Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050120\
Data File : PL058486.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2020 14:44
Operator : AJ\MA
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: May 02 00:40:55 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042820.M
Quant Title : GC Extractables
QLast Update : Wed Apr 29 00:55:33 2020
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	3.954	254.8E6	52641078	23.945	24.355	
28)	SA Decachlor...	8.200	8.974	215.6E6	49738415	19.935	22.416	
	Target Compounds							
2)	A alpha-BHC	3.891	4.341	205.7E6	36405471	11.233	10.993	
3)	MA gamma-BHC...	4.174	4.623	183.8E6	35909331	10.649	10.853	
4)	MA Heptachlor	4.468	5.135	1163062	379543	0.066	0.110	#
5)	MB Aldrin	4.717	0.000	8275525	0	0.499	N.D.	#
6)	B beta-BHC	4.427	4.797	88183233	17532213	12.339	12.033	
7)	B delta-BHC	0.000	4.983f	0	459944	N.D.	0.183	#
8)	B Heptachlo...	5.179	5.810	74190351	8348012	4.885	2.607	#
9)	A Endosulfan I	5.499	6.159	12261641	400323	0.869	0.129	#
10)	B gamma-Chl...	5.369f	6.013f	57676486	5367551	3.746	1.590	#
11)	B alpha-Chl...	5.423f	6.132f	17997209	744355	1.187	0.219	#
12)	B 4,4'-DDE	5.612	6.272	50647614	591614	3.350	0.194	#
14)	MA Endrin	6.003	6.637	742.3E6	148.3E6	54.604	57.668	
15)	B Endosulfa...	0.000	6.865f	0	2431716	N.D.	0.913	#
16)	A 4,4'-DDD	6.129	6.764	27177519	2175096	2.318	0.957	#
17)	MA 4,4'-DDT	6.369	7.061	1293.5E6	257.5E6	110.855	117.619	
18)	B Endrin al...	6.436	6.969	7630490	1100309	0.719	0.505	#
19)	B Endosulfa...	6.677f	0.000	364016	0	0.031	N.D.	#
20)	A Methoxychlor	6.914	7.520	1487.6E6	325.7E6	250.369	262.766	
21)	B Endrin ke...	7.146	7.661	1464825	1864193	0.124	0.765	#
22)	Mirex	7.325	0.000	1820854	0	0.206	N.D.	#
24)	Chlordane-2	4.824	0.000	29916061	0	72.038	N.D.	#
25)	Chlordane-3	5.369f	6.013f	57676486	5367551	43.912	13.420	#
26)	Chlordane-4	5.423f	6.132f	17997209	744355	16.397	1.531	#
27)	Chlordane-5	0.000	6.935f	0	1557637	N.D.	20.804	#

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

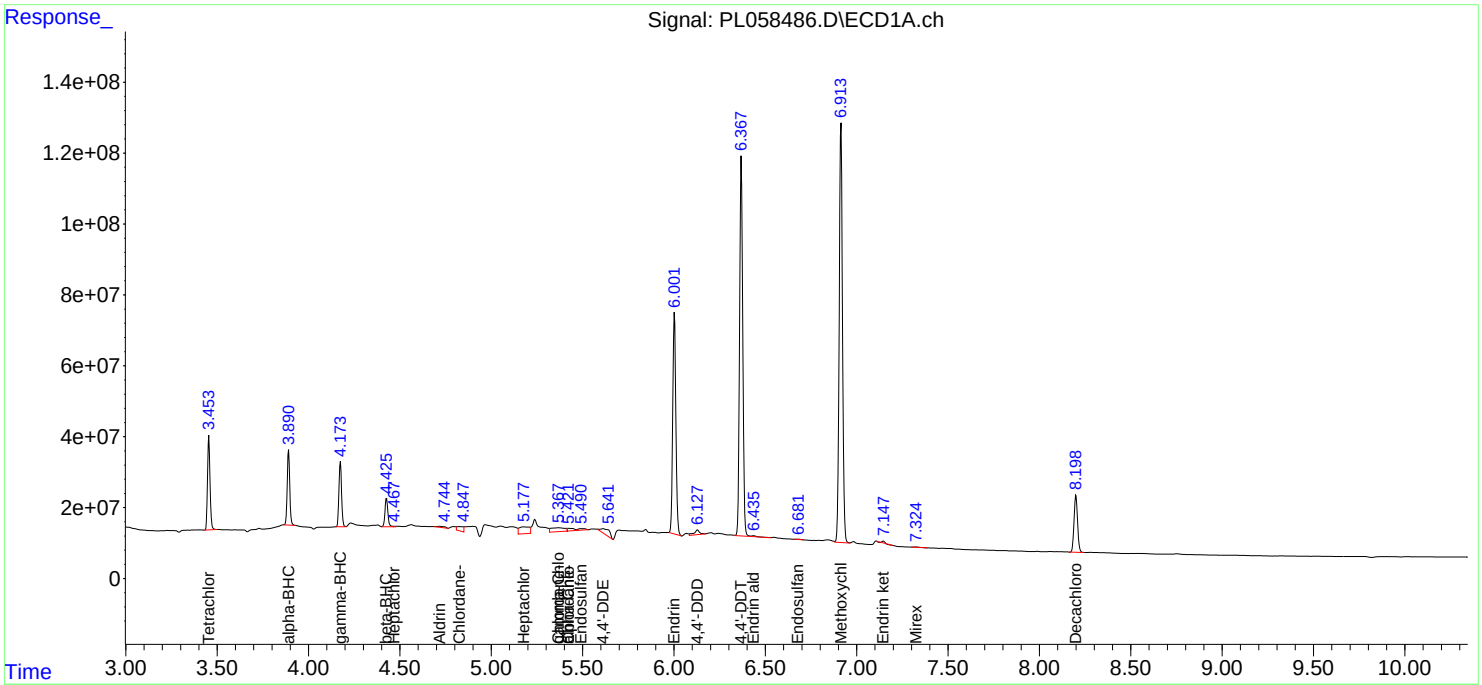
Quantitation Report (Not Reviewed)

