

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD011022\
 Data File : PD067654.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2022 08:44
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 00:55:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 28 03:00:50 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 x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.431	3.960	38431829	148.7E6	21.148	22.544
28)	SA Decachlor...	8.150	9.010	17620932	91632122	19.837	19.281
Target Compounds							
2)	A alpha-BHC	3.867	4.353	28600934	104.0E6	9.917	11.209
3)	MA gamma-BHC...	4.148	4.638	26424875	94649173	9.935	11.231
4)	MA Heptachlor	4.473f	5.121f	166277	1212977	0.061	0.158 #
5)	MB Aldrin	4.688	5.454	326116	32482	0.118	0.004 #
6)	B beta-BHC	4.397	4.817	12980069	50595273	11.811	12.975
7)	B delta-BHC	0.000	5.061f	0	3253548	N.D.	0.434 #
8)	B Heptachlo...	5.152f	5.815f	512334	1961970	0.208	0.368 #
9)	A Endosulfan I	5.455	6.209f	207310	474679	0.093	0.078
10)	B gamma-Chl...	5.348	6.069	140026	460250	0.057	0.071 #
11)	B alpha-Chl...	0.000	6.131	0	379268	N.D.	0.059 #
12)	B 4,4'-DDE	5.571	6.295	792021	2682043	0.358	0.435
13)	MA Dieldrin	0.000	6.436	0	269693	N.D.	0.041 #
14)	MA Endrin	5.961	6.662	101.3E6	269.0E6	48.202	48.520
15)	B Endosulfa...	6.234	6.883	1945208	2867926	0.970	0.483 #
16)	A 4,4'-DDD	6.086	6.790	5192308	14211285	3.022	2.839
17)	MA 4,4'-DDT	6.324	7.086	168.9E6	489.9E6	103.365	91.563
18)	B Endrin al...	6.401	7.003	2354320	5983618	1.549	1.326
20)	A Methoxychlor	6.872	7.549	194.8E6	591.4E6	229.471	203.813
21)	B Endrin ke...	7.103	7.697	6117499	16941648	3.574	2.700
22)	Mirex	0.000	8.142	0	401905	N.D.	0.093 #
23)	Chlordane-1	4.321f	0.000	577622	0	7.315	N.D. #
24)	Chlordane-2	0.000	5.431	0	138933	N.D.	0.506 #
25)	Chlordane-3	5.348	6.069	140026	460250	0.525	0.478
26)	Chlordane-4	0.000	6.131	0	379268	N.D.	0.332 #
27)	Chlordane-5	6.234	0.000	1945208	0	22.469	N.D. #

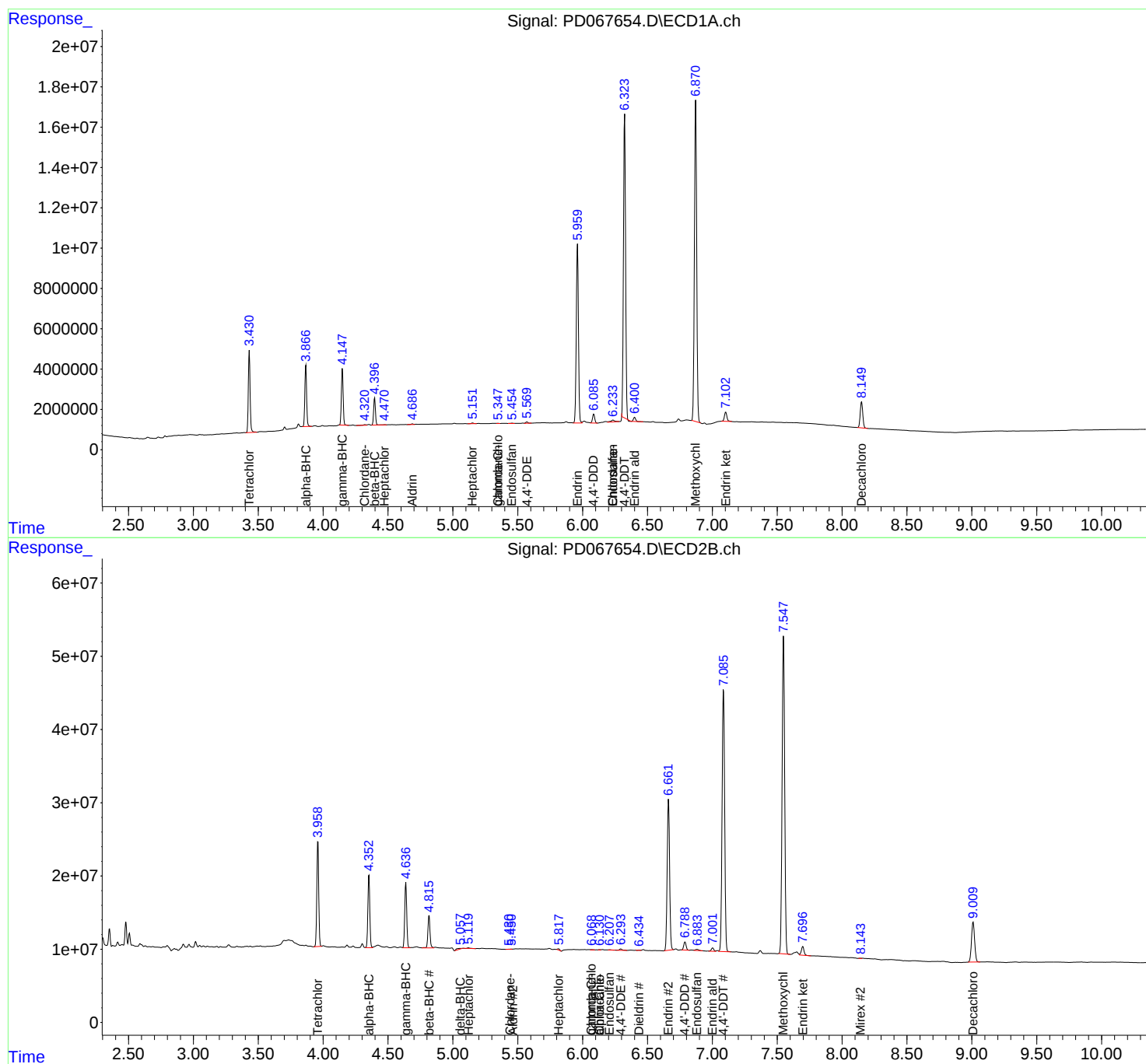
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

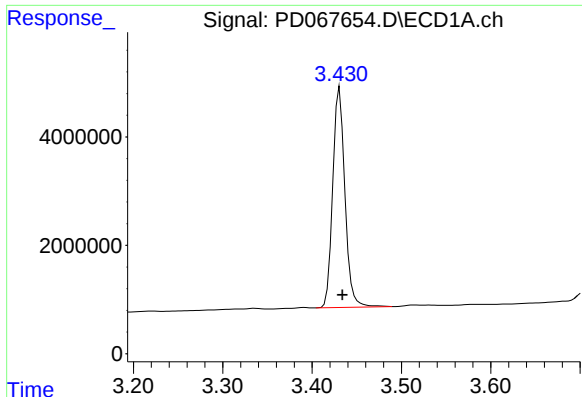
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD011022\
Data File : PD067654.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jan 2022 08:44
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 11 00:55:55 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
Quant Title : GC Extractables
QLast Update : Tue Dec 28 03:00:50 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 x0.5µm

