

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061025\
 Data File : PD088854.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jun 2025 09:20
 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: Jun 10 14:12:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 2025
 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...	3.548	2.879	51310089	316.0E6	23.714	20.893
28)	SA Decachlor...	9.073	8.072	79873105	418.4E6	23.339	22.917
Target Compounds							
2)	A alpha-BHC	3.997	3.391	48363729	258.9E6	10.125	10.830
3)	MA gamma-BHC...	4.328	3.728	47829753	241.6E6	10.392	10.900
4)	MA Heptachlor	4.933	4.076	332408	772613	0.074	0.034 #
5)	MB Aldrin	0.000	4.362	0	1953626	N.D.	0.089 #
6)	B beta-BHC	4.514	4.024	20619526	107.1E6	11.435	10.991
7)	B delta-BHC	4.756	4.261	1234916	1181982	0.292	0.053 #
8)	B Heptachlo...	5.681	4.884	225510	588390	0.057	0.030 #
9)	A Endosulfan I	0.000	5.228f	0	2491242	N.D.	0.131 #
10)	B gamma-Chl...	5.944	5.124	577982	4528859	0.145	0.212 #
11)	B alpha-Chl...	6.031	5.184	784832	5548309	0.196	0.269 #
12)	B 4,4'-DDE	6.201	5.374	331514	4927393	0.092	0.236 #
13)	MA Dieldrin	6.364	5.512	138520	375924	0.035	0.018 #
14)	MA Endrin	6.574	5.788	184.6E6	940.6E6	54.049	48.774
15)	B Endosulfa...	6.804f	6.085	1383582	1725286	0.402	0.094 #
16)	A 4,4'-DDD	6.704	5.929	3555161	23797435	1.276	1.368
17)	MA 4,4'-DDT	7.021	6.182	341.2E6	1750.2E6	109.295	96.497
18)	B Endrin al...	6.916	6.256	757854	10063490	0.294	0.722 #
20)	A Methoxychlor	7.493	6.753	418.7E6	1854.9E6	250.645	193.722
21)	B Endrin ke...	7.629	6.990	1863647	19621282	0.544	1.014 #
22)	Mirex	0.000	7.176	0	3587557	N.D.	0.236 #
23)	Chlordane-1	0.000	3.931f	0	1447189	N.D.	1.751 #
24)	Chlordane-2	0.000	4.485	0	6319646	N.D.	7.488 #
25)	Chlordane-3	5.944	5.124	577982	4528859	0.781	1.718 #
26)	Chlordane-4	6.031	5.184	784832	5548309	0.876	2.508 #
27)	Chlordane-5	6.869	6.085	272695	1725286	1.792	1.724

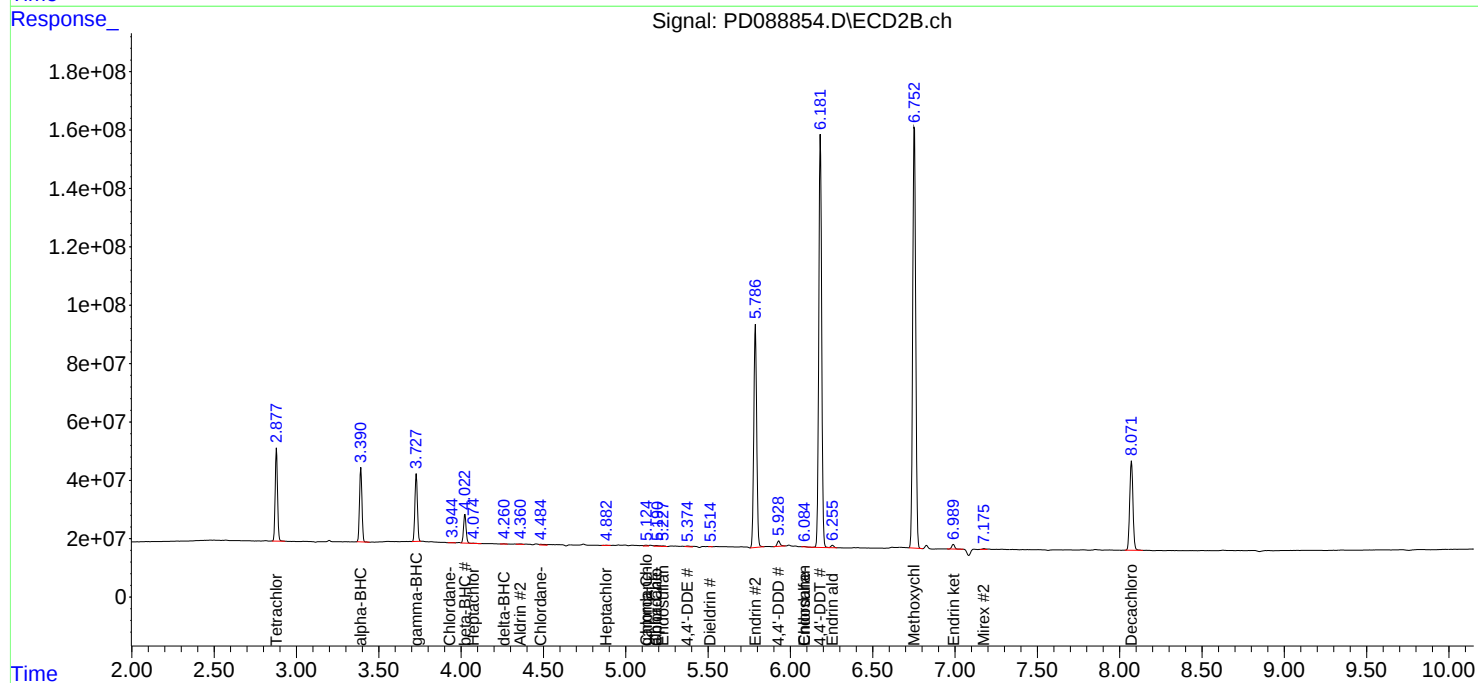
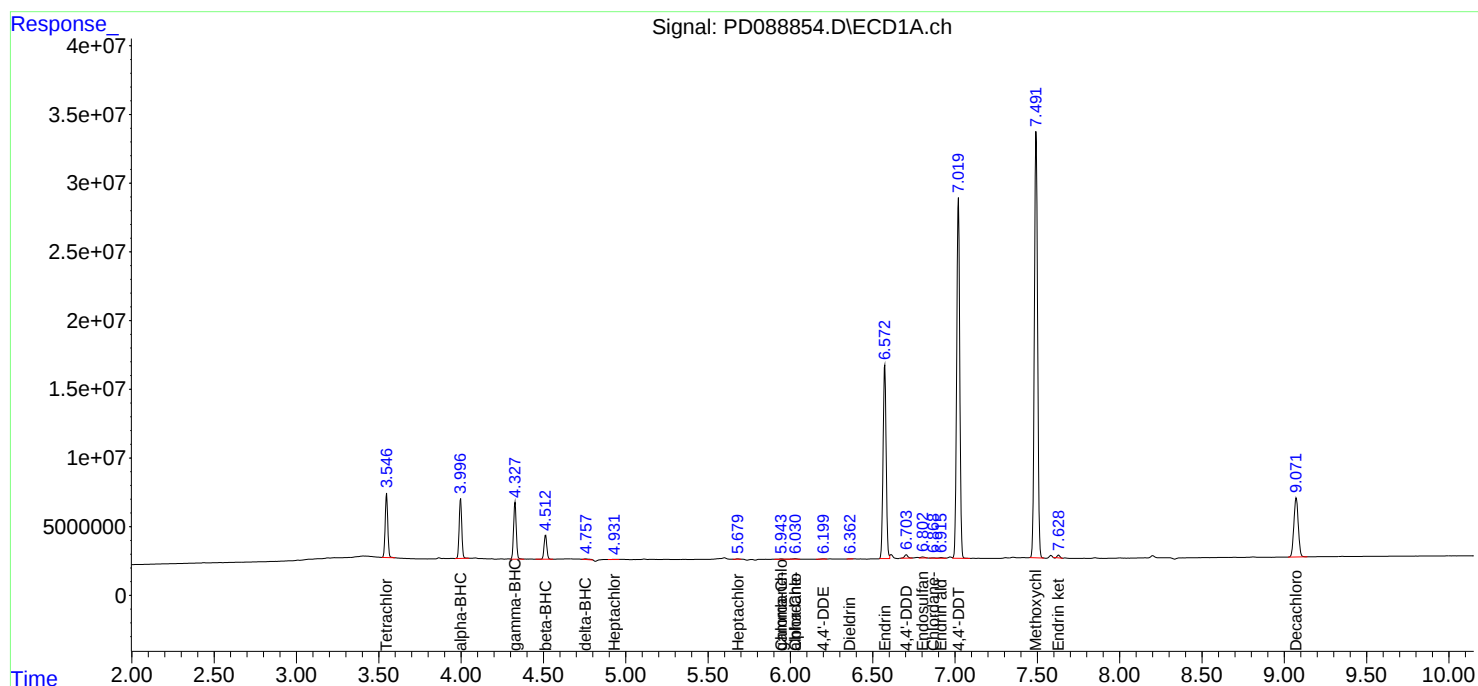
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

