

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120525\
 Data File : PD091472.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2025 15:22
 Operator : AR\AJ
 Sample : Q3530-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 05 16:33:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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							
1)	SA Tetrachlo...	3.546	2.870	70293561	882.3E6	20.383	24.088
2)	SA Decachlor...	9.067	8.057	109.2E6	915.0E6	21.917	23.121
Target Compounds							
2)	A alpha-BHC	3.995	3.382	18642518	210.4E6	2.332	3.328 #
3)	MA gamma-BHC...	4.327	3.718	18739208	195.6E6	2.508	3.383 #
4)	MA Heptachlor	4.924	4.070	20190555	189.8E6	2.819	3.438
5)	MB Aldrin	5.265	4.355	19053025	196.2E6	2.626	3.475 #
6)	B beta-BHC	4.515	4.015	8850763	85460277	3.046	3.557
7)	B delta-BHC	4.763	4.250	21465963	194.2E6	2.888	3.320
8)	B Heptachlo...	5.685	4.858	18166823	180.7E6	2.796	3.546m#
9)	A Endosulfan I	6.069	5.232	17430366	165.1E6	2.837	3.450m
10)	B gamma-Chl...	5.940	5.110	17770800	184.8E6	2.734m	3.382m
11)	B alpha-Chl...	6.020	5.175	18933856	177.6E6	2.751m	3.393m
12)	B 4,4'-DDE	6.191	5.362	14834253	184.6E6	2.558	3.454 #
13)	MA Dieldrin	6.342	5.499	17178546	183.1E6	2.657	3.372 #
14)	MA Endrin	6.569	5.776	13234255	162.6E6	2.666	3.598 #
15)	B Endosulfa...	6.782	6.068	16498354	157.2E6	2.968	3.367
16)	A 4,4'-DDD	6.702	5.916	12644495	160.6E6	2.574	3.286 #
17)	MA 4,4'-DDT	7.016	6.170	10140811	119.0E6	2.452m	3.042
18)	B Endrin al...	6.910	6.246	12027123	118.1E6	2.887m	3.348
19)	B Endosulfa...	7.146	6.469	14349765	150.7E6	2.789	3.362
20)	A Methoxychlor	7.491	6.741	5861566	62667519	2.696	3.125
21)	B Endrin ke...	7.626	6.979	15598526	161.8E6	2.769m	3.175
22)	Mirex	8.108	7.171	11165711	109.7E6	3.139	3.309

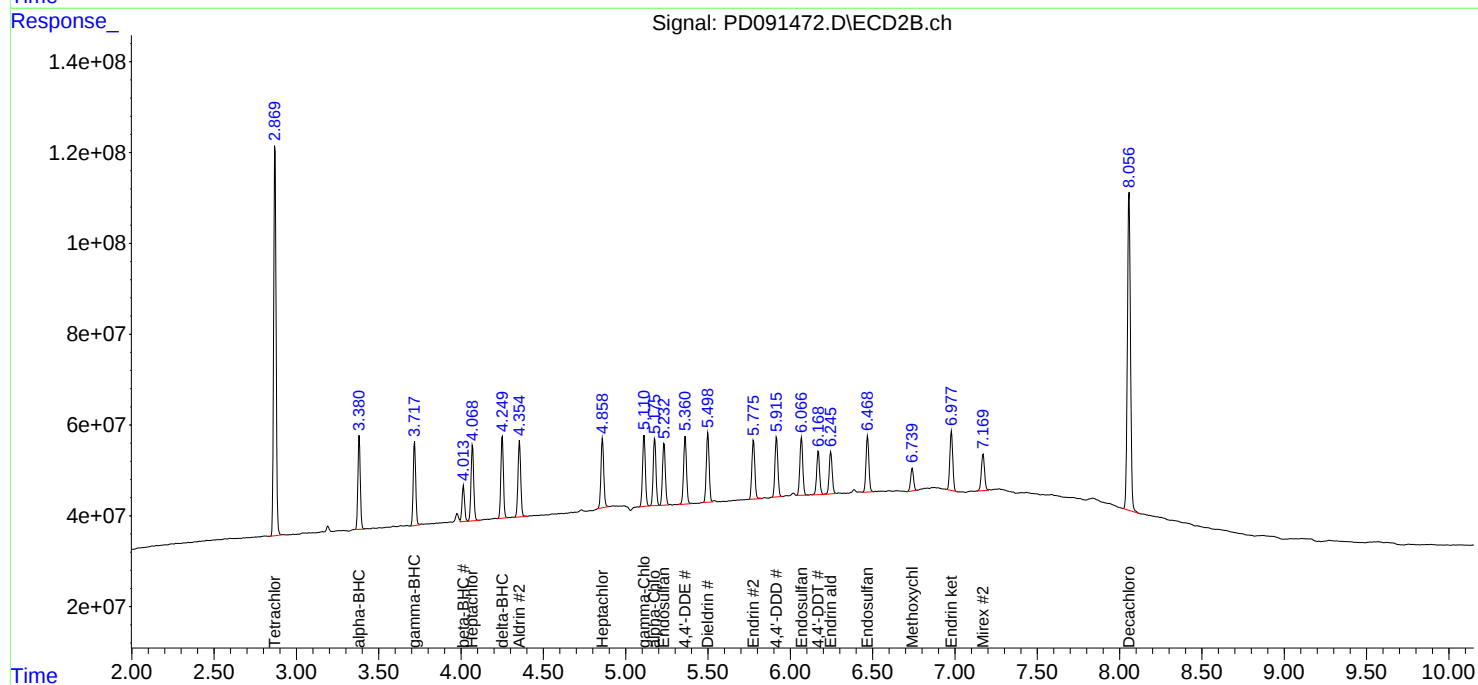
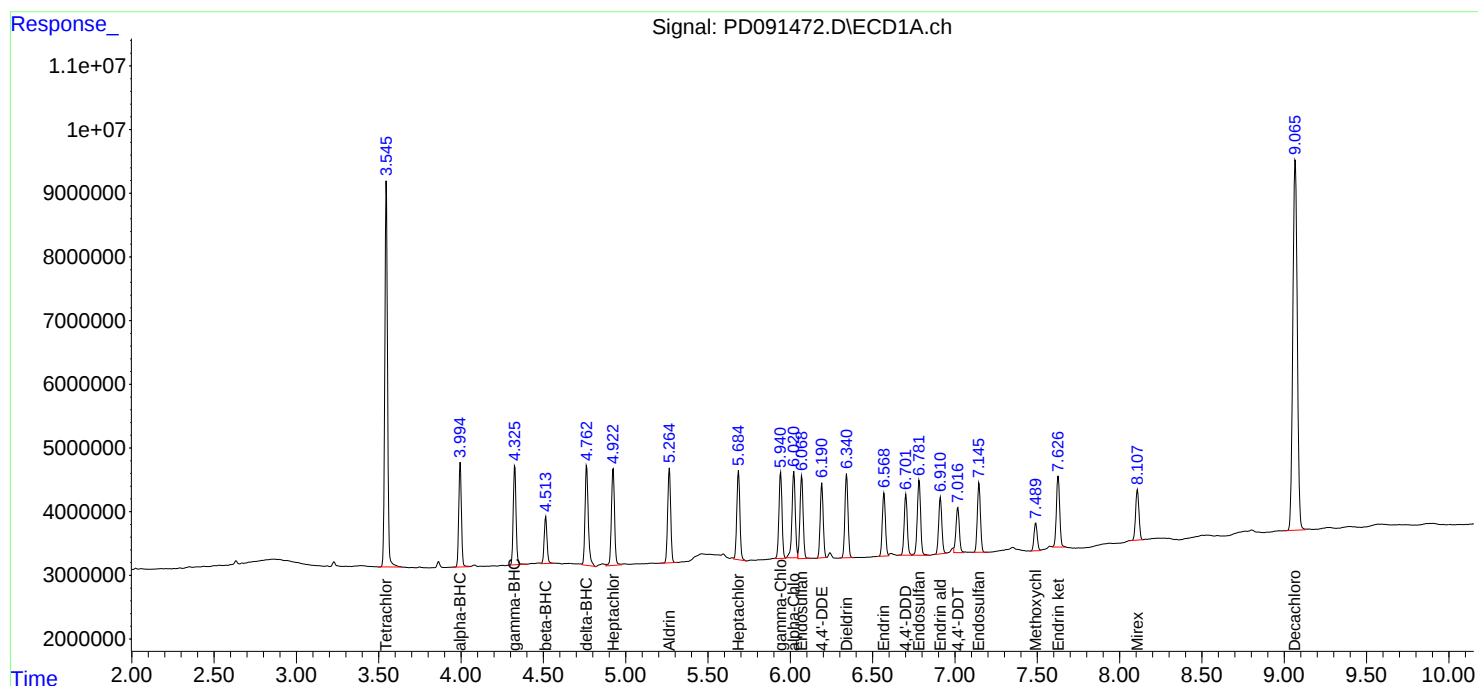
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

