

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061825\
 Data File : PD088991.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 15:25
 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 18 05:45:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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...	3.550	2.880	56676201	346.6E6	19.865	20.443
28)	SA Decachlor...	9.071	8.072	84217746	421.0E6	21.442	21.293
Target Compounds							
2)	A alpha-BHC	3.999	3.393	52304160	283.3E6	8.973	10.573
3)	MA gamma-BHC...	4.330	3.729	52036875	261.9E6	9.323	10.578
4)	MA Heptachlor	4.952f	4.080	511087	1426220	0.094	0.057 #
5)	MB Aldrin	5.279	4.364	24417	769143	0.005	0.032 #
6)	B beta-BHC	4.515	4.025	21562085	115.6E6	9.769	10.754
7)	B delta-BHC	4.759	4.257	328993	672486	0.064	0.027 #
8)	B Heptachlo...	5.682	4.877	604315	225535	0.125	0.010 #
9)	A Endosulfan I	6.063	5.232	185664	2653103	0.041	0.127 #
10)	B gamma-Chl...	5.939	5.125	1056396	14483909	0.221	0.605 #
11)	B alpha-Chl...	6.031	5.190	2200311	7400726	0.455	0.323 #
12)	B 4,4'-DDE	6.198	5.380	421481	1305007	0.097	0.057 #
13)	MA Dieldrin	0.000	5.511	0	396108	N.D.	0.017 #
14)	MA Endrin	6.574	5.789	207.3E6	1096.4E6	50.256	50.492
15)	B Endosulfa...	6.804f	6.088	2576735	1532900	0.638	0.076 #
16)	A 4,4'-DDD	6.704	5.935	1952641	4568938	0.569	0.239 #
17)	MA 4,4'-DDT	7.020	6.183	381.9E6	1948.4E6	100.821	96.080
18)	B Endrin al...	6.919	6.257	714479	9163240	0.233	0.598 #
19)	B Endosulfa...	0.000	6.487	0	785854	N.D.	0.040 #
20)	A Methoxychlor	7.493	6.754	464.5E6	2141.4E6	229.876	198.863
21)	B Endrin ke...	7.629	6.991	819360	12685047	0.201	0.587 #
22)	Mirex	0.000	7.177	0	7541381	N.D.	0.452 #
23)	Chlordane-1	0.000	3.904	0	1306596	N.D.	1.402 #
24)	Chlordane-2	5.253	4.486	347572	2059194	1.592	2.164 #
25)	Chlordane-3	5.939	5.125	1056396	14483909	1.225	4.876 #
26)	Chlordane-4	6.031	5.190	2200311	7400726	2.094	2.952 #
27)	Chlordane-5	6.869	6.088	367451	1532900	2.011	1.355 #

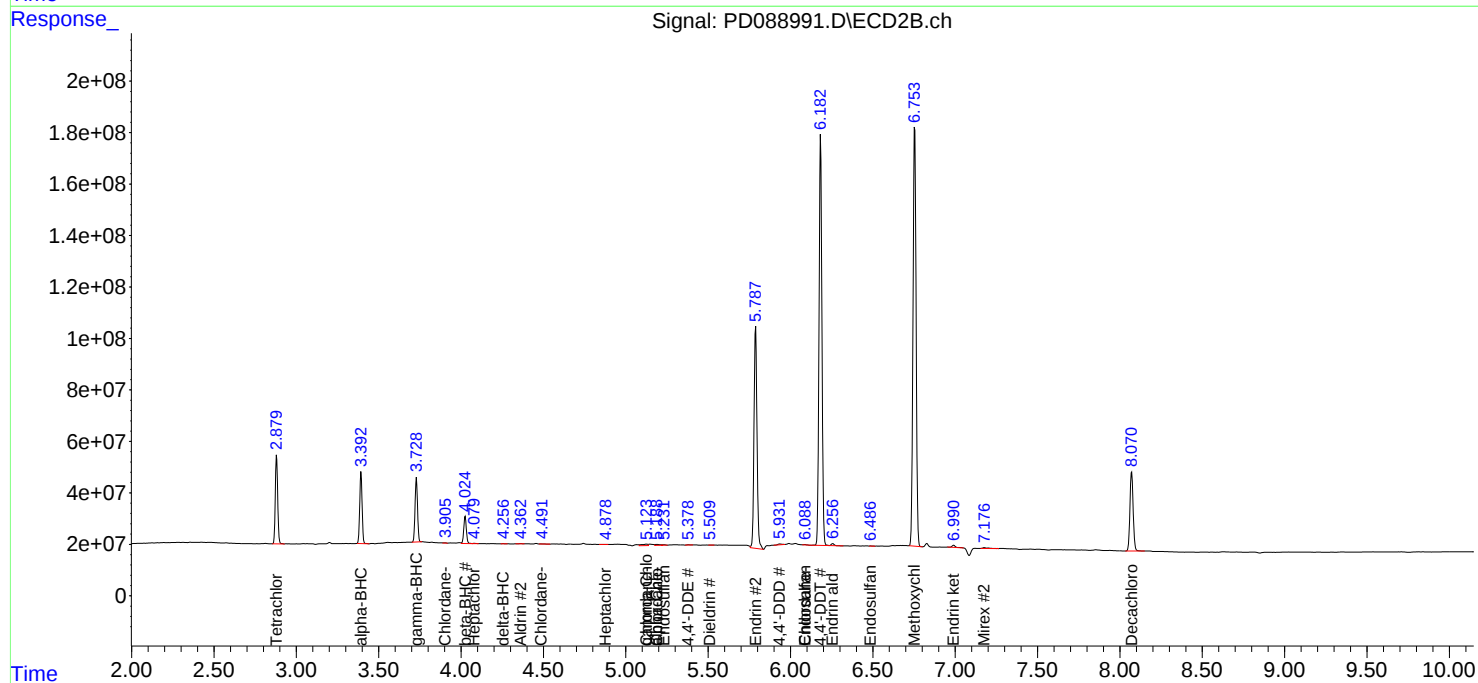
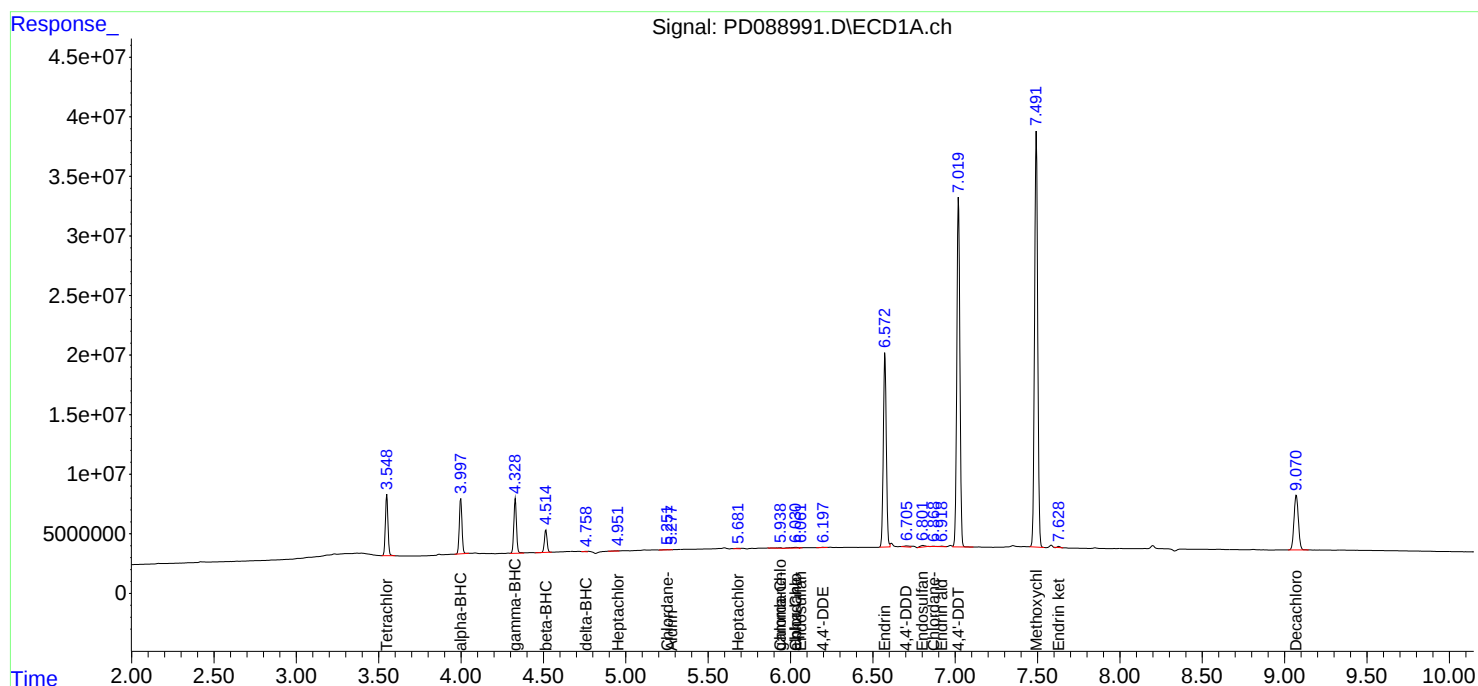
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