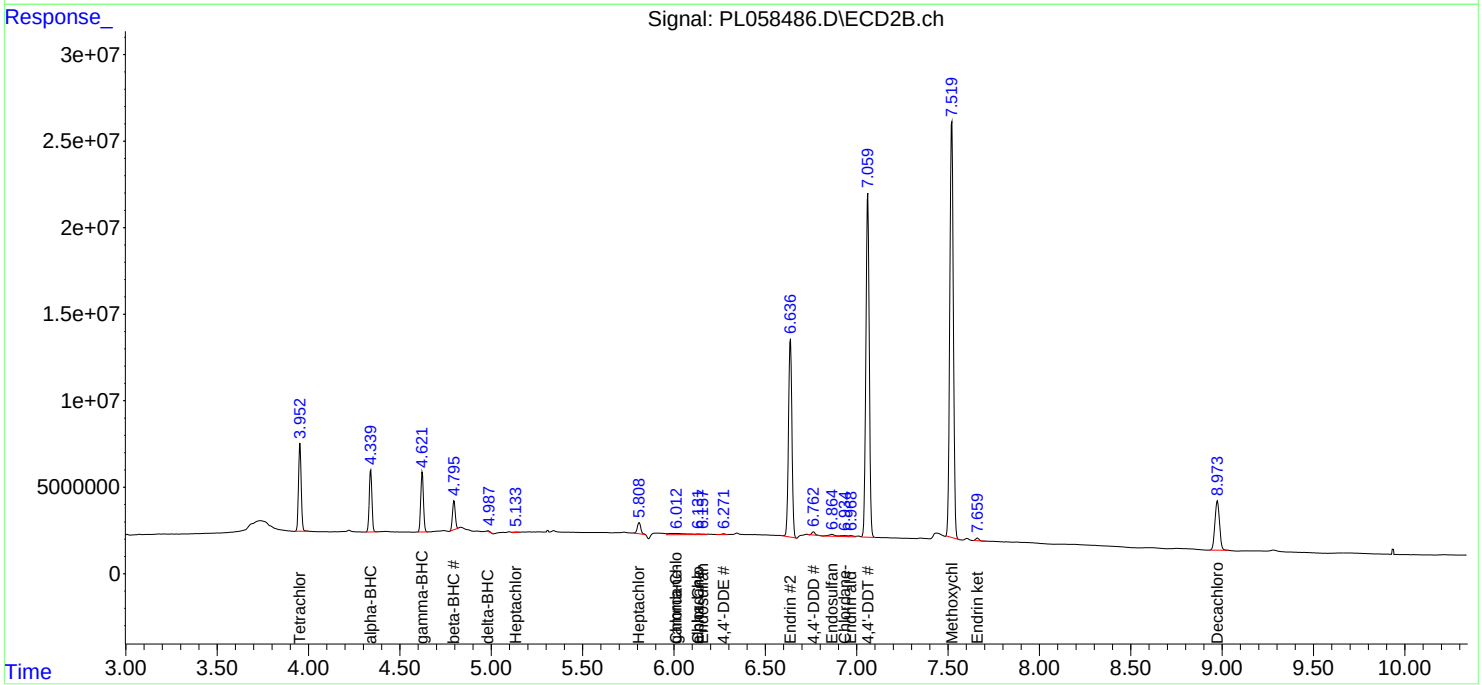
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050120\
Data File : PL058486.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2020 14:44
Operator : AJ\MA
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

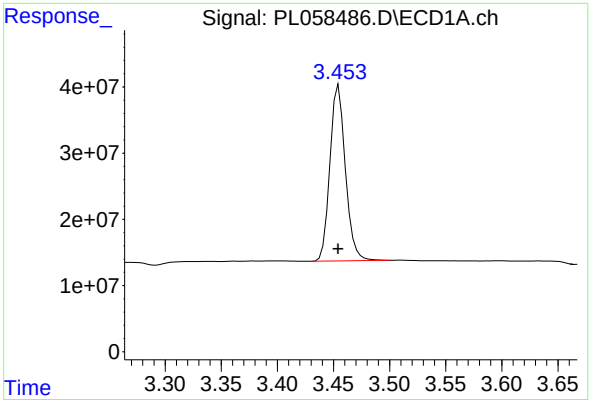
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 00:40:55 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042820.M
Quant Title : GC Extractables
QLast Update : Wed Apr 29 00:55:33 2020
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



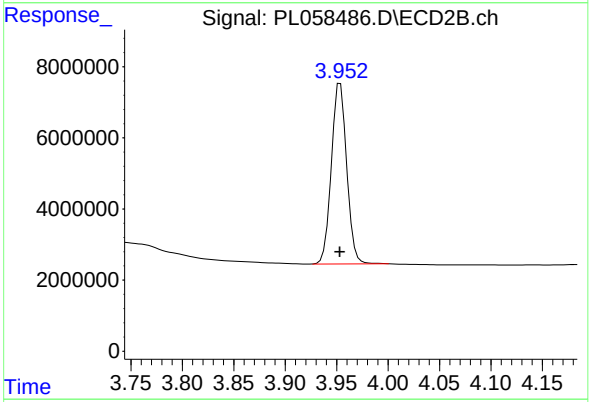




#1 Tetrachloro-m-xylene

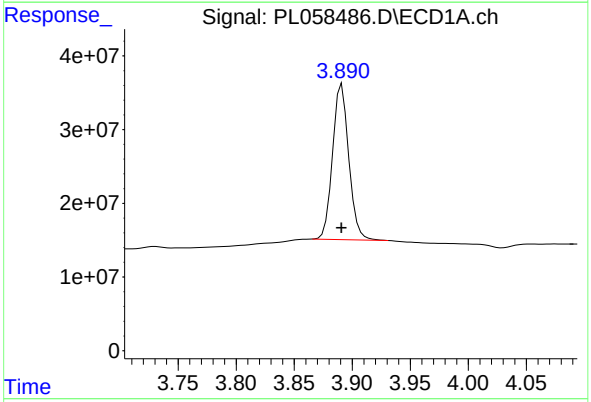
R.T.: 3.455 min
Delta R.T.: 0.000 min
Response: 254821295
Conc: 23.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



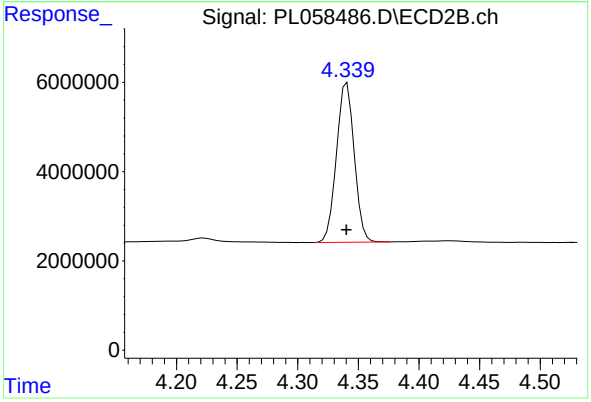
#1 Tetrachloro-m-xylene

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 52641078
Conc: 24.35 ng/ml



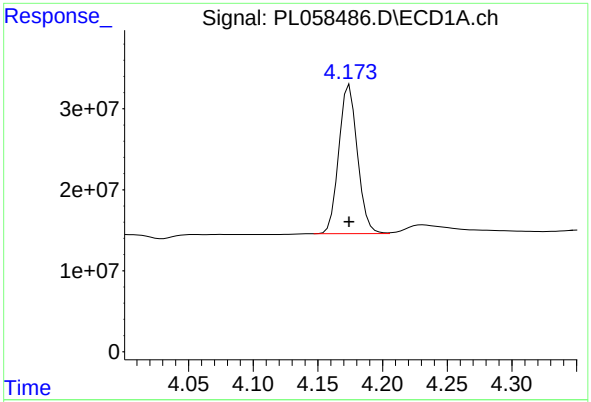
#2 alpha-BHC

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 205717012
Conc: 11.23 ng/ml



#2 alpha-BHC

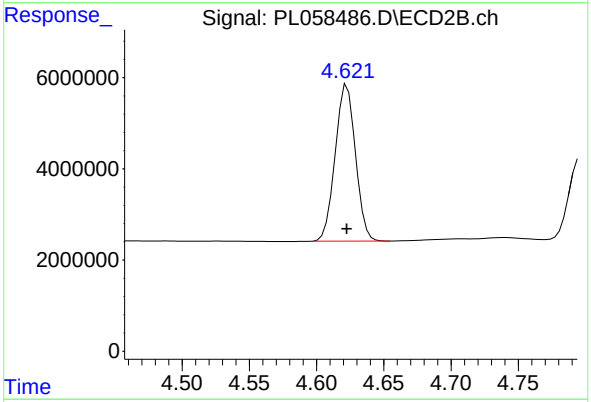
R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 36405471
Conc: 10.99 ng/ml



