Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022624\
Data File : PL088295.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2024 17:14
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: Feb 26 23:58:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 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...	3.634	2.853	55500826	26660478	20.206	19.009	
28)	SA Decachlor...	9.301	8.083	48979517	28682812	25.432	22.527	
	Target Compounds							
2)	A alpha-BHC	4.099	3.367	38347683	18173293	9.187	8.844	
3)	MA gamma-BHC...	4.437	3.704	37456119	17233774	9.249	8.606	
5)	MB Aldrin	0.000	4.345	0	131232	N.D.	0.068	#
6)	B beta-BHC	4.635	4.005	19862567	8955849	11.405	10.062	
7)	B delta-BHC	0.000	4.240	0	57935	N.D.	0.029	#
8)	B Heptachlo...	5.810	0.000	1031031	0	0.294	N.D.	#
9)	A Endosulfan I	0.000	5.225	0	26040	N.D.	0.016	#
10)	B gamma-Chl...	0.000	5.111	0	158733	N.D.	0.089	#
11)	B alpha-Chl...	0.000	5.154f	0	24078	N.D.	0.014	#
12)	B 4,4'-DDE	6.331	5.362	393850	245137	0.130	0.154	
13)	MA Dieldrin	0.000	5.507	0	28025	N.D.	0.016	#
14)	MA Endrin	6.718	5.773	129.3E6	70584278	49.728	47.209	
15)	B Endosulfa...	6.951	6.088f	1646694	510922	0.575	0.335	#
16)	A 4,4'-DDD	6.852	5.924	4335831	2578883	1.672	1.888	
17)	MA 4,4'-DDT	7.171	6.179	269.0E6	147.5E6	102.306	108.027	
18)	B Endrin al...	7.070	6.254	3011422	2098532	1.456	1.921	#
19)	B Endosulfa...	0.000	6.505f	0	44715	N.D.	0.032	#
20)	A Methoxychlor	7.651	6.762	355.3E6	194.2E6	268.421	247.762	
21)	B Endrin ke...	7.798	6.991	6783744	4579288	2.422	2.735	
22)	Mirex	0.000	7.202f	0	216434	N.D.	0.165	#
23)	Chlordane-1	0.000	3.868	0	11883	N.D.	0.231	#
24)	Chlordane-2	0.000	4.465	0	23024	N.D.	0.362	#
25)	Chlordane-3	0.000	5.111	0	158733	N.D.	0.853	#
26)	Chlordane-4	0.000	5.154	0	24078	N.D.	0.139	#

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

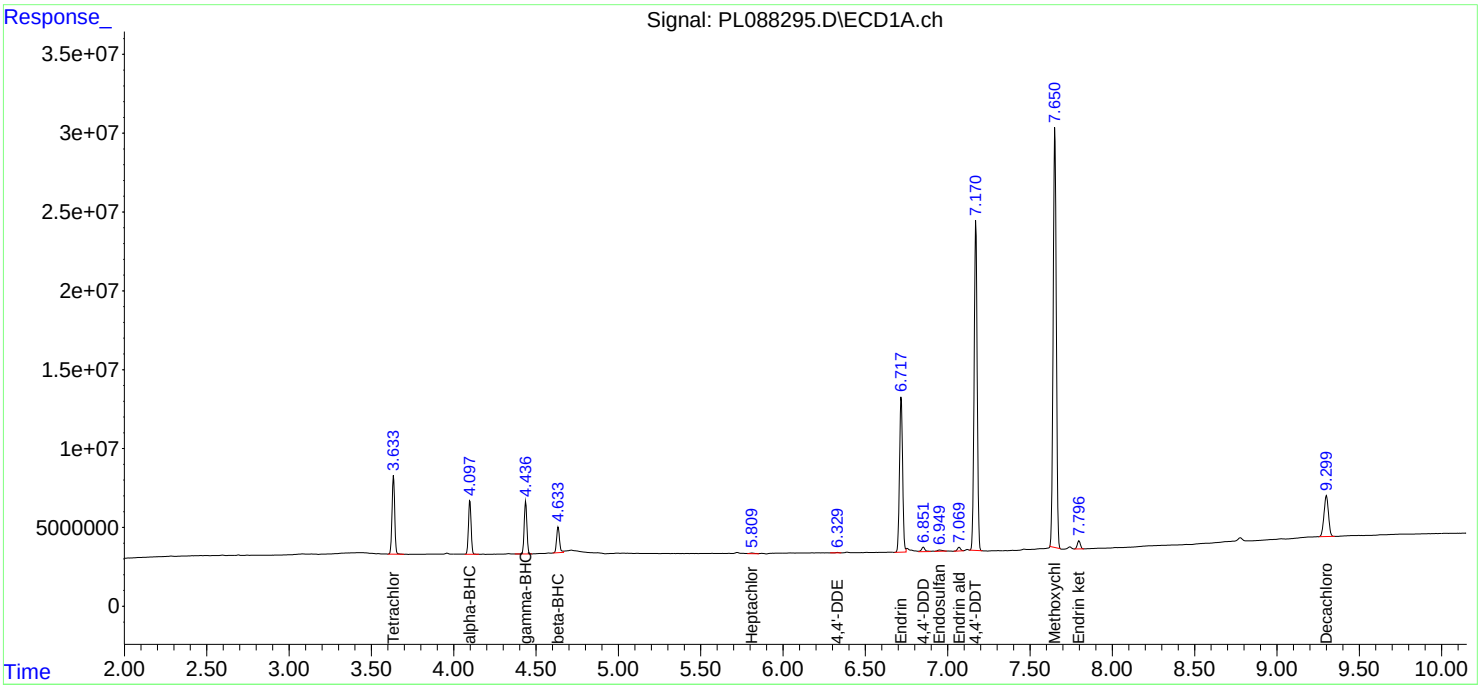
Quantitation Report (Not Reviewed)

