Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061923\
Data File : PL083562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jun 2023 21:41
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 04:24:34 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...	3.455	2.753	40401026	45370627	18.278	19.478	
28)	SA Decachlor...	8.991	7.962	35879103	44770721	18.829	18.228	
	Target Compounds							
2)	A alpha-BHC	3.911	3.263	26282113	30916025	8.442	9.159	
3)	MA gamma-BHC...	4.245	3.596	25568819	29465532	8.969	9.178	
5)	MB Aldrin	0.000	4.237	0	104954	N.D.	0.035	#
6)	B beta-BHC	4.443	3.898	17228288	15354327	13.316	10.288	
7)	B delta-BHC	0.000	4.119	0	60785	N.D.	0.019	#
8)	B Heptachlo...	5.603	4.743	169486	75765	0.067	0.026	#
9)	A Endosulfan I	6.006f	5.127f	462934	431148	0.208	0.160	
10)	B gamma-Chl...	5.840f	5.000	2396694	2612449	0.996	0.883	
11)	B alpha-Chl...	0.000	5.063	0	170413	N.D.	0.058	#
12)	B 4,4'-DDE	6.110	5.248	226828	90395	0.112	0.035	#
13)	MA Dieldrin	0.000	5.380	0	220353	N.D.	0.079	#
14)	MA Endrin	6.498	5.651	82015444	116.9E6	46.471	50.663	
15)	B Endosulfa...	6.699f	5.977f	704552	397330	0.377	0.167	#
16)	A 4,4'-DDD	6.640	5.809	12845747	16887917	7.523	7.658	
17)	MA 4,4'-DDT	6.955	6.063	136.8E6	187.5E6	81.237	89.818	
18)	B Endrin al...	6.849	6.131	1755932	3695229	1.185	1.955	#
19)	B Endosulfa...	7.059f	6.344	687232	209822	0.358	0.087	#
20)	A Methoxychlor	7.437	6.648	201.7E6	257.7E6	222.357	213.816	
21)	B Endrin ke...	7.568	6.862	5047992	8142806	2.356	2.896	
22)	Mirex	0.000	7.039	0	51842	N.D.	0.022	#
24)	Chlordane-2	0.000	4.351	0	358816	N.D.	2.984	#
25)	Chlordane-3	5.882f	5.000	423936	2612449	1.109	7.973	#
26)	Chlordane-4	0.000	5.063	0	170413	N.D.	0.506	#
27)	Chlordane-5	0.000	5.977f	0	397330	N.D.	3.574	#

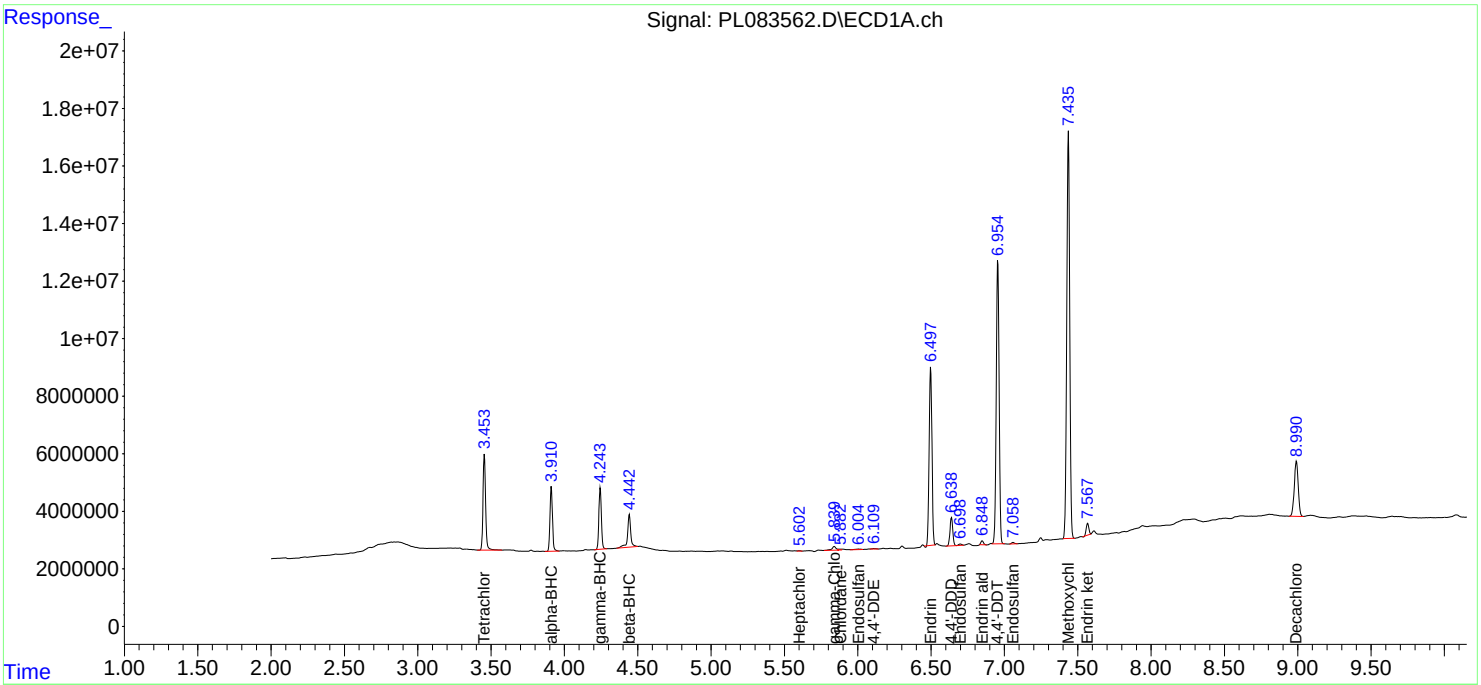
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

