Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081924\
Data File : PL091197.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2024 10:16
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: Aug 20 02:28:40 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 2024
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...	3.553	2.786	42860969	39776896	19.962	20.378	
28)	SA Decachlor...	9.073f	7.933	33311273	38224138	21.850	20.180	
	Target Compounds							
2)	A alpha-BHC	4.009	3.290	32015173	26715341	10.680	9.633	
3)	MA gamma-BHC...	4.342	3.620	30392119	24525967	10.595	9.312	
4)	MA Heptachlor	0.000	3.958	0	223197	N.D.	0.086	#
5)	MB Aldrin	0.000	4.253	0	279002	N.D.	0.113	#
6)	B beta-BHC	4.539	3.920	14379023	12634521	10.633	10.734	
7)	B delta-BHC	0.000	4.145	0	280793	N.D.	0.111	#
8)	B Heptachlo...	0.000	4.747	0	167225	N.D.	0.074	#
9)	A Endosulfan I	0.000	5.133f	0	683818	N.D.	0.324	#
10)	B gamma-Chl...	5.927f	5.002	3714050	1962625	1.537	0.830	#
11)	B alpha-Chl...	0.000	5.056	0	398663	N.D.	0.169	#
12)	B 4,4'-DDE	0.000	5.247	0	604536	N.D.	0.289	#
13)	MA Dieldrin	0.000	5.379	0	676162	N.D.	0.297	#
14)	MA Endrin	6.590	5.655	83106138	96665841	42.855	47.452	
15)	B Endosulfa...	0.000	5.970f	0	6208095	N.D.	3.209	#
16)	A 4,4'-DDD	6.724	5.803	7779999	6144791	5.148	3.722	#
17)	MA 4,4'-DDT	7.038	6.054	161.7E6	185.9E6	91.114	104.649	
18)	B Endrin al...	6.938	6.129	2945382	3459978	1.845	2.221	
19)	B Endosulfa...	0.000	6.352	0	1500643	N.D.	0.778	#
20)	A Methoxychlor	7.514	6.630	210.2E6	220.5E6	223.546	222.083	
21)	B Endrin ke...	7.657	6.858	5217005	5880041	2.485	2.700	
22)	Mirex	0.000	7.041	0	487513	N.D.	0.261	#
24)	Chlordane-2	0.000	4.339f	0	3623487	N.D.	38.566	#
25)	Chlordane-3	5.927	5.002	3714050	1962625	10.693	8.082	
26)	Chlordane-4	0.000	5.056	0	398663	N.D.	1.710	#
27)	Chlordane-5	0.000	5.726	0	394017	N.D.	5.691	#

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

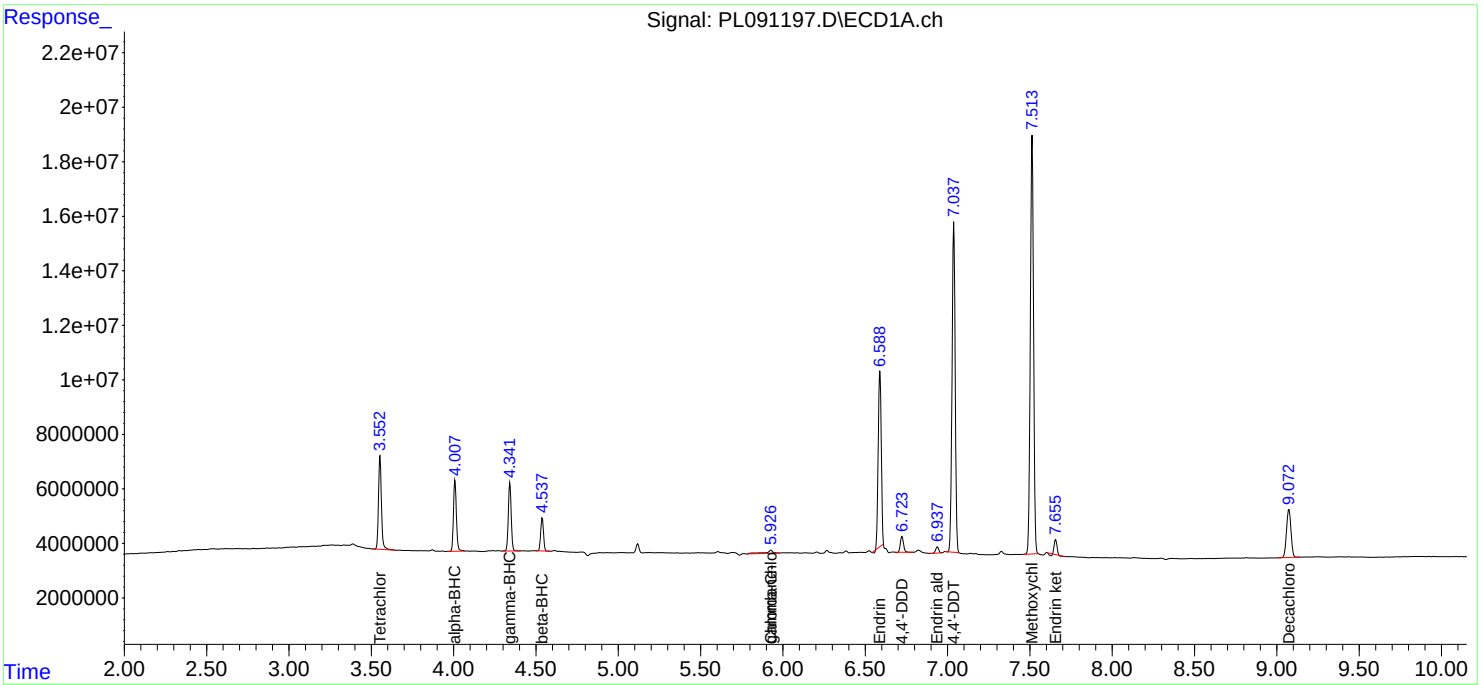
Quantitation Report (Not Reviewed)

