

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS122724\
 Data File : PS028842.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2024 22:44
 Operator : AR\AJ
 Sample : P5362-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-SOIL-20241219MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/30/2024
 Supervised By : Ankita Jodhani 12/30/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 02:08:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS122324.M
 Quant Title : 8080.M
 QLast Update : Mon Dec 23 13:44:25 2024
 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 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	7.206	7.694	1619.3E6	443.8E6	715.849	394.257 #
Target Compounds							
1) T	Dalapon	2.620	2.675	843.8E6	1084.9E6	299.590m	551.093m#
2) T	3,5-DICHL...	6.381	6.656	1757.9E6	745.9E6	533.475	449.988m
3) T	4-Nitroph...	6.992	0.000	22530972	0	15.000m	N.D. d#
5) T	DICAMBA	7.391	7.892	4667.2E6	2441.6E6	473.321	444.744
6) T	MCPD	7.571	7.994	263.5E6	147.8E6	42.321	45.219
7) T	MCPA	7.720	8.236	369.3E6	276.5E6	42.127	59.674 #
8) T	DICHLORPROP	8.095	8.605	1320.6E6	615.8E6	497.759	446.362
9) T	2,4-D	8.324	8.932	1603.6E6	732.3E6	562.743m	507.454
10) T	Pentachlo...	8.622	9.457	18222.1E6	8884.3E6	466.432	407.559
11) T	2,4,5-TP ...	9.198	9.835	8847.5E6	5441.1E6	563.203	605.678
12) T	2,4,5-T	9.489	10.251	8215.0E6	4038.2E6	504.941	463.676
13) T	2,4-DB	10.062	10.816	1300.3E6	401.2E6	416.548	413.128
14) T	DINOSEB	11.266	11.195	4317.7E6	1828.8E6	321.214	296.920
15) T	Picloram	11.075	12.281	11399.3E6	4960.0E6	425.145	386.326
16) T	DCPA	11.559	12.234	10341.9E6	4998.6E6	429.997	465.218

