

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080422\
 Data File : PD071322.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2022 13:26
 Operator : AR\AJ
 Sample : N3980-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 03:19:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 03:39:07 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...	2.815	3.574	44362795	503.5E6	15.643	17.885
28)	SA Decachlor...	8.016	9.105	46833562	192.4E6	16.886	18.582
Target Compounds							
2)	A alpha-BHC	3.323	4.039	3404346	44219913	0.812m	1.191m#
3)	MA gamma-BHC...	3.659	4.376	3343567	38064278	0.836	1.271 #
4)	MA Heptachlor	4.006	4.954	3522746	30946740	0.831	1.464 #
5)	MB Aldrin	4.290	5.297	3703320	23513403	0.908	1.331 #
6)	B beta-BHC	3.957	4.582	1597851	15247551	0.935	1.287 #
7)	B delta-BHC	4.191	4.830	3252654	24520640	0.829	1.232 #
8)	B Heptachlo...	4.797	5.728	3535578	23489779	0.965	1.797 #
9)	A Endosulfan I	5.172	6.117	3384898	17550101	0.988	1.276 #
10)	B gamma-Chl...	5.051	5.983	3821654	18697885	1.006	1.273 #
11)	B alpha-Chl...	5.116	6.061	3661307	18293616	0.985	1.262 #
12)	B 4,4'-DDE	5.306	6.233	2961551	17436926	0.865	1.220 #
13)	MA Dieldrin	5.439	6.394	3335521	18382181	0.921	1.251 #
14)	MA Endrin	5.717	6.627	3018895	12759810	0.953	1.020
15)	B Endosulfa...	6.012	6.852	3063815	15685583	1.019	1.265
16)	A 4,4'-DDD	5.865	6.757	2893886	14271211	1.015	1.200
17)	MA 4,4'-DDT	6.119	7.069	2213385	13677887	0.750	1.049 #
18)	B Endrin al...	6.193	6.983	2229532	11915736	1.011	1.230
19)	B Endosulfa...	6.417	7.215	3466526	15232143	1.205	1.277
20)	A Methoxychlor	6.700	7.542	1510442	9537856	0.916	1.384m#
21)	B Endrin ke...	6.928	7.708	3809945	18896777	1.170	1.408
22)	Mirex	7.116	8.169	3029740	10076164	1.238	1.171

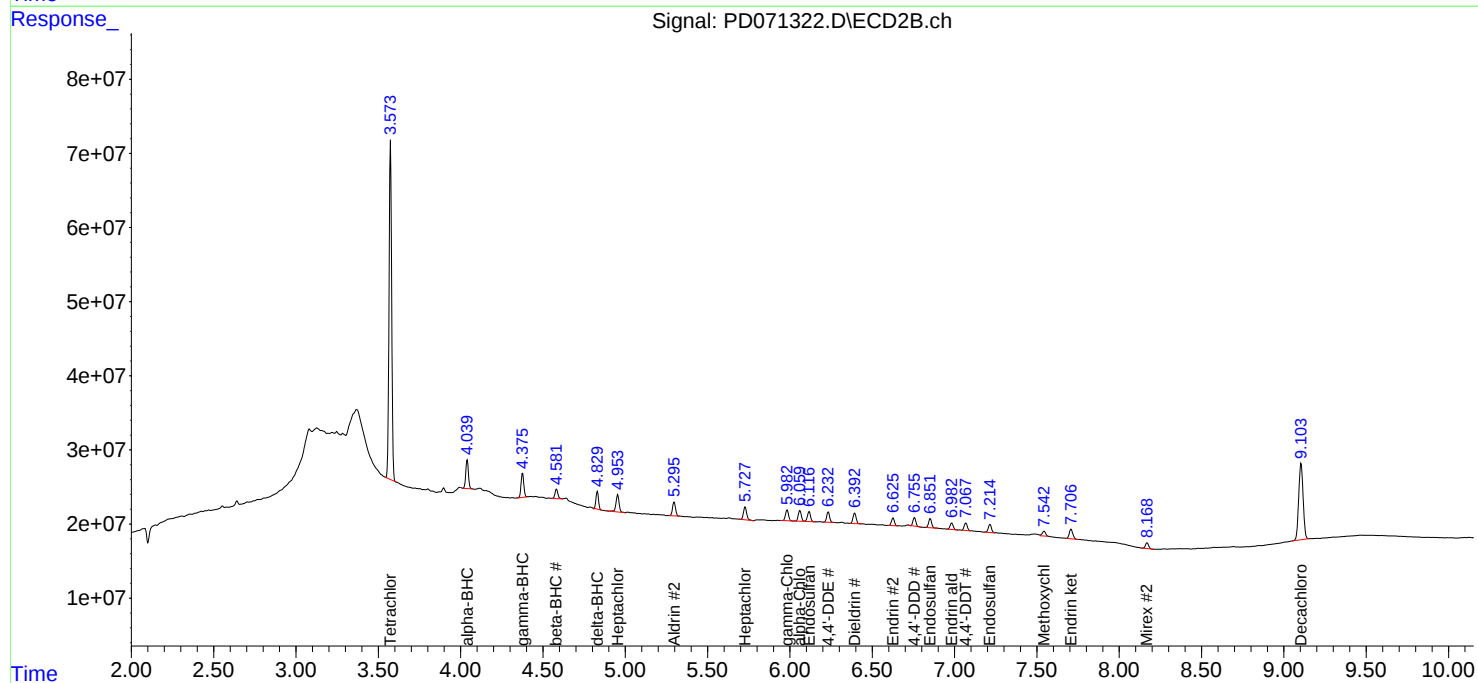
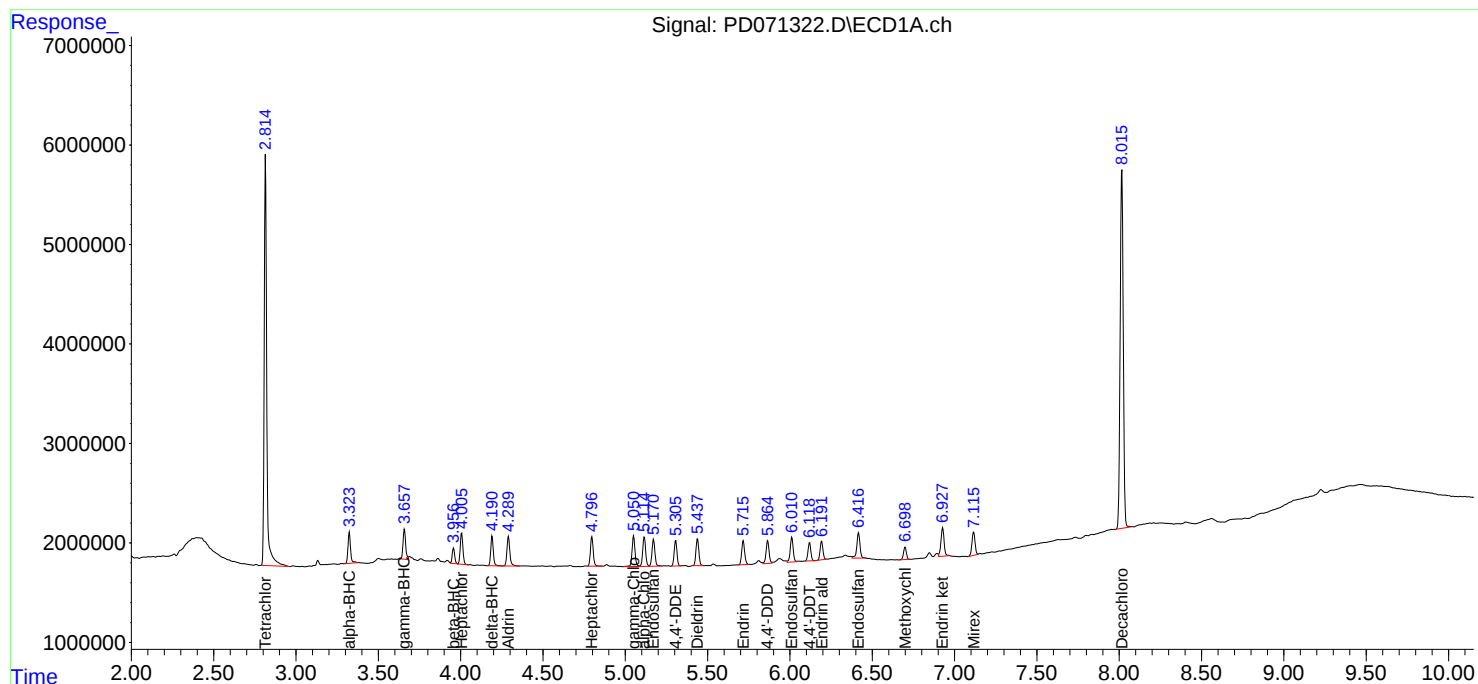
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

