

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090121\
 Data File : PD065493.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Aug 2021 11:15
 Operator : AR\AJ
 Sample : M3263-03
 Misc : TOX MDL 100 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-QT4-2021-07

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 07:32:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082921CLP.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 28 03:49:37 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 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...	3.496	4.014	20959070	148.8E6	18.540	18.366
27)	SA Decachlor...	8.242	9.088	50819652	187.6E6	35.178	36.272
Target Compounds							
2)	A alpha-BHC	3.931	0.000	416835	0	0.271	N.D. #
3)	MA gamma-BHC...	4.227	0.000	1816558	0	1.110	N.D. #
4)	MA Heptachlor	0.000	5.173f	0	356408	N.D.	<MDL
5)	MB Aldrin	4.767	5.489	27488	39744	<MDL	<MDL #
7)	B delta-BHC	0.000	5.098	0	878546	N.D.	<MDL
8)	B Heptachlo...	5.203	5.870	259072	508488	0.192	<MDL #
9)	A Endosulfan I	5.554	6.227	100259	1303203	<MDL	0.176 #
10)	B trans-Chl...	5.429	6.105	239556	1007193	0.175	0.124 #
11)	B cis-Chlor...	5.457	6.175	959005	314165	0.705	<MDL #
12)	B 4,4'-DDE	5.654	6.347	342789	1971423	0.274	0.266
13)	MA Dieldrin	5.779	6.497	280859	-38915	0.210	N.D. #
14)	MA Endrin	6.048	6.735	895842	1348979	0.736	0.213 #
15)	B Endosulfa...	6.352	6.902f	2363912	6729795	1.877	1.038 #
16)	A 4,4'-DDD	6.160	6.853	312011	1593632	0.284	0.265
17)	MA 4,4'-DDT	6.401	7.184f	596228	11533587	0.497	1.891 #
18)	B Endrin al...	6.502	7.072	66242	186805	<MDL	<MDL #
19)	B Endosulfa...	6.701	7.270	265808	11349446	0.208	1.826 #
20)	A Methoxychlor	6.950	7.552f	934939	1358880	1.430	0.466 #
21)	B Endrin ke...	7.259f	7.740	590447	630393	0.380	<MDL #
22)	Toxaphene-1	5.749	6.408	979631	4154818	112.190	120.473
23)	Toxaphene-2	6.233	6.702	1143086	4051507	115.156	107.179
24)	Toxaphene-3	6.352	7.184	2363912	11533587	107.864	107.990
25)	Toxaphene-4	6.597	7.270	2751934	11349446	114.964	106.245
26)	Toxaphene-5	7.084	7.689	3126255	8853991	114.512	106.097

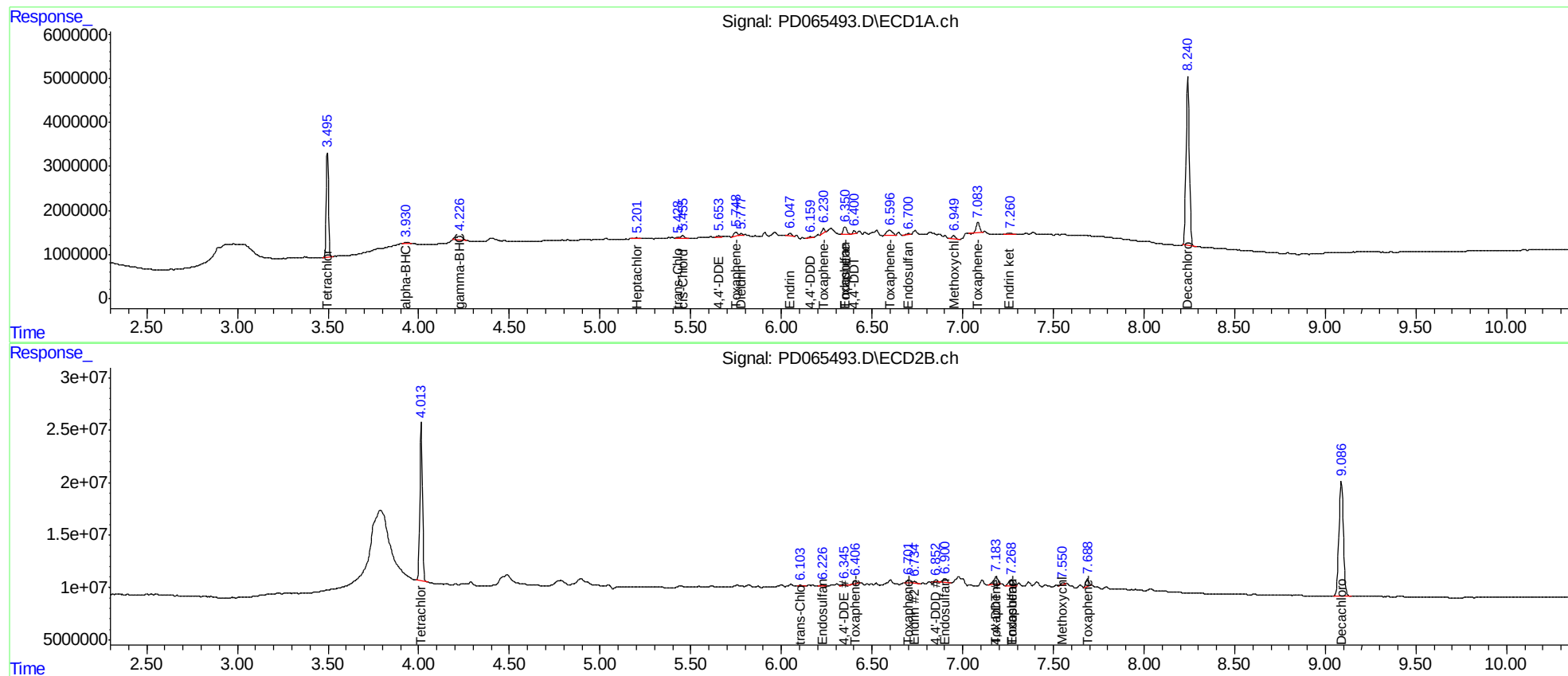
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

