

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032122\
 Data File : PD068709.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2022 14:56
 Operator : AR\AJ
 Sample : N1645-02
 Misc : PEST LOQ .5PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 01:14:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 2022
 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...	3.444	4.172	22107747	174.5E6	18.208	18.252
28)	SA Decachlor...	8.201	9.365	24457556	114.4E6	19.359	20.197
Target Compounds							
2)	A alpha-BHC	3.883	4.567	8096947	66269725	4.472	4.815
3)	MA gamma-BHC...	4.166	4.858	7270940	61347409	4.354	4.907
4)	MA Heptachlor	4.465	5.385	7835374	60550846	4.756	5.095
5)	MB Aldrin	4.710	5.698	7471865	62441375	4.675m	5.440
6)	B beta-BHC	4.417	5.021	4069211	25867276	5.465	4.712
7)	B delta-BHC	4.620	5.247	7184097	30652767	4.396	2.549 #
8)	B Heptachlo...	5.154	6.086	7292314	37519815	4.876m	3.593 #
9)	A Endosulfan I	5.494	6.449	6736673	49096721	4.814	5.235
10)	B gamma-Chl...	5.382	6.321	7662831	55595754	5.052	5.394m
11)	B alpha-Chl...	5.440	6.397	7702893	54186938	5.154	5.443
12)	B 4,4'-DDE	5.606	6.547	6416338	48547352	4.690	5.239
13)	MA Dieldrin	5.737	6.707	7059057	52918743	4.835m	5.448
14)	MA Endrin	5.995	6.927	6804011	41478502	5.165m	5.361
15)	B Endosulfa...	6.269	7.130	6857478	46958952	5.502	6.213m
16)	A 4,4'-DDD	6.123	7.038	5692168	38834603	4.827	5.258
17)	MA 4,4'-DDT	6.362	7.340	5304453	38234499	4.413m	5.204
18)	B Endrin al...	6.440	7.256	5527399	34919006	5.568	5.770
19)	B Endosulfa...	6.652	7.480	6825580	41883221	5.337	5.694
20)	A Methoxychlor	6.915	7.794	3621552	20887688	5.226	5.730
21)	B Endrin ke...	7.145	7.956	7497887	42820754	5.093	5.526
22)	Mirex	7.329	8.422	6770088	33336277	5.712	6.082

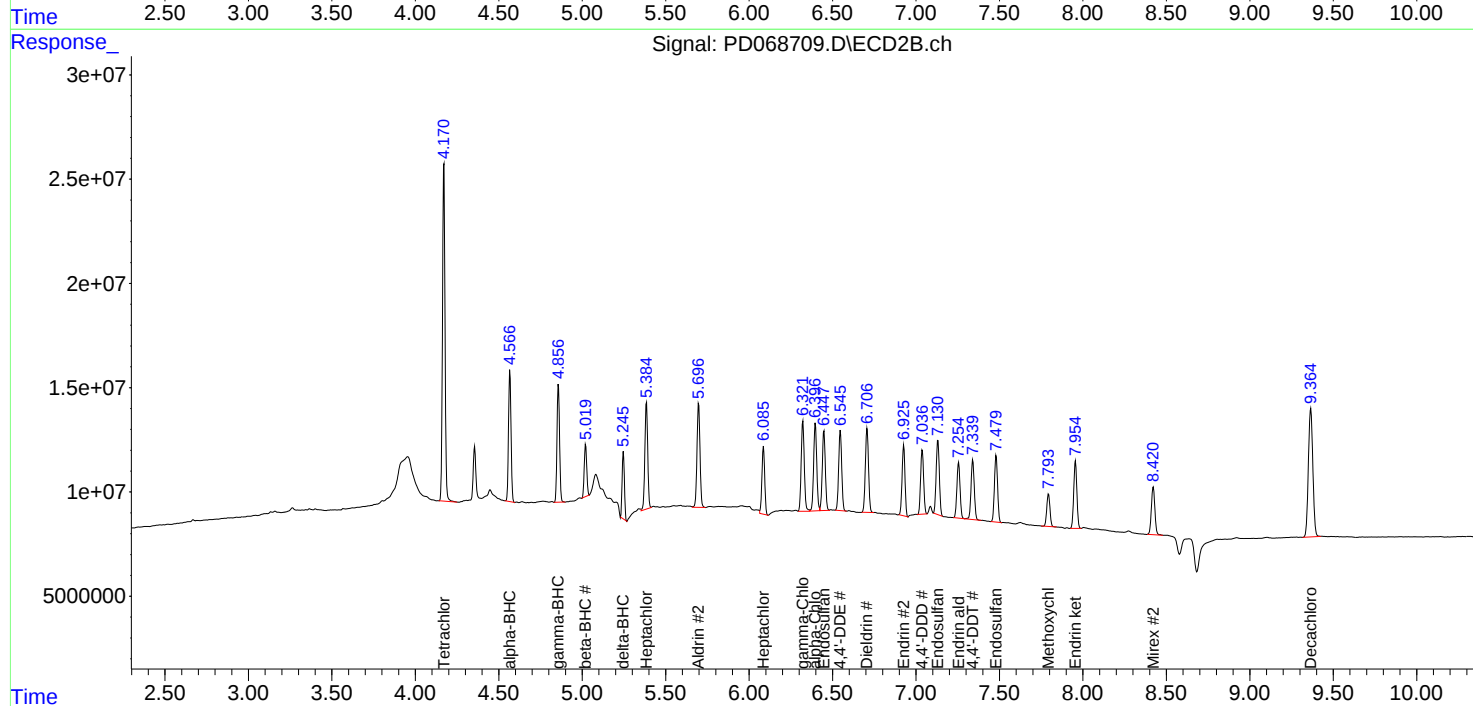
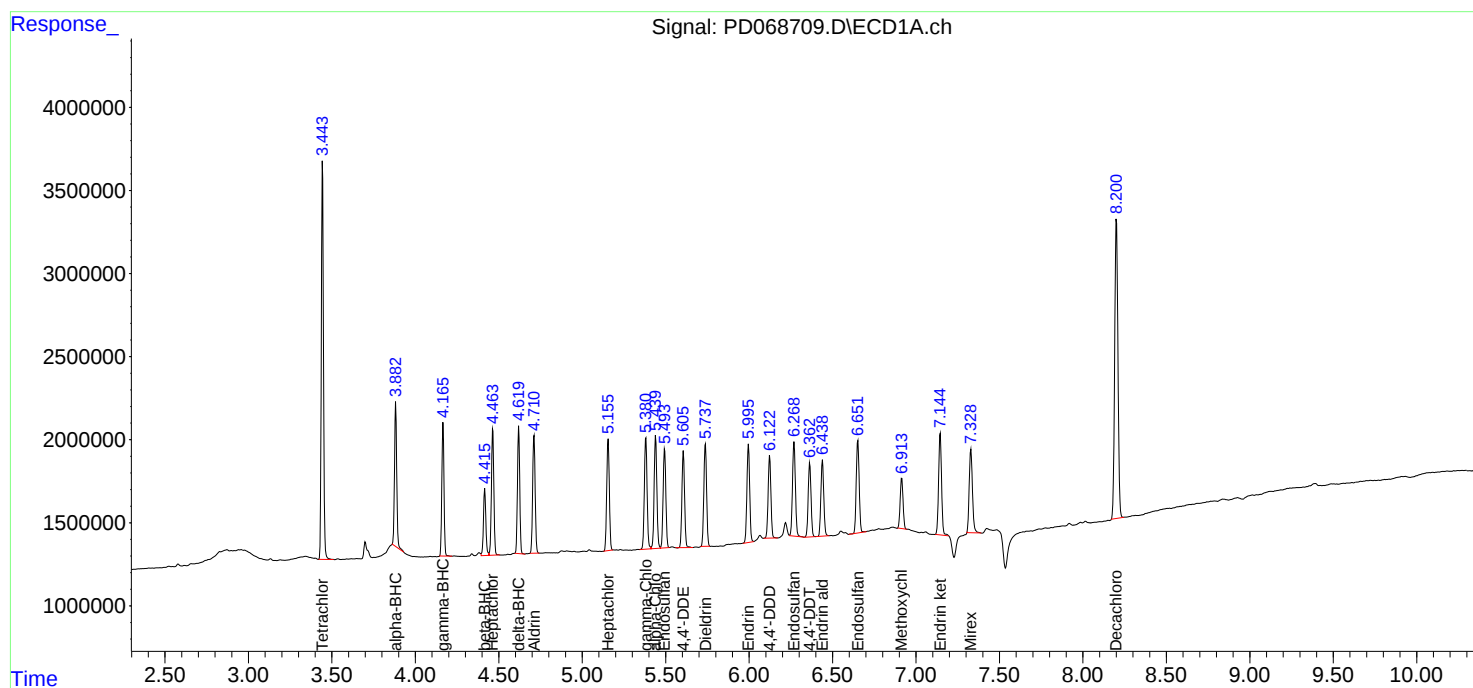
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

