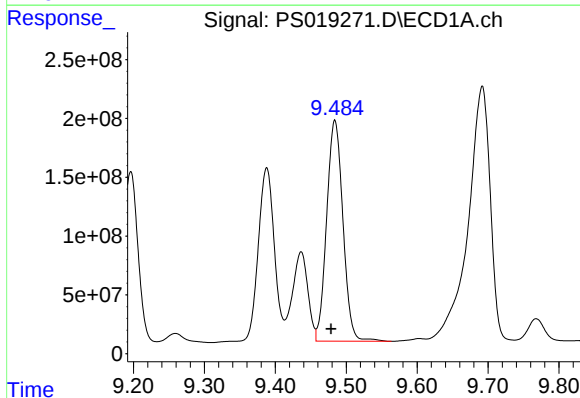
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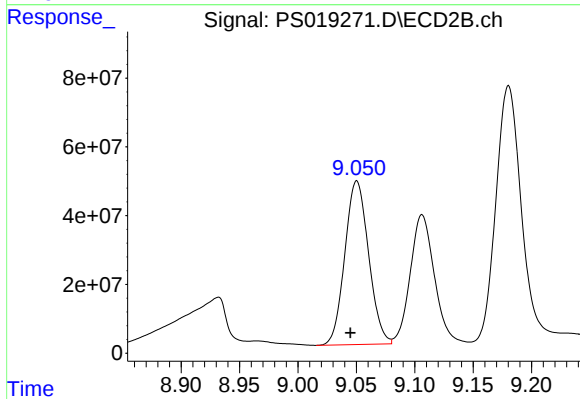
#11 2,4,5-TP (SILVEX)

R.T.: 8.667 min
Delta R.T.: 0.000 min
Response: 552664233
Conc: 114.84 ng/ml



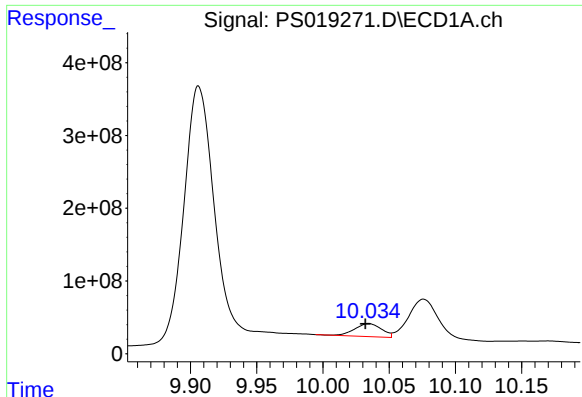
#12 2,4,5-T

R.T.: 9.484 min
Delta R.T.: 0.005 min
Response: 2998062245
Conc: 141.75 ng/ml



#12 2,4,5-T

R.T.: 9.050 min
Delta R.T.: 0.006 min
Response: 674283856
Conc: 155.72 ng/ml



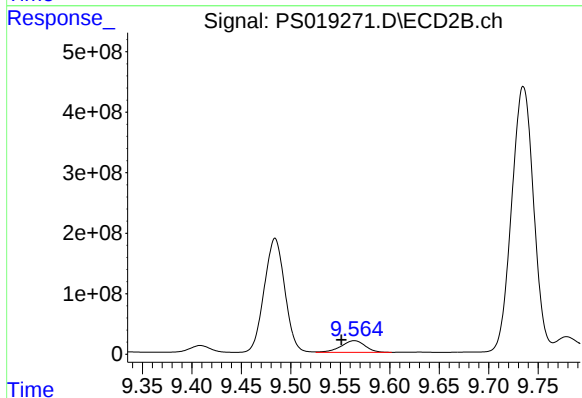
#13 2,4-DB

R.T.: 10.035 min
Delta R.T.: 0.002 min
Response: 253307273
Conc: 59.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
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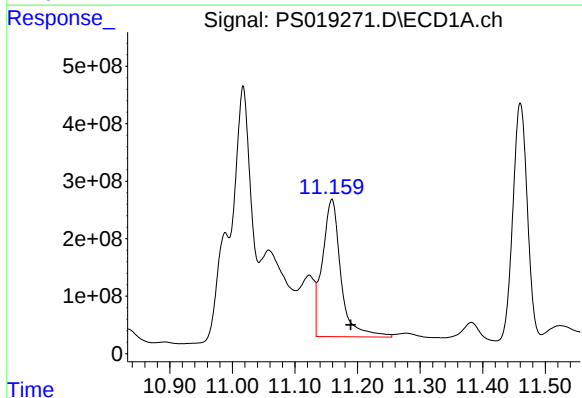
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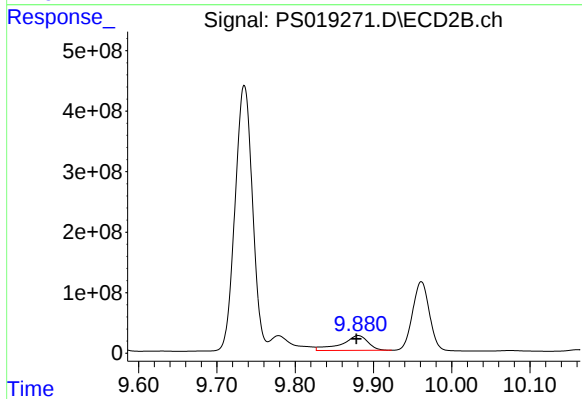
#13 2,4-DB

