Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050423\
Data File : PL082486.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 May 2023 10:10
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 04 13:08:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 2023
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...	3.320	2.644	50489145	42239694	18.901	18.232	
28)	SA Decachlor...	8.741	7.755	41595614	46923569	21.788	20.558	
	Target Compounds							
2)	A alpha-BHC	3.770	3.141	34512694	28321656	8.671	8.321	
3)	MA gamma-BHC...	4.098	3.468	33957567	24957545	9.082	7.762	
5)	MB Aldrin	0.000	4.098f	0	4835142	N.D.	1.535	#
6)	B beta-BHC	4.301	3.768	16967731	13215587	9.949	9.686	
7)	B delta-BHC	0.000	3.994	0	3764041	N.D.	1.227	#
8)	B Heptachlo...	5.438	4.580	6734117	66650	2.208	0.023	#
9)	A Endosulfan I	5.814	0.000	6048399	0	2.181	N.D.	#
10)	B gamma-Chl...	5.671f	4.827	10468380	647088	3.481	0.223	#
11)	B alpha-Chl...	5.772	4.877f	1704651	622459	0.571	0.214	#
12)	B 4,4'-DDE	0.000	5.079	0	3568331	N.D.	1.552	#
13)	MA Dieldrin	0.000	5.195f	0	176346	N.D.	0.065	#
14)	MA Endrin	6.322	5.484	109.8E6	105.1E6	45.287	42.960	
15)	B Endosulfa...	6.532	5.803f	4238802	638406	1.741	0.283	#
16)	A 4,4'-DDD	6.469	5.634	345879	280559	0.171	0.150	
17)	MA 4,4'-DDT	6.778	5.884	221.1E6	217.9E6	96.643	103.134	
18)	B Endrin al...	6.674	5.961	2595710	4905005	1.378	2.621	#
19)	B Endosulfa...	0.000	6.171f	0	466017	N.D.	0.198	#
20)	A Methoxychlor	7.259	6.463	295.2E6	289.5E6	241.898	238.928	
21)	B Endrin ke...	7.388	6.687	3361550	813480	1.404	0.320	#
22)	Mirex	7.833f	0.000	174333	0	0.089	N.D.	#
23)	Chlordane-1	0.000	3.622	0	2724744	N.D.	30.724	#
24)	Chlordane-2	4.967f	0.000	225280	0	1.892	N.D.	#
25)	Chlordane-3	5.671f	4.827	10468380	647088	24.249	2.278	#
26)	Chlordane-4	5.772	4.877f	1704651	622459	3.279	2.086	#
27)	Chlordane-5	0.000	5.803f	0	638406	N.D.	6.467	#

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

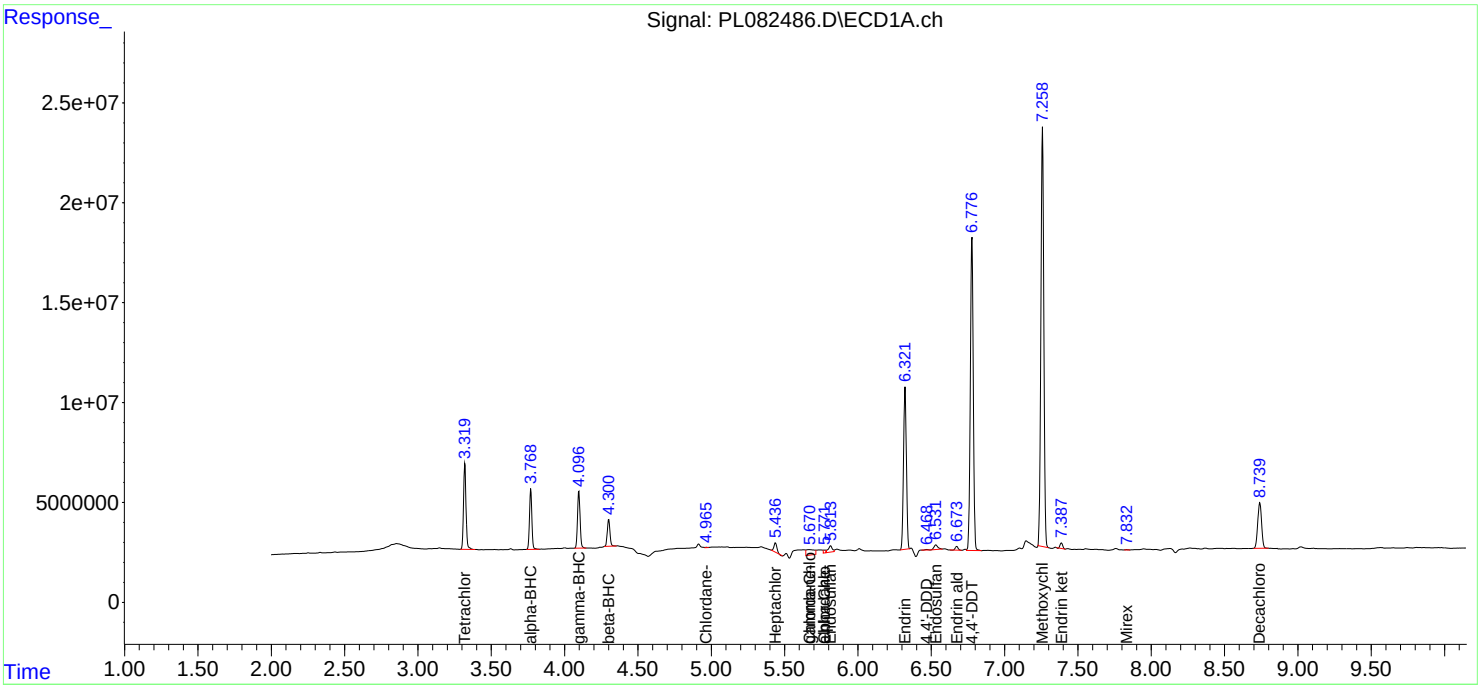
Quantitation Report (Not Reviewed)

