

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050924\
 Data File : PS026709.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 17:40
 Operator : AR\AJ
 Sample : P2403-03
 Misc : MDL SOIL 100PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/10/2024
 Supervised By : Ankita Jodhani 05/10/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 05:27:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS050624.M
 Quant Title : 8080.M
 QLast Update : Mon May 06 13:55:47 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	7.270	7.780	1194.1E6	743.2E6	480.154	445.696m
Target Compounds							
1) T	Dalapon	2.651	2.707	232.3E6	341.5E6	63.520m	116.497m#
2) T	3,5-DICHL...	6.436	6.727	277.8E6	208.9E6	80.758	85.400
3) T	4-Nitroph...	7.071	7.306	73238880	68534104	45.457	60.262m#
5) T	DICAMBA	7.457	7.981	807.1E6	562.5E6	78.699	75.975
6) T	MCPD	7.633	8.078	47033413	30450186	6.330m	5.924
7) T	MCPA	7.782	8.320	78448152	86451709	7.087	11.562m#
8) T	DICHLORPROP	8.163	8.697	267.7E6	170.1E6	89.336	88.635
9) T	2,4-D	8.394	9.027	322.8E6	205.7E6	98.075	99.828m
10) T	Pentachlo...	8.691	9.558	3376.2E6	2364.9E6	82.448m	86.530m
11) T	2,4,5-TP ...	9.270	9.933	1443.1E6	1069.2E6	86.703m	96.893m
12) T	2,4,5-T	9.564	10.354	1367.5E6	970.0E6	80.238	89.545
13) T	2,4-DB	10.137	10.946	170.5E6	228.9E6	71.912m	168.379m#
14) T	DINOSEB	11.347	11.299	533.1E6	535.9E6	51.924m	78.017 #
15) T	Picloram	11.156	12.397	1902.4E6	1325.1E6	85.170m	82.688
16) T	DCPA	11.638	12.343	1172.3E6	1237.9E6	62.272m	93.630 #

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

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Sample : P2403-03
Misc : MDL SOIL 100PPB
ALS Vial : 11 Sample Multiplier: 1

