

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS082525\
 Data File : PS031534.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2025 18:14
 Operator : AR\AJ
 Sample : Q2932-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 ARS20-0002-SOILMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 03:02:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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 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	7.286	7.744	276.8E6	61183403	87.208	72.377
Target Compounds							
1) T	Dalapon	2.671	2.693	3462.9E6	1048.7E6	659.743	394.082 #
2) T	3,5-DICHL...	6.456	6.697	178.8E6	84238630	37.901	62.310 #
3) T	4-Nitroph...	7.094	7.296	207.0E6	292.9E6	200.655	233.052
5) T	DICAMBA	7.473	7.941	895.9E6	431.7E6	64.149	75.960
6) T	MCPD	7.652	8.054	26527352	53464573	3.297	30.243 #
7) T	MCPA	7.799	8.267f	65058347	172.2E6	6.531	61.369 #
8) T	DICHLORPROP	8.183	8.656	116.3E6	30288542	36.673	22.687 #
9) T	2,4-D	8.401	9.001	629.2E6	72351740	218.700	50.692 #
10) T	Pentachlo...	8.712	9.511	2149.0E6	1613.6E6	44.759	46.330
11) T	2,4,5-TP ...	9.290	9.892	445.0E6	384.0E6	24.827	29.276
12) T	2,4,5-T	9.588	10.324	383.5E6	416.3E6	26.173	35.158 #
13) T	2,4-DB	10.168	10.886	171.4E6	422.7E6	89.198	438.091 #
14) T	DINOSEB	11.370	11.281	316.7E6	189.7E6	24.980	20.055
15) T	Picloram	11.188	12.388	1922.3E6	1938.8E6	147.257	110.599
16) T	DCPA	11.659	12.311	7171.3E6	6549.5E6	314.816	332.453