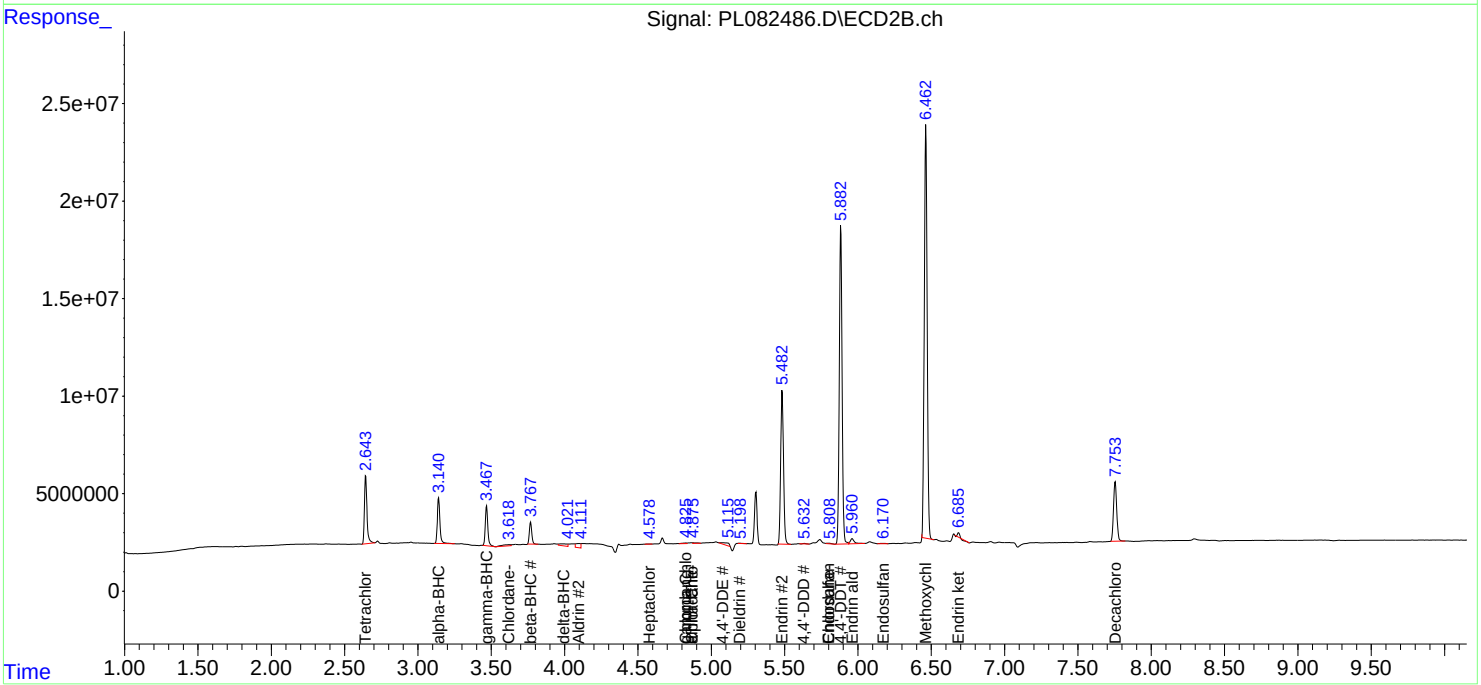
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050423\
Data File : PL082486.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 May 2023 10:10
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

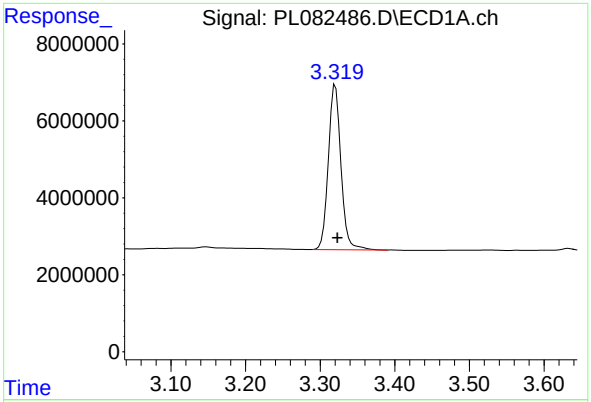
Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 04 13:08:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 2023
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



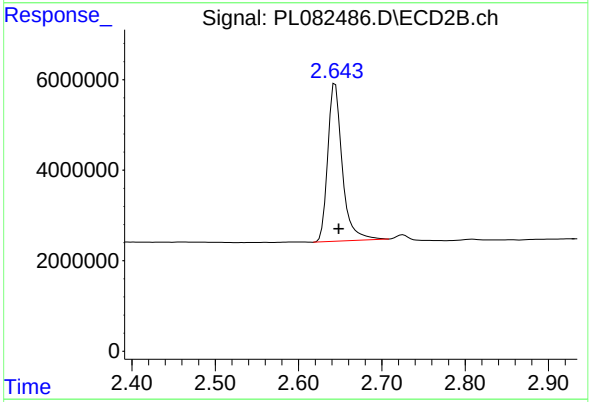




#1 Tetrachloro-m-xylene

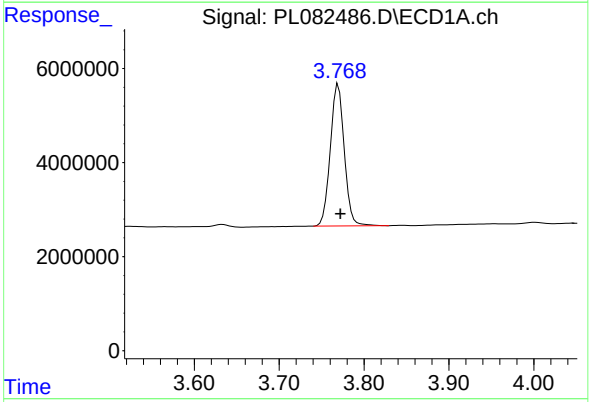
R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 50489145
Conc: 18.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



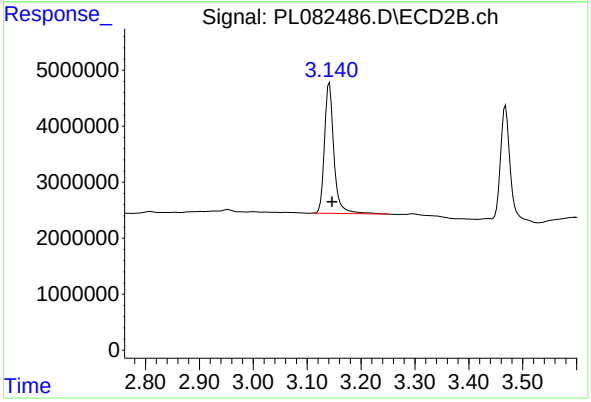
#1 Tetrachloro-m-xylene

R.T.: 2.644 min
Delta R.T.: -0.004 min
Response: 42239694
Conc: 18.23 ng/ml



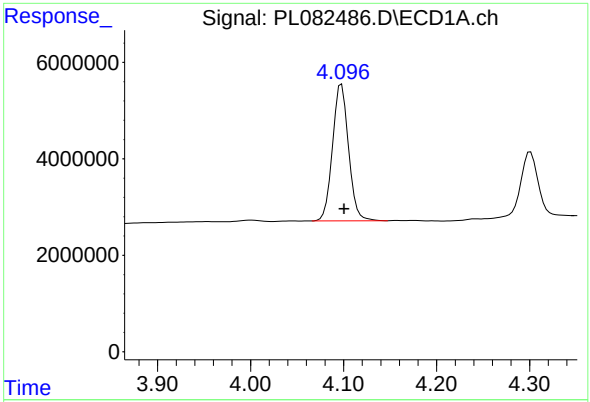
#2 alpha-BHC

R.T.: 3.770 min
Delta R.T.: -0.002 min
Response: 34512694
Conc: 8.67 ng/ml



#2 alpha-BHC

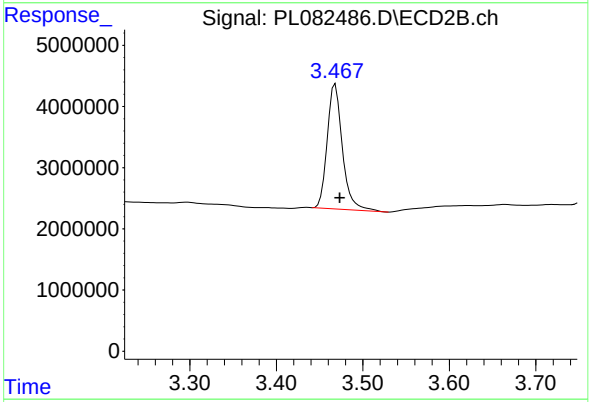
R.T.: 3.141 min
Delta R.T.: -0.005 min
Response: 28321656
Conc: 8.32 ng/ml



#3 gamma-BHC (Lindane)