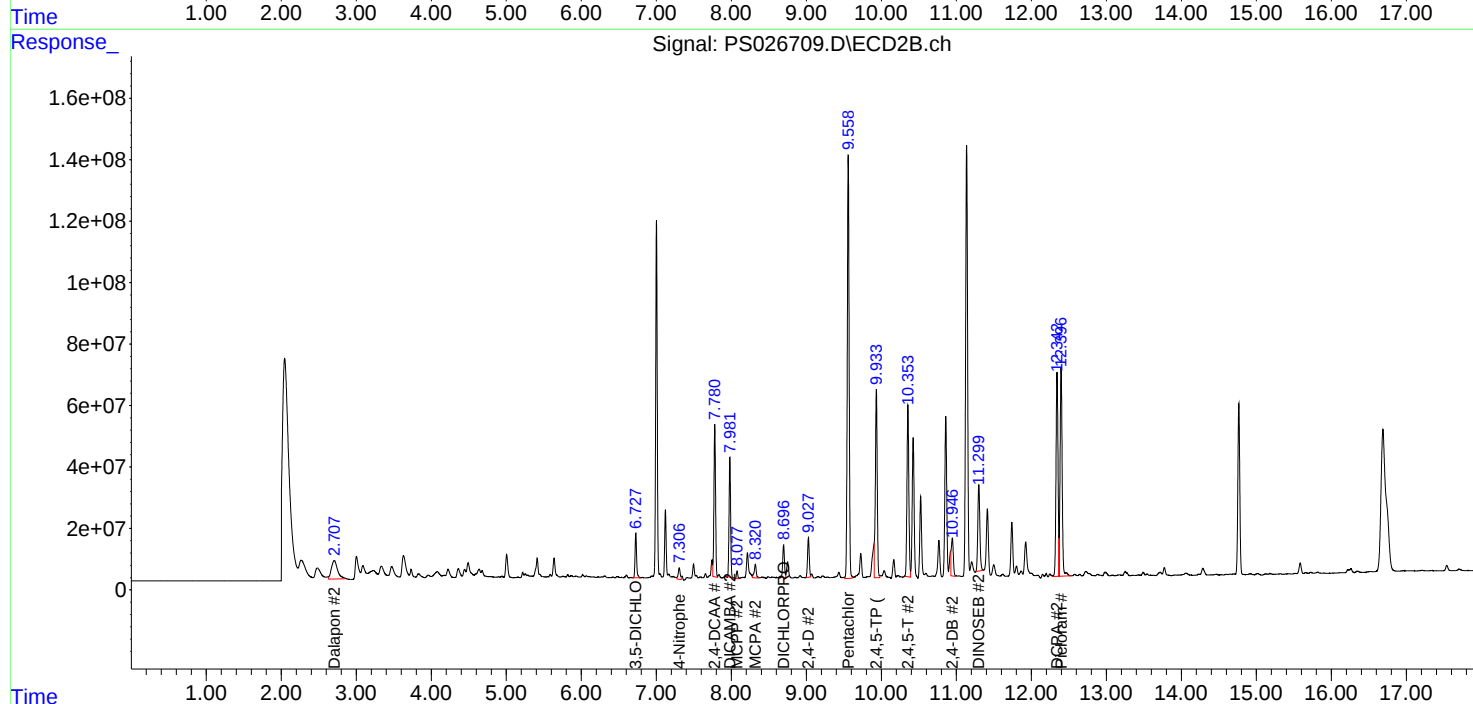
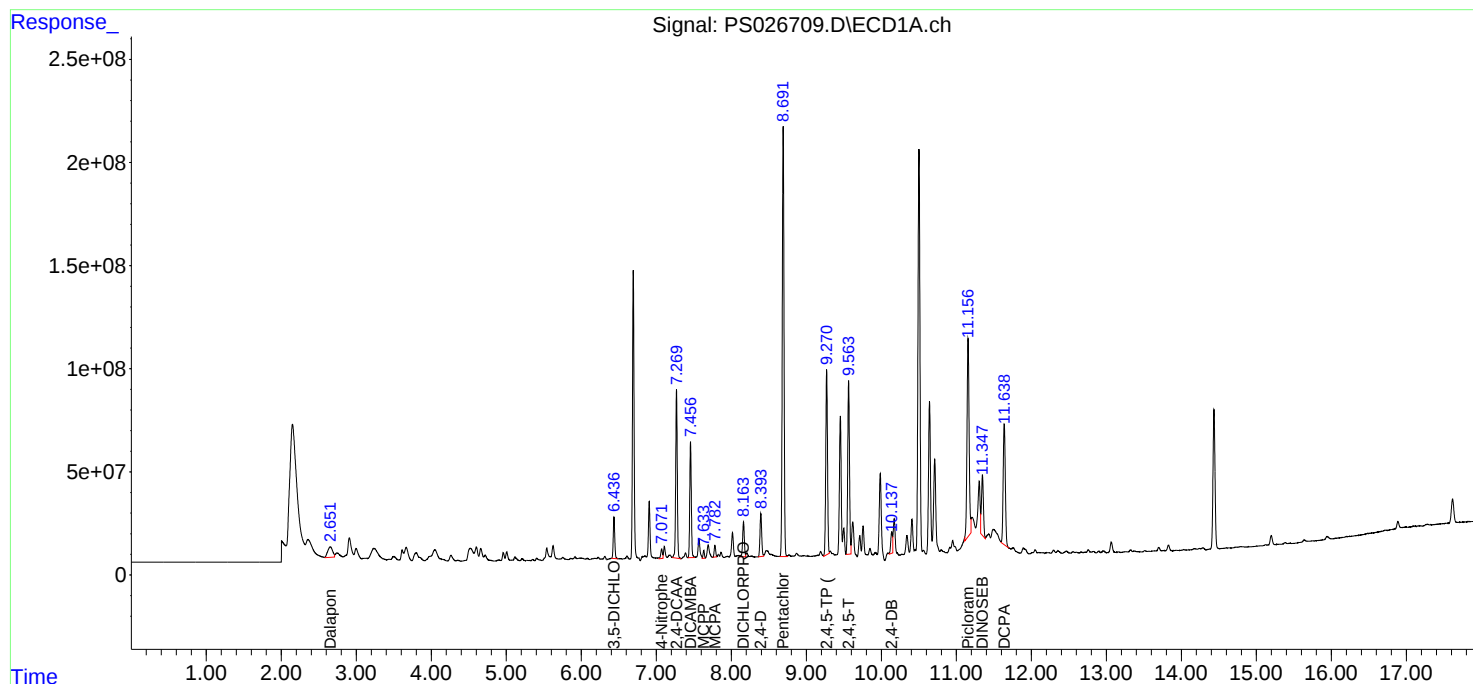
Instrument :
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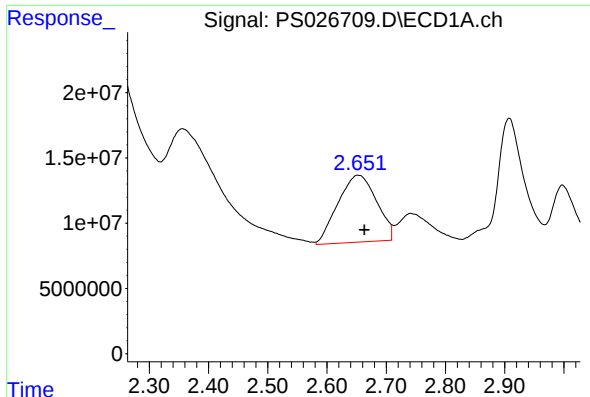
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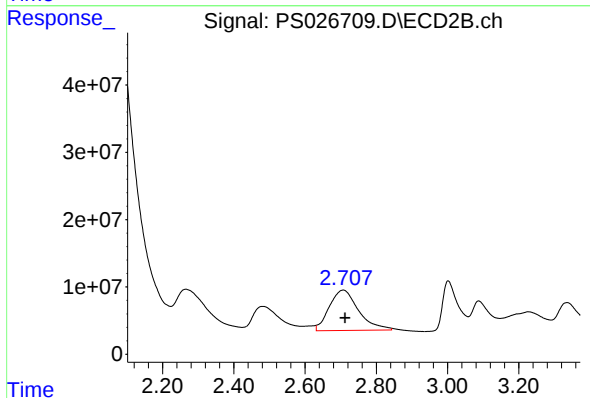
#1 Dalapon