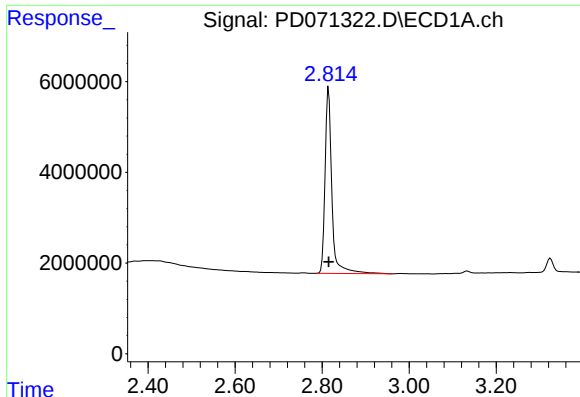
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080422\
Data File : PD071322.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2022 13:26
Operator : AR\AJ
Sample : N3980-01
Misc : PEST LOD 1 PPB
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 03:19:33 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072622.M
Quant Title : GC Extractables
QLast Update : Tue Jul 26 03:39:07 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

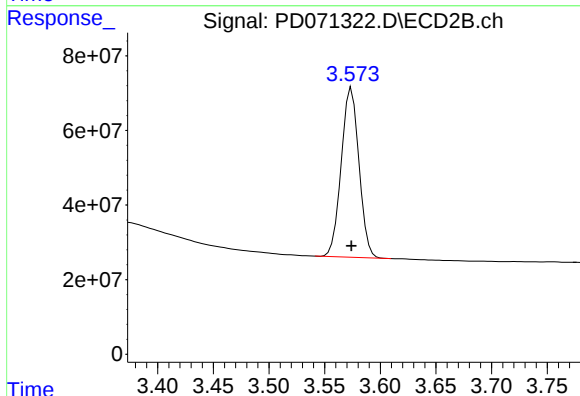




#1 Tetrachloro-m-xylene

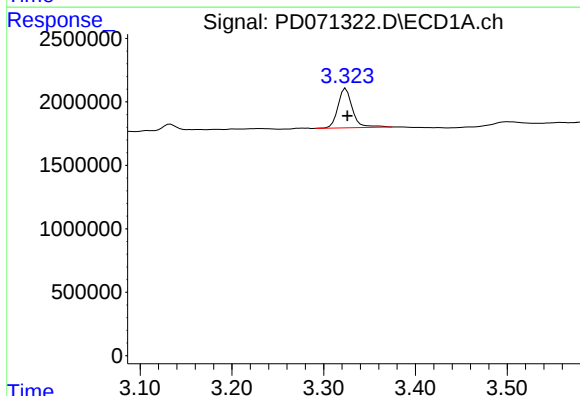
R.T.: 2.815 min
Delta R.T.: 0.000 min
Response: 44362795
Conc: 15.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



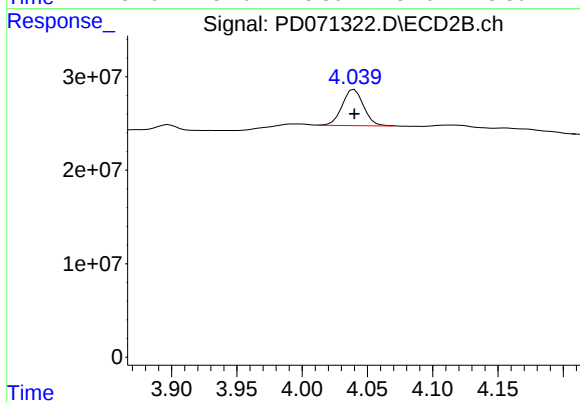
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: 0.000 min
Response: 503458276
Conc: 17.88 ng/ml



