

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101221\
 Data File : PL070260.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Oct 2021 09:42
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 13 07:50:57 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...	4.628	5.567	10146773	28879626	20.278	21.835
28)	SA Decachlor...	10.394	11.489	14383739	24591248	20.786	20.320
Target Compounds							
2)	A alpha-BHC	5.335	6.147	6387758	19247761	8.630	9.841
3)	MA gamma-BHC...	5.758	6.544	6186150	18104822	8.859	9.882
4)	MA Heptachlor	0.000	7.180	0	149513	N.D.	0.080 #
5)	MB Aldrin	6.520f	7.564	87557	53525	0.121	0.031 #
6)	B beta-BHC	6.139	6.799	4250350	9136972	12.660	10.626
7)	B delta-BHC	0.000	7.085f	0	1553072	N.D.	0.802 #
9)	A Endosulfan I	7.484	8.451	78917	35653	0.118	0.024 #
10)	B gamma-Chl...	7.362	8.282f	147120	364962	0.203	0.228
11)	B alpha-Chl...	0.000	8.379	0	26357	N.D.	0.017 #
12)	B 4,4'-DDE	7.629	8.568	140566	323680	0.221	0.209
13)	MA Dieldrin	0.000	8.702f	0	13581	N.D.	0.009 #
14)	MA Endrin	8.050	8.966	29170605	64489729	46.161	51.340
15)	B Endosulfa...	8.385f	9.216	159173	226419	0.251	0.189
16)	A 4,4'-DDD	8.214	9.109	1711564	3485477	3.052	2.951
17)	MA 4,4'-DDT	8.476	9.427	56508973	123.5E6	92.378	94.466
18)	B Endrin al...	8.551	9.336	327570	338597	0.661	0.351 #
20)	A Methoxychlor	9.070	9.913	78381762	150.3E6	209.913	232.313
21)	B Endrin ke...	9.297	10.071	1521002	2085103	1.991	1.559
22)	Mirex	0.000	10.560f	0	63808	N.D.	0.065 #
23)	Chlordane-1	0.000	6.973f	0	50664	N.D.	1.104 #
24)	Chlordane-2	0.000	7.564f	0	53525	N.D.	0.993 #
25)	Chlordane-3	7.362	8.282f	147120	364962	2.150	1.723
26)	Chlordane-4	0.000	8.379	0	26357	N.D.	0.104 #
27)	Chlordane-5	8.385f	0.000	159173	0	8.003	N.D. #

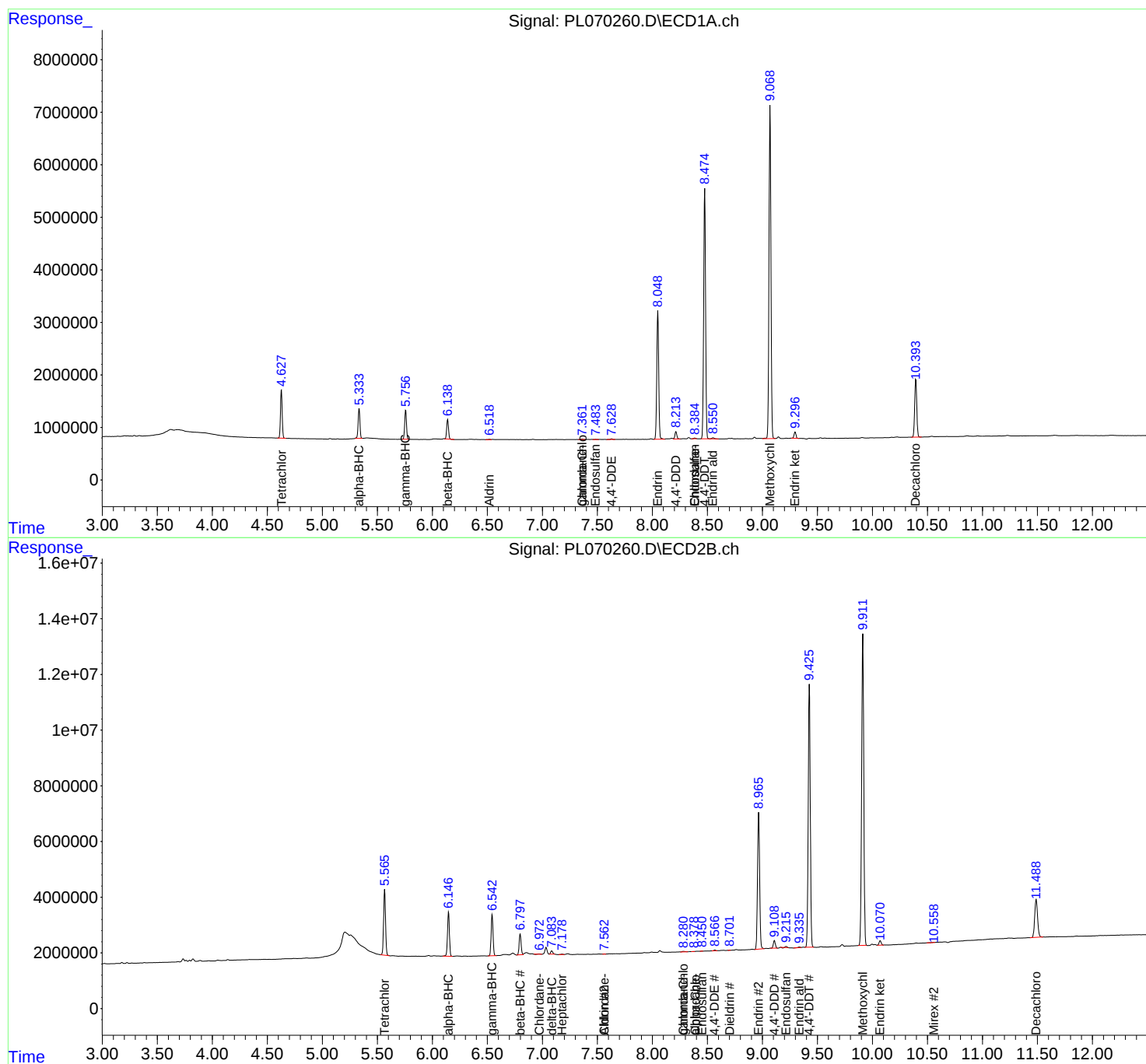
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