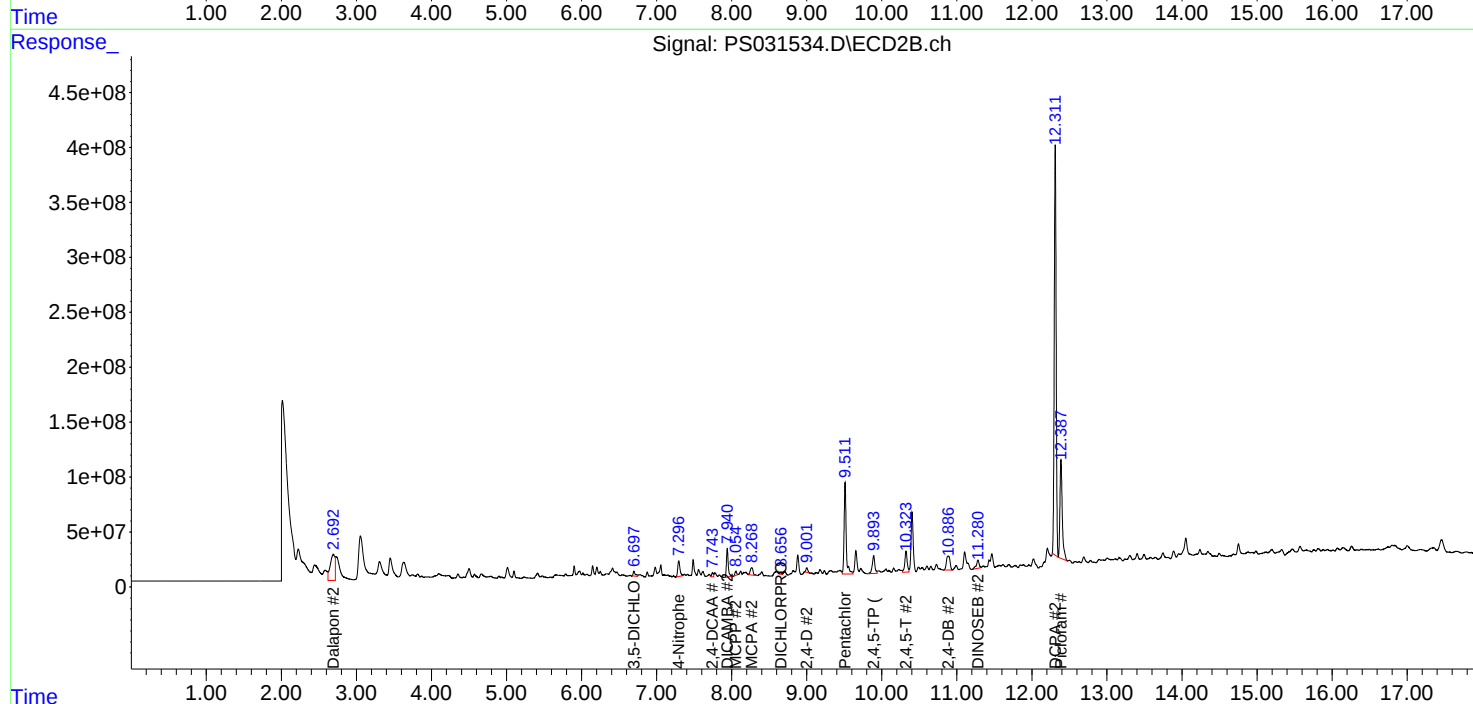
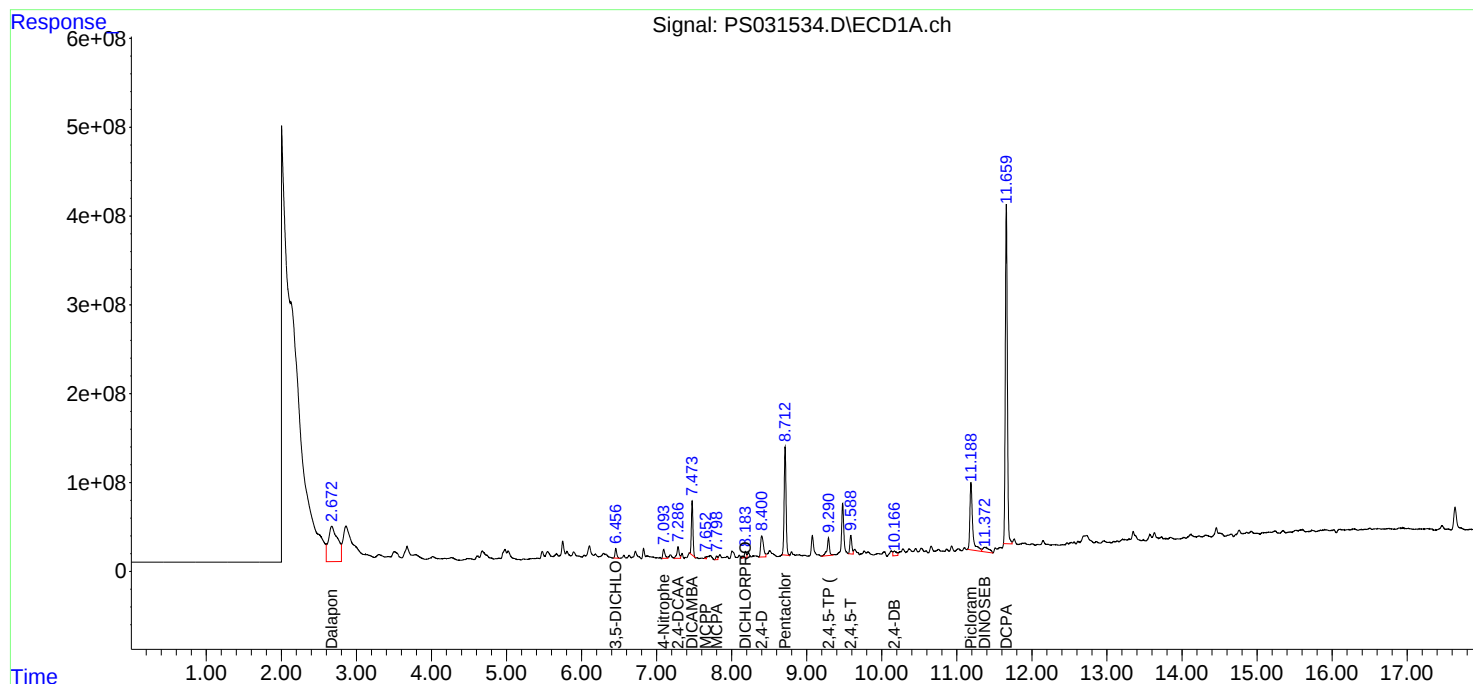
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

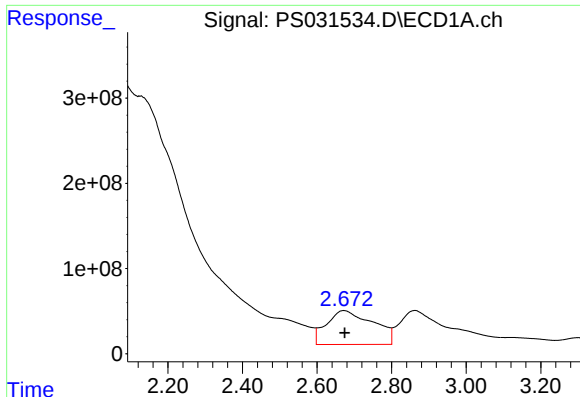
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Integration File signal 1: autoint1.e
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Quant Time: Aug 26 03:02:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
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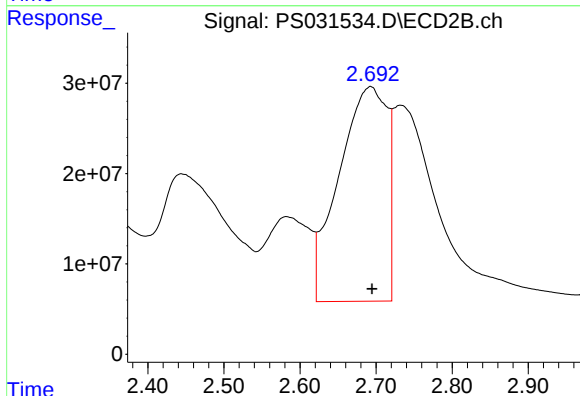




