

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100821\
 Data File : PL070217.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Oct 2021 20:53
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 00:12:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092821.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 29 09:19:28 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.626	5.562	9795535	30737093	19.576	23.239
28)	SA Decachlor...	10.389	11.480	14361629	27745629	20.755	22.927
Target Compounds							
2)	A alpha-BHC	5.332	6.143	4723552	20244367	6.381	10.350 #
3)	MA gamma-BHC...	5.755	6.538	6139944	19032461	8.793	10.388
4)	MA Heptachlor	0.000	7.172f	0	93431	N.D.	0.050 #
5)	MB Aldrin	6.516f	7.563	72660	23268	0.101	0.014 #
6)	B beta-BHC	6.137	6.793	4952059	11597336	14.750	13.487
7)	B delta-BHC	0.000	7.080	0	2120119	N.D.	1.095 #
9)	A Endosulfan I	7.483	8.449	60256	57861	0.090	0.039 #
10)	B gamma-Chl...	7.359	8.276f	190006	567471	0.262	0.355 #
11)	B alpha-Chl...	0.000	8.375	0	50308	N.D.	0.032 #
12)	B 4,4'-DDE	7.625	8.563	114802	211560	0.180	0.137
13)	MA Dieldrin	0.000	8.756f	0	621963	N.D.	0.407 #
14)	MA Endrin	8.045	8.960	29796806	72143824	47.152	57.433
15)	B Endosulfa...	8.384f	9.210	45915	1057857	0.072	0.885 #
16)	A 4,4'-DDD	8.210	9.102	605511	1145844	1.080	0.970
17)	MA 4,4'-DDT	8.472	9.420	58828155	141.3E6	96.170	108.112
18)	B Endrin al...	8.552	9.329	122148	194789	0.247	0.202
19)	B Endosulfa...	8.777	9.583	33537	-1440	0.051	N.D. #
20)	A Methoxychlor	9.065	9.906	83161920	174.7E6	222.715	269.924
21)	B Endrin ke...	9.292	10.064	709862	1422418	0.929	1.063
22)	Mirex	0.000	10.568f	0	145864	N.D.	0.148 #
23)	Chlordane-1	0.000	6.970f	0	6611	N.D.	0.144 #
24)	Chlordane-2	6.634f	7.548	30371	29300	1.202	0.544 #
25)	Chlordane-3	7.359	8.276f	190006	567471	2.777	2.679
26)	Chlordane-4	0.000	8.375	0	50308	N.D.	0.198 #
27)	Chlordane-5	8.384f	9.269	45915	-32591	2.309	N.D. #

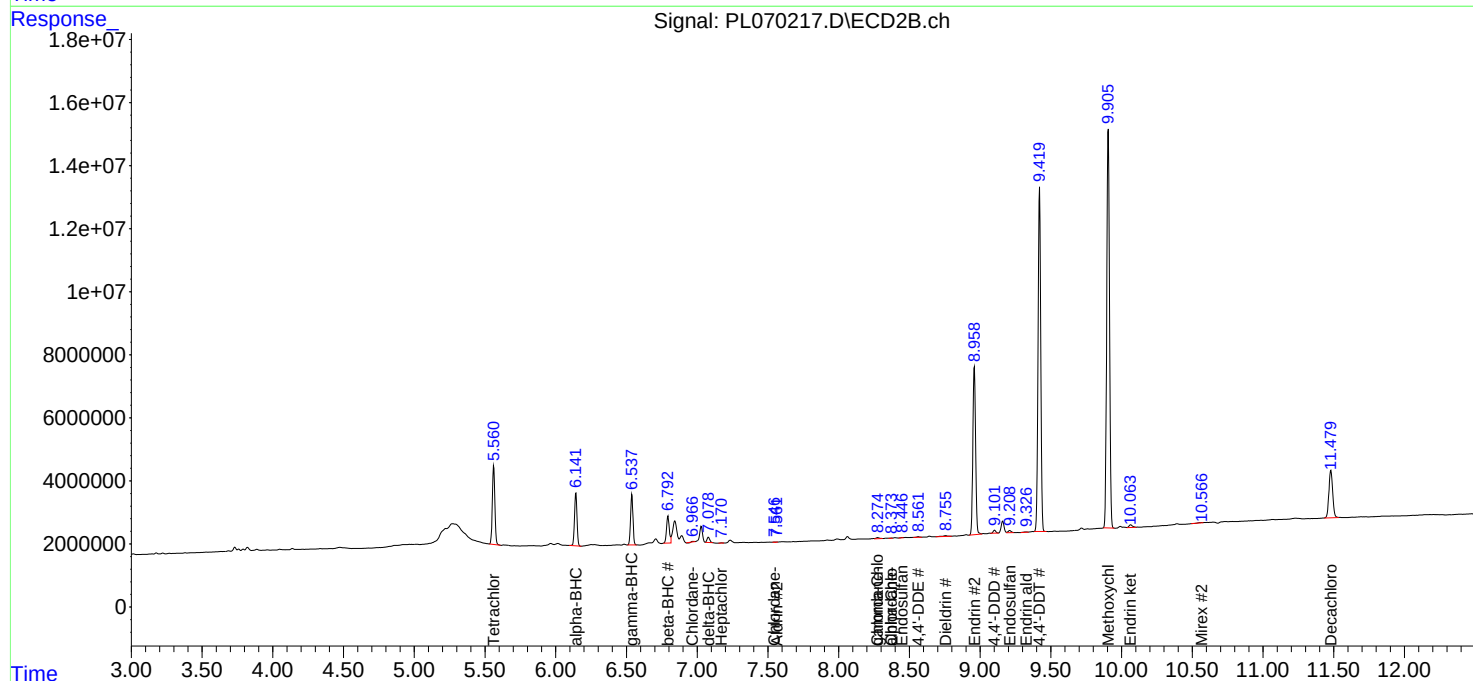
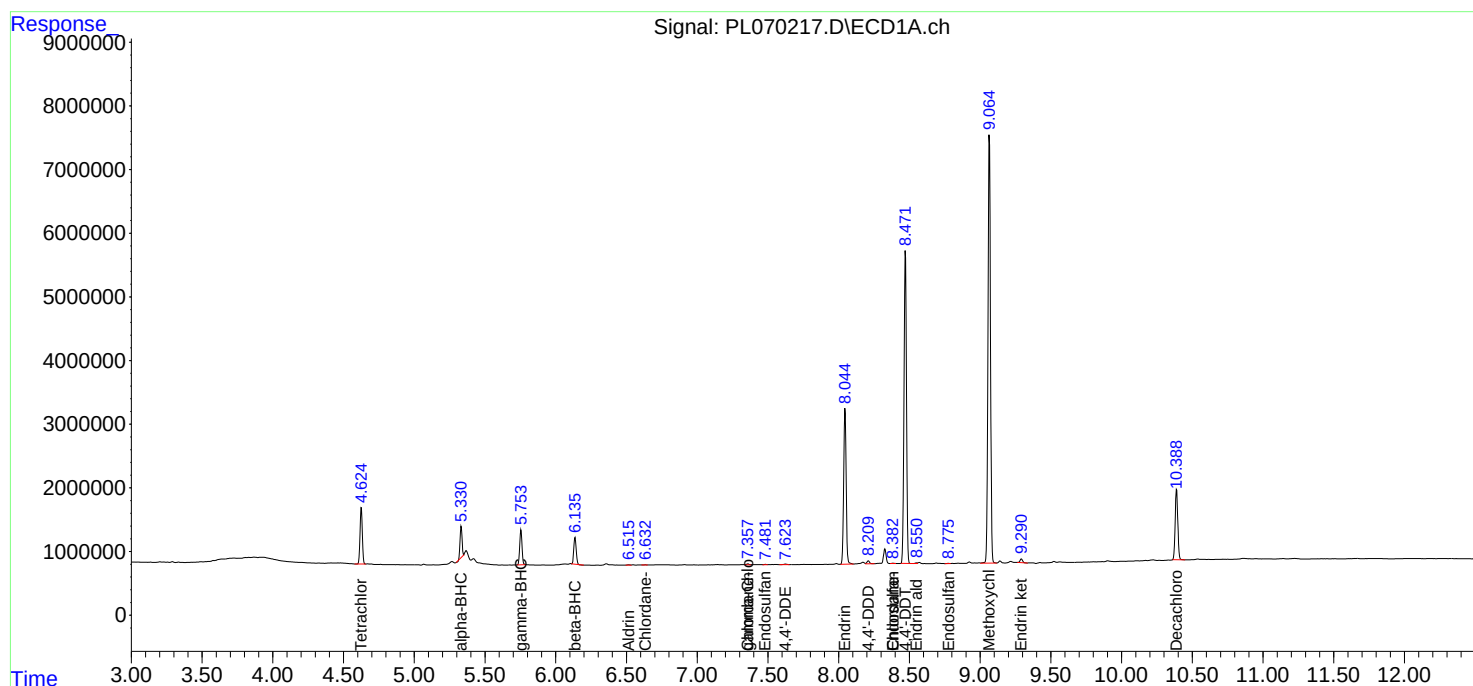
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

