

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112122\
 Data File : PD073165.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2022 15:17
 Operator : AR\AJ
 Sample : N4955-02
 Misc : PEST LOQ 5PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT4-2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 23:50:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111622.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 17 03:26:54 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...	2.704	3.457	37021755	1145.4E6	17.446	20.675
28)	SA Decachlor...	7.834	8.912	42412978	278.8E6	20.591	21.815
Target Compounds							
2)	A alpha-BHC	3.208	3.921	13637658	422.2E6	3.955	5.746 #
3)	MA gamma-BHC...	3.539	4.254	13179242	305.0E6	4.752	5.383
4)	MA Heptachlor	3.871	4.821	14130759	230.8E6	4.798	6.153 #
5)	MB Aldrin	4.150	5.160	13509249	203.3E6	4.540	6.296 #
6)	B beta-BHC	3.840	4.470	6623707	118.2E6	5.171m	5.642
7)	B delta-BHC	4.071	4.714	12719759	260.0E6	4.102	6.388 #
8)	B Heptachlo...	4.655	5.592	13335891	166.3E6	4.991	6.208
9)	A Endosulfan I	5.024	5.977	12476777	152.2E6	4.986	6.188
10)	B gamma-Chl...	4.904	5.846	13595208	163.4E6	4.959	6.162
11)	B alpha-Chl...	4.966	5.922	13690514	159.3E6	5.092	6.168
12)	B 4,4'-DDE	5.155	6.095	12011402	148.0E6	4.693	5.956 #
13)	MA Dieldrin	5.290	6.254	13122553	156.1E6	4.970	6.204
14)	MA Endrin	5.567	6.486	11935774	132.7E6	4.926	6.126
15)	B Endosulfa...	5.863	6.716	12049483	124.3E6	5.573m	6.336
16)	A 4,4'-DDD	5.712	6.619	11843910	120.0E6	5.552m	6.127m
17)	MA 4,4'-DDT	5.962	6.928	9797112	108.9E6	5.115	5.829
18)	B Endrin al...	6.046	6.846	10054052	95962567	5.846	6.435m
19)	B Endosulfa...	6.269	7.080	11969130	108.6E6	5.443	6.205
20)	A Methoxychlor	6.545	7.407	7086193	53947366	6.162	6.162m
21)	B Endrin ke...	6.778	7.570	13890768	119.8E6	5.551	6.415
22)	Mirex	6.943	8.018	11423358	72986728	6.224	6.133

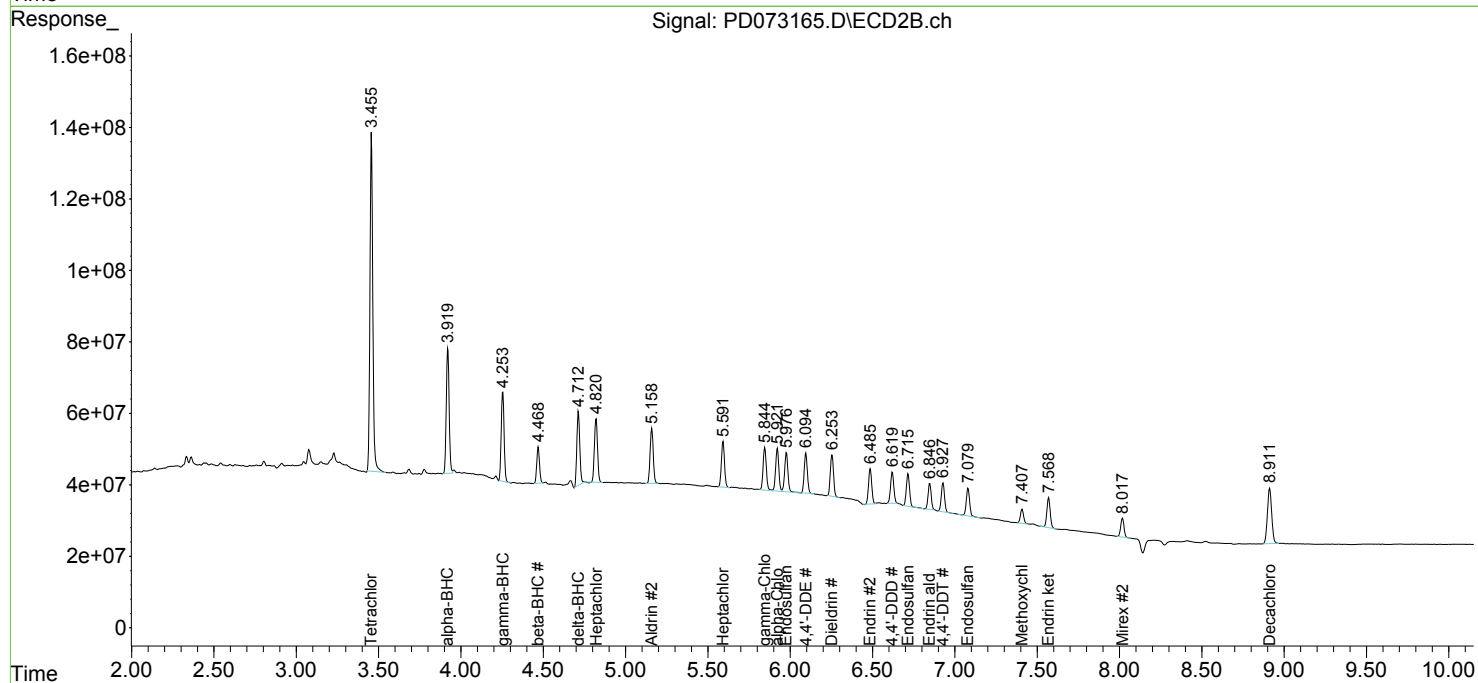
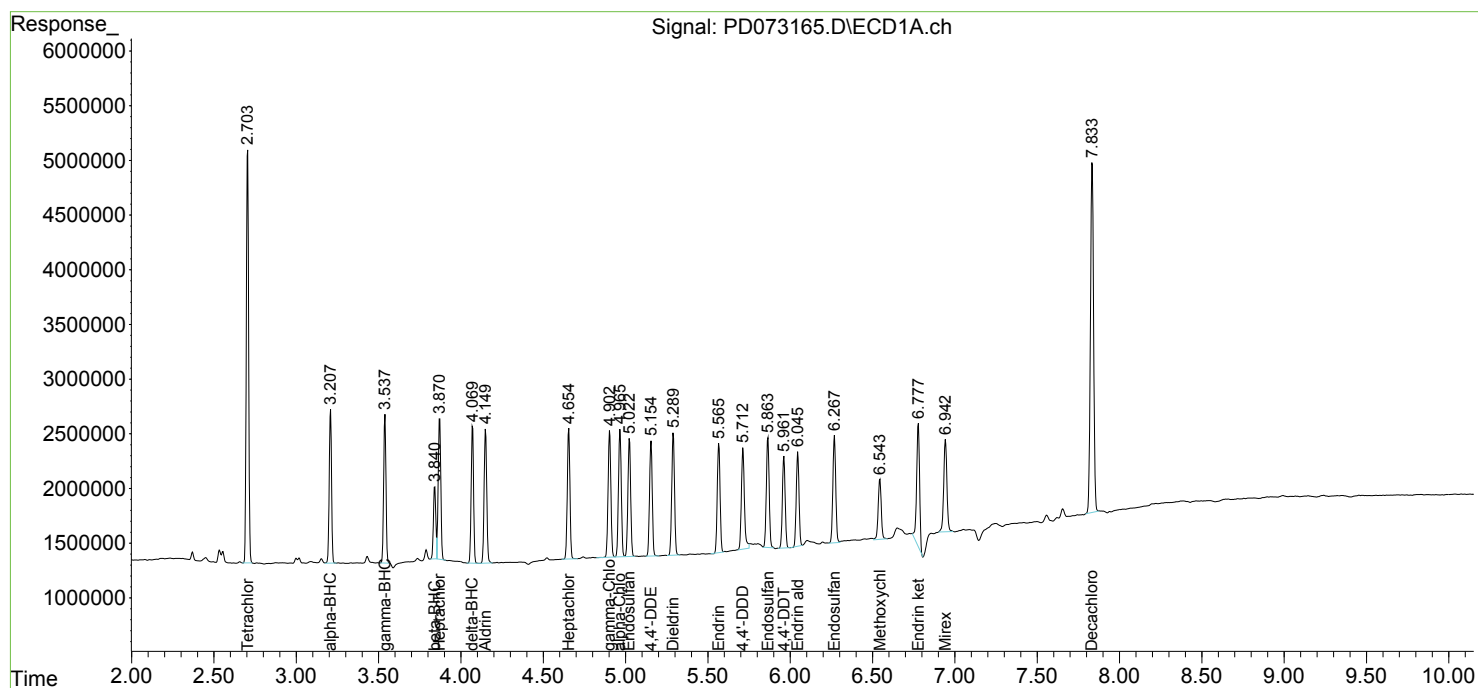
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

