

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061923\
 Data File : PL083537.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 10:33
 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: Jun 20 04:06:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 17 12:34:26 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...	3.452	2.752	40531270	41877304	18.337	17.978
28)	SA Decachlor...	8.988	7.962	39364282	46138942	20.658	18.785
Target Compounds							
2)	A alpha-BHC	3.908	3.262	27589086	28335136	8.861	8.394
3)	MA gamma-BHC...	4.242	3.595	27719815	27245535	9.724	8.486
4)	MA Heptachlor	4.851f	0.000	80565	0	0.029	N.D. #
5)	MB Aldrin	0.000	4.215	0	214071	N.D.	0.071 #
6)	B beta-BHC	4.440	3.897	14659095	14370698	11.330	9.629
7)	B delta-BHC	0.000	4.158f	0	755747	N.D.	0.234 #
8)	B Heptachlo...	5.606	0.000	169606	0	0.067	N.D. #
9)	A Endosulfan I	5.992	5.122	133008	40044	0.060	0.015 #
10)	B gamma-Chl...	5.874	5.008f	148645	394078	0.062	0.133 #
11)	B alpha-Chl...	5.963f	5.046	135755	203014	0.057	0.069
12)	B 4,4'-DDE	6.123	5.253	439784	253744	0.218	0.099 #
14)	MA Endrin	6.495	5.652	85497127	96561483	48.444	41.836
15)	B Endosulfa...	6.701f	5.920f	26027012	37701506	13.944	15.883
16)	A 4,4'-DDD	6.640	5.812	1068730	1969059	0.626	0.893 #
17)	MA 4,4'-DDT	6.953	6.063	185.3E6	211.5E6	110.051	101.280
18)	B Endrin al...	6.847	6.132	2492114	3694295	1.681	1.955
19)	B Endosulfa...	0.000	6.384f	0	145170	N.D.	0.060 #
20)	A Methoxychlor	7.435	6.648	252.4E6	287.7E6	278.270	238.724
21)	B Endrin ke...	7.567	6.863	6190860	8955407	2.889	3.185
22)	Mirex	0.000	7.033f	0	171528	N.D.	0.071 #
23)	Chlordane-1	0.000	3.755	0	40451	N.D.	0.413 #
24)	Chlordane-2	5.121f	0.000	1472881	0	13.575	N.D. #
25)	Chlordane-3	5.874	5.008f	148645	394078	0.389	1.203 #
26)	Chlordane-4	5.963f	5.046	135755	203014	0.294	0.602 #

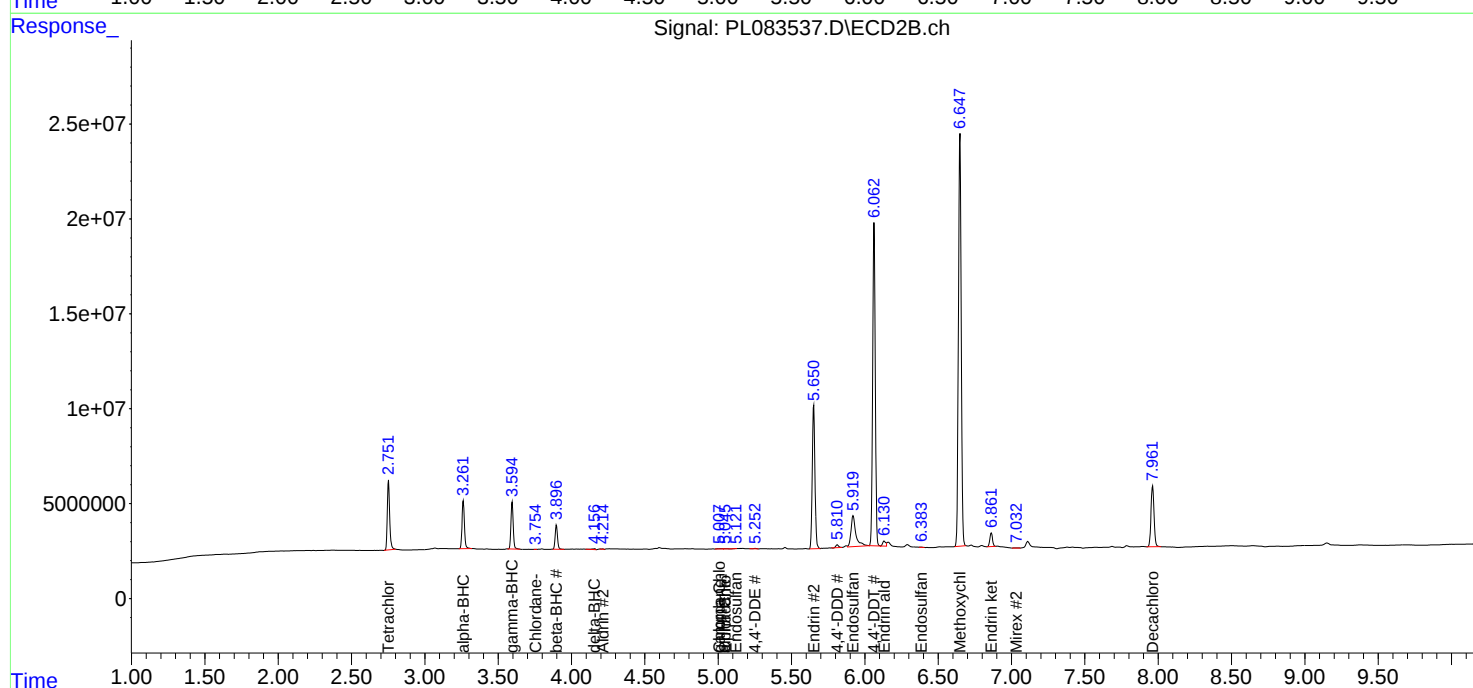
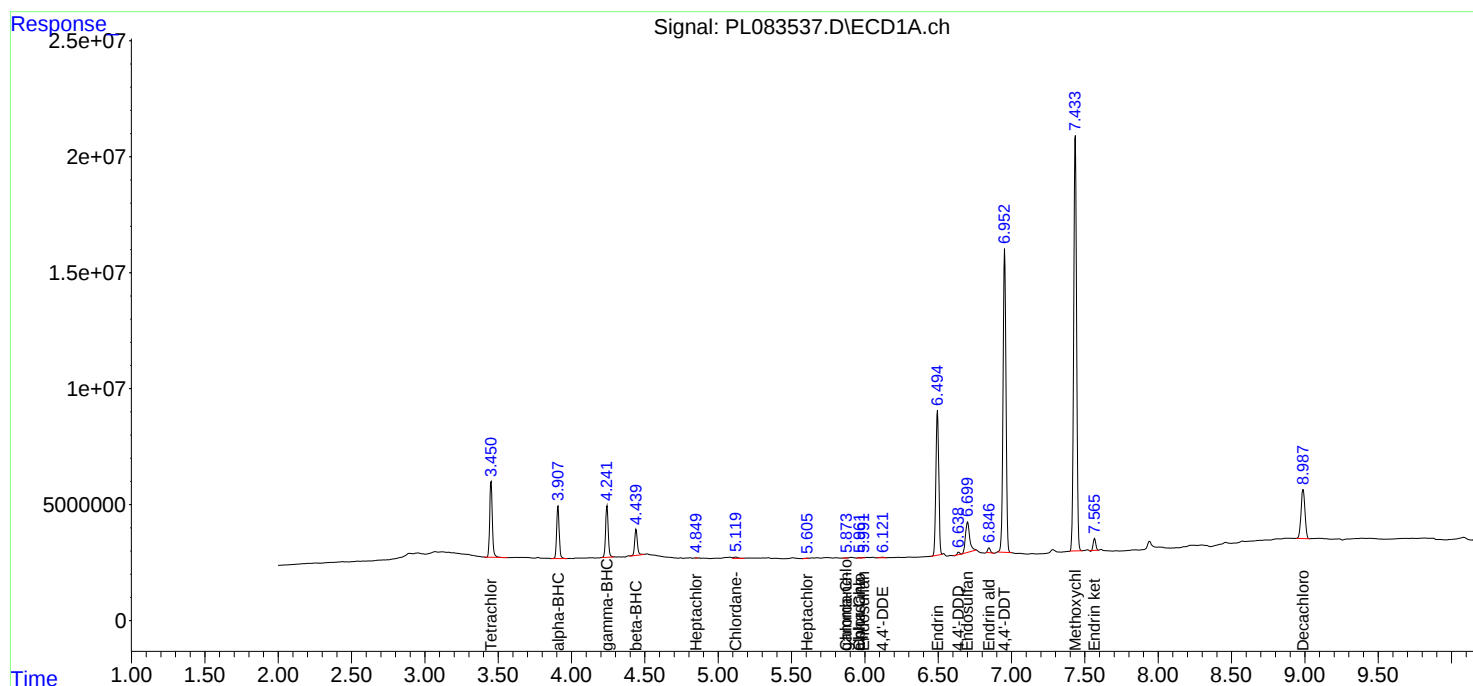
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

