

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061923\
 Data File : PD075885.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 09:05
 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 19 13:22:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.547	2.767	48901316	25143527	22.957	23.175
28)	SA Decachlor...	9.090	7.914	52648869	22476261	20.782	22.987
Target Compounds							
2)	A alpha-BHC	4.003	3.269	38850595	17302557	10.523	10.816
3)	MA gamma-BHC...	4.337	3.599	36985994	16061753	10.992	10.901
6)	B beta-BHC	4.533	3.896	17681479	8038475	12.298	12.611
8)	B Heptachlo...	5.692	0.000	773226	0	0.240	N.D. #
10)	B gamma-Chl...	5.958	4.981	102057	162700	0.032	0.119 #
11)	B alpha-Chl...	6.046	0.000	34960	0	0.011	N.D. #
12)	B 4,4'-DDE	6.207	5.228	289573	197763	0.101	0.177 #
13)	MA Dieldrin	6.383f	0.000	540282	0	0.173	N.D. #
14)	MA Endrin	6.592	5.634	129.3E6	59634294	48.331	49.001
15)	B Endosulfa...	6.829f	5.943f	1539345	430777	0.596	0.399 #
16)	A 4,4'-DDD	6.725	5.782	7094626	3446170	3.118	3.910 #
17)	MA 4,4'-DDT	7.041	6.033	258.7E6	107.1E6	113.981	131.907
18)	B Endrin al...	6.942	6.109	3363374	2392187	1.676	2.764 #
20)	A Methoxychlor	7.517	6.608	349.1E6	130.4E6	269.698	281.838
21)	B Endrin ke...	7.663	6.837	9500464	5327758	3.410	4.385 #
25)	Chlordane-3	5.958	4.981	102057	162700	0.197	1.096 #
26)	Chlordane-4	6.046	0.000	34960	0	0.055	N.D. #
27)	Chlordane-5	0.000	5.943	0	430777	N.D.	8.906 #

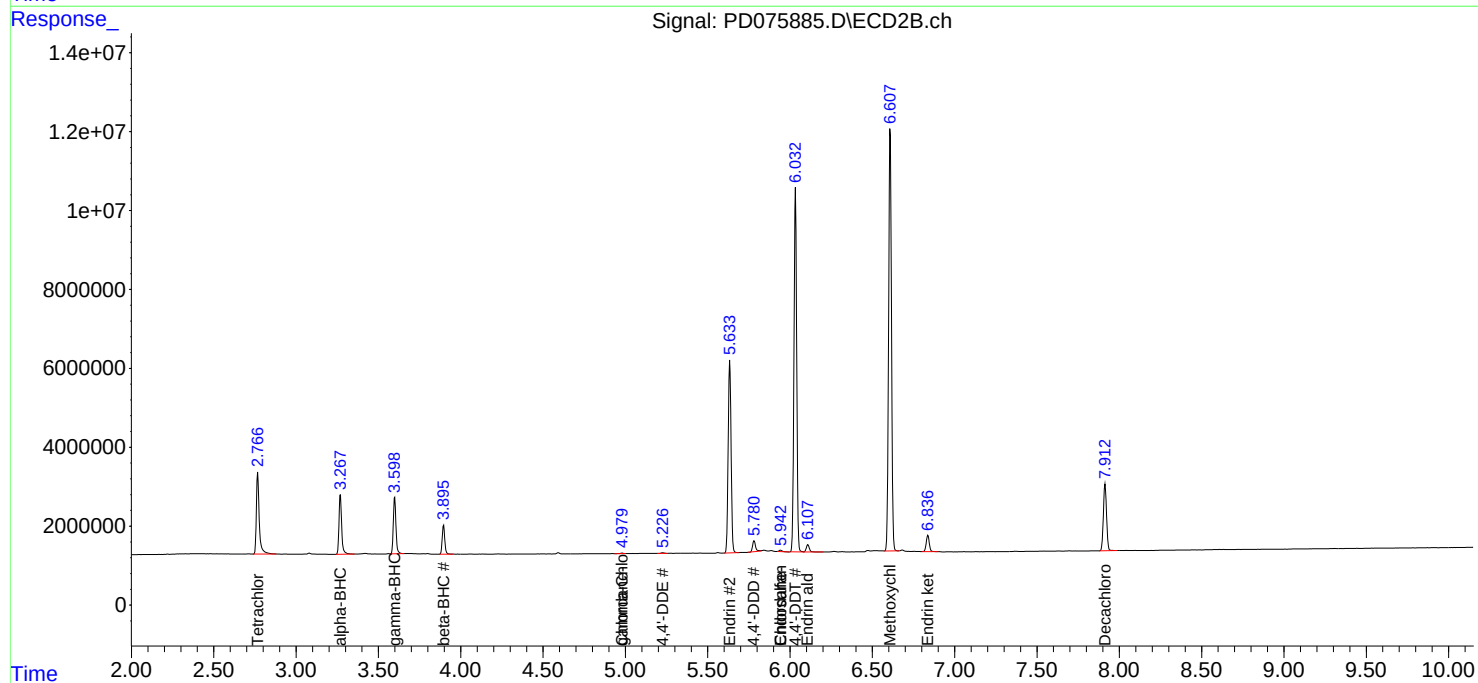
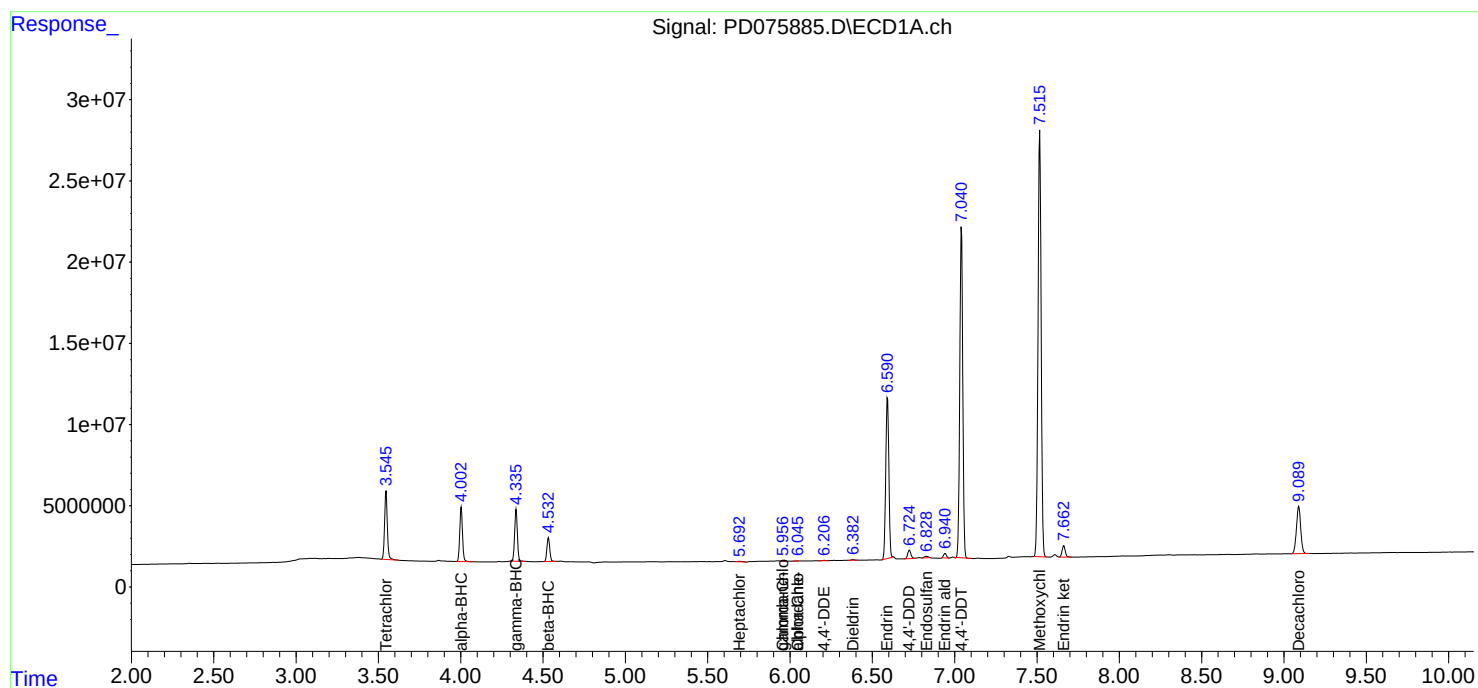
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