R.T.: 9.564 min
Delta R.T.: 0.013 min
Response: 324429952
Conc: 570.61 ng/ml



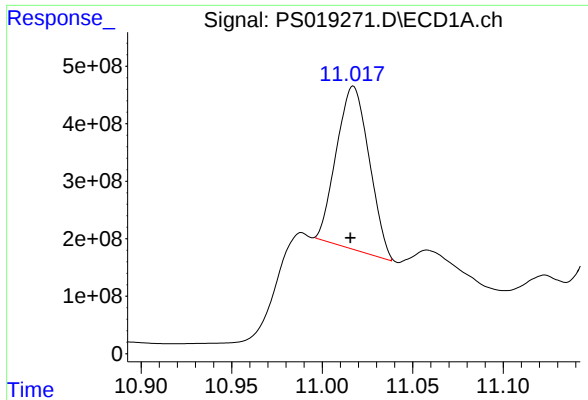
#14 DINOSEB

R.T.: 11.159 min
Delta R.T.: -0.031 min
Response: 4934276753
Conc: 298.84 ng/ml



#14 DINOSEB

R.T.: 9.881 min
Delta R.T.: 0.002 min
Response: 577855985
Conc: 199.41 ng/ml



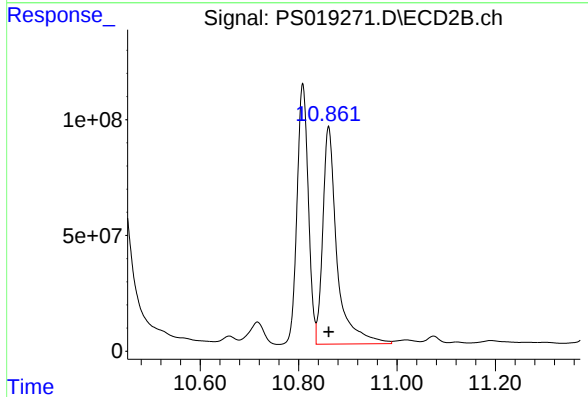
#15 Picloram

R.T.: 11.017 min
Delta R.T.: 0.001 min
Response: 3563411308
Conc: 121.91 ng/ml

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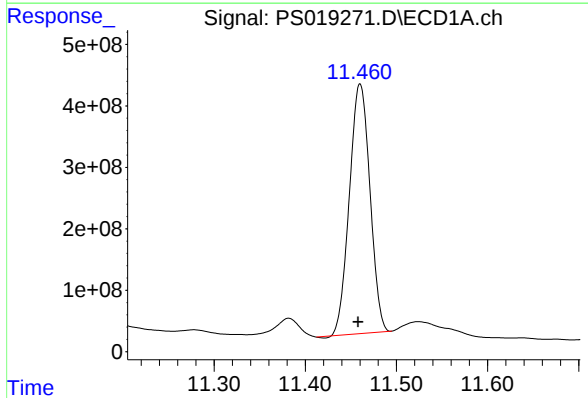
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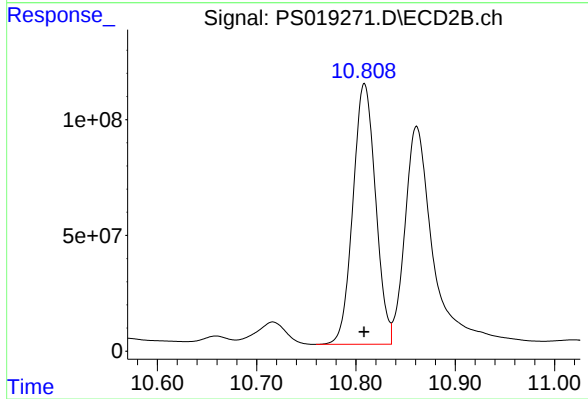
#15 Picloram

R.T.: 10.861 min
Delta R.T.: 0.000 min
Response: 1893653083
Conc: 316.62 ng/ml



#16 DCPA

R.T.: 11.460 min
Delta R.T.: 0.002 min
Response: 6367927787
Conc: 243.32 ng/ml



#16 DCPA

R.T.: 10.809 min
Delta R.T.: 0.000 min
Response: 1781947443
Conc: 303.54 ng/ml