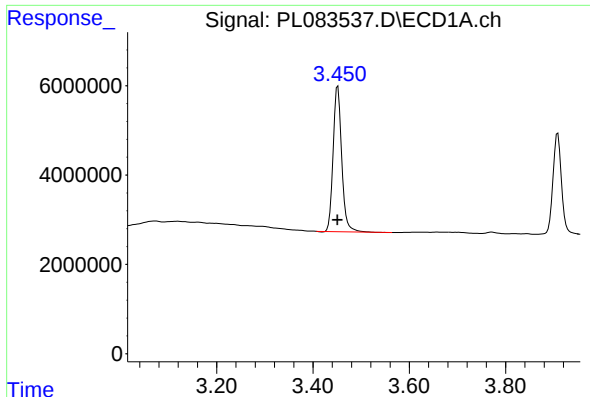
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061923\
Data File : PL083537.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jun 2023 10:33
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 04:06:11 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
Quant Title : GC Extractables
QLast Update : Sat Jun 17 12:34:26 2023
Response via : Initial Calibration
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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

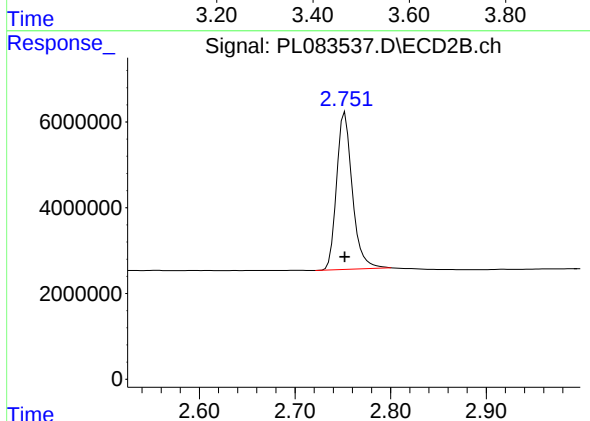




#1 Tetrachloro-m-xylene

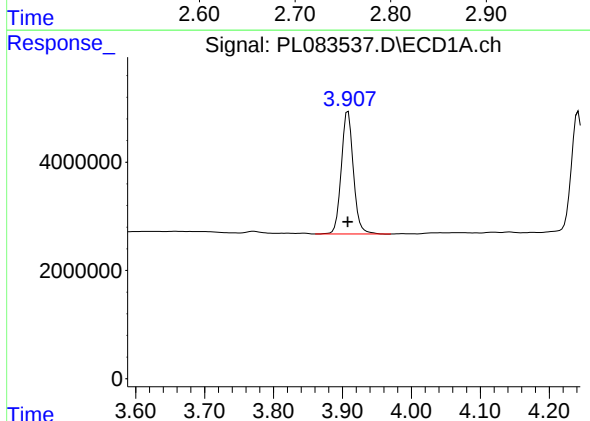
R.T.: 3.452 min
Delta R.T.: 0.000 min
Response: 40531270
Conc: 18.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



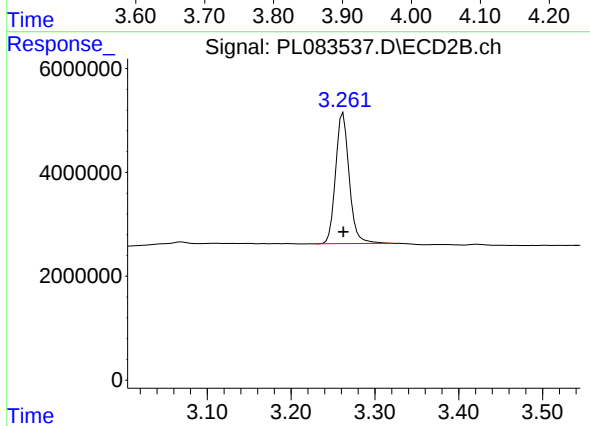
#1 Tetrachloro-m-xylene

R.T.: 2.752 min
Delta R.T.: 0.000 min
Response: 41877304
Conc: 17.98 ng/ml



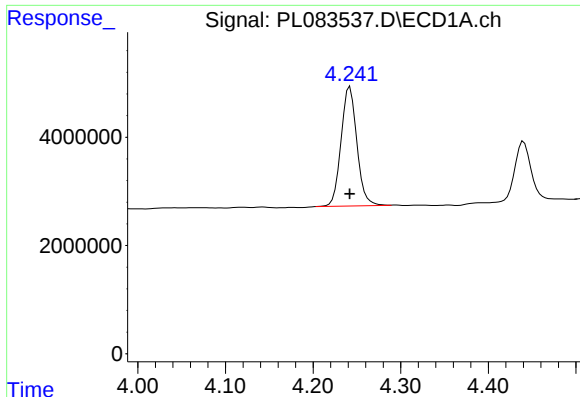
#2 alpha-BHC

R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 27589086
Conc: 8.86 ng/ml



#2 alpha-BHC

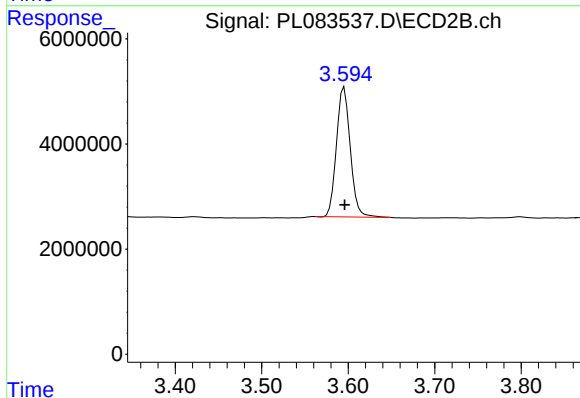
R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 28335136
Conc: 8.39 ng/ml



