

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032824\
 Data File : PS026269.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2024 10:40
 Operator : AR\AJ
 Sample : P1863-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 SOIL-PILE-COMPMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/29/2024
 Supervised By : Ankita Jodhani 03/29/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 11:27:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS031924.M
 Quant Title : 8080.M
 QLast Update : Tue Mar 19 15:58:33 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 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	7.180	7.694	1309.7E6	339.4E6	407.906m	360.658
Target Compounds							
1) T	Dalapon	2.625	2.667	3361.1E6	1331.8E6	649.967	700.668
2) T	3,5-DICHL...	6.361	6.662	1452.3E6	439.9E6	310.672	305.331
3) T	4-Nitroph...	6.978	7.224	785.9E6	175.0E6	450.620	369.861
5) T	DICAMBA	7.365	7.889	4739.8E6	1487.6E6	349.737m	342.626
6) T	MCPD	7.545	7.991	219.8E6	85715762	22.628	26.839
7) T	MCPA	7.693	8.231	466.9E6	146.9E6	34.402m	33.846
8) T	DICHLORPROP	8.069	8.596	1143.6E6	320.3E6	325.645	295.780m
9) T	2,4-D	8.297	8.921	1397.1E6	378.3E6	391.270m	367.343
10) T	Pentachlo...	8.594	9.441	12712.4E6	3862.4E6	268.138	242.144
11) T	2,4,5-TP ...	9.170	9.816	5286.1E6	1634.0E6	277.660	269.397
12) T	2,4,5-T	9.461	10.229	5830.0E6	1555.5E6	313.418	289.211
13) T	2,4-DB	10.060	10.811	920.6E6	467.6E6	367.977	776.509 #
14) T	DINOSEB	11.232	11.168	3146.7E6	876.4E6	241.148	228.185m
15) T	Picloram	11.041	12.244	9072.1E6	2304.2E6	397.922	378.233
16) T	DCPA	11.526	12.202	10148.8E6	3119.2E6	421.031m	445.513m