#3 gamma-BHC (Lindane)

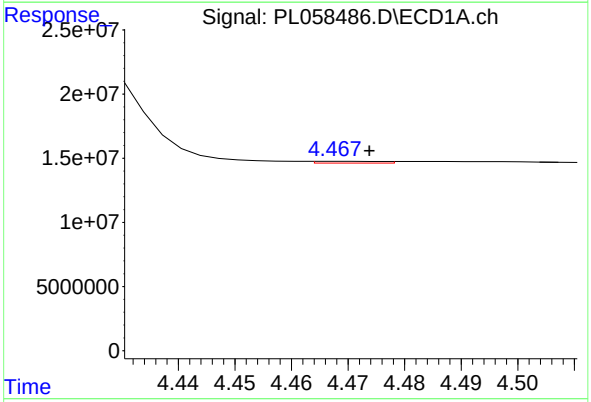
R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 183841786
Conc: 10.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



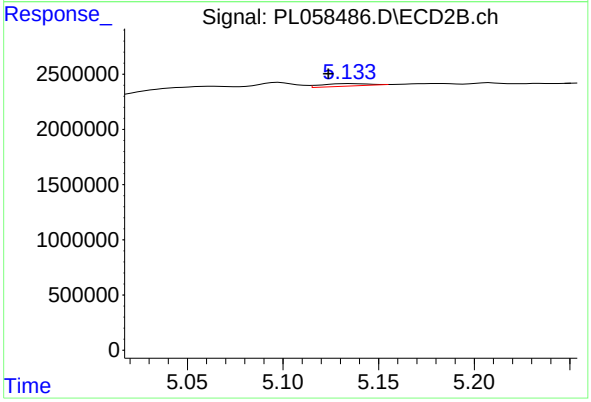
#3 gamma-BHC (Lindane)

R.T.: 4.623 min
Delta R.T.: 0.000 min
Response: 35909331
Conc: 10.85 ng/ml



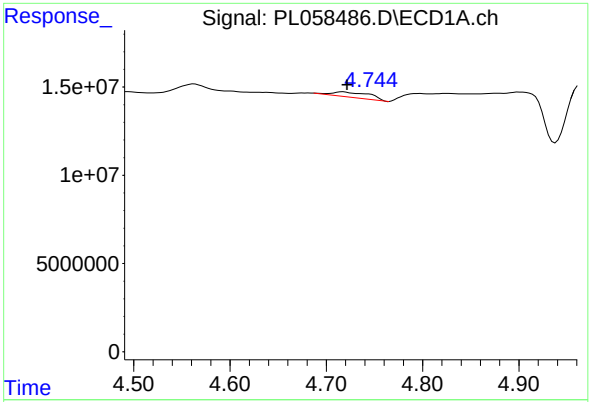
#4 Heptachlor

R.T.: 4.468 min
Delta R.T.: -0.006 min
Response: 1163062
Conc: 0.07 ng/ml



#4 Heptachlor

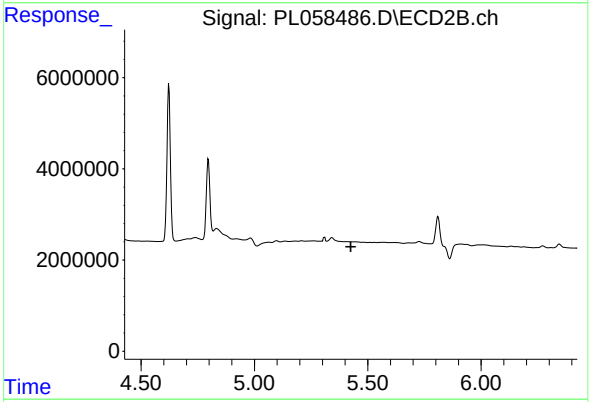
R.T.: 5.135 min
Delta R.T.: 0.011 min
Response: 379543
Conc: 0.11 ng/ml



#5 Aldrin

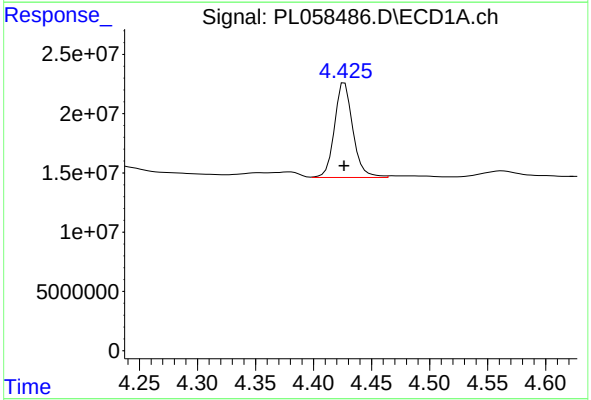
R.T.: 4.717 min
Delta R.T.: -0.004 min
Response: 8275525
Conc: 0.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



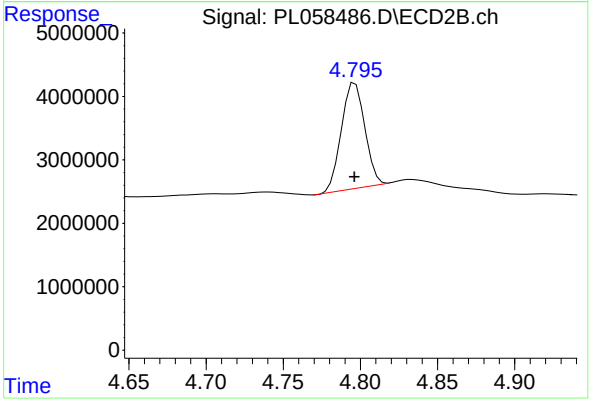
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.425 min
Response: 0
Conc: N.D.



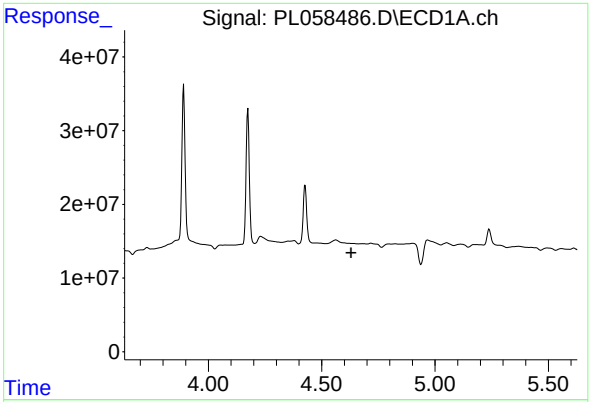
#6 beta-BHC

R.T.: 4.427 min
Delta R.T.: 0.000 min
Response: 88183233
Conc: 12.34 ng/ml



#6 beta-BHC

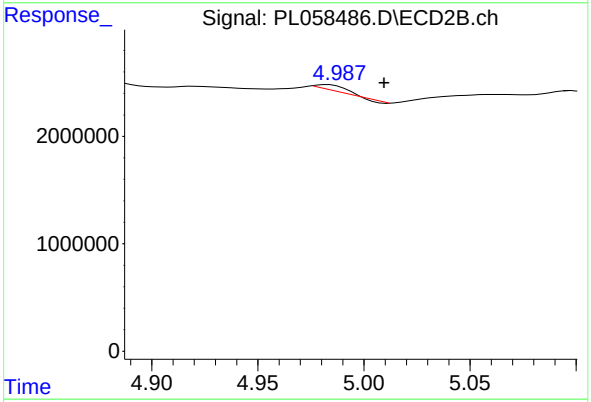
R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 17532213
Conc: 12.03 ng/ml