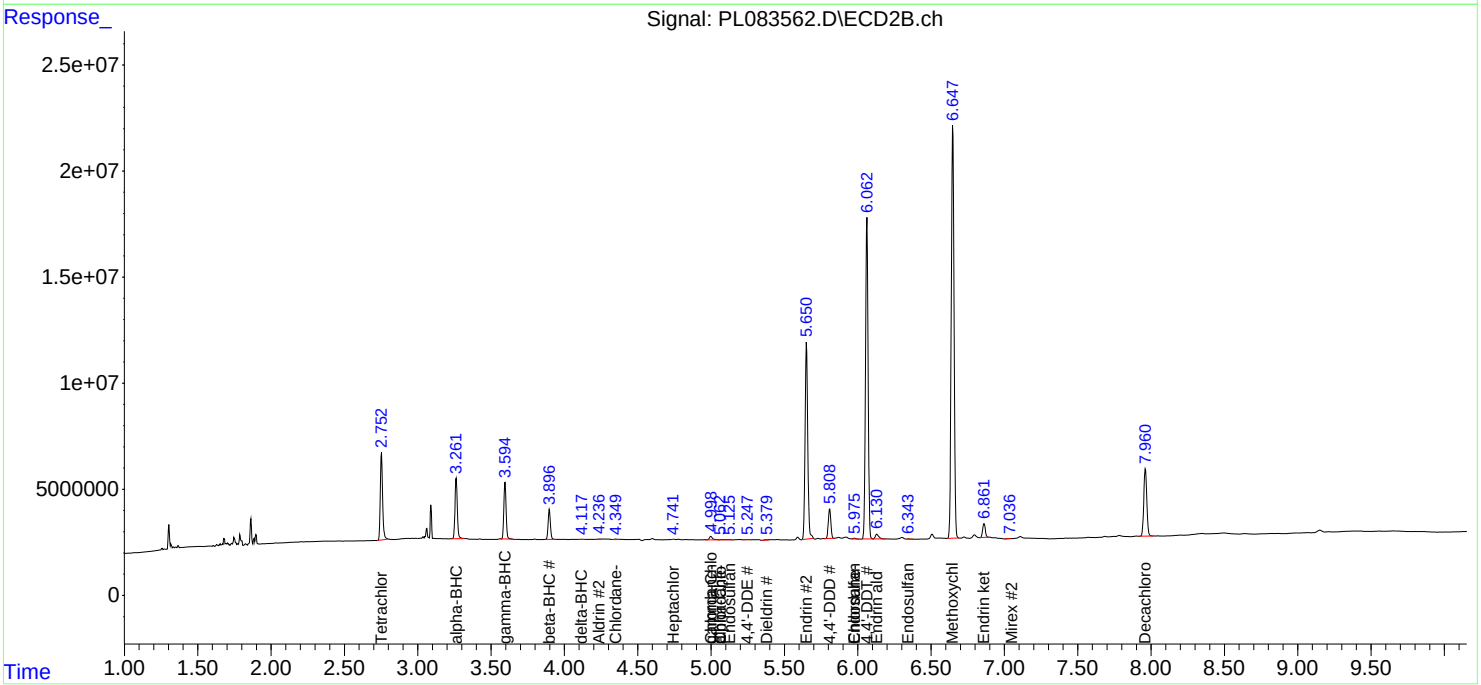
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061923\
Data File : PL083562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jun 2023 21:41
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

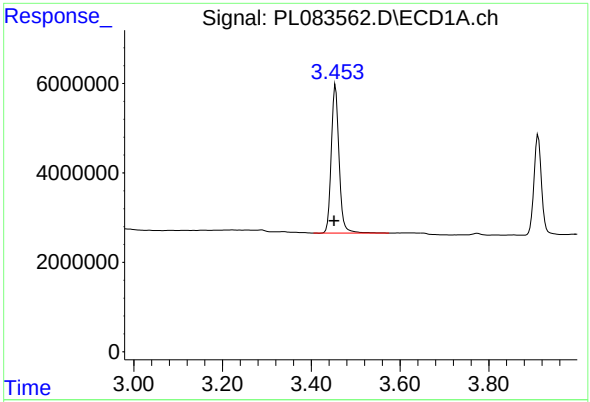
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 04:24:34 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



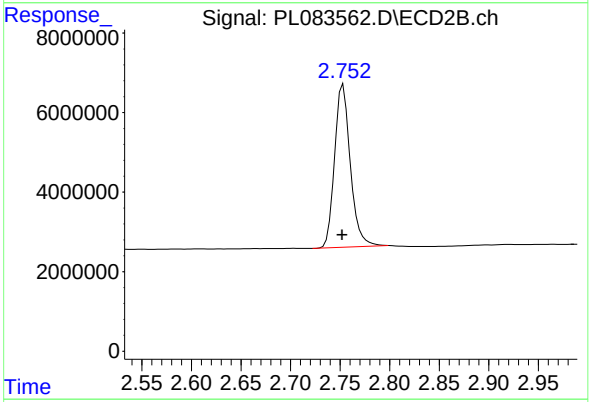




#1 Tetrachloro-m-xylene

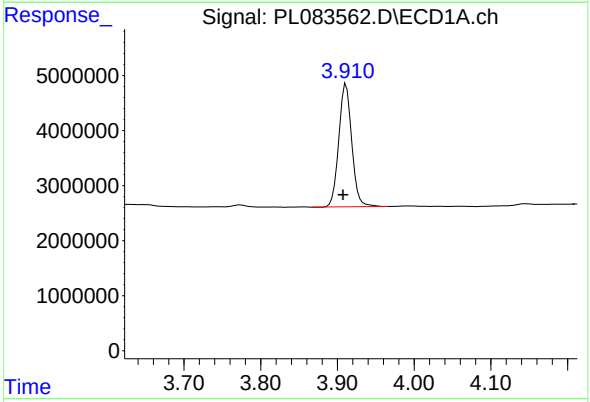
R.T.: 3.455 min
Delta R.T.: 0.004 min
Response: 40401026
Conc: 18.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



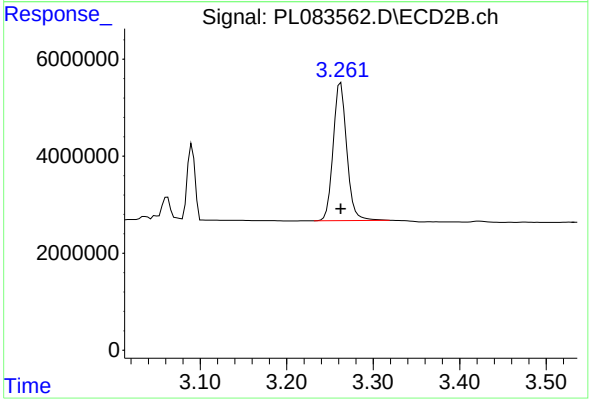
#1 Tetrachloro-m-xylene

R.T.: 2.753 min
Delta R.T.: 0.001 min
Response: 45370627
Conc: 19.48 ng/ml



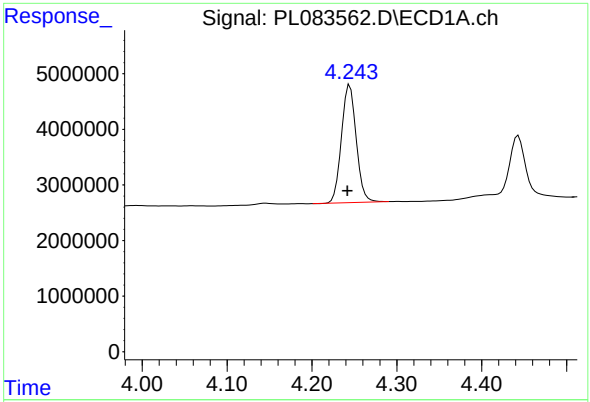
#2 alpha-BHC

R.T.: 3.911 min
Delta R.T.: 0.004 min
Response: 26282113
Conc: 8.44 ng/ml



#2 alpha-BHC

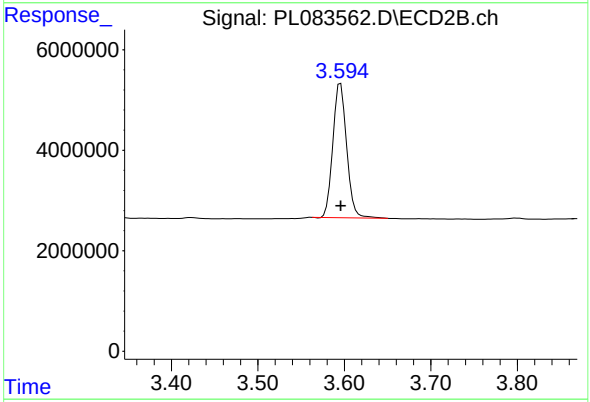
R.T.: 3.263 min
Delta R.T.: 0.000 min
Response: 30916025
Conc: 9.16 ng/ml



