

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS033123\
 Data File : PS022565.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2023 18:24
 Operator : AR\AJ
 Sample : 02105-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WV-SOIL2-0327MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/03/2023
 Supervised By : Ankita Jodhani 04/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 22:07:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032023.M
 Quant Title : 8080.M
 QLast Update : Mon Mar 20 15:46:44 2023
 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	6.294	6.719	488.6E6	477.7E6	199.901	231.925
Target Compounds							
1) T	Dalapon	2.406	2.476	317.4E6	879.8E6	101.767m	269.596m#
2) T	3,5-DICHL...	5.682	5.923	214.6E6	176.7E6	57.624	55.424m
3) T	4-Nitroph...	6.152	6.354	169.2E6	166.3E6	123.524	118.419
5) T	DICAMBA	6.431	6.875	906.2E6	728.2E6	88.145	73.812
6) T	MCP	6.577	6.966	20346325	29584923	2.676	3.801 #
7) T	MCPA	6.697	7.174	78787762	89834891	7.549m	8.551m
8) T	DICHLORPROP	7.016	7.500	130.4E6	204.7E6	49.187	82.206 #
9) T	2,4-D	7.227	7.793	230.8E6	249.1E6	70.389	84.201
10) T	Pentachlo...	7.437	8.204	1841.6E6	1685.2E6	52.339	51.340
11) T	2,4,5-TP ...	7.963	8.567	566.3E6	581.2E6	37.884	42.670
12) T	2,4,5-T	8.228	8.947	815.5E6	596.2E6	49.664	47.390
13) T	2,4-DB	8.736	9.452	215.2E6	66615789	71.372	39.669m#
14) T	DINOSEB	9.768	9.770	284.8E6	148.7E6	21.976	15.506 #
15) T	Picloram	9.623	10.746	2678.9E6	2386.2E6	107.927	118.911
16) T	DCPA	10.035	10.694	3611.7E6	2503.5E6	175.103	157.827