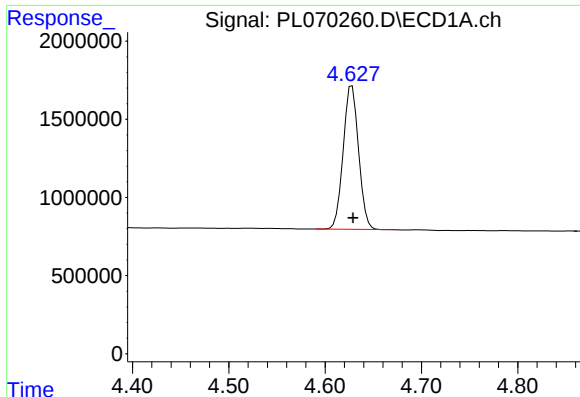
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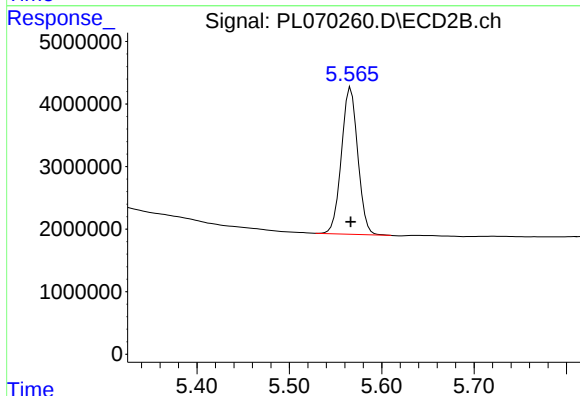




#1 Tetrachloro-m-xylene

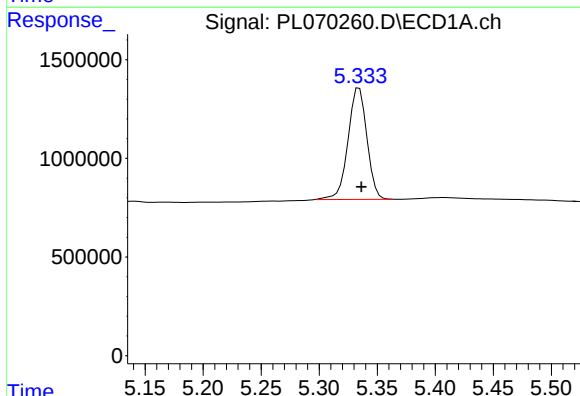
R.T.: 4.628 min
Delta R.T.: -0.001 min
Response: 10146773
Conc: 20.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



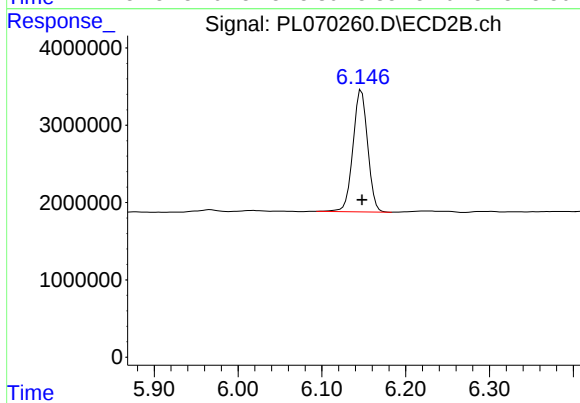
#1 Tetrachloro-m-xylene

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 28879626
Conc: 21.84 ng/ml



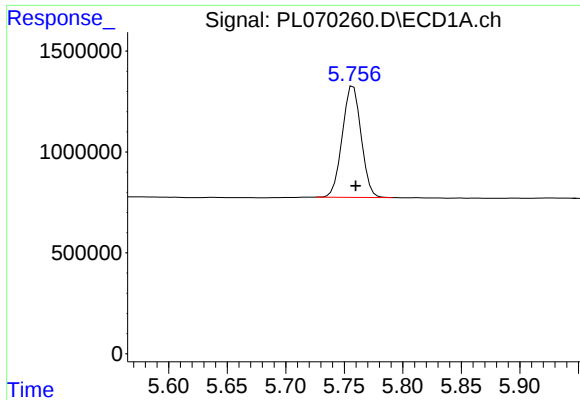
#2 alpha-BHC

R.T.: 5.335 min
Delta R.T.: -0.002 min
Response: 6387758
Conc: 8.63 ng/ml



#2 alpha-BHC

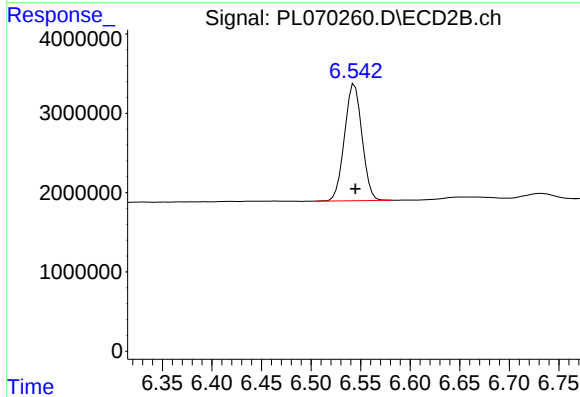
R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 19247761
Conc: 9.84 ng/ml



#3 gamma-BHC (Lindane)

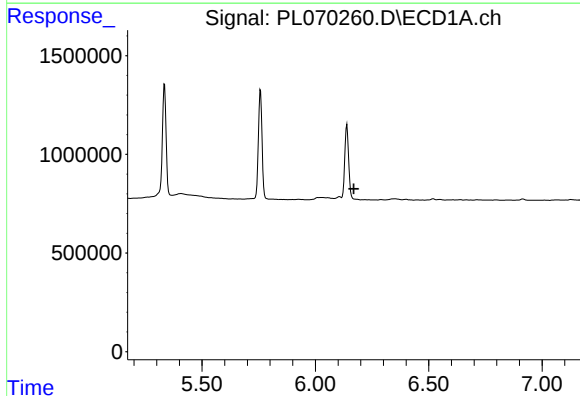
R.T.: 5.758 min
Delta R.T.: -0.002 min
Response: 6186150
Conc: 8.86 ng/ml

Instrument :
ECD_L
ClientSampleId :



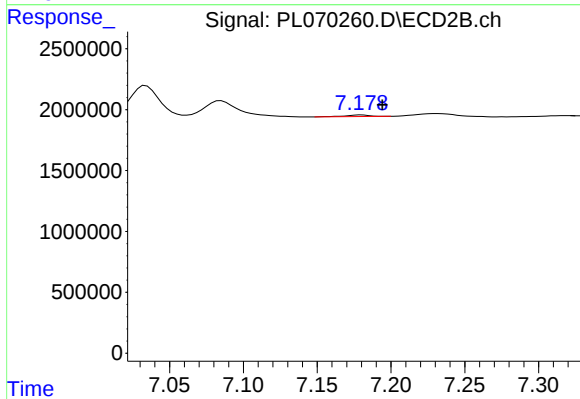
#3 gamma-BHC (Lindane)

