

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092723\
 Data File : PL085531.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2023 08:51
 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: Sep 27 21:31:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 26 01:26:21 2023
 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...	3.416	2.652	50791210	20519805	19.749	18.085
28)	SA Decachlor...	8.946	7.827	44163785	23402316	21.521	19.711
Target Compounds							
2)	A alpha-BHC	3.872	3.155	35744379	14262547	9.785	8.625
3)	MA gamma-BHC...	4.204	3.484	34940986	14273896	9.853	8.902
4)	MA Heptachlor	0.000	3.836	0	48823	N.D.	0.032 #
5)	MB Aldrin	0.000	4.118f	0	97684	N.D.	0.064 #
6)	B beta-BHC	4.406	3.787	16503863	7027165	10.568	10.419
7)	B delta-BHC	4.638	0.000	2831982	0	0.824	N.D. #
8)	B Heptachlo...	5.565	0.000	10992000	0	3.829	N.D. #
9)	A Endosulfan I	5.939	4.990	3759314	1020924	1.376	0.799 #
10)	B gamma-Chl...	5.817	0.000	15779785	0	5.437	N.D. #
11)	B alpha-Chl...	5.892	0.000	2016465	0	0.699	N.D. #
12)	B 4,4'-DDE	6.094f	5.126	-25740	50996	N.D.	0.042
13)	MA Dieldrin	6.217	5.271f	-43434	1052759	N.D.	0.770
14)	MA Endrin	6.456	5.519	114.6E6	57894027	48.075	47.940
15)	B Endosulfa...	6.685	5.798f	12081364	321197	4.624	0.267 #
16)	A 4,4'-DDD	6.592	5.682	7789413	275134	3.884	0.274 #
17)	MA 4,4'-DDT	6.919	5.934	225.2E6	116.8E6	107.254	108.738
18)	B Endrin al...	6.810	6.002	6497132	3959096	3.603	4.027
19)	B Endosulfa...	0.000	6.228	0	12311	N.D.	0.011 #
20)	A Methoxychlor	7.404	6.520	302.8E6	151.4E6	227.331	238.718
21)	B Endrin ke...	7.529	6.727	5215820	6435084	2.093	4.111 #
22)	Mirex	0.000	6.891f	0	223401	N.D.	0.198 #
25)	Chlordane-3	5.817	0.000	15779785	0	39.271	N.D. #
26)	Chlordane-4	5.892	0.000	2016465	0	4.120	N.D. #
27)	Chlordane-5	6.748	5.603	2639131	-40537	28.595	N.D. #

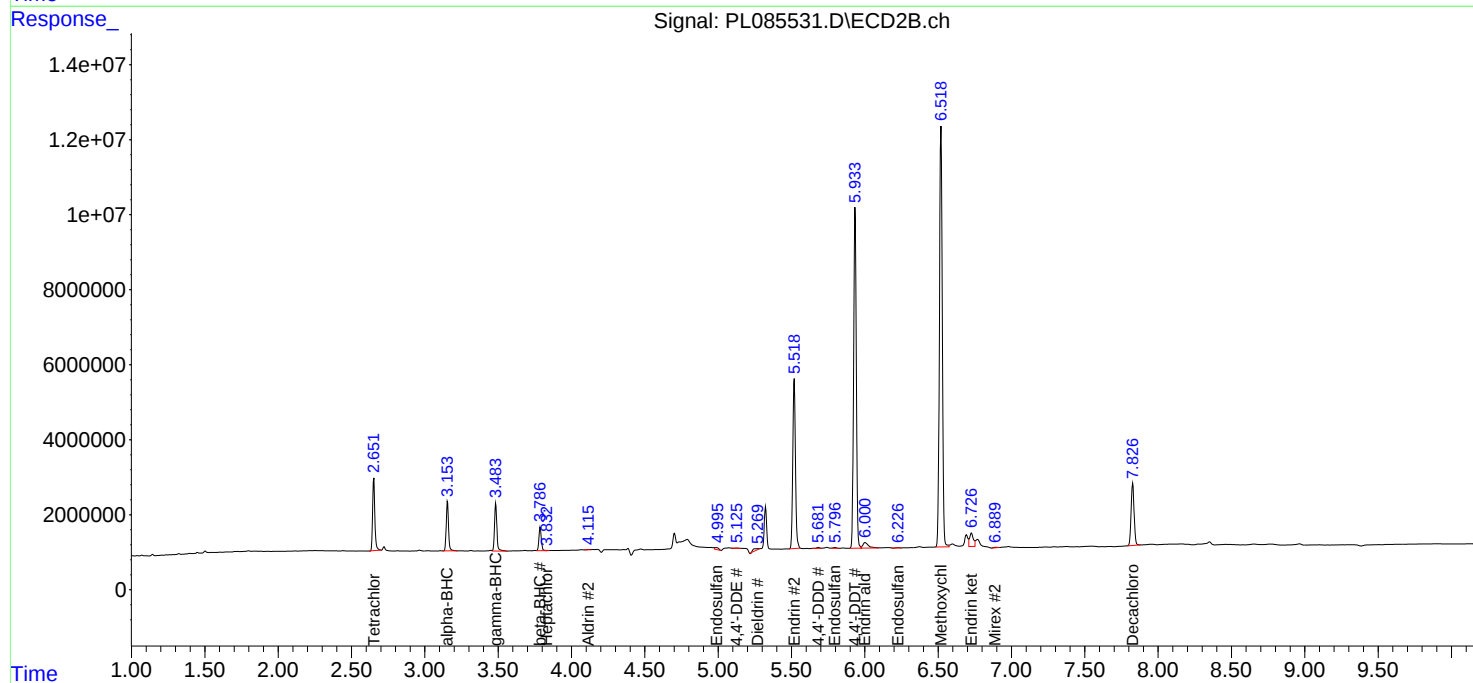
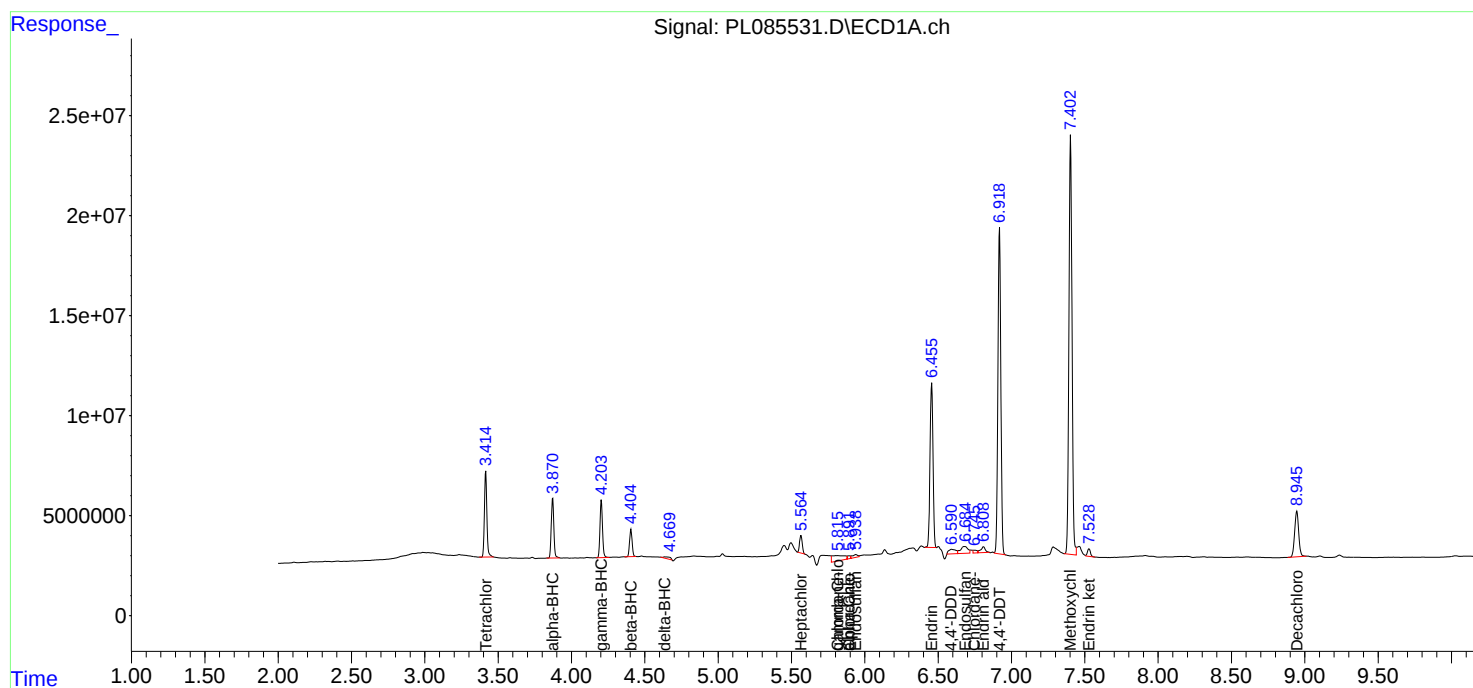
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