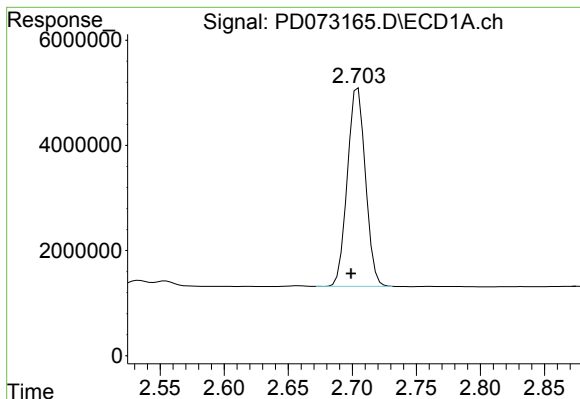
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112122\
Data File : PD073165.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2022 15:17
Operator : AR\AJ
Sample : N4955-02
Misc : PEST LOQ 5PPB
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 23:50:35 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111622.M
Quant Title : GC Extractables
QLast Update : Thu Nov 17 03:26:54 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

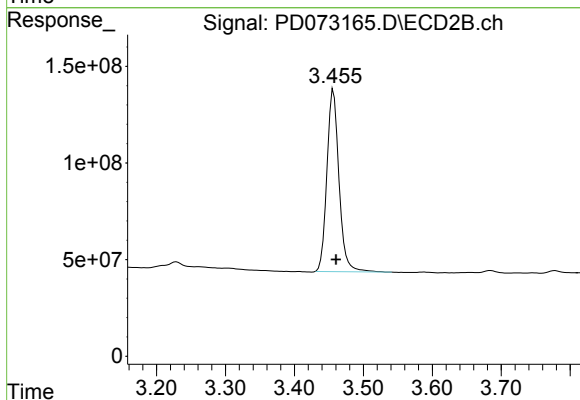




#1 Tetrachloro-m-xylene

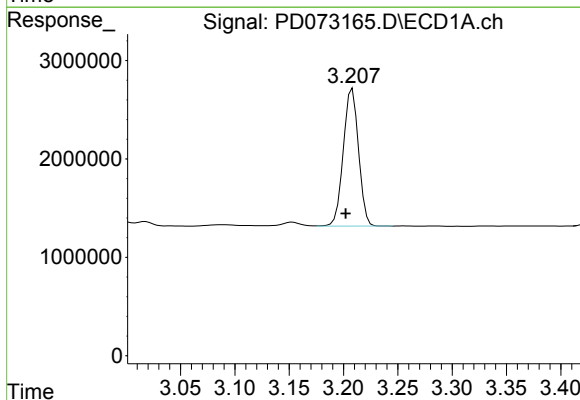
R.T.: 2.704 min
Delta R.T.: 0.005 min
Response: 37021755
Conc: 17.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2022