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

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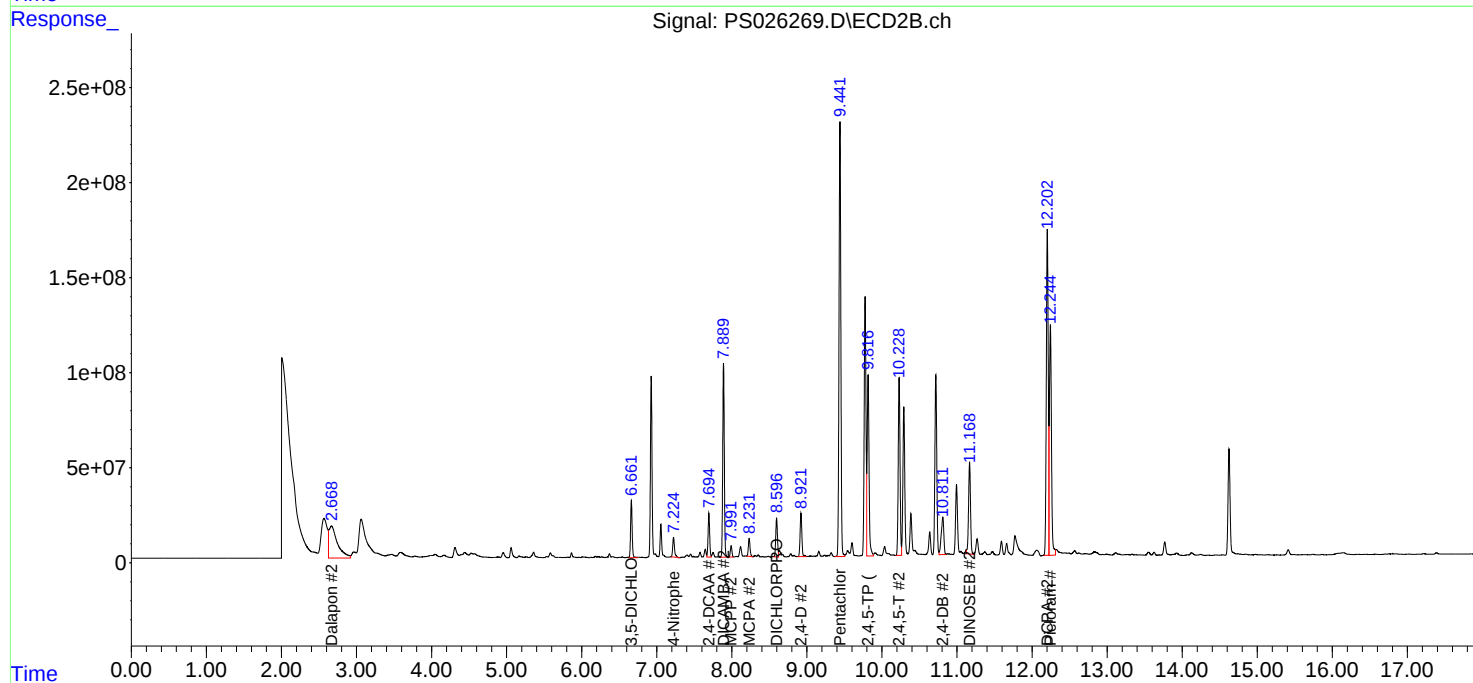
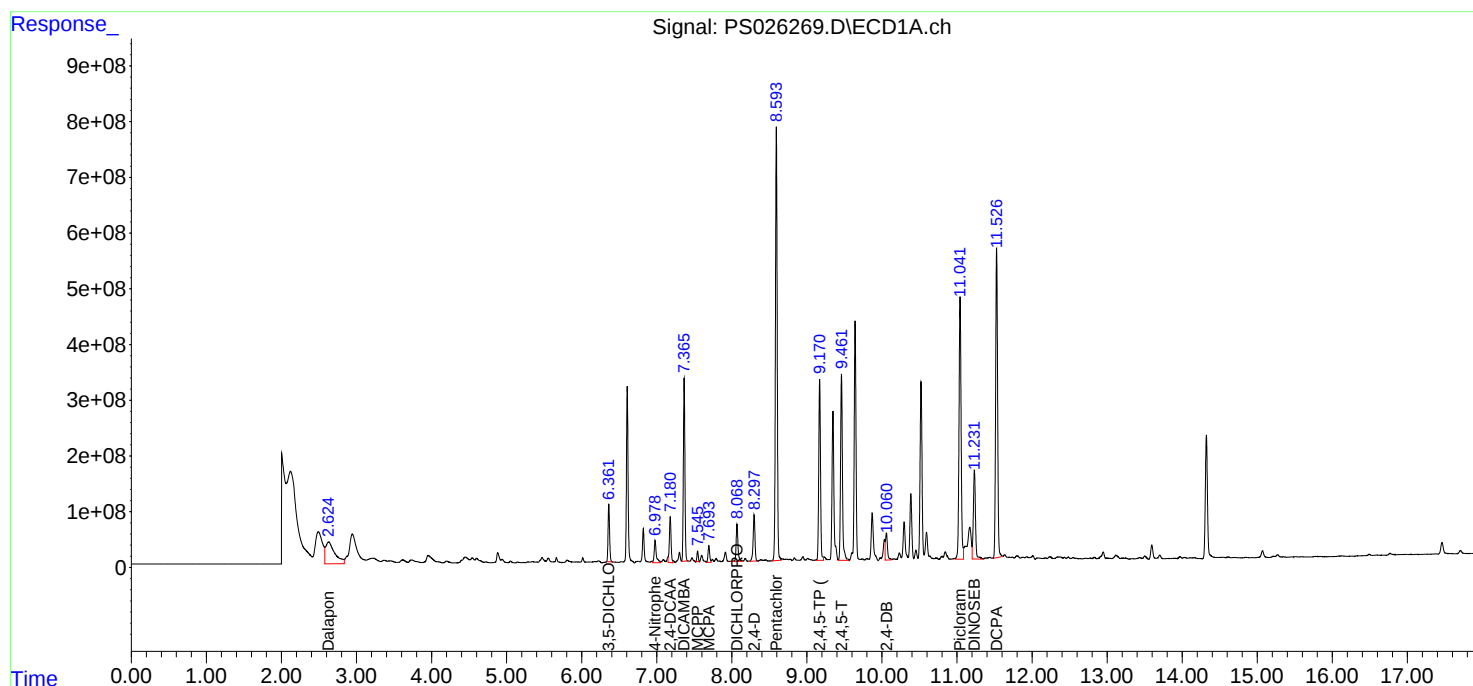
Instrument :
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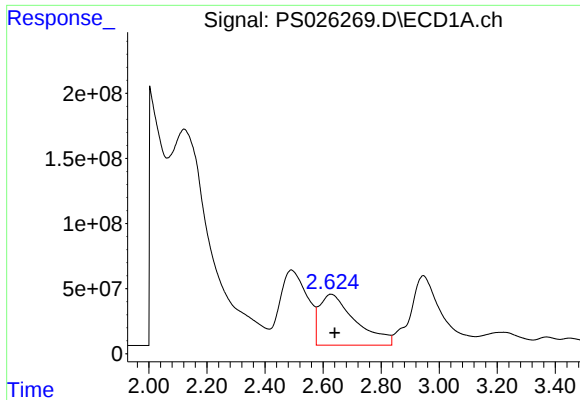
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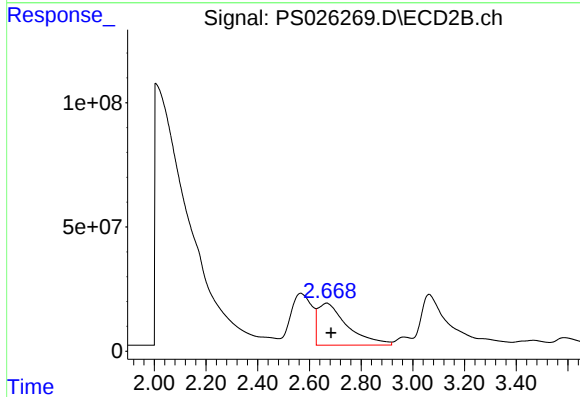
#1 Dalapon

