

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
 Data File : PD055764.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 15:52
 Operator : SG\AJ
 Sample : K5609-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PT-PEST-SOIL

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 05:35:55 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 06:48:28 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.295	3.961	14880539	23888318	17.455	19.835
28)	SA Decachlor...	7.975	9.002	18812737	24986263	19.885	17.955
Target Compounds							
2)	A alpha-BHC	3.724	4.347	971.1E6	1312.1E6	764.587	744.493m
3)	MA gamma-BHC...	3.999	4.631	198.1E6	281.7E6	165.343	164.109
4)	MA Heptachlor	4.286	5.139	862.3E6	1259.4E6	809.407	726.826
5)	MB Aldrin	4.526	5.442	876.9E6	1261.0E6	801.308	753.392
6)	B beta-BHC	4.249	4.800	280.0E6	424.8E6	555.438	534.399
8)	B Heptachlo...	4.963	5.827	1134.3E6	1619.5E6	1102.407	1002.877
9)	A Endosulfan I	5.294	6.182	617.8E6	935.4E6	633.756	595.563
10)	B gamma-Chl...	5.184	6.060	246.5E6	381.9E6	230.979m	221.533
11)	B alpha-Chl...	5.242	6.132	197.8E6	306.3E6	187.454	178.284
12)	B 4,4'-DDE	5.410	6.290	1087.6E6	1658.9E6	1104.931m	1037.157
13)	MA Dieldrin	5.535	6.438	1146.7E6	1697.0E6	1081.109	1004.333
14)	MA Endrin	5.788	6.655	854.4E6	1255.8E6	890.918	870.630
15)	B Endosulfa...	6.060	6.863	684.1E6	1028.0E6	705.869m	661.890
16)	A 4,4'-DDD	5.923	6.777	602.6E6	956.8E6	749.579	700.203
17)	MA 4,4'-DDT	6.158	7.075	220.7E6	414.3E6	308.390	310.441
18)	B Endrin al...	6.230	6.987	561.2E6	854.2E6	671.524	637.027
19)	B Endosulfa...	6.440	7.209	223.2E6	365.0E6	249.129	250.885
20)	A Methoxychlor	6.706	7.532	79663920	146.1E6	203.309	182.599
21)	B Endrin ke...	6.924	7.679	1023.2E6	1494.7E6	977.842m	901.091

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
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 Acq On : 31 Oct 2019 15:52
 Operator : SG\AJ
 Sample : K5609-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

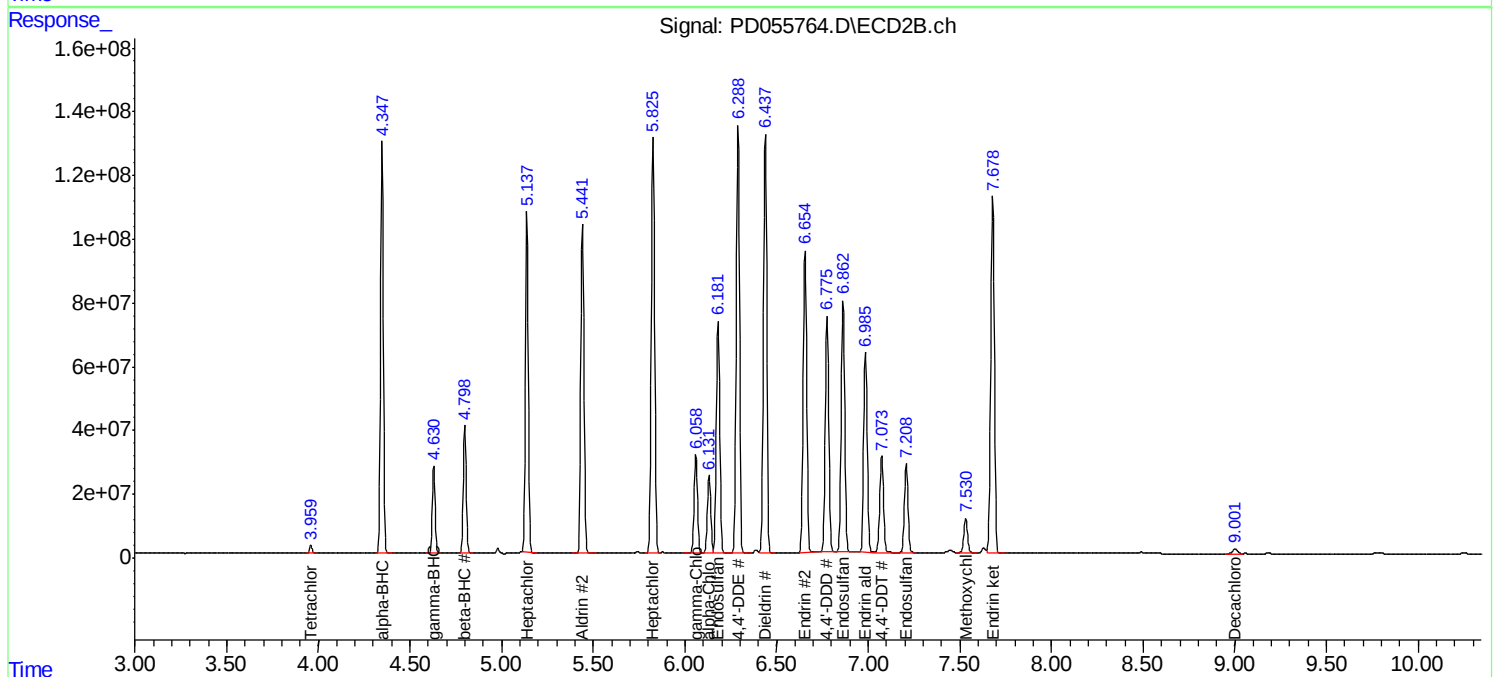
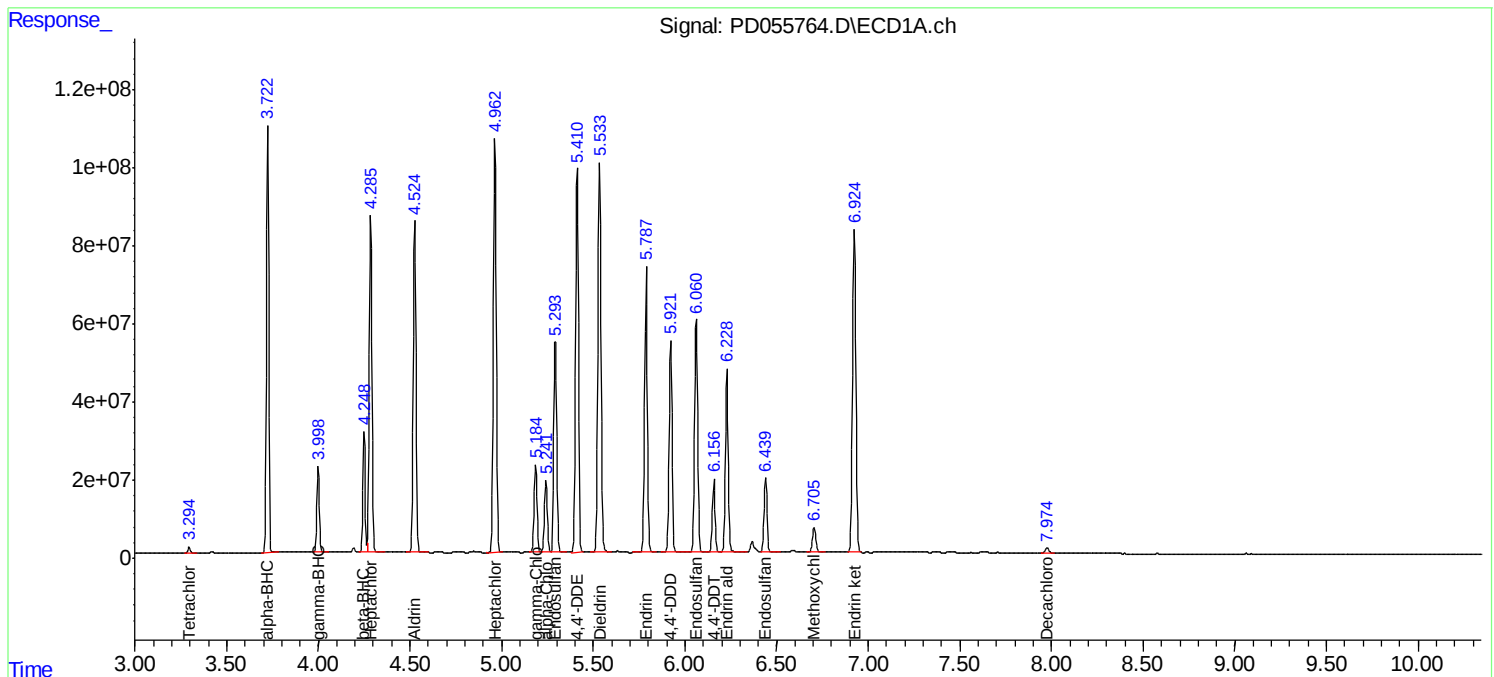
Instrument :
 ECD_D
 ClientSampleId :
 PT-PEST-SOIL