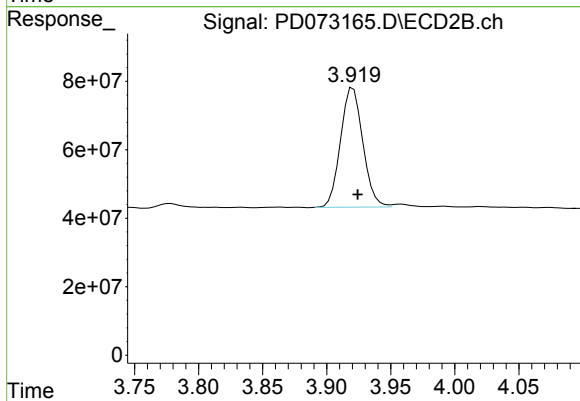
#1 Tetrachloro-m-xylene

R.T.: 3.457 min
Delta R.T.: -0.004 min
Response: 1145405767
Conc: 20.67 ng/ml



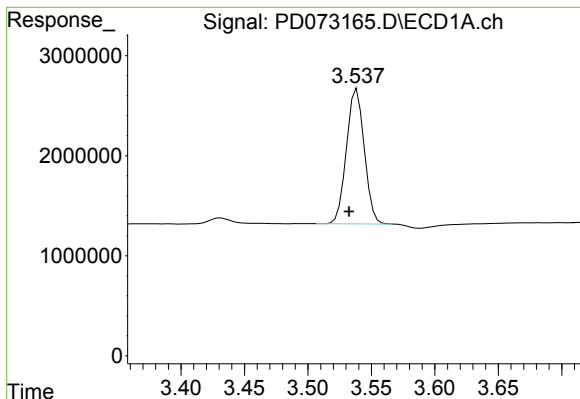
#2 alpha-BHC

R.T.: 3.208 min
Delta R.T.: 0.006 min
Response: 13637658
Conc: 3.96 ng/ml



#2 alpha-BHC

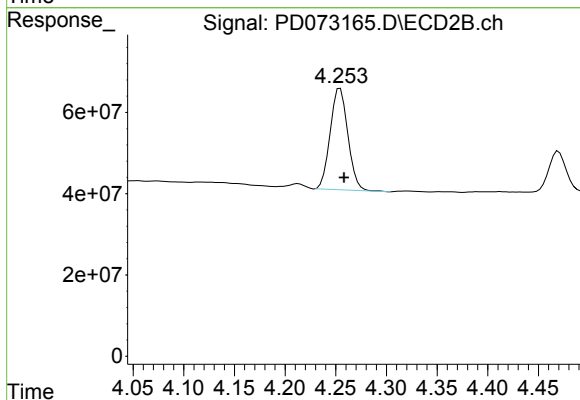
R.T.: 3.921 min
Delta R.T.: -0.004 min
Response: 422162667
Conc: 5.75 ng/ml



#3 gamma-BHC (Lindane)

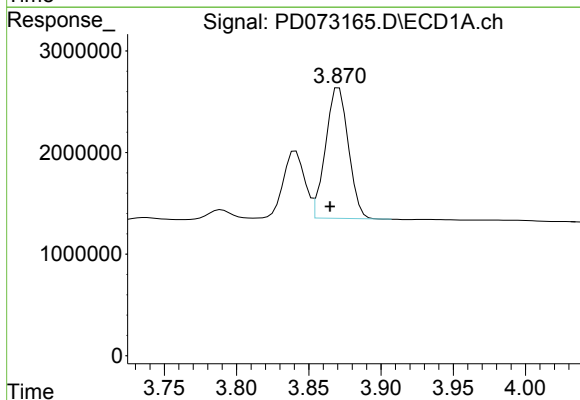
R.T.: 3.539 min
Delta R.T.: 0.006 min
Response: 13179242
Conc: 4.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2022



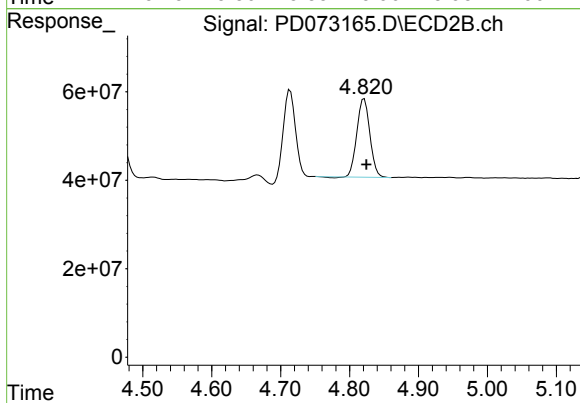
#3 gamma-BHC (Lindane)

R.T.: 4.254 min
Delta R.T.: -0.004 min
Response: 304952673
Conc: 5.38 ng/ml



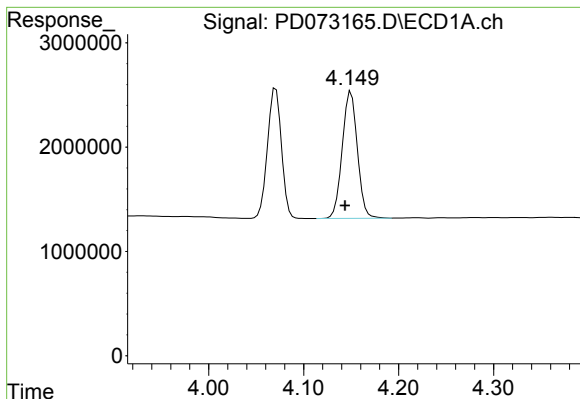
#4 Heptachlor

R.T.: 3.871 min
Delta R.T.: 0.006 min
Response: 14130759
Conc: 4.80 ng/ml



#4 Heptachlor

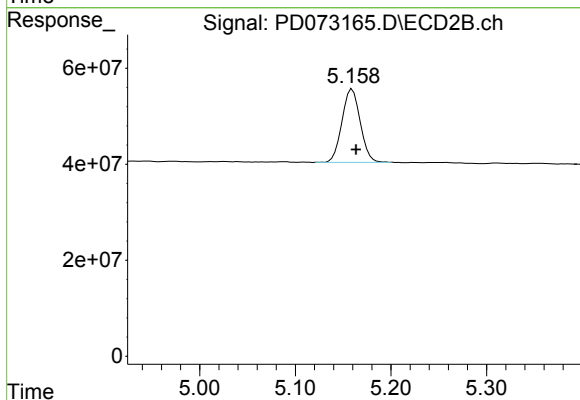
R.T.: 4.821 min
Delta R.T.: -0.003 min
Response: 230784092
Conc: 6.15 ng/ml



#5 Aldrin

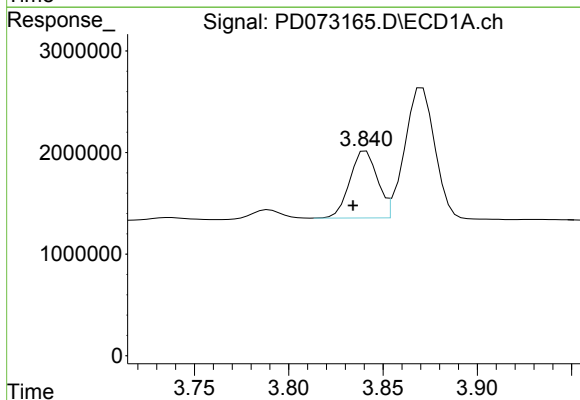
R.T.: 4.150 min
Delta R.T.: 0.006 min
Response: 13509249
Conc: 4.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2022



