

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS012324\
 Data File : PS025628.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jan 2024 17:11
 Operator : AR\AJ
 Sample : P1187-03
 Misc : MDL SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-SOIL-03-QT1-2024

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/24/2024
 Supervised By : Ankita Jodhani 01/24/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 00:00:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS011124.M
 Quant Title : 8080.M
 QLast Update : Thu Jan 11 16:45:24 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	6.349	6.758	683.0E6	367.8E6	458.541	479.055
Target Compounds							
1) T	Dalapon	2.469	2.520	171.9E6	116.2E6	74.297m	98.922m#
2) T	3,5-DICHL...	5.728	5.952	210.4E6	103.7E6	91.951	89.069
3) T	4-Nitroph...	6.195	6.380	65926388	37021508	72.955	77.761m
5) T	DICAMBA	6.489	6.916	540.4E6	269.4E6	84.678	80.965
6) T	MCP	6.635	7.009	22722093	18577686	5.675m	8.008m#
7) T	MCPA	6.757	7.214	42302316	42141323	7.475	12.163m#
8) T	DICHLORPROP	7.076	7.530	152.8E6	101.3E6	92.743	117.180 #
9) T	2,4-D	7.278	7.814	177.5E6	98777920	96.394	108.733
10) T	Pentachlo...	7.499	8.231	2180.9E6	1078.2E6	91.133m	87.657m
11) T	2,4,5-TP ...	8.021	8.589	860.9E6	409.2E6	92.632	86.685m
12) T	2,4,5-T	8.280	8.962	839.5E6	348.7E6	85.977	79.776
13) T	2,4-DB	8.788	9.465	123.6E6	53837621	114.808m	103.132m
14) T	DINOSEB	9.829	9.789	620.1E6	298.4E6	90.425	94.902
15) T	Picloram	9.682	10.751	653.7E6	349.5E6	63.182	65.726
16) T	DCPA	10.094	10.709	1162.4E6	444.9E6	95.833m	76.517m

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

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Sample : P1187-03
Misc : MDL SOIL
ALS Vial : 6 Sample Multiplier: 1

