

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042125\
 Data File : PS029894.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2025 00:54
 Operator : AR\AJ
 Sample : Q1828-03MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 RT5417MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/22/2025
 Supervised By : mohammad ahmed 04/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 03:51:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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

System Monitoring Compounds							
4) S	2,4-DCAA	6.944	7.473	340.3E6	161.5E6	166.915	237.029 #
Target Compounds							
1) T	Dalapon	2.450	2.525	1337.1E6	804.7E6	394.160	506.852 #
2) T	3,5-DICHL...	6.148	6.467	459.4E6	115.5E6	152.738	119.640m
5) T	DICAMBA	7.122	7.658	1559.9E6	599.5E6	187.448m	162.309
6) T	MCPD	7.298	7.747	45897183	70428366	8.468	41.711 #
7) T	MCPA	7.441	7.979	108.3E6	88525858	14.899m	38.908m#
8) T	DICHLORPROP	7.830	8.353	242.5E6	112.6E6	110.241	116.573m
9) T	2,4-D	8.023	8.666	578.6E6	259.9E6	240.140	241.007
10) T	Pentachlo...	8.300	9.165	2976.9E6	1556.3E6	97.910m	86.807m
11) T	2,4,5-TP ...	8.867	9.541	1120.5E6	735.0E6	96.467	101.894
12) T	2,4,5-T	9.148	9.948	1112.9E6	751.9E6	96.738m	112.176
13) T	2,4-DB	9.709	10.496	73108015	422.2E6	40.241	568.963 #
14) T	DINOSEB	10.913	10.902	297.0E6	21384835	35.175	4.183m#
15) T	Picloram	10.689	11.912	4591.2E6	3664.0E6	296.198	309.865m
16) T	DCPA	11.172	11.906	5973.6E6	4260.1E6	427.723m	481.327m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042125\
Data File : PS029894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 00:54
Operator : AR\AJ
Sample : Q1828-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