#3 gamma-BHC (Lindane)

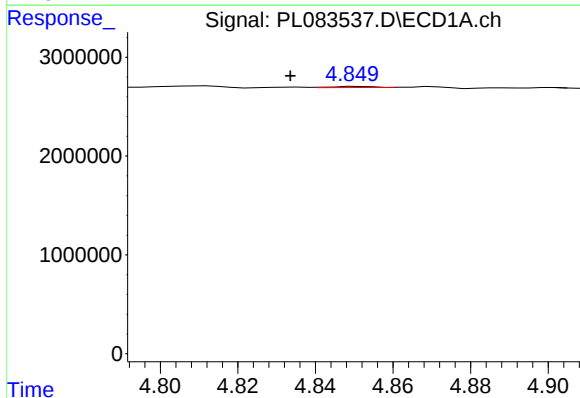
R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 27719815
Conc: 9.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



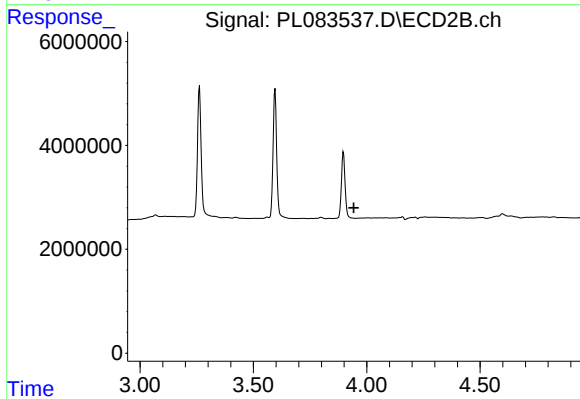
#3 gamma-BHC (Lindane)

R.T.: 3.595 min
Delta R.T.: 0.000 min
Response: 27245535
Conc: 8.49 ng/ml



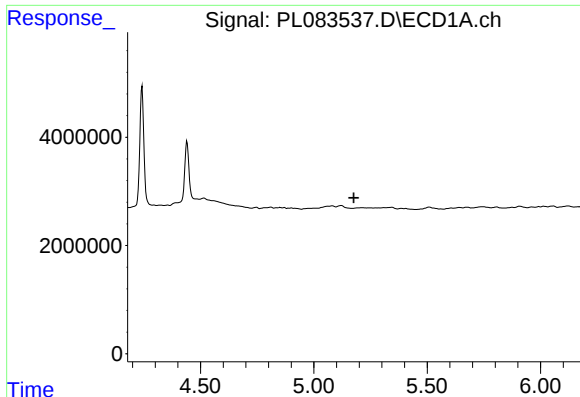
#4 Heptachlor

R.T.: 4.851 min
Delta R.T.: 0.017 min
Response: 80565
Conc: 0.03 ng/ml



#4 Heptachlor

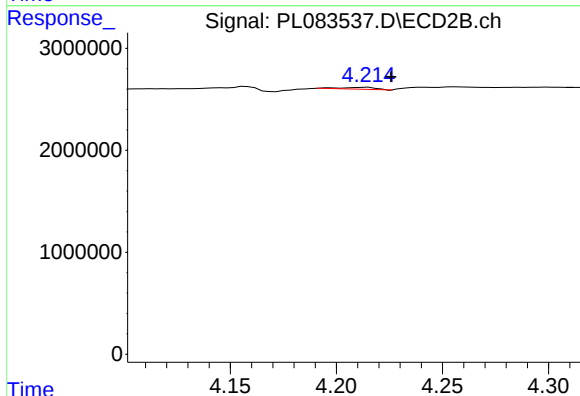
R.T.: 0.000 min
Exp R.T. : 3.943 min
Response: 0
Conc: N.D.



#5 Aldrin

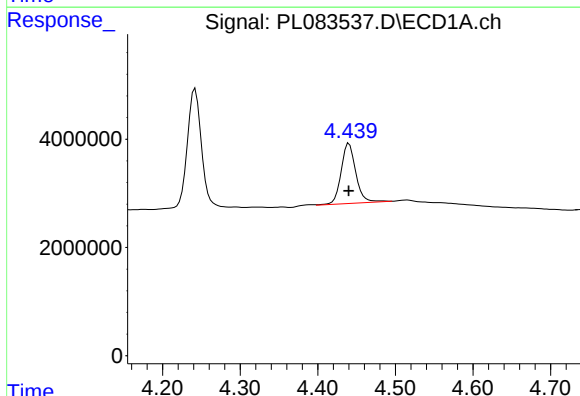
R.T.: 0.000 min
Exp R.T.: 5.176 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



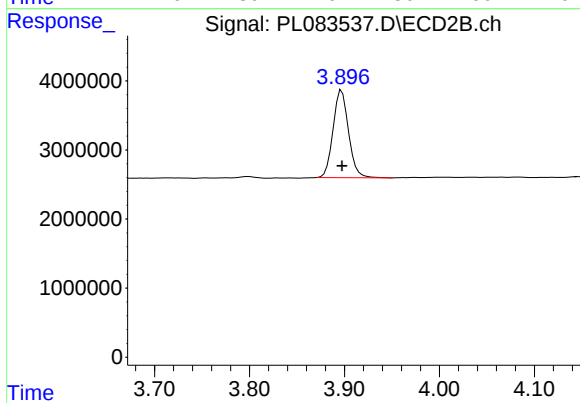
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.011 min
Response: 214071
Conc: 0.07 ng/ml



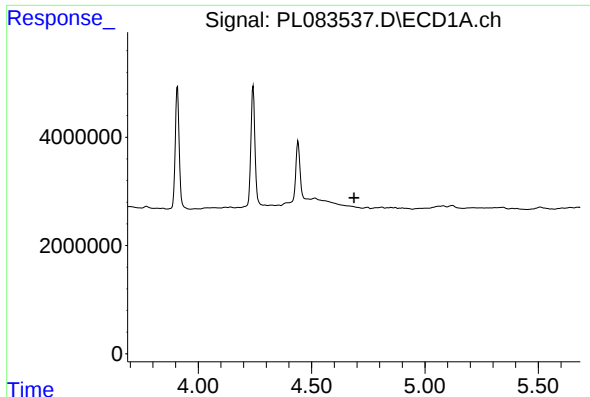
#6 beta-BHC

R.T.: 4.440 min
Delta R.T.: 0.000 min
Response: 14659095
Conc: 11.33 ng/ml



#6 beta-BHC

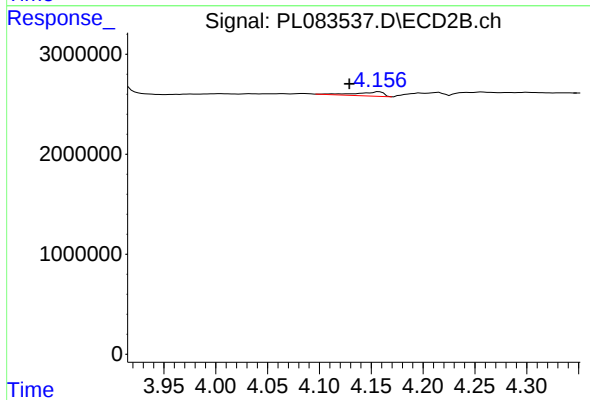
R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 14370698
Conc: 9.63 ng/ml