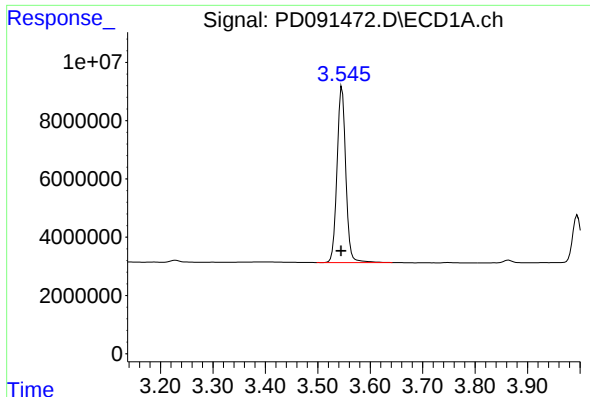
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120525\
Data File : PD091472.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Dec 2025 15:22
Operator : AR\AJ
Sample : Q3530-01
Misc : PEST LOD 2.5PPB
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 05 16:33:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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

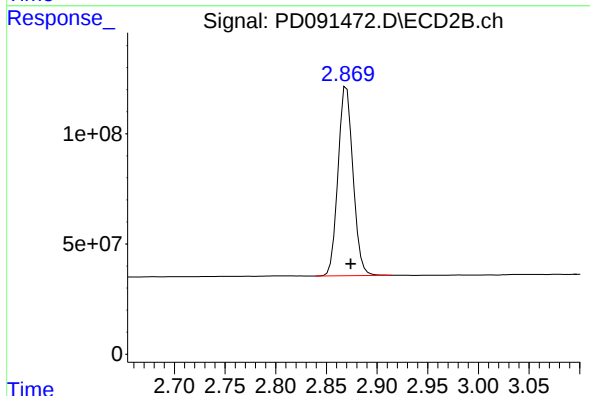




#1 Tetrachloro-m-xylene

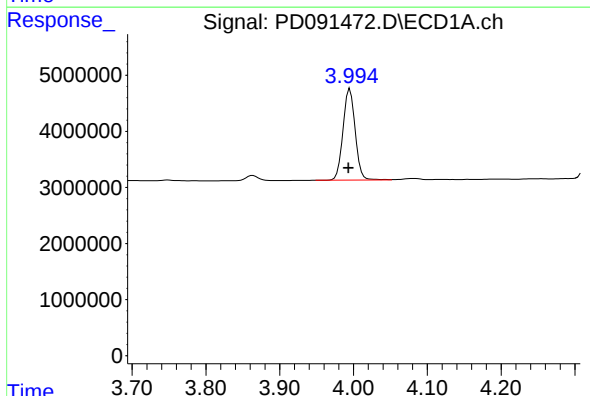
R.T.: 3.546 min
Delta R.T.: 0.002 min
Response: 70293561
Conc: 20.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



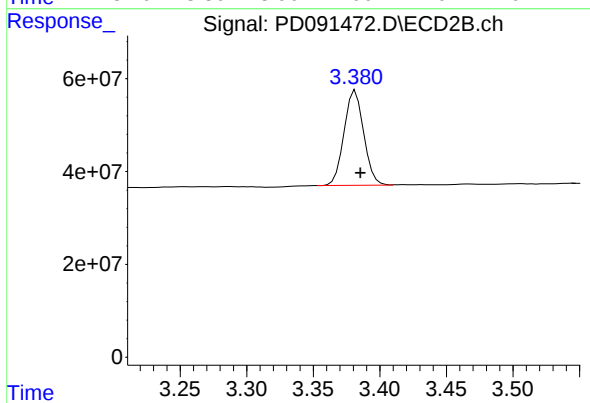
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: -0.004 min
Response: 882333052
Conc: 24.09 ng/ml