R.T.: 2.625 min
Delta R.T.: -0.015 min
Response: 3361100790
Conc: 649.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-COMPMS

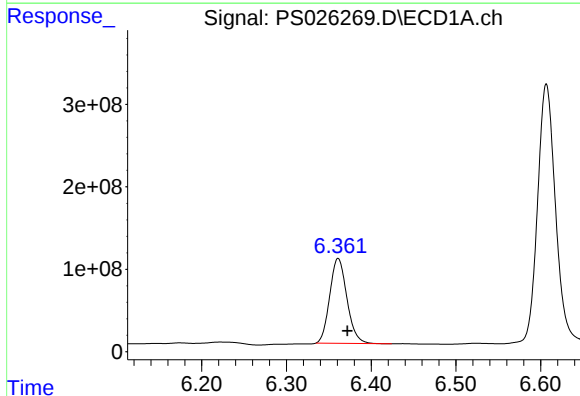
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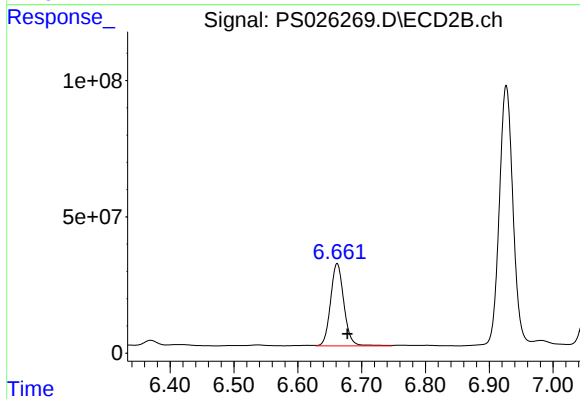
#1 Dalapon

R.T.: 2.667 min
Delta R.T.: -0.018 min
Response: 1331808011
Conc: 700.67 ng/ml



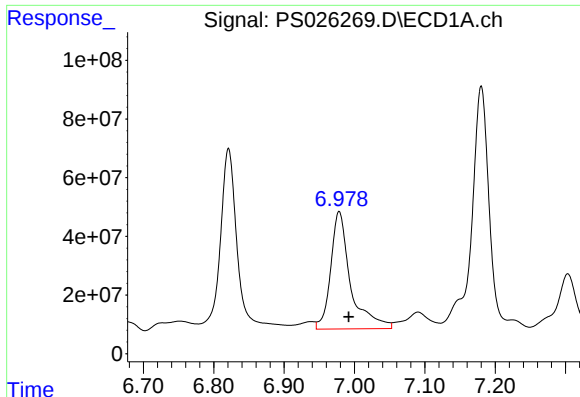
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.361 min
Delta R.T.: -0.011 min
Response: 1452321989
Conc: 310.67 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.662 min
Delta R.T.: -0.016 min
Response: 439924358
Conc: 305.33 ng/ml



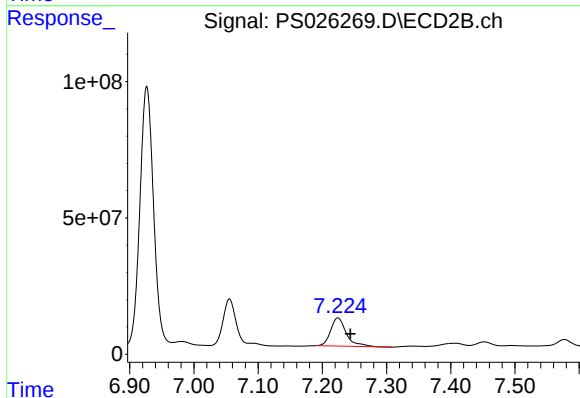
#3 4-Nitrophenol

R.T.: 6.978 min
Delta R.T.: -0.013 min
Response: 785924859
Conc: 450.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-COMPMS

