Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022624\
Data File : PL088277.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2024 09:18
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 23:51:32 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...	3.635	2.854	56037491	25485829	20.402	18.171	
28)	SA Decachlor...	9.303	8.084	47793004	26320403	24.816	20.671	
	Target Compounds							
2)	A alpha-BHC	4.100	3.368	38619258	16844856	9.252	8.198	
3)	MA gamma-BHC...	4.438	3.705	37658199	16275718	9.299	8.128	
5)	MB Aldrin	0.000	4.348	0	179657	N.D.	0.093	#
6)	B beta-BHC	4.635	4.007	19467745	8348714	11.178	9.380	
7)	B delta-BHC	0.000	4.247	0	138722	N.D.	0.070	#
8)	B Heptachlo...	0.000	4.837	0	18039	N.D.	0.010	#
9)	A Endosulfan I	0.000	5.229	0	68854	N.D.	0.043	#
10)	B gamma-Chl...	0.000	5.113	0	262898	N.D.	0.147	#
11)	B alpha-Chl...	0.000	5.176	0	87313	N.D.	0.049	#
12)	B 4,4'-DDE	6.330	5.364	410428	281729	0.135	0.177	#
13)	MA Dieldrin	6.510f	5.505	502843	789	0.153	0.000	#
14)	MA Endrin	6.719	5.775	120.4E6	63956604	46.302	42.776	
15)	B Endosulfa...	6.958f	6.089f	2644019	681398	0.923	0.447	#
16)	A 4,4'-DDD	6.854	5.925	3098203	1807896	1.195	1.323	
17)	MA 4,4'-DDT	7.173	6.180	259.1E6	137.6E6	98.556	100.771	
18)	B Endrin al...	7.071	6.255	3911212	2382395	1.892	2.181	
19)	B Endosulfa...	0.000	6.473	0	97634	N.D.	0.070	#
20)	A Methoxychlor	7.653	6.763	341.5E6	175.6E6	258.024	224.084	
21)	B Endrin ke...	7.799	6.992	7851080	5375781	2.803	3.211	
22)	Mirex	0.000	7.203f	0	227440	N.D.	0.174	#
23)	Chlordane-1	0.000	3.886	0	7789	N.D.	0.151	#
24)	Chlordane-2	0.000	4.473	0	82208	N.D.	1.294	#
25)	Chlordane-3	0.000	5.113	0	262898	N.D.	1.412	#
26)	Chlordane-4	0.000	5.176	0	87313	N.D.	0.505	#
27)	Chlordane-5	7.002f	5.850	287011	147169	2.836	2.782	

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

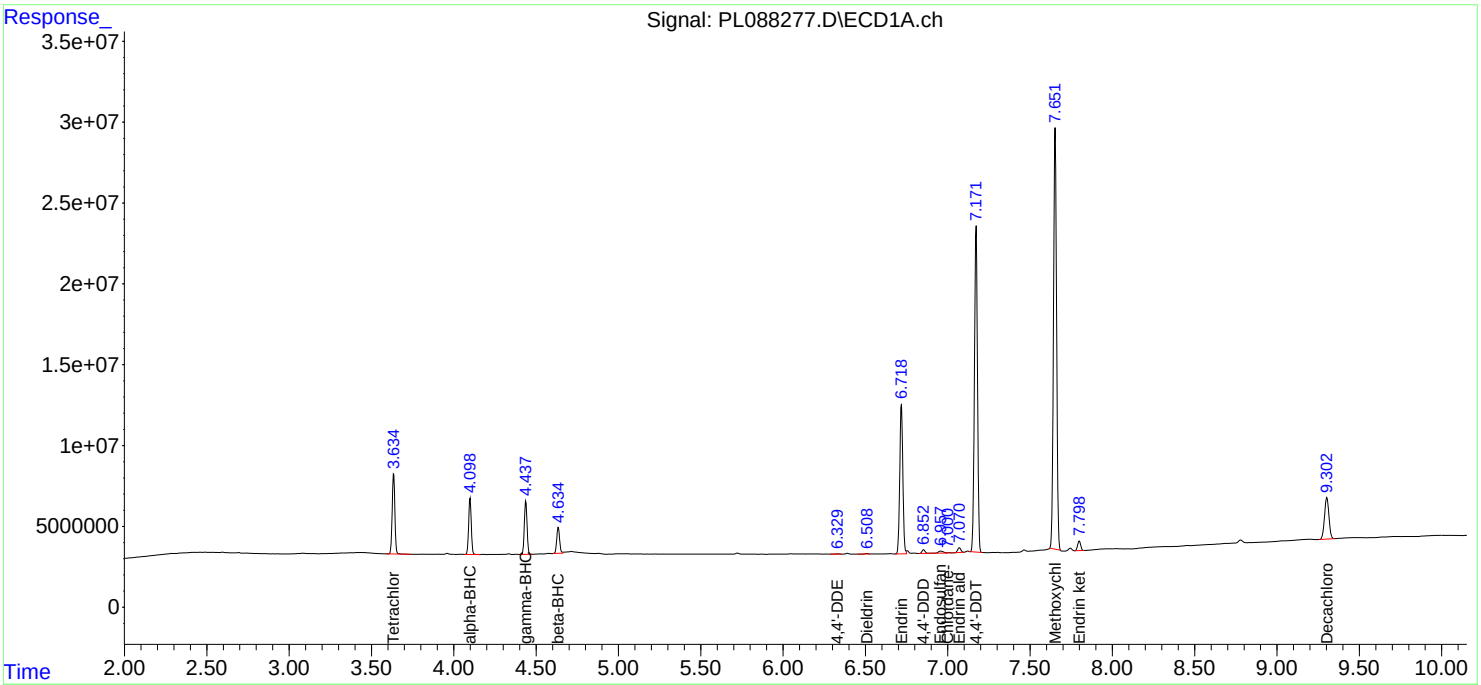
Quantitation Report (Not Reviewed)