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

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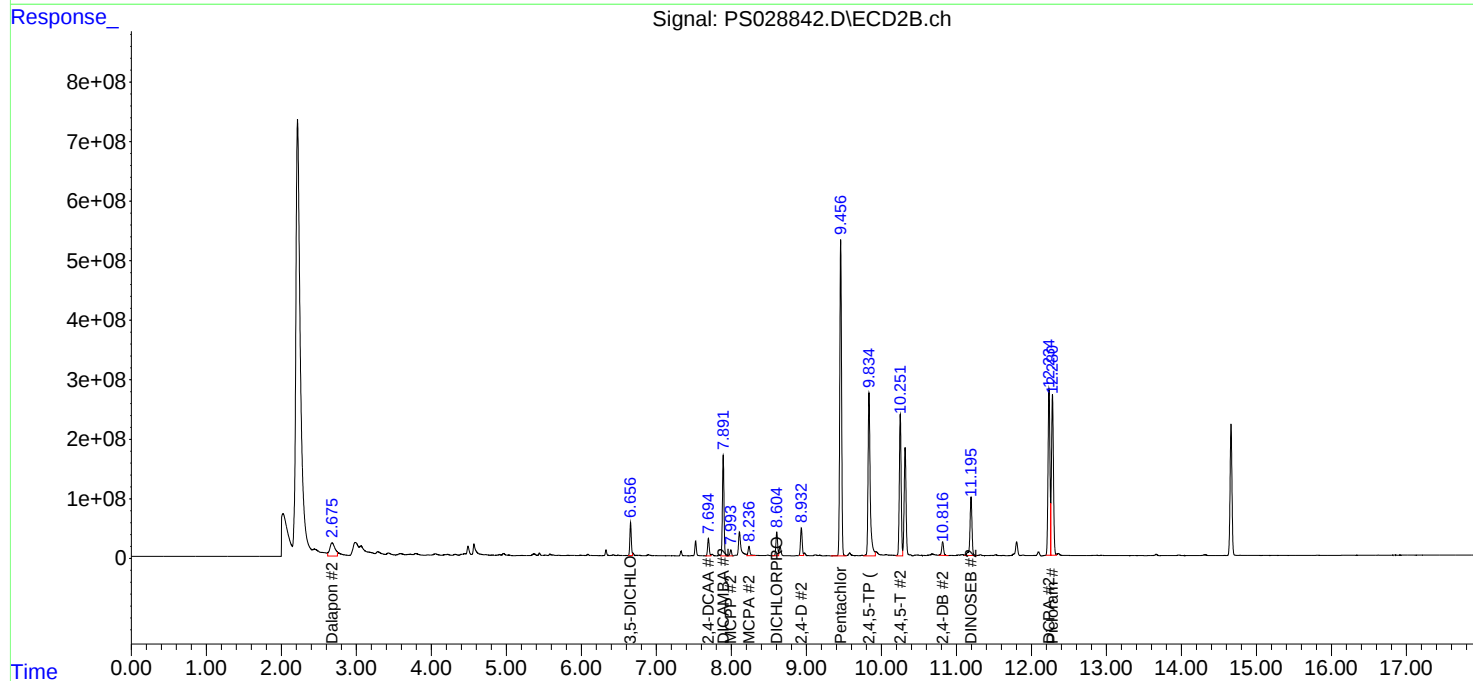
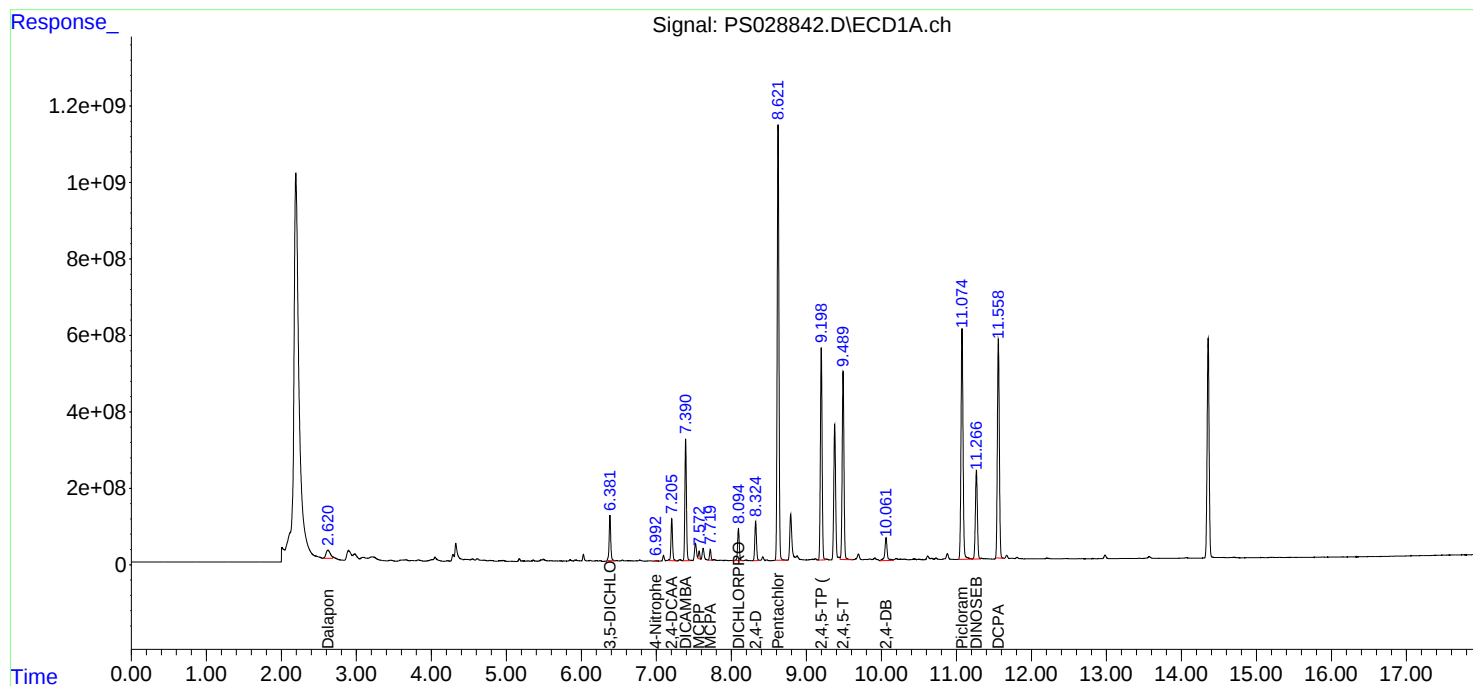
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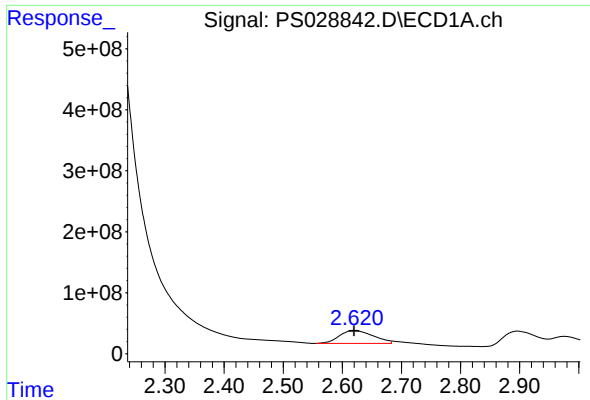
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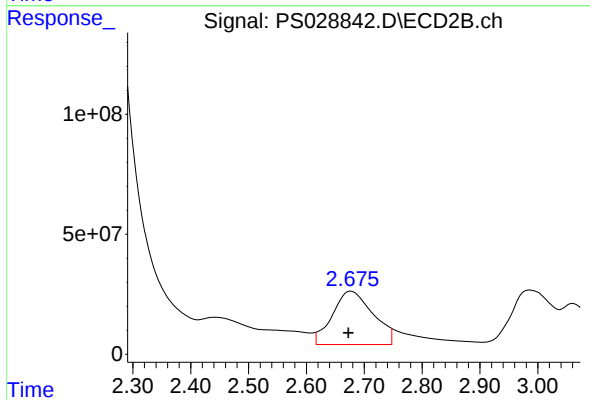
#1 Dalapon