#7 delta-BHC

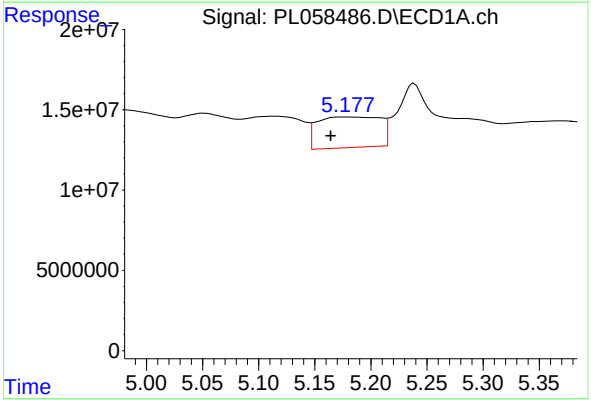
R.T.: 0.000 min
Exp R.T. : 4.630 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



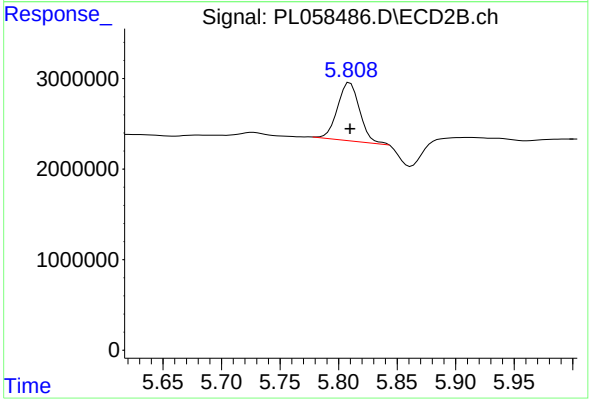
#7 delta-BHC

R.T.: 4.983 min
Delta R.T.: -0.026 min
Response: 459944
Conc: 0.18 ng/ml



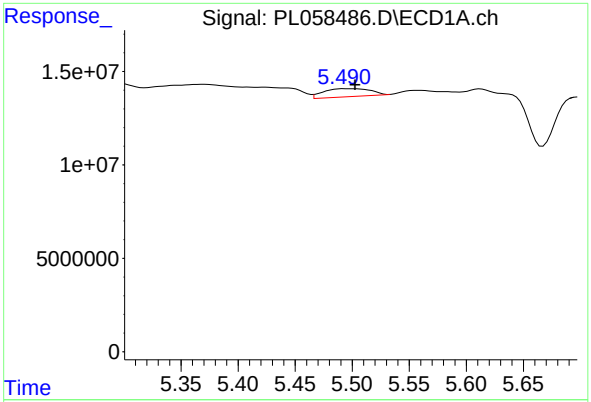
#8 Heptachlor epoxide

R.T.: 5.179 min
Delta R.T.: 0.014 min
Response: 74190351
Conc: 4.88 ng/ml



#8 Heptachlor epoxide

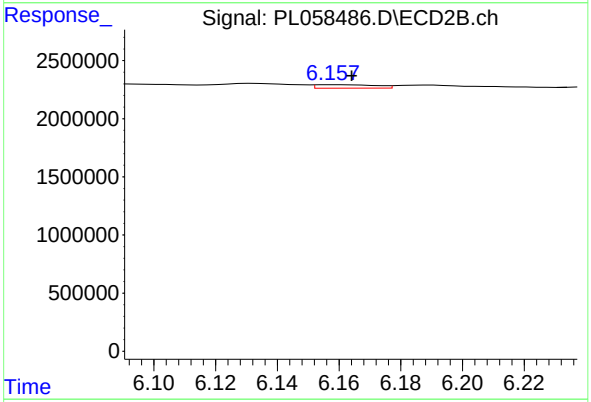
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 8348012
Conc: 2.61 ng/ml



#9 Endosulfan I

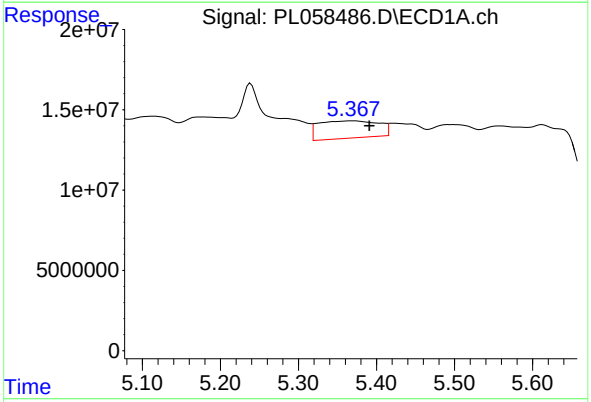
R.T.: 5.499 min
Delta R.T.: -0.004 min
Response: 12261641
Conc: 0.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



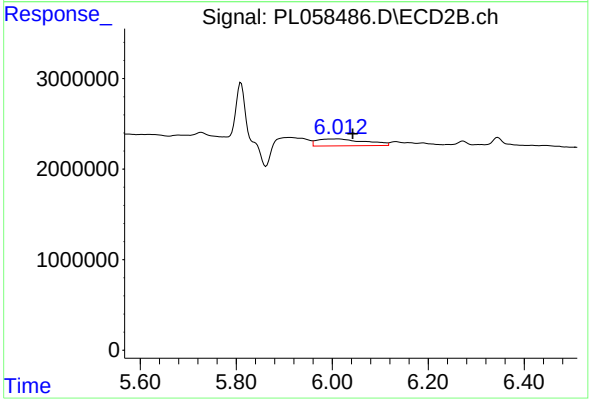
#9 Endosulfan I

R.T.: 6.159 min
Delta R.T.: -0.005 min
Response: 400323
Conc: 0.13 ng/ml



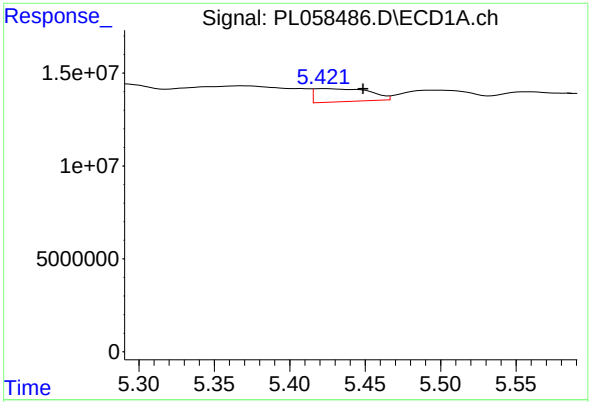
#10 gamma-Chlordane

R.T.: 5.369 min
Delta R.T.: -0.022 min
Response: 57676486
Conc: 3.75 ng/ml



#10 gamma-Chlordane

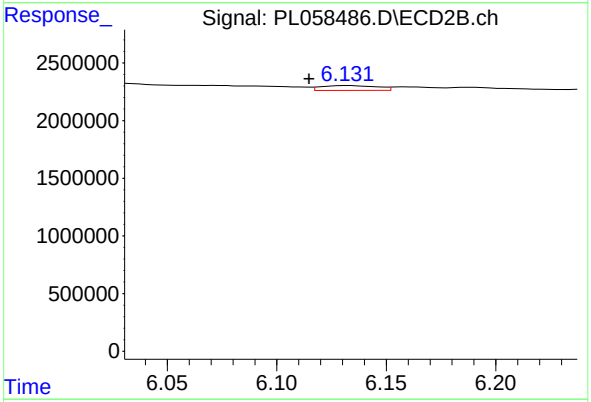
R.T.: 6.013 min
Delta R.T.: -0.030 min
Response: 5367551
Conc: 1.59 ng/ml