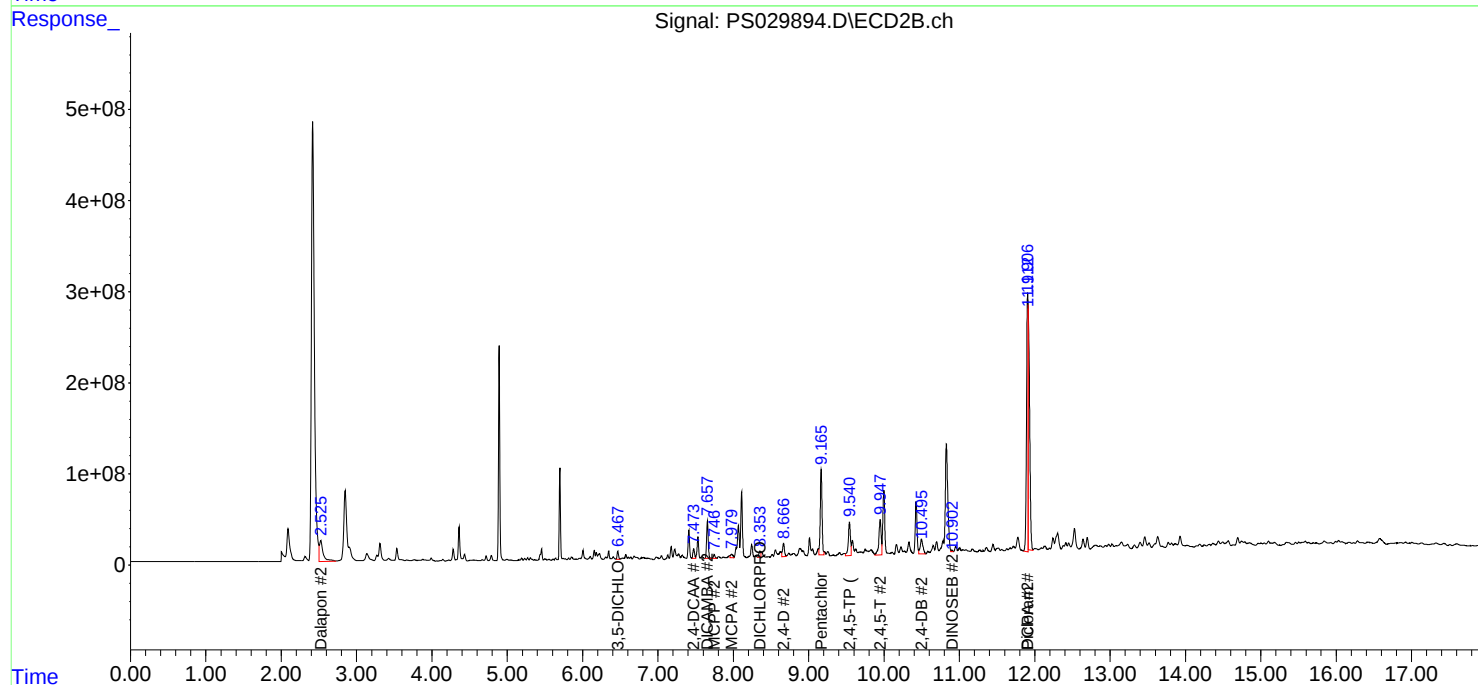
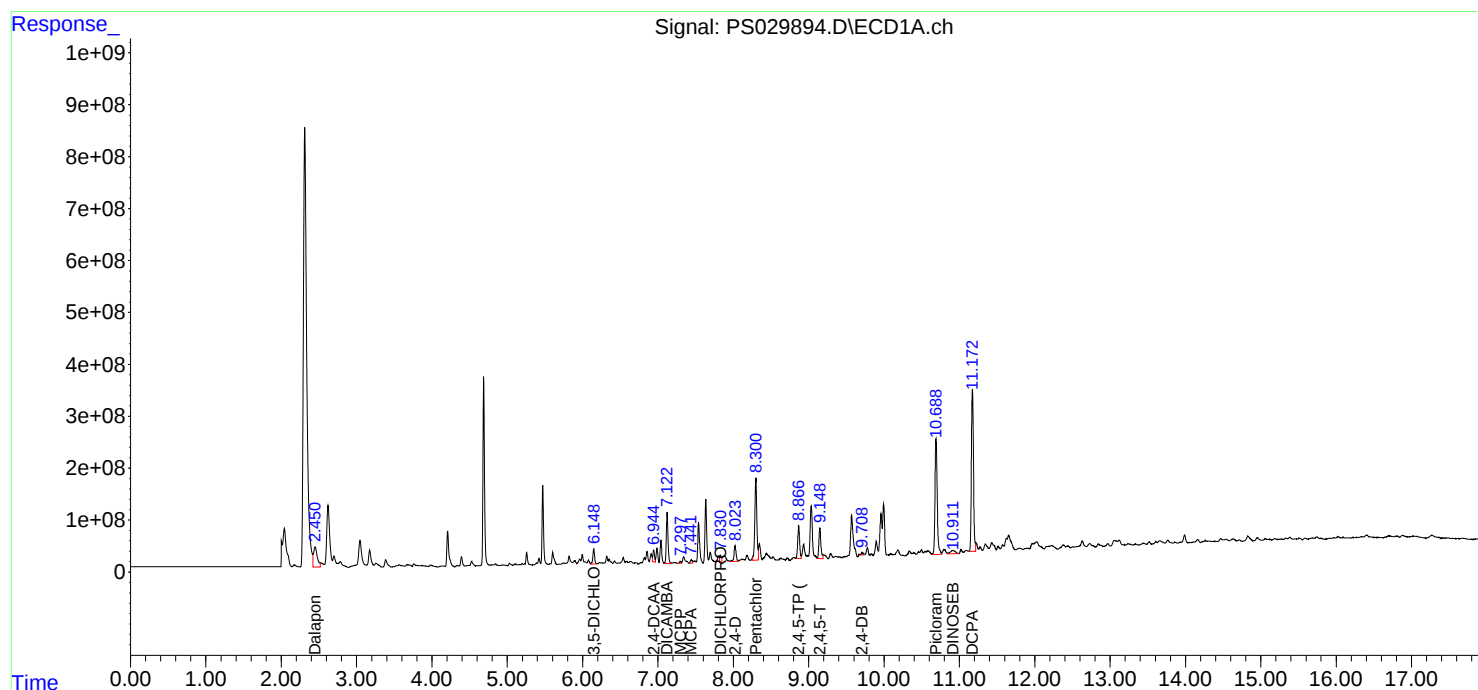
Instrument :
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ClientSampleId :
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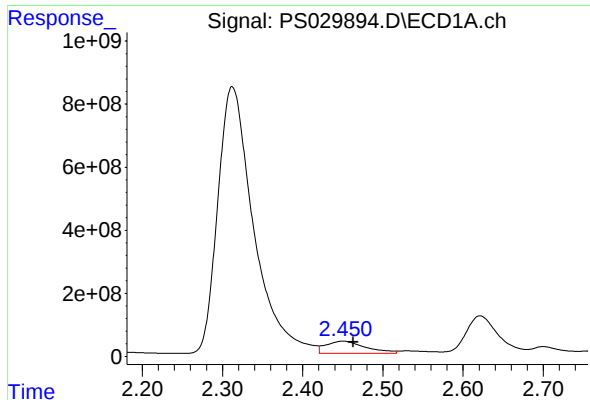
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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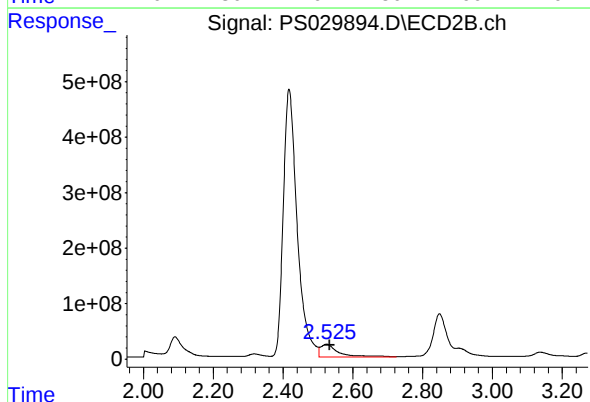
#1 Dalapon

