Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072424\
Data File : PL090635.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2024 11:12
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: Jul 25 01:01:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 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...	3.546	2.788	54932811	35658606	26.382	21.188	
28)	SA Decachlor...	9.062	7.933	31423487	33632283	23.647	23.066	
	Target Compounds							
2)	A alpha-BHC	4.002	3.292	32916157	24102086	11.093	9.976	
3)	MA gamma-BHC...	4.335	3.622	31203012	22549681	11.142	9.779	
4)	MA Heptachlor	0.000	3.972	0	18195	N.D.	0.008	#
5)	MB Aldrin	0.000	4.254	0	203243	N.D.	0.096	#
6)	B beta-BHC	4.530	3.921	18262153	11726413	14.396	11.361	
7)	B delta-BHC	0.000	4.149	0	63574	N.D.	0.029	#
8)	B Heptachlo...	0.000	4.745	0	27139	N.D.	0.014	#
9)	A Endosulfan I	0.000	5.120	0	92392	N.D.	0.051	#
10)	B gamma-Chl...	0.000	5.003	0	427582	N.D.	0.211	#
11)	B alpha-Chl...	0.000	5.067	0	71298	N.D.	0.035	#
12)	B 4,4'-DDE	0.000	5.250	0	606210	N.D.	0.339	#
13)	MA Dieldrin	0.000	5.379	0	50233	N.D.	0.026	#
14)	MA Endrin	6.582	5.657	85228825	78603079	46.359	45.670	
15)	B Endosulfa...	6.820f	5.966	3422225	1418731	1.740	0.830	#
16)	A 4,4'-DDD	6.715	5.804	9391324	6786014	5.563	4.529	
17)	MA 4,4'-DDT	7.030	6.055	153.7E6	157.7E6	91.294	107.635	
18)	B Endrin al...	6.930	6.130	4634497	4145461	3.124	3.173	
19)	B Endosulfa...	0.000	6.341	0	290630	N.D.	0.180	#
20)	A Methoxychlor	7.505	6.630	198.3E6	194.8E6	224.620	240.892	
21)	B Endrin ke...	7.648	6.858	10249093	8621888	5.369	4.718	
22)	Mirex	0.000	7.054	0	50736	N.D.	0.034	#
23)	Chlordane-1	0.000	3.801	0	17508	N.D.	0.283	#
24)	Chlordane-2	0.000	4.374	0	52380	N.D.	0.691	#
25)	Chlordane-3	0.000	5.003	0	427582	N.D.	2.069	#
26)	Chlordane-4	0.000	5.067	0	71298	N.D.	0.364	#
27)	Chlordane-5	0.000	5.753f	0	257447	N.D.	4.271	#

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

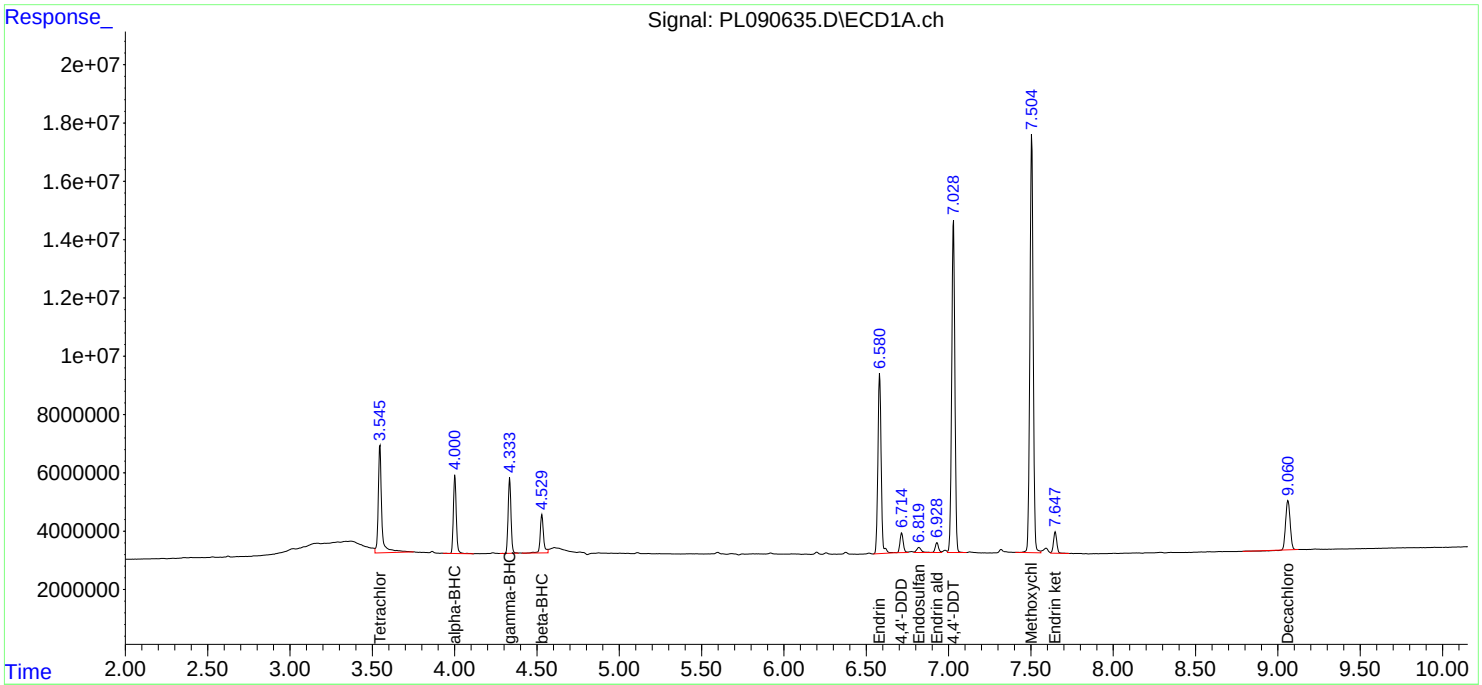
Quantitation Report (Not Reviewed)