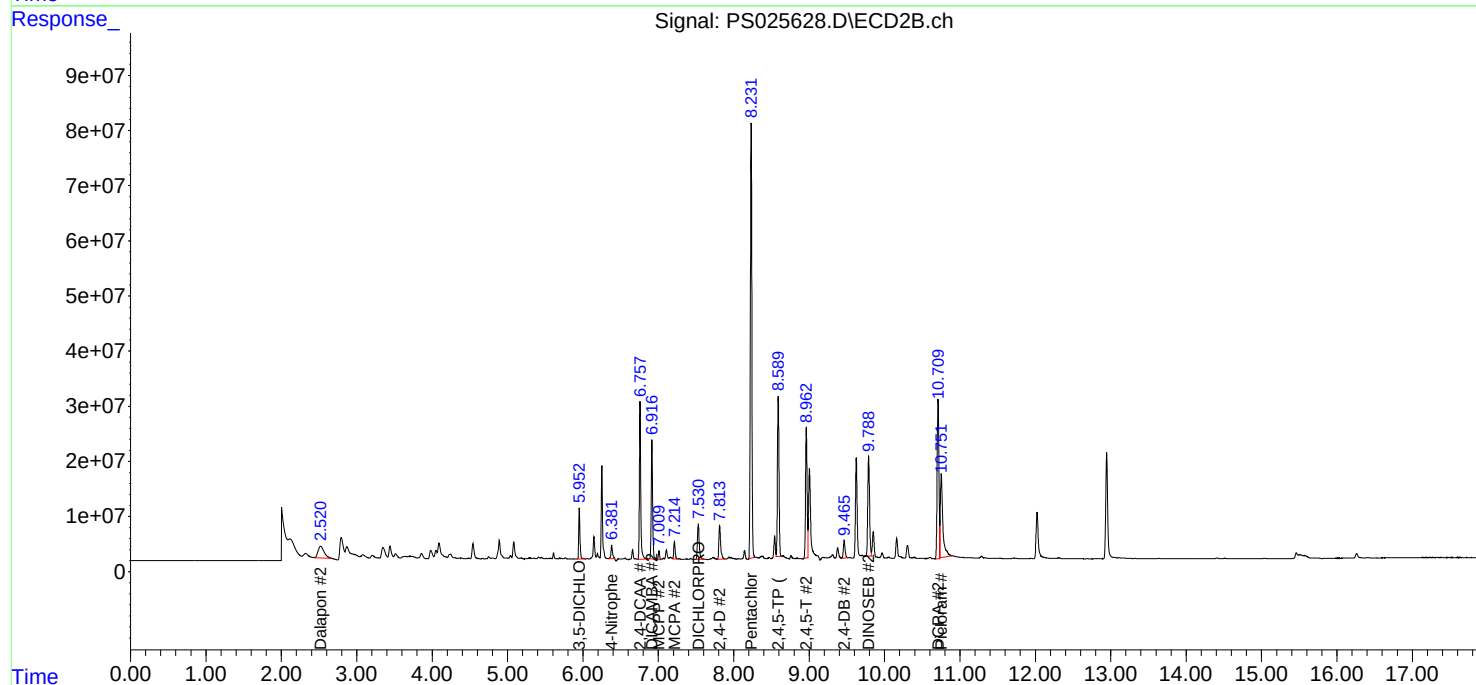
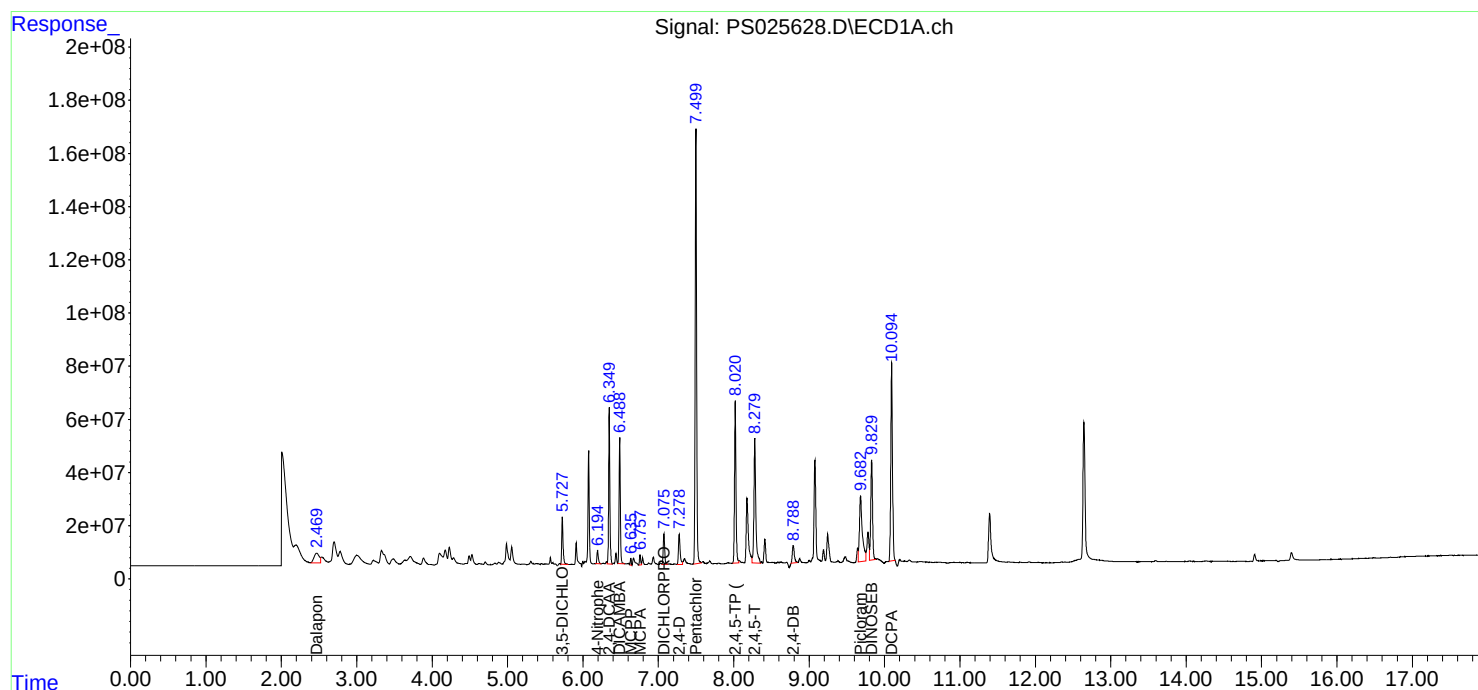
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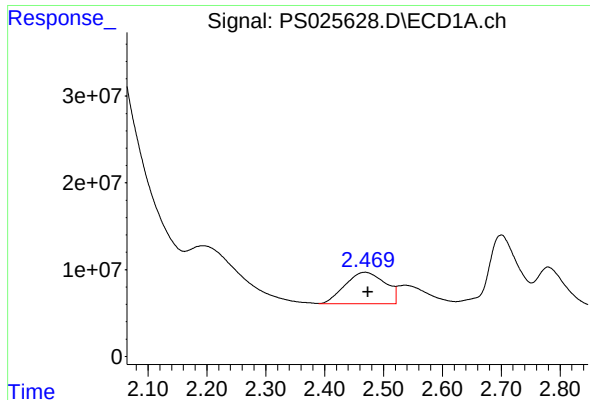
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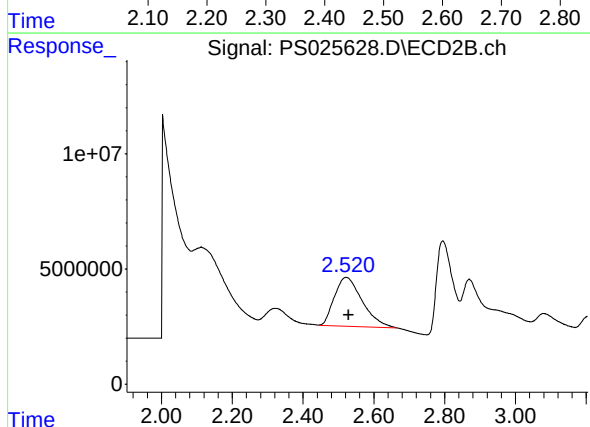
#1 Dalapon