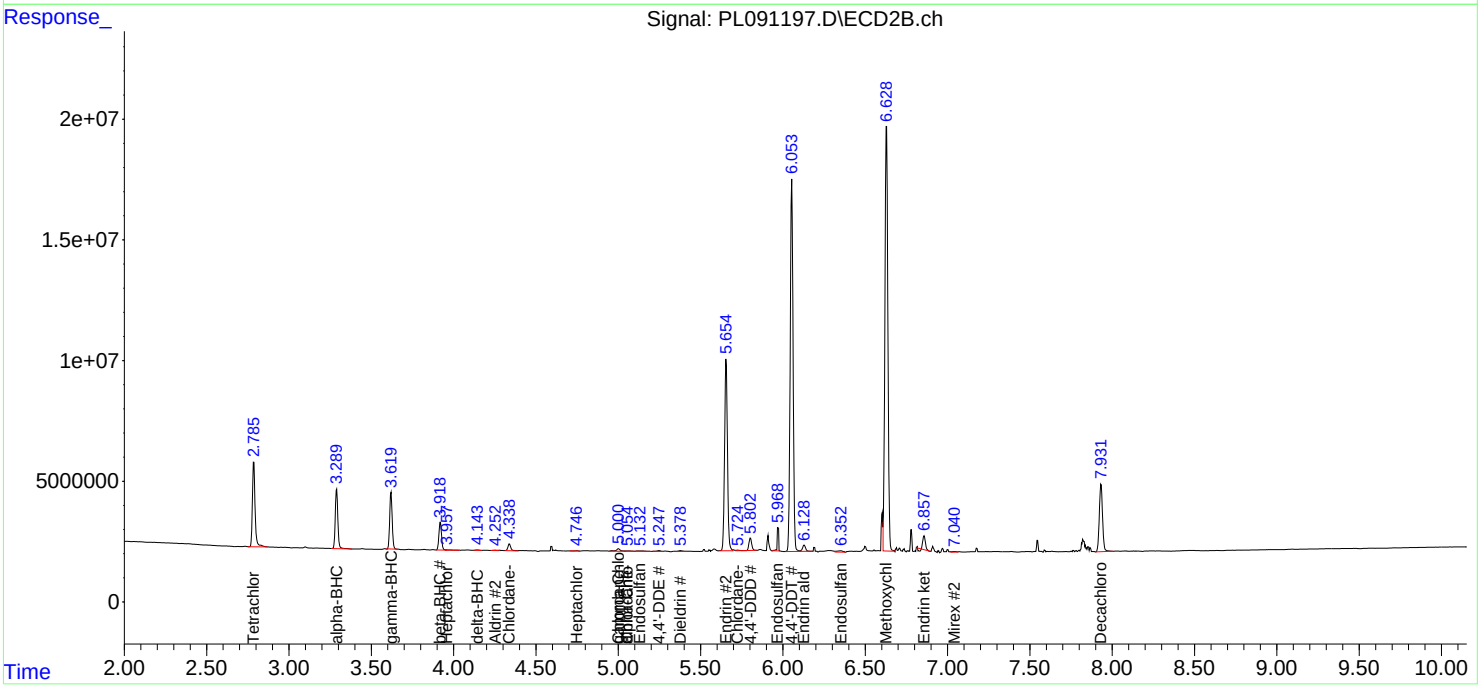
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081924\
Data File : PL091197.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2024 10:16
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

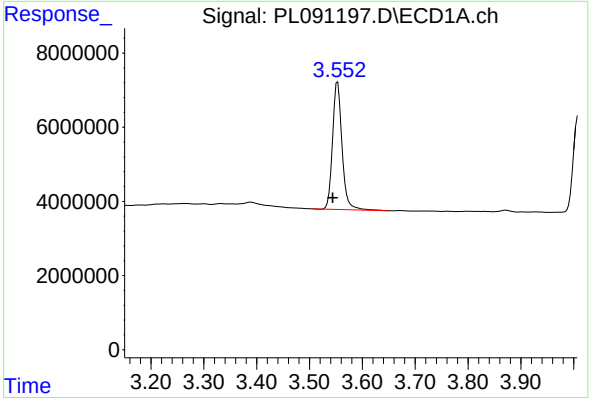
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 02:28:40 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 2024
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



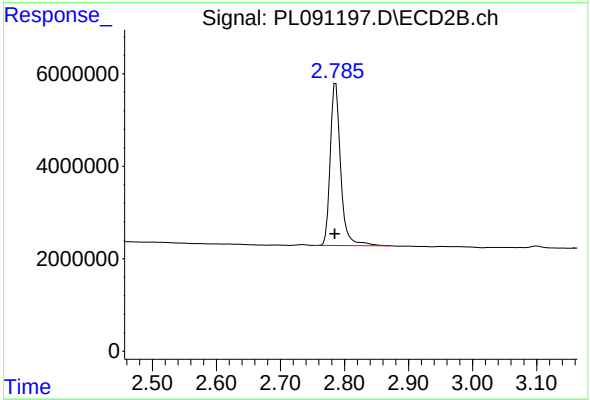




#1 Tetrachloro-m-xylene

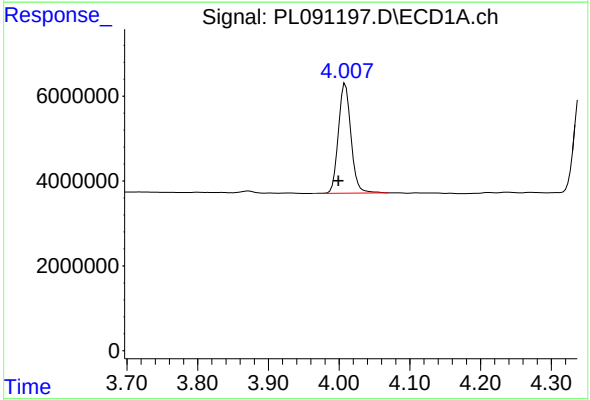
R.T.: 3.553 min
Delta R.T.: 0.009 min
Response: 42860969
Conc: 19.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



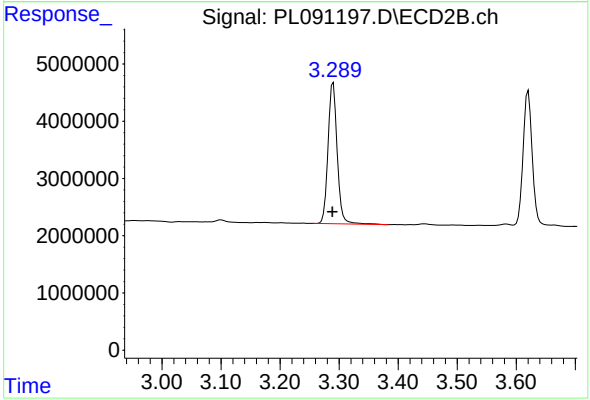
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.001 min
Response: 39776896
Conc: 20.38 ng/ml



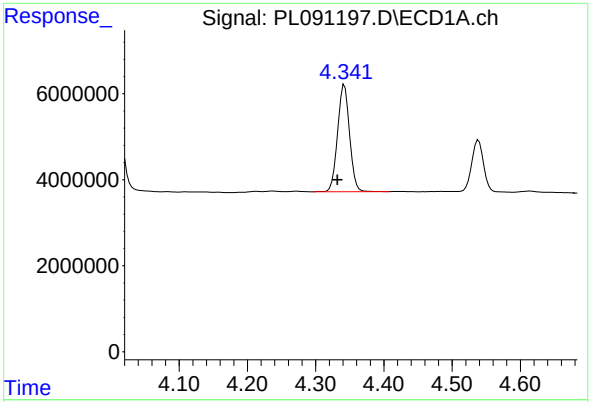
#2 alpha-BHC

R.T.: 4.009 min
Delta R.T.: 0.010 min
Response: 32015173
Conc: 10.68 ng/ml



#2 alpha-BHC

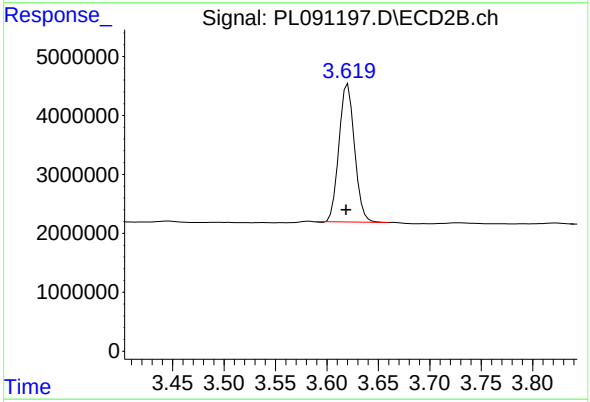
R.T.: 3.290 min
Delta R.T.: 0.002 min
Response: 26715341
Conc: 9.63 ng/ml



#3 gamma-BHC (Lindane)