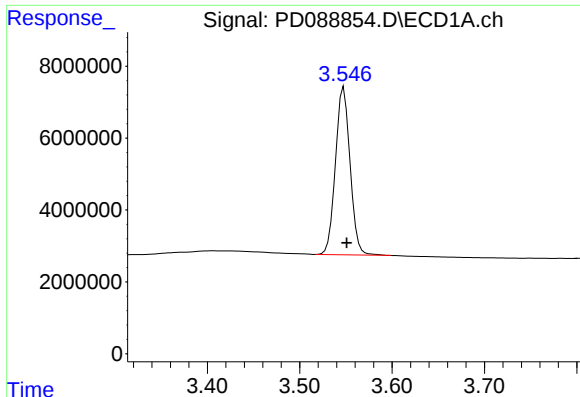
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061025\
Data File : PD088854.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 09:20
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 14:12:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
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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

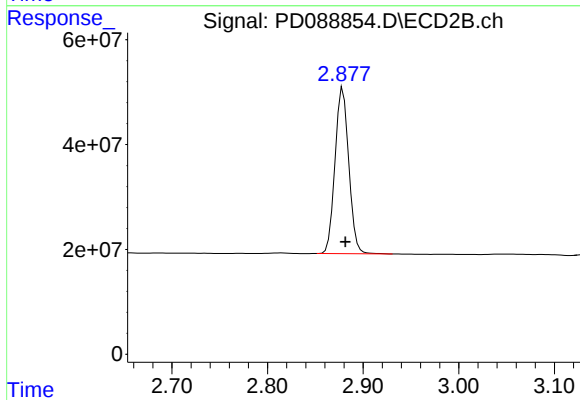




#1 Tetrachloro-m-xylene

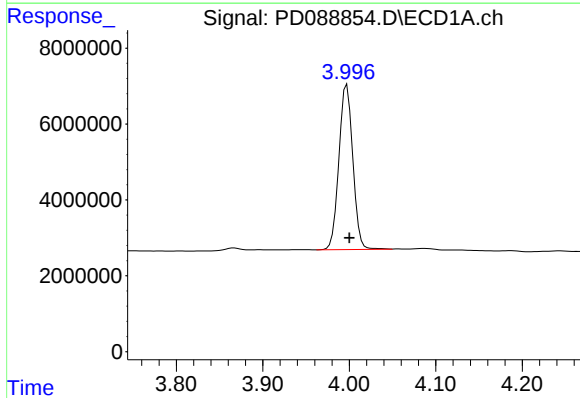
R.T.: 3.548 min
Delta R.T.: -0.003 min
Response: 51310089
Conc: 23.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



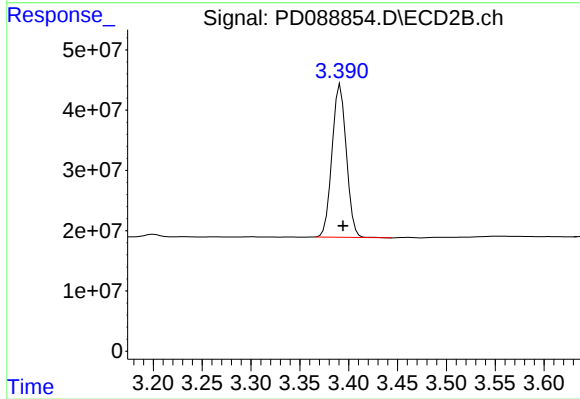
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.003 min
Response: 316039014
Conc: 20.89 ng/ml



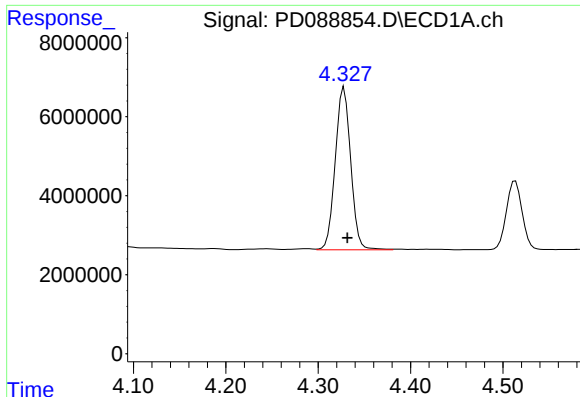
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.003 min
Response: 48363729
Conc: 10.13 ng/ml



#2 alpha-BHC

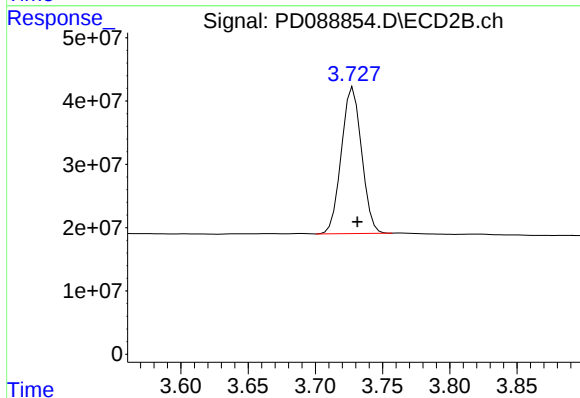
R.T.: 3.391 min
Delta R.T.: -0.003 min
Response: 258870530
Conc: 10.83 ng/ml



