

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042224\
 Data File : PS026515.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2024 21:49
 Operator : AR\AJ
 Sample : P2178-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TOPSOIL-LKWD-DENALI-6MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/23/2024
 Supervised By :Ankita Jodhani 04/23/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 04:31:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS041924.M
 Quant Title : 8080.M
 QLast Update : Fri Apr 19 12:45:38 2024
 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 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	7.311	7.800	453.5E6	325.5E6	184.327m	183.567m
Target Compounds							
1) T	Dalapon	2.668	2.715	821.5E6	904.7E6	216.525m	319.490m#
2) T	3,5-DICHL...	6.471	6.743	536.3E6	401.4E6	158.994	165.446m
3) T	4-Nitroph...	7.114	7.324	387.1E6	277.4E6	238.585	230.777m
5) T	DICAMBA	7.502	8.002	1986.7E6	1468.1E6	197.244	185.327m
6) T	MCPD	7.681	8.100	96022635	69807512	13.076m	12.551
7) T	MCPA	7.831	8.345	191.0E6	119.8E6	17.776	14.768m
8) T	DICHLORPROP	8.213	8.720	415.0E6	281.6E6	141.359m	134.141
9) T	2,4-D	8.445	9.052	771.5E6	494.8E6	237.167	215.319m
10) T	Pentachlo...	8.745	9.584	6176.6E6	3917.0E6	150.379	130.556
11) T	2,4,5-TP ...	9.330	9.950	2293.3E6	1506.8E6	136.395	124.613m
12) T	2,4,5-T	9.626	10.381	2518.7E6	1647.7E6	143.576	134.948
14) T	DINOSEB	11.419	11.327	177.5E6	212.6E6	15.834m	25.890m#
15) T	Picloram	11.225	12.425	5439.3E6	4002.3E6	234.366	218.331
16) T	DCPA	11.709	12.371	5140.9E6	4068.9E6	264.023m	273.554

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

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Acq On : 22 Apr 2024 21:49
Operator : AR\AJ
Sample : P2178-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