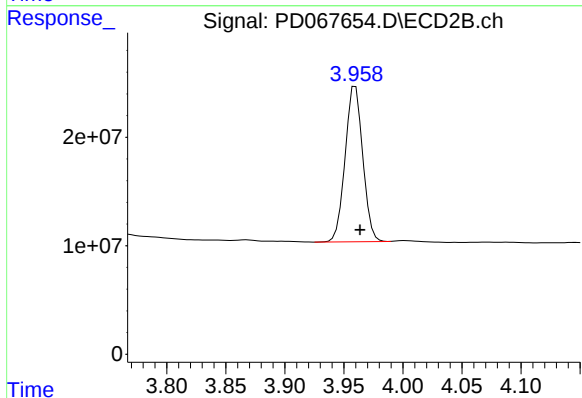




#1 Tetrachloro-m-xylene

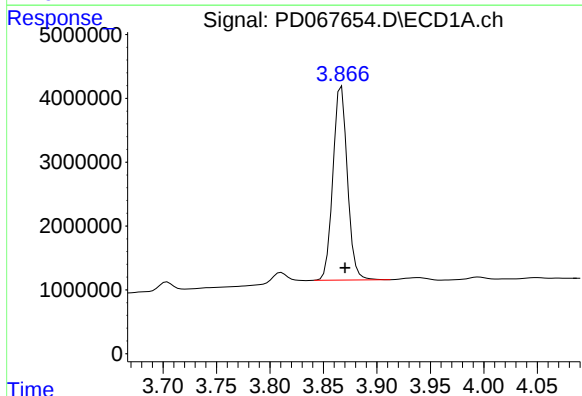
R.T.: 3.431 min
Delta R.T.: -0.003 min
Response: 38431829
Conc: 21.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



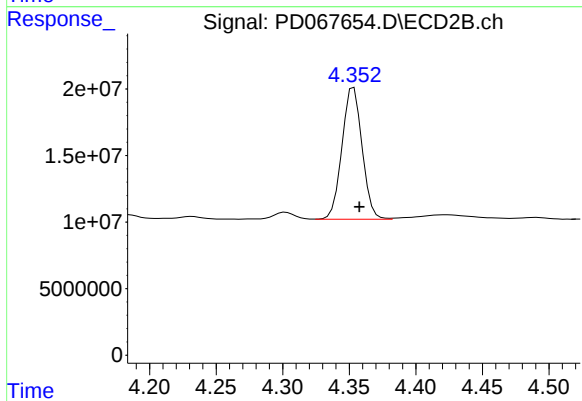
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: -0.004 min
Response: 148749937
Conc: 22.54 ng/ml



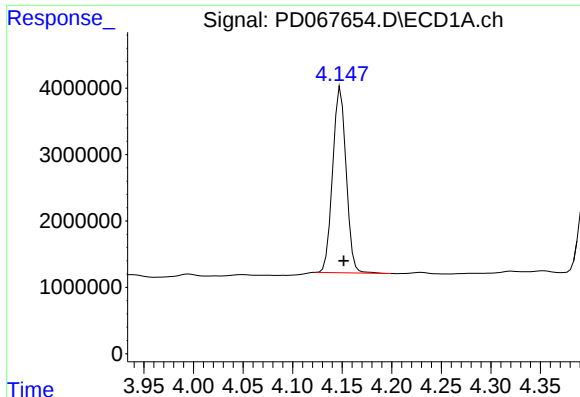
#2 alpha-BHC

R.T.: 3.867 min
Delta R.T.: -0.003 min
Response: 28600934
Conc: 9.92 ng/ml



#2 alpha-BHC

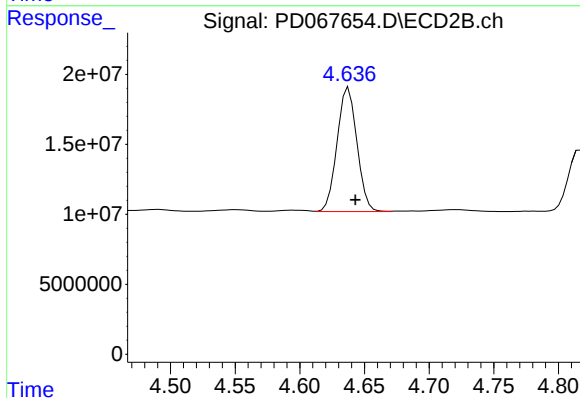
R.T.: 4.353 min
Delta R.T.: -0.004 min
Response: 103994536
Conc: 11.21 ng/ml



#3 gamma-BHC (Lindane)

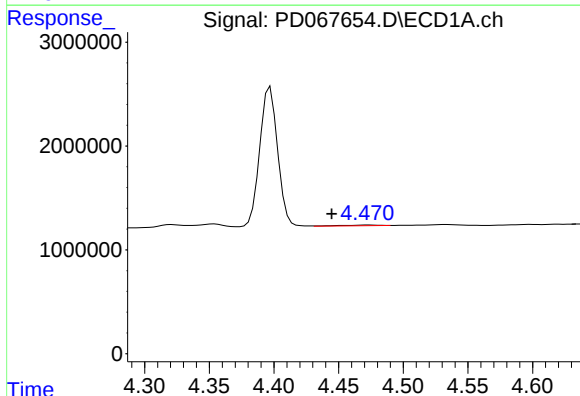
R.T.: 4.148 min
Delta R.T.: -0.003 min
Response: 26424875
Conc: 9.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



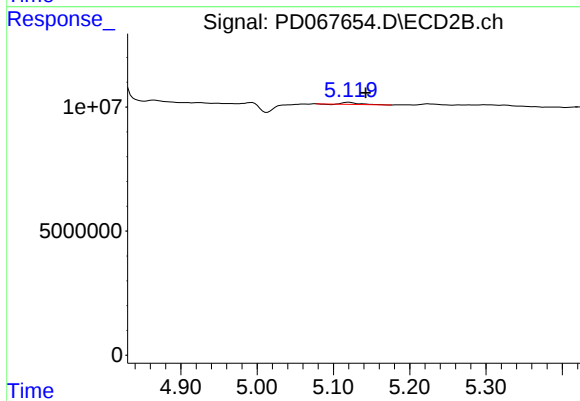
#3 gamma-BHC (Lindane)