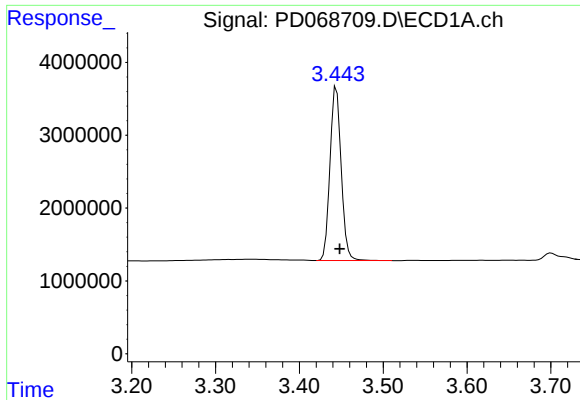
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031222\
Data File : PD068709.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Mar 2022 14:56
Operator : AR\AJ
Sample : N1645-02
Misc : PEST LOQ .5PPB
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 22 01:14:40 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 03:30:32 2022
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

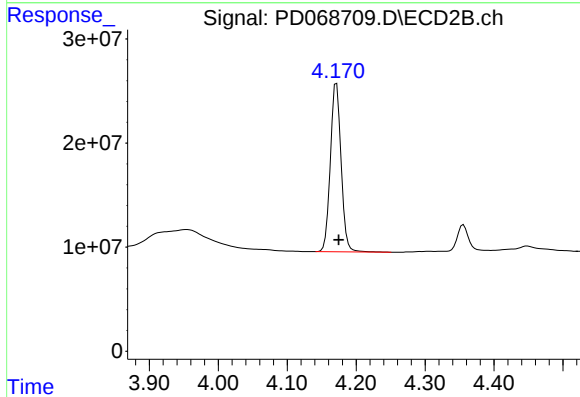




#1 Tetrachloro-m-xylene

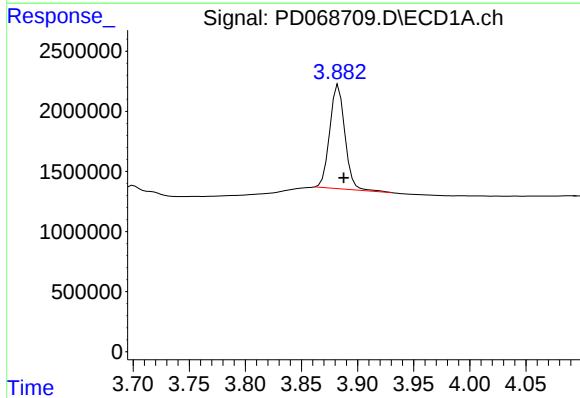
R.T.: 3.444 min
Delta R.T.: -0.004 min
Response: 22107747
Conc: 18.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2022



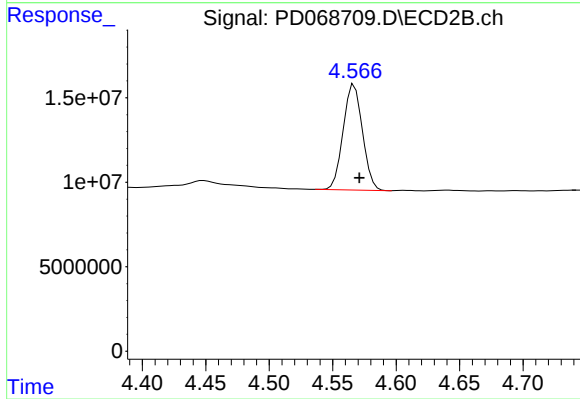
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: -0.003 min
Response: 174498136
Conc: 18.25 ng/ml