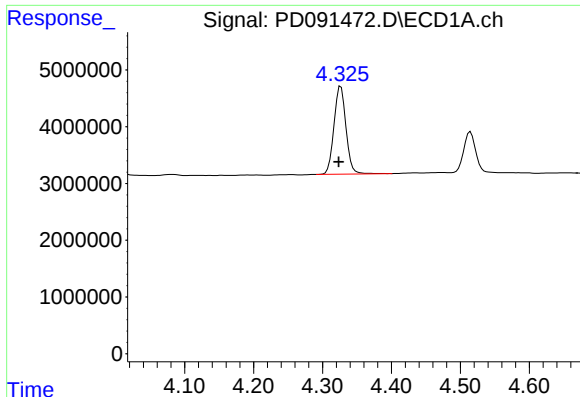
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.002 min
Response: 18642518
Conc: 2.33 ng/ml



#2 alpha-BHC

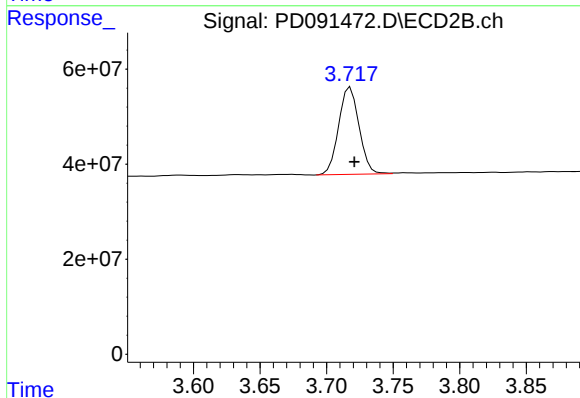
R.T.: 3.382 min
Delta R.T.: -0.004 min
Response: 210357489
Conc: 3.33 ng/ml



#3 gamma-BHC (Lindane)

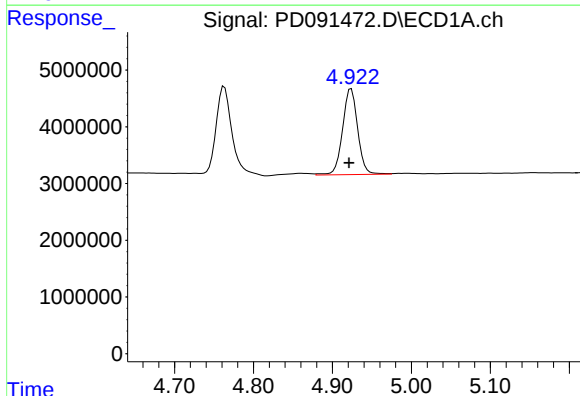
R.T.: 4.327 min
Delta R.T.: 0.003 min
Response: 18739208
Conc: 2.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



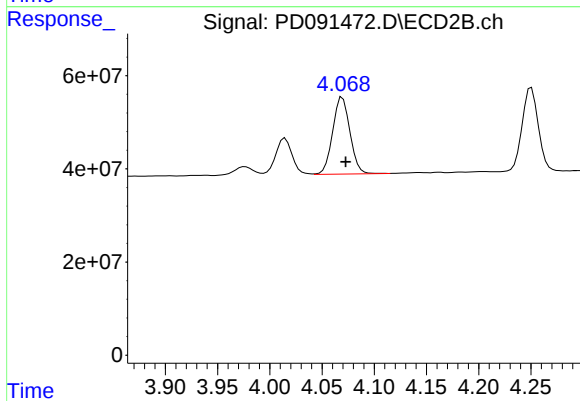
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: -0.003 min
Response: 195627871
Conc: 3.38 ng/ml



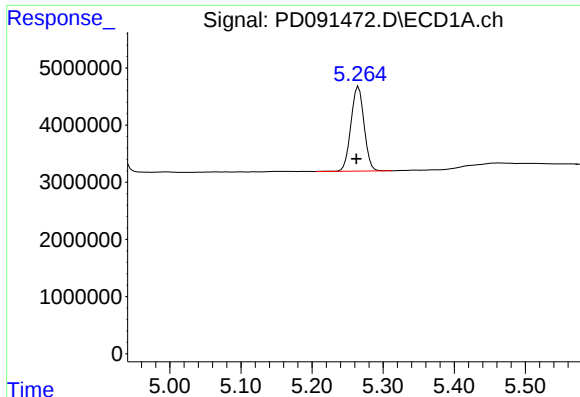
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.003 min
Response: 20190555
Conc: 2.82 ng/ml



#4 Heptachlor

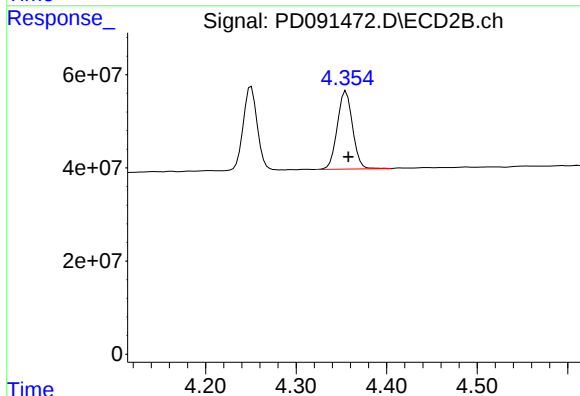
R.T.: 4.070 min
Delta R.T.: -0.003 min
Response: 189796498
Conc: 3.44 ng/ml



#5 Aldrin

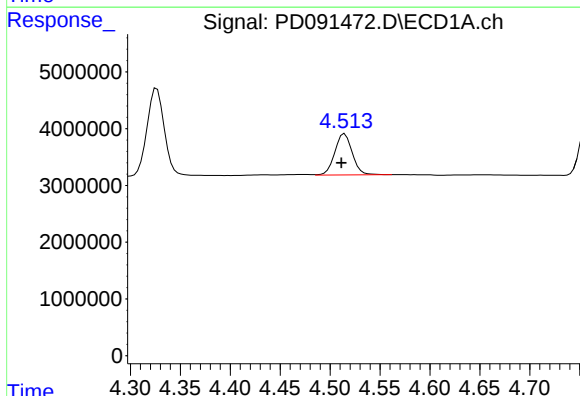
R.T.: 5.265 min
Delta R.T.: 0.003 min
Response: 19053025
Conc: 2.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