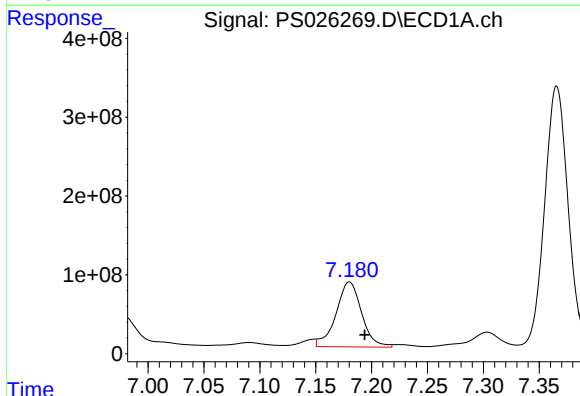
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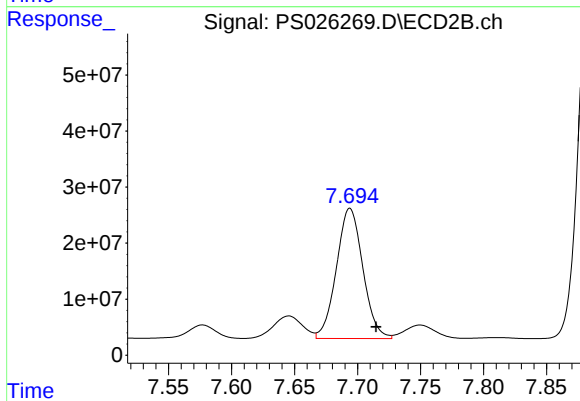
#3 4-Nitrophenol

R.T.: 7.224 min
Delta R.T.: -0.020 min
Response: 175046036
Conc: 369.86 ng/ml



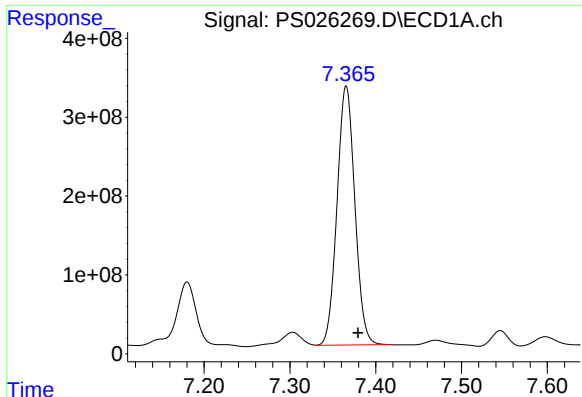
#4 2,4-DCAA

R.T.: 7.180 min
Delta R.T.: -0.014 min
Response: 1309685862
Conc: 407.91 ng/ml m



#4 2,4-DCAA

R.T.: 7.694 min
Delta R.T.: -0.021 min
Response: 339364678
Conc: 360.66 ng/ml



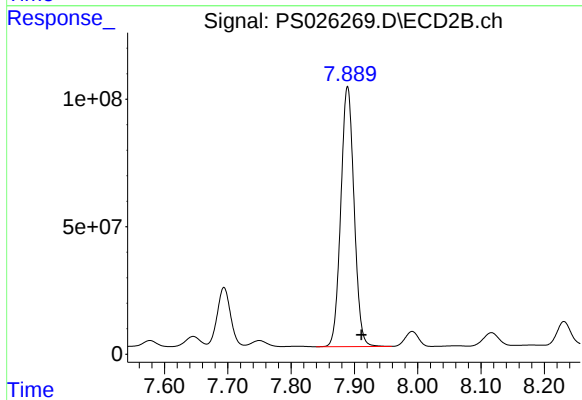
#5 DICAMBA

R.T.: 7.365 min
Delta R.T.: -0.015 min
Response: 4739781456
Conc: 349.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-COMPMS

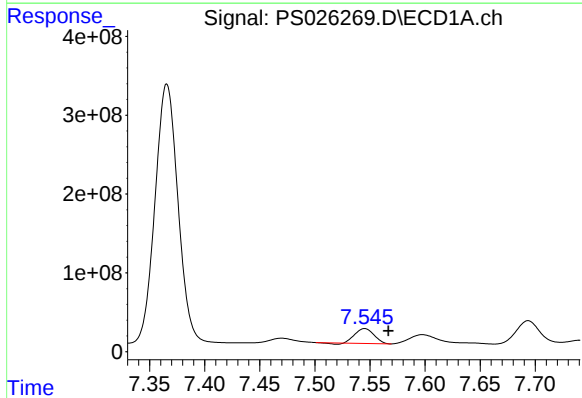
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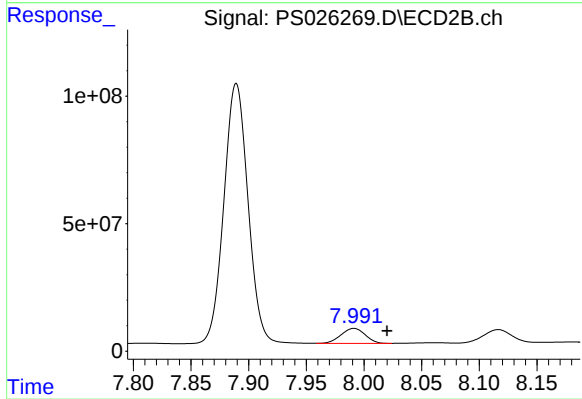
#5 DICAMBA

