Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050720\
Data File : PL058559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2020 12:29
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 08 00:43:55 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	229.8E6	45468502	21.592	21.036	
28)	SA Decachlor...	8.201	8.974	213.0E6	43070451	19.698	19.411	
	Target Compounds							
2)	A alpha-BHC	3.891	4.341	184.3E6	31391640	10.062	9.479	
3)	MA gamma-BHC...	4.174	4.623	167.7E6	31297490	9.714	9.460	
4)	MA Heptachlor	4.486	5.134	1238446	244589	0.070	0.071	
5)	MB Aldrin	4.719	0.000	944065	0	0.057	N.D.	#
6)	B beta-BHC	4.427	4.798	82098934	14891234	11.488	10.220	
7)	B delta-BHC	4.642	0.000	354357	0	0.021	N.D.	#
8)	B Heptachlo...	5.189f	5.811	6097850	447121	0.401	0.140	#
9)	A Endosulfan I	5.495	0.000	1890060	0	0.134	N.D.	#
10)	B gamma-Chl...	5.373f	6.050	2940092	211107	0.191	0.063	#
11)	B alpha-Chl...	5.435	0.000	1413890	0	0.093	N.D.	#
12)	B 4,4'-DDE	5.615	6.274	6008492	729690	0.397	0.239	#
13)	MA Dieldrin	5.761f	0.000	108447	0	0.007	N.D.	#
14)	MA Endrin	6.004	6.637	649.4E6	119.8E6	47.769	46.612	
15)	B Endosulfa...	6.269	6.864f	1456178	1508528	0.115	0.566	#
16)	A 4,4'-DDD	6.130	6.764	24865117	4784774	2.120	2.105	
17)	MA 4,4'-DDT	6.369	7.061	1147.3E6	203.9E6	98.321	93.099	
18)	B Endrin al...	6.442	6.971	5592148	1373930	0.527	0.630	
19)	B Endosulfa...	6.632f	0.000	3601103	0	0.310	N.D.	#
20)	A Methoxychlor	6.914	7.521	1374.2E6	263.2E6	231.282	212.329	
21)	B Endrin ke...	7.147	7.662	21072158	3827031	1.778	1.570	
24)	Chlordane-2	4.803f	0.000	790297	0	1.903	N.D.	#
25)	Chlordane-3	5.373f	6.050	2940092	211107	2.238	0.528	#
26)	Chlordane-4	5.435	0.000	1413890	0	1.288	N.D.	#
27)	Chlordane-5	6.269	0.000	1456178	0	3.580	N.D.	#

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

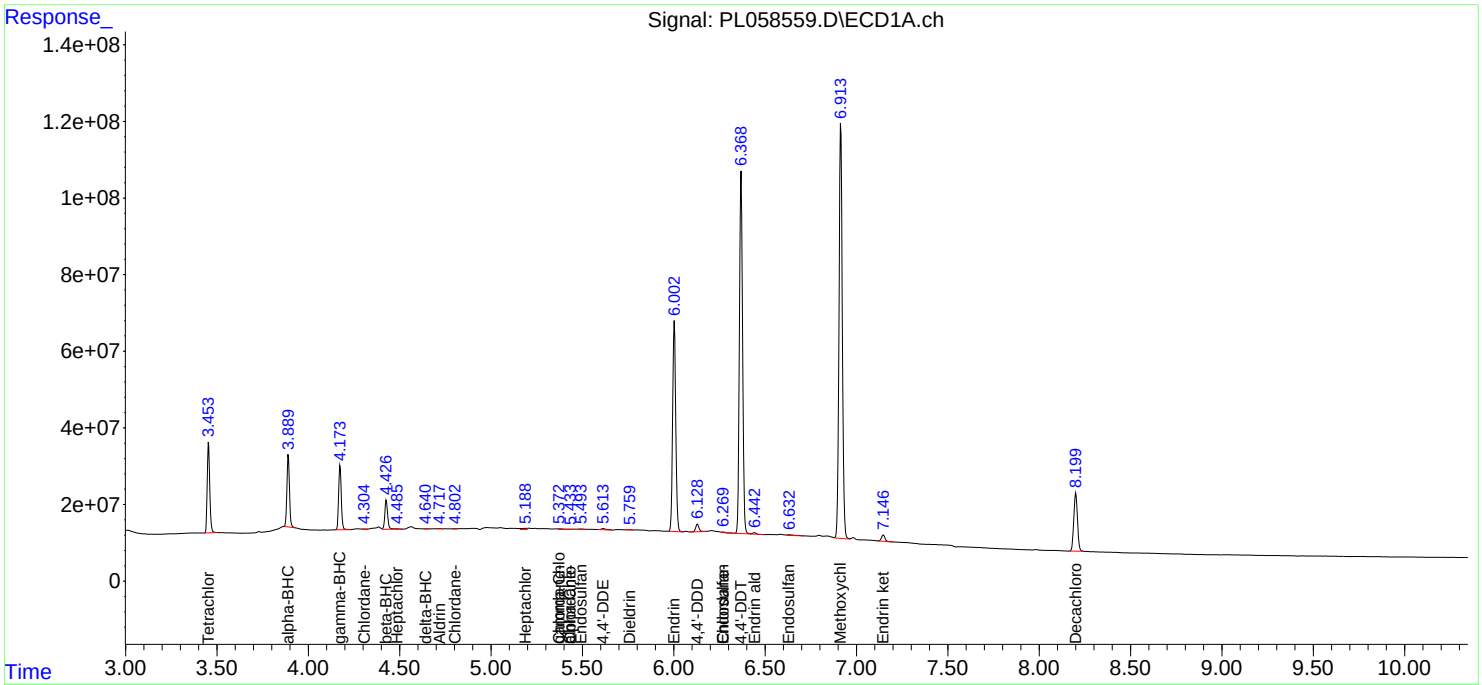
Quantitation Report (Not Reviewed)