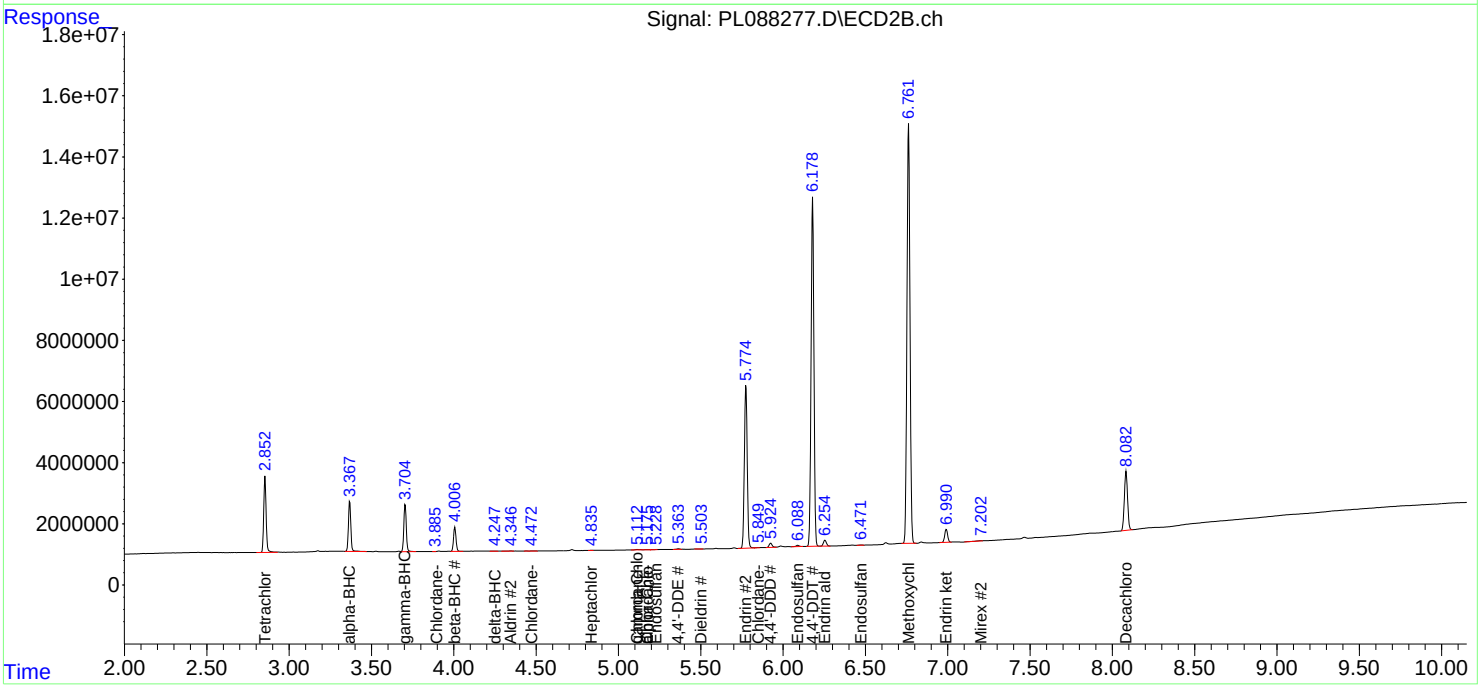
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022624\
Data File : PL088277.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2024 09:18
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

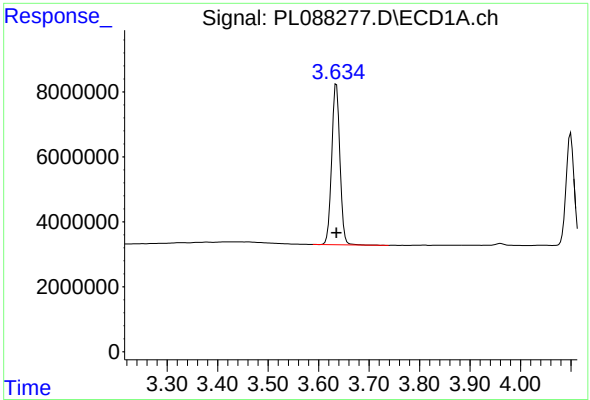
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 23:51:32 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



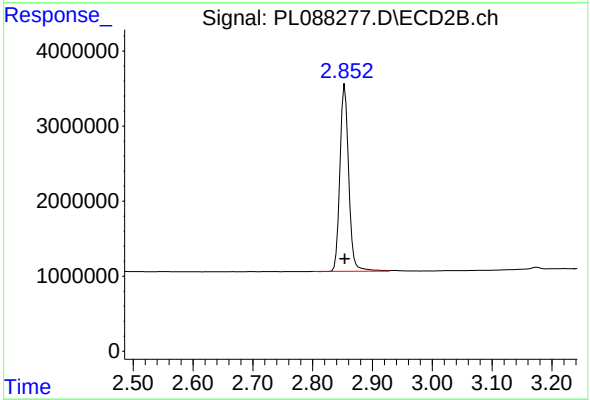




#1 Tetrachloro-m-xylene

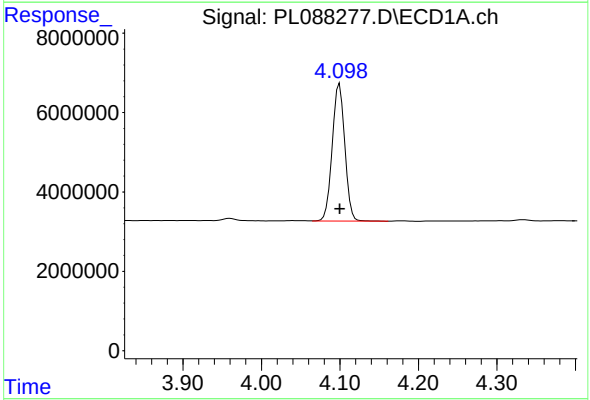
R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 56037491
Conc: 20.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



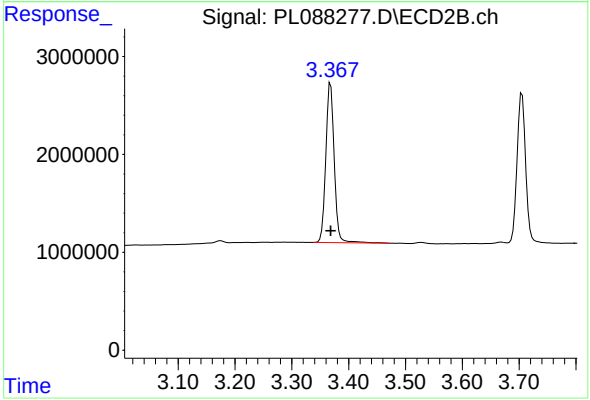
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 25485829
Conc: 18.17 ng/ml



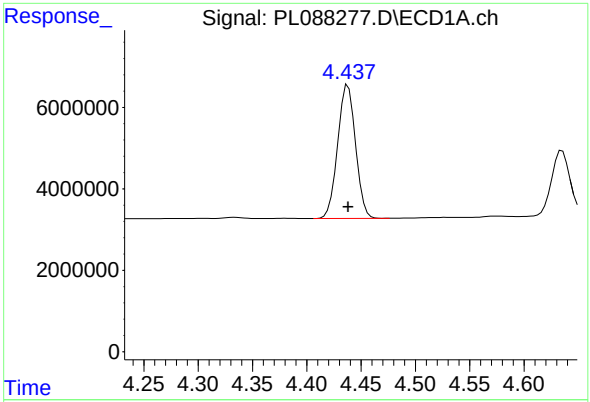
#2 alpha-BHC

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 38619258
Conc: 9.25 ng/ml



#2 alpha-BHC

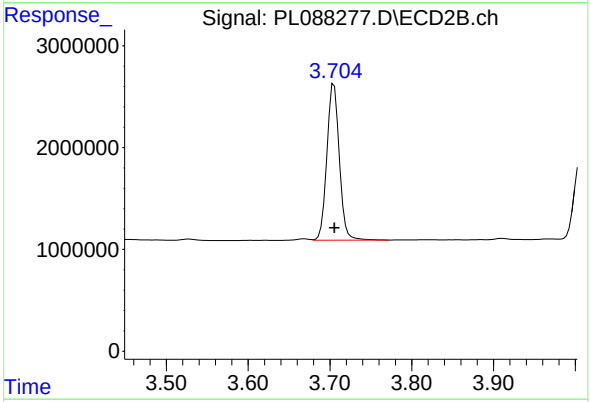
R.T.: 3.368 min
Delta R.T.: 0.000 min
Response: 16844856
Conc: 8.20 ng/ml



#3 gamma-BHC (Lindane)

