

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101525\
 Data File : PD090595.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2025 09:33
 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 16 08:08:53 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	2.874	52766967	476.7E6	16.234	17.365
28)	SA Decachlor...	9.065	8.061	75554782	499.8E6	15.659	15.418
Target Compounds							
2)	A alpha-BHC	3.994	3.386	49173290	395.6E6	7.040	9.035 #
3)	MA gamma-BHC...	4.325	3.722	48438090	364.8E6	7.320	8.955
4)	MA Heptachlor	0.000	4.071	0	1775005	N.D.	0.044 #
5)	MB Aldrin	0.000	4.359	0	2838928	N.D.	0.071 #
6)	B beta-BHC	4.512	4.018	20917403	156.6E6	8.108	9.031
7)	B delta-BHC	4.771	4.258	876970	2008468	0.136	0.049 #
9)	A Endosulfan I	0.000	5.216f	0	8396871	N.D.	0.243 #
10)	B gamma-Chl...	5.910f	5.117	2219320	31784519	0.389	0.809 #
11)	B alpha-Chl...	5.998f	5.175	4751732	12958334	0.825	0.344 #
12)	B 4,4'-DDE	6.191	5.366	1257089	21775113	0.241	0.569 #
13)	MA Dieldrin	6.363f	5.507	2588609	1952896	0.449	0.050 #
14)	MA Endrin	6.569	5.780	181.1E6	1492.3E6	36.998	41.648
15)	B Endosulfa...	6.805f	6.077	10919937	19976578	2.239	0.592 #
16)	A 4,4'-DDD	6.700	5.921	14075810	77511593	3.435	2.390 #
17)	MA 4,4'-DDT	7.016	6.173	276.6E6	2336.3E6	62.128	67.956
18)	B Endrin al...	6.915	6.248	4018331	16466233	1.171	0.699 #
19)	B Endosulfa...	0.000	6.470	0	500767	N.D.	0.015 #
20)	A Methoxychlor	7.489	6.744	327.9E6	2401.9E6	139.161	138.039
21)	B Endrin ke...	7.626	6.982	3719838	29227687	0.752	0.810
22)	Mirex	0.000	7.172	0	10476012	N.D.	0.379 #
23)	Chlordane-1	0.000	3.890	0	991198	N.D.	0.824 #
24)	Chlordane-2	0.000	4.484	0	26654620	N.D.	21.316 #
25)	Chlordane-3	0.000	5.117	0	31784519	N.D.	8.385 #
26)	Chlordane-4	5.998f	5.175	4751732	12958334	4.656	3.980
27)	Chlordane-5	6.863	6.077	2231489	19976578	12.534	13.163

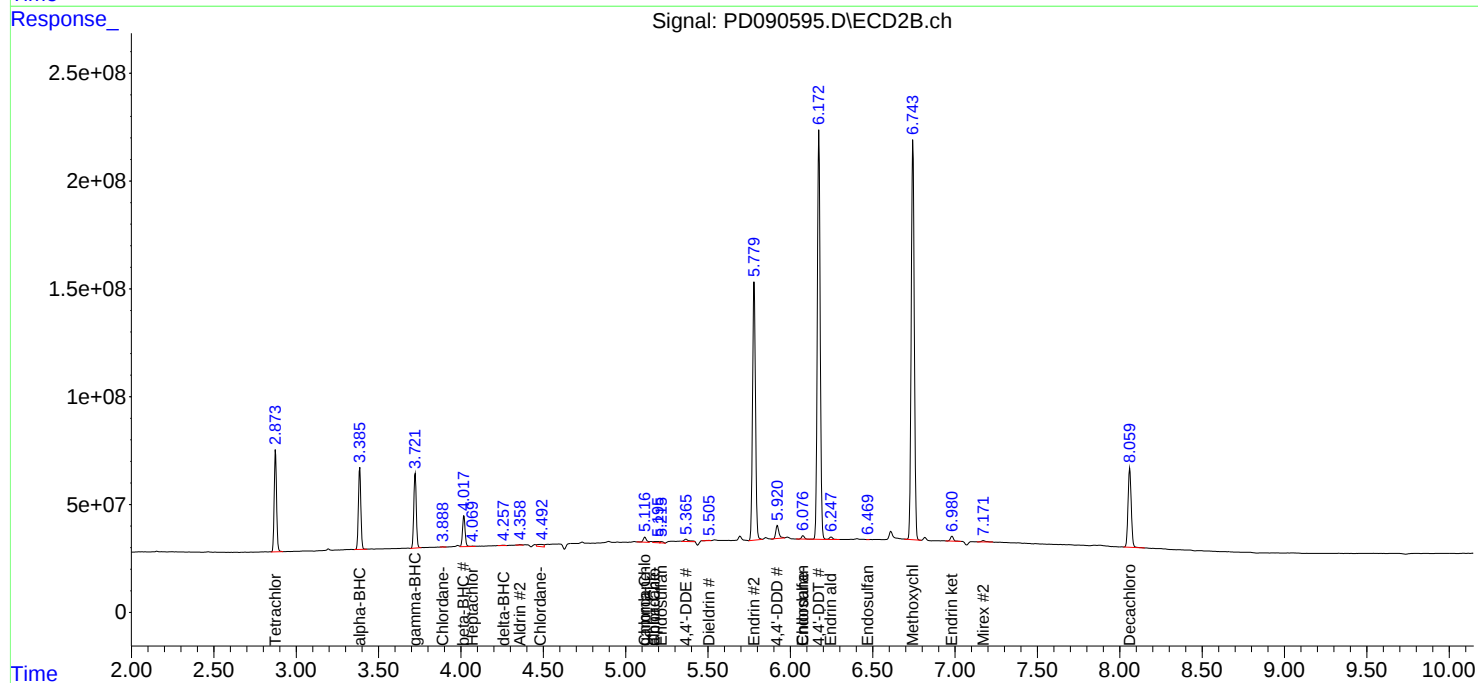
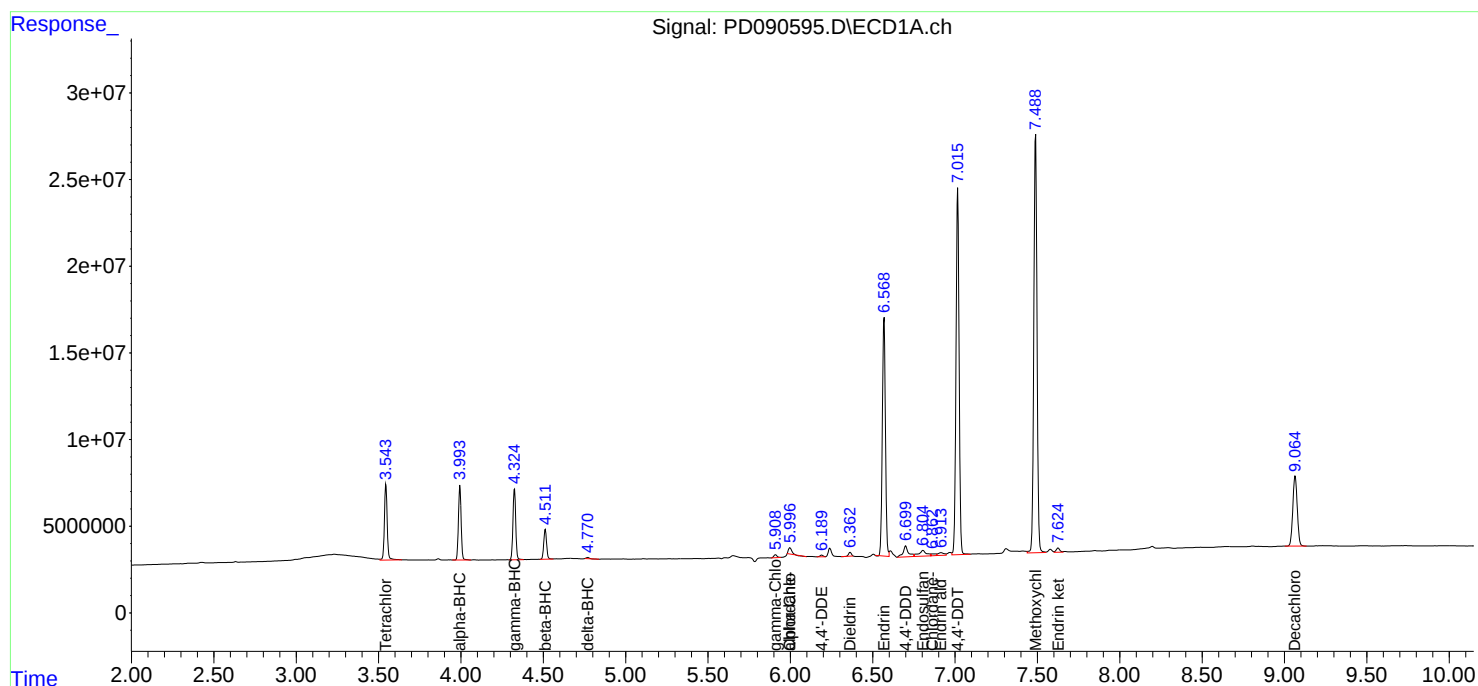
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