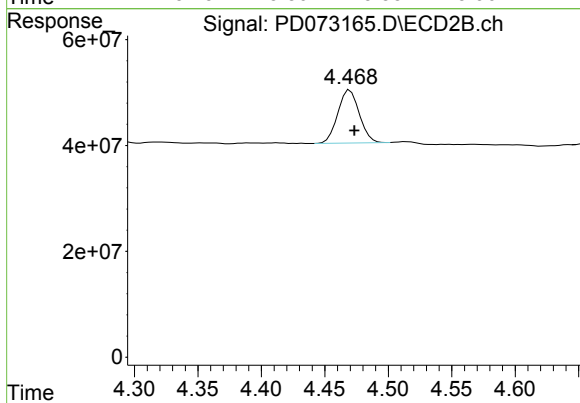
#5 Aldrin

R.T.: 5.160 min
Delta R.T.: -0.004 min
Response: 203260084
Conc: 6.30 ng/ml



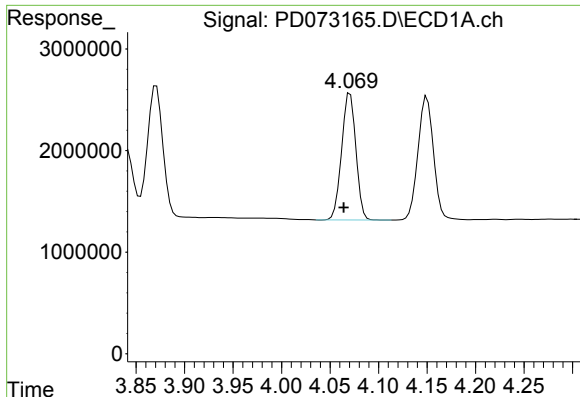
#6 beta-BHC

R.T.: 3.840 min
Delta R.T.: 0.006 min
Response: 6623707
Conc: 5.17 ng/ml m



#6 beta-BHC

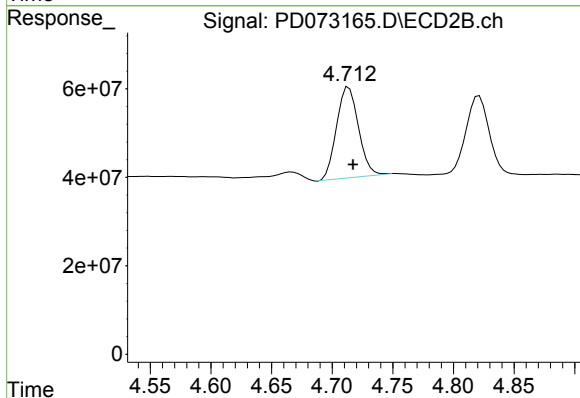
R.T.: 4.470 min
Delta R.T.: -0.004 min
Response: 118180885
Conc: 5.64 ng/ml



#7 delta-BHC

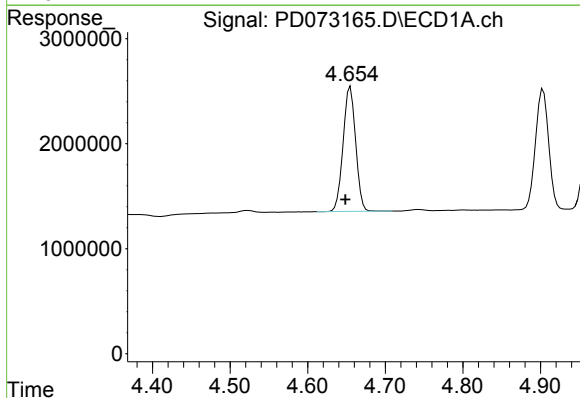
R.T.: 4.071 min
Delta R.T.: 0.007 min
Response: 12719759
Conc: 4.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2022



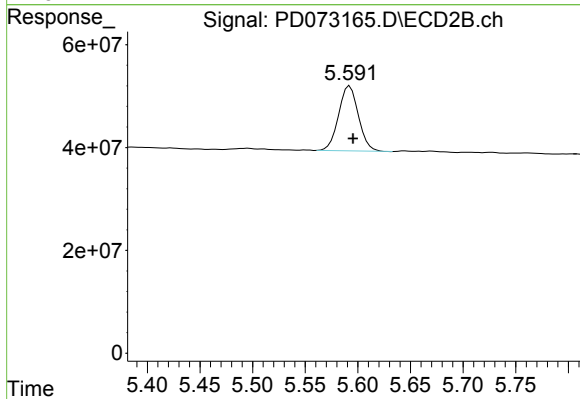
#7 delta-BHC

R.T.: 4.714 min
Delta R.T.: -0.004 min
Response: 260015527
Conc: 6.39 ng/ml



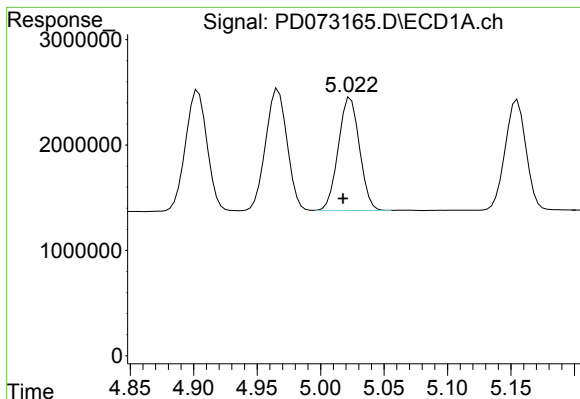
#8 Heptachlor epoxide

R.T.: 4.655 min
Delta R.T.: 0.007 min
Response: 13335891
Conc: 4.99 ng/ml



#8 Heptachlor epoxide

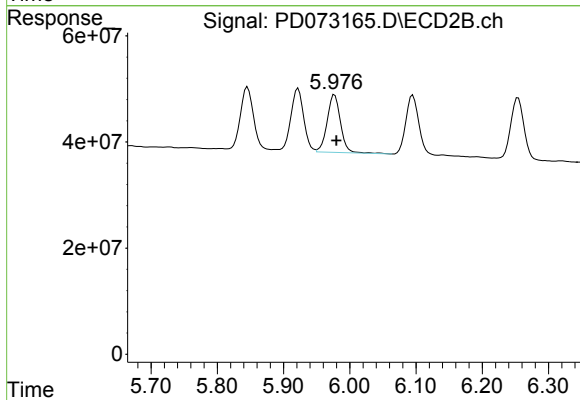
R.T.: 5.592 min
Delta R.T.: -0.003 min
Response: 166316018
Conc: 6.21 ng/ml