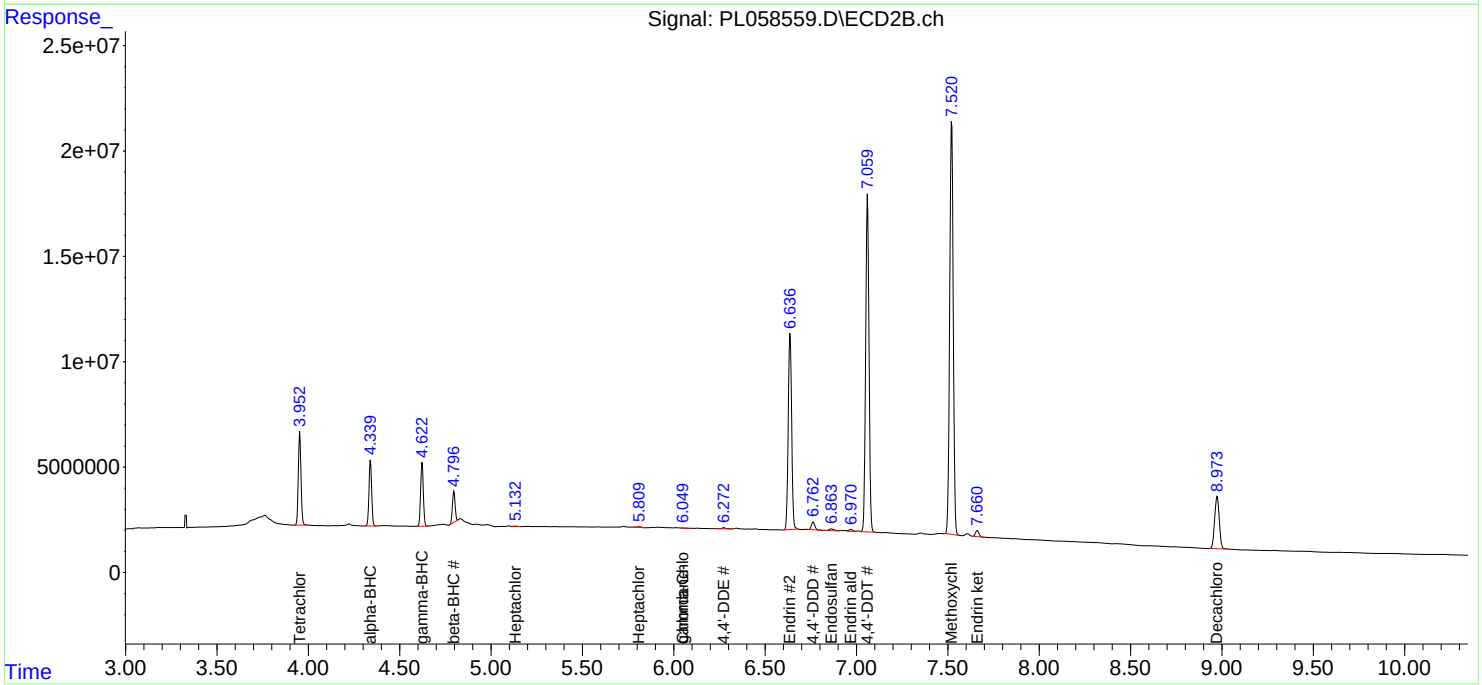
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050720\
Data File : PL058559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2020 12:29
Operator : AJ\MA
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

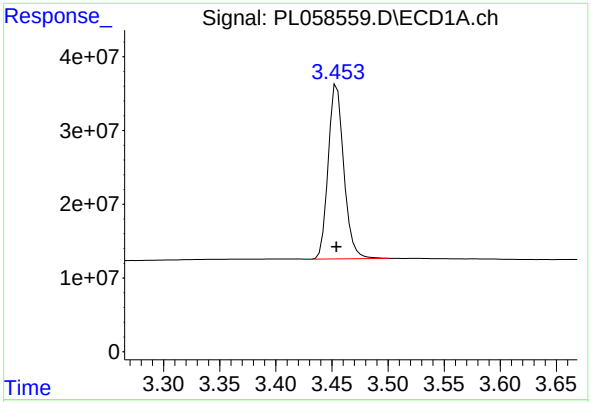
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 00:43:55 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