#1 Dalapon

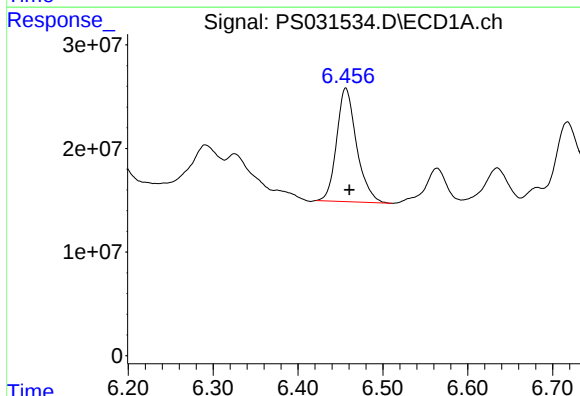
R.T.: 2.671 min
Delta R.T.: -0.003 min
Response: 3462947698
Conc: 659.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
ARS20-0002-SOILMSD



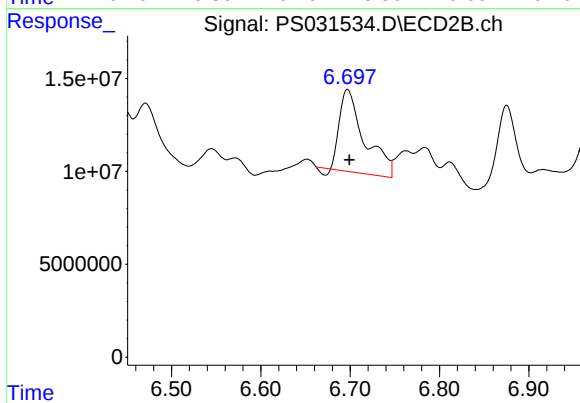
#1 Dalapon

R.T.: 2.693 min
Delta R.T.: -0.002 min
Response: 1048657036
Conc: 394.08 ng/ml



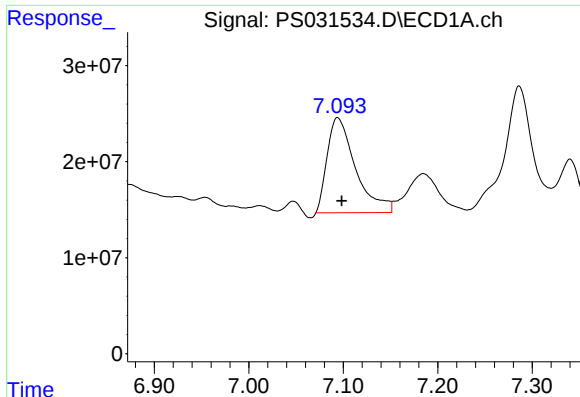
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.456 min
Delta R.T.: -0.004 min
Response: 178828963
Conc: 37.90 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

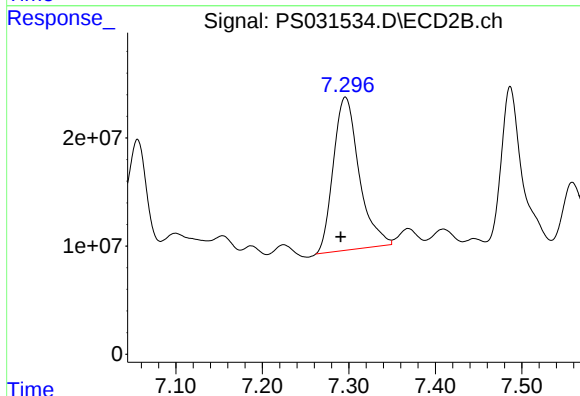
R.T.: 6.697 min
Delta R.T.: -0.002 min
Response: 84238630
Conc: 62.31 ng/ml



#3 4-Nitrophenol

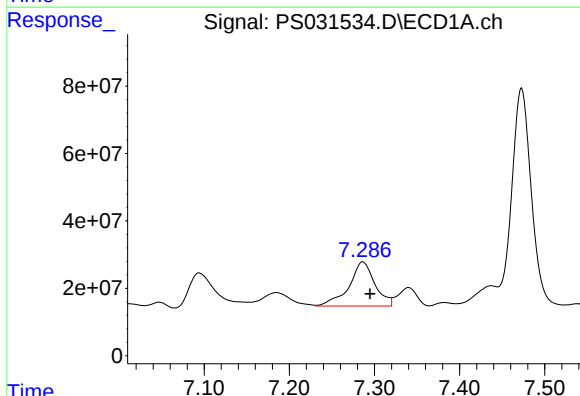
R.T.: 7.094 min
Delta R.T.: -0.004 min
Response: 207011486
Conc: 200.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
ARS20-0002-SOILMSD