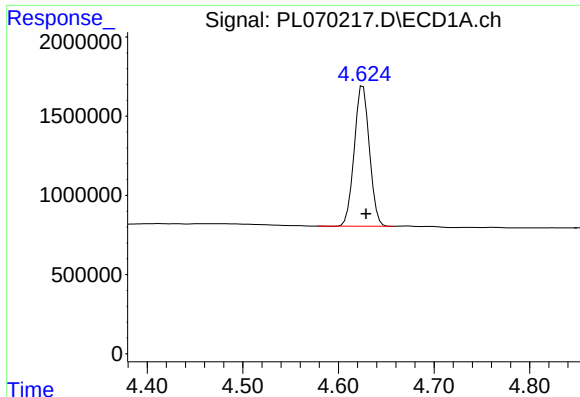
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100821\
 Data File : PL070217.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Oct 2021 20:53
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 00:12:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092821.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 29 09:19:28 2021
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

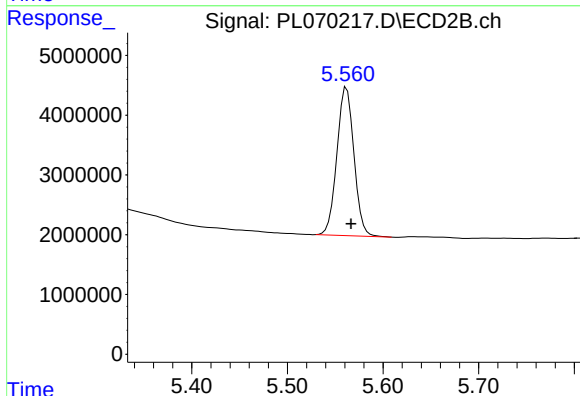




#1 Tetrachloro-m-xylene

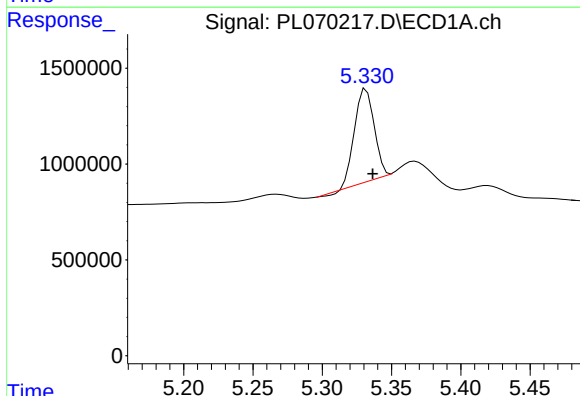
R.T.: 4.626 min
Delta R.T.: -0.003 min
Response: 9795535
Conc: 19.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



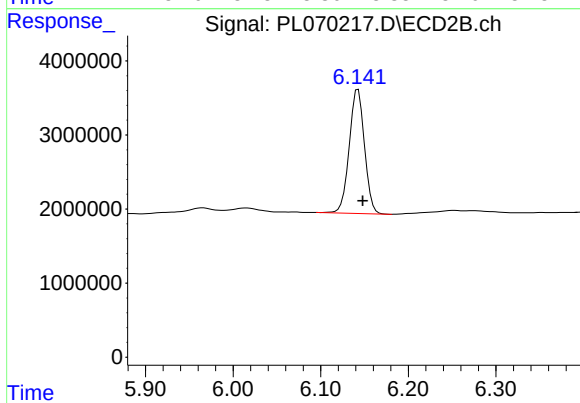
#1 Tetrachloro-m-xylene

R.T.: 5.562 min
Delta R.T.: -0.005 min
Response: 30737093
Conc: 23.24 ng/ml



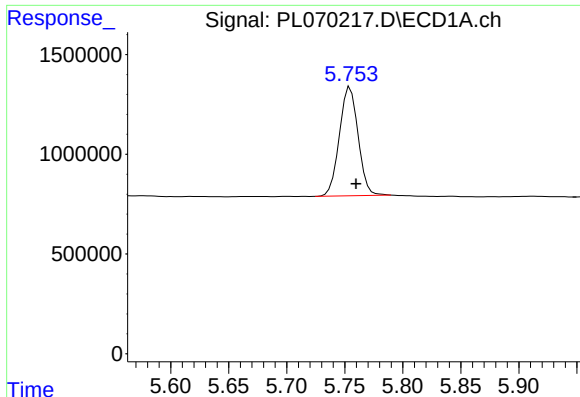
#2 alpha-BHC

R.T.: 5.332 min
Delta R.T.: -0.005 min
Response: 4723552
Conc: 6.38 ng/ml



#2 alpha-BHC

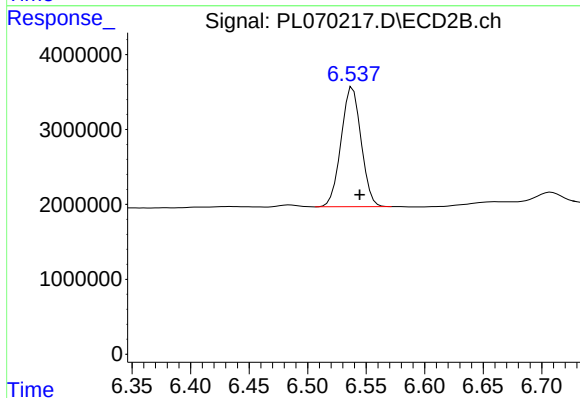
R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 20244367
Conc: 10.35 ng/ml



#3 gamma-BHC (Lindane)