R.T.: 2.651 min
Delta R.T.: -0.012 min
Response: 232311638
Conc: 63.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
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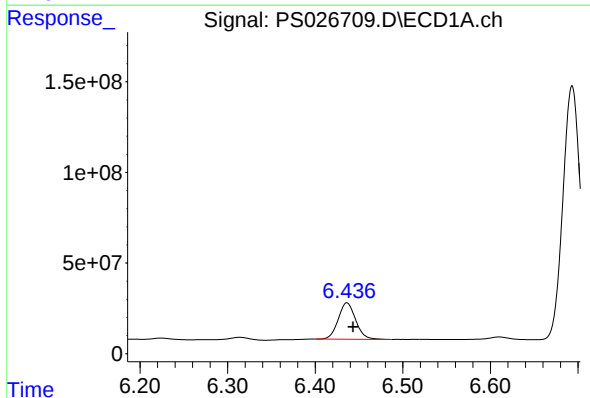
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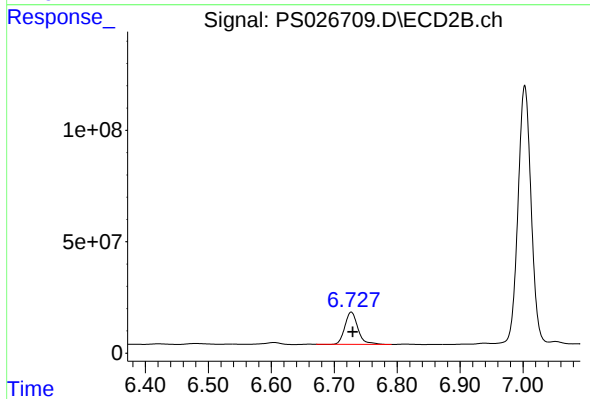
#1 Dalapon

R.T.: 2.707 min
Delta R.T.: -0.006 min
Response: 341541219
Conc: 116.50 ng/ml m



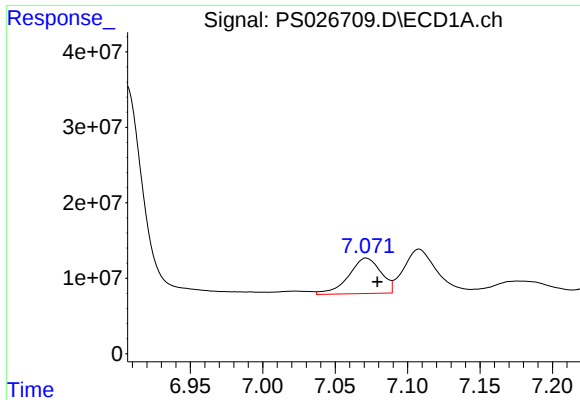
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.436 min
Delta R.T.: -0.007 min
Response: 277758418
Conc: 80.76 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.727 min
Delta R.T.: -0.002 min
Response: 208919806
Conc: 85.40 ng/ml