R.T.: 2.450 min
Delta R.T.: -0.013 min
Response: 1337145241
Conc: 394.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
RT5417MSD

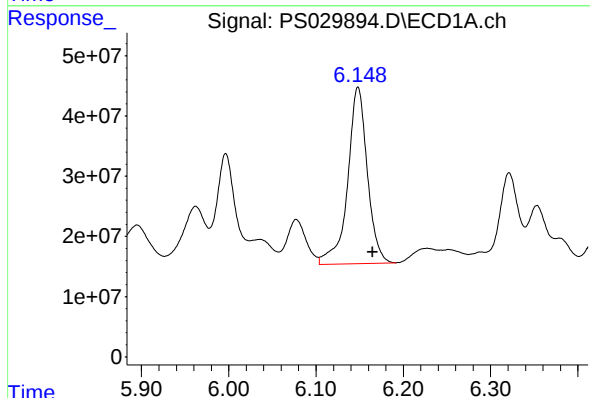
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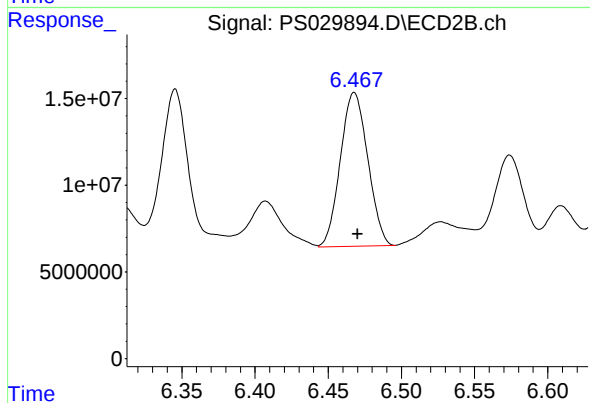
#1 Dalapon

R.T.: 2.525 min
Delta R.T.: -0.008 min
Response: 804675770
Conc: 506.85 ng/ml



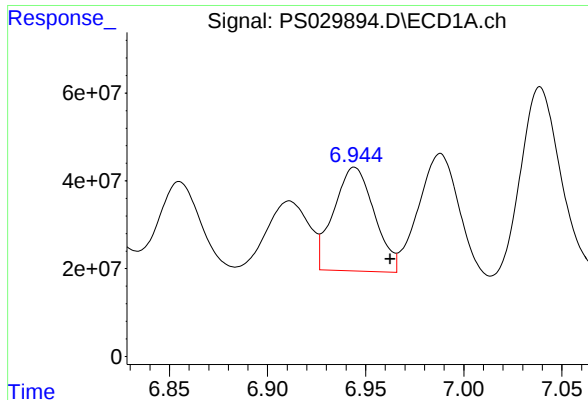
#2 3,5-DICHLORO BENZOIC ACID

R.T.: 6.148 min
Delta R.T.: -0.017 min
Response: 459397867
Conc: 152.74 ng/ml



#2 3,5-DICHLORO BENZOIC ACID

R.T.: 6.467 min
Delta R.T.: -0.003 min
Response: 115519122
Conc: 119.64 ng/ml m



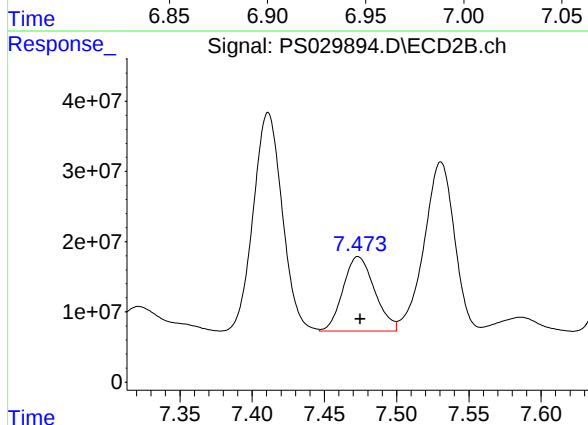
#4 2,4-DCAA

R.T.: 6.944 min
Delta R.T.: -0.018 min
Response: 340311877
Conc: 166.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
RT5417MSD