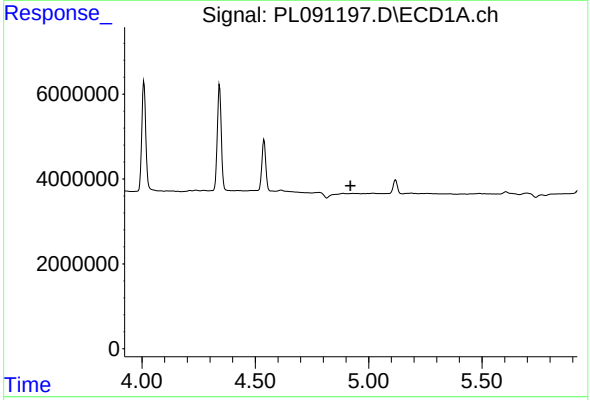
R.T.: 4.342 min
Delta R.T.: 0.011 min
Response: 30392119
Conc: 10.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



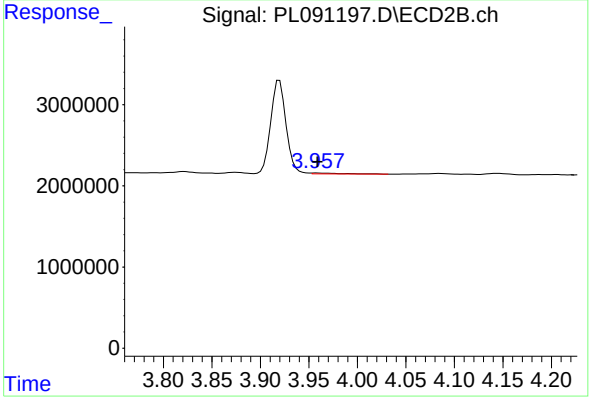
#3 gamma-BHC (Lindane)

R.T.: 3.620 min
Delta R.T.: 0.002 min
Response: 24525967
Conc: 9.31 ng/ml



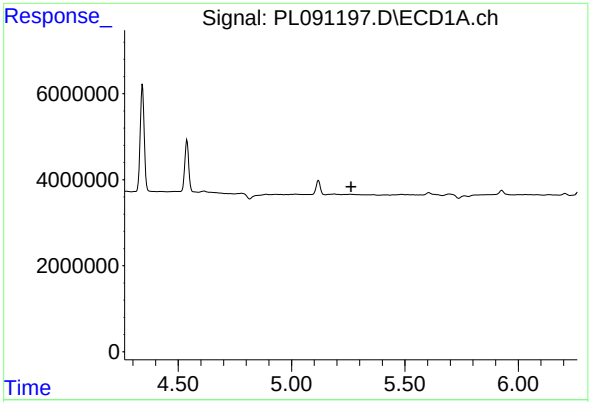
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.921 min
Response: 0
Conc: N.D.



#4 Heptachlor

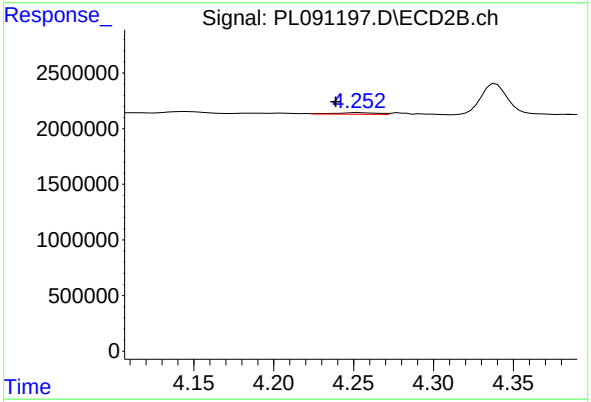
R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 223197
Conc: 0.09 ng/ml



#5 Aldrin

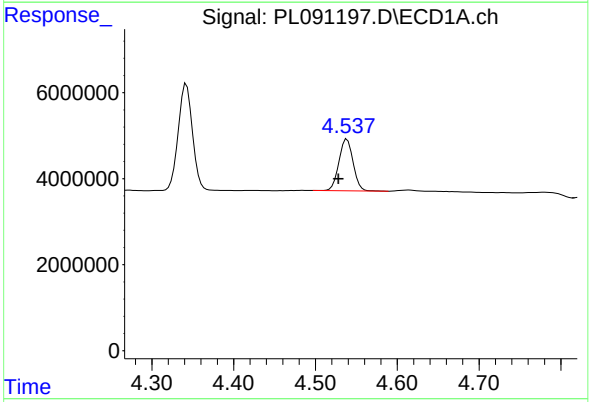
R.T.: 0.000 min
Exp R.T. : 5.262 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



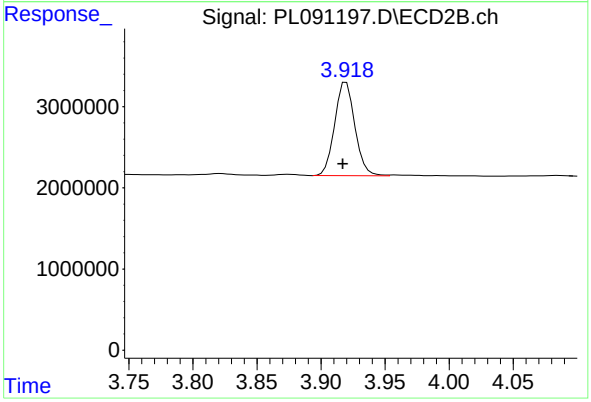
#5 Aldrin

R.T.: 4.253 min
Delta R.T.: 0.014 min
Response: 279002
Conc: 0.11 ng/ml



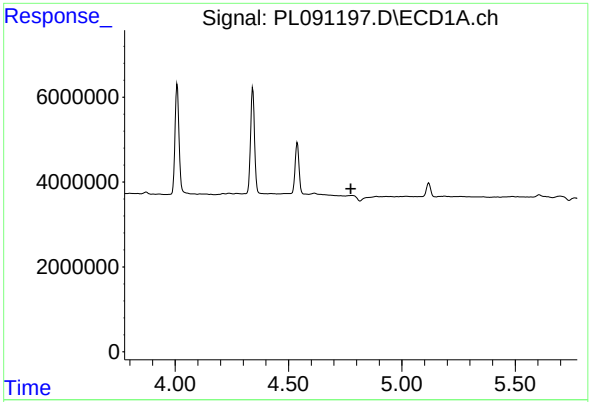
#6 beta-BHC

R.T.: 4.539 min
Delta R.T.: 0.011 min
Response: 14379023
Conc: 10.63 ng/ml



#6 beta-BHC

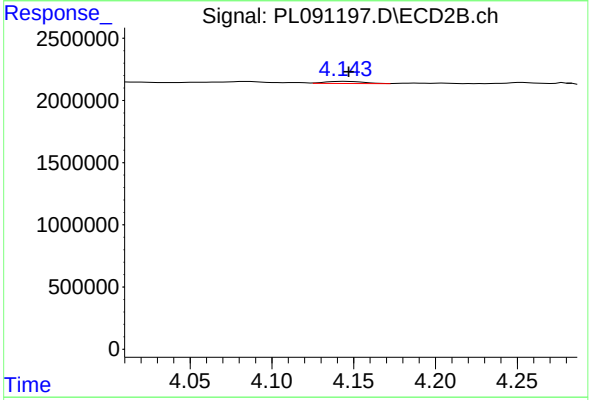
R.T.: 3.920 min
Delta R.T.: 0.003 min
Response: 12634521
Conc: 10.73 ng/ml