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

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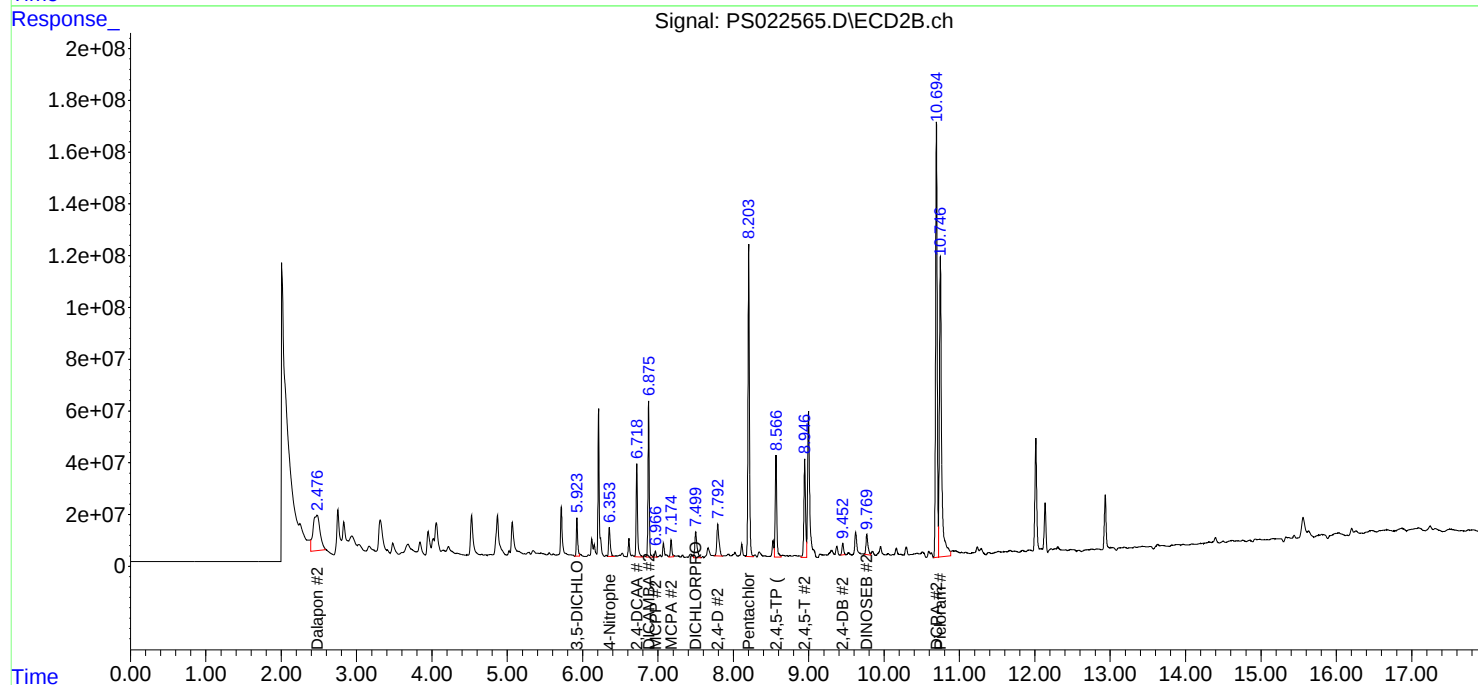
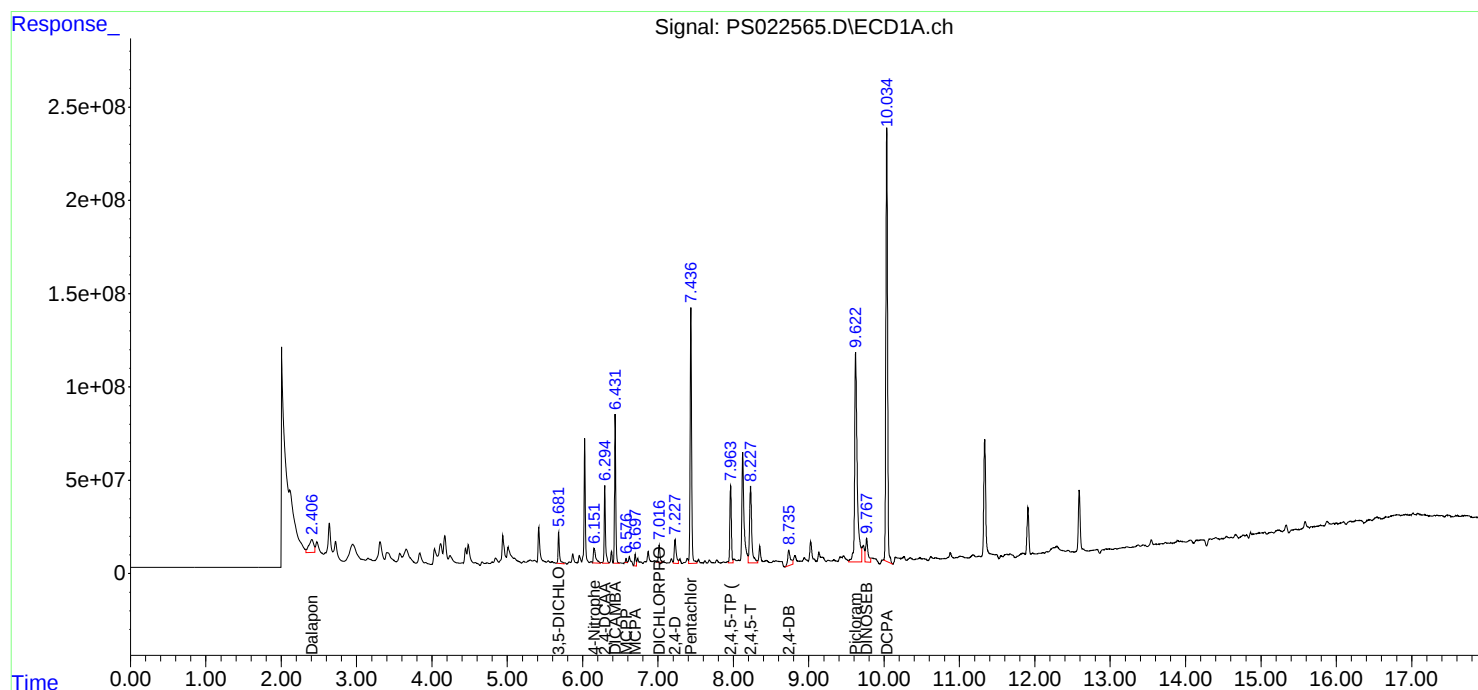
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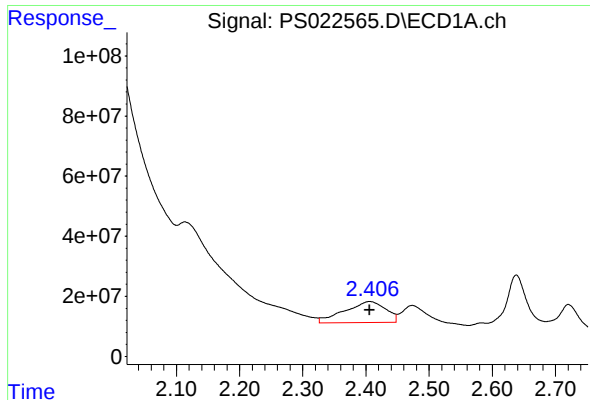
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Supervised By :Ankita Jodhani 04/03/2023

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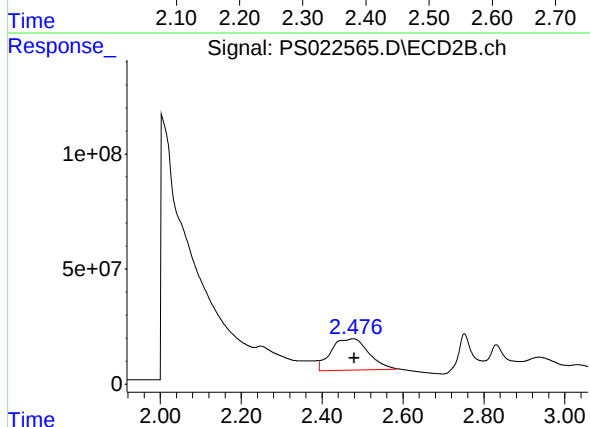
#1 Dalapon

