

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020824\
 Data File : PD081213.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2024 15:29
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 20:20:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.565	2.794	30082901	53726633	21.192	22.460
28)	SA Decachlor...	9.112	7.933	38595041	52173039	19.178	19.587
Target Compounds							
2)	A alpha-BHC	4.022	3.296	23064434	40407472	9.286	10.531
3)	MA gamma-BHC...	4.356	3.625	22977380	38043687	9.388	10.175
4)	MA Heptachlor	4.958	0.000	49089	0	0.020	N.D. #
5)	MB Aldrin	0.000	4.255	0	2516197	N.D.	0.691 #
6)	B beta-BHC	4.550	3.920	11117963	18129758	10.988	11.602
7)	B delta-BHC	4.791	0.000	893068	0	0.356	N.D. #
8)	B Heptachlo...	5.710	0.000	2544594	0	1.136	N.D. #
9)	A Endosulfan I	6.072f	0.000	254862	0	0.123	N.D. #
10)	B gamma-Chl...	5.944f	5.004	1770456	1052781	0.809	0.322 #
11)	B alpha-Chl...	6.072f	0.000	254862	0	0.117	N.D. #
12)	B 4,4'-DDE	6.224	5.252	252670	564670	0.124	0.184 #
13)	MA Dieldrin	6.401f	0.000	610278	0	0.276	N.D. #
14)	MA Endrin	6.611	5.658	80825540	143.4E6	43.274	48.397
15)	B Endosulfa...	6.840	5.967f	886964	618931	0.458	0.215 #
16)	A 4,4'-DDD	6.742	5.804	2609338	4574168	1.588	1.742
17)	MA 4,4'-DDT	7.058	6.055	157.8E6	262.0E6	88.594	98.750
18)	B Endrin al...	6.959	6.130	2836073	4552988	1.864	2.019
20)	A Methoxychlor	7.532	6.630	200.7E6	329.3E6	195.036	210.376
21)	B Endrin ke...	7.681	6.858	4986208	9472889	2.384	2.935
22)	Mirex	0.000	7.059f	0	90533	N.D.	0.036 #
24)	Chlordane-2	0.000	4.378	0	1595762	N.D.	13.019 #
25)	Chlordane-3	5.944f	5.004	1770456	1052781	5.606	3.137 #
26)	Chlordane-4	6.072f	0.000	254862	0	0.669	N.D. #
27)	Chlordane-5	0.000	5.967	0	618931	N.D.	5.105 #

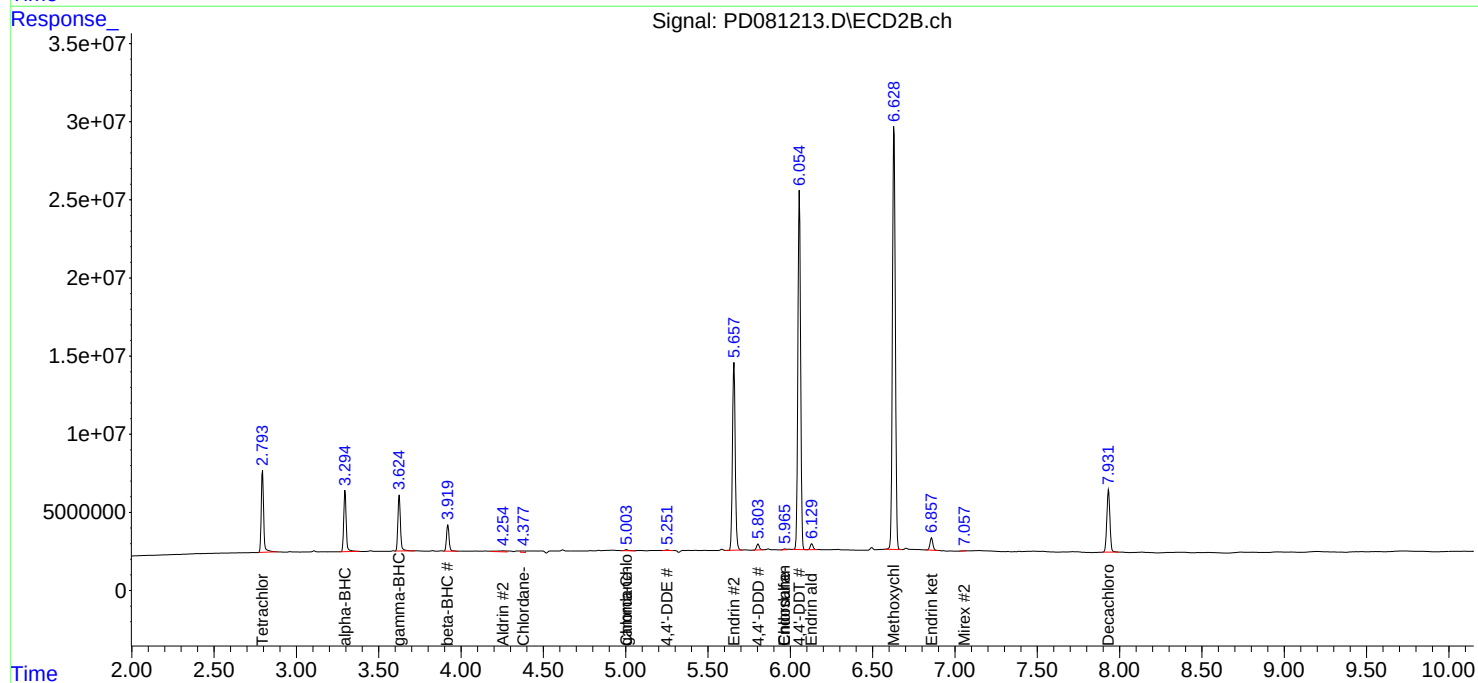
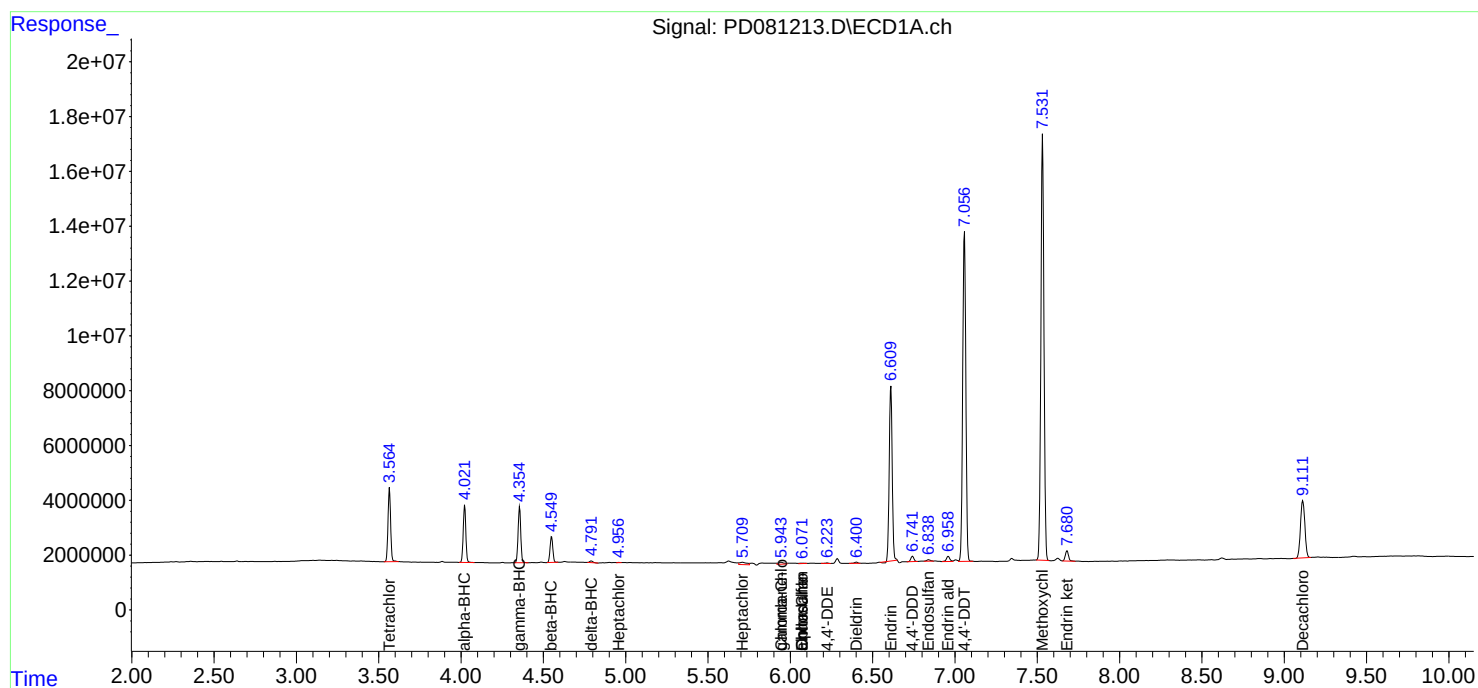
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