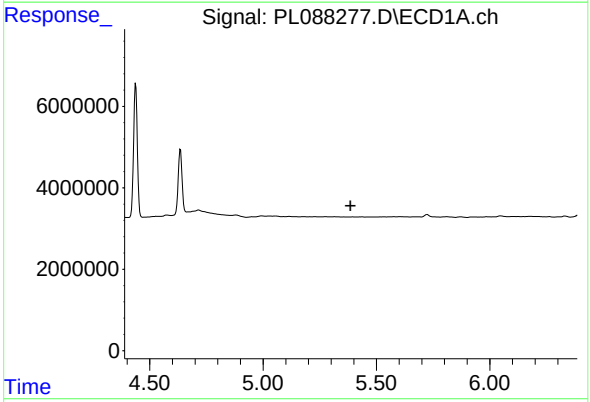
R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 37658199
Conc: 9.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



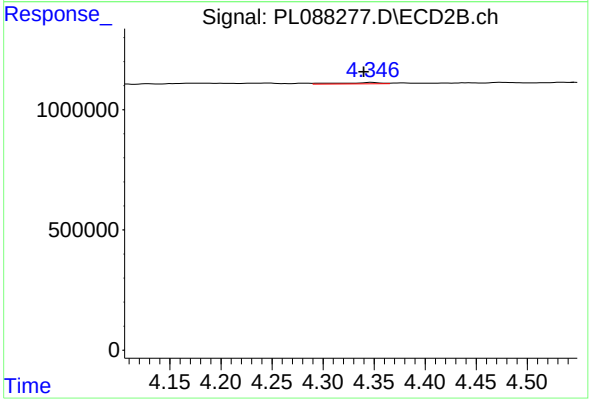
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: 0.000 min
Response: 16275718
Conc: 8.13 ng/ml



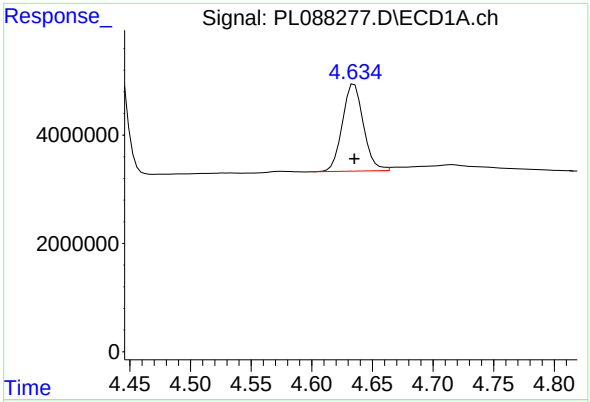
#5 Aldrin

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



#5 Aldrin

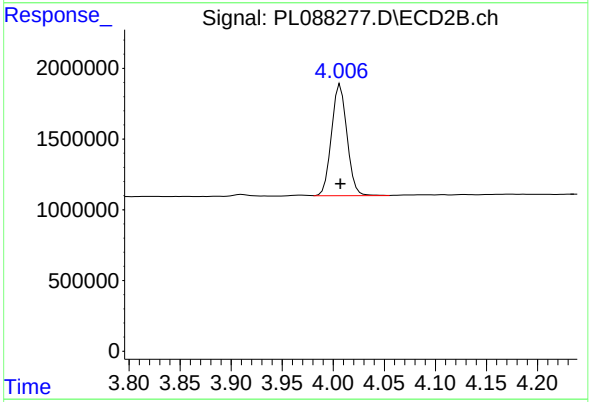
R.T.: 4.348 min
Delta R.T.: 0.008 min
Response: 179657
Conc: 0.09 ng/ml



#6 beta-BHC

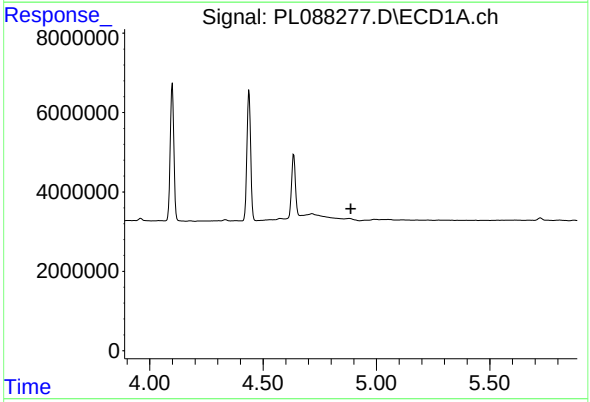
R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 19467745
Conc: 11.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



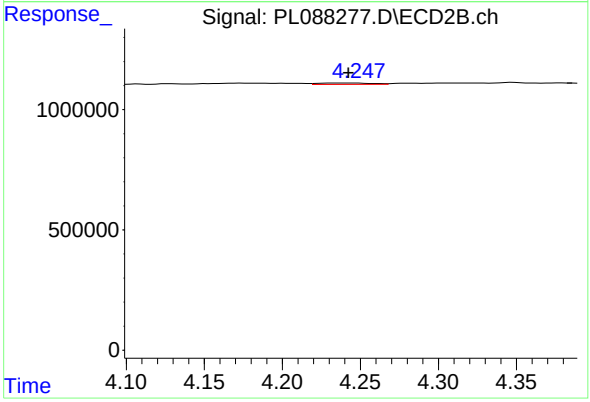
#6 beta-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 8348714
Conc: 9.38 ng/ml



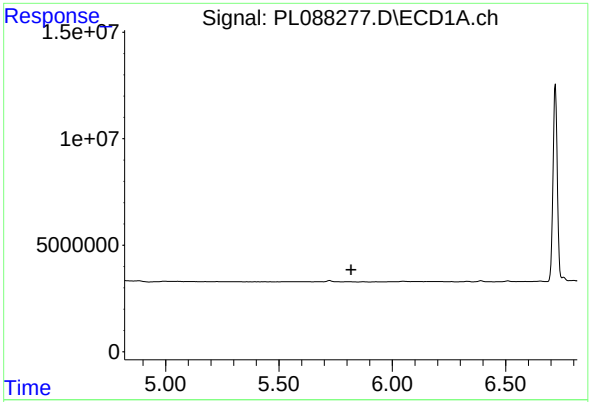
#7 delta-BHC

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



#7 delta-BHC

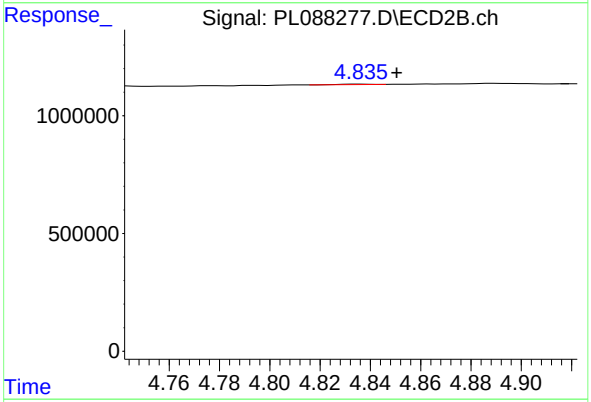
R.T.: 4.247 min
Delta R.T.: 0.004 min
Response: 138722
Conc: 0.07 ng/ml