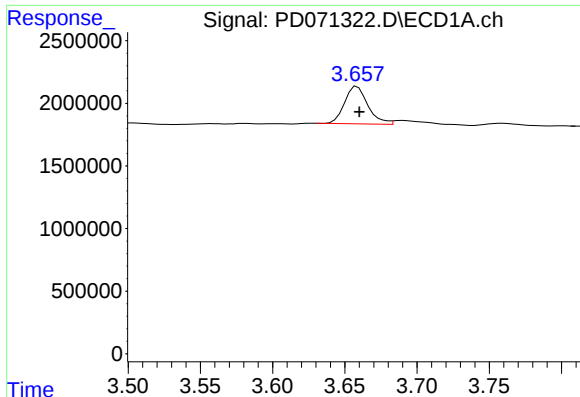
#2 alpha-BHC

R.T.: 3.323 min
Delta R.T.: -0.003 min
Response: 3404346
Conc: 0.81 ng/ml m



#2 alpha-BHC

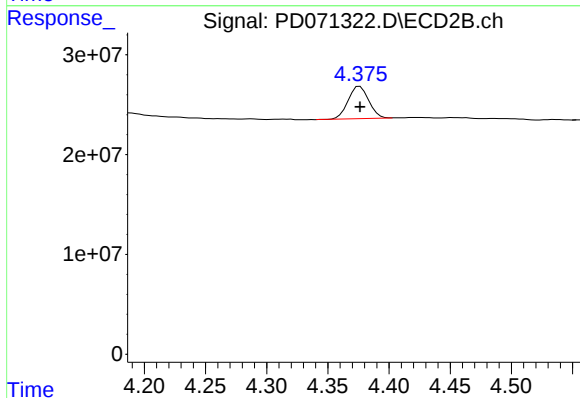
R.T.: 4.039 min
Delta R.T.: -0.002 min
Response: 44219913
Conc: 1.19 ng/ml m



#3 gamma-BHC (Lindane)

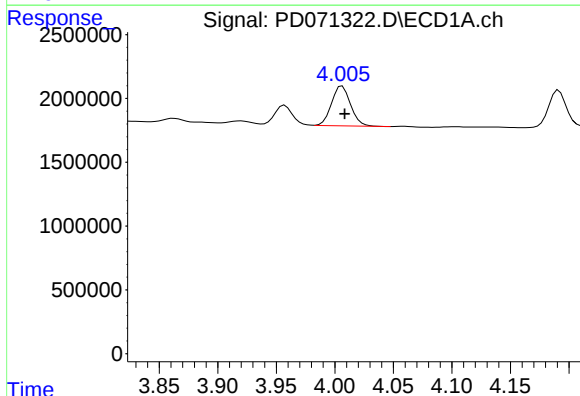
R.T.: 3.659 min
Delta R.T.: -0.001 min
Response: 3343567
Conc: 0.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



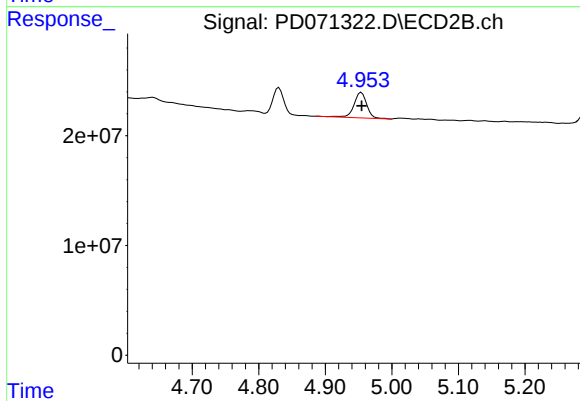
#3 gamma-BHC (Lindane)

R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 38064278
Conc: 1.27 ng/ml



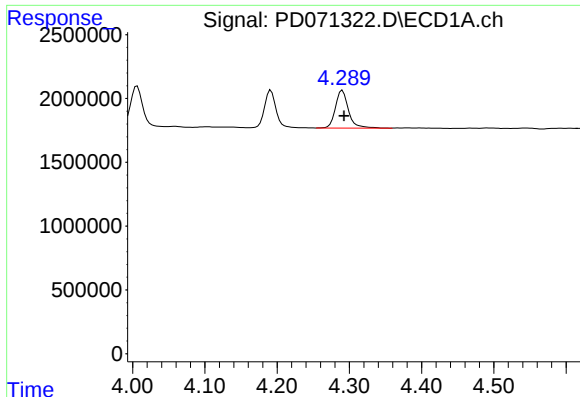
#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: -0.002 min
Response: 3522746
Conc: 0.83 ng/ml



#4 Heptachlor

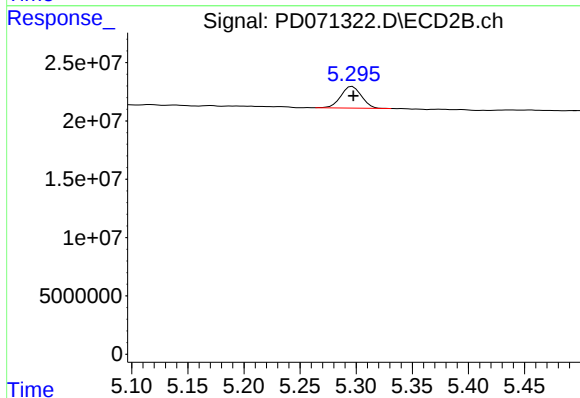
R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 30946740
Conc: 1.46 ng/ml



#5 Aldrin

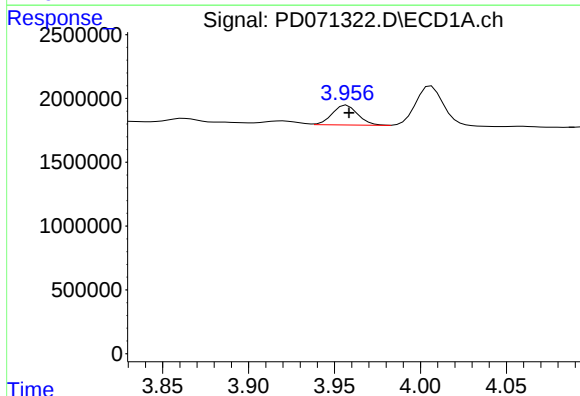
R.T.: 4.290 min
Delta R.T.: -0.002 min
Response: 3703320
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