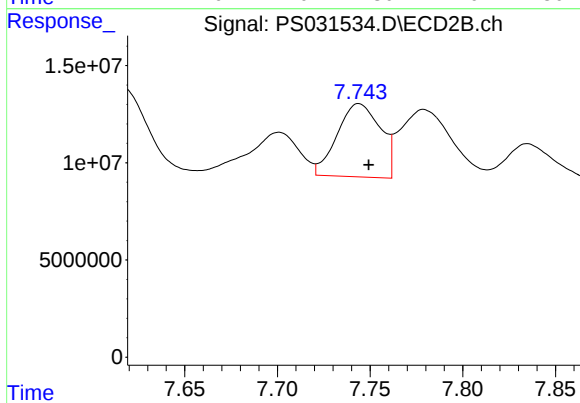
#3 4-Nitrophenol

R.T.: 7.296 min
Delta R.T.: 0.005 min
Response: 292920770
Conc: 233.05 ng/ml



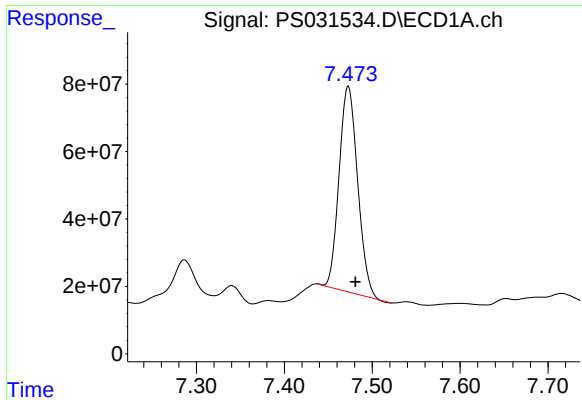
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: -0.009 min
Response: 276798091
Conc: 87.21 ng/ml



#4 2,4-DCAA

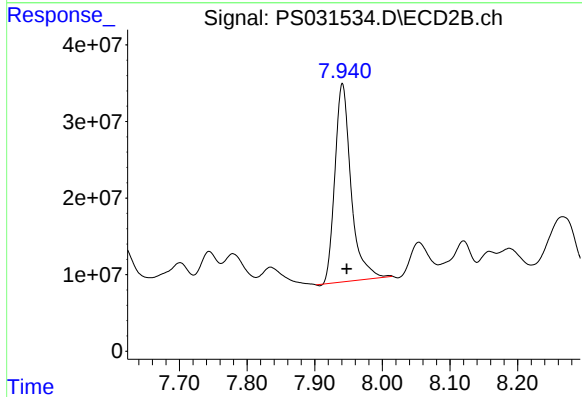
R.T.: 7.744 min
Delta R.T.: -0.005 min
Response: 61183403
Conc: 72.38 ng/ml



#5 DICAMBA

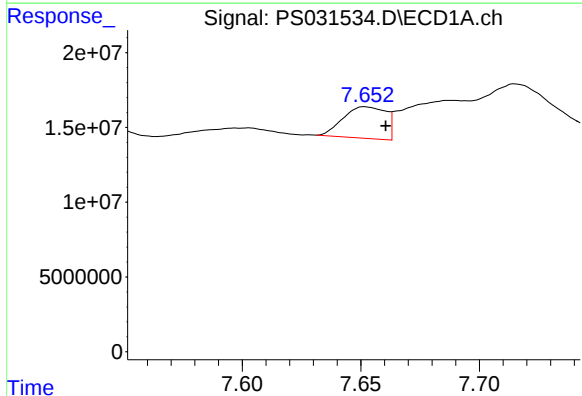
R.T.: 7.473 min
Delta R.T.: -0.008 min
Response: 895939063
Conc: 64.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
ARS20-0002-SOILMSD