R.T.: 2.406 min
Delta R.T.: 0.000 min
Response: 317369452
Conc: 101.77 ng/ml

Instrument :
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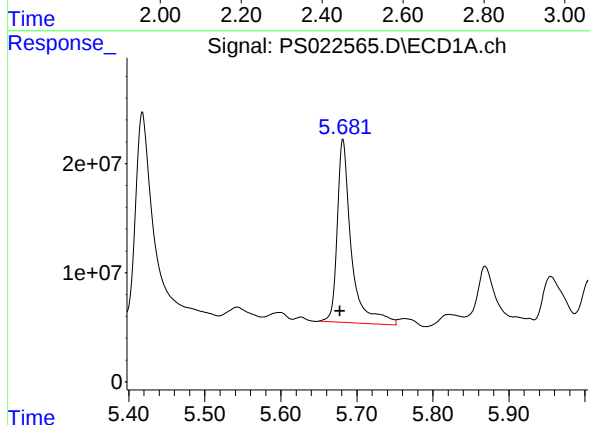
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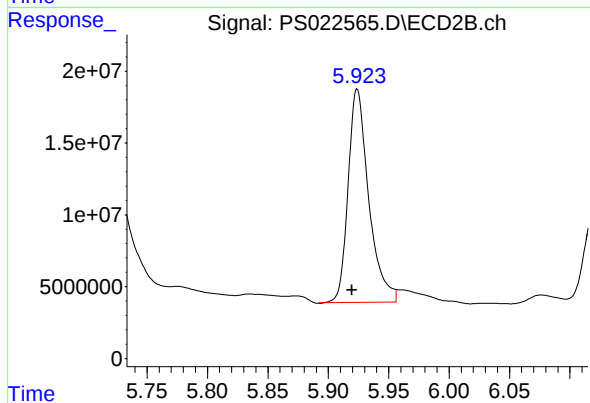
#1 Dalapon

R.T.: 2.476 min
Delta R.T.: -0.003 min
Response: 879829870
Conc: 269.60 ng/ml m



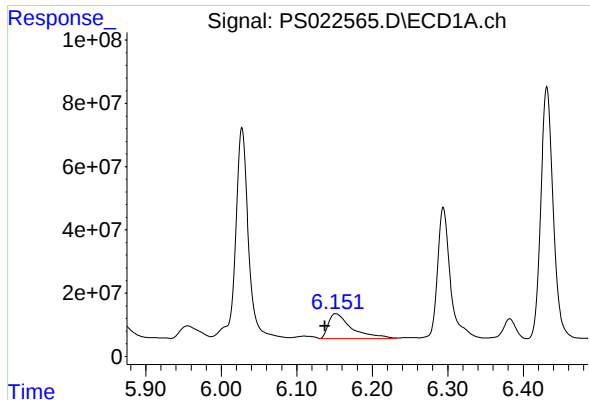
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.682 min
Delta R.T.: 0.004 min
Response: 214552186
Conc: 57.62 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.923 min
Delta R.T.: 0.004 min
Response: 176743698
Conc: 55.42 ng/ml m