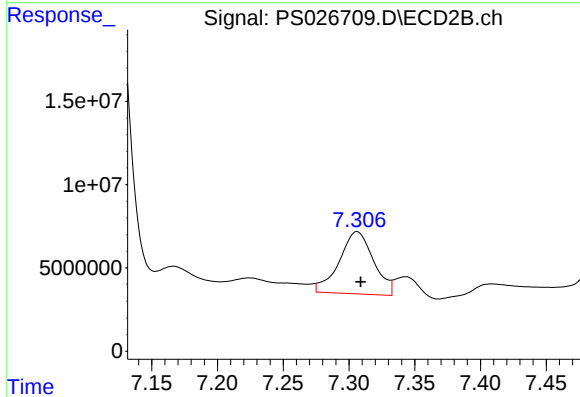
#3 4-Nitrophenol

R.T.: 7.071 min
Delta R.T.: -0.008 min
Response: 73238880
Conc: 45.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
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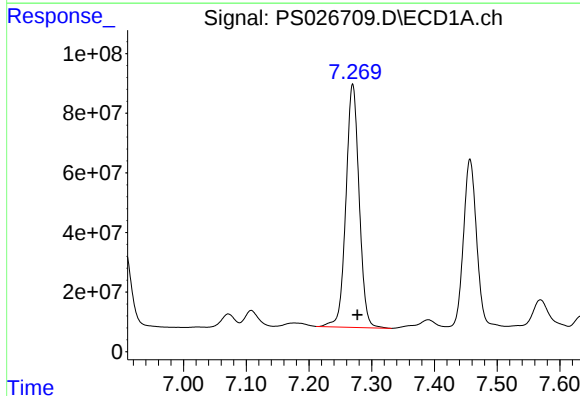
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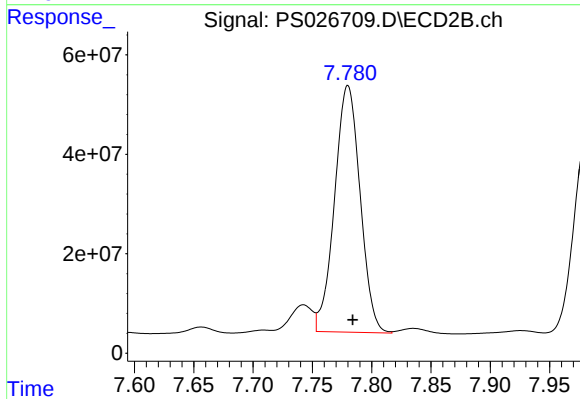
#3 4-Nitrophenol

R.T.: 7.306 min
Delta R.T.: -0.003 min
Response: 68534104
Conc: 60.26 ng/ml m



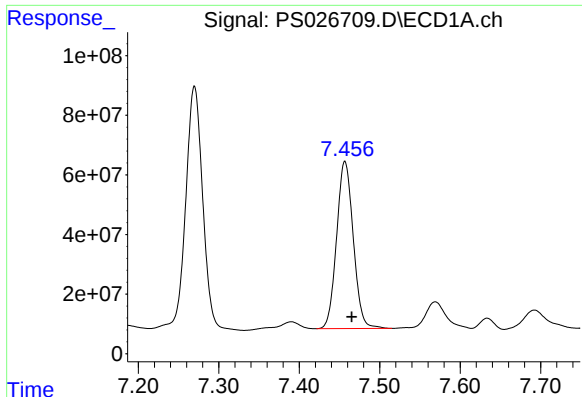
#4 2,4-DCAA

R.T.: 7.270 min
Delta R.T.: -0.008 min
Response: 1194075189
Conc: 480.15 ng/ml



#4 2,4-DCAA

R.T.: 7.780 min
Delta R.T.: -0.004 min
Response: 743160404
Conc: 445.70 ng/ml m



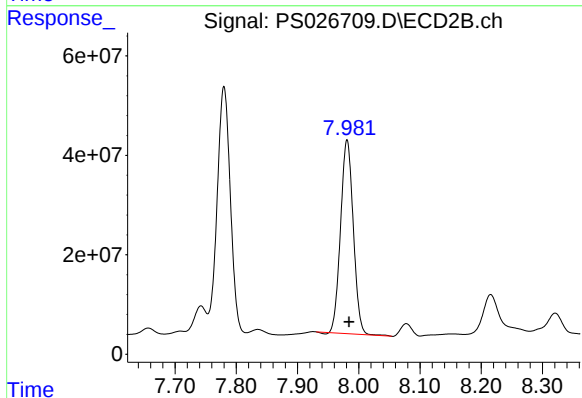
#5 DICAMBA

R.T.: 7.457 min
Delta R.T.: -0.008 min
Response: 807108897
Conc: 78.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
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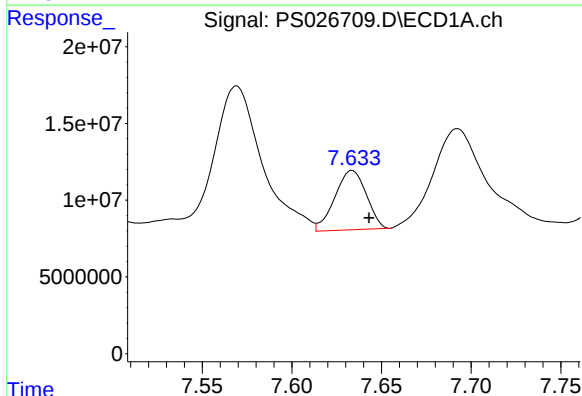
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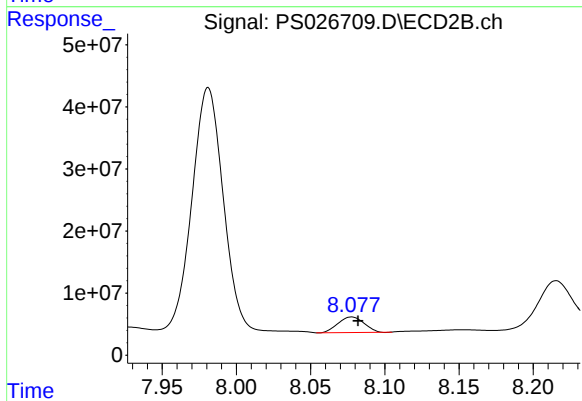
#5 DICAMBA