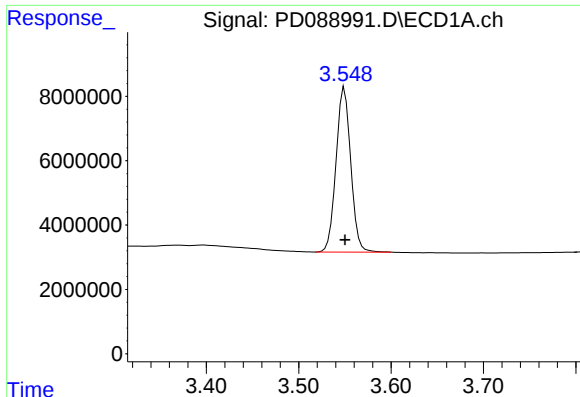
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061825\
Data File : PD088991.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 15:25
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 05:45:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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

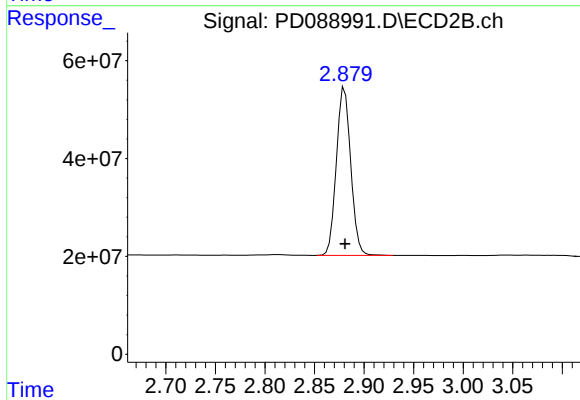




#1 Tetrachloro-m-xylene

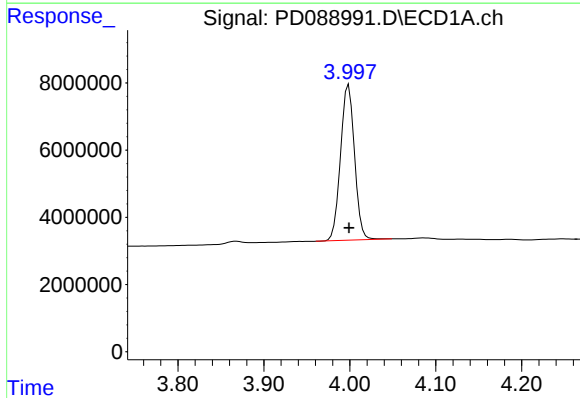
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 56676201
Conc: 19.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



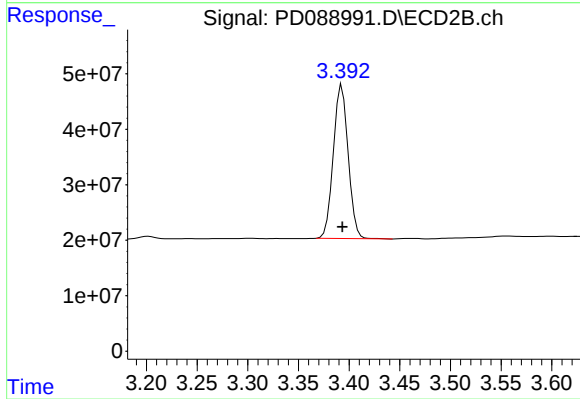
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 346582137
Conc: 20.44 ng/ml



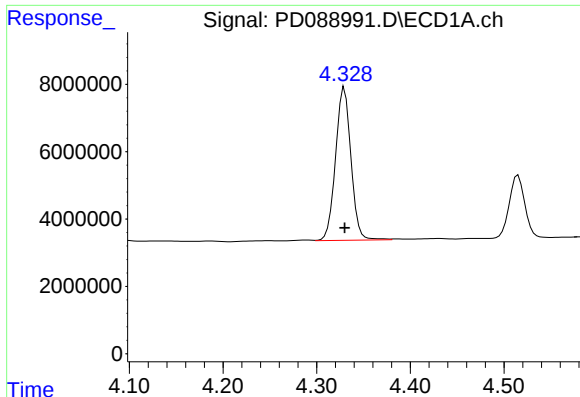
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 52304160
Conc: 8.97 ng/ml



#2 alpha-BHC

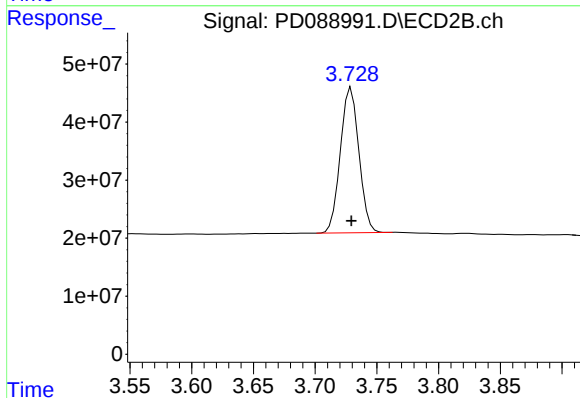
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 283316605
Conc: 10.57 ng/ml



#3 gamma-BHC (Lindane)