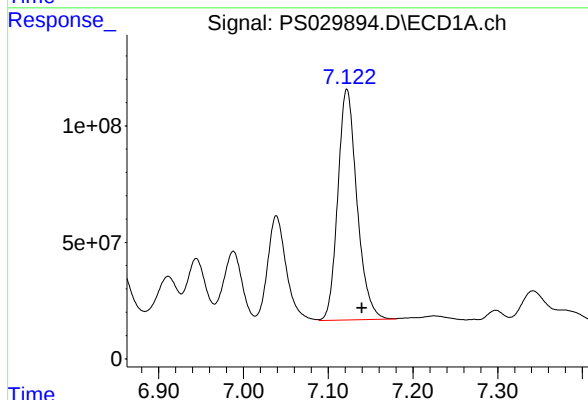
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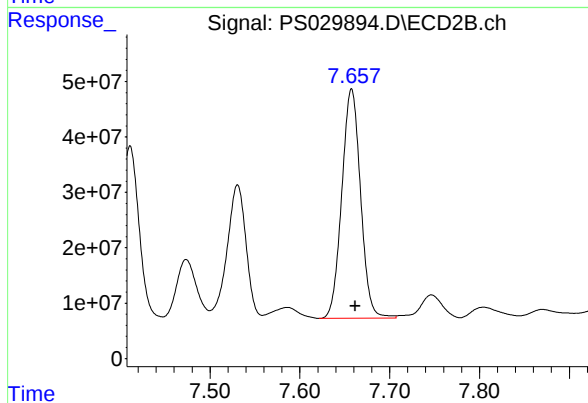
#4 2,4-DCAA