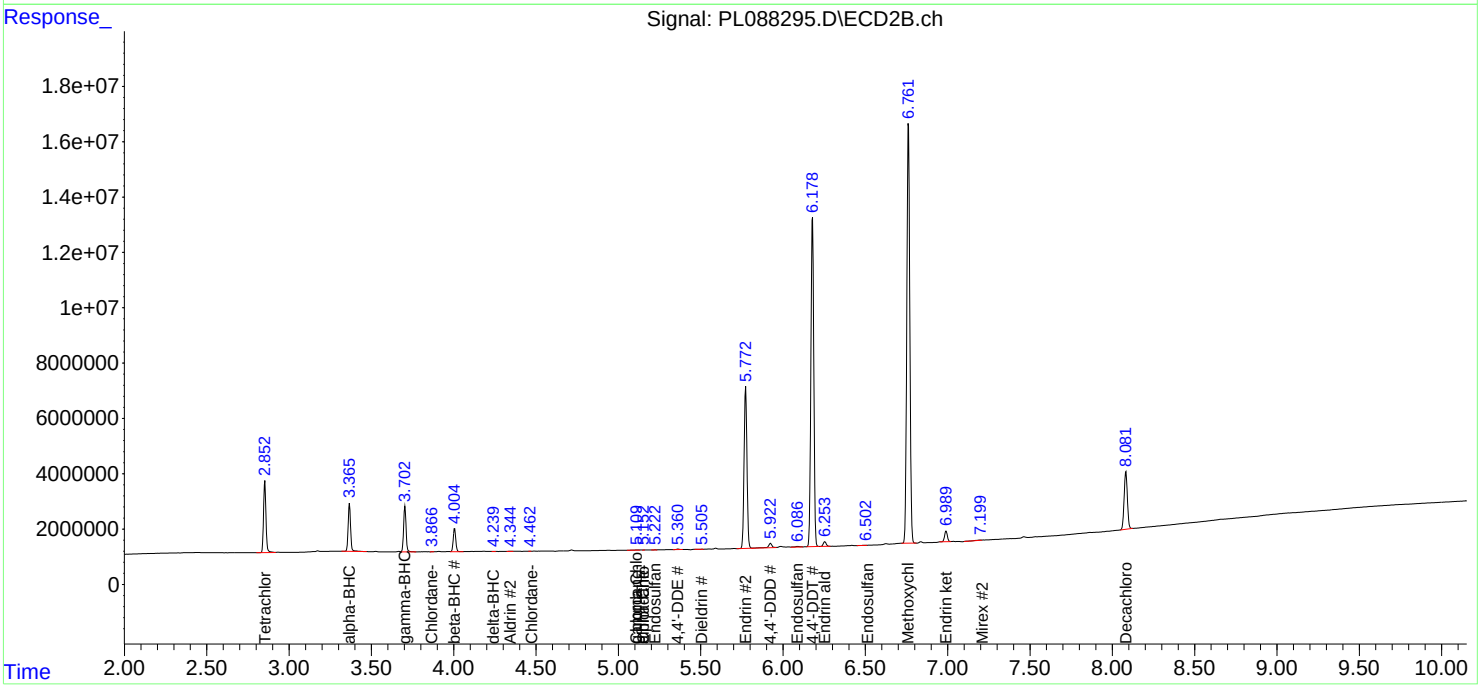
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022624\
Data File : PL088295.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2024 17:14
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

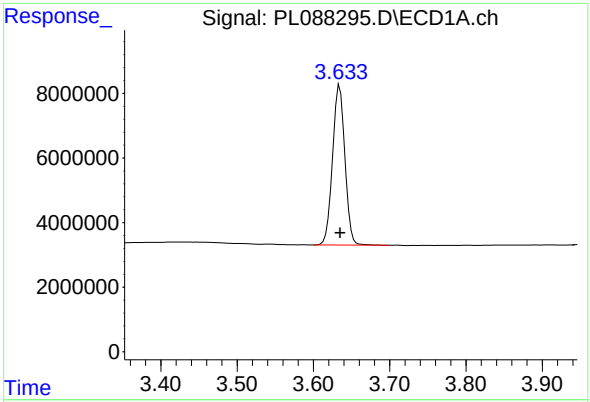
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 23:58:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 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



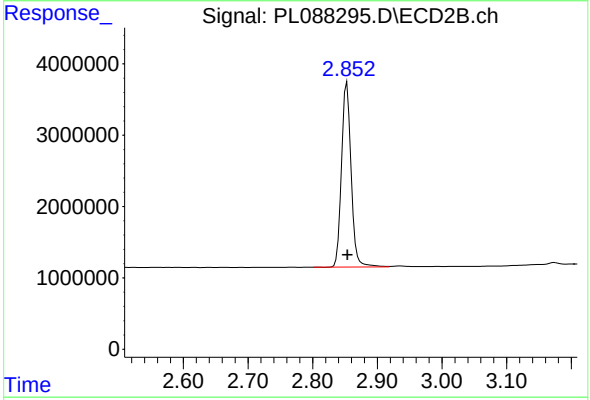




#1 Tetrachloro-m-xylene

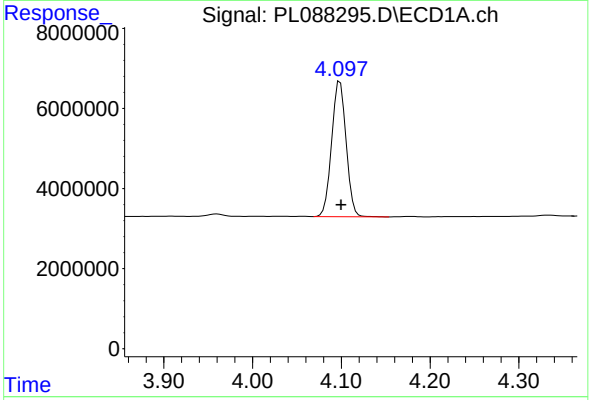
R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 55500826
Conc: 20.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



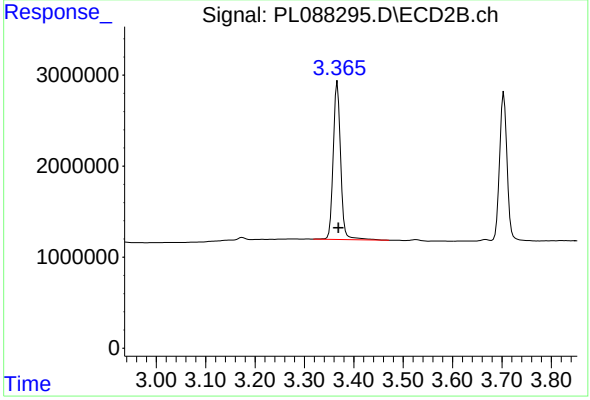
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: 0.000 min
Response: 26660478
Conc: 19.01 ng/ml



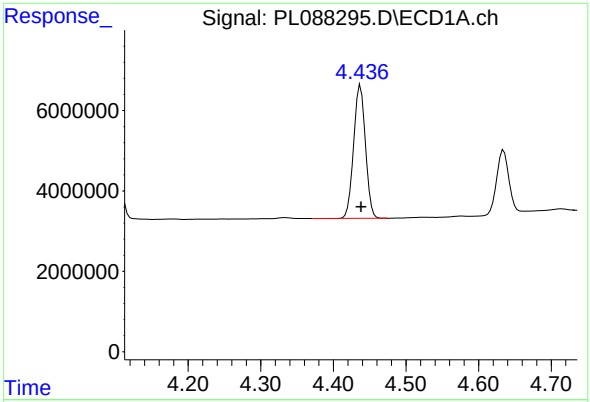
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: -0.001 min
Response: 38347683
Conc: 9.19 ng/ml



#2 alpha-BHC

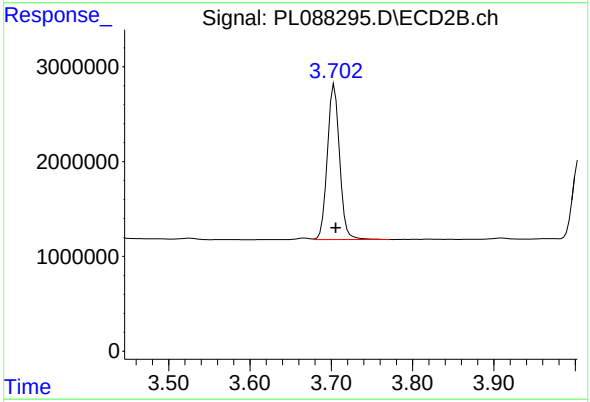
R.T.: 3.367 min
Delta R.T.: -0.002 min
Response: 18173293
Conc: 8.84 ng/ml