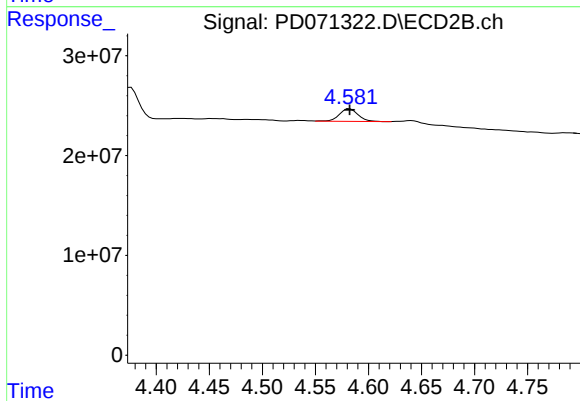
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 23513403
Conc: 1.33 ng/ml



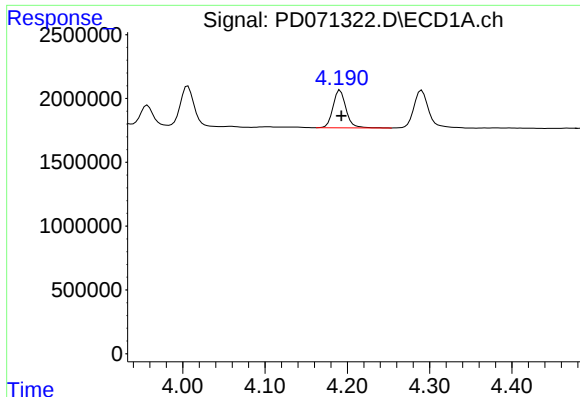
#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: -0.001 min
Response: 1597851
Conc: 0.94 ng/ml



#6 beta-BHC

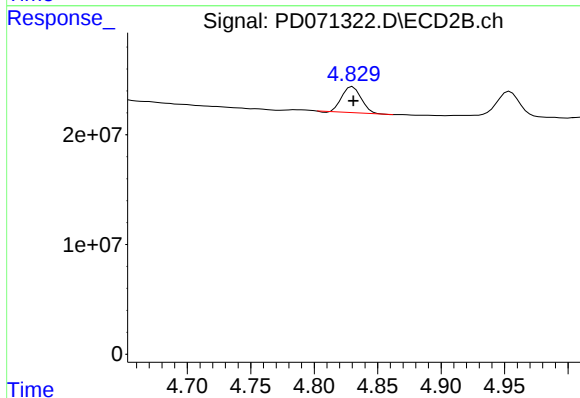
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 15247551
Conc: 1.29 ng/ml



#7 delta-BHC

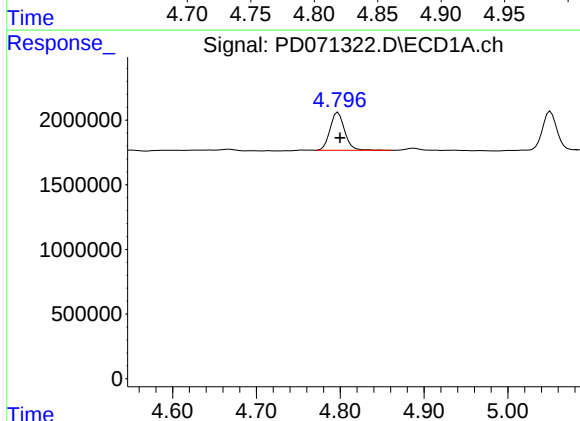
R.T.: 4.191 min
Delta R.T.: -0.002 min
Response: 3252654
Conc: 0.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



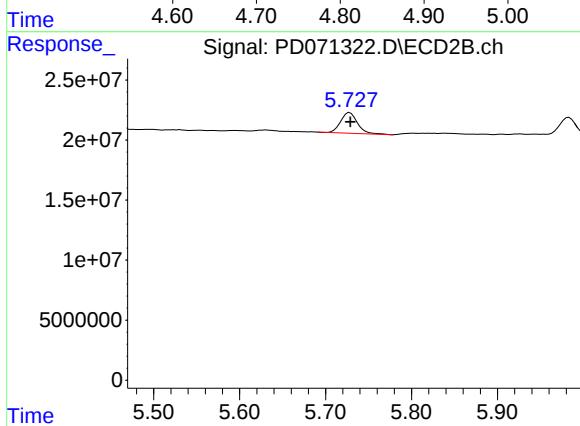
#7 delta-BHC

R.T.: 4.830 min
Delta R.T.: 0.000 min
Response: 24520640
Conc: 1.23 ng/ml



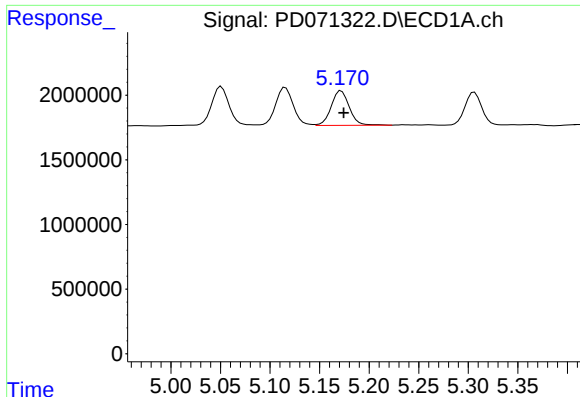
#8 Heptachlor epoxide

R.T.: 4.797 min
Delta R.T.: -0.002 min
Response: 3535578
Conc: 0.97 ng/ml



#8 Heptachlor epoxide

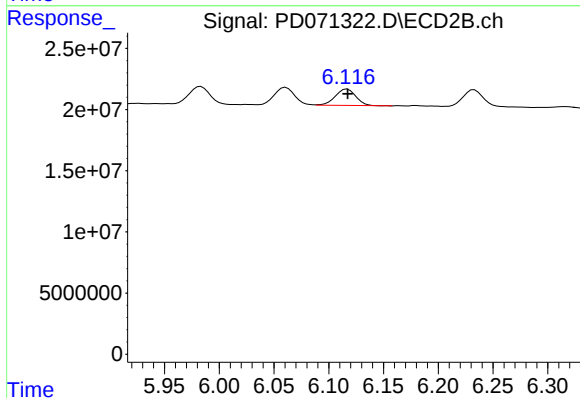
R.T.: 5.728 min
Delta R.T.: -0.001 min
Response: 23489779
Conc: 1.80 ng/ml