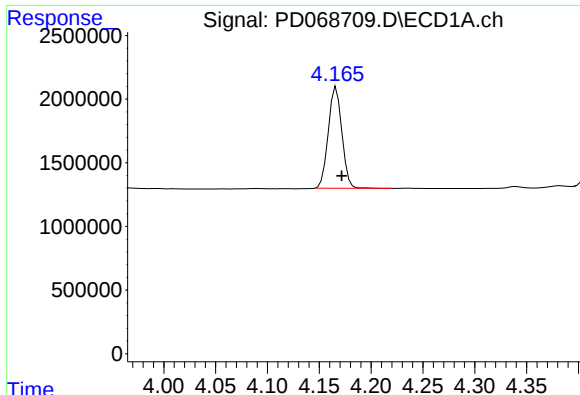
#2 alpha-BHC

R.T.: 3.883 min
Delta R.T.: -0.005 min
Response: 8096947
Conc: 4.47 ng/ml



#2 alpha-BHC

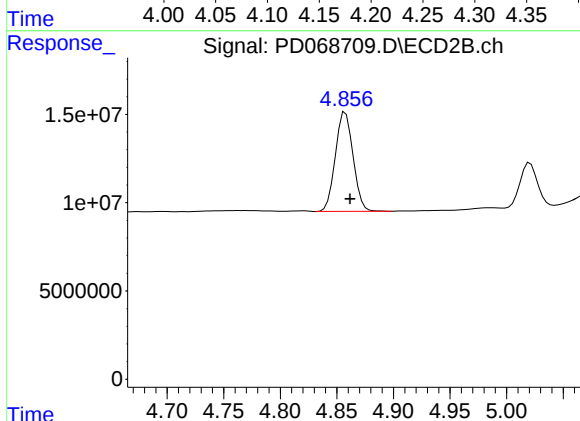
R.T.: 4.567 min
Delta R.T.: -0.004 min
Response: 66269725
Conc: 4.82 ng/ml



#3 gamma-BHC (Lindane)

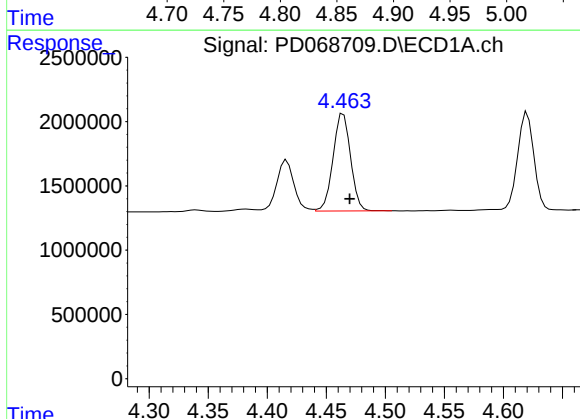
R.T.: 4.166 min
Delta R.T.: -0.005 min
Response: 7270940
Conc: 4.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2022



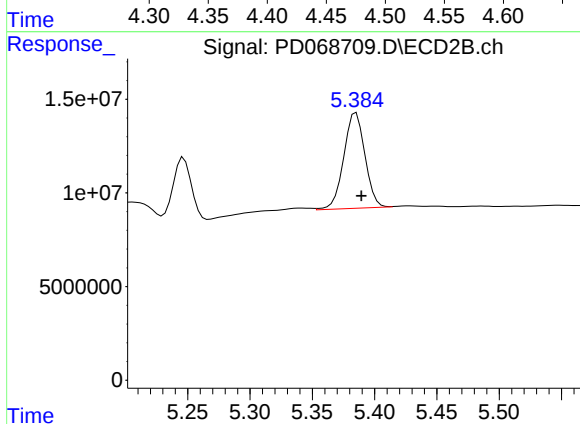
#3 gamma-BHC (Lindane)

R.T.: 4.858 min
Delta R.T.: -0.004 min
Response: 61347409
Conc: 4.91 ng/ml



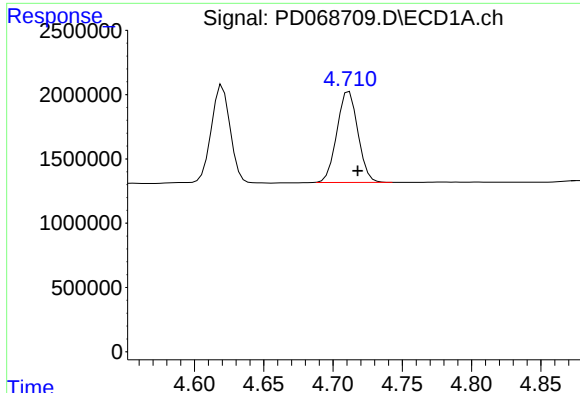
#4 Heptachlor

R.T.: 4.465 min
Delta R.T.: -0.005 min
Response: 7835374
Conc: 4.76 ng/ml



#4 Heptachlor

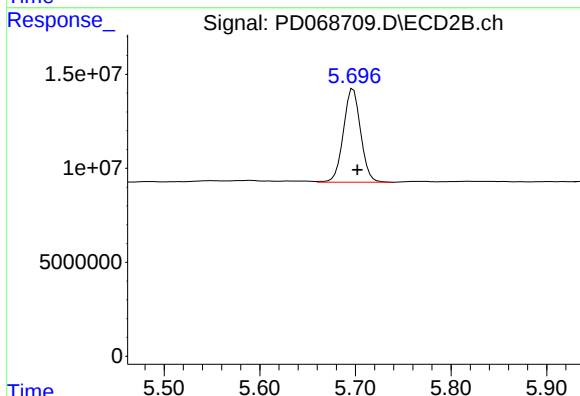
R.T.: 5.385 min
Delta R.T.: -0.004 min
Response: 60550846
Conc: 5.10 ng/ml



#5 Aldrin

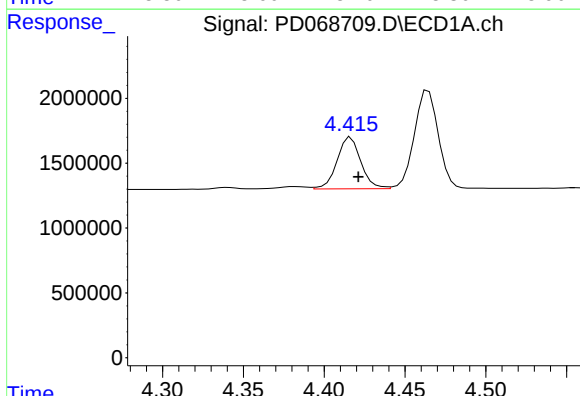
R.T.: 4.710 min
Delta R.T.: -0.008 min
Response: 7471865
Conc: 4.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2022