#3 gamma-BHC (Lindane)

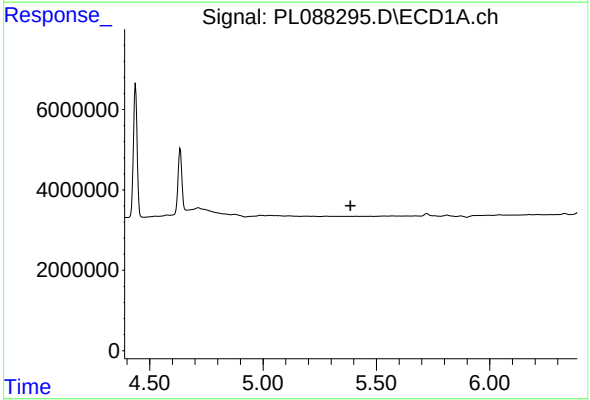
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 37456119
Conc: 9.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



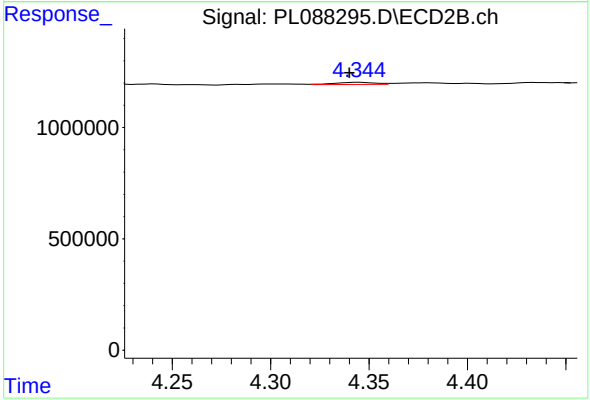
#3 gamma-BHC (Lindane)

R.T.: 3.704 min
Delta R.T.: -0.002 min
Response: 17233774
Conc: 8.61 ng/ml



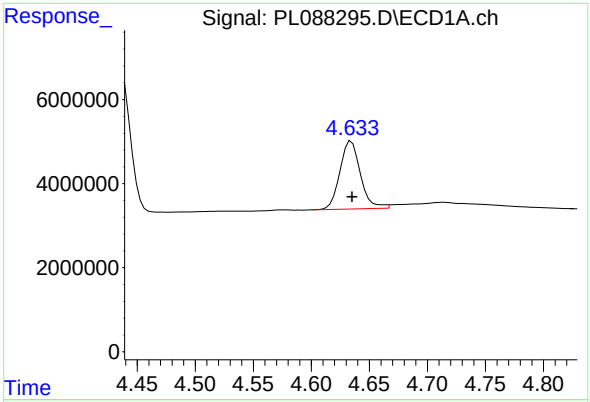
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.386 min
Response: 0
Conc: N.D.



#5 Aldrin

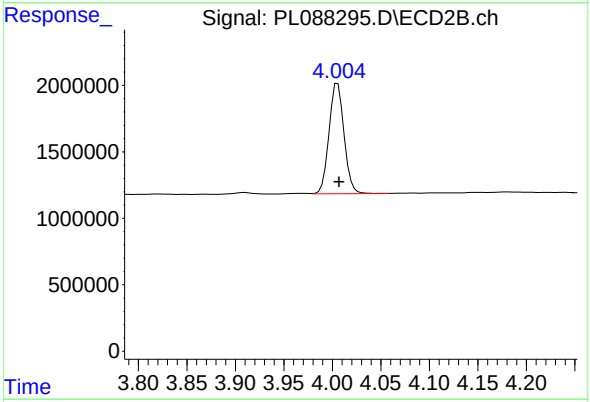
R.T.: 4.345 min
Delta R.T.: 0.005 min
Response: 131232
Conc: 0.07 ng/ml



#6 beta-BHC

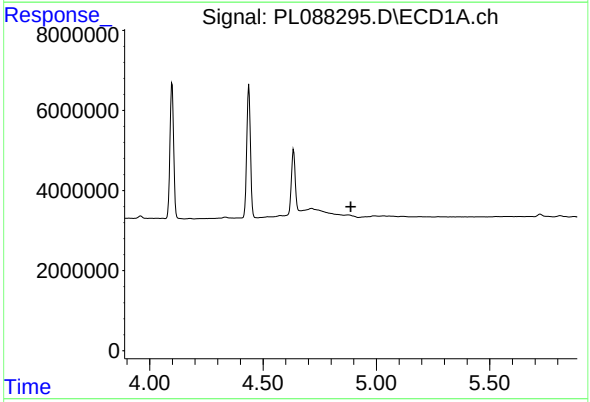
R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 19862567
Conc: 11.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



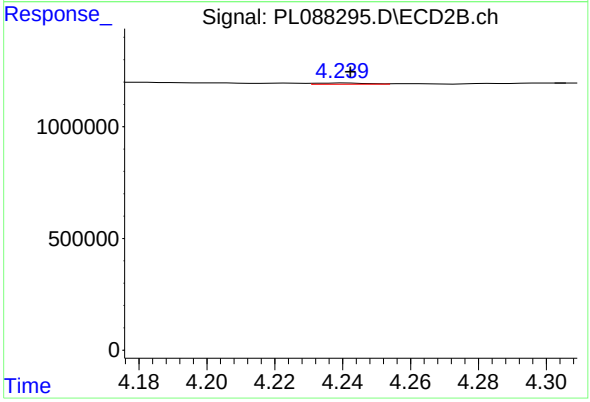
#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: -0.002 min
Response: 8955849
Conc: 10.06 ng/ml



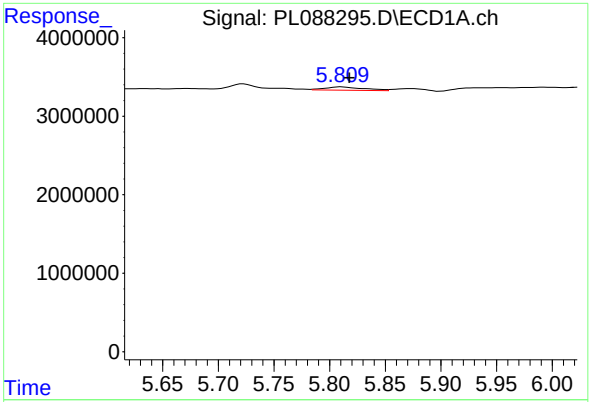
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.887 min
Response: 0
Conc: N.D.