#3 gamma-BHC (Lindane)

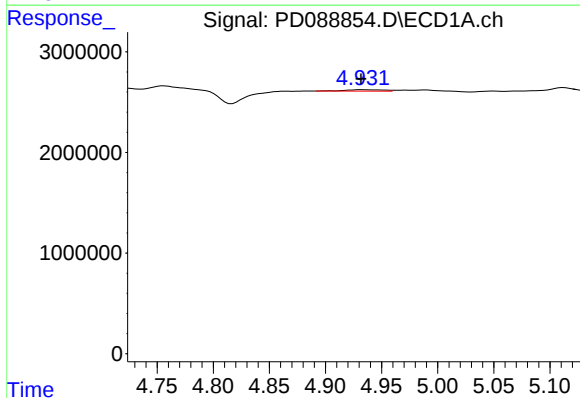
R.T.: 4.328 min
Delta R.T.: -0.003 min
Response: 47829753
Conc: 10.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



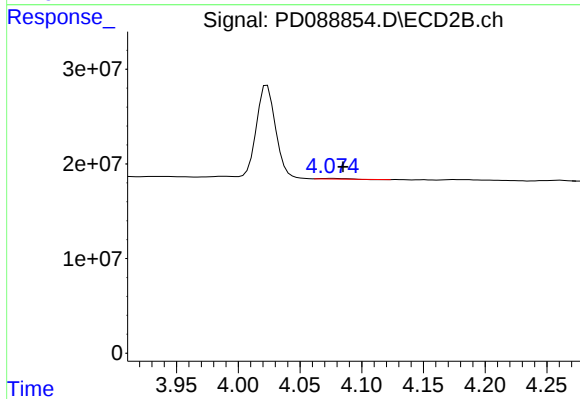
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.003 min
Response: 241612348
Conc: 10.90 ng/ml



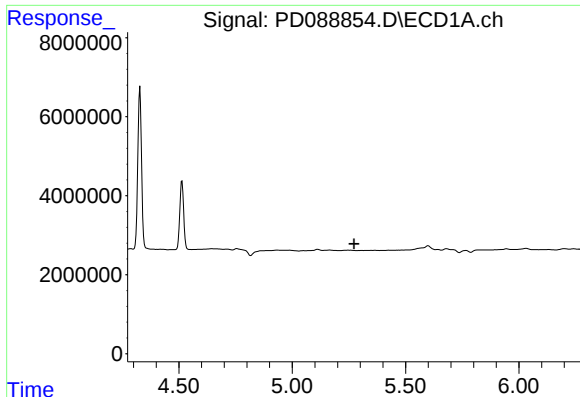
#4 Heptachlor

R.T.: 4.933 min
Delta R.T.: 0.001 min
Response: 332408
Conc: 0.07 ng/ml



#4 Heptachlor

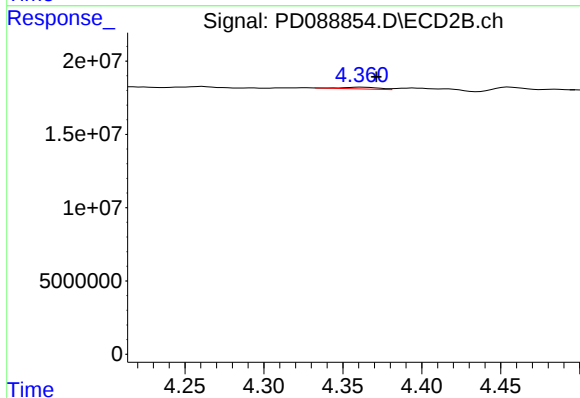
R.T.: 4.076 min
Delta R.T.: -0.009 min
Response: 772613
Conc: 0.03 ng/ml



#5 Aldrin

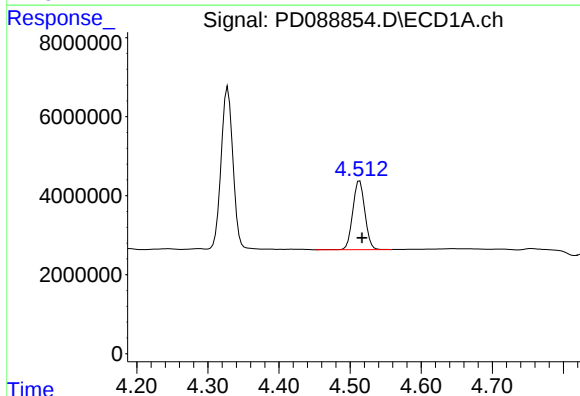
R.T.: 0.000 min
Exp R.T.: 5.273 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



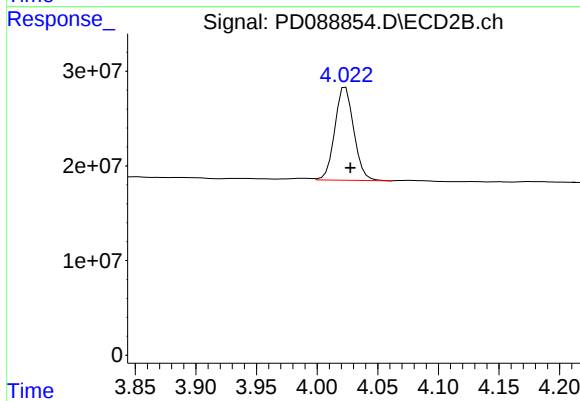
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.010 min
Response: 1953626
Conc: 0.09 ng/ml



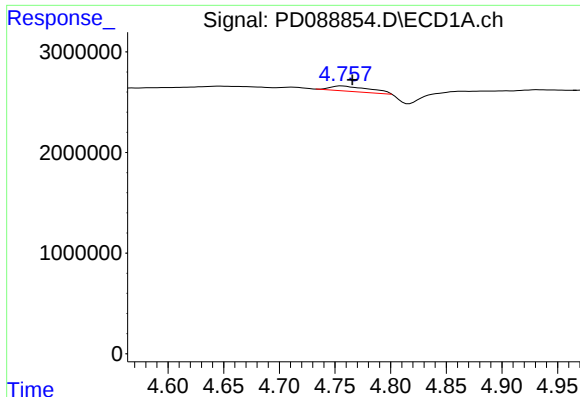
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 20619526
Conc: 11.44 ng/ml



#6 beta-BHC

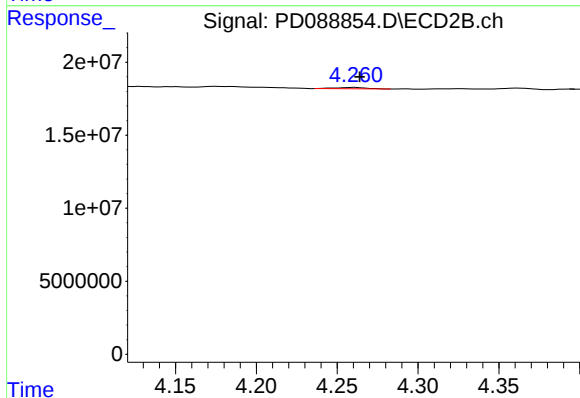
R.T.: 4.024 min
Delta R.T.: -0.004 min
Response: 107076549
Conc: 10.99 ng/ml