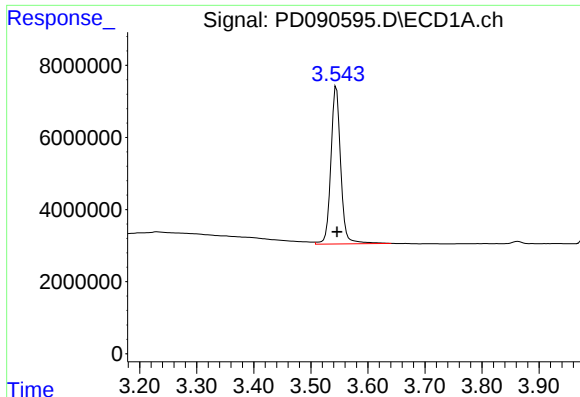
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101525\
Data File : PD090595.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2025 09:33
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 08:08:53 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

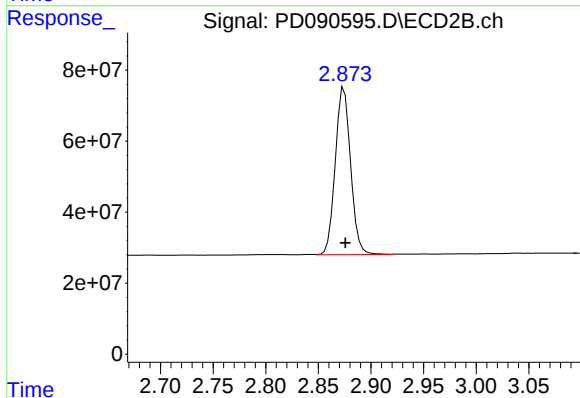




#1 Tetrachloro-m-xylene

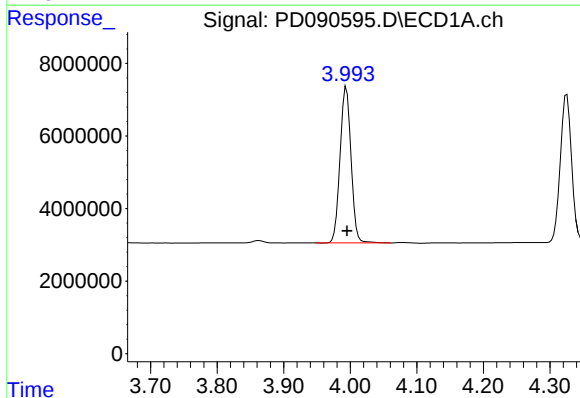
R.T.: 3.545 min
Delta R.T.: -0.001 min
Response: 52766967
Conc: 16.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



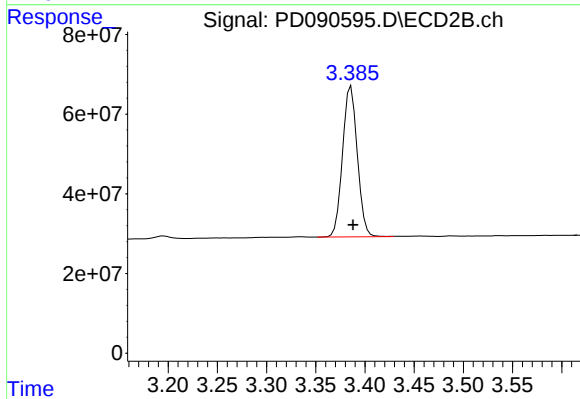
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.001 min
Response: 476659006
Conc: 17.36 ng/ml



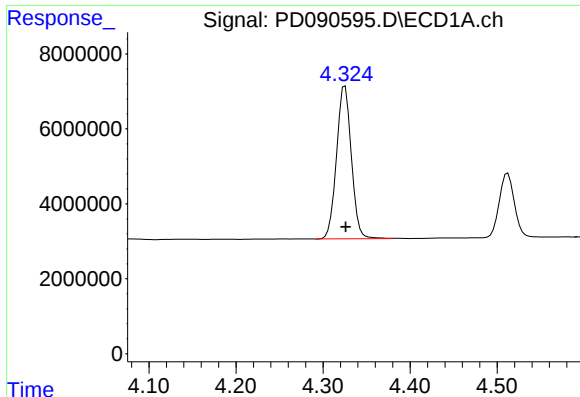
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.001 min
Response: 49173290
Conc: 7.04 ng/ml



#2 alpha-BHC

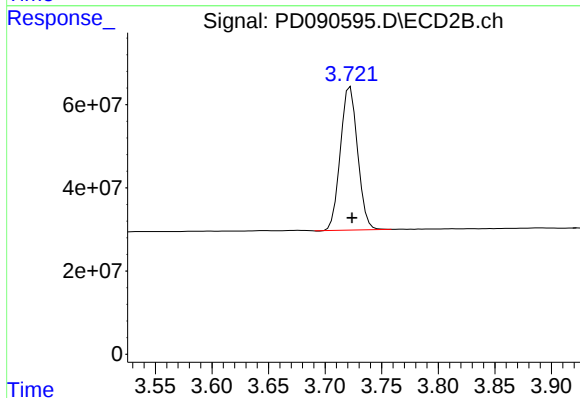
R.T.: 3.386 min
Delta R.T.: -0.002 min
Response: 395558129
Conc: 9.03 ng/ml