R.T.: 2.469 min
Delta R.T.: -0.005 min
Response: 171930655
Conc: 74.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
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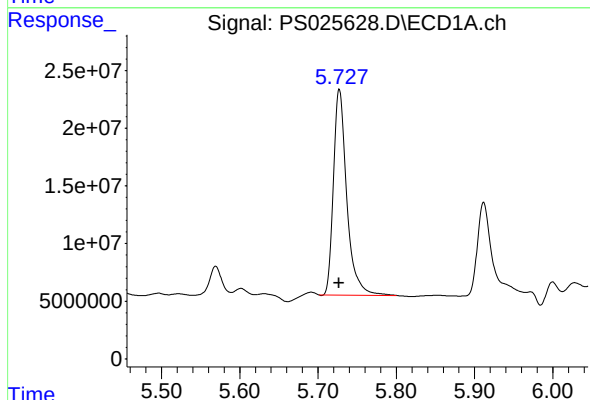
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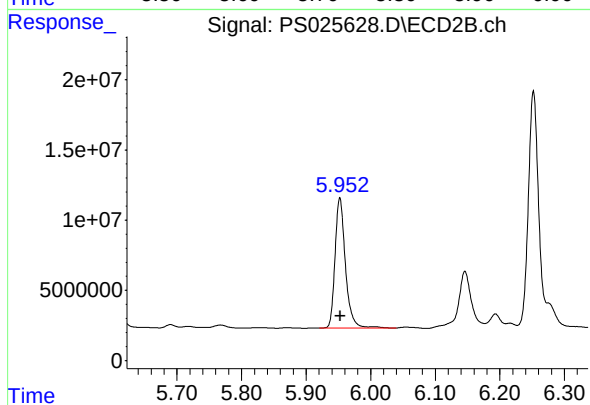
#1 Dalapon

R.T.: 2.520 min
Delta R.T.: -0.009 min
Response: 116216341
Conc: 98.92 ng/ml



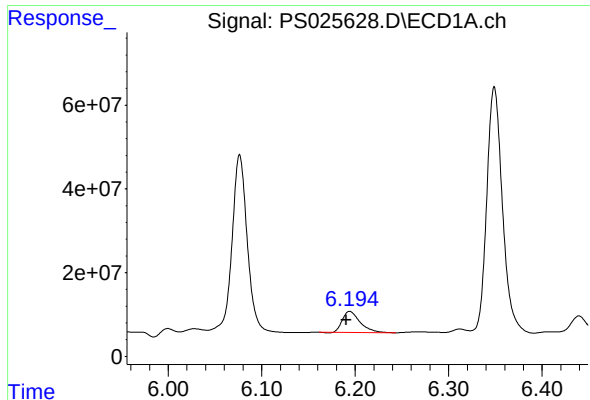
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.728 min
Delta R.T.: 0.000 min
Response: 210422262
Conc: 91.95 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 103699651
Conc: 89.07 ng/ml



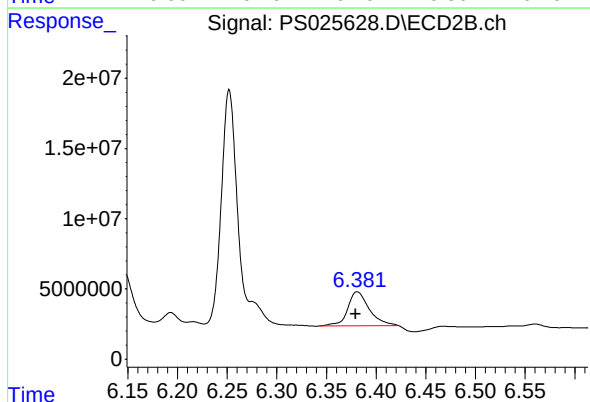
#3 4-Nitrophenol

R.T.: 6.195 min
Delta R.T.: 0.004 min
Response: 65926388
Conc: 72.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
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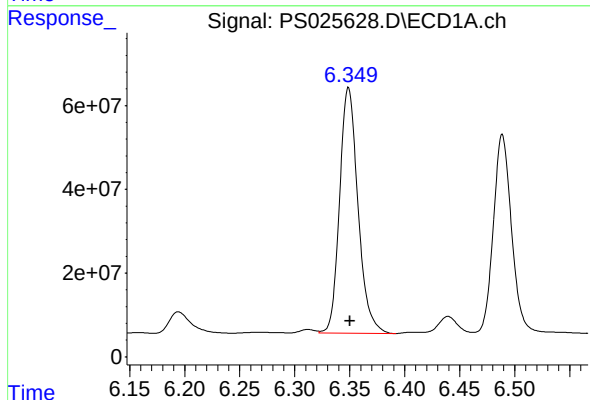
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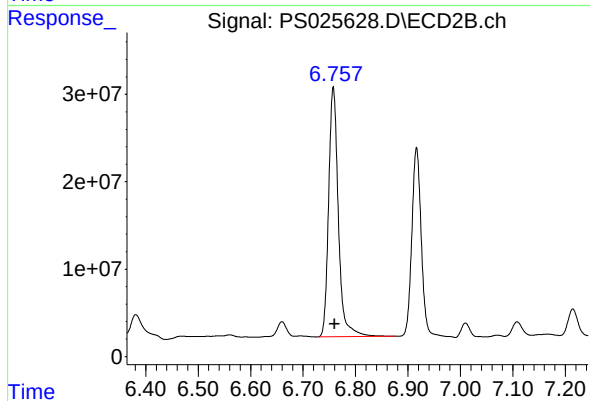
#3 4-Nitrophenol