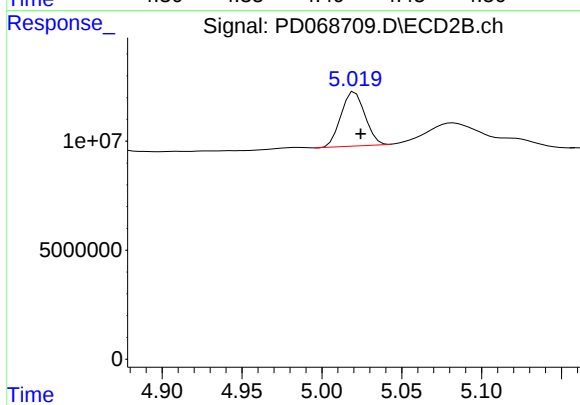
#5 Aldrin

R.T.: 5.698 min
Delta R.T.: -0.004 min
Response: 62441375
Conc: 5.44 ng/ml



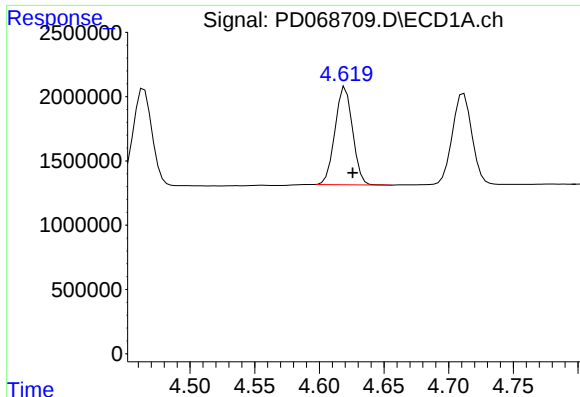
#6 beta-BHC

R.T.: 4.417 min
Delta R.T.: -0.005 min
Response: 4069211
Conc: 5.47 ng/ml



#6 beta-BHC

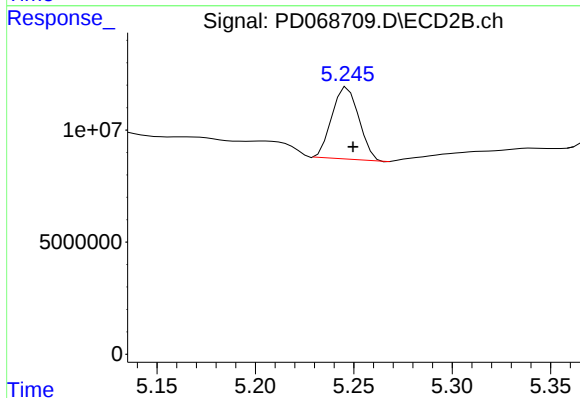
R.T.: 5.021 min
Delta R.T.: -0.004 min
Response: 25867276
Conc: 4.71 ng/ml



#7 delta-BHC

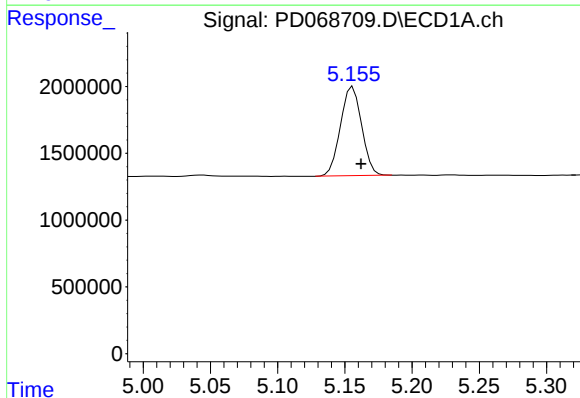
R.T.: 4.620 min
Delta R.T.: -0.006 min
Response: 7184097
Conc: 4.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2022



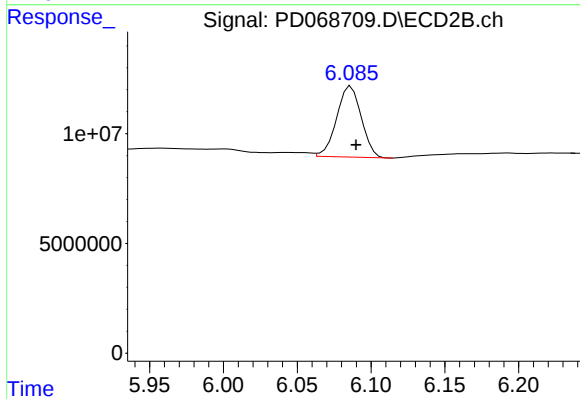
#7 delta-BHC

R.T.: 5.247 min
Delta R.T.: -0.003 min
Response: 30652767
Conc: 2.55 ng/ml



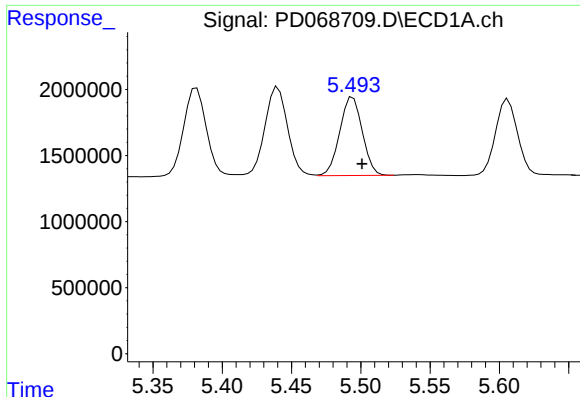
#8 Heptachlor epoxide

R.T.: 5.154 min
Delta R.T.: -0.007 min
Response: 7292314
Conc: 4.88 ng/ml m



#8 Heptachlor epoxide

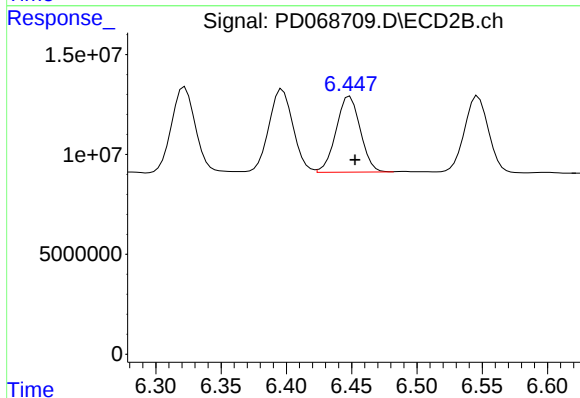
R.T.: 6.086 min
Delta R.T.: -0.003 min
Response: 37519815
Conc: 3.59 ng/ml