R.T.: 7.981 min
Delta R.T.: -0.003 min
Response: 562515399
Conc: 75.97 ng/ml



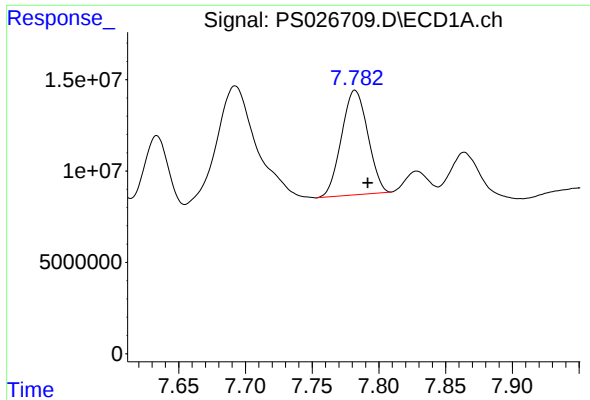
#6 MCPP

R.T.: 7.633 min
Delta R.T.: -0.010 min
Response: 47033413
Conc: 6.33 ug/ml m



#6 MCPP

R.T.: 8.078 min
Delta R.T.: -0.004 min
Response: 30450186
Conc: 5.92 ug/ml



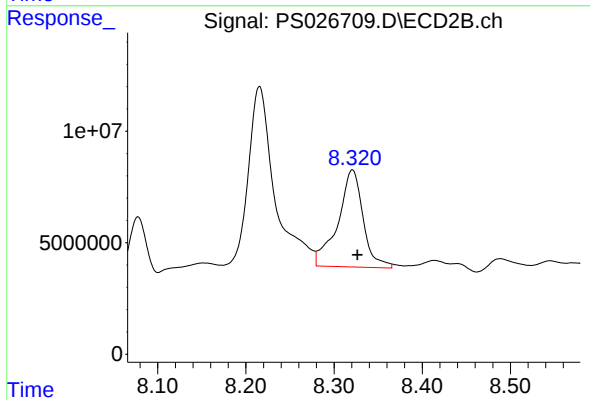
#7 MCPA

R.T.: 7.782 min
Delta R.T.: -0.010 min
Response: 78448152
Conc: 7.09 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT2-2024

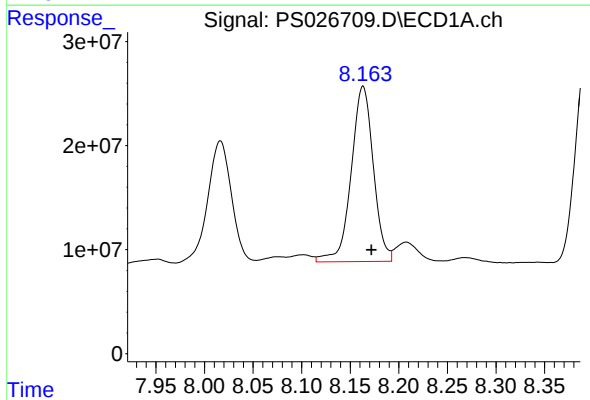
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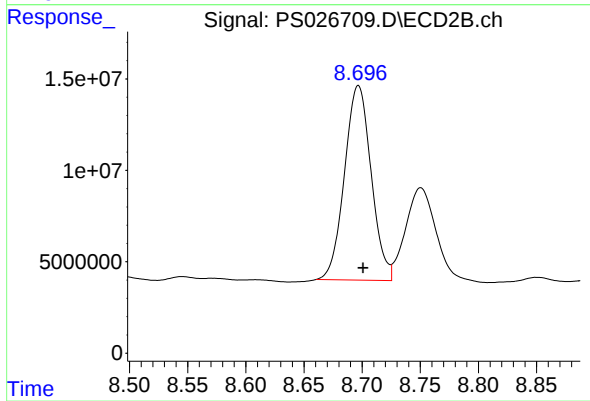
#7 MCPA

