Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051623\
Data File : PL082723.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 May 2023 09:22
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: May 16 21:34:00 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...	3.321	2.642	52863097	42893080	19.790	18.514	
28)	SA Decachlor...	8.740	7.750	38194425	39405139	20.007	17.264	
	Target Compounds							
2)	A alpha-BHC	3.769	3.139	36145800	27711578	9.081	8.142	
3)	MA gamma-BHC...	4.098	3.465	35435716	26218420	9.477	8.154	
4)	MA Heptachlor	4.682	0.000	346799	0	0.095	N.D.	#
5)	MB Aldrin	0.000	4.093	0	567938	N.D.	0.180	#
6)	B beta-BHC	4.302	3.766	18056774	13010101	10.587	9.535	
7)	B delta-BHC	0.000	3.991	0	107116	N.D.	0.035	#
8)	B Heptachlo...	5.439	0.000	647035	0	0.212	N.D.	#
9)	A Endosulfan I	5.820	4.944	156017	184990	0.056	0.069	
10)	B gamma-Chl...	5.672f	4.832	3098022	1146601	1.030	0.395	#
11)	B alpha-Chl...	5.755f	4.890	498363	78807	0.167	0.027	#
12)	B 4,4'-DDE	5.948	5.078	271084	73291	0.107	0.032	#
13)	MA Dieldrin	0.000	5.201	0	74046	N.D.	0.027	#
14)	MA Endrin	6.322	5.480	108.9E6	94652879	44.923	38.698	
15)	B Endosulfa...	6.535	5.794	1839646	320016	0.756	0.142	#
16)	A 4,4'-DDD	6.466	5.631	3701386	2942152	1.826	1.573	
17)	MA 4,4'-DDT	6.778	5.880	210.8E6	189.3E6	92.129	89.593	
18)	B Endrin al...	6.674	5.957	2645488	4073053	1.404	2.176	#
19)	B Endosulfa...	6.887f	6.176	268347	348209	0.113	0.148	#
20)	A Methoxychlor	7.258	6.459	273.6E6	237.5E6	224.182	195.946	
21)	B Endrin ke...	7.388	6.683	4731335	5185589	1.976	2.043	
22)	Mirex	0.000	6.853	0	33518	N.D.	0.015	#
23)	Chlordane-1	0.000	3.605f	0	84683	N.D.	0.955	#
24)	Chlordane-2	0.000	4.214	0	468336	N.D.	4.176	#
25)	Chlordane-3	5.723f	4.832	226457	1146601	0.525	4.036	#
26)	Chlordane-4	5.795f	4.890	279420	78807	0.537	0.264	#
27)	Chlordane-5	0.000	5.794	0	320016	N.D.	3.242	#

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

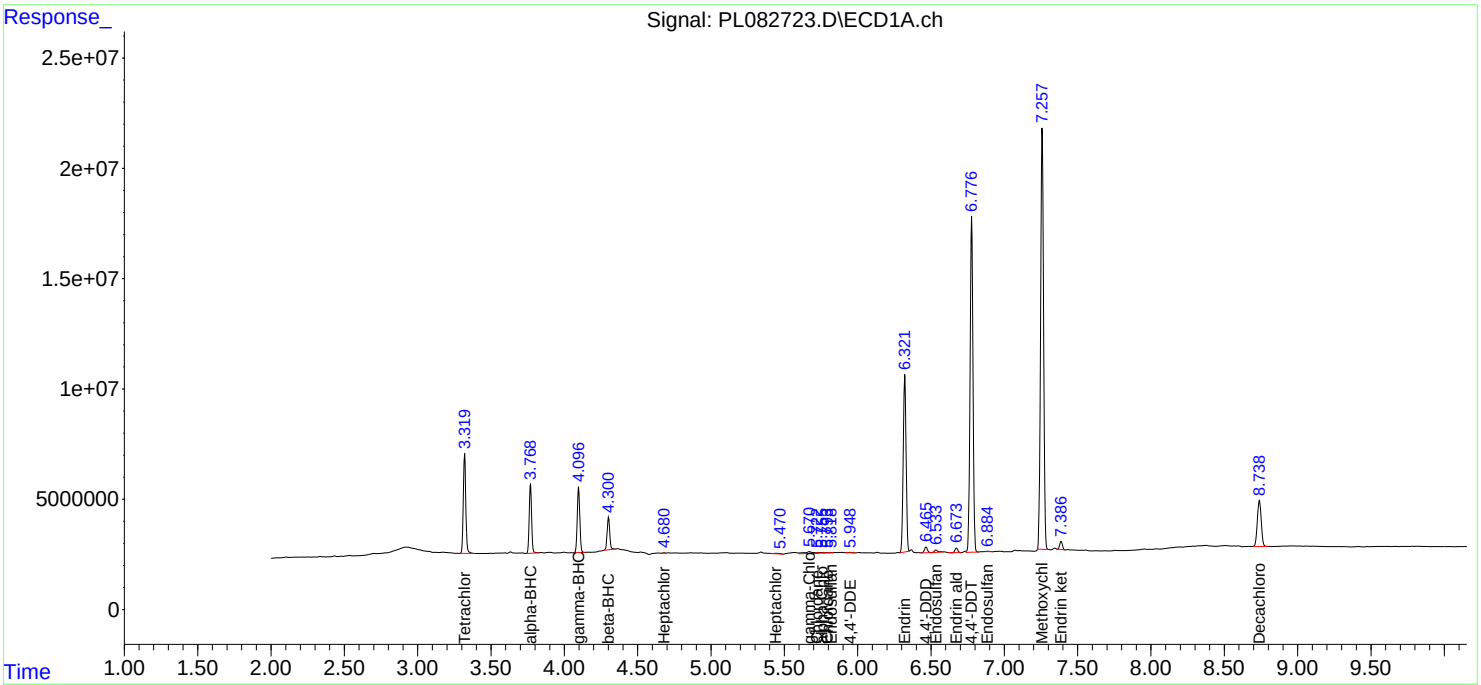
Quantitation Report (Not Reviewed)

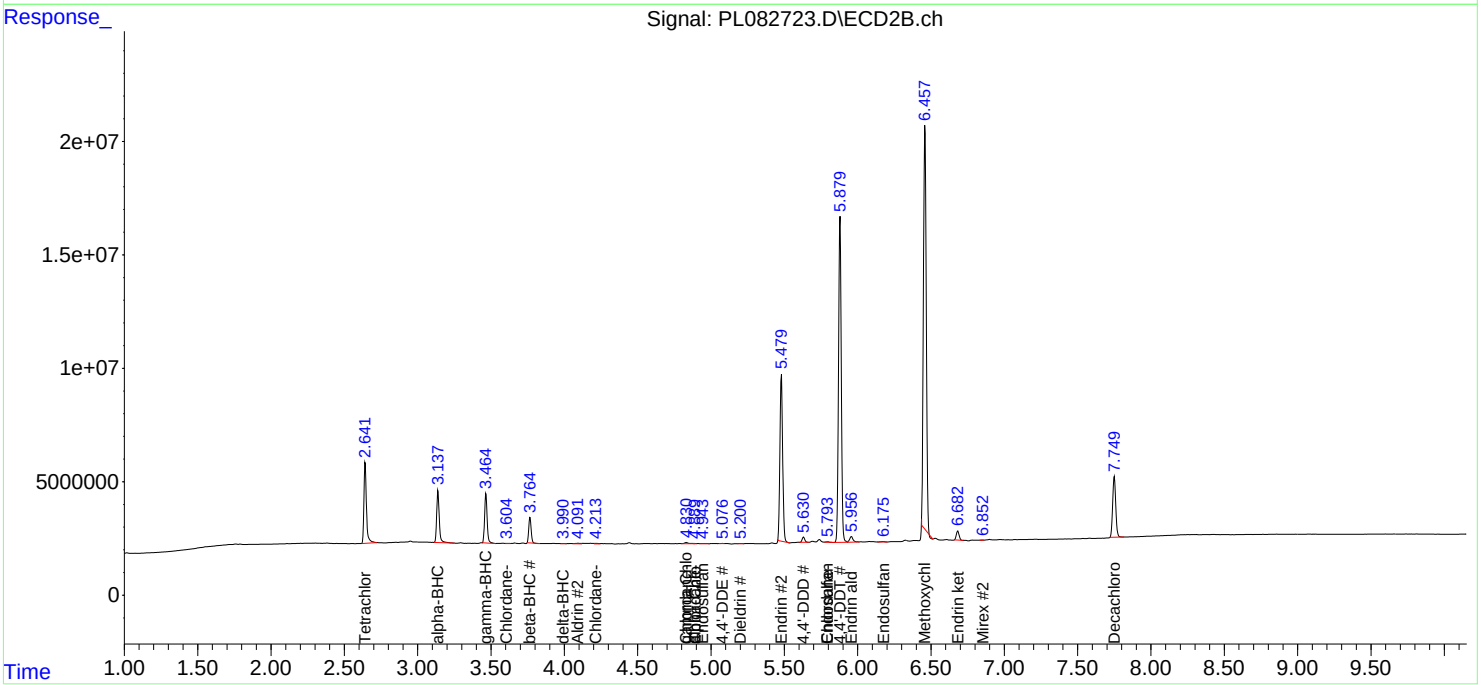
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051623\
Data File : PL082723.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 May 2023 09:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