#7 delta-BHC

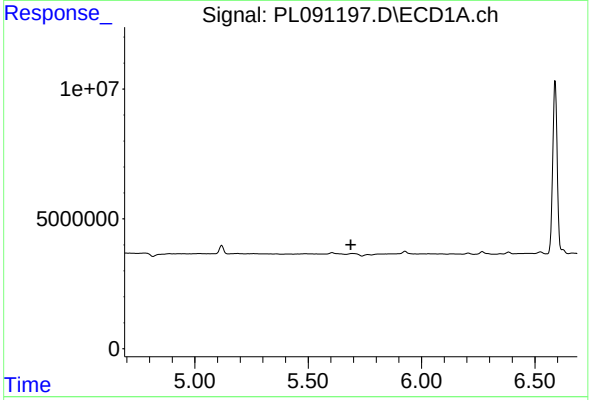
R.T.: 0.000 min
Exp R.T. : 4.775 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



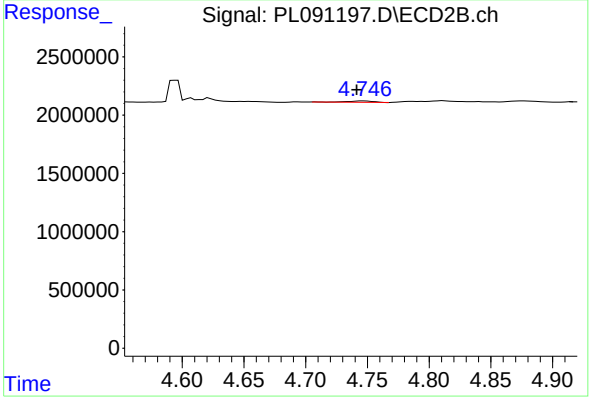
#7 delta-BHC

R.T.: 4.145 min
Delta R.T.: -0.002 min
Response: 280793
Conc: 0.11 ng/ml



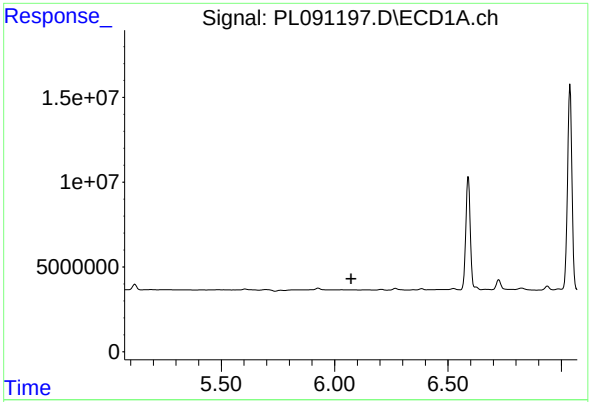
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.688 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

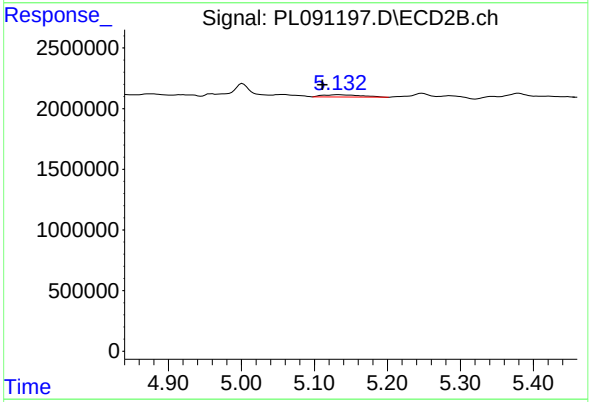
R.T.: 4.747 min
Delta R.T.: 0.006 min
Response: 167225
Conc: 0.07 ng/ml



#9 Endosulfan I

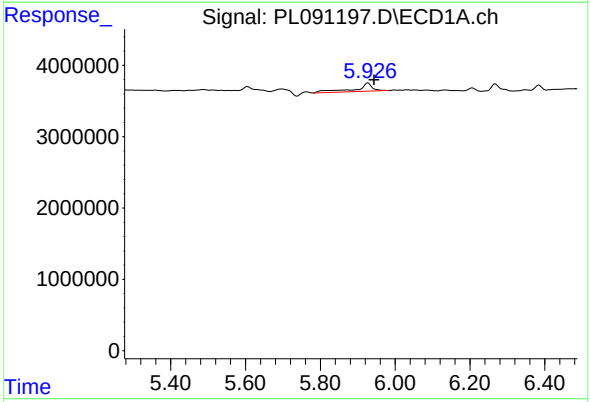
R.T.: 0.000 min
Exp R.T. : 6.073 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



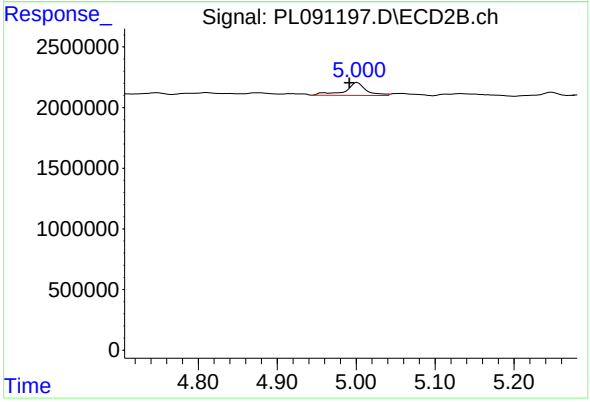
#9 Endosulfan I

R.T.: 5.133 min
Delta R.T.: 0.022 min
Response: 683818
Conc: 0.32 ng/ml



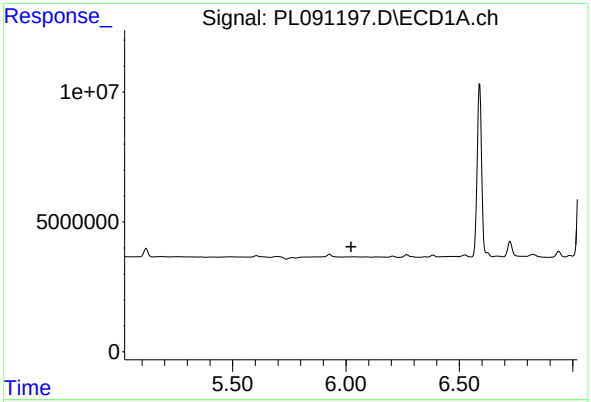
#10 gamma-Chlordane

R.T.: 5.927 min
Delta R.T.: -0.016 min
Response: 3714050
Conc: 1.54 ng/ml



#10 gamma-Chlordane

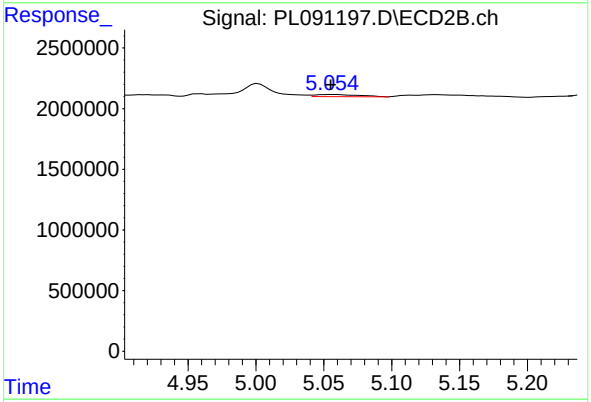
R.T.: 5.002 min
Delta R.T.: 0.010 min
Response: 1962625
Conc: 0.83 ng/ml