#9 Endosulfan I

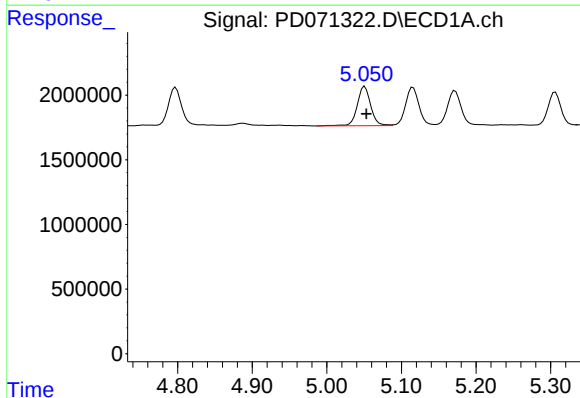
R.T.: 5.172 min
Delta R.T.: -0.002 min
Response: 3384898
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



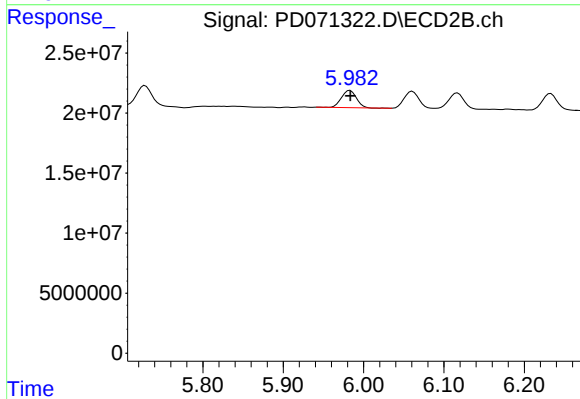
#9 Endosulfan I

R.T.: 6.117 min
Delta R.T.: 0.000 min
Response: 17550101
Conc: 1.28 ng/ml



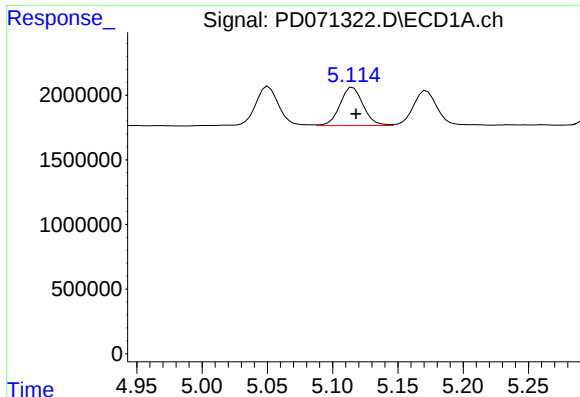
#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.002 min
Response: 3821654
Conc: 1.01 ng/ml



#10 gamma-Chlordane

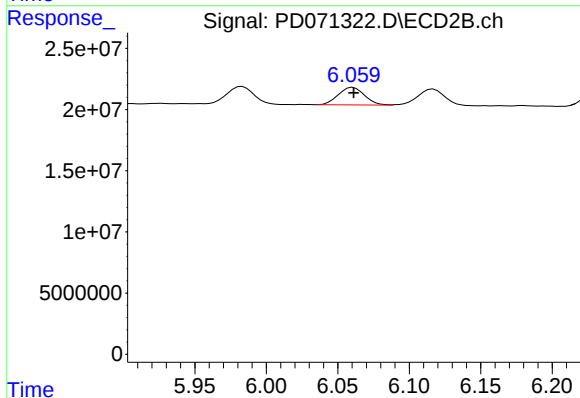
R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 18697885
Conc: 1.27 ng/ml



#11 alpha-Chlordane

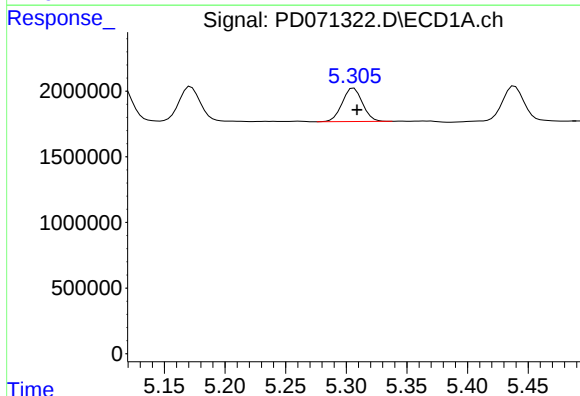
R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 3661307
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



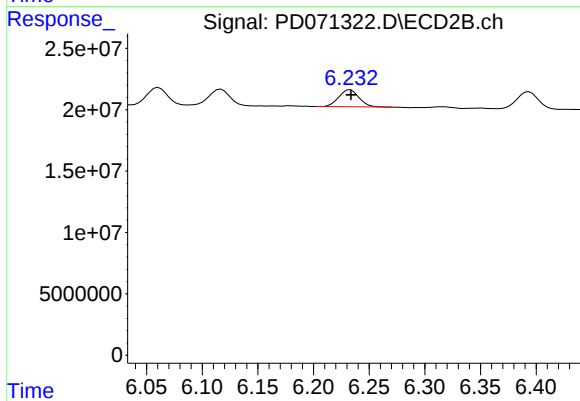
#11 alpha-Chlordane

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 18293616
Conc: 1.26 ng/ml



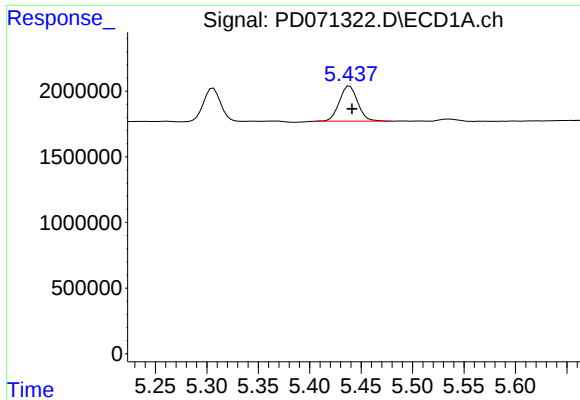
#12 4,4'-DDE

R.T.: 5.306 min
Delta R.T.: -0.002 min
Response: 2961551
Conc: 0.87 ng/ml



#12 4,4'-DDE

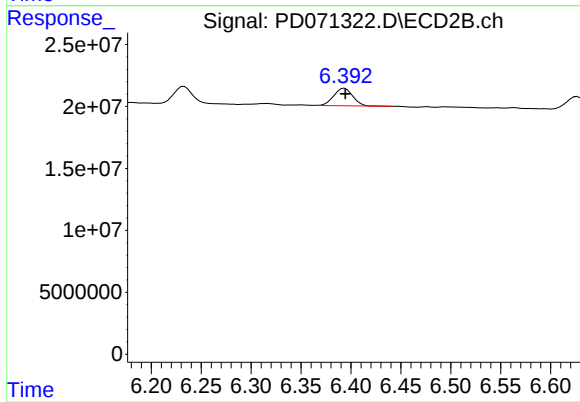
R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 17436926
Conc: 1.22 ng/ml



