

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100425\
 Data File : PD090506.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2025 10:46
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:26:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.545	2.875	63658042	522.3E6	19.584	19.028
28)	SA Decachlor...	9.062	8.059	106.4E6	667.8E6	22.061	20.603
Target Compounds							
2)	A alpha-BHC	3.994	3.386	61435787	434.2E6	8.796	9.918
3)	MA gamma-BHC...	4.324	3.723	60331943	405.7E6	9.118	9.958
4)	MA Heptachlor	4.923	4.067	908781	1017545	0.137	0.025 #
5)	MB Aldrin	0.000	4.361	0	2246053	N.D.	0.056 #
6)	B beta-BHC	4.512	4.018	25587309	174.6E6	9.918	10.073
7)	B delta-BHC	4.770	4.230f	999582	196167	0.155	0.005 #
8)	B Heptachlo...	5.676	4.855	2035608	2053971	0.356	0.056 #
9)	A Endosulfan I	0.000	5.214f	0	2026683	N.D.	0.059 #
10)	B gamma-Chl...	0.000	5.117	0	3101122	N.D.	0.079 #
12)	B 4,4'-DDE	6.190	5.367	440314	3498896	0.085	0.091
13)	MA Dieldrin	6.362f	5.504	162875	1386714	0.028	0.036 #
14)	MA Endrin	6.567	5.779	252.6E6	1667.8E6	51.620	46.545
15)	B Endosulfa...	6.797f	6.076	4715037	2744059	0.967	0.081 #
16)	A 4,4'-DDD	6.698	5.920	7147847	35788476	1.744	1.104 #
17)	MA 4,4'-DDT	7.014	6.173	464.1E6	3130.0E6	104.226	91.044
18)	B Endrin al...	6.910	6.246	2131678	16530449	0.621	0.702
19)	B Endosulfa...	0.000	6.476	0	660481	N.D.	0.020 #
20)	A Methoxychlor	7.487	6.743	571.8E6	3301.9E6	242.654	189.760
21)	B Endrin ke...	7.623	6.979	3986182	13262078	0.806	0.367 #
22)	Mirex	0.000	7.165	0	8503134	N.D.	0.308 #
23)	Chlordane-1	0.000	3.894	0	696787	N.D.	0.579 #
24)	Chlordane-2	0.000	4.478	0	3176233	N.D.	2.540 #
25)	Chlordane-3	0.000	5.117	0	3101122	N.D.	0.818 #
26)	Chlordane-4	0.000	5.197	0	3060452	N.D.	0.940 #
27)	Chlordane-5	6.864	6.076	934196	2744059	5.247	1.808 #

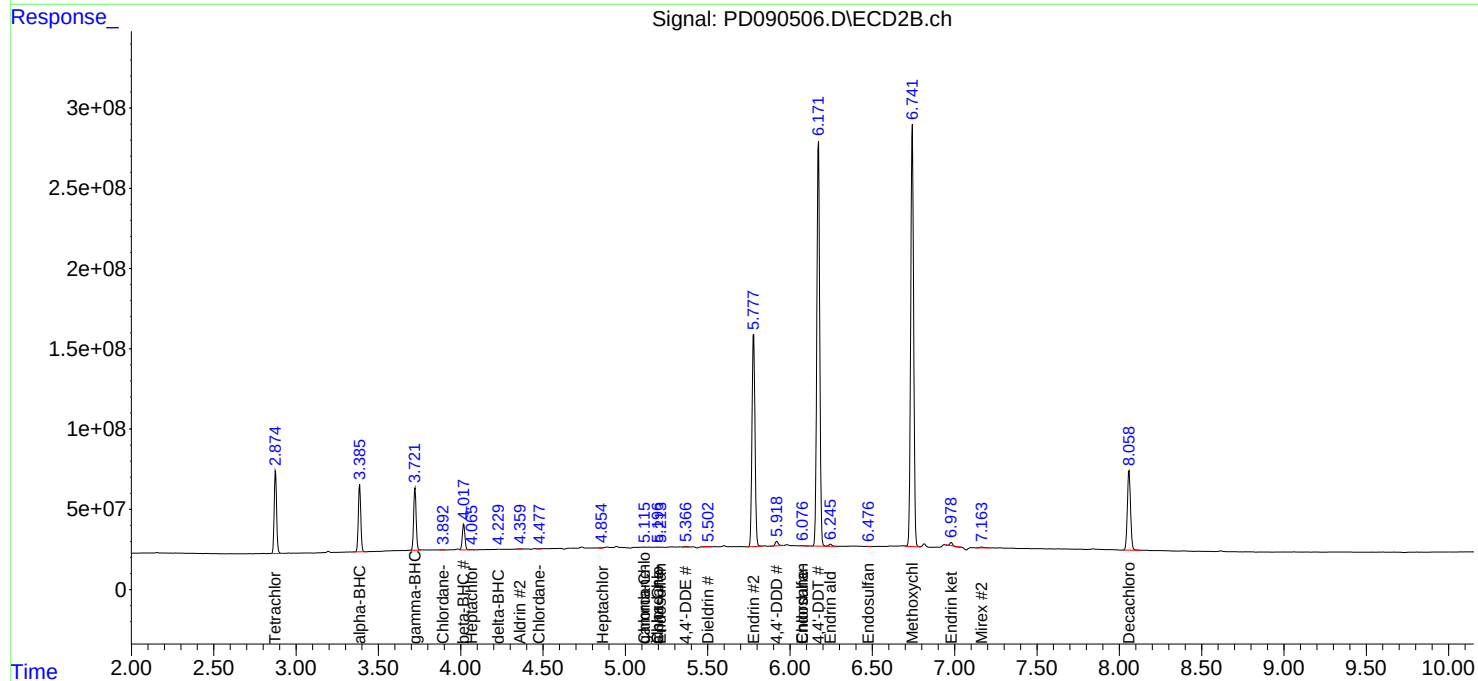
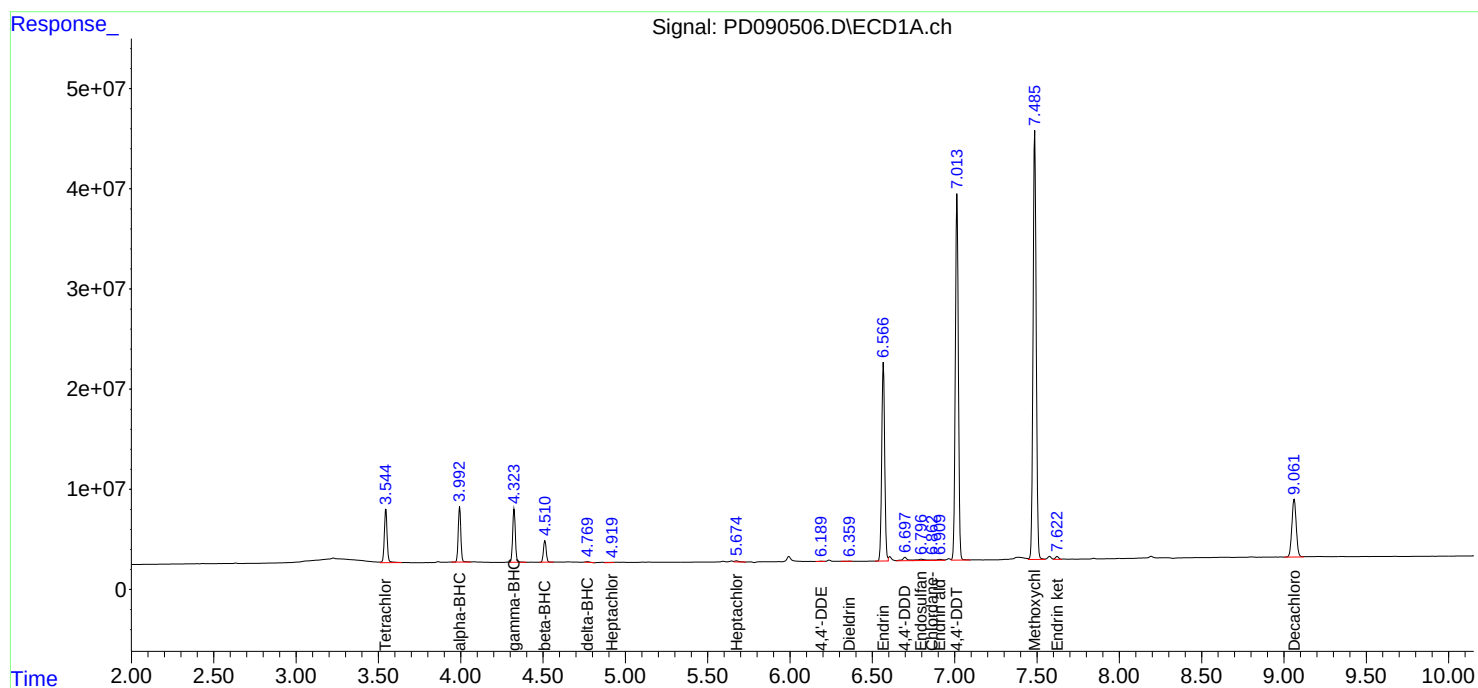
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