R.T.: 2.620 min
Delta R.T.: 0.000 min
Response: 843839623
Conc: 299.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-SOIL-20241219MS

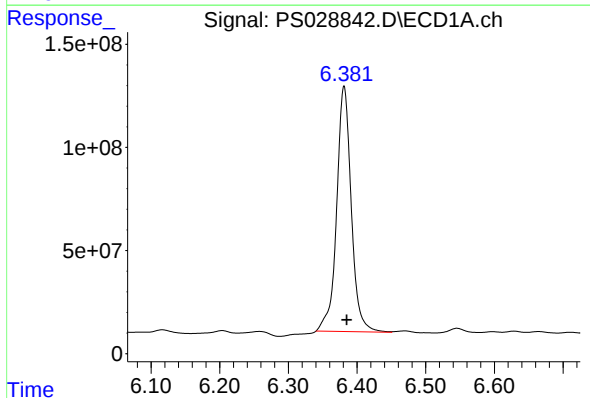
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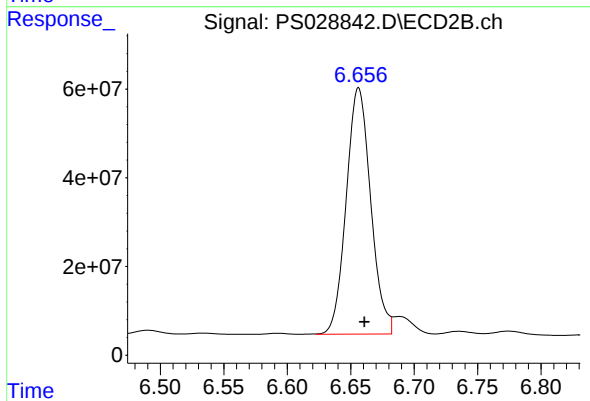
#1 Dalapon

R.T.: 2.675 min
Delta R.T.: 0.002 min
Response: 1084882891
Conc: 551.09 ng/ml m



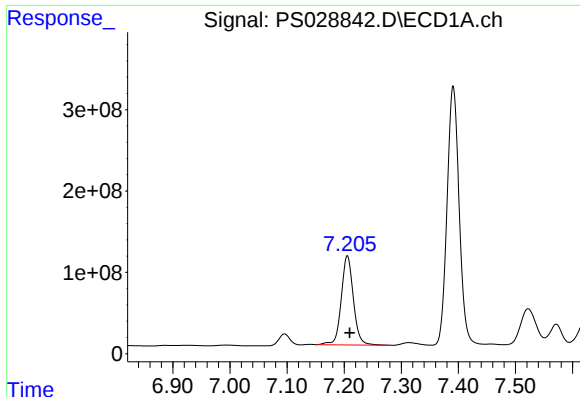
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.381 min
Delta R.T.: -0.004 min
Response: 1757871041
Conc: 533.47 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.656 min
Delta R.T.: -0.005 min
Response: 745888388
Conc: 449.99 ng/ml m