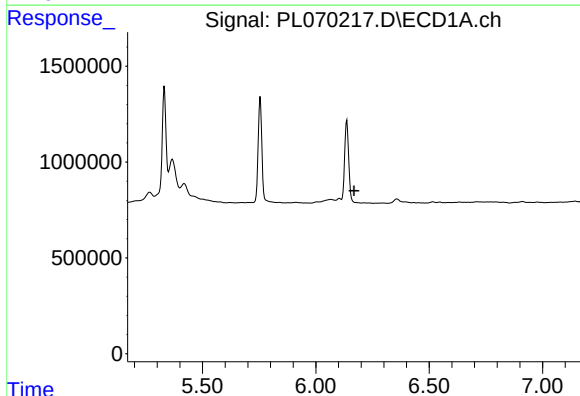
R.T.: 5.755 min
Delta R.T.: -0.005 min
Response: 6139944
Conc: 8.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



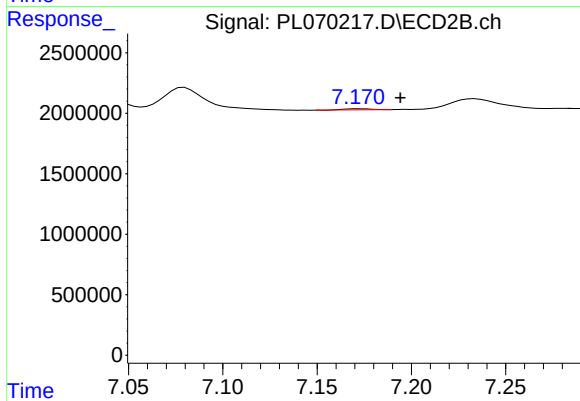
#3 gamma-BHC (Lindane)

R.T.: 6.538 min
Delta R.T.: -0.006 min
Response: 19032461
Conc: 10.39 ng/ml



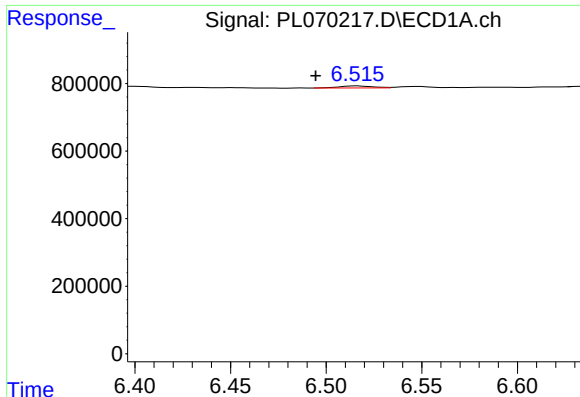
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 6.169 min
Response: 0
Conc: N.D.



#4 Heptachlor

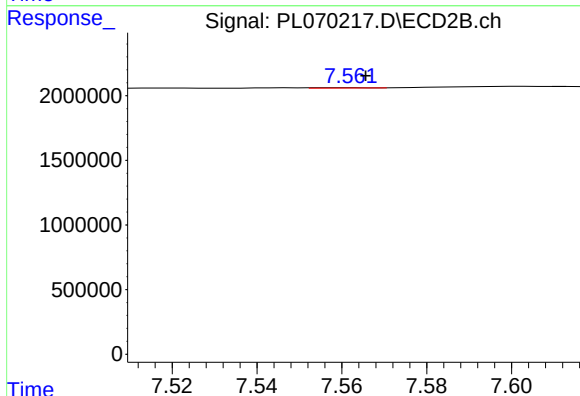
R.T.: 7.172 min
Delta R.T.: -0.022 min
Response: 93431
Conc: 0.05 ng/ml



#5 Aldrin

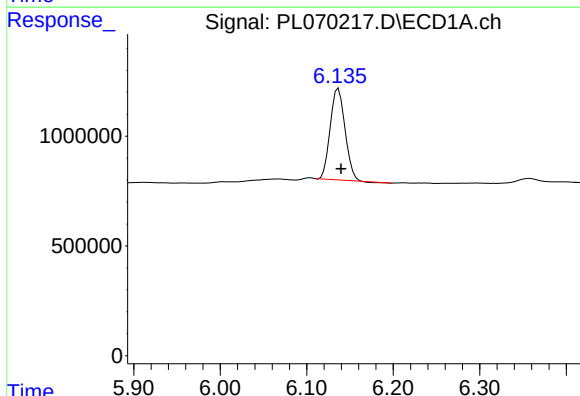
R.T.: 6.516 min
Delta R.T.: 0.022 min
Response: 72660
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



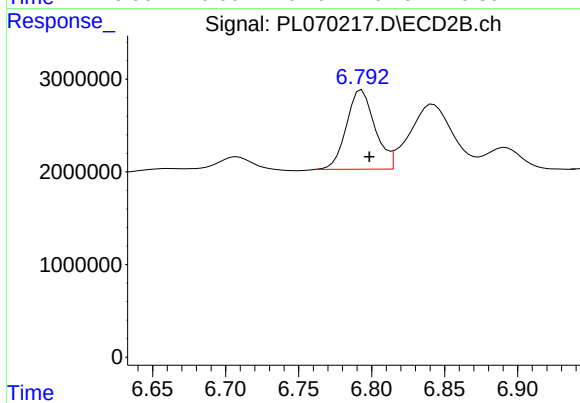
#5 Aldrin

R.T.: 7.563 min
Delta R.T.: -0.003 min
Response: 23268
Conc: 0.01 ng/ml



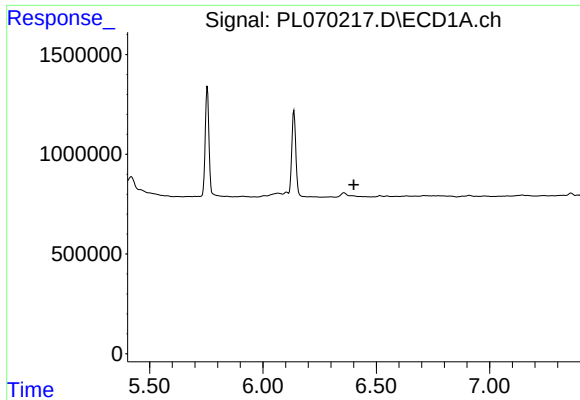
#6 beta-BHC

R.T.: 6.137 min
Delta R.T.: -0.003 min
Response: 4952059
Conc: 14.75 ng/ml



#6 beta-BHC

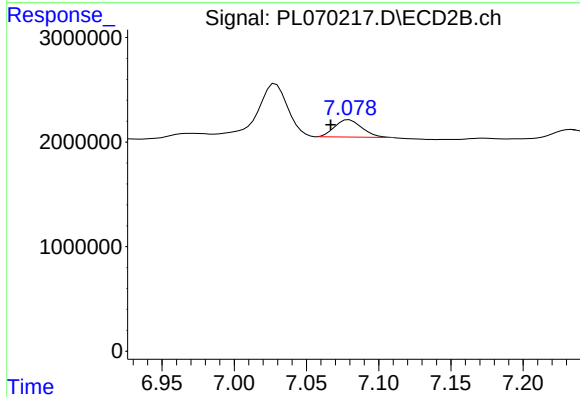
R.T.: 6.793 min
Delta R.T.: -0.005 min
Response: 11597336
Conc: 13.49 ng/ml