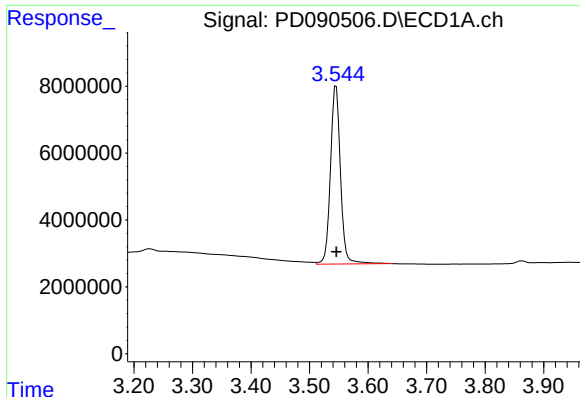
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100425\
Data File : PD090506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2025 10:46
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 01:26:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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

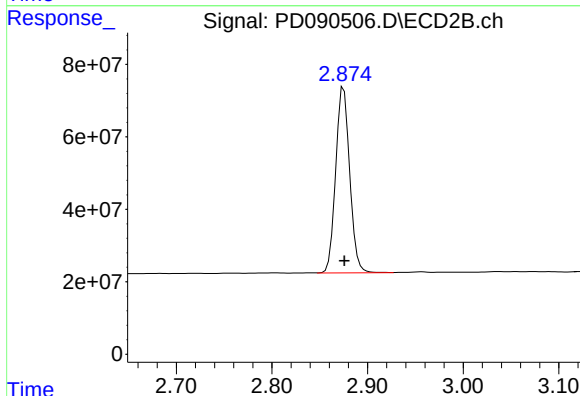




#1 Tetrachloro-m-xylene

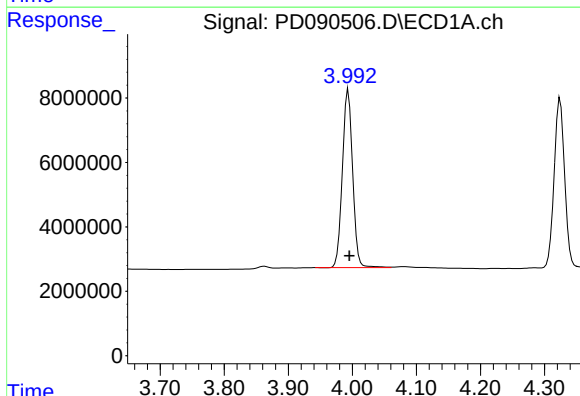
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 63658042
Conc: 19.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



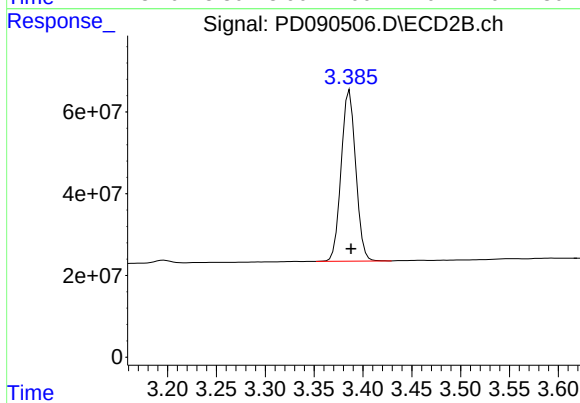
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 522325290
Conc: 19.03 ng/ml



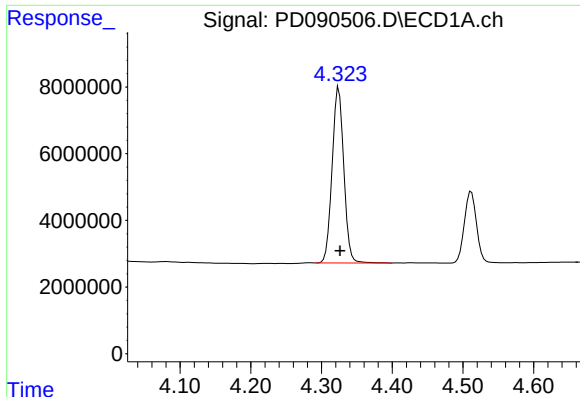
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.002 min
Response: 61435787
Conc: 8.80 ng/ml



#2 alpha-BHC

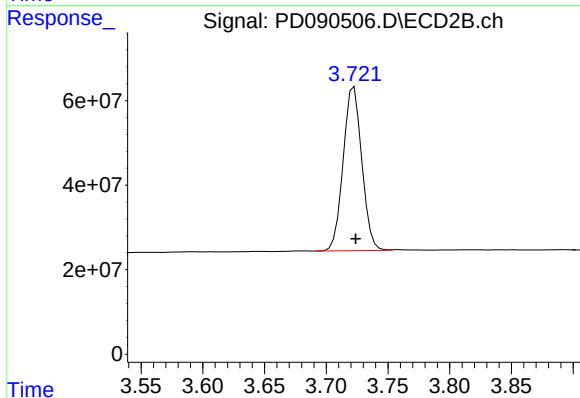
R.T.: 3.386 min
Delta R.T.: -0.001 min
Response: 434238998
Conc: 9.92 ng/ml



#3 gamma-BHC (Lindane)