R.T.: 6.380 min
Delta R.T.: 0.001 min
Response: 37021508
Conc: 77.76 ng/ml



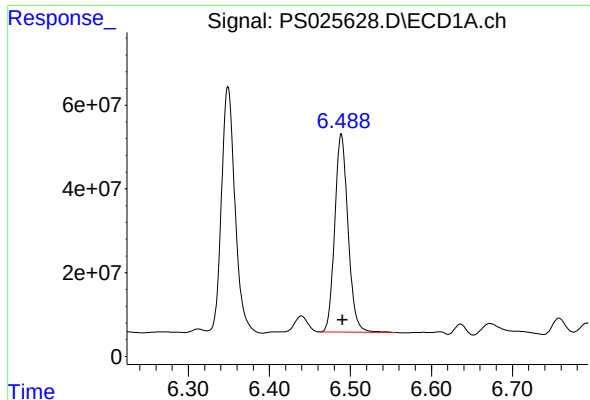
#4 2,4-DCAA

R.T.: 6.349 min
Delta R.T.: -0.001 min
Response: 682979515
Conc: 458.54 ng/ml



#4 2,4-DCAA

R.T.: 6.758 min
Delta R.T.: -0.003 min
Response: 367818688
Conc: 479.06 ng/ml



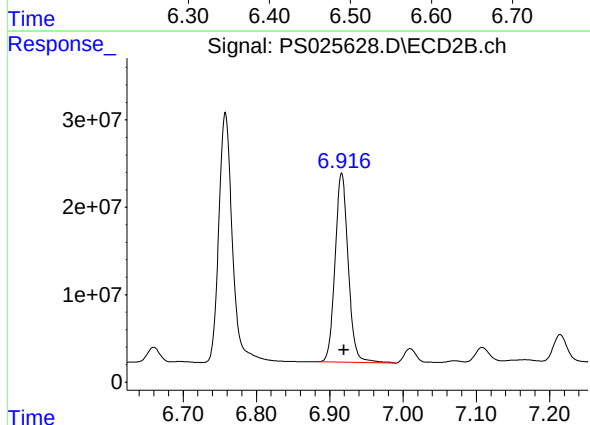
#5 DICAMBA

R.T.: 6.489 min
Delta R.T.: -0.002 min
Response: 540353199
Conc: 84.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
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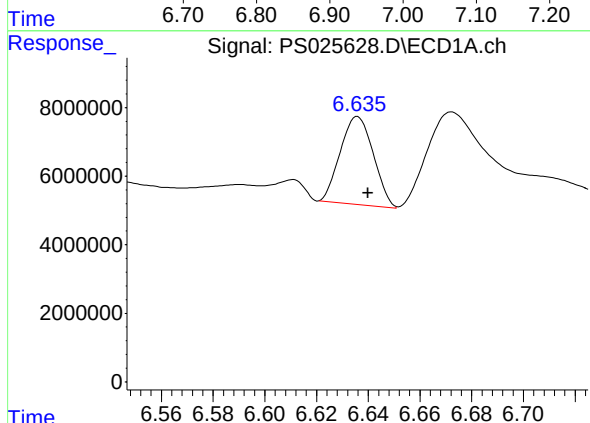
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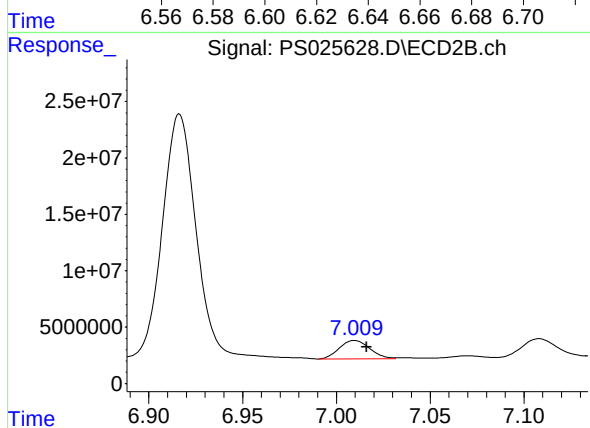
#5 DICAMBA