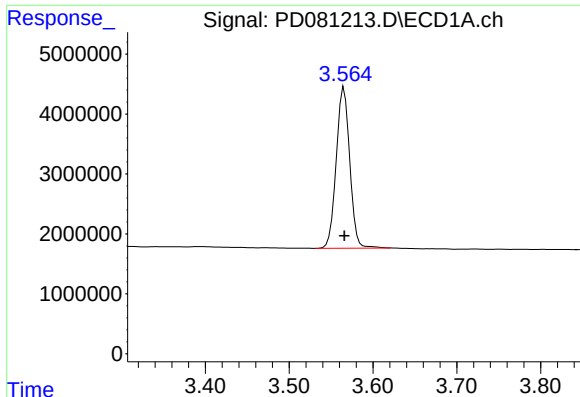
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020824\
Data File : PD081213.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Feb 2024 15:29
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 08 20:20:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

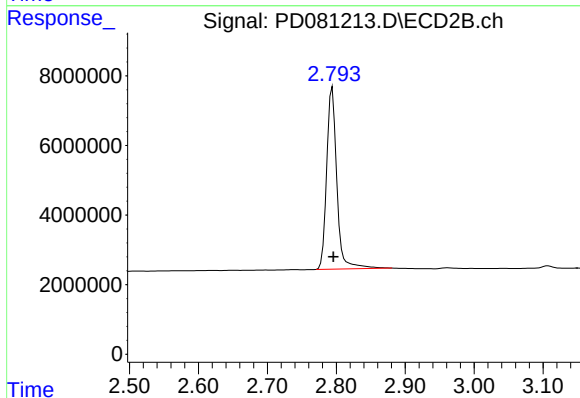




#1 Tetrachloro-m-xylene

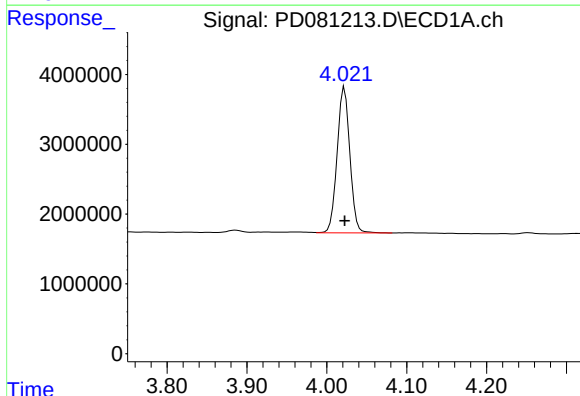
R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 30082901
Conc: 21.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



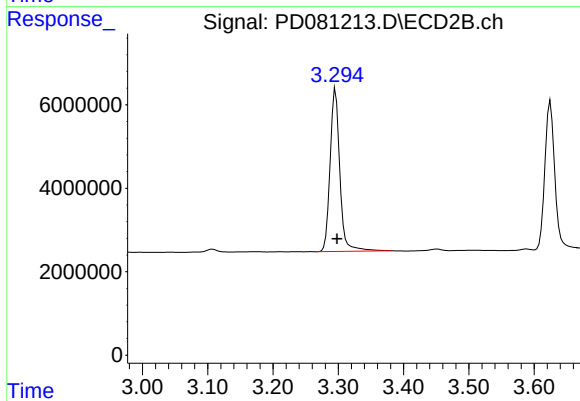
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: -0.002 min
Response: 53726633
Conc: 22.46 ng/ml



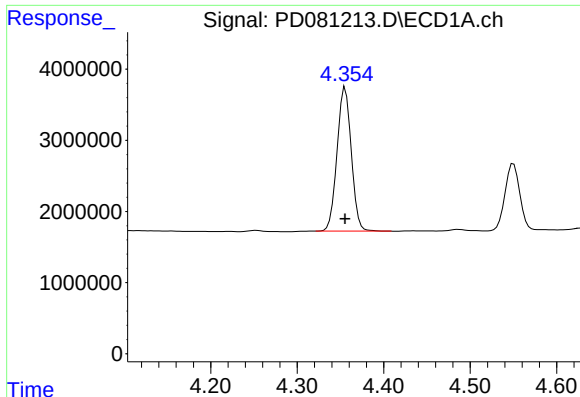
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 23064434
Conc: 9.29 ng/ml



#2 alpha-BHC

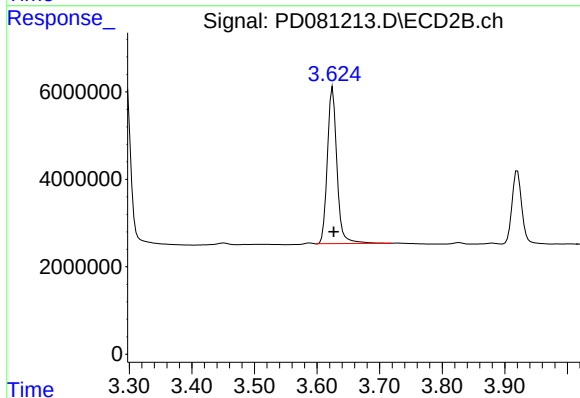
R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 40407472
Conc: 10.53 ng/ml