R.T.: 8.320 min
Delta R.T.: -0.006 min
Response: 86451709
Conc: 11.56 ug/ml m



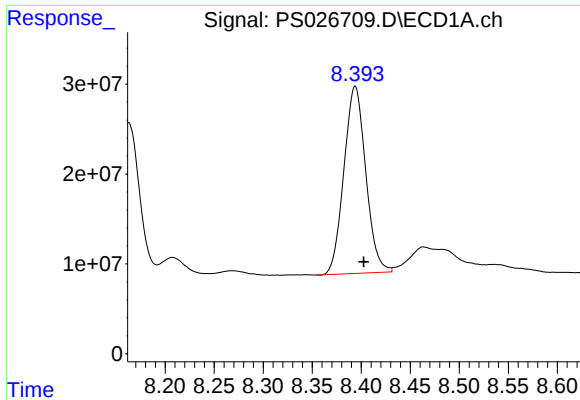
#8 DICHLORPROP

R.T.: 8.163 min
Delta R.T.: -0.009 min
Response: 267714799
Conc: 89.34 ng/ml



#8 DICHLORPROP

R.T.: 8.697 min
Delta R.T.: -0.004 min
Response: 170065638
Conc: 88.63 ng/ml



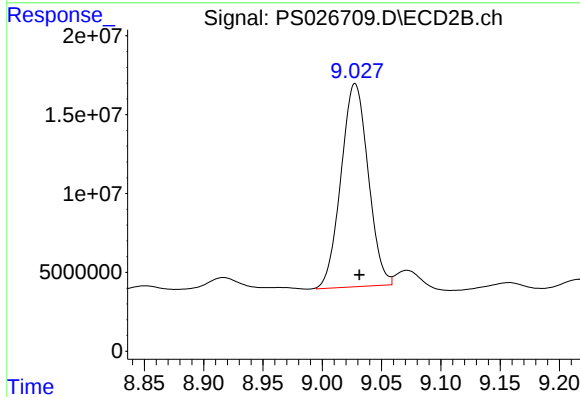
#9 2,4-D

R.T.: 8.394 min
Delta R.T.: -0.009 min
Response: 322839562
Conc: 98.07 ng/ml

Instrument :
ECD_S
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MDL-SOIL-03-QT2-2024

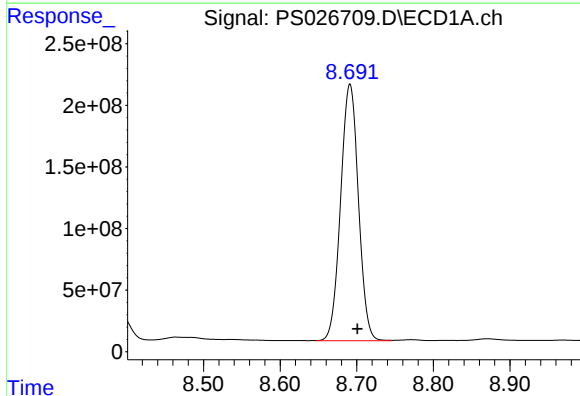
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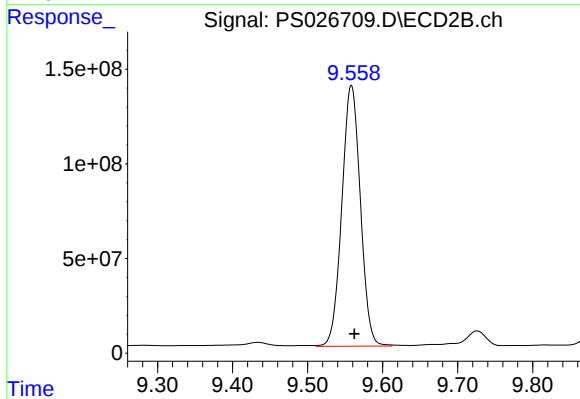
#9 2,4-D

R.T.: 9.027 min
Delta R.T.: -0.004 min
Response: 205684773
Conc: 99.83 ng/ml m



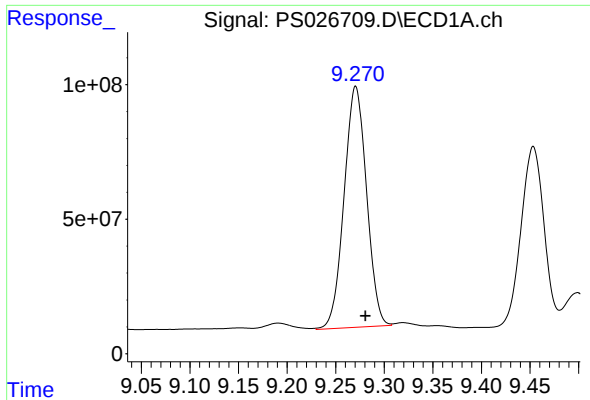
#10 Pentachlorophenol

R.T.: 8.691 min
Delta R.T.: -0.010 min
Response: 3376174458
Conc: 82.45 ng/ml m



#10 Pentachlorophenol

R.T.: 9.558 min
Delta R.T.: -0.005 min
Response: 2364875607
Conc: 86.53 ng/ml m



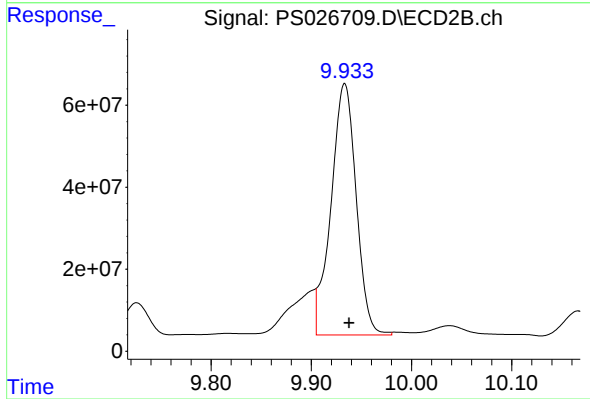
#11 2,4,5-TP (SILVEX)