R.T.: 4.638 min
Delta R.T.: -0.005 min
Response: 94649173
Conc: 11.23 ng/ml



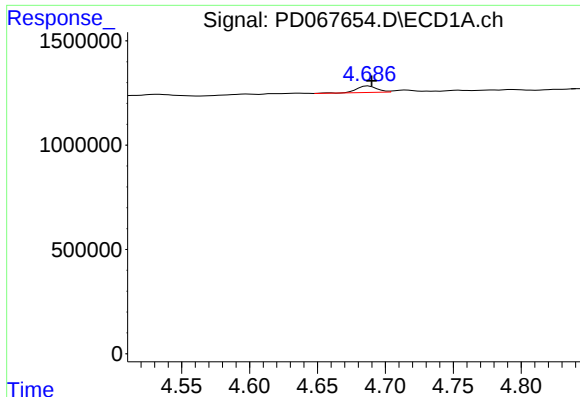
#4 Heptachlor

R.T.: 4.473 min
Delta R.T.: 0.029 min
Response: 166277
Conc: 0.06 ng/ml



#4 Heptachlor

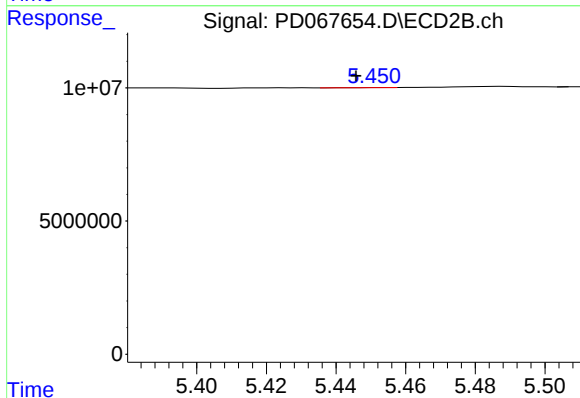
R.T.: 5.121 min
Delta R.T.: -0.022 min
Response: 1212977
Conc: 0.16 ng/ml



#5 Aldrin

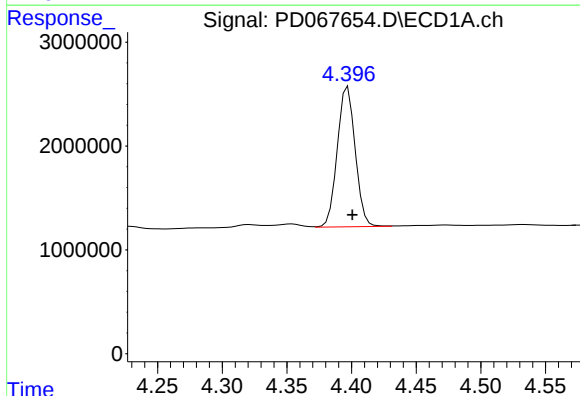
R.T.: 4.688 min
Delta R.T.: -0.002 min
Response: 326116
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



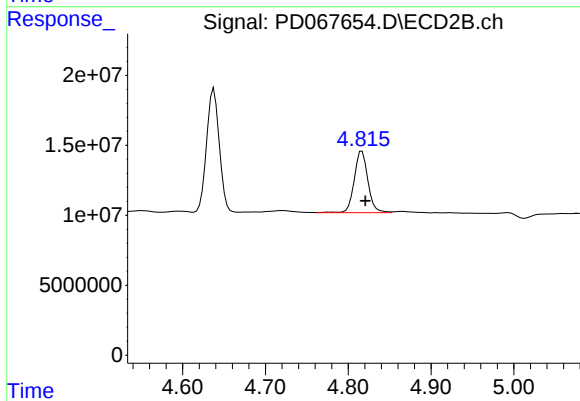
#5 Aldrin

R.T.: 5.454 min
Delta R.T.: 0.008 min
Response: 32482
Conc: 0.00 ng/ml



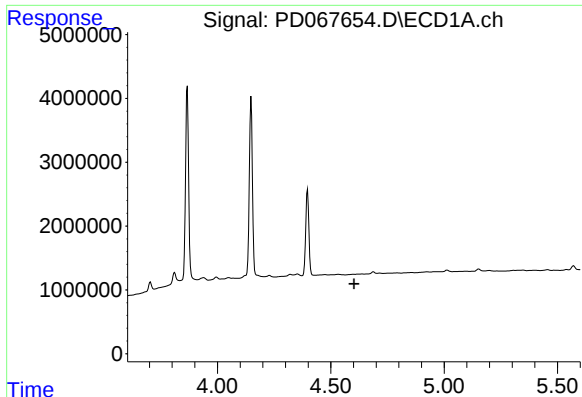
#6 beta-BHC

R.T.: 4.397 min
Delta R.T.: -0.003 min
Response: 12980069
Conc: 11.81 ng/ml



#6 beta-BHC

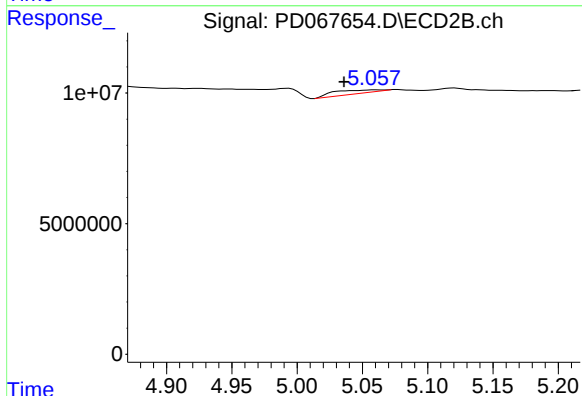
R.T.: 4.817 min
Delta R.T.: -0.004 min
Response: 50595273
Conc: 12.98 ng/ml



#7 delta-BHC

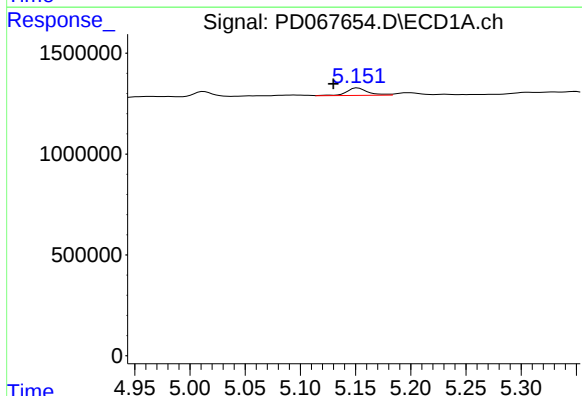
R.T.: 0.000 min
Exp R.T.: 4.602 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