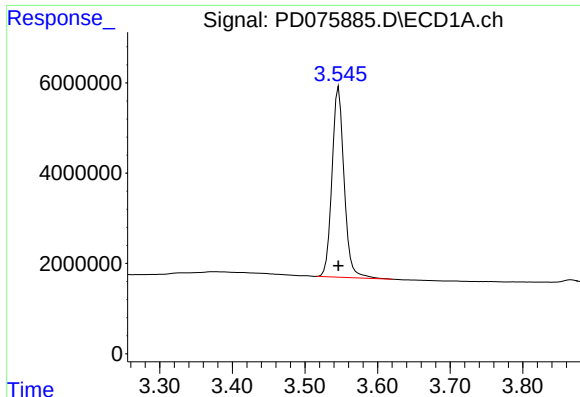
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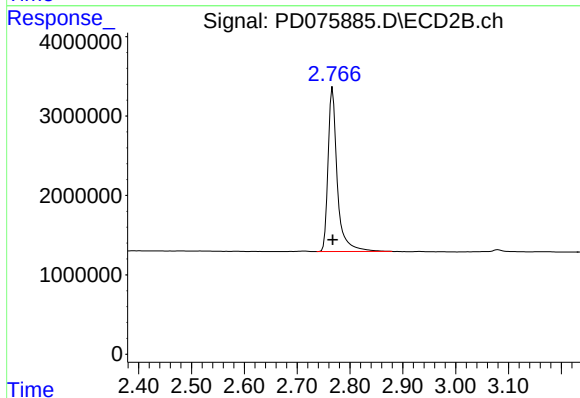




#1 Tetrachloro-m-xylene

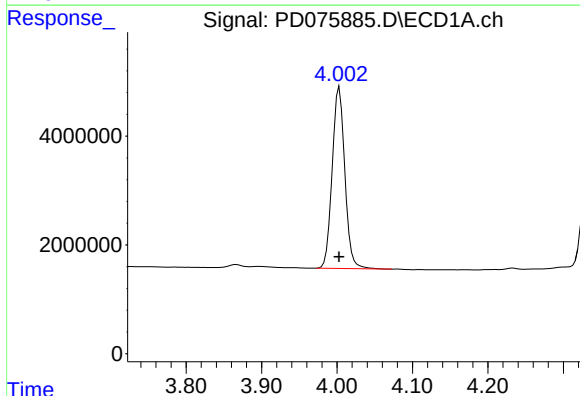
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 48901316
Conc: 22.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