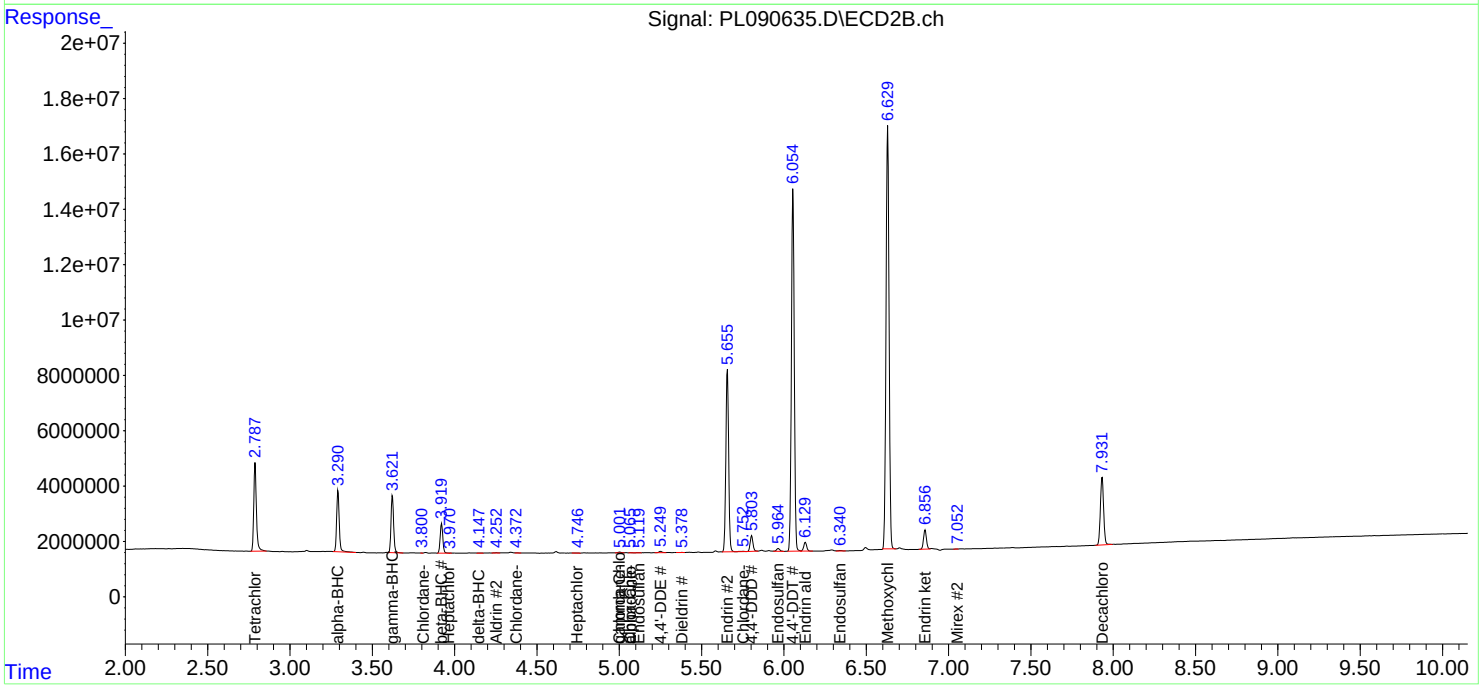
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072424\
Data File : PL090635.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2024 11:12
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

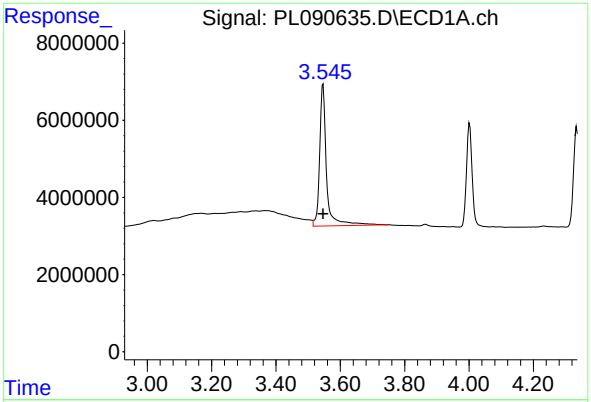
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 01:01:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 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



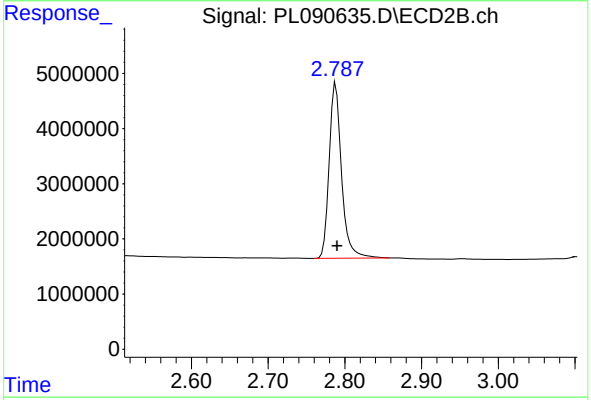




#1 Tetrachloro-m-xylene

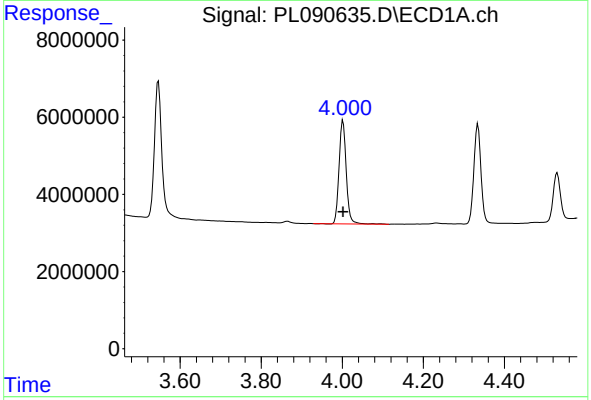
R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 54932811
Conc: 26.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



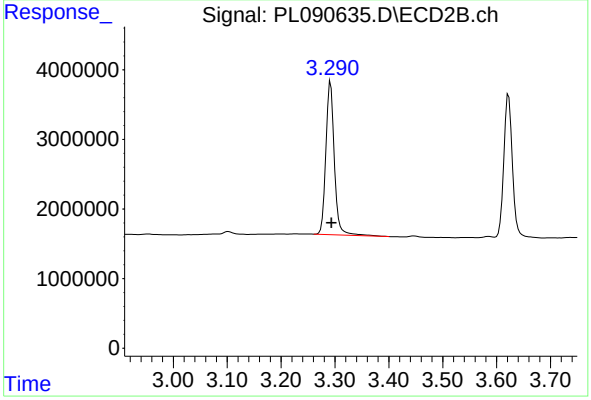
#1 Tetrachloro-m-xylene

R.T.: 2.788 min
Delta R.T.: -0.002 min
Response: 35658606
Conc: 21.19 ng/ml



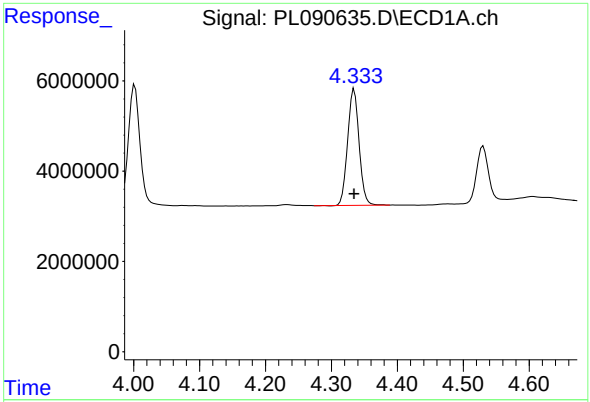
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 32916157
Conc: 11.09 ng/ml



#2 alpha-BHC

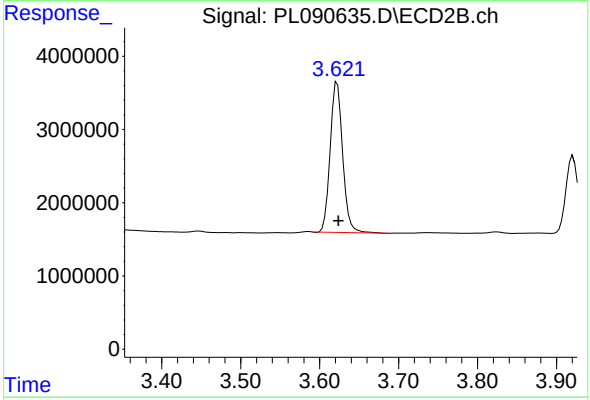
R.T.: 3.292 min
Delta R.T.: -0.002 min
Response: 24102086
Conc: 9.98 ng/ml



#3 gamma-BHC (Lindane)

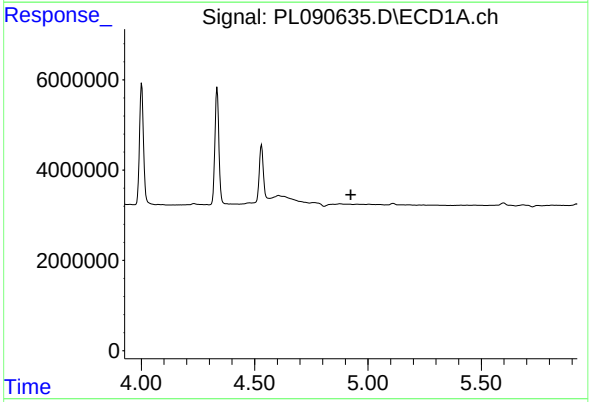
R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 31203012
Conc: 11.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