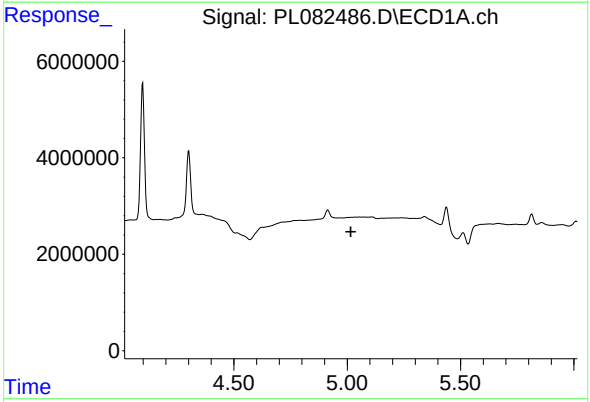
R.T.: 4.098 min
Delta R.T.: -0.003 min
Response: 33957567
Conc: 9.08 ng/ml

Instrument :
ECD_L
ClientSampleId :



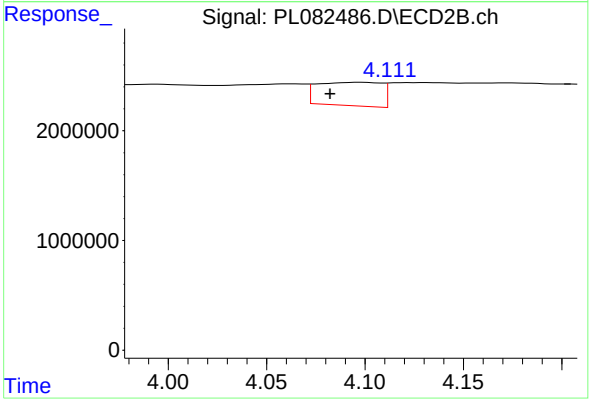
#3 gamma-BHC (Lindane)

R.T.: 3.468 min
Delta R.T.: -0.005 min
Response: 24957545
Conc: 7.76 ng/ml



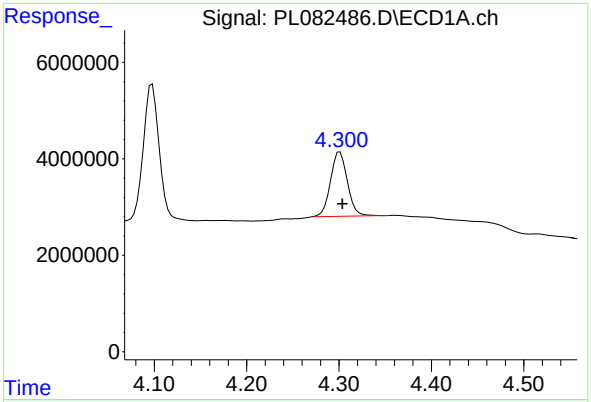
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.016 min
Response: 0
Conc: N.D.



#5 Aldrin

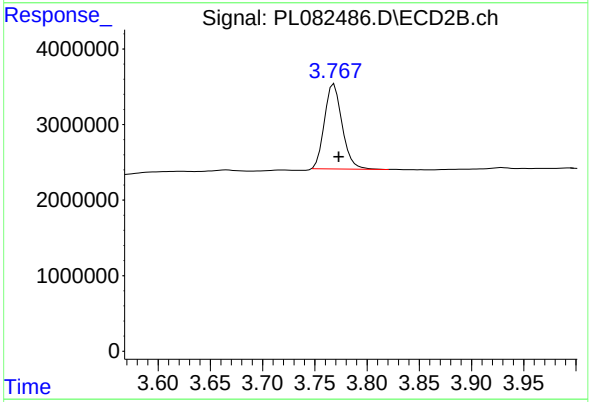
R.T.: 4.098 min
Delta R.T.: 0.015 min
Response: 4835142
Conc: 1.54 ng/ml



#6 beta-BHC

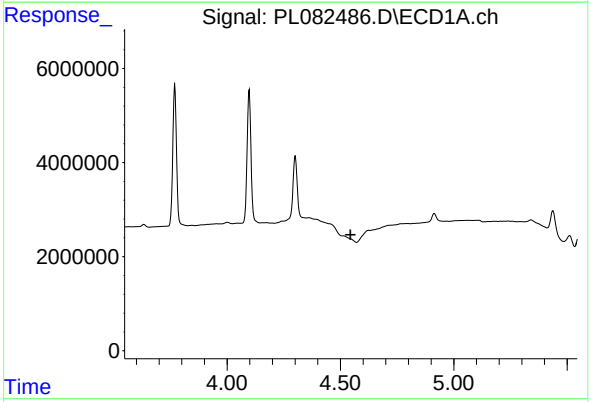
R.T.: 4.301 min
Delta R.T.: -0.003 min
Response: 16967731
Conc: 9.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



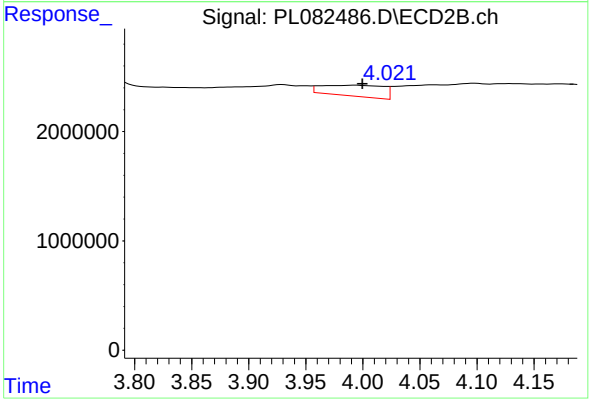
#6 beta-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 13215587
Conc: 9.69 ng/ml



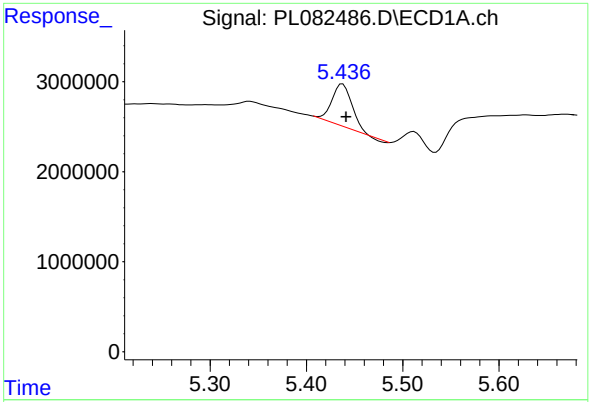
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.545 min
Response: 0
Conc: N.D.



#7 delta-BHC

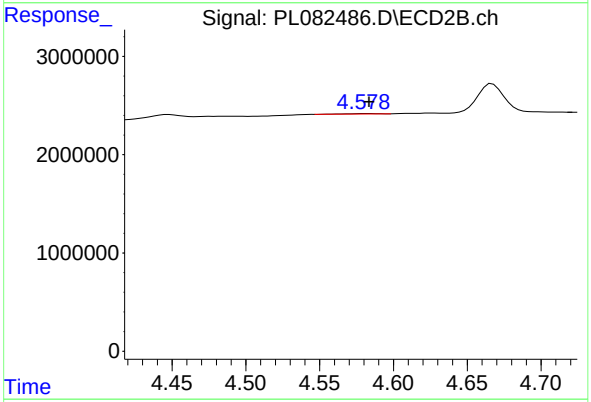
R.T.: 3.994 min
Delta R.T.: -0.005 min
Response: 3764041
Conc: 1.23 ng/ml