#13 Dieldrin

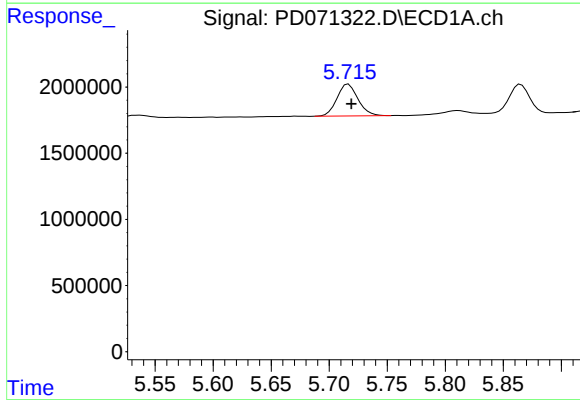
R.T.: 5.439 min
Delta R.T.: -0.002 min
Response: 3335521
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



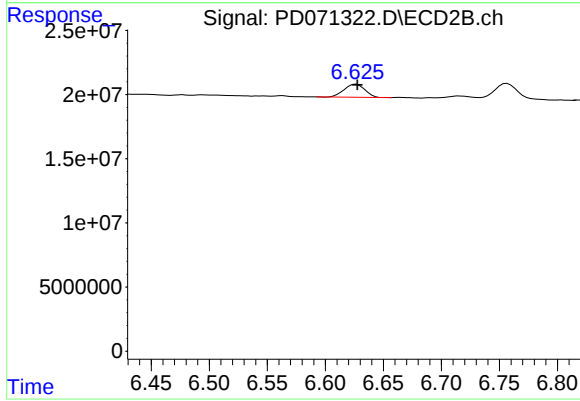
#13 Dieldrin

R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 18382181
Conc: 1.25 ng/ml



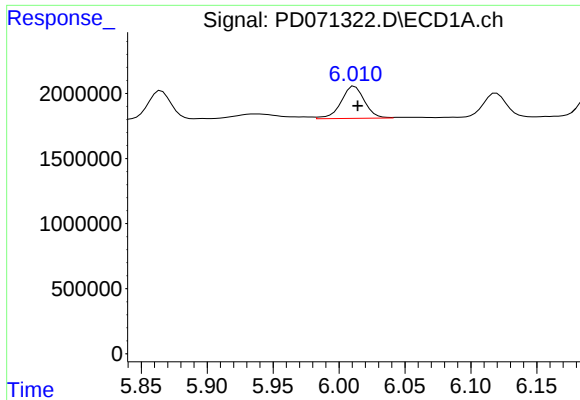
#14 Endrin

R.T.: 5.717 min
Delta R.T.: -0.002 min
Response: 3018895
Conc: 0.95 ng/ml



#14 Endrin

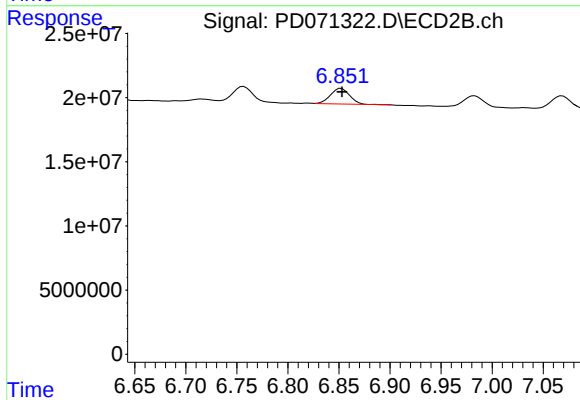
R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 12759810
Conc: 1.02 ng/ml



#15 Endosulfan II

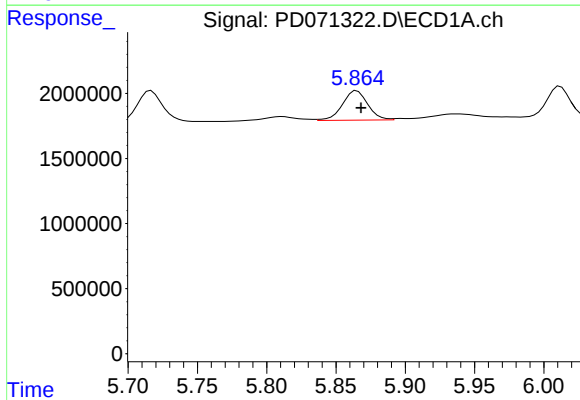
R.T.: 6.012 min
Delta R.T.: -0.002 min
Response: 3063815
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