#3 gamma-BHC (Lindane)

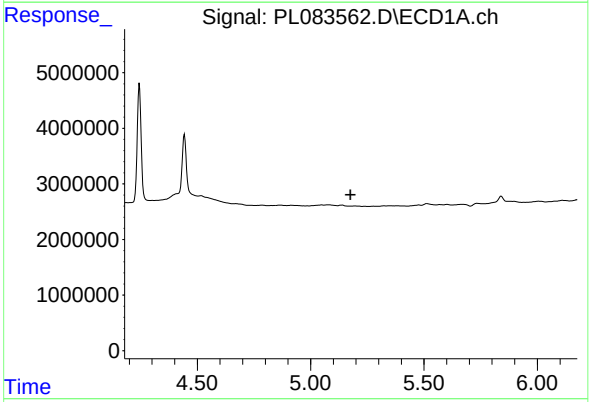
R.T.: 4.245 min
Delta R.T.: 0.003 min
Response: 25568819
Conc: 8.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



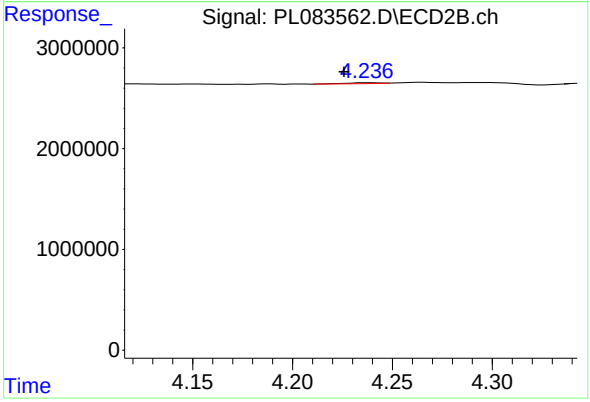
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: 0.000 min
Response: 29465532
Conc: 9.18 ng/ml



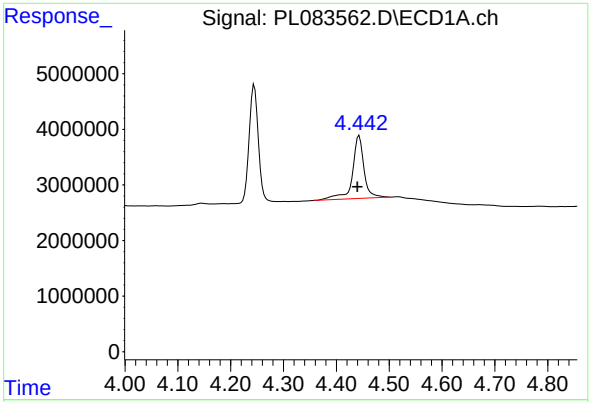
#5 Aldrin

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



#5 Aldrin

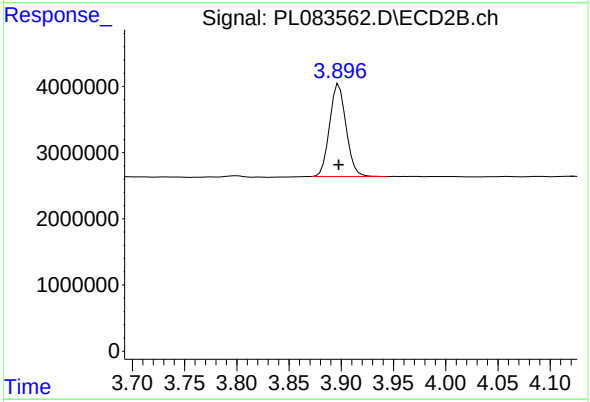
R.T.: 4.237 min
Delta R.T.: 0.011 min
Response: 104954
Conc: 0.03 ng/ml



#6 beta-BHC

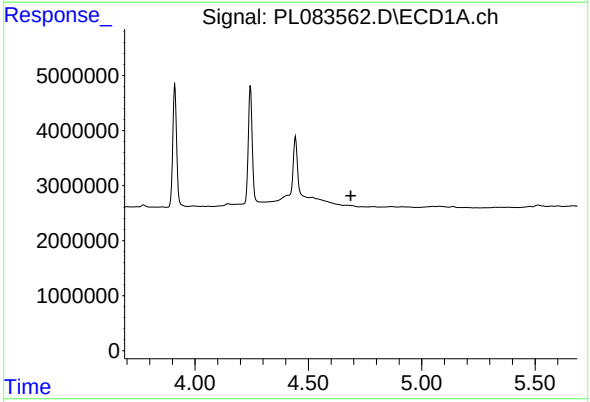
R.T.: 4.443 min
Delta R.T.: 0.003 min
Response: 17228288
Conc: 13.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



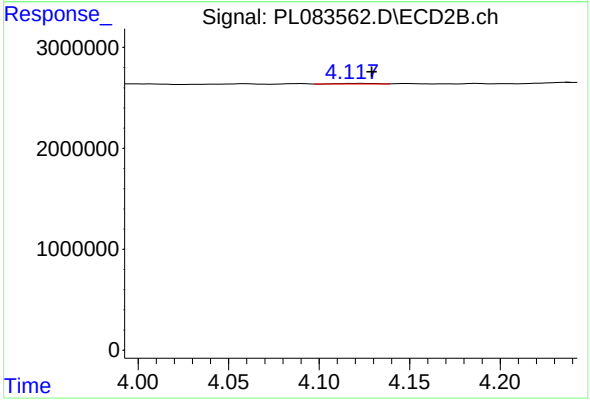
#6 beta-BHC

R.T.: 3.898 min
Delta R.T.: 0.000 min
Response: 15354327
Conc: 10.29 ng/ml



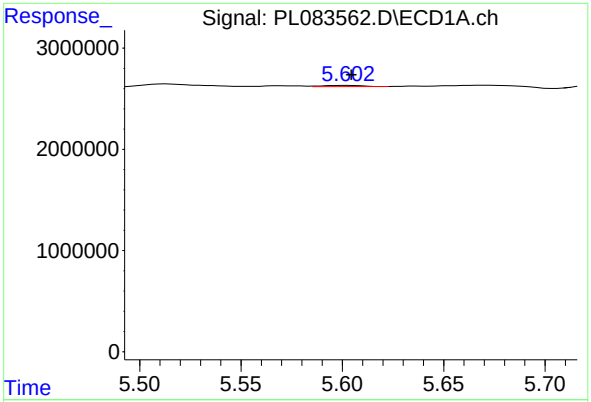
#7 delta-BHC

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



#7 delta-BHC

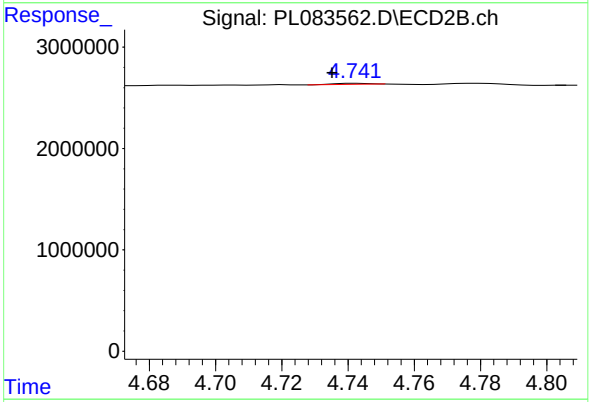
R.T.: 4.119 min
Delta R.T.: -0.010 min
Response: 60785
Conc: 0.02 ng/ml