#7 delta-BHC

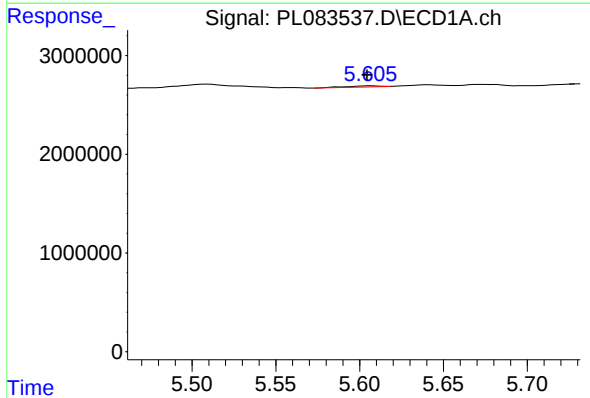
R.T.: 0.000 min
Exp R.T.: 4.687 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



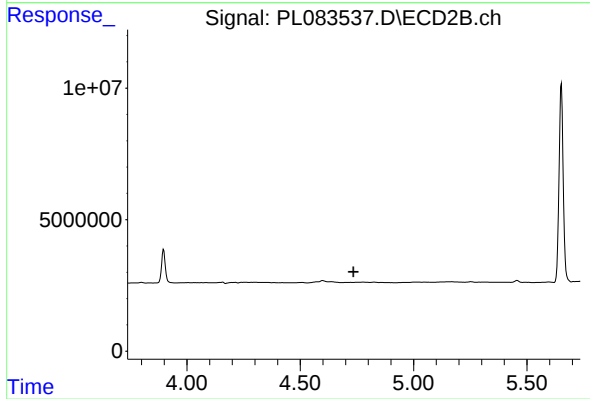
#7 delta-BHC

R.T.: 4.158 min
Delta R.T.: 0.029 min
Response: 755747
Conc: 0.23 ng/ml



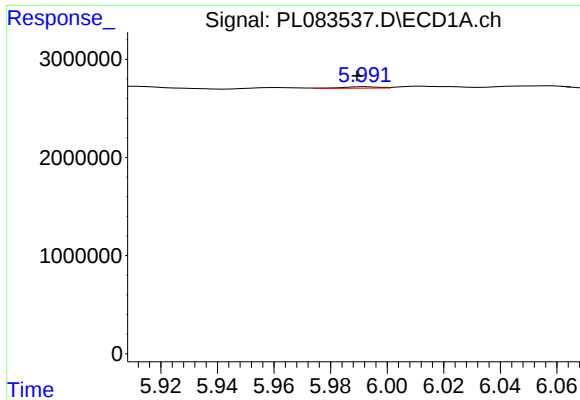
#8 Heptachlor epoxide

R.T.: 5.606 min
Delta R.T.: 0.002 min
Response: 169606
Conc: 0.07 ng/ml



#8 Heptachlor epoxide

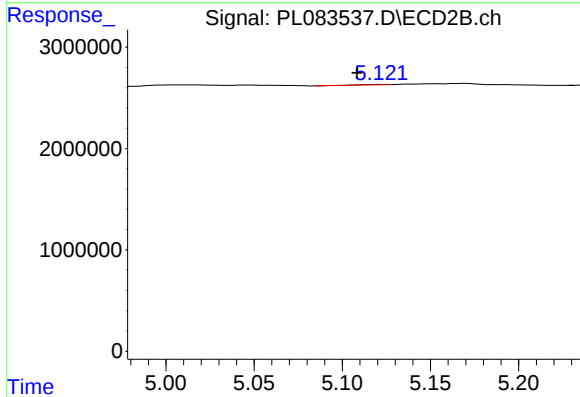
R.T.: 0.000 min
Exp R.T.: 4.735 min
Response: 0
Conc: N.D.



#9 Endosulfan I

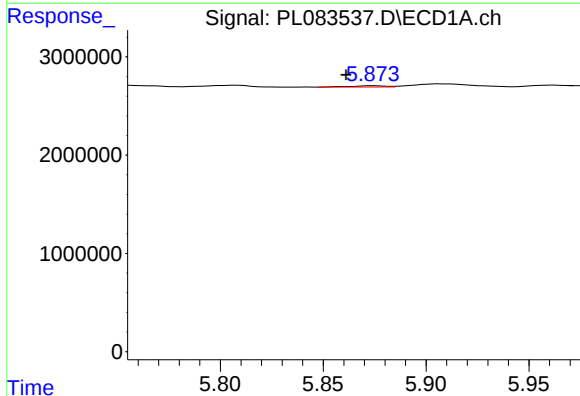
R.T.: 5.992 min
Delta R.T.: 0.003 min
Response: 133008
Conc: 0.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



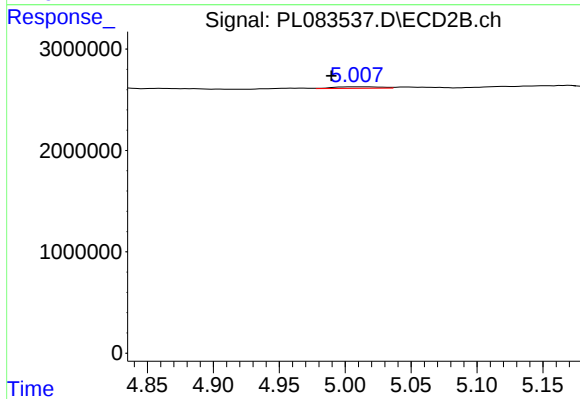
#9 Endosulfan I

R.T.: 5.122 min
Delta R.T.: 0.014 min
Response: 40044
Conc: 0.01 ng/ml



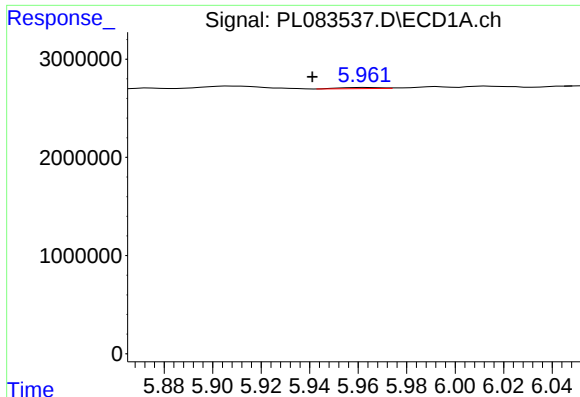
#10 gamma-Chlordane

R.T.: 5.874 min
Delta R.T.: 0.013 min
Response: 148645
Conc: 0.06 ng/ml



#10 gamma-Chlordane

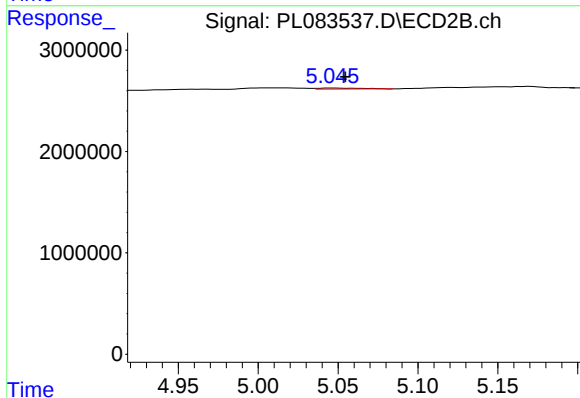
R.T.: 5.008 min
Delta R.T.: 0.018 min
Response: 394078
Conc: 0.13 ng/ml