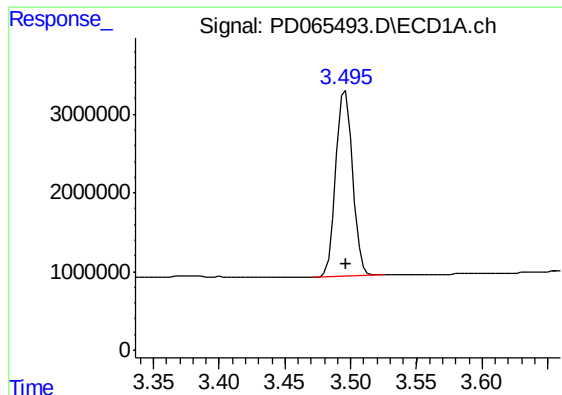
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090121\
Data File : PD065493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Aug 2021 11:15
Operator : AR\AJ
Sample : M3263-03
Misc : TOX MDL 100 PPB
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampled :
MDL-SOIL-QT4-2021-07

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 01 07:32:09 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082921CLP.M
Quant Title : GC Extractables
QLast Update : Sat Aug 28 03:49:37 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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

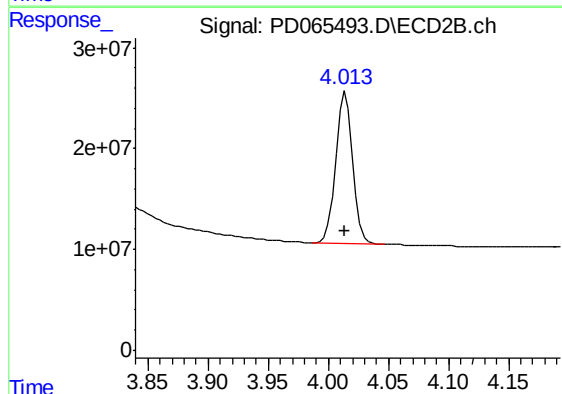




#1 Tetrachloro-m-xylene

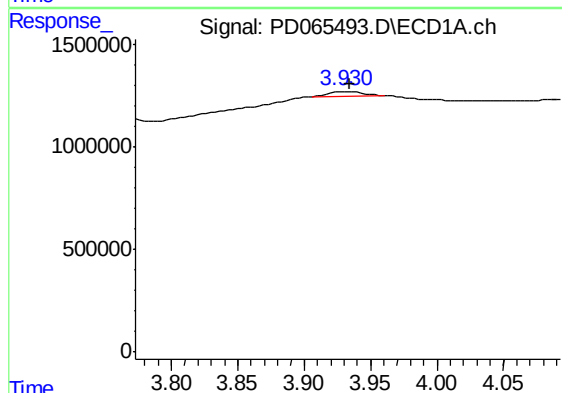
R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 20959070
Conc: 18.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



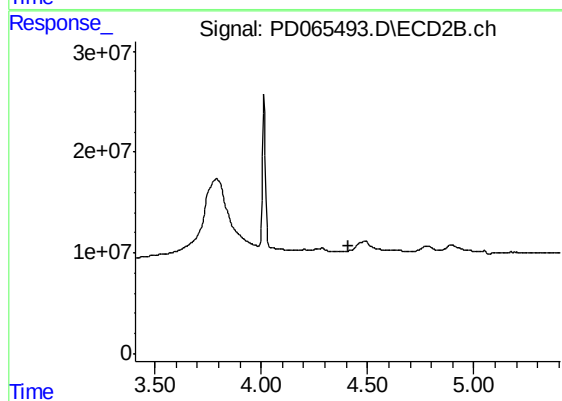
#1 Tetrachloro-m-xylene

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 148783675
Conc: 18.37 ng/ml



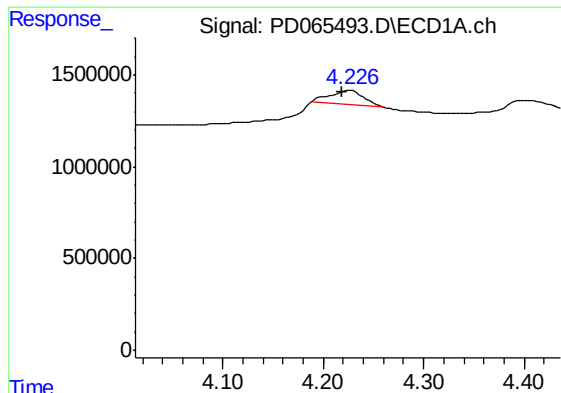
#2 alpha-BHC

R.T.: 3.931 min
Delta R.T.: -0.004 min
Response: 416835
Conc: 0.27 ng/ml



#2 alpha-BHC

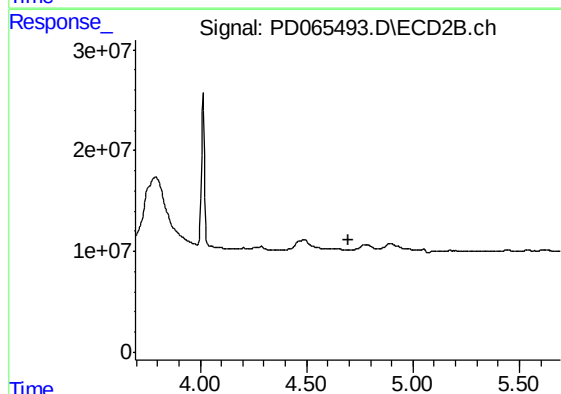
R.T.: 0.000 min
Exp R.T. : 4.409 min
Response: 0
Conc: N.D.