#11 alpha-Chlordane

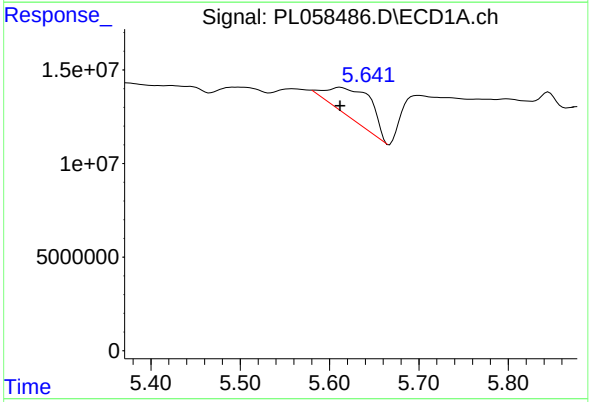
R.T.: 5.423 min
Delta R.T.: -0.025 min
Response: 17997209
Conc: 1.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



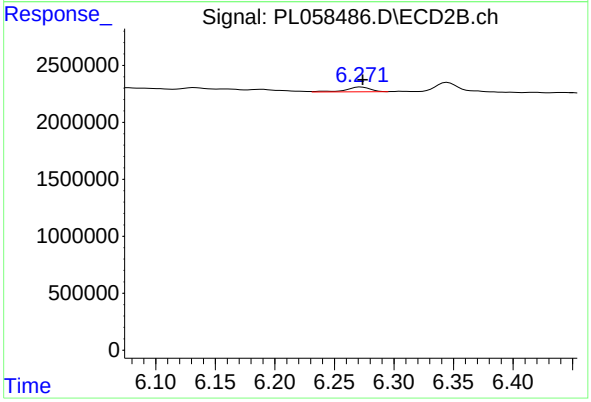
#11 alpha-Chlordane

R.T.: 6.132 min
Delta R.T.: 0.018 min
Response: 744355
Conc: 0.22 ng/ml



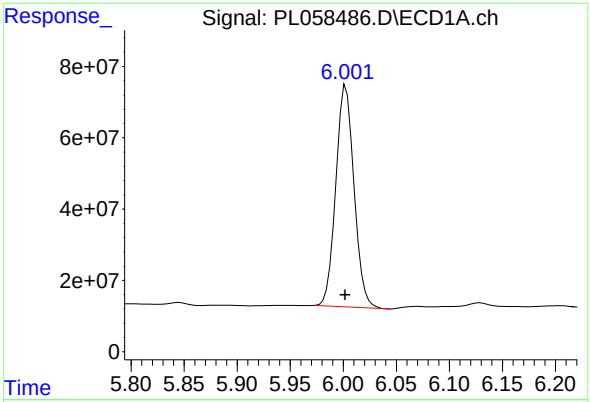
#12 4,4'-DDE

R.T.: 5.612 min
Delta R.T.: 0.000 min
Response: 50647614
Conc: 3.35 ng/ml



#12 4,4'-DDE

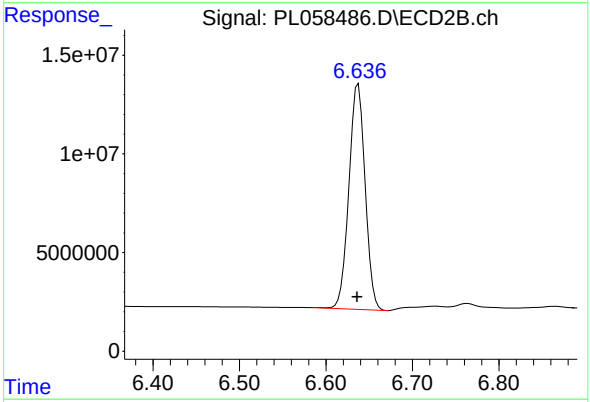
R.T.: 6.272 min
Delta R.T.: -0.001 min
Response: 591614
Conc: 0.19 ng/ml



#14 Endrin

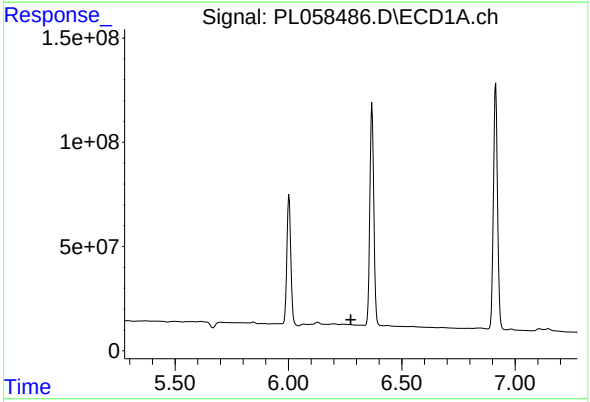
R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 742273522
Conc: 54.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



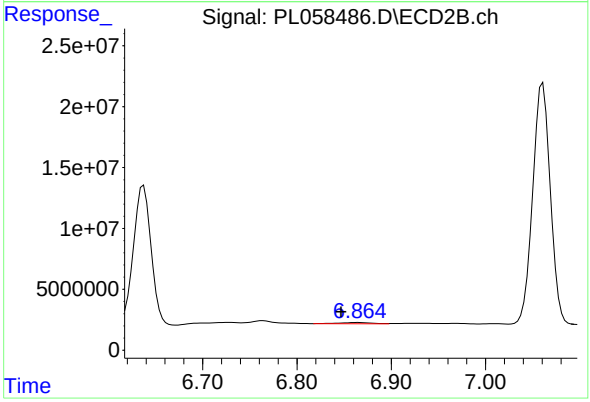
#14 Endrin

R.T.: 6.637 min
Delta R.T.: 0.001 min
Response: 148266669
Conc: 57.67 ng/ml



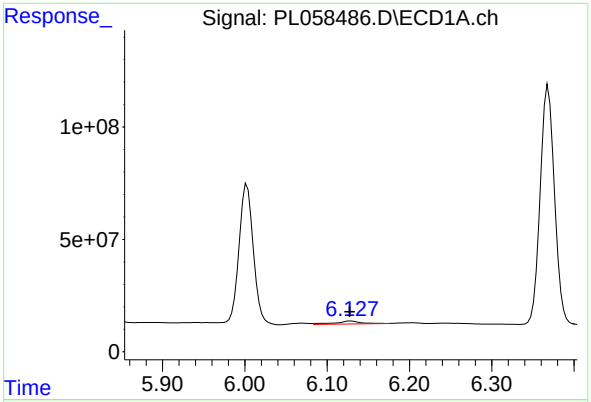
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.275 min
Response: 0
Conc: N.D.