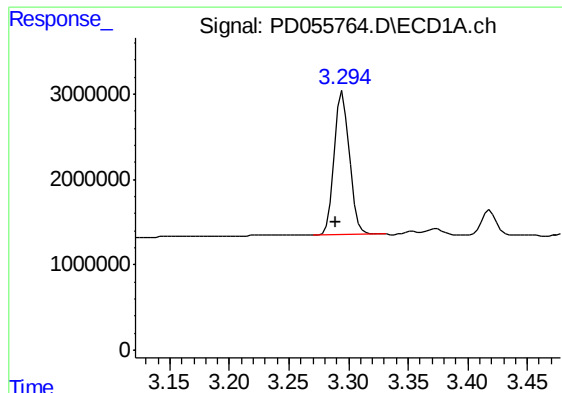
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 05:35:55 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
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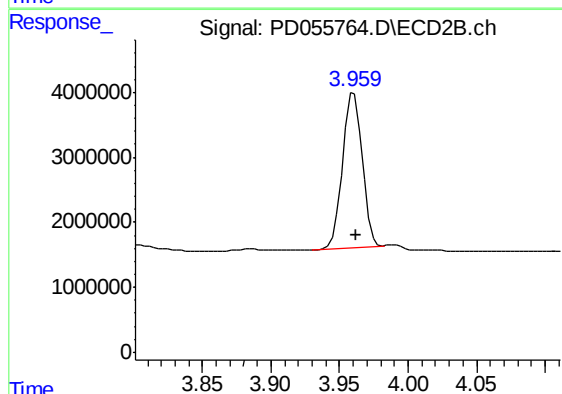
#1 Tetrachloro-m-xylene

R.T.: 3.295 min
Delta R.T.: 0.006 min
Response: 14880539
Conc: 17.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL

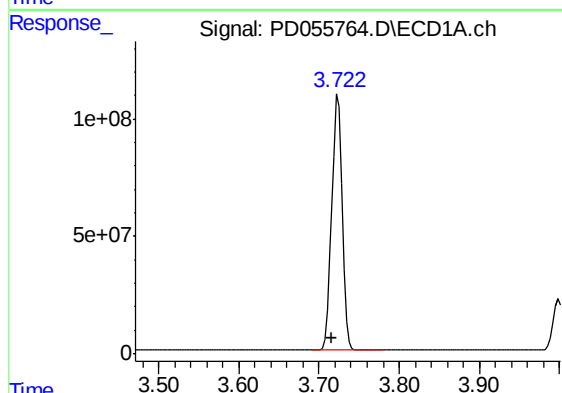
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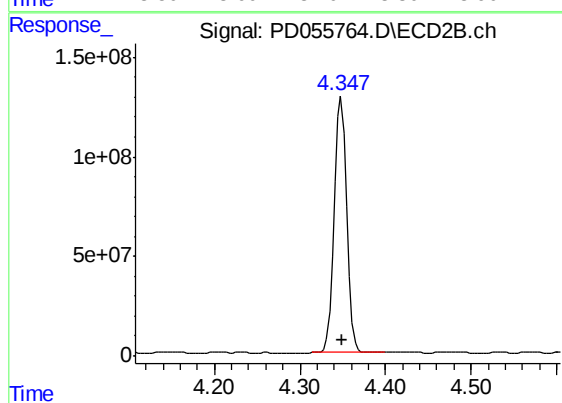
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 23888318
Conc: 19.84 ng/ml