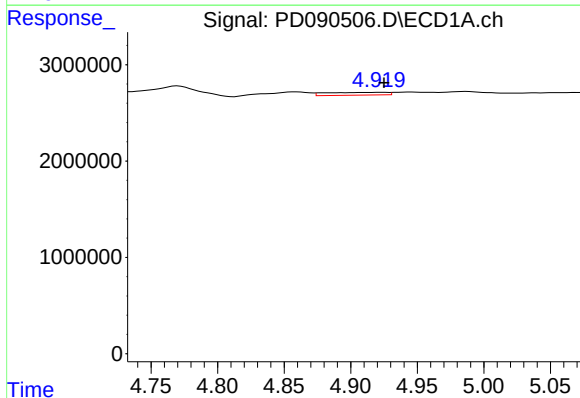
R.T.: 4.324 min
Delta R.T.: -0.002 min
Response: 60331943
Conc: 9.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



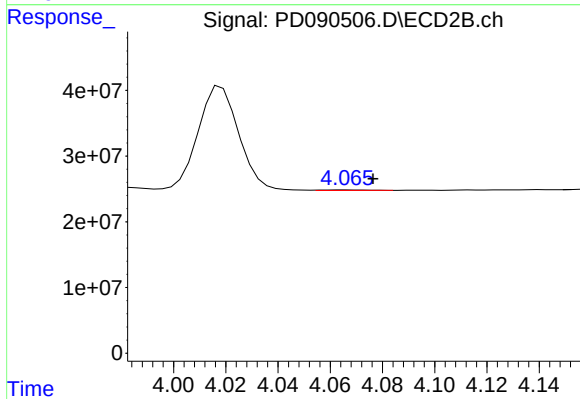
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: -0.001 min
Response: 405651219
Conc: 9.96 ng/ml



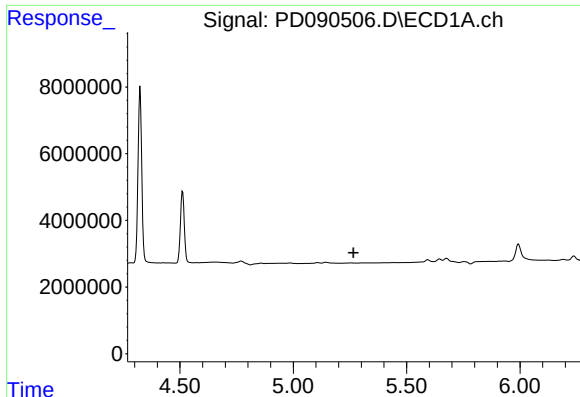
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: -0.003 min
Response: 908781
Conc: 0.14 ng/ml



#4 Heptachlor

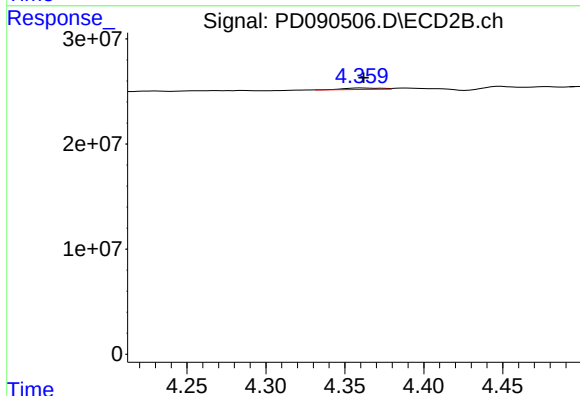
R.T.: 4.067 min
Delta R.T.: -0.010 min
Response: 1017545
Conc: 0.02 ng/ml



#5 Aldrin

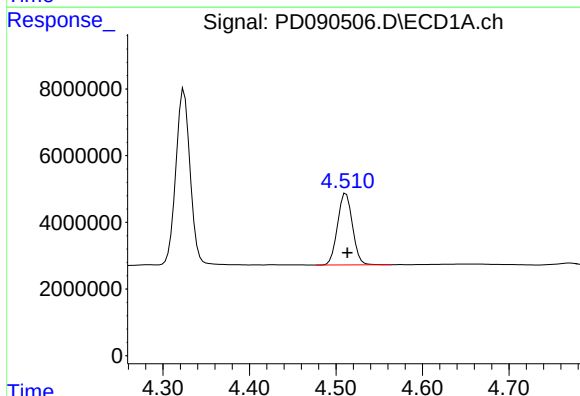
R.T.: 0.000 min
Exp R.T.: 5.266 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



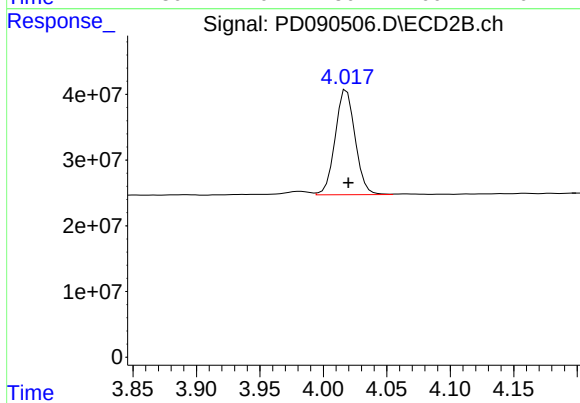
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.001 min
Response: 2246053
Conc: 0.06 ng/ml



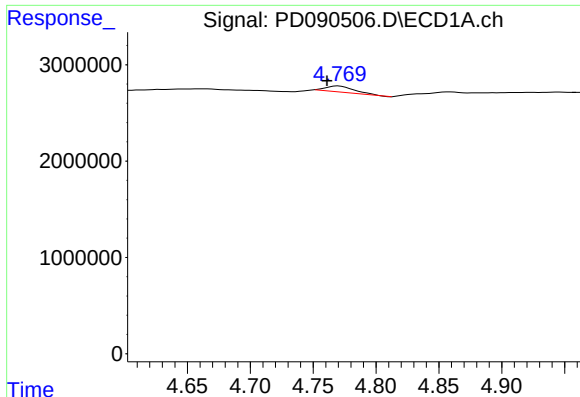
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: -0.002 min
Response: 25587309
Conc: 9.92 ng/ml



#6 beta-BHC

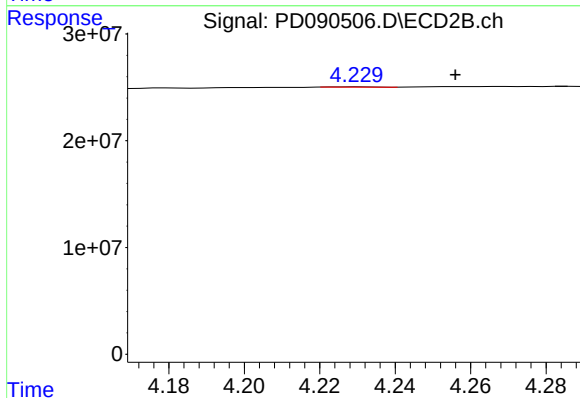
R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 174611428
Conc: 10.07 ng/ml



#7 delta-BHC

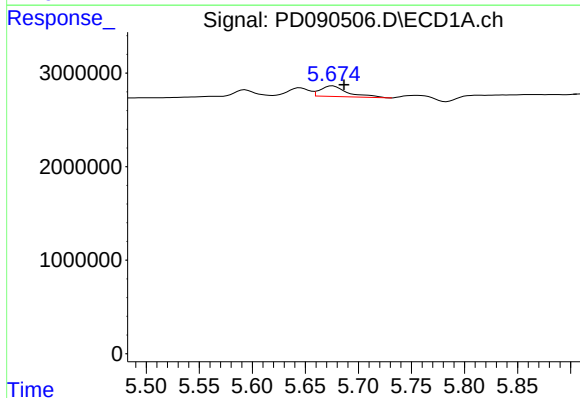
R.T.: 4.770 min
Delta R.T.: 0.009 min
Response: 999582
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