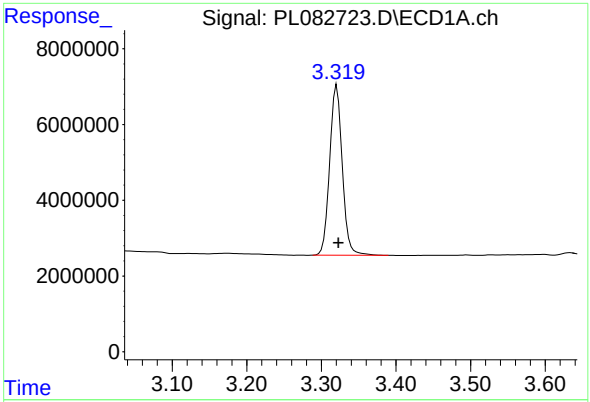
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 21:34:00 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



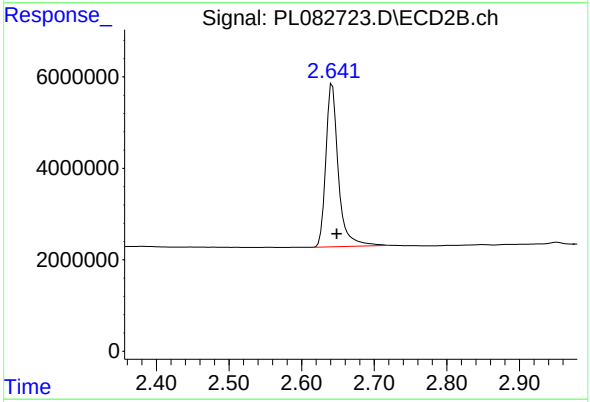




#1 Tetrachloro-m-xylene

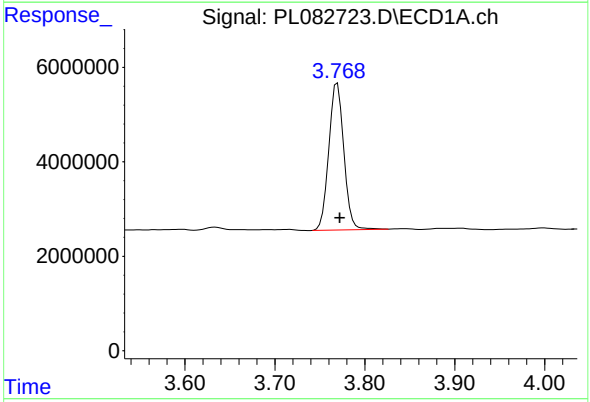
R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 52863097
Conc: 19.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



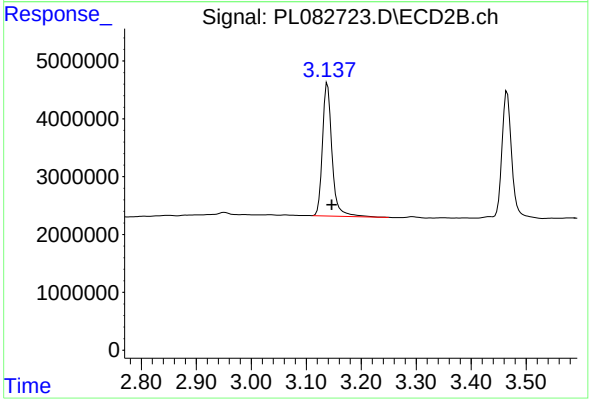
#1 Tetrachloro-m-xylene

R.T.: 2.642 min
Delta R.T.: -0.006 min
Response: 42893080
Conc: 18.51 ng/ml



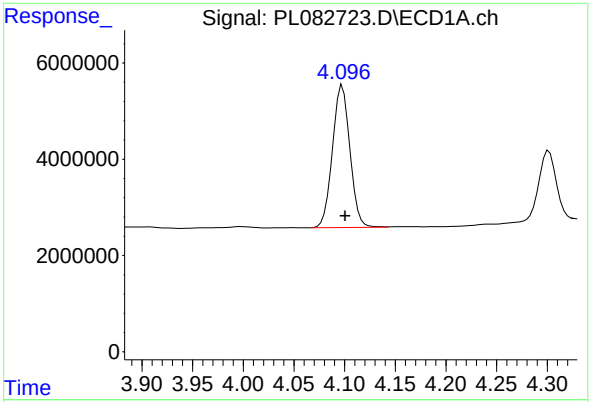
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.003 min
Response: 36145800
Conc: 9.08 ng/ml



#2 alpha-BHC

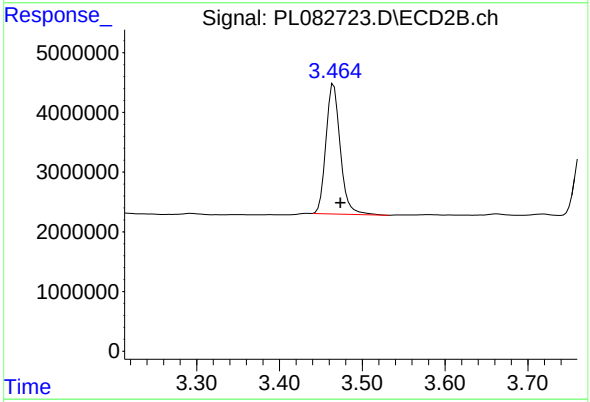
R.T.: 3.139 min
Delta R.T.: -0.008 min
Response: 27711578
Conc: 8.14 ng/ml



#3 gamma-BHC (Lindane)

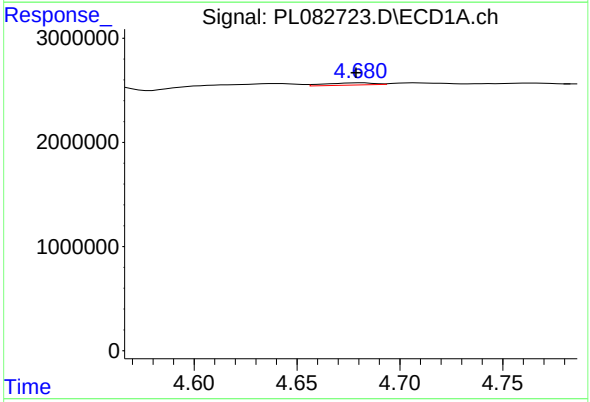
R.T.: 4.098 min
Delta R.T.: -0.002 min
Response: 35435716
Conc: 9.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