#3 gamma-BHC (Lindane)

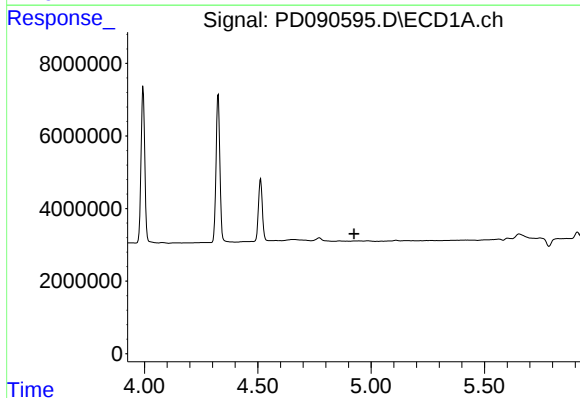
R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 48438090
Conc: 7.32 ng/ml

Instrument :
ECD_D
ClientSampleId :



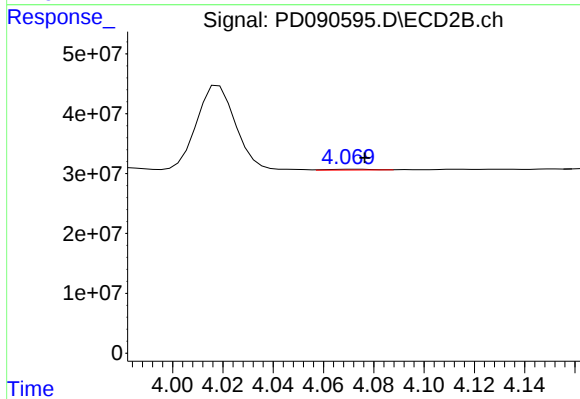
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.002 min
Response: 364800004
Conc: 8.96 ng/ml



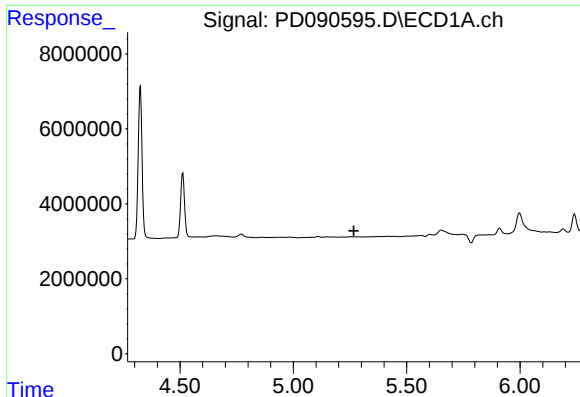
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.925 min
Response: 0
Conc: N.D.



#4 Heptachlor

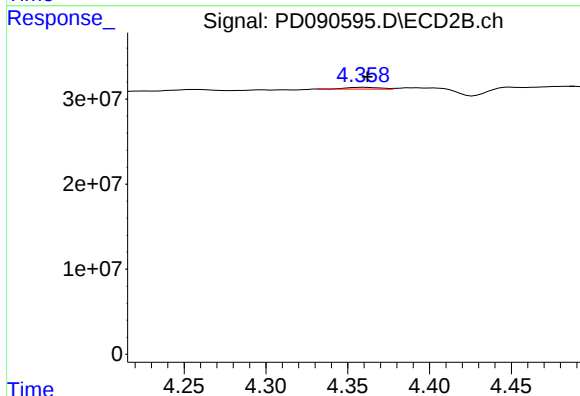
R.T.: 4.071 min
Delta R.T.: -0.005 min
Response: 1775005
Conc: 0.04 ng/ml



#5 Aldrin

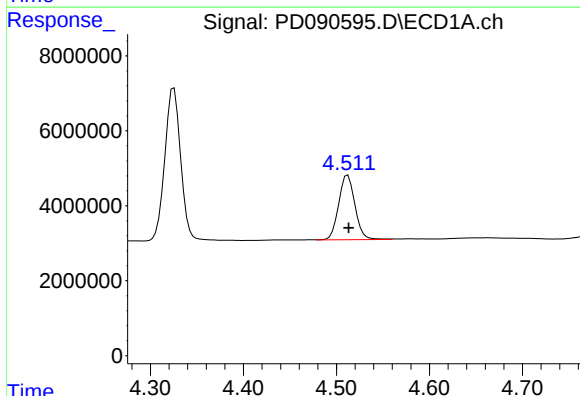
R.T.: 0.000 min
Exp R.T.: 5.266 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



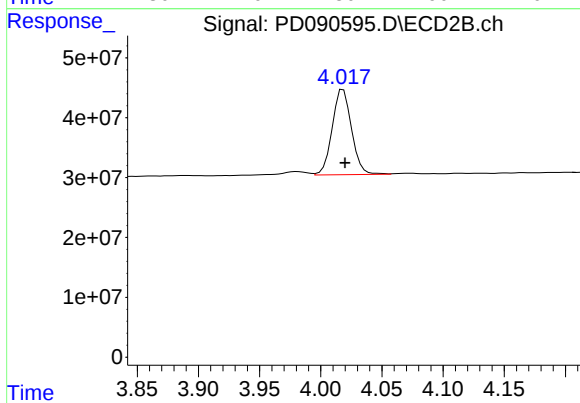
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.003 min
Response: 2838928
Conc: 0.07 ng/ml



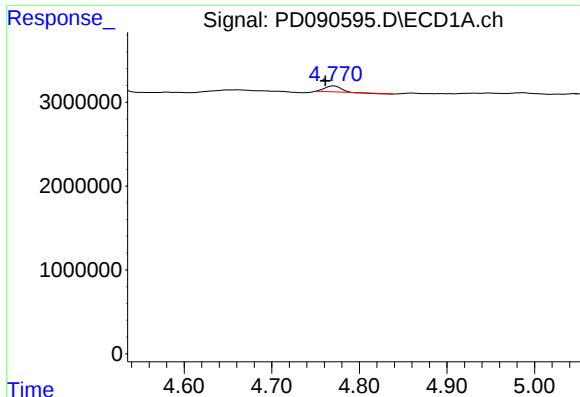
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: -0.001 min
Response: 20917403
Conc: 8.11 ng/ml



#6 beta-BHC

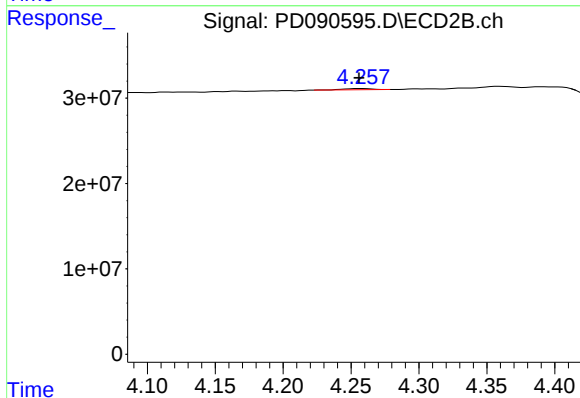
R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 156562820
Conc: 9.03 ng/ml