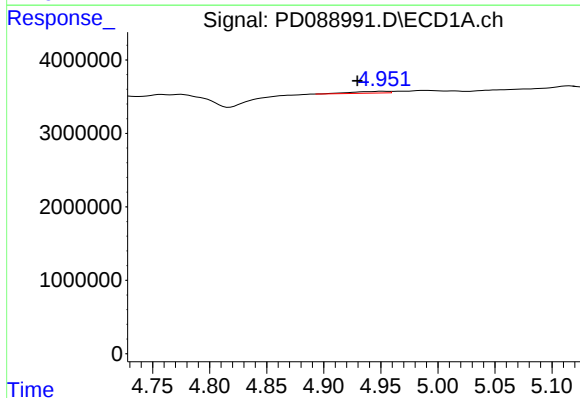
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 52036875
Conc: 9.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



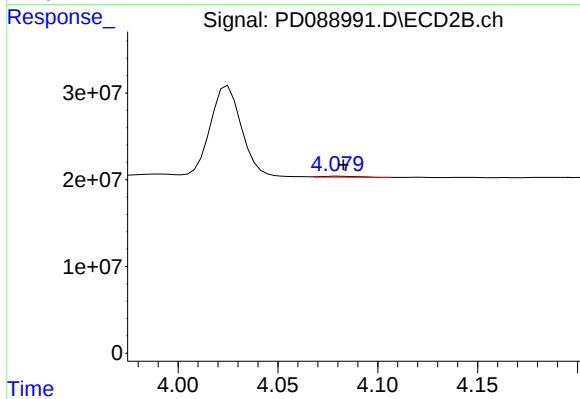
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 261889650
Conc: 10.58 ng/ml



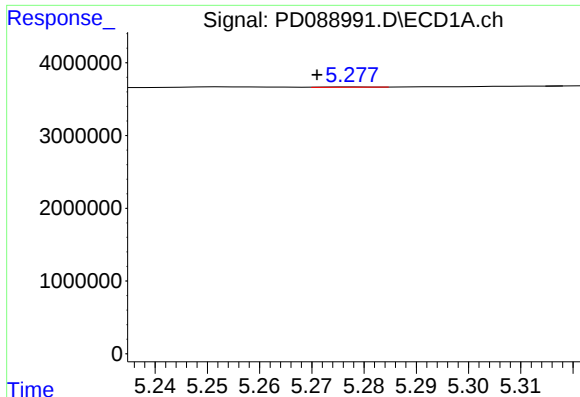
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.023 min
Response: 511087
Conc: 0.09 ng/ml



#4 Heptachlor

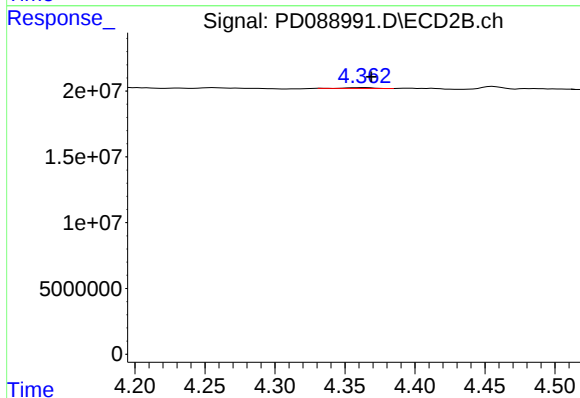
R.T.: 4.080 min
Delta R.T.: -0.003 min
Response: 1426220
Conc: 0.06 ng/ml



#5 Aldrin

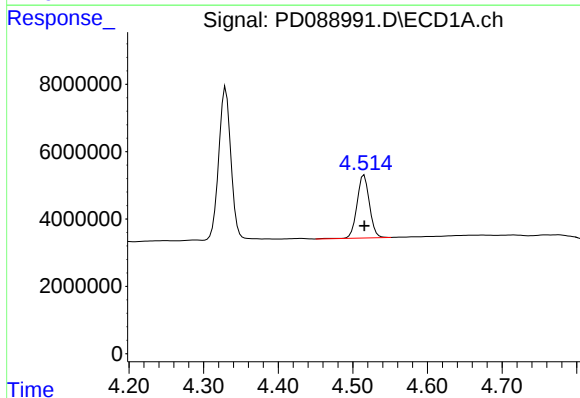
R.T.: 5.279 min
Delta R.T.: 0.008 min
Response: 24417
Conc: 0.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



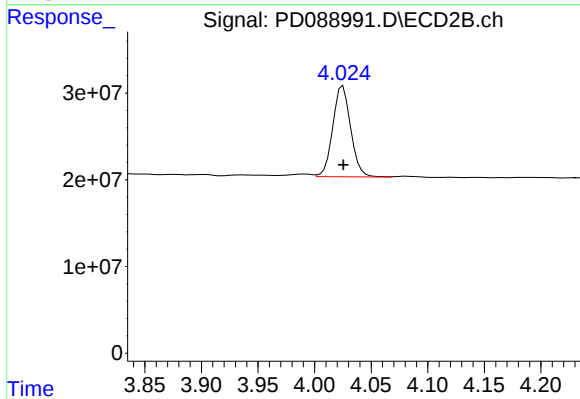
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: -0.005 min
Response: 769143
Conc: 0.03 ng/ml



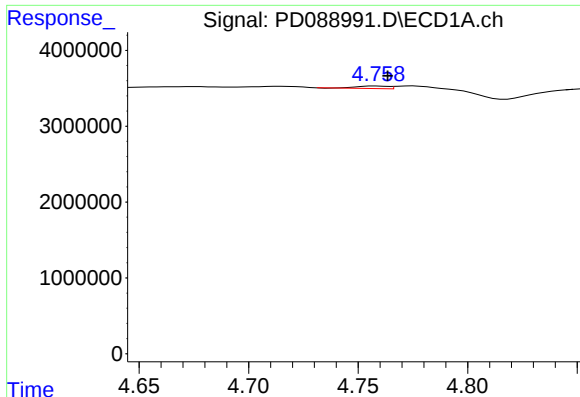
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 21562085
Conc: 9.77 ng/ml



#6 beta-BHC

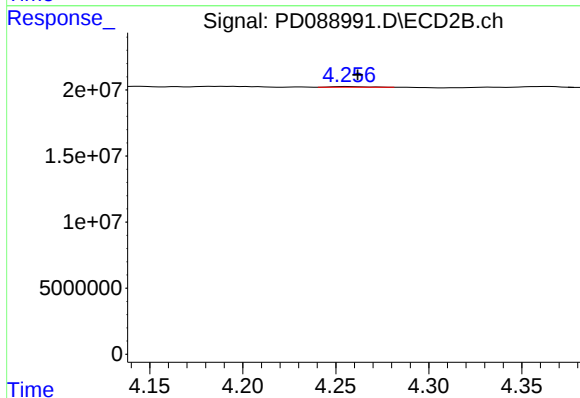
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 115562298
Conc: 10.75 ng/ml



#7 delta-BHC

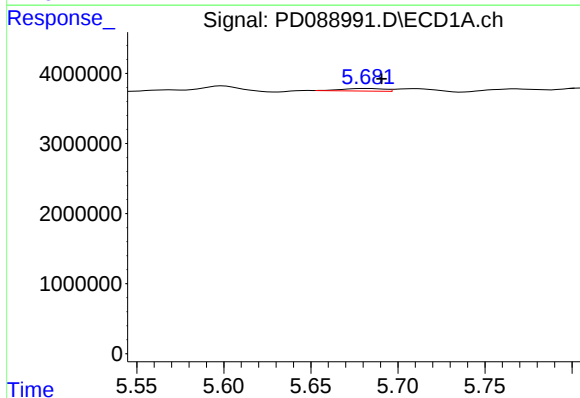
R.T.: 4.759 min
Delta R.T.: -0.005 min
Response: 328993
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