#11 alpha-Chlordane

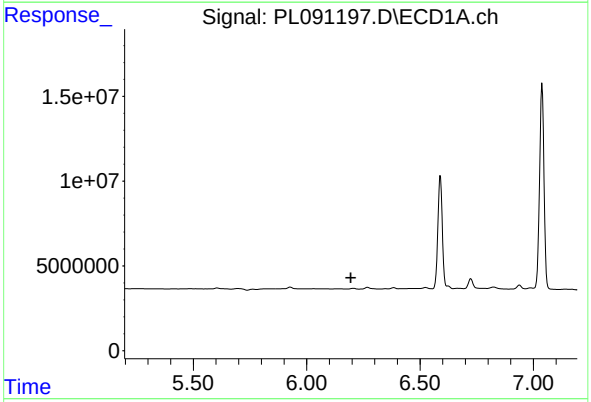
R.T.: 0.000 min
Exp R.T. : 6.022 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



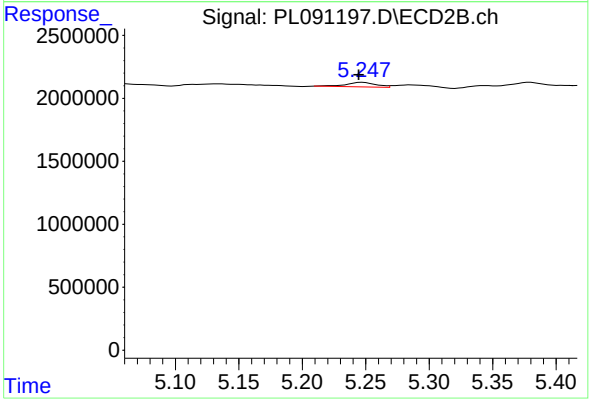
#11 alpha-Chlordane

R.T.: 5.056 min
Delta R.T.: 0.001 min
Response: 398663
Conc: 0.17 ng/ml



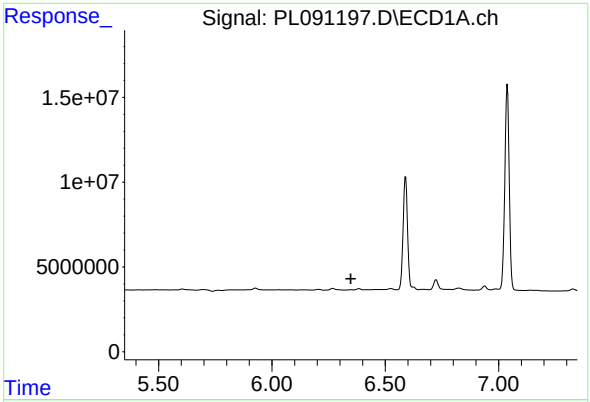
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.195 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

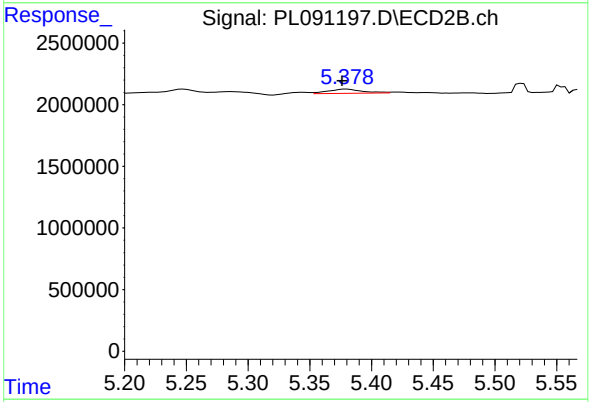
R.T.: 5.247 min
Delta R.T.: 0.003 min
Response: 604536
Conc: 0.29 ng/ml



#13 Dieldrin

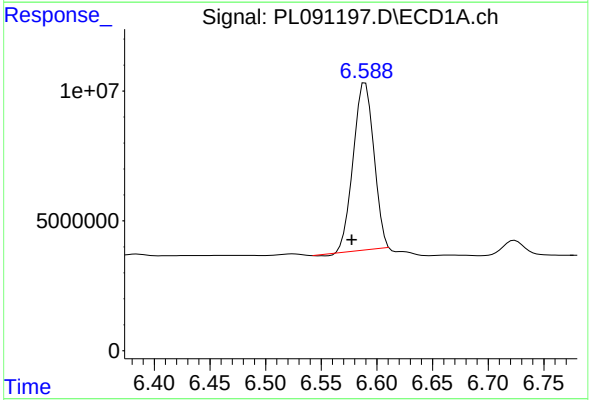
R.T.: 0.000 min
Exp R.T. : 6.348 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



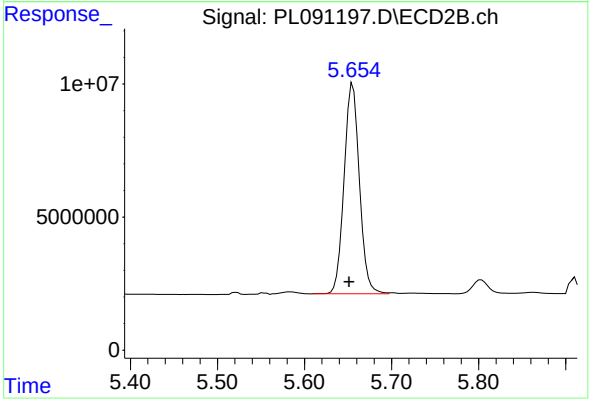
#13 Dieldrin

R.T.: 5.379 min
Delta R.T.: 0.003 min
Response: 676162
Conc: 0.30 ng/ml



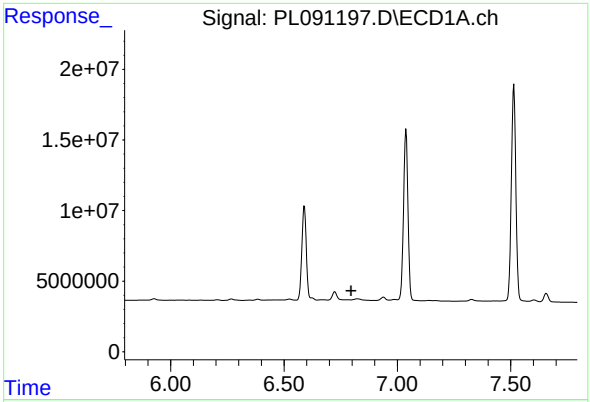
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.012 min
Response: 83106138
Conc: 42.86 ng/ml



#14 Endrin

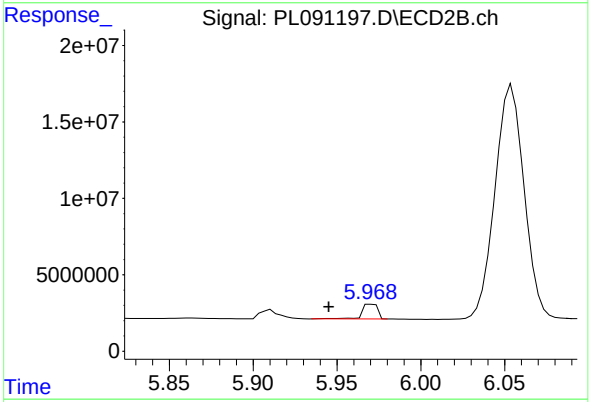
R.T.: 5.655 min
Delta R.T.: 0.004 min
Response: 96665841
Conc: 47.45 ng/ml