#7 delta-BHC

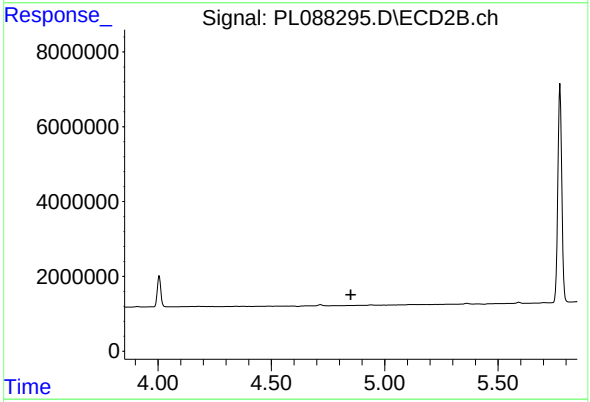
R.T.: 4.240 min
Delta R.T.: -0.002 min
Response: 57935
Conc: 0.03 ng/ml



#8 Heptachlor epoxide

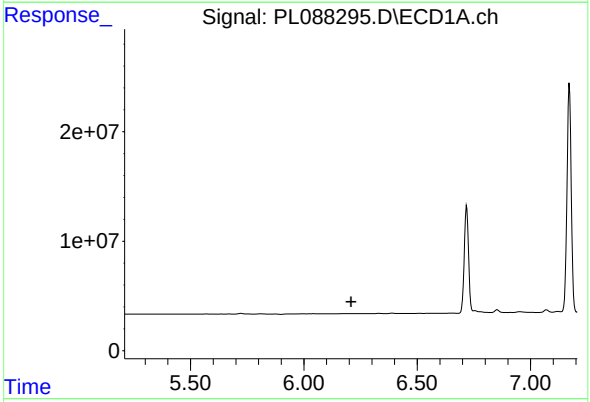
R.T.: 5.810 min
Delta R.T.: -0.007 min
Response: 1031031
Conc: 0.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



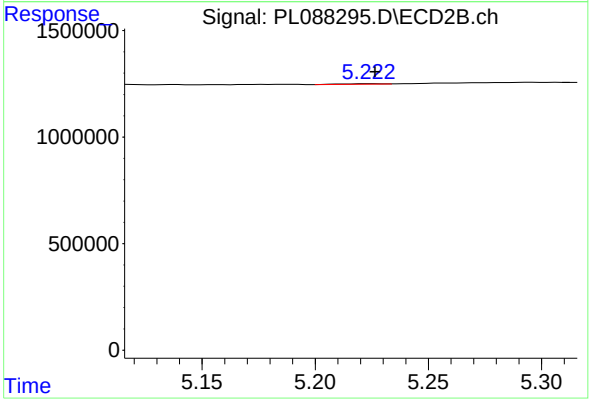
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.851 min
Response: 0
Conc: N.D.



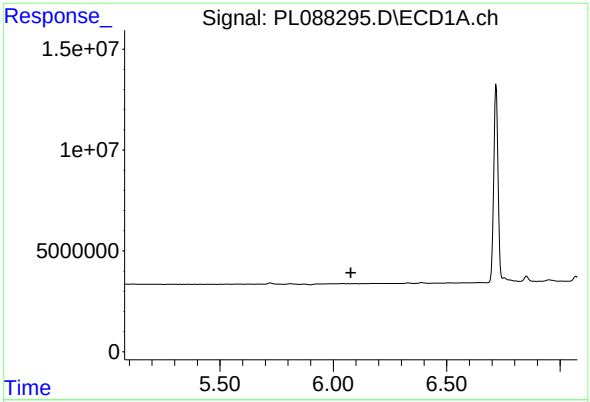
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.209 min
Response: 0
Conc: N.D.



#9 Endosulfan I

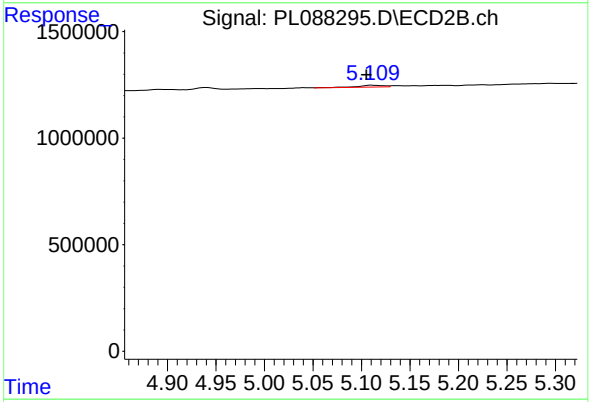
R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 26040
Conc: 0.02 ng/ml



#10 gamma-Chlordane

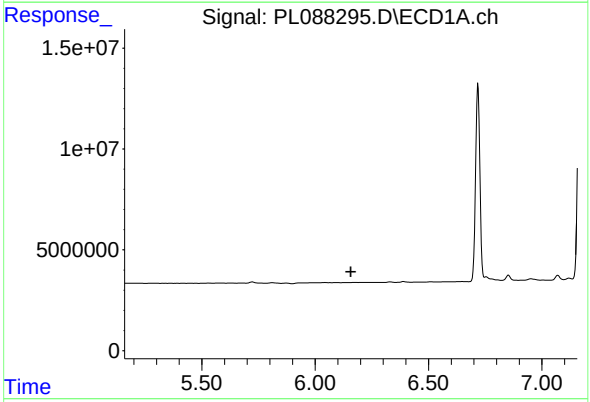
R.T.: 0.000 min
Exp R.T. : 6.077 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



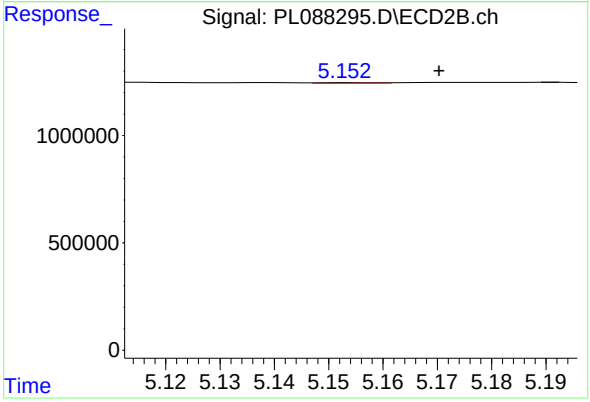
#10 gamma-Chlordane

R.T.: 5.111 min
Delta R.T.: 0.006 min
Response: 158733
Conc: 0.09 ng/ml



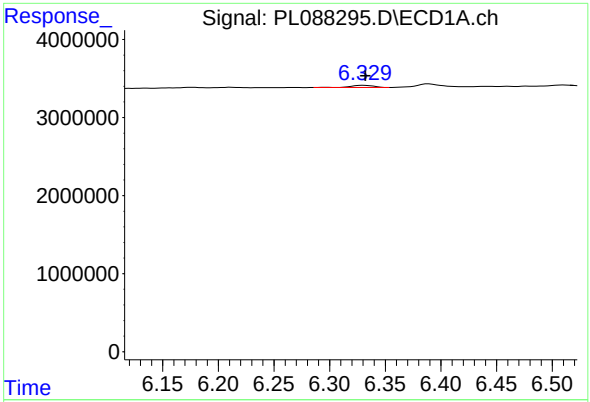
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 6.158 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