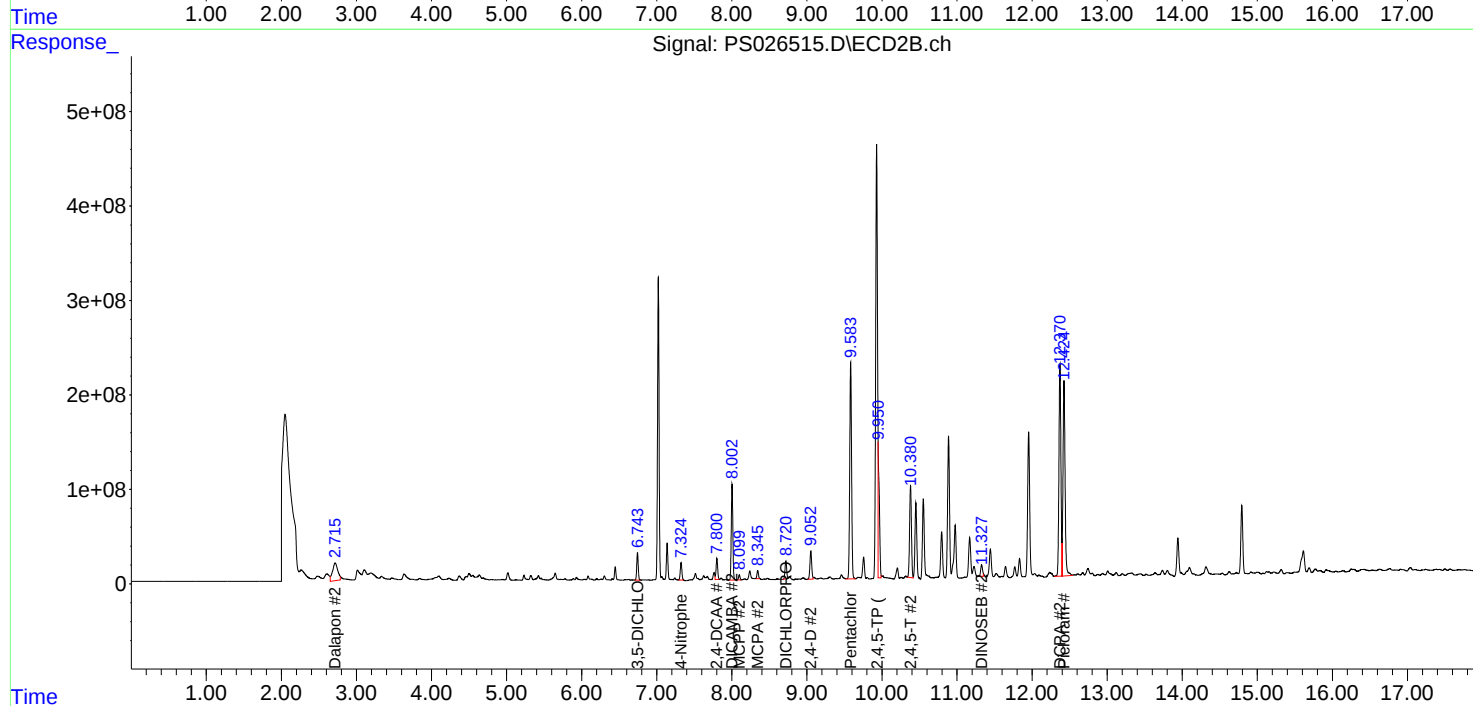
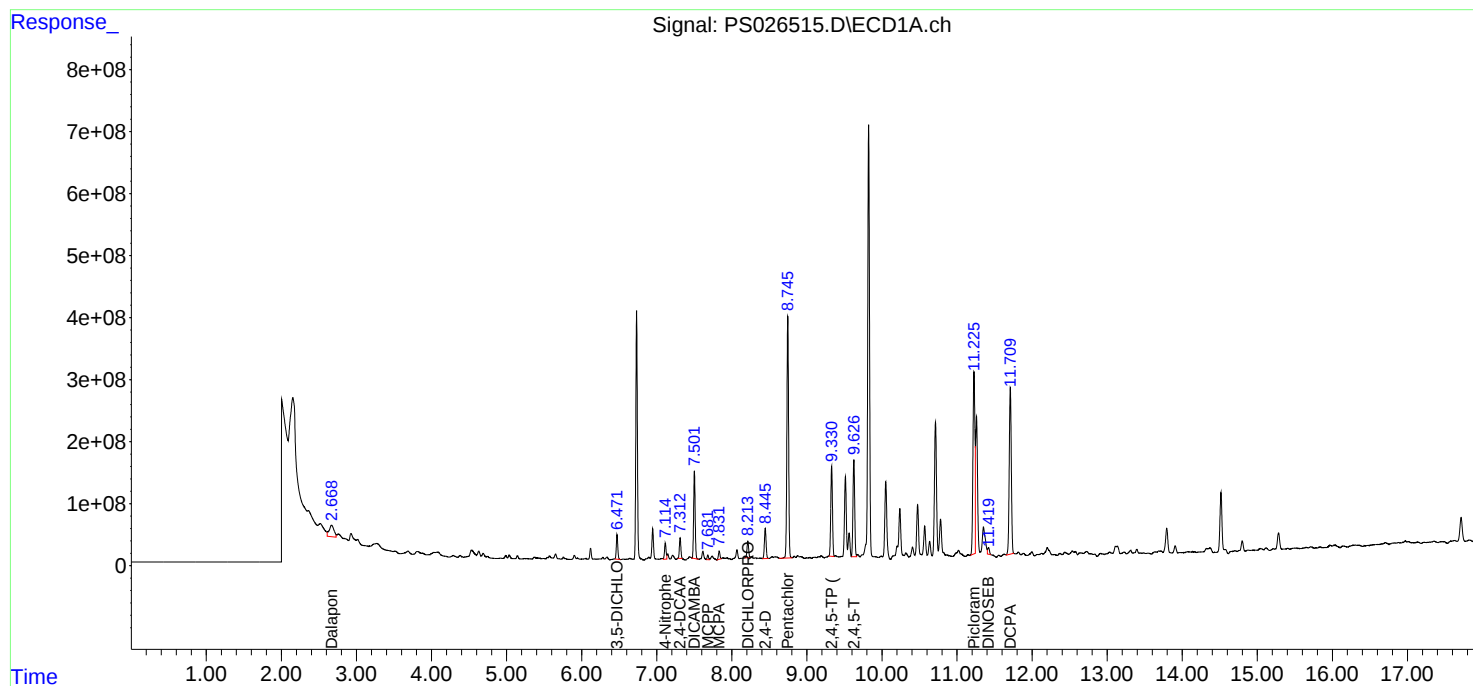
Instrument :
ECD_S
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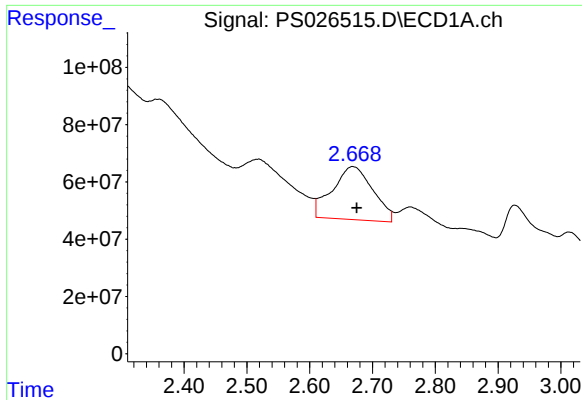
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS041924.M
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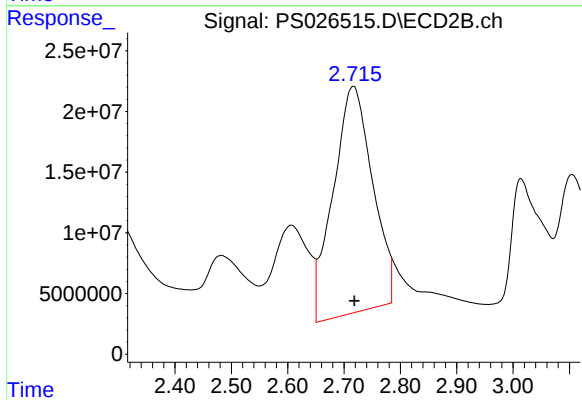
#1 Dalapon