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 18104822
Conc: 9.88 ng/ml



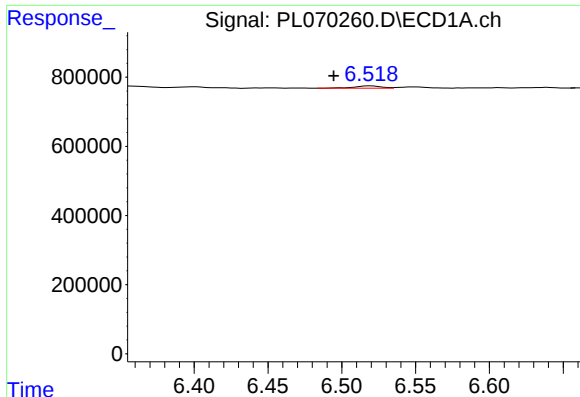
#4 Heptachlor

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



#4 Heptachlor

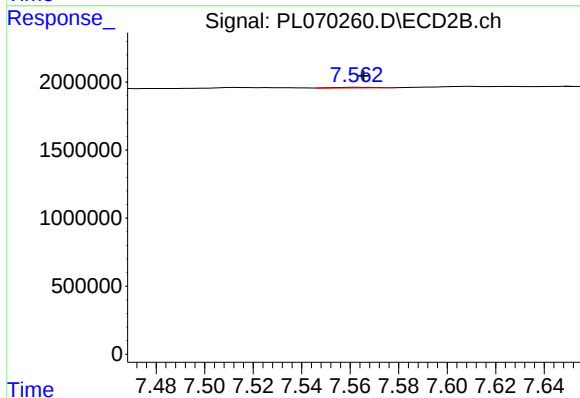
R.T.: 7.180 min
Delta R.T.: -0.015 min
Response: 149513
Conc: 0.08 ng/ml



#5 Aldrin

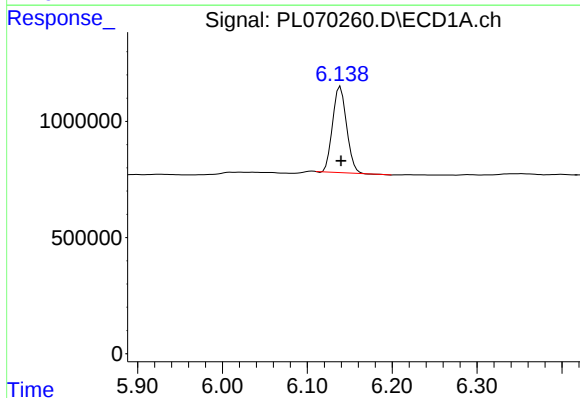
R.T.: 6.520 min
Delta R.T.: 0.025 min
Response: 87557
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



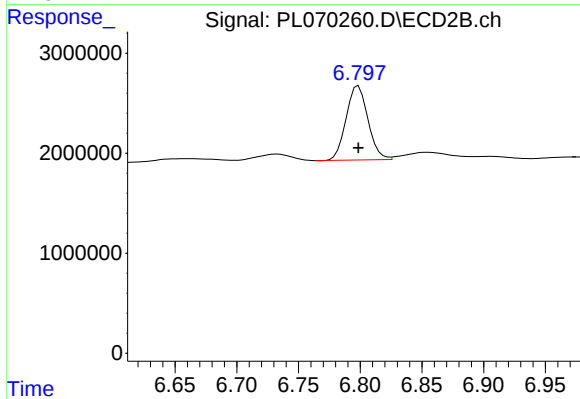
#5 Aldrin

R.T.: 7.564 min
Delta R.T.: -0.002 min
Response: 53525
Conc: 0.03 ng/ml



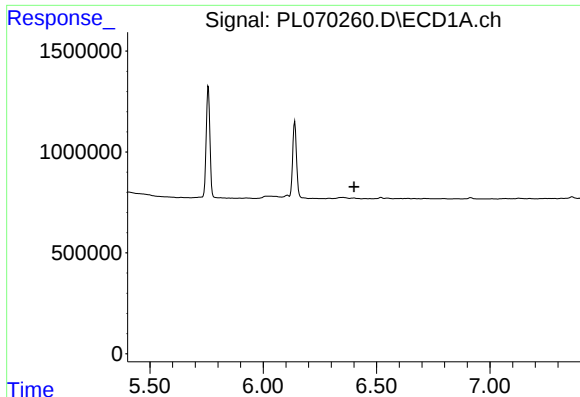
#6 beta-BHC

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 4250350
Conc: 12.66 ng/ml



#6 beta-BHC

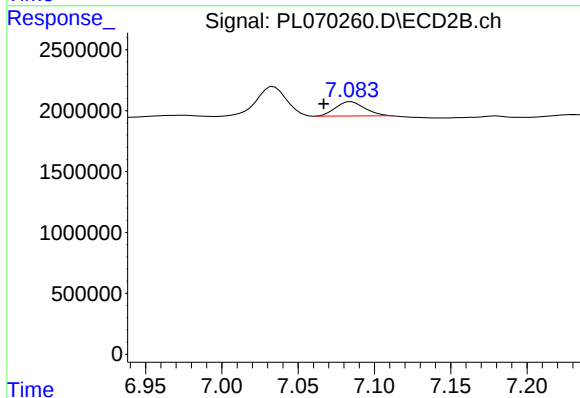
R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 9136972
Conc: 10.63 ng/ml



#7 delta-BHC

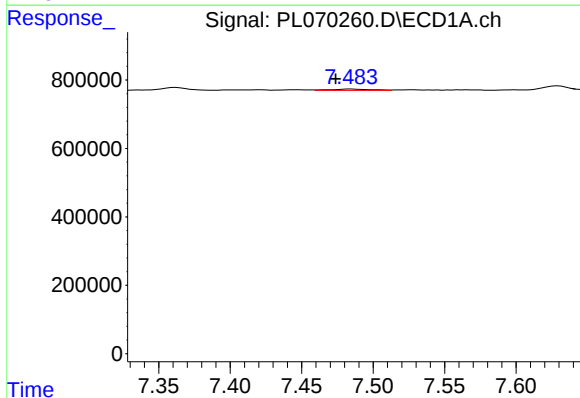
R.T.: 0.000 min
Exp R.T.: 6.401 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