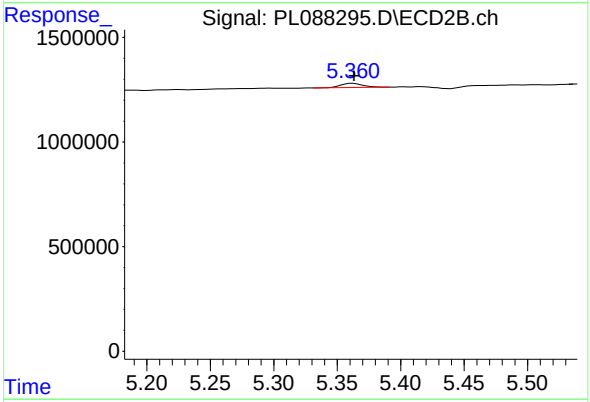
R.T.: 5.154 min
Delta R.T.: -0.016 min
Response: 24078
Conc: 0.01 ng/ml



#12 4,4'-DDE

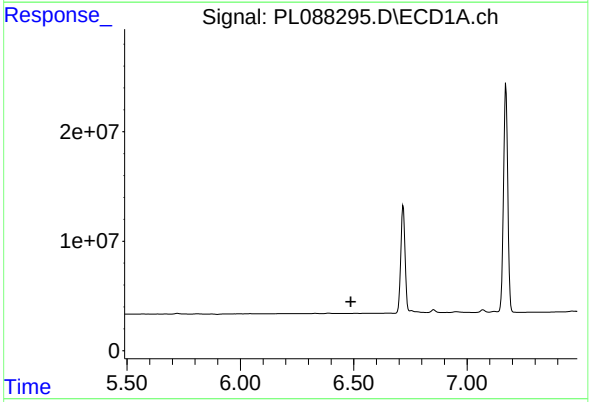
R.T.: 6.331 min
Delta R.T.: -0.002 min
Response: 393850
Conc: 0.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



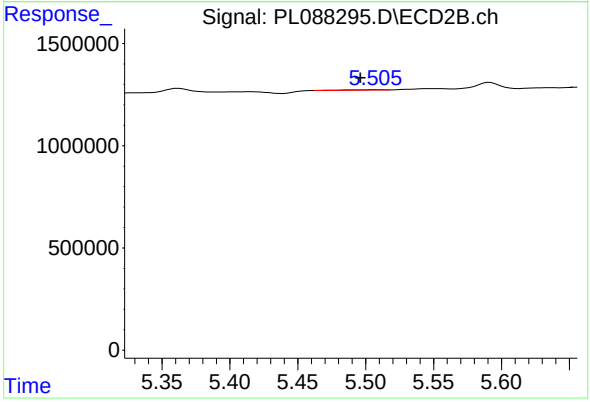
#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 245137
Conc: 0.15 ng/ml



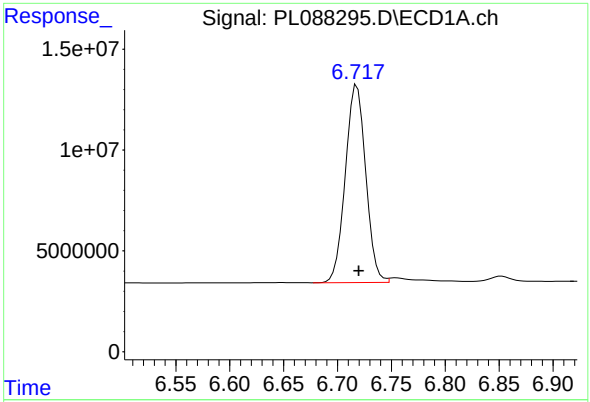
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.488 min
Response: 0
Conc: N.D.



#13 Dieldrin

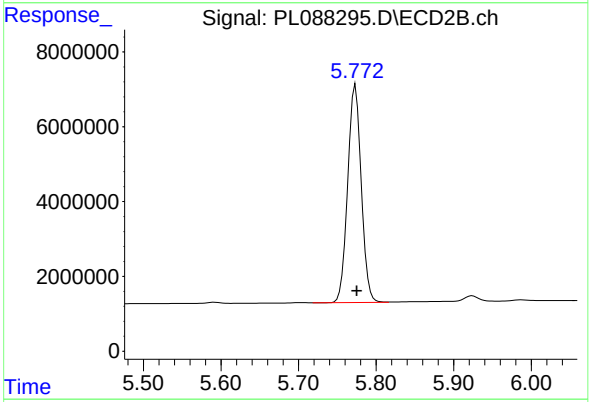
R.T.: 5.507 min
Delta R.T.: 0.011 min
Response: 28025
Conc: 0.02 ng/ml



#14 Endrin

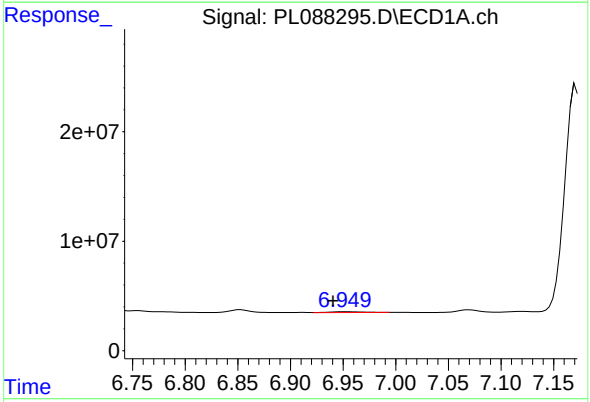
R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 129323549
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



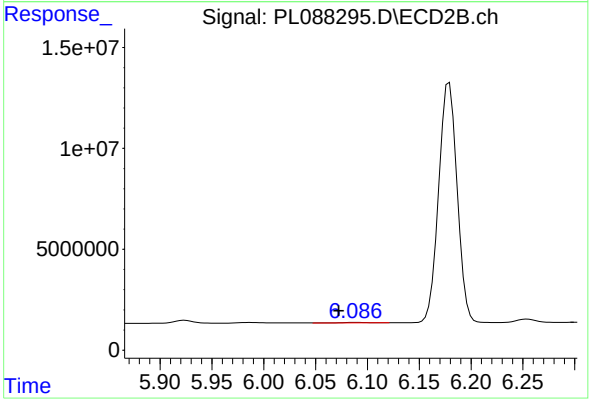
#14 Endrin

R.T.: 5.773 min
Delta R.T.: -0.001 min
Response: 70584278
Conc: 47.21 ng/ml



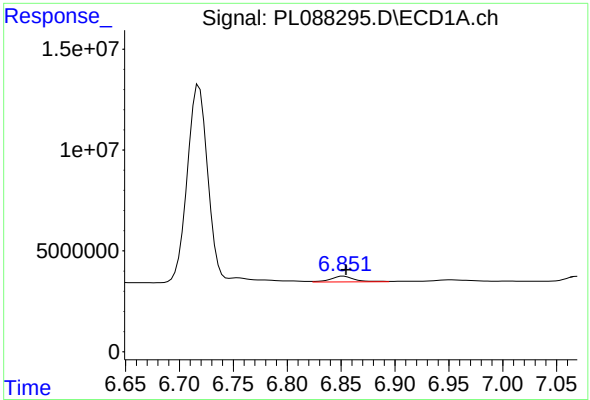
#15 Endosulfan II

R.T.: 6.951 min
Delta R.T.: 0.010 min
Response: 1646694
Conc: 0.57 ng/ml



#15 Endosulfan II

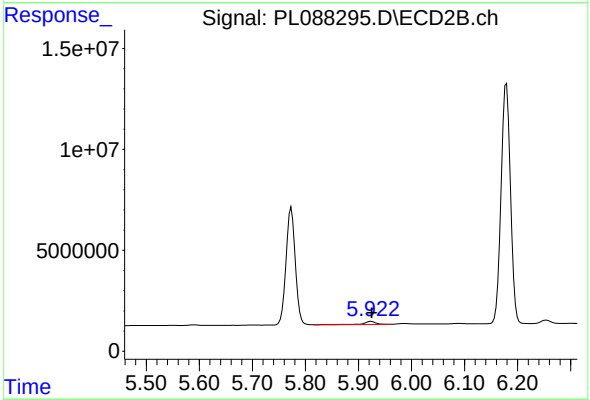
R.T.: 6.088 min
Delta R.T.: 0.016 min
Response: 510922
Conc: 0.34 ng/ml