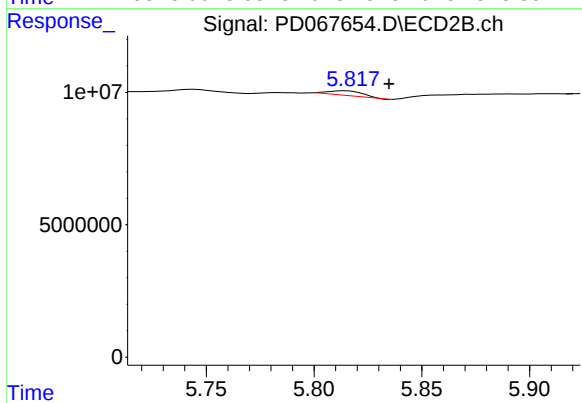
#7 delta-BHC

R.T.: 5.061 min
Delta R.T.: 0.025 min
Response: 3253548
Conc: 0.43 ng/ml



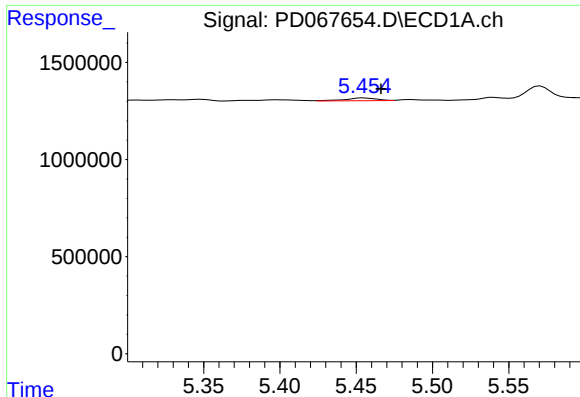
#8 Heptachlor epoxide

R.T.: 5.152 min
Delta R.T.: 0.022 min
Response: 512334
Conc: 0.21 ng/ml



#8 Heptachlor epoxide

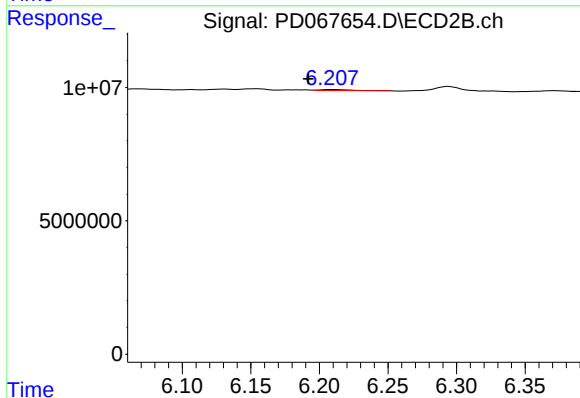
R.T.: 5.815 min
Delta R.T.: -0.020 min
Response: 1961970
Conc: 0.37 ng/ml



#9 Endosulfan I

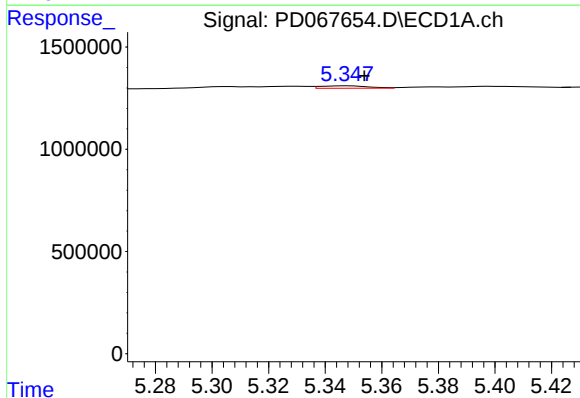
R.T.: 5.455 min
Delta R.T.: -0.011 min
Response: 207310
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



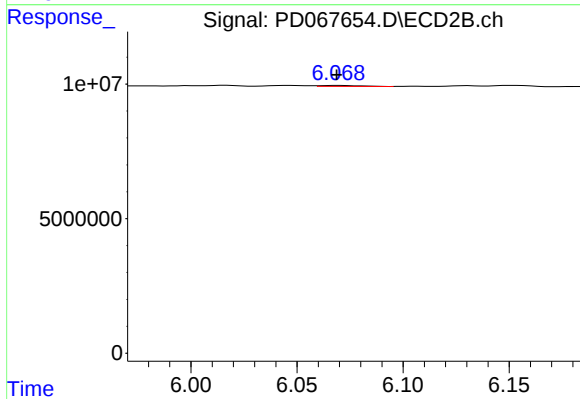
#9 Endosulfan I

R.T.: 6.209 min
Delta R.T.: 0.017 min
Response: 474679
Conc: 0.08 ng/ml



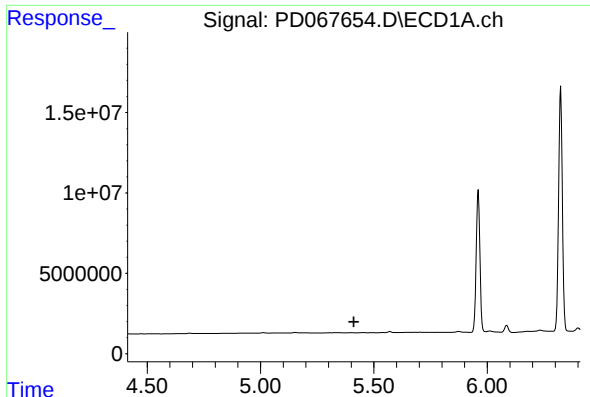
#10 gamma-Chlordane

R.T.: 5.348 min
Delta R.T.: -0.006 min
Response: 140026
Conc: 0.06 ng/ml



#10 gamma-Chlordane

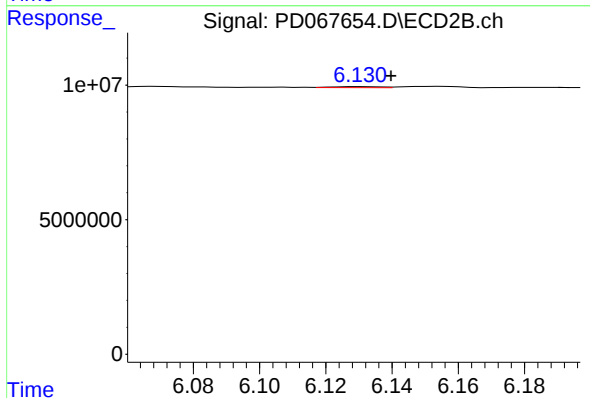
R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 460250
Conc: 0.07 ng/ml



#11 alpha-Chlordane

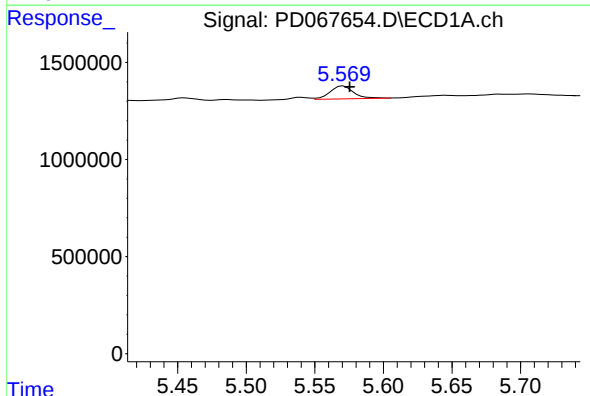
R.T.: 0.000 min
Exp R.T.: 5.412 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