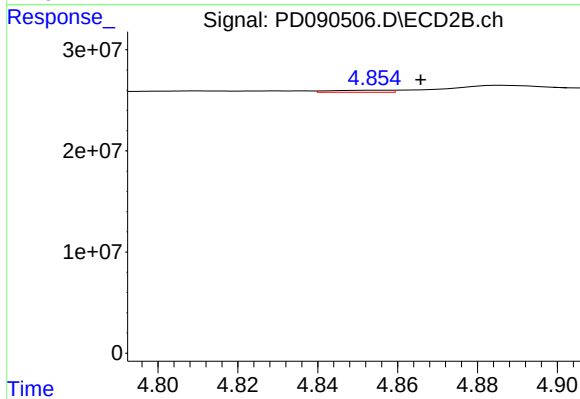
#7 delta-BHC

R.T.: 4.230 min
Delta R.T.: -0.026 min
Response: 196167
Conc: 0.00 ng/ml



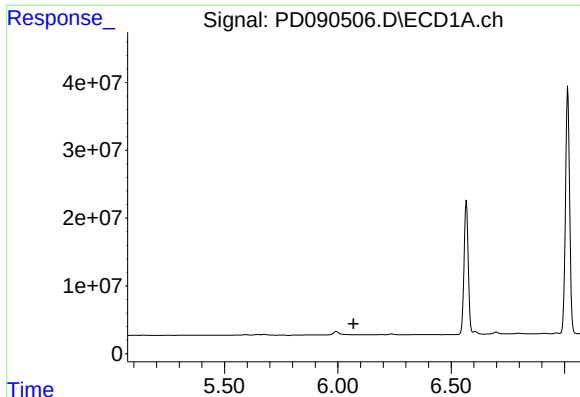
#8 Heptachlor epoxide

R.T.: 5.676 min
Delta R.T.: -0.011 min
Response: 2035608
Conc: 0.36 ng/ml



#8 Heptachlor epoxide

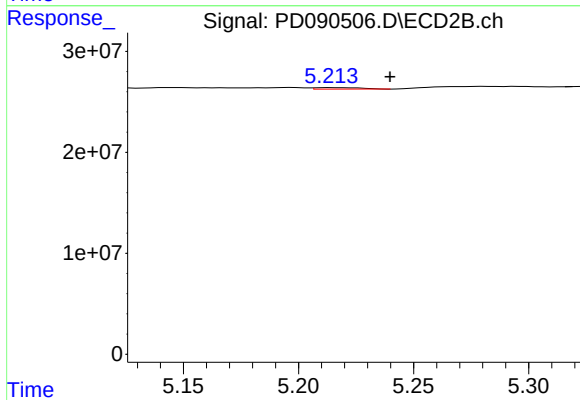
R.T.: 4.855 min
Delta R.T.: -0.010 min
Response: 2053971
Conc: 0.06 ng/ml



#9 Endosulfan I

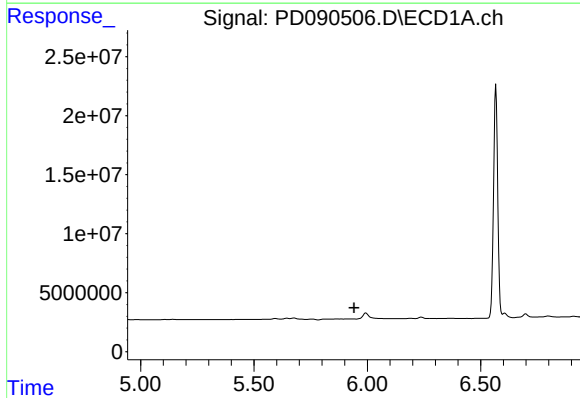
R.T.: 0.000 min
Exp R.T.: 6.070 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



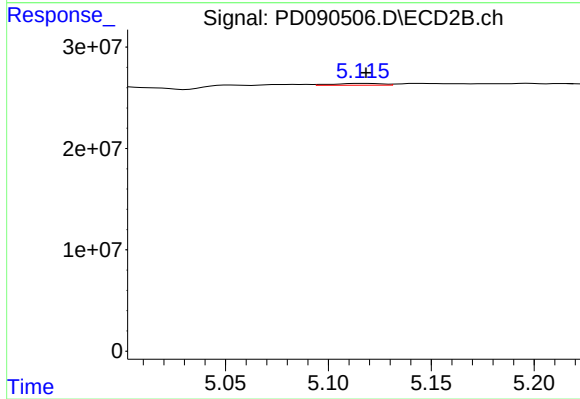
#9 Endosulfan I

R.T.: 5.214 min
Delta R.T.: -0.025 min
Response: 2026683
Conc: 0.06 ng/ml



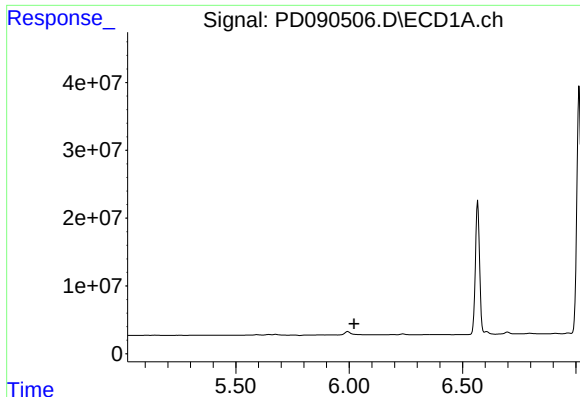
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.942 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

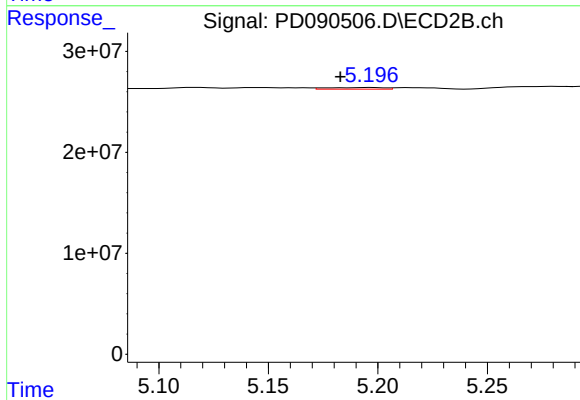
R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 3101122
Conc: 0.08 ng/ml



#11 alpha-Chlordane

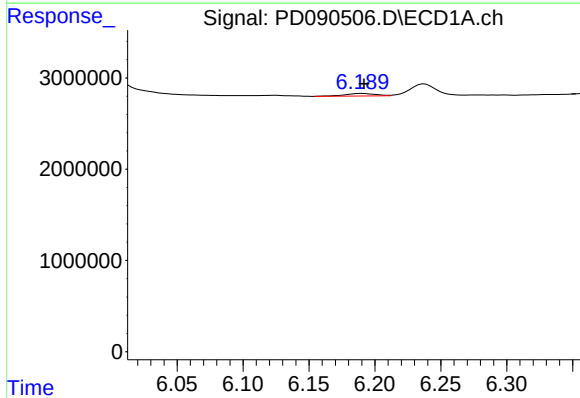
R.T.: 5.993 min
Delta R.T.: -0.029 min
Response: -1167028
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