#9 Endosulfan I

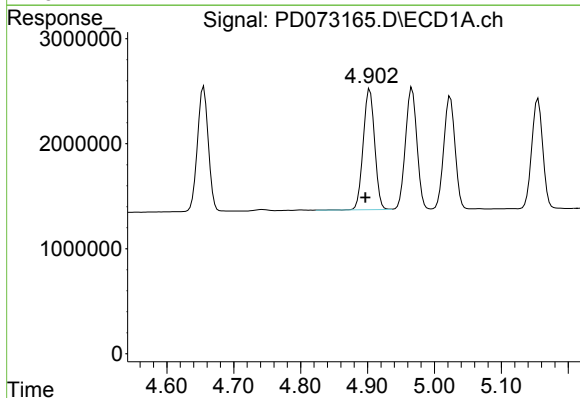
R.T.: 5.024 min
Delta R.T.: 0.006 min
Response: 12476777
Conc: 4.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2022



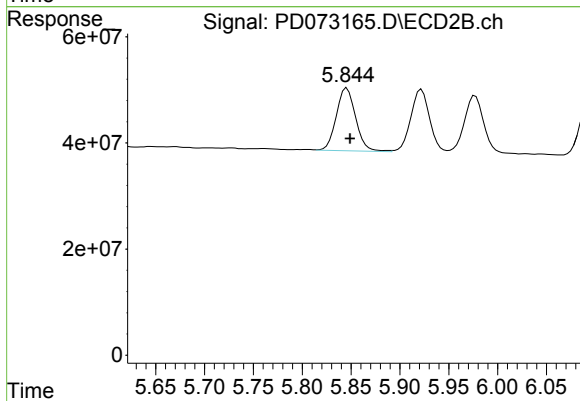
#9 Endosulfan I

R.T.: 5.977 min
Delta R.T.: -0.003 min
Response: 152181268
Conc: 6.19 ng/ml



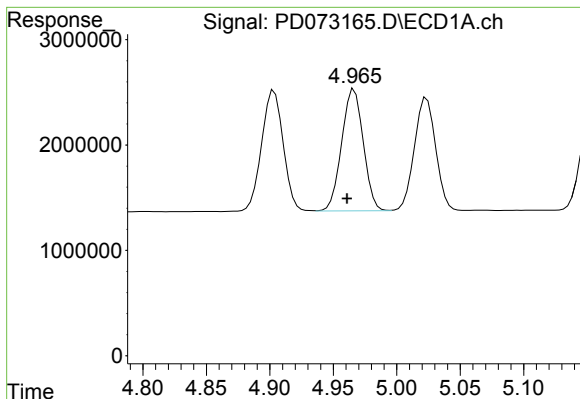
#10 gamma-Chlordane

R.T.: 4.904 min
Delta R.T.: 0.007 min
Response: 13595208
Conc: 4.96 ng/ml



#10 gamma-Chlordane

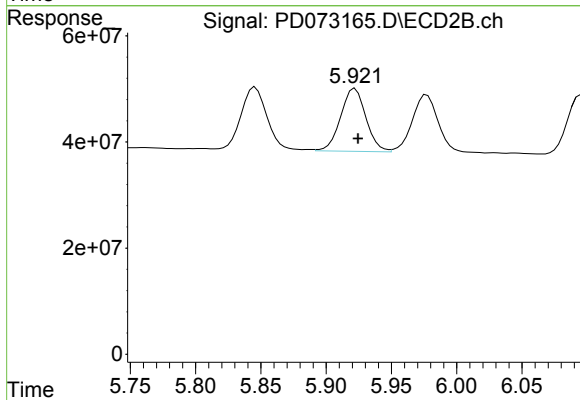
R.T.: 5.846 min
Delta R.T.: -0.003 min
Response: 163438410
Conc: 6.16 ng/ml



#11 alpha-Chlordane

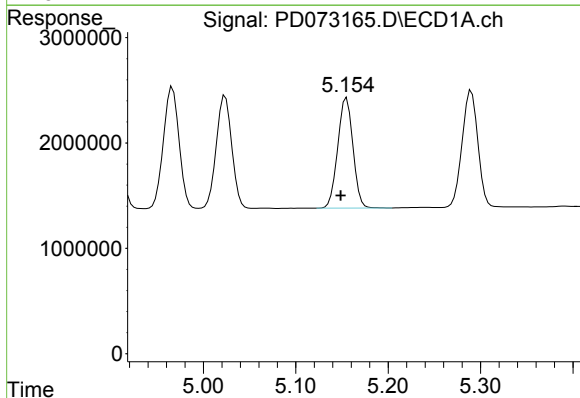
R.T.: 4.966 min
Delta R.T.: 0.006 min
Response: 13690514
Conc: 5.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2022



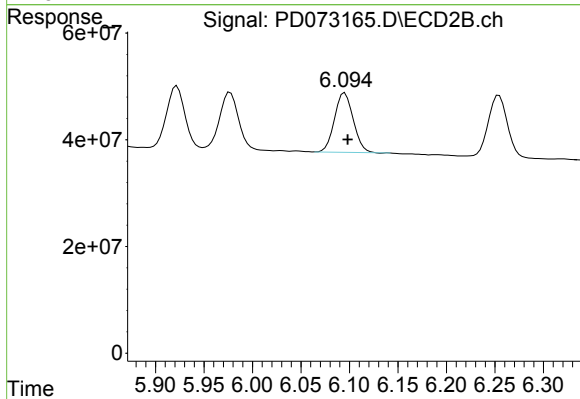
#11 alpha-Chlordane

R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 159335768
Conc: 6.17 ng/ml



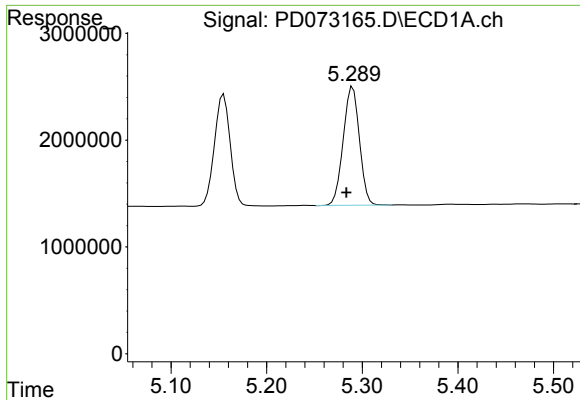
#12 4,4'-DDE

R.T.: 5.155 min
Delta R.T.: 0.007 min
Response: 12011402
Conc: 4.69 ng/ml



#12 4,4'-DDE

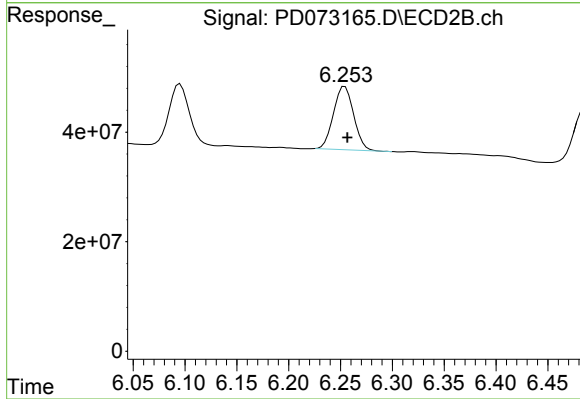
R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 147984218
Conc: 5.96 ng/ml