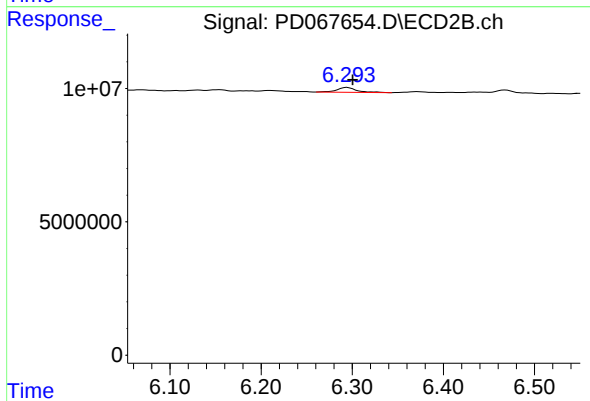
#11 alpha-Chlordane

R.T.: 6.131 min
Delta R.T.: -0.009 min
Response: 379268
Conc: 0.06 ng/ml



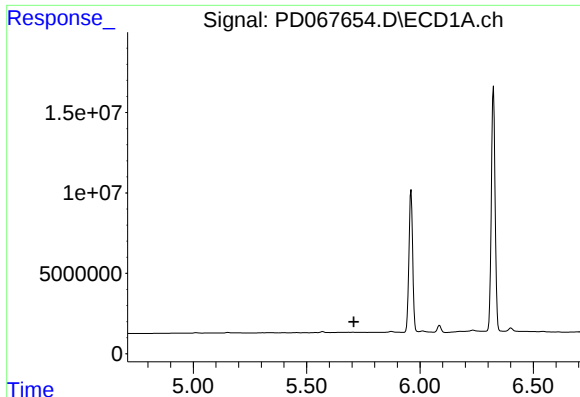
#12 4,4'-DDE

R.T.: 5.571 min
Delta R.T.: -0.005 min
Response: 792021
Conc: 0.36 ng/ml



#12 4,4'-DDE

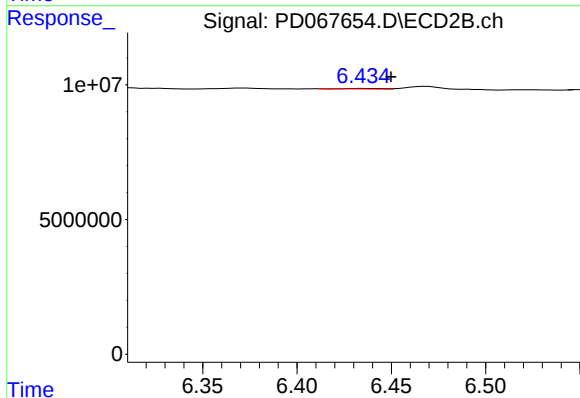
R.T.: 6.295 min
Delta R.T.: -0.006 min
Response: 2682043
Conc: 0.44 ng/ml



#13 Dieldrin

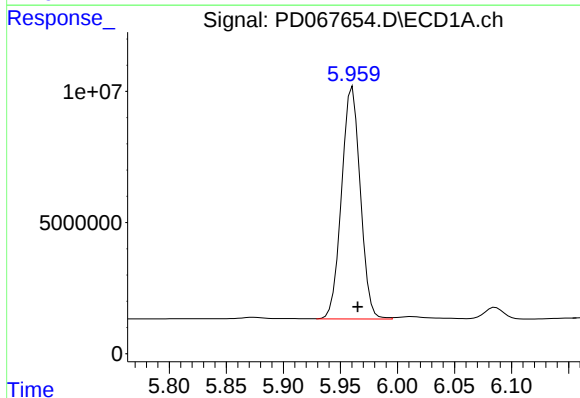
R.T.: 0.000 min
Exp R.T.: 5.708 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



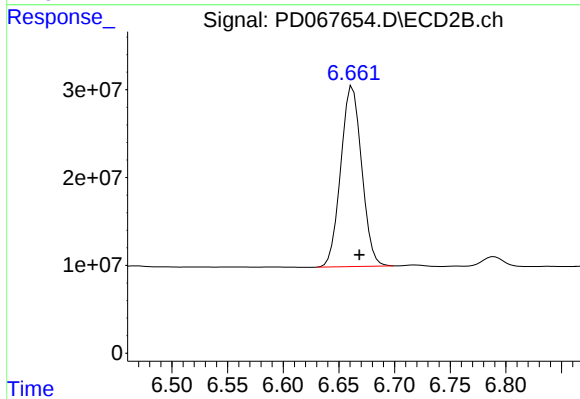
#13 Dieldrin

R.T.: 6.436 min
Delta R.T.: -0.014 min
Response: 269693
Conc: 0.04 ng/ml



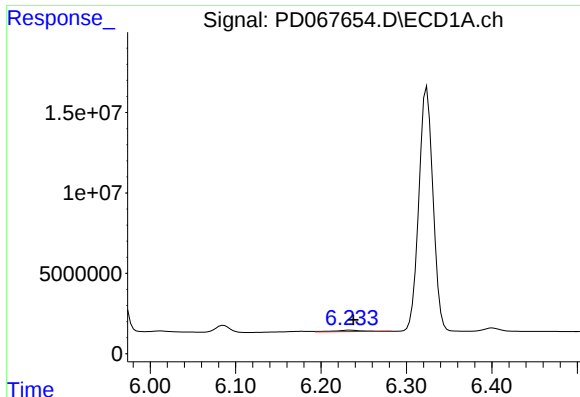
#14 Endrin

R.T.: 5.961 min
Delta R.T.: -0.005 min
Response: 101255495
Conc: 48.20 ng/ml



#14 Endrin

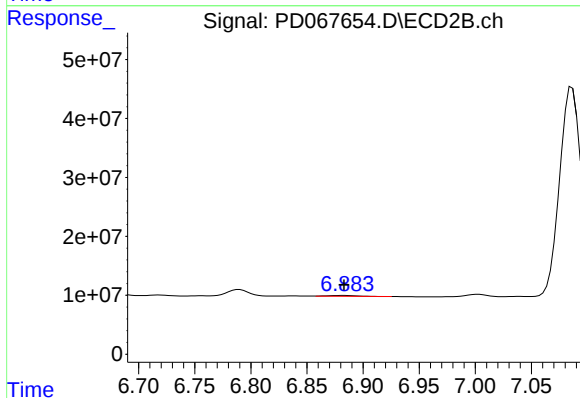
R.T.: 6.662 min
Delta R.T.: -0.006 min
Response: 268985845
Conc: 48.52 ng/ml



#15 Endosulfan II

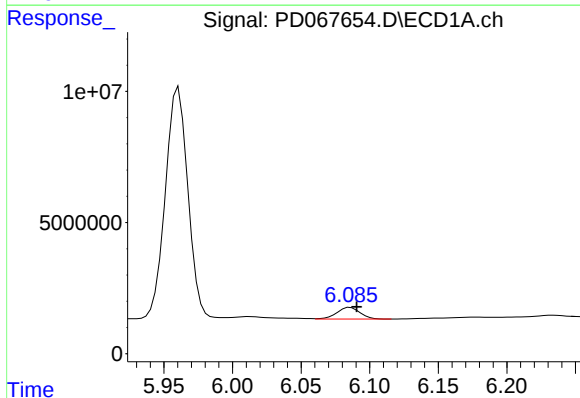
R.T.: 6.234 min
Delta R.T.: -0.004 min
Response: 1945208
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