R.T.: 9.270 min
Delta R.T.: -0.010 min
Response: 1443076961
Conc: 86.70 ng/ml

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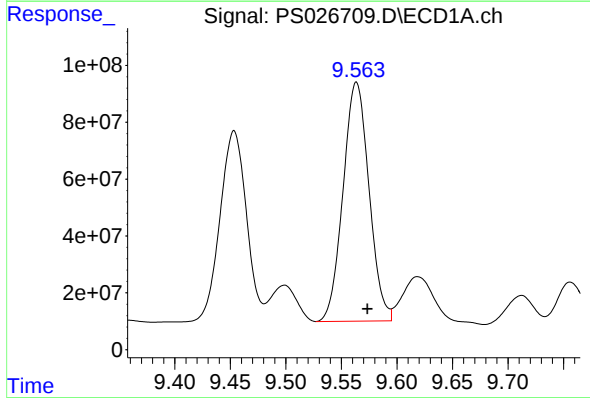
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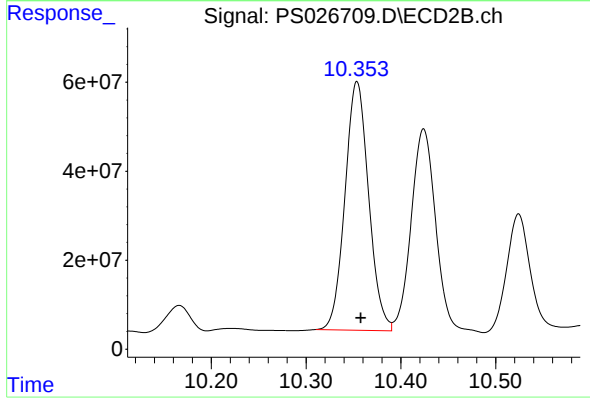
#11 2,4,5-TP (SILVEX)

R.T.: 9.933 min
Delta R.T.: -0.005 min
Response: 1069223704
Conc: 96.89 ng/ml m



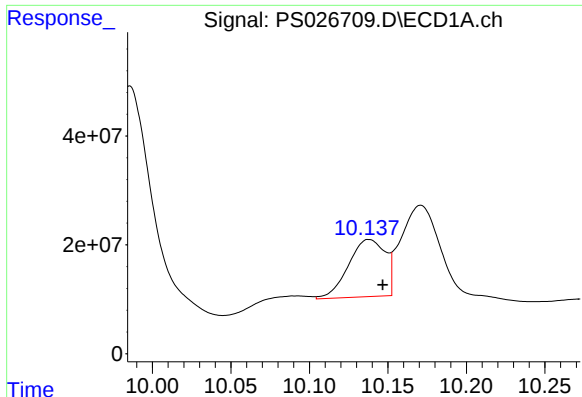
#12 2,4,5-T

R.T.: 9.564 min
Delta R.T.: -0.010 min
Response: 1367498886
Conc: 80.24 ng/ml



#12 2,4,5-T

R.T.: 10.354 min
Delta R.T.: -0.004 min
Response: 969965328
Conc: 89.54 ng/ml



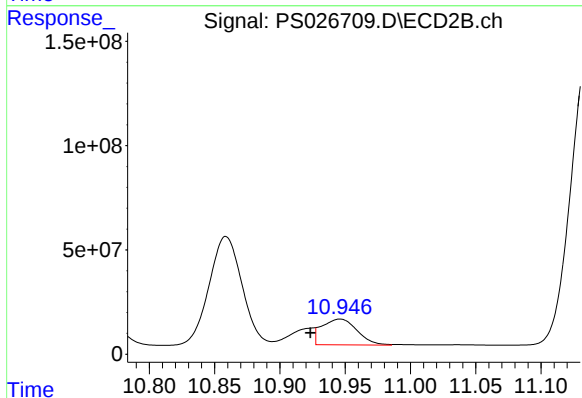
#13 2,4-DB

R.T.: 10.137 min
Delta R.T.: -0.010 min
Response: 170494985
Conc: 71.91 ng/ml

Instrument :
ECD_S
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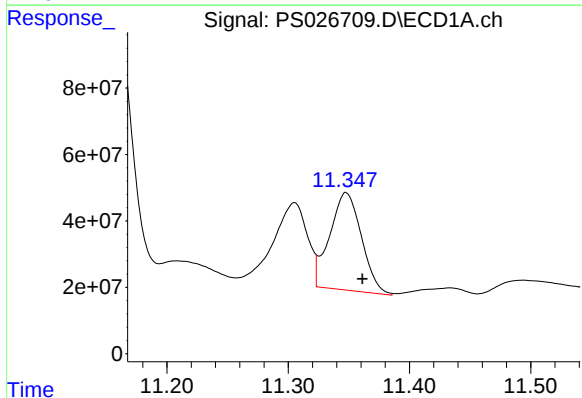
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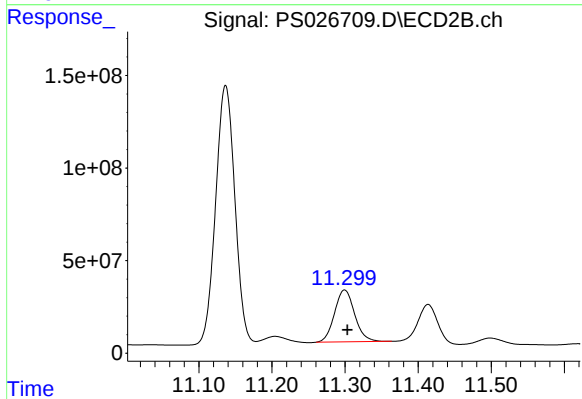
#13 2,4-DB