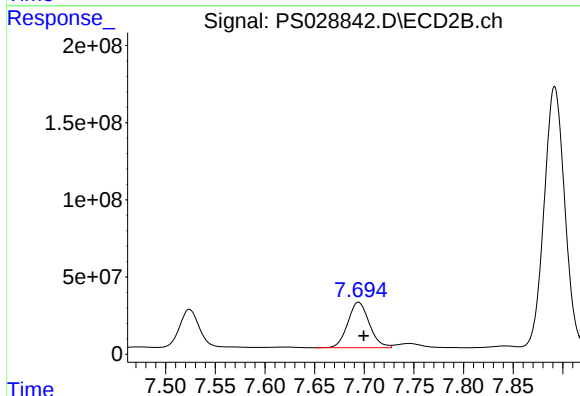
#4 2,4-DCAA

R.T.: 7.206 min
Delta R.T.: -0.004 min
Response: 1619268098
Conc: 715.85 ng/ml

Instrument :
ECD_S
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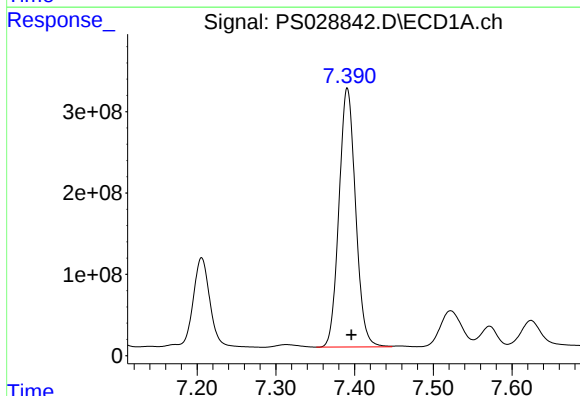
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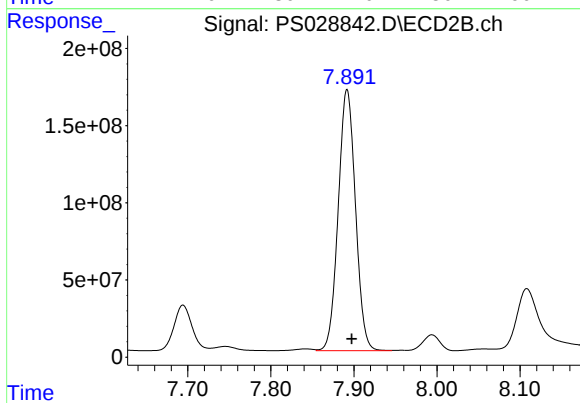
#4 2,4-DCAA

R.T.: 7.694 min
Delta R.T.: -0.005 min
Response: 443751426
Conc: 394.26 ng/ml



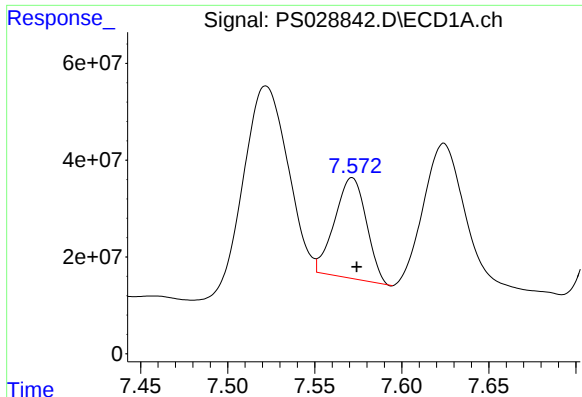
#5 DICAMBA

R.T.: 7.391 min
Delta R.T.: -0.005 min
Response: 4667249294
Conc: 473.32 ng/ml



#5 DICAMBA

R.T.: 7.892 min
Delta R.T.: -0.006 min
Response: 2441586467
Conc: 444.74 ng/ml



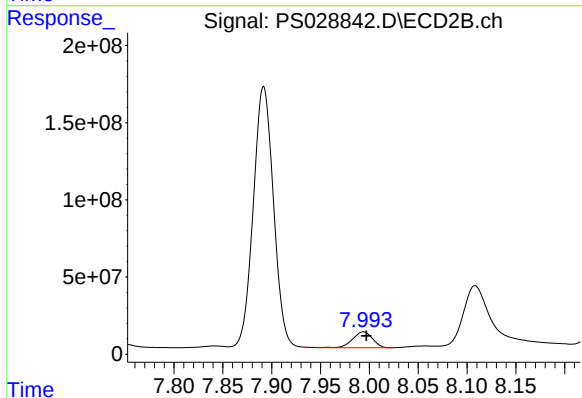
#6 MCPP

R.T.: 7.571 min
Delta R.T.: -0.003 min
Response: 263543280
Conc: 42.32 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-SOIL-20241219MS