#8 Heptachlor epoxide

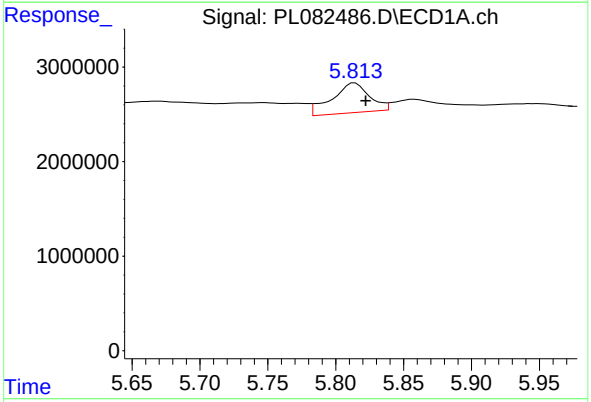
R.T.: 5.438 min
Delta R.T.: -0.004 min
Response: 6734117
Conc: 2.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



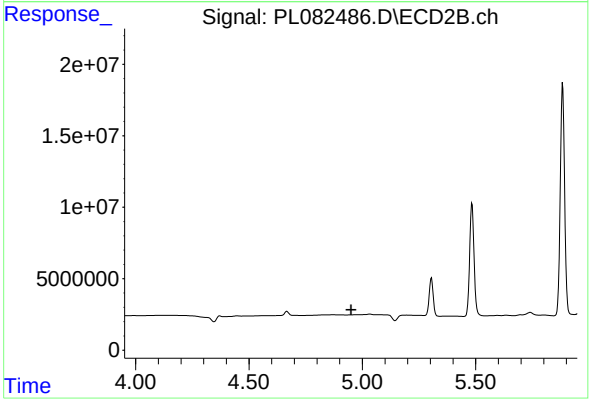
#8 Heptachlor epoxide

R.T.: 4.580 min
Delta R.T.: -0.003 min
Response: 66650
Conc: 0.02 ng/ml



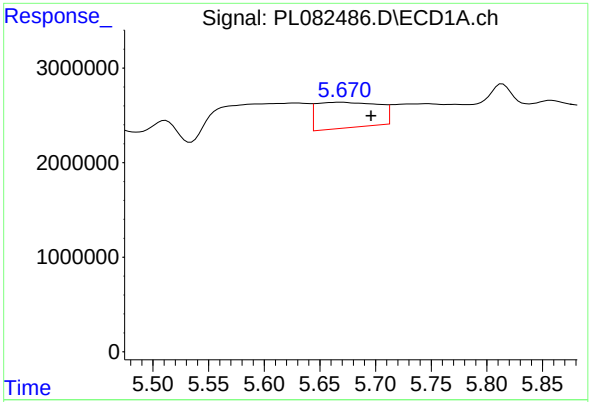
#9 Endosulfan I

R.T.: 5.814 min
Delta R.T.: -0.008 min
Response: 6048399
Conc: 2.18 ng/ml



#9 Endosulfan I

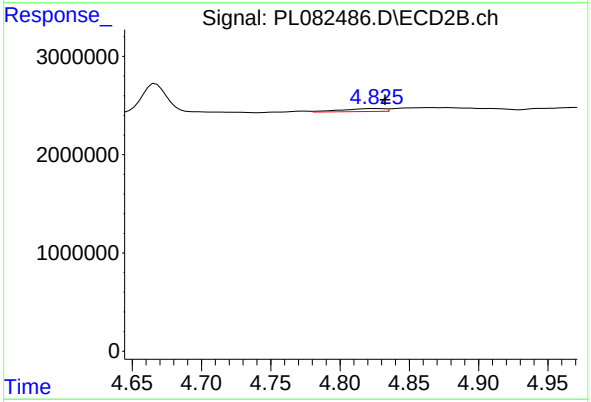
R.T.: 0.000 min
Exp R.T. : 4.950 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

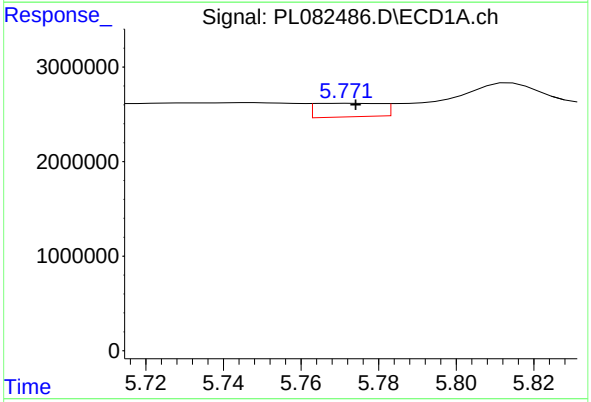
R.T.: 5.671 min
Delta R.T.: -0.025 min
Response: 10468380
Conc: 3.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



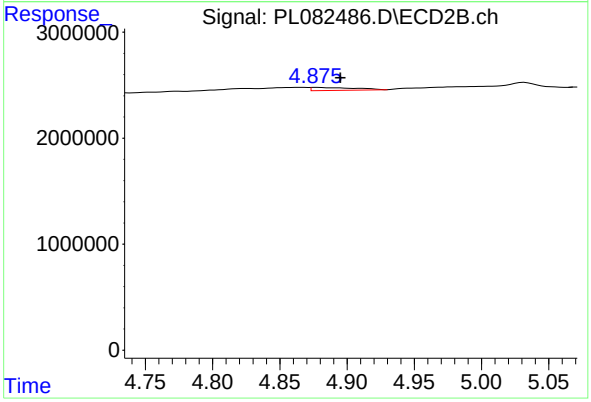
#10 gamma-Chlordane

R.T.: 4.827 min
Delta R.T.: -0.006 min
Response: 647088
Conc: 0.22 ng/ml



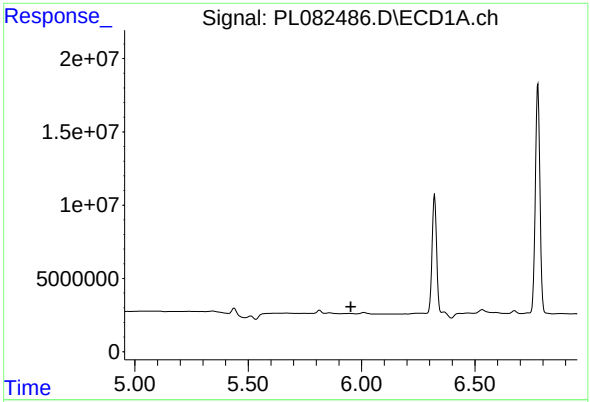
#11 alpha-Chlordane

R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 1704651
Conc: 0.57 ng/ml



#11 alpha-Chlordane

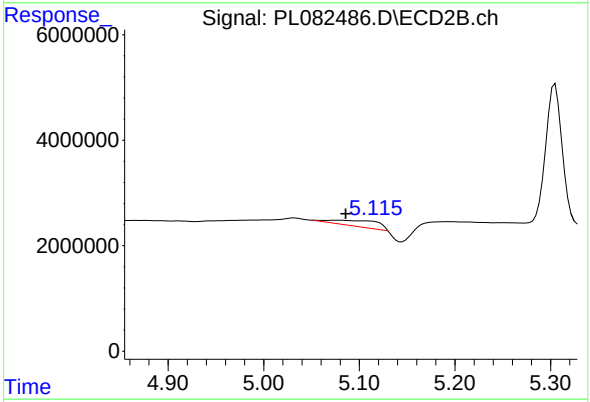
R.T.: 4.877 min
Delta R.T.: -0.018 min
Response: 622459
Conc: 0.21 ng/ml