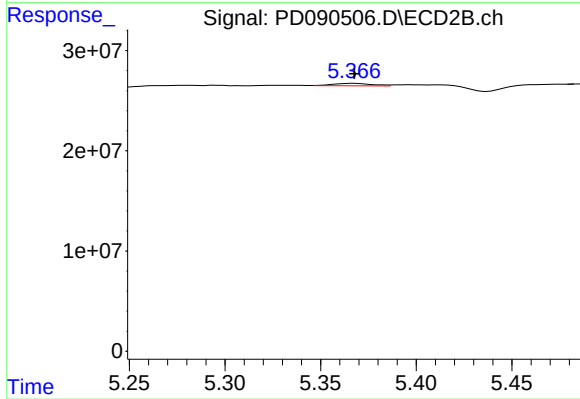
#11 alpha-Chlordane

R.T.: 5.197 min
Delta R.T.: 0.014 min
Response: 3060452
Conc: 0.08 ng/ml



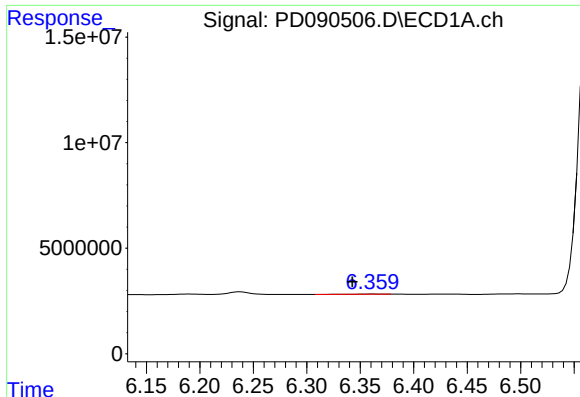
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.002 min
Response: 440314
Conc: 0.08 ng/ml



#12 4,4'-DDE

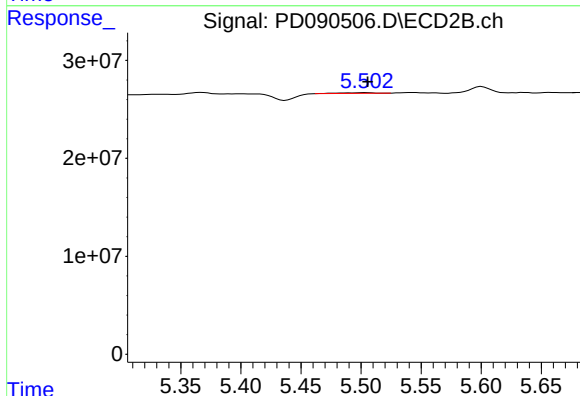
R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 3498896
Conc: 0.09 ng/ml



#13 Dieldrin

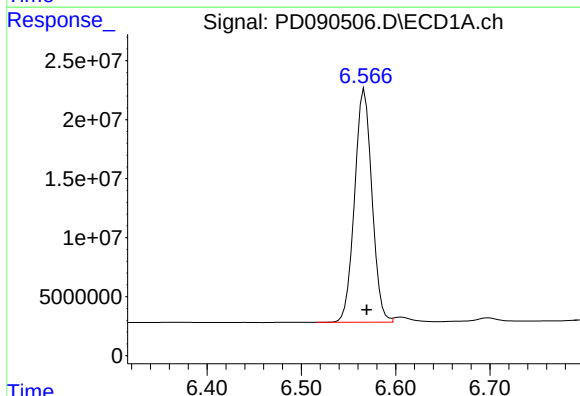
R.T.: 6.362 min
Delta R.T.: 0.019 min
Response: 162875
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



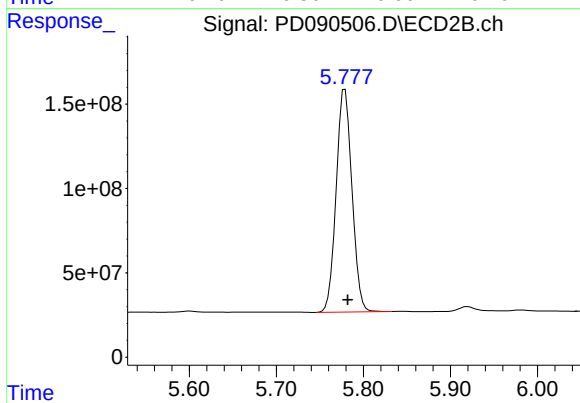
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 1386714
Conc: 0.04 ng/ml



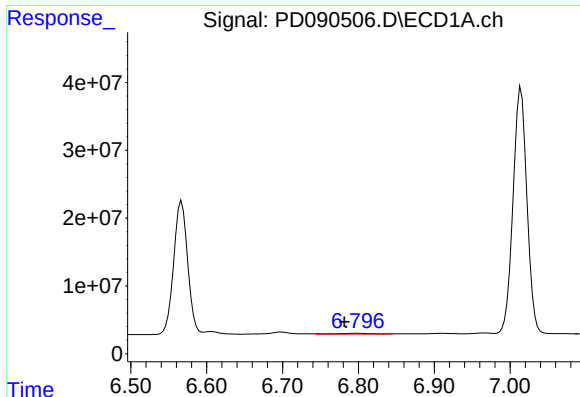
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 252626023
Conc: 51.62 ng/ml



#14 Endrin

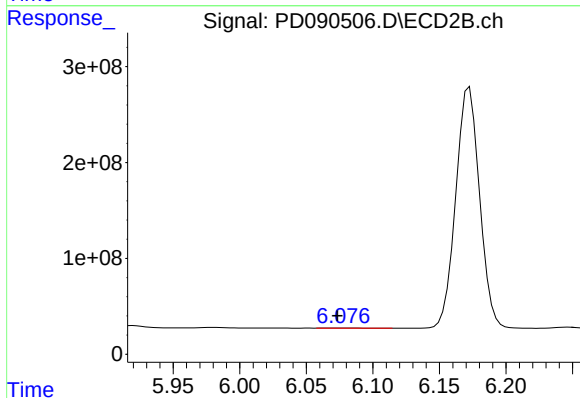
R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 1667797234
Conc: 46.54 ng/ml



#15 Endosulfan II

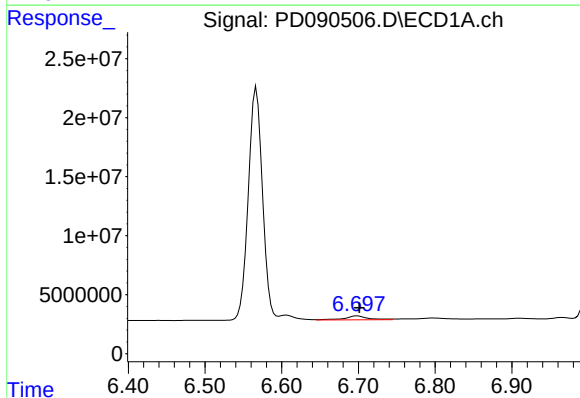
R.T.: 6.797 min
Delta R.T.: 0.016 min
Response: 4715037
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