#9 Endosulfan I

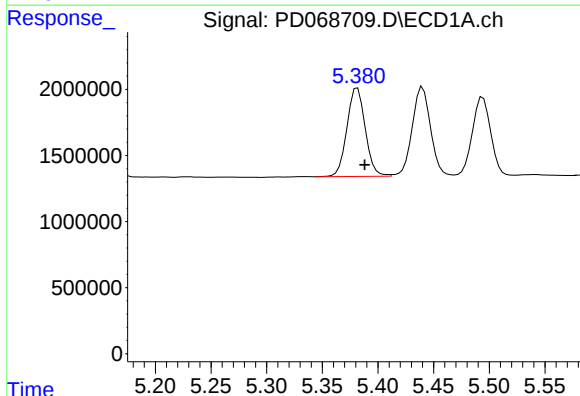
R.T.: 5.494 min
Delta R.T.: -0.007 min
Response: 6736673
Conc: 4.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2022



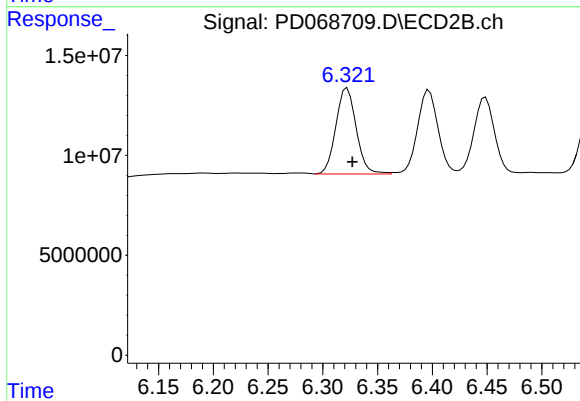
#9 Endosulfan I

R.T.: 6.449 min
Delta R.T.: -0.004 min
Response: 49096721
Conc: 5.24 ng/ml



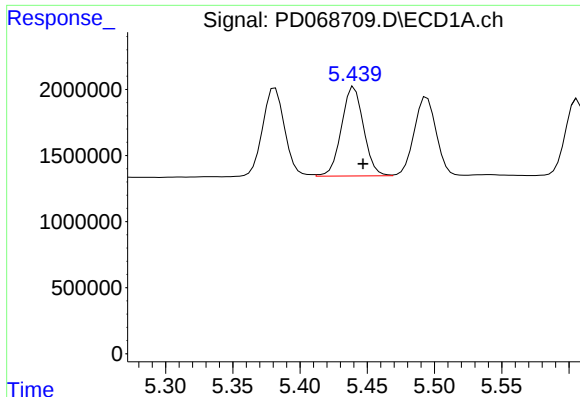
#10 gamma-Chlordane

R.T.: 5.382 min
Delta R.T.: -0.007 min
Response: 7662831
Conc: 5.05 ng/ml



#10 gamma-Chlordane

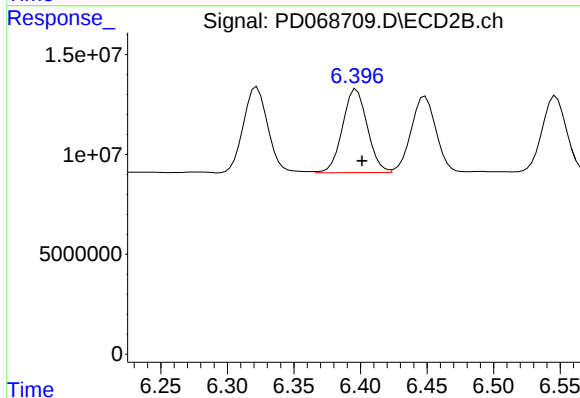
R.T.: 6.321 min
Delta R.T.: -0.006 min
Response: 55595754
Conc: 5.39 ng/ml m



#11 alpha-Chlordane

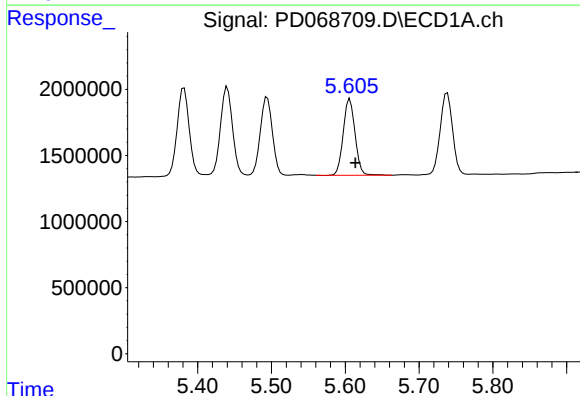
R.T.: 5.440 min
Delta R.T.: -0.007 min
Response: 7702893
Conc: 5.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2022



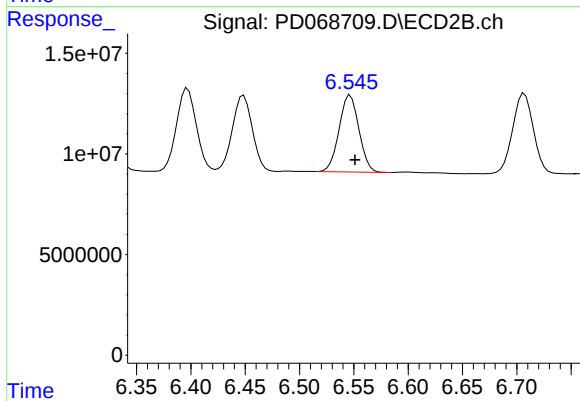
#11 alpha-Chlordane

R.T.: 6.397 min
Delta R.T.: -0.004 min
Response: 54186938
Conc: 5.44 ng/ml



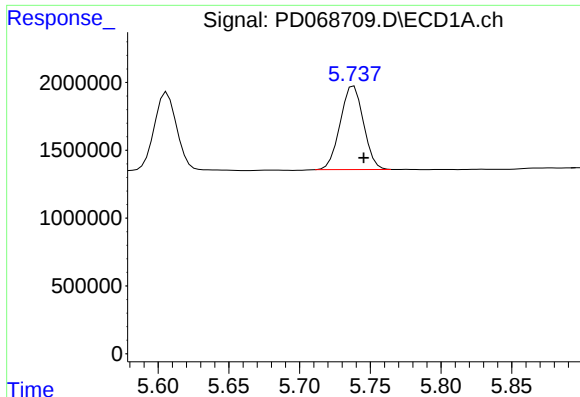
#12 4,4'-DDE

R.T.: 5.606 min
Delta R.T.: -0.007 min
Response: 6416338
Conc: 4.69 ng/ml



#12 4,4'-DDE

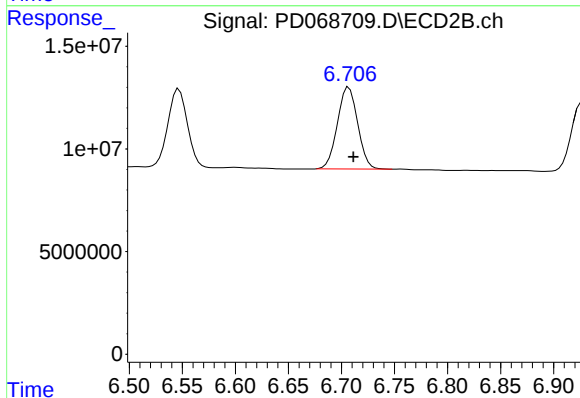
R.T.: 6.547 min
Delta R.T.: -0.005 min
Response: 48547352
Conc: 5.24 ng/ml