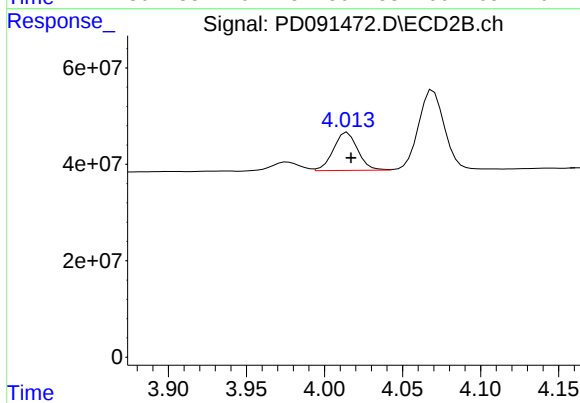
#5 Aldrin

R.T.: 4.355 min
Delta R.T.: -0.003 min
Response: 196219745
Conc: 3.48 ng/ml



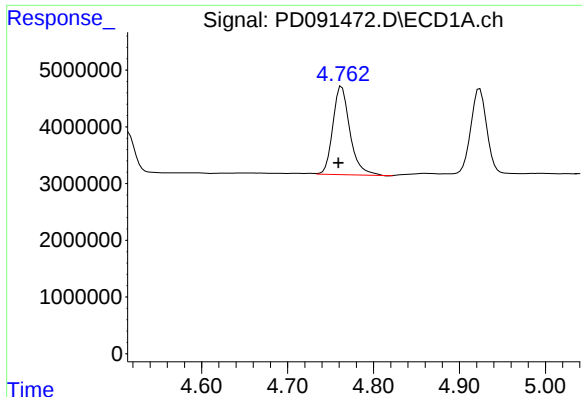
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.004 min
Response: 8850763
Conc: 3.05 ng/ml



#6 beta-BHC

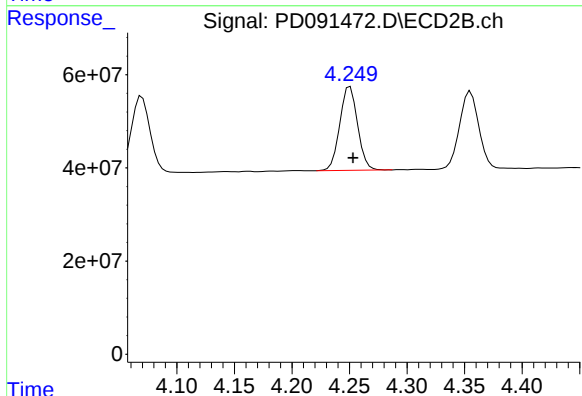
R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 85460277
Conc: 3.56 ng/ml



#7 delta-BHC

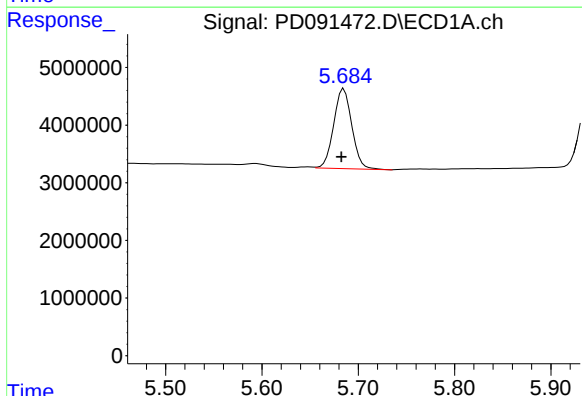
R.T.: 4.763 min
Delta R.T.: 0.004 min
Response: 21465963
Conc: 2.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



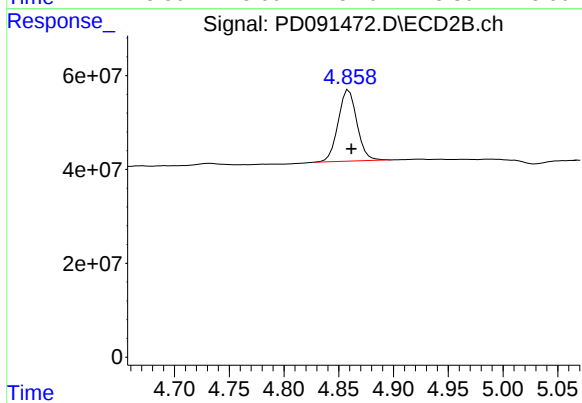
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: -0.003 min
Response: 194165903
Conc: 3.32 ng/ml



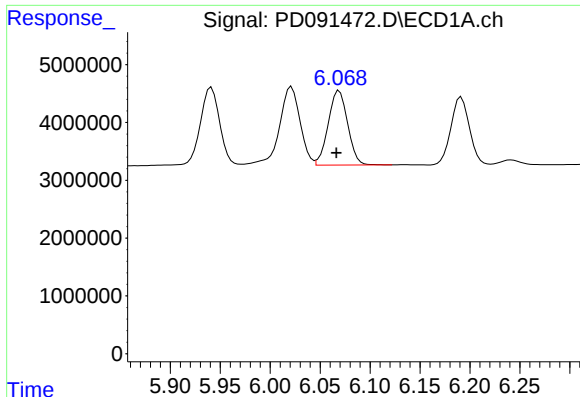
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.002 min
Response: 18166823
Conc: 2.80 ng/ml



#8 Heptachlor epoxide

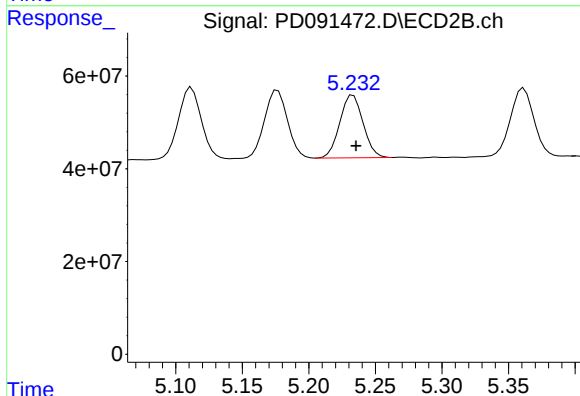
R.T.: 4.858 min
Delta R.T.: -0.004 min
Response: 180695933
Conc: 3.55 ng/ml m