#8 Heptachlor epoxide

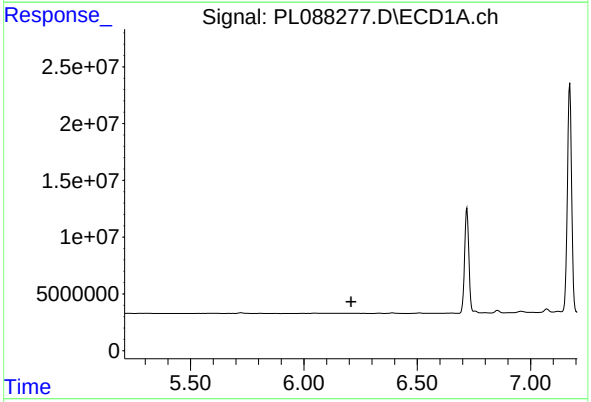
R.T.: 0.000 min
Exp R.T. : 5.818 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



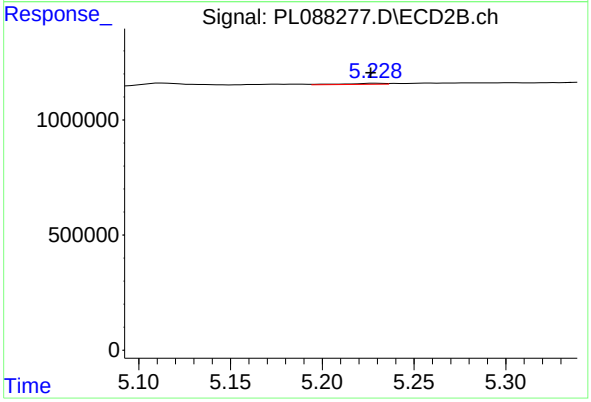
#8 Heptachlor epoxide

R.T.: 4.837 min
Delta R.T.: -0.014 min
Response: 18039
Conc: 0.01 ng/ml



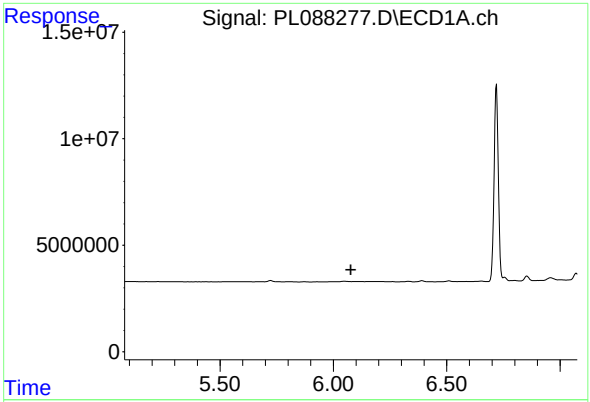
#9 Endosulfan I

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



#9 Endosulfan I

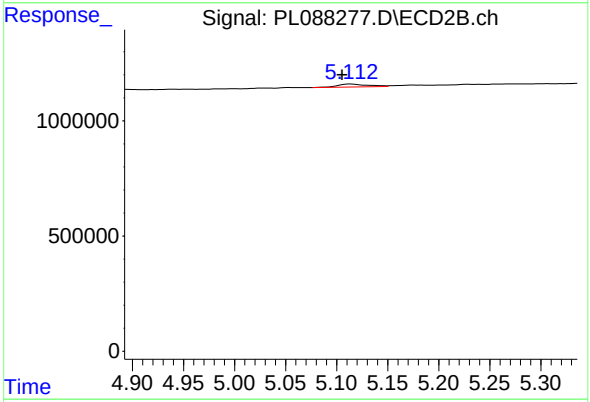
R.T.: 5.229 min
Delta R.T.: 0.003 min
Response: 68854
Conc: 0.04 ng/ml



#10 gamma-Chlordane

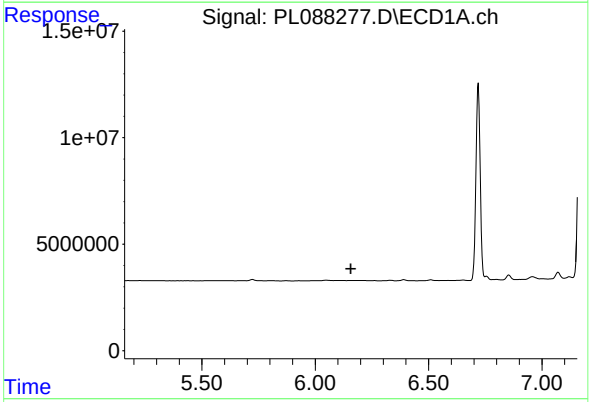
R.T.: 0.000 min
Exp R.T. : 6.077 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



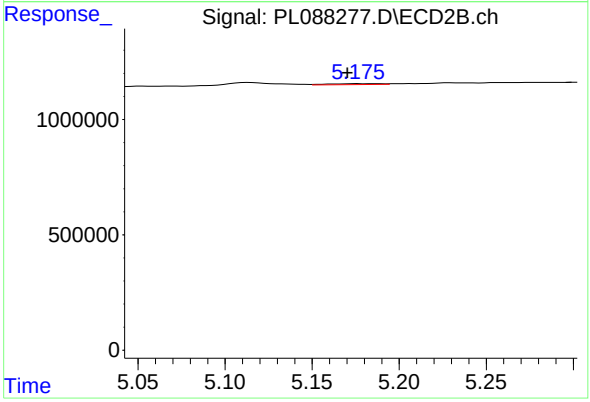
#10 gamma-Chlordane

R.T.: 5.113 min
Delta R.T.: 0.008 min
Response: 262898
Conc: 0.15 ng/ml



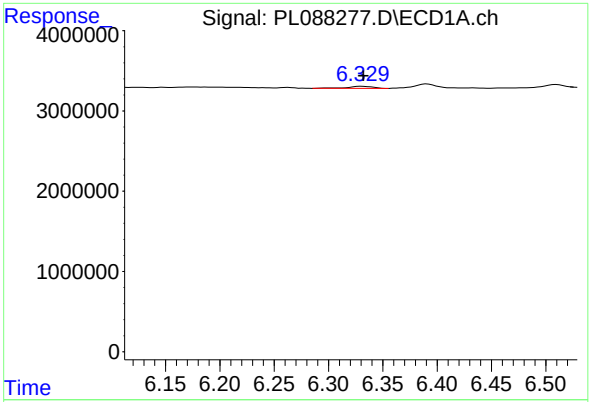
#11 alpha-Chlordane

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



#11 alpha-Chlordane

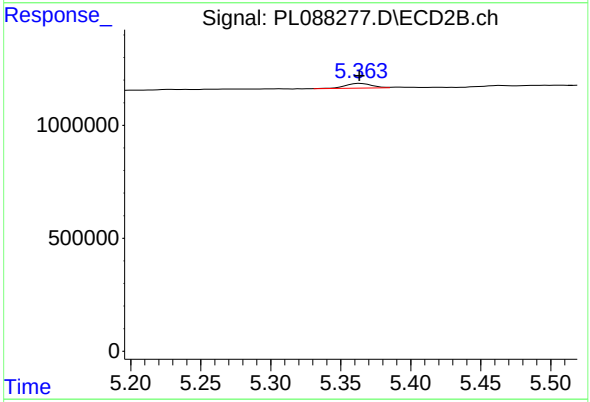
R.T.: 5.176 min
Delta R.T.: 0.006 min
Response: 87313
Conc: 0.05 ng/ml