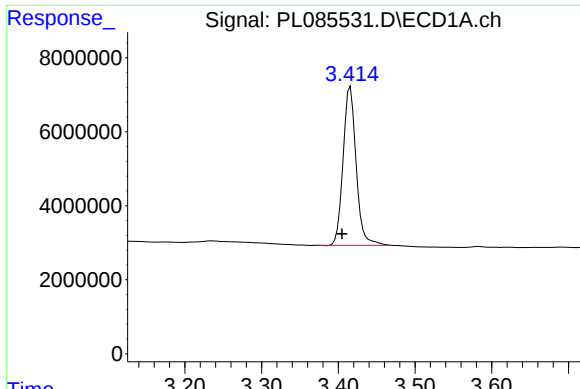
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092723\
Data File : PL085531.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Sep 2023 08:51
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 21:31:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
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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

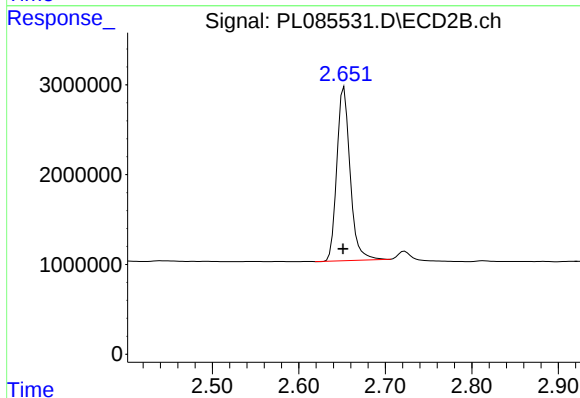




#1 Tetrachloro-m-xylene

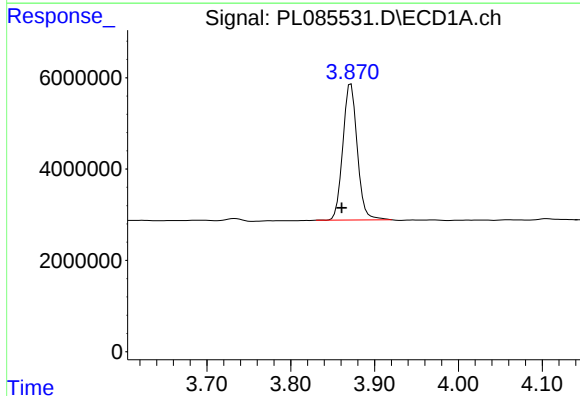
R.T.: 3.416 min
Delta R.T.: 0.011 min
Response: 50791210
Conc: 19.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



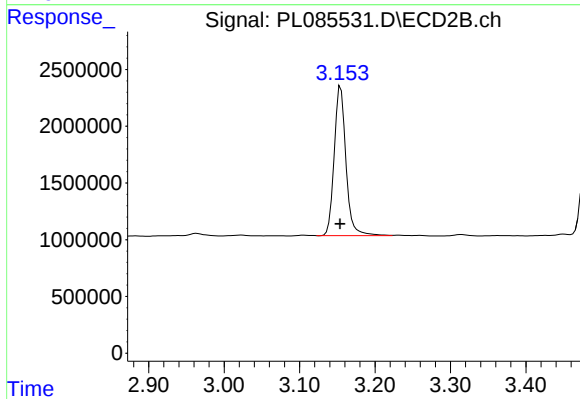
#1 Tetrachloro-m-xylene

R.T.: 2.652 min
Delta R.T.: 0.001 min
Response: 20519805
Conc: 18.08 ng/ml



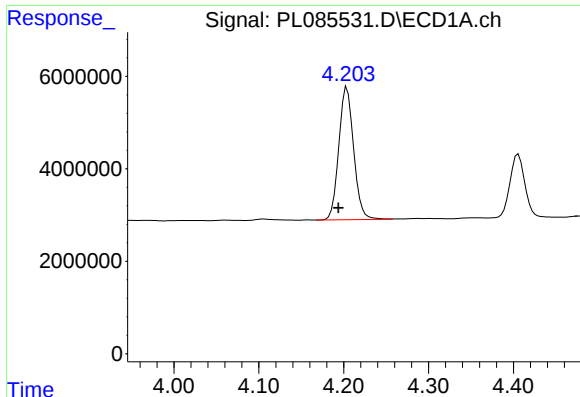
#2 alpha-BHC

R.T.: 3.872 min
Delta R.T.: 0.011 min
Response: 35744379
Conc: 9.79 ng/ml



#2 alpha-BHC

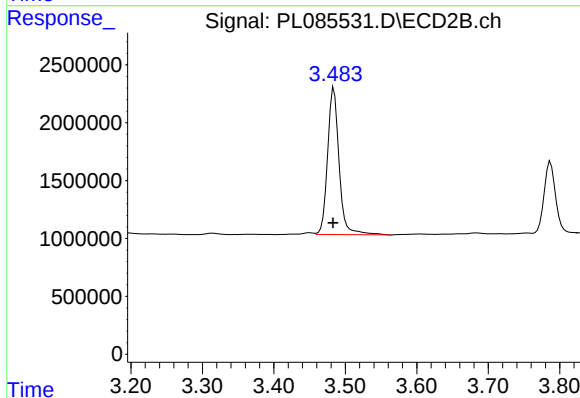
R.T.: 3.155 min
Delta R.T.: 0.000 min
Response: 14262547
Conc: 8.62 ng/ml