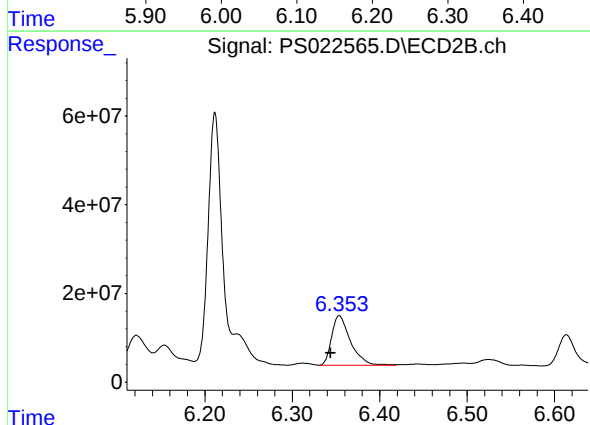
#3 4-Nitrophenol

R.T.: 6.152 min
Delta R.T.: 0.015 min
Response: 169249985
Conc: 123.52 ng/ml

Instrument :
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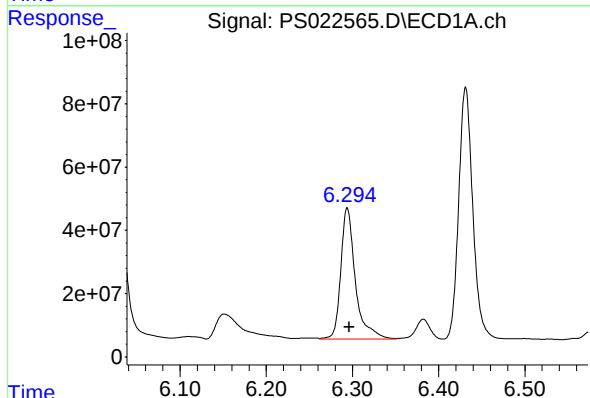
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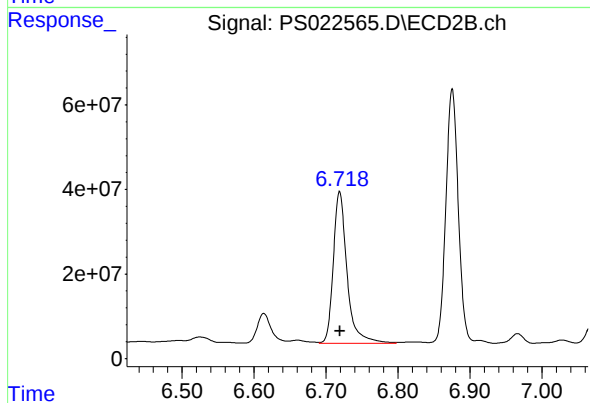
#3 4-Nitrophenol

R.T.: 6.354 min
Delta R.T.: 0.010 min
Response: 166258708
Conc: 118.42 ng/ml



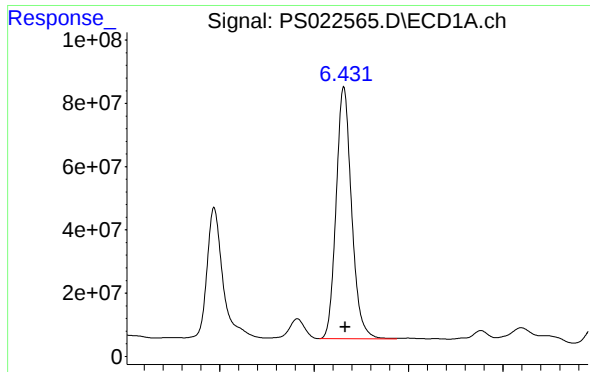
#4 2,4-DCAA

R.T.: 6.294 min
Delta R.T.: -0.002 min
Response: 488635460
Conc: 199.90 ng/ml



#4 2,4-DCAA

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 477692015
Conc: 231.92 ng/ml



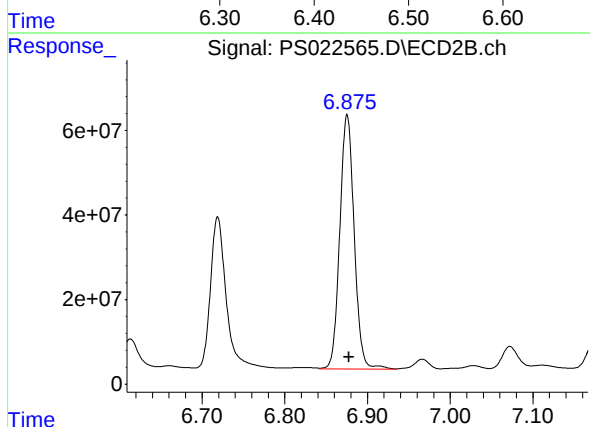
#5 DICAMBA

R.T.: 6.431 min
Delta R.T.: -0.002 min
Response: 906157992
Conc: 88.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
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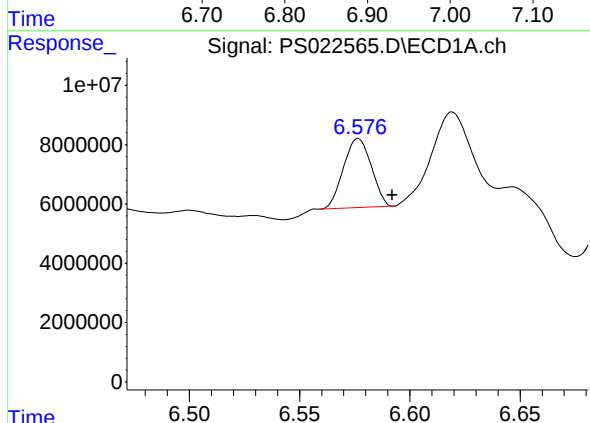
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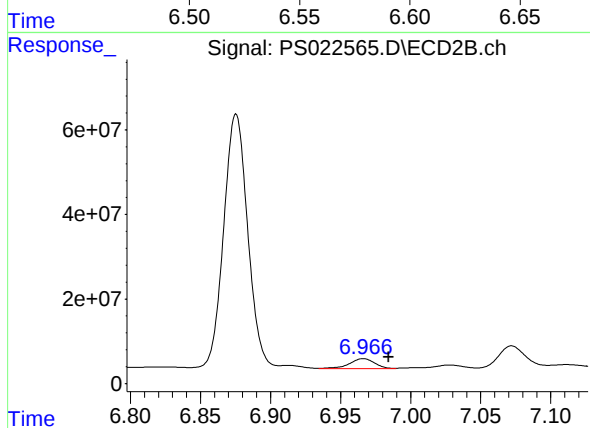
#5 DICAMBA

R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 728155950
Conc: 73.81 ng/ml