#3 gamma-BHC (Lindane)

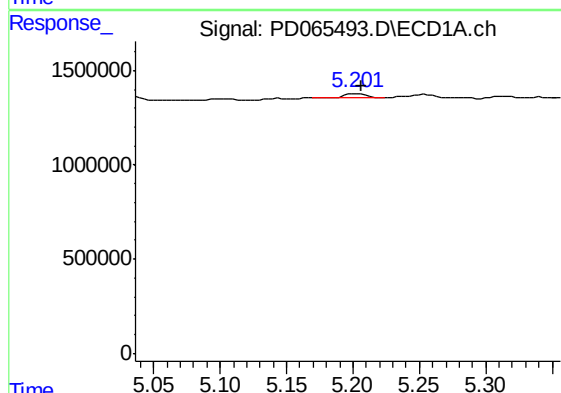
R.T.: 4.227 min
Delta R.T.: 0.008 min
Response: 1816558
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



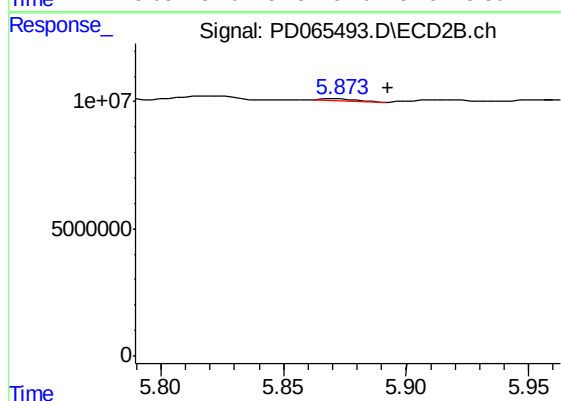
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T. : 4.695 min
Response: 0
Conc: N.D.



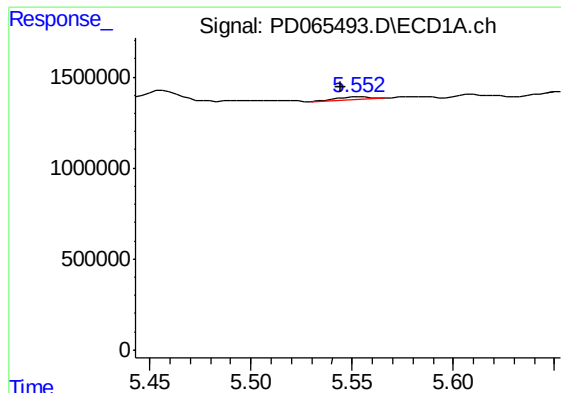
#8 Heptachlor epoxide

R.T.: 5.203 min
Delta R.T.: -0.004 min
Response: 259072
Conc: 0.19 ng/ml



#8 Heptachlor epoxide

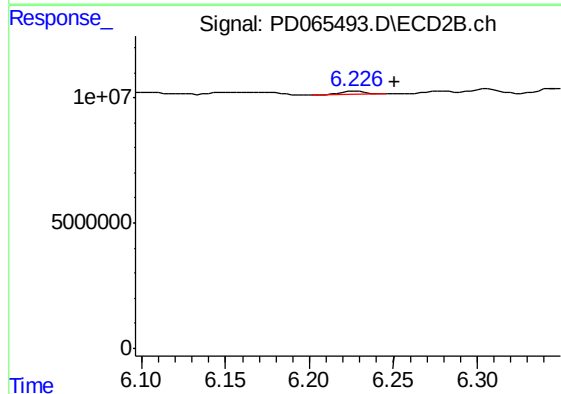
R.T.: 5.870 min
Delta R.T.: -0.022 min
Response: 508488
Conc: N.D.



#9 Endosulfan I

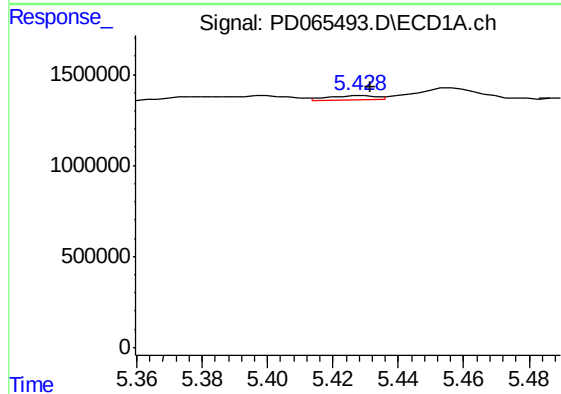
R.T.: 5.554 min
Delta R.T.: 0.009 min
Response: 100259
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