#7 delta-BHC

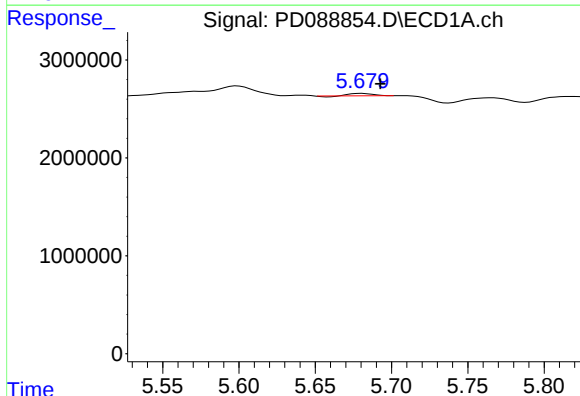
R.T.: 4.756 min
Delta R.T.: -0.009 min
Response: 1234916
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



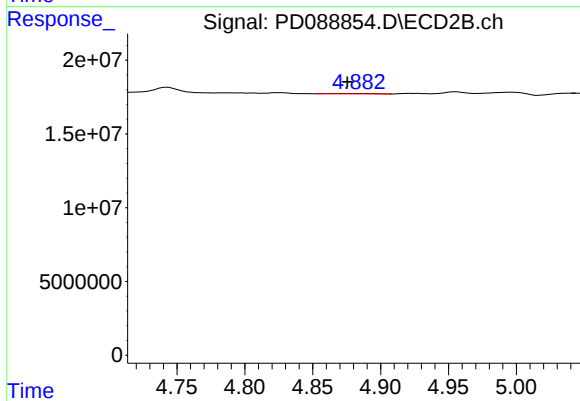
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.003 min
Response: 1181982
Conc: 0.05 ng/ml



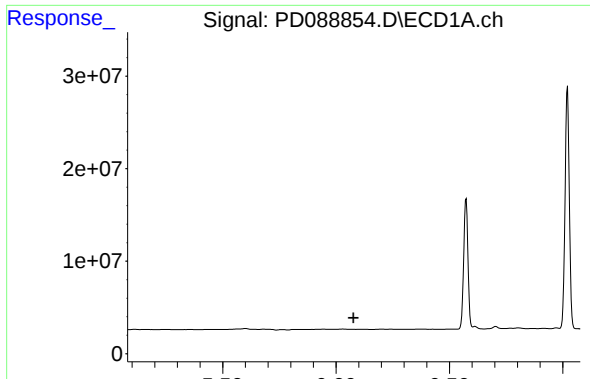
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.012 min
Response: 225510
Conc: 0.06 ng/ml



#8 Heptachlor epoxide

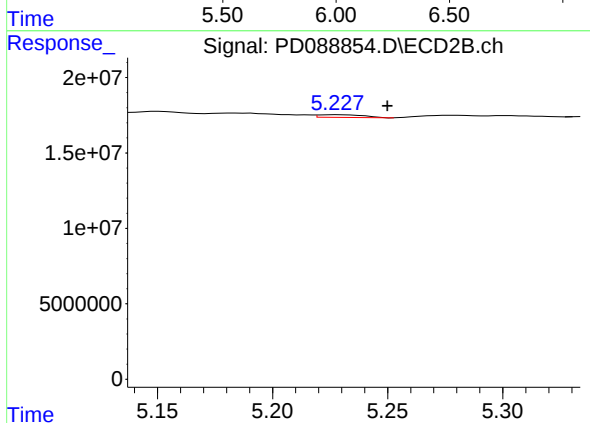
R.T.: 4.884 min
Delta R.T.: 0.008 min
Response: 588390
Conc: 0.03 ng/ml



#9 Endosulfan I

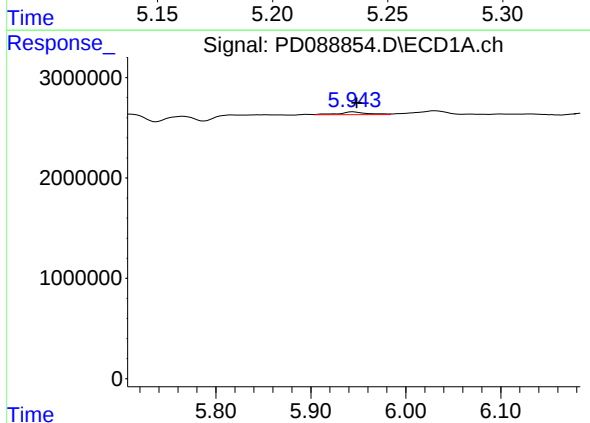
R.T.: 0.000 min
Exp R.T.: 6.077 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



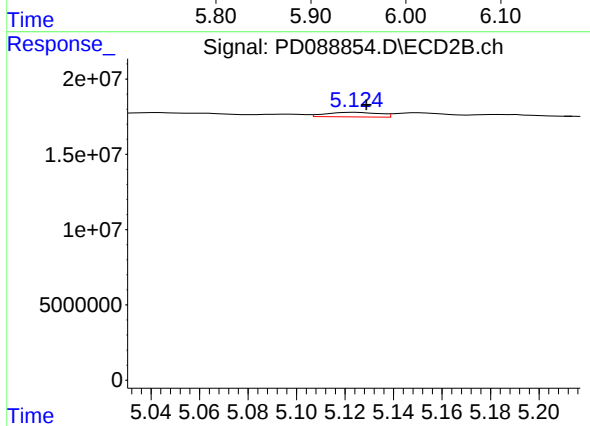
#9 Endosulfan I

R.T.: 5.228 min
Delta R.T.: -0.022 min
Response: 2491242
Conc: 0.13 ng/ml



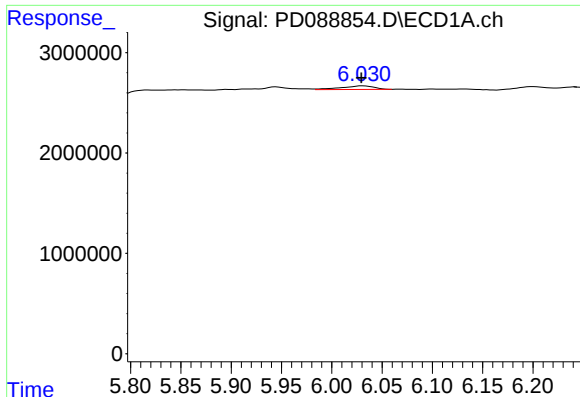
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 577982
Conc: 0.14 ng/ml



#10 gamma-Chlordane

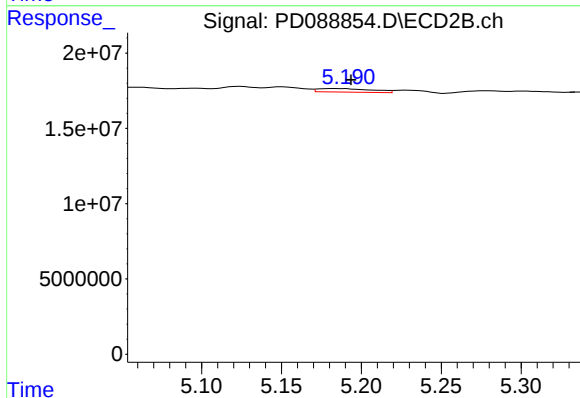
R.T.: 5.124 min
Delta R.T.: -0.005 min
Response: 4528859
Conc: 0.21 ng/ml