#3 gamma-BHC (Lindane)

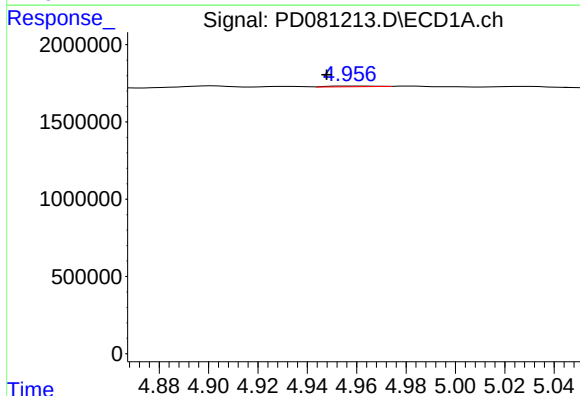
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 22977380
Conc: 9.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



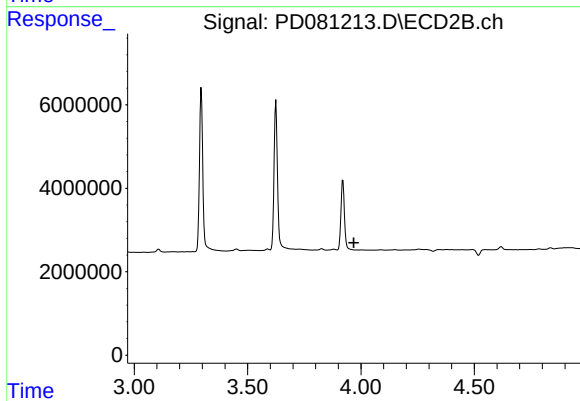
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 38043687
Conc: 10.18 ng/ml



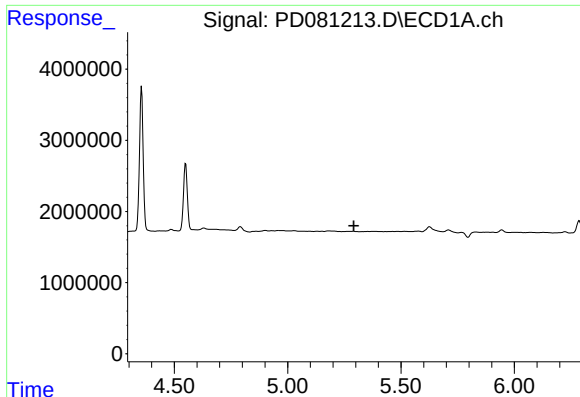
#4 Heptachlor

R.T.: 4.958 min
Delta R.T.: 0.010 min
Response: 49089
Conc: 0.02 ng/ml



#4 Heptachlor

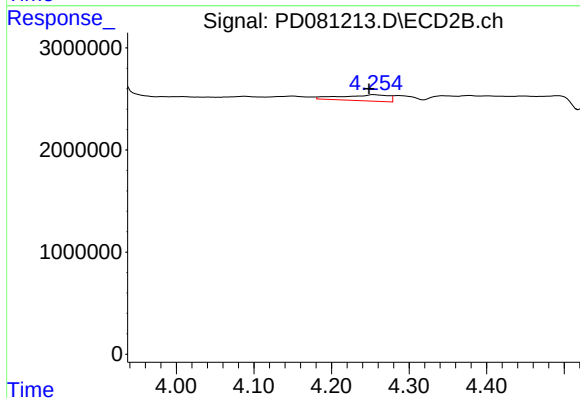
R.T.: 0.000 min
Exp R.T. : 3.968 min
Response: 0
Conc: N.D.



#5 Aldrin

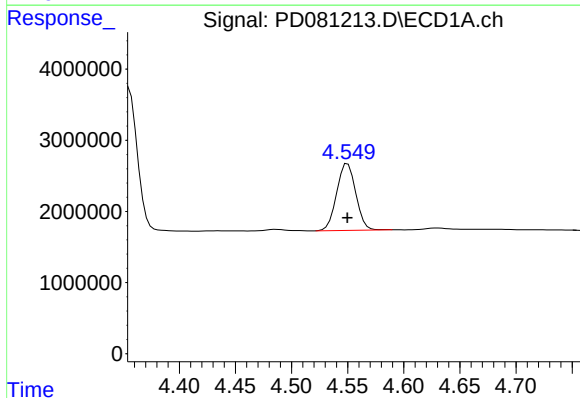
R.T.: 0.000 min
Exp R.T.: 5.292 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



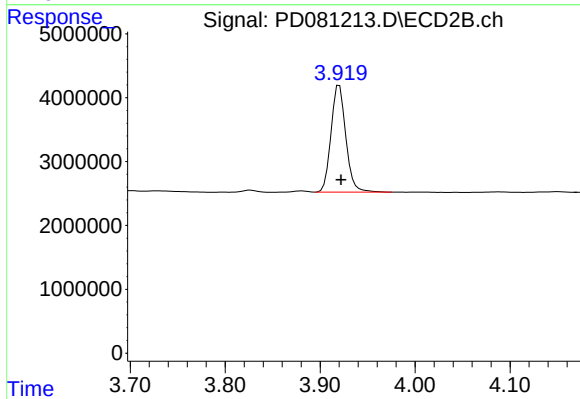
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.006 min
Response: 2516197
Conc: 0.69 ng/ml



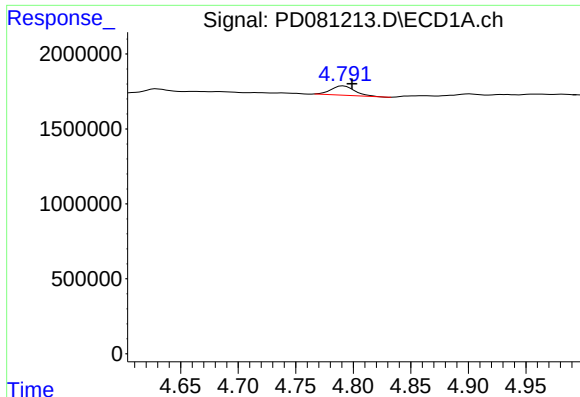
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 11117963
Conc: 10.99 ng/ml



#6 beta-BHC

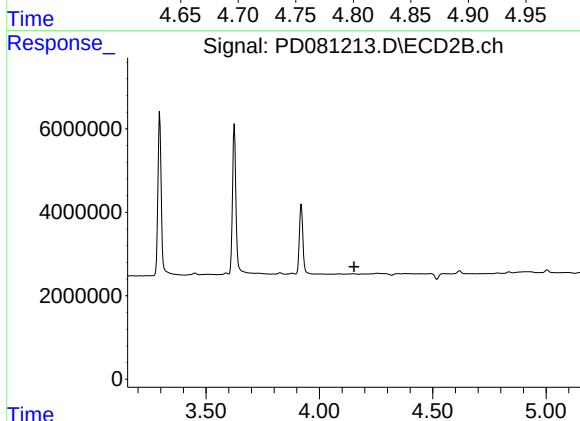
R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 18129758
Conc: 11.60 ng/ml