#13 Dieldrin

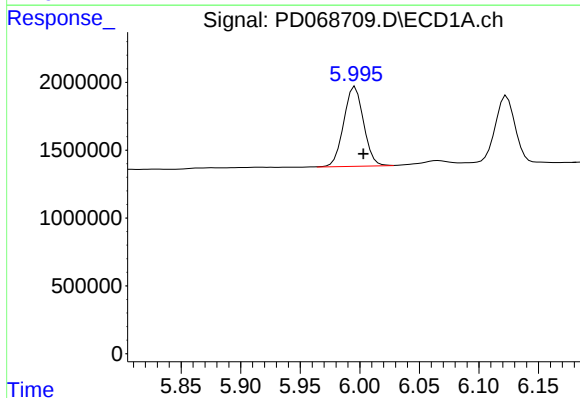
R.T.: 5.737 min
Delta R.T.: -0.008 min
Response: 7059057
Conc: 4.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2022



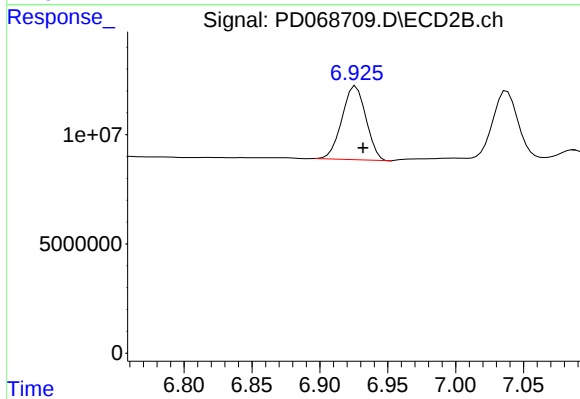
#13 Dieldrin

R.T.: 6.707 min
Delta R.T.: -0.004 min
Response: 52918743
Conc: 5.45 ng/ml



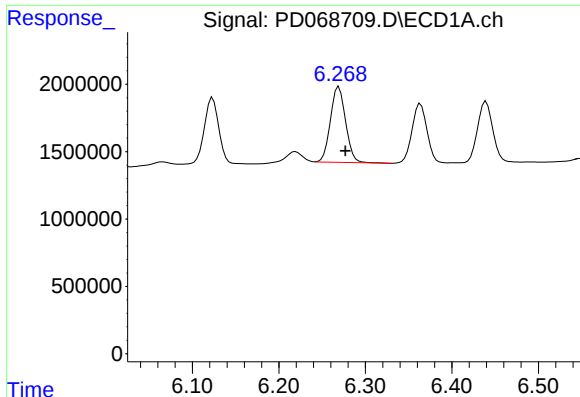
#14 Endrin

R.T.: 5.995 min
Delta R.T.: -0.008 min
Response: 6804011
Conc: 5.17 ng/ml m



#14 Endrin

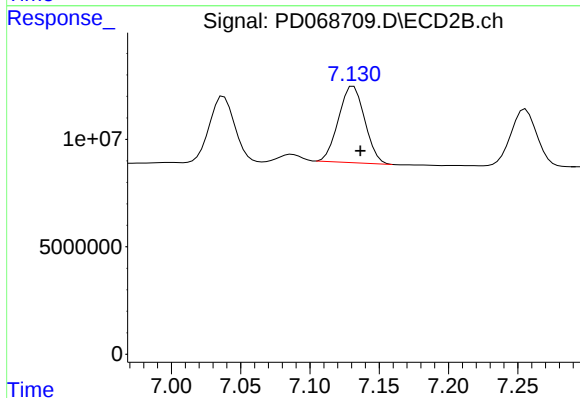
R.T.: 6.927 min
Delta R.T.: -0.005 min
Response: 41478502
Conc: 5.36 ng/ml



#15 Endosulfan II

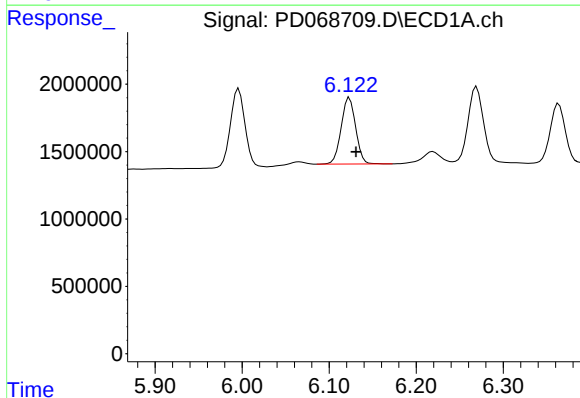
R.T.: 6.269 min
Delta R.T.: -0.008 min
Response: 6857478
Conc: 5.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2022