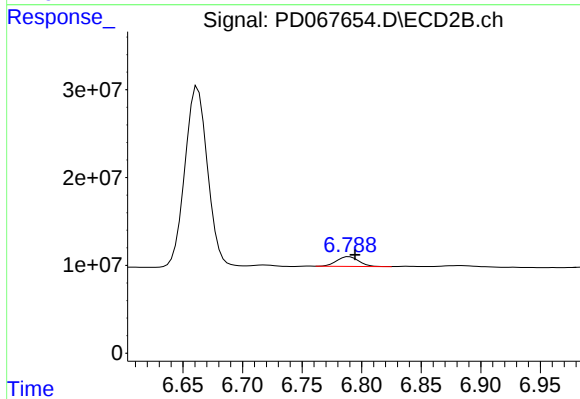
#15 Endosulfan II

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 2867926
Conc: 0.48 ng/ml



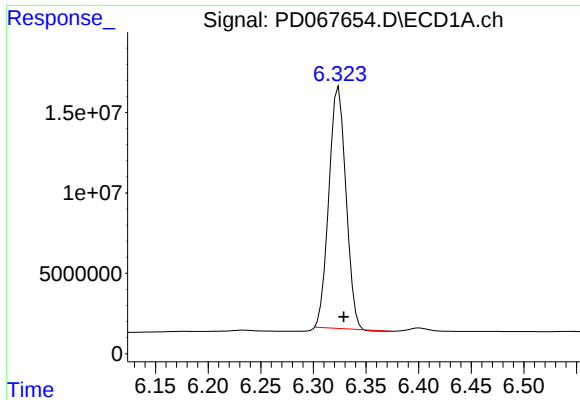
#16 4,4'-DDD

R.T.: 6.086 min
Delta R.T.: -0.005 min
Response: 5192308
Conc: 3.02 ng/ml



#16 4,4'-DDD

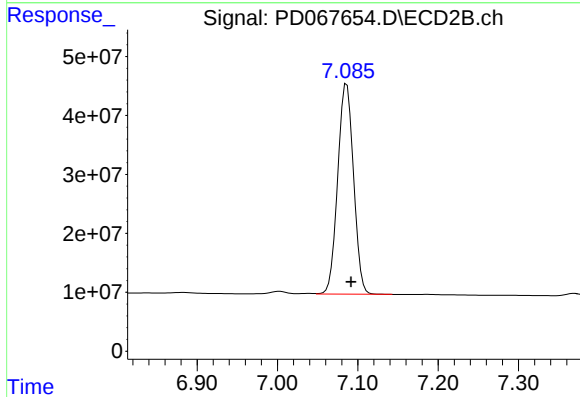
R.T.: 6.790 min
Delta R.T.: -0.005 min
Response: 14211285
Conc: 2.84 ng/ml



#17 4,4'-DDT

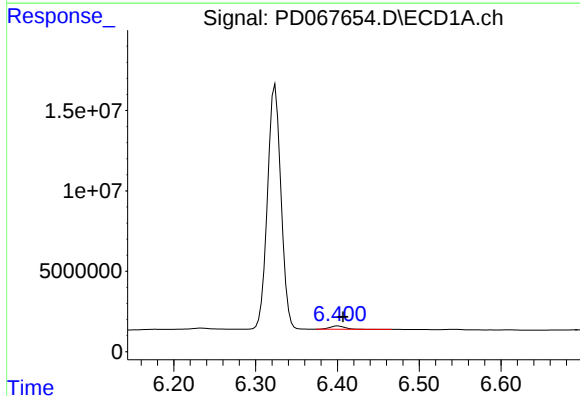
R.T.: 6.324 min
Delta R.T.: -0.005 min
Response: 168899879
Conc: 103.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



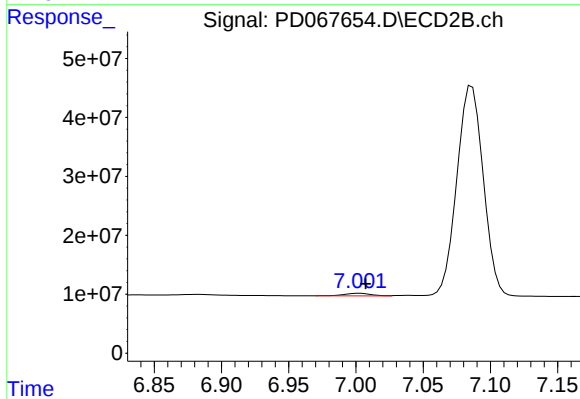
#17 4,4'-DDT

R.T.: 7.086 min
Delta R.T.: -0.005 min
Response: 489947644
Conc: 91.56 ng/ml



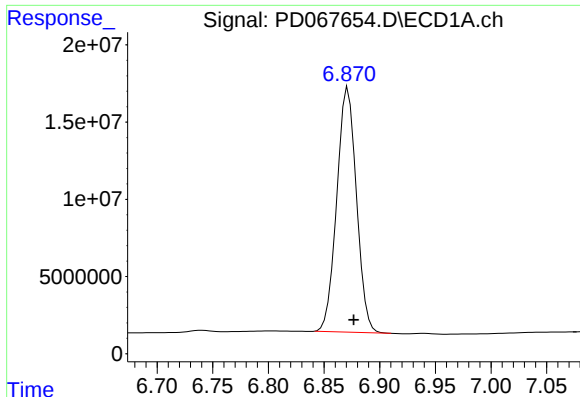
#18 Endrin aldehyde

R.T.: 6.401 min
Delta R.T.: -0.006 min
Response: 2354320
Conc: 1.55 ng/ml



#18 Endrin aldehyde

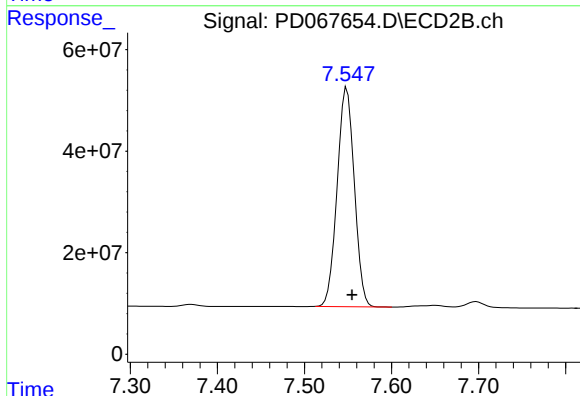
R.T.: 7.003 min
Delta R.T.: -0.005 min
Response: 5983618
Conc: 1.33 ng/ml



#20 Methoxychlor

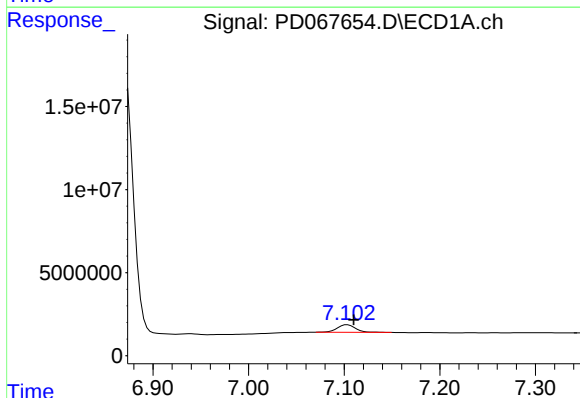
R.T.: 6.872 min
Delta R.T.: -0.005 min
Response: 194793779
Conc: 229.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