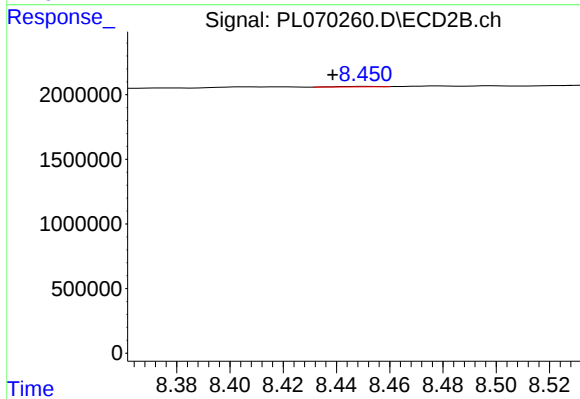
#7 delta-BHC

R.T.: 7.085 min
Delta R.T.: 0.018 min
Response: 1553072
Conc: 0.80 ng/ml



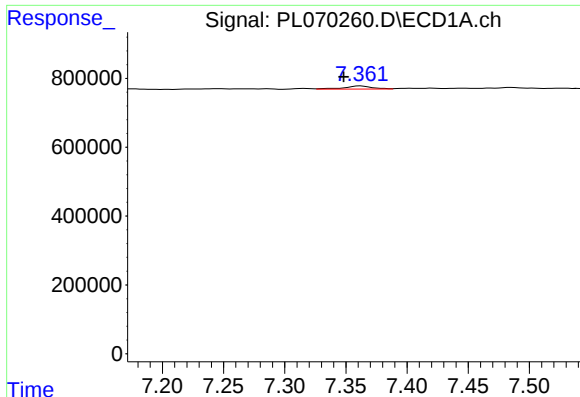
#9 Endosulfan I

R.T.: 7.484 min
Delta R.T.: 0.010 min
Response: 78917
Conc: 0.12 ng/ml



#9 Endosulfan I

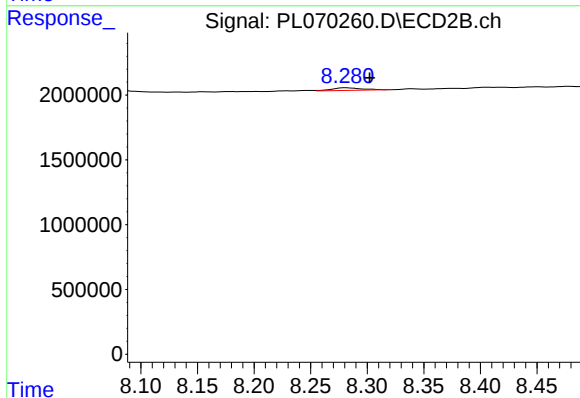
R.T.: 8.451 min
Delta R.T.: 0.013 min
Response: 35653
Conc: 0.02 ng/ml



#10 gamma-Chlordane

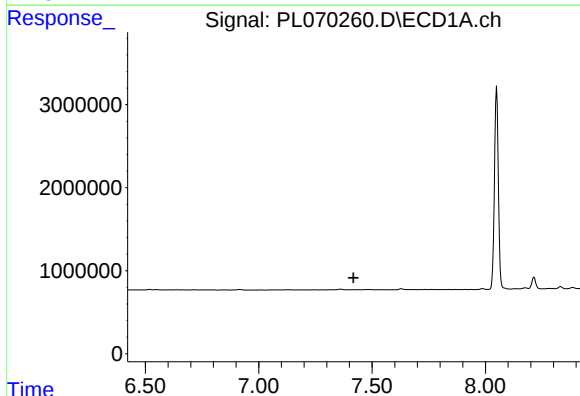
R.T.: 7.362 min
Delta R.T.: 0.014 min
Response: 147120
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :



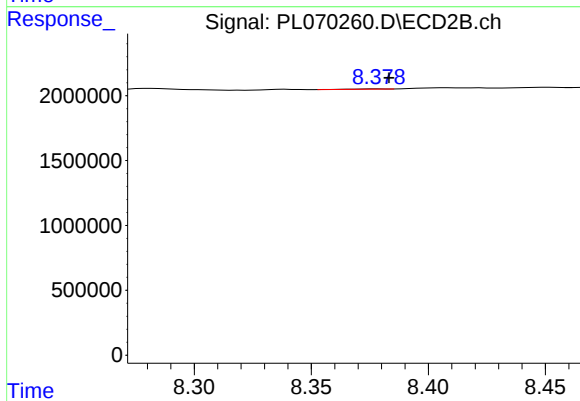
#10 gamma-Chlordane

R.T.: 8.282 min
Delta R.T.: -0.021 min
Response: 364962
Conc: 0.23 ng/ml



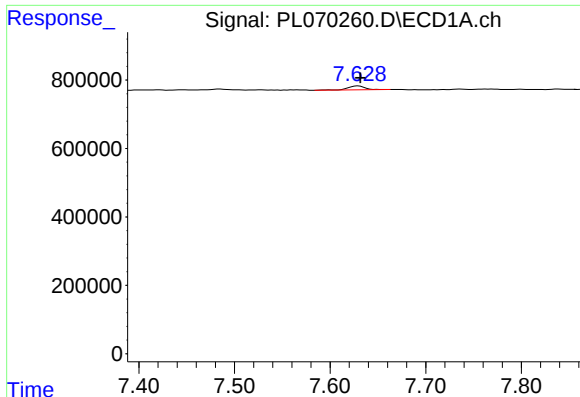
#11 alpha-Chlordane

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



#11 alpha-Chlordane

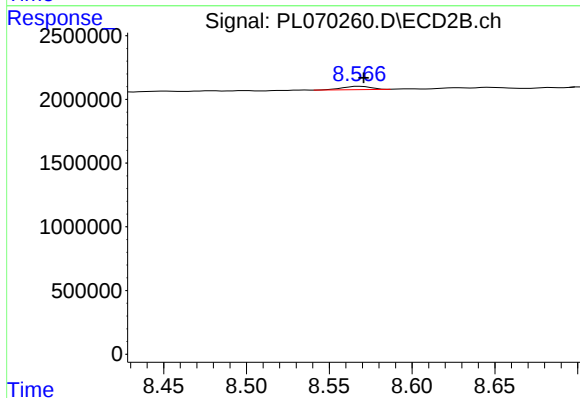
R.T.: 8.379 min
Delta R.T.: -0.004 min
Response: 26357
Conc: 0.02 ng/ml



#12 4,4'-DDE

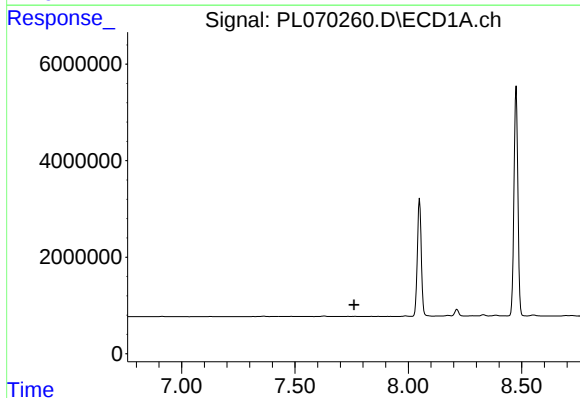
R.T.: 7.629 min
Delta R.T.: -0.002 min
Response: 140566
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :



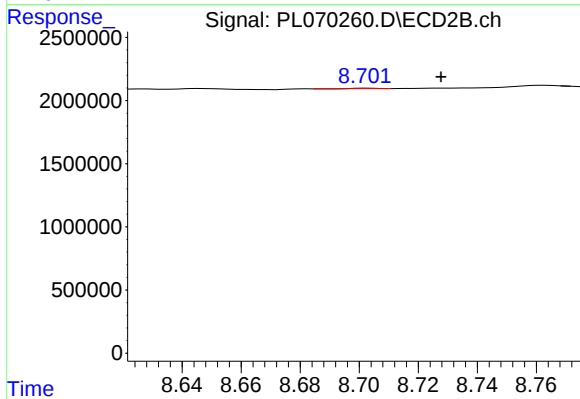
#12 4,4'-DDE

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 323680
Conc: 0.21 ng/ml



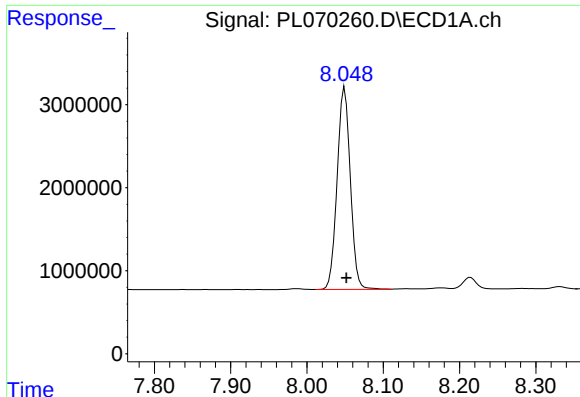
#13 Dieldrin

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



#13 Dieldrin

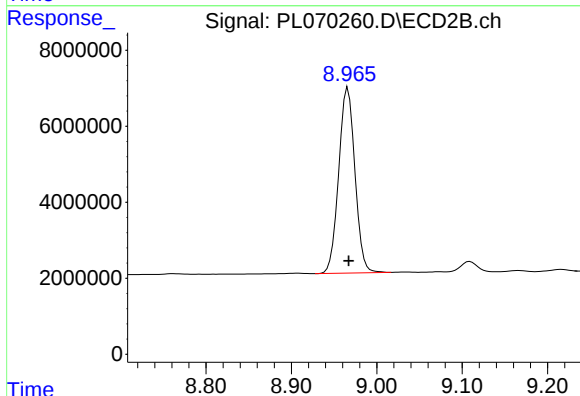
R.T.: 8.702 min
Delta R.T.: -0.025 min
Response: 13581
Conc: 0.01 ng/ml



#14 Endrin

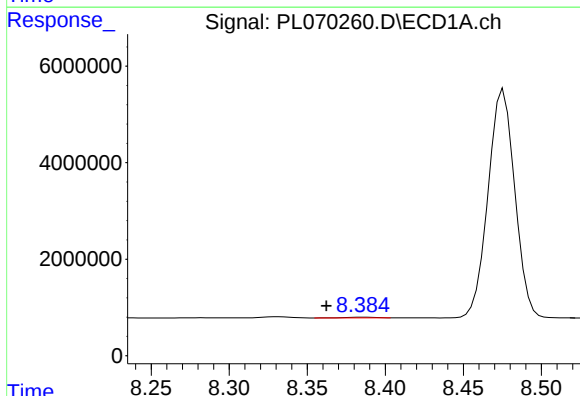
R.T.: 8.050 min
Delta R.T.: -0.002 min
Response: 29170605
Conc: 46.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



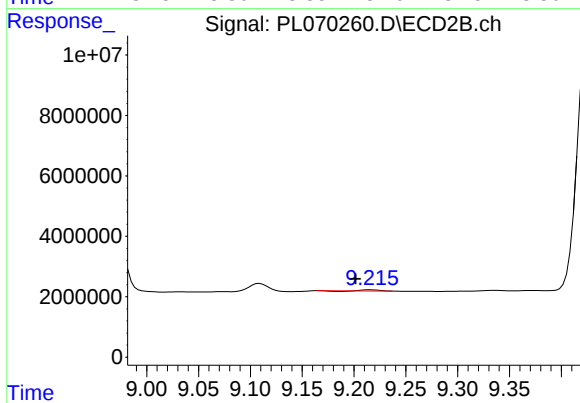
#14 Endrin

R.T.: 8.966 min
Delta R.T.: 0.000 min
Response: 64489729
Conc: 51.34 ng/ml



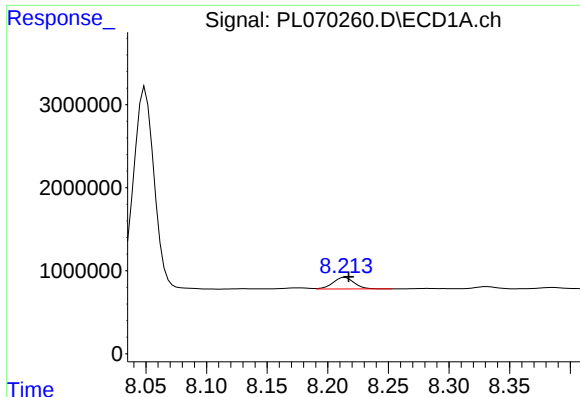
#15 Endosulfan II

R.T.: 8.385 min
Delta R.T.: 0.023 min
Response: 159173
Conc: 0.25 ng/ml



#15 Endosulfan II

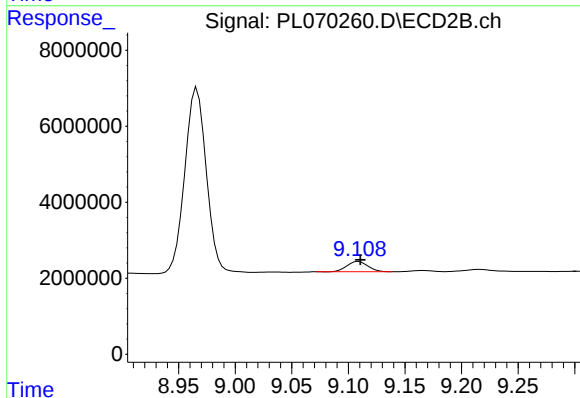
R.T.: 9.216 min
Delta R.T.: 0.014 min
Response: 226419
Conc: 0.19 ng/ml



