

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062523\
 Data File : PD076088.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2023 08:38
 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 23 22:29:58 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	45044554	23252953	21.146	21.433
28)	SA Decachlor...	9.090	7.913	51940709	23277538	20.503	23.806
Target Compounds							
2)	A alpha-BHC	4.003	3.269	36081682	15903701	9.773	9.941
3)	MA gamma-BHC...	4.337	3.599	34312164	15206532	10.197	10.320
4)	MA Heptachlor	4.944f	0.000	1459156	0	0.407	N.D. #
5)	MB Aldrin	5.253f	0.000	139752	0	0.040	N.D. #
6)	B beta-BHC	4.533	3.896	16302217	7623414	11.339	11.960
7)	B delta-BHC	4.770	0.000	1655292	0	0.498	N.D. #
8)	B Heptachlo...	5.693	0.000	2889446	0	0.897	N.D. #
9)	A Endosulfan I	6.091	0.000	166235	0	0.055	N.D. #
10)	B gamma-Chl...	5.947	0.000	240079	0	0.075	N.D. #
11)	B alpha-Chl...	6.057f	0.000	484497	0	0.150	N.D. #
12)	B 4,4'-DDE	6.208	5.228	274720	240860	0.096	0.216 #
13)	MA Dieldrin	6.383f	0.000	324871	0	0.104	N.D. #
14)	MA Endrin	6.593	5.634	125.6E6	60980779	46.963	50.108
15)	B Endosulfa...	6.827f	5.943f	1160526	322533	0.449	0.299 #
16)	A 4,4'-DDD	6.726	5.782	5790580	2821593	2.545	3.202 #
17)	MA 4,4'-DDT	7.041	6.033	256.9E6	114.8E6	113.229	141.316
18)	B Endrin al...	6.942	6.108	3280411	2289632	1.635	2.645 #
20)	A Methoxychlor	7.517	6.608	350.2E6	151.1E6	270.518	326.440
21)	B Endrin ke...	7.664	6.837	9210442	4878137	3.306	4.015
24)	Chlordane-2	5.253	4.322f	139752	82174	1.062	1.550 #
25)	Chlordane-3	5.947	0.000	240079	0	0.462	N.D. #
26)	Chlordane-4	6.057f	0.000	484497	0	0.769	N.D. #
27)	Chlordane-5	0.000	5.943	0	322533	N.D.	6.668 #

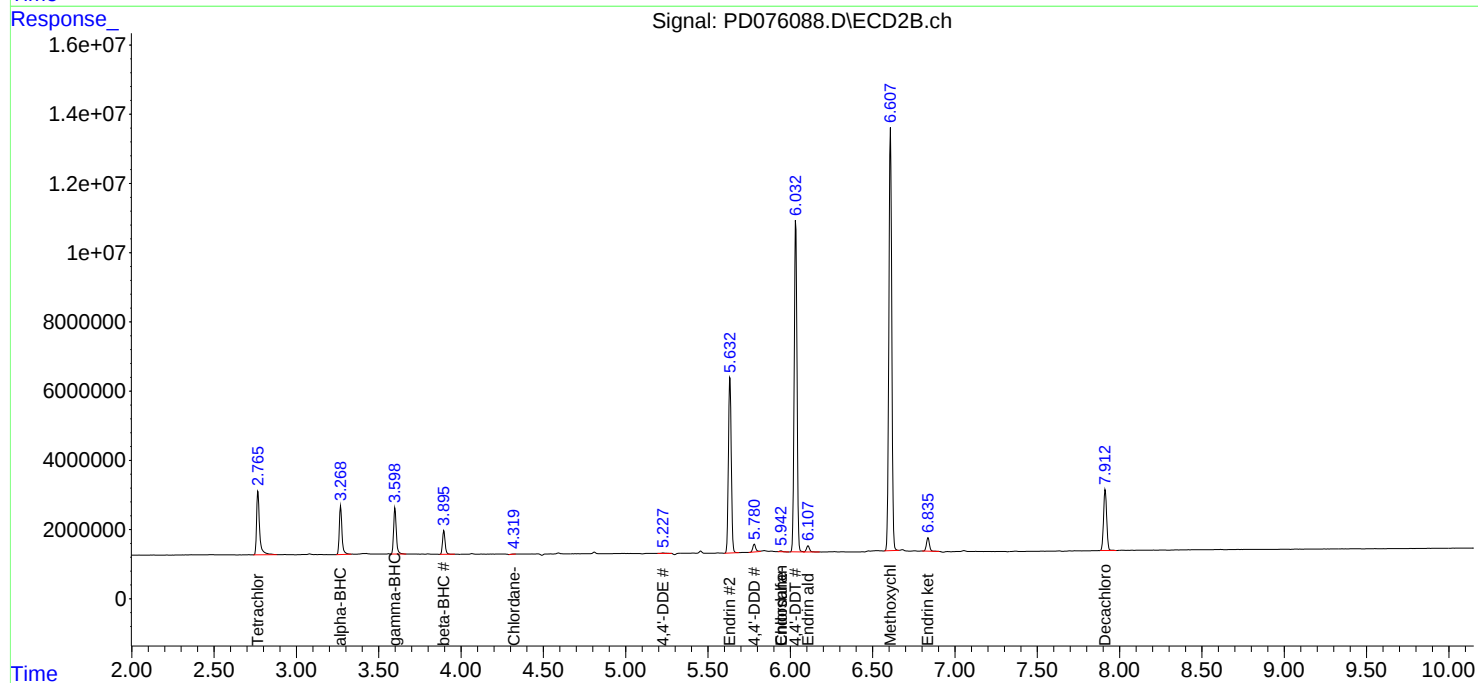
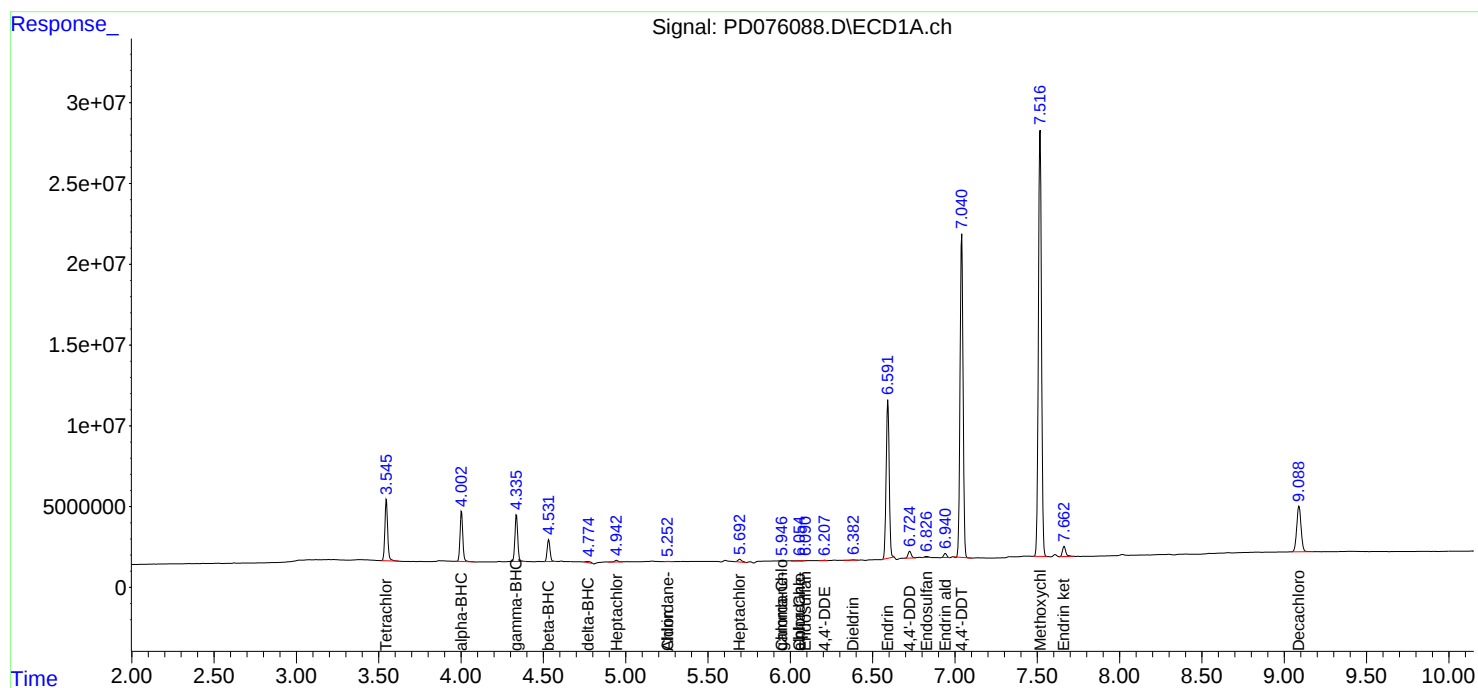
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