#12 4,4'-DDE

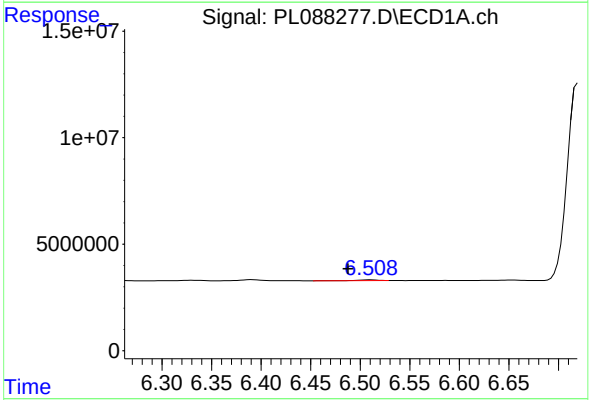
R.T.: 6.330 min
Delta R.T.: -0.002 min
Response: 410428
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



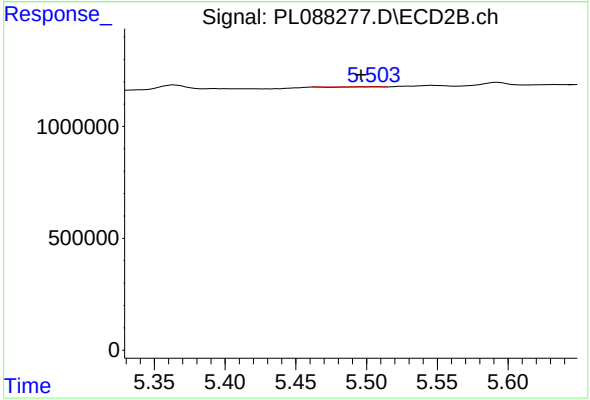
#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 281729
Conc: 0.18 ng/ml



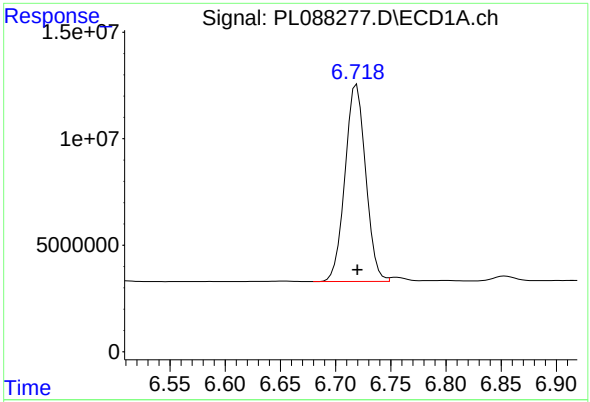
#13 Dieldrin

R.T.: 6.510 min
Delta R.T.: 0.022 min
Response: 502843
Conc: 0.15 ng/ml



#13 Dieldrin

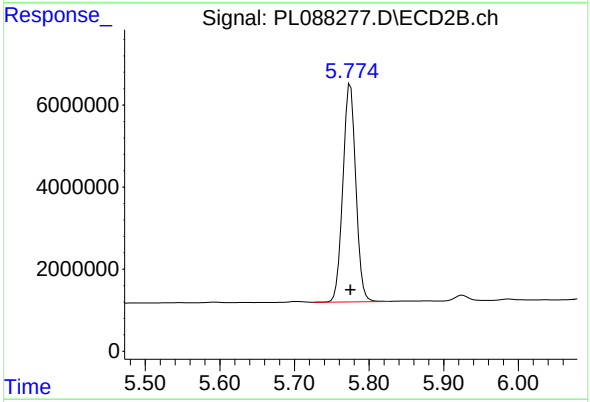
R.T.: 5.505 min
Delta R.T.: 0.009 min
Response: 789
Conc: 0.00 ng/ml



#14 Endrin

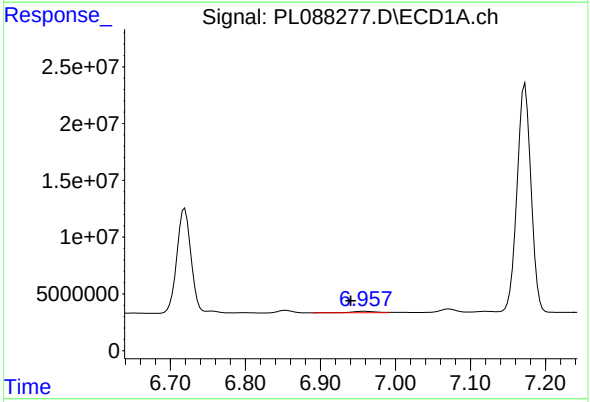
R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 120413136
Conc: 46.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



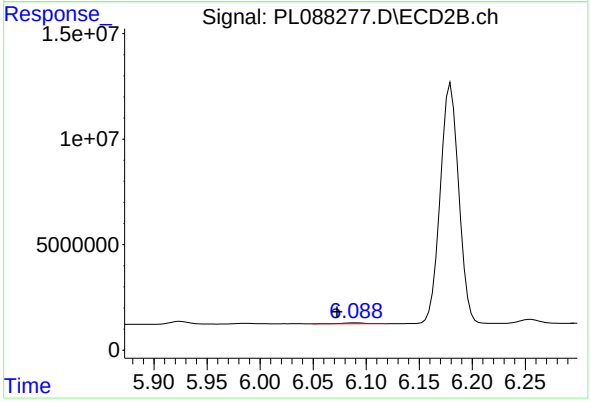
#14 Endrin

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 63956604
Conc: 42.78 ng/ml



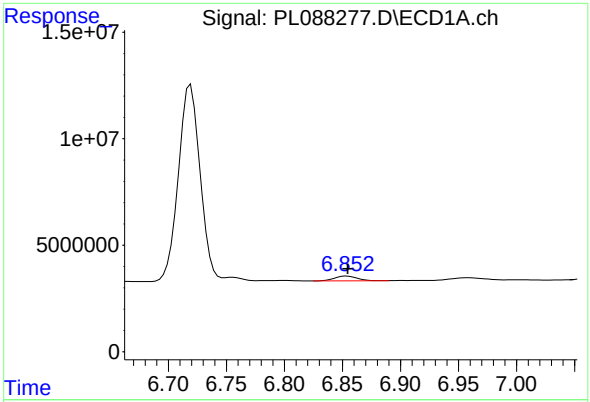
#15 Endosulfan II

R.T.: 6.958 min
Delta R.T.: 0.018 min
Response: 2644019
Conc: 0.92 ng/ml



#15 Endosulfan II

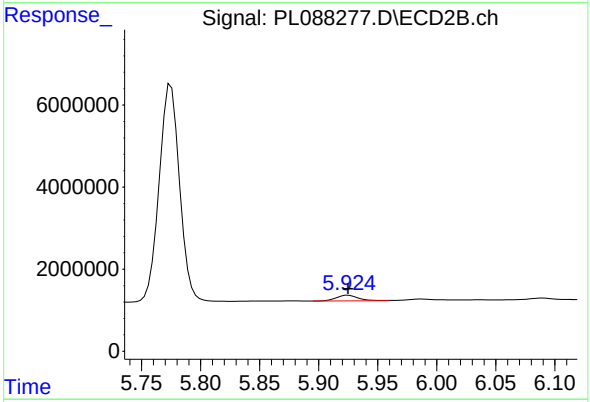
R.T.: 6.089 min
Delta R.T.: 0.017 min
Response: 681398
Conc: 0.45 ng/ml