#15 Endosulfan II

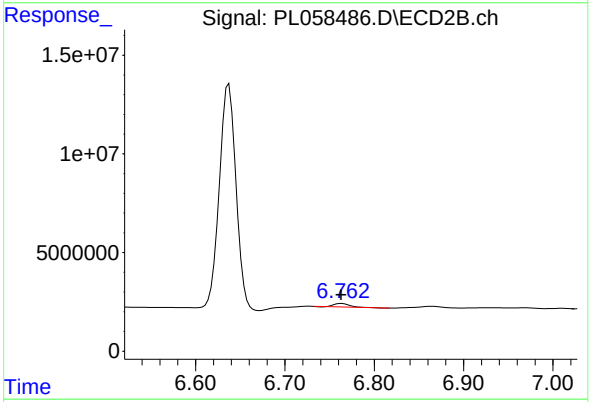
R.T.: 6.865 min
Delta R.T.: 0.019 min
Response: 2431716
Conc: 0.91 ng/ml



#16 4,4'-DDD

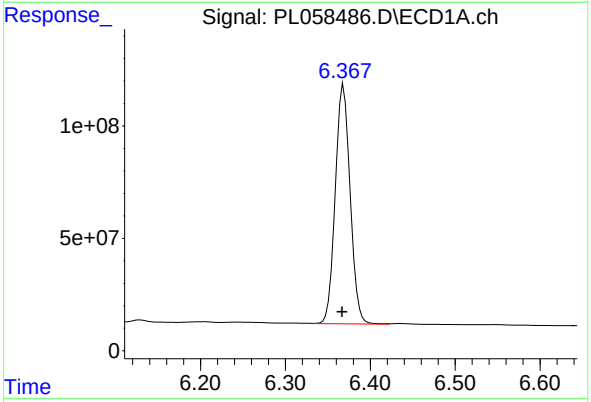
R.T.: 6.129 min
Delta R.T.: 0.001 min
Response: 27177519
Conc: 2.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



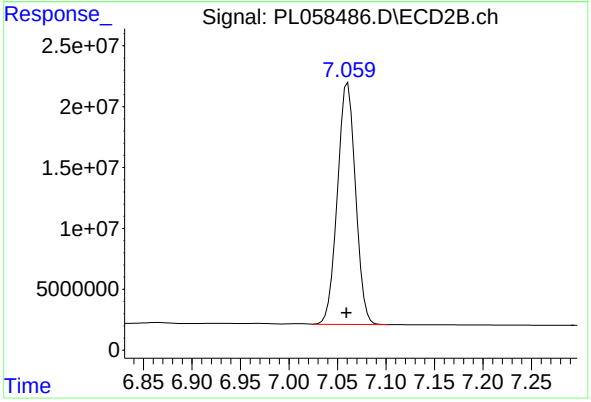
#16 4,4'-DDD

R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 2175096
Conc: 0.96 ng/ml



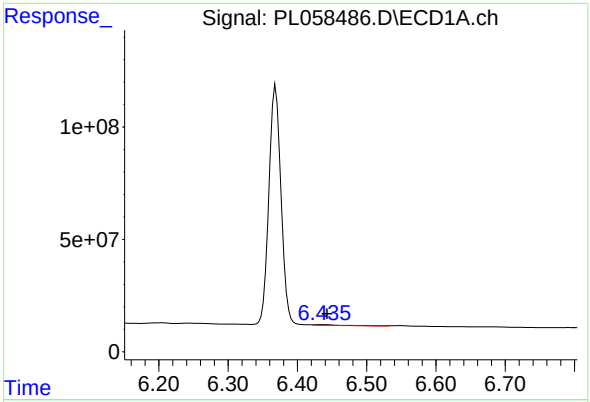
#17 4,4'-DDT

R.T.: 6.369 min
Delta R.T.: 0.002 min
Response: 1293546746
Conc: 110.86 ng/ml



#17 4,4'-DDT

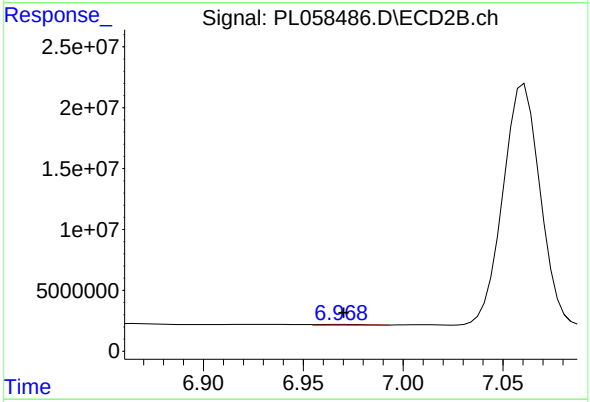
R.T.: 7.061 min
Delta R.T.: 0.001 min
Response: 257542747
Conc: 117.62 ng/ml



#18 Endrin aldehyde

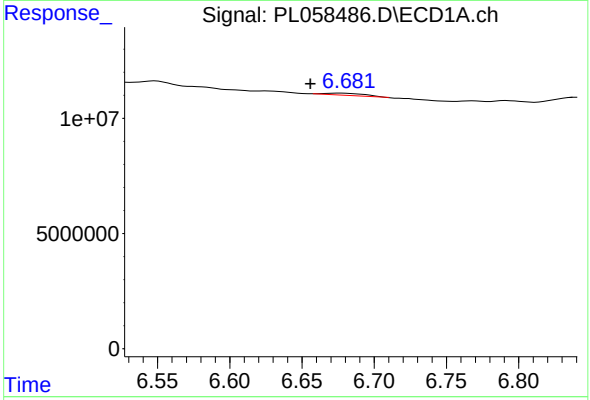
R.T.: 6.436 min
Delta R.T.: -0.006 min
Response: 7630490
Conc: 0.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