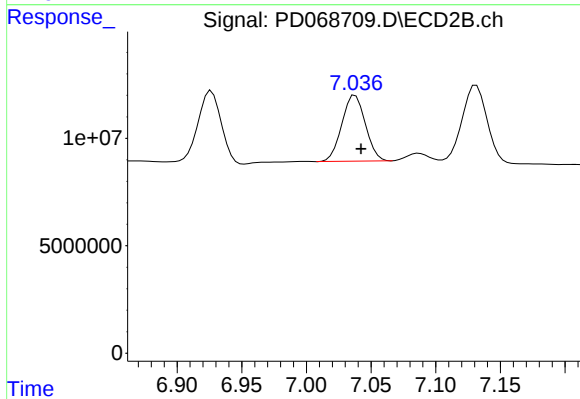
#15 Endosulfan II

R.T.: 7.130 min
Delta R.T.: -0.006 min
Response: 46958952
Conc: 6.21 ng/ml m



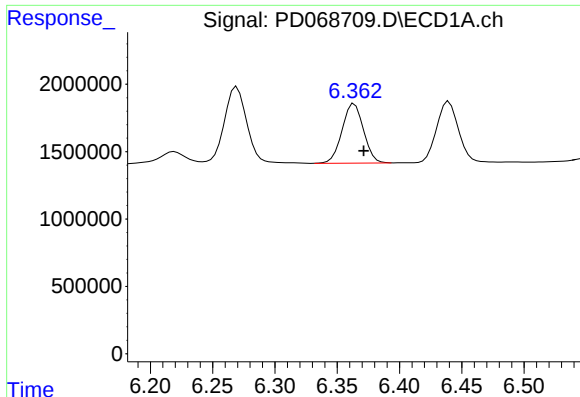
#16 4,4'-DDD

R.T.: 6.123 min
Delta R.T.: -0.007 min
Response: 5692168
Conc: 4.83 ng/ml



#16 4,4'-DDD

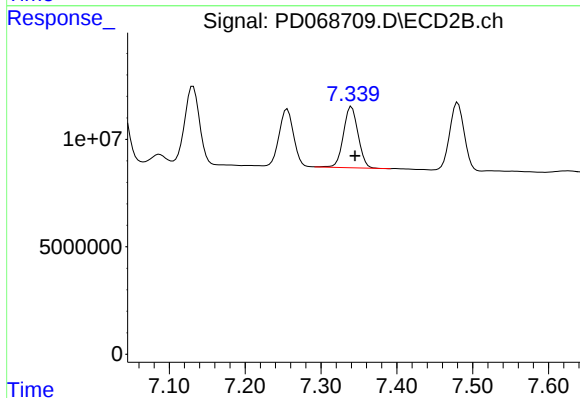
R.T.: 7.038 min
Delta R.T.: -0.005 min
Response: 38834603
Conc: 5.26 ng/ml



#17 4,4'-DDT

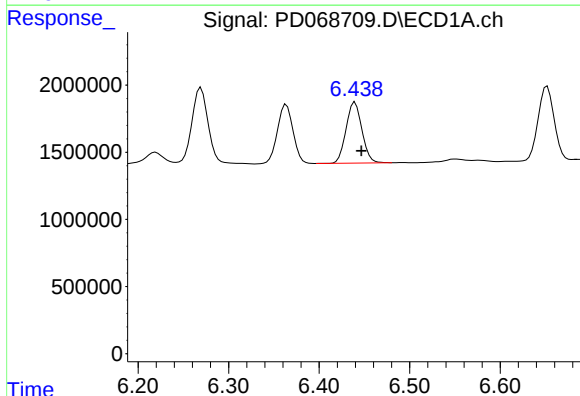
R.T.: 6.362 min
Delta R.T.: -0.009 min
Response: 5304453
Conc: 4.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2022



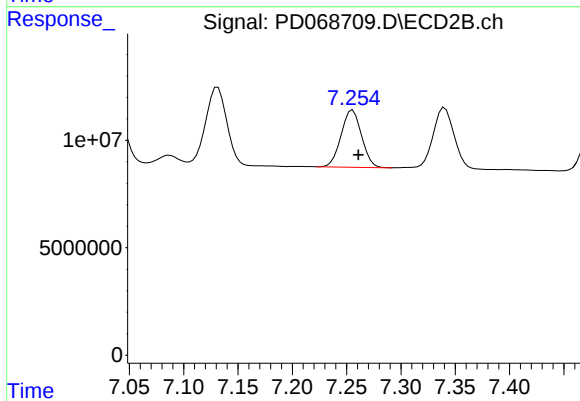
#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: -0.005 min
Response: 38234499
Conc: 5.20 ng/ml



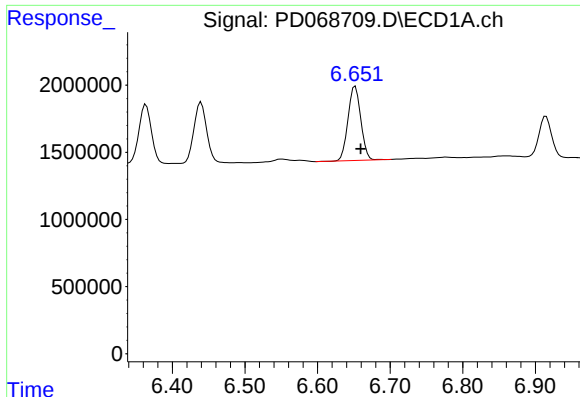
#18 Endrin aldehyde

R.T.: 6.440 min
Delta R.T.: -0.007 min
Response: 5527399
Conc: 5.57 ng/ml



#18 Endrin aldehyde

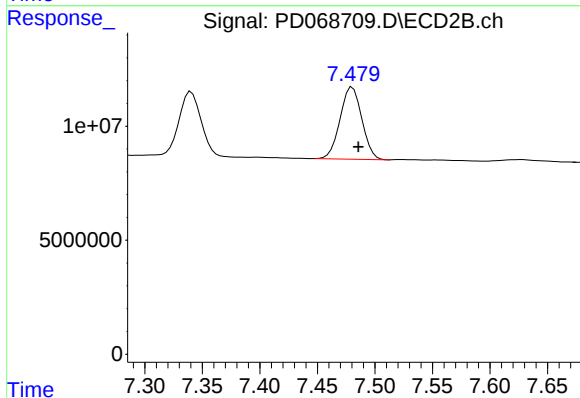
R.T.: 7.256 min
Delta R.T.: -0.005 min
Response: 34919006
Conc: 5.77 ng/ml



#19 Endosulfan Sulfate

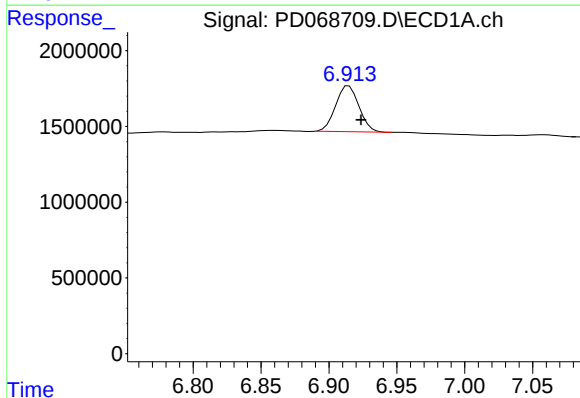
R.T.: 6.652 min
Delta R.T.: -0.008 min
Response: 6825580
Conc: 5.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2022