#16 4,4'-DDD

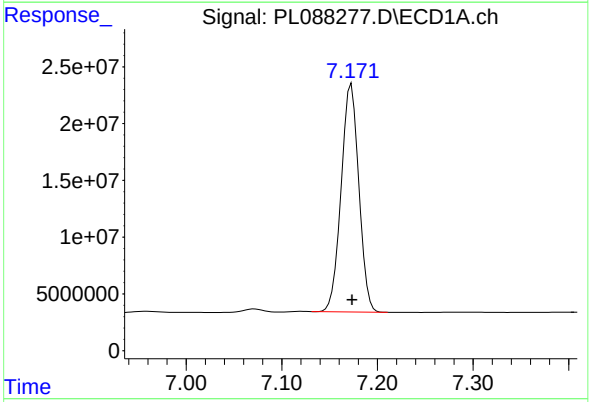
R.T.: 6.854 min
Delta R.T.: -0.001 min
Response: 3098203
Conc: 1.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



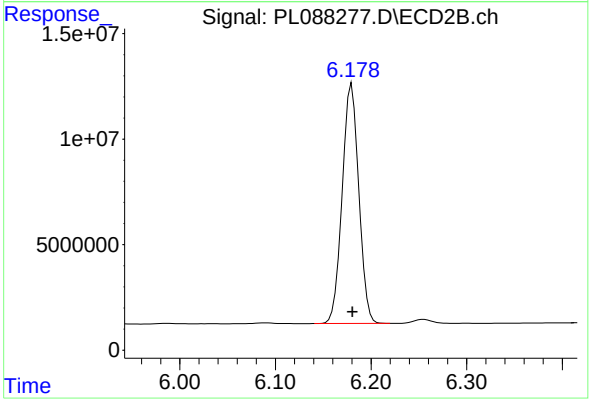
#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 1807896
Conc: 1.32 ng/ml



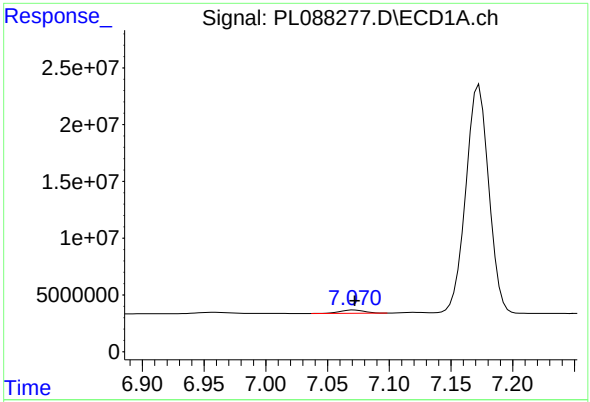
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 259123200
Conc: 98.56 ng/ml



#17 4,4'-DDT

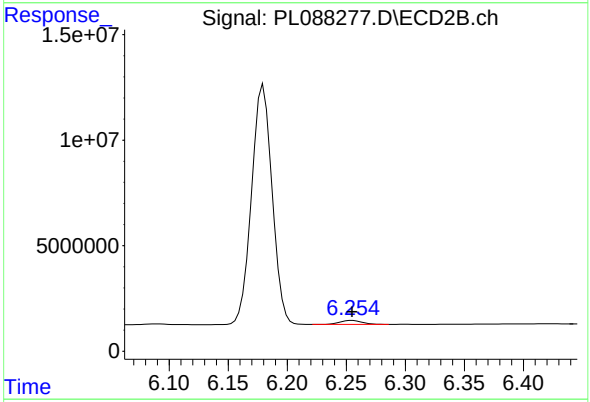
R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 137575310
Conc: 100.77 ng/ml



#18 Endrin aldehyde

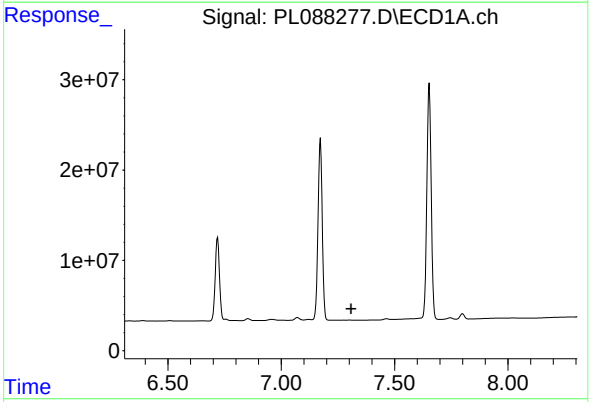
R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 3911212
Conc: 1.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



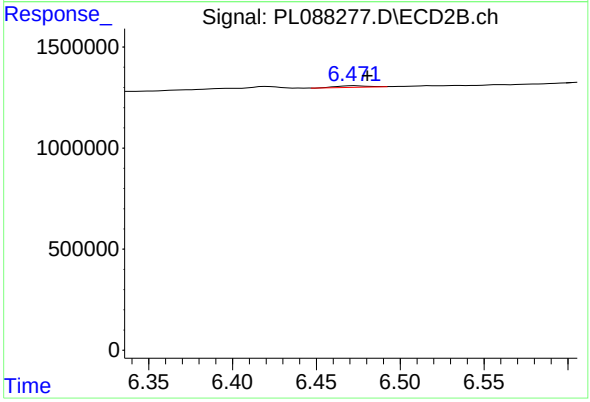
#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 2382395
Conc: 2.18 ng/ml



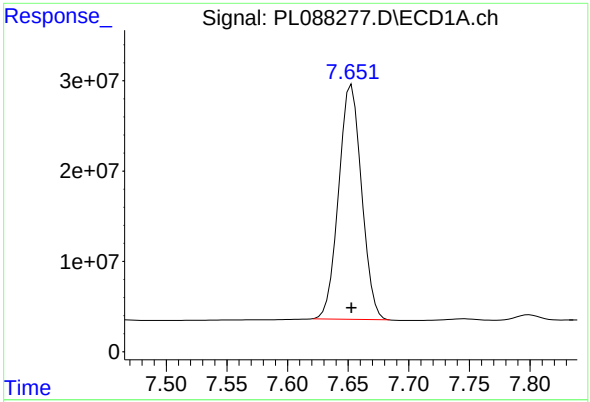
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

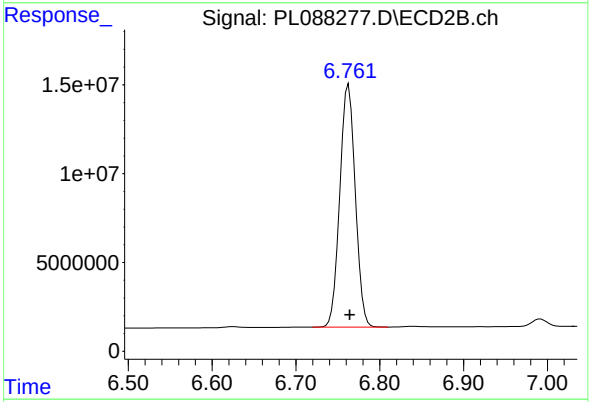
R.T.: 6.473 min
Delta R.T.: -0.008 min
Response: 97634
Conc: 0.07 ng/ml