#8 Heptachlor epoxide

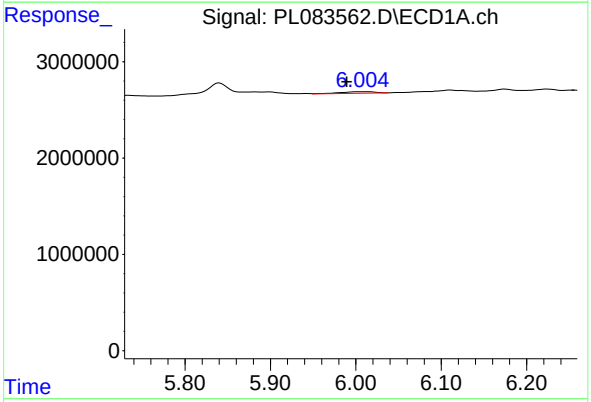
R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 169486
Conc: 0.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



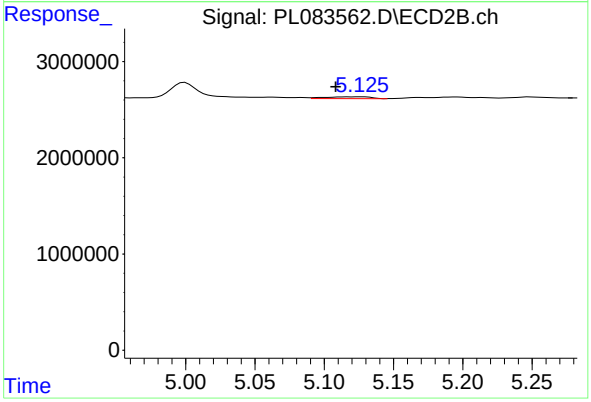
#8 Heptachlor epoxide

R.T.: 4.743 min
Delta R.T.: 0.008 min
Response: 75765
Conc: 0.03 ng/ml



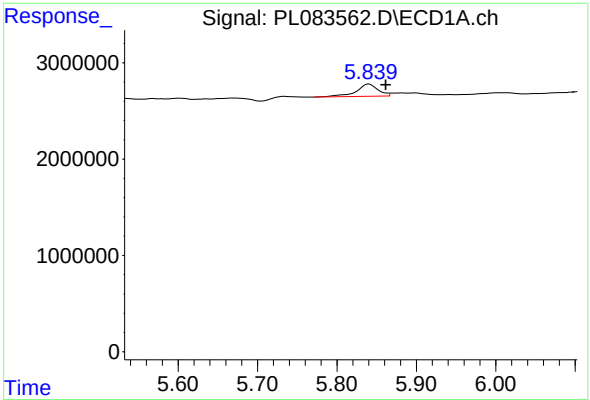
#9 Endosulfan I

R.T.: 6.006 min
Delta R.T.: 0.016 min
Response: 462934
Conc: 0.21 ng/ml



#9 Endosulfan I

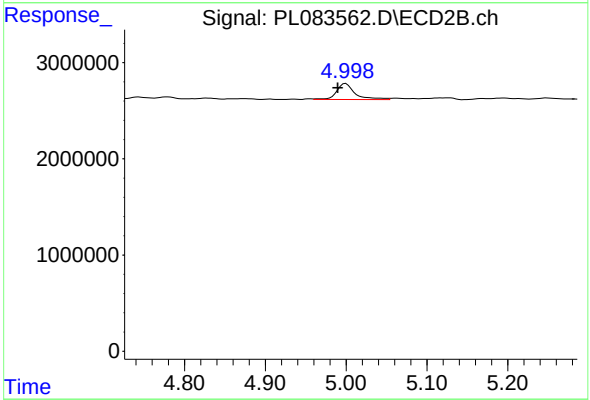
R.T.: 5.127 min
Delta R.T.: 0.018 min
Response: 431148
Conc: 0.16 ng/ml



#10 gamma-Chlordane

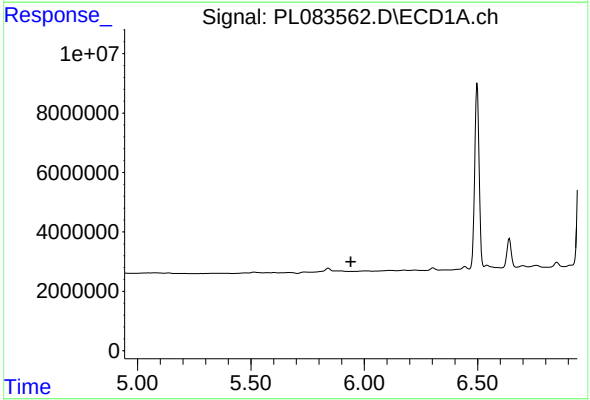
R.T.: 5.840 min
Delta R.T.: -0.021 min
Response: 2396694
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



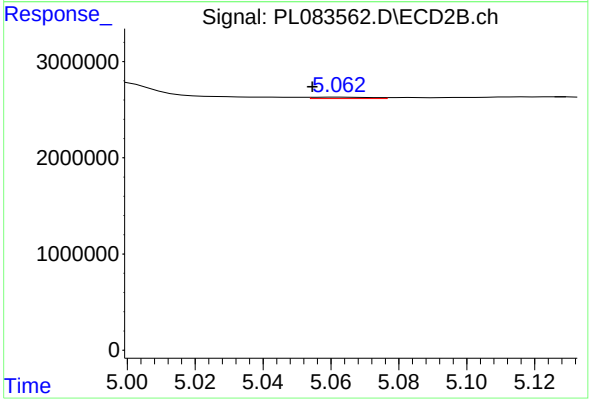
#10 gamma-Chlordane

R.T.: 5.000 min
Delta R.T.: 0.010 min
Response: 2612449
Conc: 0.88 ng/ml



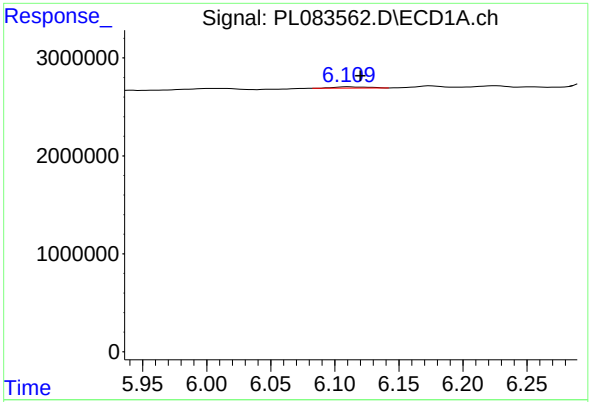
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