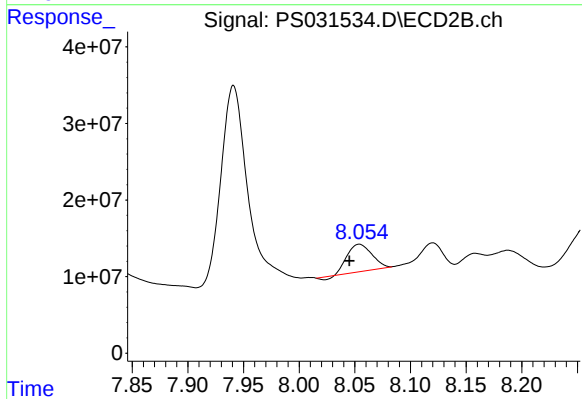
#5 DICAMBA

R.T.: 7.941 min
Delta R.T.: -0.006 min
Response: 431659143
Conc: 75.96 ng/ml



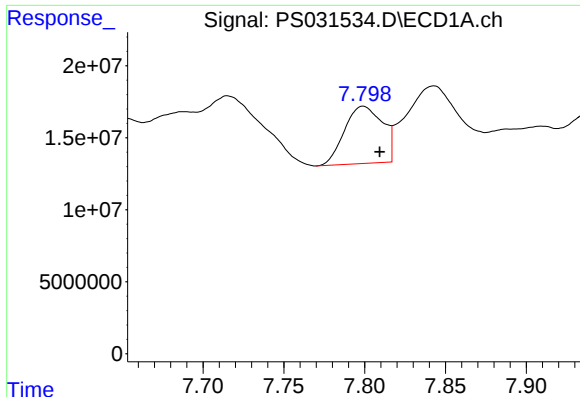
#6 MCP

R.T.: 7.652 min
Delta R.T.: -0.009 min
Response: 26527352
Conc: 3.30 ug/ml



#6 MCP

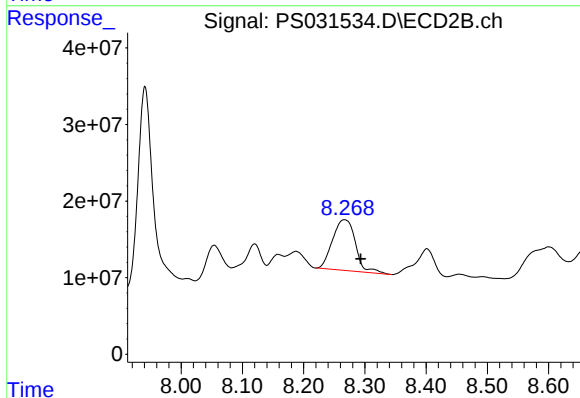
R.T.: 8.054 min
Delta R.T.: 0.009 min
Response: 53464573
Conc: 30.24 ug/ml



#7 MCPA

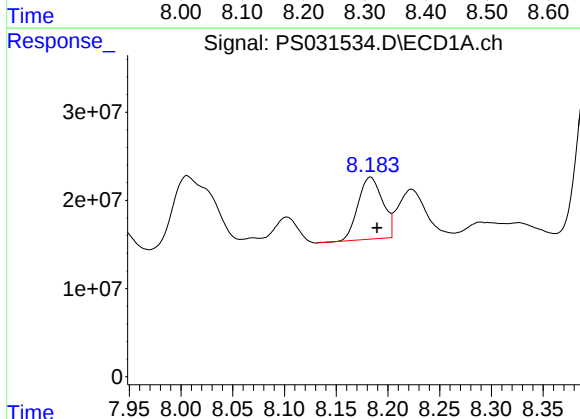
R.T.: 7.799 min
Delta R.T.: -0.010 min
Response: 65058347
Conc: 6.53 ug/ml