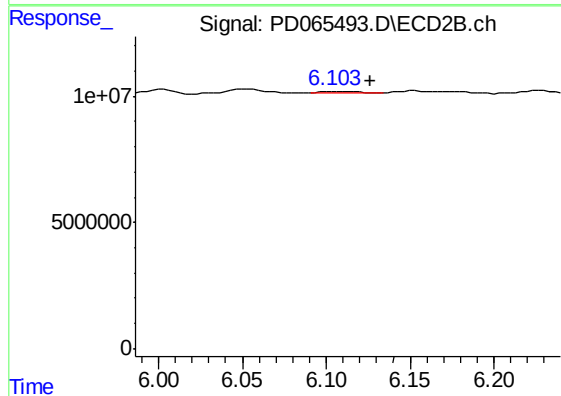
#9 Endosulfan I

R.T.: 6.227 min
Delta R.T.: -0.023 min
Response: 1303203
Conc: 0.18 ng/ml



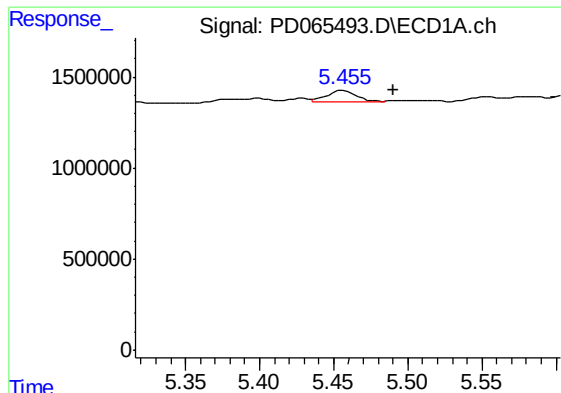
#10 trans-Chlordane

R.T.: 5.429 min
Delta R.T.: -0.002 min
Response: 239556
Conc: 0.17 ng/ml



#10 trans-Chlordane

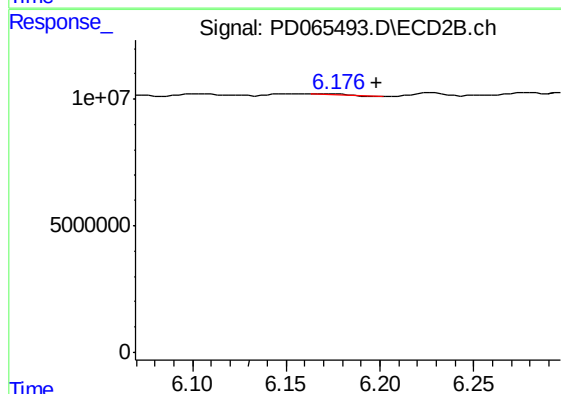
R.T.: 6.105 min
Delta R.T.: -0.022 min
Response: 1007193
Conc: 0.12 ng/ml



#11 cis-Chlordane

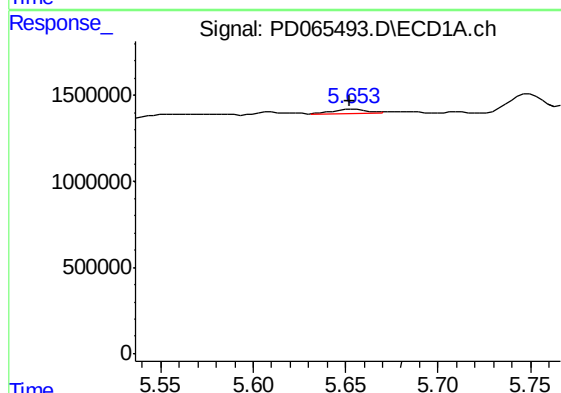
R.T.: 5.457 min
Delta R.T.: -0.033 min
Response: 959005
Conc: 0.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



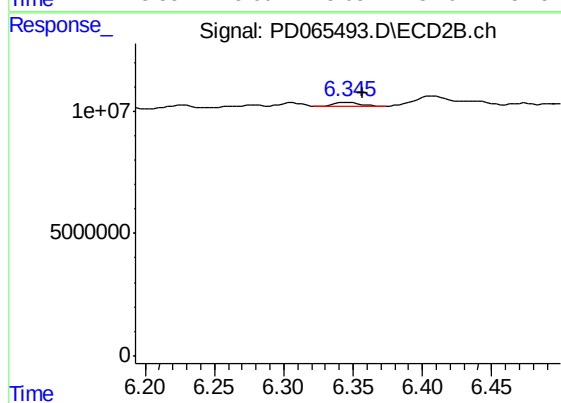
#11 cis-Chlordane

R.T.: 6.175 min
Delta R.T.: -0.023 min
Response: 314165
Conc: N.D.



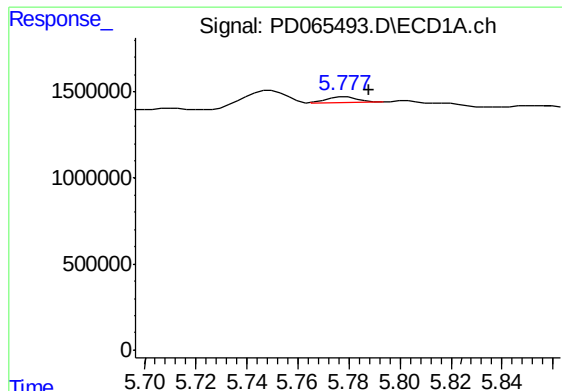
#12 4,4'-DDE

R.T.: 5.654 min
Delta R.T.: 0.002 min
Response: 342789
Conc: 0.27 ng/ml



#12 4,4'-DDE

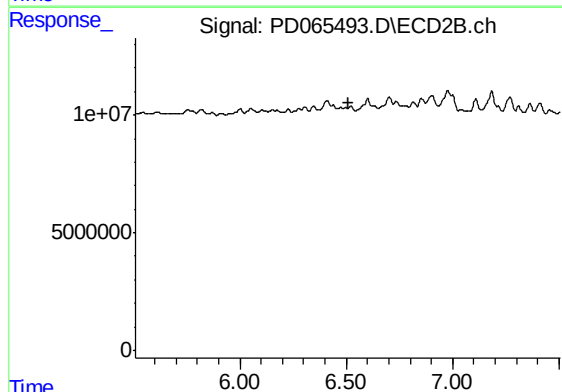
R.T.: 6.347 min
Delta R.T.: -0.010 min
Response: 1971423
Conc: 0.27 ng/ml



#13 Dieldrin

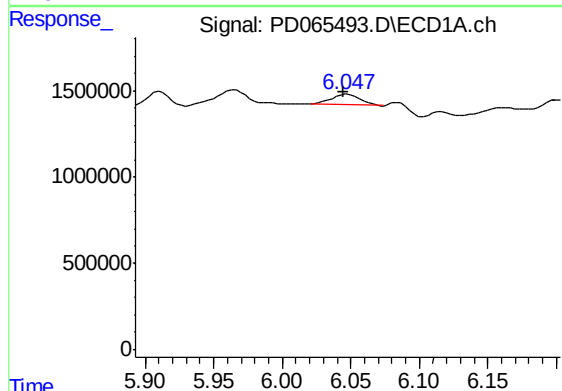
R.T.: 5.779 min
Delta R.T.: -0.009 min
Response: 280859
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