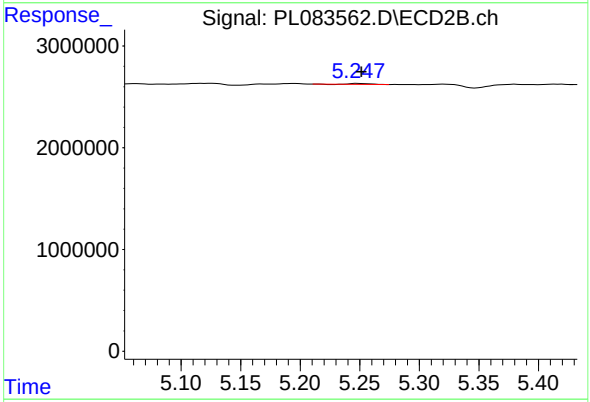
R.T.: 5.063 min
Delta R.T.: 0.008 min
Response: 170413
Conc: 0.06 ng/ml



#12 4,4'-DDE

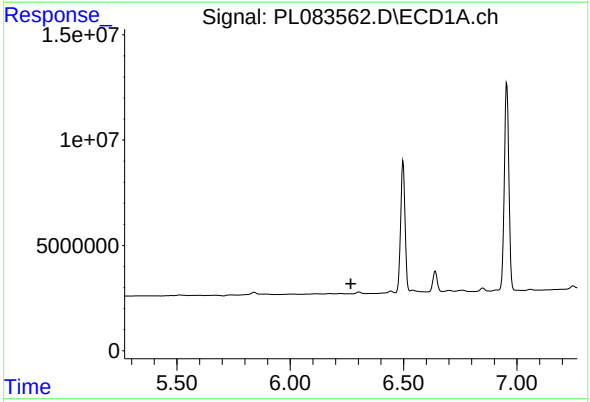
R.T.: 6.110 min
Delta R.T.: -0.010 min
Response: 226828
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



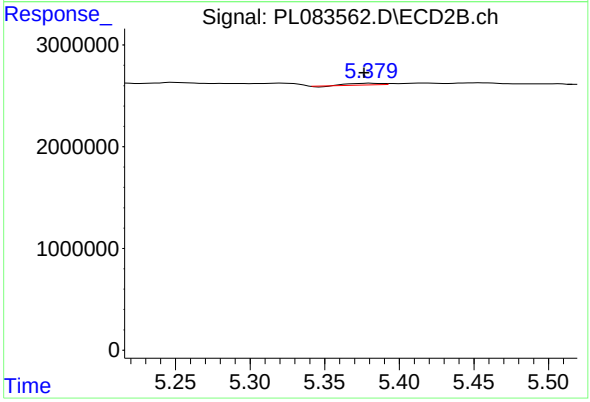
#12 4,4'-DDE

R.T.: 5.248 min
Delta R.T.: -0.003 min
Response: 90395
Conc: 0.04 ng/ml



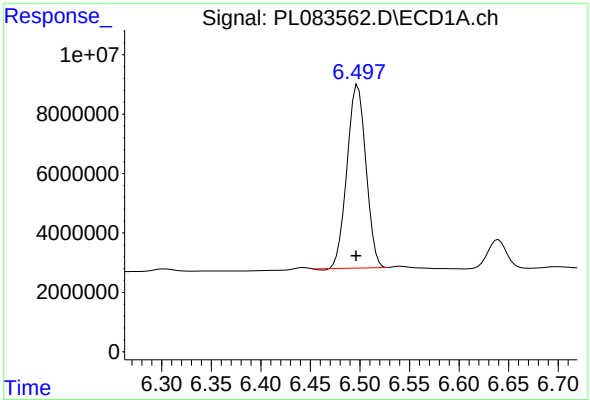
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.267 min
Response: 0
Conc: N.D.



#13 Dieldrin

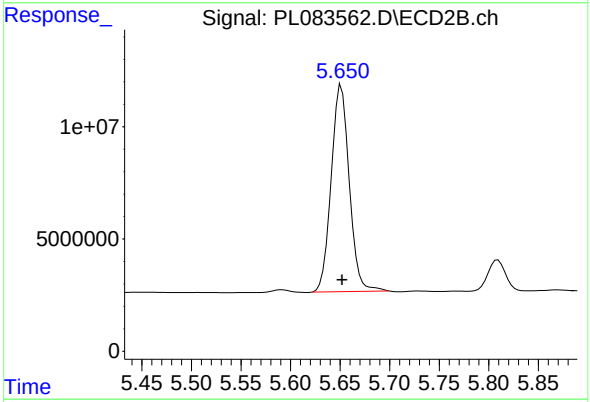
R.T.: 5.380 min
Delta R.T.: 0.004 min
Response: 220353
Conc: 0.08 ng/ml



#14 Endrin

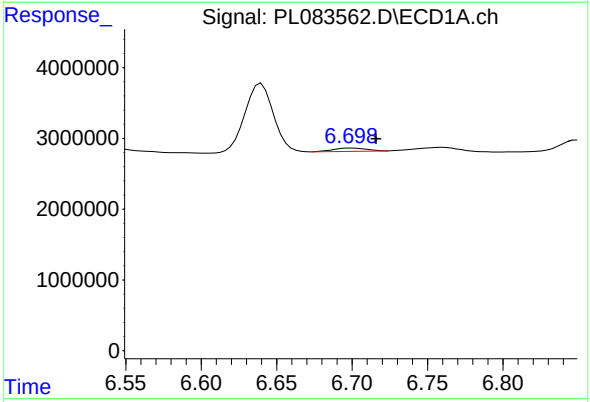
R.T.: 6.498 min
Delta R.T.: 0.002 min
Response: 82015444
Conc: 46.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



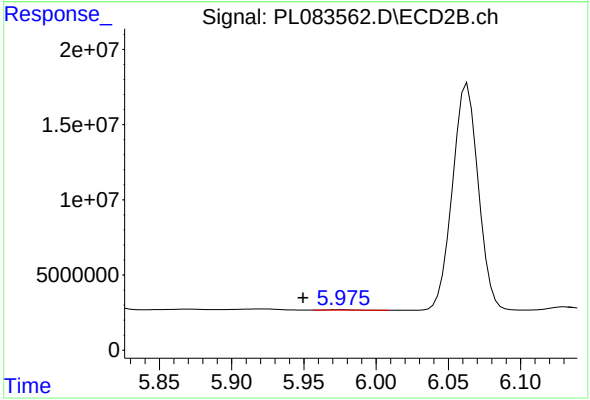
#14 Endrin

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 116936047
Conc: 50.66 ng/ml



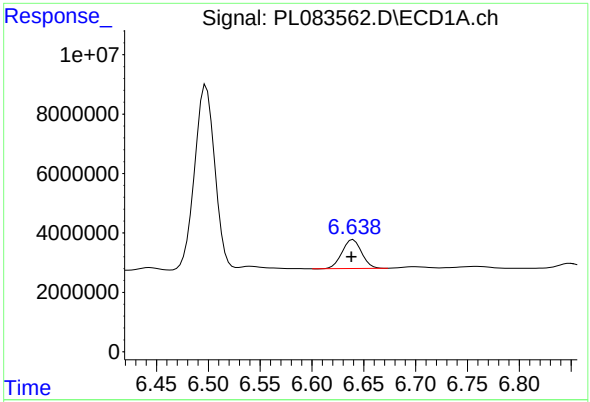
#15 Endosulfan II

R.T.: 6.699 min
Delta R.T.: -0.017 min
Response: 704552
Conc: 0.38 ng/ml



#15 Endosulfan II

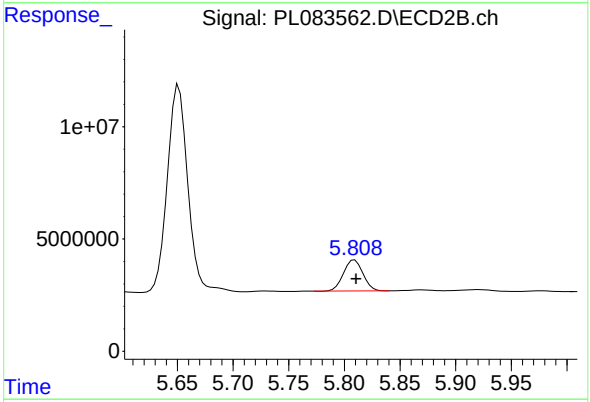
R.T.: 5.977 min
Delta R.T.: 0.027 min
Response: 397330
Conc: 0.17 ng/ml