#16 4,4'-DDD

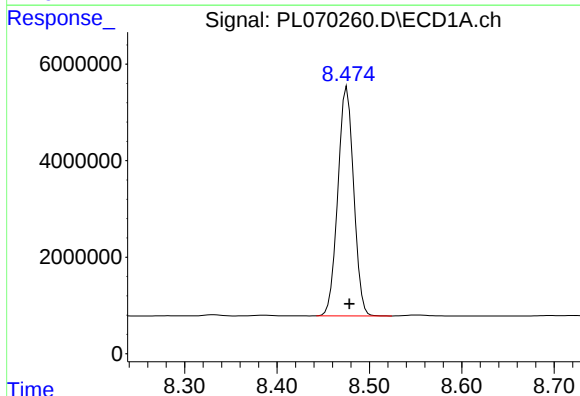
R.T.: 8.214 min
Delta R.T.: -0.003 min
Response: 1711564
Conc: 3.05 ng/ml

Instrument :
ECD_L
ClientSampleId :



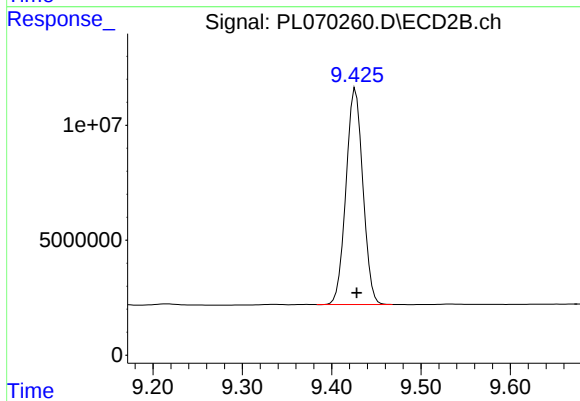
#16 4,4'-DDD

R.T.: 9.109 min
Delta R.T.: -0.001 min
Response: 3485477
Conc: 2.95 ng/ml



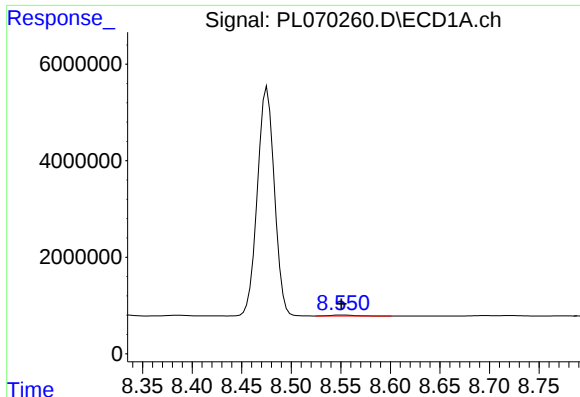
#17 4,4'-DDT

R.T.: 8.476 min
Delta R.T.: -0.003 min
Response: 56508973
Conc: 92.38 ng/ml



#17 4,4'-DDT

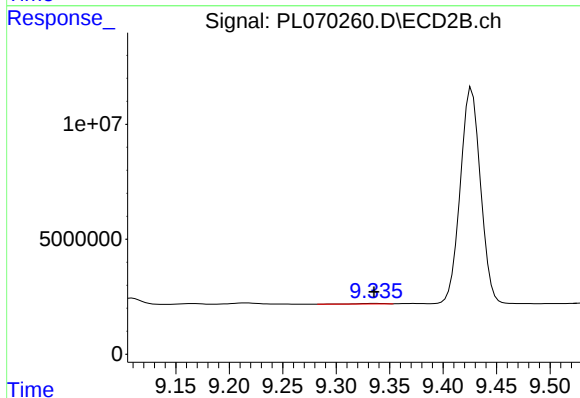
R.T.: 9.427 min
Delta R.T.: -0.001 min
Response: 123451886
Conc: 94.47 ng/ml



#18 Endrin aldehyde

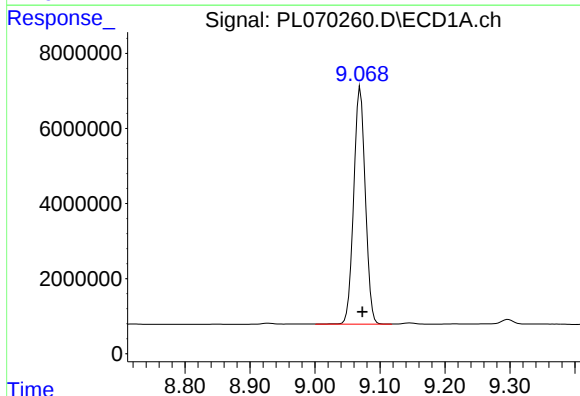
R.T.: 8.551 min
Delta R.T.: 0.000 min
Response: 327570
Conc: 0.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



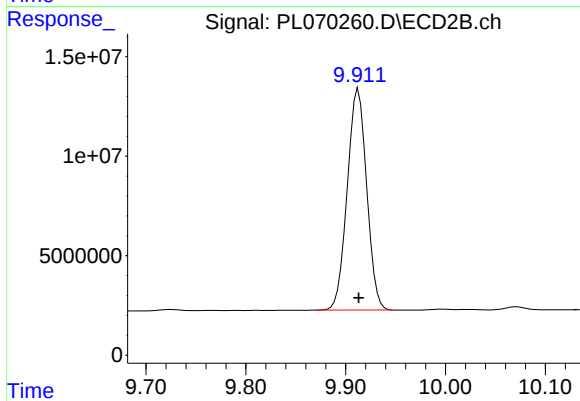
#18 Endrin aldehyde

R.T.: 9.336 min
Delta R.T.: 0.000 min
Response: 338597
Conc: 0.35 ng/ml



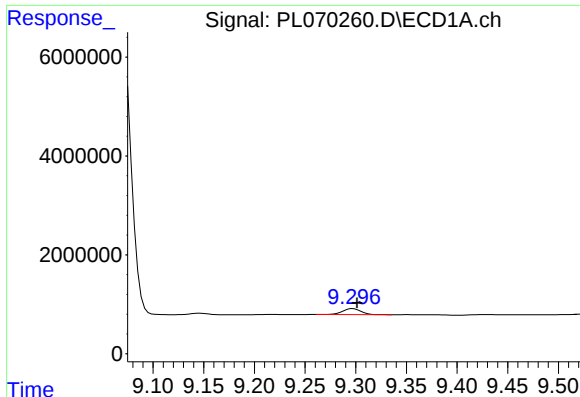
#20 Methoxychlor

R.T.: 9.070 min
Delta R.T.: -0.003 min
Response: 78381762
Conc: 209.91 ng/ml



#20 Methoxychlor

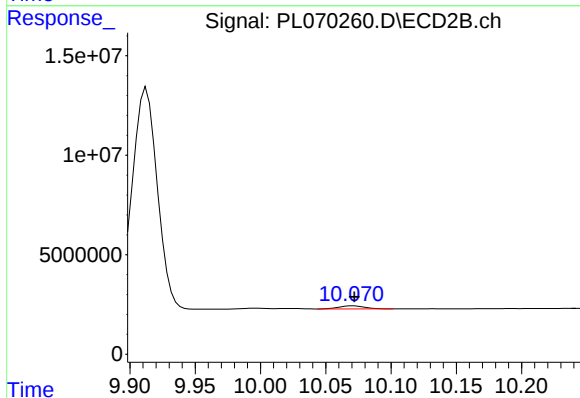
R.T.: 9.913 min
Delta R.T.: 0.000 min
Response: 150338778
Conc: 232.31 ng/ml