#7 delta-BHC

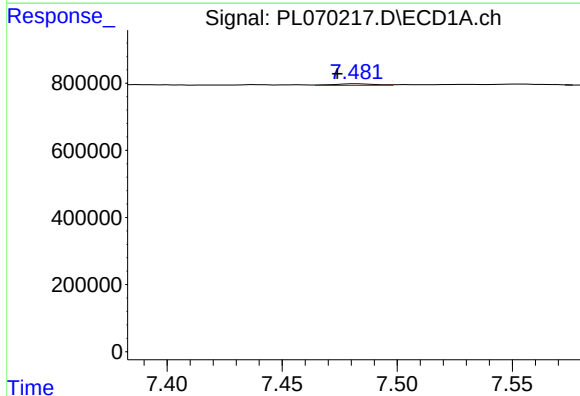
R.T.: 0.000 min
Exp R.T.: 6.401 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



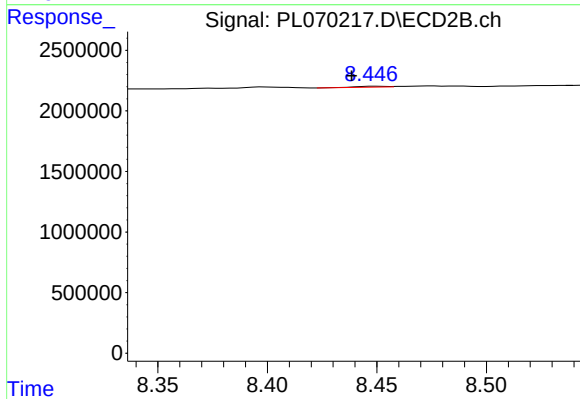
#7 delta-BHC

R.T.: 7.080 min
Delta R.T.: 0.013 min
Response: 2120119
Conc: 1.10 ng/ml



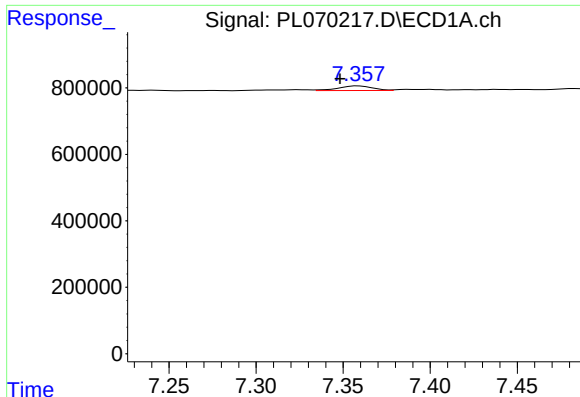
#9 Endosulfan I

R.T.: 7.483 min
Delta R.T.: 0.009 min
Response: 60256
Conc: 0.09 ng/ml



#9 Endosulfan I

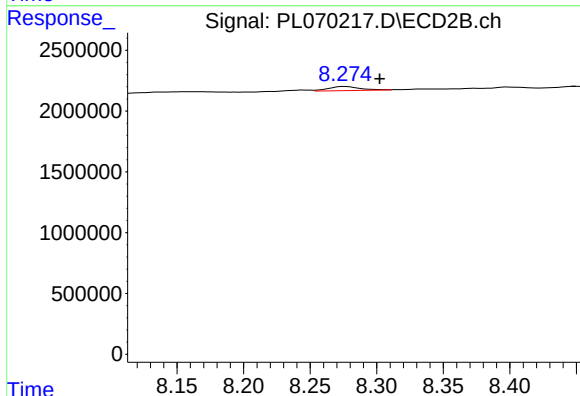
R.T.: 8.449 min
Delta R.T.: 0.011 min
Response: 57861
Conc: 0.04 ng/ml



#10 gamma-Chlordane

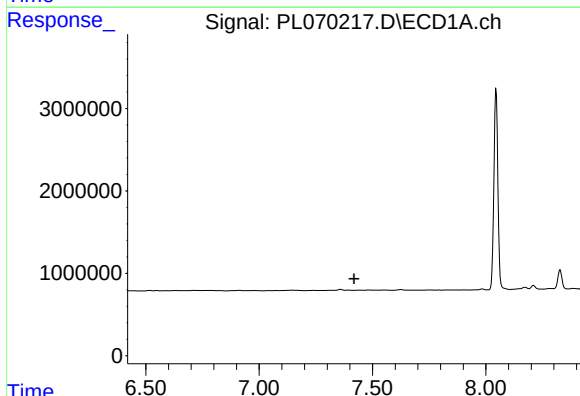
R.T.: 7.359 min
Delta R.T.: 0.011 min
Response: 190006
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



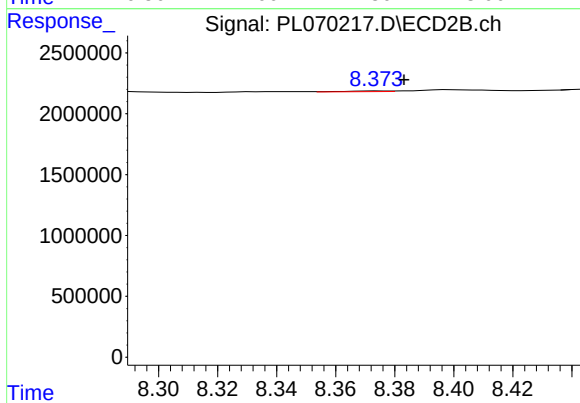
#10 gamma-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.026 min
Response: 567471
Conc: 0.35 ng/ml



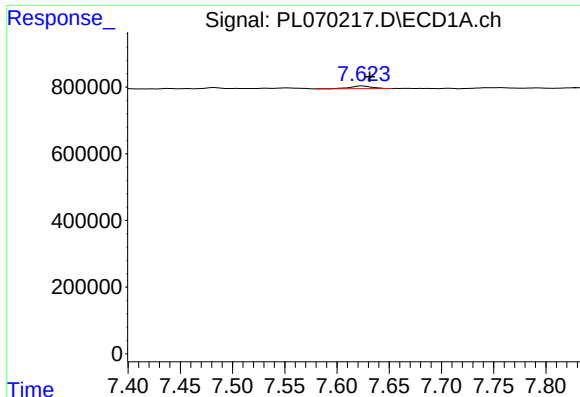
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 7.418 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

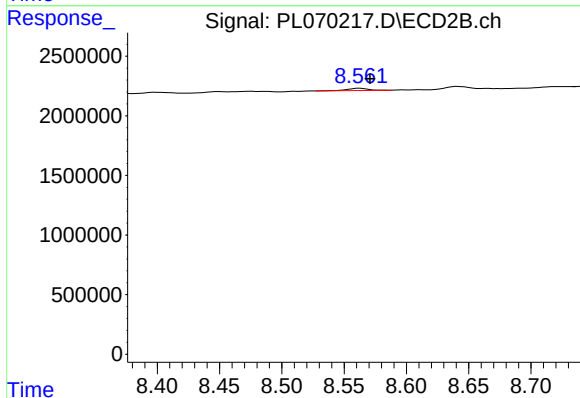
R.T.: 8.375 min
Delta R.T.: -0.008 min
Response: 50308
Conc: 0.03 ng/ml



