

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\pd040222\
 Data File : PD068875.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2022 12:07
 Operator : AR\AJ
 Sample : N1645-03
 Misc : PEST MDL 1PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 12:31:42 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...	3.447	4.174	25555799	226.6E6	21.048	23.698
2)	SA Decachlor...	8.208	9.372	27298724	141.9E6	21.608	25.036
Target Compounds							
2)	A alpha-BHC	3.887	4.570	2064989	19508520	1.141	1.417
3)	MA gamma-BHC...	4.170	4.861	2451383	19877651	1.468	1.590
4)	MA Heptachlor	4.468	5.388	1857497	18682625	1.127	1.572 #
5)	MB Aldrin	4.716	5.701	1920930	19723025	1.202	1.718 #
6)	B beta-BHC	4.421	5.024	941204	8075638	1.264	1.471
7)	B delta-BHC	4.625	5.249	1791999	20897304	1.097	1.738 #
8)	B Heptachlo...	5.160	6.089	1874835	19527396	1.254	1.870 #
9)	A Endosulfan I	5.499	6.453	1751441	15911188	1.252	1.697 #
10)	B gamma-Chl...	5.386	6.326	1954103	17865445	1.288	1.733 #
11)	B alpha-Chl...	5.445	6.400	1936911	17590893	1.296	1.767 #
12)	B 4,4'-DDE	5.611	6.551	1668765	14996241	1.220	1.618 #
13)	MA Dieldrin	5.743	6.711	1788059	16297150	1.225	1.678 #
14)	MA Endrin	6.001	6.930	1649601	11072740	1.252	1.431
15)	B Endosulfa...	6.275	7.135	1782475	13553217	1.430	1.793 #
16)	A 4,4'-DDD	6.129	7.042	1495997	12557530	1.269	1.700 #
17)	MA 4,4'-DDT	6.369	7.345	1087884	9991421	0.905	1.360 #
18)	B Endrin al...	6.445	7.260	1553686	11646495	1.565	1.924
19)	B Endosulfa...	6.658	7.485	1751533	12096246	1.370	1.645
20)	A Methoxychlor	6.920	7.799	773584	4988834	1.116	1.369
21)	B Endrin ke...	7.151	7.961	2013467	15071274	1.368	1.945 #
22)	Mirex	7.335	8.427	1806966	10304906	1.525	1.880

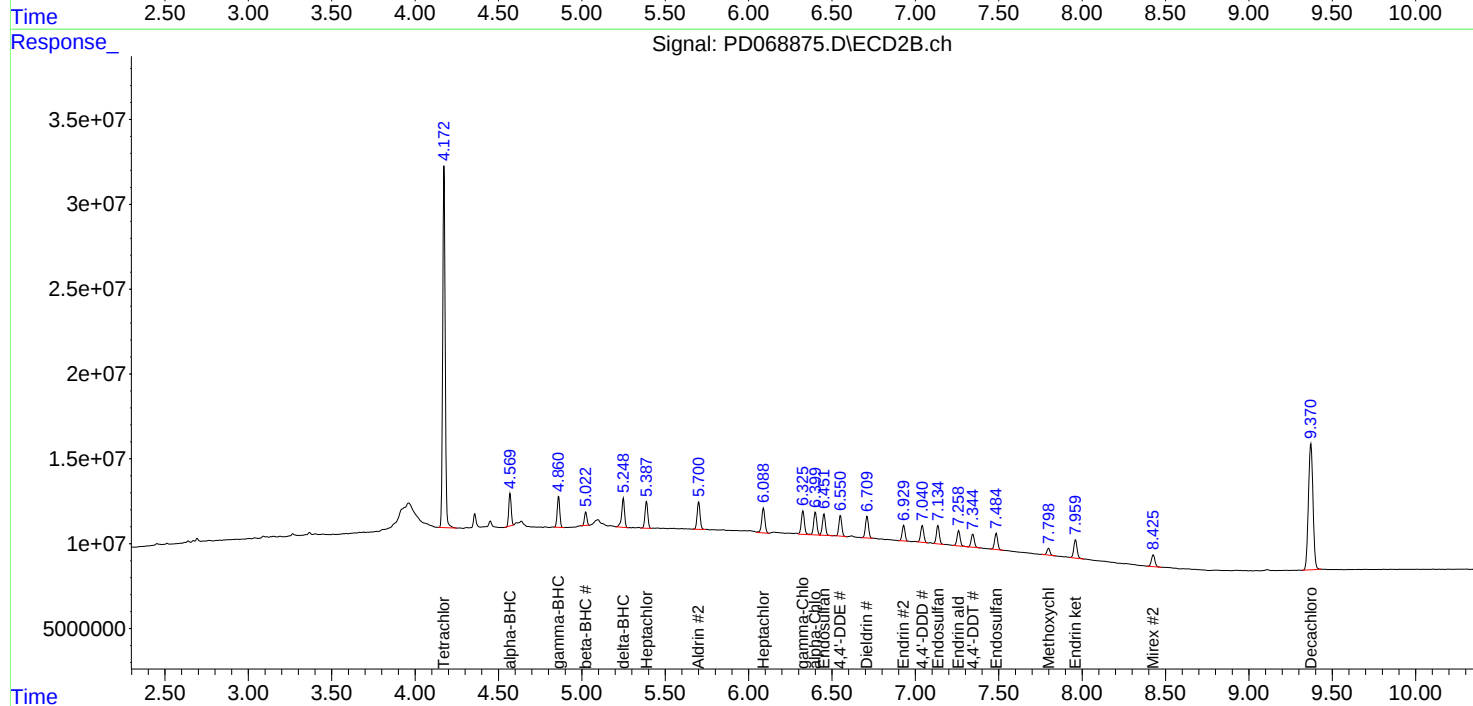
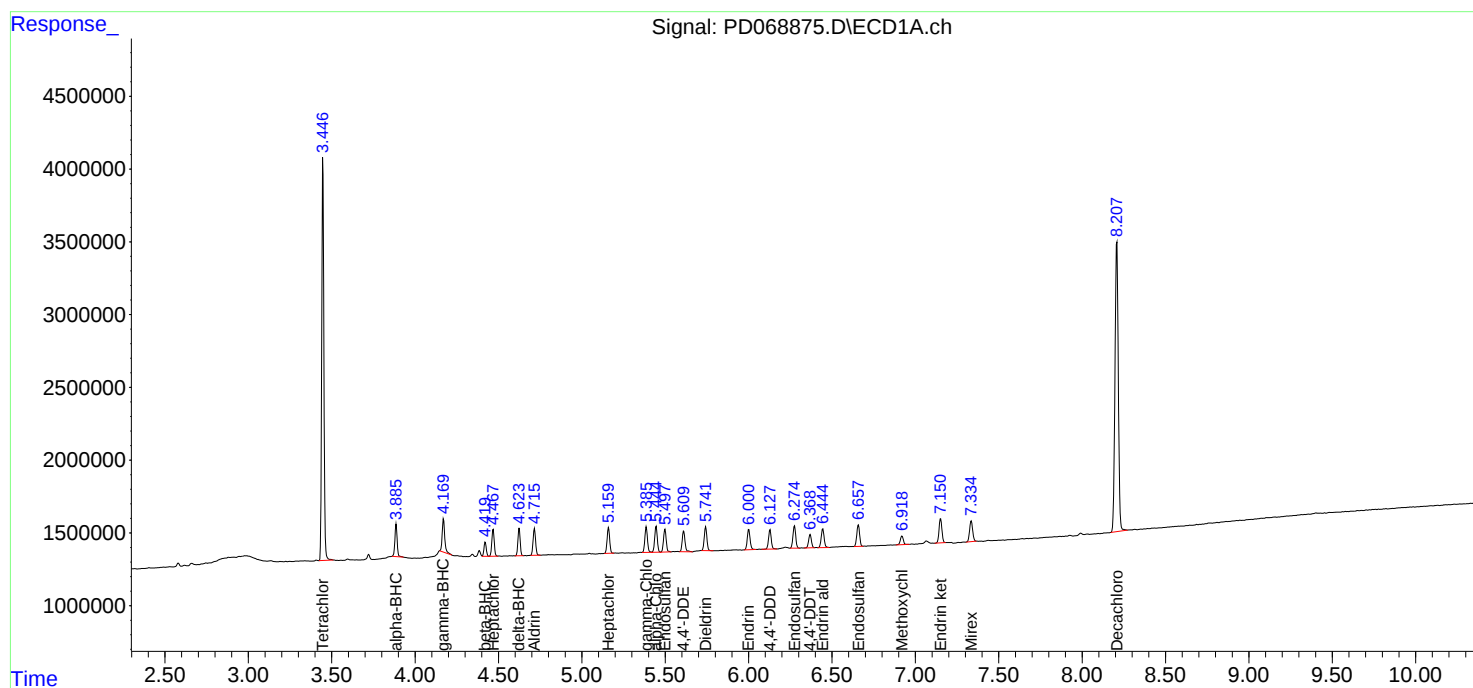
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