#16 4,4'-DDD

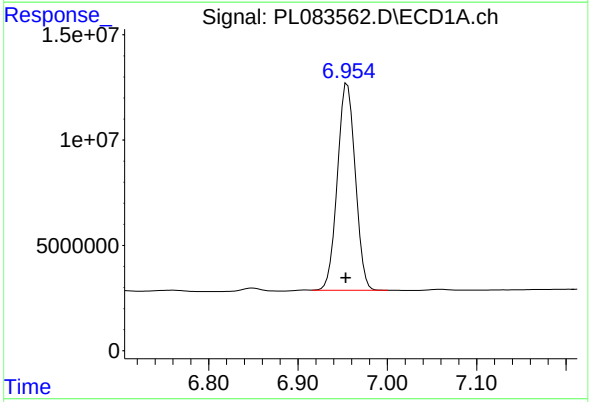
R.T.: 6.640 min
Delta R.T.: 0.002 min
Response: 12845747
Conc: 7.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



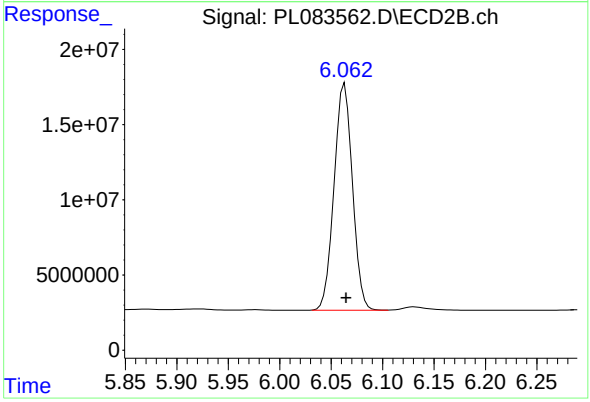
#16 4,4'-DDD

R.T.: 5.809 min
Delta R.T.: -0.001 min
Response: 16887917
Conc: 7.66 ng/ml



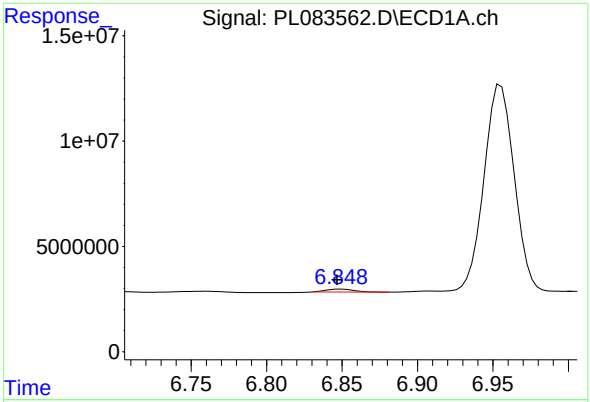
#17 4,4'-DDT

R.T.: 6.955 min
Delta R.T.: 0.002 min
Response: 136775569
Conc: 81.24 ng/ml



#17 4,4'-DDT

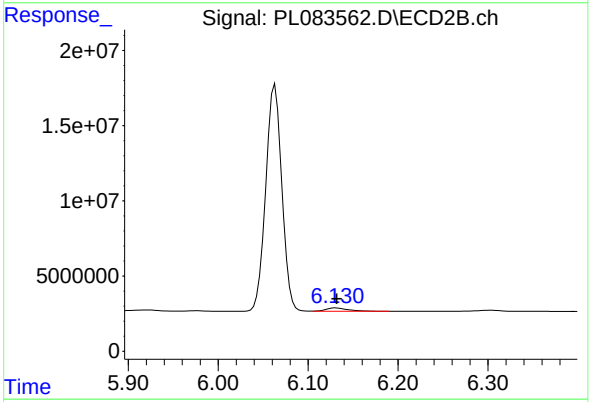
R.T.: 6.063 min
Delta R.T.: -0.001 min
Response: 187525999
Conc: 89.82 ng/ml



#18 Endrin aldehyde

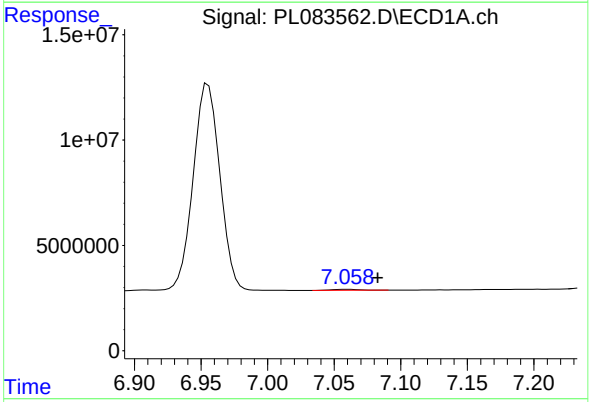
R.T.: 6.849 min
Delta R.T.: 0.002 min
Response: 1755932
Conc: 1.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



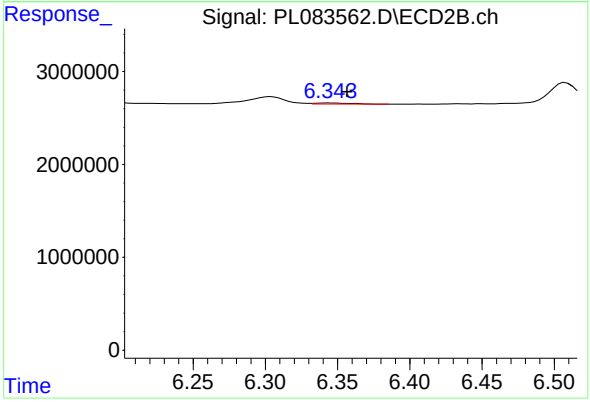
#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 3695229
Conc: 1.96 ng/ml