#12 4,4'-DDE

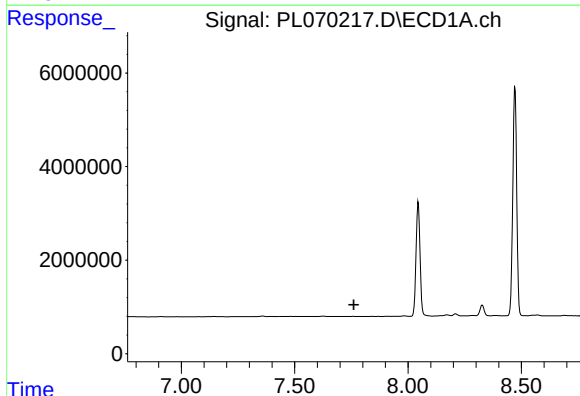
R.T.: 7.625 min
Delta R.T.: -0.007 min
Response: 114802
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



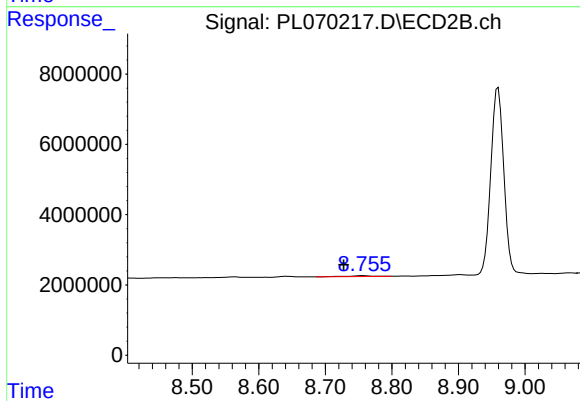
#12 4,4'-DDE

R.T.: 8.563 min
Delta R.T.: -0.008 min
Response: 211560
Conc: 0.14 ng/ml



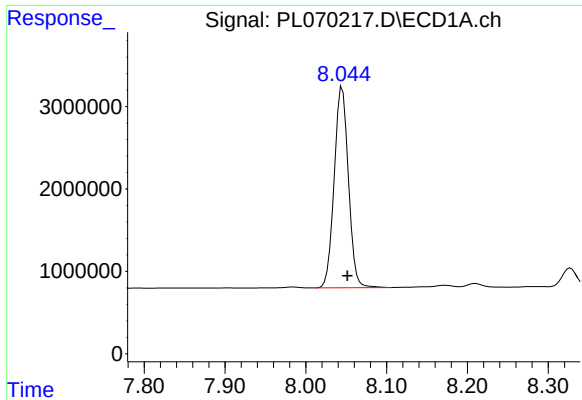
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 7.761 min
Response: 0
Conc: N.D.



#13 Dieldrin

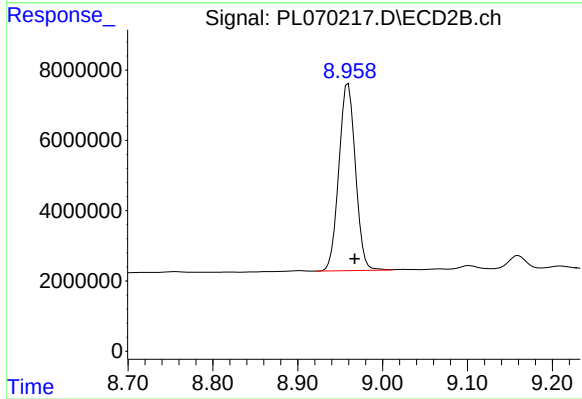
R.T.: 8.756 min
Delta R.T.: 0.029 min
Response: 621963
Conc: 0.41 ng/ml



#14 Endrin

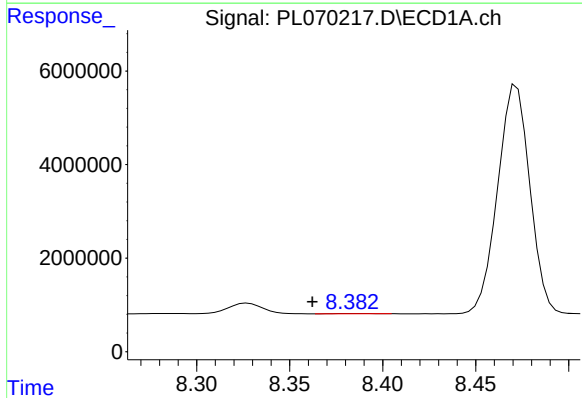
R.T.: 8.045 min
Delta R.T.: -0.006 min
Response: 29796806
Conc: 47.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



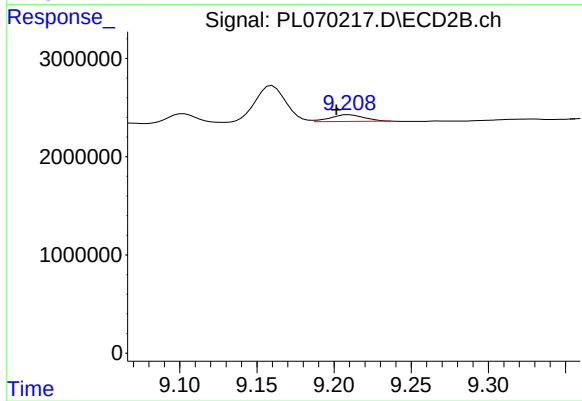
#14 Endrin

R.T.: 8.960 min
Delta R.T.: -0.007 min
Response: 72143824
Conc: 57.43 ng/ml



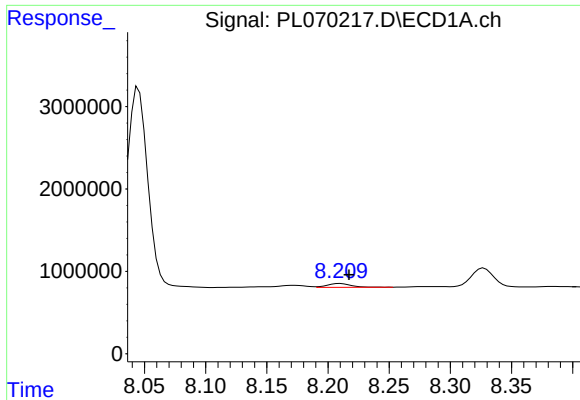
#15 Endosulfan II

R.T.: 8.384 min
Delta R.T.: 0.021 min
Response: 45915
Conc: 0.07 ng/ml



#15 Endosulfan II

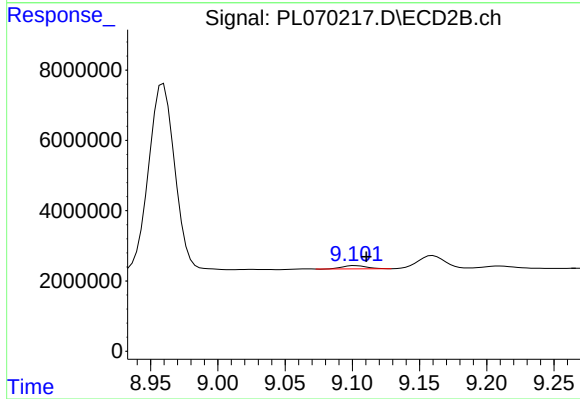
R.T.: 9.210 min
Delta R.T.: 0.008 min
Response: 1057857
Conc: 0.89 ng/ml