#11 alpha-Chlordane

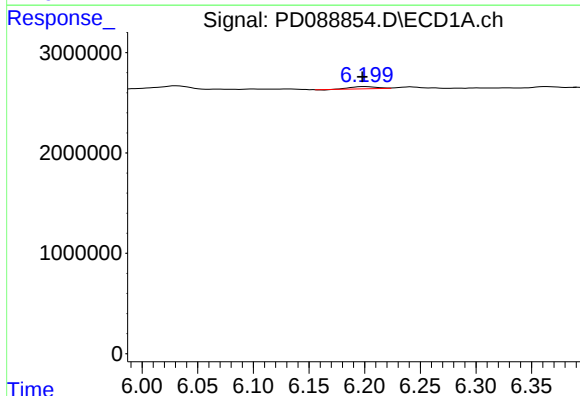
R.T.: 6.031 min
Delta R.T.: 0.001 min
Response: 784832
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



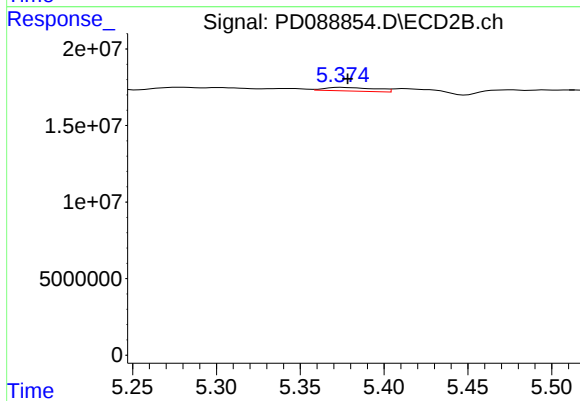
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.010 min
Response: 5548309
Conc: 0.27 ng/ml



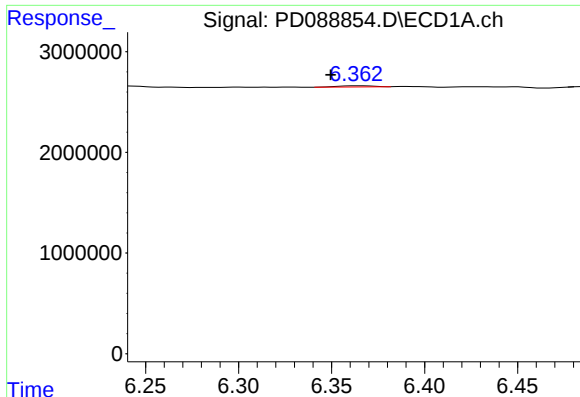
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.003 min
Response: 331514
Conc: 0.09 ng/ml



#12 4,4'-DDE

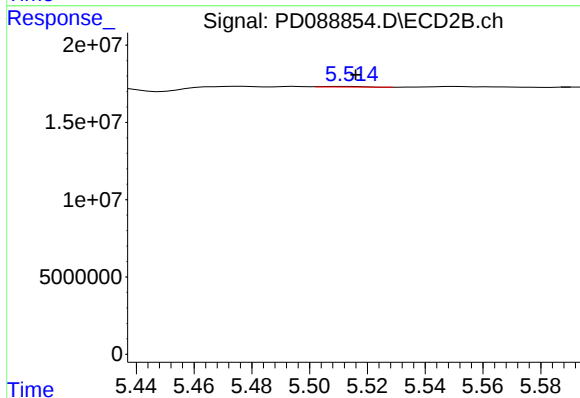
R.T.: 5.374 min
Delta R.T.: -0.004 min
Response: 4927393
Conc: 0.24 ng/ml



#13 Dieldrin

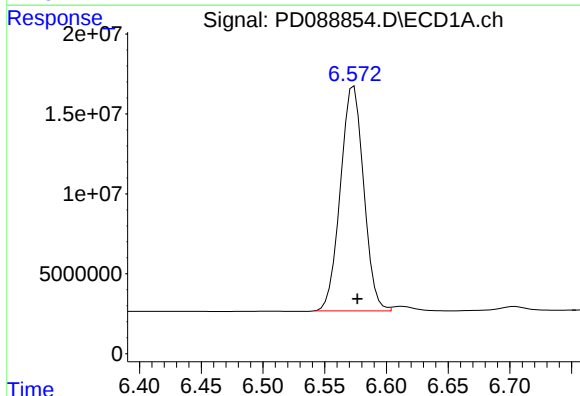
R.T.: 6.364 min
Delta R.T.: 0.015 min
Response: 138520
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



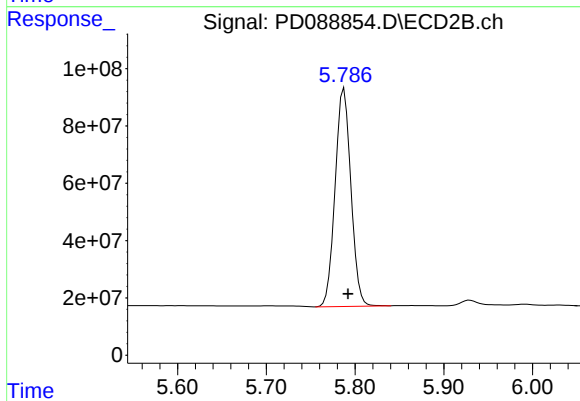
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.004 min
Response: 375924
Conc: 0.02 ng/ml



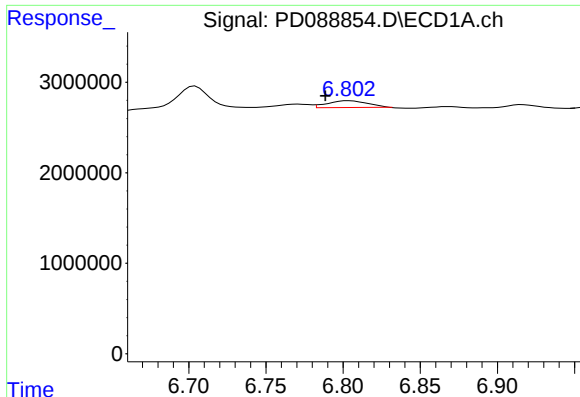
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.003 min
Response: 184586643
Conc: 54.05 ng/ml



#14 Endrin

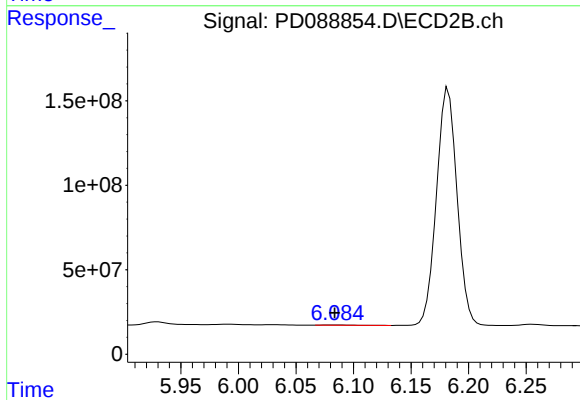
R.T.: 5.788 min
Delta R.T.: -0.005 min
Response: 940560757
Conc: 48.77 ng/ml