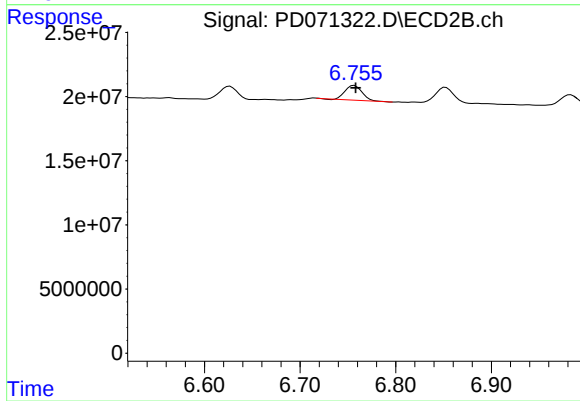
#15 Endosulfan II

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 15685583
Conc: 1.27 ng/ml



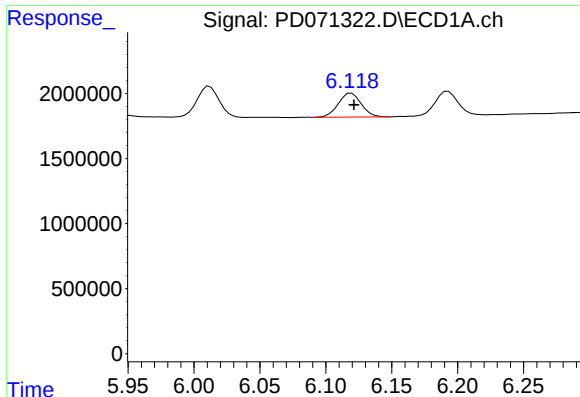
#16 4,4'-DDD

R.T.: 5.865 min
Delta R.T.: -0.003 min
Response: 2893886
Conc: 1.02 ng/ml



#16 4,4'-DDD

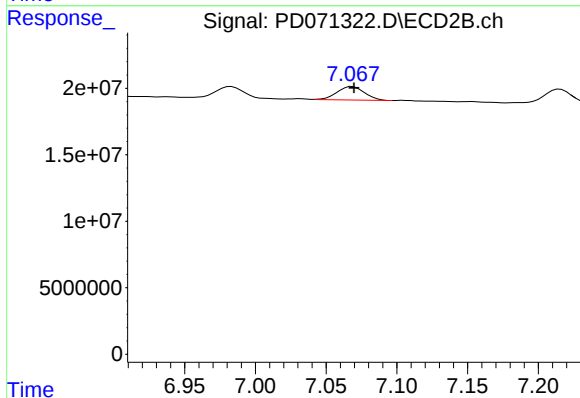
R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 14271211
Conc: 1.20 ng/ml



#17 4,4'-DDT

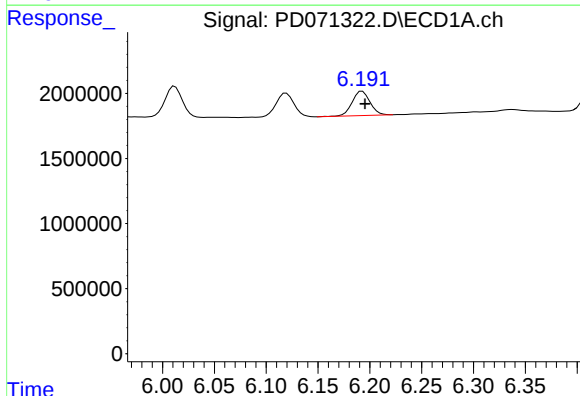
R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 2213385
Conc: 0.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



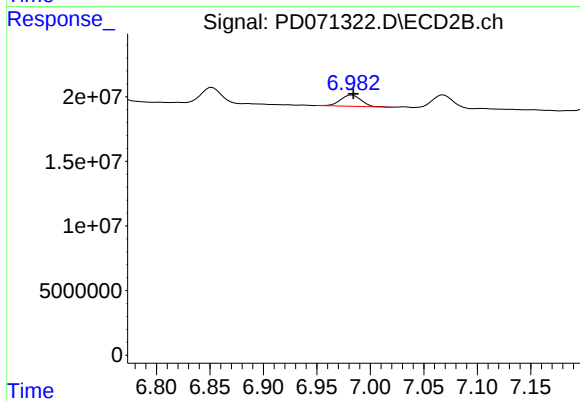
#17 4,4'-DDT

R.T.: 7.069 min
Delta R.T.: -0.001 min
Response: 13677887
Conc: 1.05 ng/ml



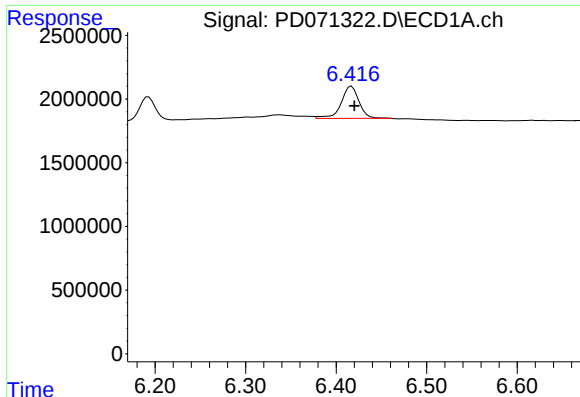
#18 Endrin aldehyde

R.T.: 6.193 min
Delta R.T.: -0.003 min
Response: 2229532
Conc: 1.01 ng/ml



#18 Endrin aldehyde

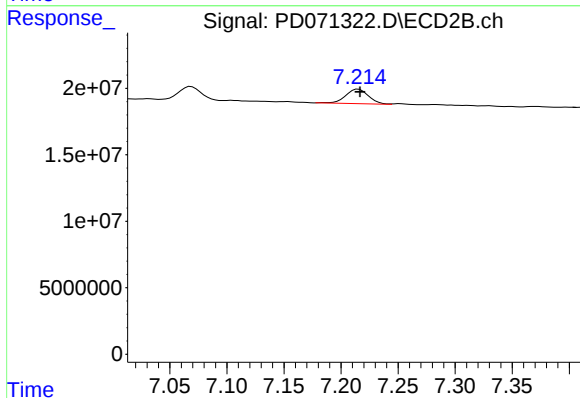
R.T.: 6.983 min
Delta R.T.: -0.001 min
Response: 11915736
Conc: 1.23 ng/ml



#19 Endosulfan Sulfate

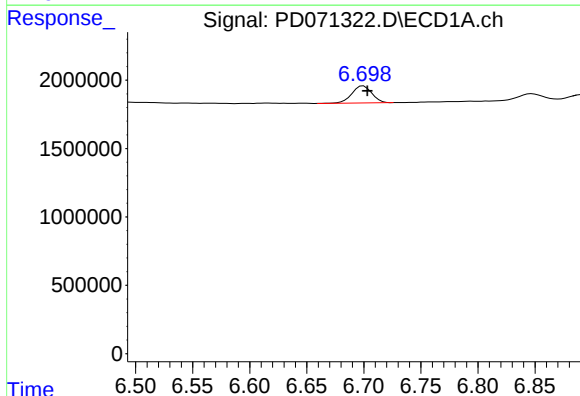
R.T.: 6.417 min
Delta R.T.: -0.003 min
Response: 3466526
Conc: 1.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