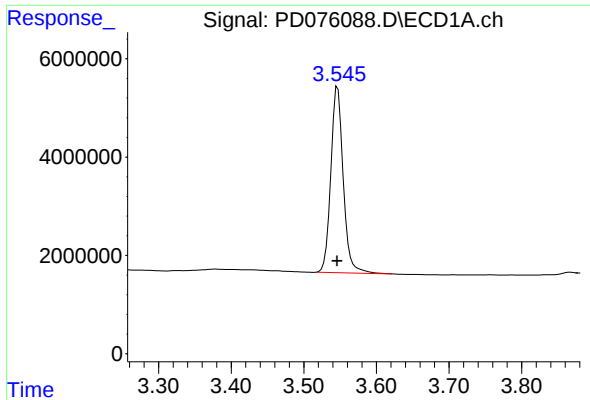
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062523\
Data File : PD076088.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2023 08:38
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 23 22:29:58 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

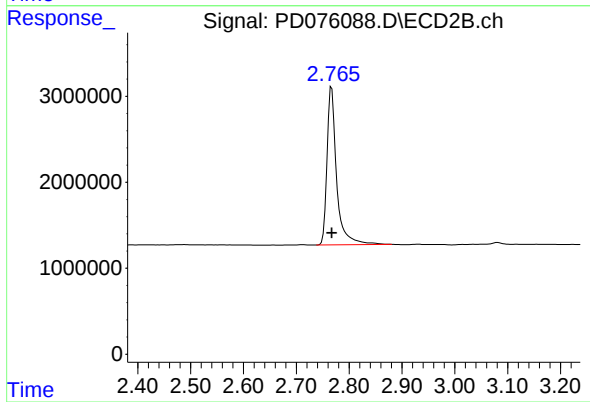




#1 Tetrachloro-m-xylene

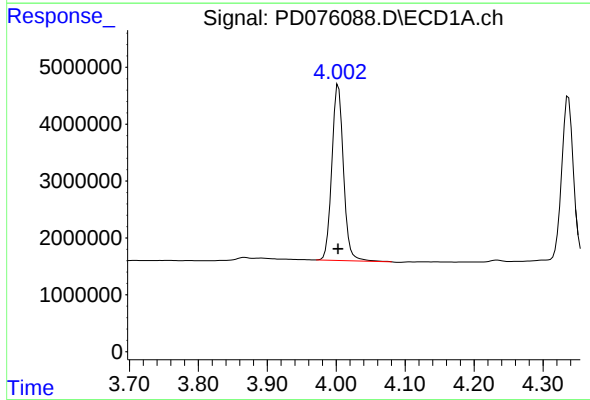
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 45044554
Conc: 21.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



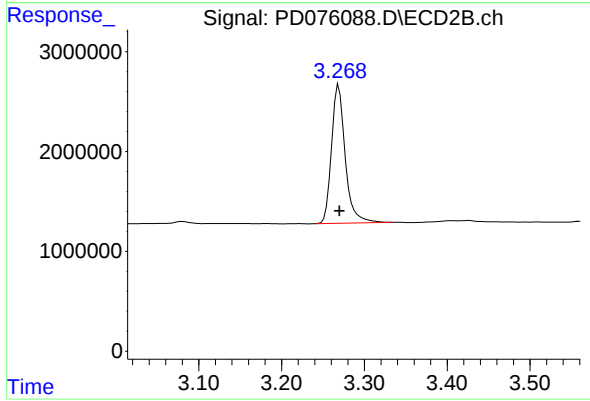
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 23252953
Conc: 21.43 ng/ml



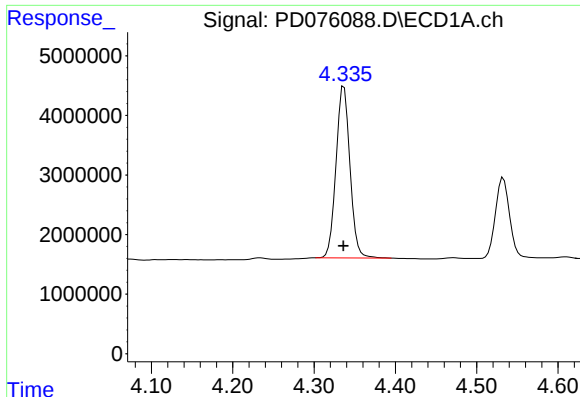
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 36081682
Conc: 9.77 ng/ml