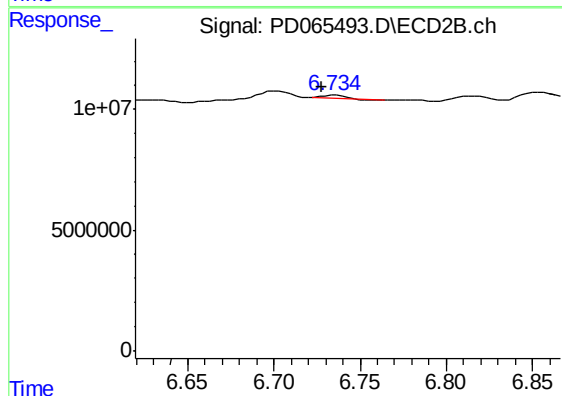
#13 Dieldrin

R.T.: 6.497 min
Delta R.T.: -0.012 min
Response: -38915
Conc: N.D.



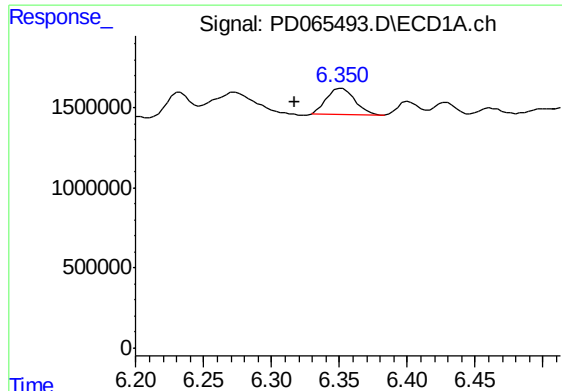
#14 Endrin

R.T.: 6.048 min
Delta R.T.: 0.003 min
Response: 895842
Conc: 0.74 ng/ml



#14 Endrin

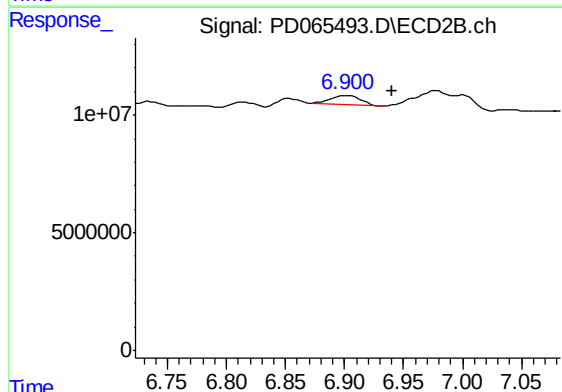
R.T.: 6.735 min
Delta R.T.: 0.008 min
Response: 1348979
Conc: 0.21 ng/ml



#15 Endosulfan II

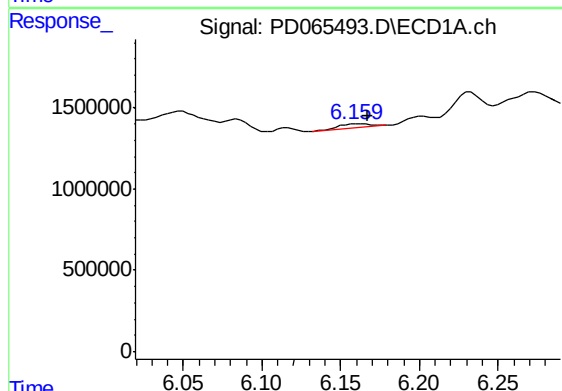
R.T.: 6.352 min
Delta R.T.: 0.035 min
Response: 2363912
Conc: 1.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



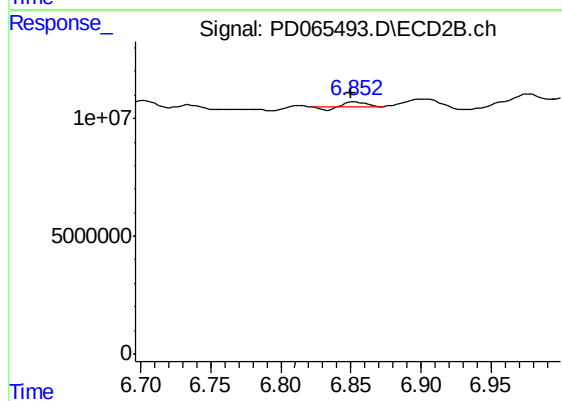
#15 Endosulfan II

R.T.: 6.902 min
Delta R.T.: -0.039 min
Response: 6729795
Conc: 1.04 ng/ml



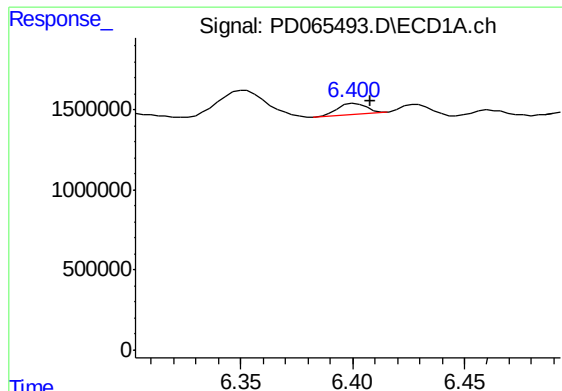
#16 4,4'-DDD

R.T.: 6.160 min
Delta R.T.: -0.007 min
Response: 312011
Conc: 0.28 ng/ml



#16 4,4'-DDD

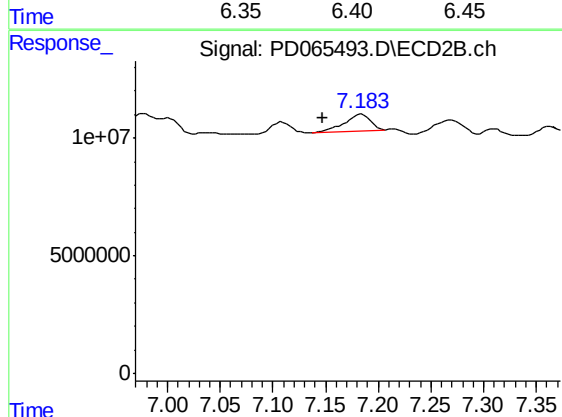
R.T.: 6.853 min
Delta R.T.: 0.003 min
Response: 1593632
Conc: 0.26 ng/ml