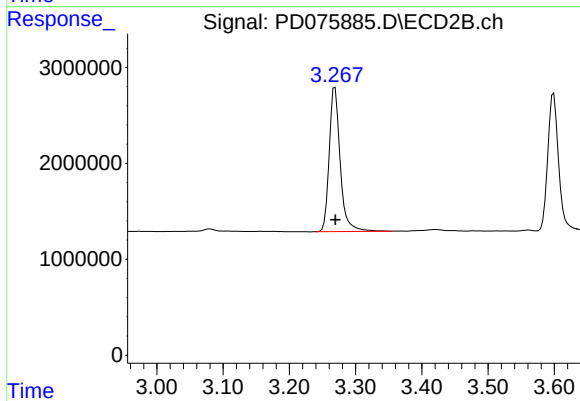
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 25143527
Conc: 23.18 ng/ml



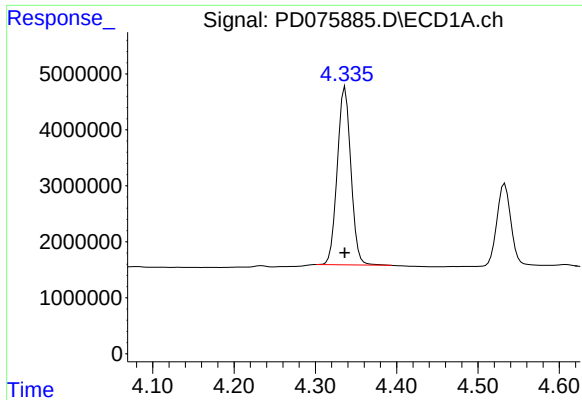
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 38850595
Conc: 10.52 ng/ml



#2 alpha-BHC

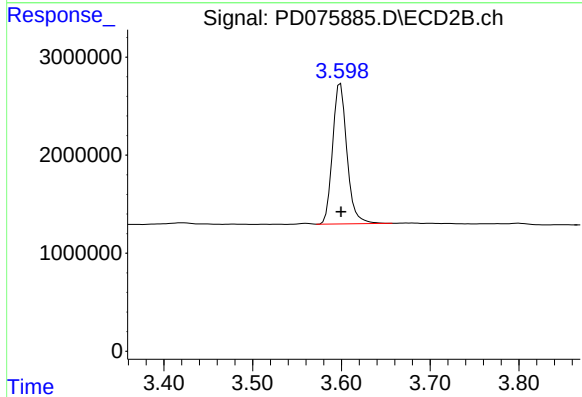
R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 17302557
Conc: 10.82 ng/ml



#3 gamma-BHC (Lindane)

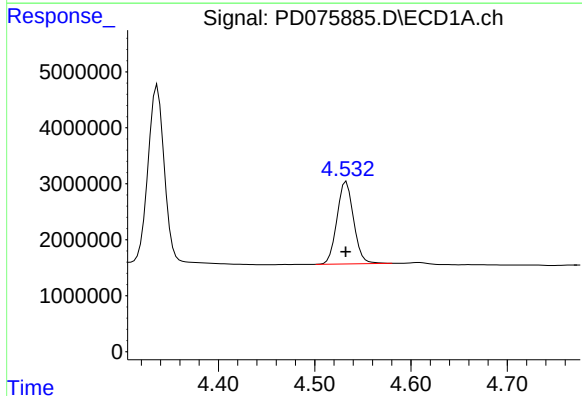
R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 36985994
Conc: 10.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



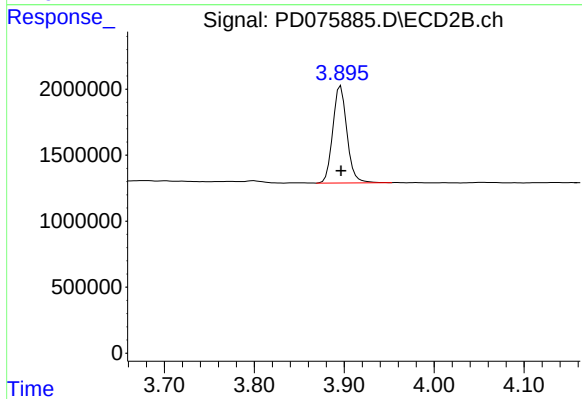
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 16061753
Conc: 10.90 ng/ml



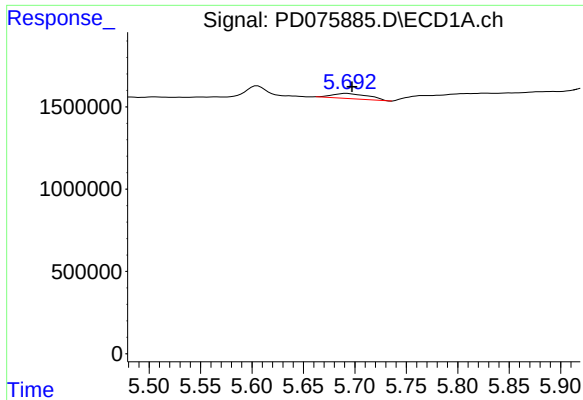
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 17681479
Conc: 12.30 ng/ml



#6 beta-BHC

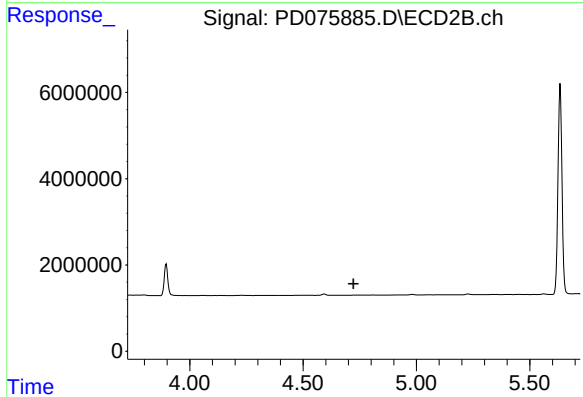
R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 8038475
Conc: 12.61 ng/ml