#9 Endosulfan I

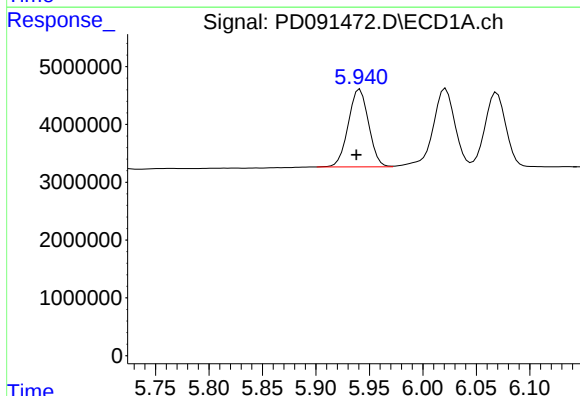
R.T.: 6.069 min
Delta R.T.: 0.003 min
Response: 17430366
Conc: 2.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



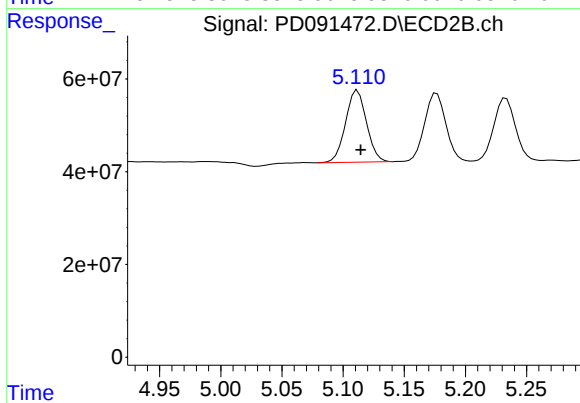
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: -0.004 min
Response: 165080796
Conc: 3.45 ng/ml m



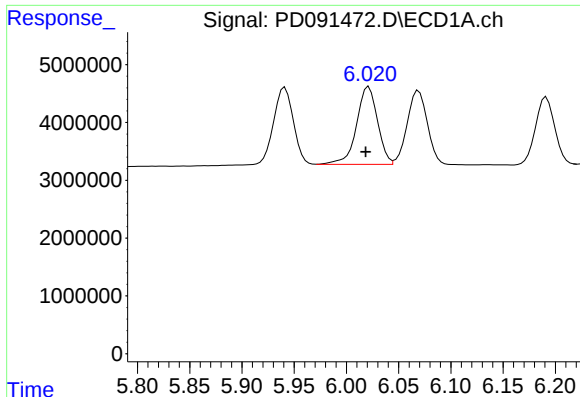
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.002 min
Response: 17770800
Conc: 2.73 ng/ml m



#10 gamma-Chlordane

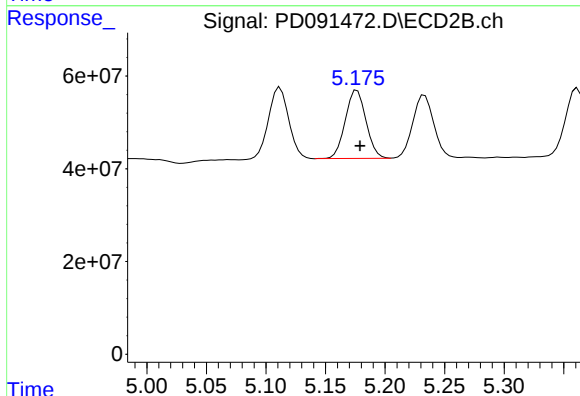
R.T.: 5.110 min
Delta R.T.: -0.004 min
Response: 184772633
Conc: 3.38 ng/ml m



#11 alpha-Chlordane

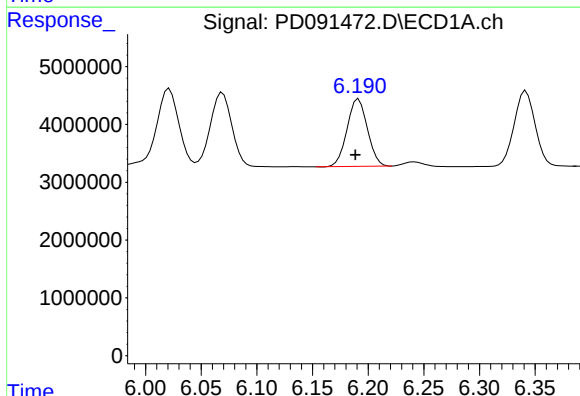
R.T.: 6.020 min
Delta R.T.: 0.001 min
Response: 18933856
Conc: 2.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



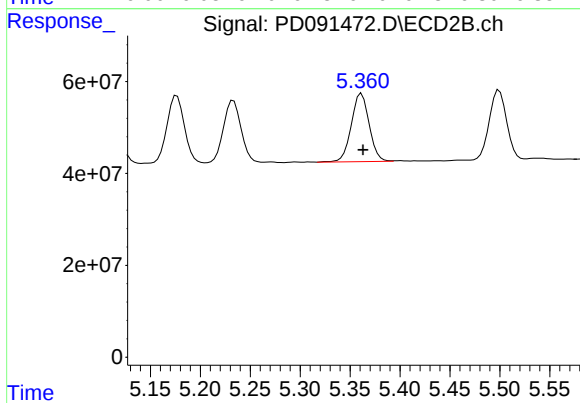
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: -0.004 min
Response: 177556983
Conc: 3.39 ng/ml m



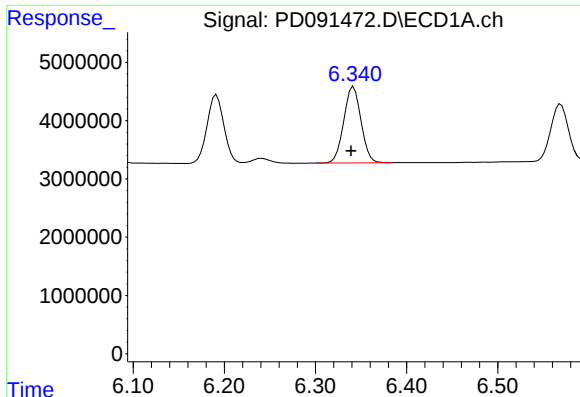
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 14834253
Conc: 2.56 ng/ml