R.T.: 6.916 min
Delta R.T.: -0.003 min
Response: 269444059
Conc: 80.96 ng/ml



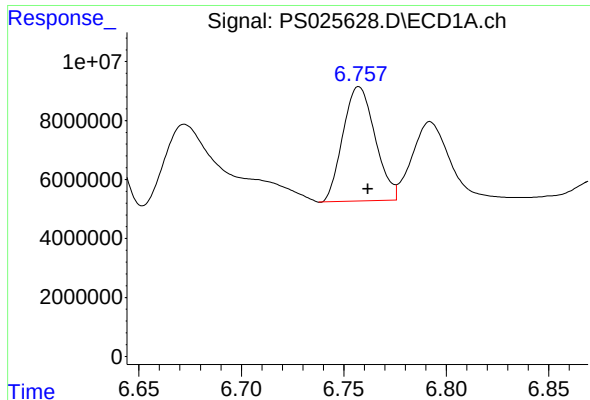
#6 MCP

R.T.: 6.635 min
Delta R.T.: -0.005 min
Response: 22722093
Conc: 5.67 ug/ml m



#6 MCP

R.T.: 7.009 min
Delta R.T.: -0.007 min
Response: 18577686
Conc: 8.01 ug/ml m



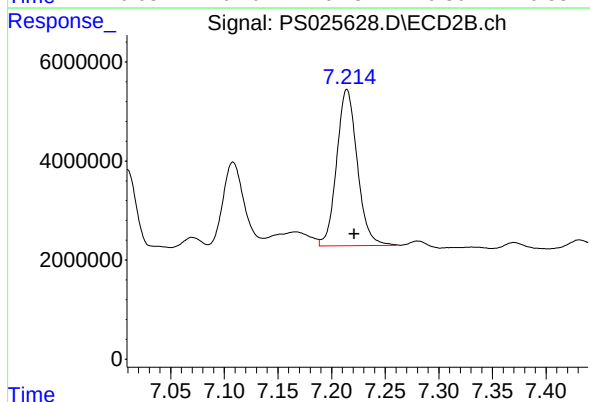
#7 MCPA

R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 42302316
Conc: 7.48 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT1-2024

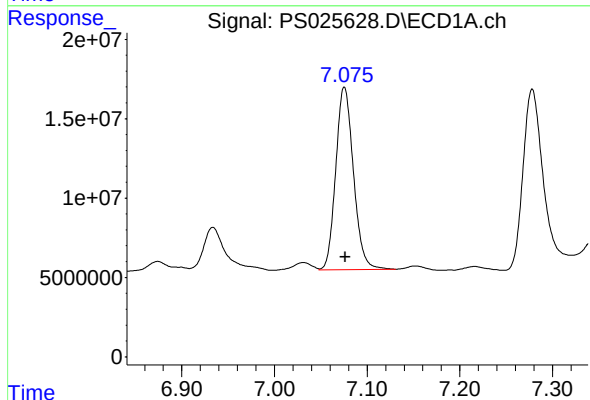
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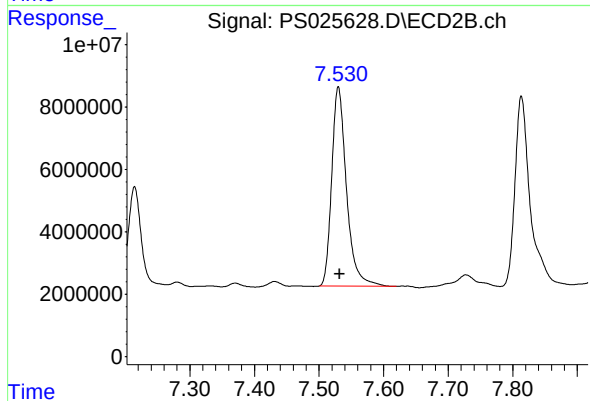
#7 MCPA