#11 alpha-Chlordane

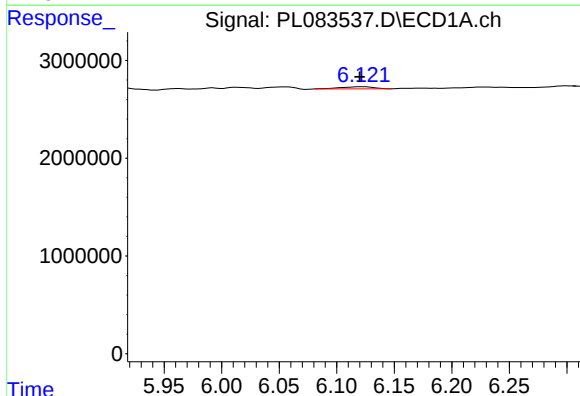
R.T.: 5.963 min
Delta R.T.: 0.022 min
Response: 135755
Conc: 0.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



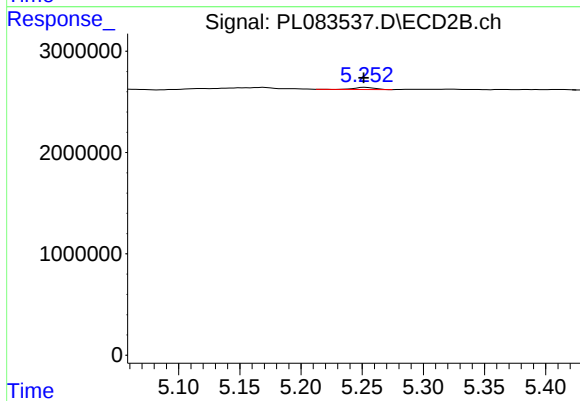
#11 alpha-Chlordane

R.T.: 5.046 min
Delta R.T.: -0.008 min
Response: 203014
Conc: 0.07 ng/ml



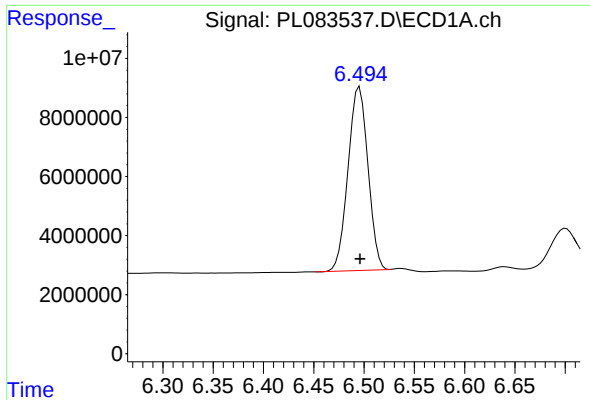
#12 4,4'-DDE

R.T.: 6.123 min
Delta R.T.: 0.003 min
Response: 439784
Conc: 0.22 ng/ml



#12 4,4'-DDE

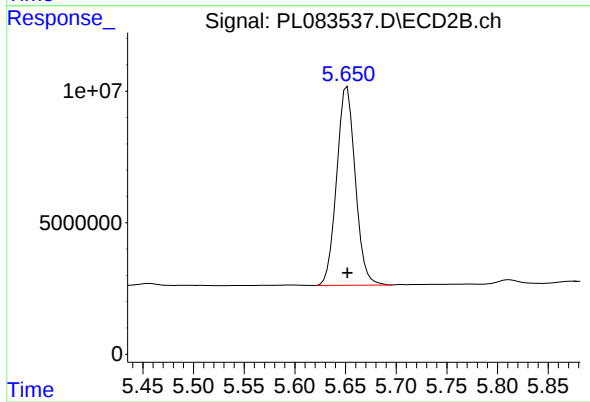
R.T.: 5.253 min
Delta R.T.: 0.002 min
Response: 253744
Conc: 0.10 ng/ml



#14 Endrin

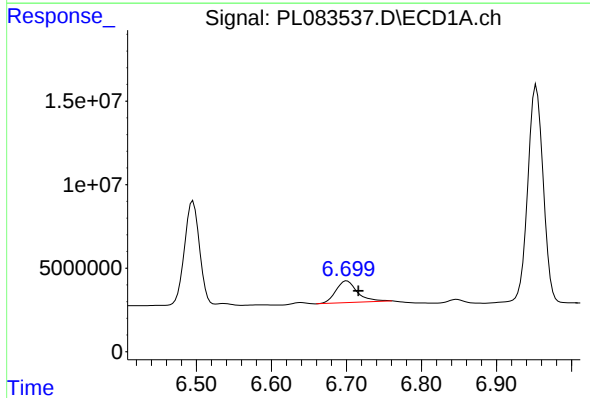
R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 85497127
Conc: 48.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