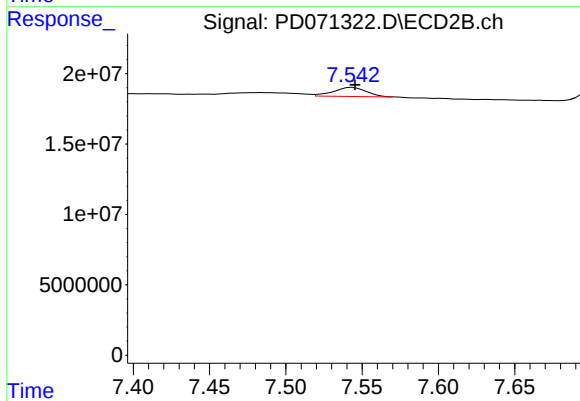
#19 Endosulfan Sulfate

R.T.: 7.215 min
Delta R.T.: -0.001 min
Response: 15232143
Conc: 1.28 ng/ml



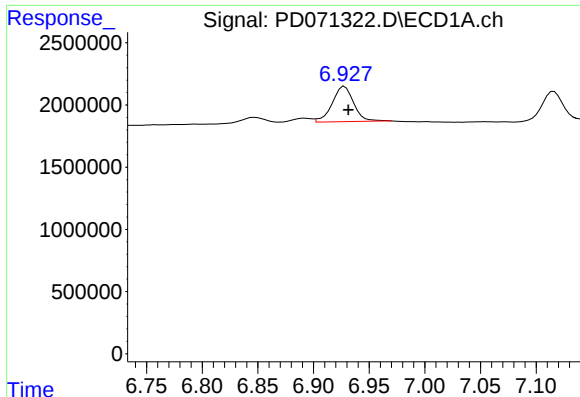
#20 Methoxychlor

R.T.: 6.700 min
Delta R.T.: -0.003 min
Response: 1510442
Conc: 0.92 ng/ml



#20 Methoxychlor

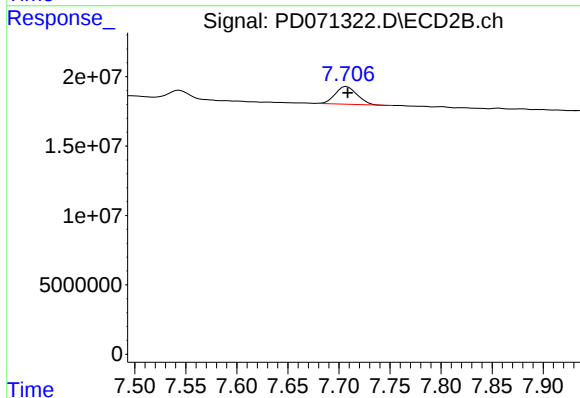
R.T.: 7.542 min
Delta R.T.: -0.003 min
Response: 9537856
Conc: 1.38 ng/ml m



#21 Endrin ketone

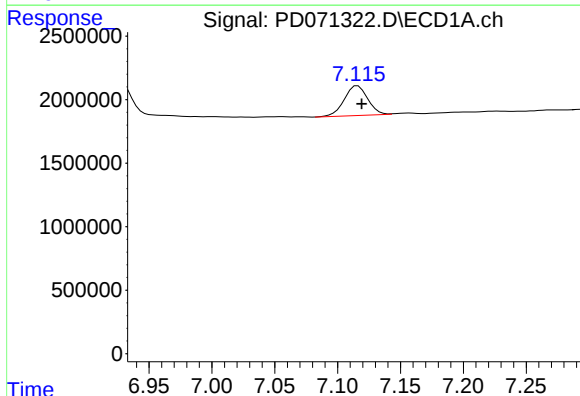
R.T.: 6.928 min
Delta R.T.: -0.003 min
Response: 3809945
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



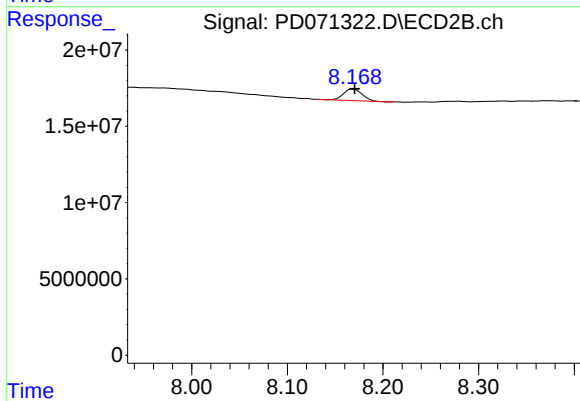
#21 Endrin ketone

R.T.: 7.708 min
Delta R.T.: 0.000 min
Response: 18896777
Conc: 1.41 ng/ml



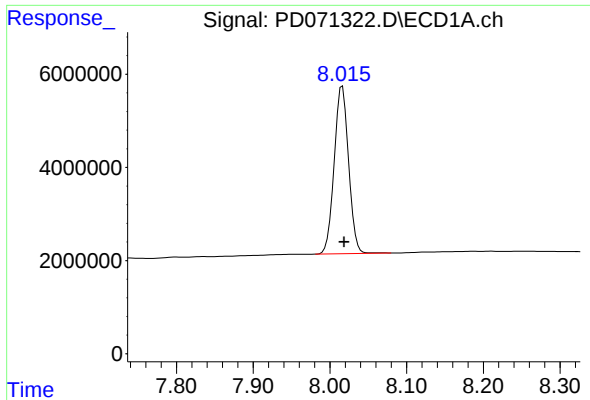
#22 Mirex

R.T.: 7.116 min
Delta R.T.: -0.003 min
Response: 3029740
Conc: 1.24 ng/ml



#22 Mirex

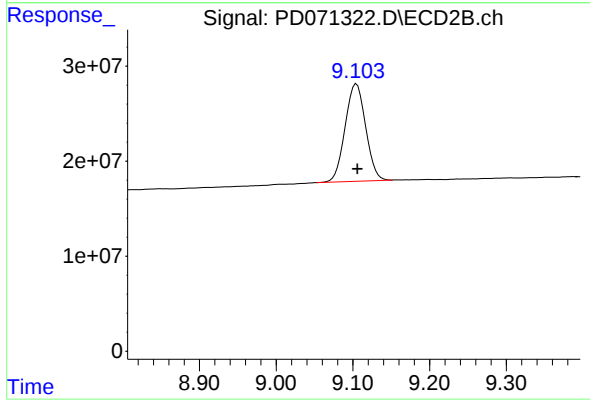
R.T.: 8.169 min
Delta R.T.: -0.001 min
Response: 10076164
Conc: 1.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.016 min
Delta R.T.: -0.002 min
Response: 46833562
Conc: 16.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



#28 Decachlorobiphenyl

R.T.: 9.105 min
Delta R.T.: -0.001 min
Response: 192370028
Conc: 18.58 ng/ml