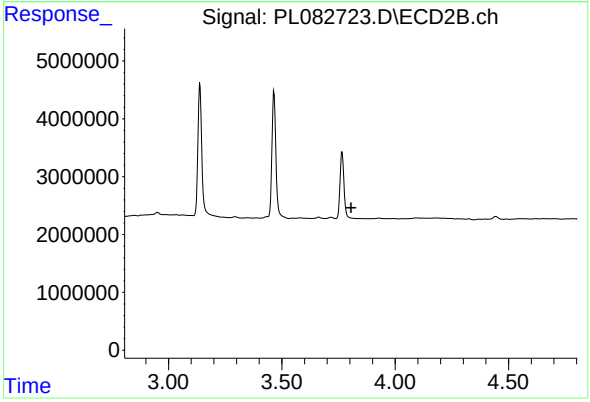
#3 gamma-BHC (Lindane)

R.T.: 3.465 min
Delta R.T.: -0.008 min
Response: 26218420
Conc: 8.15 ng/ml



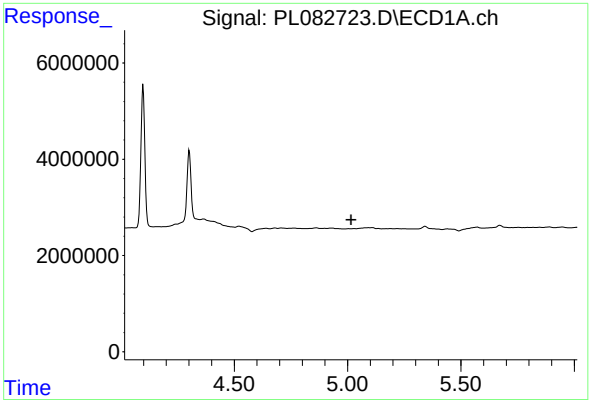
#4 Heptachlor

R.T.: 4.682 min
Delta R.T.: 0.003 min
Response: 346799
Conc: 0.09 ng/ml



#4 Heptachlor

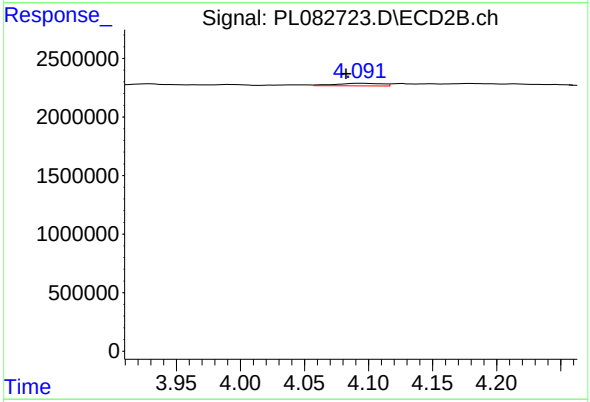
R.T.: 0.000 min
Exp R.T. : 3.806 min
Response: 0
Conc: N.D.



#5 Aldrin

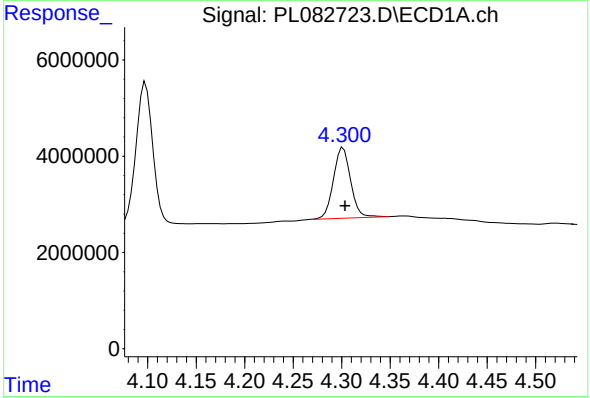
R.T.: 0.000 min
Exp R.T. : 5.016 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



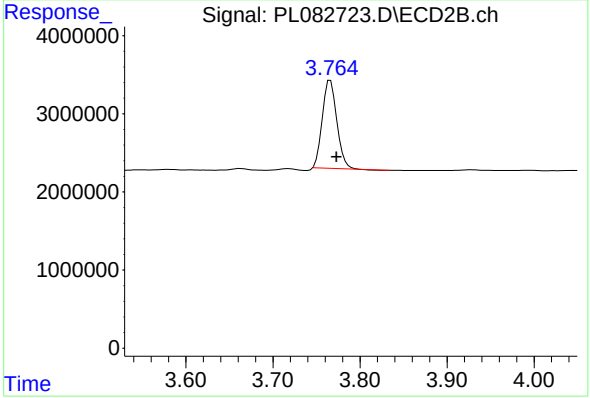
#5 Aldrin

R.T.: 4.093 min
Delta R.T.: 0.011 min
Response: 567938
Conc: 0.18 ng/ml



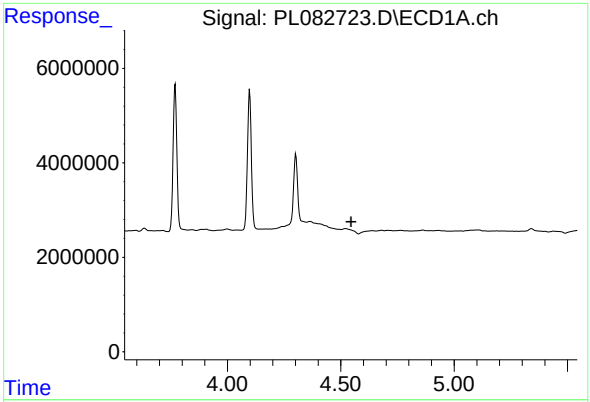
#6 beta-BHC

R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 18056774
Conc: 10.59 ng/ml



#6 beta-BHC

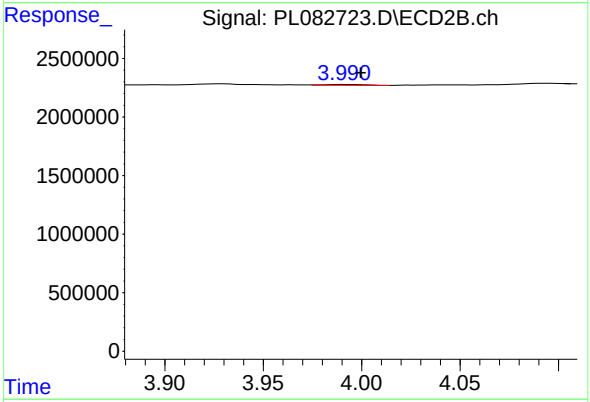
R.T.: 3.766 min
Delta R.T.: -0.007 min
Response: 13010101
Conc: 9.54 ng/ml



#7 delta-BHC

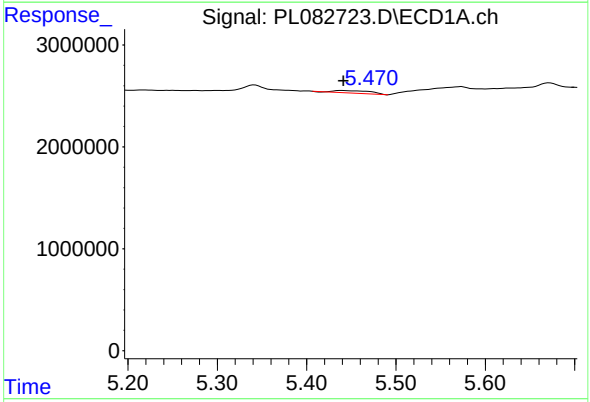
R.T.: 0.000 min
Exp R.T. : 4.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