#12 4,4'-DDE

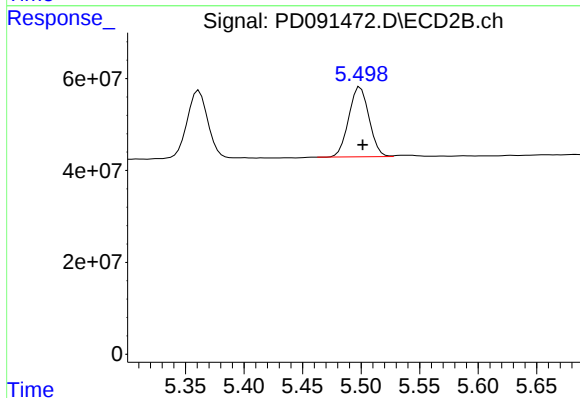
R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 184602317
Conc: 3.45 ng/ml



#13 Dieldrin

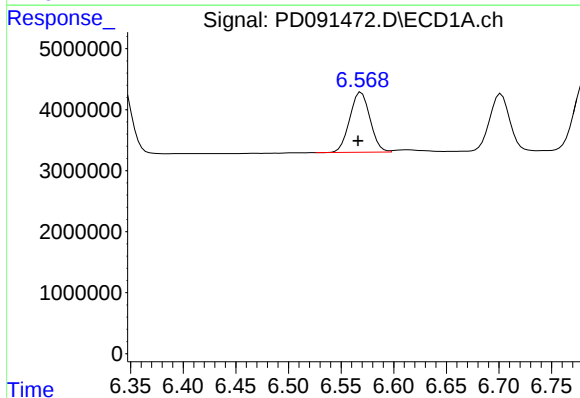
R.T.: 6.342 min
Delta R.T.: 0.003 min
Response: 17178546
Conc: 2.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



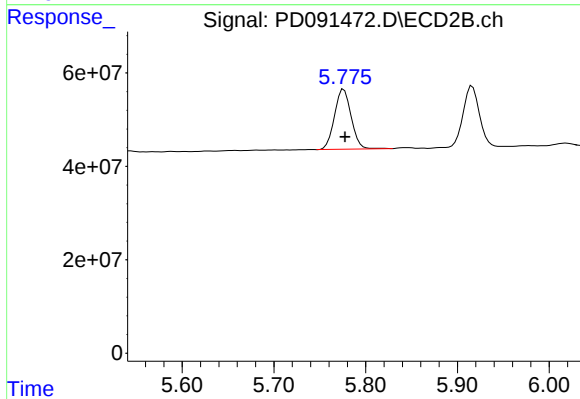
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 183134879
Conc: 3.37 ng/ml



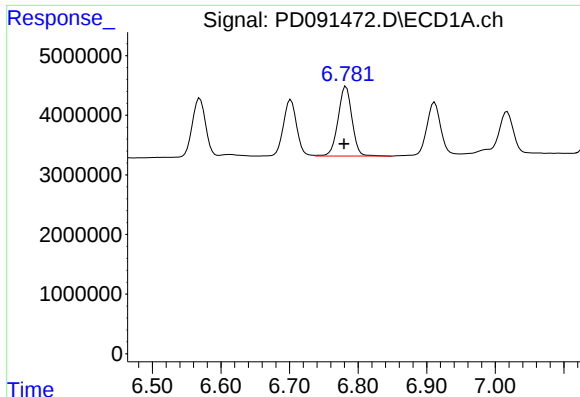
#14 Endrin

R.T.: 6.569 min
Delta R.T.: 0.003 min
Response: 13234255
Conc: 2.67 ng/ml



#14 Endrin

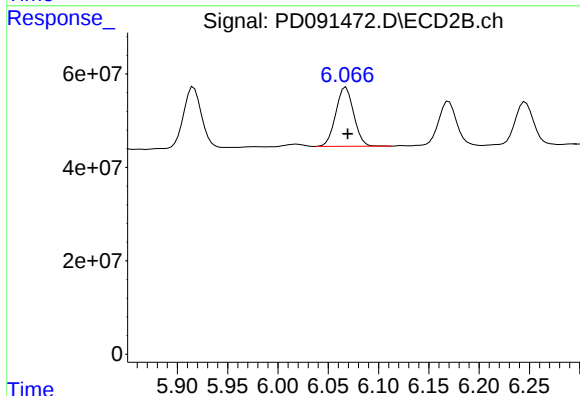
R.T.: 5.776 min
Delta R.T.: -0.001 min
Response: 162602338
Conc: 3.60 ng/ml



#15 Endosulfan II

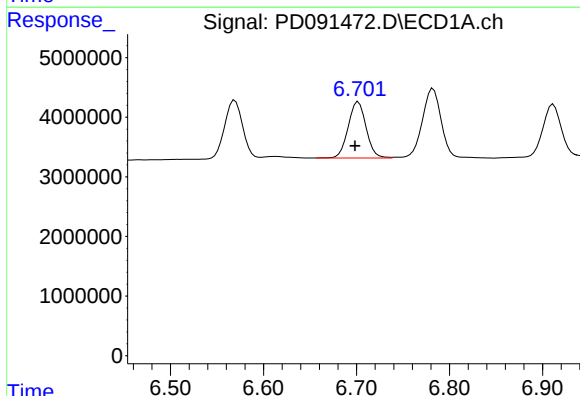
R.T.: 6.782 min
Delta R.T.: 0.003 min
Response: 16498354
Conc: 2.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



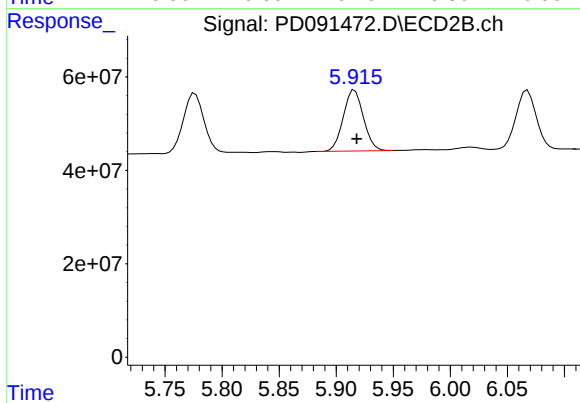
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 157168995
Conc: 3.37 ng/ml