R.T.: 2.668 min
Delta R.T.: -0.007 min
Response: 821476473
Conc: 216.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOIL-LKWD-DENALI-6MS

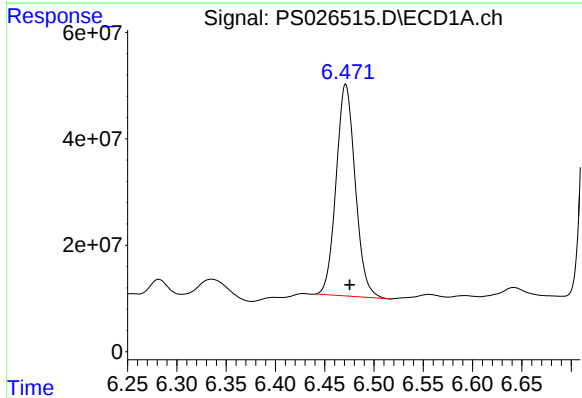
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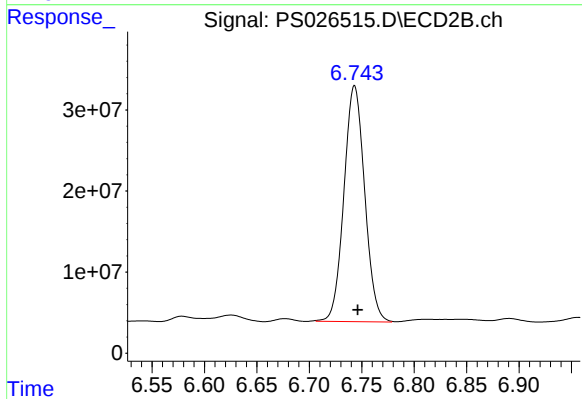
#1 Dalapon

R.T.: 2.715 min
Delta R.T.: -0.004 min
Response: 904746973
Conc: 319.49 ng/ml m



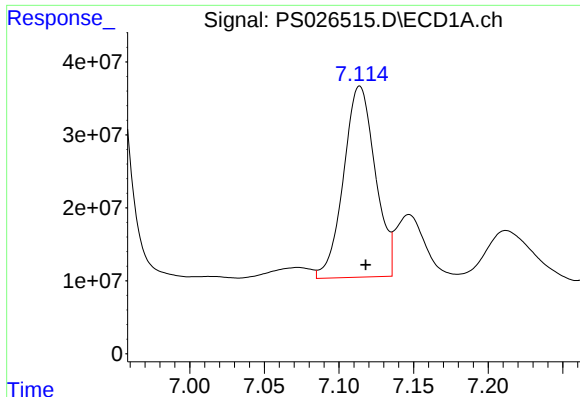
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.471 min
Delta R.T.: -0.004 min
Response: 536257512
Conc: 158.99 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 401436768
Conc: 165.45 ng/ml m