#2 alpha-BHC

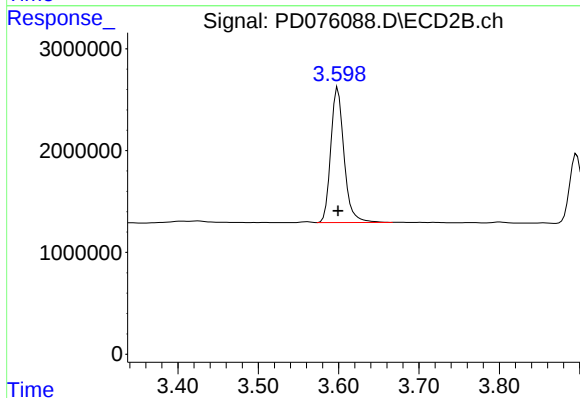
R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 15903701
Conc: 9.94 ng/ml



#3 gamma-BHC (Lindane)

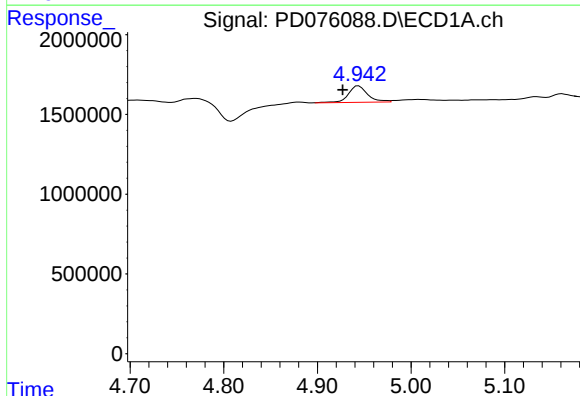
R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 34312164
Conc: 10.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



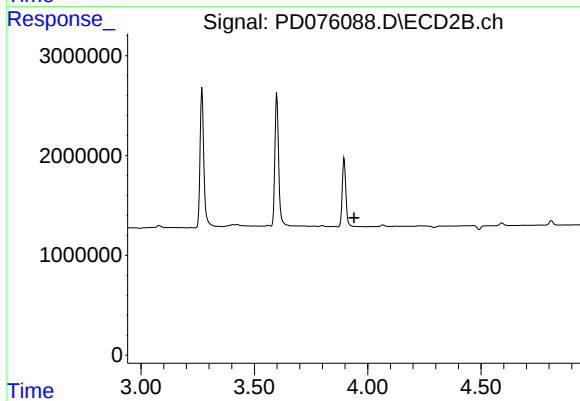
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 15206532
Conc: 10.32 ng/ml



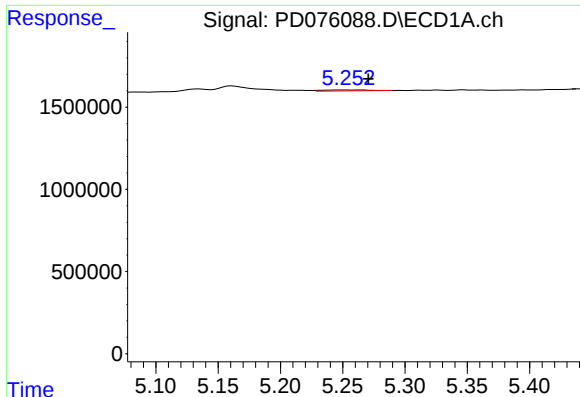
#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: 0.017 min
Response: 1459156
Conc: 0.41 ng/ml



#4 Heptachlor

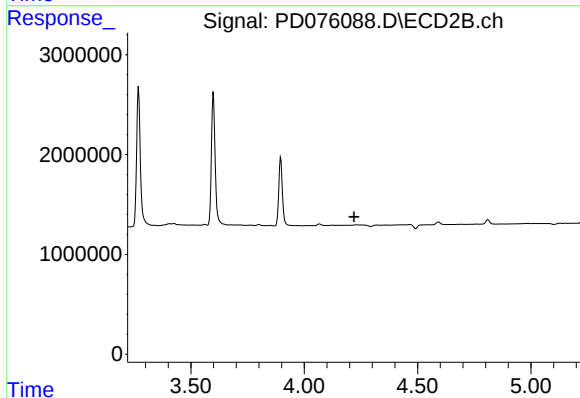
R.T.: 0.000 min
Exp R.T. : 3.940 min
Response: 0
Conc: N.D.



#5 Aldrin

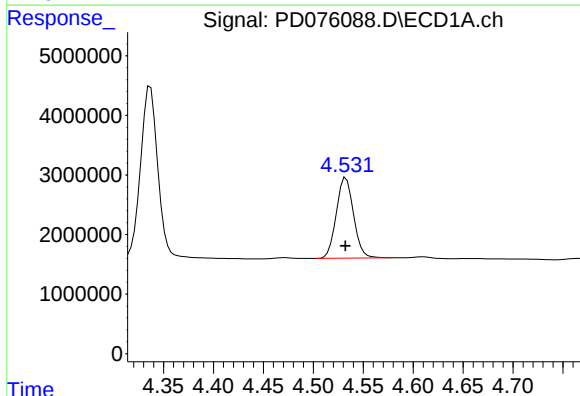
R.T.: 5.253 min
Delta R.T.: -0.018 min
Response: 139752
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



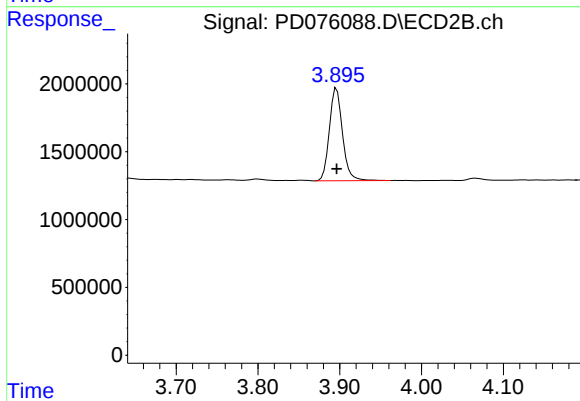
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 4.220 min
Response: 0
Conc: N.D.