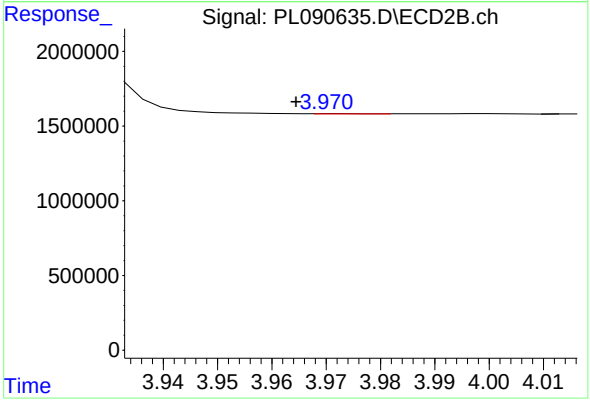
#3 gamma-BHC (Lindane)

R.T.: 3.622 min
Delta R.T.: -0.001 min
Response: 22549681
Conc: 9.78 ng/ml



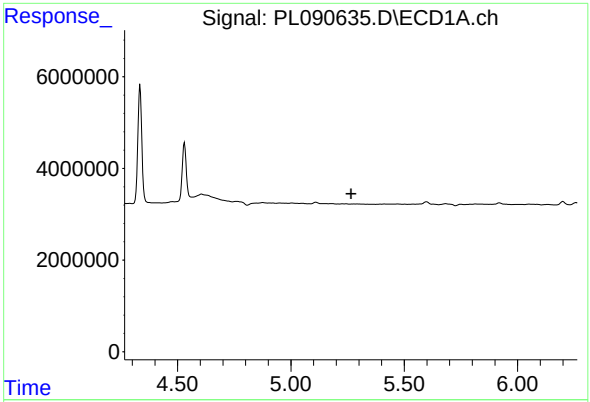
#4 Heptachlor

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



#4 Heptachlor

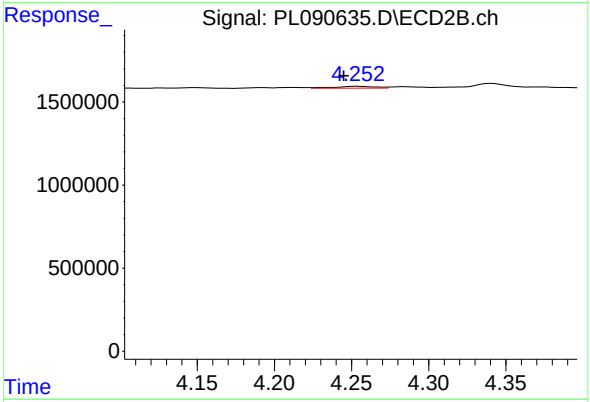
R.T.: 3.972 min
Delta R.T.: 0.008 min
Response: 18195
Conc: 0.01 ng/ml



#5 Aldrin

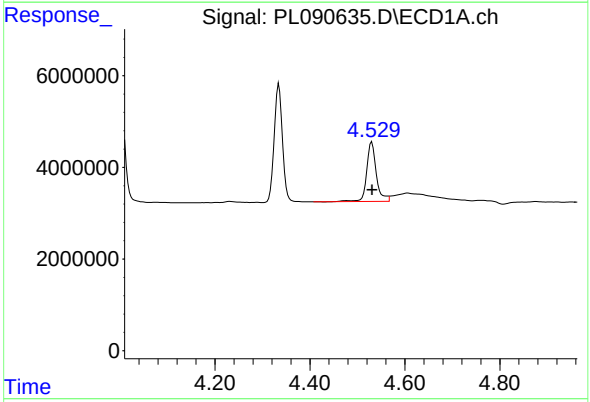
R.T.: 0.000 min
Exp R.T. : 5.266 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



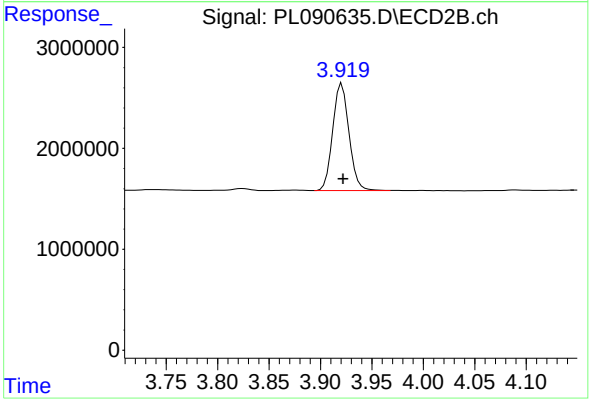
#5 Aldrin

R.T.: 4.254 min
Delta R.T.: 0.009 min
Response: 203243
Conc: 0.10 ng/ml



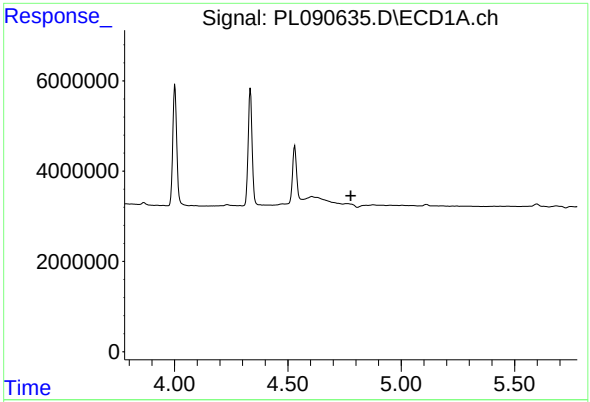
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 18262153
Conc: 14.40 ng/ml



#6 beta-BHC

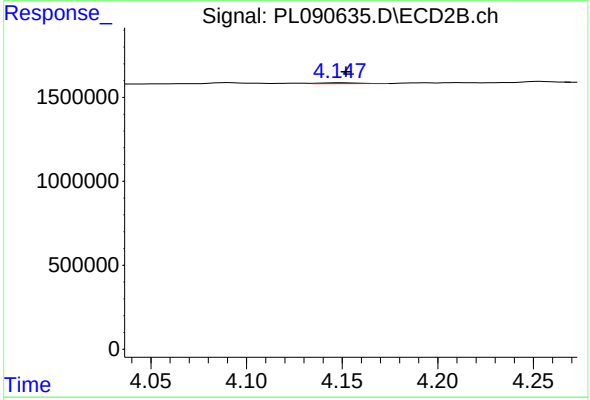
R.T.: 3.921 min
Delta R.T.: -0.001 min
Response: 11726413
Conc: 11.36 ng/ml



#7 delta-BHC

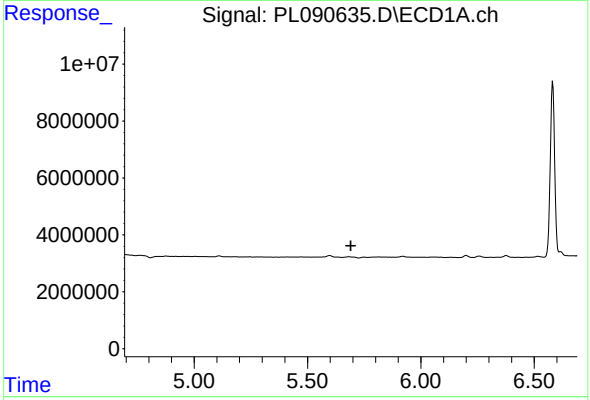
R.T.: 0.000 min
Exp R.T. : 4.778 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