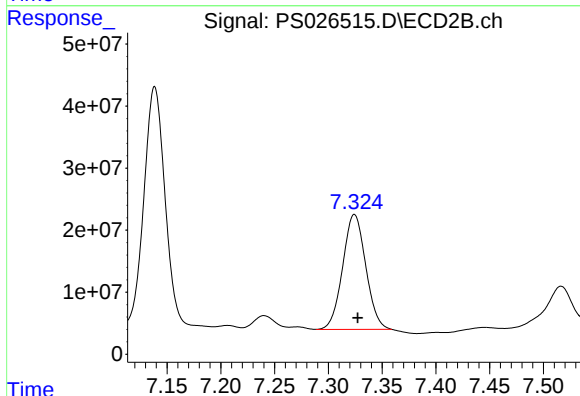
#3 4-Nitrophenol

R.T.: 7.114 min
Delta R.T.: -0.004 min
Response: 387051853
Conc: 238.59 ng/ml

Instrument :
ECD_S
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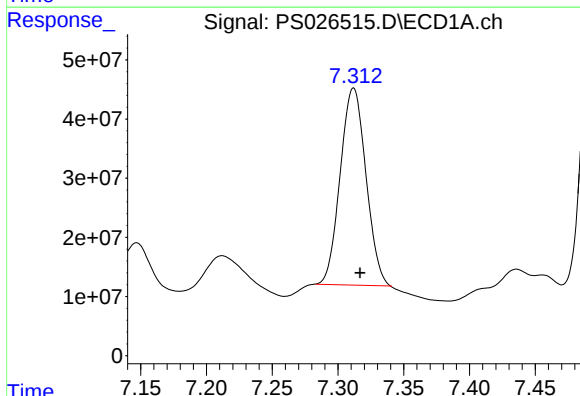
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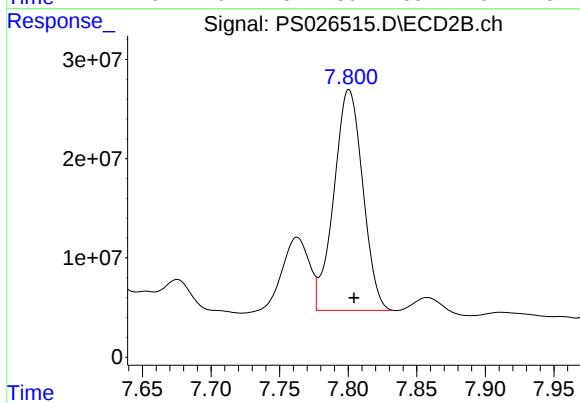
#3 4-Nitrophenol