#17 4,4'-DDT

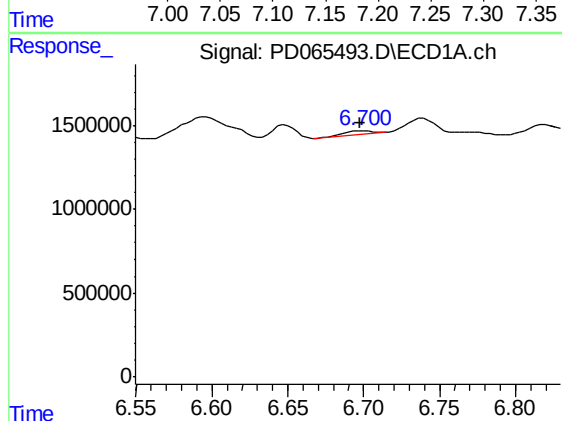
R.T.: 6.401 min
Delta R.T.: -0.006 min
Response: 596228
Conc: 0.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



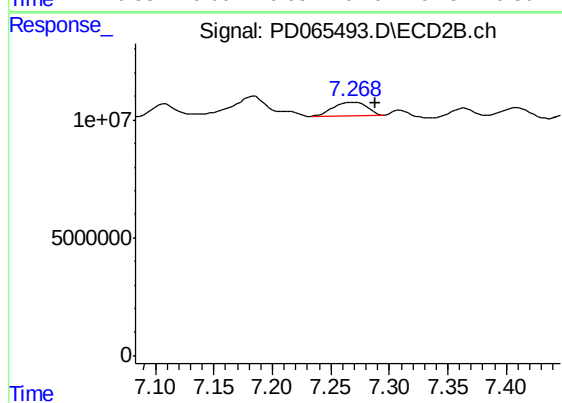
#17 4,4'-DDT

R.T.: 7.184 min
Delta R.T.: 0.037 min
Response: 11533587
Conc: 1.89 ng/ml



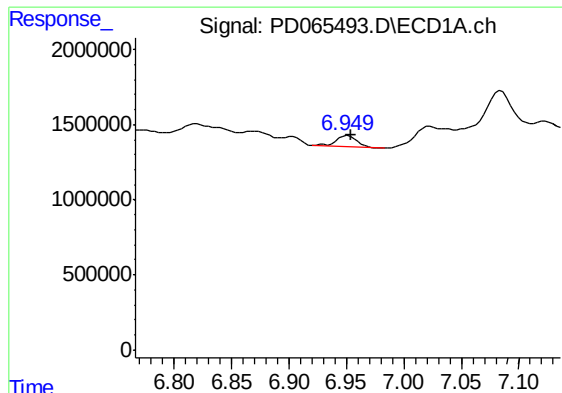
#19 Endosulfan Sulfate

R.T.: 6.701 min
Delta R.T.: 0.003 min
Response: 265808
Conc: 0.21 ng/ml



#19 Endosulfan Sulfate

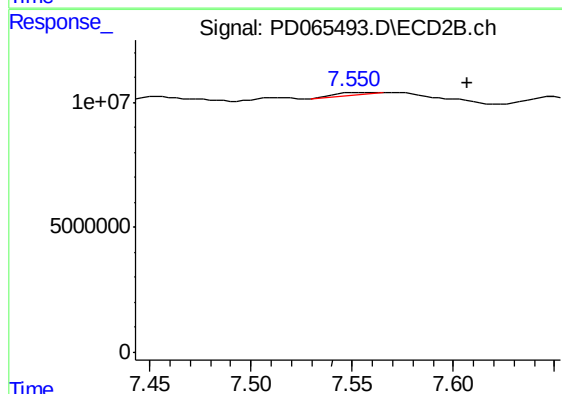
R.T.: 7.270 min
Delta R.T.: -0.018 min
Response: 11349446
Conc: 1.83 ng/ml



#20 Methoxychlor

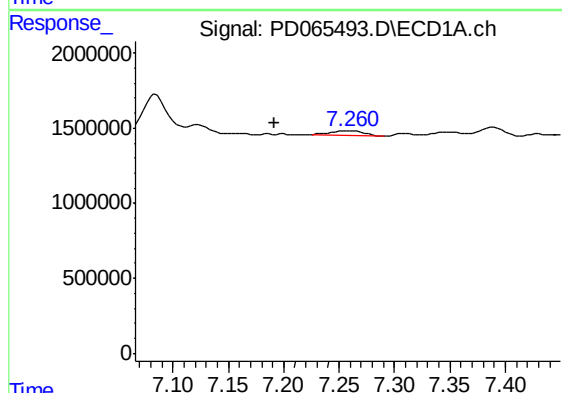
R.T.: 6.950 min
Delta R.T.: -0.003 min
Response: 934939
Conc: 1.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