#15 Endosulfan II

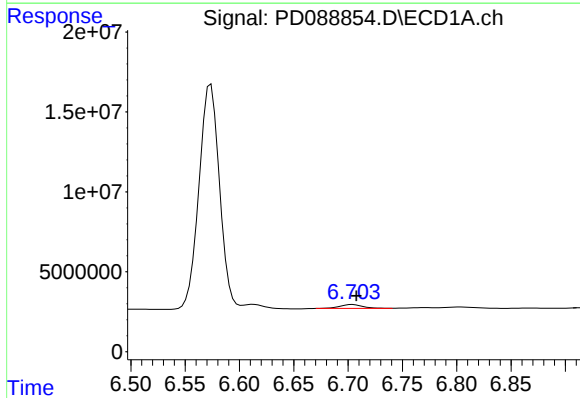
R.T.: 6.804 min
Delta R.T.: 0.015 min
Response: 1383582
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



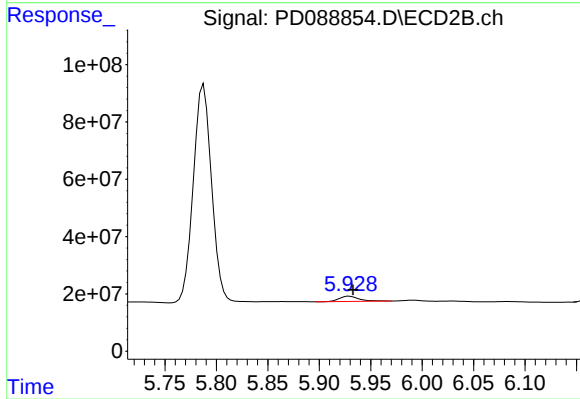
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 1725286
Conc: 0.09 ng/ml



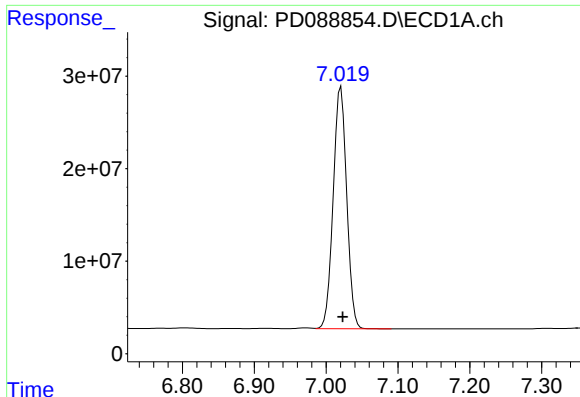
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.003 min
Response: 3555161
Conc: 1.28 ng/ml



#16 4,4'-DDD

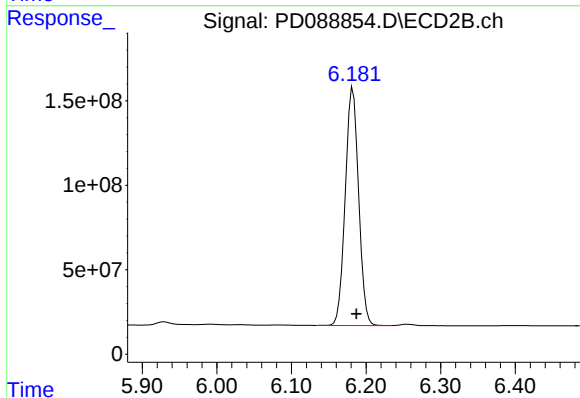
R.T.: 5.929 min
Delta R.T.: -0.003 min
Response: 23797435
Conc: 1.37 ng/ml



#17 4,4'-DDT

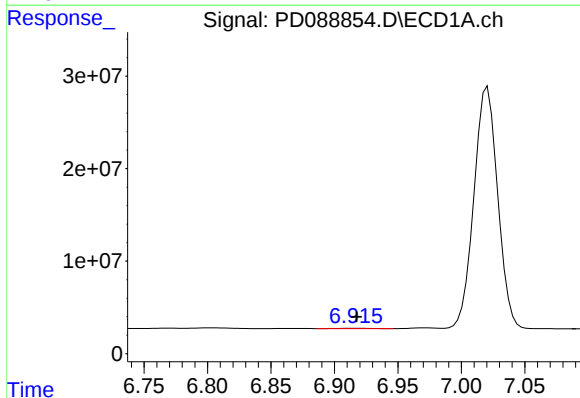
R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 341222778
Conc: 109.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



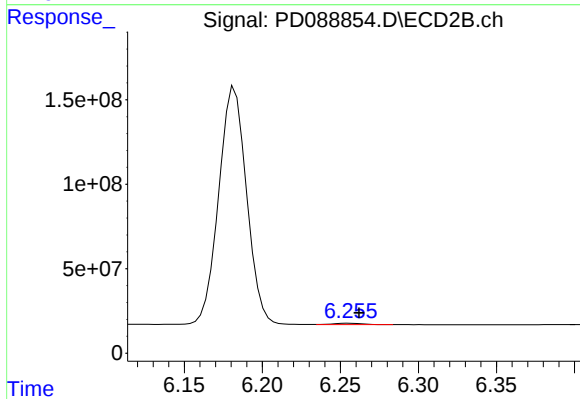
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.005 min
Response: 1750194723
Conc: 96.50 ng/ml



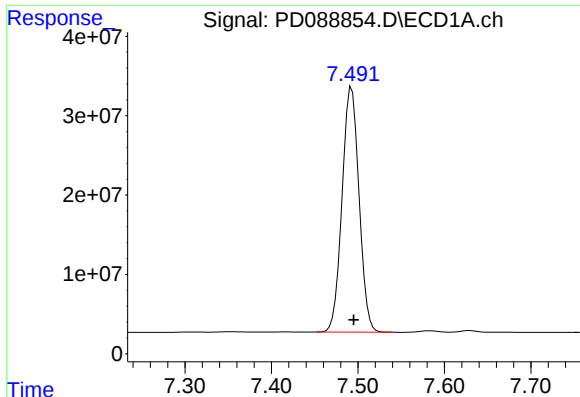
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: -0.001 min
Response: 757854
Conc: 0.29 ng/ml



#18 Endrin aldehyde

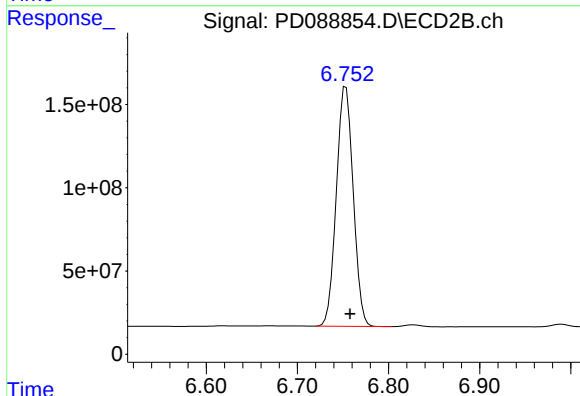
R.T.: 6.256 min
Delta R.T.: -0.006 min
Response: 10063490
Conc: 0.72 ng/ml