#16 4,4'-DDD

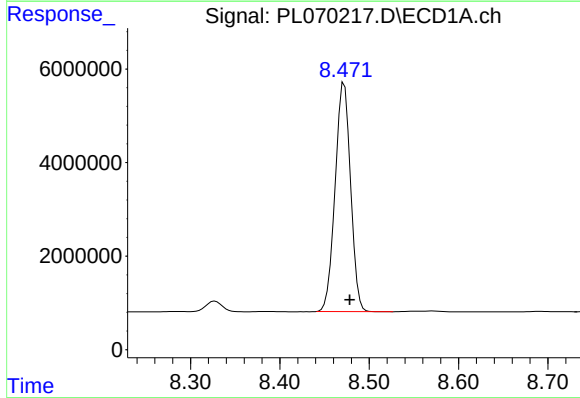
R.T.: 8.210 min
Delta R.T.: -0.007 min
Response: 605511
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



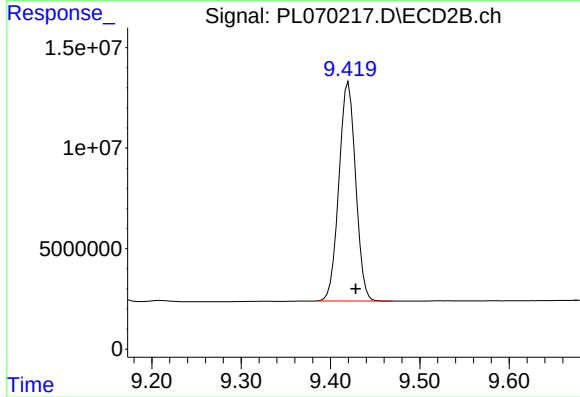
#16 4,4'-DDD

R.T.: 9.102 min
Delta R.T.: -0.008 min
Response: 1145844
Conc: 0.97 ng/ml



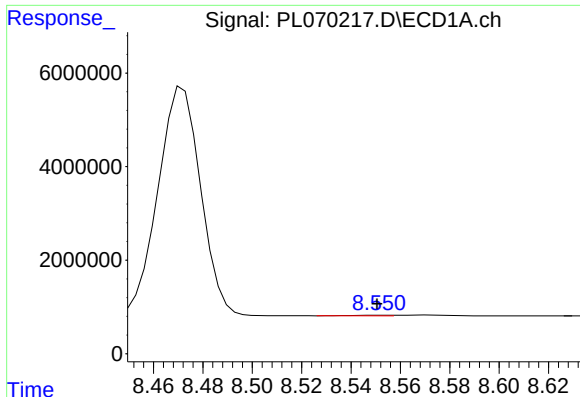
#17 4,4'-DDT

R.T.: 8.472 min
Delta R.T.: -0.006 min
Response: 58828155
Conc: 96.17 ng/ml



#17 4,4'-DDT

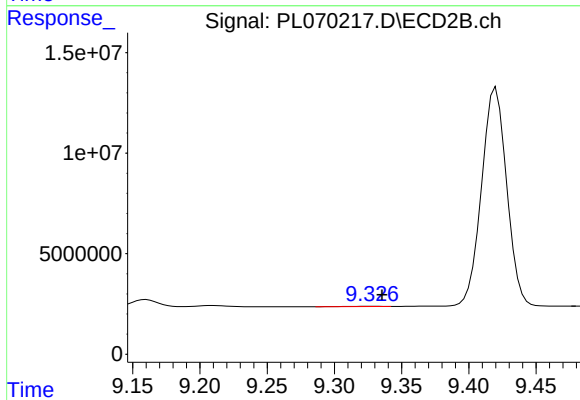
R.T.: 9.420 min
Delta R.T.: -0.008 min
Response: 141284869
Conc: 108.11 ng/ml



#18 Endrin aldehyde

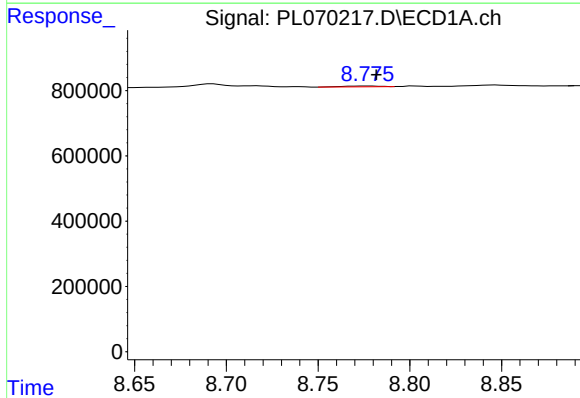
R.T.: 8.552 min
Delta R.T.: 0.001 min
Response: 122148
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



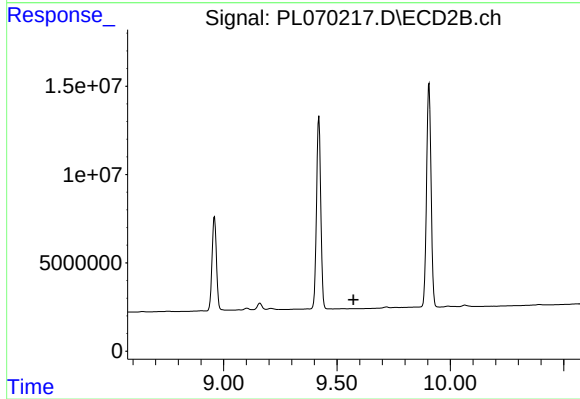
#18 Endrin aldehyde

R.T.: 9.329 min
Delta R.T.: -0.007 min
Response: 194789
Conc: 0.20 ng/ml



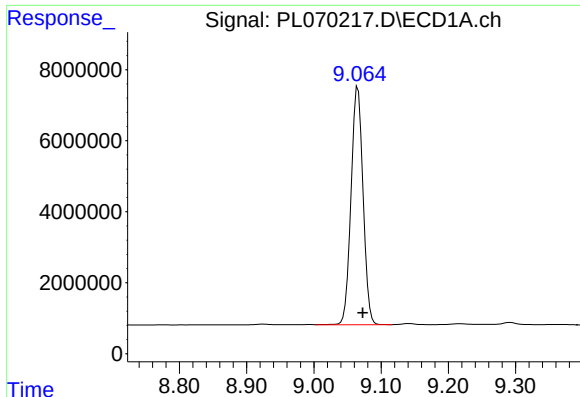
#19 Endosulfan Sulfate

R.T.: 8.777 min
Delta R.T.: -0.005 min
Response: 33537
Conc: 0.05 ng/ml



#19 Endosulfan Sulfate

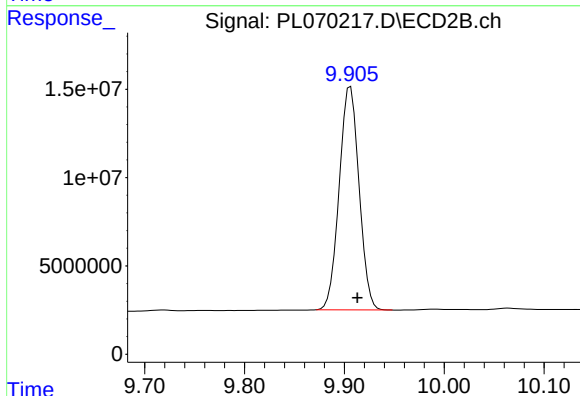
R.T.: 9.583 min
Delta R.T.: 0.009 min
Response: -1440
Conc: N.D.