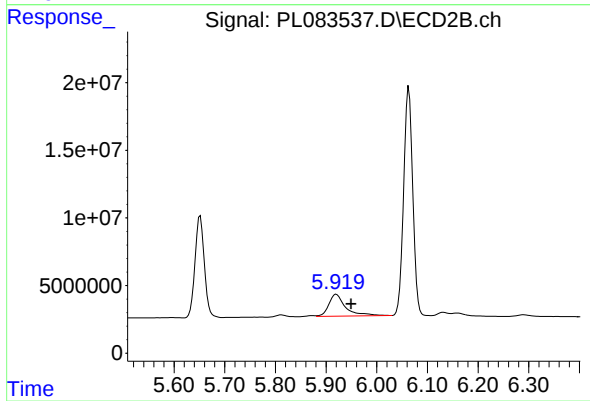
#14 Endrin

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 96561483
Conc: 41.84 ng/ml



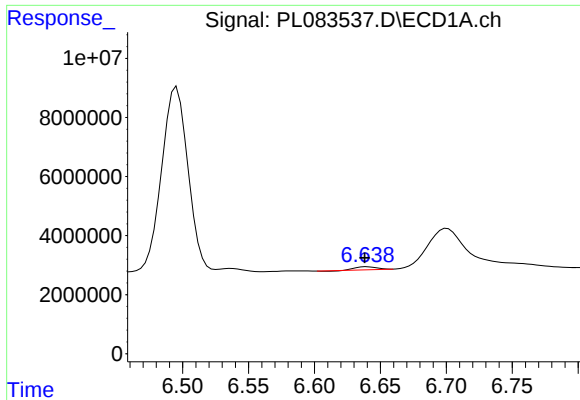
#15 Endosulfan II

R.T.: 6.701 min
Delta R.T.: -0.015 min
Response: 26027012
Conc: 13.94 ng/ml



#15 Endosulfan II

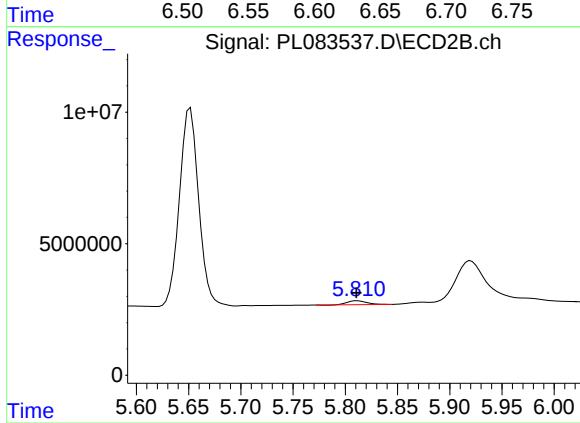
R.T.: 5.920 min
Delta R.T.: -0.029 min
Response: 37701506
Conc: 15.88 ng/ml



#16 4,4'-DDD

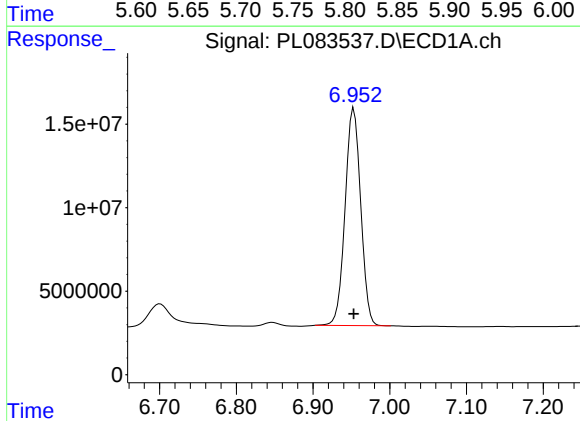
R.T.: 6.640 min
Delta R.T.: 0.002 min
Response: 1068730
Conc: 0.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



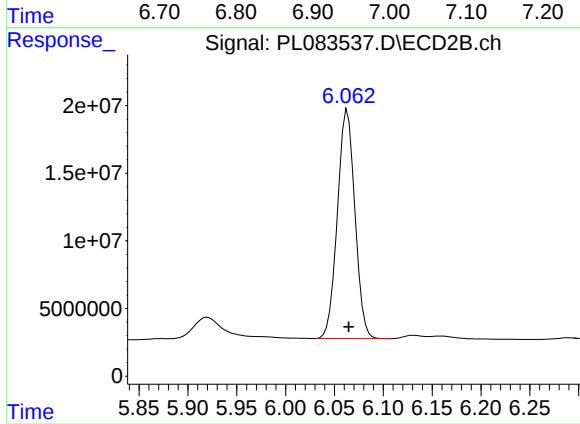
#16 4,4'-DDD

R.T.: 5.812 min
Delta R.T.: 0.001 min
Response: 1969059
Conc: 0.89 ng/ml



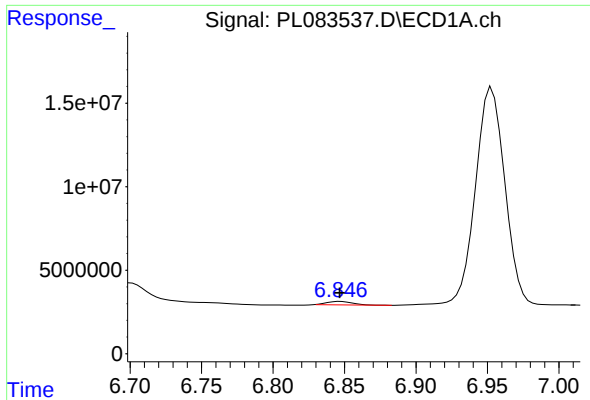
#17 4,4'-DDT

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 185287877
Conc: 110.05 ng/ml



#17 4,4'-DDT

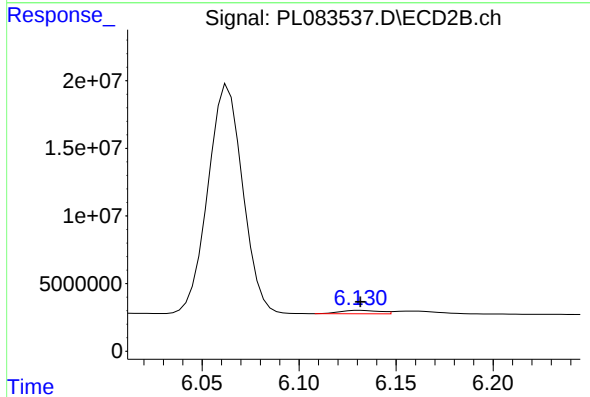
R.T.: 6.063 min
Delta R.T.: -0.001 min
Response: 211457031
Conc: 101.28 ng/ml



#18 Endrin aldehyde

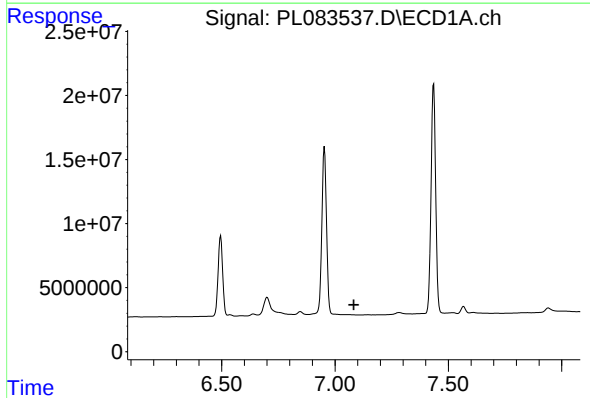
R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 2492114
Conc: 1.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



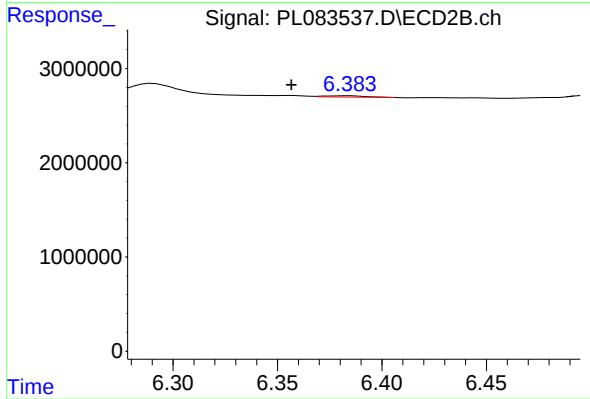
#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 3694295
Conc: 1.95 ng/ml



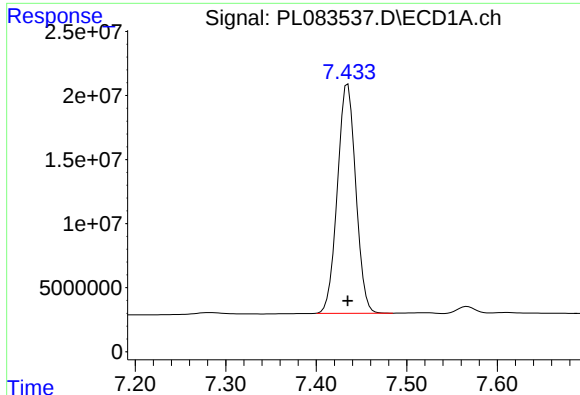
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.083 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