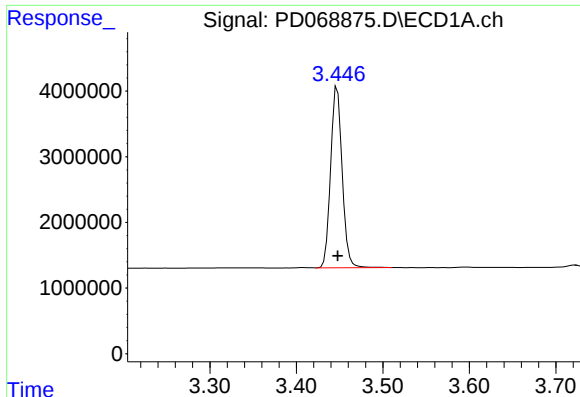
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\pd040222\
Data File : PD068875.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2022 12:07
Operator : AR\AJ
Sample : N1645-03
Misc : PEST MDL 1PPB
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 31 12:31:42 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

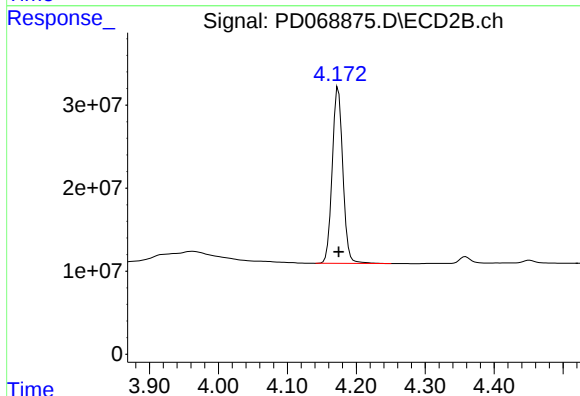




#1 Tetrachloro-m-xylene

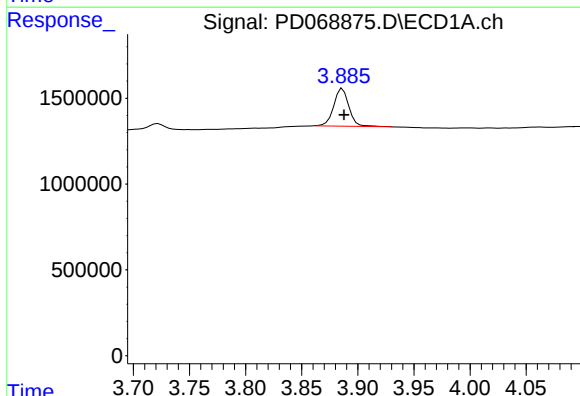
R.T.: 3.447 min
Delta R.T.: 0.000 min
Response: 25555799
Conc: 21.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



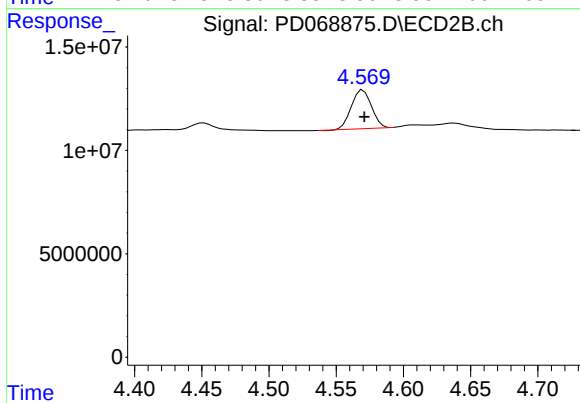
#1 Tetrachloro-m-xylene

R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 226569501
Conc: 23.70 ng/ml