#8 Heptachlor epoxide

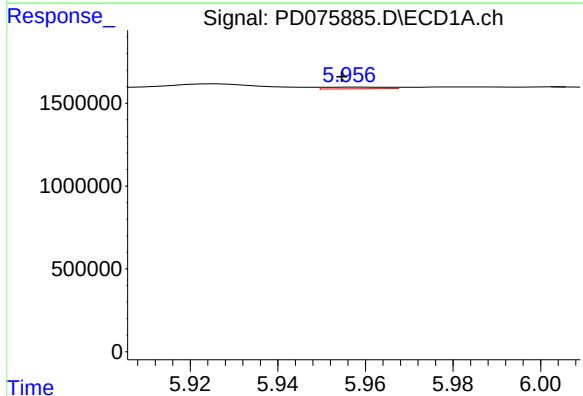
R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 773226
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



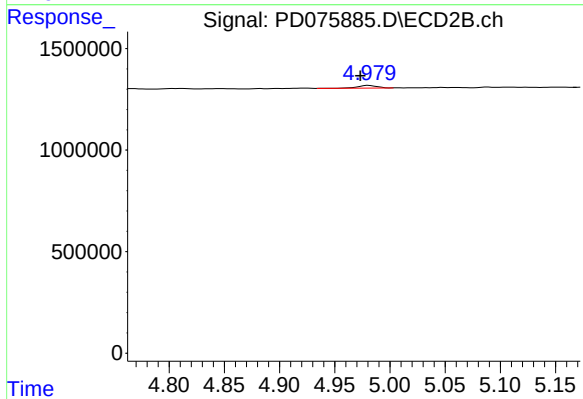
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.723 min
Response: 0
Conc: N.D.



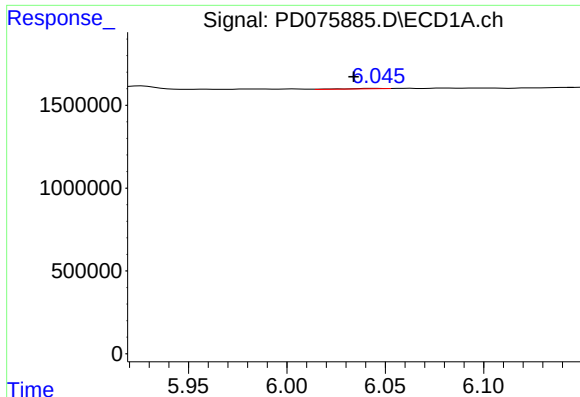
#10 gamma-Chlordane

R.T.: 5.958 min
Delta R.T.: 0.003 min
Response: 102057
Conc: 0.03 ng/ml



#10 gamma-Chlordane

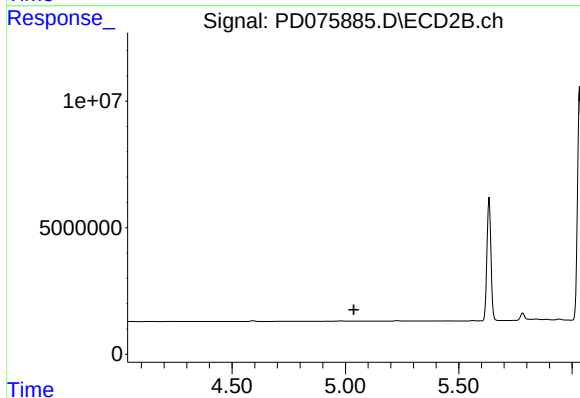
R.T.: 4.981 min
Delta R.T.: 0.007 min
Response: 162700
Conc: 0.12 ng/ml



#11 alpha-Chlordane

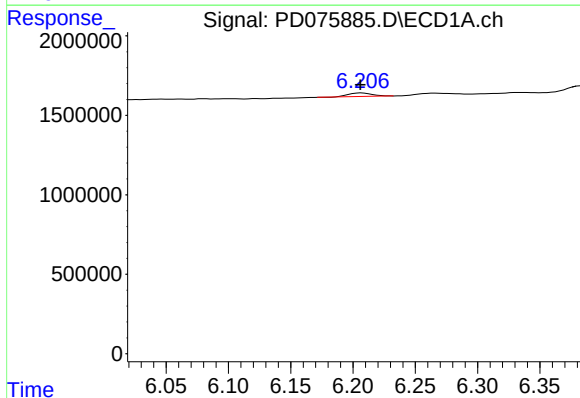
R.T.: 6.046 min
Delta R.T.: 0.012 min
Response: 34960
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



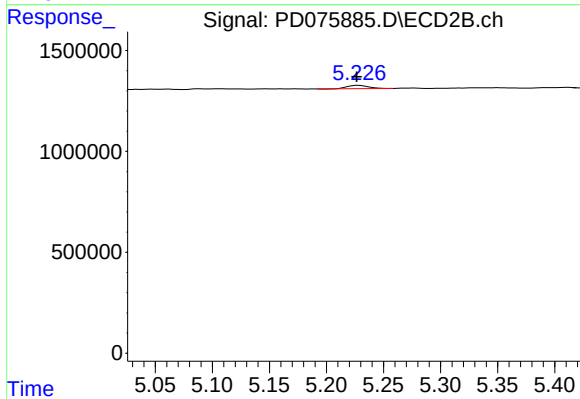
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.037 min
Response: 0
Conc: N.D.