#12 4,4'-DDE

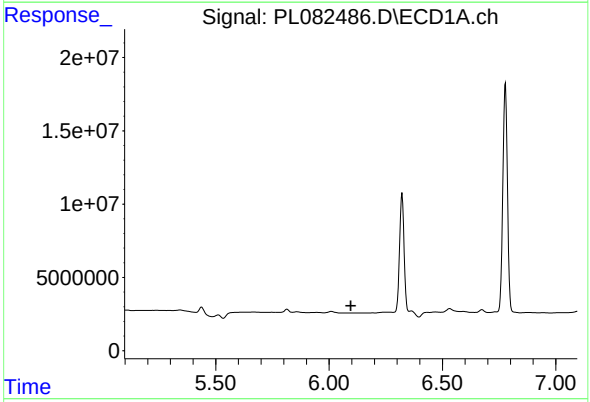
R.T.: 0.000 min
Exp R.T. : 5.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



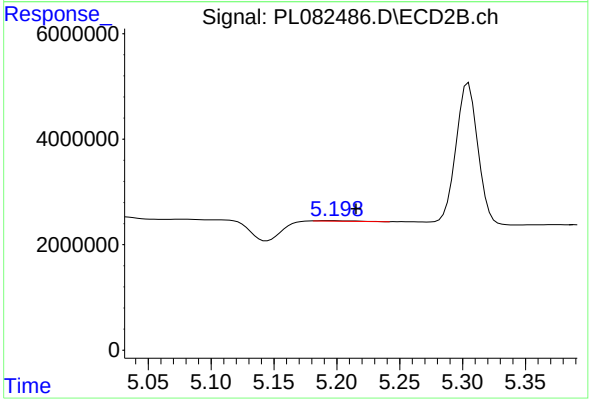
#12 4,4'-DDE

R.T.: 5.079 min
Delta R.T.: -0.007 min
Response: 3568331
Conc: 1.55 ng/ml



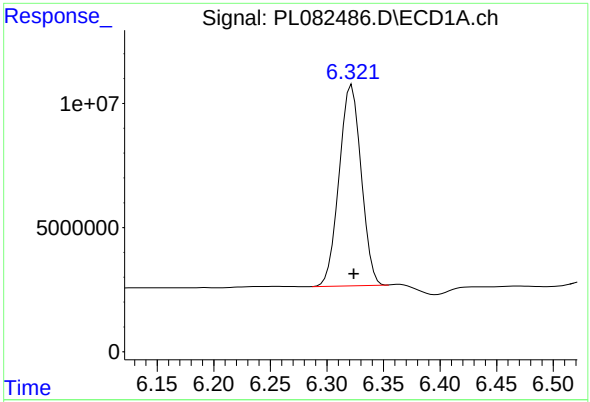
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.097 min
Response: 0
Conc: N.D.



#13 Dieldrin

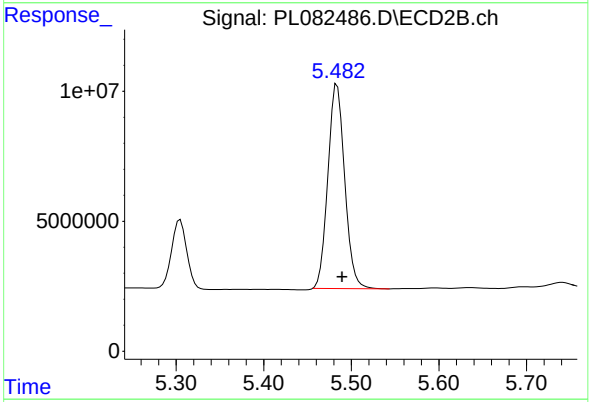
R.T.: 5.195 min
Delta R.T.: -0.020 min
Response: 176346
Conc: 0.07 ng/ml



#14 Endrin

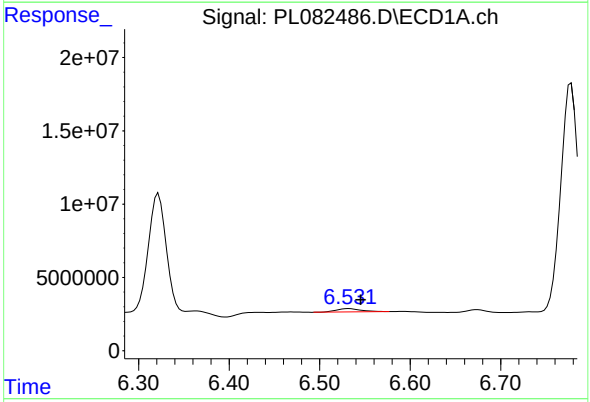
R.T.: 6.322 min
Delta R.T.: -0.002 min
Response: 109801932
Conc: 45.29 ng/ml

Instrument :
ECD_L
ClientSampleId :



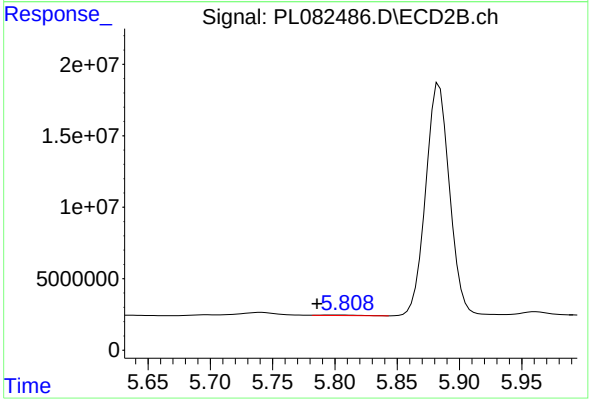
#14 Endrin

R.T.: 5.484 min
Delta R.T.: -0.006 min
Response: 105077773
Conc: 42.96 ng/ml



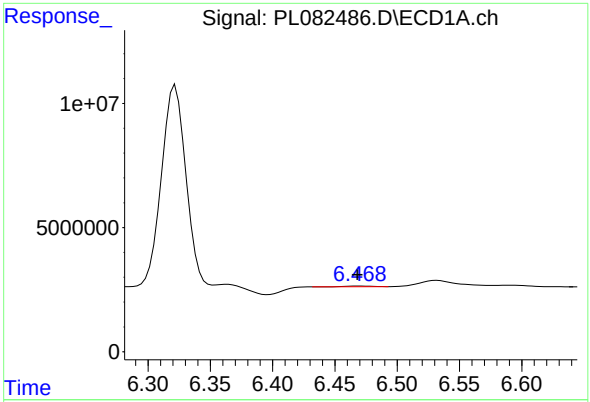
#15 Endosulfan II

R.T.: 6.532 min
Delta R.T.: -0.013 min
Response: 4238802
Conc: 1.74 ng/ml



#15 Endosulfan II

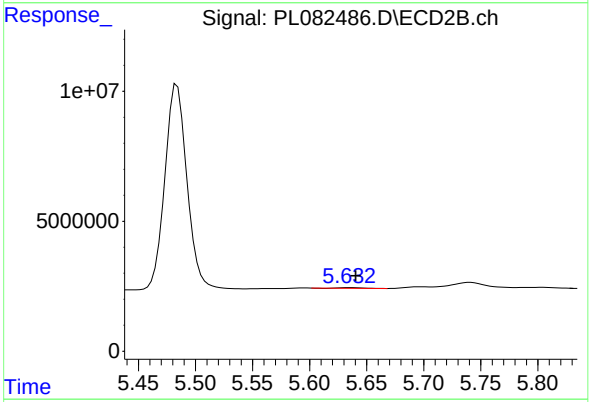
R.T.: 5.803 min
Delta R.T.: 0.017 min
Response: 638406
Conc: 0.28 ng/ml