#3 gamma-BHC (Lindane)

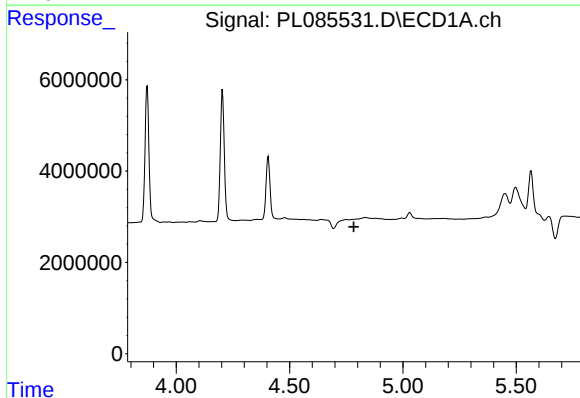
R.T.: 4.204 min
Delta R.T.: 0.010 min
Response: 34940986
Conc: 9.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



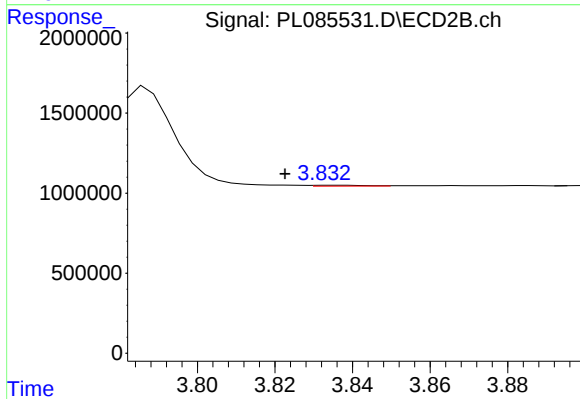
#3 gamma-BHC (Lindane)

R.T.: 3.484 min
Delta R.T.: 0.000 min
Response: 14273896
Conc: 8.90 ng/ml



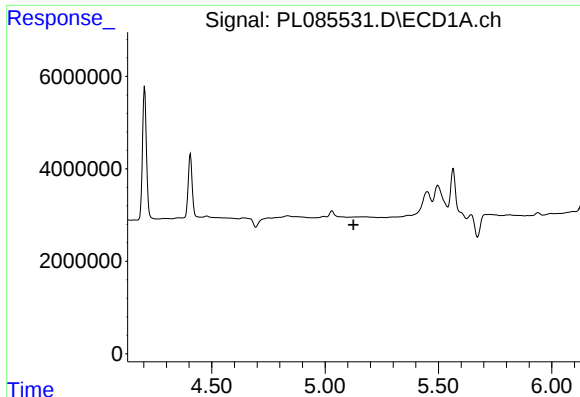
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.784 min
Response: 0
Conc: N.D.



#4 Heptachlor

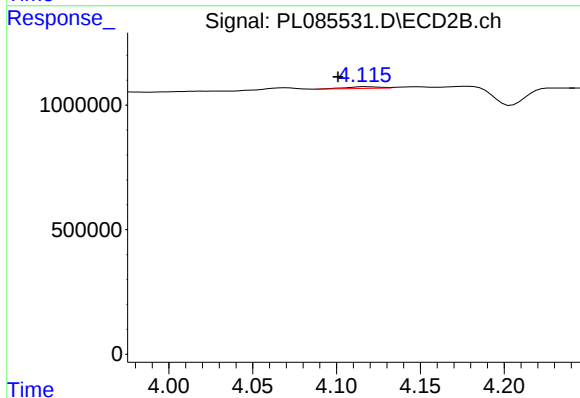
R.T.: 3.836 min
Delta R.T.: 0.013 min
Response: 48823
Conc: 0.03 ng/ml



#5 Aldrin

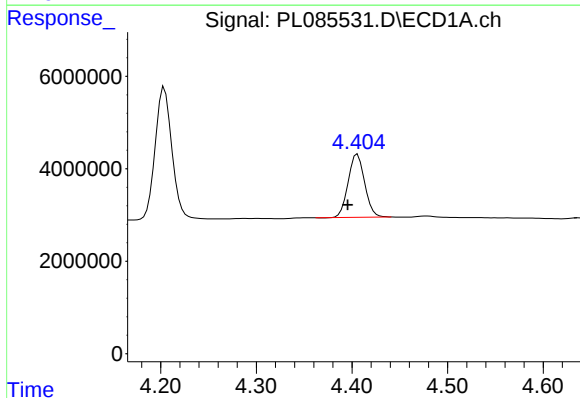
R.T.: 0.000 min
Exp R.T.: 5.125 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



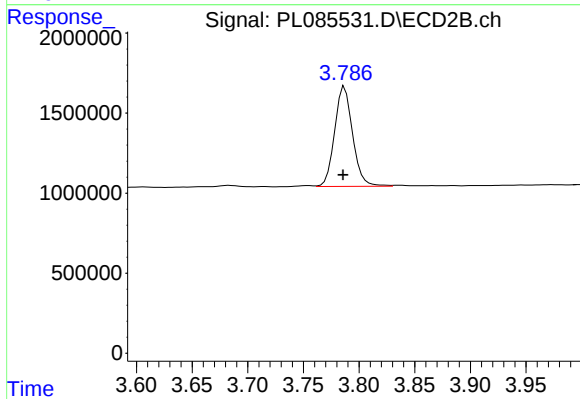
#5 Aldrin

R.T.: 4.118 min
Delta R.T.: 0.017 min
Response: 97684
Conc: 0.06 ng/ml



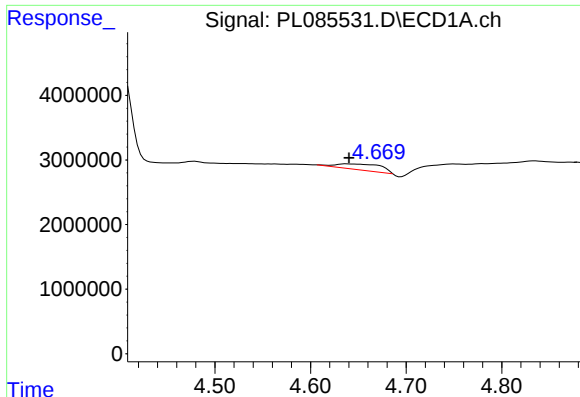
#6 beta-BHC

R.T.: 4.406 min
Delta R.T.: 0.010 min
Response: 16503863
Conc: 10.57 ng/ml



#6 beta-BHC

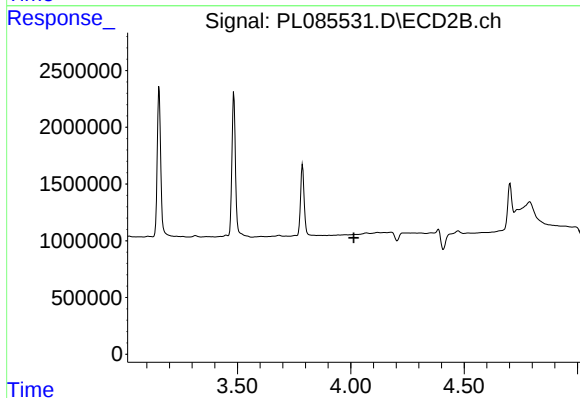
R.T.: 3.787 min
Delta R.T.: 0.001 min
Response: 7027165
Conc: 10.42 ng/ml