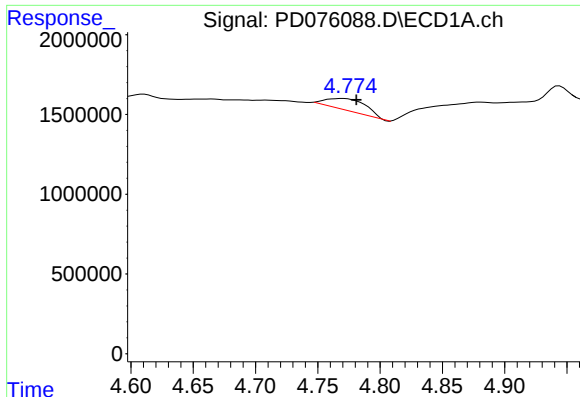
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 16302217
Conc: 11.34 ng/ml



#6 beta-BHC

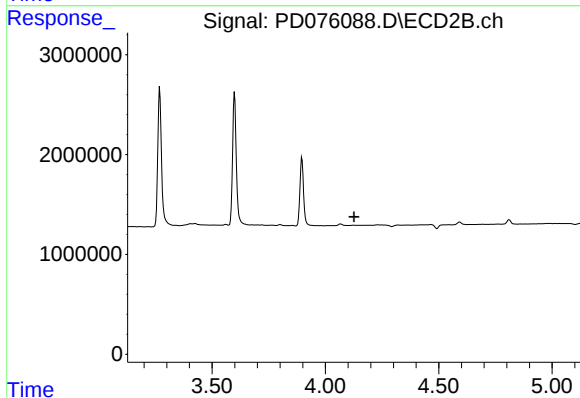
R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 7623414
Conc: 11.96 ng/ml



#7 delta-BHC

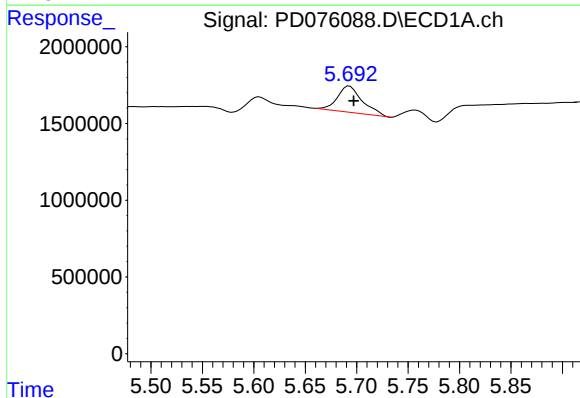
R.T.: 4.770 min
Delta R.T.: -0.010 min
Response: 1655292
Conc: 0.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



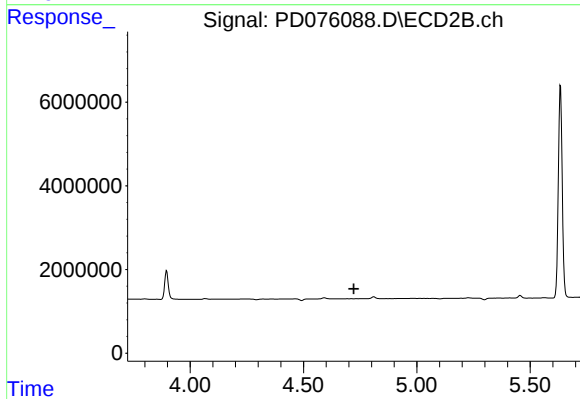
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.127 min
Response: 0
Conc: N.D.



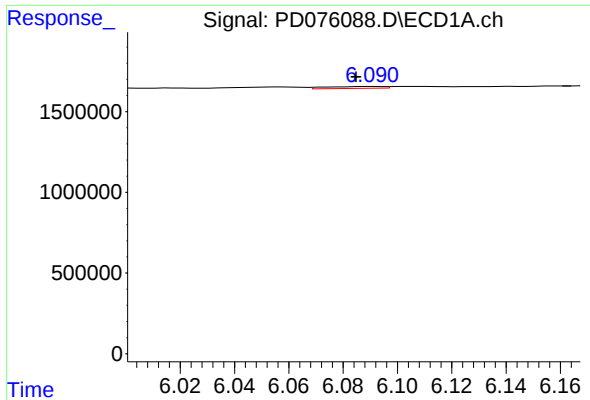
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: -0.004 min
Response: 2889446
Conc: 0.90 ng/ml



#8 Heptachlor epoxide

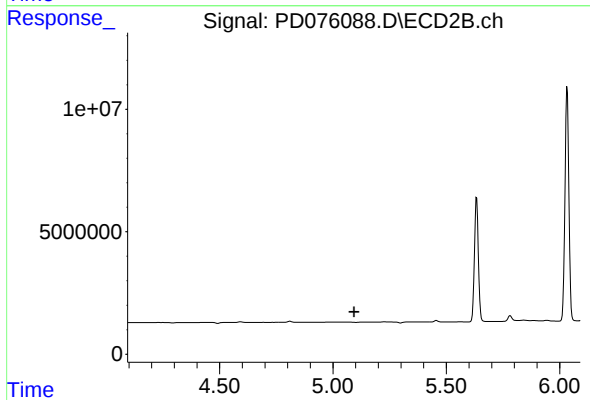
R.T.: 0.000 min
Exp R.T. : 4.723 min
Response: 0
Conc: N.D.



#9 Endosulfan I

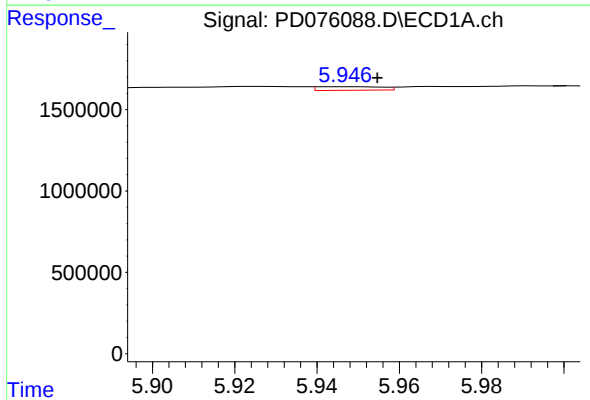
R.T.: 6.091 min
Delta R.T.: 0.006 min
Response: 166235
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



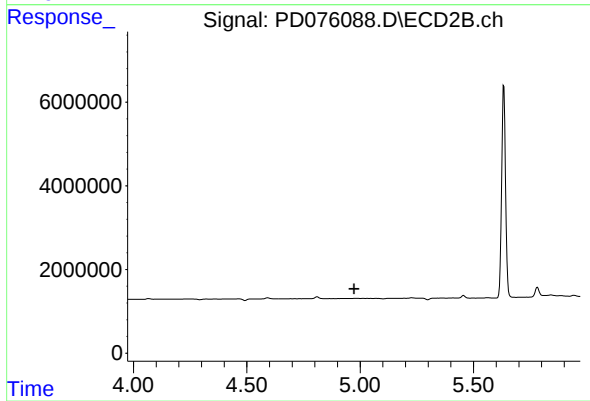
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.093 min
Response: 0
Conc: N.D.