R.T.: 7.214 min
Delta R.T.: -0.007 min
Response: 42141323
Conc: 12.16 ug/ml



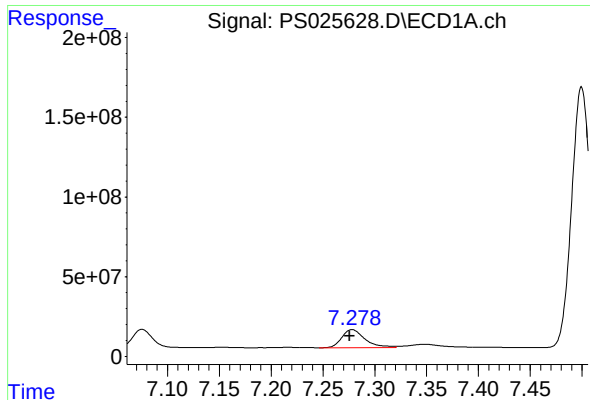
#8 DICHLORPROP

R.T.: 7.076 min
Delta R.T.: 0.000 min
Response: 152833547
Conc: 92.74 ng/ml



#8 DICHLORPROP

R.T.: 7.530 min
Delta R.T.: -0.002 min
Response: 101296421
Conc: 117.18 ng/ml



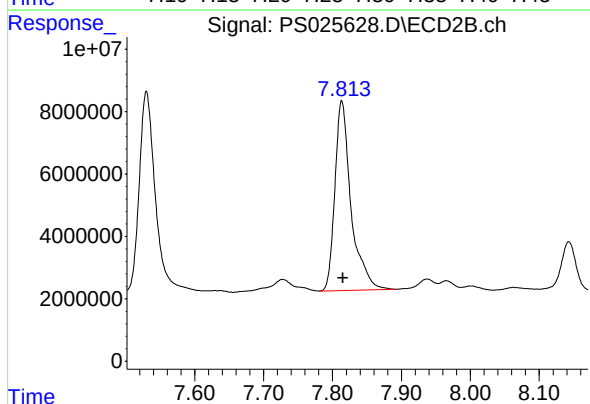
#9 2,4-D

R.T.: 7.278 min
Delta R.T.: 0.003 min
Response: 177495102
Conc: 96.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT1-2024

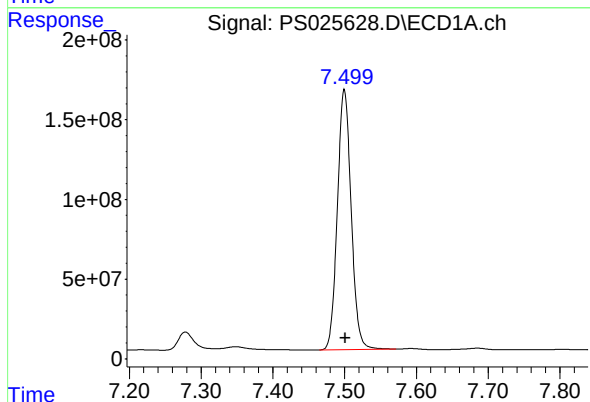
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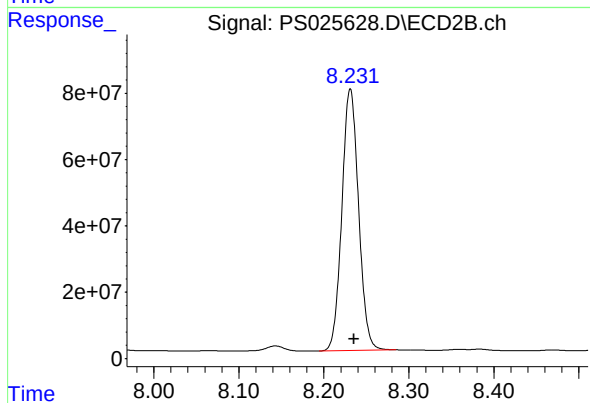
#9 2,4-D

R.T.: 7.814 min
Delta R.T.: -0.002 min
Response: 98777920
Conc: 108.73 ng/ml



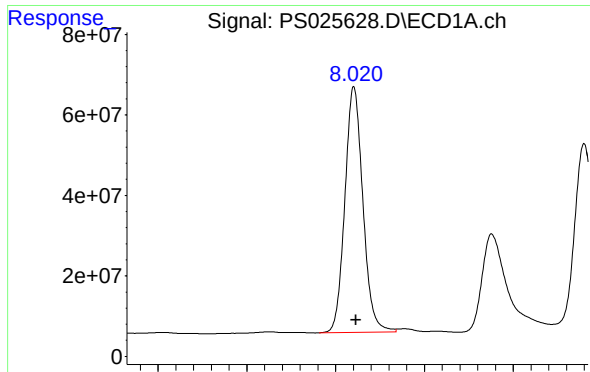
#10 Pentachlorophenol

R.T.: 7.499 min
Delta R.T.: -0.002 min
Response: 2180873456
Conc: 91.13 ng/ml m



#10 Pentachlorophenol

R.T.: 8.231 min
Delta R.T.: -0.005 min
Response: 1078175229
Conc: 87.66 ng/ml m



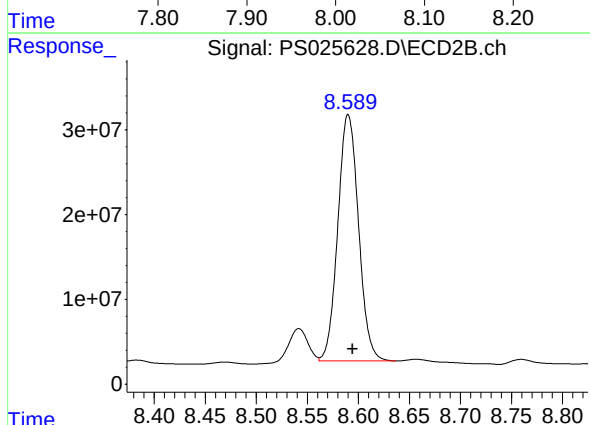
#11 2,4,5-TP (SILVEX)