Instrument :
ECD_S
ClientSampleId :
ARS20-0002-SOILMSD



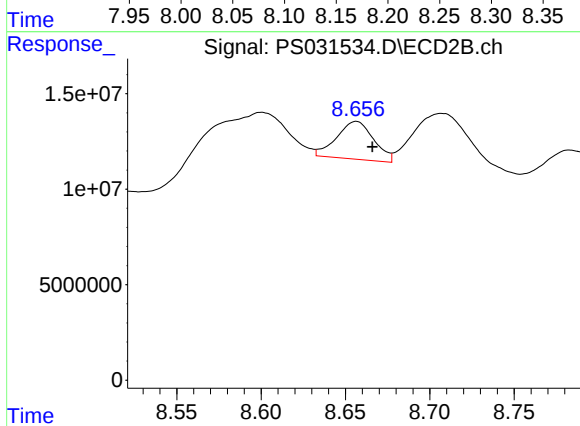
#7 MCPA

R.T.: 8.267 min
Delta R.T.: -0.026 min
Response: 172172277
Conc: 61.37 ug/ml



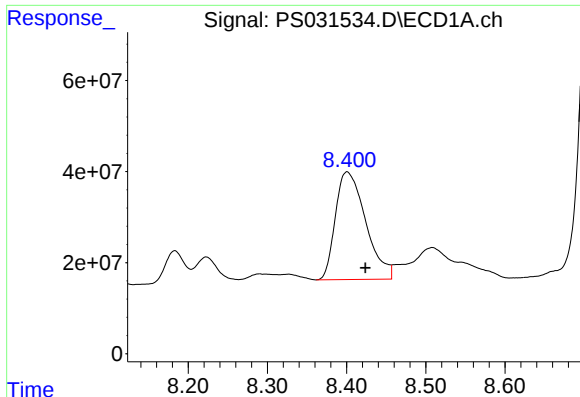
#8 DICHLORPROP

R.T.: 8.183 min
Delta R.T.: -0.006 min
Response: 116343250
Conc: 36.67 ng/ml



#8 DICHLORPROP

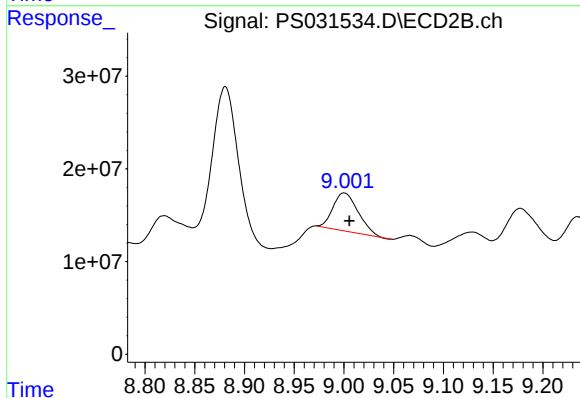
R.T.: 8.656 min
Delta R.T.: -0.010 min
Response: 30288542
Conc: 22.69 ng/ml



#9 2,4-D

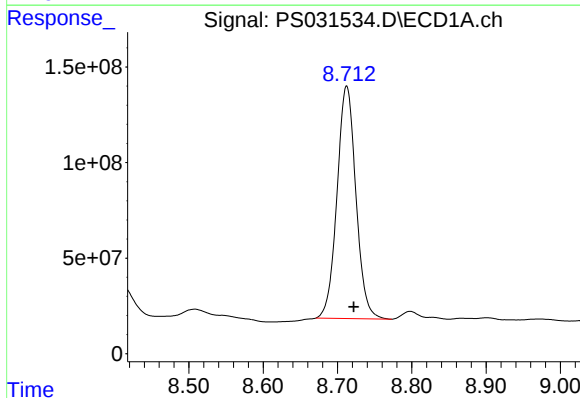
R.T.: 8.401 min
Delta R.T.: -0.023 min
Response: 629159330
Conc: 218.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
ARS20-0002-SOILMSD



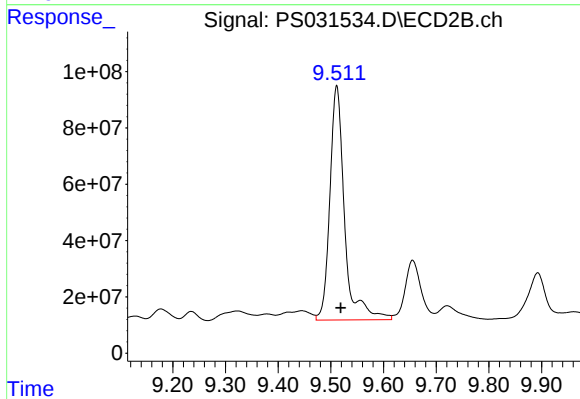
#9 2,4-D

R.T.: 9.001 min
Delta R.T.: -0.005 min
Response: 72351740
Conc: 50.69 ng/ml



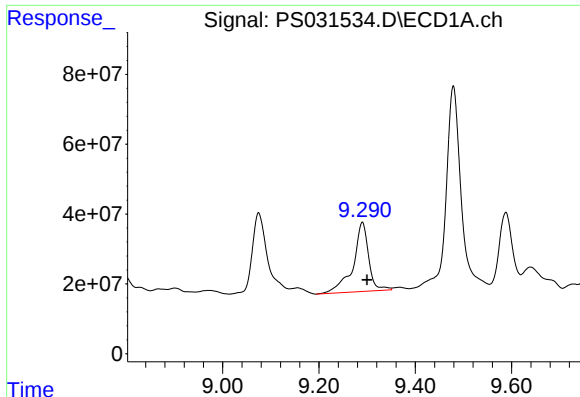
#10 Pentachlorophenol

R.T.: 8.712 min
Delta R.T.: -0.010 min
Response: 2149003740
Conc: 44.76 ng/ml



#10 Pentachlorophenol

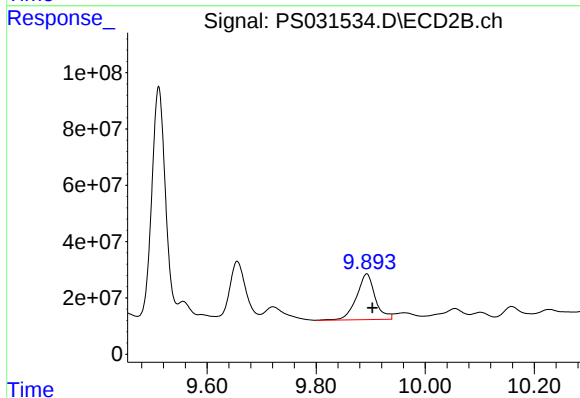
R.T.: 9.511 min
Delta R.T.: -0.007 min
Response: 1613589742
Conc: 46.33 ng/ml