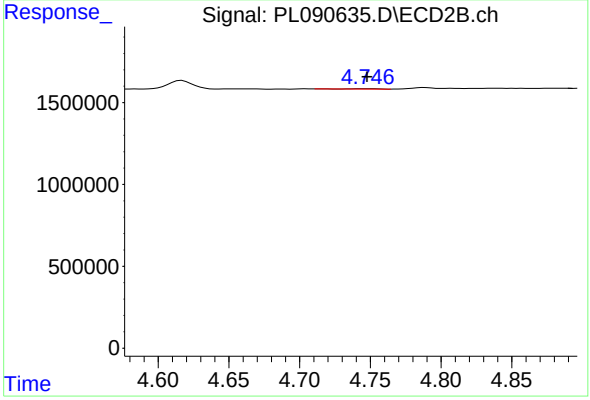
#7 delta-BHC

R.T.: 4.149 min
Delta R.T.: -0.003 min
Response: 63574
Conc: 0.03 ng/ml



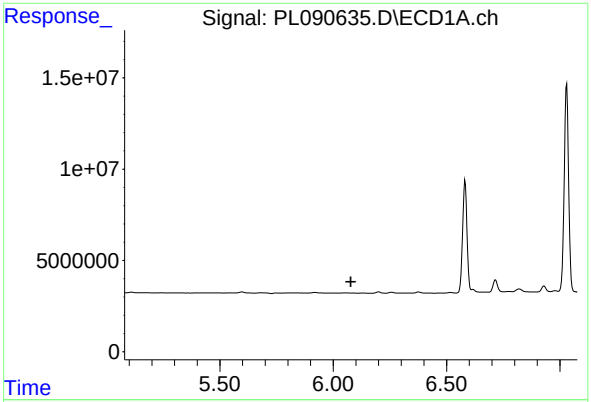
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.691 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

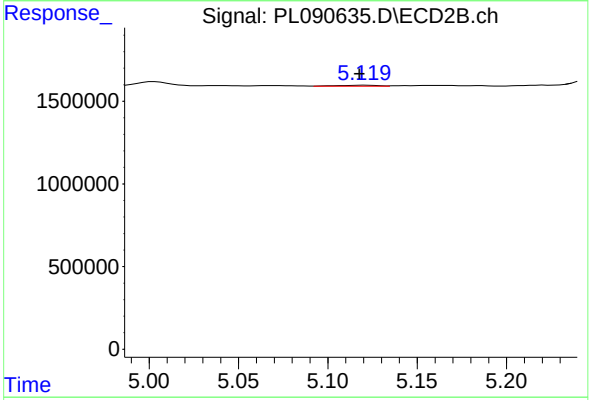
R.T.: 4.745 min
Delta R.T.: -0.003 min
Response: 27139
Conc: 0.01 ng/ml



#9 Endosulfan I

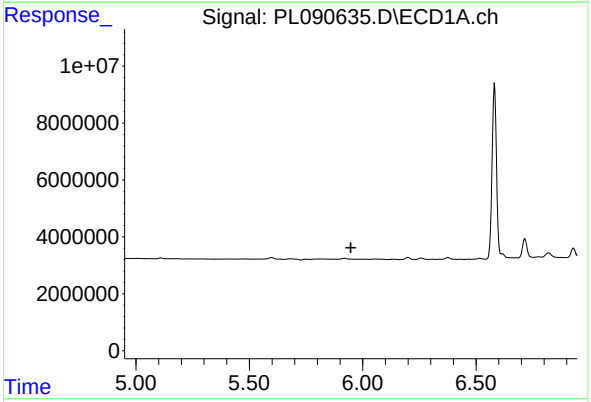
R.T.: 0.000 min
Exp R.T. : 6.077 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



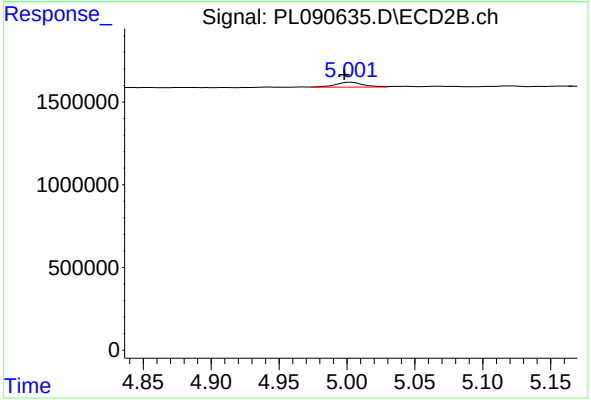
#9 Endosulfan I

R.T.: 5.120 min
Delta R.T.: 0.002 min
Response: 92392
Conc: 0.05 ng/ml



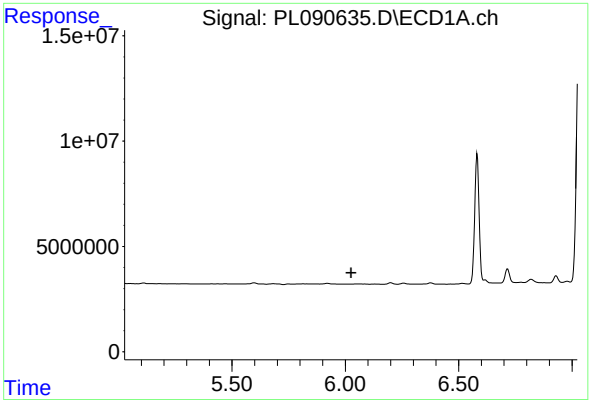
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.947 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

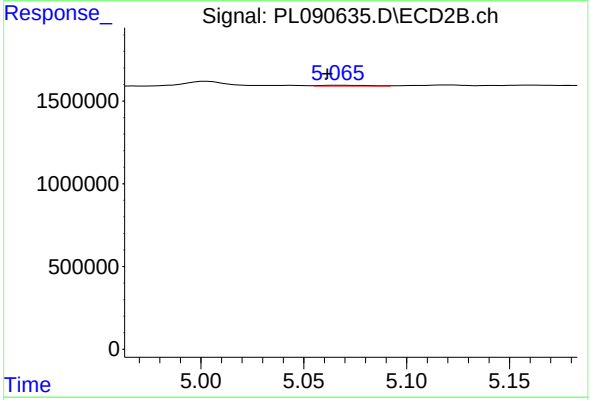
R.T.: 5.003 min
Delta R.T.: 0.005 min
Response: 427582
Conc: 0.21 ng/ml



#11 alpha-Chlordane

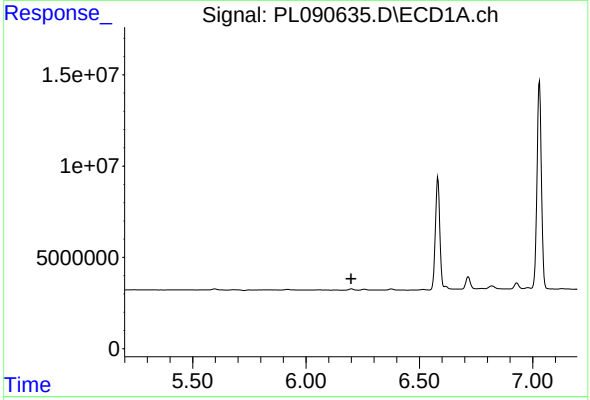
R.T.: 0.000 min
Exp R.T. : 6.026 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