#7 delta-BHC

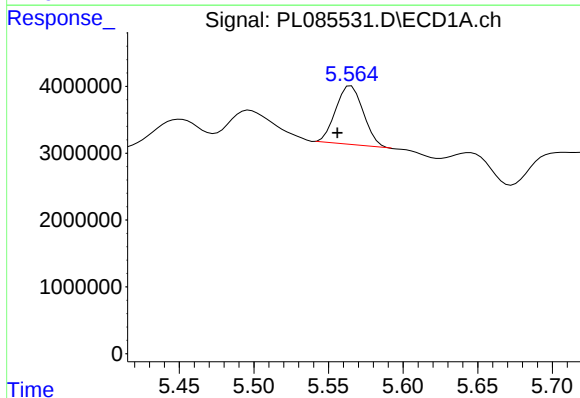
R.T.: 4.638 min
Delta R.T.: -0.003 min
Response: 2831982
Conc: 0.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



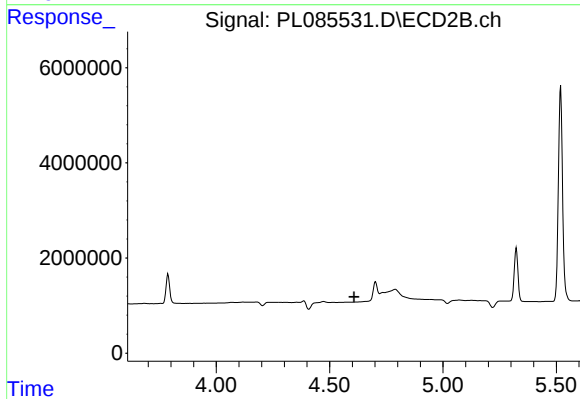
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.013 min
Response: 0
Conc: N.D.



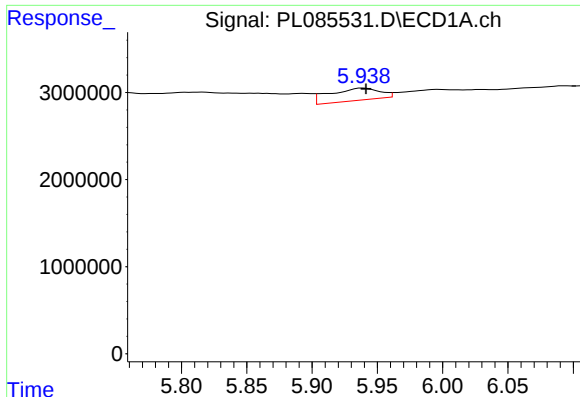
#8 Heptachlor epoxide

R.T.: 5.565 min
Delta R.T.: 0.009 min
Response: 10992000
Conc: 3.83 ng/ml



#8 Heptachlor epoxide

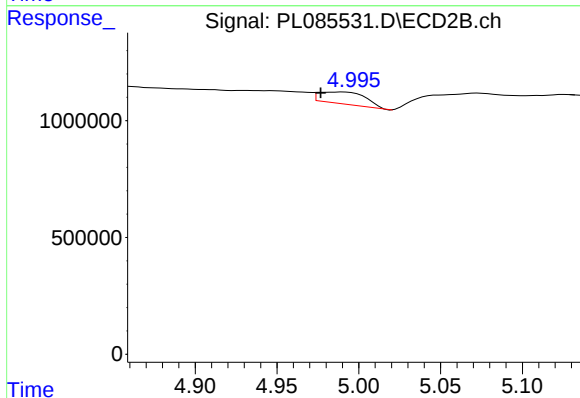
R.T.: 0.000 min
Exp R.T. : 4.607 min
Response: 0
Conc: N.D.



#9 Endosulfan I

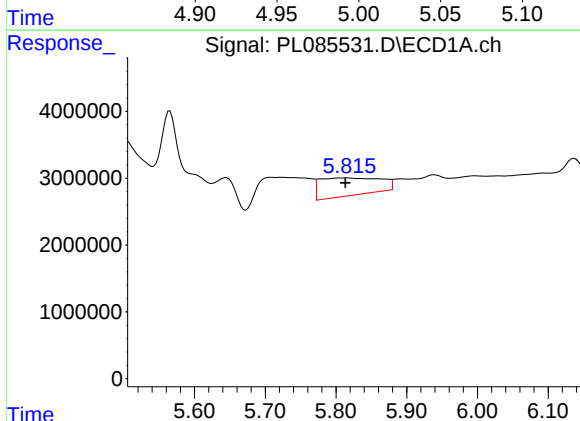
R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 3759314
Conc: 1.38 ng/ml

Instrument :
ECD_L
ClientSampleId :



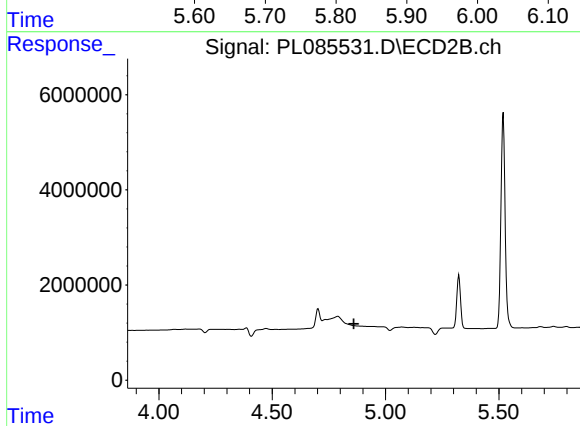
#9 Endosulfan I

R.T.: 4.990 min
Delta R.T.: 0.013 min
Response: 1020924
Conc: 0.80 ng/ml



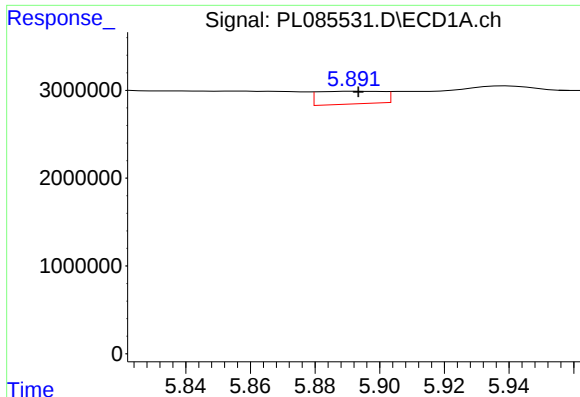
#10 gamma-Chlordane

R.T.: 5.817 min
Delta R.T.: 0.003 min
Response: 15779785
Conc: 5.44 ng/ml



#10 gamma-Chlordane

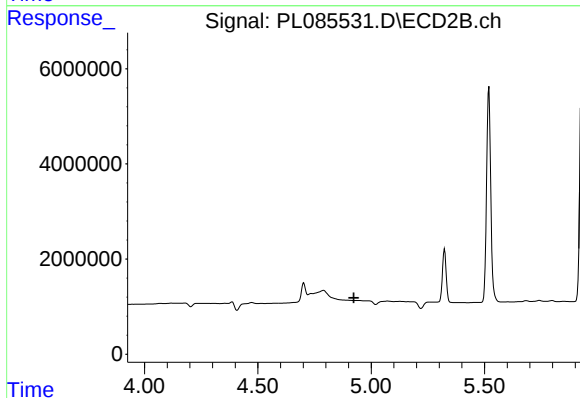
R.T.: 0.000 min
Exp R.T.: 4.860 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