#16 4,4'-DDD

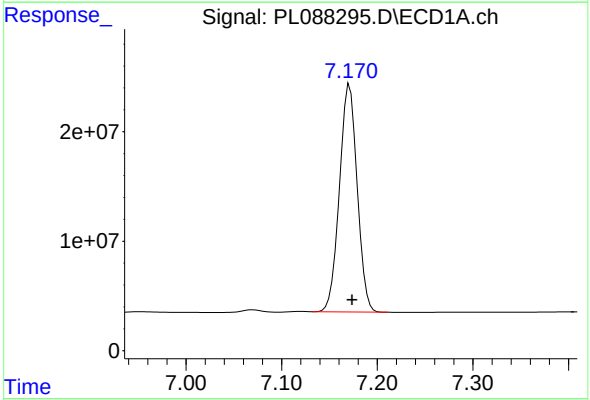
R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 4335831
Conc: 1.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



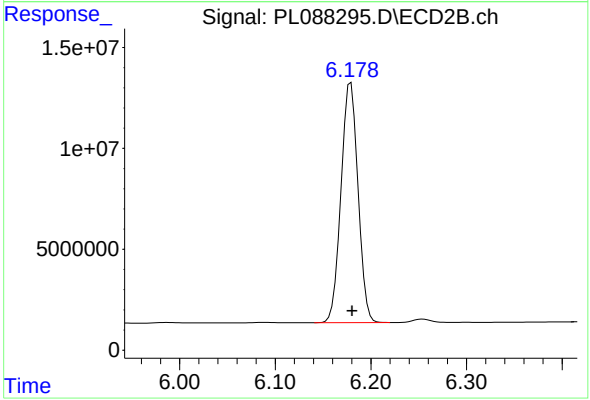
#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 2578883
Conc: 1.89 ng/ml



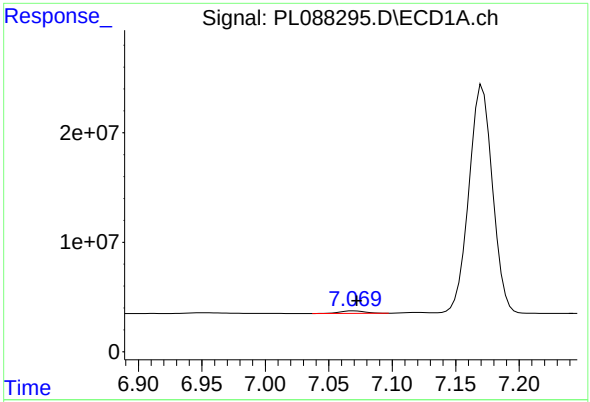
#17 4,4'-DDT

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 268984375
Conc: 102.31 ng/ml



#17 4,4'-DDT

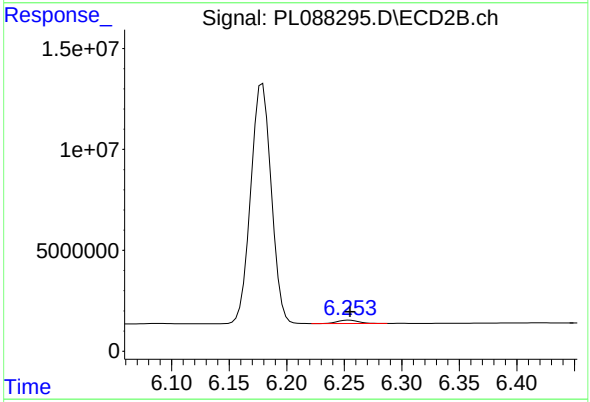
R.T.: 6.179 min
Delta R.T.: -0.001 min
Response: 147482724
Conc: 108.03 ng/ml



#18 Endrin aldehyde

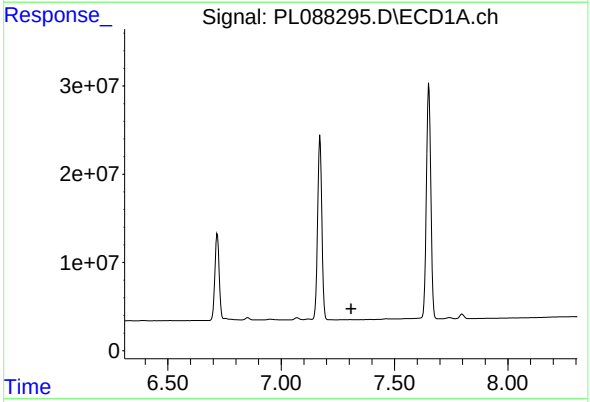
R.T.: 7.070 min
Delta R.T.: -0.002 min
Response: 3011422
Conc: 1.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



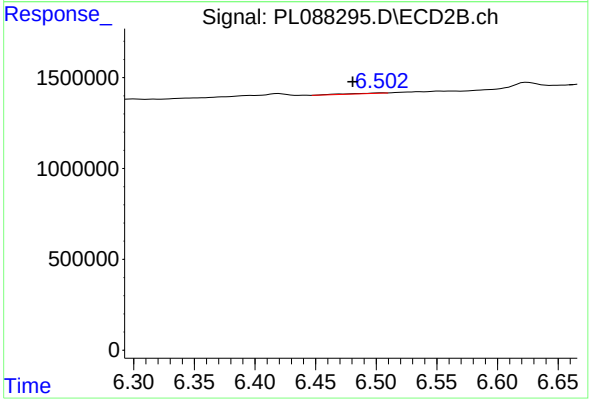
#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 2098532
Conc: 1.92 ng/ml



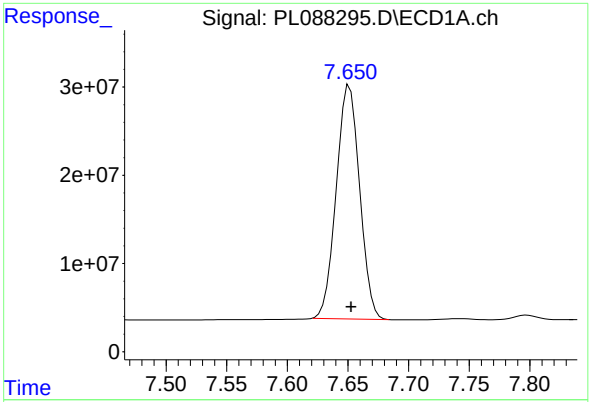
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.309 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