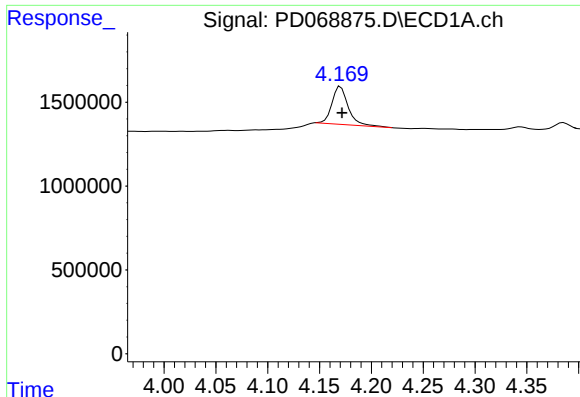
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: -0.001 min
Response: 2064989
Conc: 1.14 ng/ml



#2 alpha-BHC

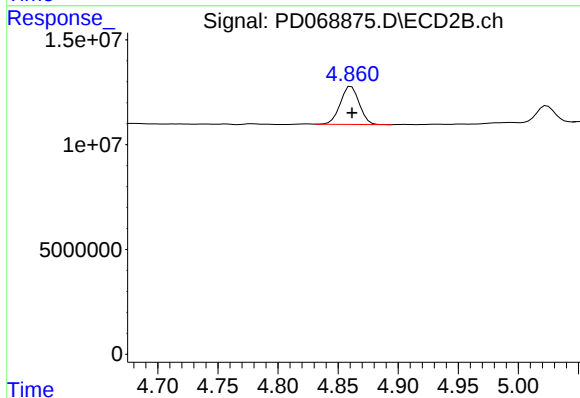
R.T.: 4.570 min
Delta R.T.: -0.001 min
Response: 19508520
Conc: 1.42 ng/ml



#3 gamma-BHC (Lindane)

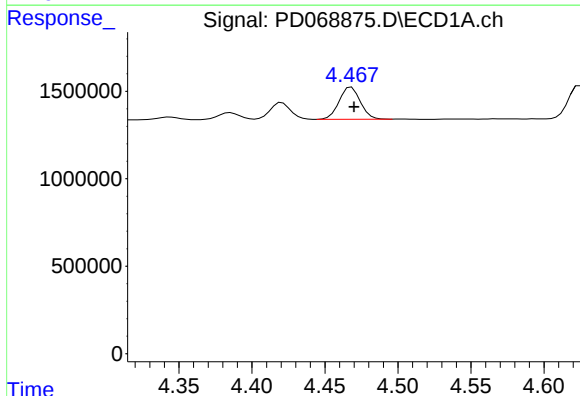
R.T.: 4.170 min
Delta R.T.: -0.001 min
Response: 2451383
Conc: 1.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



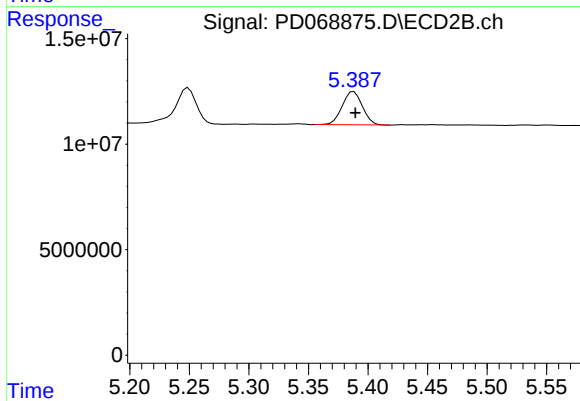
#3 gamma-BHC (Lindane)

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 19877651
Conc: 1.59 ng/ml



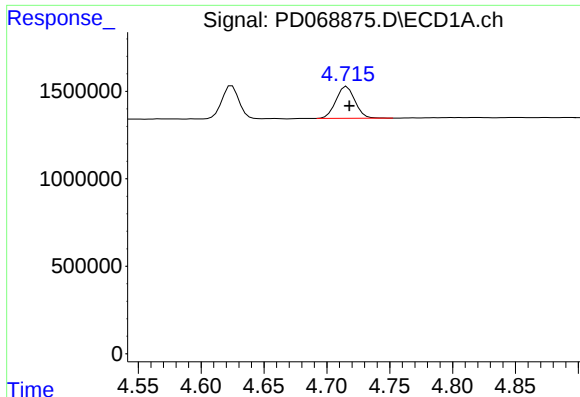
#4 Heptachlor

R.T.: 4.468 min
Delta R.T.: -0.002 min
Response: 1857497
Conc: 1.13 ng/ml



#4 Heptachlor

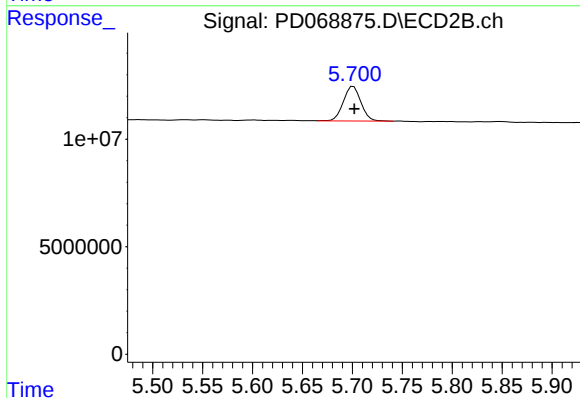
R.T.: 5.388 min
Delta R.T.: -0.001 min
Response: 18682625
Conc: 1.57 ng/ml



#5 Aldrin

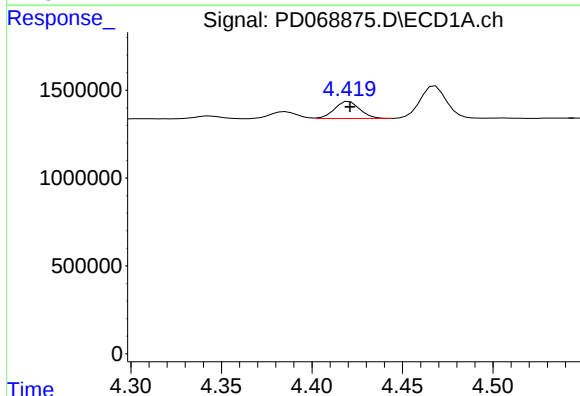
R.T.: 4.716 min
Delta R.T.: -0.002 min
Response: 1920930
Conc: 1.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