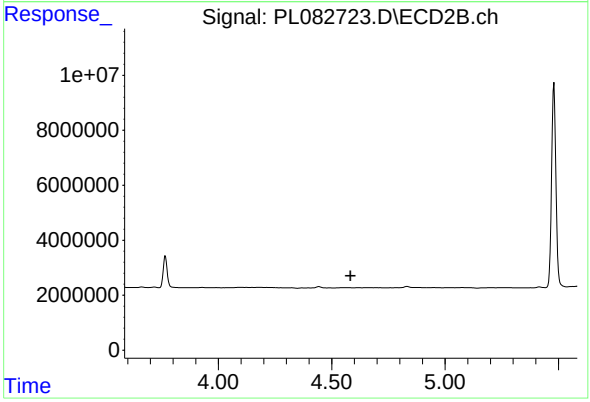
#7 delta-BHC

R.T.: 3.991 min
Delta R.T.: -0.008 min
Response: 107116
Conc: 0.03 ng/ml



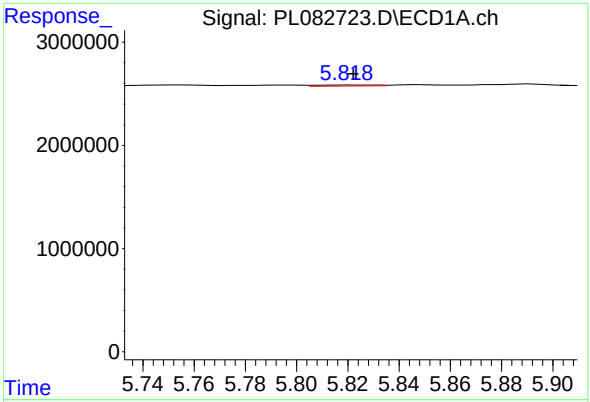
#8 Heptachlor epoxide

R.T.: 5.439 min
Delta R.T.: -0.002 min
Response: 647035
Conc: 0.21 ng/ml



#8 Heptachlor epoxide

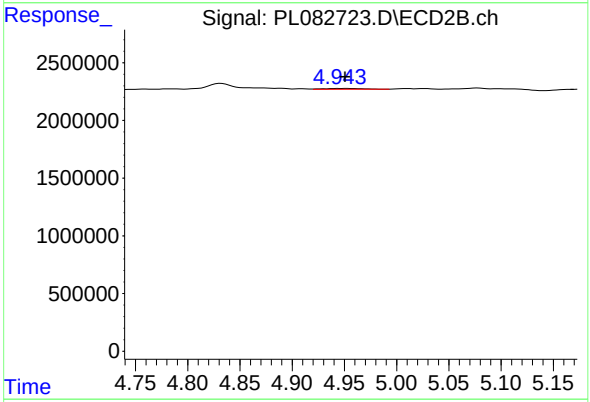
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#9 Endosulfan I

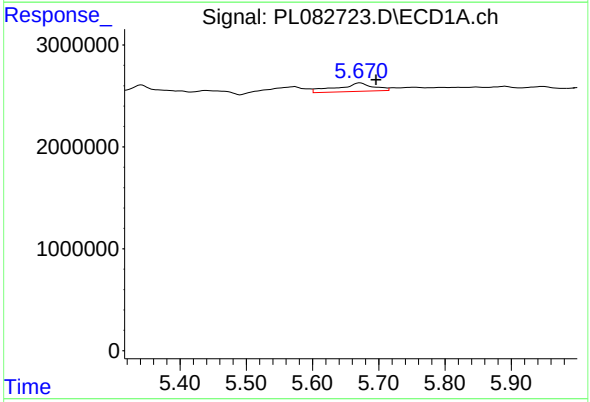
R.T.: 5.820 min
Delta R.T.: -0.002 min
Response: 156017
Conc: 0.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



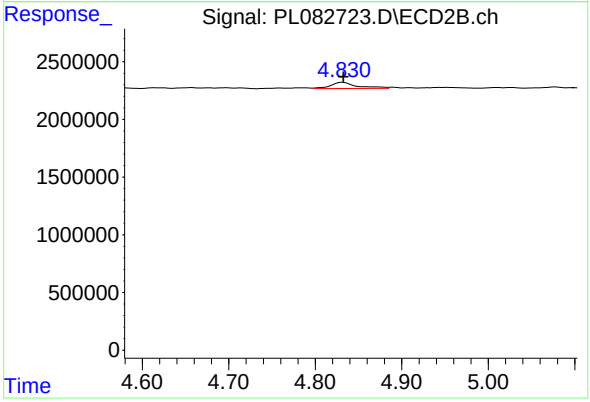
#9 Endosulfan I

R.T.: 4.944 min
Delta R.T.: -0.007 min
Response: 184990
Conc: 0.07 ng/ml



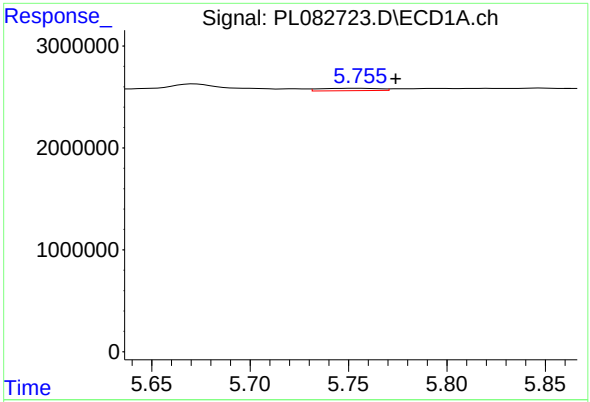
#10 gamma-Chlordane

R.T.: 5.672 min
Delta R.T.: -0.025 min
Response: 3098022
Conc: 1.03 ng/ml



#10 gamma-Chlordane

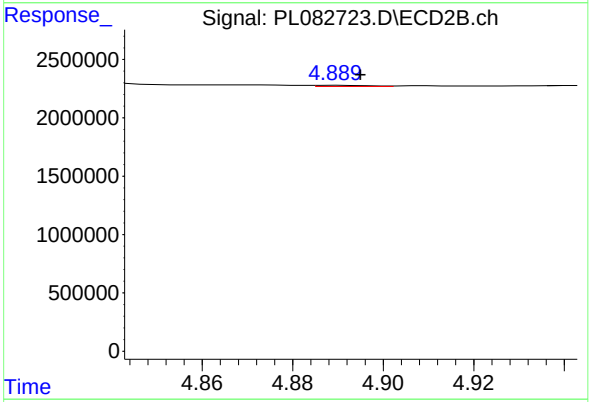
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 1146601
Conc: 0.40 ng/ml



#11 alpha-Chlordane

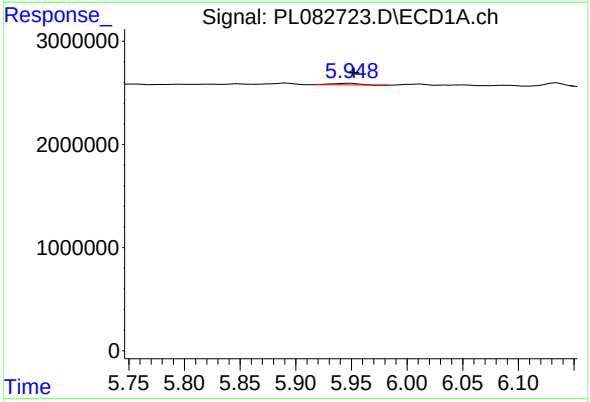
R.T.: 5.755 min
Delta R.T.: -0.019 min
Response: 498363
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