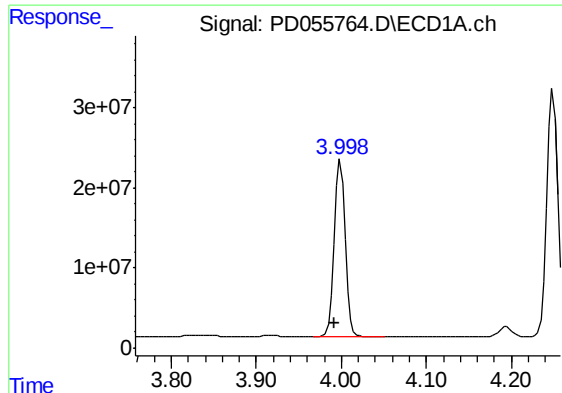
#2 alpha-BHC

R.T.: 3.724 min
Delta R.T.: 0.007 min
Response: 971103475
Conc: 764.59 ng/ml



#2 alpha-BHC

R.T.: 4.347 min
Delta R.T.: -0.002 min
Response: 1312128798
Conc: 744.49 ng/ml m



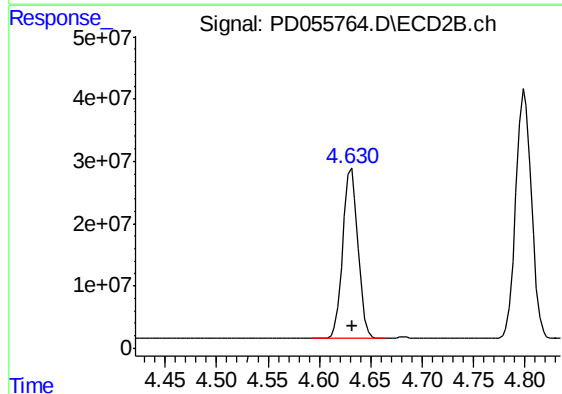
#3 gamma-BHC (Lindane)

R.T.: 3.999 min
Delta R.T.: 0.008 min
Response: 198065513
Conc: 165.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL

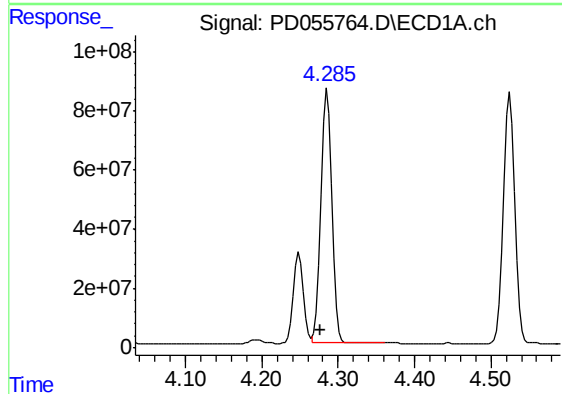
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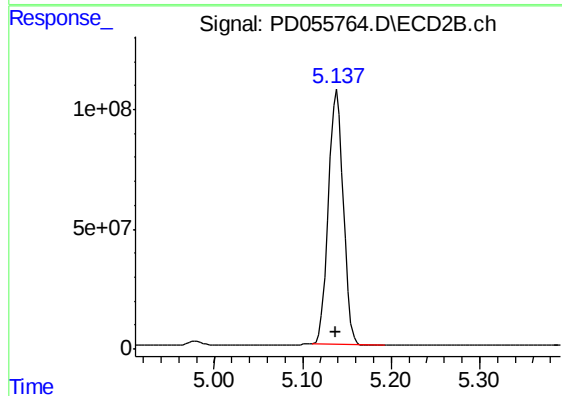
#3 gamma-BHC (Lindane)

R.T.: 4.631 min
Delta R.T.: 0.000 min
Response: 281706665
Conc: 164.11 ng/ml



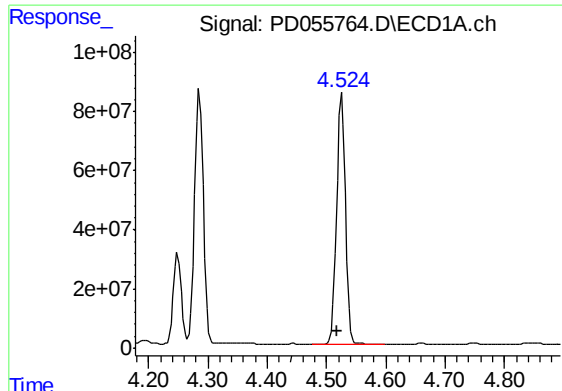
#4 Heptachlor

R.T.: 4.286 min
Delta R.T.: 0.009 min
Response: 862296154
Conc: 809.41 ng/ml



#4 Heptachlor

R.T.: 5.139 min
Delta R.T.: 0.000 min
Response: 1259422633
Conc: 726.83 ng/ml



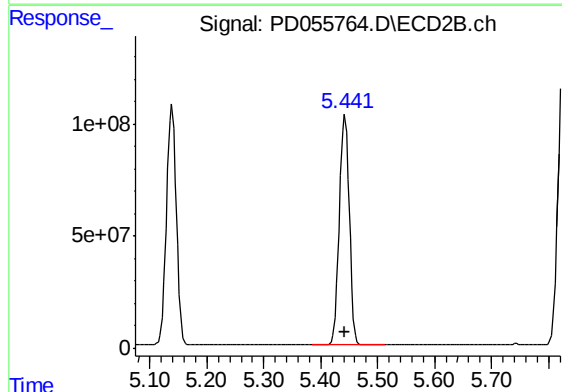
#5 Aldrin

R.T.: 4.526 min
Delta R.T.: 0.009 min
Response: 876869786
Conc: 801.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL

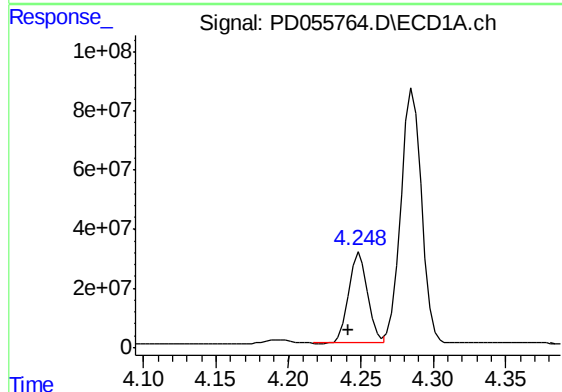
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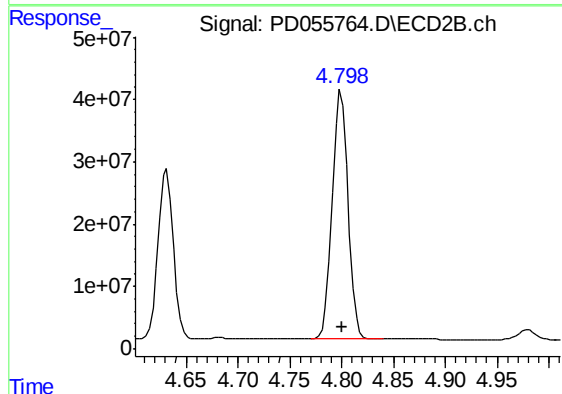
#5 Aldrin

R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 1261048685
Conc: 753.39 ng/ml



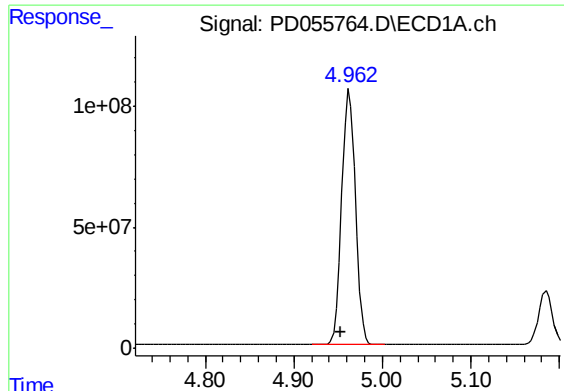
#6 beta-BHC

R.T.: 4.249 min
Delta R.T.: 0.008 min
Response: 279971775
Conc: 555.44 ng/ml



#6 beta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 424763493
Conc: 534.40 ng/ml



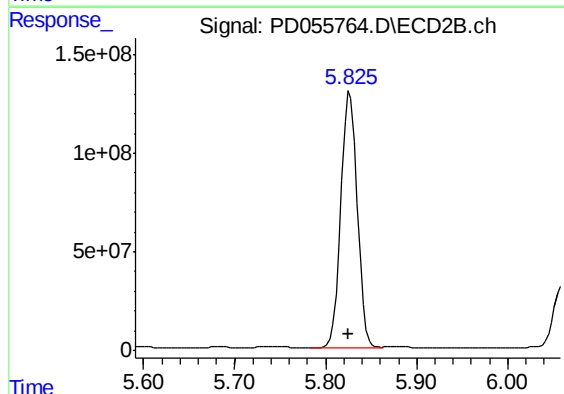
#8 Heptachlor epoxide

R.T.: 4.963 min
Delta R.T.: 0.010 min
Response: 1134333469
Conc: 1102.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL

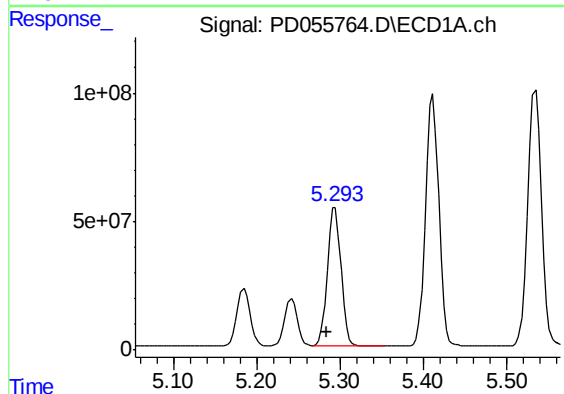
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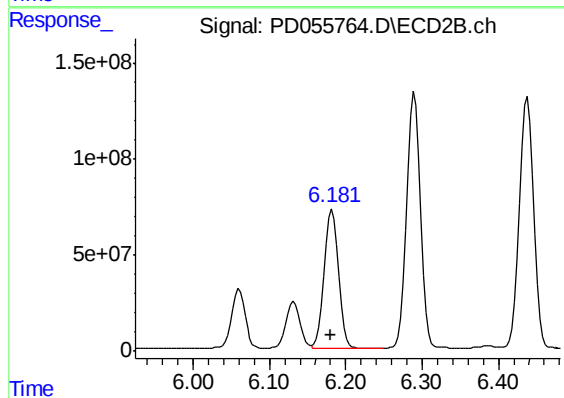
#8 Heptachlor epoxide