#20 Methoxychlor

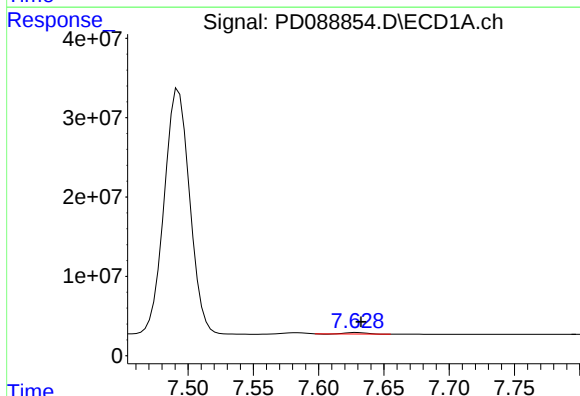
R.T.: 7.493 min
Delta R.T.: -0.003 min
Response: 418715120
Conc: 250.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



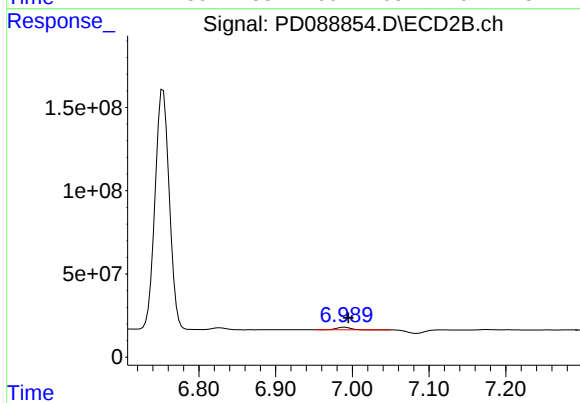
#20 Methoxychlor

R.T.: 6.753 min
Delta R.T.: -0.005 min
Response: 1854852706
Conc: 193.72 ng/ml



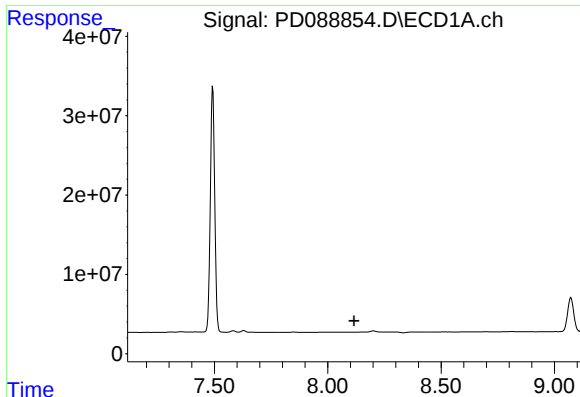
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: -0.003 min
Response: 1863647
Conc: 0.54 ng/ml



#21 Endrin ketone

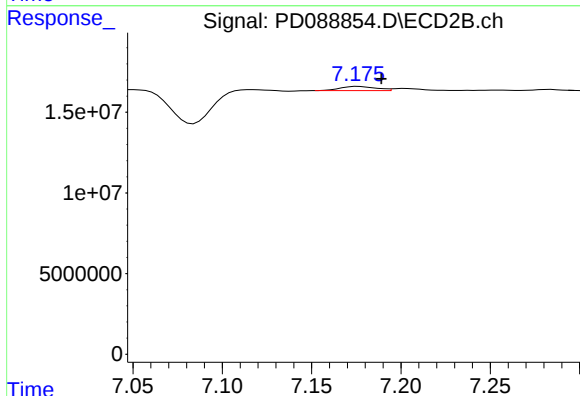
R.T.: 6.990 min
Delta R.T.: -0.005 min
Response: 19621282
Conc: 1.01 ng/ml



#22 Mirex

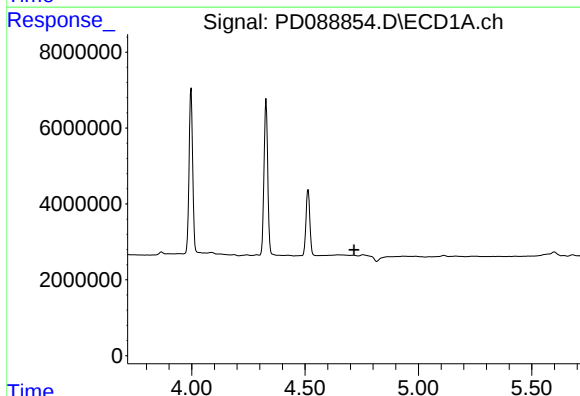
R.T.: 0.000 min
Exp R.T.: 8.117 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



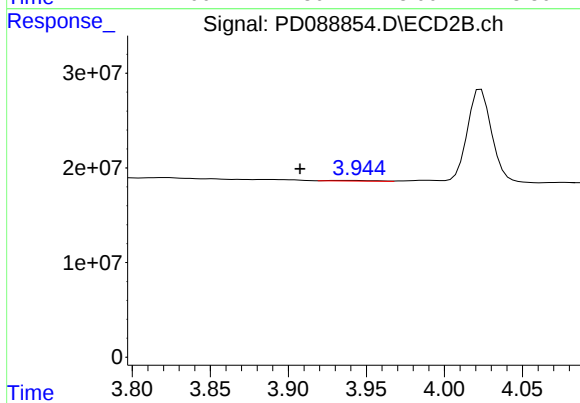
#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.013 min
Response: 3587557
Conc: 0.24 ng/ml



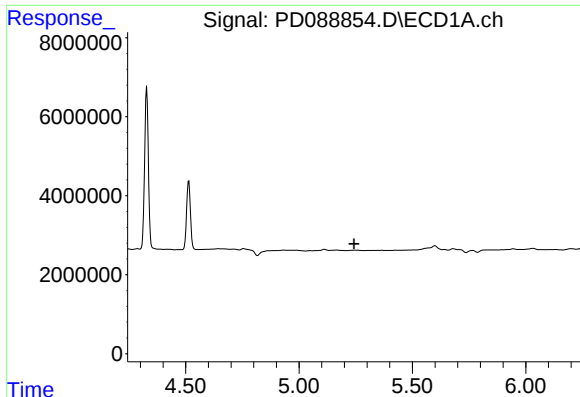
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.



#23 Chlordane-1

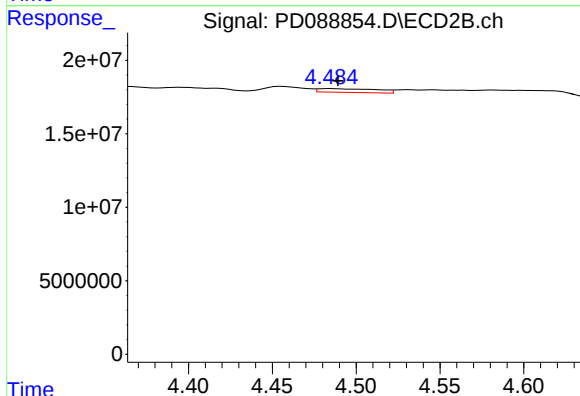
R.T.: 3.931 min
Delta R.T.: 0.023 min
Response: 1447189
Conc: 1.75 ng/ml