R.T.: 7.324 min
Delta R.T.: -0.004 min
Response: 277420832
Conc: 230.78 ng/ml m



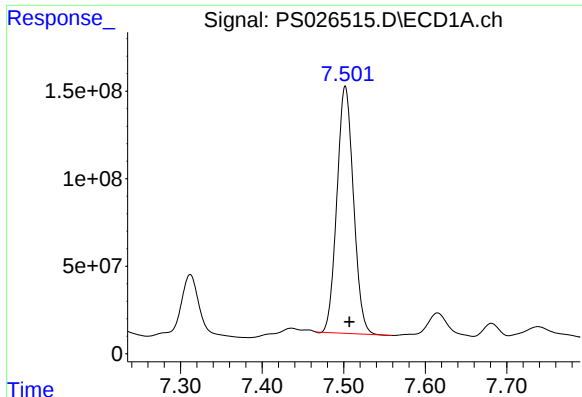
#4 2,4-DCAA

R.T.: 7.311 min
Delta R.T.: -0.005 min
Response: 453516917
Conc: 184.33 ng/ml m



#4 2,4-DCAA

R.T.: 7.800 min
Delta R.T.: -0.004 min
Response: 325458897
Conc: 183.57 ng/ml m



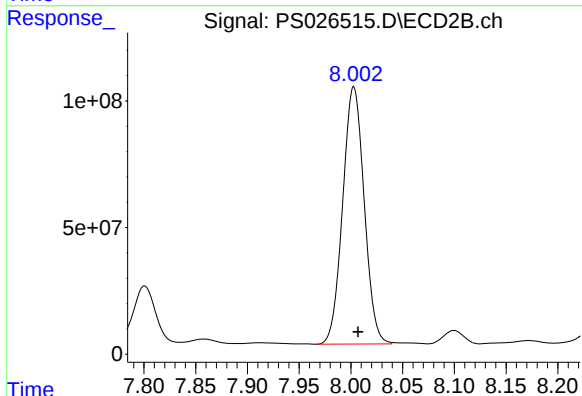
#5 DICAMBA

R.T.: 7.502 min
Delta R.T.: -0.005 min
Response: 1986732070
Conc: 197.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
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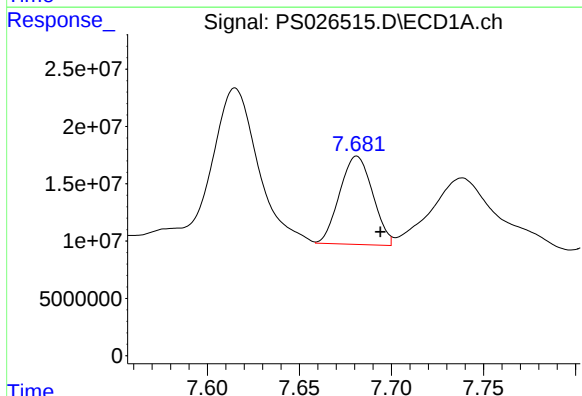
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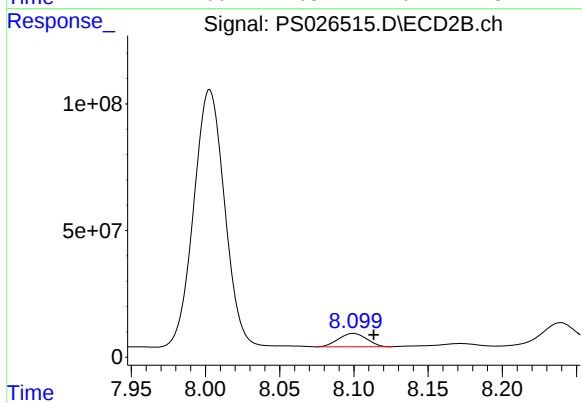
#5 DICAMBA

R.T.: 8.002 min
Delta R.T.: -0.005 min
Response: 1468079670
Conc: 185.33 ng/ml m



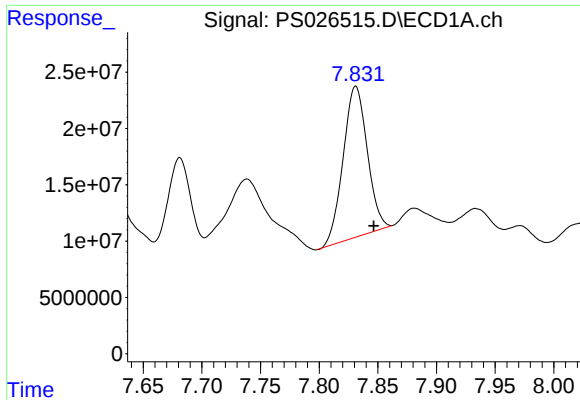
#6 MCP

R.T.: 7.681 min
Delta R.T.: -0.013 min
Response: 96022635
Conc: 13.08 ug/ml m



#6 MCP

R.T.: 8.100 min
Delta R.T.: -0.014 min
Response: 69807512
Conc: 12.55 ug/ml



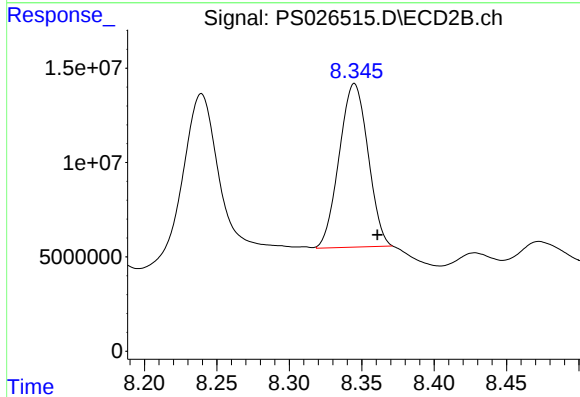
#7 MCPA

R.T.: 7.831 min
Delta R.T.: -0.015 min
Response: 191004220
Conc: 17.78 ug/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOIL-LKWD-DENALI-6MS

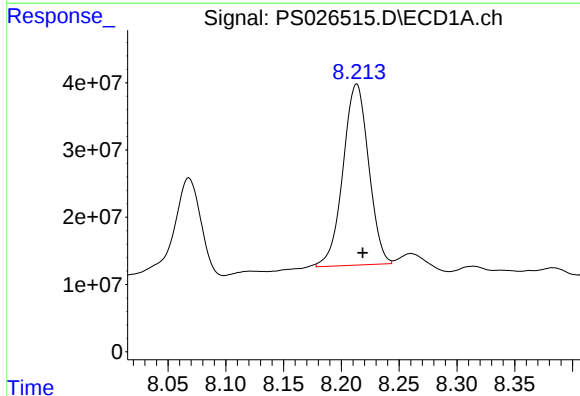
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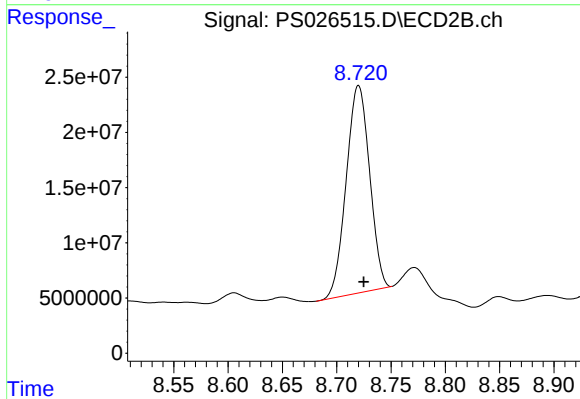
#7 MCPA