R.T.: 5.827 min
Delta R.T.: 0.002 min
Response: 1619529431
Conc: 1002.88 ng/ml



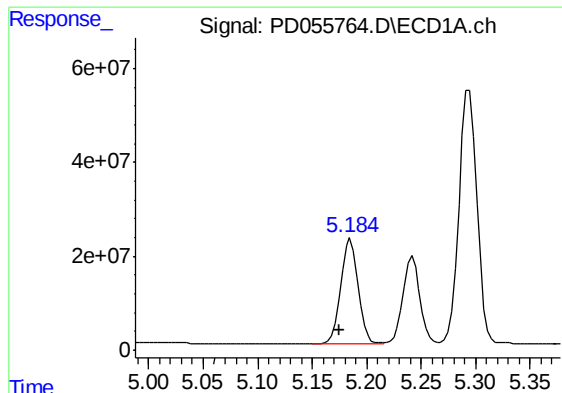
#9 Endosulfan I

R.T.: 5.294 min
Delta R.T.: 0.010 min
Response: 617825063
Conc: 633.76 ng/ml



#9 Endosulfan I

R.T.: 6.182 min
Delta R.T.: 0.002 min
Response: 935383302
Conc: 595.56 ng/ml



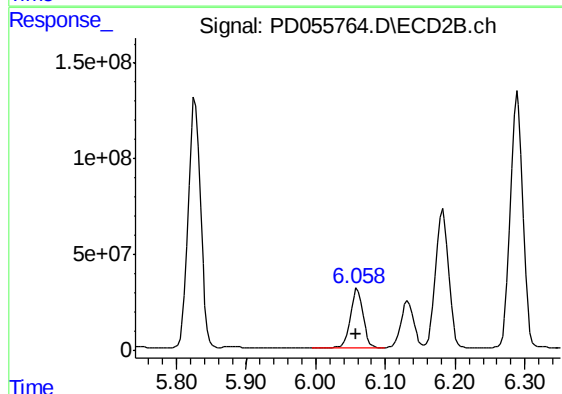
#10 gamma-Chlordane

R.T.: 5.184 min
Delta R.T.: 0.008 min
Response: 246478860
Conc: 230.98 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL

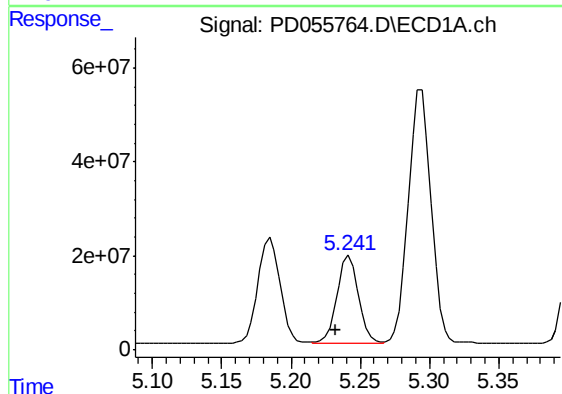
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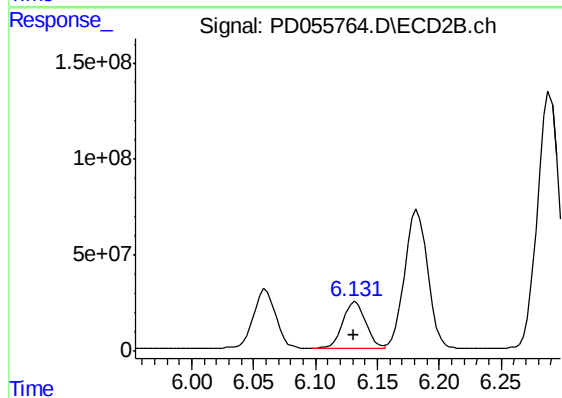
#10 gamma-Chlordane

R.T.: 6.060 min
Delta R.T.: 0.002 min
Response: 381930810
Conc: 221.53 ng/ml



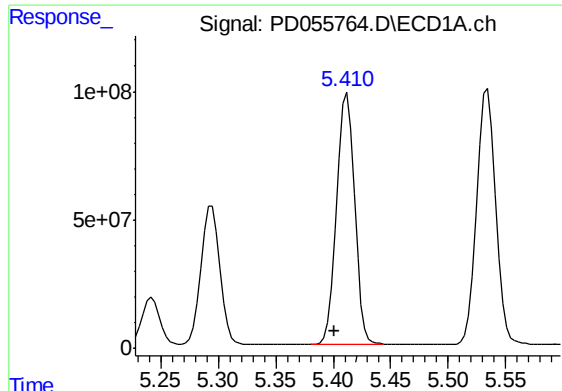
#11 alpha-Chlordane

R.T.: 5.242 min
Delta R.T.: 0.010 min
Response: 197840366
Conc: 187.45 ng/ml



#11 alpha-Chlordane

R.T.: 6.132 min
Delta R.T.: 0.002 min
Response: 306281506
Conc: 178.28 ng/ml



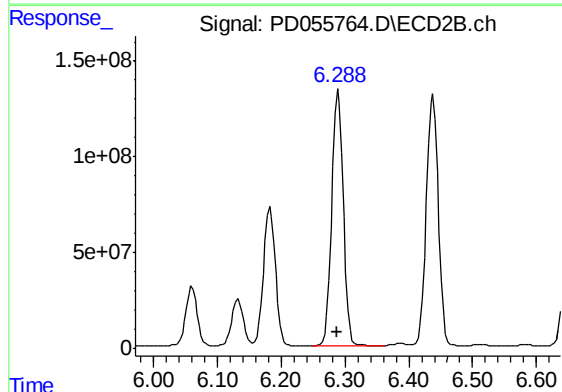
#12 4,4'-DDE

R.T.: 5.410 min
Delta R.T.: 0.009 min
Response: 1087584715
Conc: 1104.93 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL

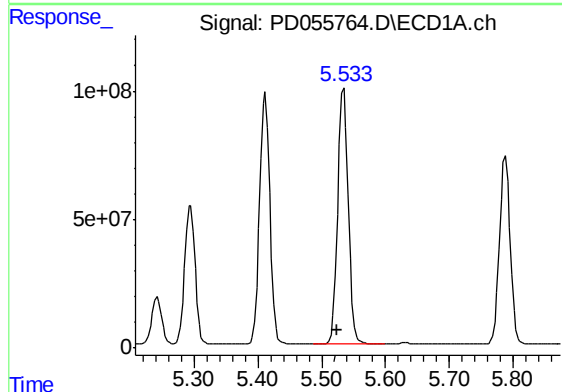
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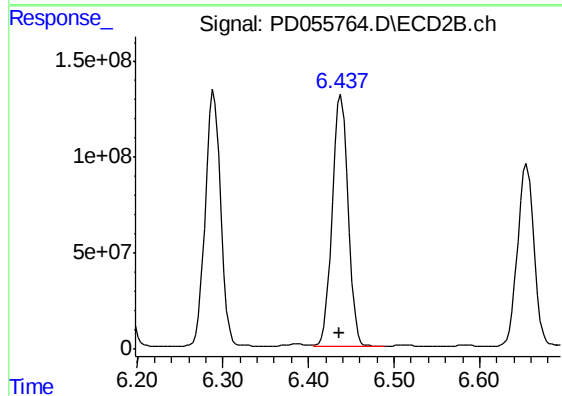
#12 4,4'-DDE

R.T.: 6.290 min
Delta R.T.: 0.002 min
Response: 1658895903
Conc: 1037.16 ng/ml



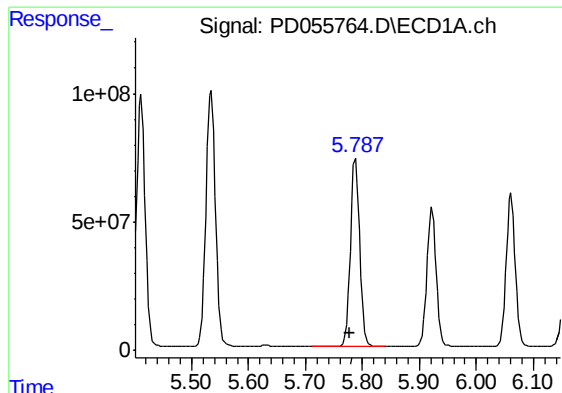
#13 Dieldrin

R.T.: 5.535 min
Delta R.T.: 0.010 min
Response: 1146737347
Conc: 1081.11 ng/ml



#13 Dieldrin

R.T.: 6.438 min
Delta R.T.: 0.002 min
Response: 1696997009
Conc: 1004.33 ng/ml



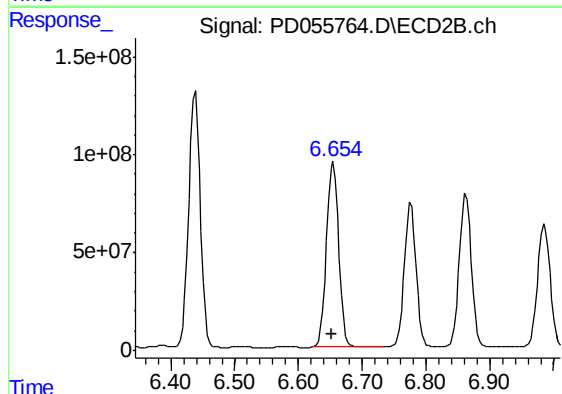
#14 Endrin

R.T.: 5.788 min
Delta R.T.: 0.011 min
Response: 854407741
Conc: 890.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL

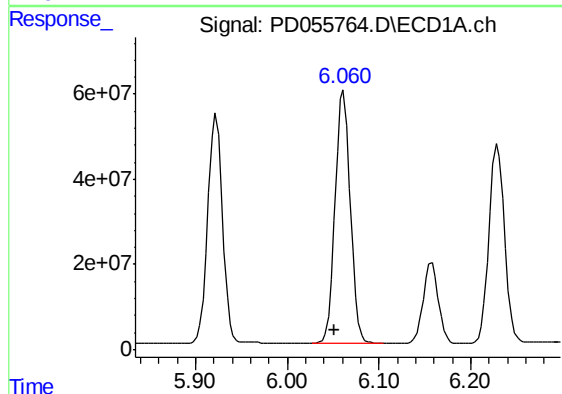
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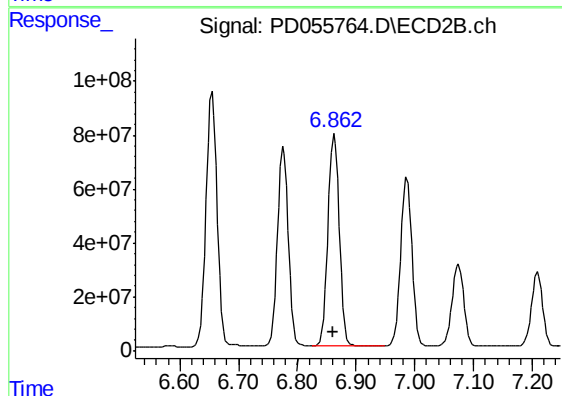
#14 Endrin

R.T.: 6.655 min
Delta R.T.: 0.002 min
Response: 1255781994
Conc: 870.63 ng/ml



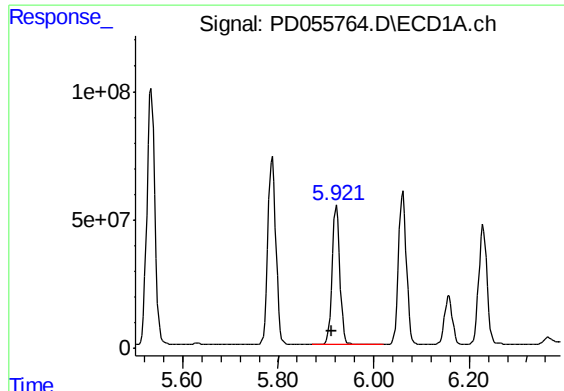
#15 Endosulfan II

R.T.: 6.060 min
Delta R.T.: 0.009 min
Response: 684146898
Conc: 705.87 ng/ml m



#15 Endosulfan II

R.T.: 6.863 min
Delta R.T.: 0.002 min
Response: 1027972282
Conc: 661.89 ng/ml



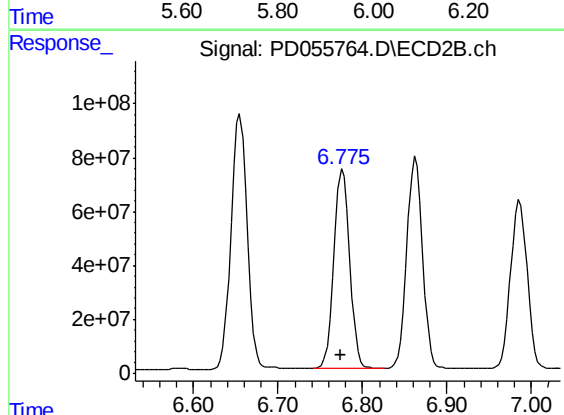
#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.011 min
Response: 602649891
Conc: 749.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL