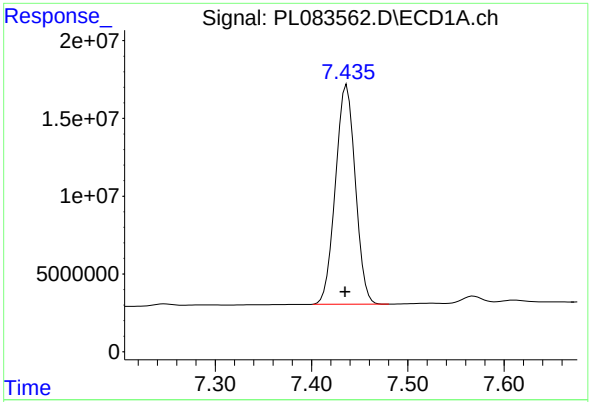
#19 Endosulfan Sulfate

R.T.: 7.059 min
Delta R.T.: -0.023 min
Response: 687232
Conc: 0.36 ng/ml



#19 Endosulfan Sulfate

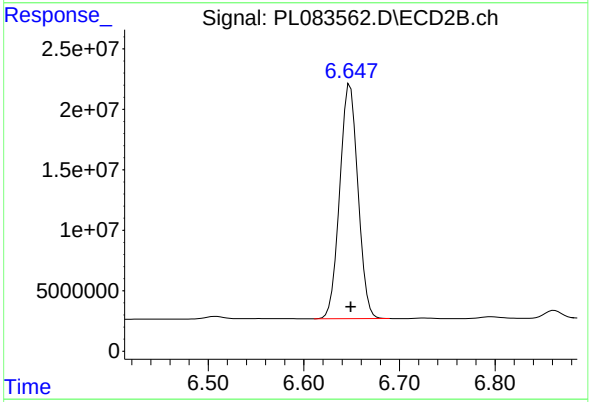
R.T.: 6.344 min
Delta R.T.: -0.012 min
Response: 209822
Conc: 0.09 ng/ml



#20 Methoxychlor

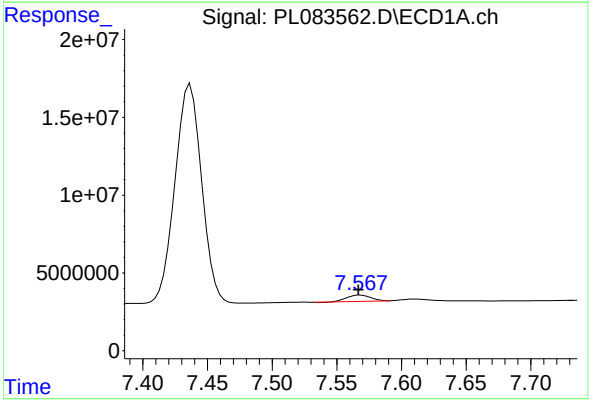
R.T.: 7.437 min
Delta R.T.: 0.002 min
Response: 201691363
Conc: 222.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



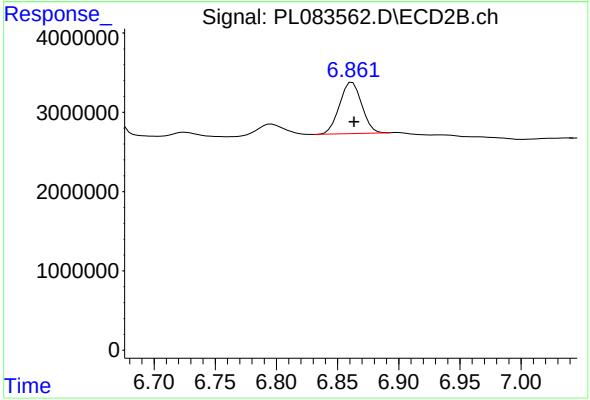
#20 Methoxychlor

R.T.: 6.648 min
Delta R.T.: 0.000 min
Response: 257684830
Conc: 213.82 ng/ml



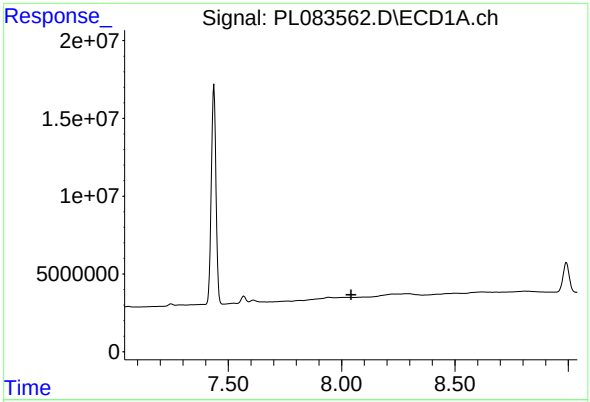
#21 Endrin ketone

R.T.: 7.568 min
Delta R.T.: 0.002 min
Response: 5047992
Conc: 2.36 ng/ml



#21 Endrin ketone

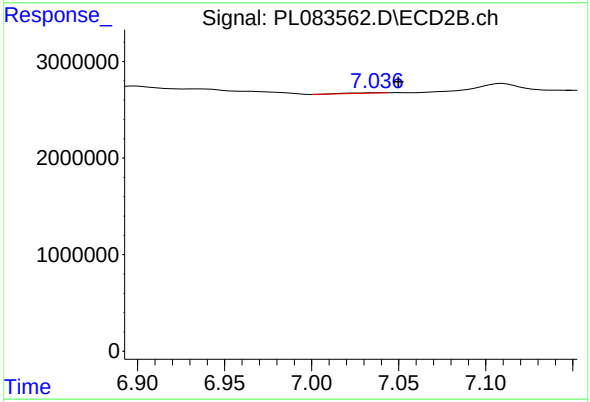
R.T.: 6.862 min
Delta R.T.: -0.001 min
Response: 8142806
Conc: 2.90 ng/ml



#22 Mirex

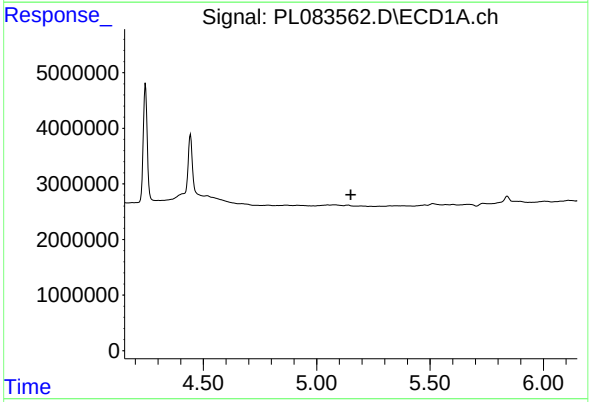
R.T.: 0.000 min
Exp R.T. : 8.041 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



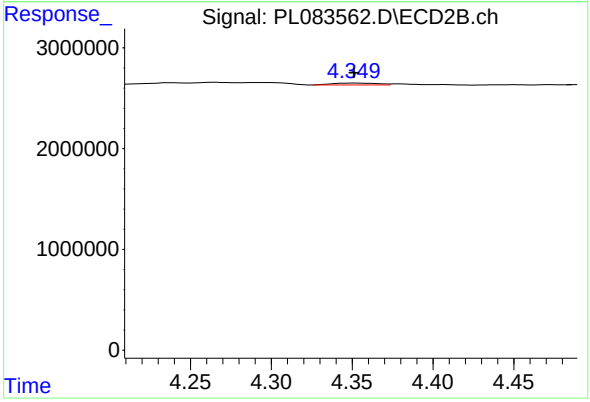
#22 Mirex

R.T.: 7.039 min
Delta R.T.: -0.011 min
Response: 51842
Conc: 0.02 ng/ml



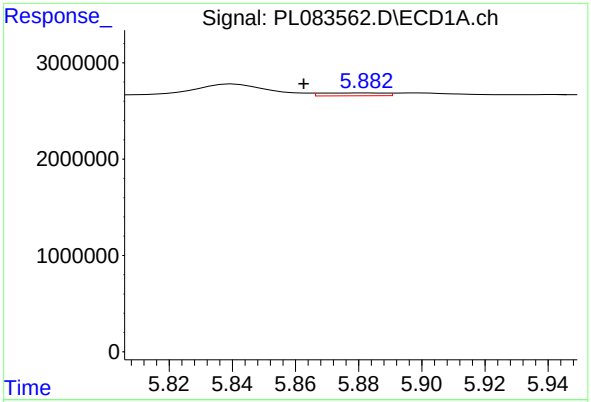
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.150 min
Response: 0
Conc: N.D.