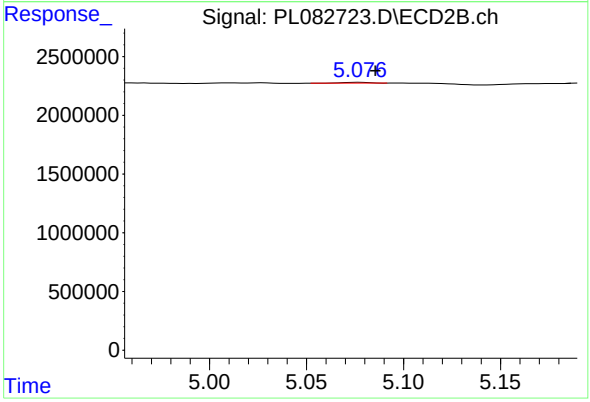
#11 alpha-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.005 min
Response: 78807
Conc: 0.03 ng/ml



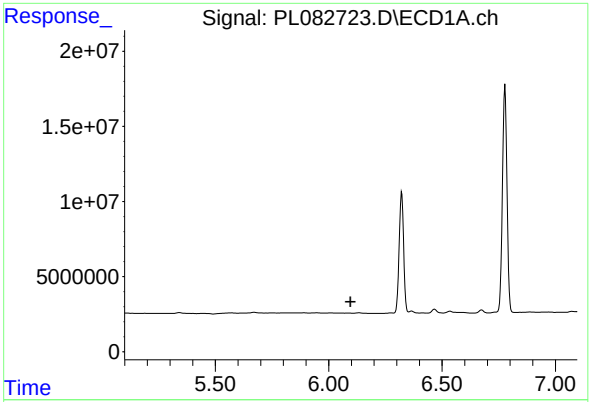
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 271084
Conc: 0.11 ng/ml



#12 4,4'-DDE

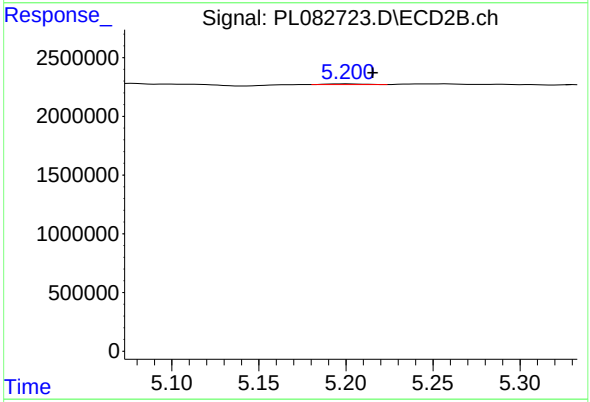
R.T.: 5.078 min
Delta R.T.: -0.008 min
Response: 73291
Conc: 0.03 ng/ml



#13 Dieldrin

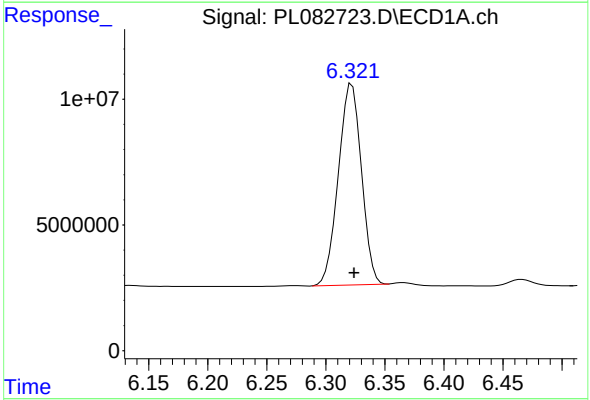
R.T.: 0.000 min
Exp R.T. : 6.097 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



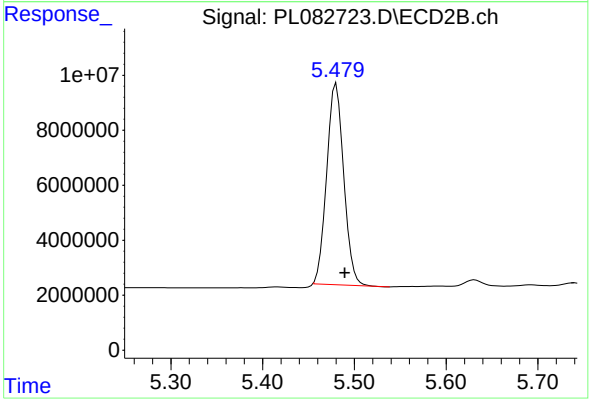
#13 Dieldrin

R.T.: 5.201 min
Delta R.T.: -0.015 min
Response: 74046
Conc: 0.03 ng/ml



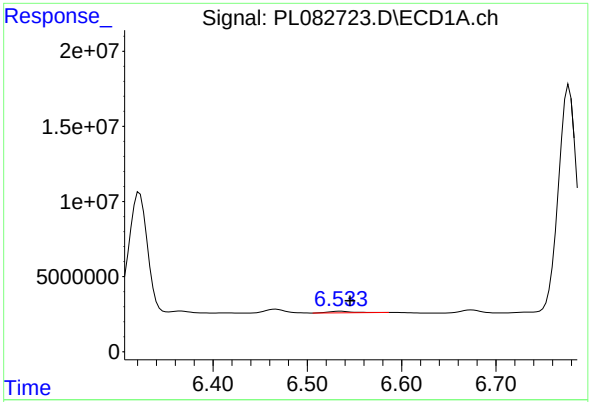
#14 Endrin

R.T.: 6.322 min
Delta R.T.: -0.002 min
Response: 108918675
Conc: 44.92 ng/ml



#14 Endrin

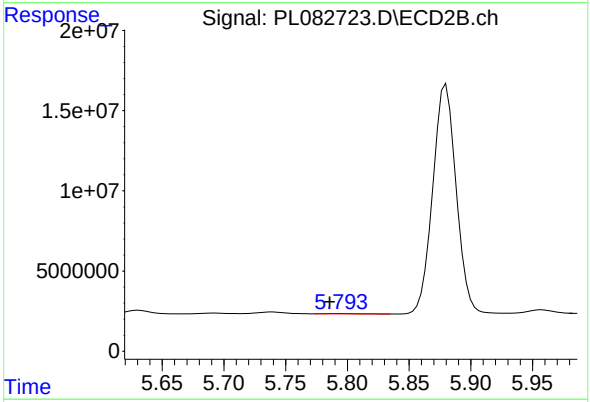
R.T.: 5.480 min
Delta R.T.: -0.009 min
Response: 94652879
Conc: 38.70 ng/ml



#15 Endosulfan II

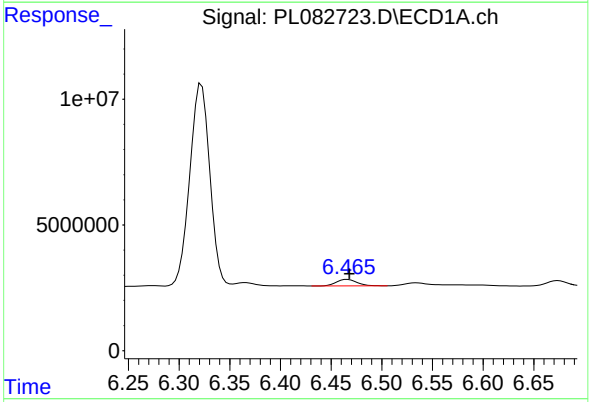
R.T.: 6.535 min
Delta R.T.: -0.011 min
Response: 1839646
Conc: 0.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