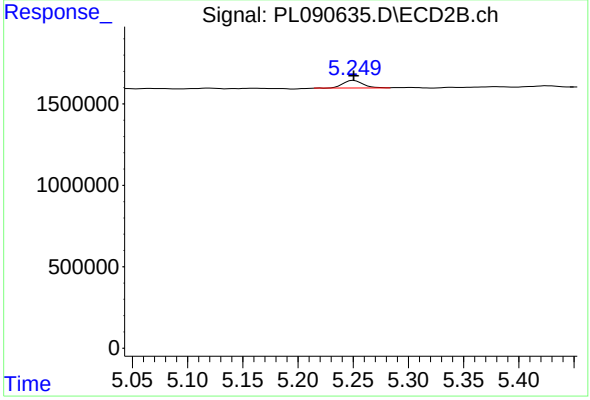
#11 alpha-Chlordane

R.T.: 5.067 min
Delta R.T.: 0.006 min
Response: 71298
Conc: 0.04 ng/ml



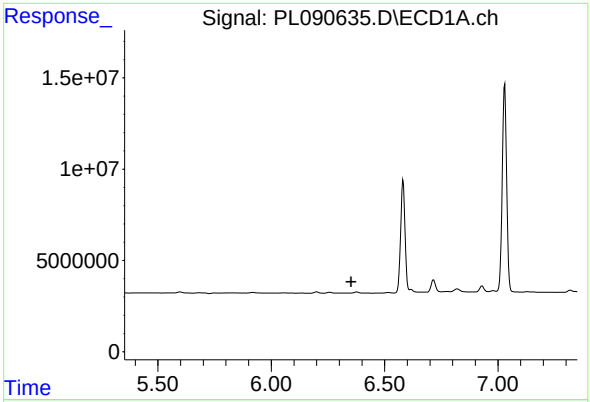
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.199 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

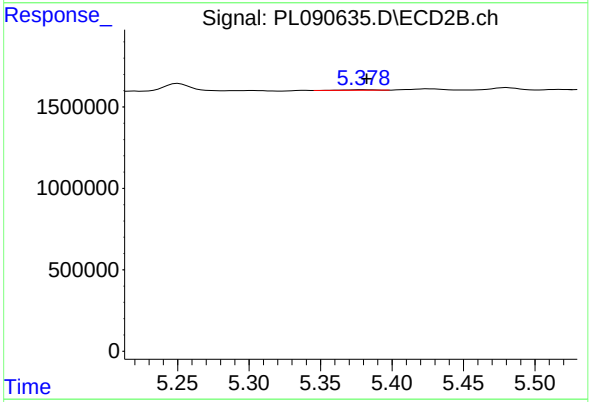
R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 606210
Conc: 0.34 ng/ml



#13 Dieldrin

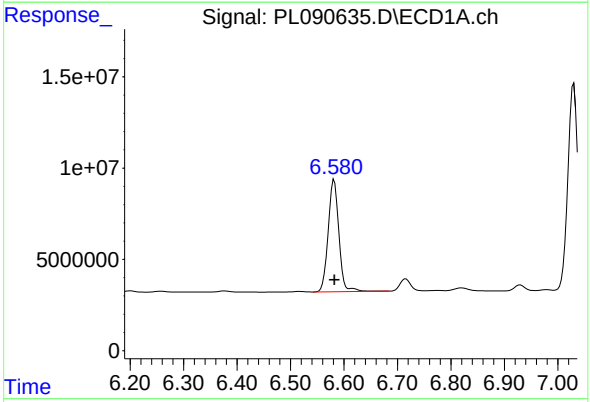
R.T.: 0.000 min
Exp R.T. : 6.352 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



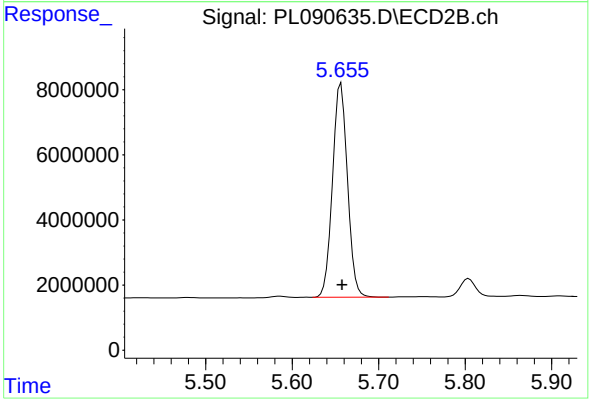
#13 Dieldrin

R.T.: 5.379 min
Delta R.T.: -0.003 min
Response: 50233
Conc: 0.03 ng/ml



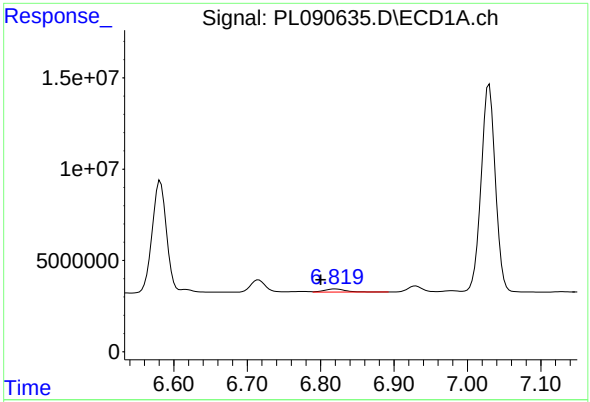
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 85228825
Conc: 46.36 ng/ml



#14 Endrin

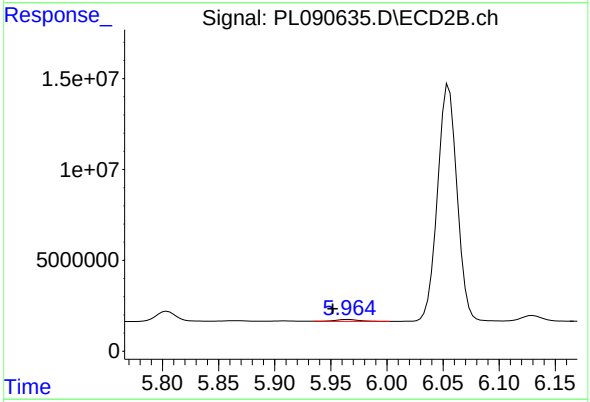
R.T.: 5.657 min
Delta R.T.: -0.001 min
Response: 78603079
Conc: 45.67 ng/ml



#15 Endosulfan II

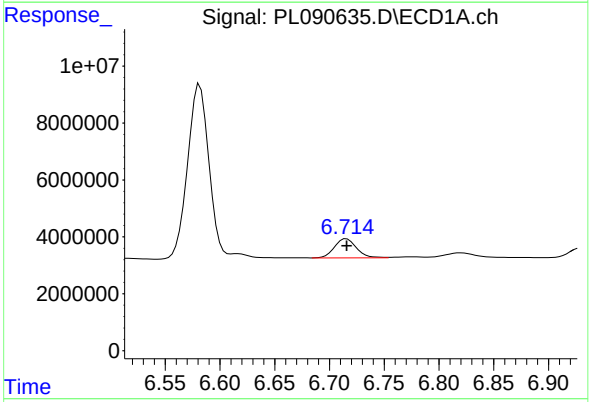
R.T.: 6.820 min
Delta R.T.: 0.020 min
Response: 3422225
Conc: 1.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