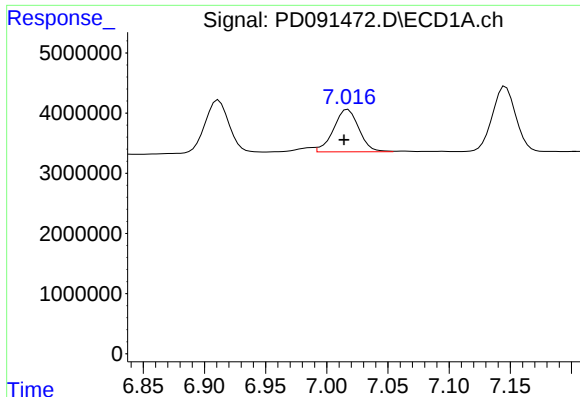
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: 0.003 min
Response: 12644495
Conc: 2.57 ng/ml



#16 4,4'-DDD

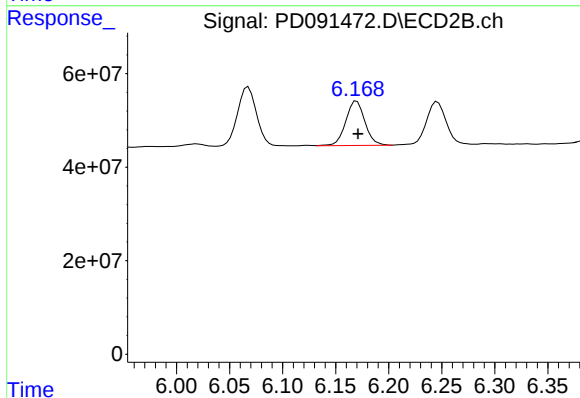
R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 160581031
Conc: 3.29 ng/ml



#17 4,4'-DDT

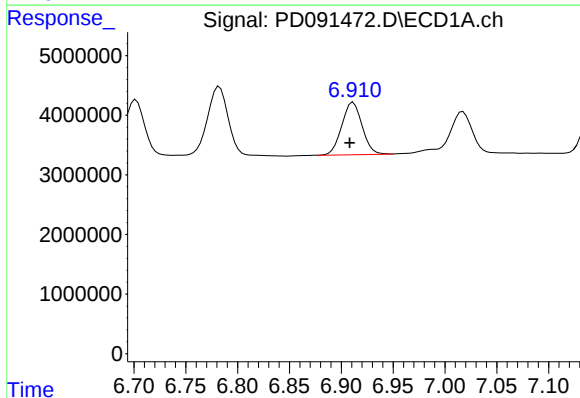
R.T.: 7.016 min
Delta R.T.: 0.002 min
Response: 10140811
Conc: 2.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



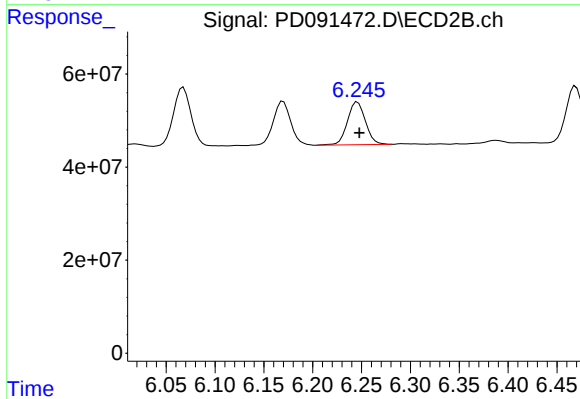
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: -0.001 min
Response: 119029306
Conc: 3.04 ng/ml



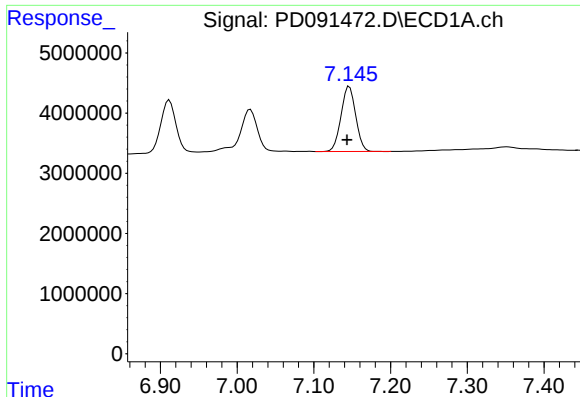
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.002 min
Response: 12027123
Conc: 2.89 ng/ml m



#18 Endrin aldehyde

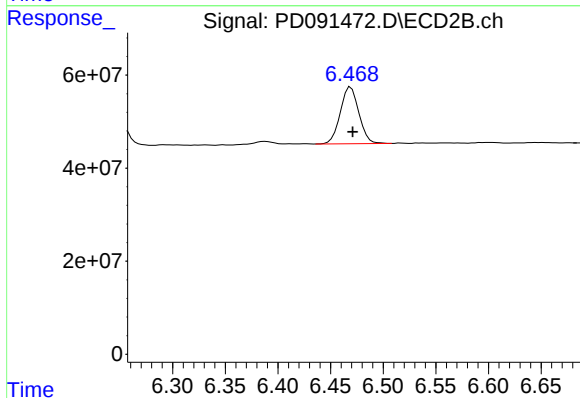
R.T.: 6.246 min
Delta R.T.: -0.002 min
Response: 118133354
Conc: 3.35 ng/ml



#19 Endosulfan Sulfate

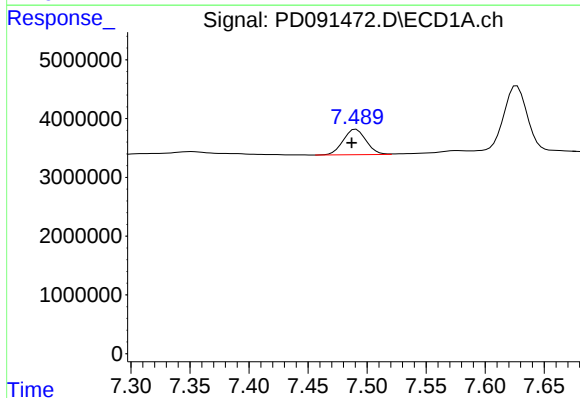
R.T.: 7.146 min
Delta R.T.: 0.003 min
Response: 14349765
Conc: 2.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