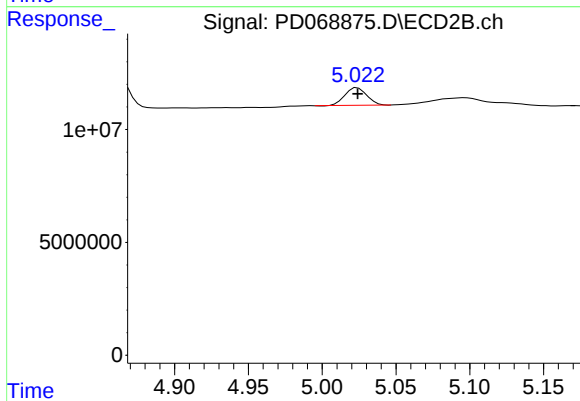
#5 Aldrin

R.T.: 5.701 min
Delta R.T.: -0.001 min
Response: 19723025
Conc: 1.72 ng/ml



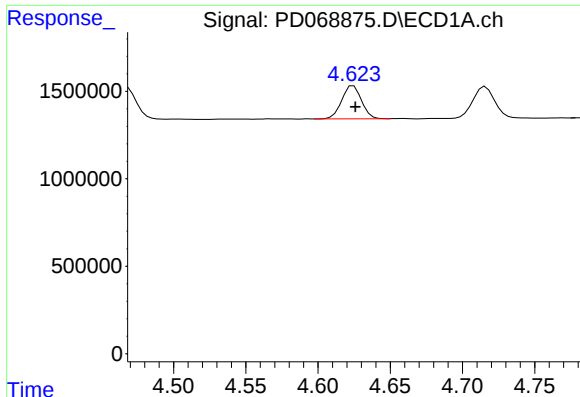
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 941204
Conc: 1.26 ng/ml



#6 beta-BHC

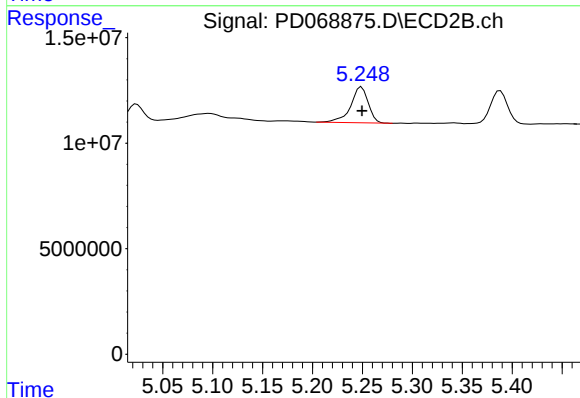
R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 8075638
Conc: 1.47 ng/ml



#7 delta-BHC

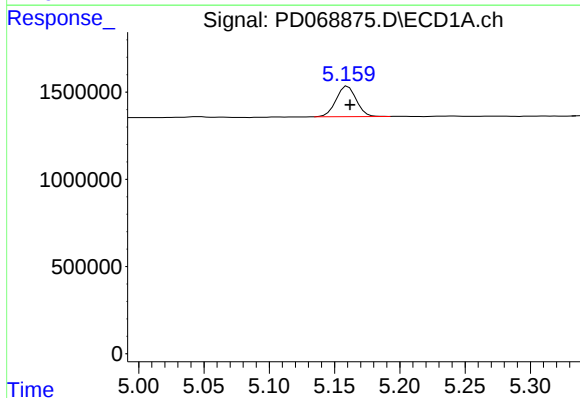
R.T.: 4.625 min
Delta R.T.: -0.001 min
Response: 1791999
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



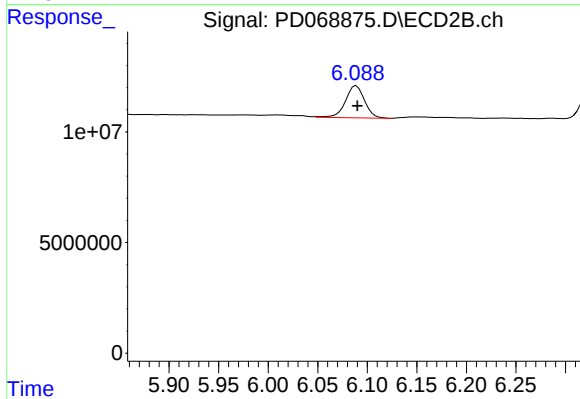
#7 delta-BHC

R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 20897304
Conc: 1.74 ng/ml



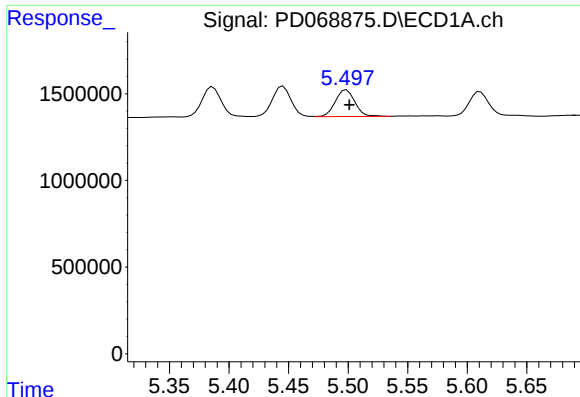
#8 Heptachlor epoxide

R.T.: 5.160 min
Delta R.T.: -0.002 min
Response: 1874835
Conc: 1.25 ng/ml



#8 Heptachlor epoxide

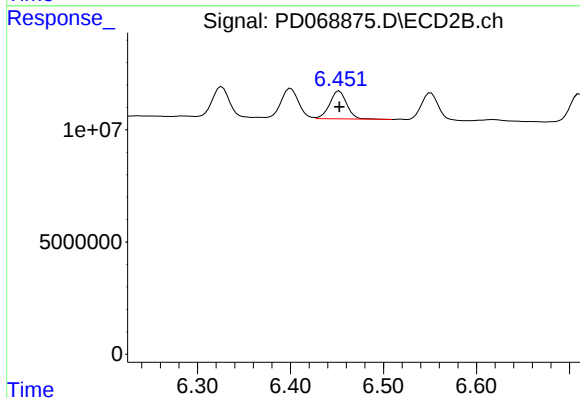
R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 19527396
Conc: 1.87 ng/ml