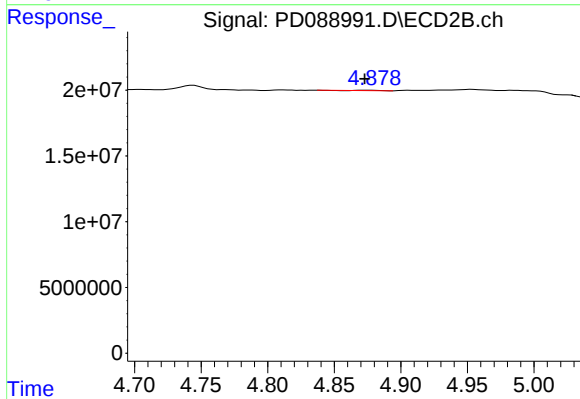
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: -0.005 min
Response: 672486
Conc: 0.03 ng/ml



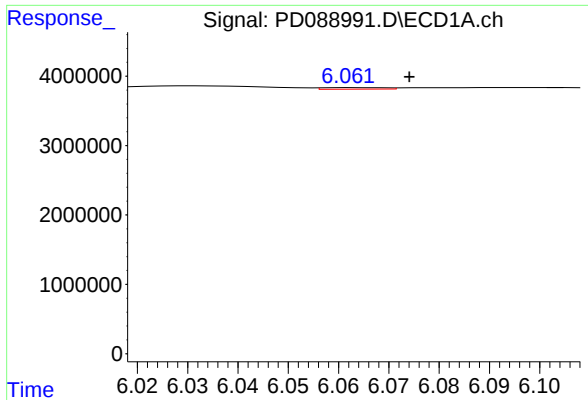
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.008 min
Response: 604315
Conc: 0.13 ng/ml



#8 Heptachlor epoxide

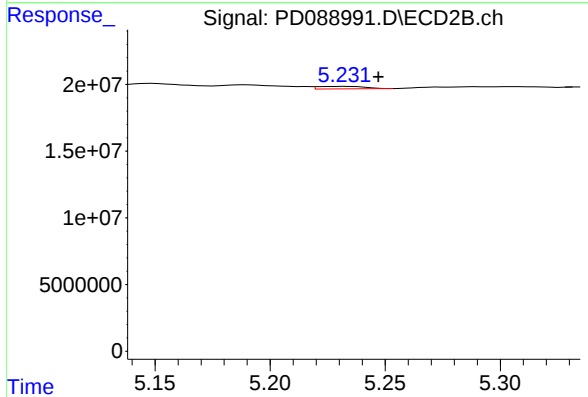
R.T.: 4.877 min
Delta R.T.: 0.004 min
Response: 225535
Conc: 0.01 ng/ml



#9 Endosulfan I

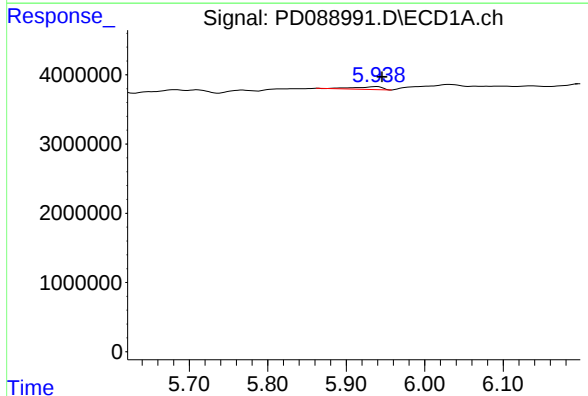
R.T.: 6.063 min
Delta R.T.: -0.011 min
Response: 185664
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



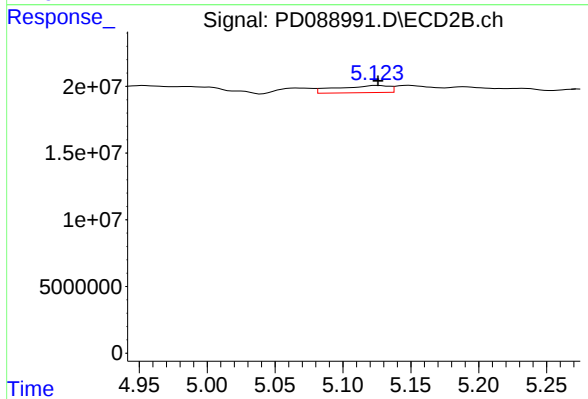
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: -0.015 min
Response: 2653103
Conc: 0.13 ng/ml



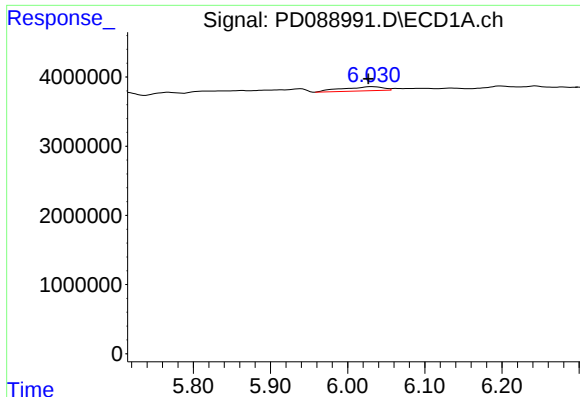
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.006 min
Response: 1056396
Conc: 0.22 ng/ml



#10 gamma-Chlordane

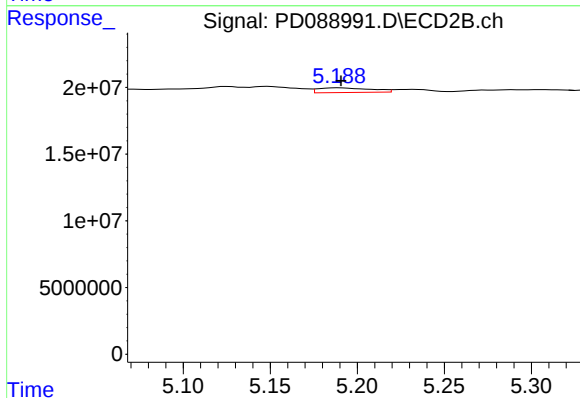
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 14483909
Conc: 0.61 ng/ml



#11 alpha-Chlordane

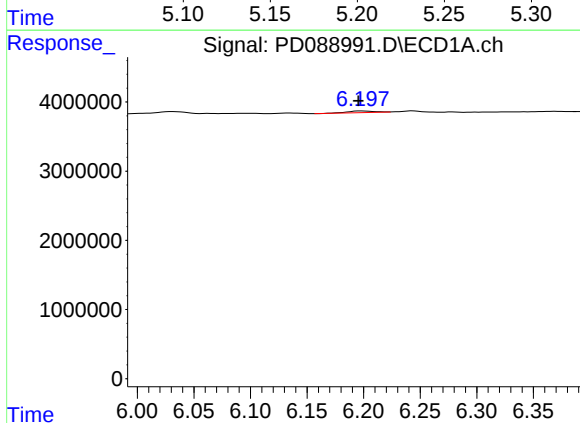
R.T.: 6.031 min
Delta R.T.: 0.004 min
Response: 2200311
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