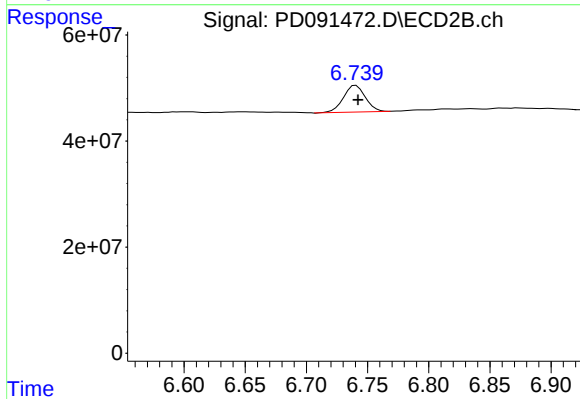
#19 Endosulfan Sulfate

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 150730200
Conc: 3.36 ng/ml



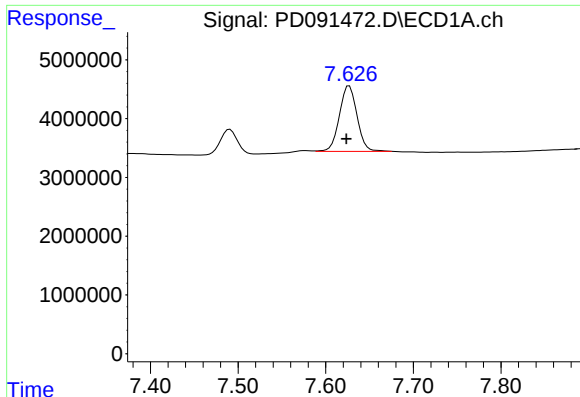
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: 0.004 min
Response: 5861566
Conc: 2.70 ng/ml



#20 Methoxychlor

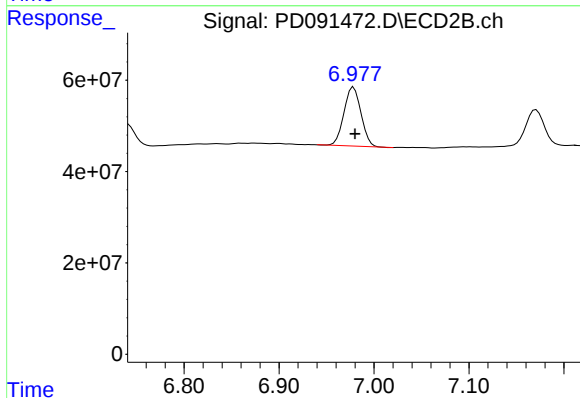
R.T.: 6.741 min
Delta R.T.: -0.002 min
Response: 62667519
Conc: 3.13 ng/ml



#21 Endrin ketone

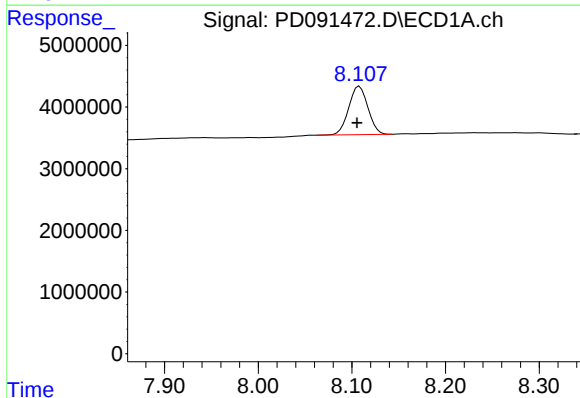
R.T.: 7.626 min
Delta R.T.: 0.002 min
Response: 15598526
Conc: 2.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



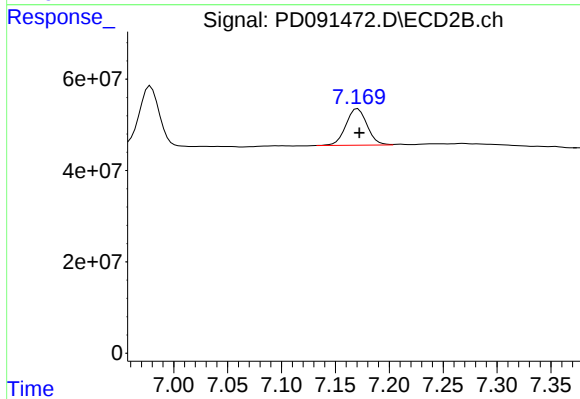
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: -0.002 min
Response: 161769968
Conc: 3.17 ng/ml



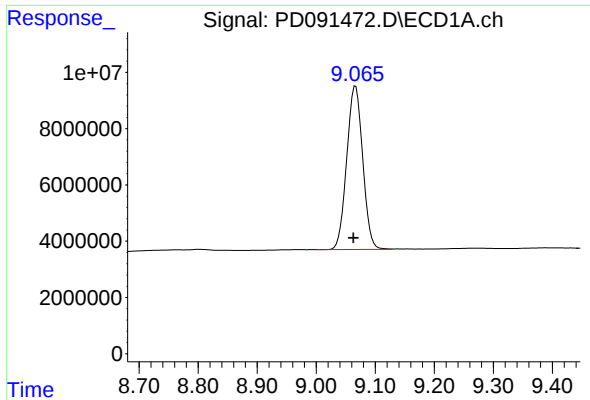
#22 Mirex

R.T.: 8.108 min
Delta R.T.: 0.002 min
Response: 11165711
Conc: 3.14 ng/ml



#22 Mirex

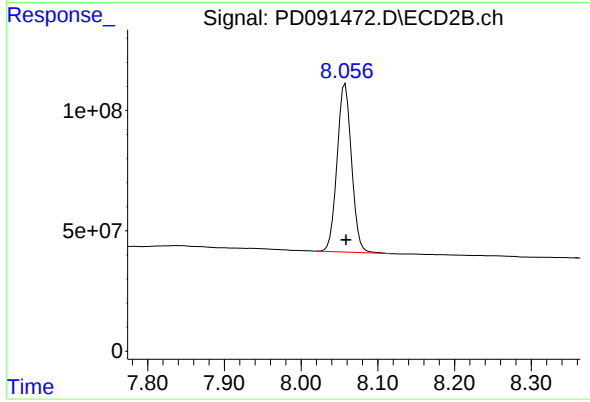
R.T.: 7.171 min
Delta R.T.: -0.001 min
Response: 109651859
Conc: 3.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.003 min
Response: 109189934
Conc: 21.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: -0.001 min
Response: 915029803
Conc: 23.12 ng/ml