#20 Methoxychlor

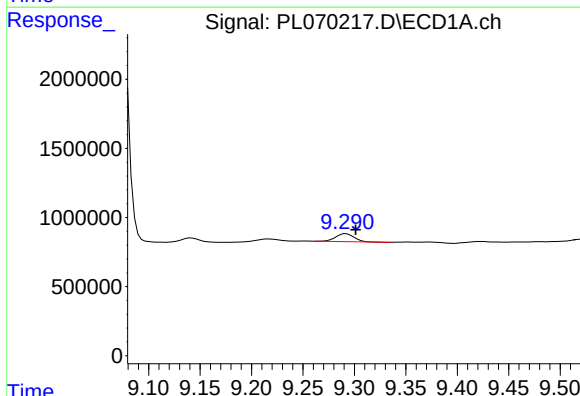
R.T.: 9.065 min
Delta R.T.: -0.007 min
Response: 83161920
Conc: 222.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



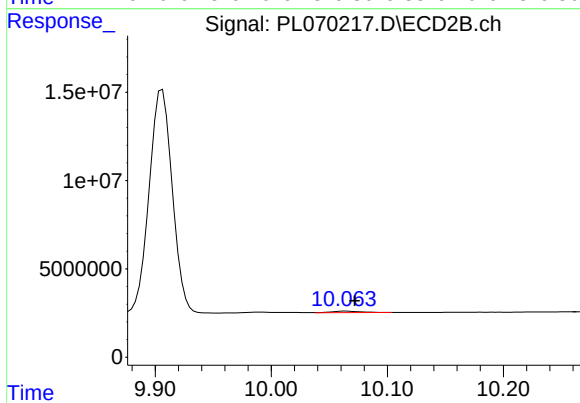
#20 Methoxychlor

R.T.: 9.906 min
Delta R.T.: -0.007 min
Response: 174677950
Conc: 269.92 ng/ml



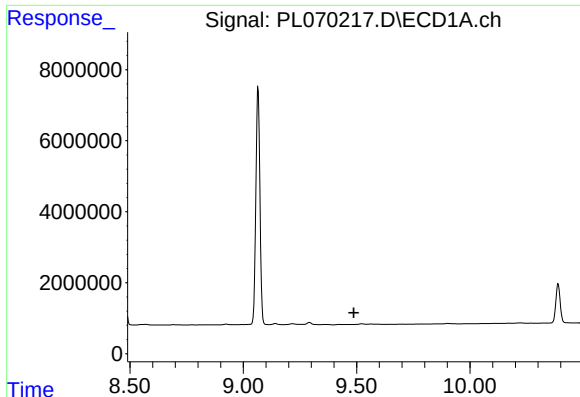
#21 Endrin ketone

R.T.: 9.292 min
Delta R.T.: -0.010 min
Response: 709862
Conc: 0.93 ng/ml



#21 Endrin ketone

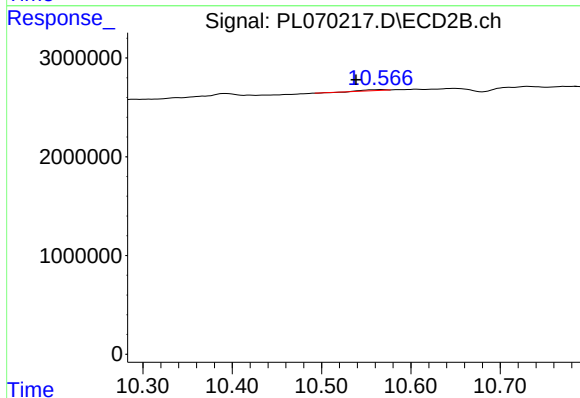
R.T.: 10.064 min
Delta R.T.: -0.008 min
Response: 1422418
Conc: 1.06 ng/ml



#22 Mirex

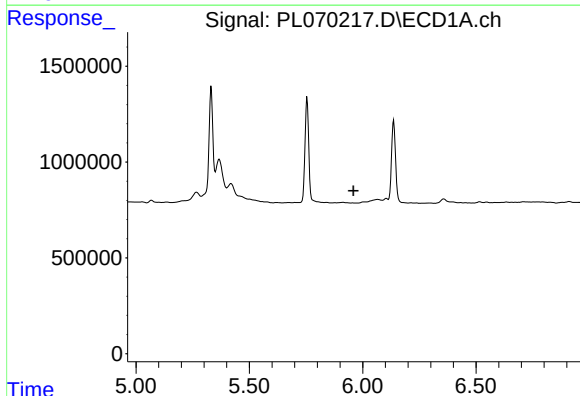
R.T.: 0.000 min
Exp R.T.: 9.488 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



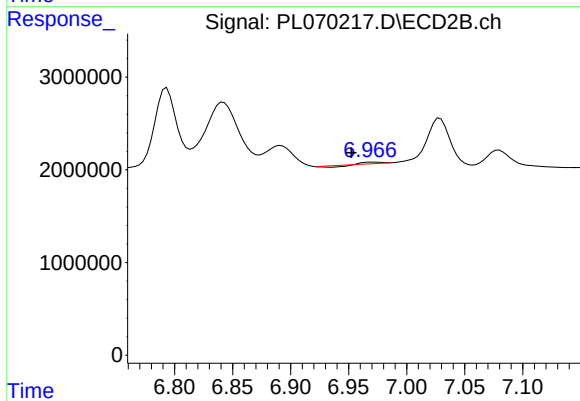
#22 Mirex

R.T.: 10.568 min
Delta R.T.: 0.030 min
Response: 145864
Conc: 0.15 ng/ml



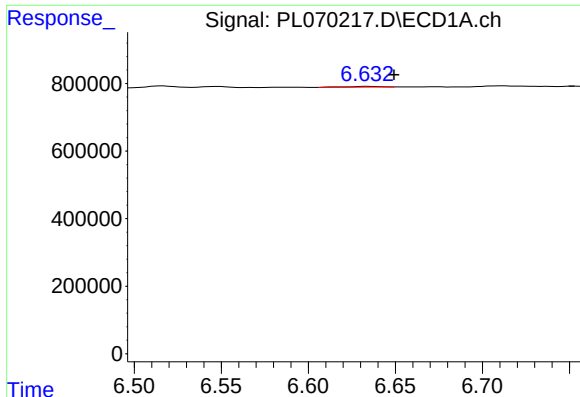
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 5.960 min
Response: 0
Conc: N.D.



#23 Chlordane-1

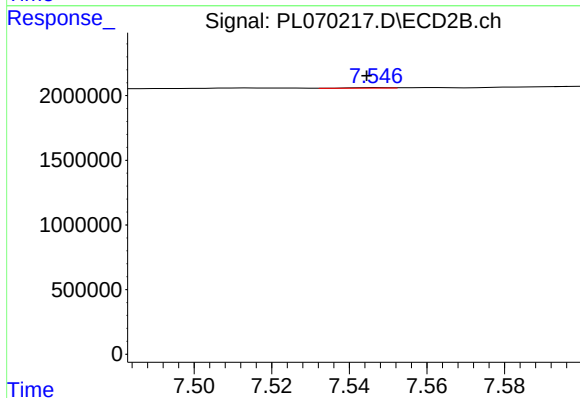
R.T.: 6.970 min
Delta R.T.: 0.017 min
Response: 6611
Conc: 0.14 ng/ml