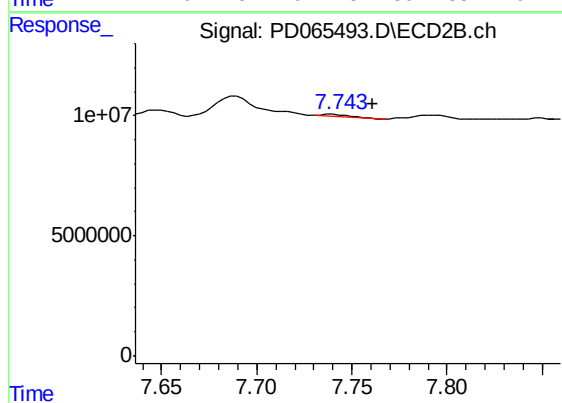
#20 Methoxychlor

R.T.: 7.552 min
Delta R.T.: -0.055 min
Response: 1358880
Conc: 0.47 ng/ml



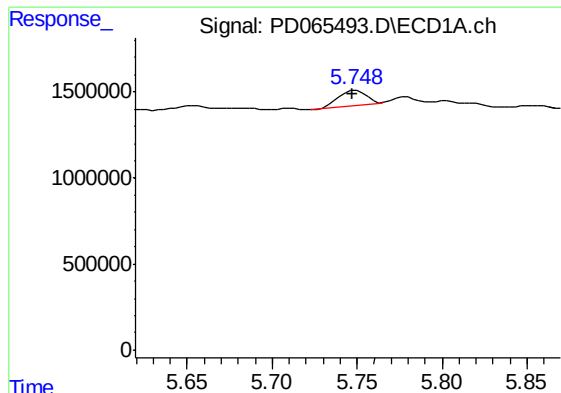
#21 Endrin ketone

R.T.: 7.259 min
Delta R.T.: 0.067 min
Response: 590447
Conc: 0.38 ng/ml



#21 Endrin ketone

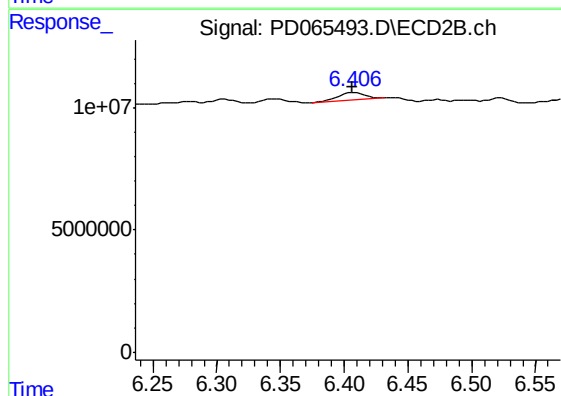
R.T.: 7.740 min
Delta R.T.: -0.021 min
Response: 630393
Conc: N.D.



#22 Toxaphene-1

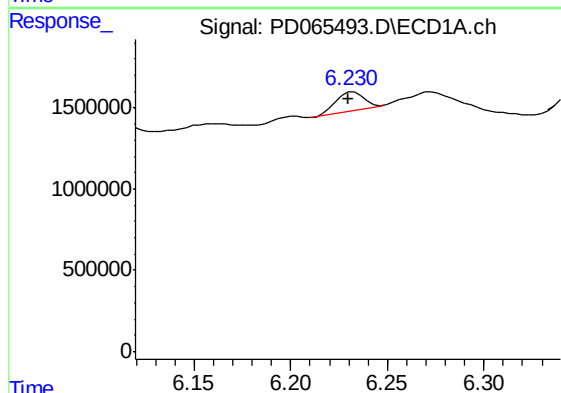
R.T.: 5.749 min
Delta R.T.: 0.002 min
Response: 979631
Conc: 112.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



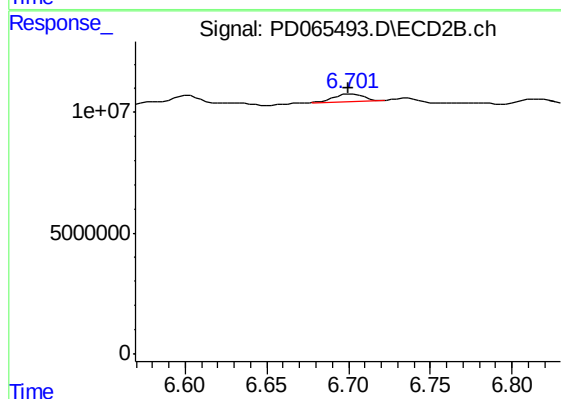
#22 Toxaphene-1

R.T.: 6.408 min
Delta R.T.: 0.002 min
Response: 4154818
Conc: 120.47 ng/ml



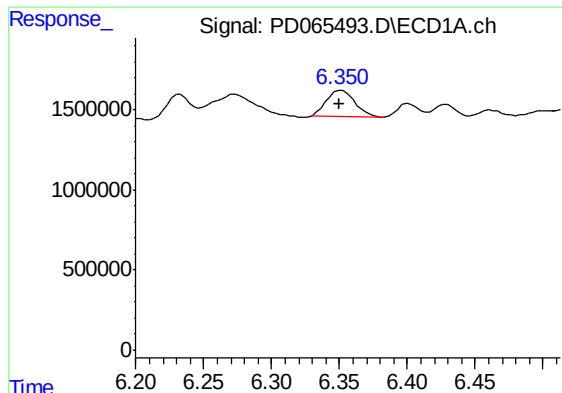
#23 Toxaphene-2

R.T.: 6.233 min
Delta R.T.: 0.002 min
Response: 1143086
Conc: 115.16 ng/ml



#23 Toxaphene-2

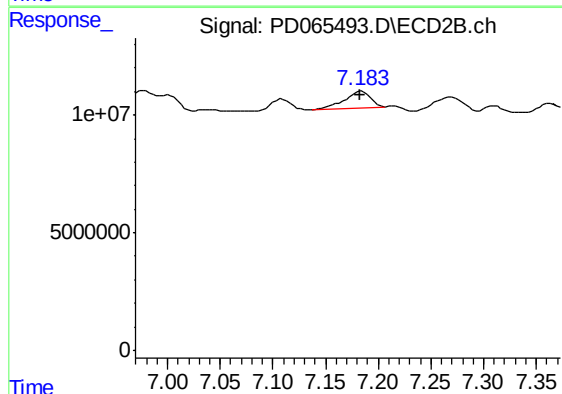
R.T.: 6.702 min
Delta R.T.: 0.003 min
Response: 4051507
Conc: 107.18 ng/ml