#7 delta-BHC

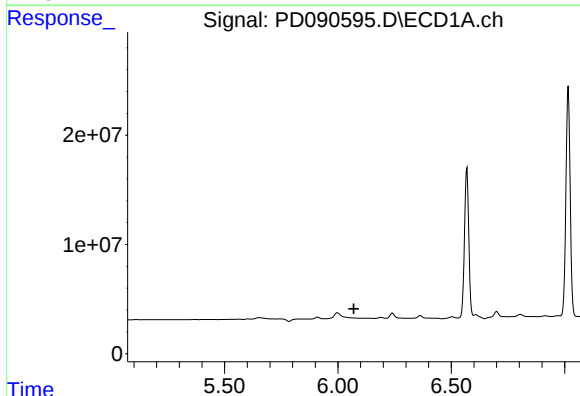
R.T.: 4.771 min
Delta R.T.: 0.010 min
Response: 876970
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



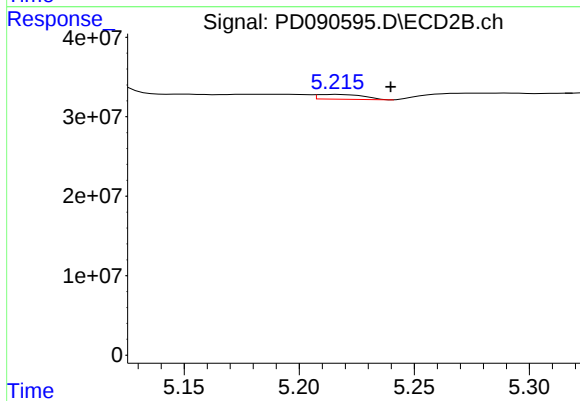
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.002 min
Response: 2008468
Conc: 0.05 ng/ml



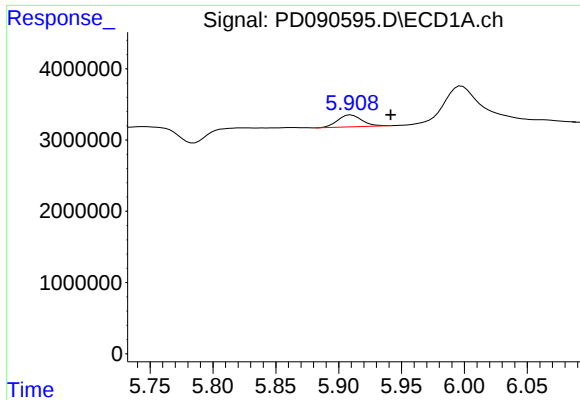
#9 Endosulfan I

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



#9 Endosulfan I

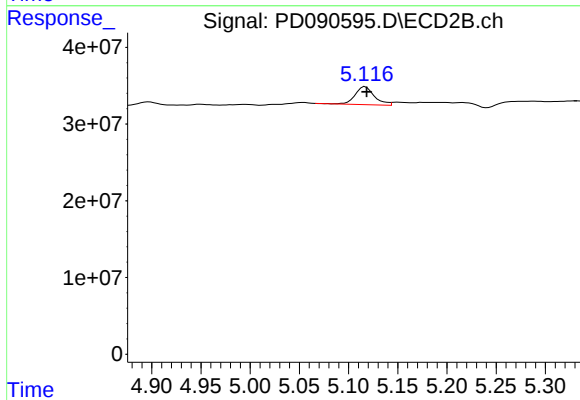
R.T.: 5.216 min
Delta R.T.: -0.024 min
Response: 8396871
Conc: 0.24 ng/ml



#10 gamma-Chlordane

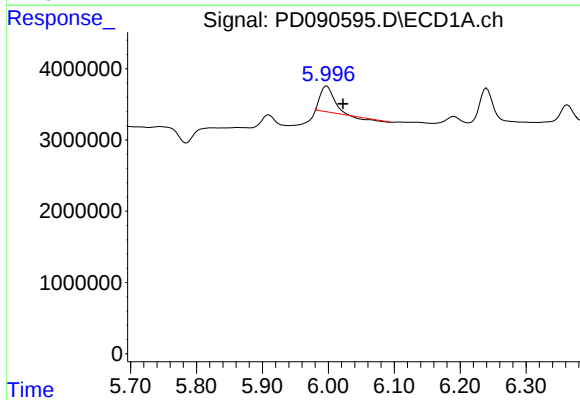
R.T.: 5.910 min
Delta R.T.: -0.032 min
Response: 2219320
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



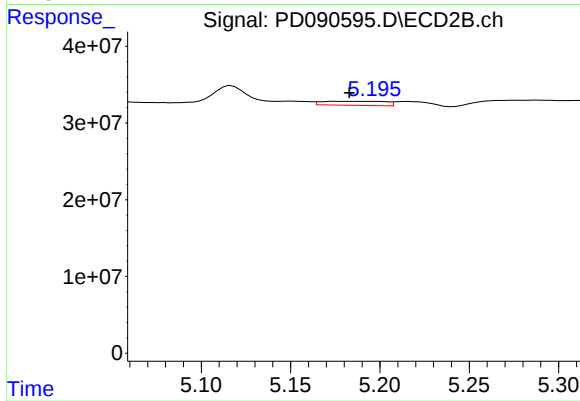
#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 31784519
Conc: 0.81 ng/ml



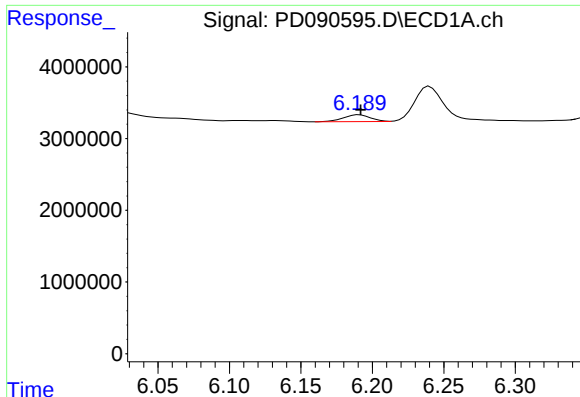
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: -0.025 min
Response: 4751732
Conc: 0.82 ng/ml



#11 alpha-Chlordane

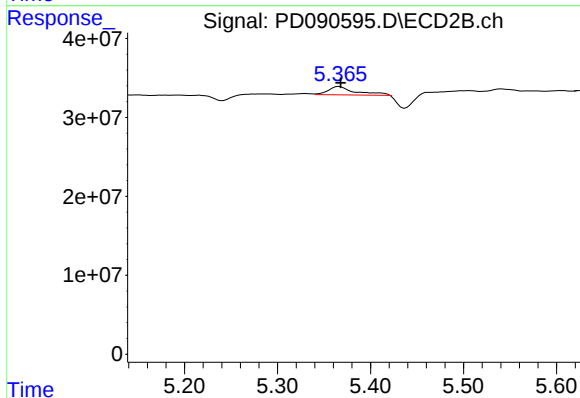
R.T.: 5.175 min
Delta R.T.: -0.008 min
Response: 12958334
Conc: 0.34 ng/ml