R.T.: 7.473 min
Delta R.T.: -0.001 min
Response: 161538424
Conc: 237.03 ng/ml



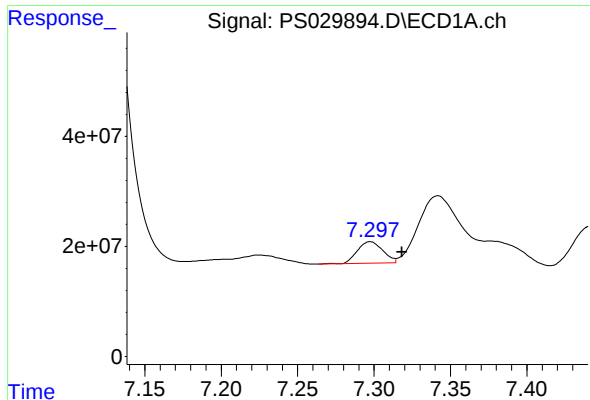
#5 DICAMBA

R.T.: 7.122 min
Delta R.T.: -0.018 min
Response: 1559932829
Conc: 187.45 ng/ml m



#5 DICAMBA

R.T.: 7.658 min
Delta R.T.: -0.004 min
Response: 599468721
Conc: 162.31 ng/ml



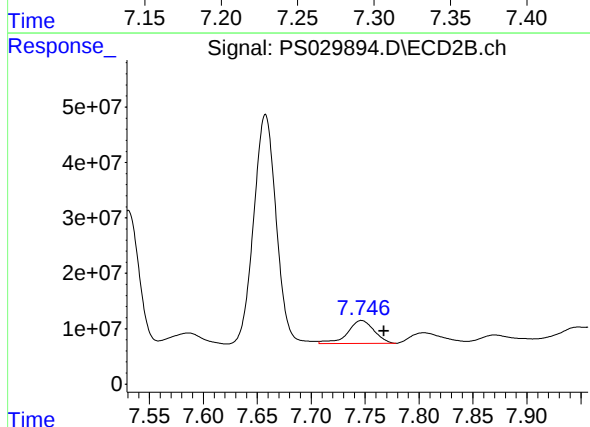
#6 MCPP

R.T.: 7.298 min
Delta R.T.: -0.021 min
Response: 45897183
Conc: 8.47 ug/ml

Instrument :
ECD_S
ClientSampleId :
RT5417MSD

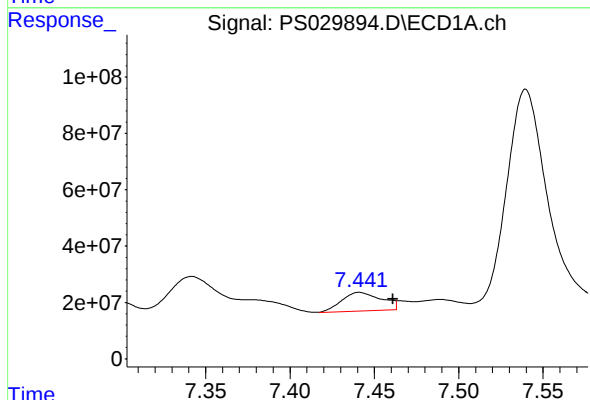
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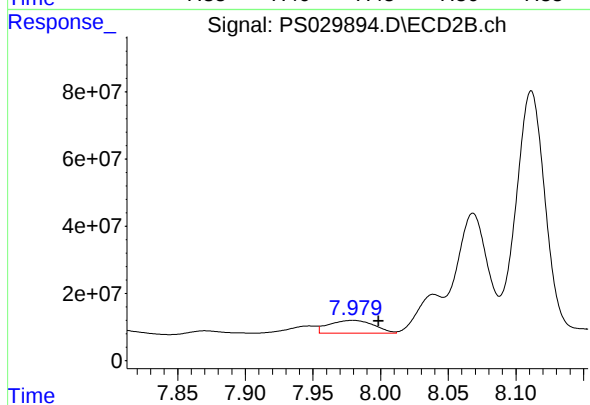
#6 MCPP

R.T.: 7.747 min
Delta R.T.: -0.021 min
Response: 70428366
Conc: 41.71 ug/ml



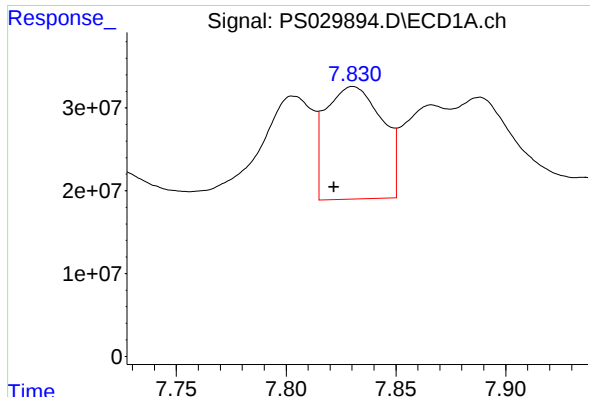
#7 MCPA

R.T.: 7.441 min
Delta R.T.: -0.021 min
Response: 108301523
Conc: 14.90 ug/ml m



#7 MCPA

R.T.: 7.979 min
Delta R.T.: -0.019 min
Response: 88525858
Conc: 38.91 ug/ml m



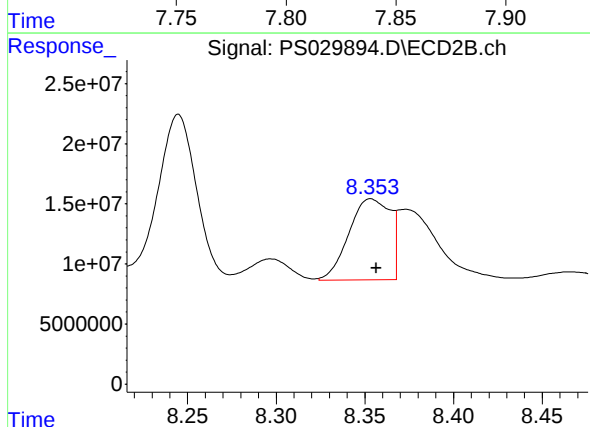
#8 DICHLORPROP

R.T.: 7.830 min
Delta R.T.: 0.008 min
Response: 242468210
Conc: 110.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
RT5417MSD

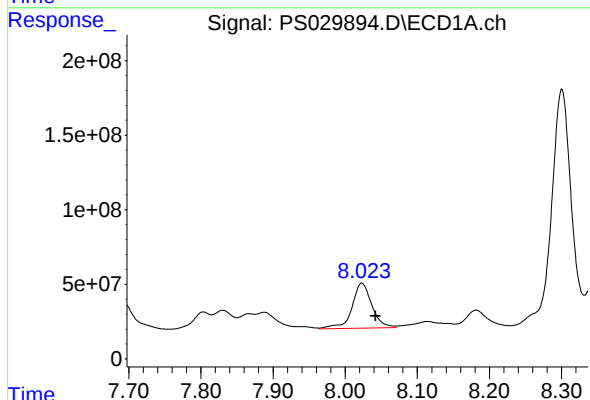
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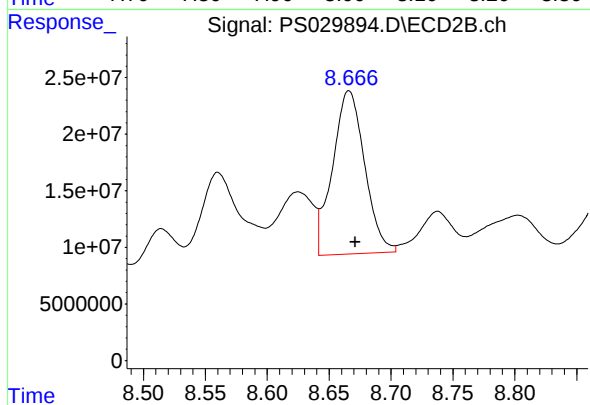
#8 DICHLORPROP