#7 delta-BHC

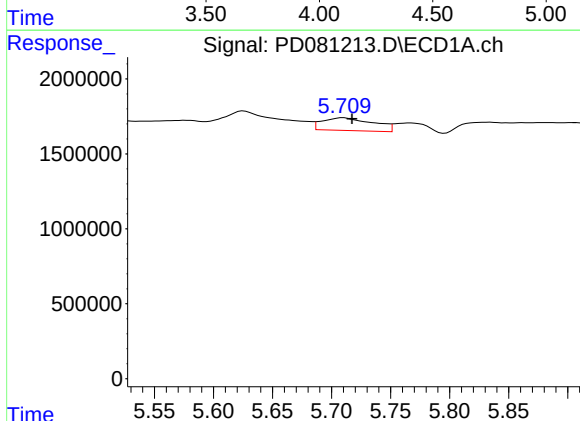
R.T.: 4.791 min
Delta R.T.: -0.008 min
Response: 893068
Conc: 0.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



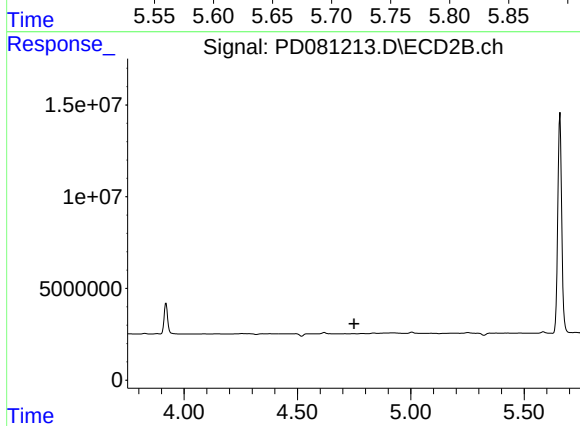
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.153 min
Response: 0
Conc: N.D.



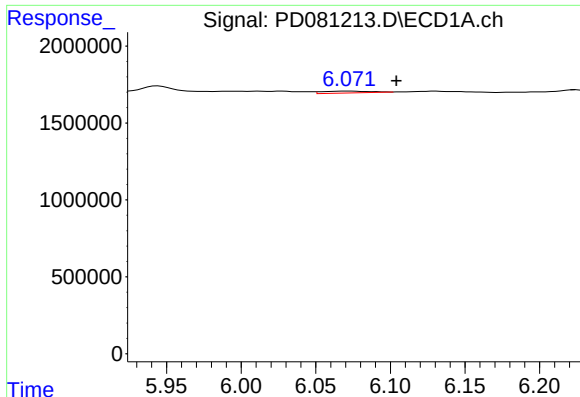
#8 Heptachlor epoxide

R.T.: 5.710 min
Delta R.T.: -0.007 min
Response: 2544594
Conc: 1.14 ng/ml



#8 Heptachlor epoxide

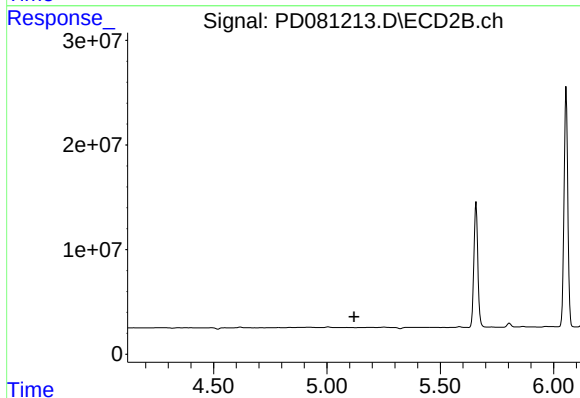
R.T.: 0.000 min
Exp R.T. : 4.750 min
Response: 0
Conc: N.D.



#9 Endosulfan I

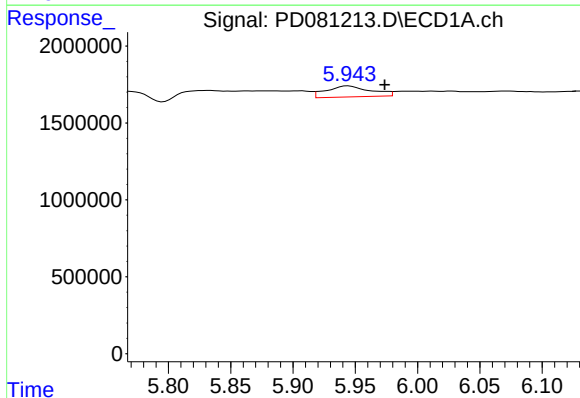
R.T.: 6.072 min
Delta R.T.: -0.032 min
Response: 254862
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



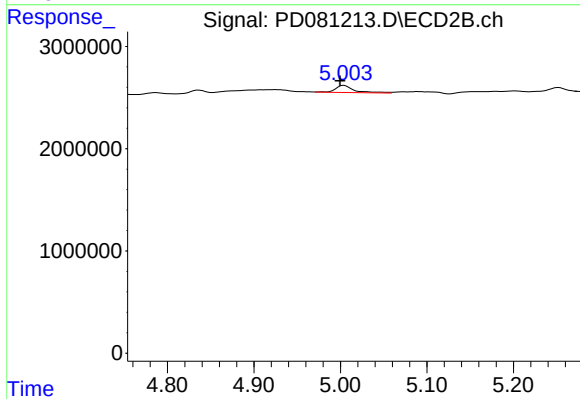
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.120 min
Response: 0
Conc: N.D.



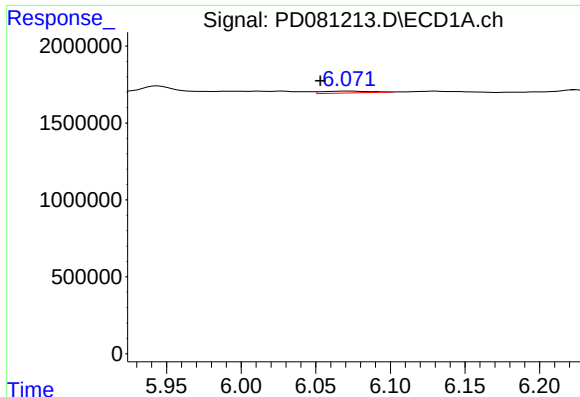
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.029 min
Response: 1770456
Conc: 0.81 ng/ml