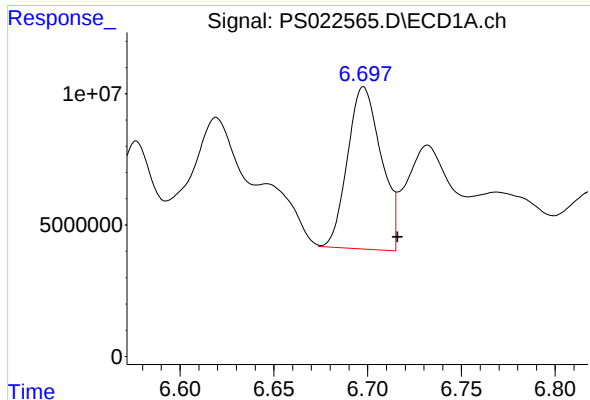
#6 MCP

R.T.: 6.577 min
Delta R.T.: -0.015 min
Response: 20346325
Conc: 2.68 ug/ml



#6 MCP

R.T.: 6.966 min
Delta R.T.: -0.018 min
Response: 29584923
Conc: 3.80 ug/ml



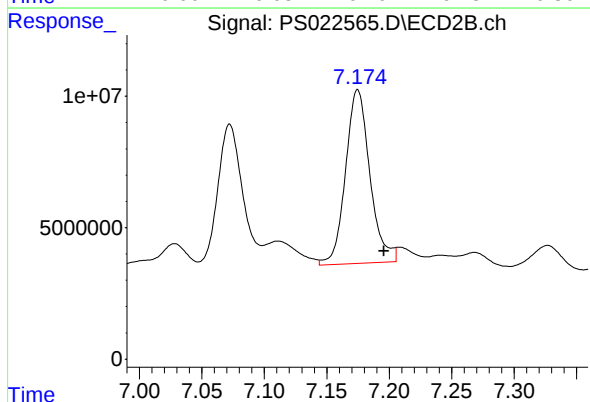
#7 MCPA

R.T.: 6.697 min
Delta R.T.: -0.019 min
Response: 78787762
Conc: 7.55 ug/ml

Instrument :
ECD_S
ClientSampleId :
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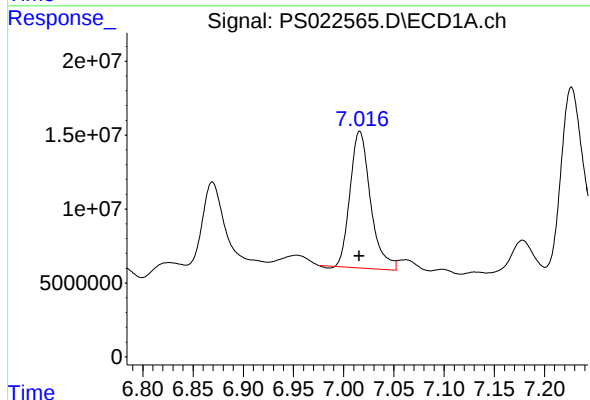
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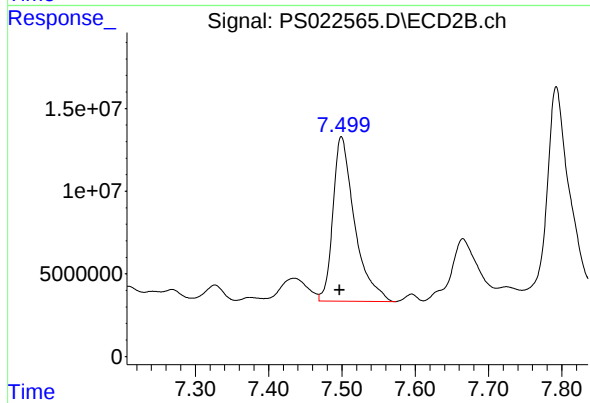
#7 MCPA

R.T.: 7.174 min
Delta R.T.: -0.022 min
Response: 89834891
Conc: 8.55 ug/ml



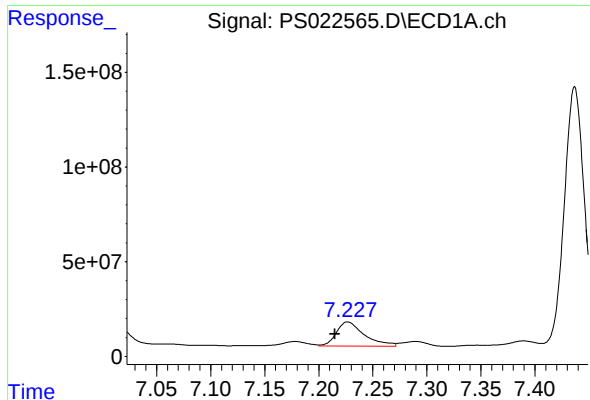
#8 DICHLORPROP

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 130358883
Conc: 49.19 ng/ml