#12 4,4'-DDE

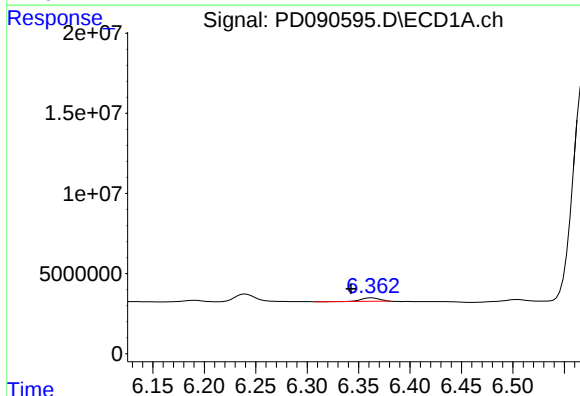
R.T.: 6.191 min
Delta R.T.: -0.001 min
Response: 1257089
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



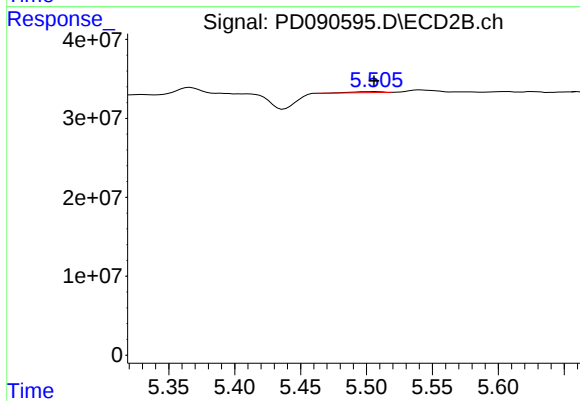
#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.001 min
Response: 21775113
Conc: 0.57 ng/ml



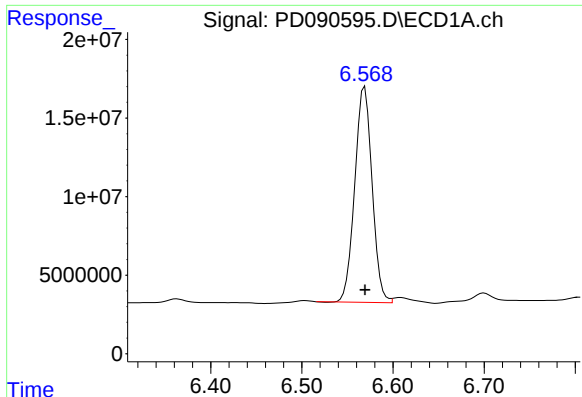
#13 Dieldrin

R.T.: 6.363 min
Delta R.T.: 0.020 min
Response: 2588609
Conc: 0.45 ng/ml



#13 Dieldrin

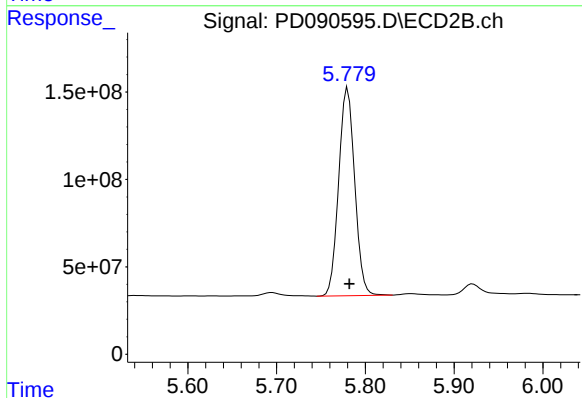
R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 1952896
Conc: 0.05 ng/ml



#14 Endrin

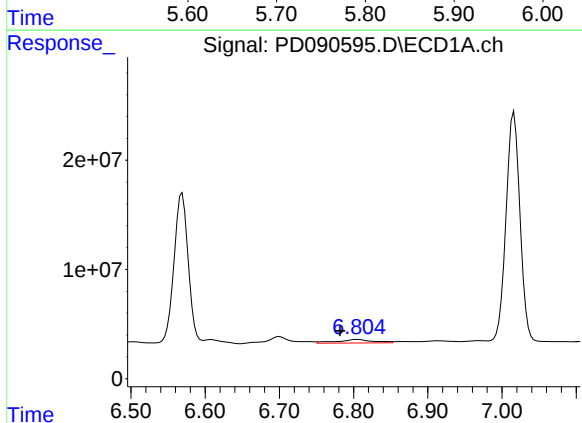
R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 181066701
Conc: 37.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



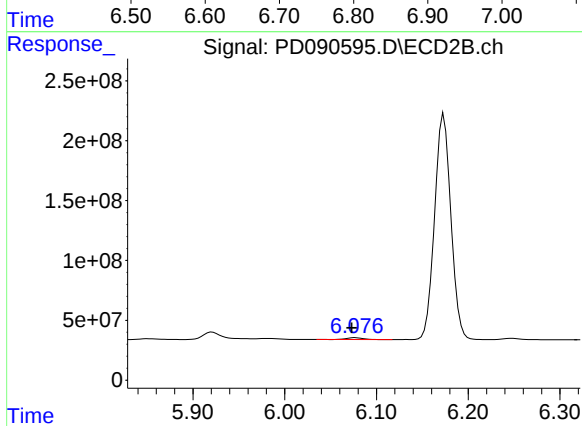
#14 Endrin

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 1492345975
Conc: 41.65 ng/ml



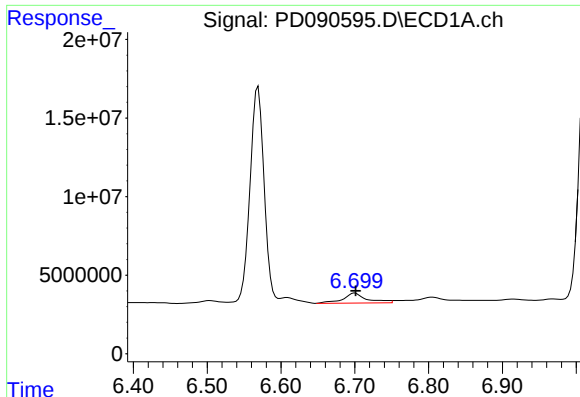
#15 Endosulfan II

R.T.: 6.805 min
Delta R.T.: 0.024 min
Response: 10919937
Conc: 2.24 ng/ml



#15 Endosulfan II

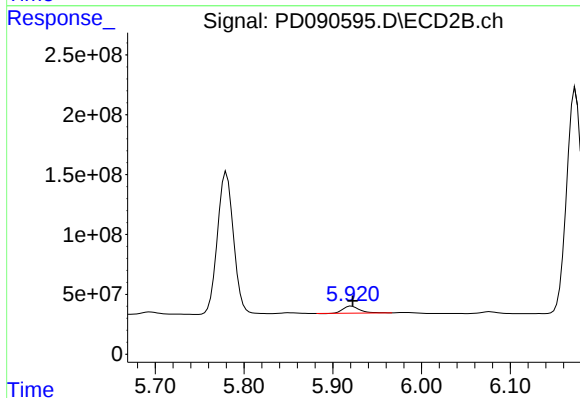
R.T.: 6.077 min
Delta R.T.: 0.004 min
Response: 19976578
Conc: 0.59 ng/ml