R.T.: 8.345 min
Delta R.T.: -0.016 min
Response: 119813578
Conc: 14.77 ug/ml m



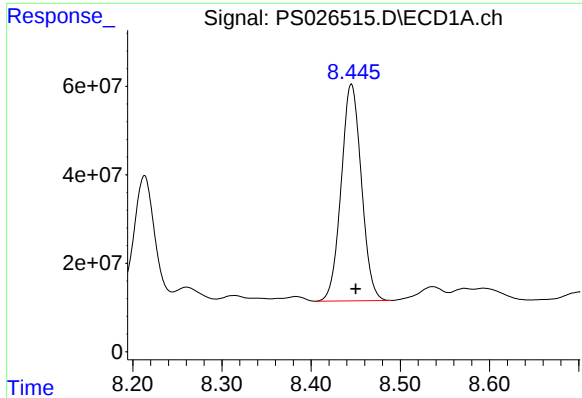
#8 DICHLORPROP

R.T.: 8.213 min
Delta R.T.: -0.006 min
Response: 415023824
Conc: 141.36 ng/ml m



#8 DICHLORPROP

R.T.: 8.720 min
Delta R.T.: -0.005 min
Response: 281572558
Conc: 134.14 ng/ml



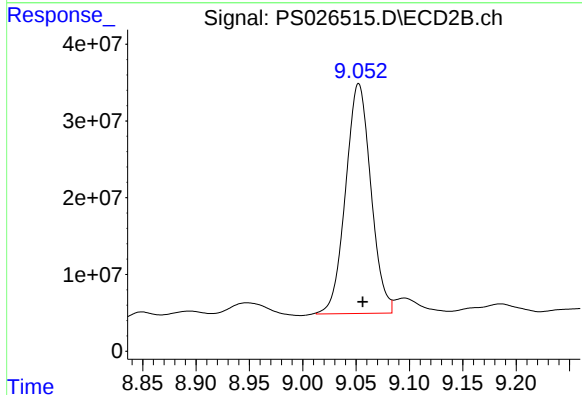
#9 2,4-D

R.T.: 8.445 min
Delta R.T.: -0.005 min
Response: 771478296
Conc: 237.17 ng/ml

Instrument :
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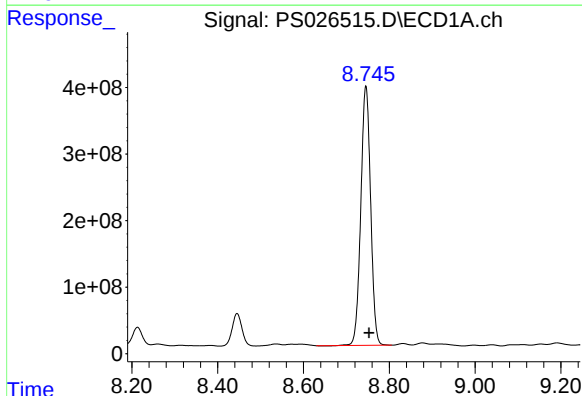
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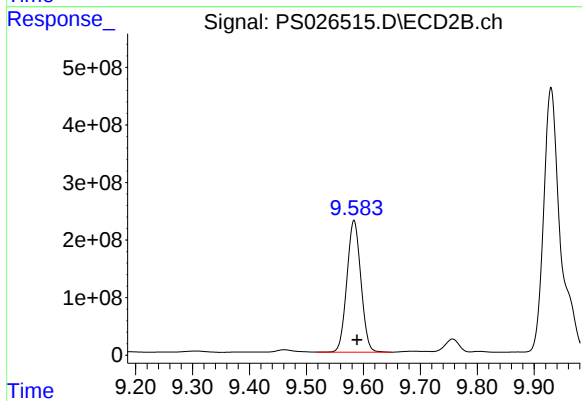
#9 2,4-D