#20 Methoxychlor

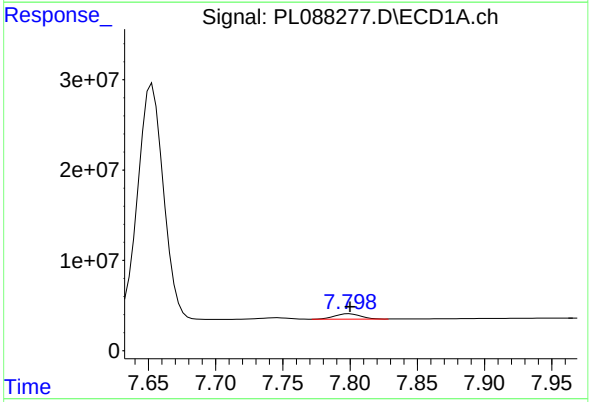
R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 341549051
Conc: 258.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



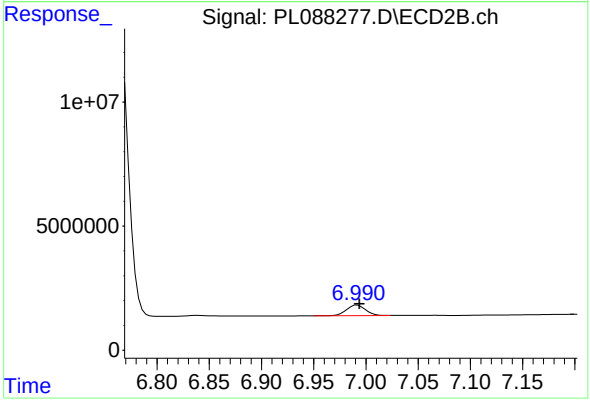
#20 Methoxychlor

R.T.: 6.763 min
Delta R.T.: -0.001 min
Response: 175627384
Conc: 224.08 ng/ml



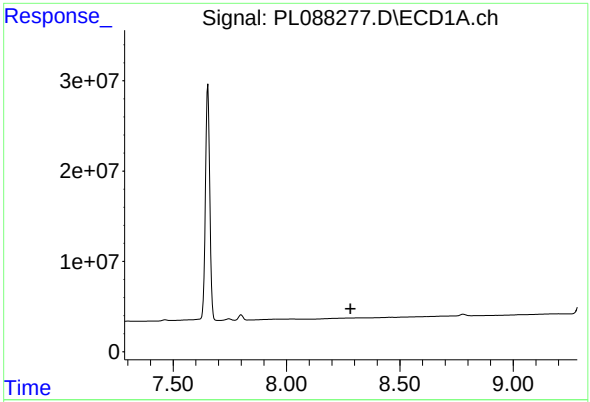
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 7851080
Conc: 2.80 ng/ml



#21 Endrin ketone

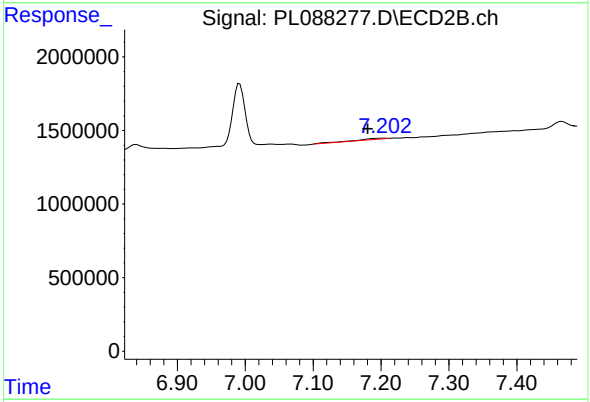
R.T.: 6.992 min
Delta R.T.: -0.002 min
Response: 5375781
Conc: 3.21 ng/ml



#22 Mirex

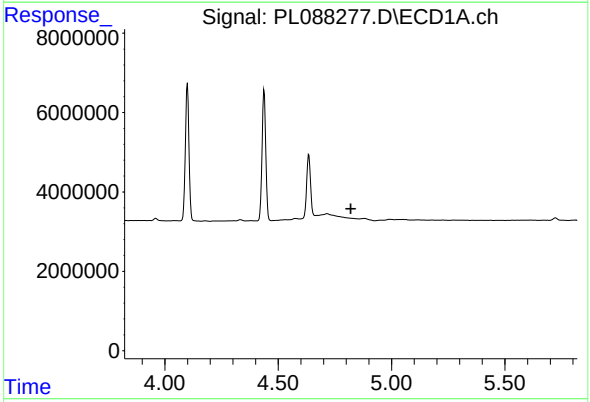
R.T.: 0.000 min
Exp R.T. : 8.283 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



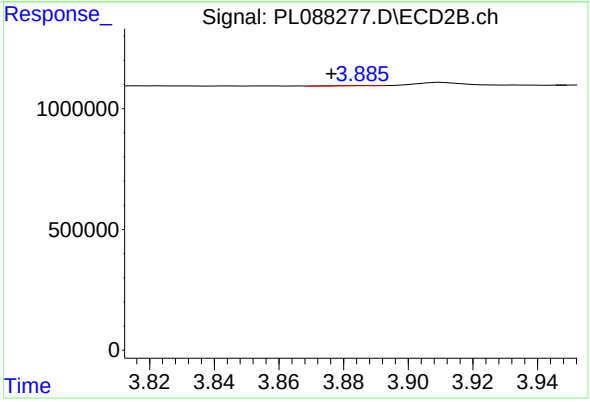
#22 Mirex

R.T.: 7.203 min
Delta R.T.: 0.023 min
Response: 227440
Conc: 0.17 ng/ml



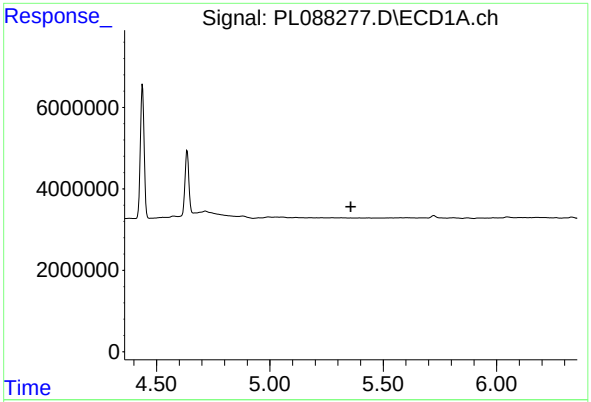
#23 Chlordane-1

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



#23 Chlordane-1

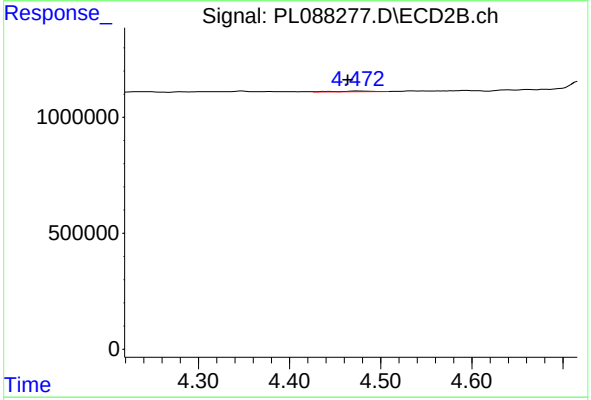
R.T.: 3.886 min
Delta R.T.: 0.010 min
Response: 7789
Conc: 0.15 ng/ml