#24 Chlordane-2

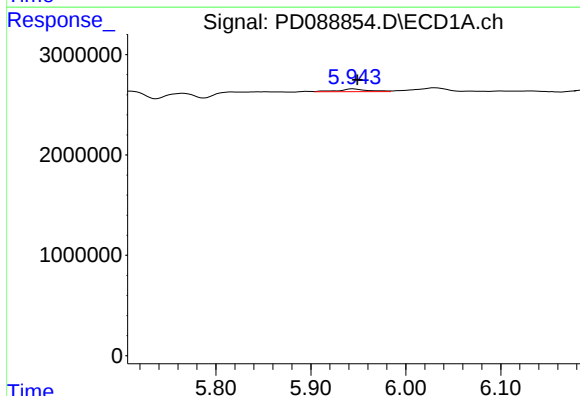
R.T.: 0.000 min
Exp R.T.: 5.244 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



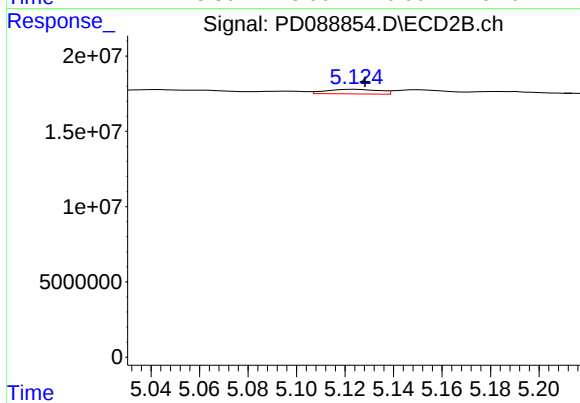
#24 Chlordane-2

R.T.: 4.485 min
Delta R.T.: -0.004 min
Response: 6319646
Conc: 7.49 ng/ml



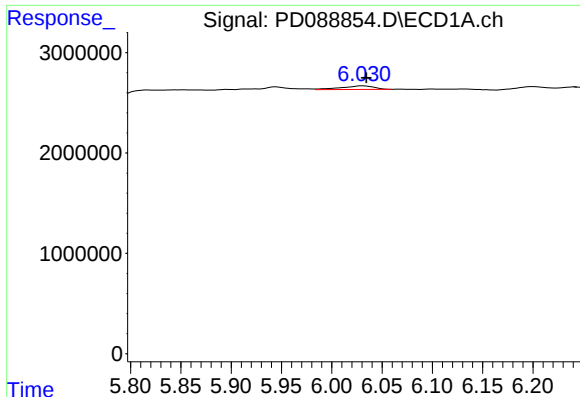
#25 Chlordane-3

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 577982
Conc: 0.78 ng/ml



#25 Chlordane-3

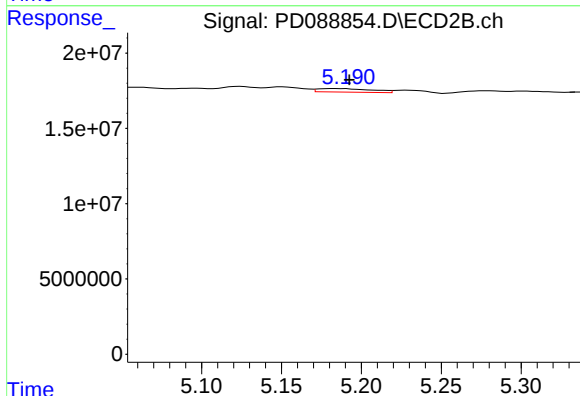
R.T.: 5.124 min
Delta R.T.: -0.004 min
Response: 4528859
Conc: 1.72 ng/ml



#26 Chlordane-4

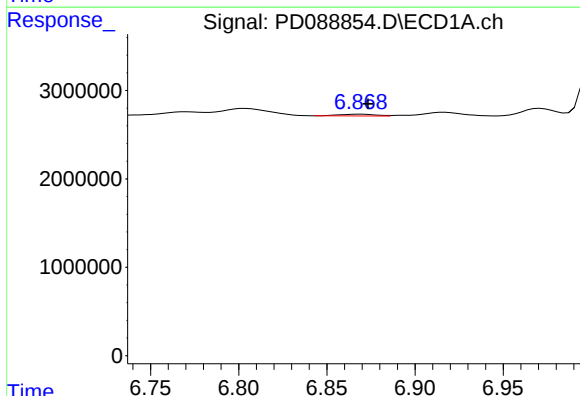
R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 784832
Conc: 0.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



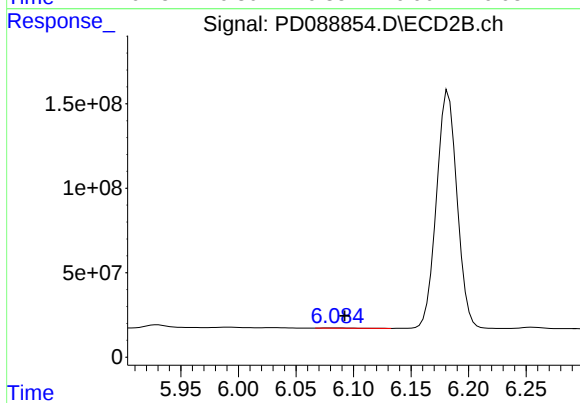
#26 Chlordane-4

R.T.: 5.184 min
Delta R.T.: -0.009 min
Response: 5548309
Conc: 2.51 ng/ml



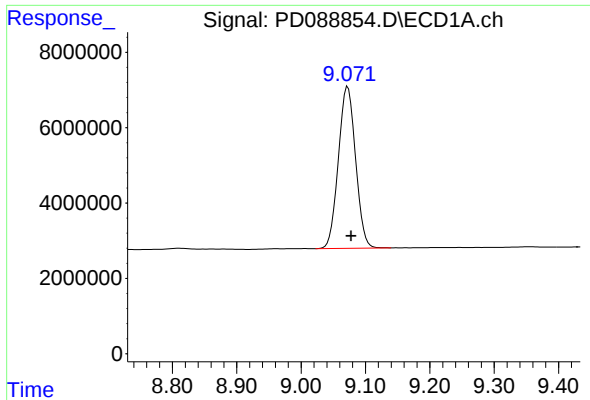
#27 Chlordane-5

R.T.: 6.869 min
Delta R.T.: -0.004 min
Response: 272695
Conc: 1.79 ng/ml



#27 Chlordane-5

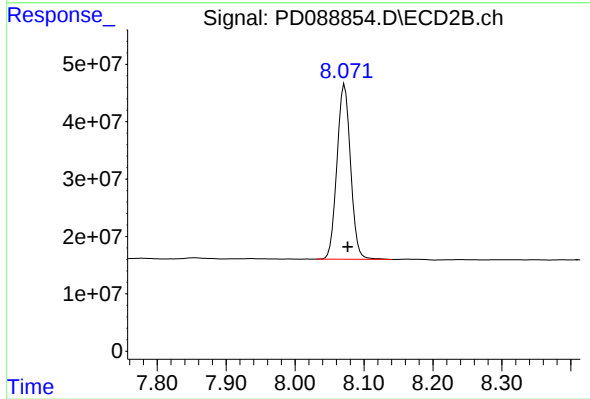
R.T.: 6.085 min
Delta R.T.: -0.008 min
Response: 1725286
Conc: 1.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.005 min
Response: 79873105
Conc: 23.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.005 min
Response: 418378382
Conc: 22.92 ng/ml