#16 4,4'-DDD

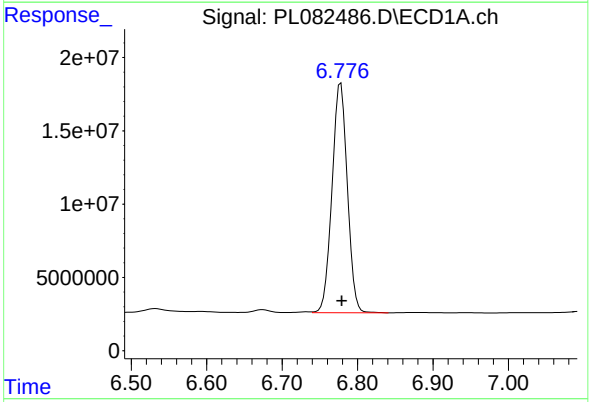
R.T.: 6.469 min
Delta R.T.: 0.001 min
Response: 345879
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :



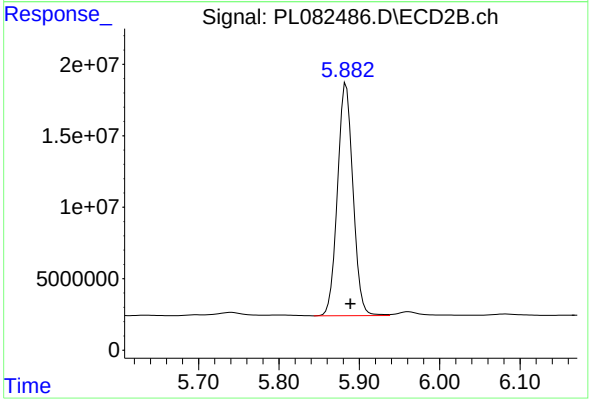
#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: -0.006 min
Response: 280559
Conc: 0.15 ng/ml



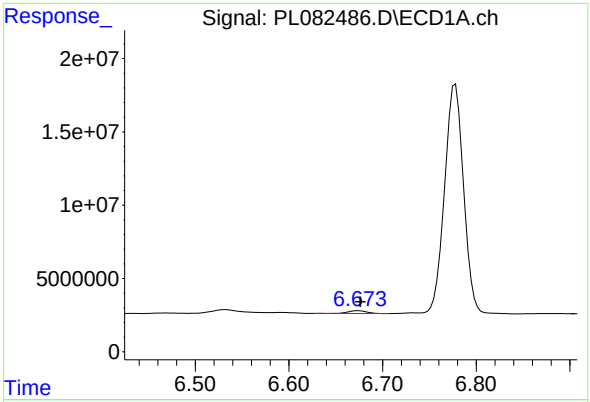
#17 4,4'-DDT

R.T.: 6.778 min
Delta R.T.: -0.001 min
Response: 221091964
Conc: 96.64 ng/ml



#17 4,4'-DDT

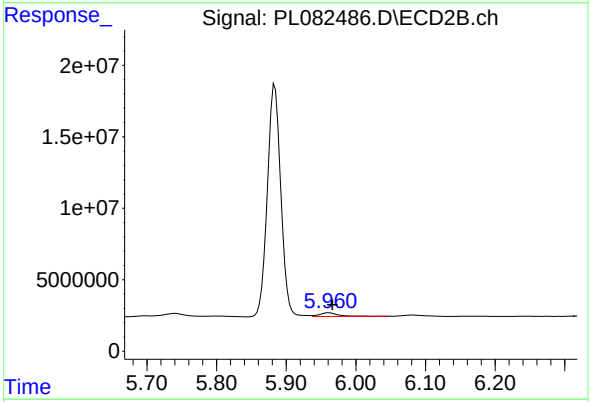
R.T.: 5.884 min
Delta R.T.: -0.006 min
Response: 217880225
Conc: 103.13 ng/ml



#18 Endrin aldehyde

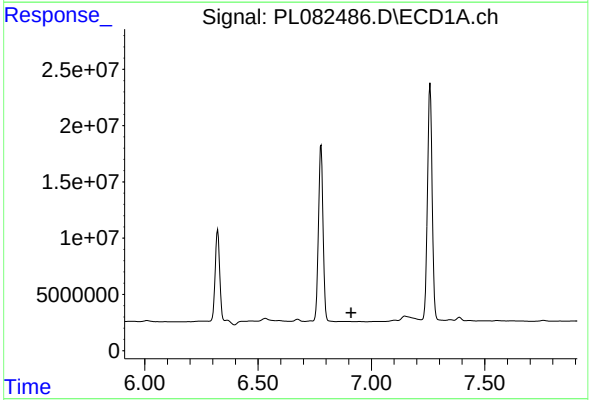
R.T.: 6.674 min
Delta R.T.: -0.002 min
Response: 2595710
Conc: 1.38 ng/ml

Instrument :
ECD_L
ClientSampleId :



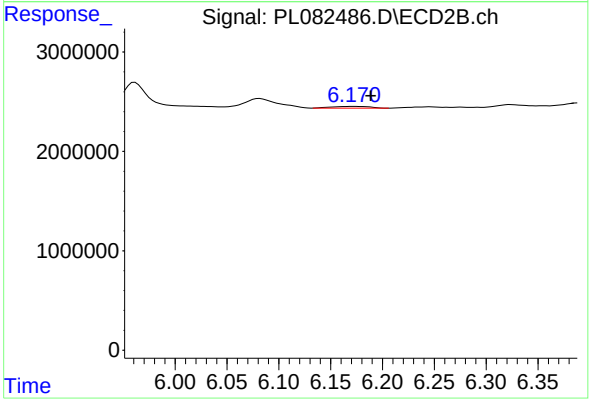
#18 Endrin aldehyde

R.T.: 5.961 min
Delta R.T.: -0.005 min
Response: 4905005
Conc: 2.62 ng/ml



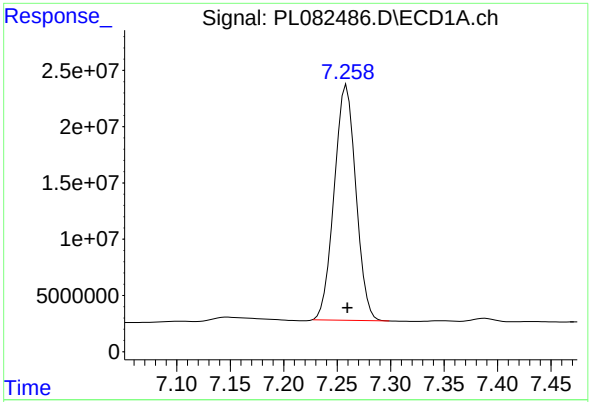
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 6.910 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

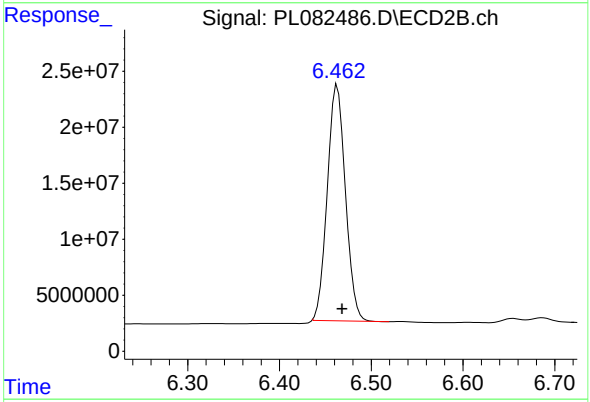
R.T.: 6.171 min
Delta R.T.: -0.017 min
Response: 466017
Conc: 0.20 ng/ml