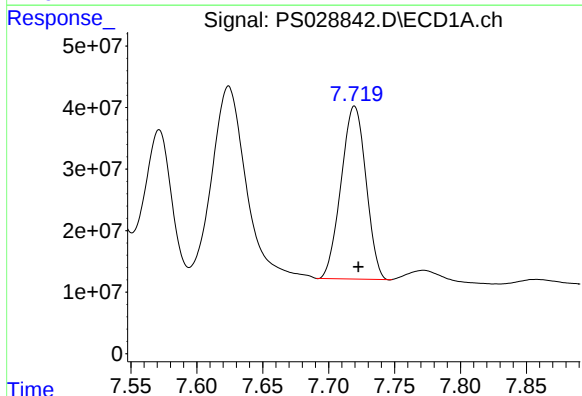
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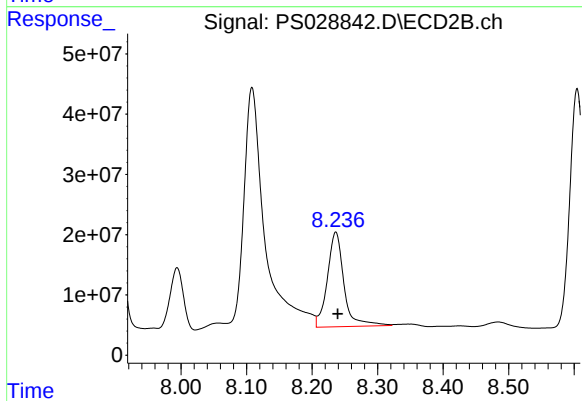
#6 MCPP

R.T.: 7.994 min
Delta R.T.: -0.003 min
Response: 147766382
Conc: 45.22 ug/ml



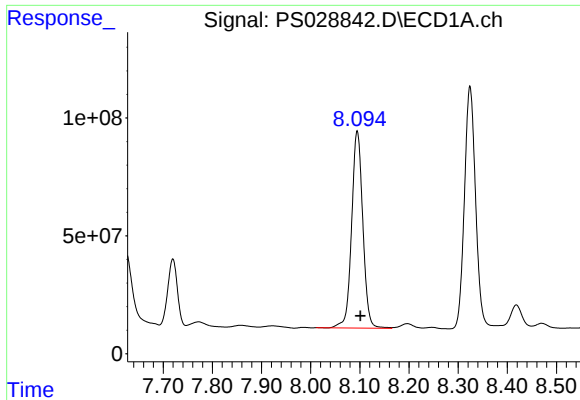
#7 MCPA

R.T.: 7.720 min
Delta R.T.: -0.003 min
Response: 369261786
Conc: 42.13 ug/ml



#7 MCPA

R.T.: 8.236 min
Delta R.T.: -0.003 min
Response: 276461146
Conc: 59.67 ug/ml



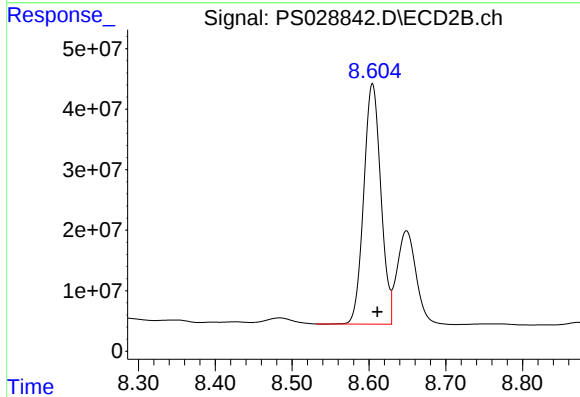
#8 DICHLORPROP

R.T.: 8.095 min
Delta R.T.: -0.006 min
Response: 1320642746
Conc: 497.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-SOIL-20241219MS

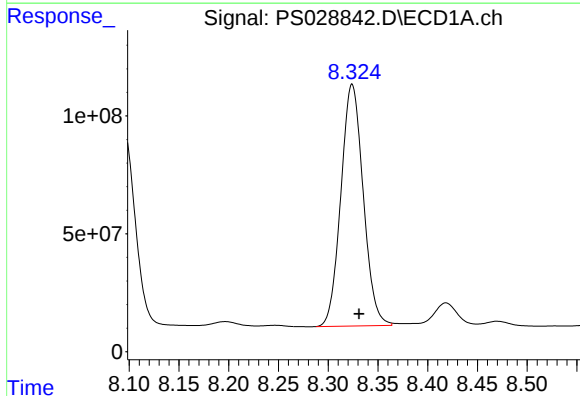
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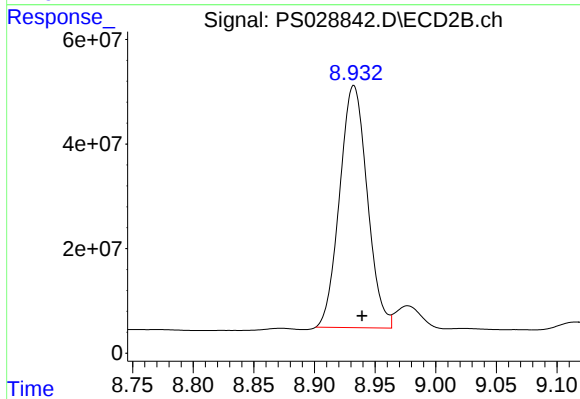
#8 DICHLORPROP