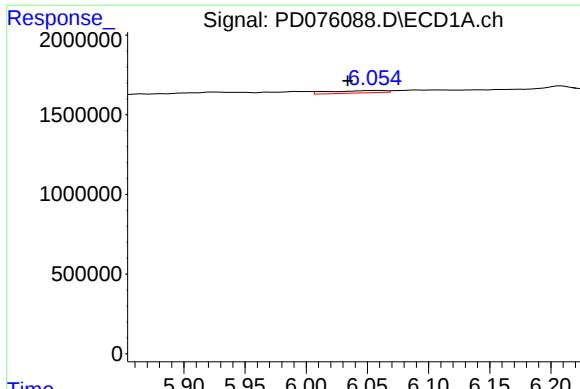
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: -0.008 min
Response: 240079
Conc: 0.07 ng/ml



#10 gamma-Chlordane

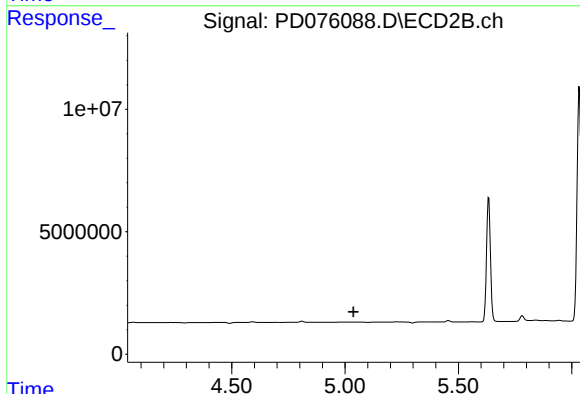
R.T.: 0.000 min
Exp R.T. : 4.973 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

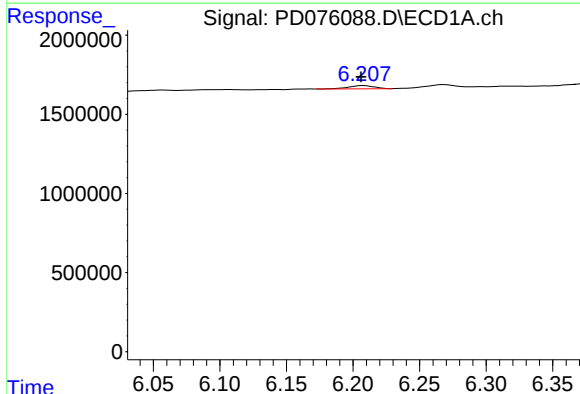
R.T.: 6.057 min
Delta R.T.: 0.023 min
Response: 484497
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



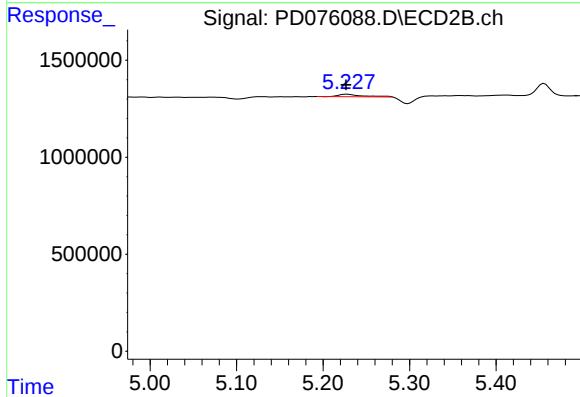
#11 alpha-Chlordane

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



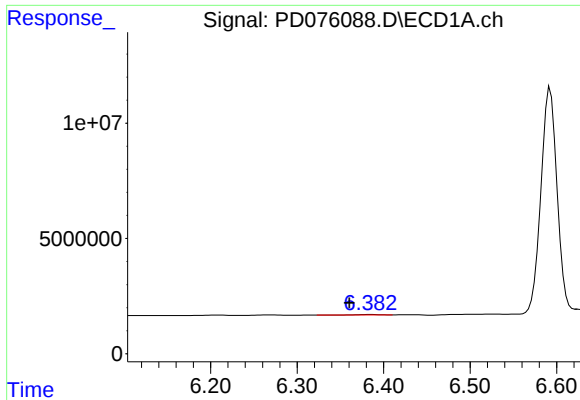
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: 0.002 min
Response: 274720
Conc: 0.10 ng/ml



#12 4,4'-DDE

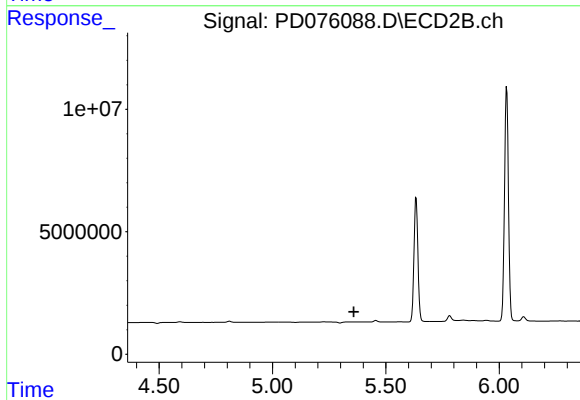
R.T.: 5.228 min
Delta R.T.: 0.001 min
Response: 240860
Conc: 0.22 ng/ml



#13 Dieldrin

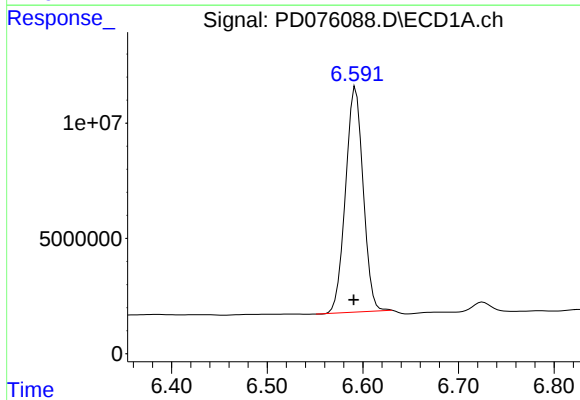
R.T.: 6.383 min
Delta R.T.: 0.023 min
Response: 324871
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