#13 Dieldrin

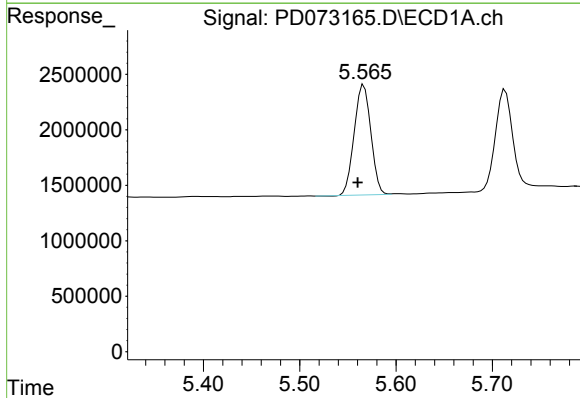
R.T.: 5.290 min
Delta R.T.: 0.007 min
Response: 13122553
Conc: 4.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2022



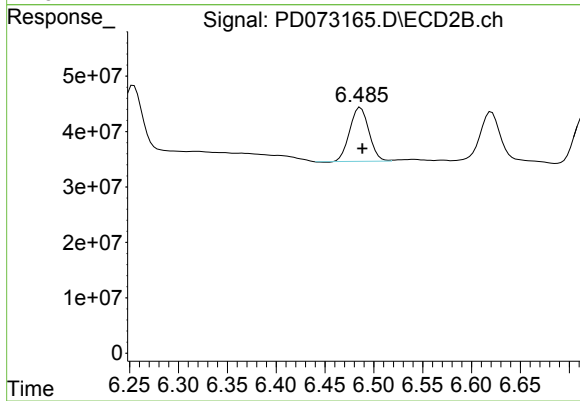
#13 Dieldrin

R.T.: 6.254 min
Delta R.T.: -0.002 min
Response: 156142131
Conc: 6.20 ng/ml



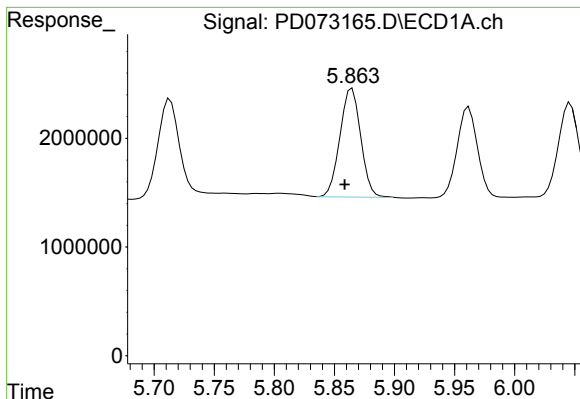
#14 Endrin

R.T.: 5.567 min
Delta R.T.: 0.006 min
Response: 11935774
Conc: 4.93 ng/ml



#14 Endrin

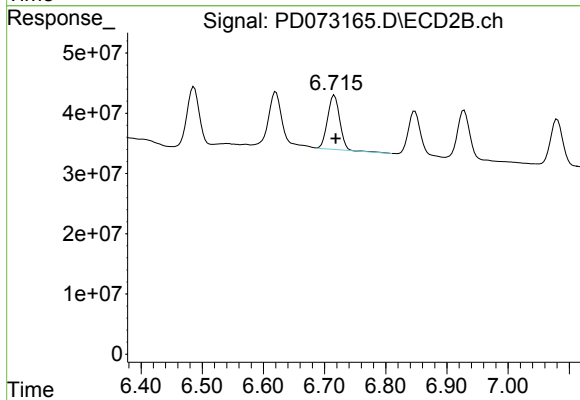
R.T.: 6.486 min
Delta R.T.: -0.002 min
Response: 132672442
Conc: 6.13 ng/ml



#15 Endosulfan II

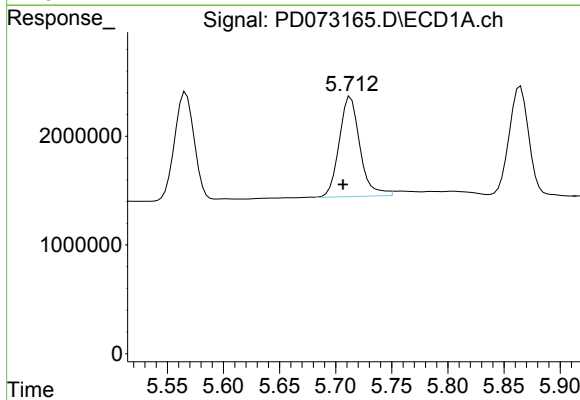
R.T.: 5.863 min
Delta R.T.: 0.005 min
Response: 12049483
Conc: 5.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2022