R.T.: 7.889 min
Delta R.T.: -0.022 min
Response: 1487640969
Conc: 342.63 ng/ml



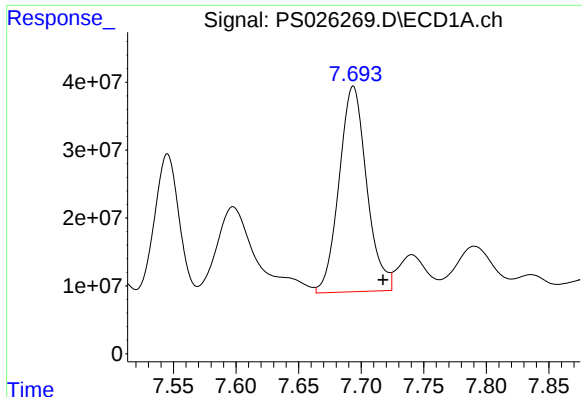
#6 MCPP

R.T.: 7.545 min
Delta R.T.: -0.022 min
Response: 219824528
Conc: 22.63 ug/ml



#6 MCPP

R.T.: 7.991 min
Delta R.T.: -0.029 min
Response: 85715762
Conc: 26.84 ug/ml



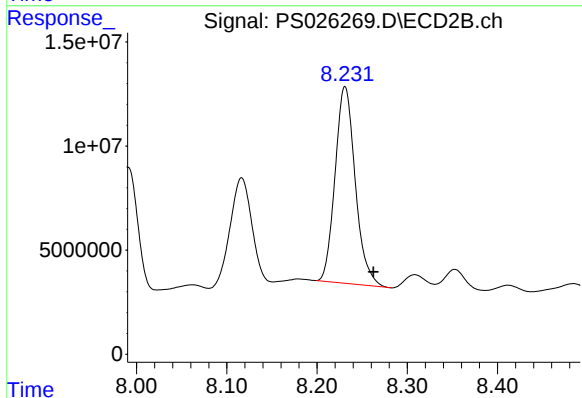
#7 MCPA

R.T.: 7.693 min
Delta R.T.: -0.024 min
Response: 466860598
Conc: 34.40 ug/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-COMPMS

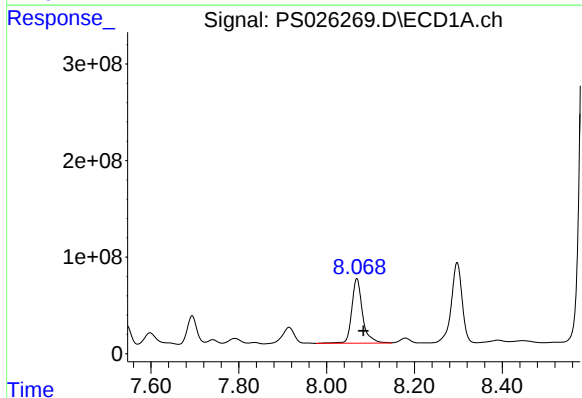
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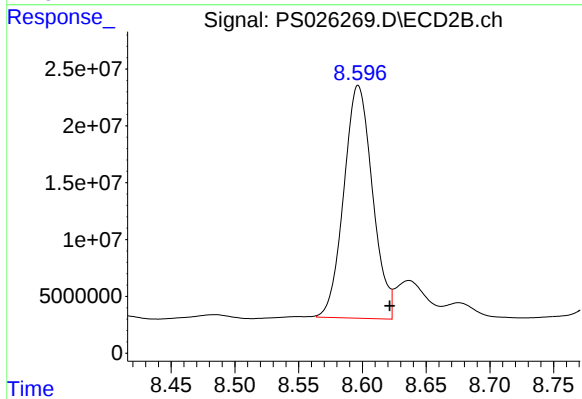
#7 MCPA