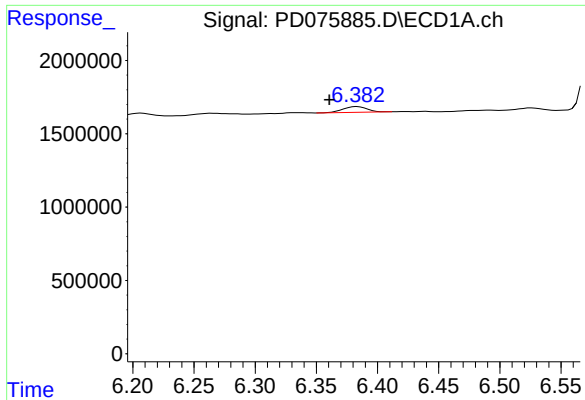
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.001 min
Response: 289573
Conc: 0.10 ng/ml



#12 4,4'-DDE

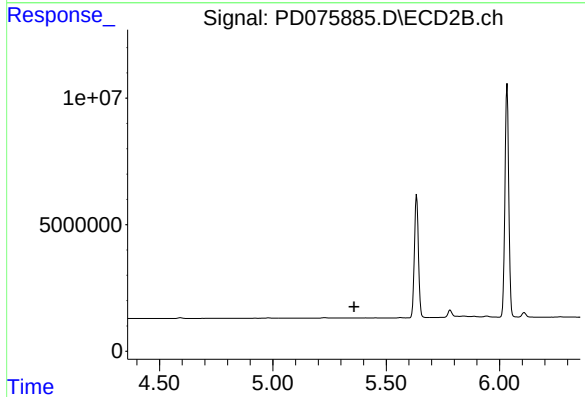
R.T.: 5.228 min
Delta R.T.: 0.001 min
Response: 197763
Conc: 0.18 ng/ml



#13 Dieldrin

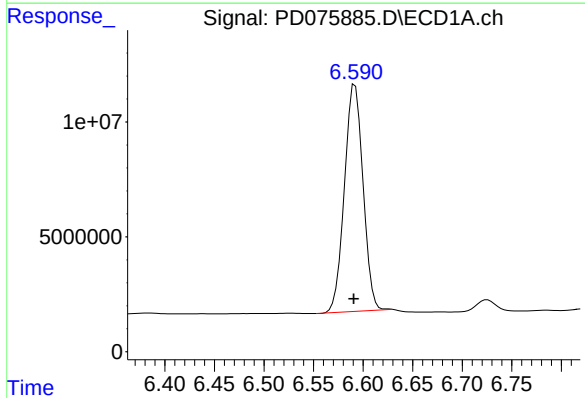
R.T.: 6.383 min
Delta R.T.: 0.023 min
Response: 540282
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



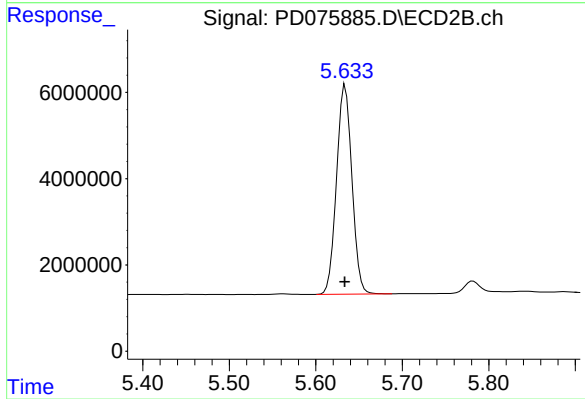
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.358 min
Response: 0
Conc: N.D.



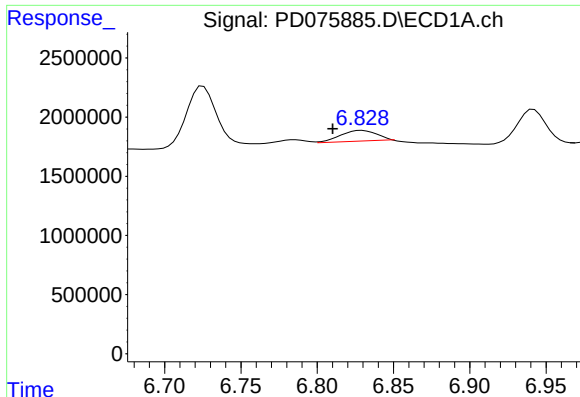
#14 Endrin

R.T.: 6.592 min
Delta R.T.: 0.001 min
Response: 129253428
Conc: 48.33 ng/ml



#14 Endrin

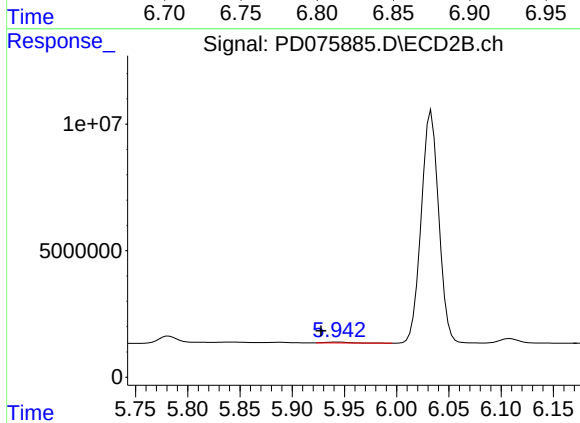
R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 59634294
Conc: 49.00 ng/ml