#24 Chlordane-2

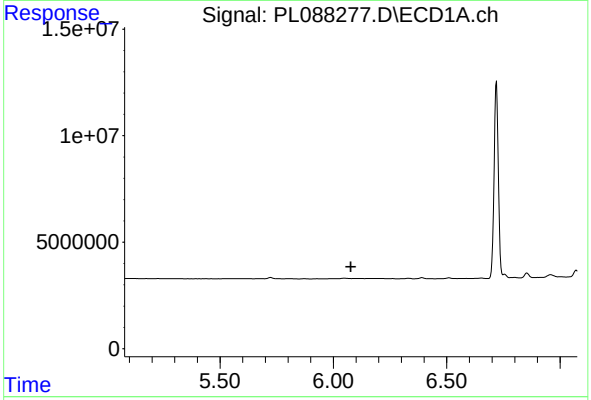
R.T.: 0.000 min
Exp R.T. : 5.357 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



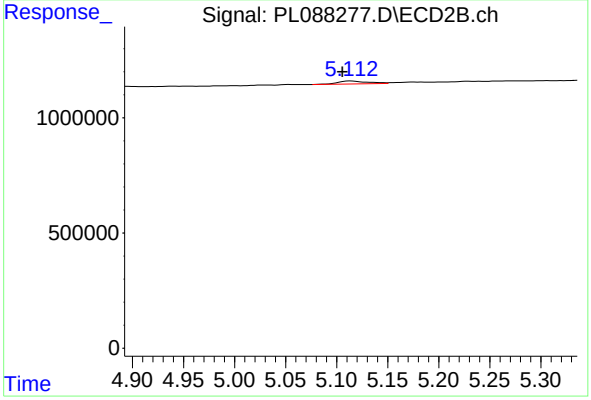
#24 Chlordane-2

R.T.: 4.473 min
Delta R.T.: 0.010 min
Response: 82208
Conc: 1.29 ng/ml



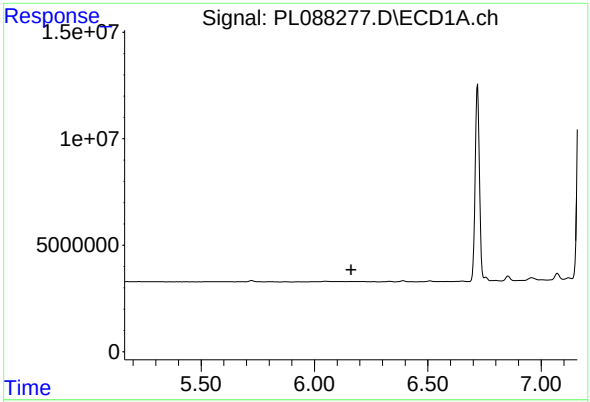
#25 Chlordane-3

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



#25 Chlordane-3

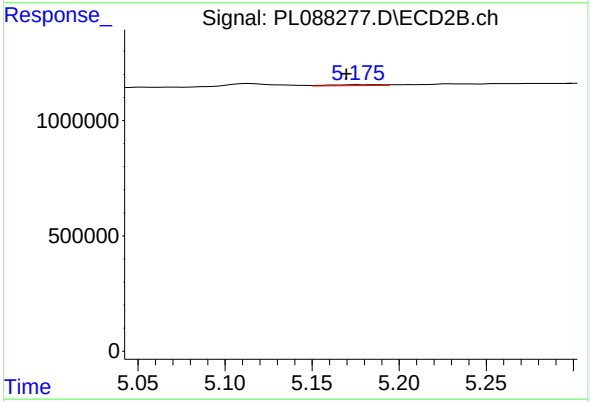
R.T.: 5.113 min
Delta R.T.: 0.008 min
Response: 262898
Conc: 1.41 ng/ml



#26 Chlordane-4

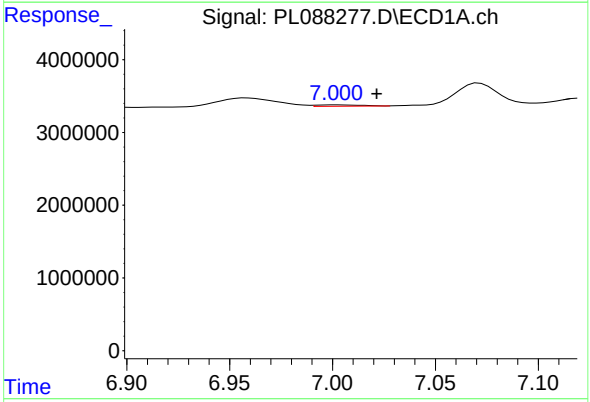
R.T.: 0.000 min
Exp R.T. : 6.162 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



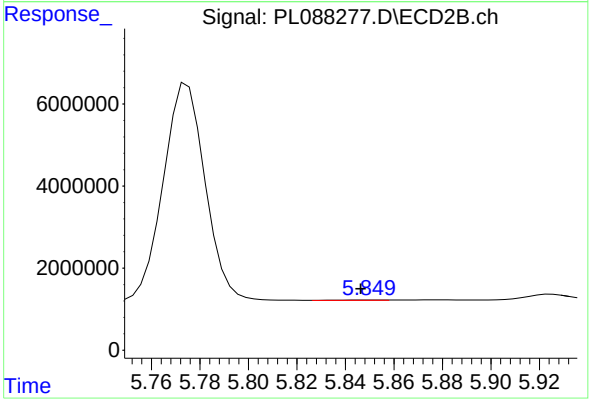
#26 Chlordane-4

R.T.: 5.176 min
Delta R.T.: 0.007 min
Response: 87313
Conc: 0.50 ng/ml



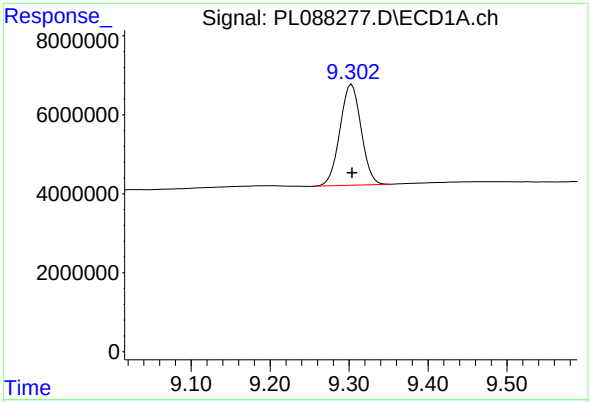
#27 Chlordane-5

R.T.: 7.002 min
Delta R.T.: -0.020 min
Response: 287011
Conc: 2.84 ng/ml



#27 Chlordane-5

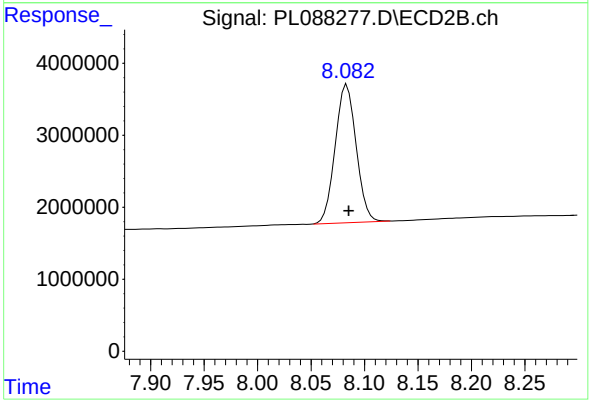
R.T.: 5.850 min
Delta R.T.: 0.004 min
Response: 147169
Conc: 2.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.303 min
Delta R.T.: 0.000 min
Response: 47793004
Conc: 24.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: -0.002 min
Response: 26320403
Conc: 20.67 ng/ml