#21 Endrin ketone

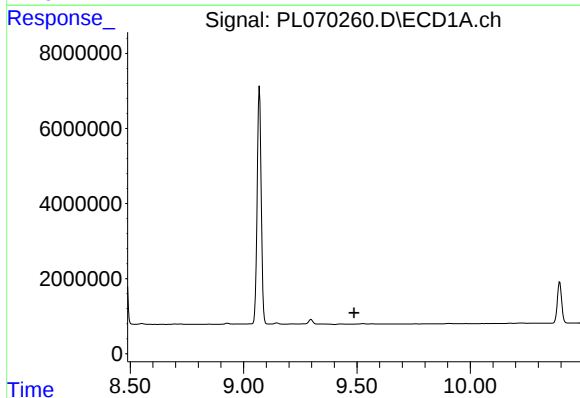
R.T.: 9.297 min
Delta R.T.: -0.004 min
Response: 1521002
Conc: 1.99 ng/ml

Instrument :
ECD_L
ClientSampleId :



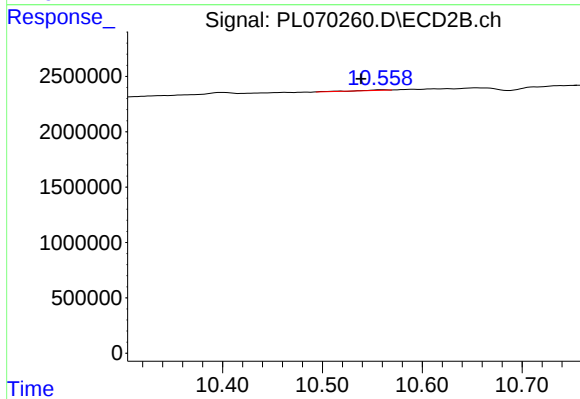
#21 Endrin ketone

R.T.: 10.071 min
Delta R.T.: 0.000 min
Response: 2085103
Conc: 1.56 ng/ml



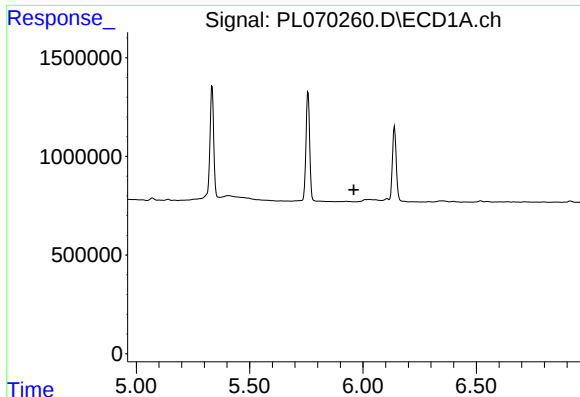
#22 Mirex

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



#22 Mirex

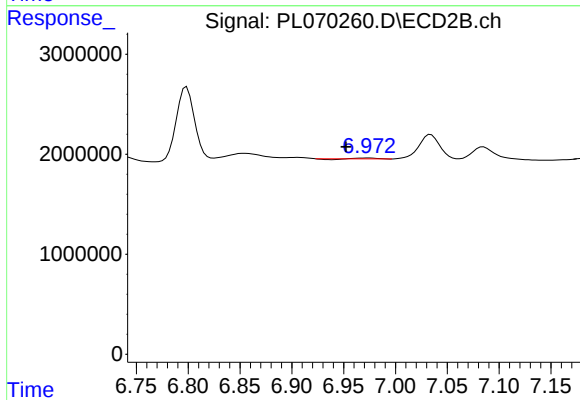
R.T.: 10.560 min
Delta R.T.: 0.021 min
Response: 63808
Conc: 0.06 ng/ml



#23 Chlordane-1

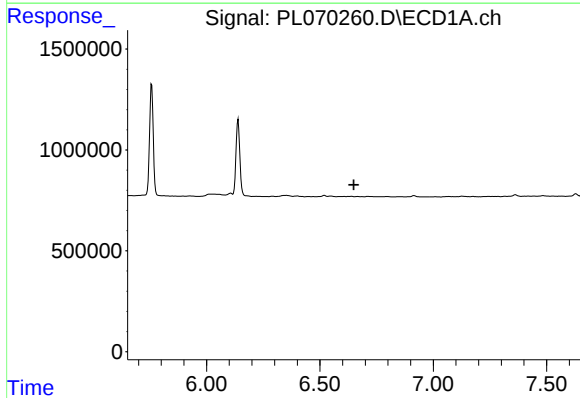
R.T.: 0.000 min
Exp R.T.: 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



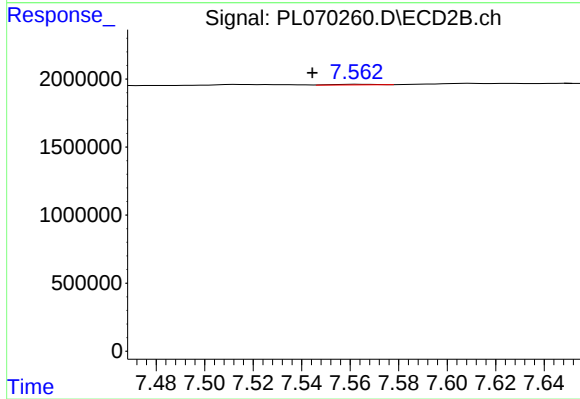
#23 Chlordane-1

R.T.: 6.973 min
Delta R.T.: 0.021 min
Response: 50664
Conc: 1.10 ng/ml



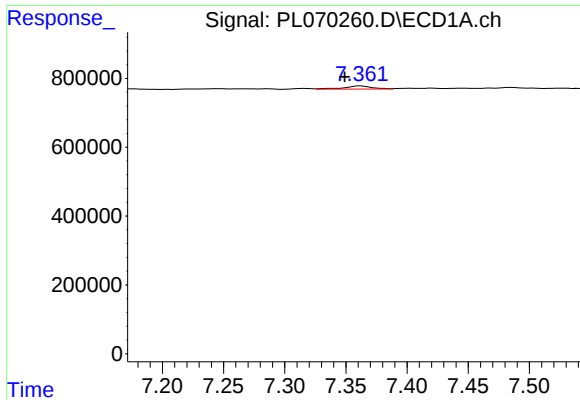
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 6.649 min
Response: 0
Conc: N.D.