#24 Chlordane-2

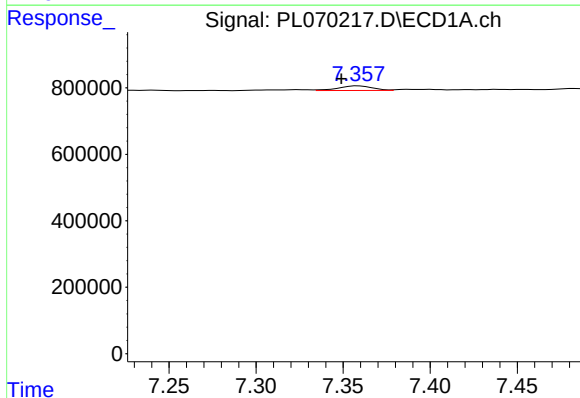
R.T.: 6.634 min
Delta R.T.: -0.016 min
Response: 30371
Conc: 1.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



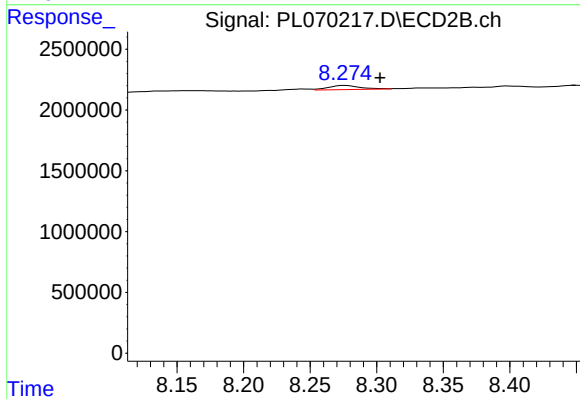
#24 Chlordane-2

R.T.: 7.548 min
Delta R.T.: 0.003 min
Response: 29300
Conc: 0.54 ng/ml



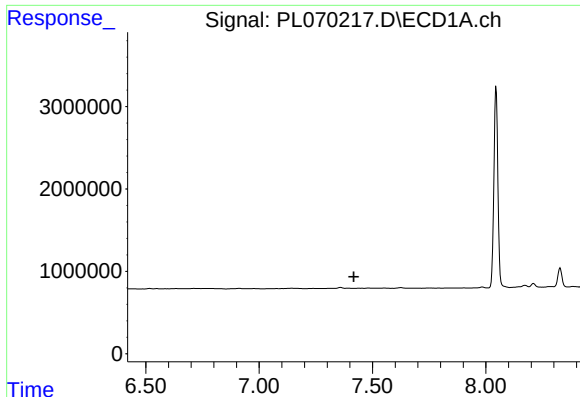
#25 Chlordane-3

R.T.: 7.359 min
Delta R.T.: 0.010 min
Response: 190006
Conc: 2.78 ng/ml



#25 Chlordane-3

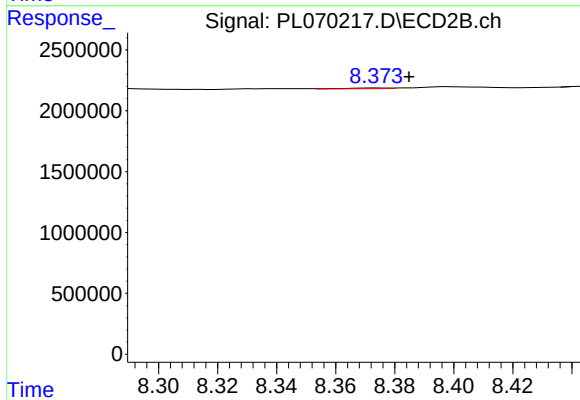
R.T.: 8.276 min
Delta R.T.: -0.027 min
Response: 567471
Conc: 2.68 ng/ml



#26 Chlordane-4

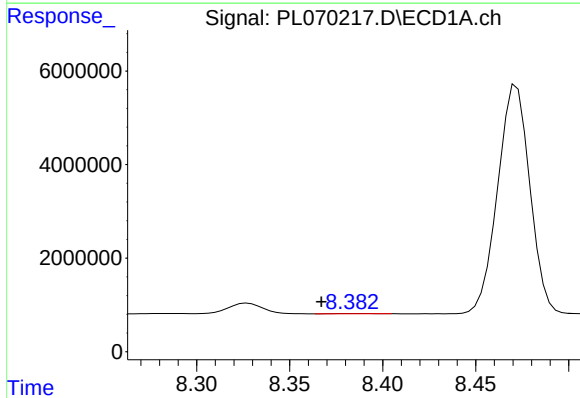
R.T.: 0.000 min
Exp R.T.: 7.418 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



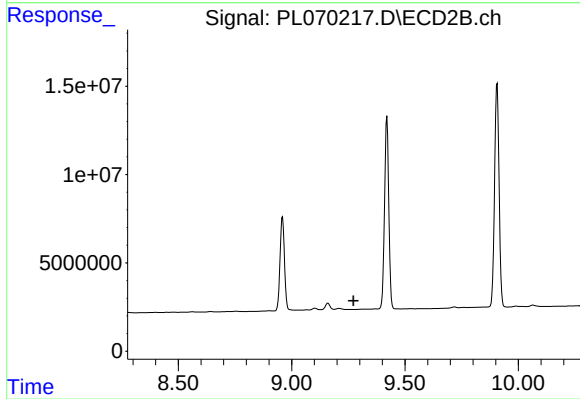
#26 Chlordane-4

R.T.: 8.375 min
Delta R.T.: -0.010 min
Response: 50308
Conc: 0.20 ng/ml



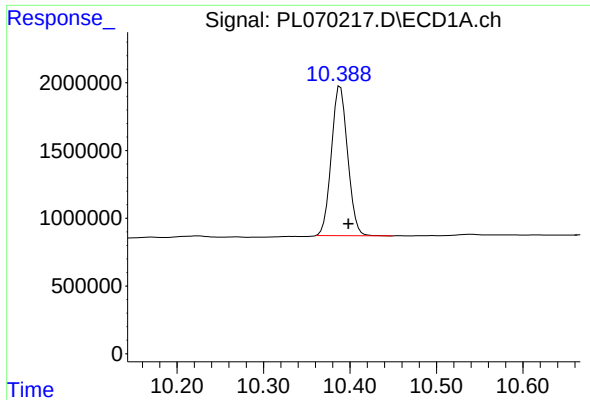
#27 Chlordane-5

R.T.: 8.384 min
Delta R.T.: 0.017 min
Response: 45915
Conc: 2.31 ng/ml



#27 Chlordane-5

R.T.: 9.269 min
Delta R.T.: -0.004 min
Response: -32591
Conc: N.D.



#28 Decachlorobiphenyl

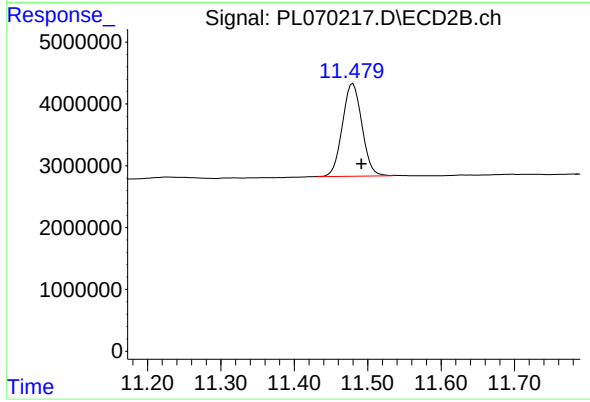
R.T.: 10.389 min

Delta R.T.: -0.009 min

Response: 14361629

Conc: 20.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 11.480 min

Delta R.T.: -0.012 min

Response: 27745629

Conc: 22.93 ng/ml