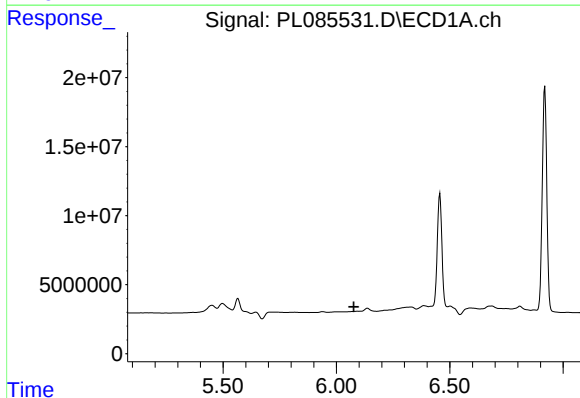
R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 2016465
Conc: 0.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



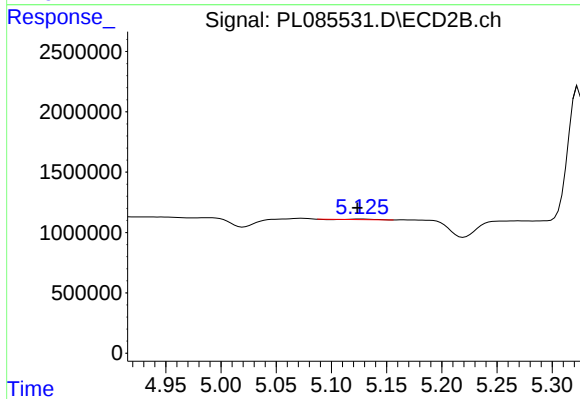
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 4.924 min
Response: 0
Conc: N.D.



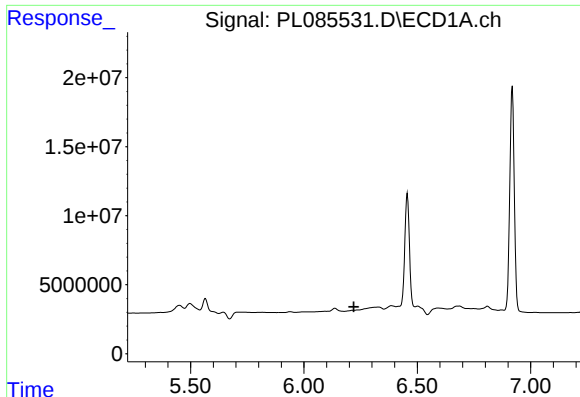
#12 4,4'-DDE

R.T.: 6.094 min
Delta R.T.: 0.017 min
Response: -25740
Conc: N.D.



#12 4,4'-DDE

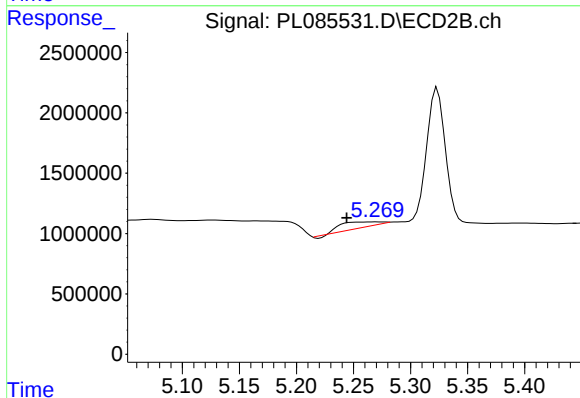
R.T.: 5.126 min
Delta R.T.: 0.002 min
Response: 50996
Conc: 0.04 ng/ml



#13 Dieldrin

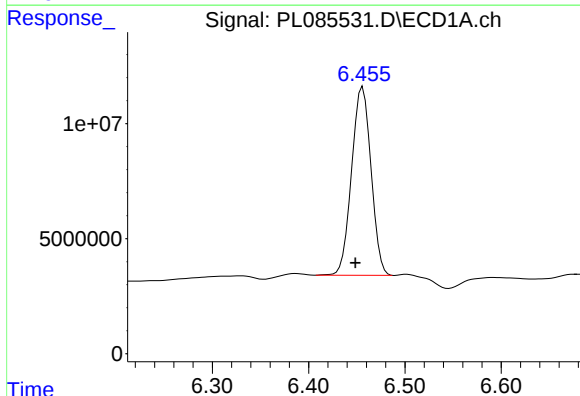
R.T.: 6.217 min
Delta R.T.: -0.003 min
Response: -43434
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



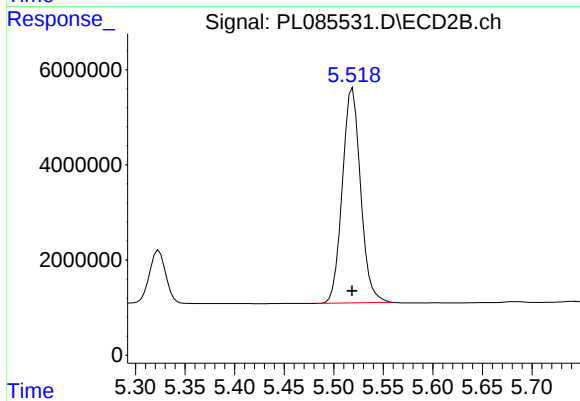
#13 Dieldrin

R.T.: 5.271 min
Delta R.T.: 0.027 min
Response: 1052759
Conc: 0.77 ng/ml



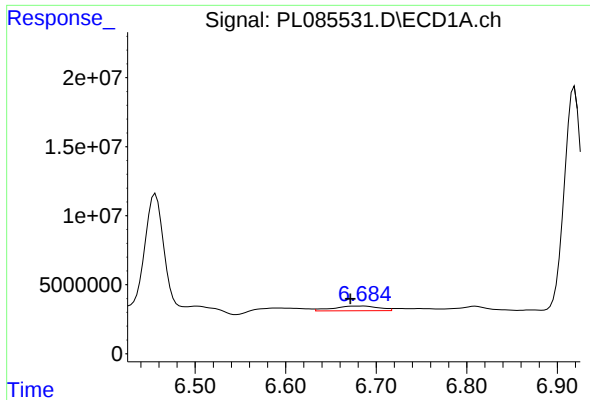
#14 Endrin

R.T.: 6.456 min
Delta R.T.: 0.008 min
Response: 114552245
Conc: 48.08 ng/ml



#14 Endrin

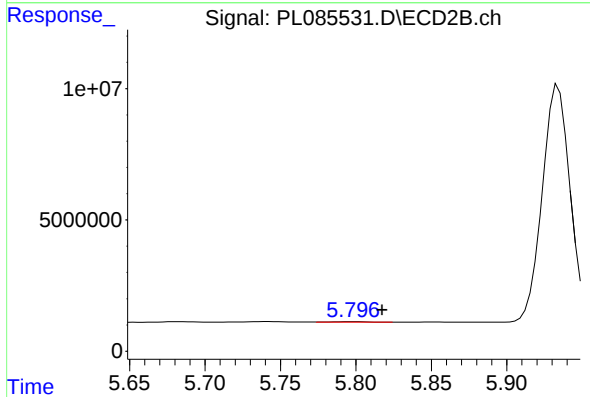
R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 57894027
Conc: 47.94 ng/ml