#24 Chlordane-2

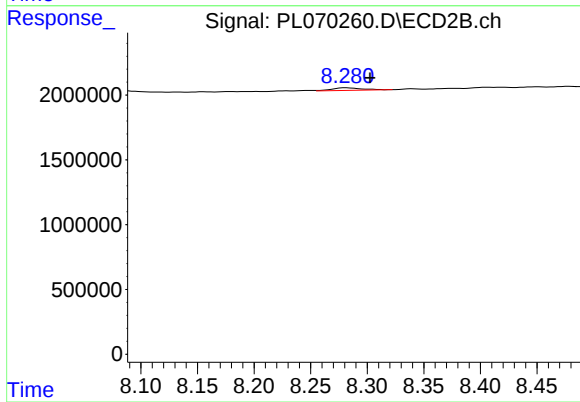
R.T.: 7.564 min
Delta R.T.: 0.020 min
Response: 53525
Conc: 0.99 ng/ml



#25 Chlordane-3

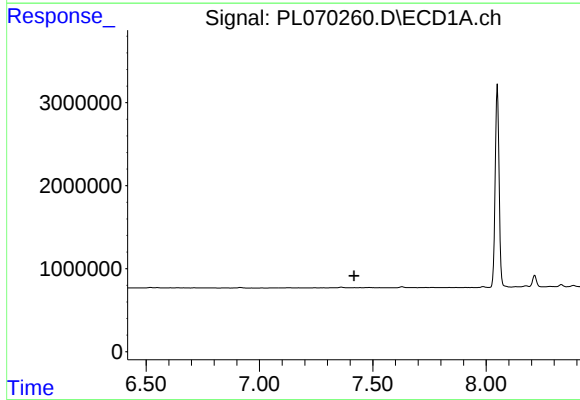
R.T.: 7.362 min
Delta R.T.: 0.013 min
Response: 147120
Conc: 2.15 ng/ml

Instrument :
ECD_L
ClientSampleId :



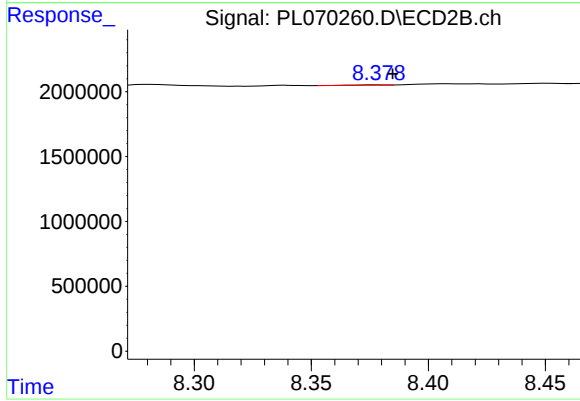
#25 Chlordane-3

R.T.: 8.282 min
Delta R.T.: -0.021 min
Response: 364962
Conc: 1.72 ng/ml



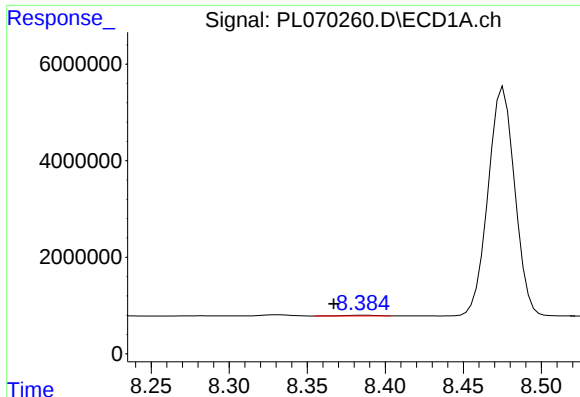
#26 Chlordane-4

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



#26 Chlordane-4

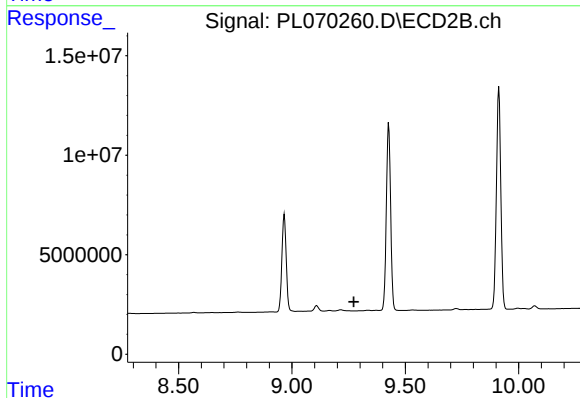
R.T.: 8.379 min
Delta R.T.: -0.006 min
Response: 26357
Conc: 0.10 ng/ml



#27 Chlordane-5

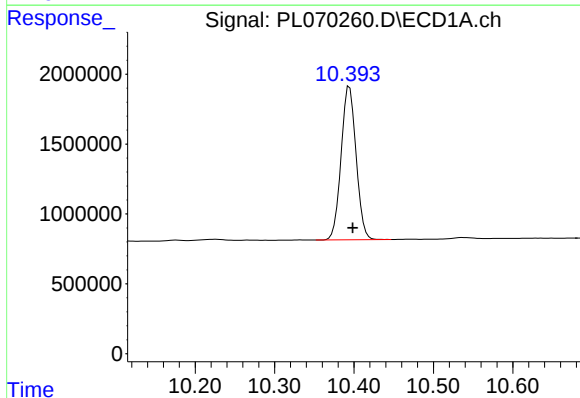
R.T.: 8.385 min
Delta R.T.: 0.018 min
Response: 159173
Conc: 8.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



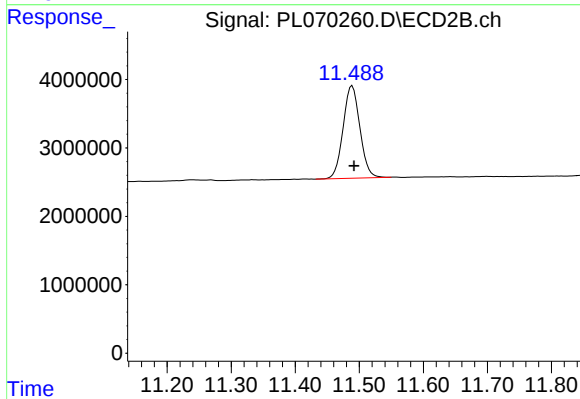
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 9.273 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.394 min
Delta R.T.: -0.004 min
Response: 14383739
Conc: 20.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.489 min
Delta R.T.: -0.003 min
Response: 24591248
Conc: 20.32 ng/ml