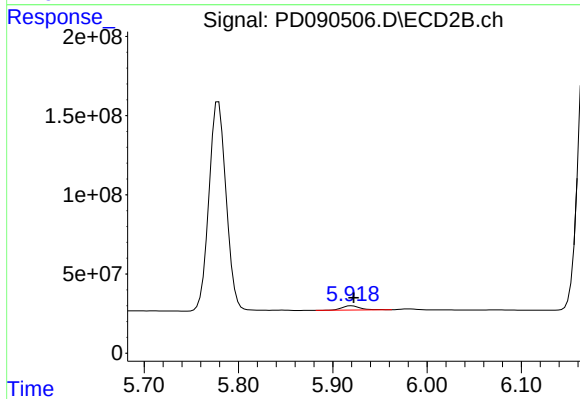
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.003 min
Response: 2744059
Conc: 0.08 ng/ml



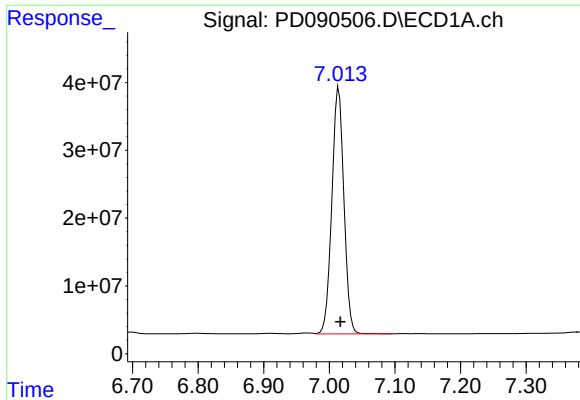
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.003 min
Response: 7147847
Conc: 1.74 ng/ml



#16 4,4'-DDD

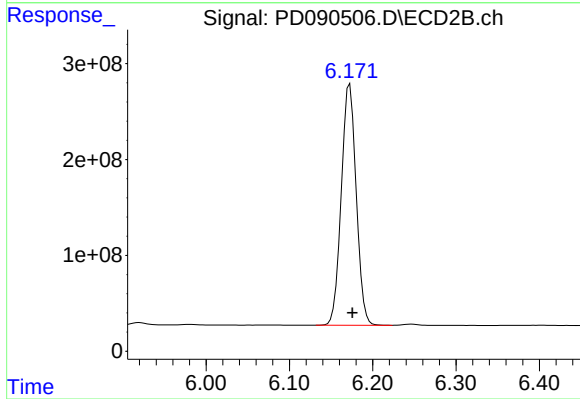
R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 35788476
Conc: 1.10 ng/ml



#17 4,4'-DDT

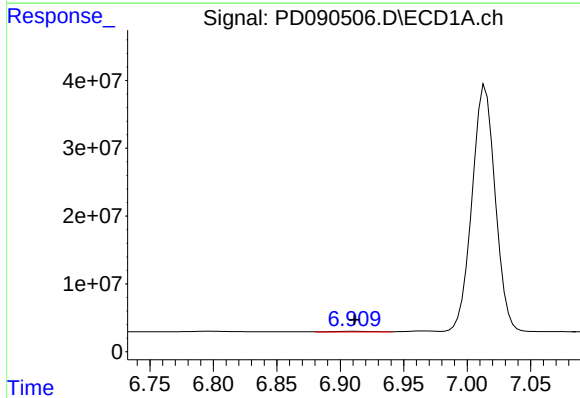
R.T.: 7.014 min
Delta R.T.: -0.002 min
Response: 464064336
Conc: 104.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



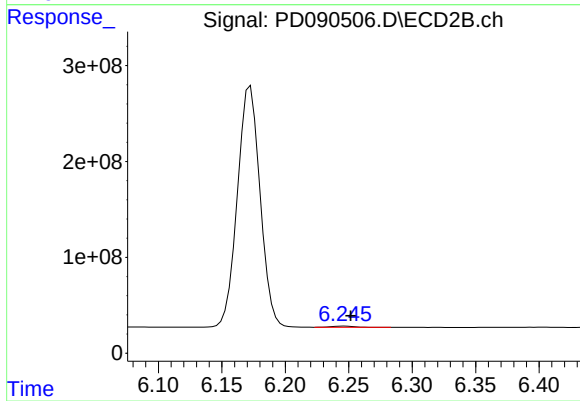
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.003 min
Response: 3130010948
Conc: 91.04 ng/ml



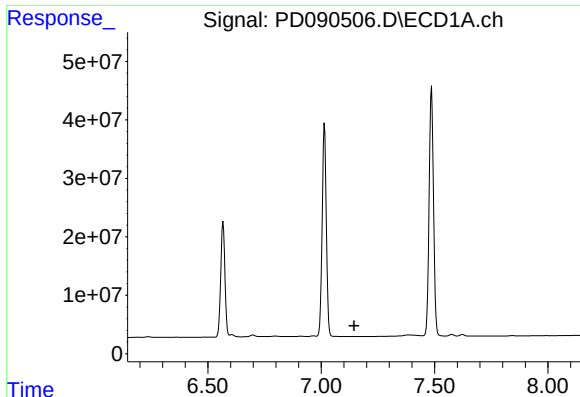
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 2131678
Conc: 0.62 ng/ml



#18 Endrin aldehyde

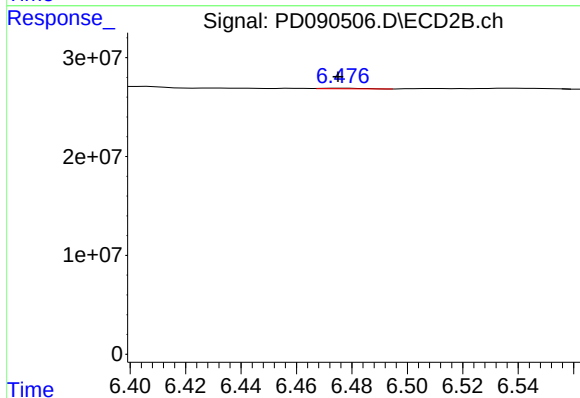
R.T.: 6.246 min
Delta R.T.: -0.005 min
Response: 16530449
Conc: 0.70 ng/ml



#19 Endosulfan Sulfate

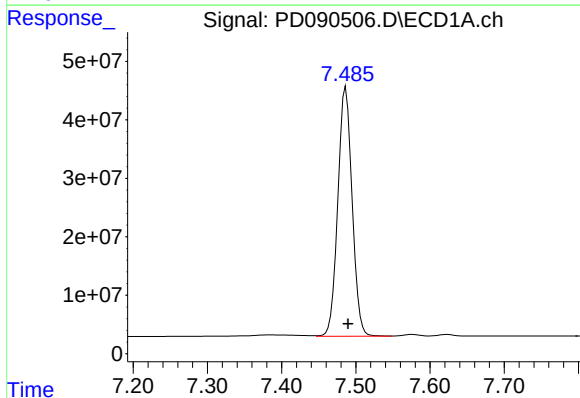
R.T.: 0.000 min
Exp R.T.: 7.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