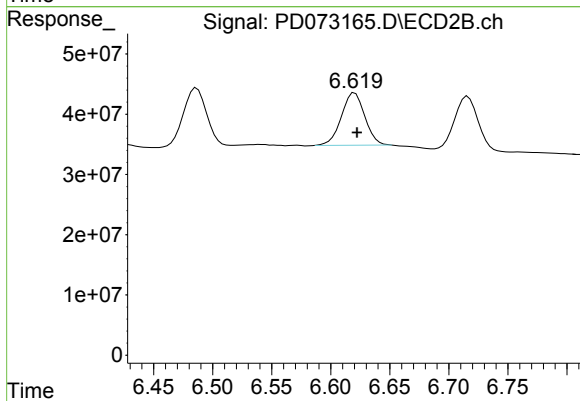
#15 Endosulfan II

R.T.: 6.716 min
Delta R.T.: -0.002 min
Response: 124304632
Conc: 6.34 ng/ml



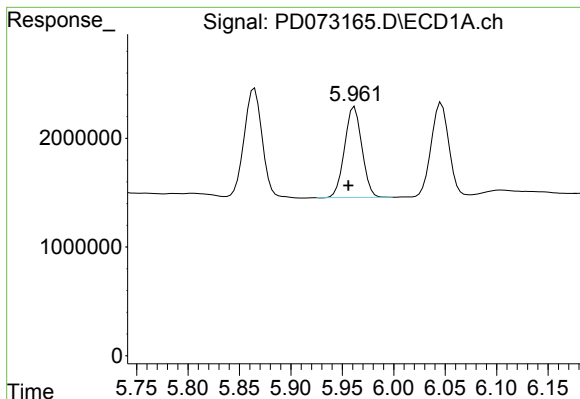
#16 4,4'-DDD

R.T.: 5.712 min
Delta R.T.: 0.005 min
Response: 11843910
Conc: 5.55 ng/ml m



#16 4,4'-DDD

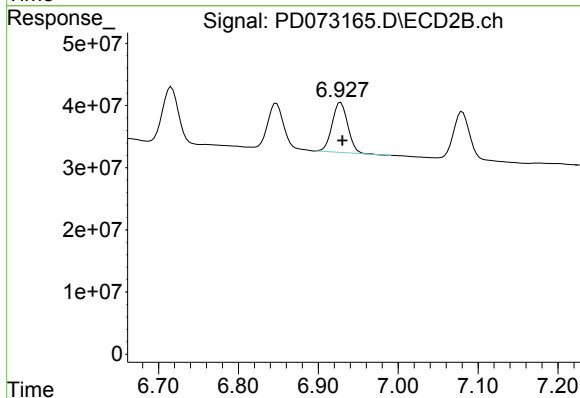
R.T.: 6.619 min
Delta R.T.: -0.003 min
Response: 120033041
Conc: 6.13 ng/ml m



#17 4,4'-DDT

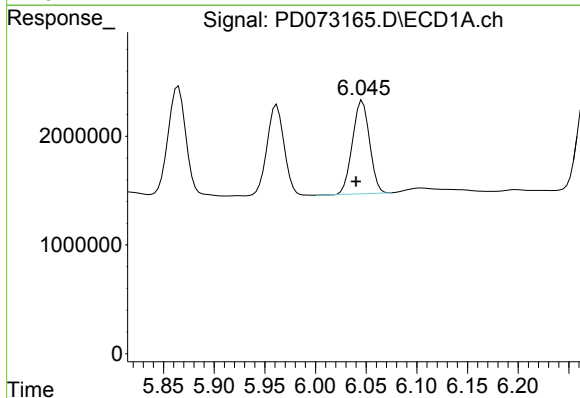
R.T.: 5.962 min
Delta R.T.: 0.006 min
Response: 9797112
Conc: 5.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2022



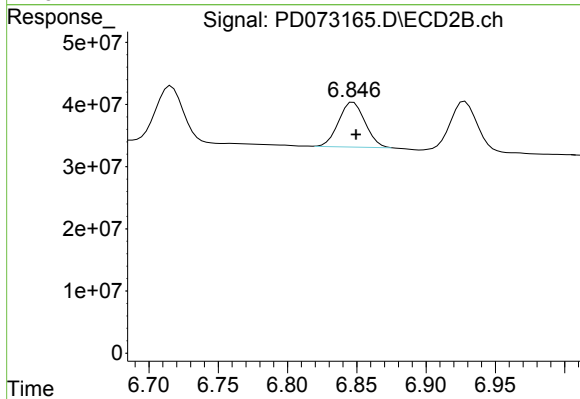
#17 4,4'-DDT

R.T.: 6.928 min
Delta R.T.: -0.002 min
Response: 108871208
Conc: 5.83 ng/ml



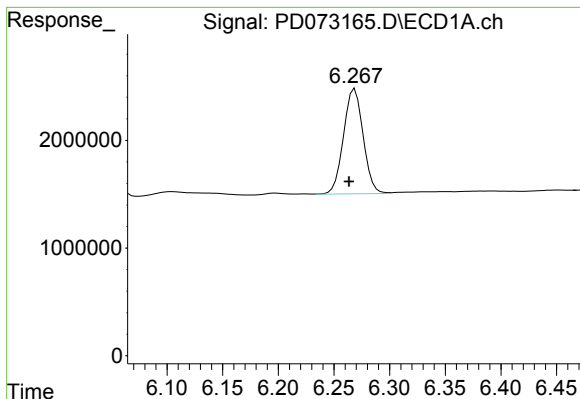
#18 Endrin aldehyde

R.T.: 6.046 min
Delta R.T.: 0.006 min
Response: 10054052
Conc: 5.85 ng/ml



#18 Endrin aldehyde

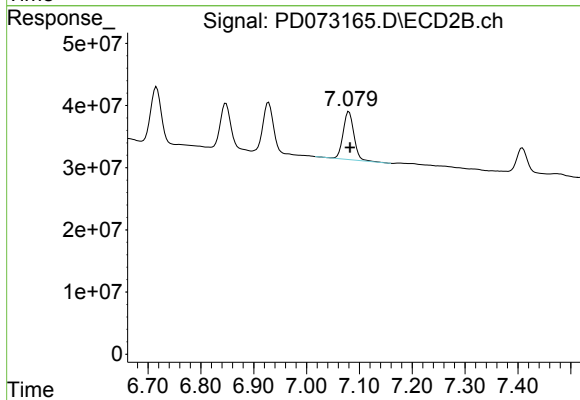
R.T.: 6.846 min
Delta R.T.: -0.003 min
Response: 95962567
Conc: 6.44 ng/ml m



#19 Endosulfan Sulfate

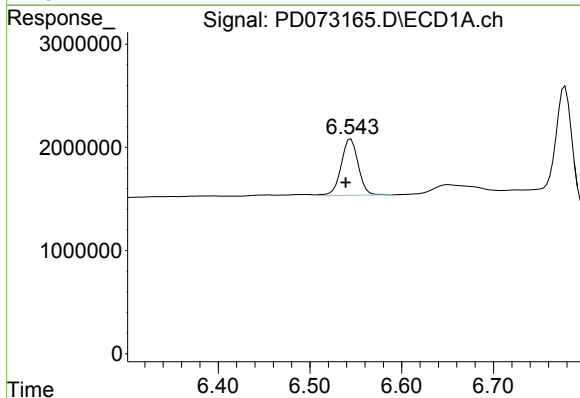
R.T.: 6.269 min
Delta R.T.: 0.005 min
Response: 11969130
Conc: 5.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2022