R.T.: 10.946 min
Delta R.T.: 0.022 min
Response: 228887885
Conc: 168.38 ng/ml m



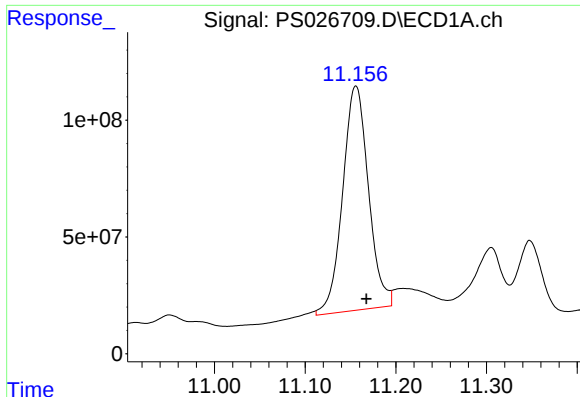
#14 DINOSEB

R.T.: 11.347 min
Delta R.T.: -0.014 min
Response: 533144180
Conc: 51.92 ng/ml m



#14 DINOSEB

R.T.: 11.299 min
Delta R.T.: -0.004 min
Response: 535912166
Conc: 78.02 ng/ml



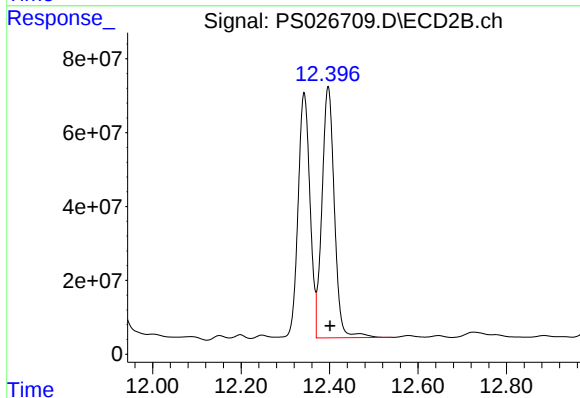
#15 Picloram

R.T.: 11.156 min
Delta R.T.: -0.012 min
Response: 1902435351
Conc: 85.17 ng/ml

Instrument :
ECD_S
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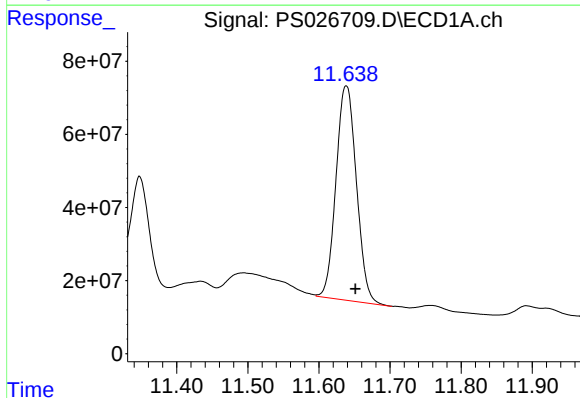
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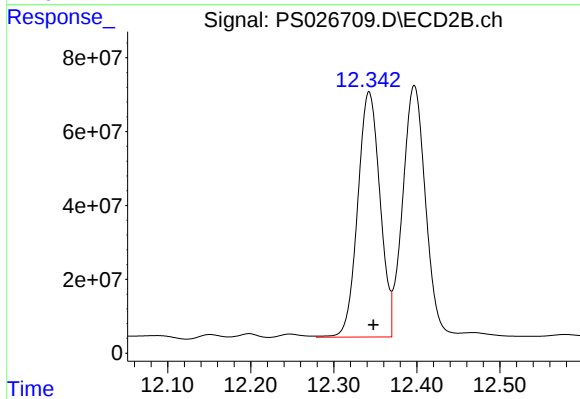
#15 Picloram

R.T.: 12.397 min
Delta R.T.: -0.004 min
Response: 1325126425
Conc: 82.69 ng/ml



#16 DCPA

R.T.: 11.638 min
Delta R.T.: -0.014 min
Response: 1172326569
Conc: 62.27 ng/ml m



#16 DCPA

R.T.: 12.343 min
Delta R.T.: -0.005 min
Response: 1237944609
Conc: 93.63 ng/ml