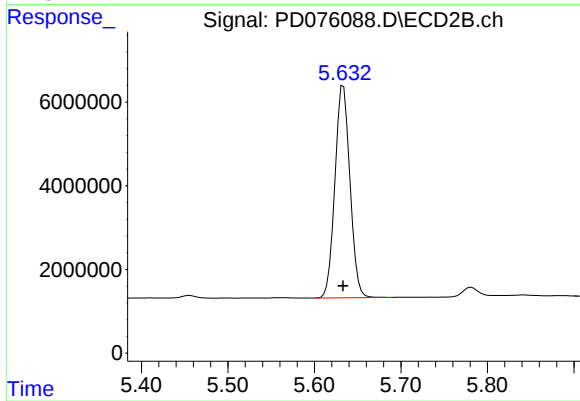
#13 Dieldrin

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



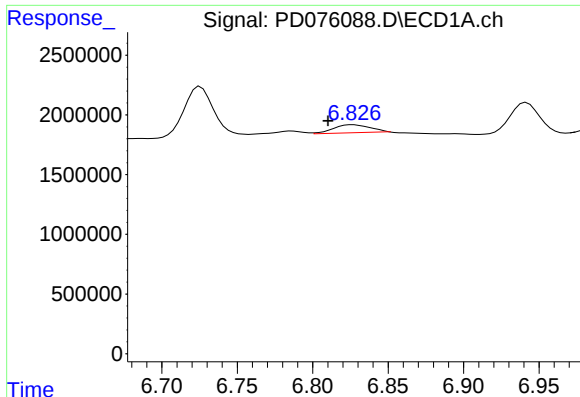
#14 Endrin

R.T.: 6.593 min
Delta R.T.: 0.002 min
Response: 125594987
Conc: 46.96 ng/ml



#14 Endrin

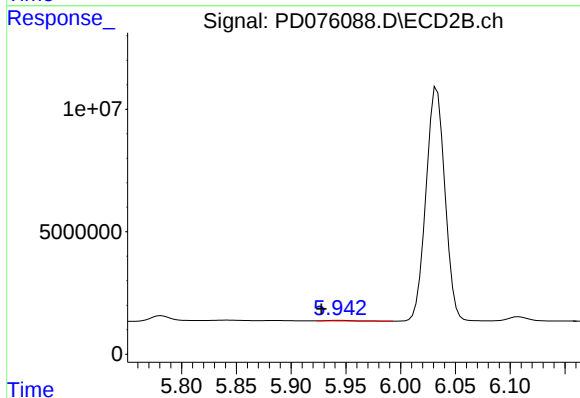
R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 60980779
Conc: 50.11 ng/ml



#15 Endosulfan II

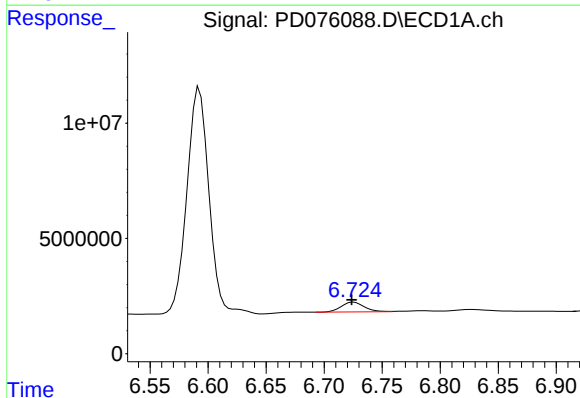
R.T.: 6.827 min
Delta R.T.: 0.017 min
Response: 1160526
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



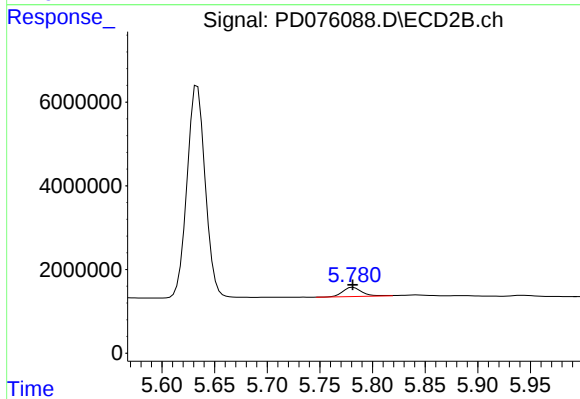
#15 Endosulfan II

R.T.: 5.943 min
Delta R.T.: 0.016 min
Response: 322533
Conc: 0.30 ng/ml



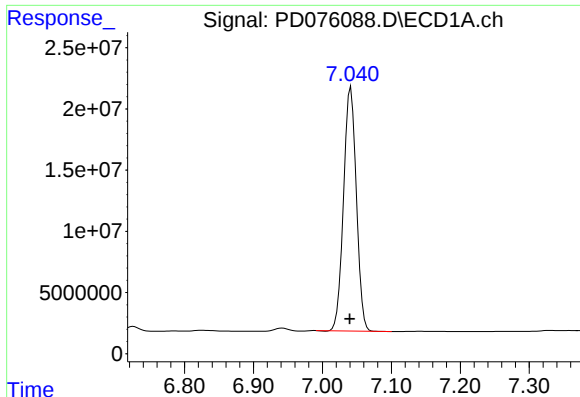
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: 0.002 min
Response: 5790580
Conc: 2.54 ng/ml



#16 4,4'-DDD

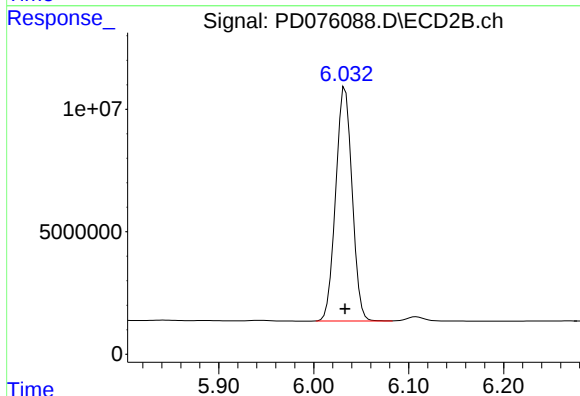
R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 2821593
Conc: 3.20 ng/ml



#17 4,4'-DDT

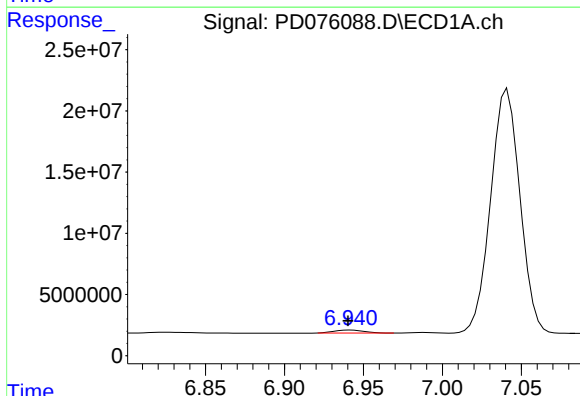
R.T.: 7.041 min
Delta R.T.: 0.002 min
Response: 256946669
Conc: 113.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