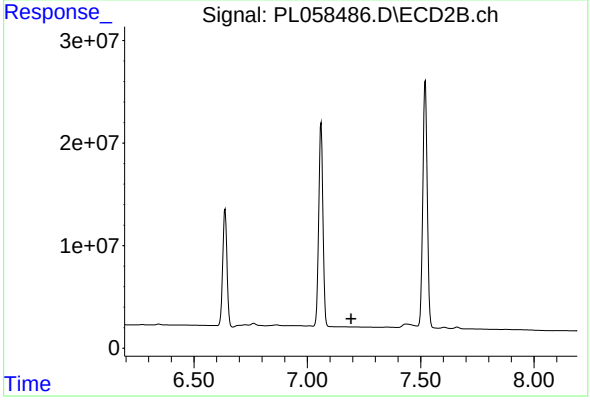
#18 Endrin aldehyde

R.T.: 6.969 min
Delta R.T.: -0.001 min
Response: 1100309
Conc: 0.50 ng/ml



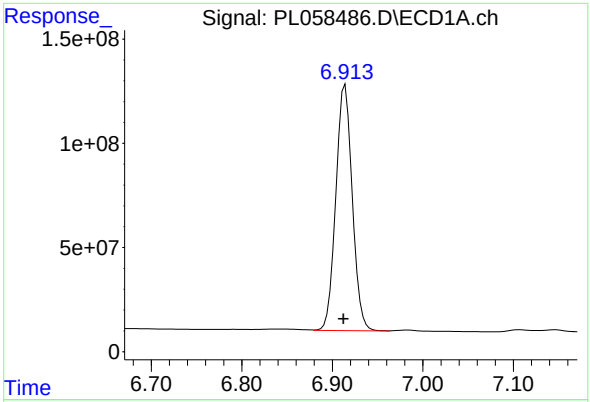
#19 Endosulfan Sulfate

R.T.: 6.677 min
Delta R.T.: 0.021 min
Response: 364016
Conc: 0.03 ng/ml



#19 Endosulfan Sulfate

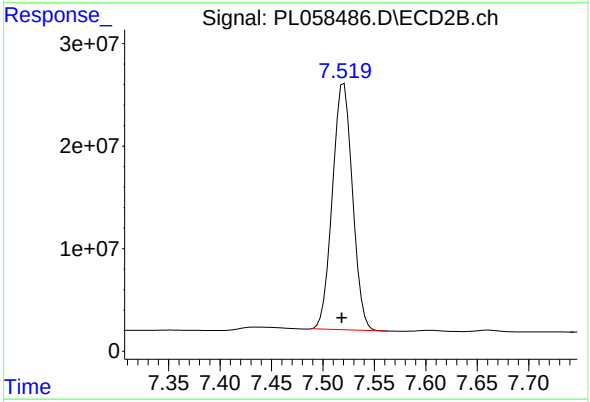
R.T.: 0.000 min
Exp R.T. : 7.193 min
Response: 0
Conc: N.D.



#20 Methoxychlor

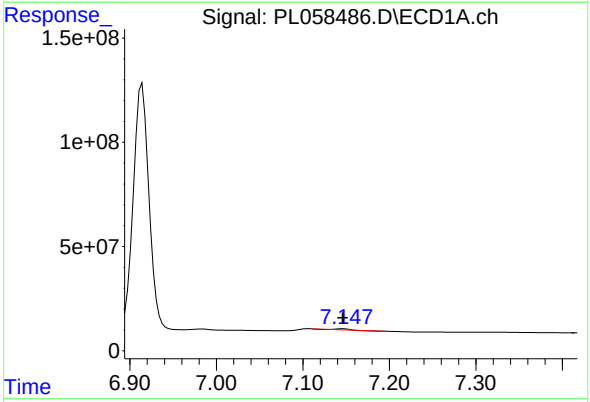
R.T.: 6.914 min
Delta R.T.: 0.002 min
Response: 1487622493
Conc: 250.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



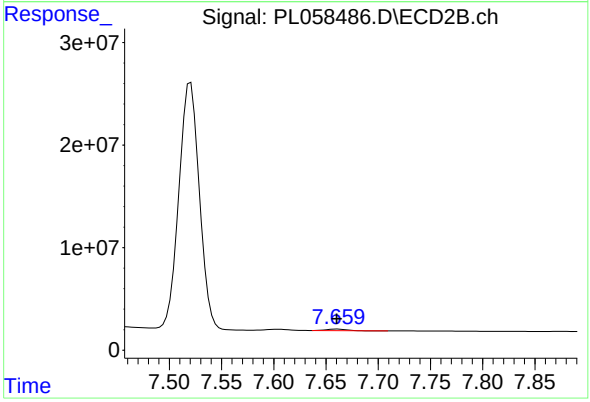
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: 0.002 min
Response: 325682157
Conc: 262.77 ng/ml



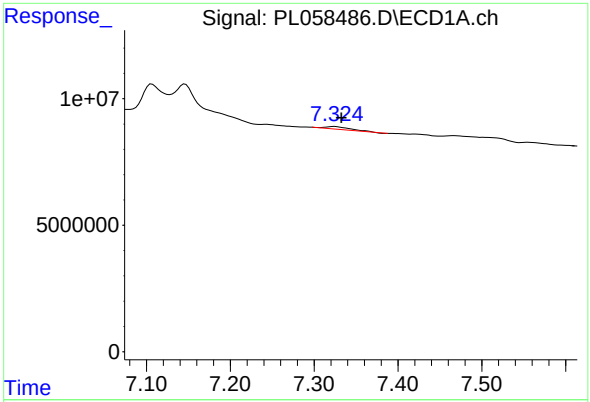
#21 Endrin ketone

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 1464825
Conc: 0.12 ng/ml



#21 Endrin ketone

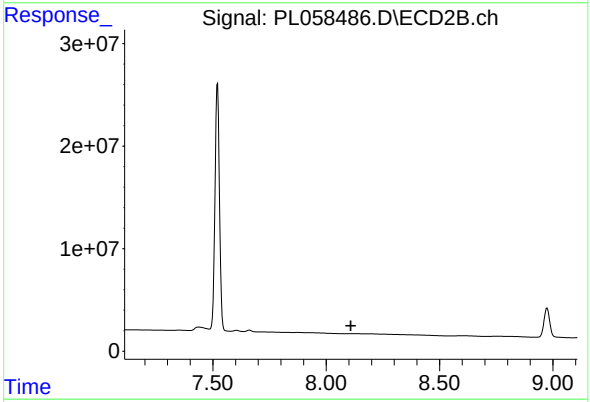
R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 1864193
Conc: 0.76 ng/ml



#22 Mirex

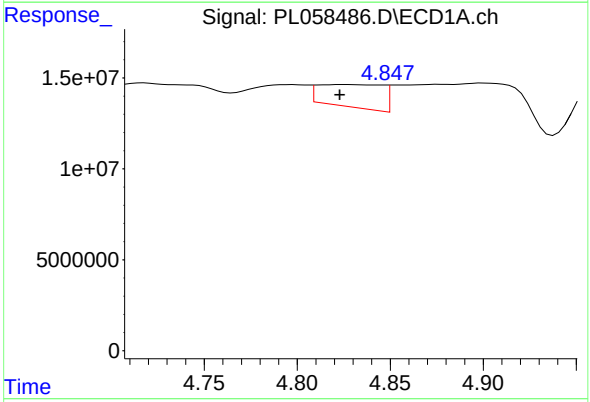
R.T.: 7.325 min
Delta R.T.: -0.008 min
Response: 1820854
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



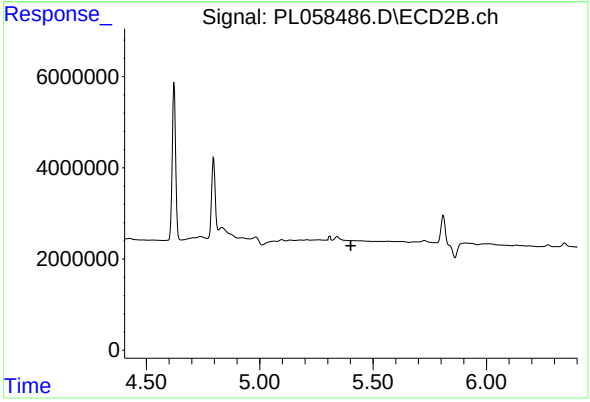
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.109 min
Response: 0
Conc: N.D.