R.T.: 8.021 min
Delta R.T.: -0.002 min
Response: 860908533
Conc: 92.63 ng/ml

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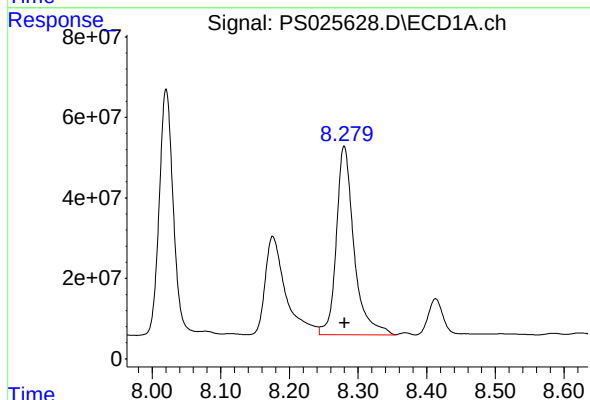
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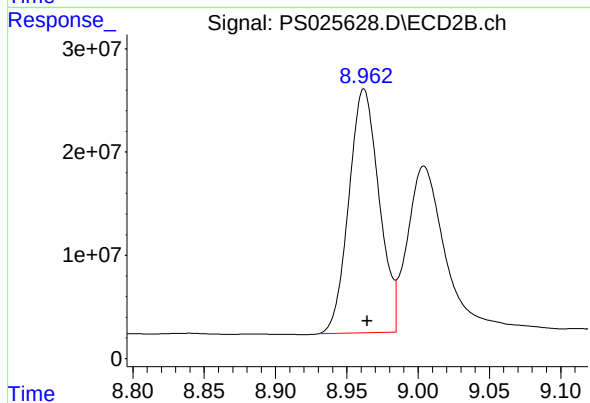
#11 2,4,5-TP (SILVEX)

R.T.: 8.589 min
Delta R.T.: -0.005 min
Response: 409214129
Conc: 86.68 ng/ml



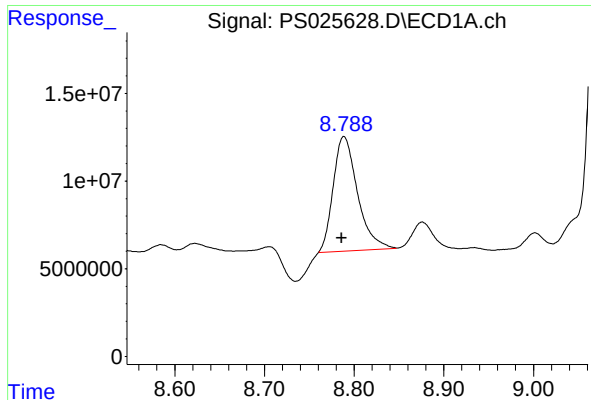
#12 2,4,5-T

R.T.: 8.280 min
Delta R.T.: 0.000 min
Response: 839450641
Conc: 85.98 ng/ml



#12 2,4,5-T

R.T.: 8.962 min
Delta R.T.: -0.002 min
Response: 348677835
Conc: 79.78 ng/ml



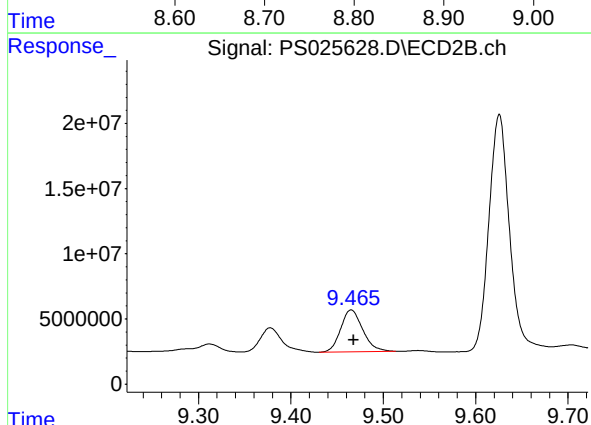
#13 2,4-DB

R.T.: 8.788 min
Delta R.T.: 0.002 min
Response: 123581866
Conc: 114.81 ng/ml

Instrument :
ECD_S
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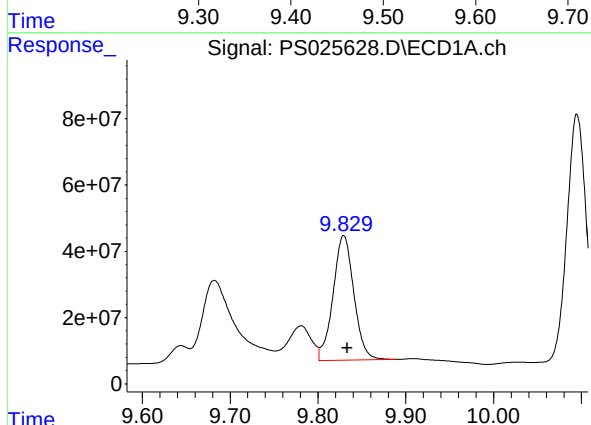
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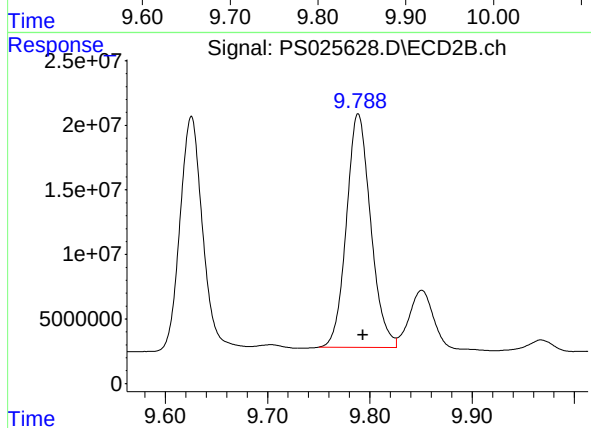
#13 2,4-DB