#9 Endosulfan I

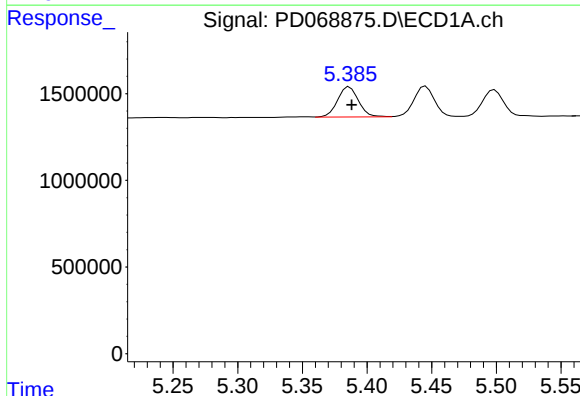
R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 1751441
Conc: 1.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



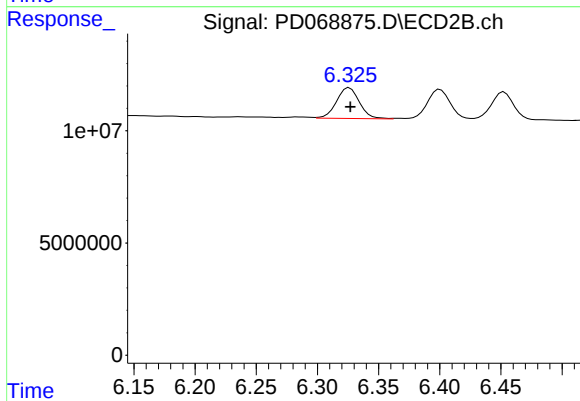
#9 Endosulfan I

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 15911188
Conc: 1.70 ng/ml



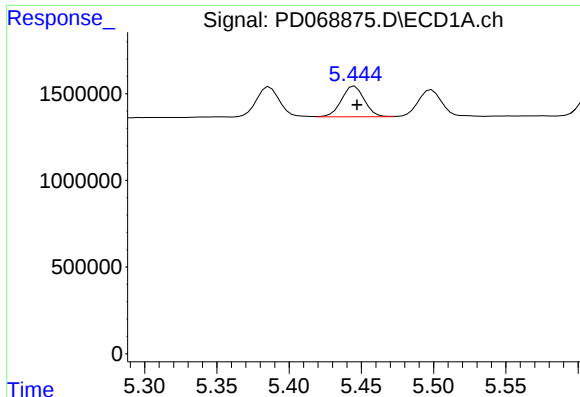
#10 gamma-Chlordane

R.T.: 5.386 min
Delta R.T.: -0.002 min
Response: 1954103
Conc: 1.29 ng/ml



#10 gamma-Chlordane

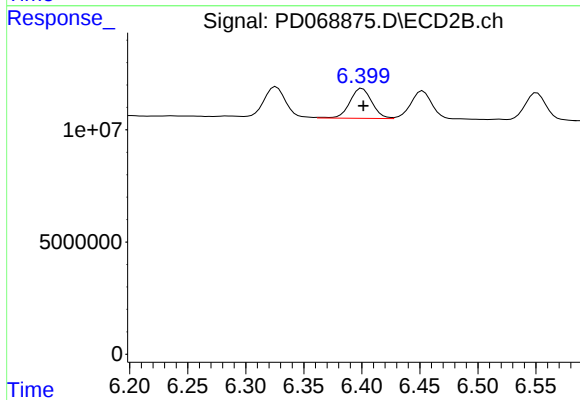
R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 17865445
Conc: 1.73 ng/ml



#11 alpha-Chlordane

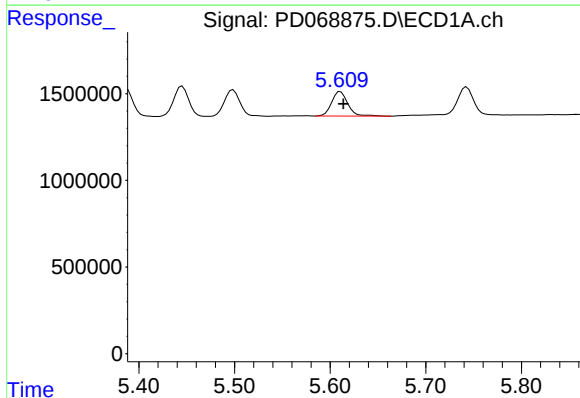
R.T.: 5.445 min
Delta R.T.: -0.002 min
Response: 1936911
Conc: 1.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



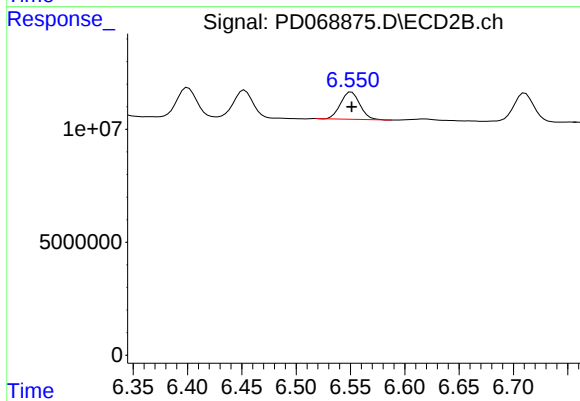
#11 alpha-Chlordane

R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 17590893
Conc: 1.77 ng/ml



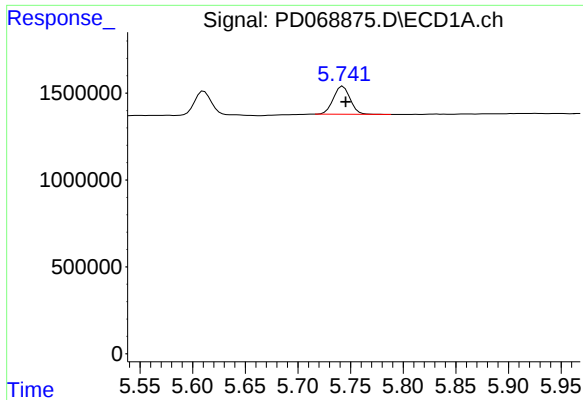
#12 4,4'-DDE

R.T.: 5.611 min
Delta R.T.: -0.003 min
Response: 1668765
Conc: 1.22 ng/ml



#12 4,4'-DDE

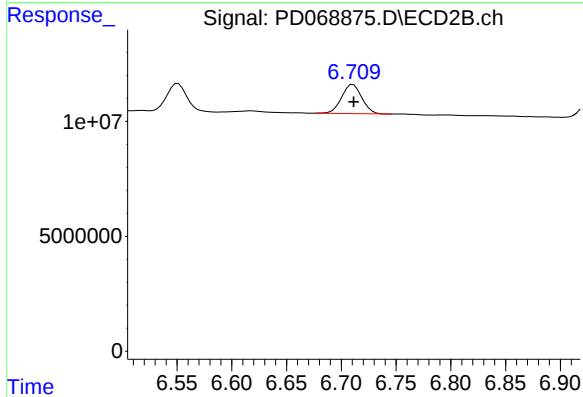
R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 14996241
Conc: 1.62 ng/ml