#8 DICHLORPROP

R.T.: 7.500 min
Delta R.T.: 0.003 min
Response: 204695413
Conc: 82.21 ng/ml



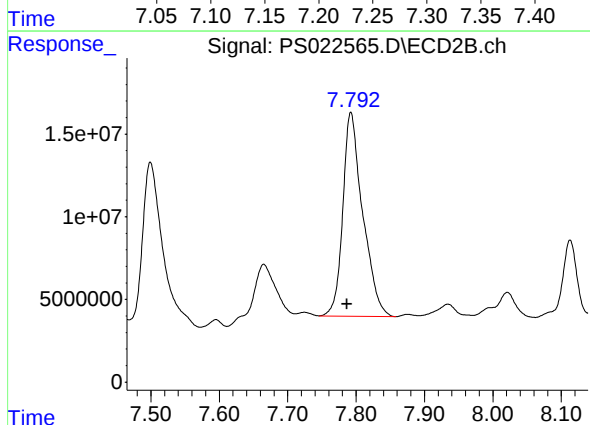
#9 2,4-D

R.T.: 7.227 min
Delta R.T.: 0.012 min
Response: 230804992
Conc: 70.39 ng/ml

Instrument :
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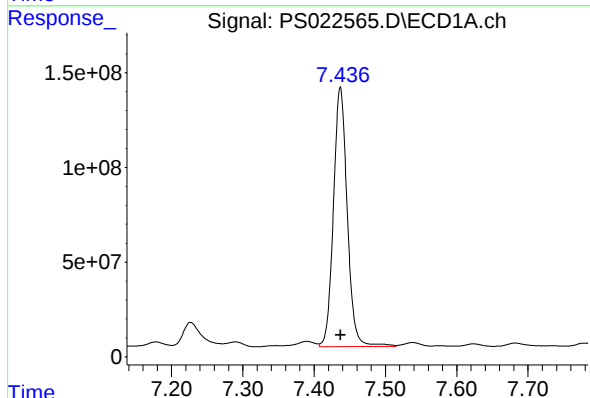
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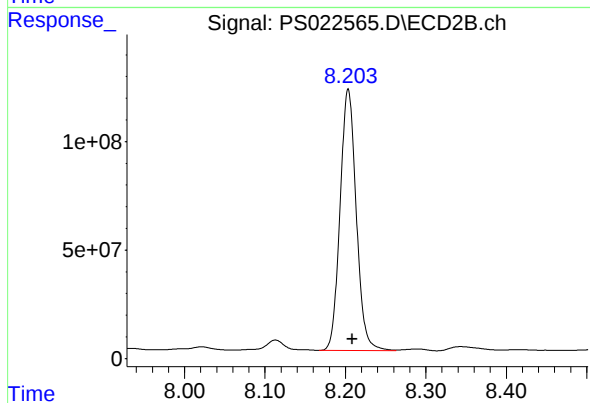
#9 2,4-D

R.T.: 7.793 min
Delta R.T.: 0.006 min
Response: 249108449
Conc: 84.20 ng/ml



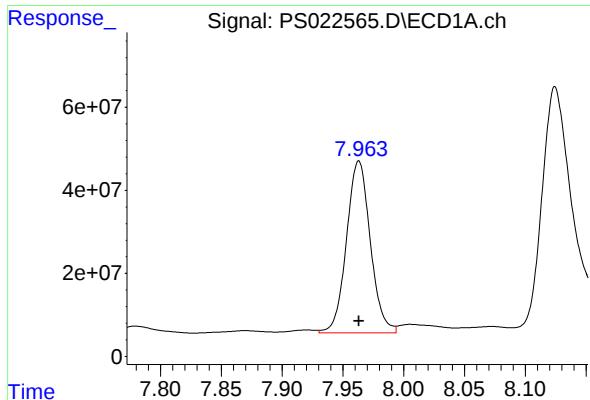
#10 Pentachlorophenol

R.T.: 7.437 min
Delta R.T.: 0.000 min
Response: 1841559242
Conc: 52.34 ng/ml



#10 Pentachlorophenol

R.T.: 8.204 min
Delta R.T.: -0.005 min
Response: 1685210979
Conc: 51.34 ng/ml



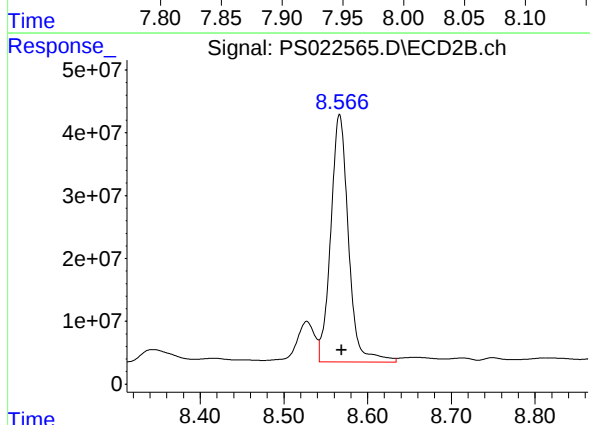
#11 2,4,5-TP (SILVEX)