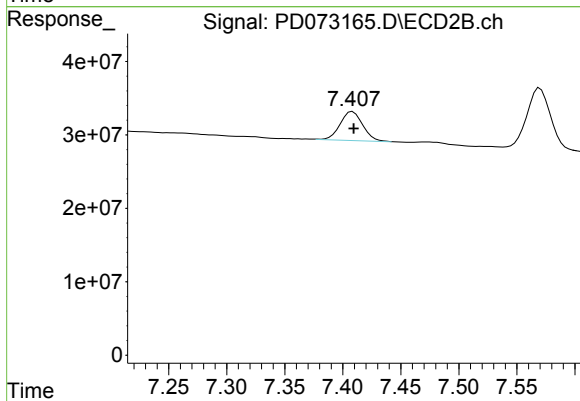
#19 Endosulfan Sulfate

R.T.: 7.080 min
Delta R.T.: -0.002 min
Response: 108555136
Conc: 6.21 ng/ml



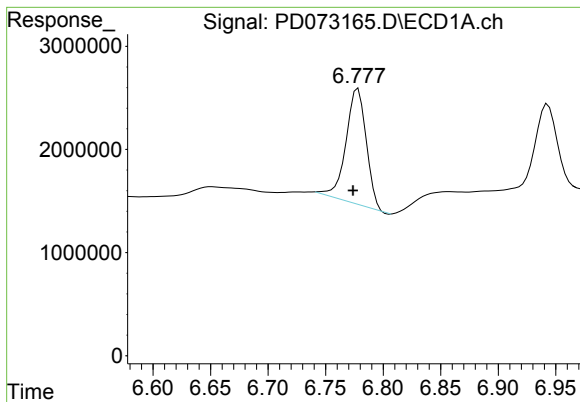
#20 Methoxychlor

R.T.: 6.545 min
Delta R.T.: 0.006 min
Response: 7086193
Conc: 6.16 ng/ml



#20 Methoxychlor

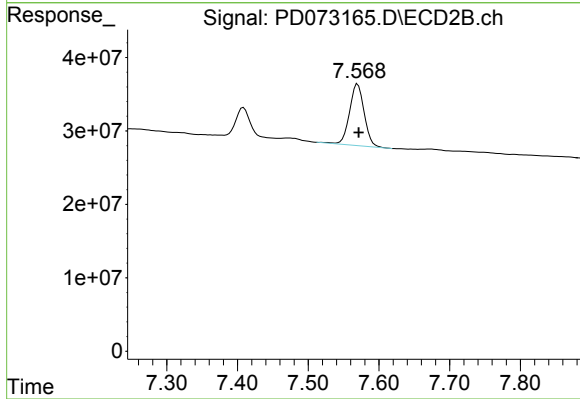
R.T.: 7.407 min
Delta R.T.: -0.002 min
Response: 53947366
Conc: 6.16 ng/ml m



#21 Endrin ketone

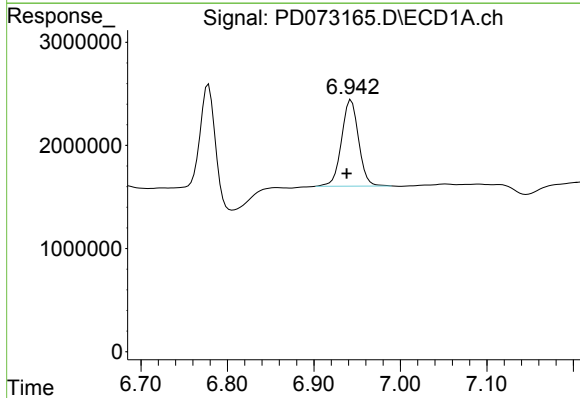
R.T.: 6.778 min
Delta R.T.: 0.004 min
Response: 13890768
Conc: 5.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2022



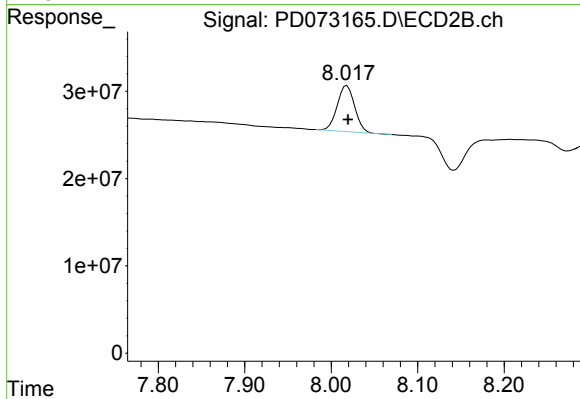
#21 Endrin ketone

R.T.: 7.570 min
Delta R.T.: -0.002 min
Response: 119779388
Conc: 6.42 ng/ml



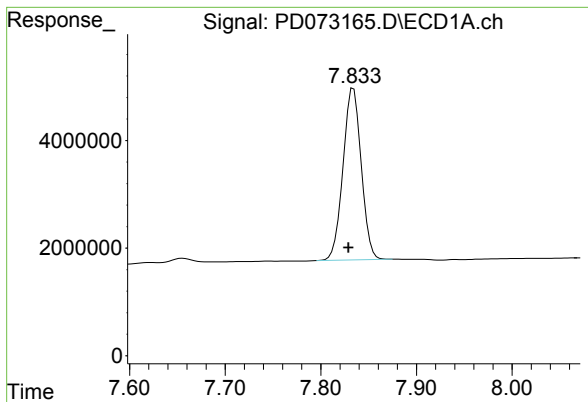
#22 Mirex

R.T.: 6.943 min
Delta R.T.: 0.005 min
Response: 11423358
Conc: 6.22 ng/ml



#22 Mirex

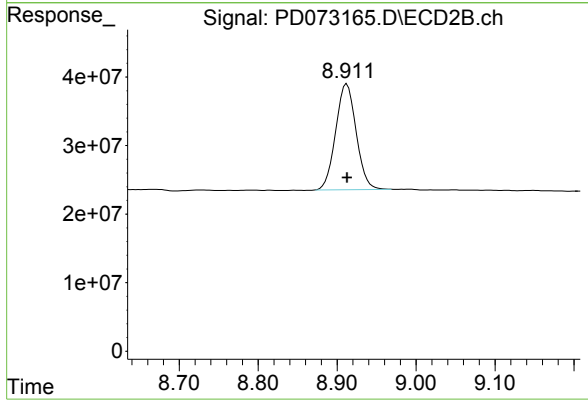
R.T.: 8.018 min
Delta R.T.: -0.001 min
Response: 72986728
Conc: 6.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.834 min
Delta R.T.: 0.005 min
Response: 42412978
Conc: 20.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2022



#28 Decachlorobiphenyl

R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 278829217
Conc: 21.82 ng/ml