#15 Endosulfan II

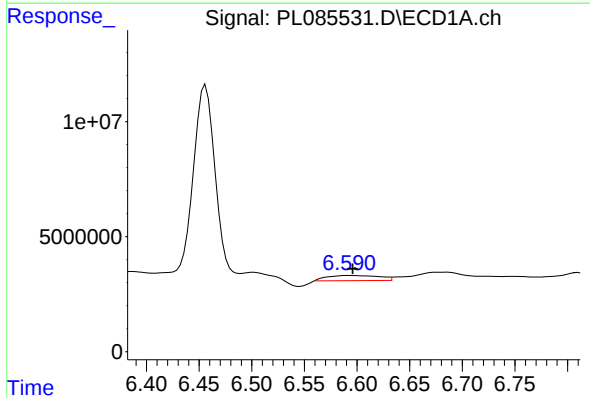
R.T.: 6.685 min
Delta R.T.: 0.013 min
Response: 12081364
Conc: 4.62 ng/ml

Instrument :
ECD_L
ClientSampleId :



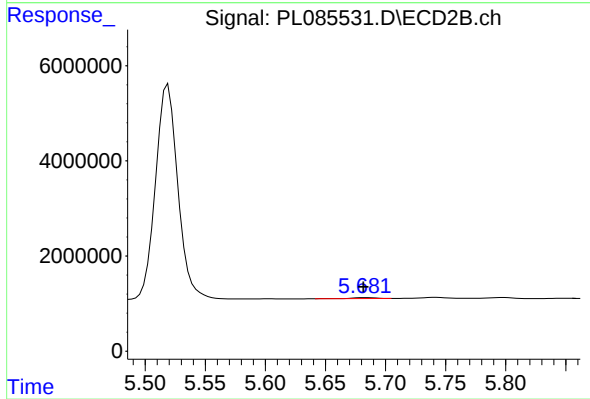
#15 Endosulfan II

R.T.: 5.798 min
Delta R.T.: -0.020 min
Response: 321197
Conc: 0.27 ng/ml



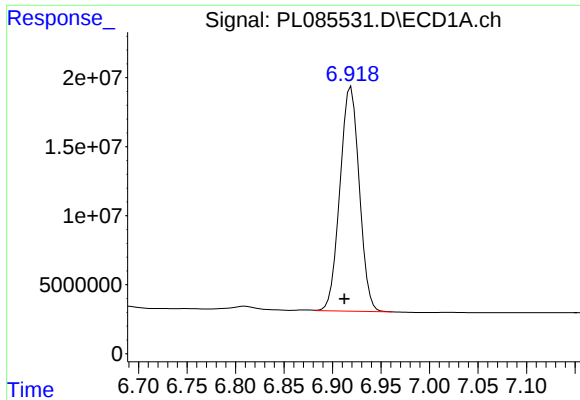
#16 4,4'-DDD

R.T.: 6.592 min
Delta R.T.: -0.004 min
Response: 7789413
Conc: 3.88 ng/ml



#16 4,4'-DDD

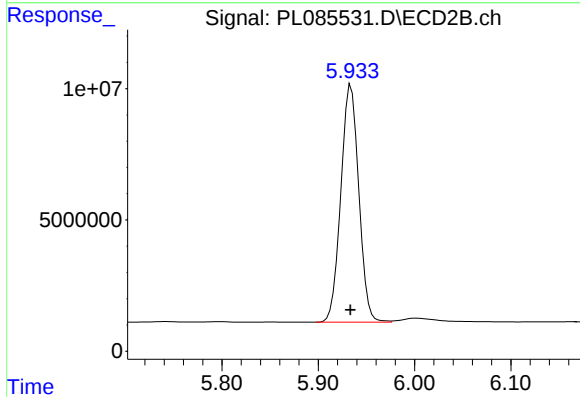
R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 275134
Conc: 0.27 ng/ml



#17 4,4'-DDT

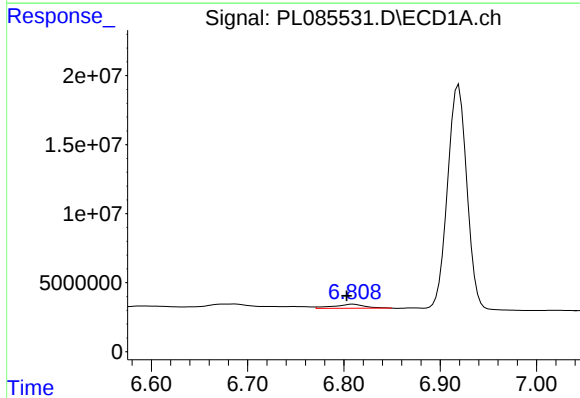
R.T.: 6.919 min
Delta R.T.: 0.007 min
Response: 225174579
Conc: 107.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



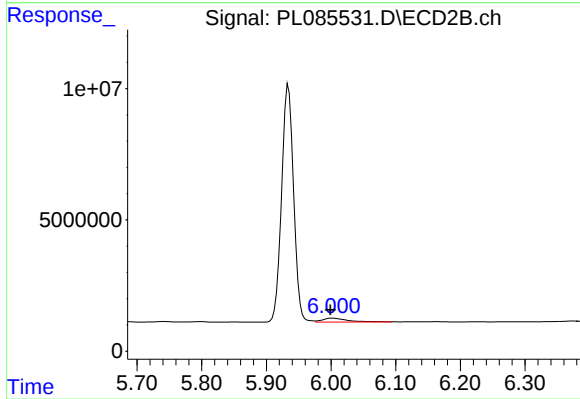
#17 4,4'-DDT

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 116759626
Conc: 108.74 ng/ml