R.T.: 7.963 min
Delta R.T.: 0.000 min
Response: 566269609
Conc: 37.88 ng/ml

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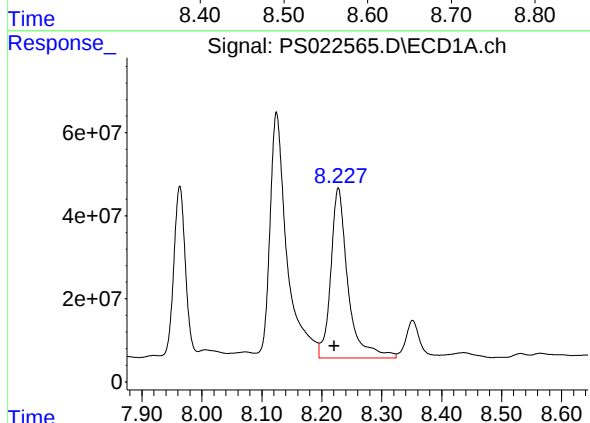
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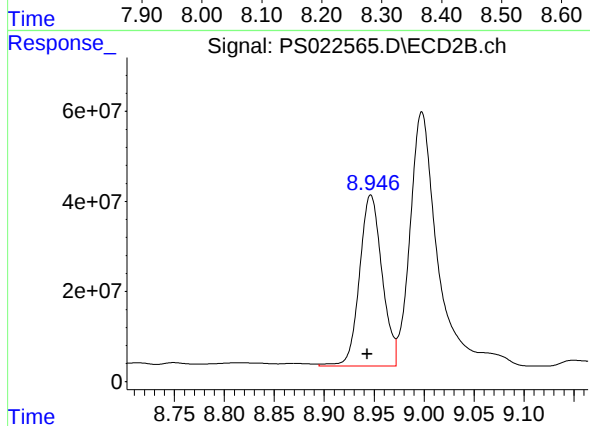
#11 2,4,5-TP (SILVEX)

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 581247893
Conc: 42.67 ng/ml



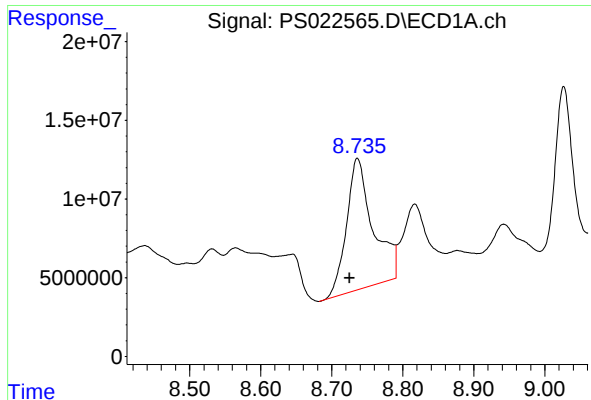
#12 2,4,5-T

R.T.: 8.228 min
Delta R.T.: 0.007 min
Response: 815538169
Conc: 49.66 ng/ml



#12 2,4,5-T

R.T.: 8.947 min
Delta R.T.: 0.003 min
Response: 596152576
Conc: 47.39 ng/ml



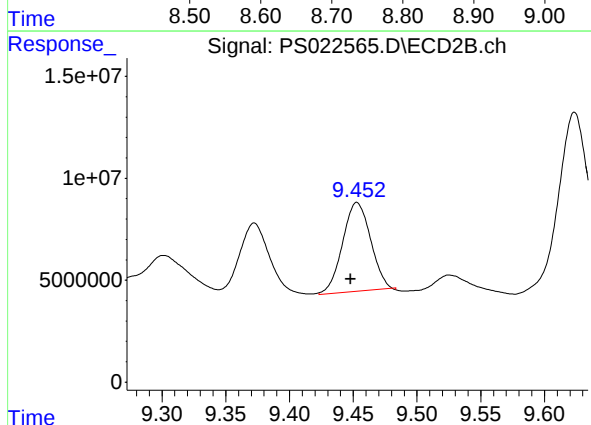
#13 2,4-DB

R.T.: 8.736 min
Delta R.T.: 0.011 min
Response: 215206330
Conc: 71.37 ng/ml

Instrument :
ECD_S
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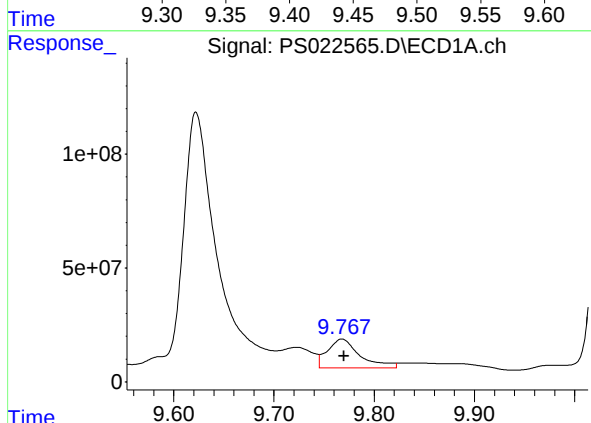
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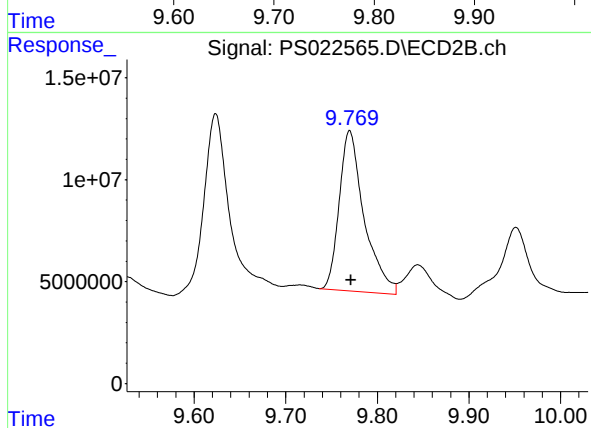
#13 2,4-DB