R.T.: 8.231 min
Delta R.T.: -0.032 min
Response: 146923222
Conc: 33.85 ug/ml



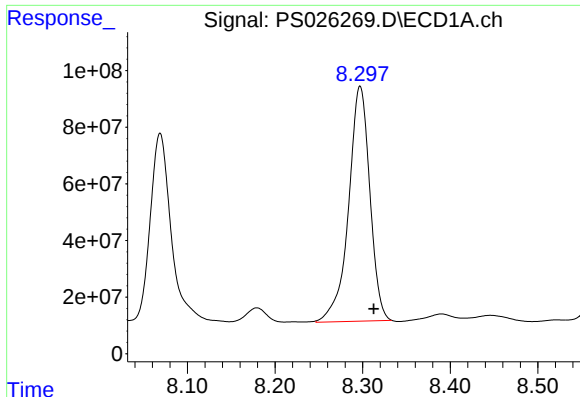
#8 DICHLORPROP

R.T.: 8.069 min
Delta R.T.: -0.015 min
Response: 1143563919
Conc: 325.64 ng/ml



#8 DICHLORPROP

R.T.: 8.596 min
Delta R.T.: -0.025 min
Response: 320332647
Conc: 295.78 ng/ml m



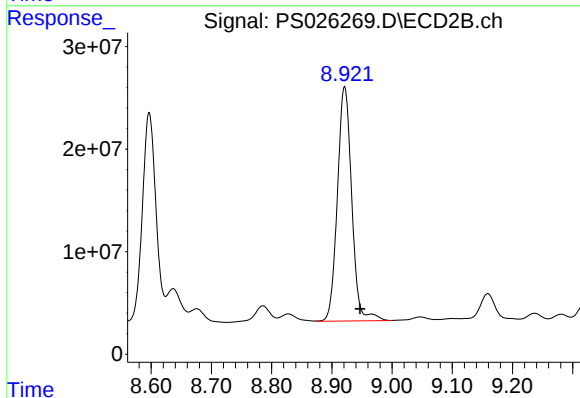
#9 2,4-D

R.T.: 8.297 min
Delta R.T.: -0.016 min
Response: 1397136527
Conc: 391.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-COMPMS

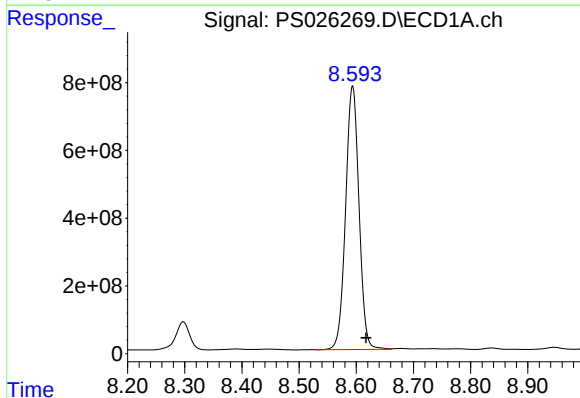
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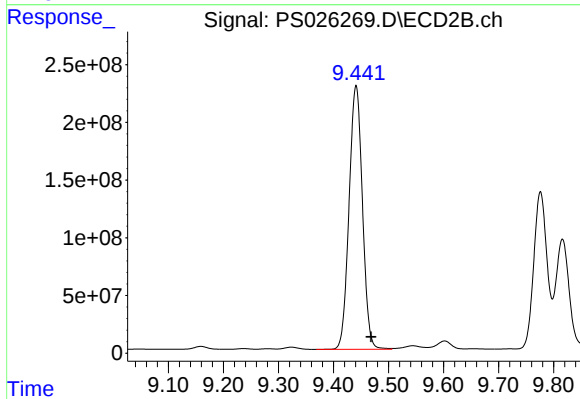
#9 2,4-D

R.T.: 8.921 min
Delta R.T.: -0.025 min
Response: 378255240
Conc: 367.34 ng/ml



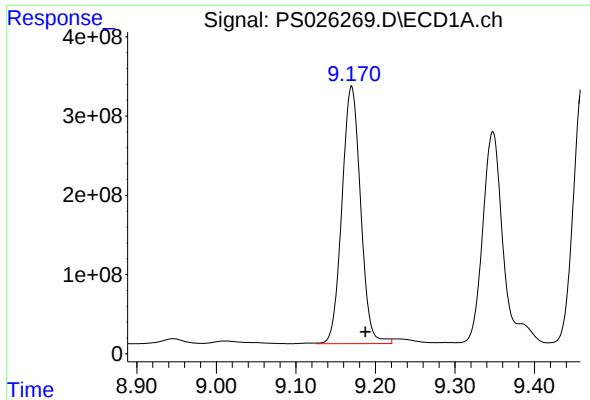
#10 Pentachlorophenol

R.T.: 8.594 min
Delta R.T.: -0.024 min
Response: 12712402397
Conc: 268.14 ng/ml



#10 Pentachlorophenol

R.T.: 9.441 min
Delta R.T.: -0.027 min
Response: 3862430128
Conc: 242.14 ng/ml



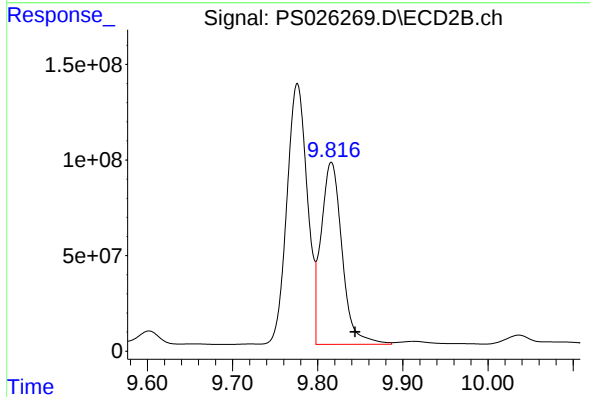
#11 2,4,5-TP (SILVEX)