#16 4,4'-DDD

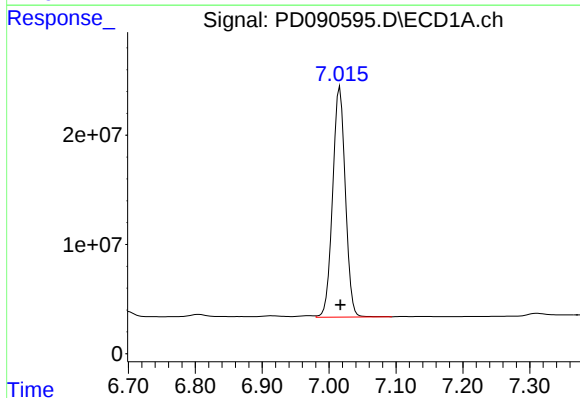
R.T.: 6.700 min
Delta R.T.: -0.001 min
Response: 14075810
Conc: 3.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



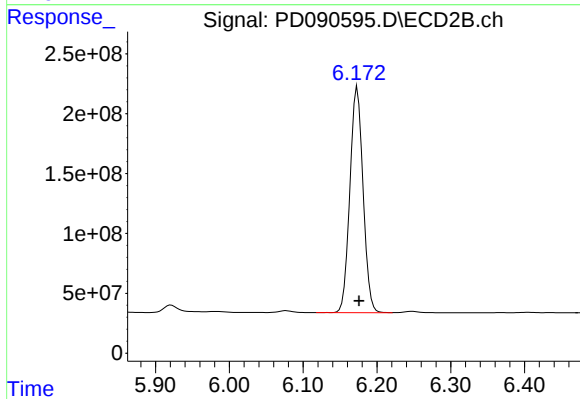
#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.001 min
Response: 77511593
Conc: 2.39 ng/ml



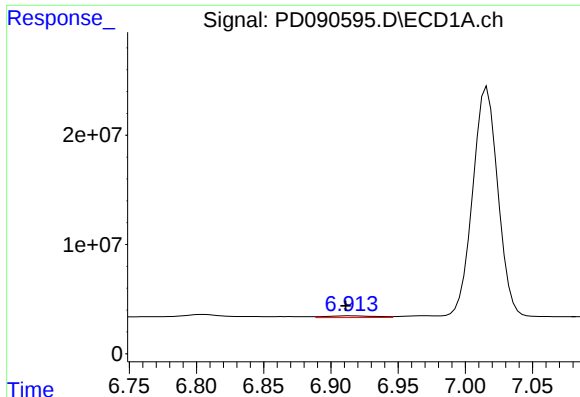
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 276624738
Conc: 62.13 ng/ml



#17 4,4'-DDT

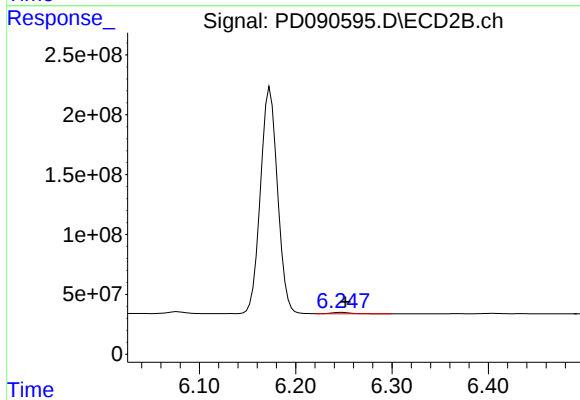
R.T.: 6.173 min
Delta R.T.: -0.002 min
Response: 2336274726
Conc: 67.96 ng/ml



#18 Endrin aldehyde

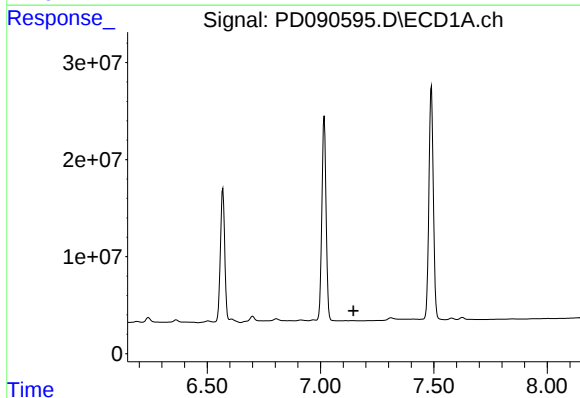
R.T.: 6.915 min
Delta R.T.: 0.004 min
Response: 4018331
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



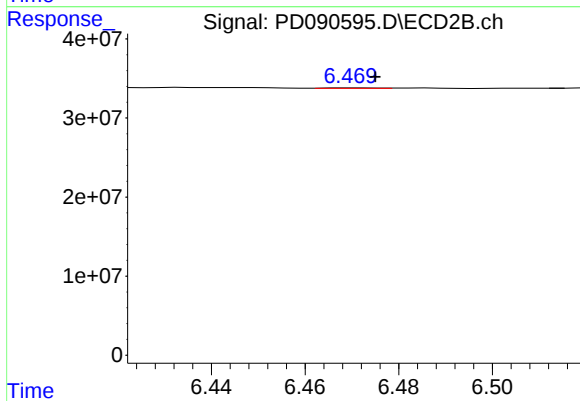
#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.004 min
Response: 16466233
Conc: 0.70 ng/ml



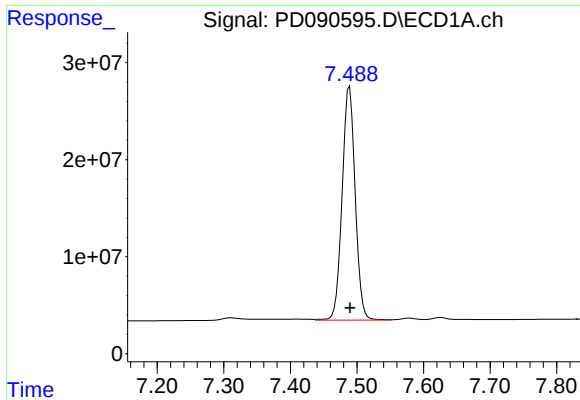
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

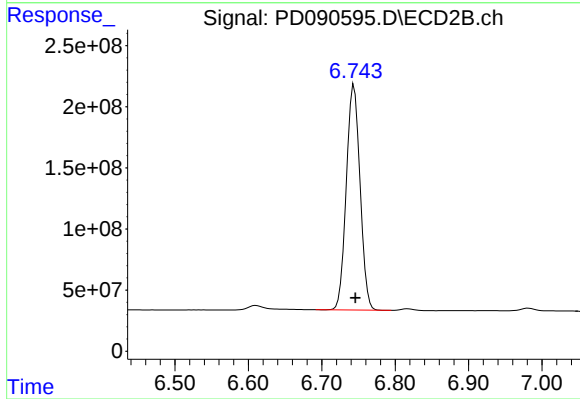
R.T.: 6.470 min
Delta R.T.: -0.005 min
Response: 500767
Conc: 0.02 ng/ml