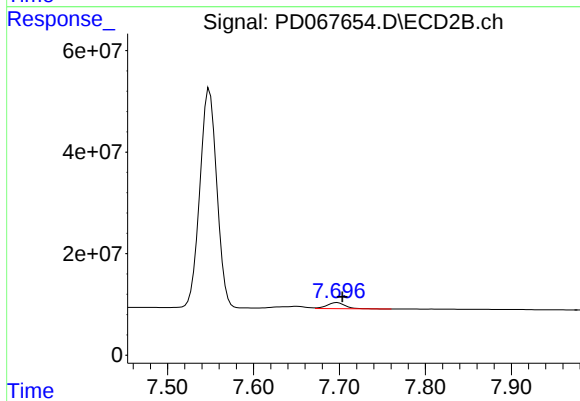
#20 Methoxychlor

R.T.: 7.549 min
Delta R.T.: -0.006 min
Response: 591350956
Conc: 203.81 ng/ml



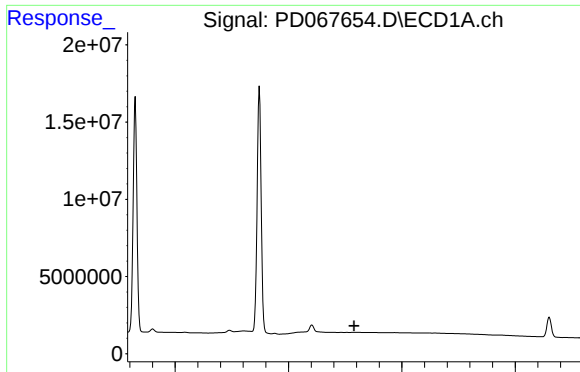
#21 Endrin ketone

R.T.: 7.103 min
Delta R.T.: -0.007 min
Response: 6117499
Conc: 3.57 ng/ml



#21 Endrin ketone

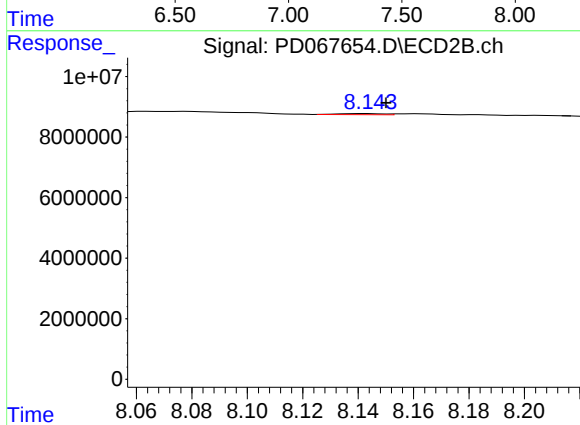
R.T.: 7.697 min
Delta R.T.: -0.006 min
Response: 16941648
Conc: 2.70 ng/ml



#22 Mirex

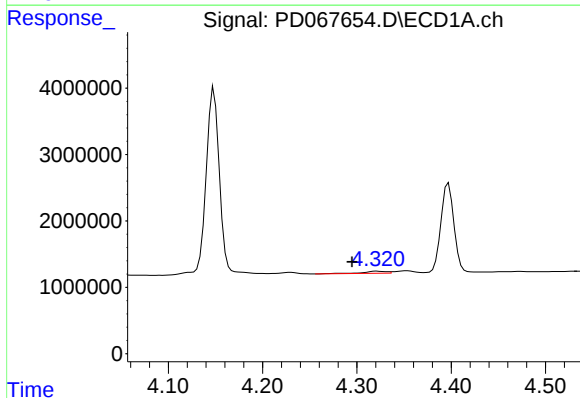
R.T.: 0.000 min
Exp R.T.: 7.290 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



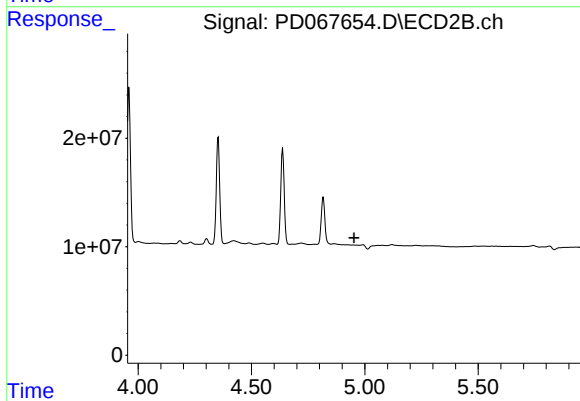
#22 Mirex

R.T.: 8.142 min
Delta R.T.: -0.008 min
Response: 401905
Conc: 0.09 ng/ml



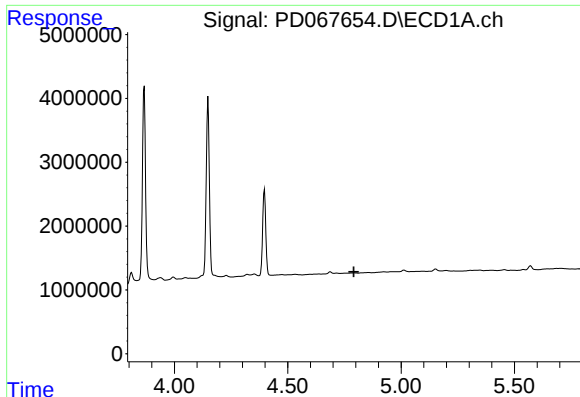
#23 Chlordane-1

R.T.: 4.321 min
Delta R.T.: 0.026 min
Response: 577622
Conc: 7.31 ng/ml



#23 Chlordane-1

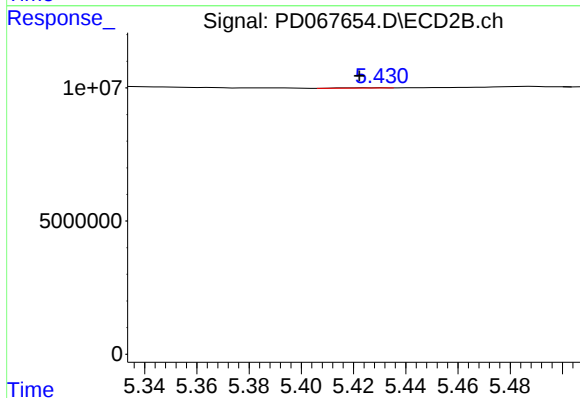
R.T.: 0.000 min
Exp R.T.: 4.953 min
Response: 0
Conc: N.D.