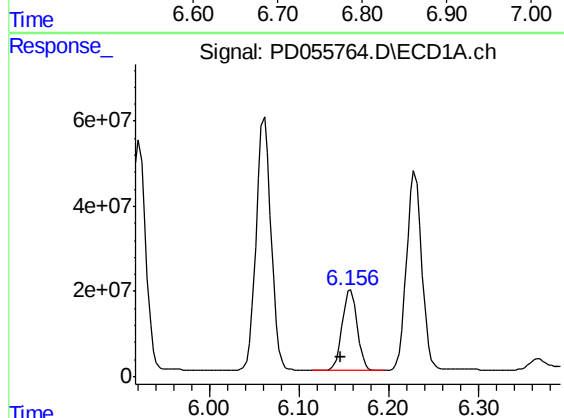
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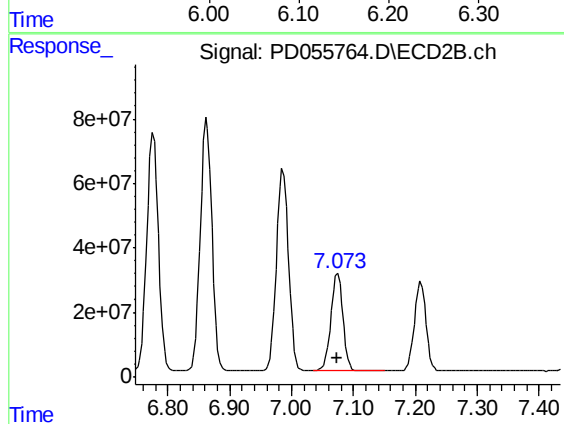
#16 4,4'-DDD

R.T.: 6.777 min
Delta R.T.: 0.002 min
Response: 956826057
Conc: 700.20 ng/ml



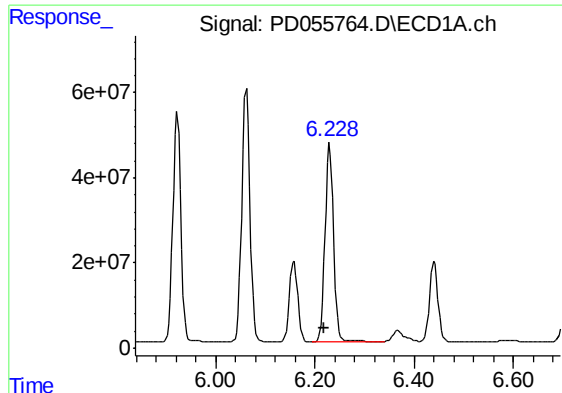
#17 4,4'-DDT

R.T.: 6.158 min
Delta R.T.: 0.011 min
Response: 220692747
Conc: 308.39 ng/ml



#17 4,4'-DDT

R.T.: 7.075 min
Delta R.T.: 0.002 min
Response: 414335749
Conc: 310.44 ng/ml



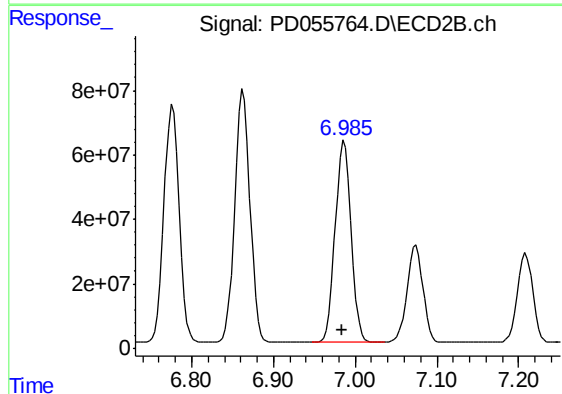
#18 Endrin aldehyde

R.T.: 6.230 min
Delta R.T.: 0.010 min
Response: 561166969
Conc: 671.52 ng/ml

Instrument :
ECD_D
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PT-PEST-SOIL

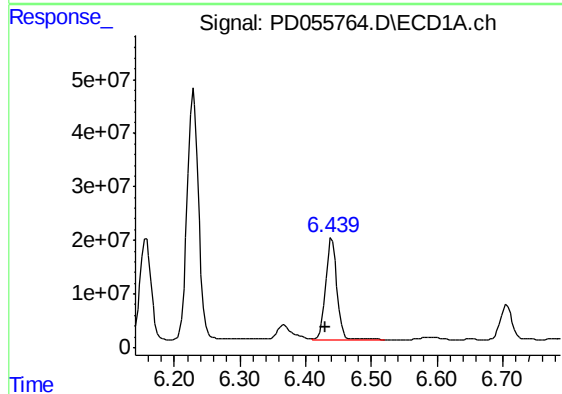
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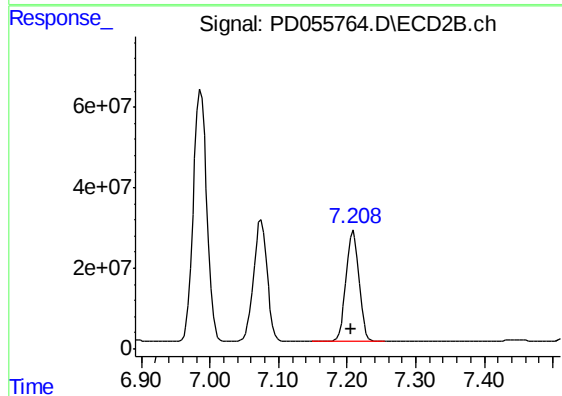
#18 Endrin aldehyde