#20 Methoxychlor

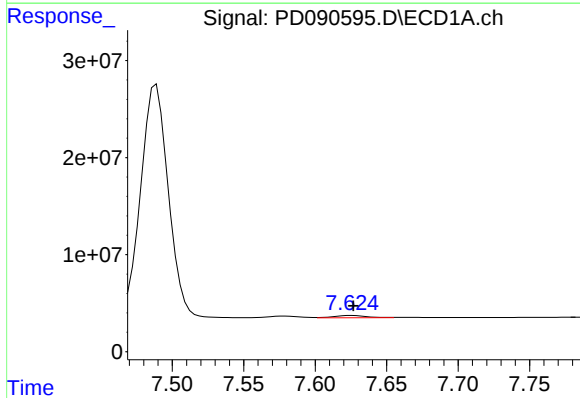
R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 327934704
Conc: 139.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



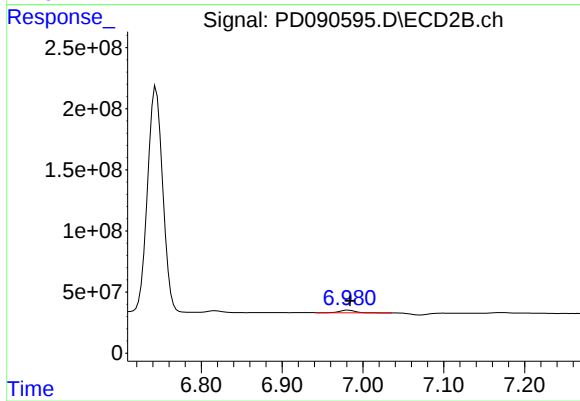
#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 2401933977
Conc: 138.04 ng/ml



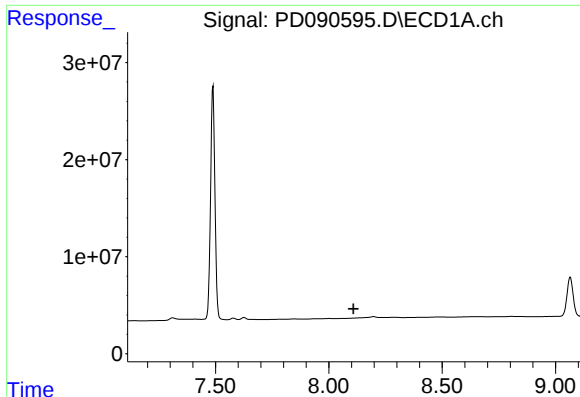
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: -0.001 min
Response: 3719838
Conc: 0.75 ng/ml



#21 Endrin ketone

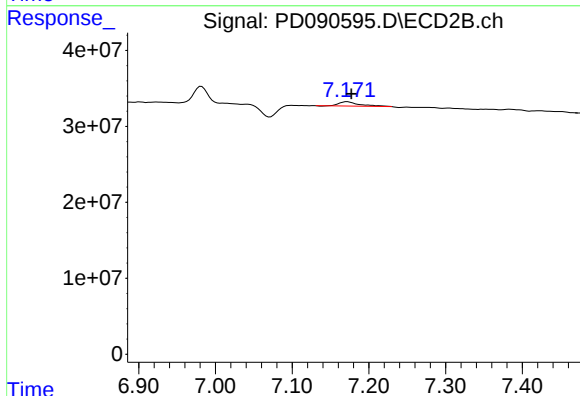
R.T.: 6.982 min
Delta R.T.: -0.003 min
Response: 29227687
Conc: 0.81 ng/ml



#22 Mirex

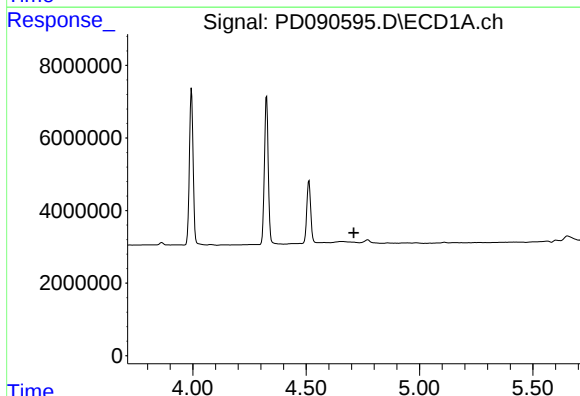
R.T.: 0.000 min
Exp R.T.: 8.109 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



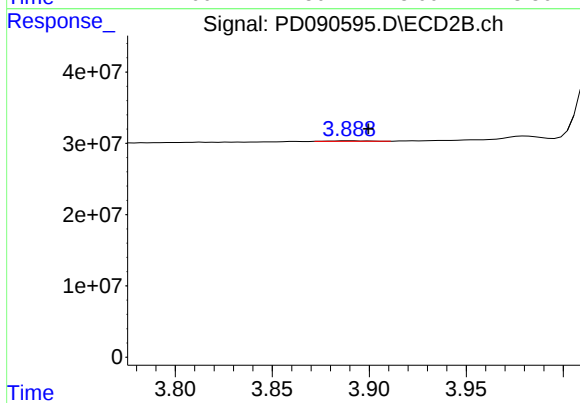
#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.005 min
Response: 10476012
Conc: 0.38 ng/ml



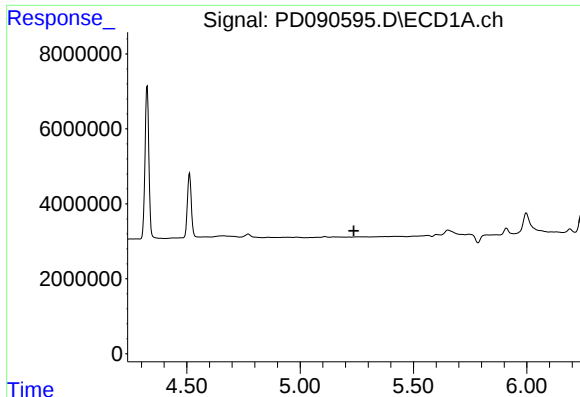
#23 Chlordane-1

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



#23 Chlordane-1

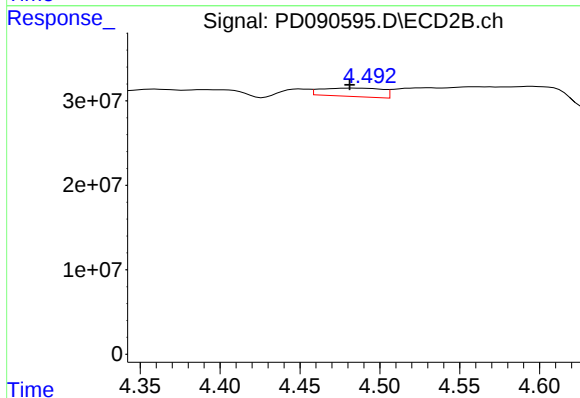
R.T.: 3.890 min
Delta R.T.: -0.010 min
Response: 991198
Conc: 0.82 ng/ml