R.T.: 8.605 min
Delta R.T.: -0.007 min
Response: 615826659
Conc: 446.36 ng/ml



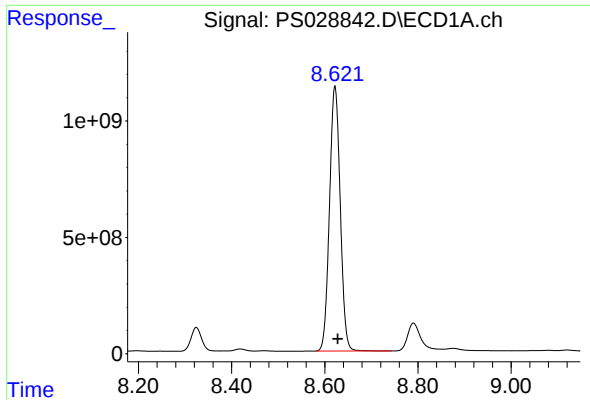
#9 2,4-D

R.T.: 8.324 min
Delta R.T.: -0.008 min
Response: 1603555294
Conc: 562.74 ng/ml m



#9 2,4-D

R.T.: 8.932 min
Delta R.T.: -0.007 min
Response: 732329351
Conc: 507.45 ng/ml



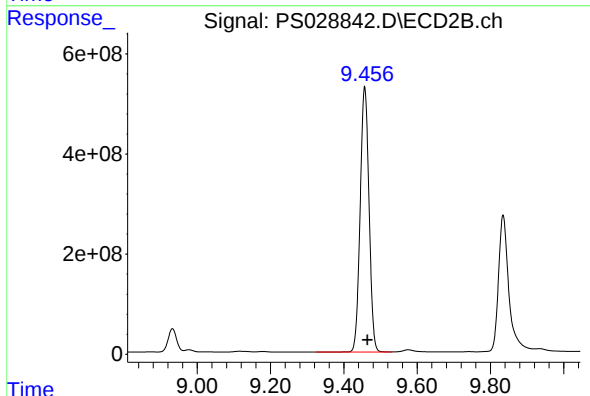
#10 Pentachlorophenol

R.T.: 8.622 min
Delta R.T.: -0.006 min
Response: 18222081326
Conc: 466.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
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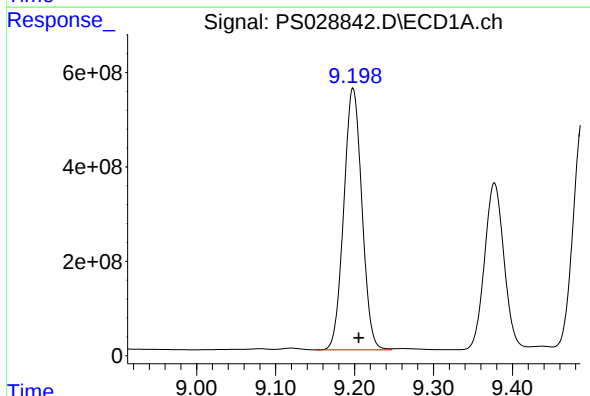
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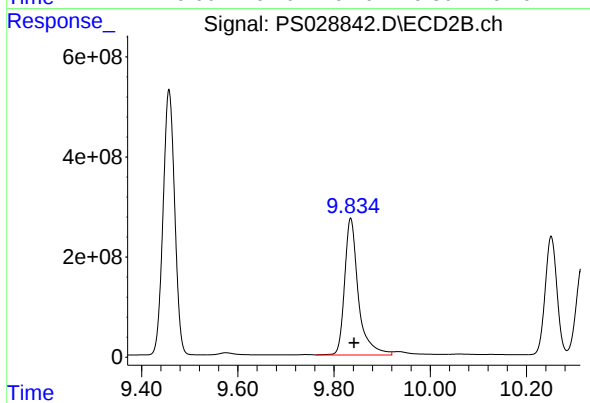
#10 Pentachlorophenol

R.T.: 9.457 min
Delta R.T.: -0.007 min
Response: 8884255255
Conc: 407.56 ng/ml



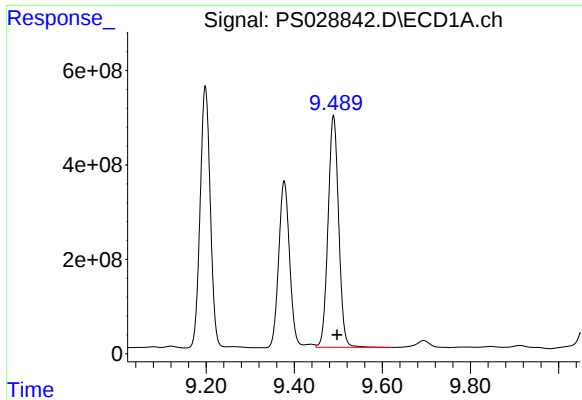
#11 2,4,5-TP (SILVEX)