R.T.: 9.170 min
Delta R.T.: -0.018 min
Response: 5286143174
Conc: 277.66 ng/ml

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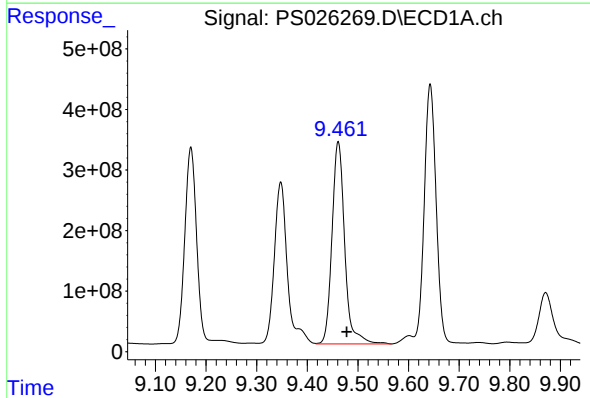
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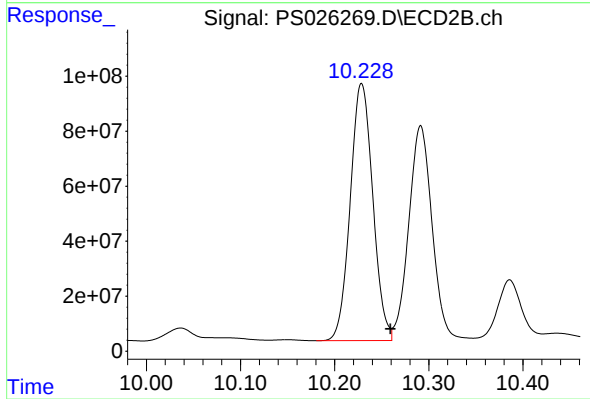
#11 2,4,5-TP (SILVEX)

R.T.: 9.816 min
Delta R.T.: -0.028 min
Response: 1634048300
Conc: 269.40 ng/ml



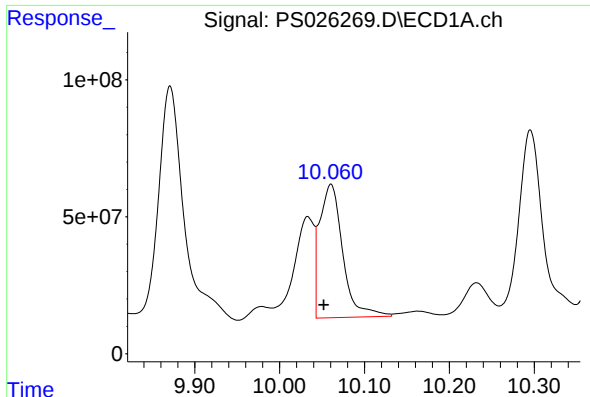
#12 2,4,5-T

R.T.: 9.461 min
Delta R.T.: -0.017 min
Response: 5830016538
Conc: 313.42 ng/ml



#12 2,4,5-T

R.T.: 10.229 min
Delta R.T.: -0.030 min
Response: 1555501165
Conc: 289.21 ng/ml



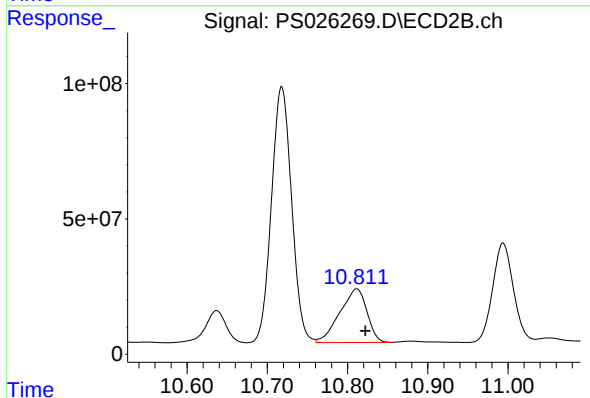
#13 2,4-DB

R.T.: 10.060 min
Delta R.T.: 0.008 min
Response: 920615823
Conc: 367.98 ng/ml

Instrument :
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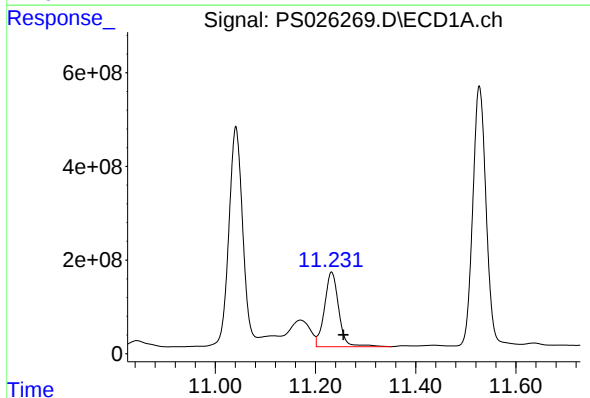
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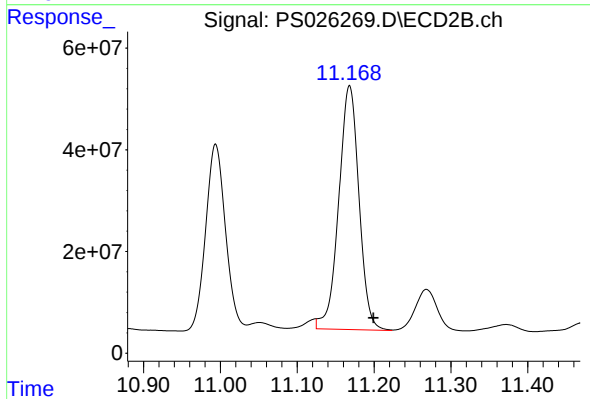
#13 2,4-DB