R.T.: 6.987 min
Delta R.T.: 0.002 min
Response: 854222911
Conc: 637.03 ng/ml



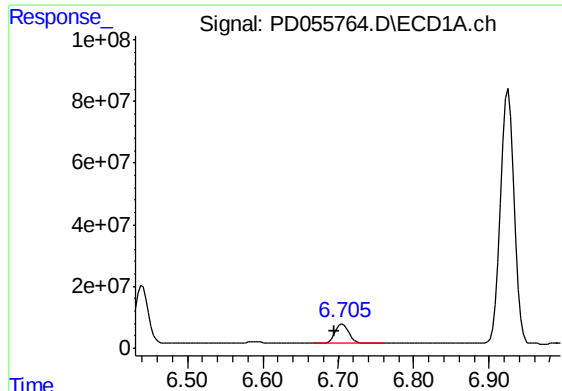
#19 Endosulfan Sulfate

R.T.: 6.440 min
Delta R.T.: 0.011 min
Response: 223164513
Conc: 249.13 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.209 min
Delta R.T.: 0.003 min
Response: 365012784
Conc: 250.89 ng/ml



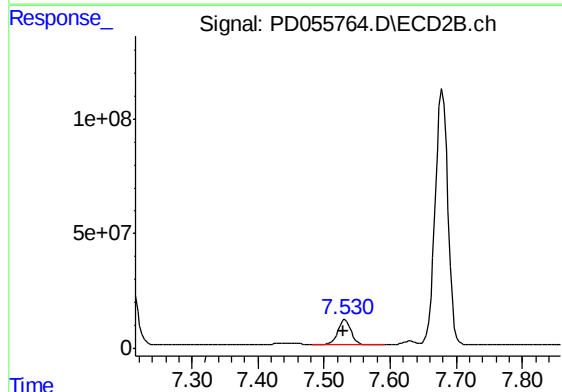
#20 Methoxychlor

R.T.: 6.706 min
Delta R.T.: 0.011 min
Response: 79663920
Conc: 203.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL

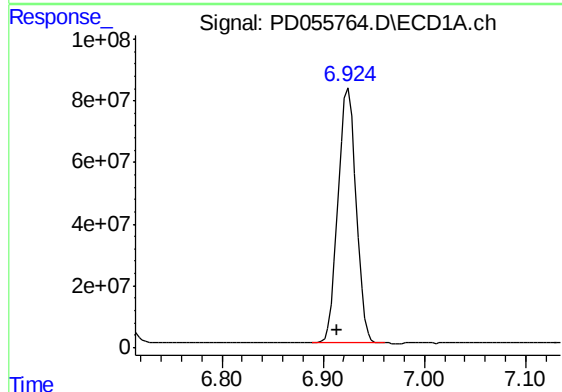
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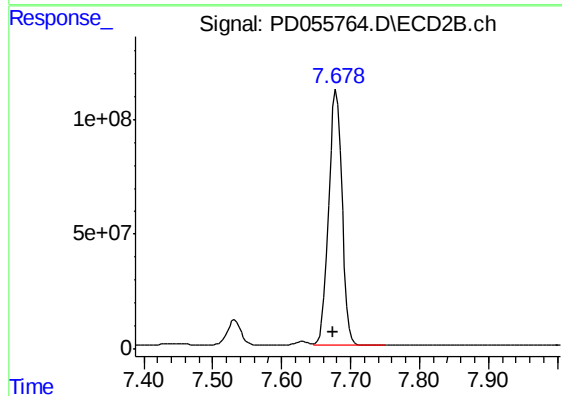
#20 Methoxychlor

R.T.: 7.532 min
Delta R.T.: 0.003 min
Response: 146068459
Conc: 182.60 ng/ml



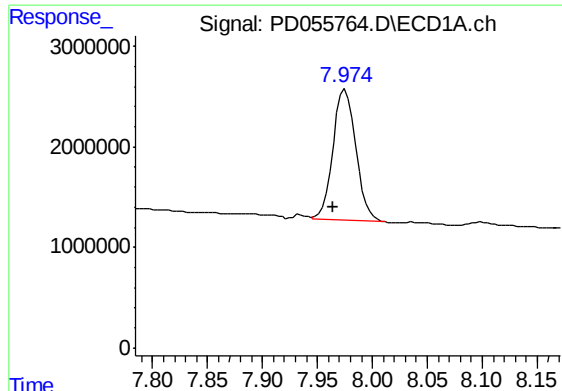
#21 Endrin ketone

R.T.: 6.924 min
Delta R.T.: 0.010 min
Response: 1023179281
Conc: 977.84 ng/ml m



#21 Endrin ketone

R.T.: 7.679 min
Delta R.T.: 0.004 min
Response: 1494743936
Conc: 901.09 ng/ml



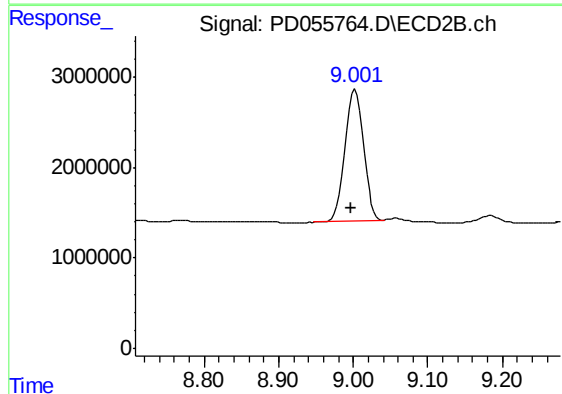
#28 Decachlorobiphenyl

R.T.: 7.975 min
Delta R.T.: 0.011 min
Response: 18812737
Conc: 19.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL

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#28 Decachlorobiphenyl

R.T.: 9.002 min
Delta R.T.: 0.005 min
Response: 24986263
Conc: 17.96 ng/ml