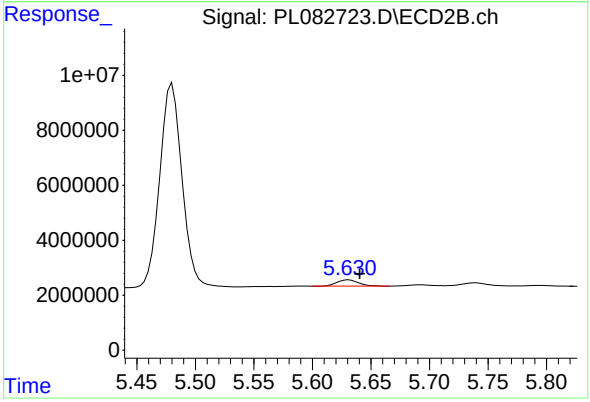
#15 Endosulfan II

R.T.: 5.794 min
Delta R.T.: 0.009 min
Response: 320016
Conc: 0.14 ng/ml



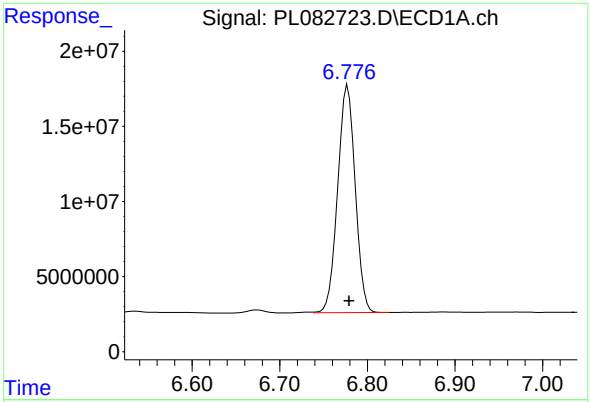
#16 4,4'-DDD

R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 3701386
Conc: 1.83 ng/ml



#16 4,4'-DDD

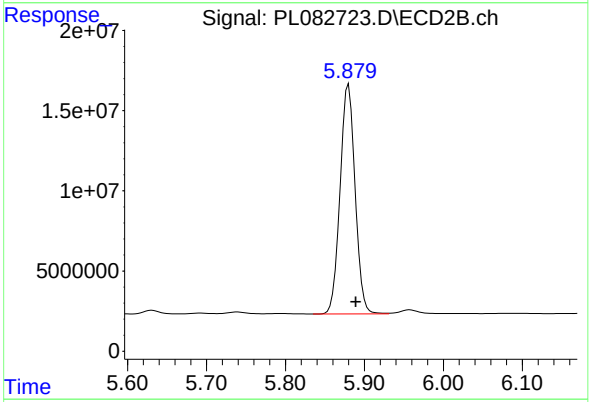
R.T.: 5.631 min
Delta R.T.: -0.009 min
Response: 2942152
Conc: 1.57 ng/ml



#17 4,4'-DDT

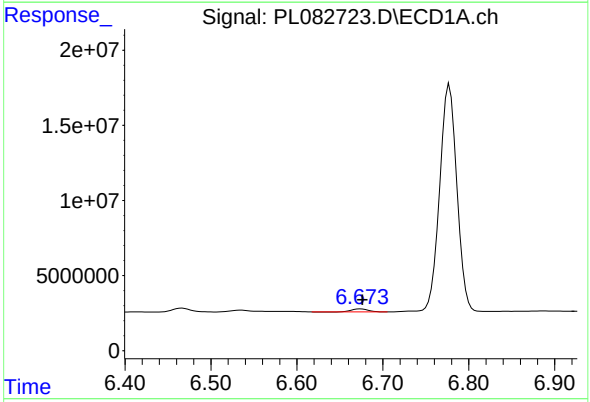
R.T.: 6.778 min
Delta R.T.: -0.001 min
Response: 210765707
Conc: 92.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



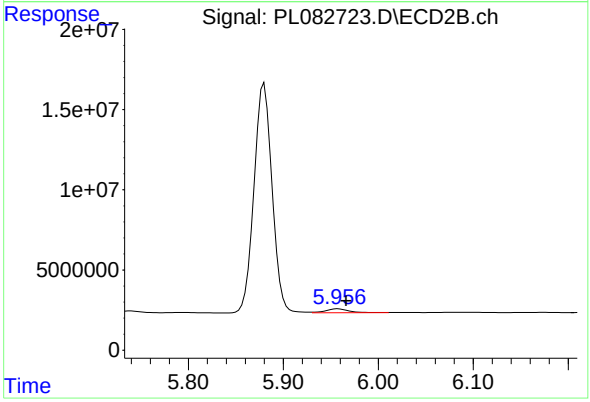
#17 4,4'-DDT

R.T.: 5.880 min
Delta R.T.: -0.009 min
Response: 189273198
Conc: 89.59 ng/ml



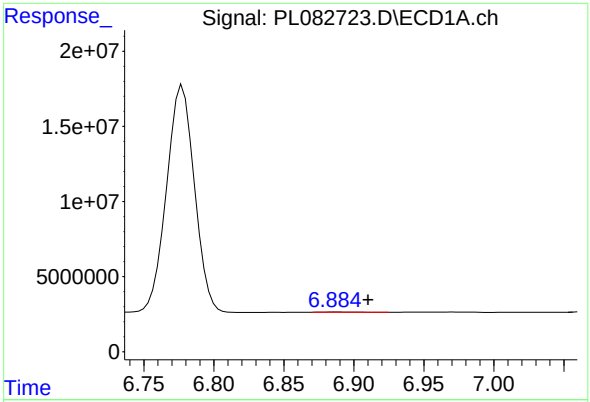
#18 Endrin aldehyde

R.T.: 6.674 min
Delta R.T.: -0.002 min
Response: 2645488
Conc: 1.40 ng/ml



#18 Endrin aldehyde

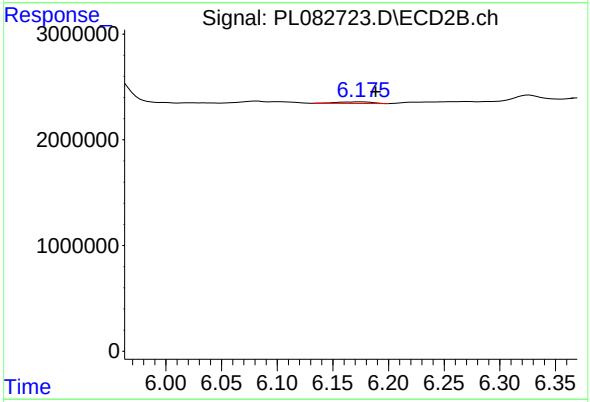
R.T.: 5.957 min
Delta R.T.: -0.009 min
Response: 4073053
Conc: 2.18 ng/ml



#19 Endosulfan Sulfate

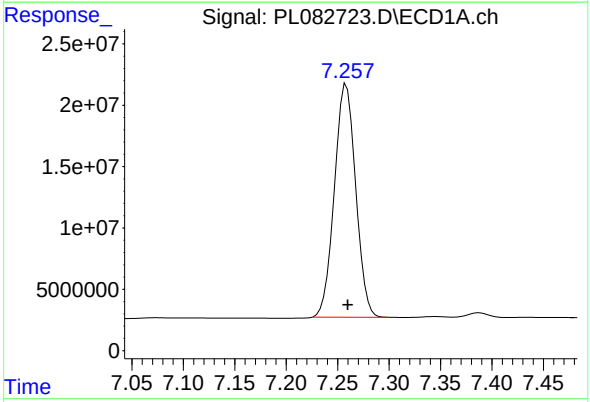
R.T.: 6.887 min
Delta R.T.: -0.024 min
Response: 268347
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