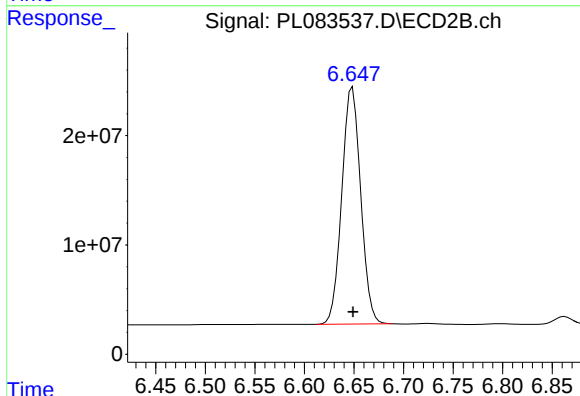
R.T.: 6.384 min
Delta R.T.: 0.028 min
Response: 145170
Conc: 0.06 ng/ml



#20 Methoxychlor

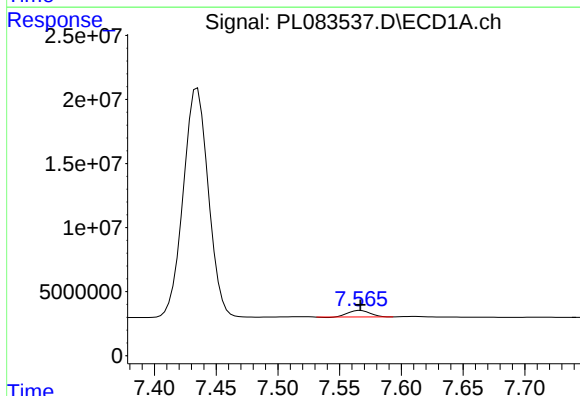
R.T.: 7.435 min
Delta R.T.: 0.000 min
Response: 252407621
Conc: 278.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



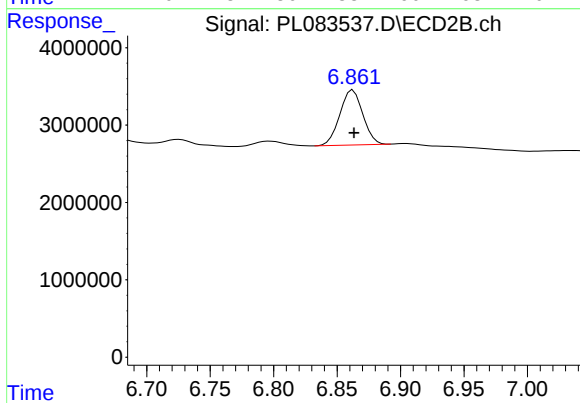
#20 Methoxychlor

R.T.: 6.648 min
Delta R.T.: 0.000 min
Response: 287703808
Conc: 238.72 ng/ml



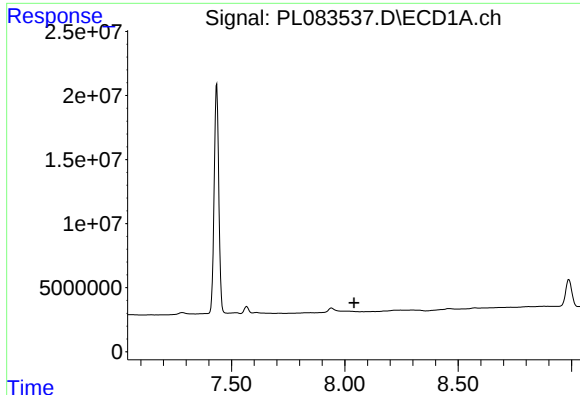
#21 Endrin ketone

R.T.: 7.567 min
Delta R.T.: 0.000 min
Response: 6190860
Conc: 2.89 ng/ml



#21 Endrin ketone

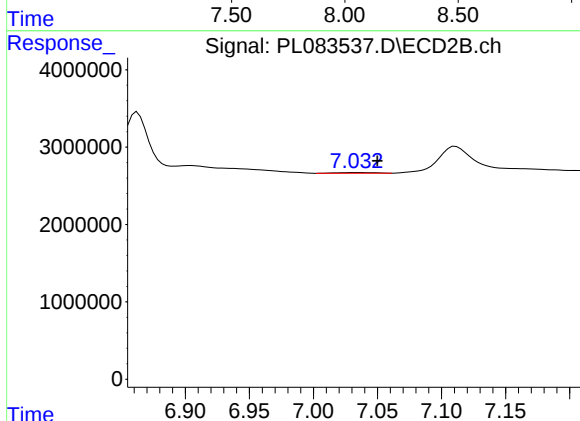
R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 8955407
Conc: 3.19 ng/ml



#22 Mirex

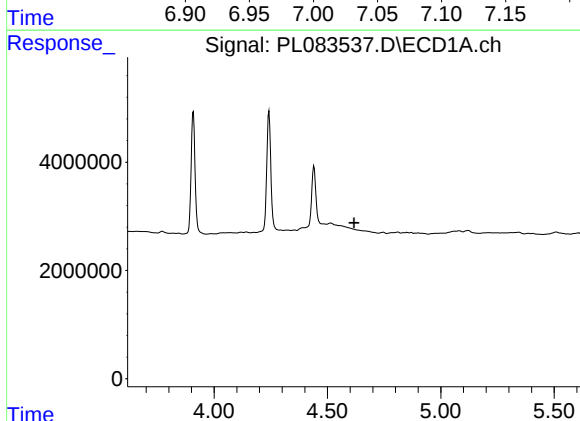
R.T.: 0.000 min
Exp R.T.: 8.041 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



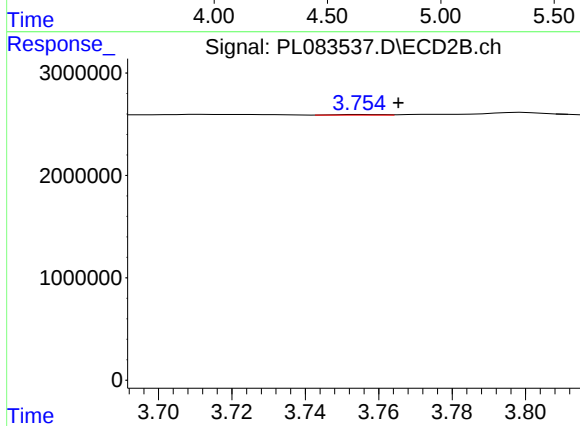
#22 Mirex

R.T.: 7.033 min
Delta R.T.: -0.017 min
Response: 171528
Conc: 0.07 ng/ml



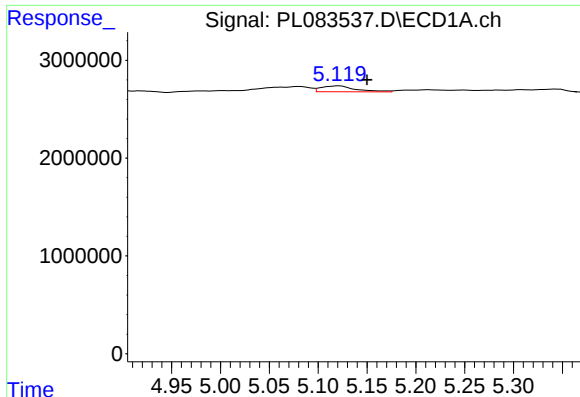
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.617 min
Response: 0
Conc: N.D.