R.T.: 9.052 min
Delta R.T.: -0.004 min
Response: 494773415
Conc: 215.32 ng/ml m



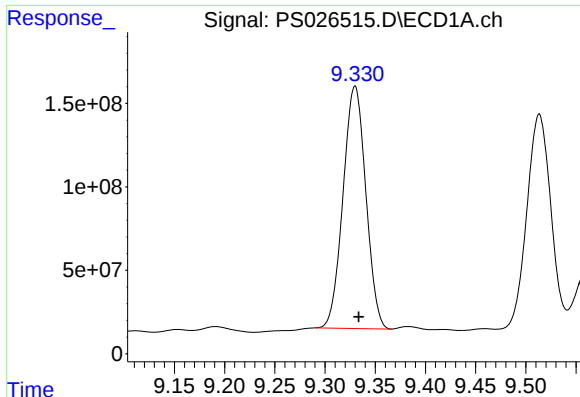
#10 Pentachlorophenol

R.T.: 8.745 min
Delta R.T.: -0.007 min
Response: 6176584025
Conc: 150.38 ng/ml



#10 Pentachlorophenol

R.T.: 9.584 min
Delta R.T.: -0.005 min
Response: 3917017555
Conc: 130.56 ng/ml



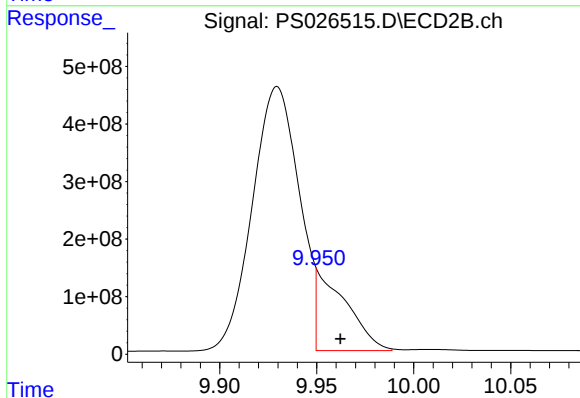
#11 2,4,5-TP (SILVEX)

R.T.: 9.330 min
Delta R.T.: -0.004 min
Response: 2293292244
Conc: 136.39 ng/ml

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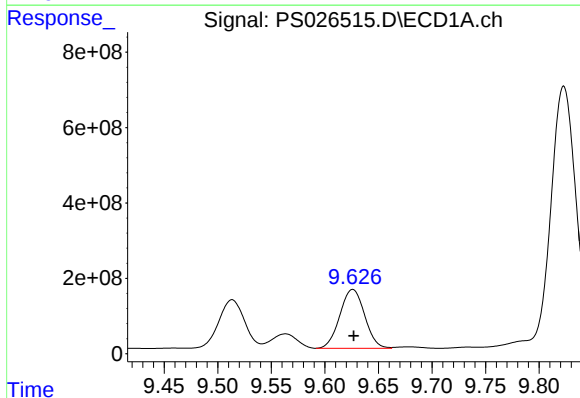
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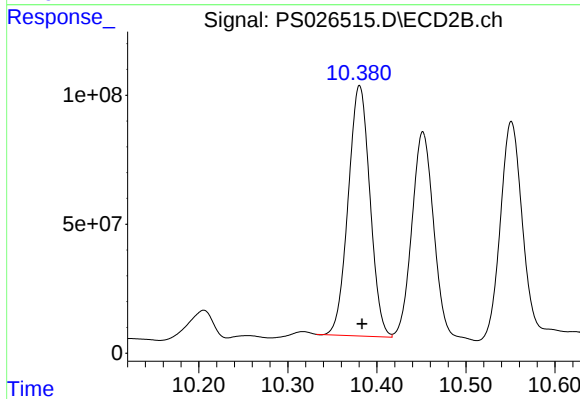
#11 2,4,5-TP (SILVEX)