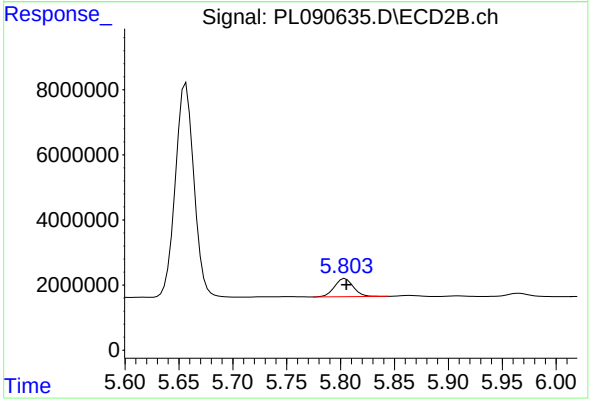
#15 Endosulfan II

R.T.: 5.966 min
Delta R.T.: 0.014 min
Response: 1418731
Conc: 0.83 ng/ml



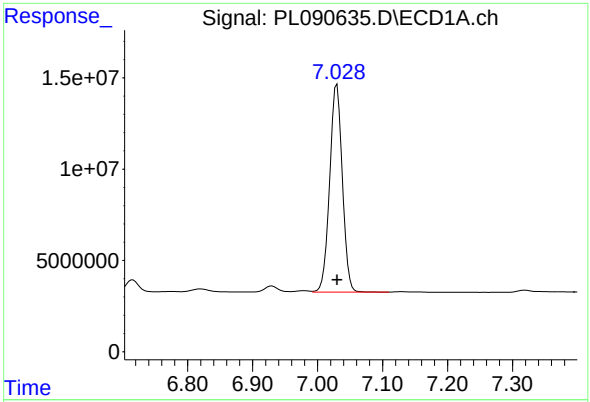
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 9391324
Conc: 5.56 ng/ml



#16 4,4'-DDD

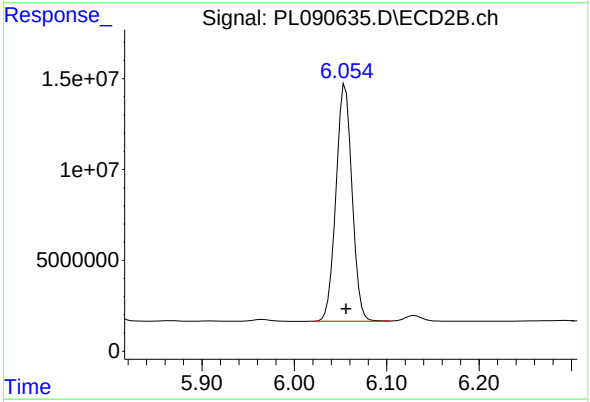
R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 6786014
Conc: 4.53 ng/ml



#17 4,4'-DDT

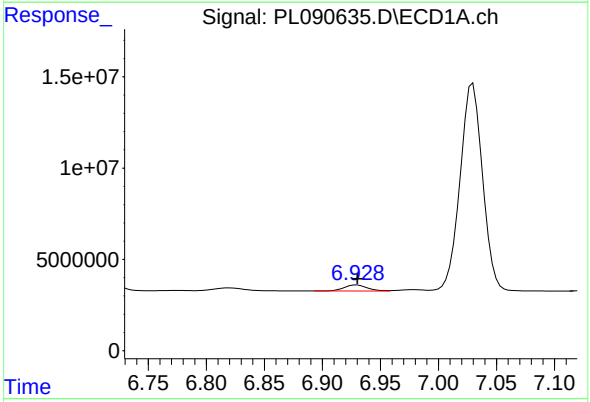
R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 153674414
Conc: 91.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



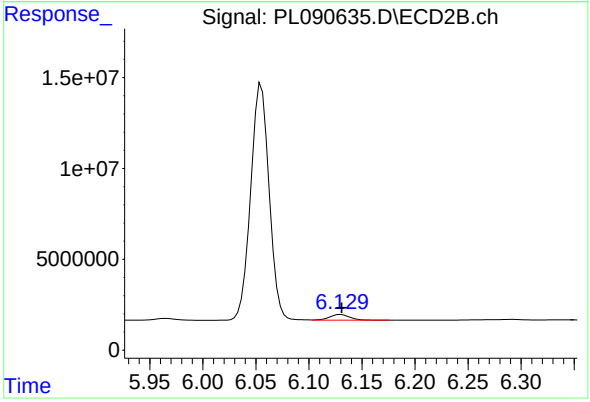
#17 4,4'-DDT

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 157702655
Conc: 107.64 ng/ml



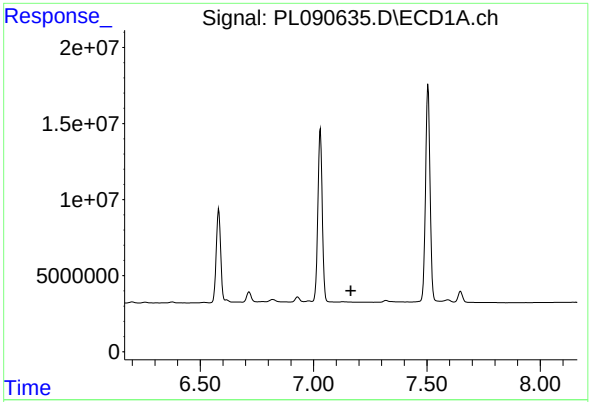
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 4634497
Conc: 3.12 ng/ml



#18 Endrin aldehyde

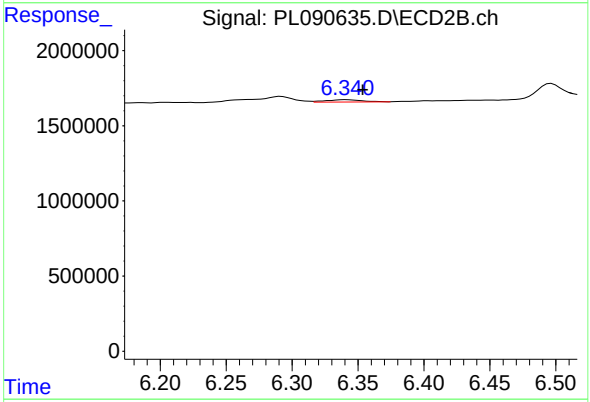
R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 4145461
Conc: 3.17 ng/ml



#19 Endosulfan Sulfate

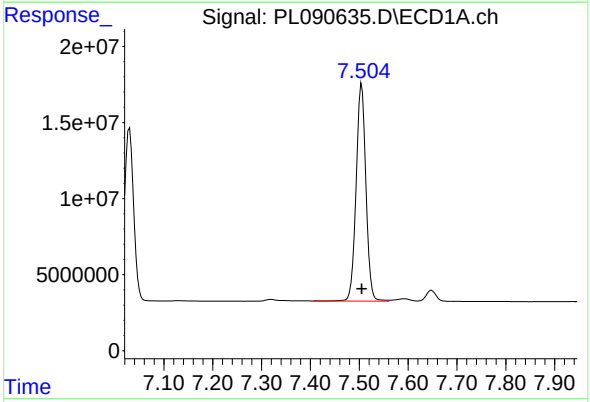
R.T.: 0.000 min
Exp R.T. : 7.164 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