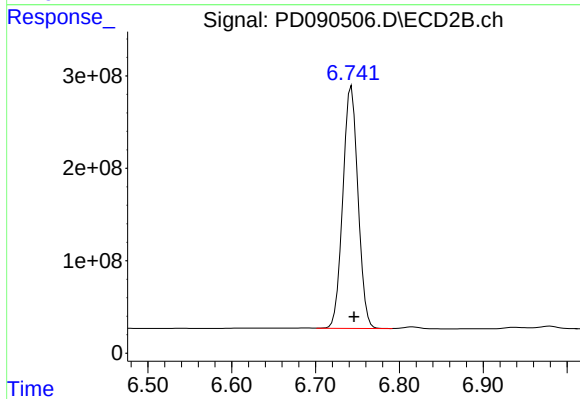
#19 Endosulfan Sulfate

R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 660481
Conc: 0.02 ng/ml



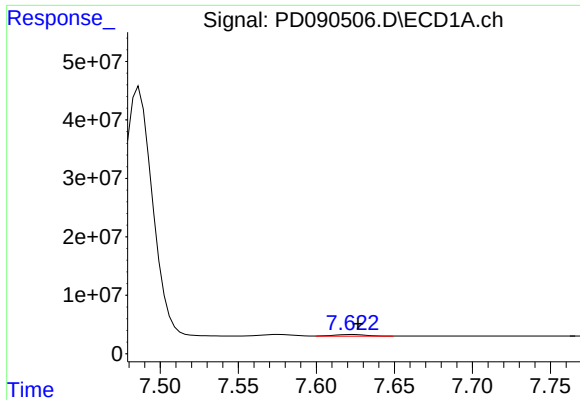
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.003 min
Response: 571816532
Conc: 242.65 ng/ml



#20 Methoxychlor

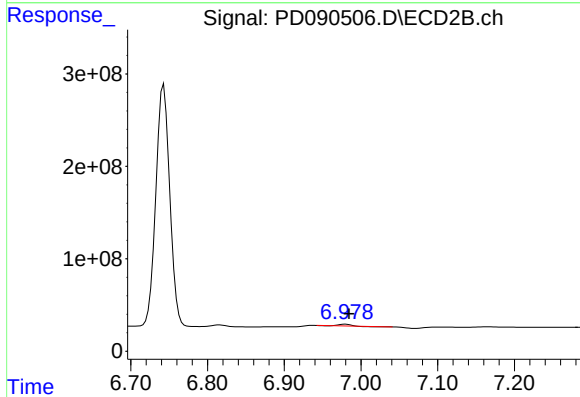
R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 3301894174
Conc: 189.76 ng/ml



#21 Endrin ketone

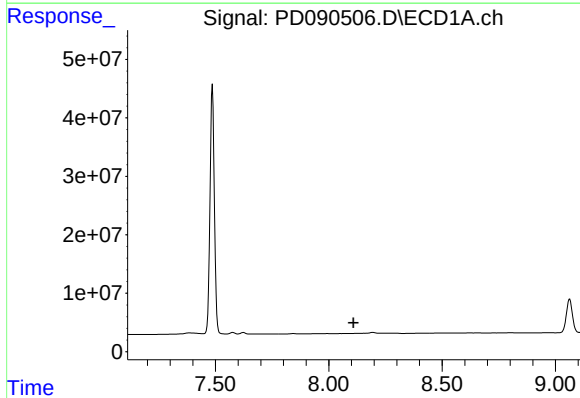
R.T.: 7.623 min
Delta R.T.: -0.004 min
Response: 3986182
Conc: 0.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



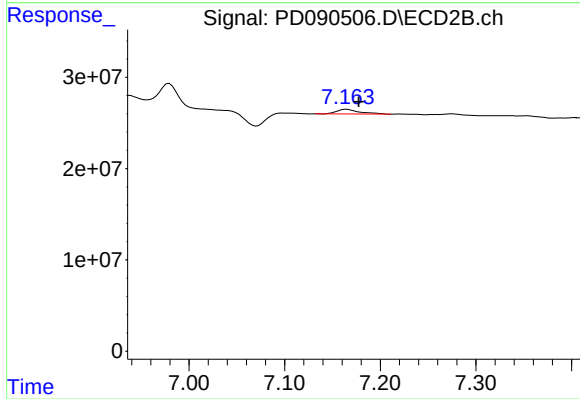
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: -0.005 min
Response: 13262078
Conc: 0.37 ng/ml



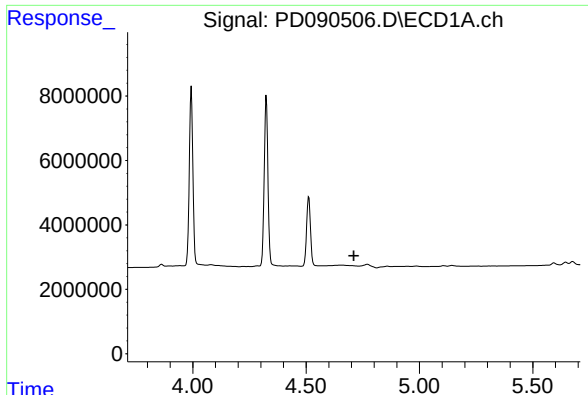
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.109 min
Response: 0
Conc: N.D.



#22 Mirex

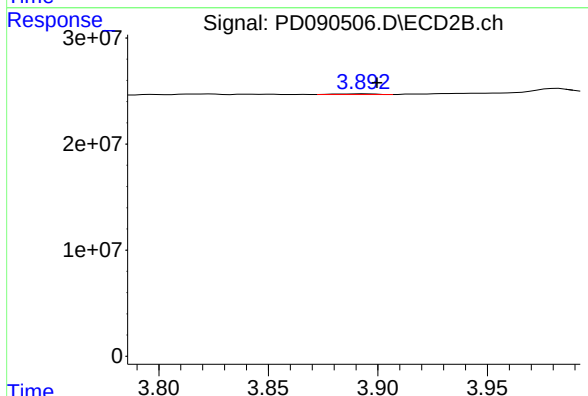
R.T.: 7.165 min
Delta R.T.: -0.013 min
Response: 8503134
Conc: 0.31 ng/ml



#23 Chlordane-1

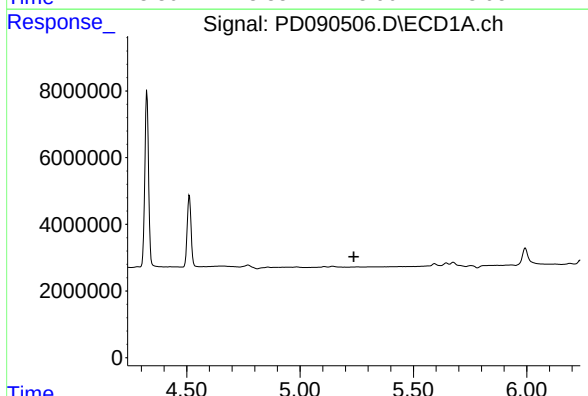
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



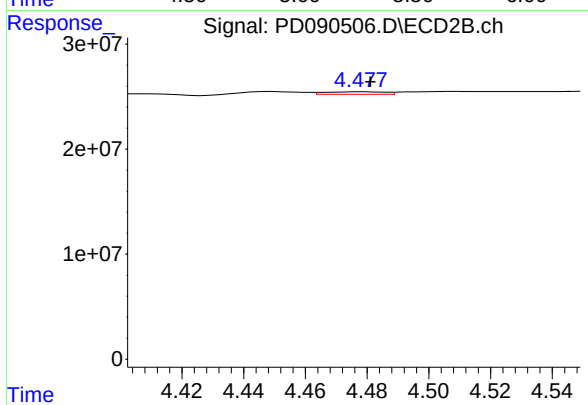
#23 Chlordane-1

R.T.: 3.894 min
Delta R.T.: -0.006 min
Response: 696787
Conc: 0.58 ng/ml



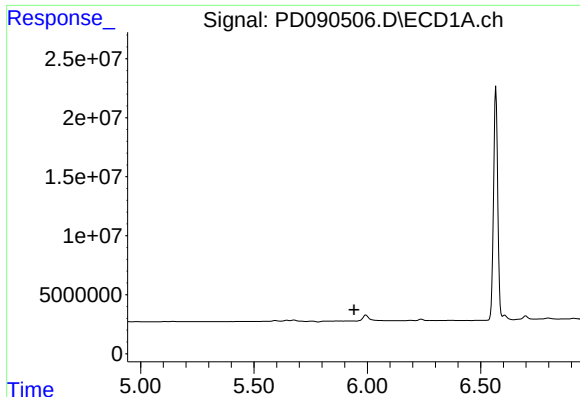
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.237 min
Response: 0
Conc: N.D.