R.T.: 9.950 min
Delta R.T.: -0.013 min
Response: 1506752784
Conc: 124.61 ng/ml m



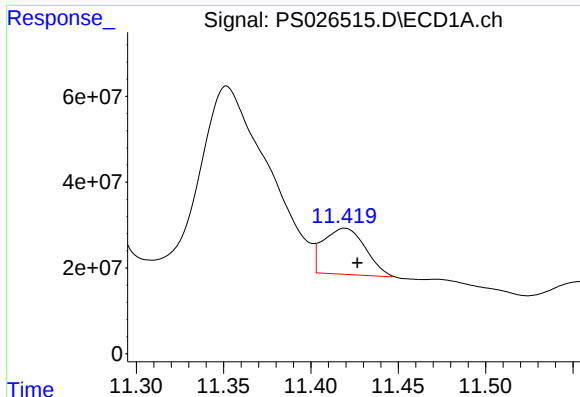
#12 2,4,5-T

R.T.: 9.626 min
Delta R.T.: 0.000 min
Response: 2518667990
Conc: 143.58 ng/ml



#12 2,4,5-T

R.T.: 10.381 min
Delta R.T.: -0.003 min
Response: 1647735032
Conc: 134.95 ng/ml



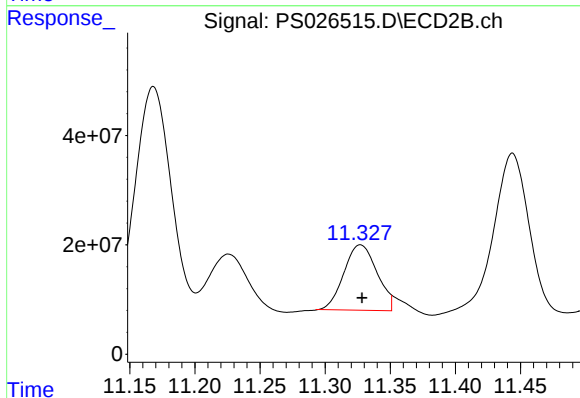
#14 DINOSEB

R.T.: 11.419 min
Delta R.T.: -0.007 min
Response: 177490850
Conc: 15.83 ng/ml

Instrument :
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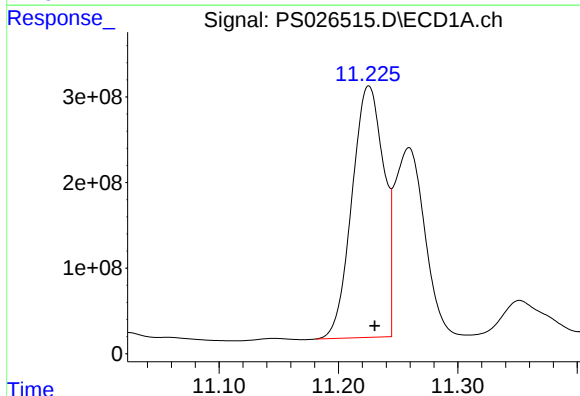
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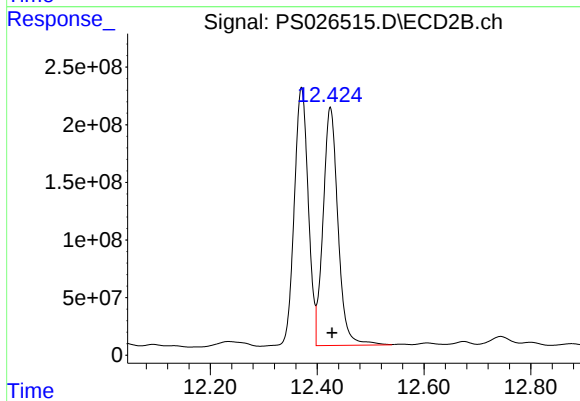
#14 DINOSEB

R.T.: 11.327 min
Delta R.T.: -0.002 min
Response: 212636455
Conc: 25.89 ng/ml m



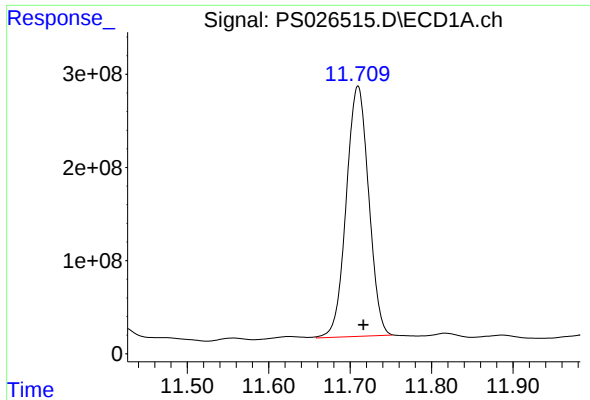
#15 Picloram

R.T.: 11.225 min
Delta R.T.: -0.005 min
Response: 5439314325
Conc: 234.37 ng/ml



#15 Picloram

R.T.: 12.425 min
Delta R.T.: -0.003 min
Response: 4002348970
Conc: 218.33 ng/ml



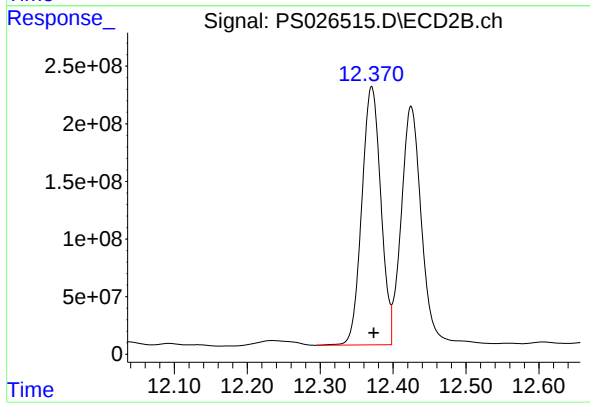
#16 DCPA

R.T.: 11.709 min
Delta R.T.: -0.007 min
Response: 5140866128
Conc: 264.02 ng/ml

Instrument :
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#16 DCPA

R.T.: 12.371 min
Delta R.T.: -0.003 min
Response: 4068901953
Conc: 273.55 ng/ml