#24 Chlordane-2

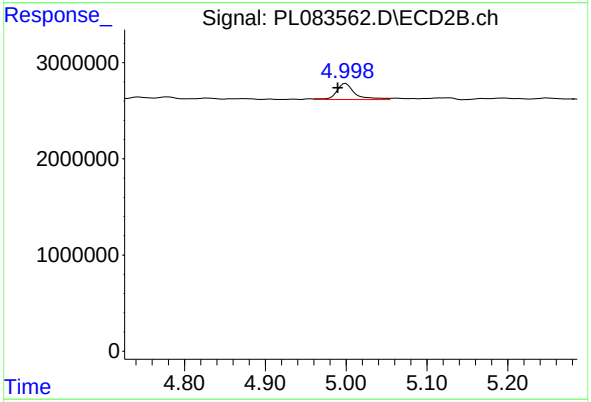
R.T.: 4.351 min
Delta R.T.: 0.000 min
Response: 358816
Conc: 2.98 ng/ml



#25 Chlordane-3

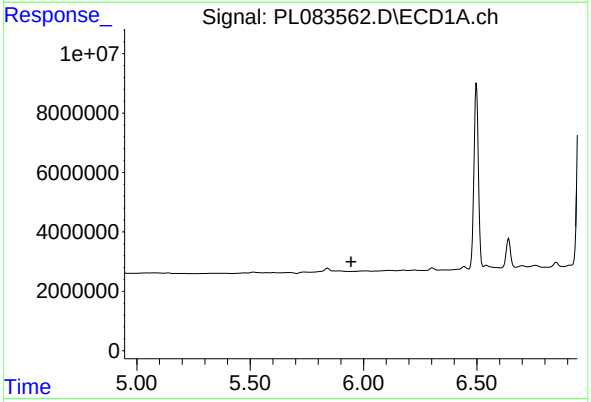
R.T.: 5.882 min
Delta R.T.: 0.020 min
Response: 423936
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



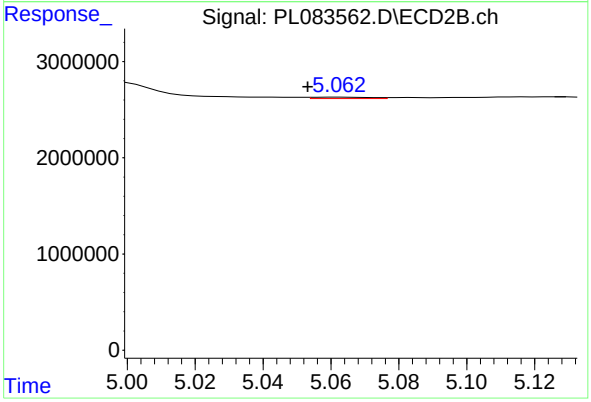
#25 Chlordane-3

R.T.: 5.000 min
Delta R.T.: 0.010 min
Response: 2612449
Conc: 7.97 ng/ml



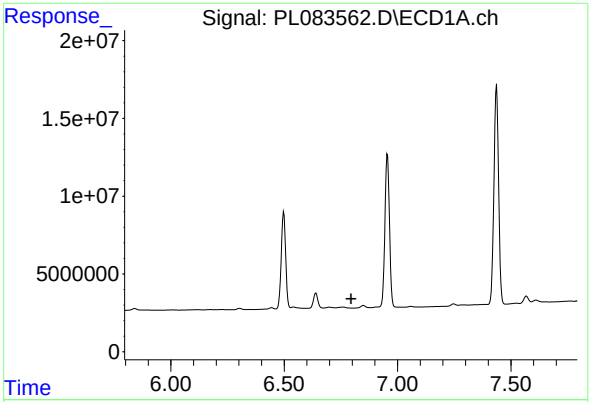
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.945 min
Response: 0
Conc: N.D.



#26 Chlordane-4

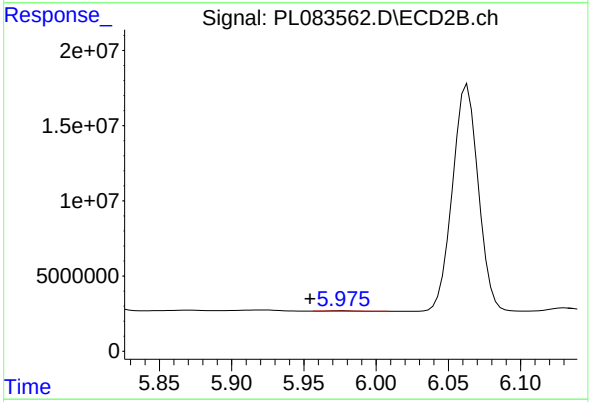
R.T.: 5.063 min
Delta R.T.: 0.010 min
Response: 170413
Conc: 0.51 ng/ml



#27 Chlordane-5

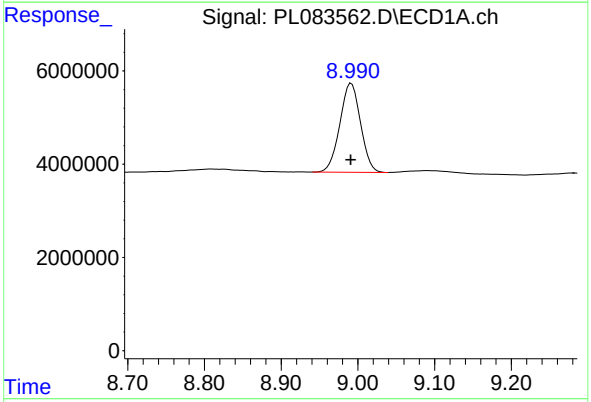
R.T.: 0.000 min
Exp R.T. : 6.795 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



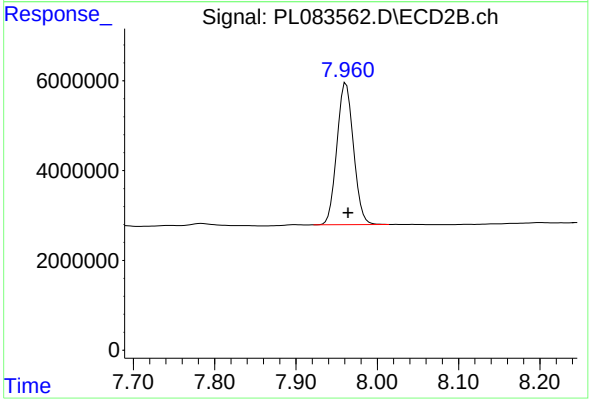
#27 Chlordane-5

R.T.: 5.977 min
Delta R.T.: 0.022 min
Response: 397330
Conc: 3.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.991 min
Delta R.T.: 0.000 min
Response: 35879103
Conc: 18.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.962 min
Delta R.T.: -0.002 min
Response: 44770721
Conc: 18.23 ng/ml