#23 Chlordane-1

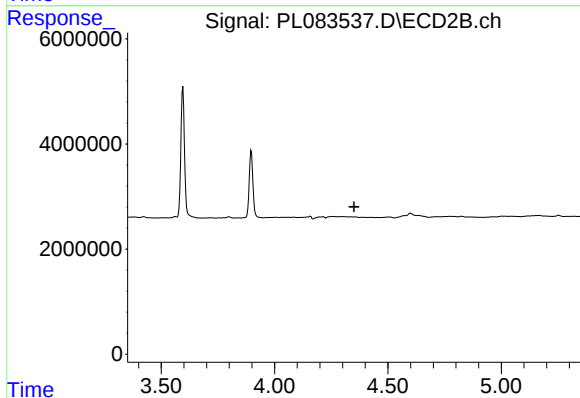
R.T.: 3.755 min
Delta R.T.: -0.010 min
Response: 40451
Conc: 0.41 ng/ml



#24 Chlordane-2

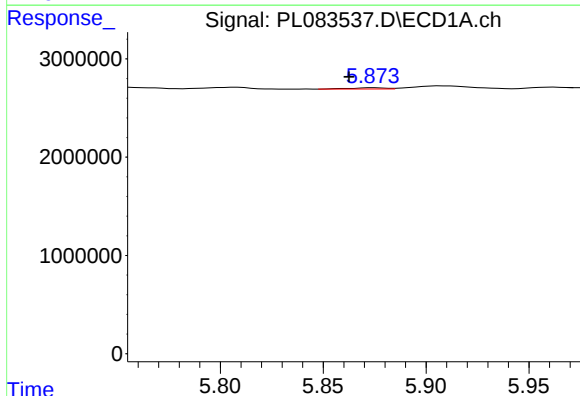
R.T.: 5.121 min
Delta R.T.: -0.030 min
Response: 1472881
Conc: 13.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



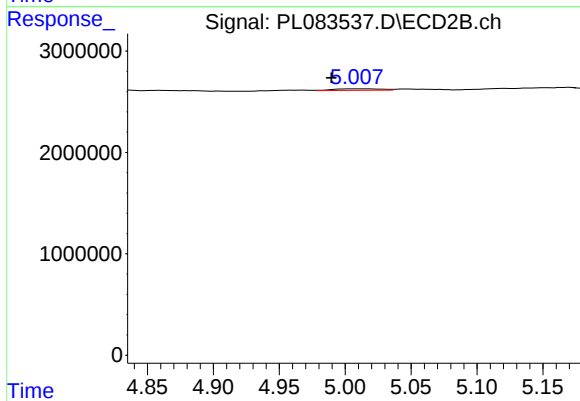
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.351 min
Response: 0
Conc: N.D.



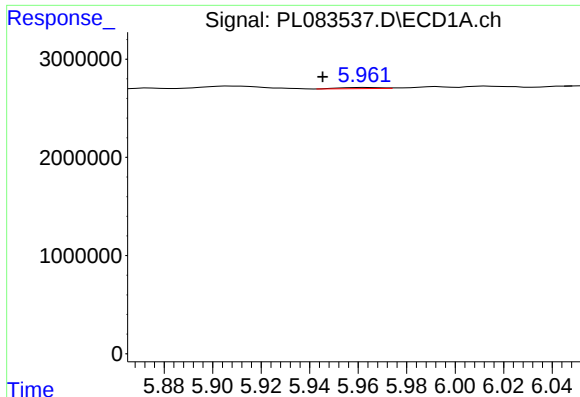
#25 Chlordane-3

R.T.: 5.874 min
Delta R.T.: 0.011 min
Response: 148645
Conc: 0.39 ng/ml



#25 Chlordane-3

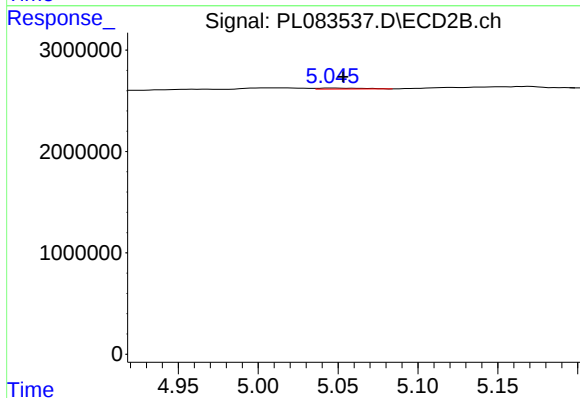
R.T.: 5.008 min
Delta R.T.: 0.019 min
Response: 394078
Conc: 1.20 ng/ml



#26 Chlordane-4

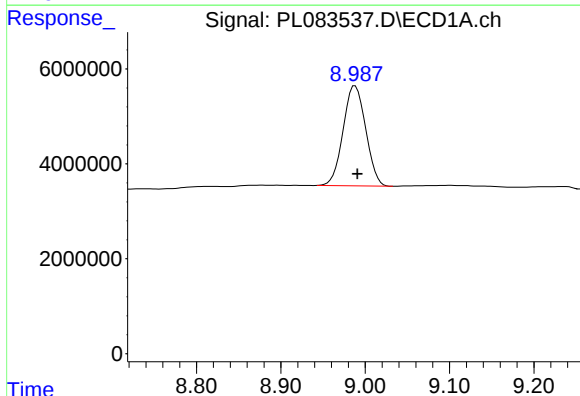
R.T.: 5.963 min
Delta R.T.: 0.017 min
Response: 135755
Conc: 0.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



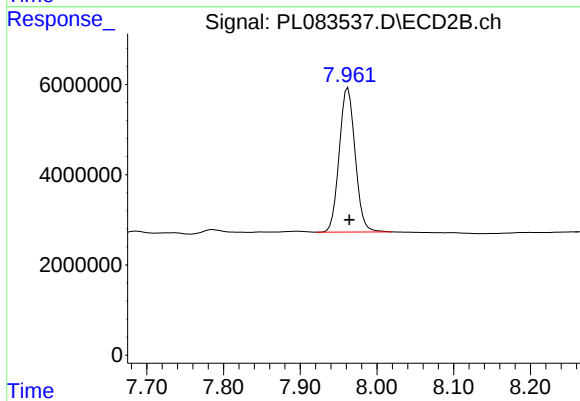
#26 Chlordane-4

R.T.: 5.046 min
Delta R.T.: -0.007 min
Response: 203014
Conc: 0.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.988 min
Delta R.T.: -0.003 min
Response: 39364282
Conc: 20.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.962 min
Delta R.T.: -0.002 min
Response: 46138942
Conc: 18.79 ng/ml