#15 Endosulfan II

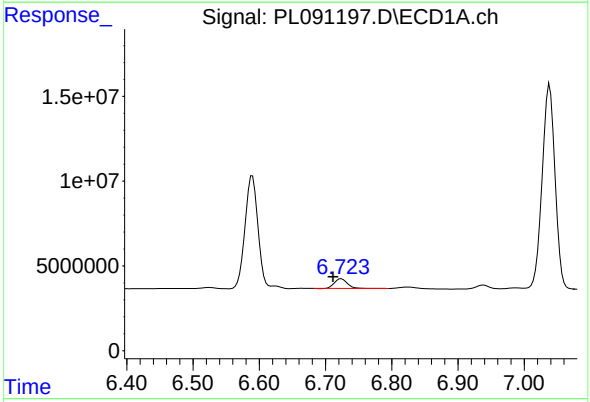
R.T.: 0.000 min
Exp R.T. : 6.796 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



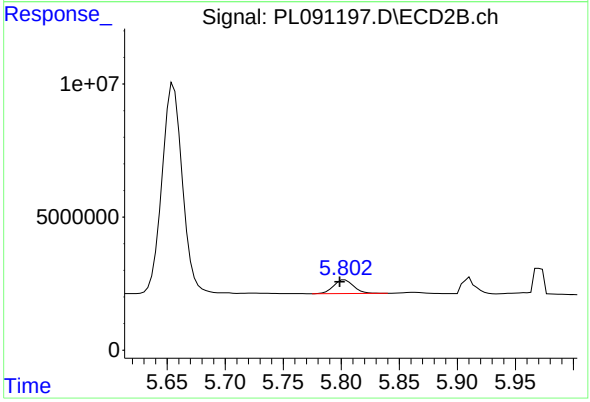
#15 Endosulfan II

R.T.: 5.970 min
Delta R.T.: 0.025 min
Response: 6208095
Conc: 3.21 ng/ml



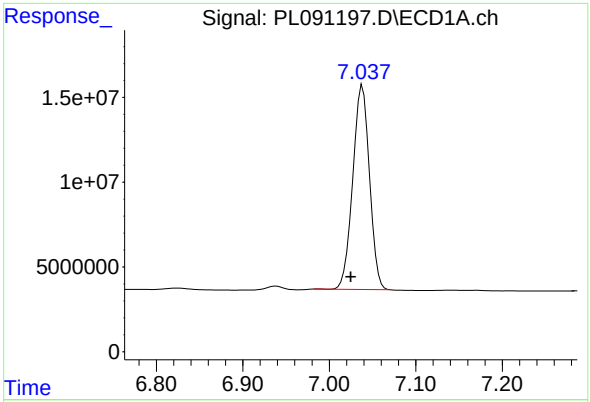
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.013 min
Response: 7779999
Conc: 5.15 ng/ml



#16 4,4'-DDD

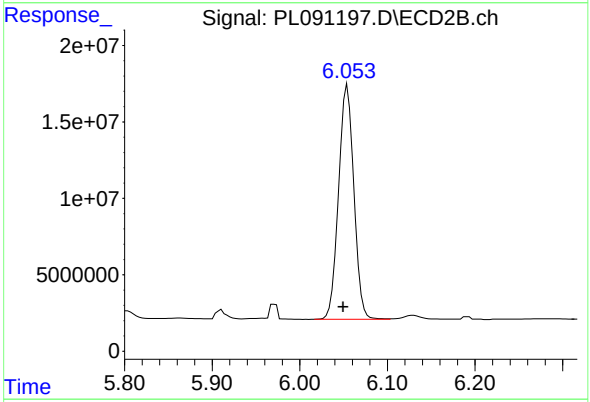
R.T.: 5.803 min
Delta R.T.: 0.004 min
Response: 6144791
Conc: 3.72 ng/ml



#17 4,4'-DDT

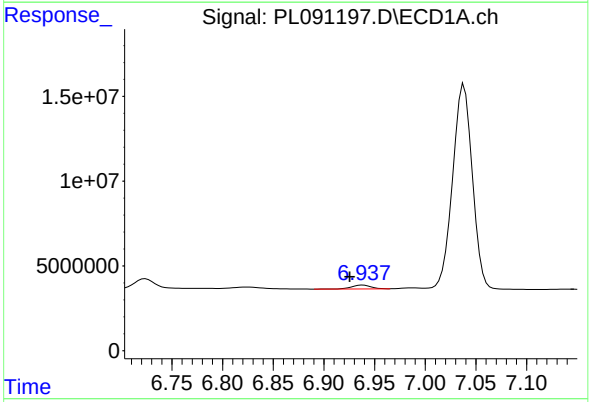
R.T.: 7.038 min
Delta R.T.: 0.013 min
Response: 161735149
Conc: 91.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



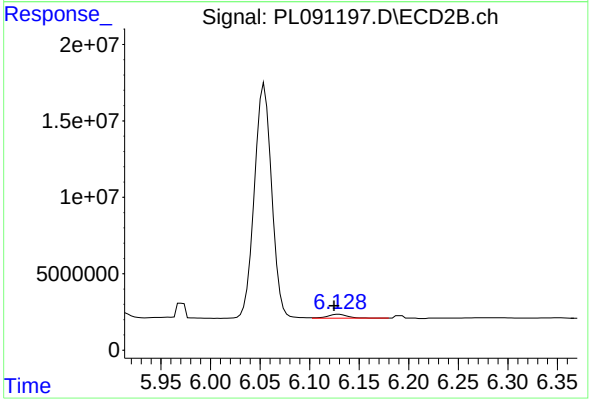
#17 4,4'-DDT

R.T.: 6.054 min
Delta R.T.: 0.005 min
Response: 185898922
Conc: 104.65 ng/ml



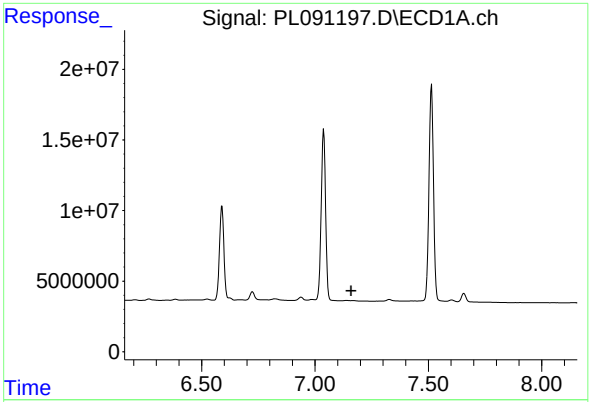
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: 0.013 min
Response: 2945382
Conc: 1.85 ng/ml



#18 Endrin aldehyde

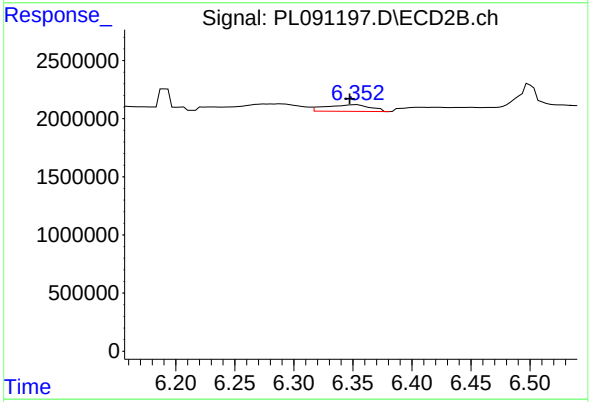
R.T.: 6.129 min
Delta R.T.: 0.005 min
Response: 3459978
Conc: 2.22 ng/ml