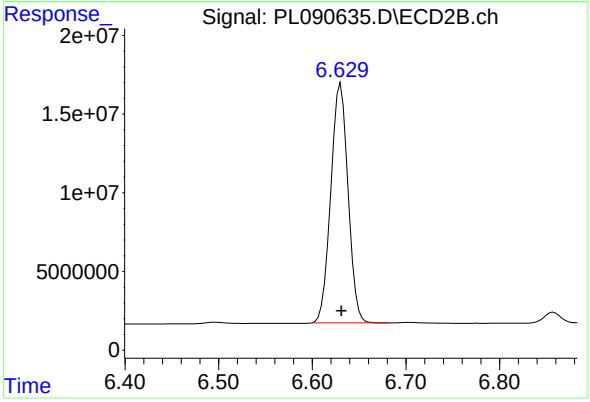
#19 Endosulfan Sulfate

R.T.: 6.341 min
Delta R.T.: -0.012 min
Response: 290630
Conc: 0.18 ng/ml



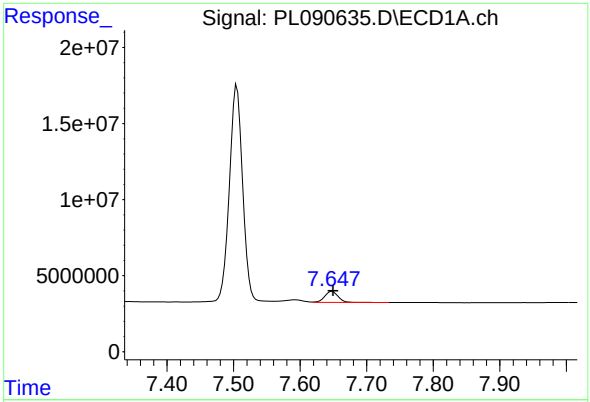
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 198319554
Conc: 224.62 ng/ml



#20 Methoxychlor

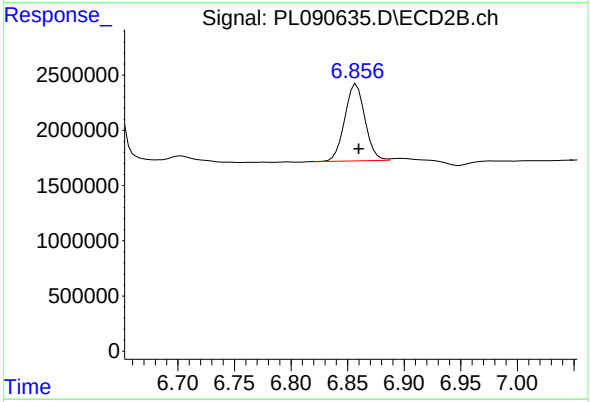
R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 194772540
Conc: 240.89 ng/ml



#21 Endrin ketone

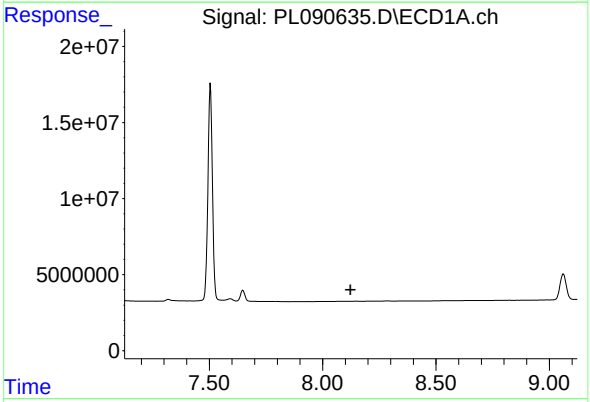
R.T.: 7.648 min
Delta R.T.: -0.001 min
Response: 10249093
Conc: 5.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



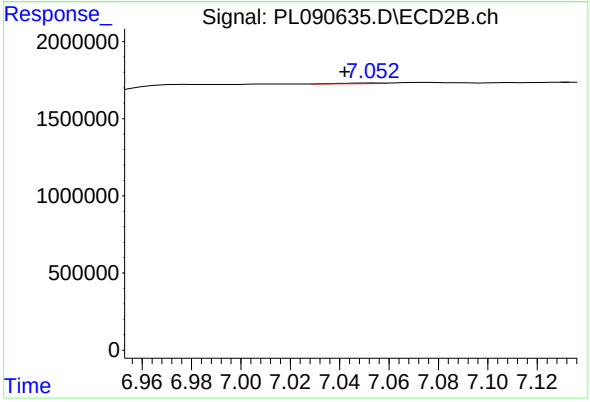
#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: -0.002 min
Response: 8621888
Conc: 4.72 ng/ml



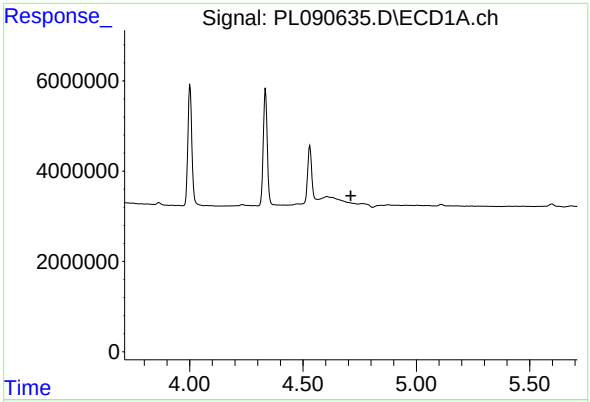
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.123 min
Response: 0
Conc: N.D.



#22 Mirex

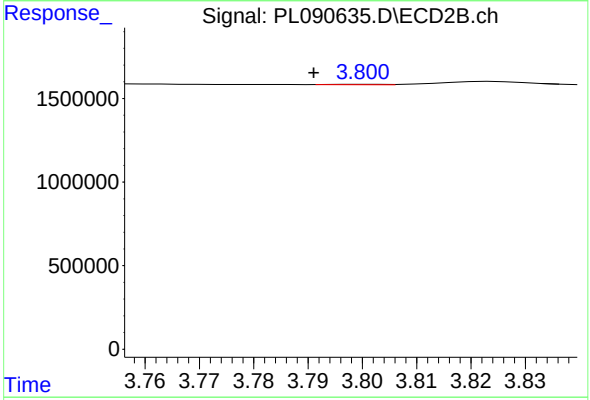
R.T.: 7.054 min
Delta R.T.: 0.012 min
Response: 50736
Conc: 0.03 ng/ml



#23 Chlordane-1

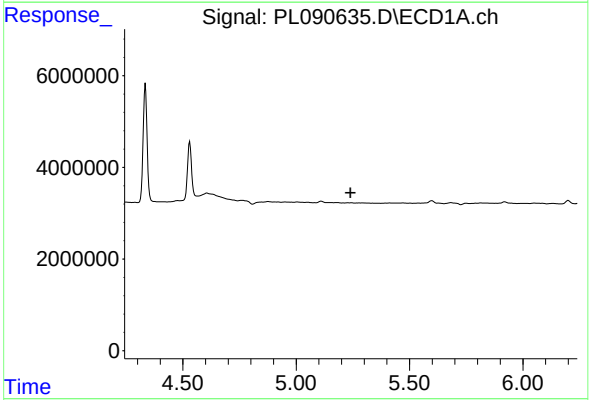
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



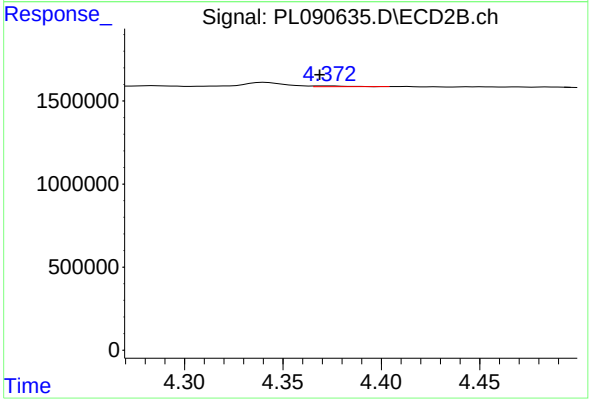
#23 Chlordane-1

R.T.: 3.801 min
Delta R.T.: 0.010 min
Response: 17508
Conc: 0.28 ng/ml



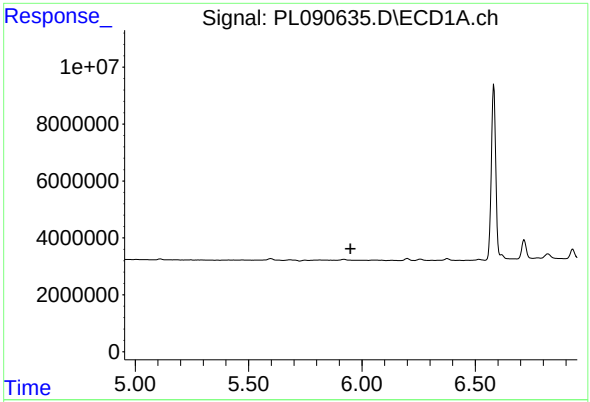
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.240 min
Response: 0
Conc: N.D.