#13 Dieldrin

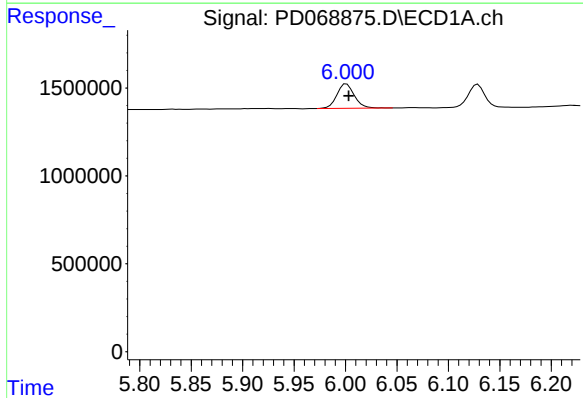
R.T.: 5.743 min
Delta R.T.: -0.003 min
Response: 1788059
Conc: 1.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



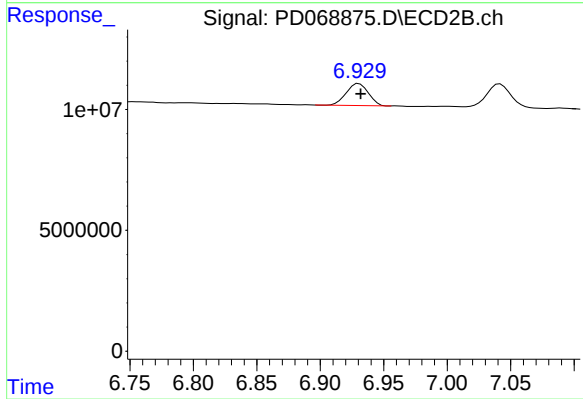
#13 Dieldrin

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 16297150
Conc: 1.68 ng/ml



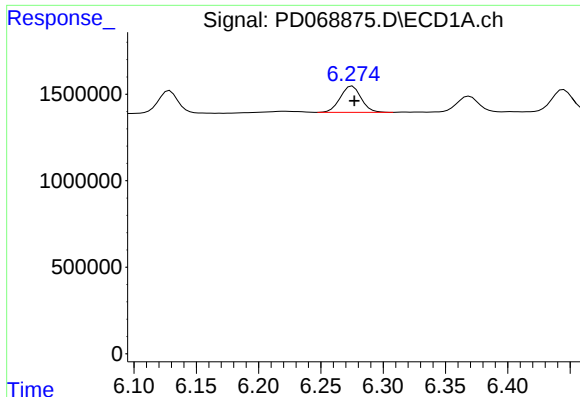
#14 Endrin

R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 1649601
Conc: 1.25 ng/ml



#14 Endrin

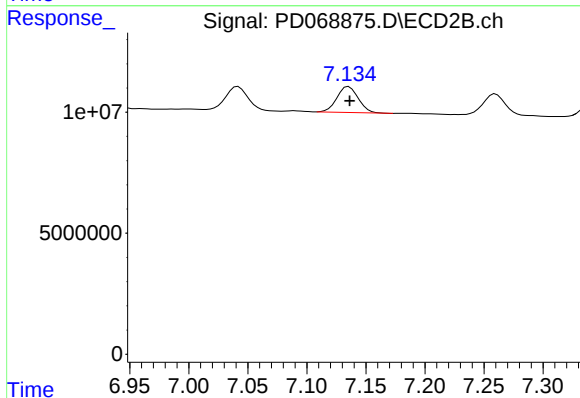
R.T.: 6.930 min
Delta R.T.: -0.001 min
Response: 11072740
Conc: 1.43 ng/ml



#15 Endosulfan II

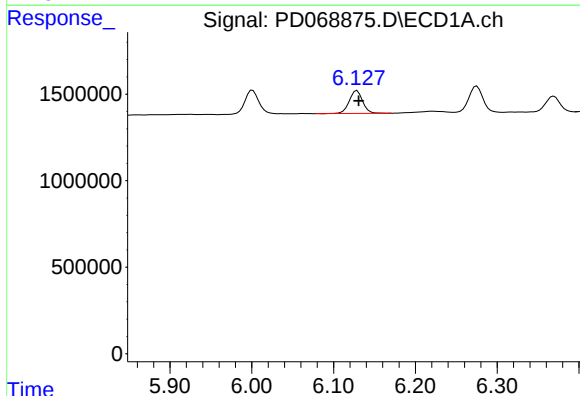
R.T.: 6.275 min
Delta R.T.: -0.002 min
Response: 1782475
Conc: 1.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