#15 Endosulfan II

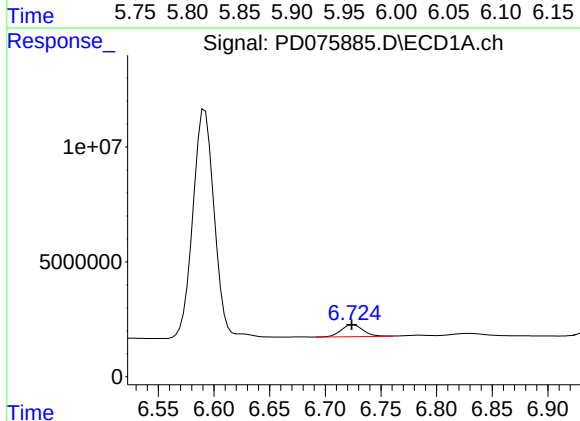
R.T.: 6.829 min
Delta R.T.: 0.019 min
Response: 1539345
Conc: 0.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



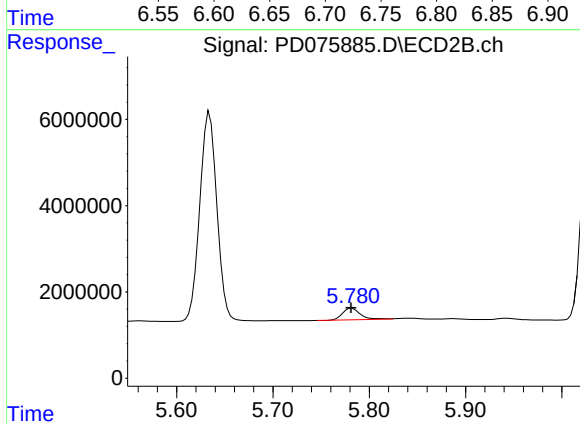
#15 Endosulfan II

R.T.: 5.943 min
Delta R.T.: 0.016 min
Response: 430777
Conc: 0.40 ng/ml



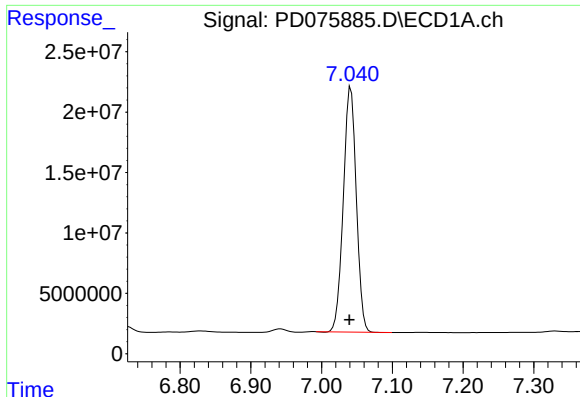
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.002 min
Response: 7094626
Conc: 3.12 ng/ml



#16 4,4'-DDD

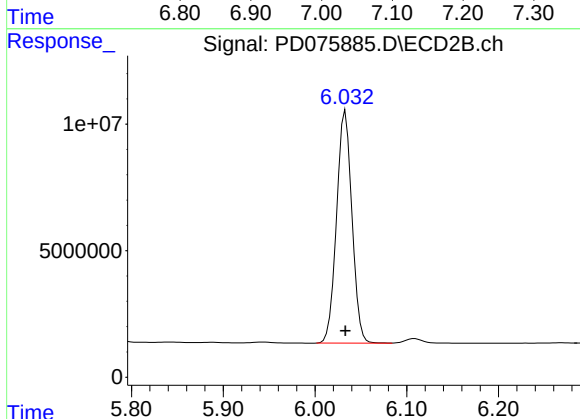
R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 3446170
Conc: 3.91 ng/ml



#17 4,4'-DDT

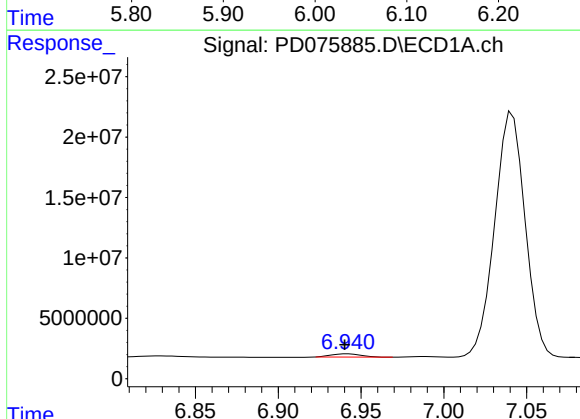
R.T.: 7.041 min
Delta R.T.: 0.002 min
Response: 258653340
Conc: 113.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



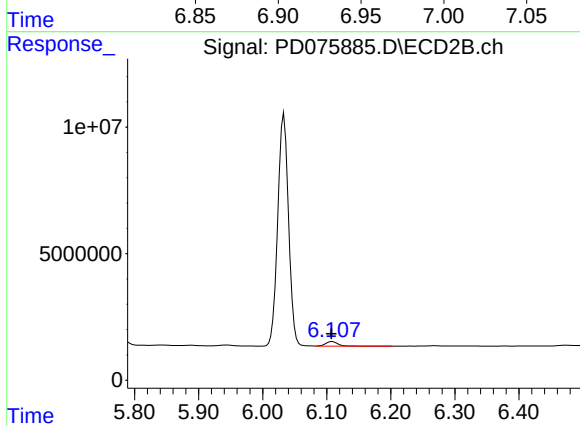
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 107147158
Conc: 131.91 ng/ml