#20 Methoxychlor

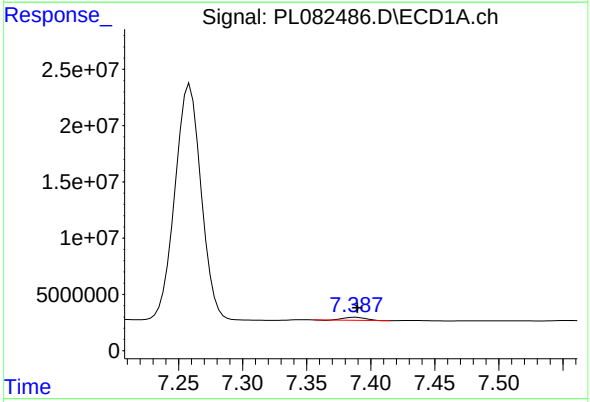
R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 295195792
Conc: 241.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



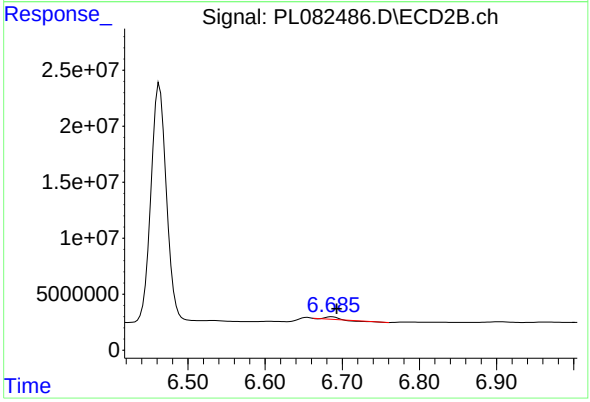
#20 Methoxychlor

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 289541737
Conc: 238.93 ng/ml



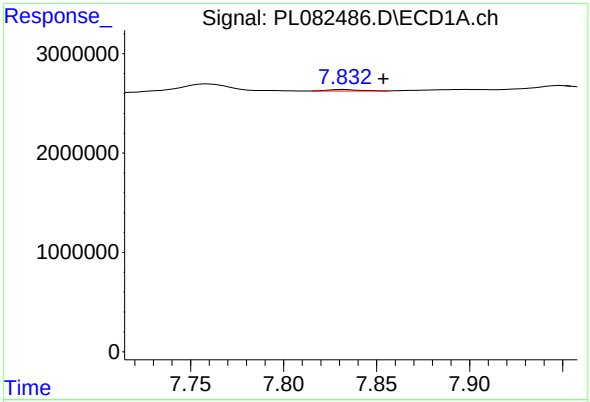
#21 Endrin ketone

R.T.: 7.388 min
Delta R.T.: -0.001 min
Response: 3361550
Conc: 1.40 ng/ml



#21 Endrin ketone

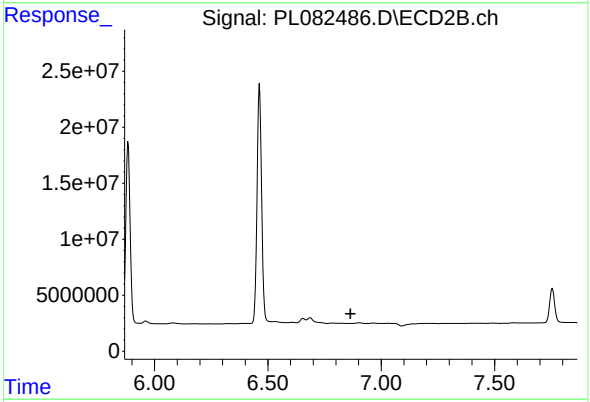
R.T.: 6.687 min
Delta R.T.: -0.006 min
Response: 813480
Conc: 0.32 ng/ml



#22 Mirex

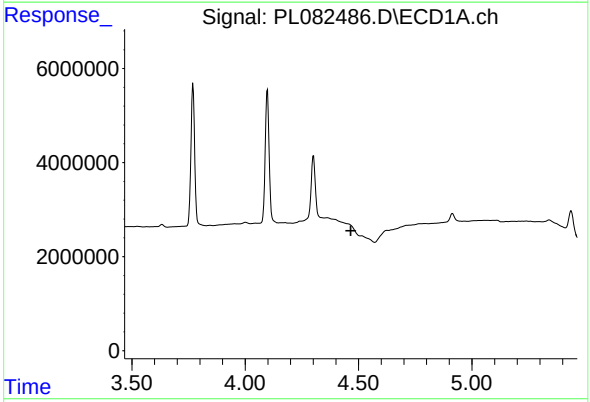
R.T.: 7.833 min
Delta R.T.: -0.021 min
Response: 174333
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :



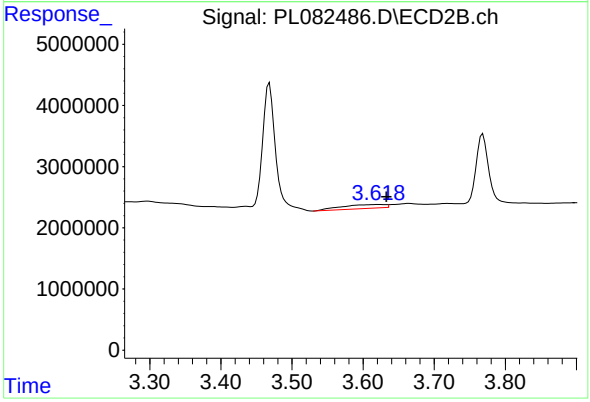
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 6.865 min
Response: 0
Conc: N.D.



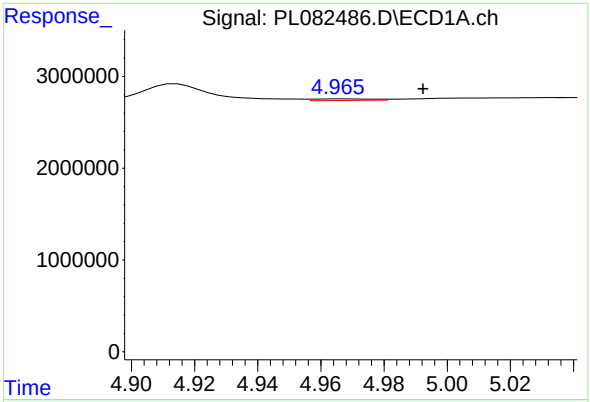
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.466 min
Response: 0
Conc: N.D.



#23 Chlordane-1

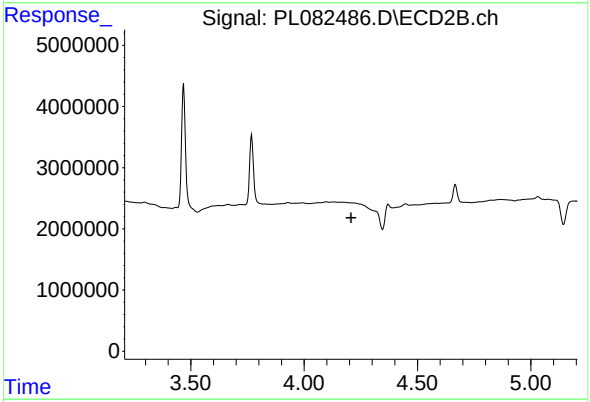
R.T.: 3.622 min
Delta R.T.: -0.010 min
Response: 2724744
Conc: 30.72 ng/ml