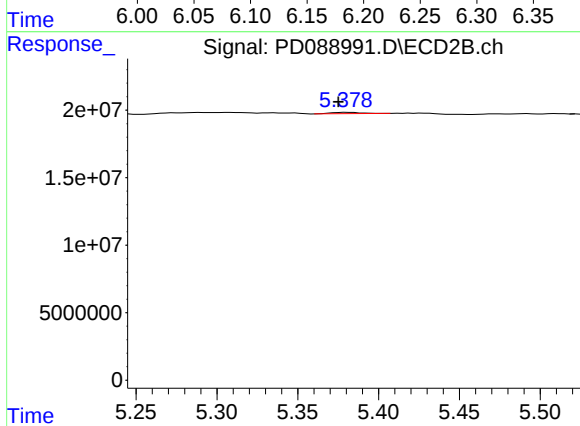
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: -0.001 min
Response: 7400726
Conc: 0.32 ng/ml



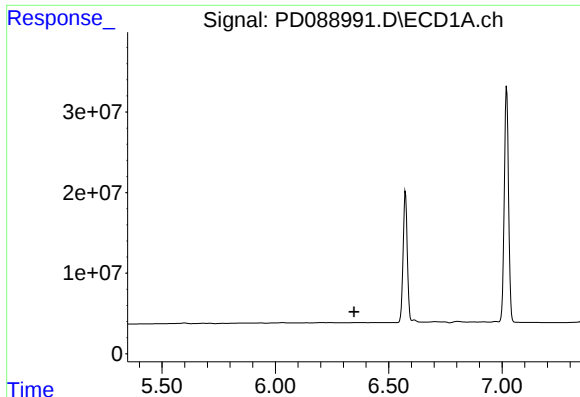
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.003 min
Response: 421481
Conc: 0.10 ng/ml



#12 4,4'-DDE

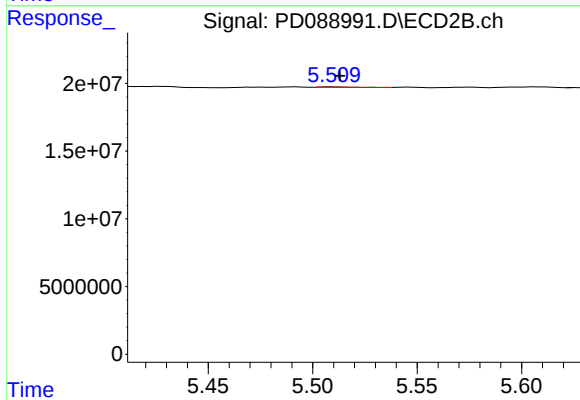
R.T.: 5.380 min
Delta R.T.: 0.005 min
Response: 1305007
Conc: 0.06 ng/ml



#13 Dieldrin

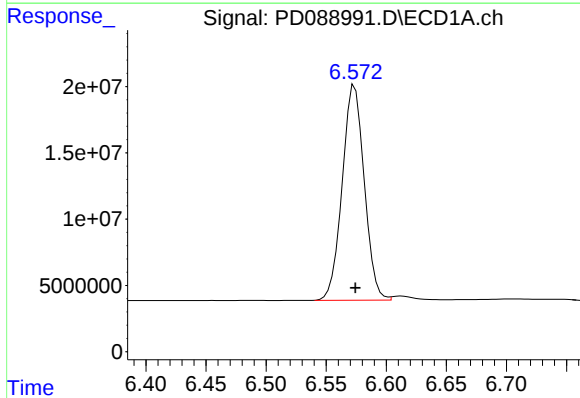
R.T.: 0.000 min
Exp R.T.: 6.347 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



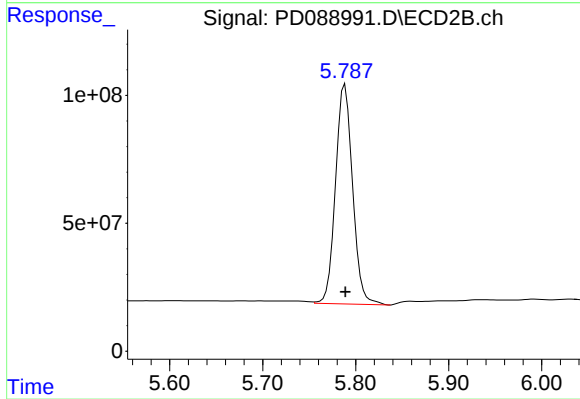
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 396108
Conc: 0.02 ng/ml



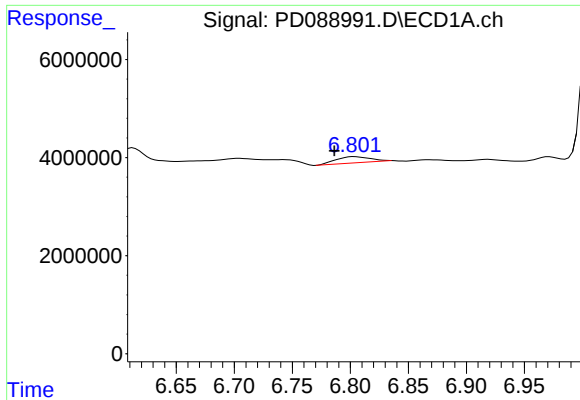
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 207333894
Conc: 50.26 ng/ml



#14 Endrin

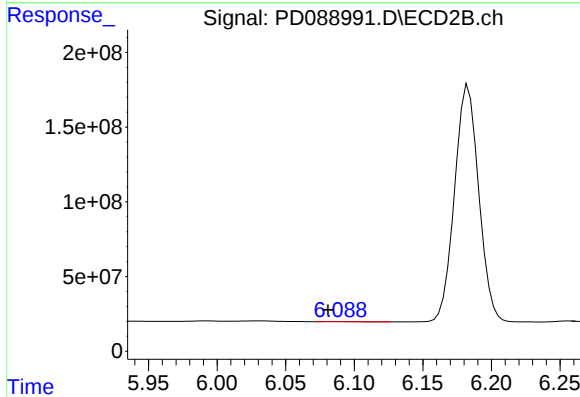
R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 1096382248
Conc: 50.49 ng/ml



#15 Endosulfan II

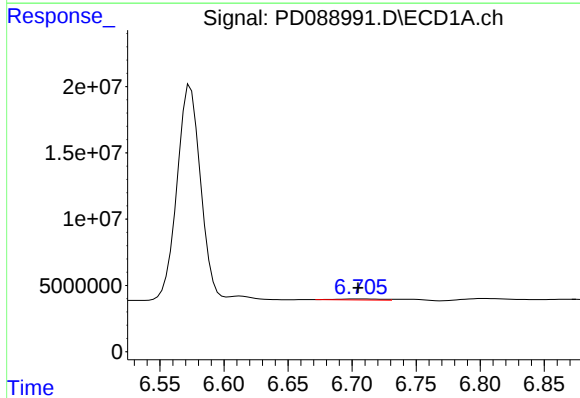
R.T.: 6.804 min
Delta R.T.: 0.018 min
Response: 2576735
Conc: 0.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