R.T.: 9.465 min
Delta R.T.: -0.003 min
Response: 53837621
Conc: 103.13 ng/ml



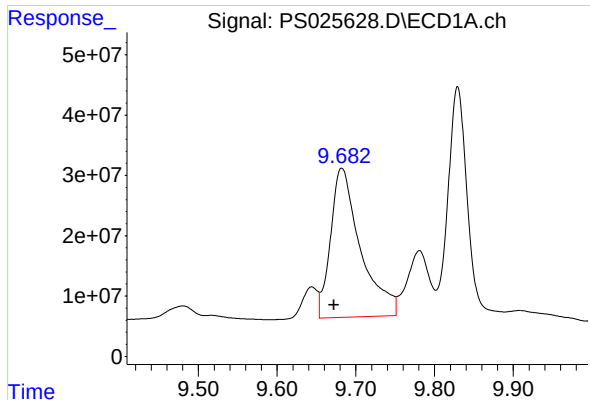
#14 DINOSEB

R.T.: 9.829 min
Delta R.T.: -0.004 min
Response: 620089104
Conc: 90.42 ng/ml



#14 DINOSEB

R.T.: 9.789 min
Delta R.T.: -0.005 min
Response: 298352553
Conc: 94.90 ng/ml



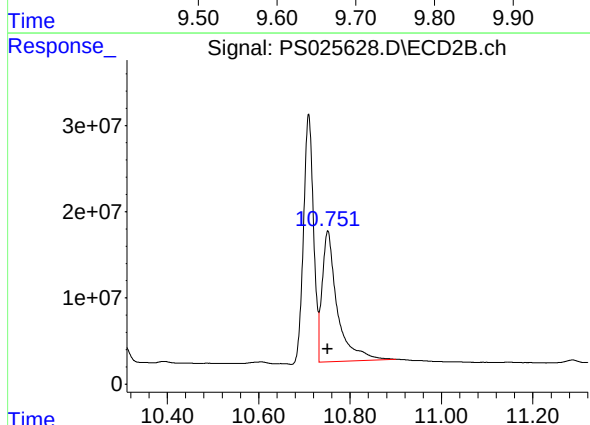
#15 Picloram

R.T.: 9.682 min
Delta R.T.: 0.010 min
Response: 653681375
Conc: 63.18 ng/ml

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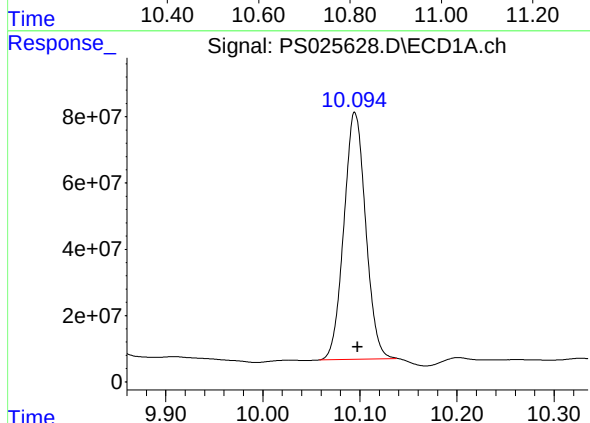
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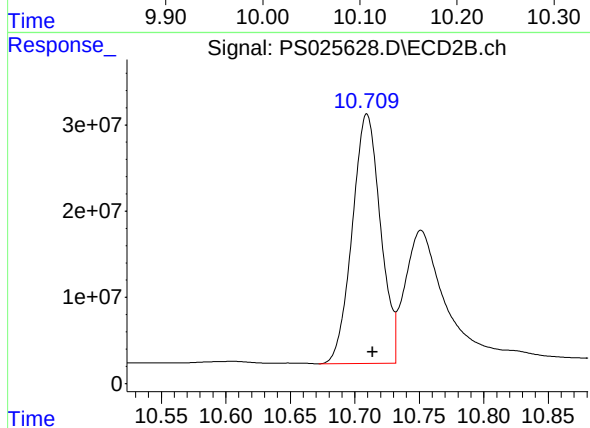
#15 Picloram

R.T.: 10.751 min
Delta R.T.: 0.000 min
Response: 349455471
Conc: 65.73 ng/ml



#16 DCPA

R.T.: 10.094 min
Delta R.T.: -0.004 min
Response: 1162360875
Conc: 95.83 ng/ml m



#16 DCPA

R.T.: 10.709 min
Delta R.T.: -0.005 min
Response: 444901491
Conc: 76.52 ng/ml m