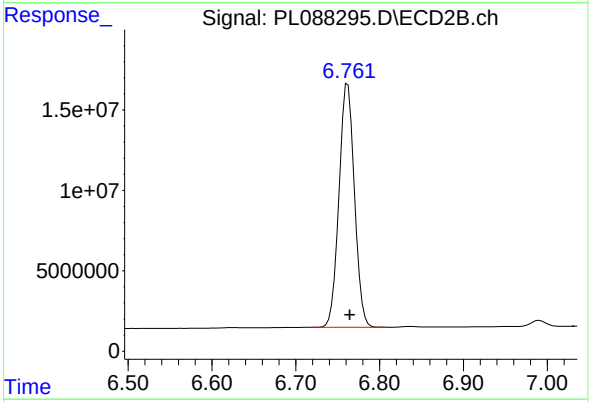
R.T.: 6.505 min
Delta R.T.: 0.025 min
Response: 44715
Conc: 0.03 ng/ml



#20 Methoxychlor

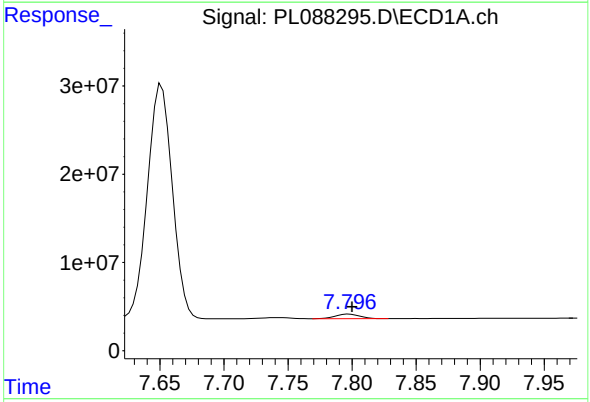
R.T.: 7.651 min
Delta R.T.: -0.001 min
Response: 355312455
Conc: 268.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



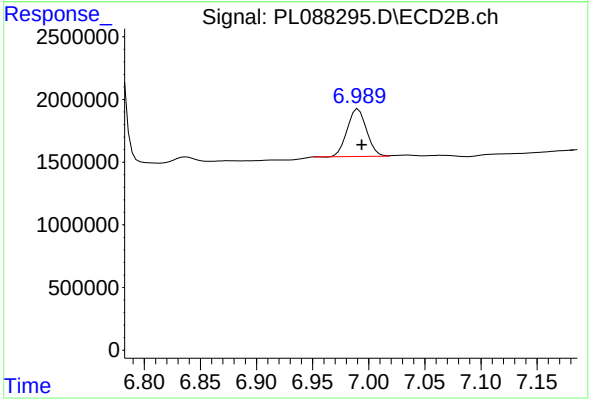
#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 194184591
Conc: 247.76 ng/ml



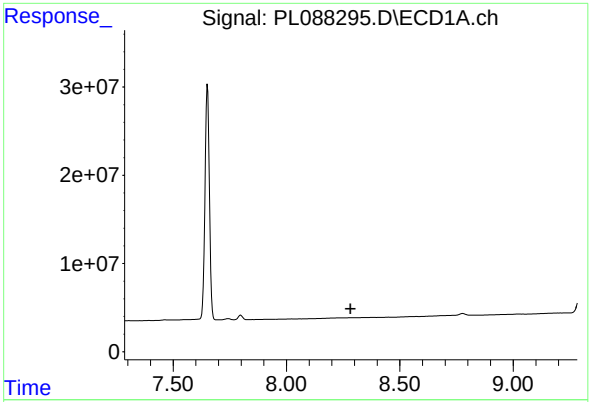
#21 Endrin ketone

R.T.: 7.798 min
Delta R.T.: -0.002 min
Response: 6783744
Conc: 2.42 ng/ml



#21 Endrin ketone

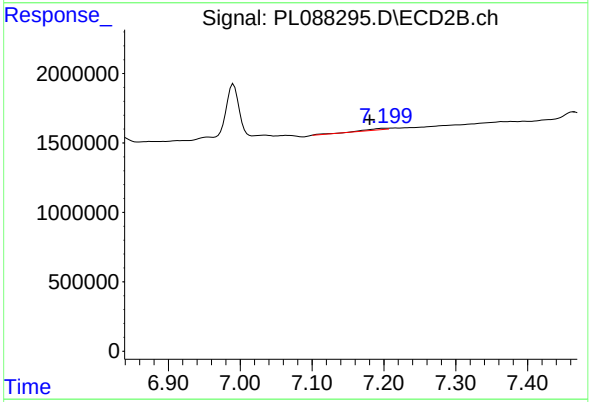
R.T.: 6.991 min
Delta R.T.: -0.003 min
Response: 4579288
Conc: 2.74 ng/ml



#22 Mirex

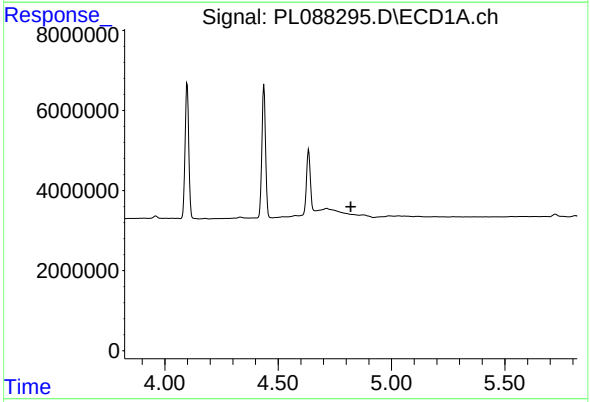
R.T.: 0.000 min
Exp R.T. : 8.283 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



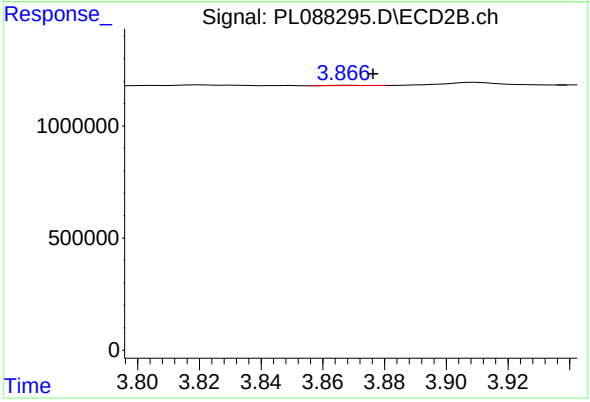
#22 Mirex

R.T.: 7.202 min
Delta R.T.: 0.021 min
Response: 216434
Conc: 0.17 ng/ml



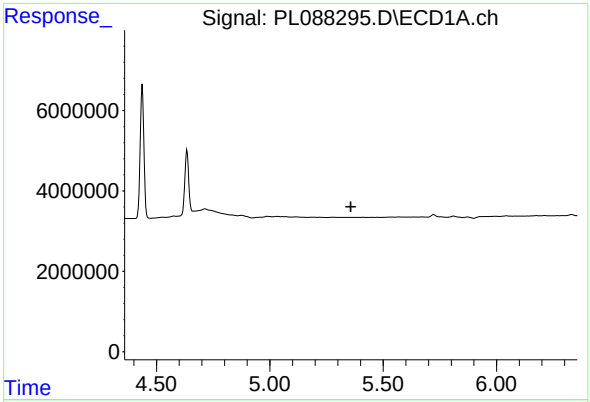
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.820 min
Response: 0
Conc: N.D.