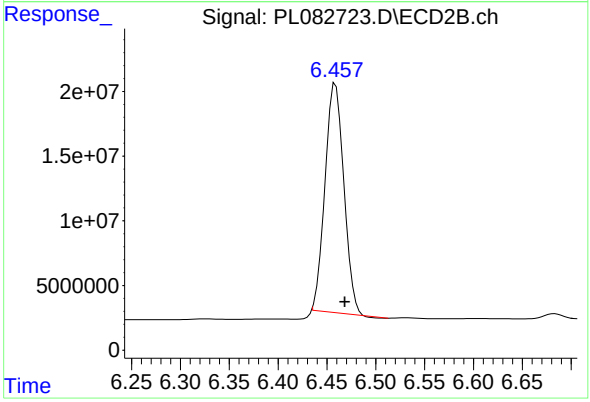
#19 Endosulfan Sulfate

R.T.: 6.176 min
Delta R.T.: -0.013 min
Response: 348209
Conc: 0.15 ng/ml



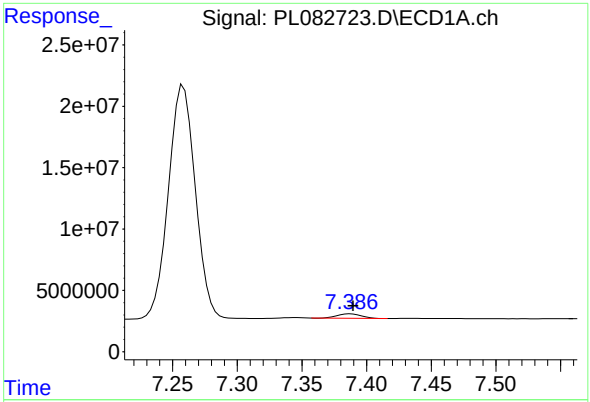
#20 Methoxychlor

R.T.: 7.258 min
Delta R.T.: -0.001 min
Response: 273576039
Conc: 224.18 ng/ml



#20 Methoxychlor

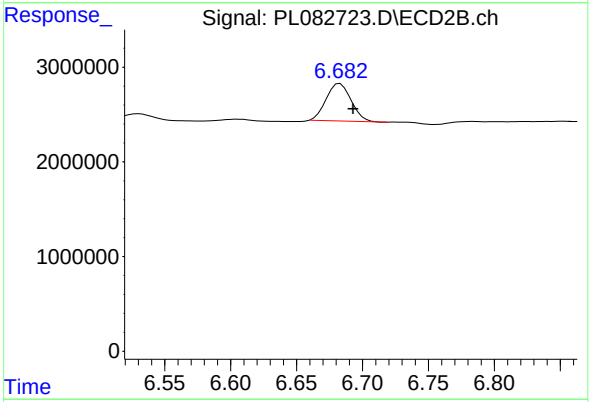
R.T.: 6.459 min
Delta R.T.: -0.009 min
Response: 237454427
Conc: 195.95 ng/ml



#21 Endrin ketone

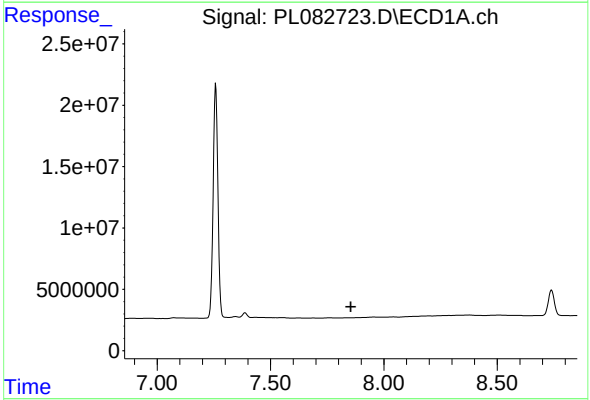
R.T.: 7.388 min
Delta R.T.: -0.002 min
Response: 4731335
Conc: 1.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



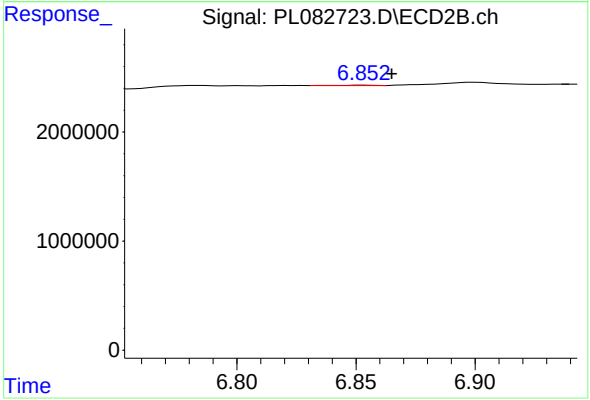
#21 Endrin ketone

R.T.: 6.683 min
Delta R.T.: -0.010 min
Response: 5185589
Conc: 2.04 ng/ml



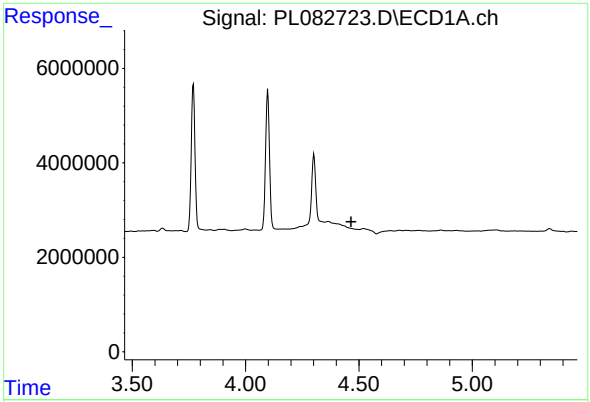
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.854 min
Response: 0
Conc: N.D.



#22 Mirex

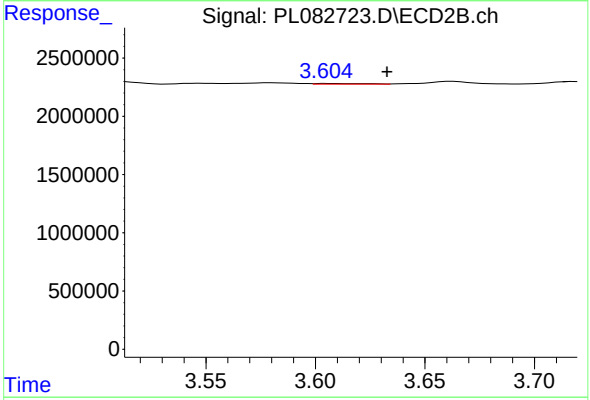
R.T.: 6.853 min
Delta R.T.: -0.012 min
Response: 33518
Conc: 0.01 ng/ml



#23 Chlordane-1

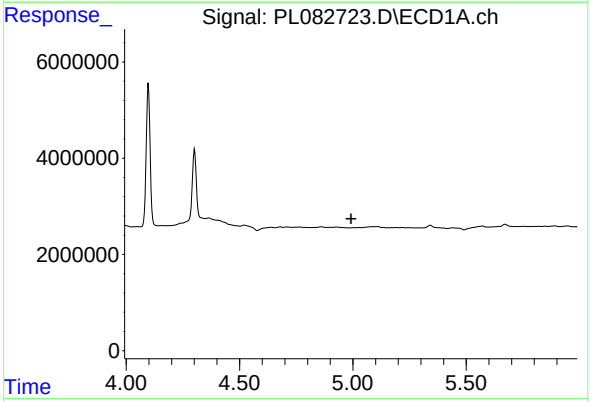
R.T.: 0.000 min
Exp R.T. : 4.466 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



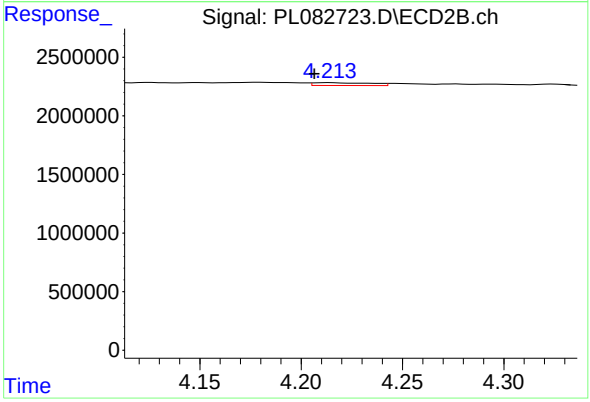
#23 Chlordane-1

R.T.: 3.605 min
Delta R.T.: -0.028 min
Response: 84683
Conc: 0.95 ng/ml



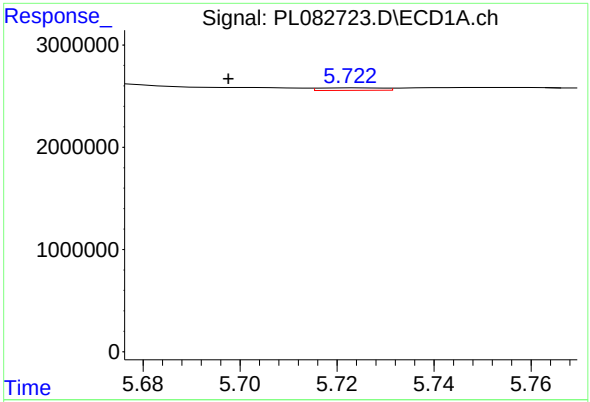
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.992 min
Response: 0
Conc: N.D.