#10 gamma-Chlordane

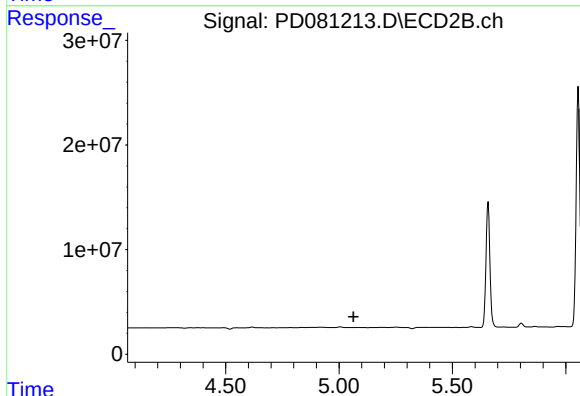
R.T.: 5.004 min
Delta R.T.: 0.005 min
Response: 1052781
Conc: 0.32 ng/ml



#11 alpha-Chlordane

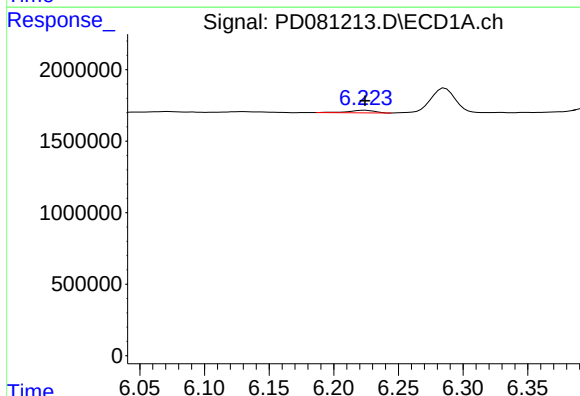
R.T.: 6.072 min
Delta R.T.: 0.019 min
Response: 254862
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



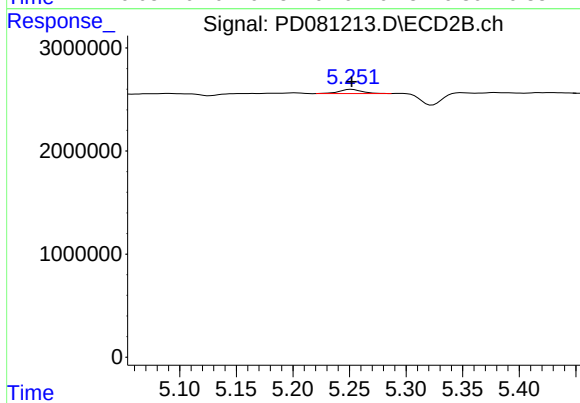
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.064 min
Response: 0
Conc: N.D.



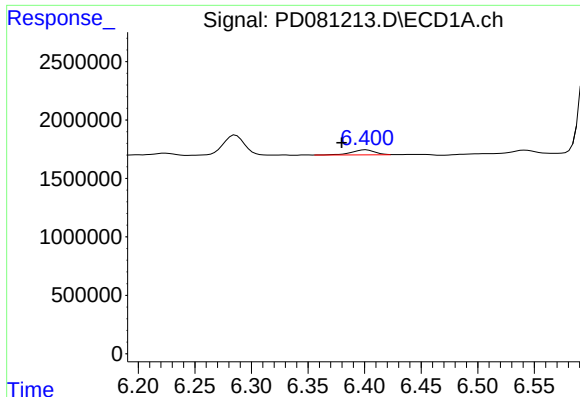
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 252670
Conc: 0.12 ng/ml



#12 4,4'-DDE

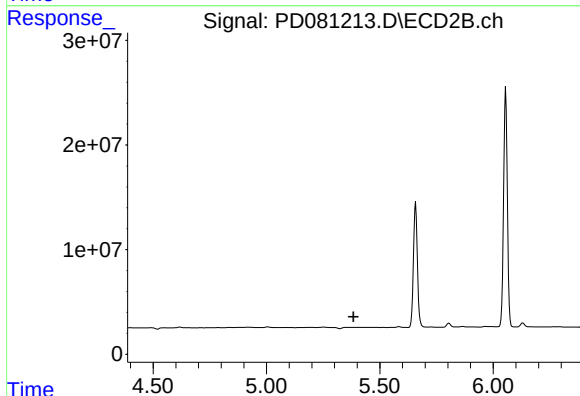
R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 564670
Conc: 0.18 ng/ml



#13 Dieldrin

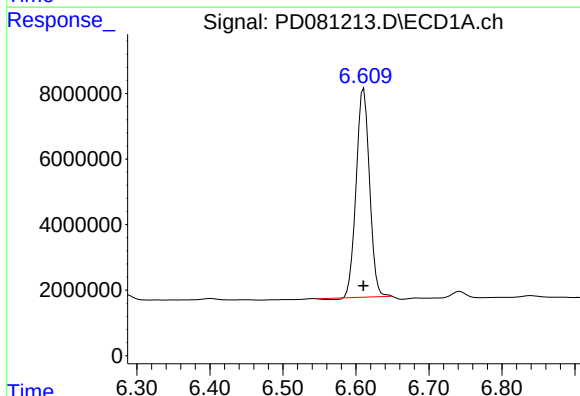
R.T.: 6.401 min
Delta R.T.: 0.021 min
Response: 610278
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



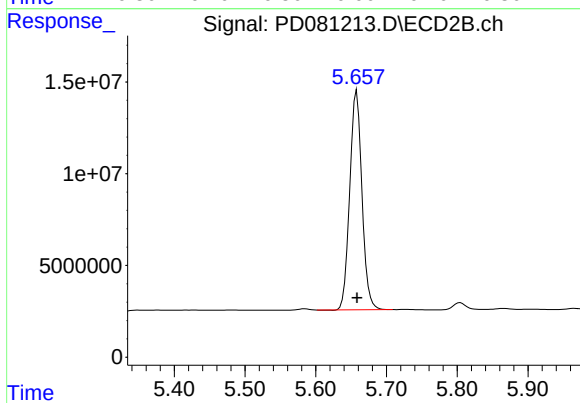
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.384 min
Response: 0
Conc: N.D.