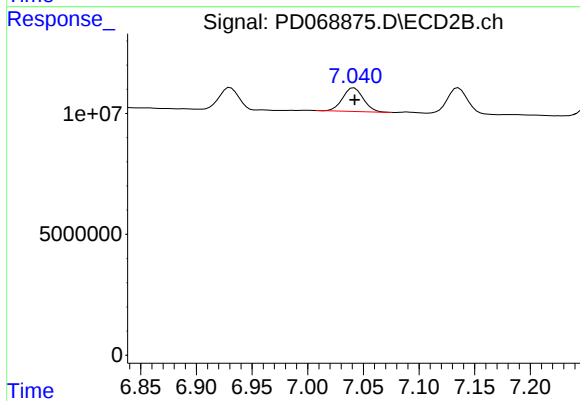
#15 Endosulfan II

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 13553217
Conc: 1.79 ng/ml



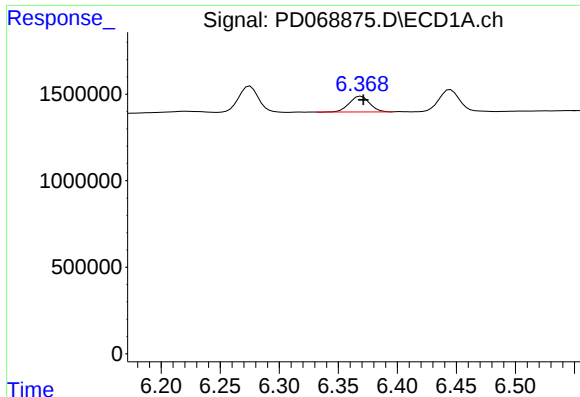
#16 4,4'-DDD

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 1495997
Conc: 1.27 ng/ml



#16 4,4'-DDD

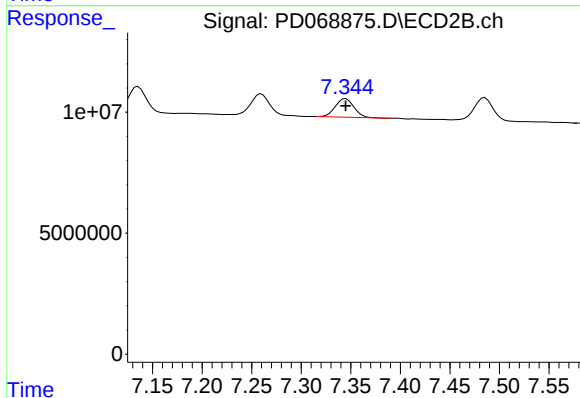
R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 12557530
Conc: 1.70 ng/ml



#17 4,4'-DDT

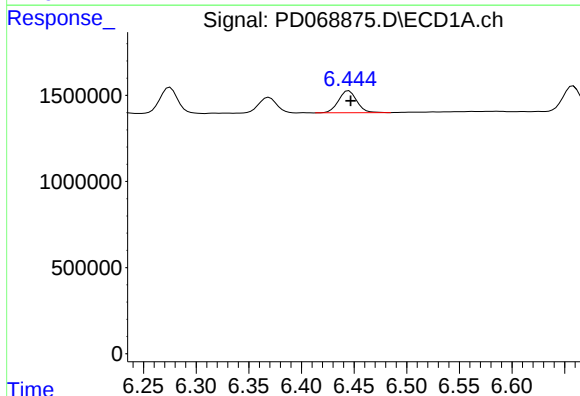
R.T.: 6.369 min
Delta R.T.: -0.002 min
Response: 1087884
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



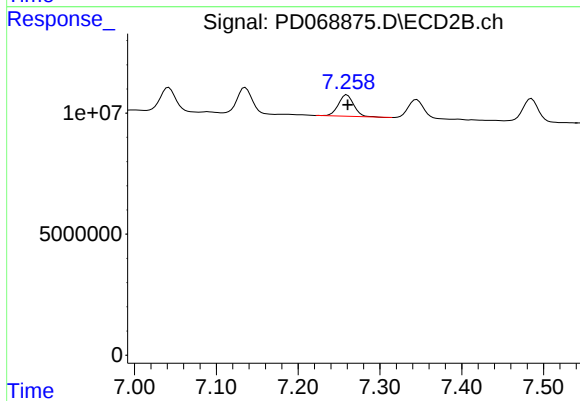
#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 9991421
Conc: 1.36 ng/ml



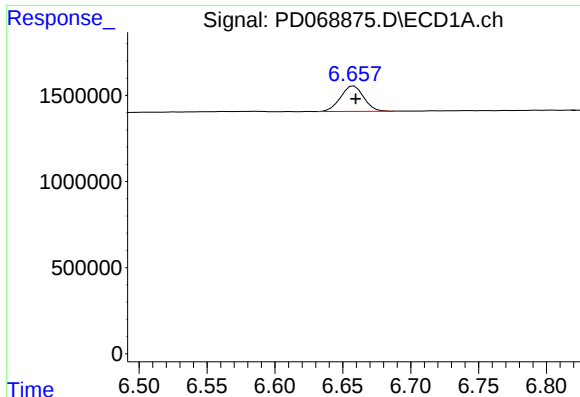
#18 Endrin aldehyde

R.T.: 6.445 min
Delta R.T.: -0.002 min
Response: 1553686
Conc: 1.57 ng/ml



#18 Endrin aldehyde

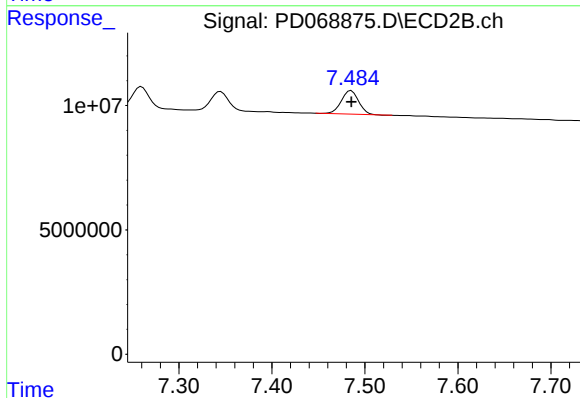
R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 11646495
Conc: 1.92 ng/ml



#19 Endosulfan Sulfate

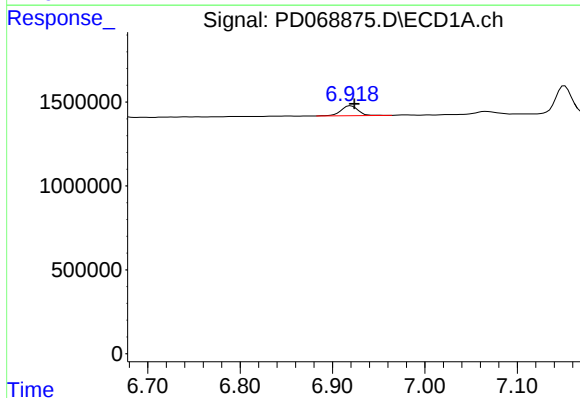
R.T.: 6.658 min
Delta R.T.: -0.001 min
Response: 1751533
Conc: 1.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