#24 Chlordane-2

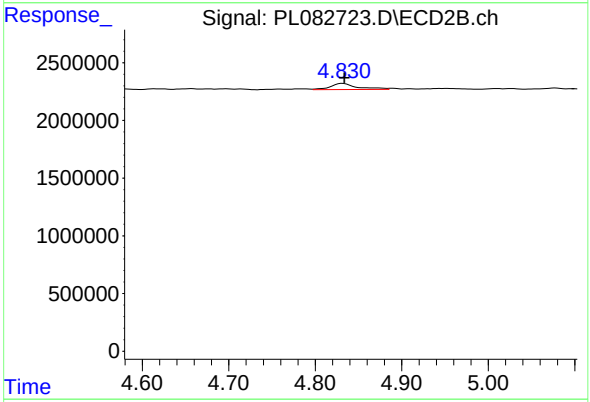
R.T.: 4.214 min
Delta R.T.: 0.007 min
Response: 468336
Conc: 4.18 ng/ml



#25 Chlordane-3

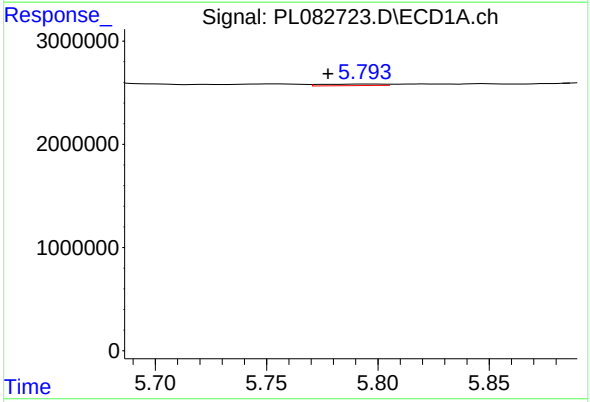
R.T.: 5.723 min
Delta R.T.: 0.026 min
Response: 226457
Conc: 0.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



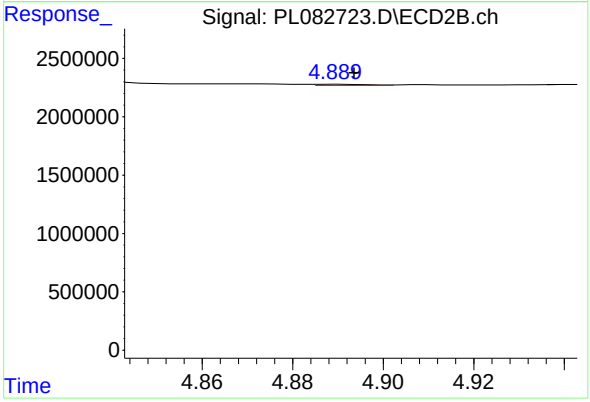
#25 Chlordane-3

R.T.: 4.832 min
Delta R.T.: -0.002 min
Response: 1146601
Conc: 4.04 ng/ml



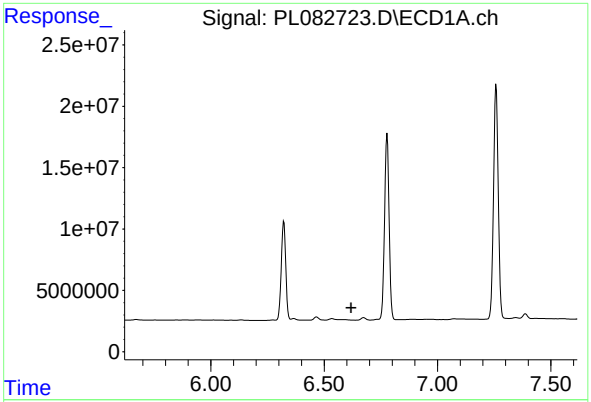
#26 Chlordane-4

R.T.: 5.795 min
Delta R.T.: 0.017 min
Response: 279420
Conc: 0.54 ng/ml



#26 Chlordane-4

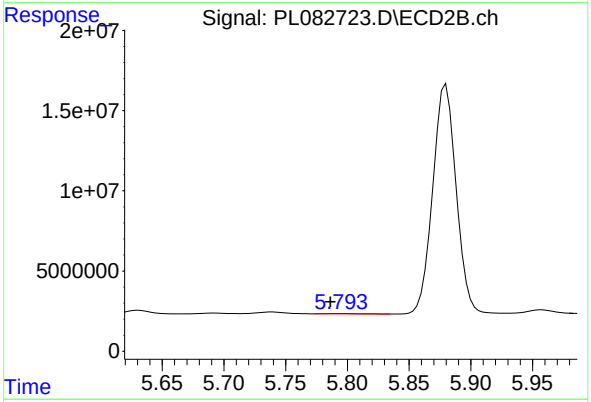
R.T.: 4.890 min
Delta R.T.: -0.004 min
Response: 78807
Conc: 0.26 ng/ml



#27 Chlordane-5

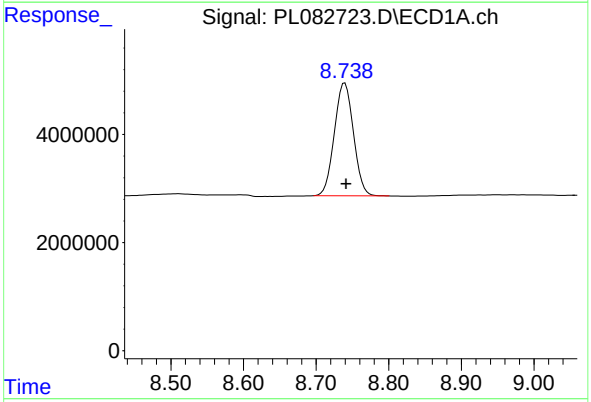
R.T.: 0.000 min
Exp R.T. : 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



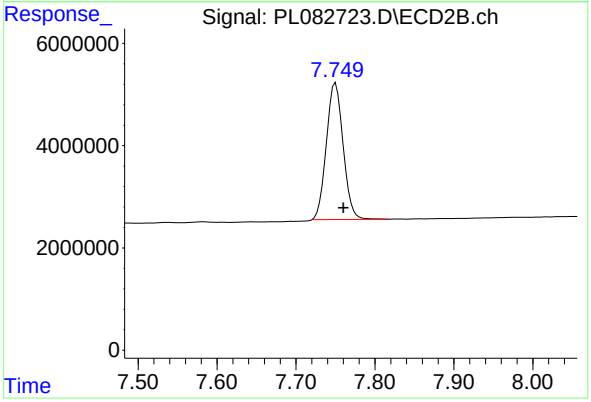
#27 Chlordane-5

R.T.: 5.794 min
Delta R.T.: 0.008 min
Response: 320016
Conc: 3.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.740 min
Delta R.T.: -0.001 min
Response: 38194425
Conc: 20.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.750 min
Delta R.T.: -0.010 min
Response: 39405139
Conc: 17.26 ng/ml