R.T.: 8.353 min
Delta R.T.: -0.004 min
Response: 112627078
Conc: 116.57 ng/ml m



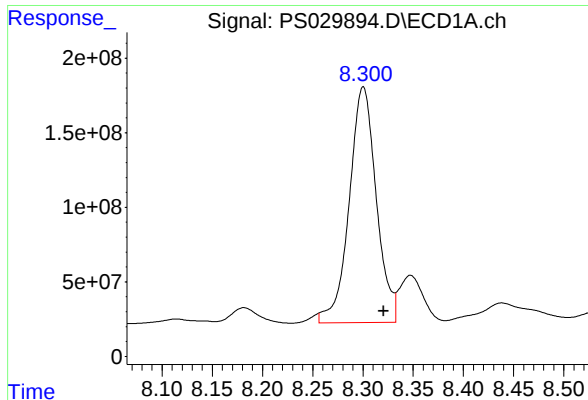
#9 2,4-D

R.T.: 8.023 min
Delta R.T.: -0.019 min
Response: 578638800
Conc: 240.14 ng/ml



#9 2,4-D

R.T.: 8.666 min
Delta R.T.: -0.005 min
Response: 259917058
Conc: 241.01 ng/ml



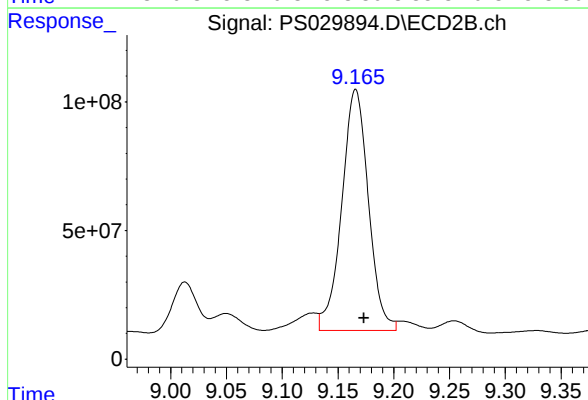
#10 Pentachlorophenol

R.T.: 8.300 min
Delta R.T.: -0.021 min
Response: 2976943805
Conc: 97.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
RT5417MSD

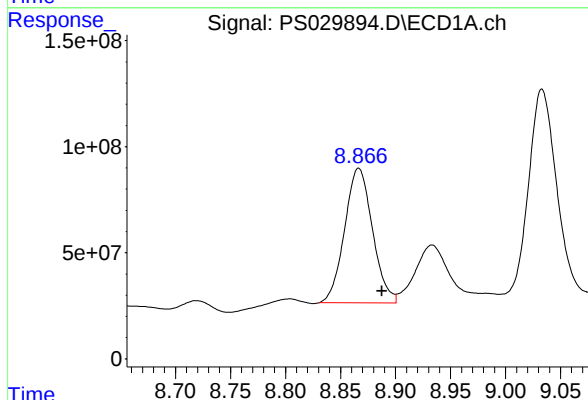
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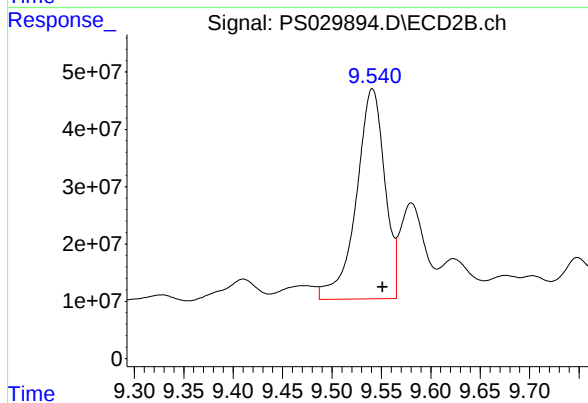
#10 Pentachlorophenol

R.T.: 9.165 min
Delta R.T.: -0.008 min
Response: 1556260293
Conc: 86.81 ng/ml



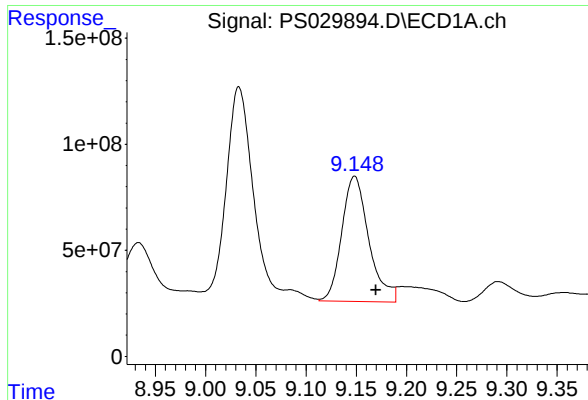
#11 2,4,5-TP (SILVEX)