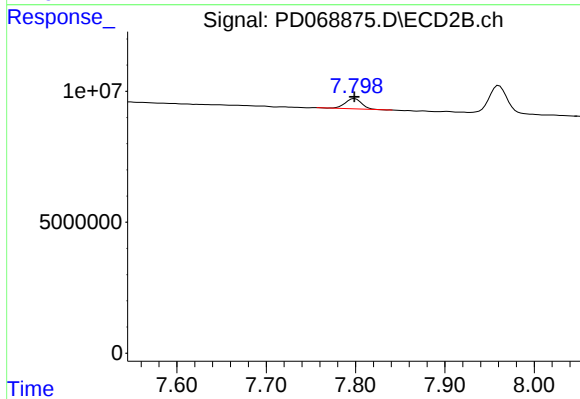
#19 Endosulfan Sulfate

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 12096246
Conc: 1.64 ng/ml



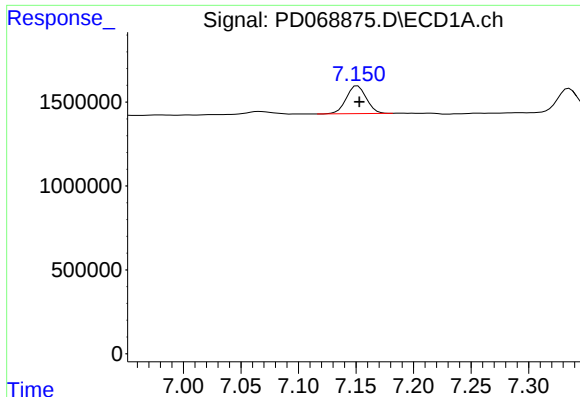
#20 Methoxychlor

R.T.: 6.920 min
Delta R.T.: -0.004 min
Response: 773584
Conc: 1.12 ng/ml



#20 Methoxychlor

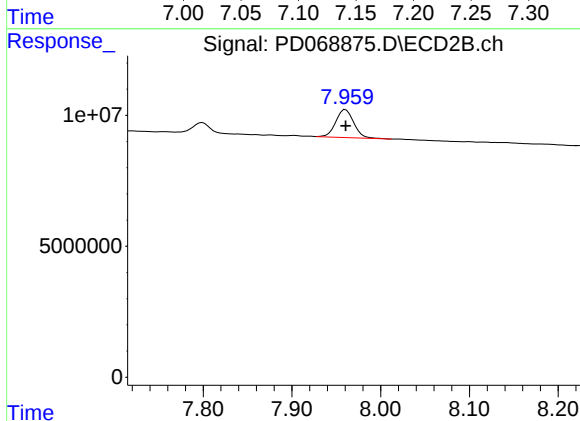
R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 4988834
Conc: 1.37 ng/ml



#21 Endrin ketone

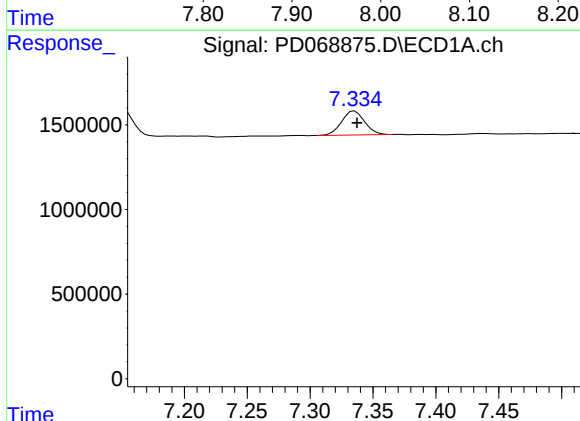
R.T.: 7.151 min
Delta R.T.: -0.002 min
Response: 2013467
Conc: 1.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



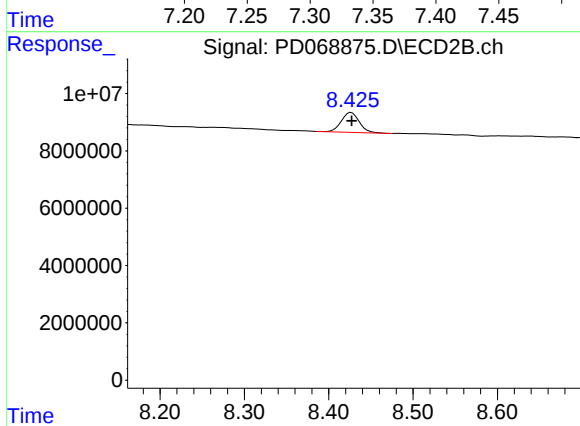
#21 Endrin ketone

R.T.: 7.961 min
Delta R.T.: 0.000 min
Response: 15071274
Conc: 1.95 ng/ml



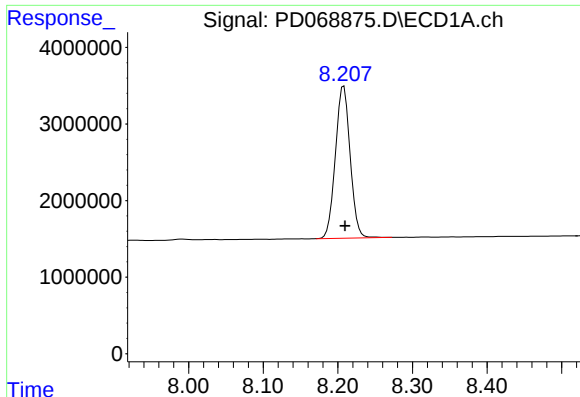
#22 Mirex

R.T.: 7.335 min
Delta R.T.: -0.002 min
Response: 1806966
Conc: 1.52 ng/ml



#22 Mirex

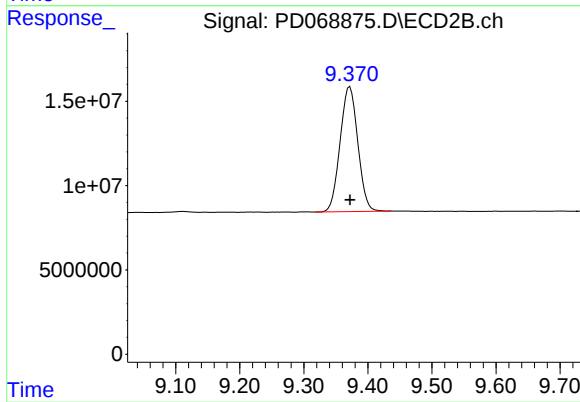
R.T.: 8.427 min
Delta R.T.: 0.000 min
Response: 10304906
Conc: 1.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 27298724
Conc: 21.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



#28 Decachlorobiphenyl

R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 141870885
Conc: 25.04 ng/ml