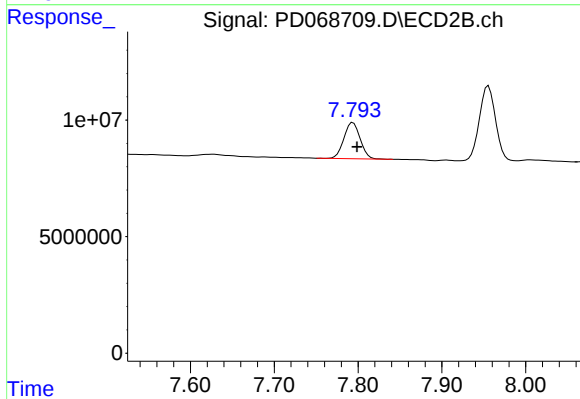
#19 Endosulfan Sulfate

R.T.: 7.480 min
Delta R.T.: -0.005 min
Response: 41883221
Conc: 5.69 ng/ml



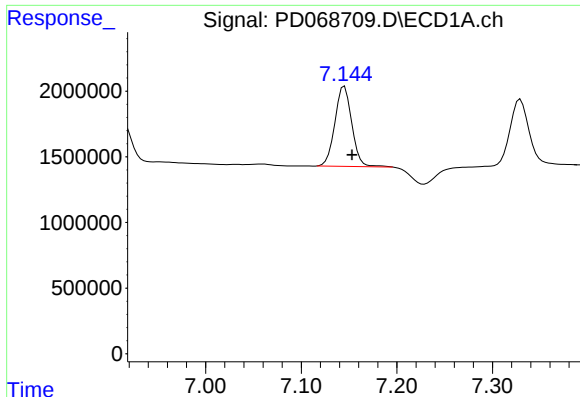
#20 Methoxychlor

R.T.: 6.915 min
Delta R.T.: -0.009 min
Response: 3621552
Conc: 5.23 ng/ml



#20 Methoxychlor

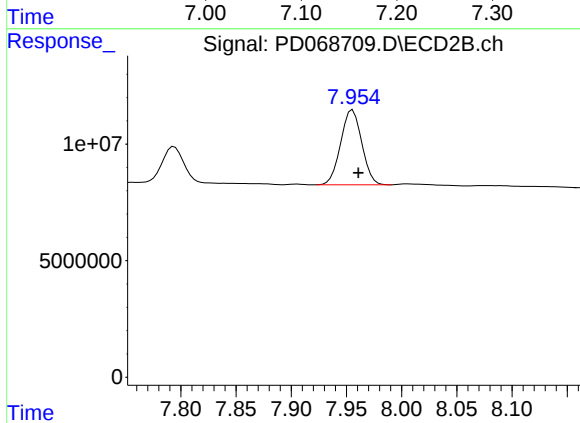
R.T.: 7.794 min
Delta R.T.: -0.005 min
Response: 20887688
Conc: 5.73 ng/ml



#21 Endrin ketone

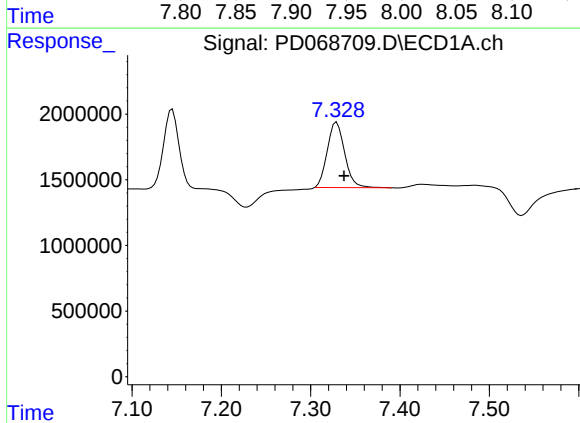
R.T.: 7.145 min
Delta R.T.: -0.008 min
Response: 7497887
Conc: 5.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2022



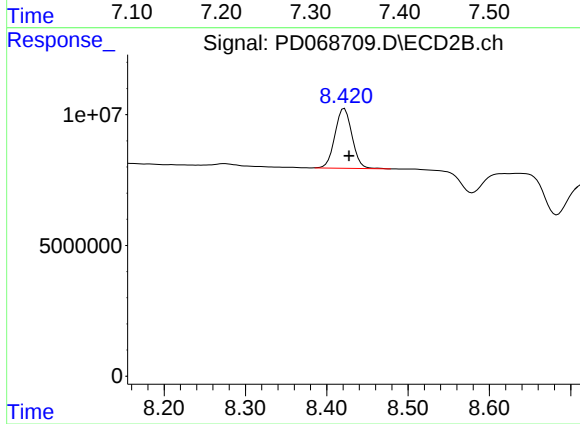
#21 Endrin ketone

R.T.: 7.956 min
Delta R.T.: -0.005 min
Response: 42820754
Conc: 5.53 ng/ml



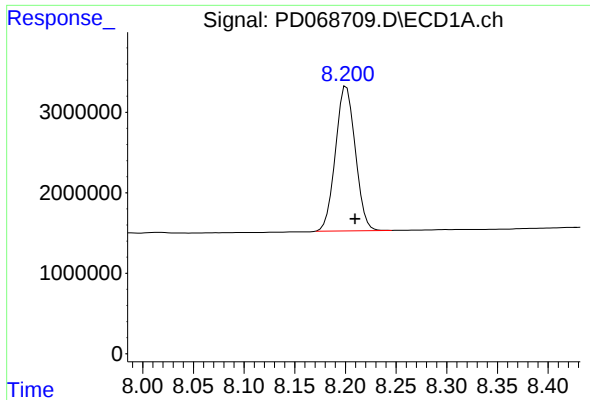
#22 Mirex

R.T.: 7.329 min
Delta R.T.: -0.008 min
Response: 6770088
Conc: 5.71 ng/ml



#22 Mirex

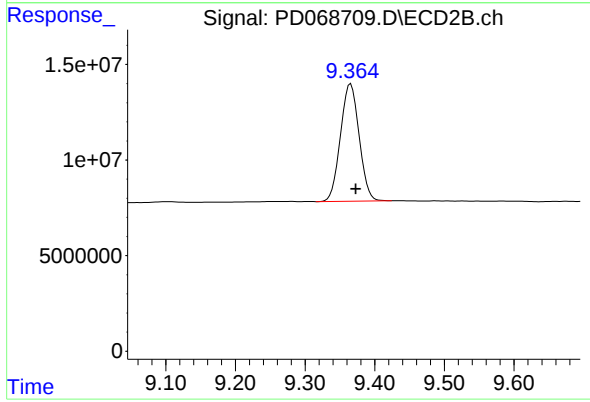
R.T.: 8.422 min
Delta R.T.: -0.006 min
Response: 33336277
Conc: 6.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.201 min
Delta R.T.: -0.009 min
Response: 24457556
Conc: 19.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2022



#28 Decachlorobiphenyl

R.T.: 9.365 min
Delta R.T.: -0.007 min
Response: 114449249
Conc: 20.20 ng/ml