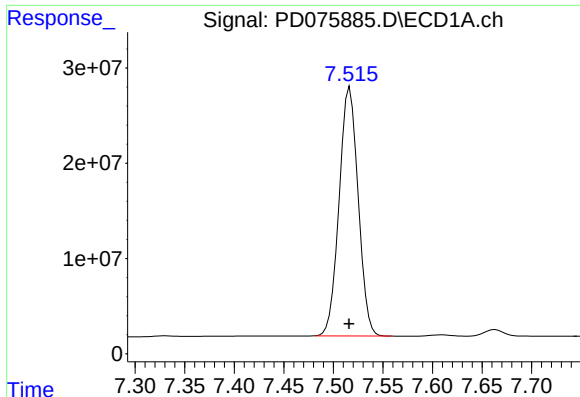
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: 0.002 min
Response: 3363374
Conc: 1.68 ng/ml



#18 Endrin aldehyde

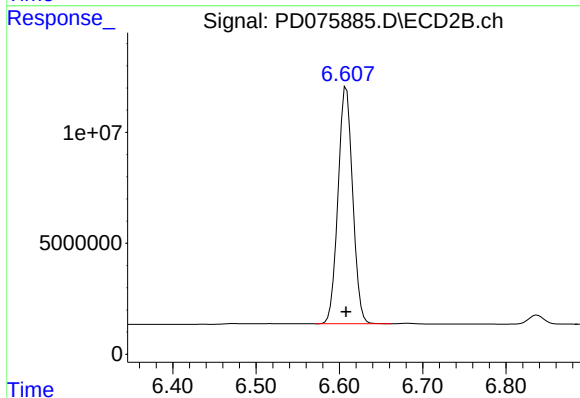
R.T.: 6.109 min
Delta R.T.: 0.001 min
Response: 2392187
Conc: 2.76 ng/ml



#20 Methoxychlor

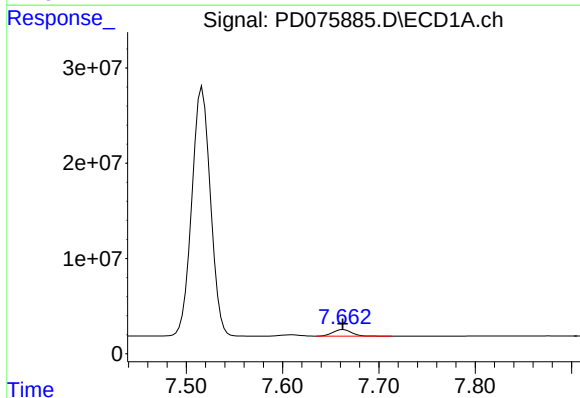
R.T.: 7.517 min
Delta R.T.: 0.001 min
Response: 349095834
Conc: 269.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



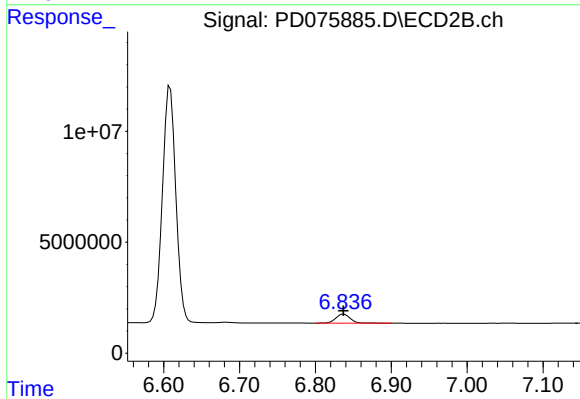
#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 130446799
Conc: 281.84 ng/ml



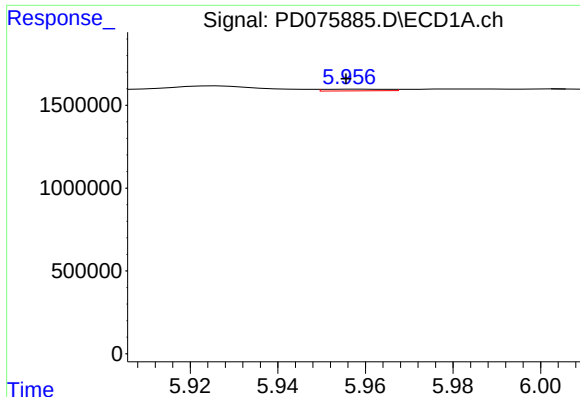
#21 Endrin ketone

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 9500464
Conc: 3.41 ng/ml



#21 Endrin ketone

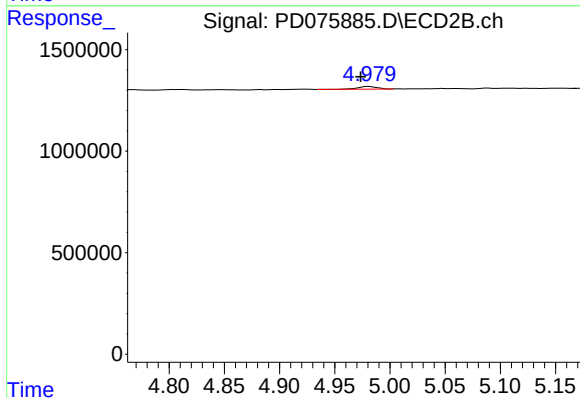
R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 5327758
Conc: 4.39 ng/ml