R.T.: 8.867 min
Delta R.T.: -0.021 min
Response: 1120493060
Conc: 96.47 ng/ml



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

R.T.: 9.541 min
Delta R.T.: -0.011 min
Response: 734957696
Conc: 101.89 ng/ml



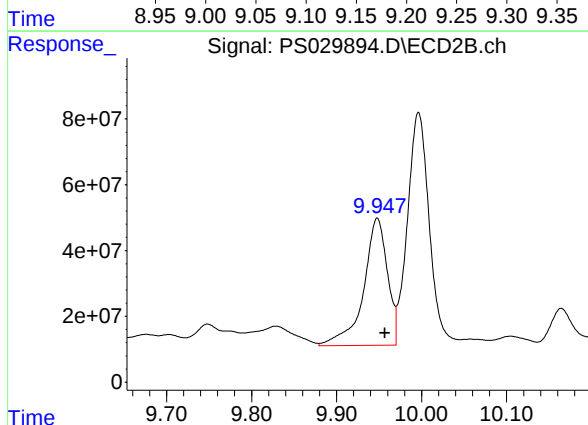
#12 2,4,5-T

R.T.: 9.148 min
Delta R.T.: -0.022 min
Response: 1112919609
Conc: 96.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
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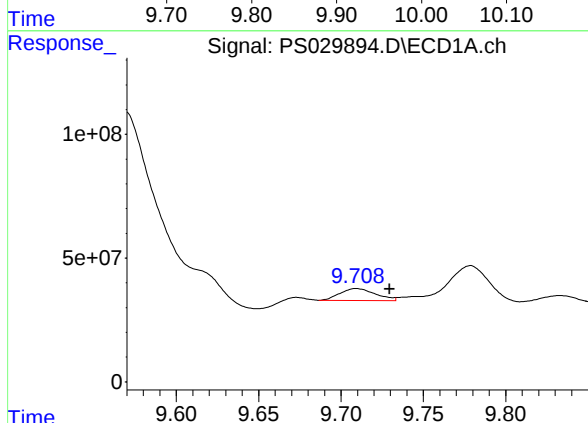
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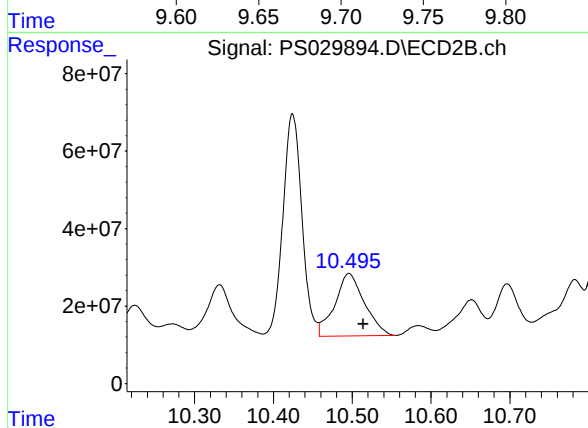
#12 2,4,5-T

R.T.: 9.948 min
Delta R.T.: -0.009 min
Response: 751900112
Conc: 112.18 ng/ml



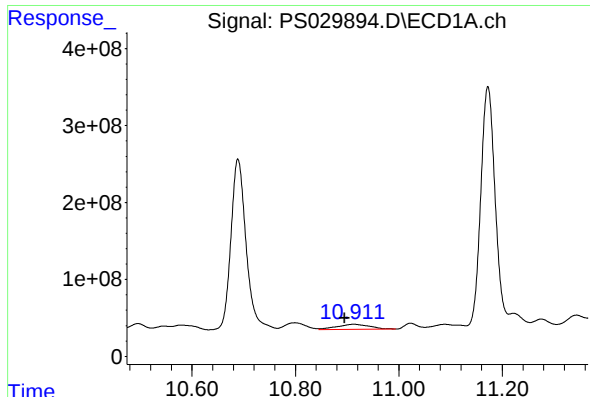
#13 2,4-DB

R.T.: 9.709 min
Delta R.T.: -0.020 min
Response: 73108015
Conc: 40.24 ng/ml



#13 2,4-DB

R.T.: 10.496 min
Delta R.T.: -0.018 min
Response: 422156759
Conc: 568.96 ng/ml



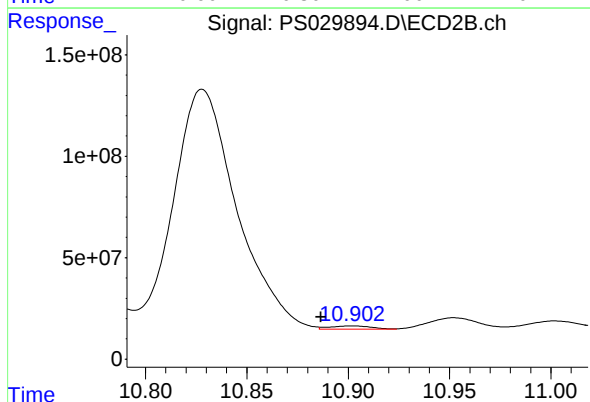
#14 DINOSEB

R.T.: 10.913 min
Delta R.T.: 0.017 min
Response: 296951878
Conc: 35.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
RT5417MSD