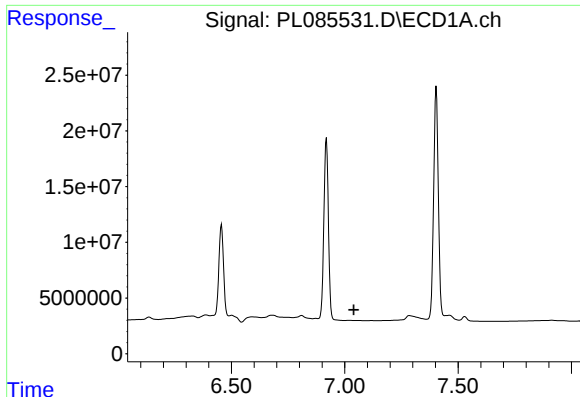
#18 Endrin aldehyde

R.T.: 6.810 min
Delta R.T.: 0.007 min
Response: 6497132
Conc: 3.60 ng/ml



#18 Endrin aldehyde

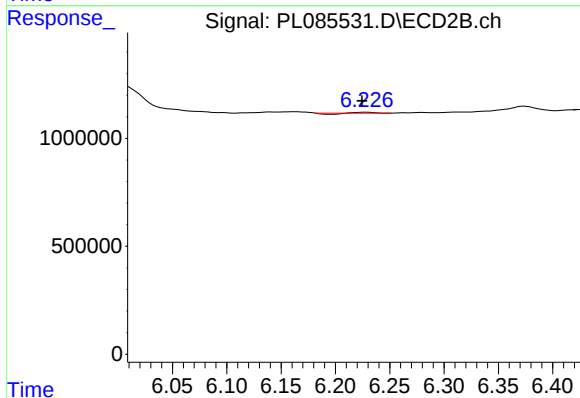
R.T.: 6.002 min
Delta R.T.: 0.002 min
Response: 3959096
Conc: 4.03 ng/ml



#19 Endosulfan Sulfate

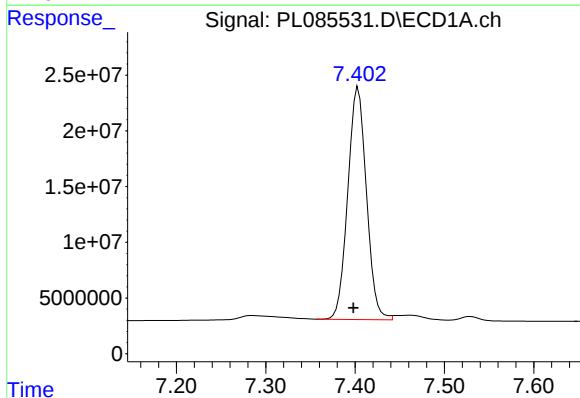
R.T.: 0.000 min
Exp R.T.: 7.040 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



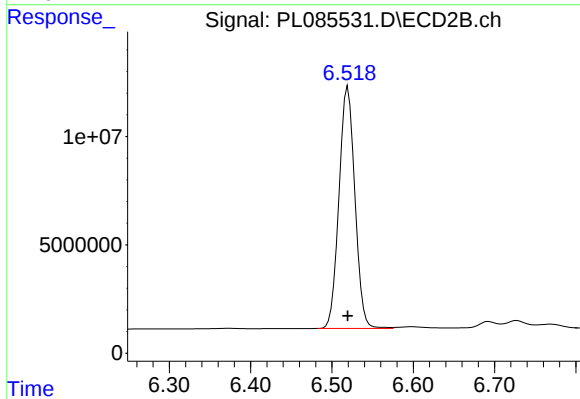
#19 Endosulfan Sulfate

R.T.: 6.228 min
Delta R.T.: 0.003 min
Response: 12311
Conc: 0.01 ng/ml



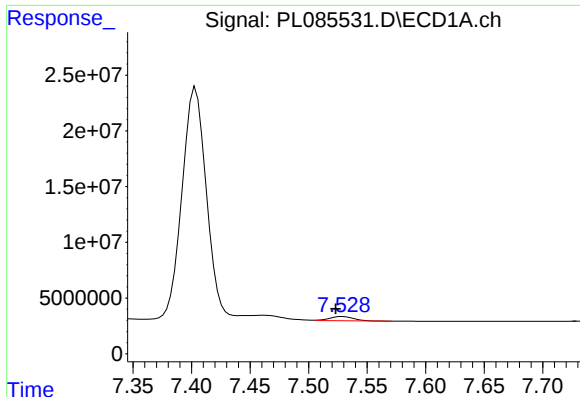
#20 Methoxychlor

R.T.: 7.404 min
Delta R.T.: 0.005 min
Response: 302807026
Conc: 227.33 ng/ml



#20 Methoxychlor

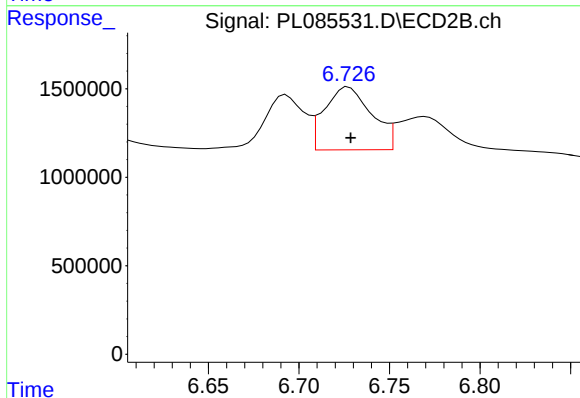
R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 151355750
Conc: 238.72 ng/ml



#21 Endrin ketone

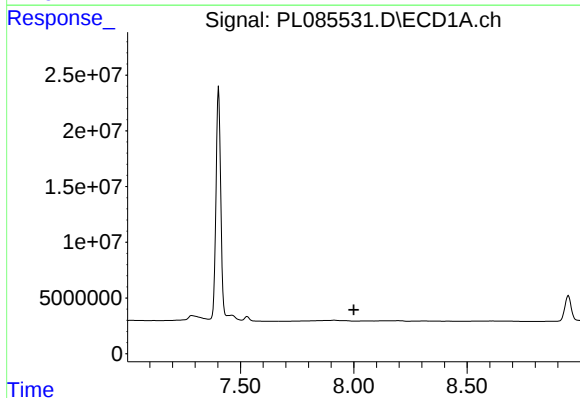
R.T.: 7.529 min
Delta R.T.: 0.006 min
Response: 5215820
Conc: 2.09 ng/ml

Instrument :
ECD_L
ClientSampleId :



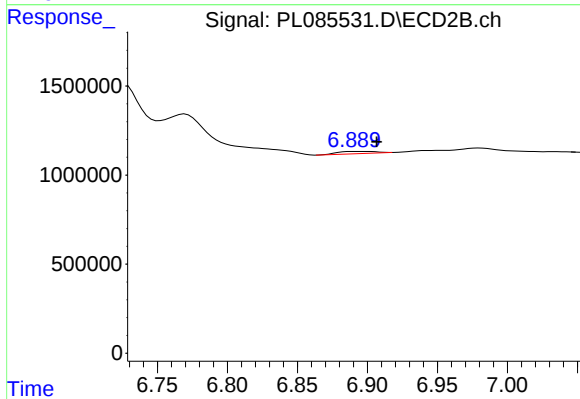
#21 Endrin ketone

R.T.: 6.727 min
Delta R.T.: -0.001 min
Response: 6435084
Conc: 4.11 ng/ml



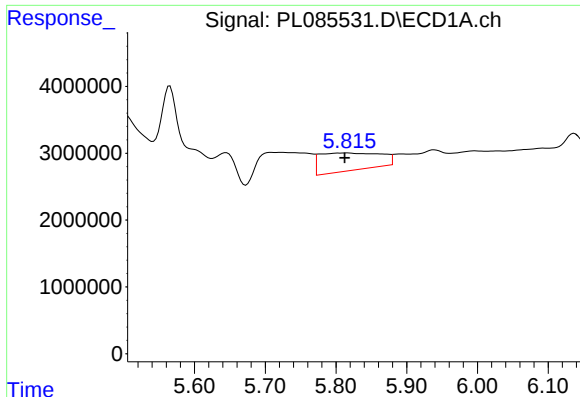
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.000 min
Response: 0
Conc: N.D.