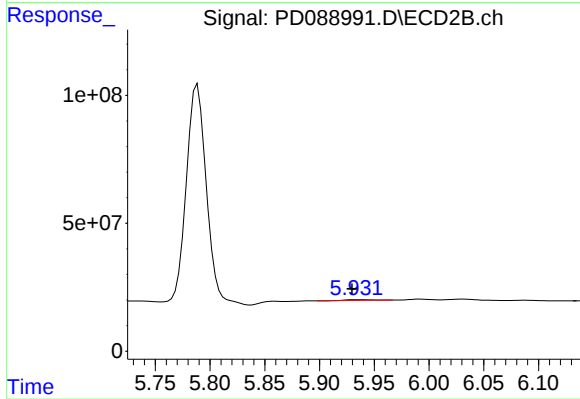
#15 Endosulfan II

R.T.: 6.088 min
Delta R.T.: 0.007 min
Response: 1532900
Conc: 0.08 ng/ml



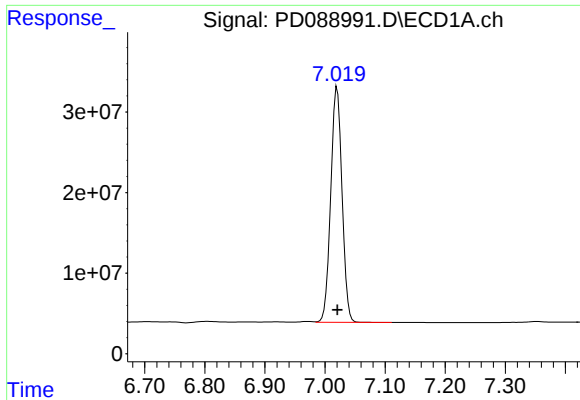
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 1952641
Conc: 0.57 ng/ml



#16 4,4'-DDD

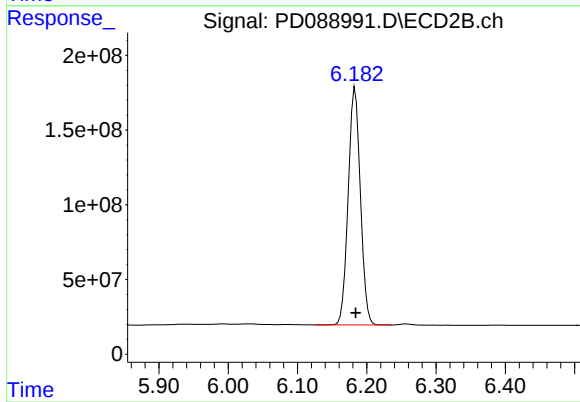
R.T.: 5.935 min
Delta R.T.: 0.005 min
Response: 4568938
Conc: 0.24 ng/ml



#17 4,4'-DDT

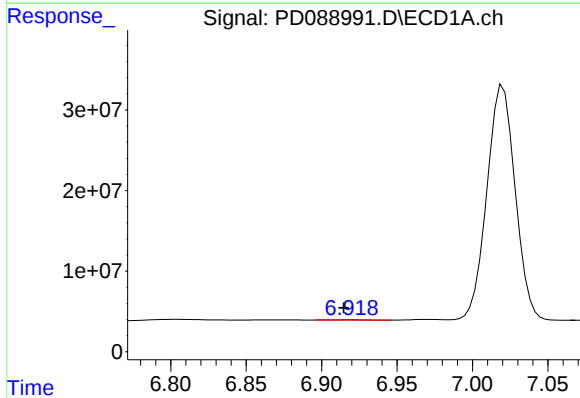
R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 381930080
Conc: 100.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



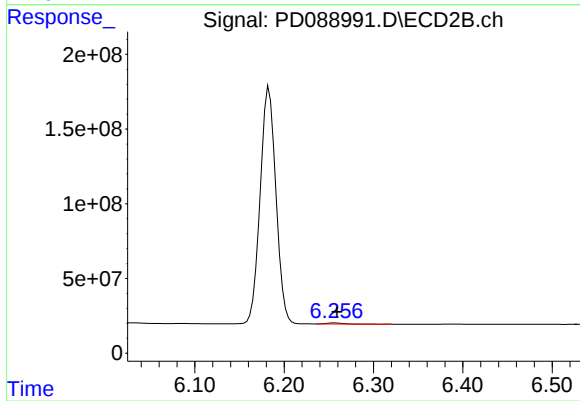
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 1948442735
Conc: 96.08 ng/ml



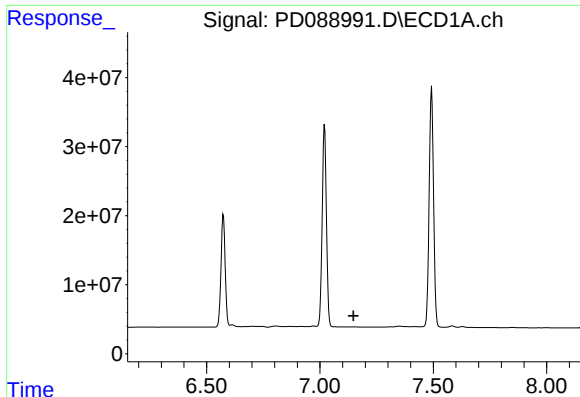
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: 0.004 min
Response: 714479
Conc: 0.23 ng/ml



#18 Endrin aldehyde

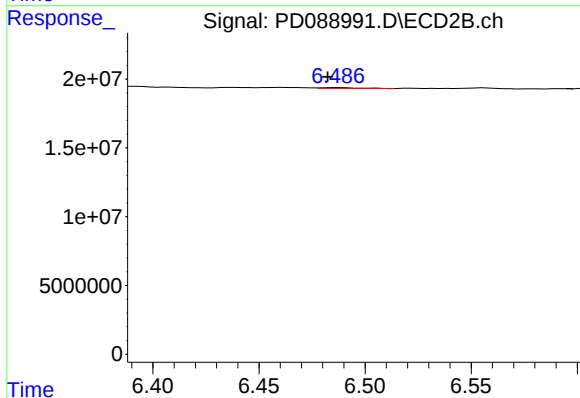
R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 9163240
Conc: 0.60 ng/ml



#19 Endosulfan Sulfate

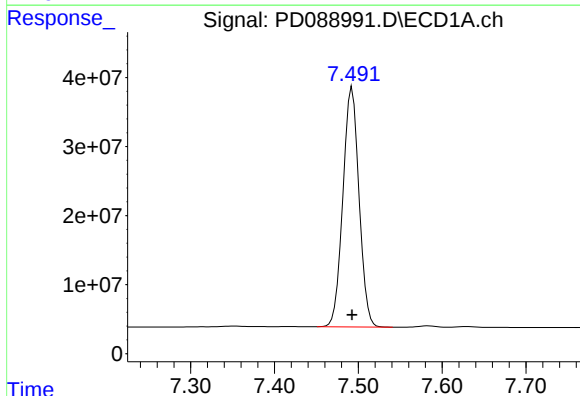
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