R.T.: 9.198 min
Delta R.T.: -0.007 min
Response: 8847543543
Conc: 563.20 ng/ml



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

R.T.: 9.835 min
Delta R.T.: -0.007 min
Response: 5441119823
Conc: 605.68 ng/ml



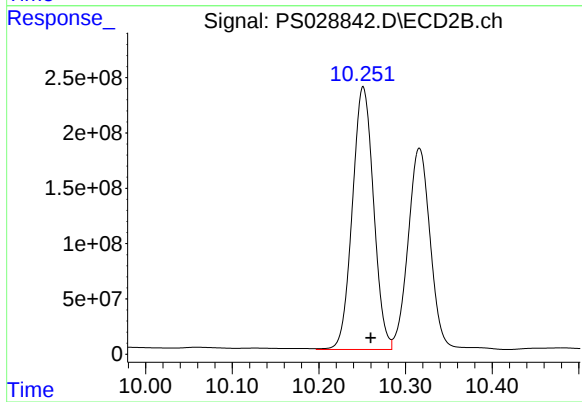
#12 2,4,5-T

R.T.: 9.489 min
Delta R.T.: -0.009 min
Response: 8214982918
Conc: 504.94 ng/ml

Instrument :
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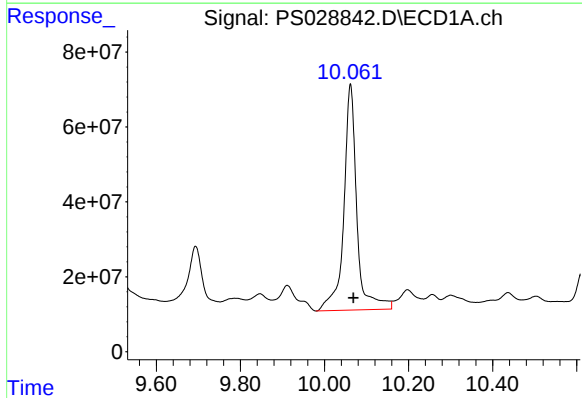
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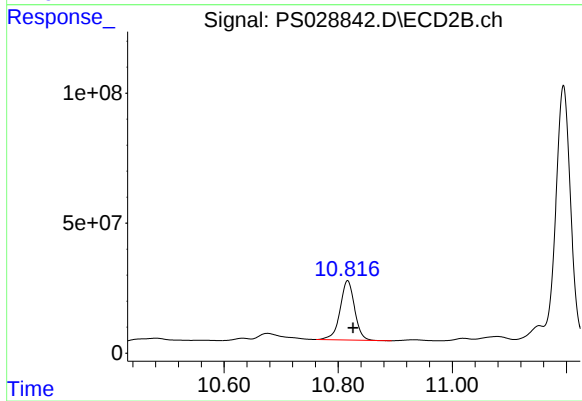
#12 2,4,5-T

R.T.: 10.251 min
Delta R.T.: -0.009 min
Response: 4038236865
Conc: 463.68 ng/ml



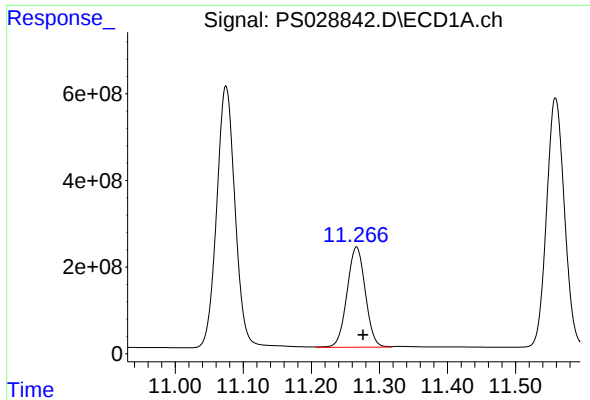
#13 2,4-DB

R.T.: 10.062 min
Delta R.T.: -0.007 min
Response: 1300294089
Conc: 416.55 ng/ml



#13 2,4-DB

R.T.: 10.816 min
Delta R.T.: -0.009 min
Response: 401187575
Conc: 413.13 ng/ml



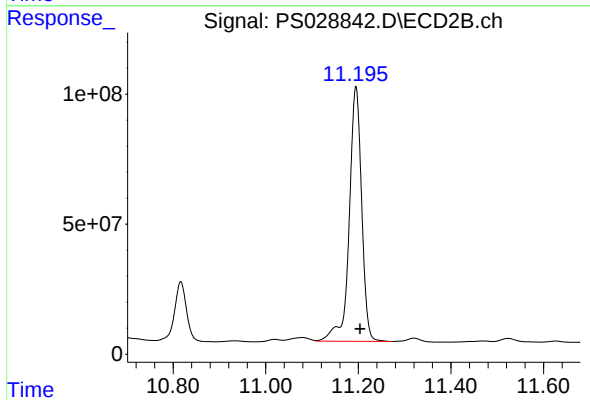
#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: -0.010 min
Response: 4317674741
Conc: 321.21 ng/ml