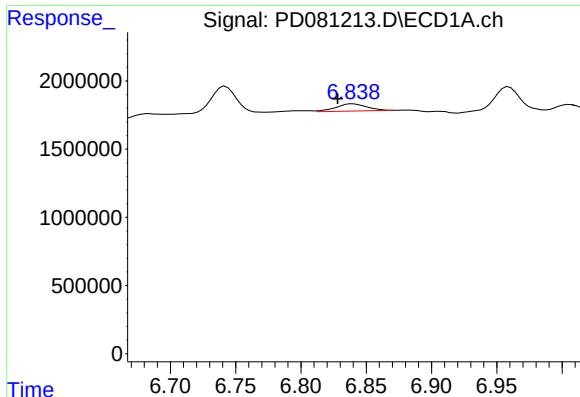
#14 Endrin

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 80825540
Conc: 43.27 ng/ml



#14 Endrin

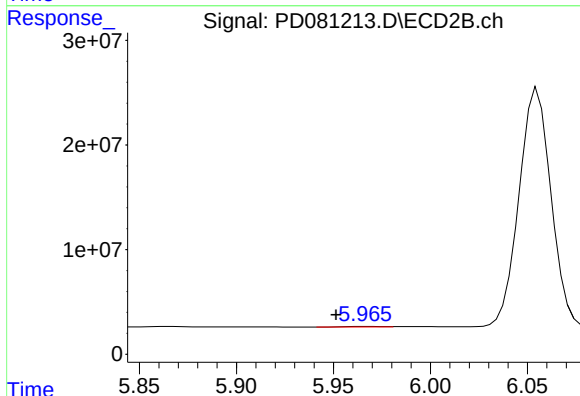
R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 143419511
Conc: 48.40 ng/ml



#15 Endosulfan II

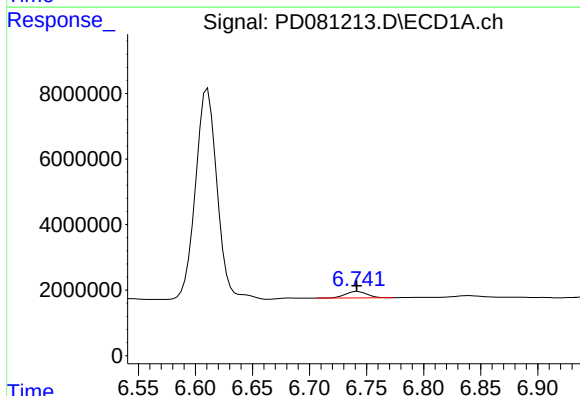
R.T.: 6.840 min
Delta R.T.: 0.011 min
Response: 886964
Conc: 0.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



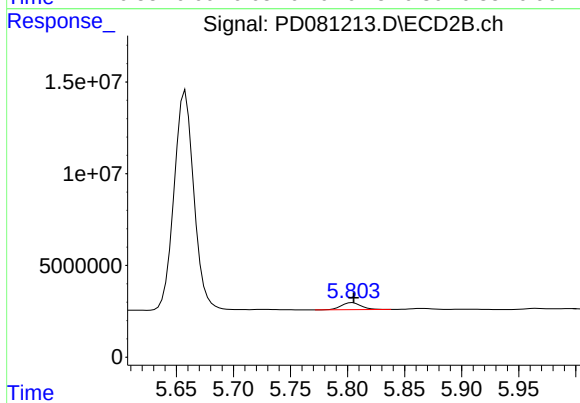
#15 Endosulfan II

R.T.: 5.967 min
Delta R.T.: 0.015 min
Response: 618931
Conc: 0.22 ng/ml



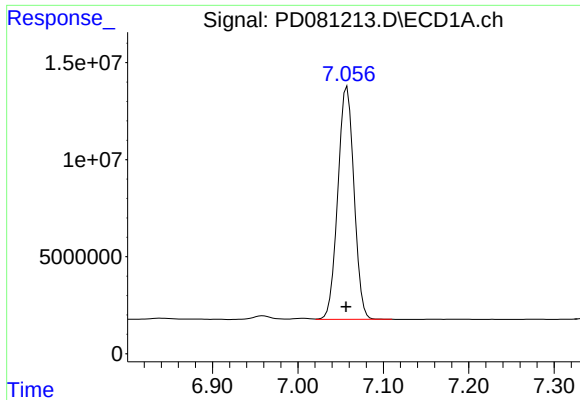
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: 0.001 min
Response: 2609338
Conc: 1.59 ng/ml



#16 4,4'-DDD

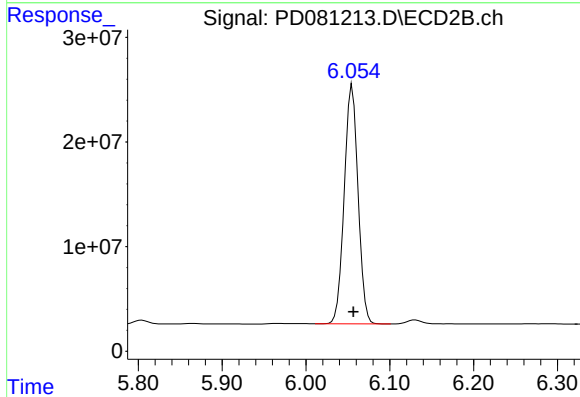
R.T.: 5.804 min
Delta R.T.: -0.001 min
Response: 4574168
Conc: 1.74 ng/ml



#17 4,4'-DDT

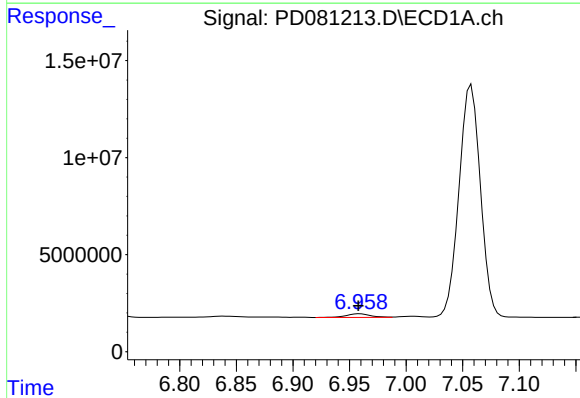
R.T.: 7.058 min
Delta R.T.: 0.001 min
Response: 157775237
Conc: 88.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



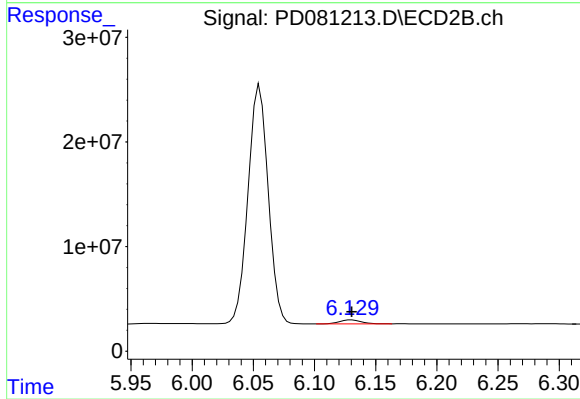
#17 4,4'-DDT

R.T.: 6.055 min
Delta R.T.: -0.001 min
Response: 261988534
Conc: 98.75 ng/ml



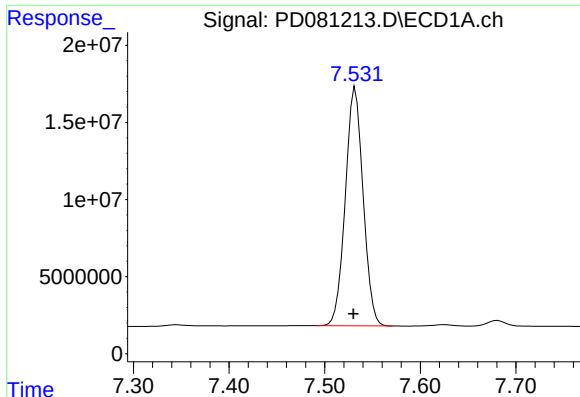
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: 0.001 min
Response: 2836073
Conc: 1.86 ng/ml