#24 Chlordane-2

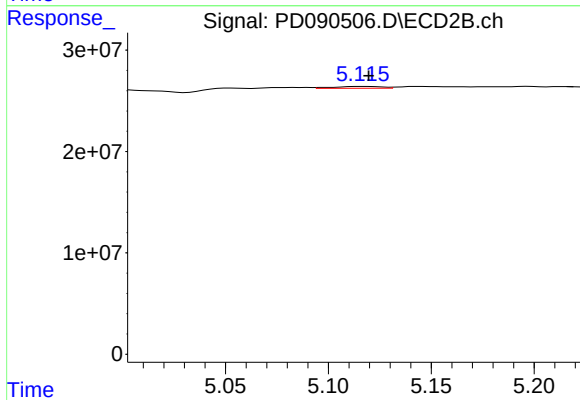
R.T.: 4.478 min
Delta R.T.: -0.003 min
Response: 3176233
Conc: 2.54 ng/ml



#25 Chlordane-3

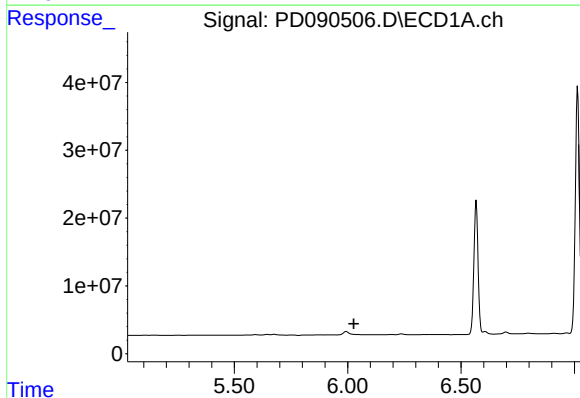
R.T.: 0.000 min
Exp R.T.: 5.942 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



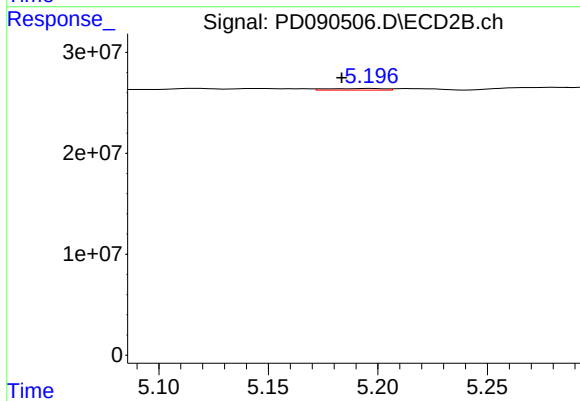
#25 Chlordane-3

R.T.: 5.117 min
Delta R.T.: -0.003 min
Response: 3101122
Conc: 0.82 ng/ml



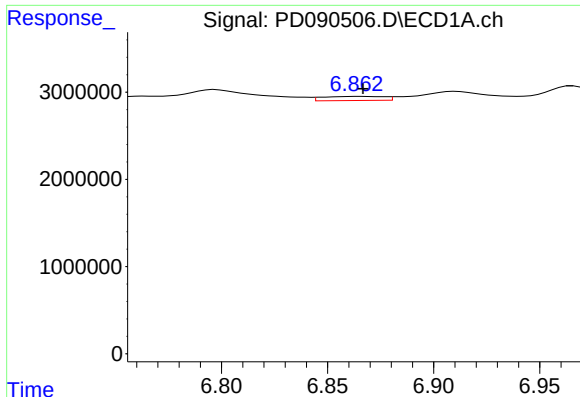
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 6.027 min
Response: 0
Conc: N.D.



#26 Chlordane-4

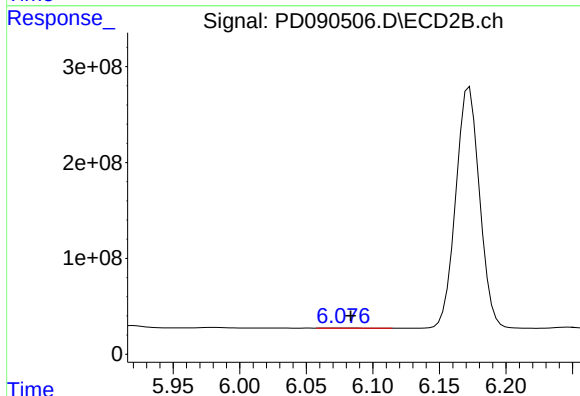
R.T.: 5.197 min
Delta R.T.: 0.014 min
Response: 3060452
Conc: 0.94 ng/ml



#27 Chlordane-5

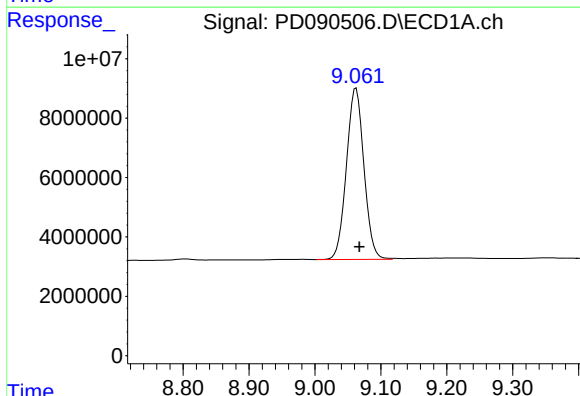
R.T.: 6.864 min
Delta R.T.: -0.002 min
Response: 934196
Conc: 5.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



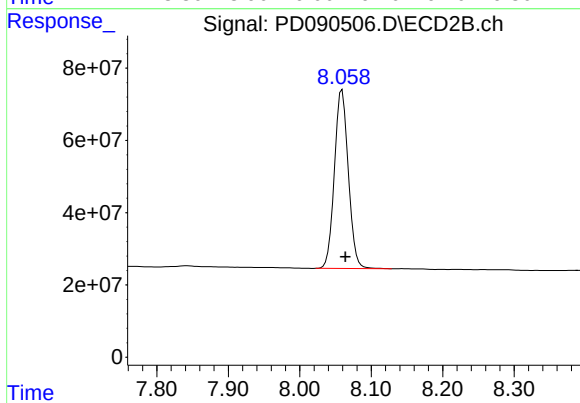
#27 Chlordane-5

R.T.: 6.076 min
Delta R.T.: -0.007 min
Response: 2744059
Conc: 1.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.005 min
Response: 106447724
Conc: 22.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 667827269
Conc: 20.60 ng/ml