R.T.: 10.811 min
Delta R.T.: -0.011 min
Response: 467578278
Conc: 776.51 ng/ml



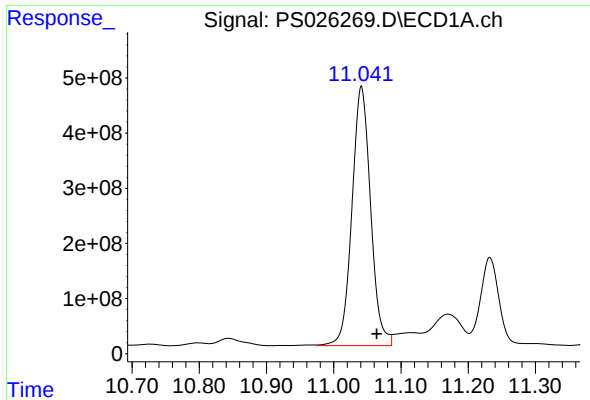
#14 DINOSEB

R.T.: 11.232 min
Delta R.T.: -0.024 min
Response: 3146684901
Conc: 241.15 ng/ml



#14 DINOSEB

R.T.: 11.168 min
Delta R.T.: -0.032 min
Response: 876381460
Conc: 228.19 ng/ml m



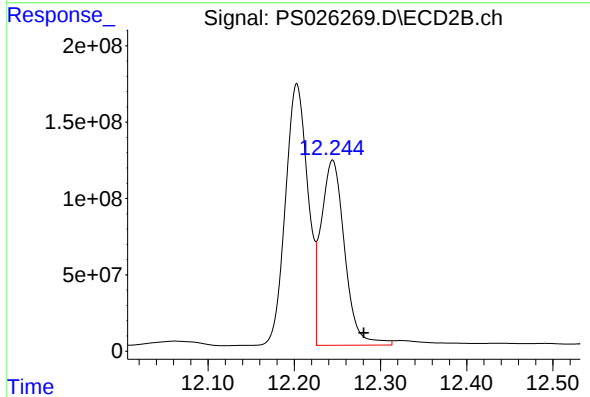
#15 Picloram

R.T.: 11.041 min
Delta R.T.: -0.023 min
Response: 9072115514
Conc: 397.92 ng/ml

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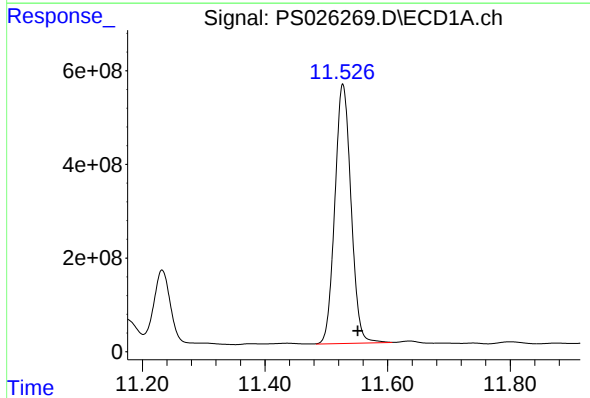
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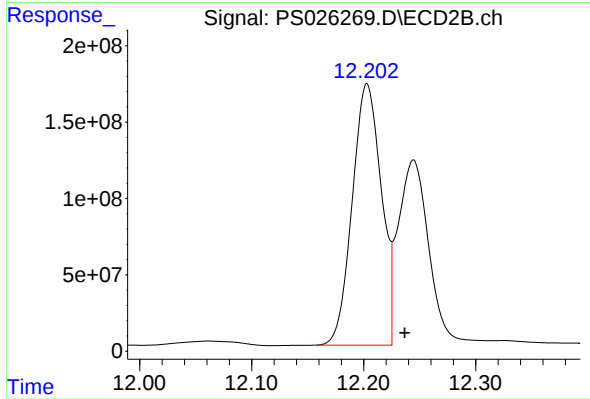
#15 Picloram

R.T.: 12.244 min
Delta R.T.: -0.036 min
Response: 2304183329
Conc: 378.23 ng/ml



#16 DCPA

R.T.: 11.526 min
Delta R.T.: -0.025 min
Response: 10148758669
Conc: 421.03 ng/ml m



#16 DCPA

R.T.: 12.202 min
Delta R.T.: -0.034 min
Response: 3119182356
Conc: 445.51 ng/ml m