#24 Chlordane-2

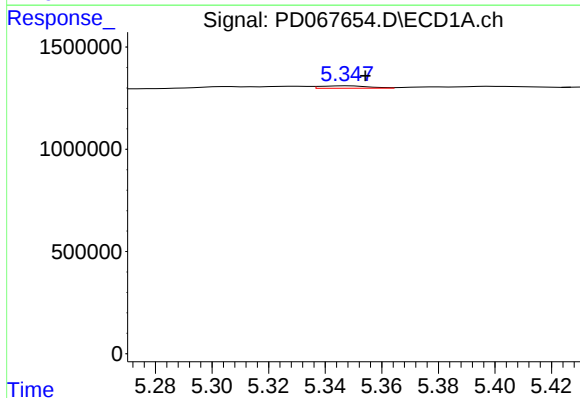
R.T.: 0.000 min
Exp R.T.: 4.792 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



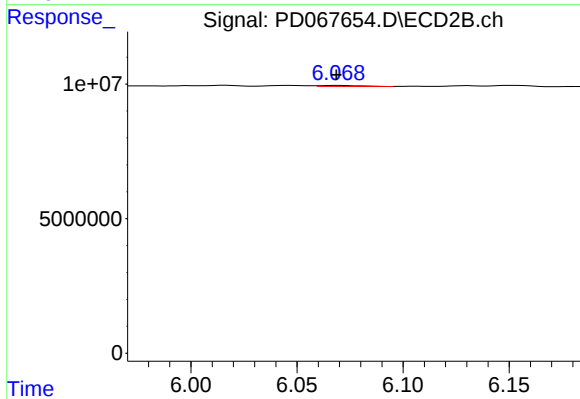
#24 Chlordane-2

R.T.: 5.431 min
Delta R.T.: 0.008 min
Response: 138933
Conc: 0.51 ng/ml



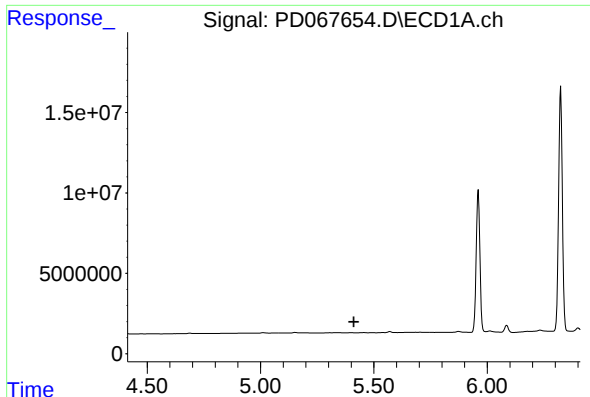
#25 Chlordane-3

R.T.: 5.348 min
Delta R.T.: -0.006 min
Response: 140026
Conc: 0.53 ng/ml



#25 Chlordane-3

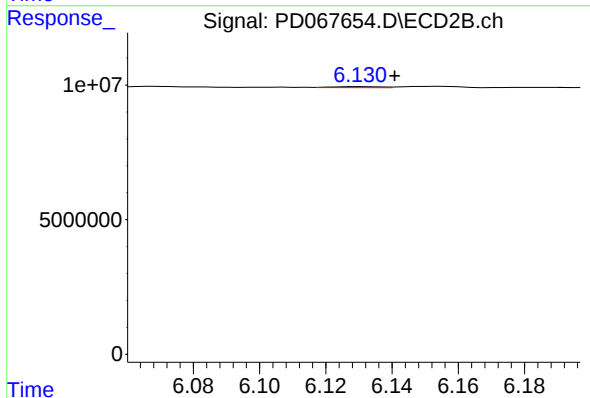
R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 460250
Conc: 0.48 ng/ml



#26 Chlordane-4

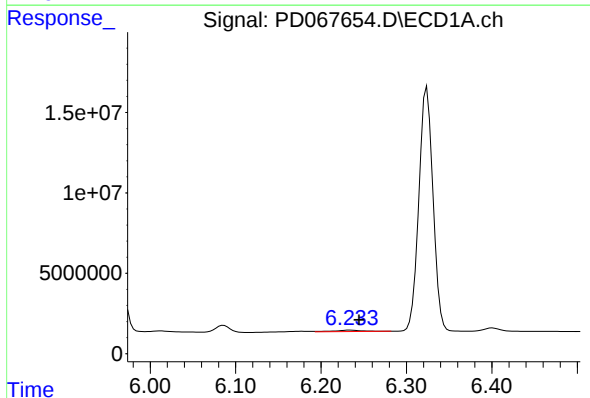
R.T.: 0.000 min
Exp R.T.: 5.412 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



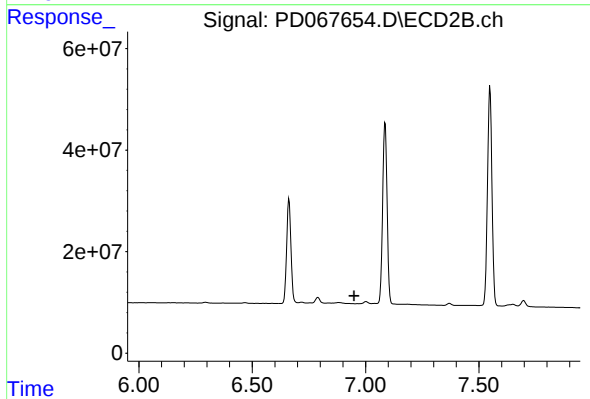
#26 Chlordane-4

R.T.: 6.131 min
Delta R.T.: -0.010 min
Response: 379268
Conc: 0.33 ng/ml



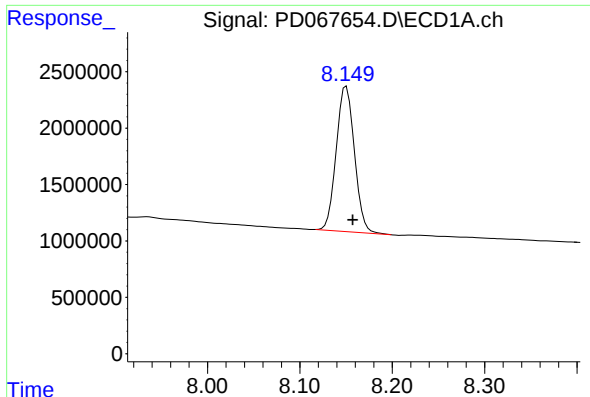
#27 Chlordane-5

R.T.: 6.234 min
Delta R.T.: -0.010 min
Response: 1945208
Conc: 22.47 ng/ml



#27 Chlordane-5

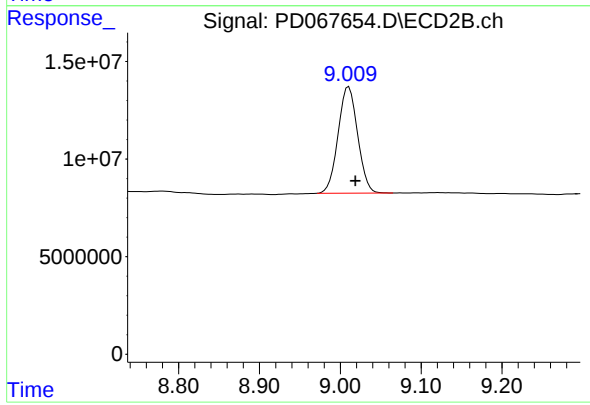
R.T.: 0.000 min
Exp R.T.: 6.950 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.150 min
Delta R.T.: -0.007 min
Response: 17620932
Conc: 19.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.010 min
Delta R.T.: -0.008 min
Response: 91632122
Conc: 19.28 ng/ml