#18 Endrin aldehyde

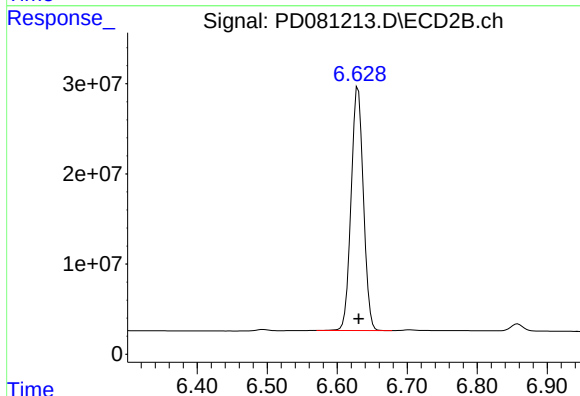
R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 4552988
Conc: 2.02 ng/ml



#20 Methoxychlor

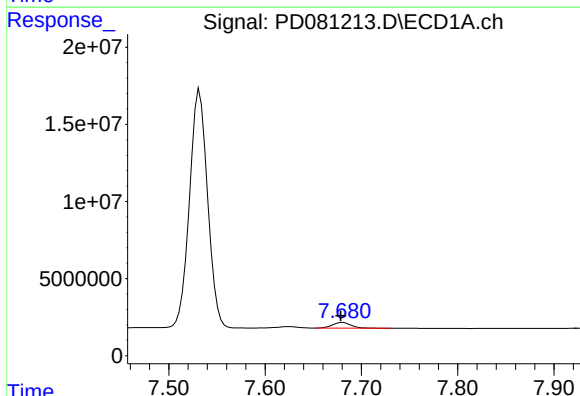
R.T.: 7.532 min
Delta R.T.: 0.002 min
Response: 200746558
Conc: 195.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



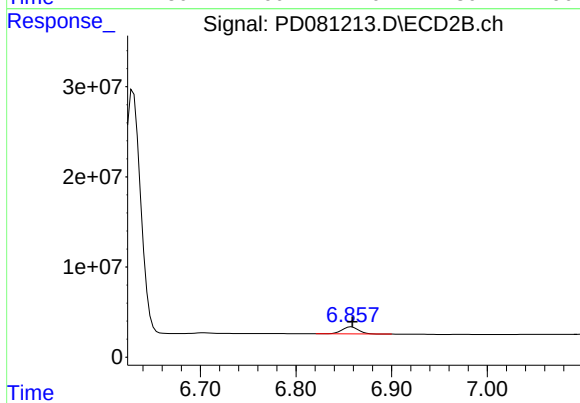
#20 Methoxychlor

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 329292094
Conc: 210.38 ng/ml



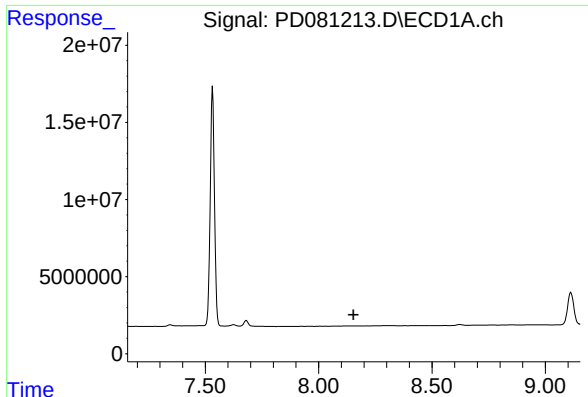
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.002 min
Response: 4986208
Conc: 2.38 ng/ml



#21 Endrin ketone

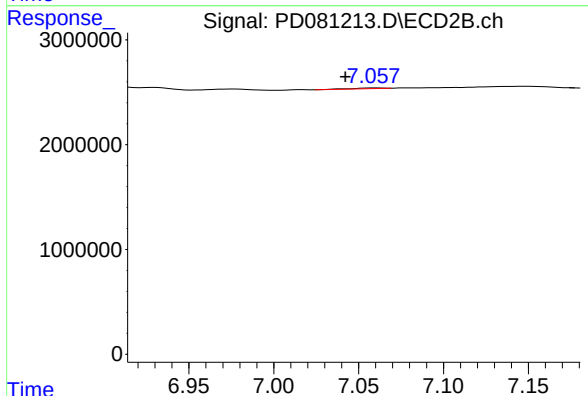
R.T.: 6.858 min
Delta R.T.: -0.001 min
Response: 9472889
Conc: 2.94 ng/ml



#22 Mirex

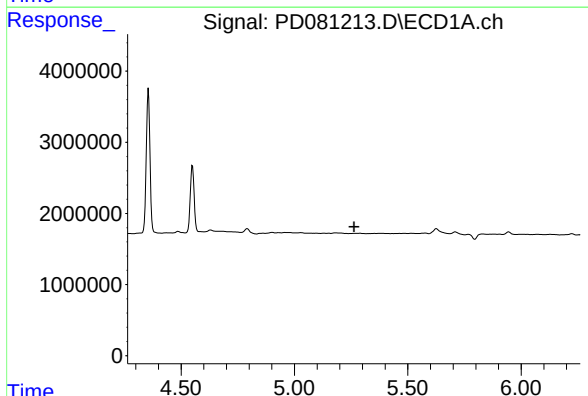
R.T.: 0.000 min
Exp R.T.: 8.154 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



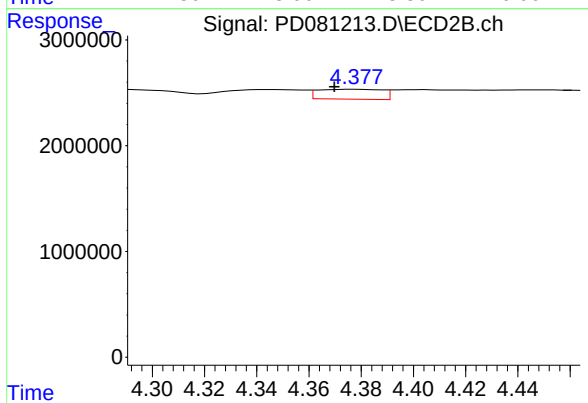
#22 Mirex

R.T.: 7.059 min
Delta R.T.: 0.017 min
Response: 90533
Conc: 0.04 ng/ml



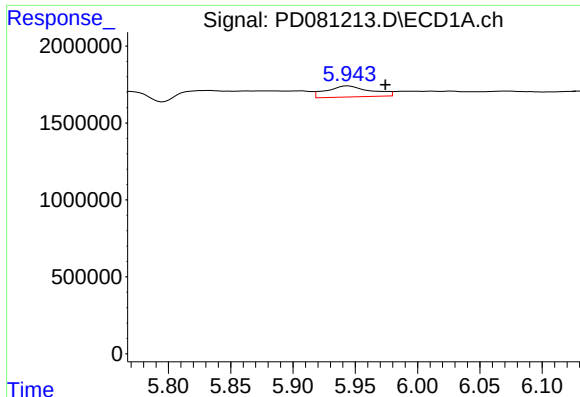
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.263 min
Response: 0
Conc: N.D.