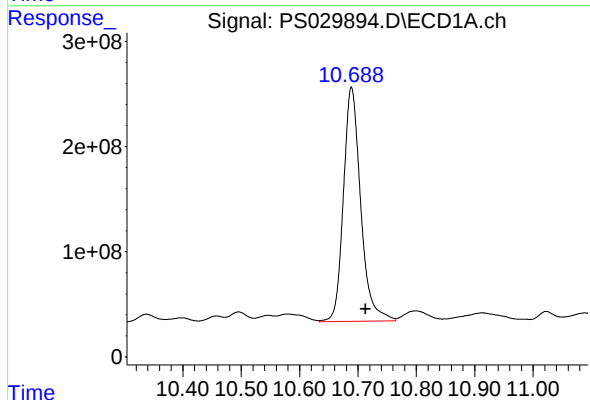
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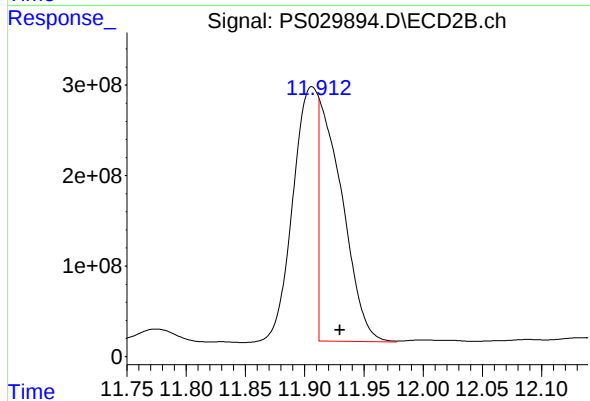
#14 DINOSEB

R.T.: 10.902 min
Delta R.T.: 0.015 min
Response: 21384835
Conc: 4.18 ng/ml



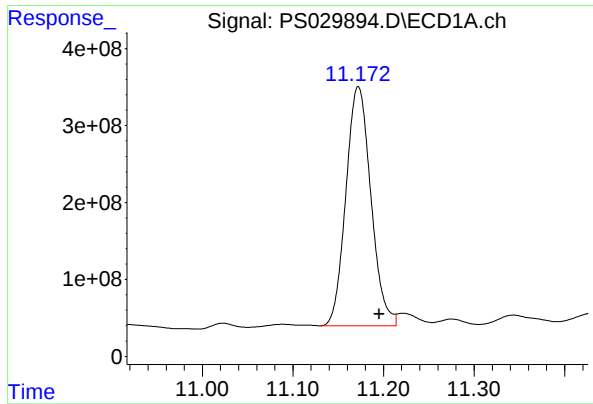
#15 Picloram

R.T.: 10.689 min
Delta R.T.: -0.024 min
Response: 4591187595
Conc: 296.20 ng/ml



#15 Picloram

R.T.: 11.912 min
Delta R.T.: -0.018 min
Response: 3663972946
Conc: 309.86 ng/ml



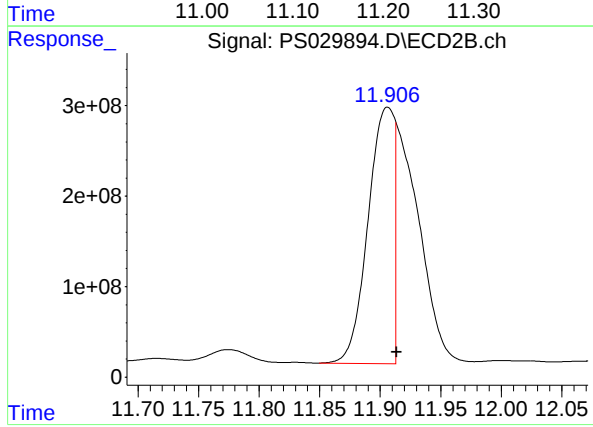
#16 DCPA

R.T.: 11.172 min
Delta R.T.: -0.024 min
Response: 5973621053
Conc: 427.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
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#16 DCPA

R.T.: 11.906 min
Delta R.T.: -0.008 min
Response: 4260059811
Conc: 481.33 ng/ml m