#19 Endosulfan Sulfate

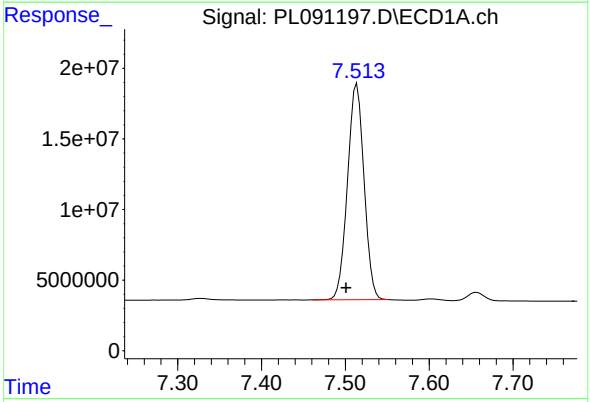
R.T.: 0.000 min
Exp R.T. : 7.160 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



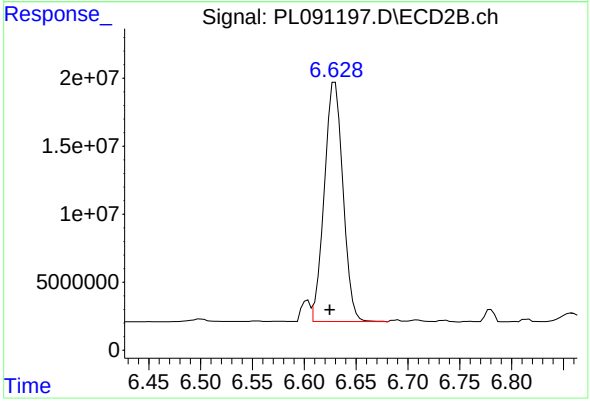
#19 Endosulfan Sulfate

R.T.: 6.352 min
Delta R.T.: 0.005 min
Response: 1500643
Conc: 0.78 ng/ml



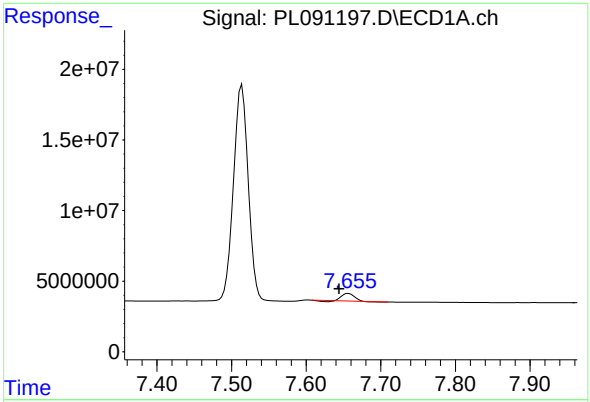
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: 0.013 min
Response: 210191867
Conc: 223.55 ng/ml



#20 Methoxychlor

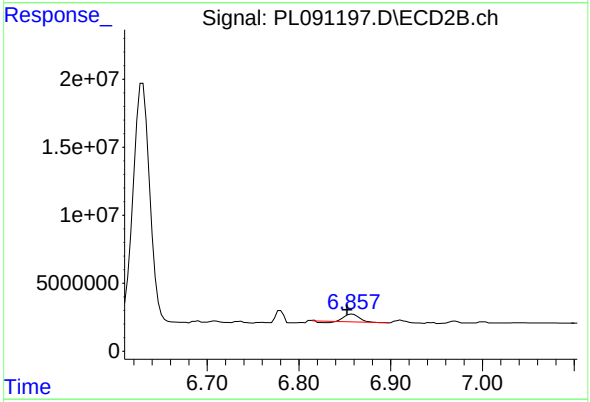
R.T.: 6.630 min
Delta R.T.: 0.005 min
Response: 220524801
Conc: 222.08 ng/ml



#21 Endrin ketone

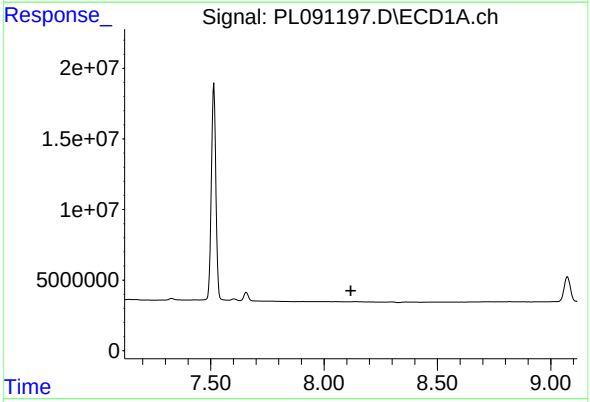
R.T.: 7.657 min
Delta R.T.: 0.012 min
Response: 5217005
Conc: 2.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



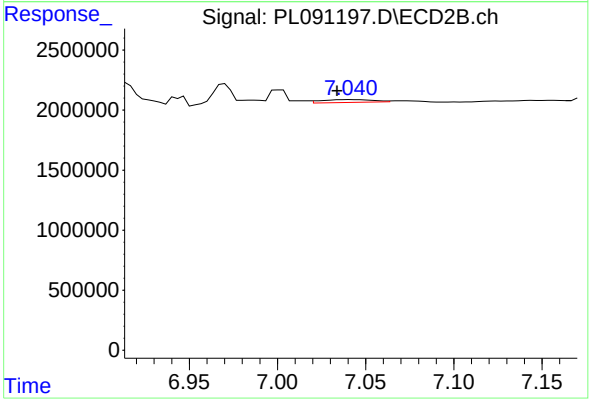
#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: 0.006 min
Response: 5880041
Conc: 2.70 ng/ml



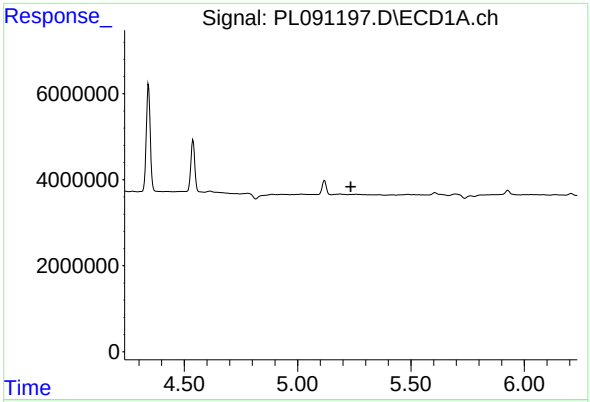
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.118 min
Response: 0
Conc: N.D.



#22 Mirex

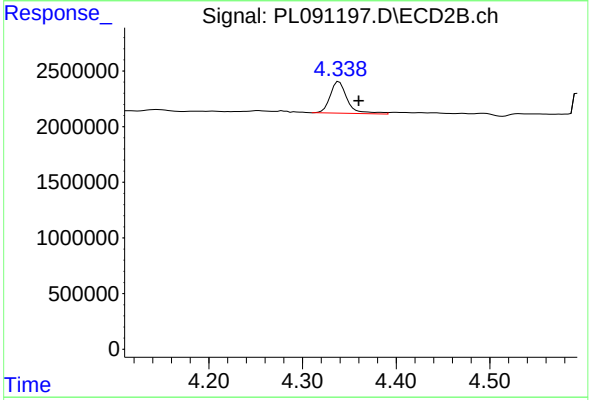
R.T.: 7.041 min
Delta R.T.: 0.007 min
Response: 487513
Conc: 0.26 ng/ml