#24 Toxaphene-3

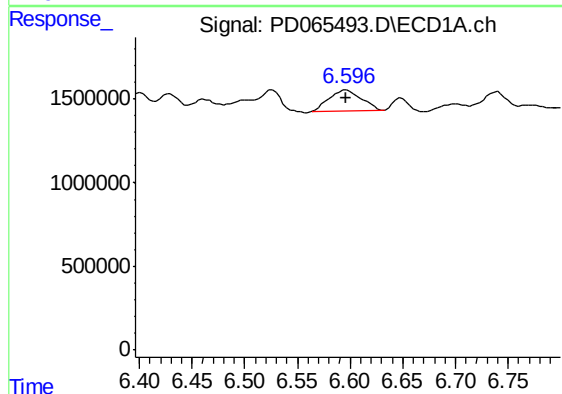
R.T.: 6.352 min
Delta R.T.: 0.001 min
Response: 2363912
Conc: 107.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



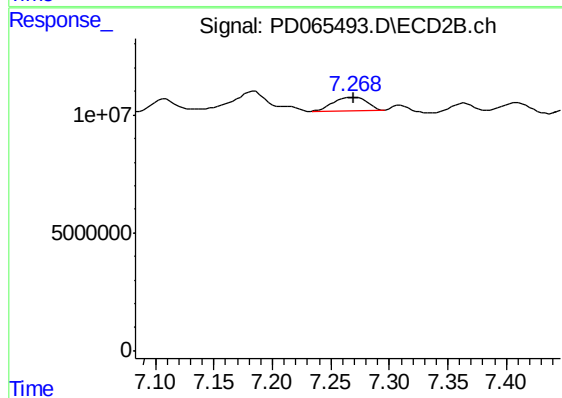
#24 Toxaphene-3

R.T.: 7.184 min
Delta R.T.: 0.002 min
Response: 11533587
Conc: 107.99 ng/ml



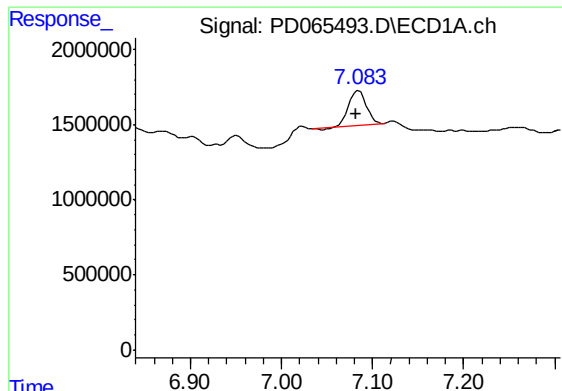
#25 Toxaphene-4

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 2751934
Conc: 114.96 ng/ml



#25 Toxaphene-4

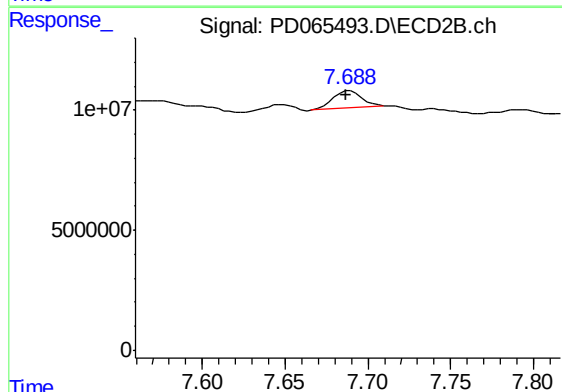
R.T.: 7.270 min
Delta R.T.: 0.000 min
Response: 11349446
Conc: 106.25 ng/ml



#26 Toxaphene-5

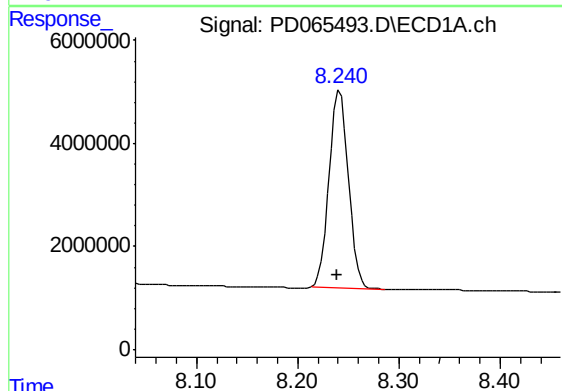
R.T.: 7.084 min
Delta R.T.: 0.002 min
Response: 3126255
Conc: 114.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



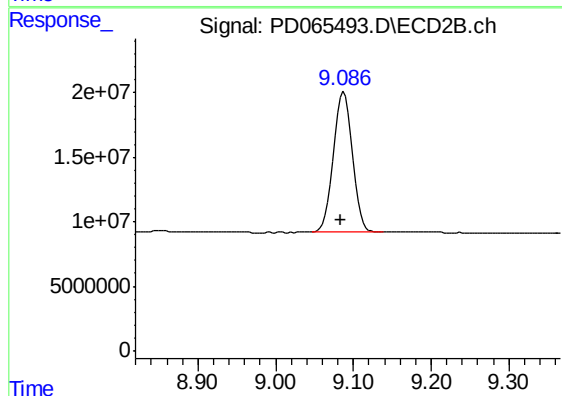
#26 Toxaphene-5

R.T.: 7.689 min
Delta R.T.: 0.002 min
Response: 8853991
Conc: 106.10 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.242 min
Delta R.T.: 0.003 min
Response: 50819652
Conc: 35.18 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: 0.004 min
Response: 187572844
Conc: 36.27 ng/ml