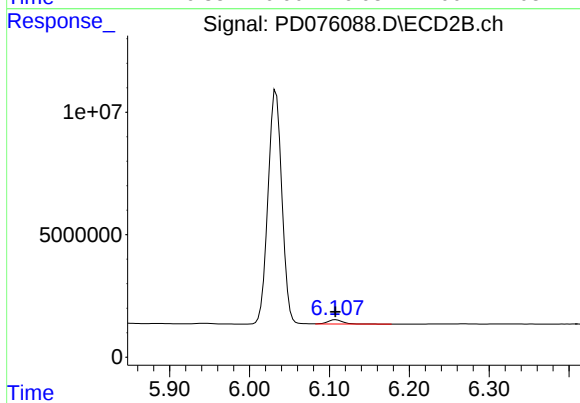
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 114789842
Conc: 141.32 ng/ml



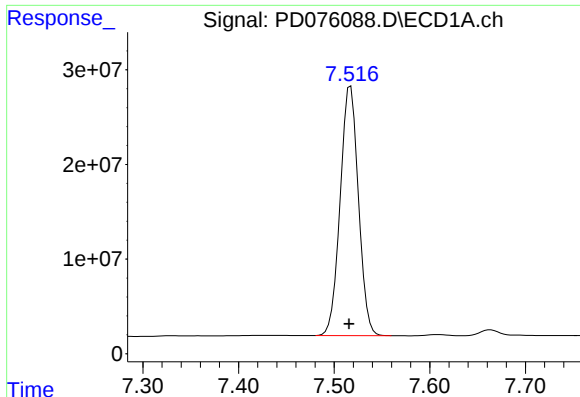
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: 0.002 min
Response: 3280411
Conc: 1.63 ng/ml



#18 Endrin aldehyde

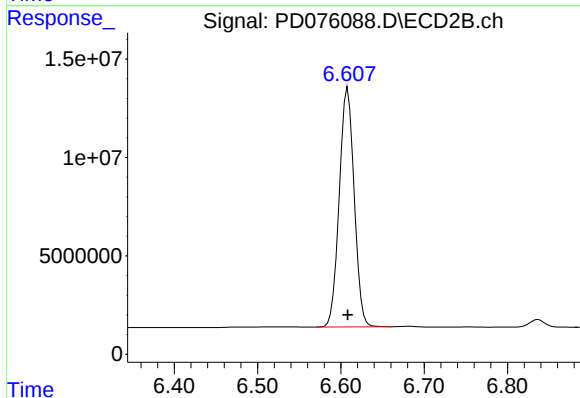
R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 2289632
Conc: 2.65 ng/ml



#20 Methoxychlor

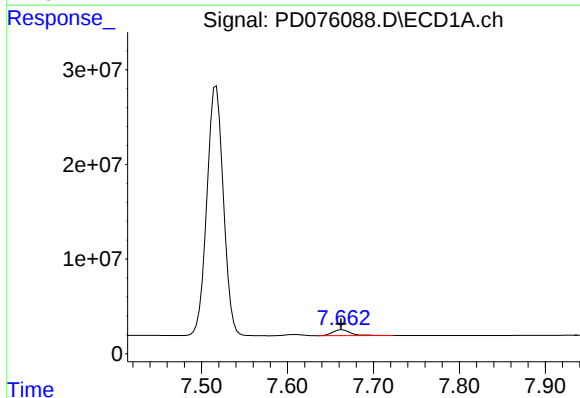
R.T.: 7.517 min
Delta R.T.: 0.002 min
Response: 350156803
Conc: 270.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



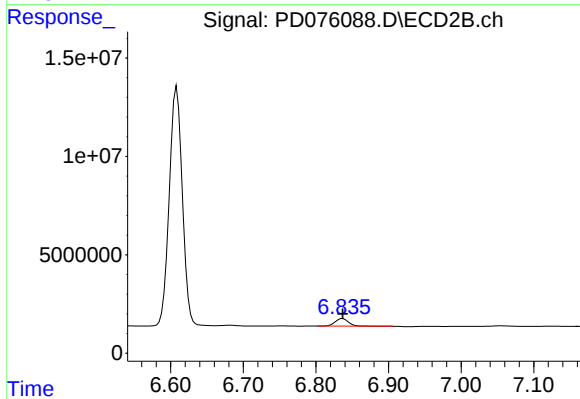
#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 151090387
Conc: 326.44 ng/ml



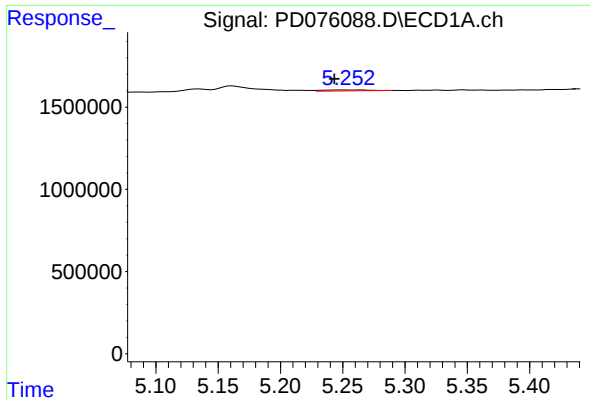
#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: 0.001 min
Response: 9210442
Conc: 3.31 ng/ml



#21 Endrin ketone

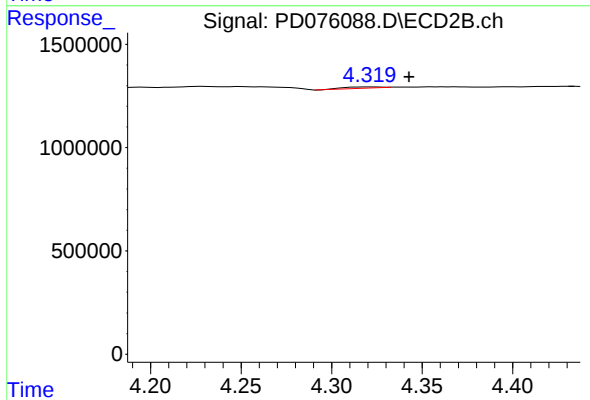
R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 4878137
Conc: 4.02 ng/ml



#24 Chlordane-2

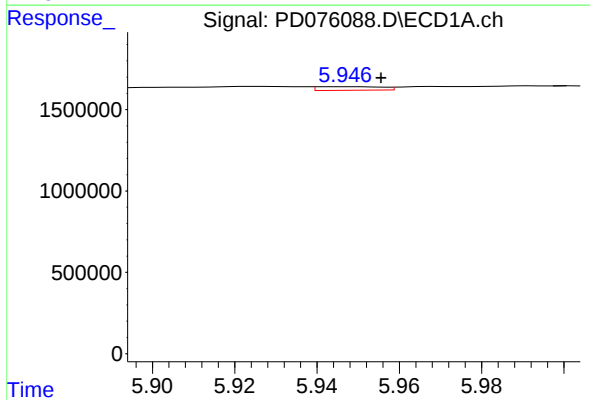
R.T.: 5.253 min
Delta R.T.: 0.009 min
Response: 139752
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