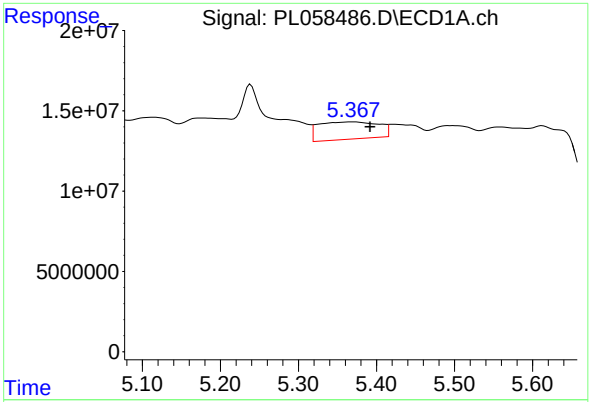
#24 Chlordane-2

R.T.: 4.824 min
Delta R.T.: 0.002 min
Response: 29916061
Conc: 72.04 ng/ml



#24 Chlordane-2

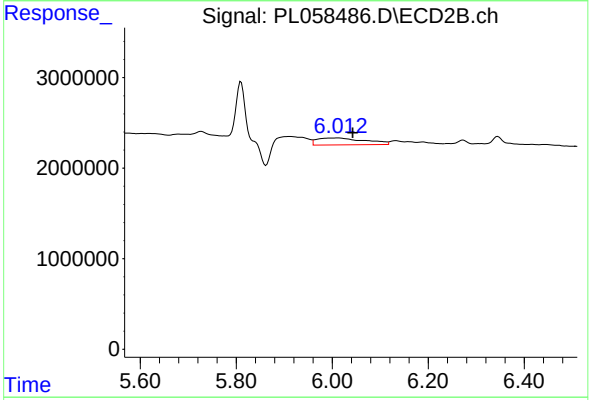
R.T.: 0.000 min
Exp R.T. : 5.402 min
Response: 0
Conc: N.D.



#25 Chlordane-3

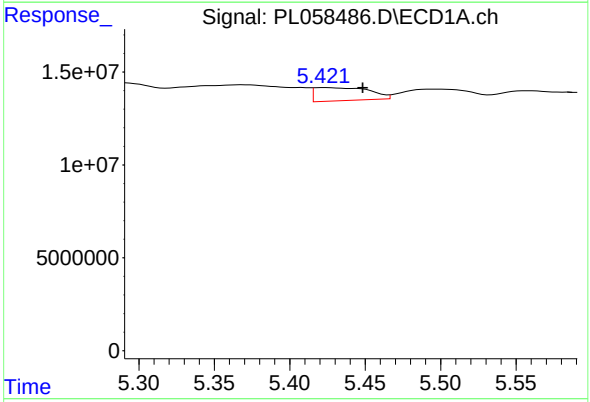
R.T.: 5.369 min
Delta R.T.: -0.023 min
Response: 57676486
Conc: 43.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



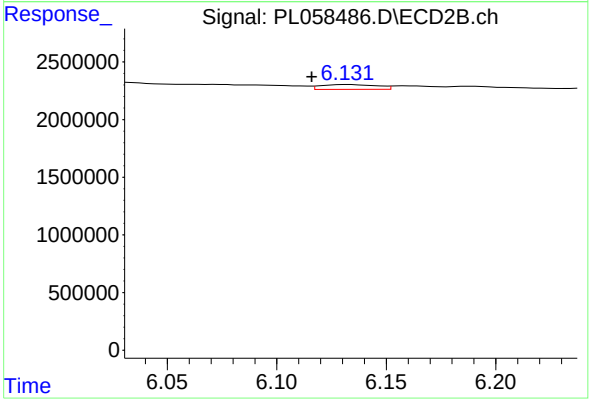
#25 Chlordane-3

R.T.: 6.013 min
Delta R.T.: -0.030 min
Response: 5367551
Conc: 13.42 ng/ml



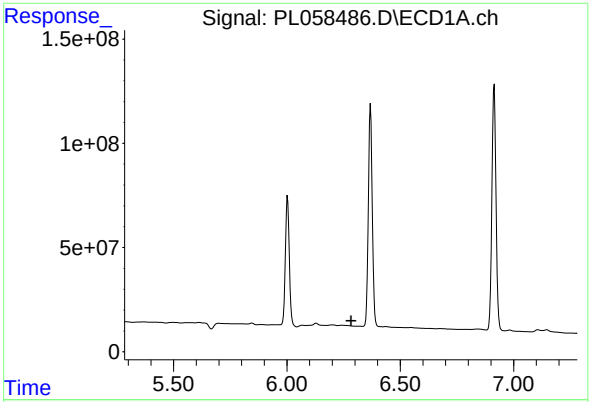
#26 Chlordane-4

R.T.: 5.423 min
Delta R.T.: -0.025 min
Response: 17997209
Conc: 16.40 ng/ml



#26 Chlordane-4

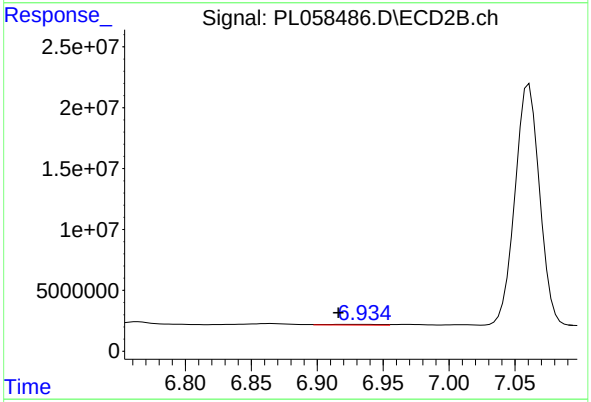
R.T.: 6.132 min
Delta R.T.: 0.016 min
Response: 744355
Conc: 1.53 ng/ml



#27 Chlordane-5

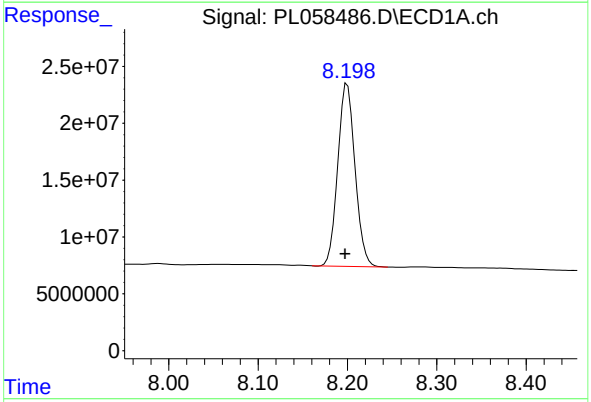
R.T.: 0.000 min
Exp R.T. : 6.283 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



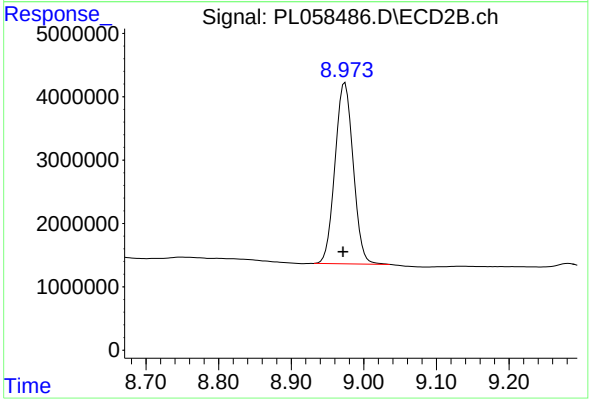
#27 Chlordane-5

R.T.: 6.935 min
Delta R.T.: 0.019 min
Response: 1557637
Conc: 20.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.200 min
Delta R.T.: 0.002 min
Response: 215593669
Conc: 19.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.974 min
Delta R.T.: 0.003 min
Response: 49738415
Conc: 22.42 ng/ml