#23 Chlordane-1

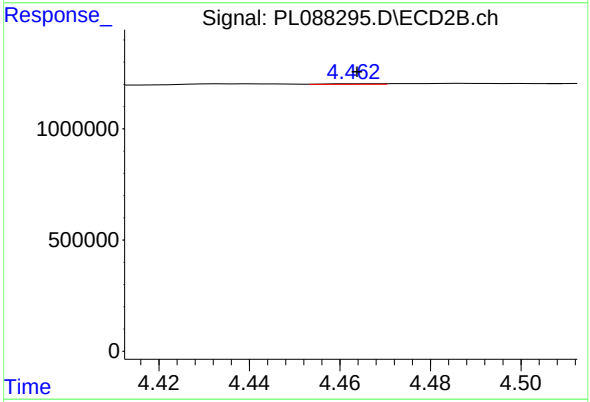
R.T.: 3.868 min
Delta R.T.: -0.008 min
Response: 11883
Conc: 0.23 ng/ml



#24 Chlordane-2

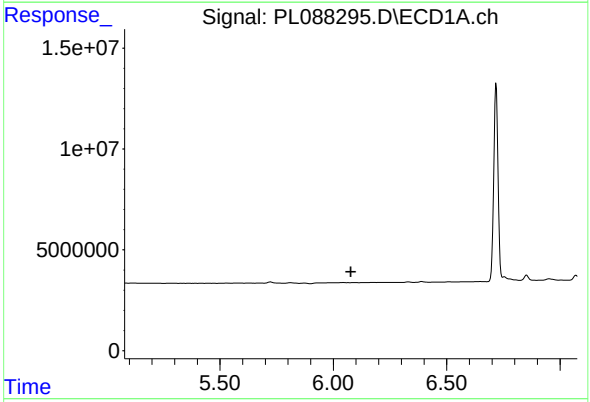
R.T.: 0.000 min
Exp R.T. : 5.357 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



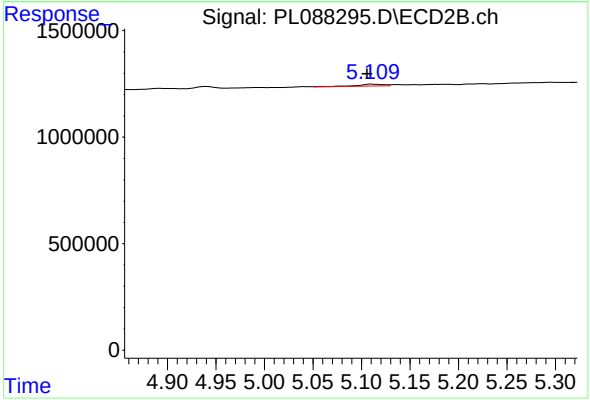
#24 Chlordane-2

R.T.: 4.465 min
Delta R.T.: 0.001 min
Response: 23024
Conc: 0.36 ng/ml



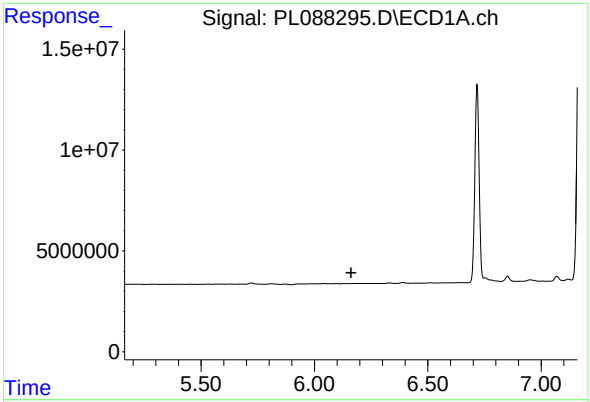
#25 Chlordane-3

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



#25 Chlordane-3

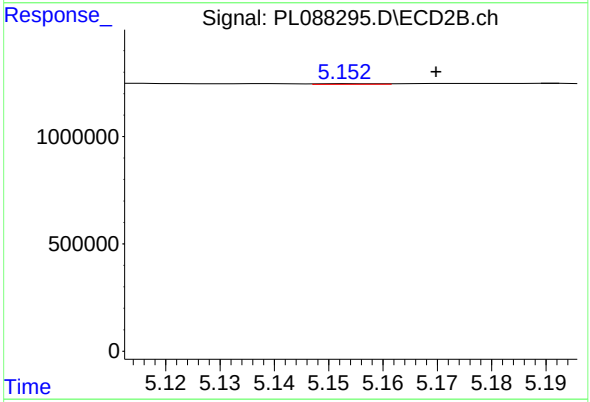
R.T.: 5.111 min
Delta R.T.: 0.005 min
Response: 158733
Conc: 0.85 ng/ml



#26 Chlordane-4

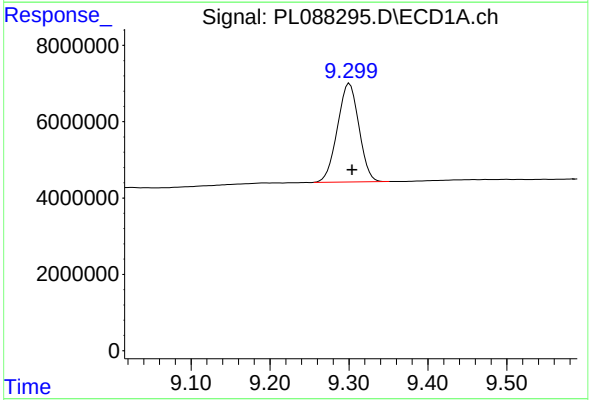
R.T.: 0.000 min
Exp R.T. : 6.162 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



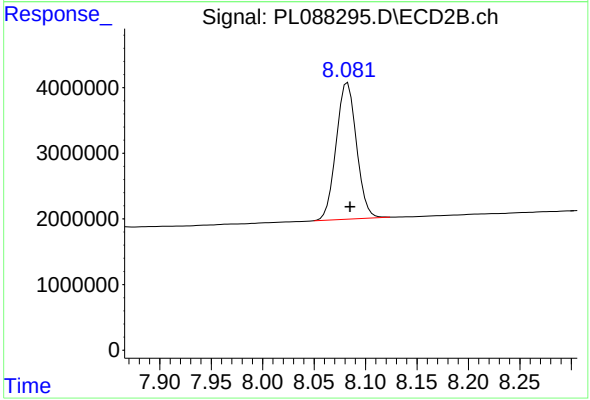
#26 Chlordane-4

R.T.: 5.154 min
Delta R.T.: -0.016 min
Response: 24078
Conc: 0.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.301 min
Delta R.T.: -0.003 min
Response: 48979517
Conc: 25.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: -0.003 min
Response: 28682812
Conc: 22.53 ng/ml