#24 Chlordane-2

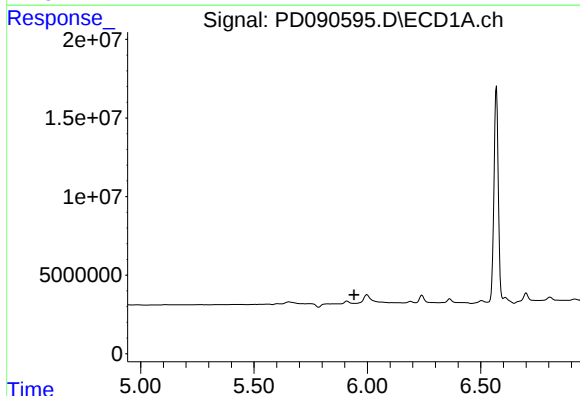
R.T.: 0.000 min
Exp R.T.: 5.237 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



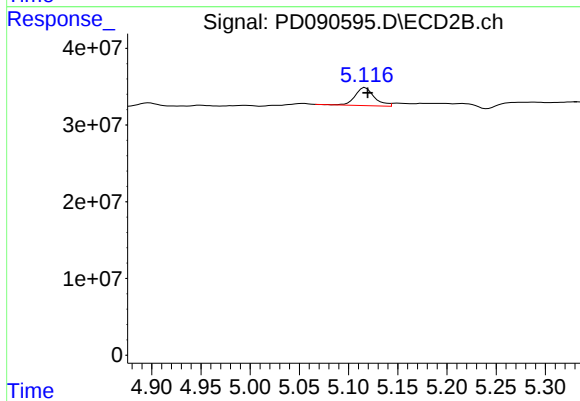
#24 Chlordane-2

R.T.: 4.484 min
Delta R.T.: 0.003 min
Response: 26654620
Conc: 21.32 ng/ml



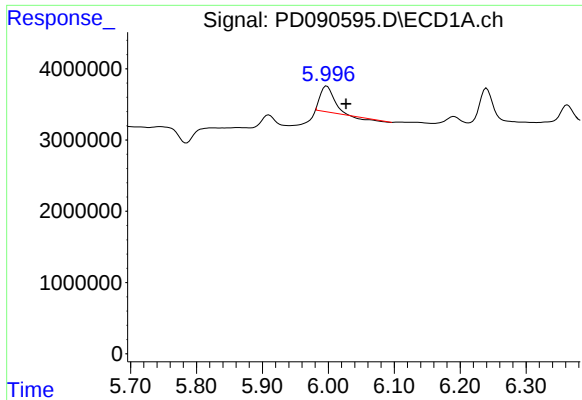
#25 Chlordane-3

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



#25 Chlordane-3

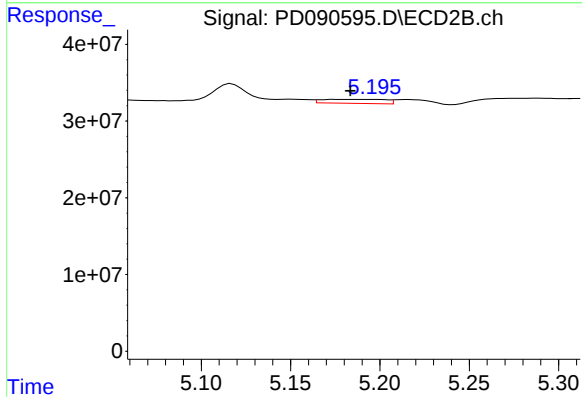
R.T.: 5.117 min
Delta R.T.: -0.003 min
Response: 31784519
Conc: 8.39 ng/ml



#26 Chlordane-4

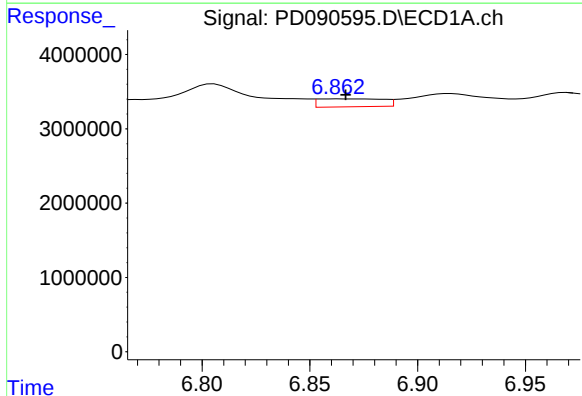
R.T.: 5.998 min
Delta R.T.: -0.029 min
Response: 4751732
Conc: 4.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



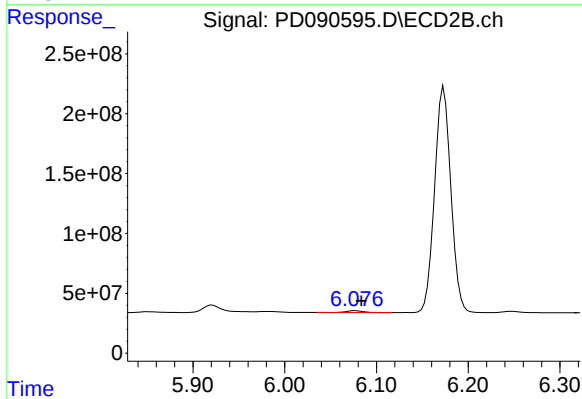
#26 Chlordane-4

R.T.: 5.175 min
Delta R.T.: -0.009 min
Response: 12958334
Conc: 3.98 ng/ml



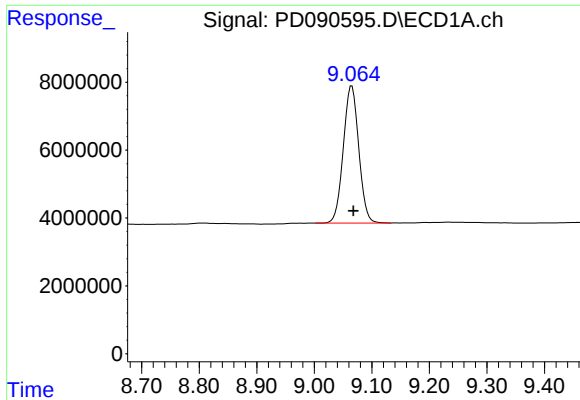
#27 Chlordane-5

R.T.: 6.863 min
Delta R.T.: -0.003 min
Response: 2231489
Conc: 12.53 ng/ml



#27 Chlordane-5

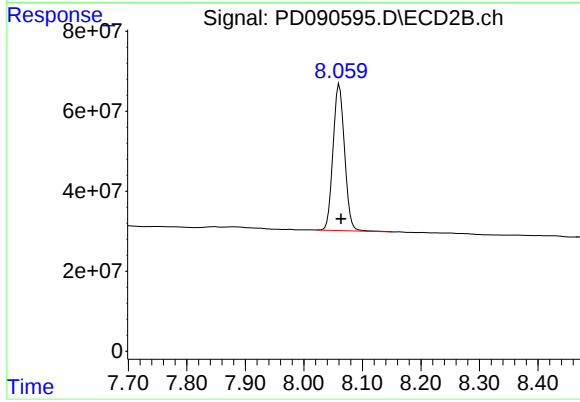
R.T.: 6.077 min
Delta R.T.: -0.006 min
Response: 19976578
Conc: 13.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: -0.003 min
Response: 75554782
Conc: 15.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 499775116
Conc: 15.42 ng/ml