#22 Mirex

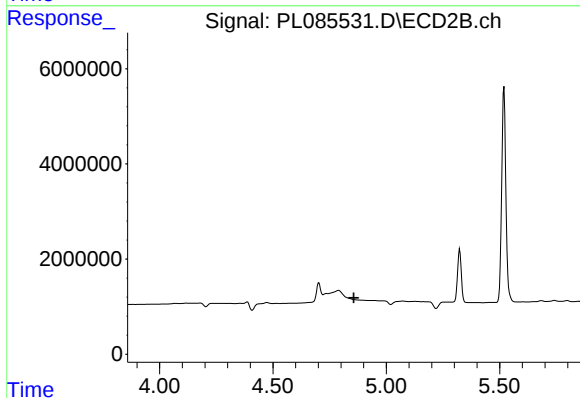
R.T.: 6.891 min
Delta R.T.: -0.016 min
Response: 223401
Conc: 0.20 ng/ml



#25 Chlordane-3

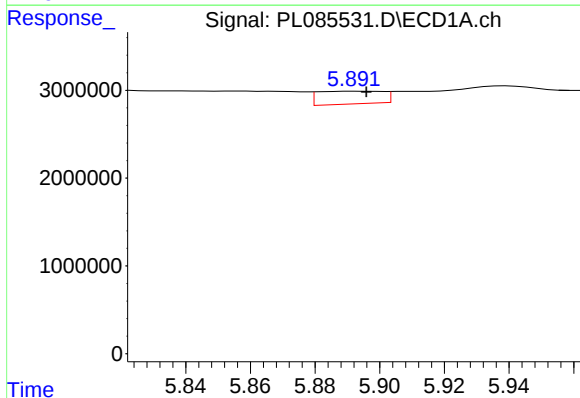
R.T.: 5.817 min
Delta R.T.: 0.004 min
Response: 15779785
Conc: 39.27 ng/ml

Instrument :
ECD_L
ClientSampleId :



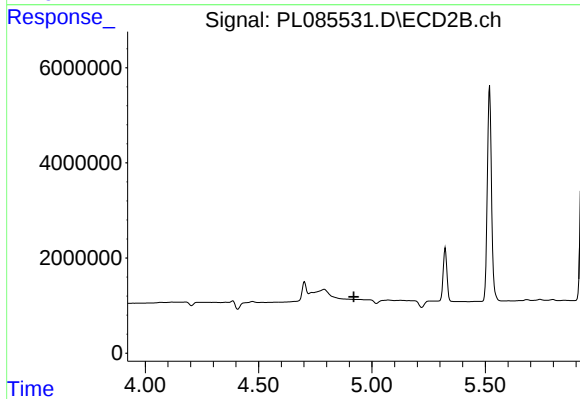
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 4.857 min
Response: 0
Conc: N.D.



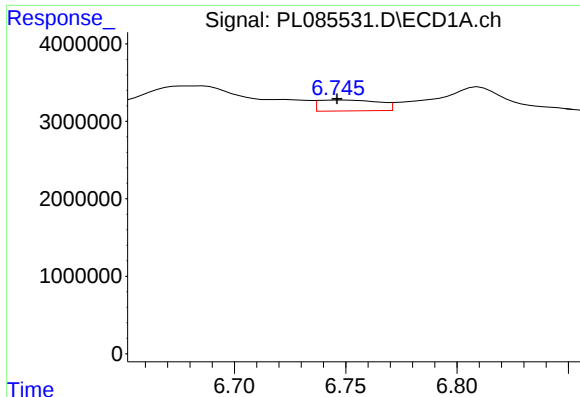
#26 Chlordane-4

R.T.: 5.892 min
Delta R.T.: -0.003 min
Response: 2016465
Conc: 4.12 ng/ml



#26 Chlordane-4

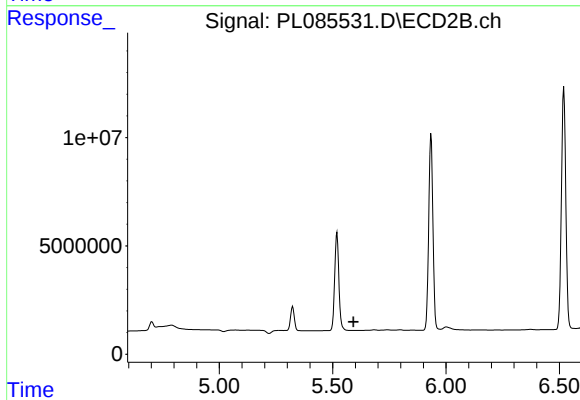
R.T.: 0.000 min
Exp R.T. : 4.920 min
Response: 0
Conc: N.D.



#27 Chlordane-5

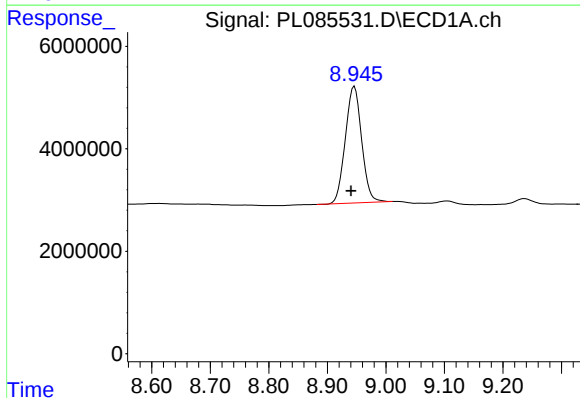
R.T.: 6.748 min
Delta R.T.: 0.002 min
Response: 2639131
Conc: 28.60 ng/ml

Instrument :
ECD_L
ClientSampleId :



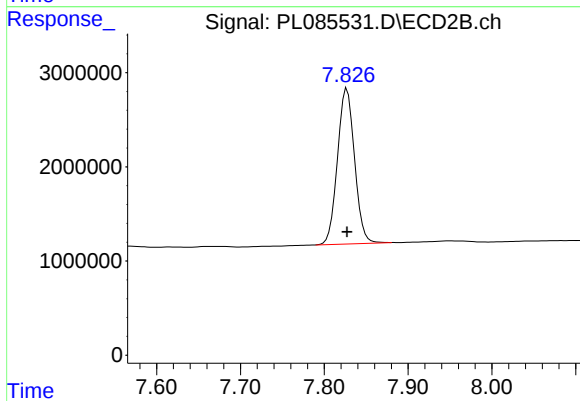
#27 Chlordane-5

R.T.: 5.603 min
Delta R.T.: 0.011 min
Response: -40537
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.946 min
Delta R.T.: 0.005 min
Response: 44163785
Conc: 21.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.827 min
Delta R.T.: 0.000 min
Response: 23402316
Conc: 19.71 ng/ml