R.T.: 9.452 min
Delta R.T.: 0.004 min
Response: 66615789
Conc: 39.67 ng/ml



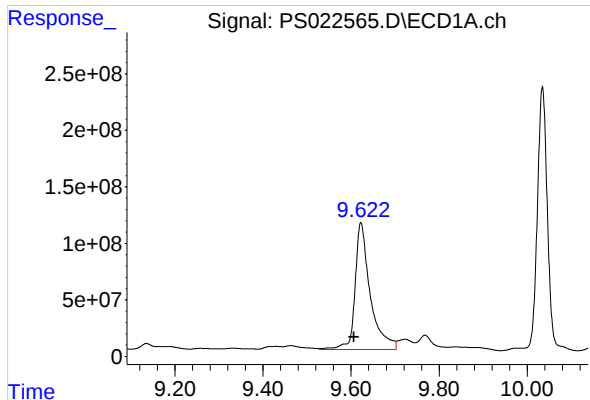
#14 DINOSEB

R.T.: 9.768 min
Delta R.T.: -0.002 min
Response: 284798039
Conc: 21.98 ng/ml



#14 DINOSEB

R.T.: 9.770 min
Delta R.T.: -0.002 min
Response: 148724317
Conc: 15.51 ng/ml



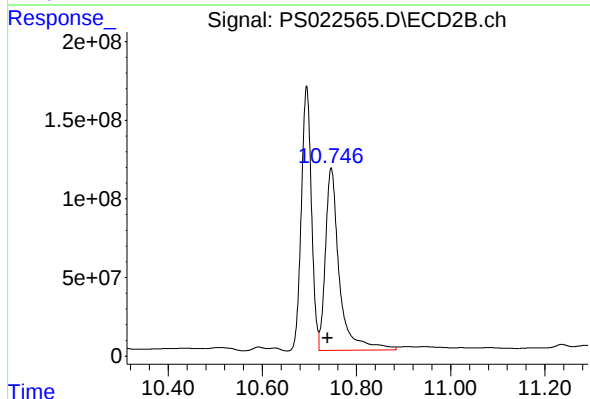
#15 Picloram

R.T.: 9.623 min
Delta R.T.: 0.016 min
Response: 2678887840
Conc: 107.93 ng/ml

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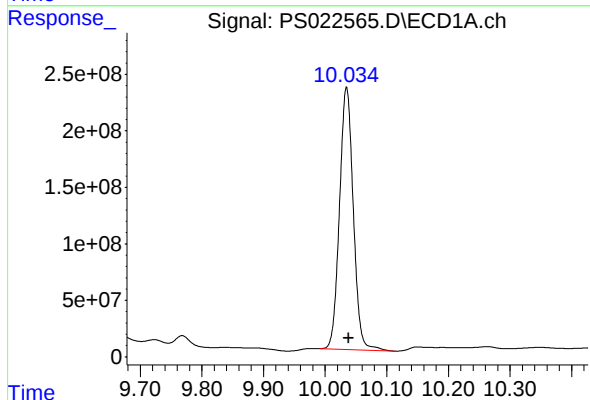
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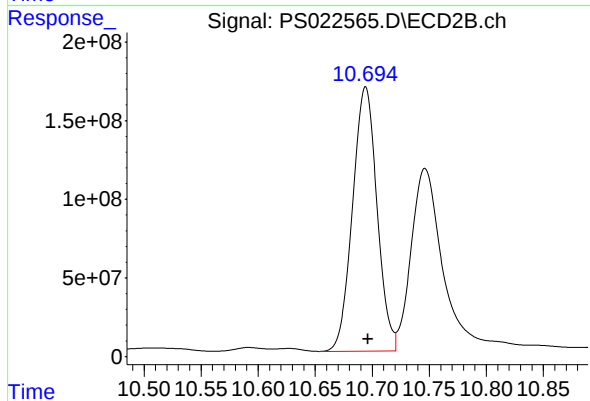
#15 Picloram

R.T.: 10.746 min
Delta R.T.: 0.007 min
Response: 2386187102
Conc: 118.91 ng/ml



#16 DCPA

R.T.: 10.035 min
Delta R.T.: -0.003 min
Response: 3611728281
Conc: 175.10 ng/ml



#16 DCPA

R.T.: 10.694 min
Delta R.T.: -0.002 min
Response: 2503489600
Conc: 157.83 ng/ml