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

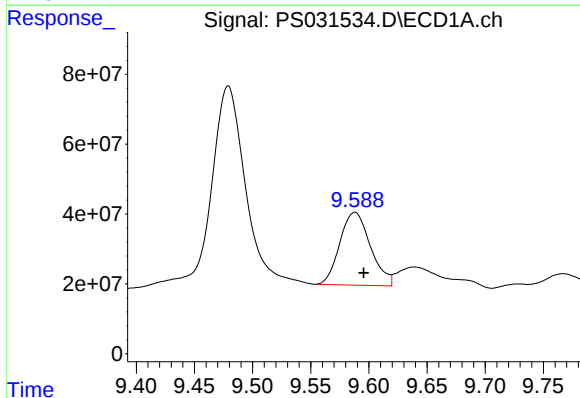
R.T.: 9.290 min
Delta R.T.: -0.010 min
Response: 444983915
Conc: 24.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
ARS20-0002-SOILMSD



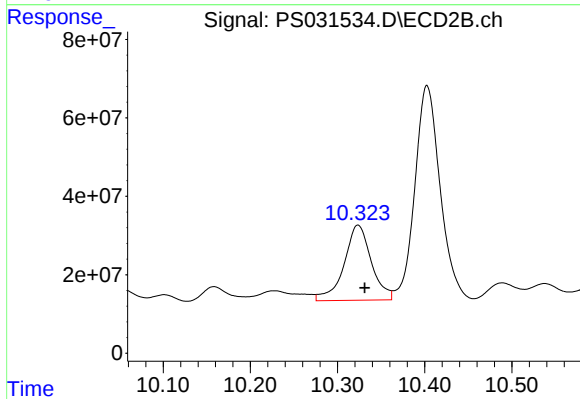
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: -0.011 min
Response: 383982659
Conc: 29.28 ng/ml



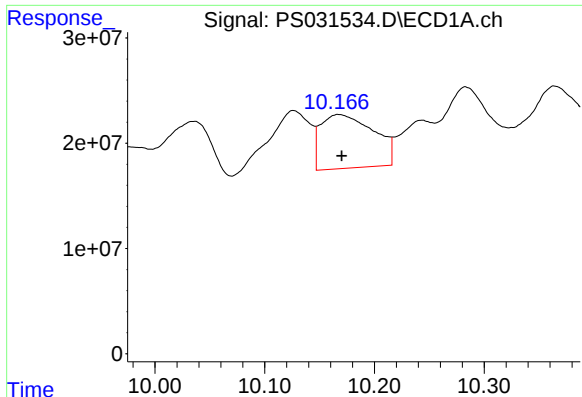
#12 2,4,5-T

R.T.: 9.588 min
Delta R.T.: -0.008 min
Response: 383461149
Conc: 26.17 ng/ml



#12 2,4,5-T

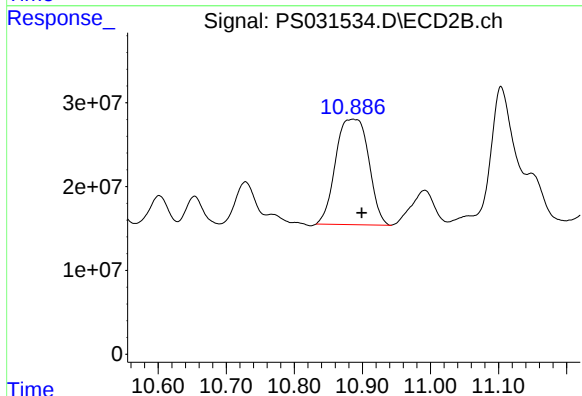
R.T.: 10.324 min
Delta R.T.: -0.007 min
Response: 416260670
Conc: 35.16 ng/ml



#13 2,4-DB

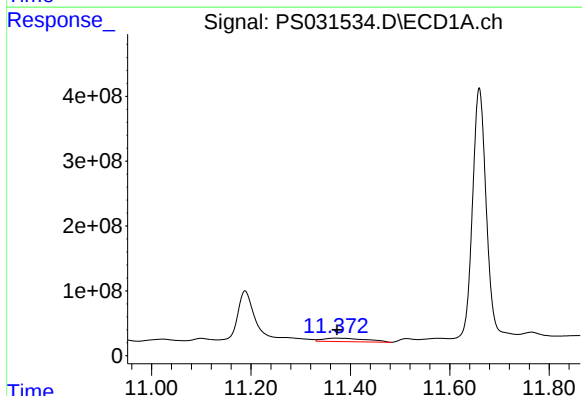
R.T.: 10.168 min
Delta R.T.: -0.003 min
Response: 171414578
Conc: 89.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
ARS20-0002-SOILMSD