#25 Chlordane-3

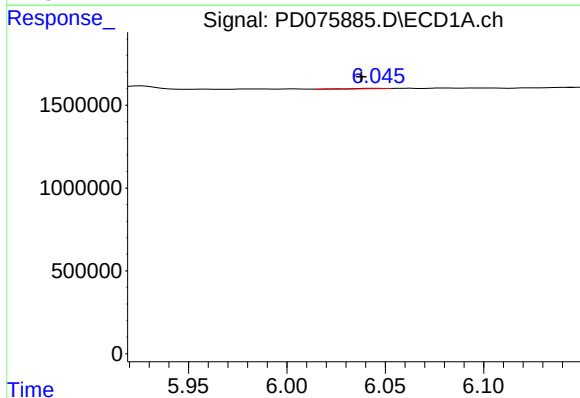
R.T.: 5.958 min
Delta R.T.: 0.002 min
Response: 102057
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



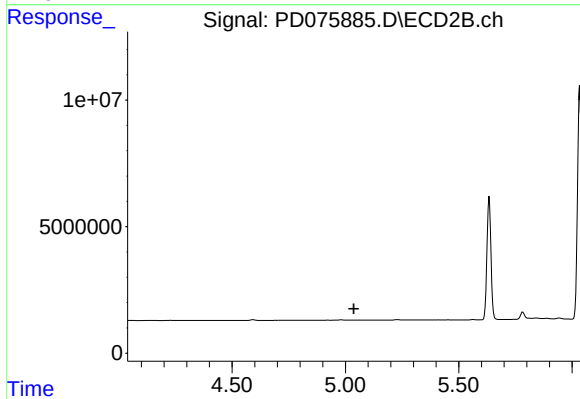
#25 Chlordane-3

R.T.: 4.981 min
Delta R.T.: 0.007 min
Response: 162700
Conc: 1.10 ng/ml



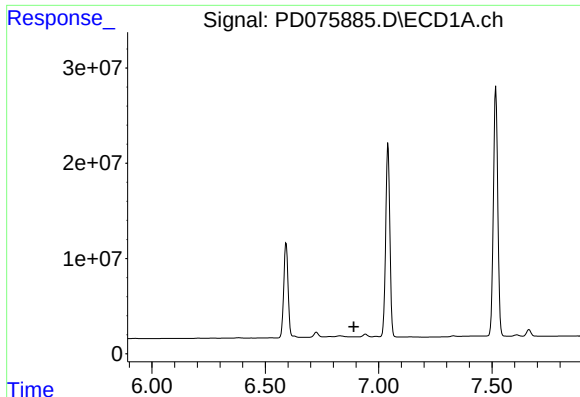
#26 Chlordane-4

R.T.: 6.046 min
Delta R.T.: 0.008 min
Response: 34960
Conc: 0.06 ng/ml



#26 Chlordane-4

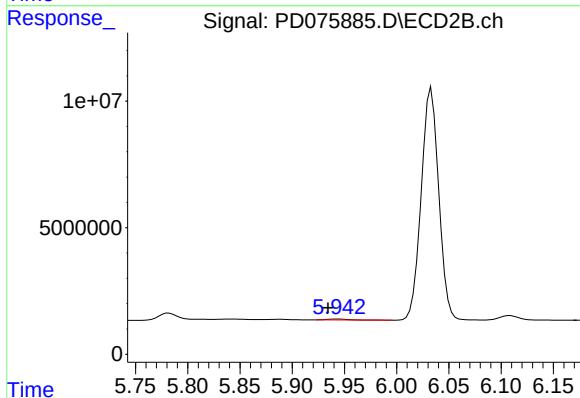
R.T.: 0.000 min
Exp R.T. : 5.037 min
Response: 0
Conc: N.D.



#27 Chlordane-5

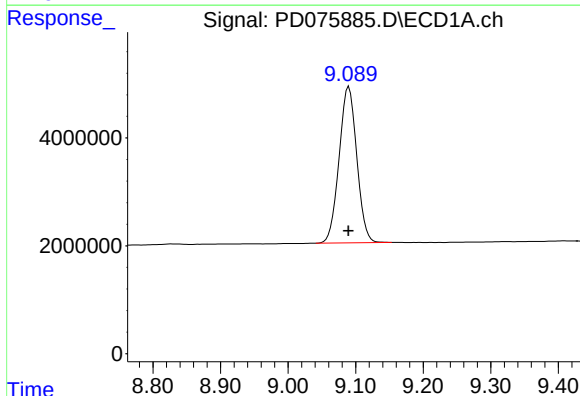
R.T.: 0.000 min
Exp R.T.: 6.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



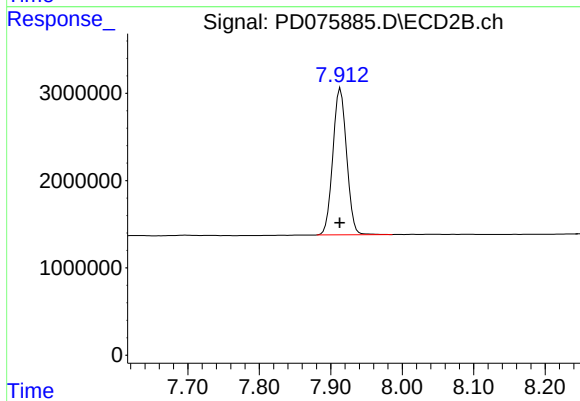
#27 Chlordane-5

R.T.: 5.943 min
Delta R.T.: 0.009 min
Response: 430777
Conc: 8.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: 0.001 min
Response: 52648869
Conc: 20.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: 0.001 min
Response: 22476261
Conc: 22.99 ng/ml