#24 Chlordane-2

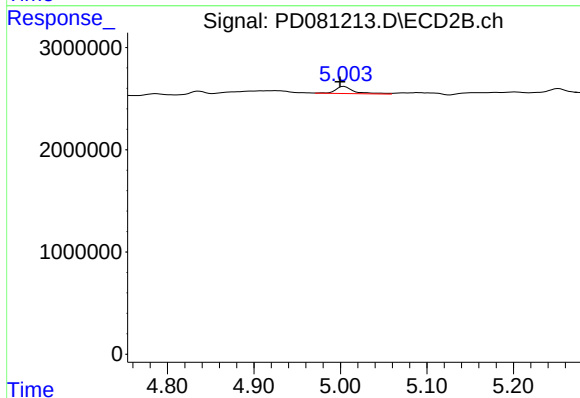
R.T.: 4.378 min
Delta R.T.: 0.008 min
Response: 1595762
Conc: 13.02 ng/ml



#25 Chlordane-3

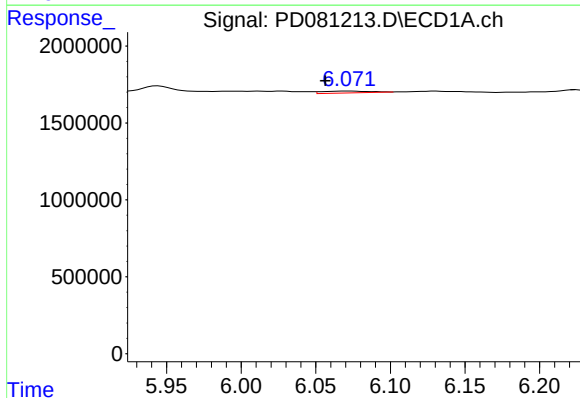
R.T.: 5.944 min
Delta R.T.: -0.030 min
Response: 1770456
Conc: 5.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



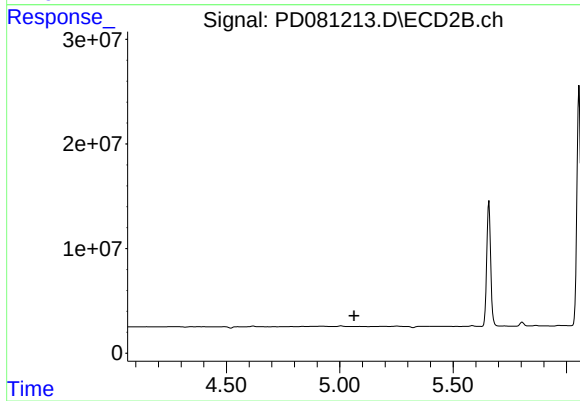
#25 Chlordane-3

R.T.: 5.004 min
Delta R.T.: 0.005 min
Response: 1052781
Conc: 3.14 ng/ml



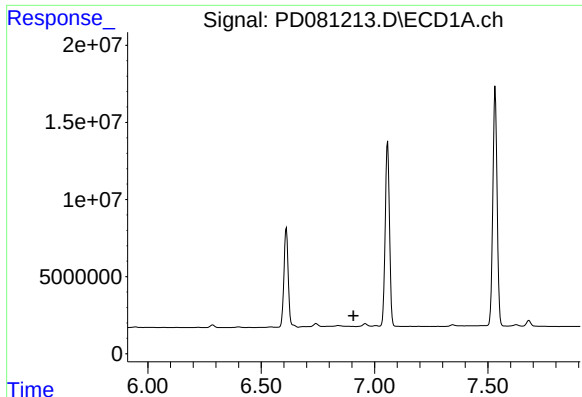
#26 Chlordane-4

R.T.: 6.072 min
Delta R.T.: 0.015 min
Response: 254862
Conc: 0.67 ng/ml



#26 Chlordane-4

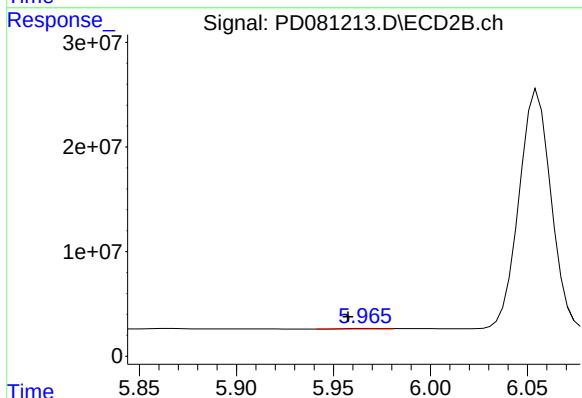
R.T.: 0.000 min
Exp R.T. : 5.063 min
Response: 0
Conc: N.D.



#27 Chlordane-5

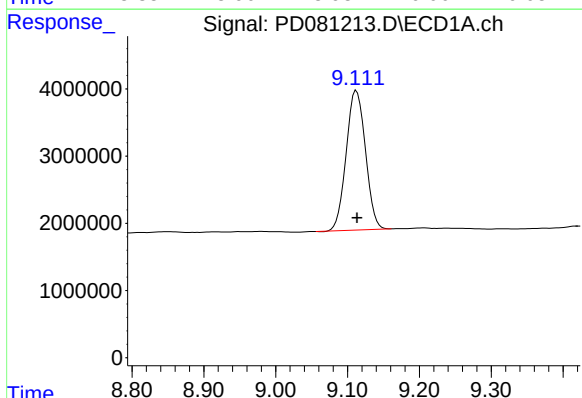
R.T.: 0.000 min
Exp R.T.: 6.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



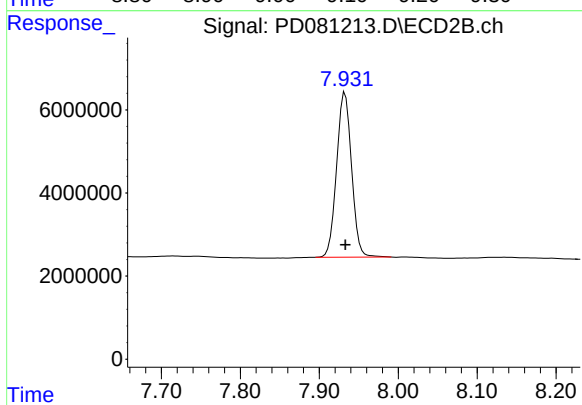
#27 Chlordane-5

R.T.: 5.967 min
Delta R.T.: 0.009 min
Response: 618931
Conc: 5.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 38595041
Conc: 19.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 52173039
Conc: 19.59 ng/ml