Instrument :
ECD_S
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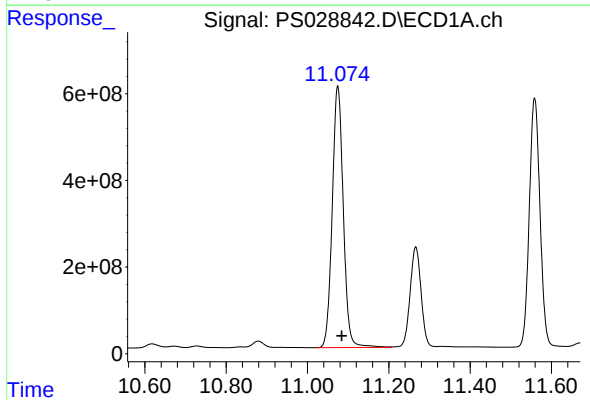
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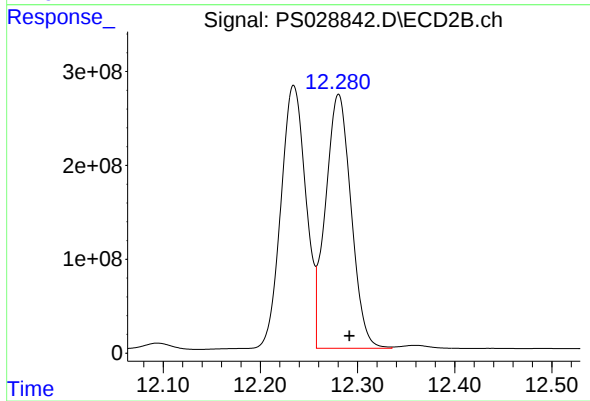
#14 DINOSEB

R.T.: 11.195 min
Delta R.T.: -0.009 min
Response: 1828773162
Conc: 296.92 ng/ml



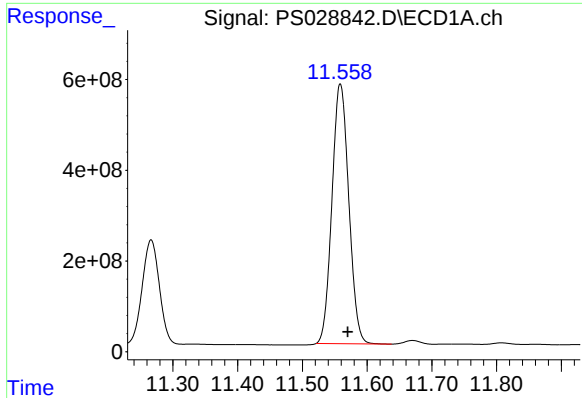
#15 Picloram

R.T.: 11.075 min
Delta R.T.: -0.010 min
Response: 11399310902
Conc: 425.14 ng/ml



#15 Picloram

R.T.: 12.281 min
Delta R.T.: -0.011 min
Response: 4960040884
Conc: 386.33 ng/ml



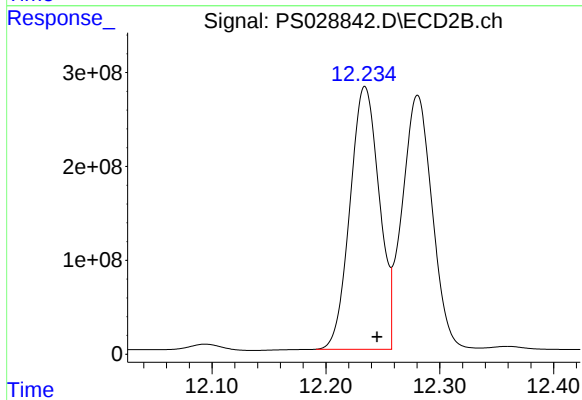
#16 DCPA

R.T.: 11.559 min
Delta R.T.: -0.011 min
Response: 10341882538
Conc: 430.00 ng/ml

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#16 DCPA

R.T.: 12.234 min
Delta R.T.: -0.011 min
Response: 4998573728
Conc: 465.22 ng/ml