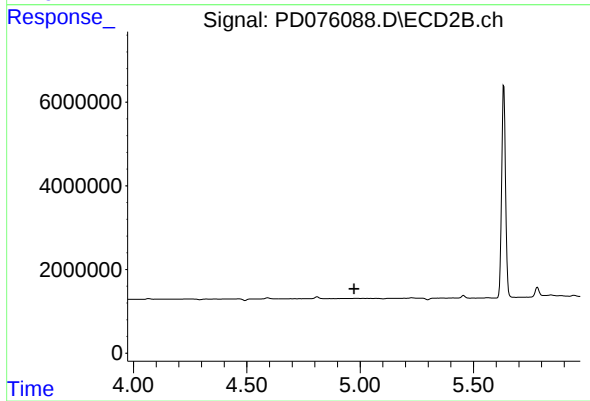
#24 Chlordane-2

R.T.: 4.322 min
Delta R.T.: -0.021 min
Response: 82174
Conc: 1.55 ng/ml



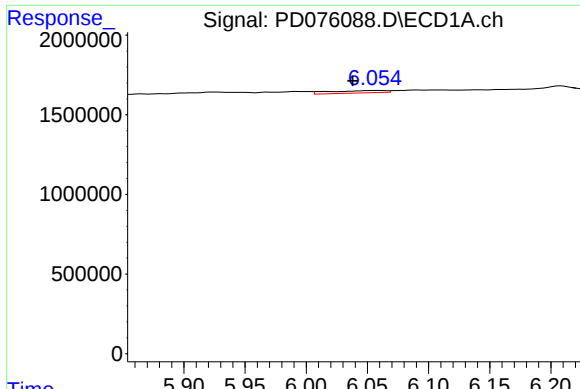
#25 Chlordane-3

R.T.: 5.947 min
Delta R.T.: -0.009 min
Response: 240079
Conc: 0.46 ng/ml



#25 Chlordane-3

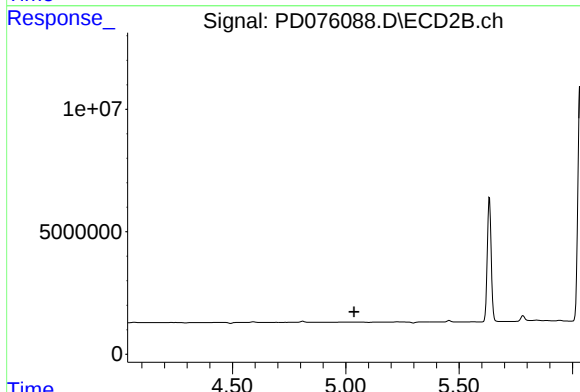
R.T.: 0.000 min
Exp R.T. : 4.974 min
Response: 0
Conc: N.D.



#26 Chlordane-4

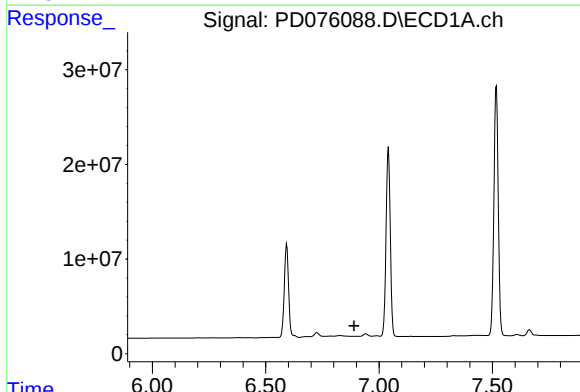
R.T.: 6.057 min
Delta R.T.: 0.019 min
Response: 484497
Conc: 0.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



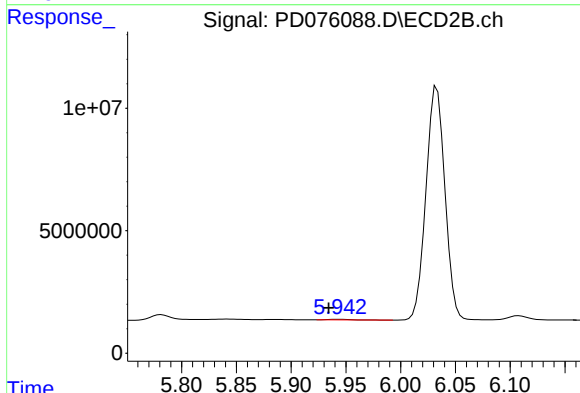
#26 Chlordane-4

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



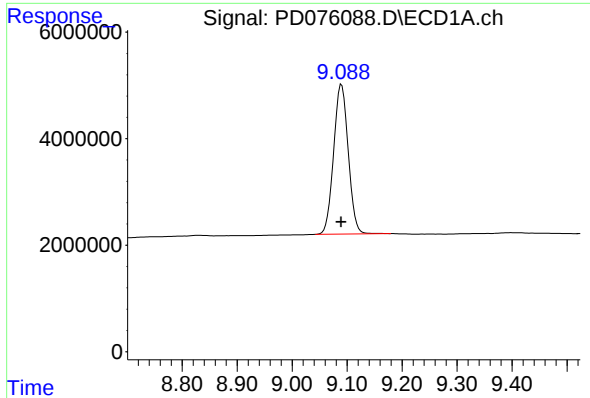
#27 Chlordane-5

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



#27 Chlordane-5

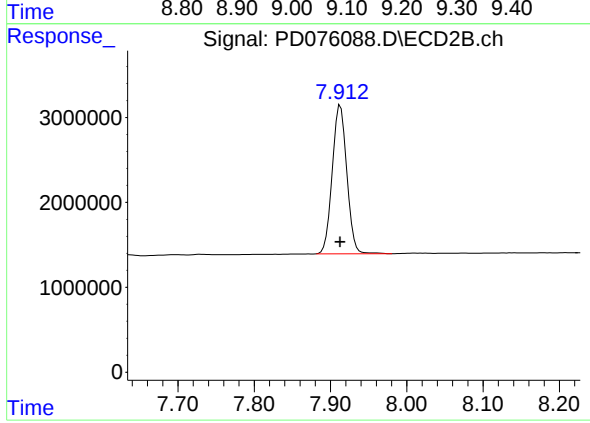
R.T.: 5.943 min
Delta R.T.: 0.009 min
Response: 322533
Conc: 6.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: 0.000 min
Response: 51940709
Conc: 20.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 23277538
Conc: 23.81 ng/ml