#24 Chlordane-2

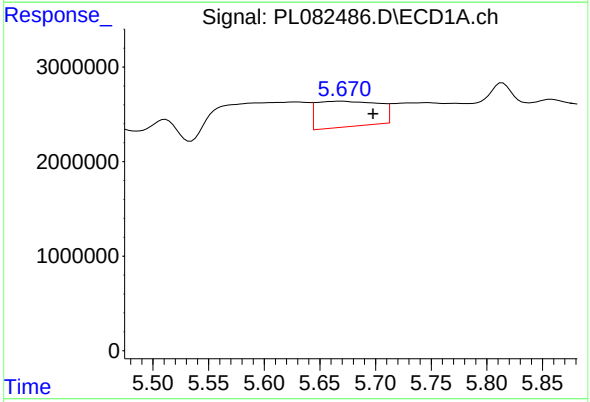
R.T.: 4.967 min
Delta R.T.: -0.025 min
Response: 225280
Conc: 1.89 ng/ml

Instrument :
ECD_L
ClientSampleId :



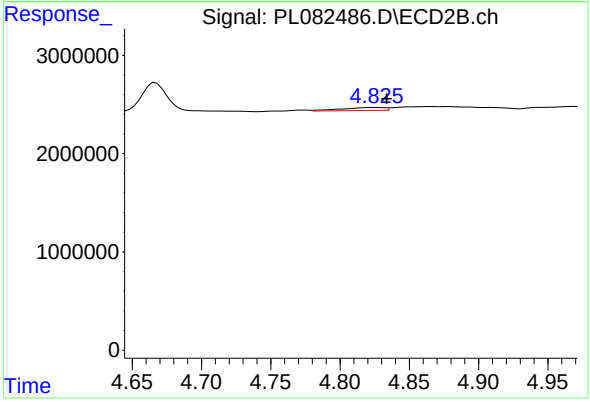
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.207 min
Response: 0
Conc: N.D.



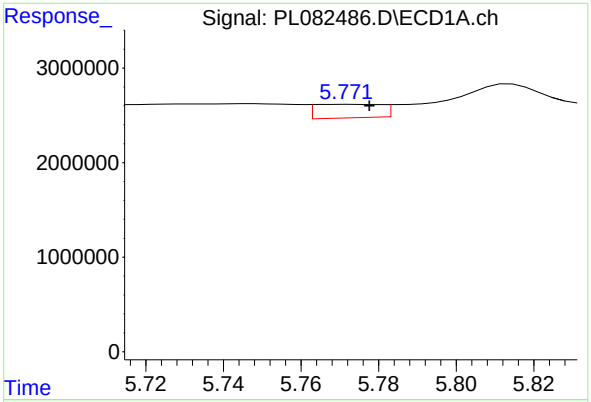
#25 Chlordane-3

R.T.: 5.671 min
Delta R.T.: -0.027 min
Response: 10468380
Conc: 24.25 ng/ml



#25 Chlordane-3

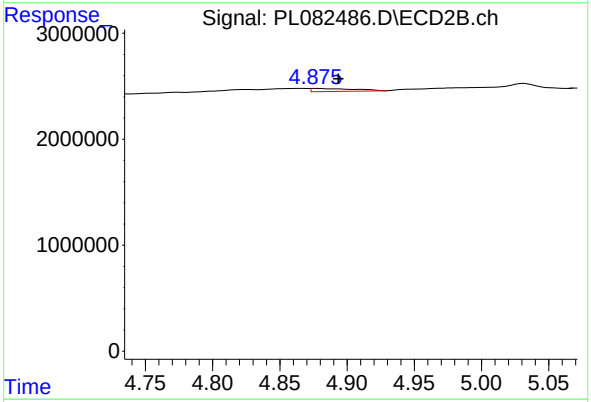
R.T.: 4.827 min
Delta R.T.: -0.007 min
Response: 647088
Conc: 2.28 ng/ml



#26 Chlordane-4

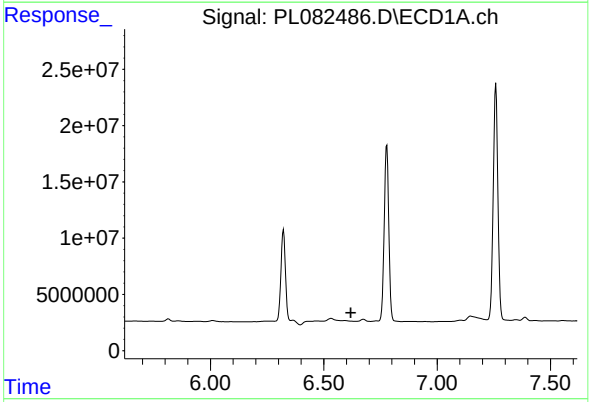
R.T.: 5.772 min
Delta R.T.: -0.006 min
Response: 1704651
Conc: 3.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



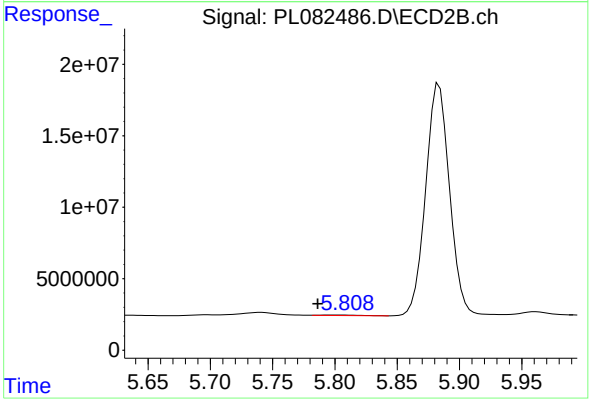
#26 Chlordane-4

R.T.: 4.877 min
Delta R.T.: -0.017 min
Response: 622459
Conc: 2.09 ng/ml



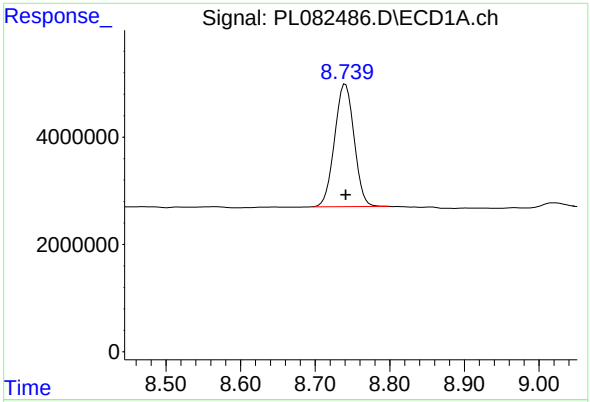
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.619 min
Response: 0
Conc: N.D.



#27 Chlordane-5

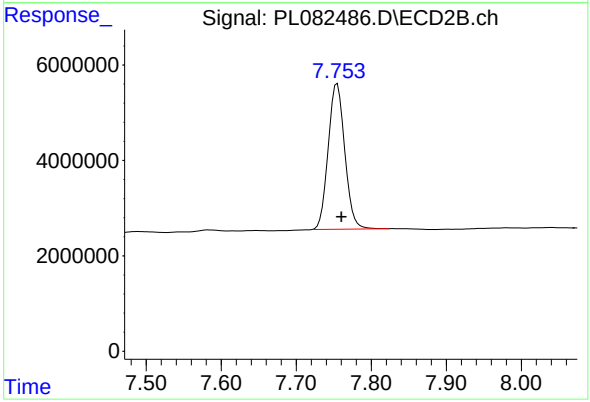
R.T.: 5.803 min
Delta R.T.: 0.016 min
Response: 638406
Conc: 6.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.741 min
Delta R.T.: 0.000 min
Response: 41595614
Conc: 21.79 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.755 min
Delta R.T.: -0.005 min
Response: 46923569
Conc: 20.56 ng/ml