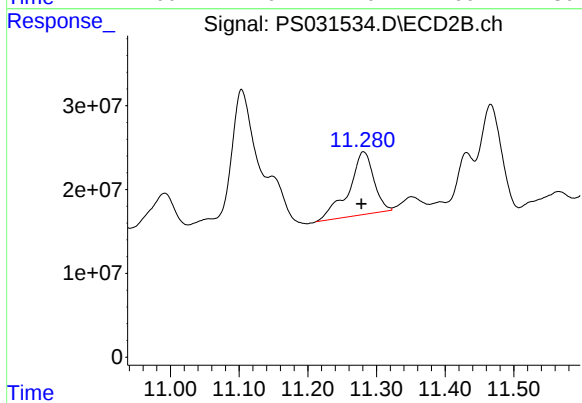
#13 2,4-DB

R.T.: 10.886 min
Delta R.T.: -0.014 min
Response: 422690020
Conc: 438.09 ng/ml



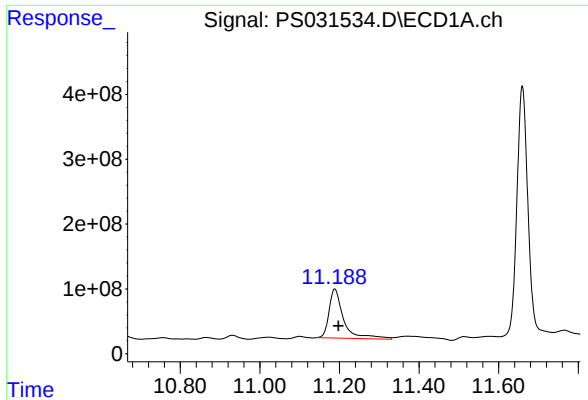
#14 DINOSEB

R.T.: 11.370 min
Delta R.T.: -0.003 min
Response: 316713933
Conc: 24.98 ng/ml



#14 DINOSEB

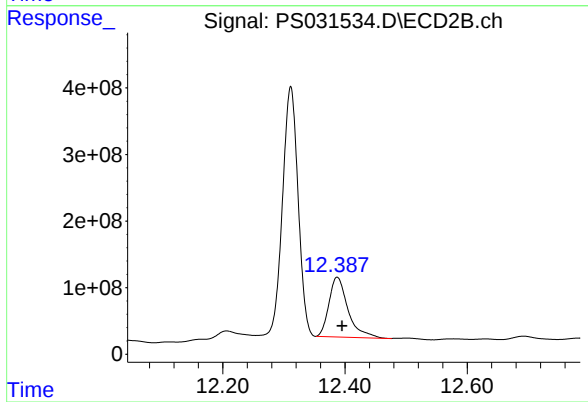
R.T.: 11.281 min
Delta R.T.: 0.003 min
Response: 189656830
Conc: 20.05 ng/ml



#15 Picloram

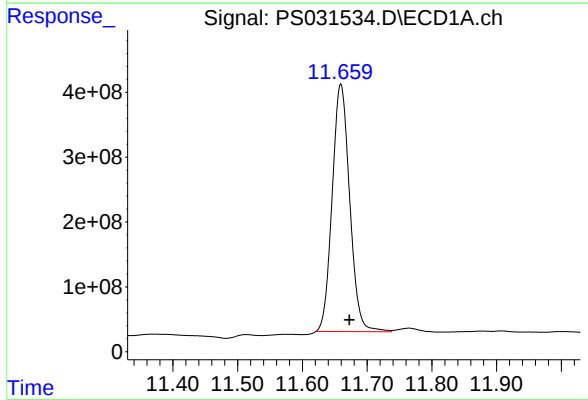
R.T.: 11.188 min
Delta R.T.: -0.009 min
Response: 1922320727
Conc: 147.26 ng/ml

Instrument :
ECD_S
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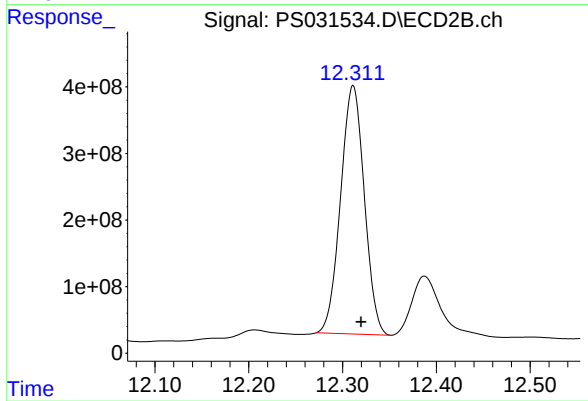
#15 Picloram

R.T.: 12.388 min
Delta R.T.: -0.008 min
Response: 1938773613
Conc: 110.60 ng/ml



#16 DCPA

R.T.: 11.659 min
Delta R.T.: -0.013 min
Response: 7171303209
Conc: 314.82 ng/ml



#16 DCPA

R.T.: 12.311 min
Delta R.T.: -0.009 min
Response: 6549452363
Conc: 332.45 ng/ml