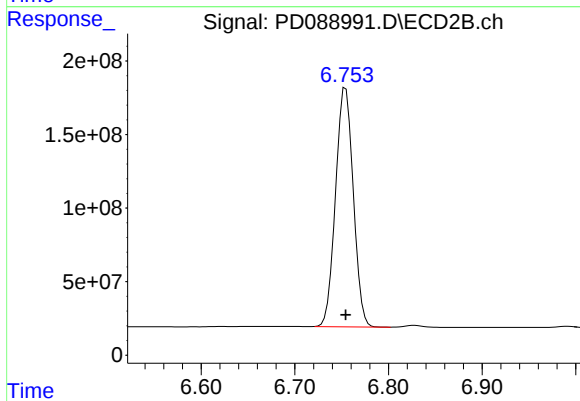
#19 Endosulfan Sulfate

R.T.: 6.487 min
Delta R.T.: 0.005 min
Response: 785854
Conc: 0.04 ng/ml



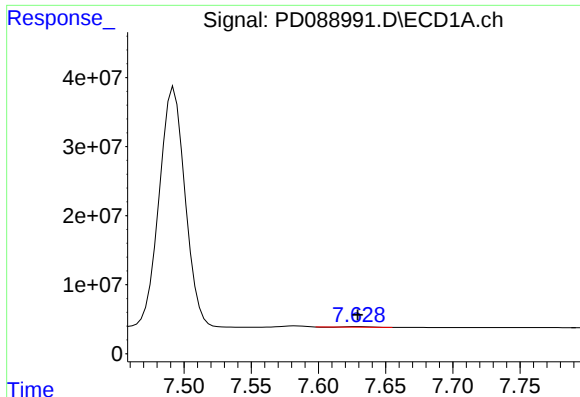
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 464493118
Conc: 229.88 ng/ml



#20 Methoxychlor

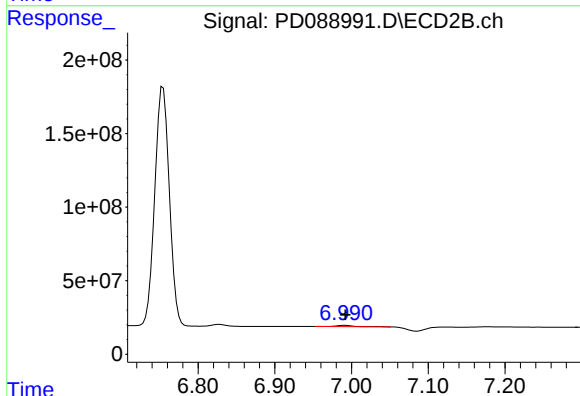
R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 2141368292
Conc: 198.86 ng/ml



#21 Endrin ketone

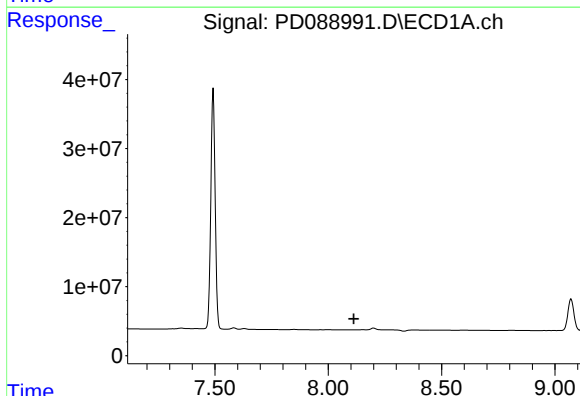
R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 819360
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



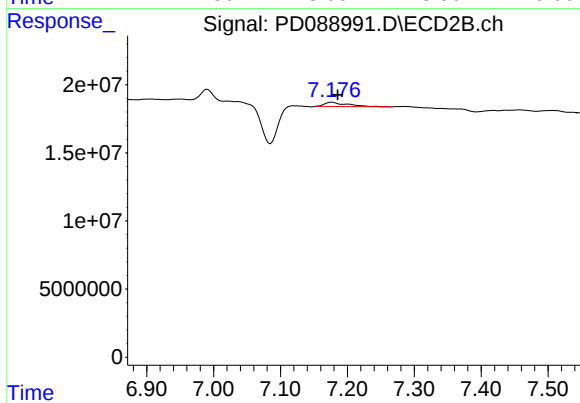
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.001 min
Response: 12685047
Conc: 0.59 ng/ml



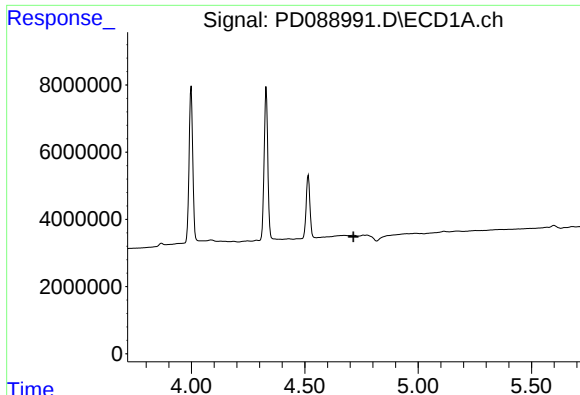
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.113 min
Response: 0
Conc: N.D.



#22 Mirex

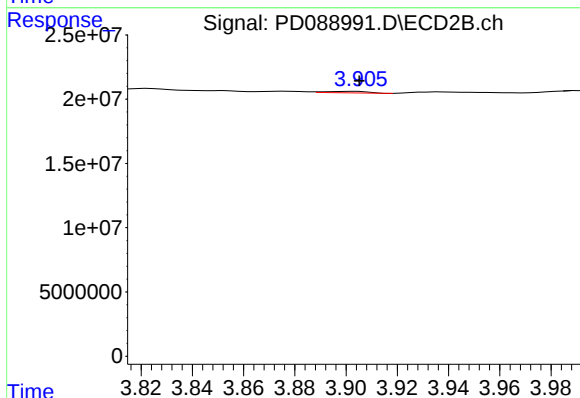
R.T.: 7.177 min
Delta R.T.: -0.009 min
Response: 7541381
Conc: 0.45 ng/ml



#23 Chlordane-1

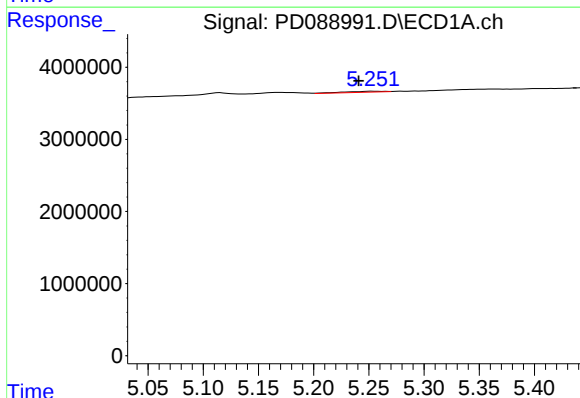
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