#24 Chlordane-2

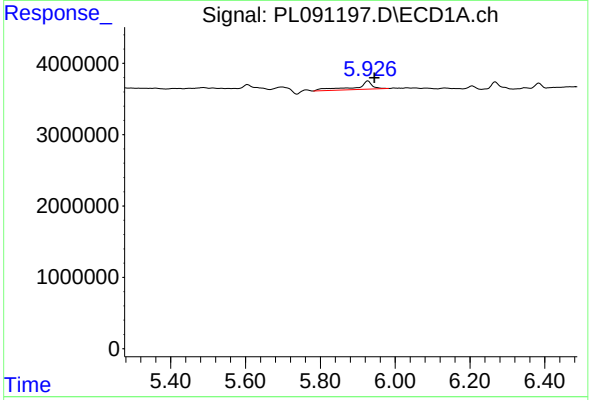
R.T.: 0.000 min
Exp R.T. : 5.234 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



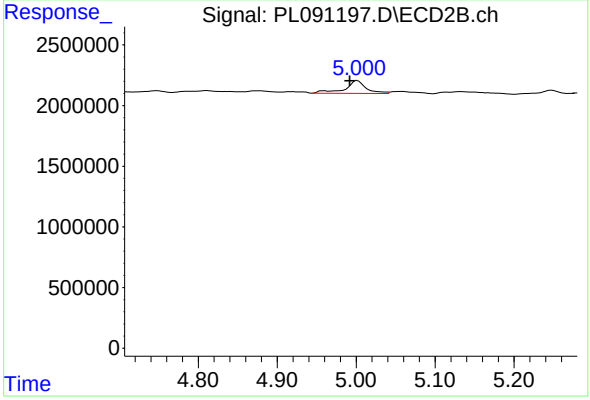
#24 Chlordane-2

R.T.: 4.339 min
Delta R.T.: -0.021 min
Response: 3623487
Conc: 38.57 ng/ml



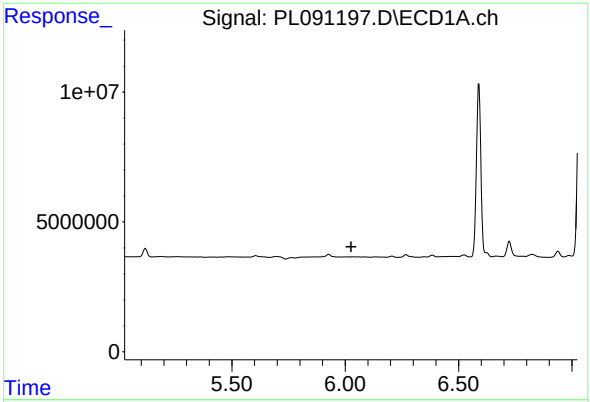
#25 Chlordane-3

R.T.: 5.927 min
Delta R.T.: -0.017 min
Response: 3714050
Conc: 10.69 ng/ml



#25 Chlordane-3

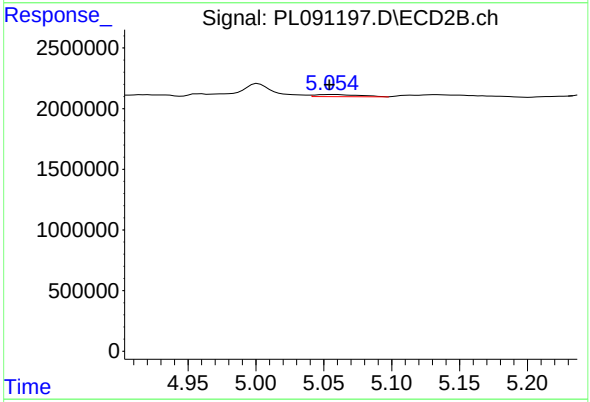
R.T.: 5.002 min
Delta R.T.: 0.010 min
Response: 1962625
Conc: 8.08 ng/ml



#26 Chlordane-4

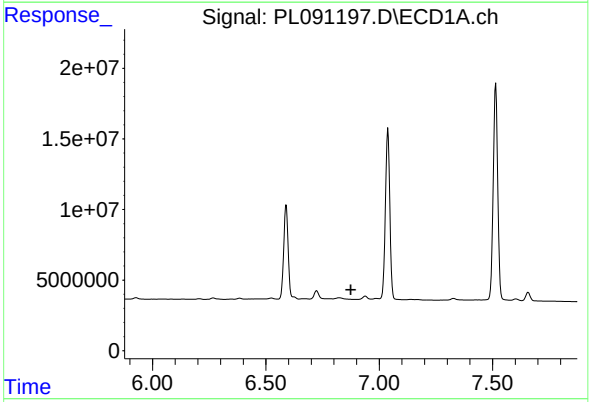
R.T.: 0.000 min
Exp R.T. : 6.026 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



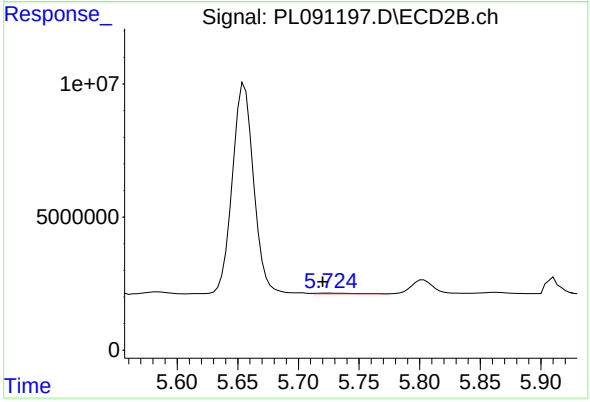
#26 Chlordane-4

R.T.: 5.056 min
Delta R.T.: 0.002 min
Response: 398663
Conc: 1.71 ng/ml



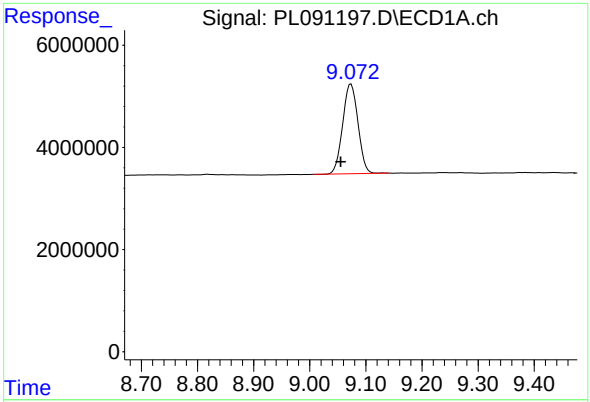
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.875 min
Response: 0
Conc: N.D.



#27 Chlordane-5

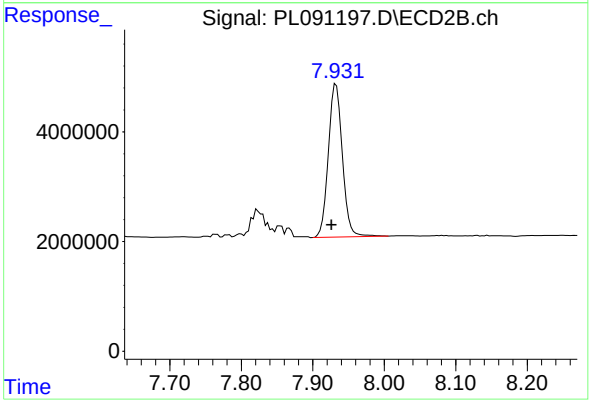
R.T.: 5.726 min
Delta R.T.: 0.005 min
Response: 394017
Conc: 5.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.018 min
Response: 33311273
Conc: 21.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: 0.007 min
Response: 38224138
Conc: 20.18 ng/ml