#24 Chlordane-2

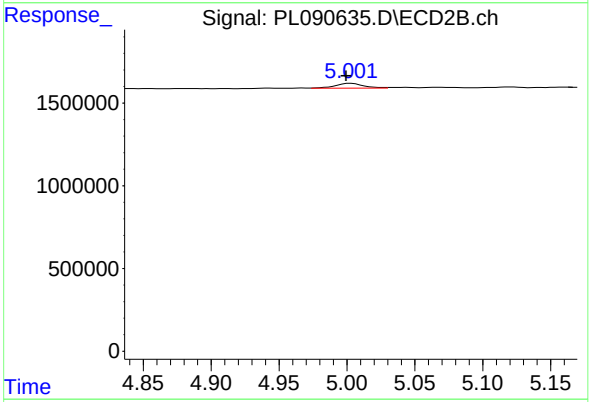
R.T.: 4.374 min
Delta R.T.: 0.005 min
Response: 52380
Conc: 0.69 ng/ml



#25 Chlordane-3

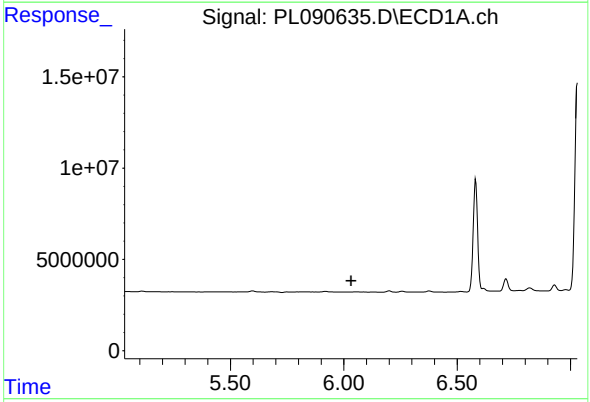
R.T.: 0.000 min
Exp R.T. : 5.950 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



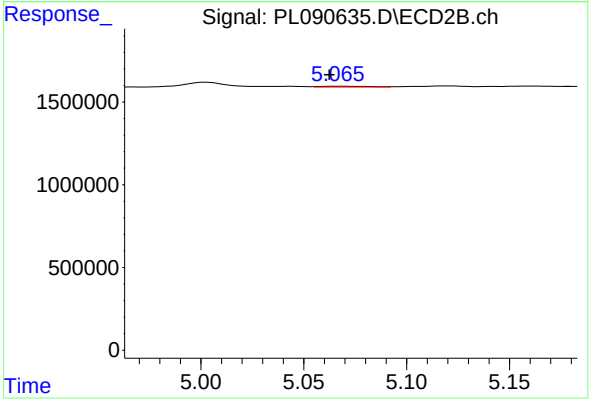
#25 Chlordane-3

R.T.: 5.003 min
Delta R.T.: 0.004 min
Response: 427582
Conc: 2.07 ng/ml



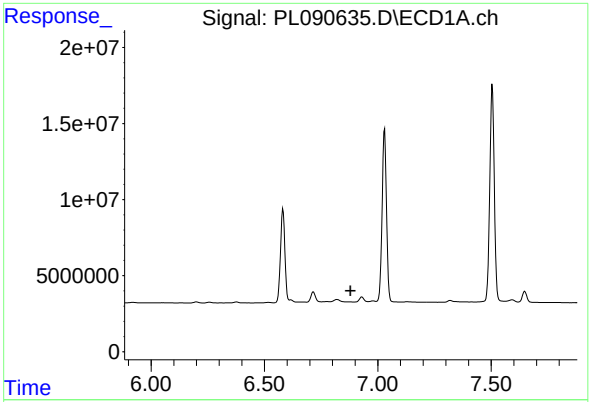
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.032 min
Response: 0
Conc: N.D.



#26 Chlordane-4

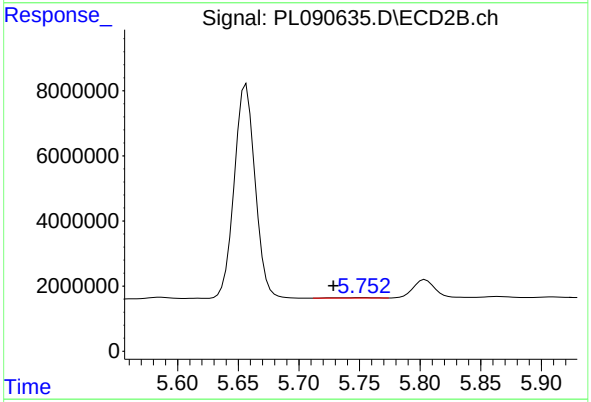
R.T.: 5.067 min
Delta R.T.: 0.005 min
Response: 71298
Conc: 0.36 ng/ml



#27 Chlordane-5

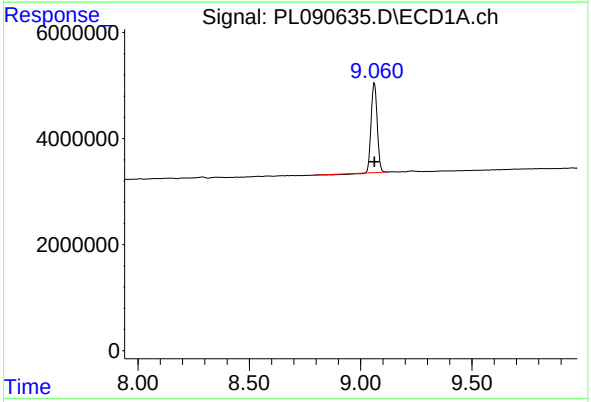
R.T.: 0.000 min
Exp R.T. : 6.880 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



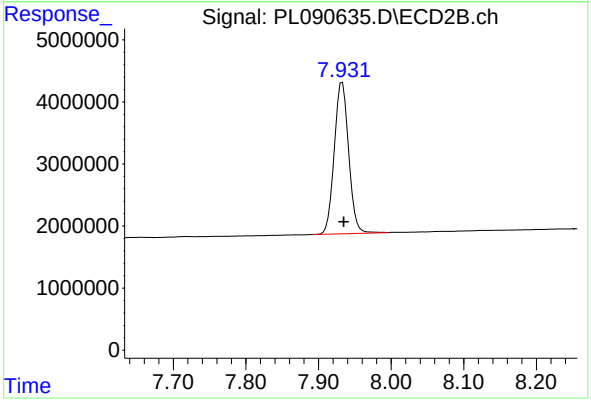
#27 Chlordane-5

R.T.: 5.753 min
Delta R.T.: 0.025 min
Response: 257447
Conc: 4.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.001 min
Response: 31423487
Conc: 23.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: -0.002 min
Response: 33632283
Conc: 23.07 ng/ml