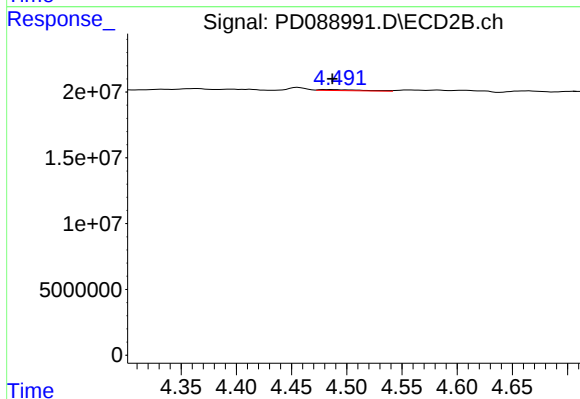
#23 Chlordane-1

R.T.: 3.904 min
Delta R.T.: -0.002 min
Response: 1306596
Conc: 1.40 ng/ml



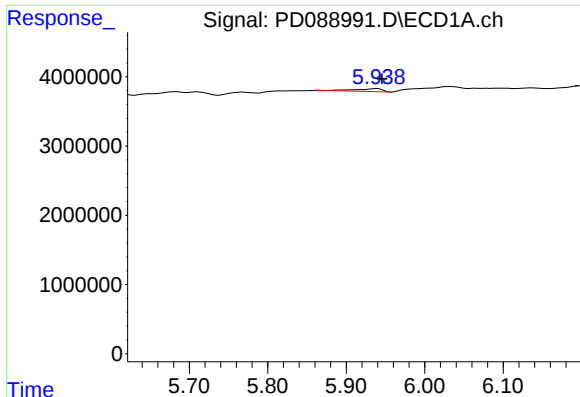
#24 Chlordane-2

R.T.: 5.253 min
Delta R.T.: 0.012 min
Response: 347572
Conc: 1.59 ng/ml



#24 Chlordane-2

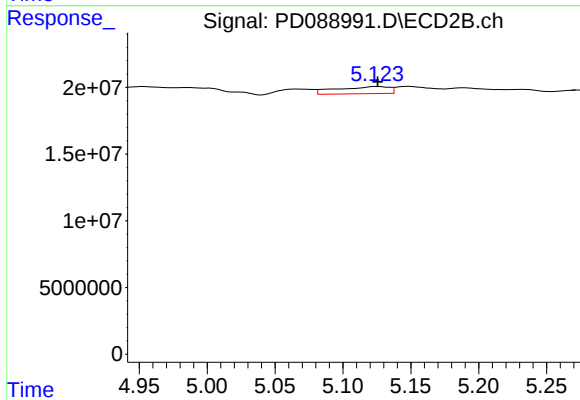
R.T.: 4.486 min
Delta R.T.: 0.000 min
Response: 2059194
Conc: 2.16 ng/ml



#25 Chlordane-3

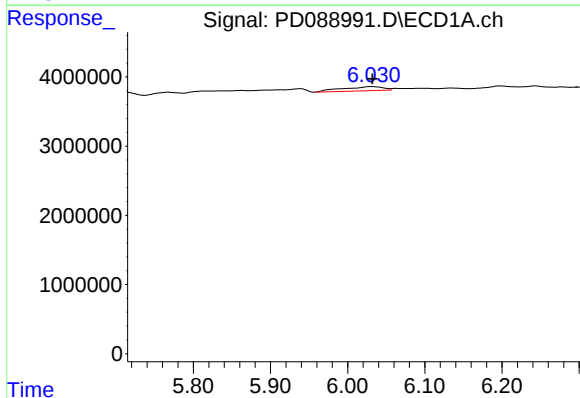
R.T.: 5.939 min
Delta R.T.: -0.007 min
Response: 1056396
Conc: 1.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



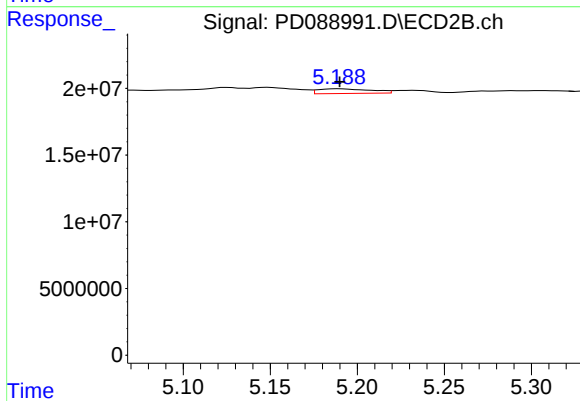
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 14483909
Conc: 4.88 ng/ml



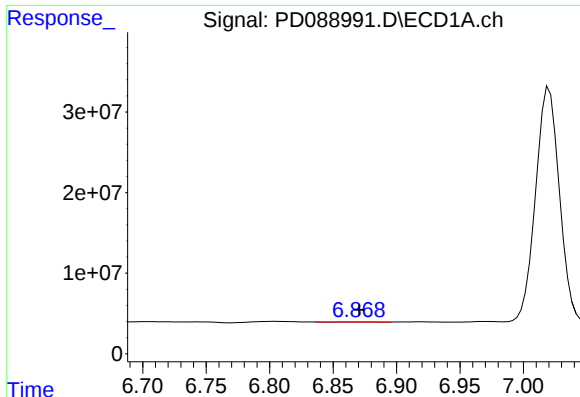
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 2200311
Conc: 2.09 ng/ml



#26 Chlordane-4

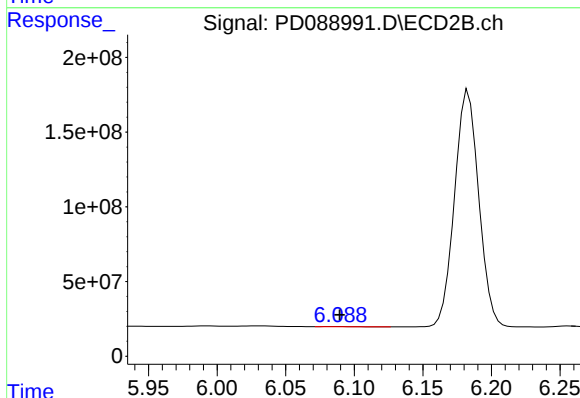
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 7400726
Conc: 2.95 ng/ml



#27 Chlordane-5

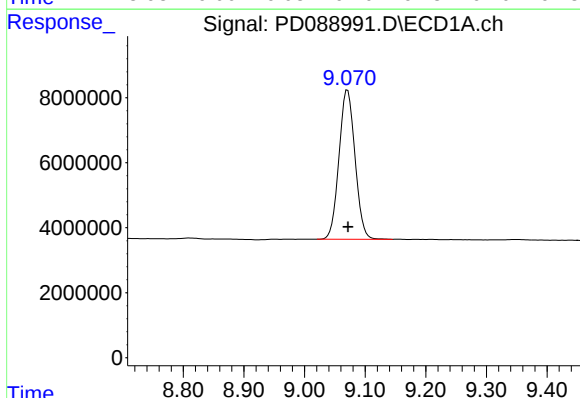
R.T.: 6.869 min
Delta R.T.: -0.002 min
Response: 367451
Conc: 2.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



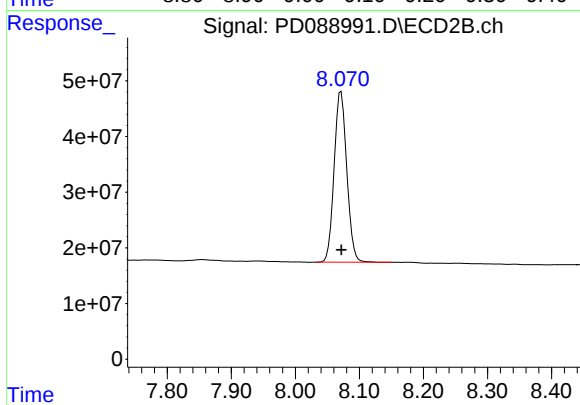
#27 Chlordane-5

R.T.: 6.088 min
Delta R.T.: -0.002 min
Response: 1532900
Conc: 1.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 84217746
Conc: 21.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 420967077
Conc: 21.29 ng/ml