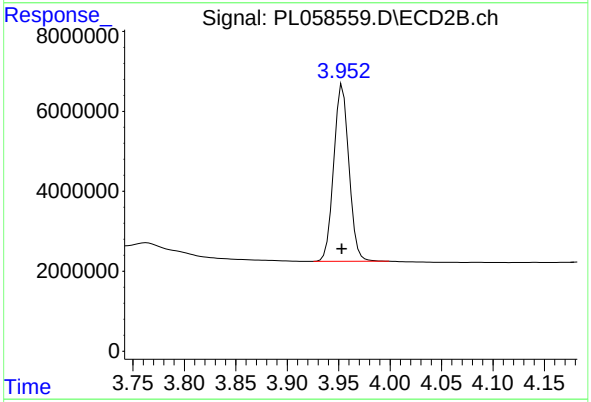




#1 Tetrachloro-m-xylene

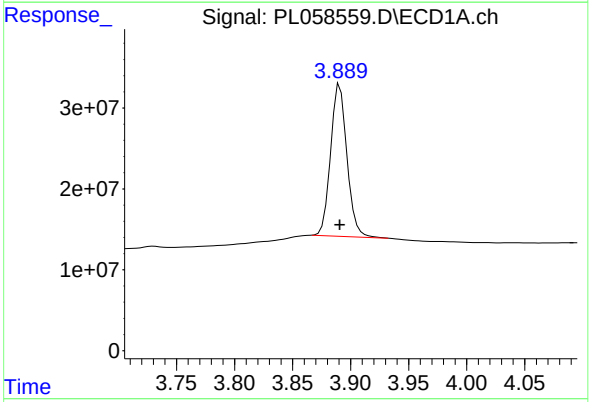
R.T.: 3.455 min
Delta R.T.: 0.000 min
Response: 229787992
Conc: 21.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



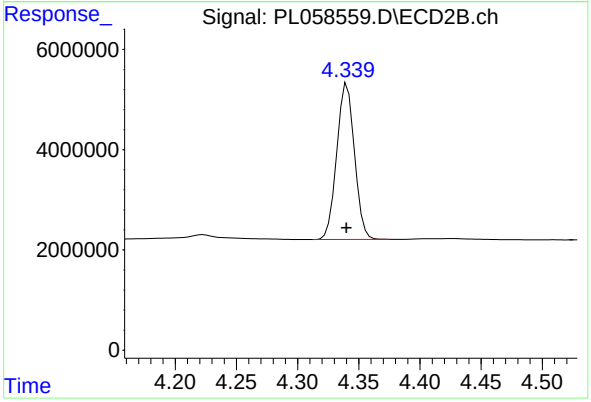
#1 Tetrachloro-m-xylene

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 45468502
Conc: 21.04 ng/ml



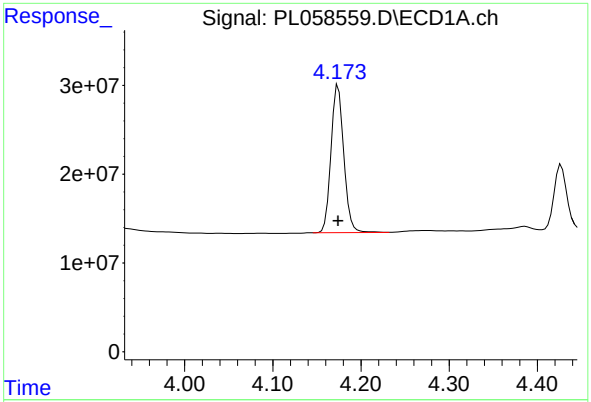
#2 alpha-BHC

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 184275125
Conc: 10.06 ng/ml



#2 alpha-BHC

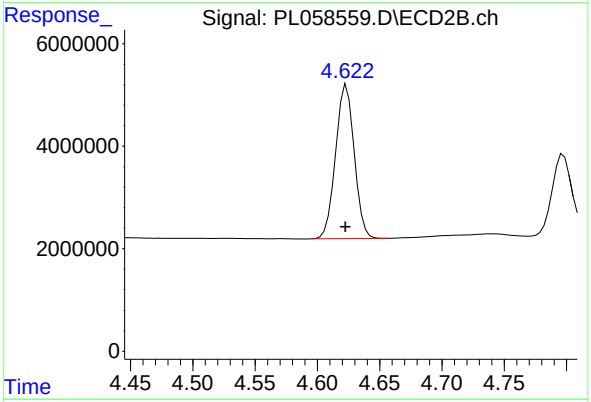
R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 31391640
Conc: 9.48 ng/ml



#3 gamma-BHC (Lindane)

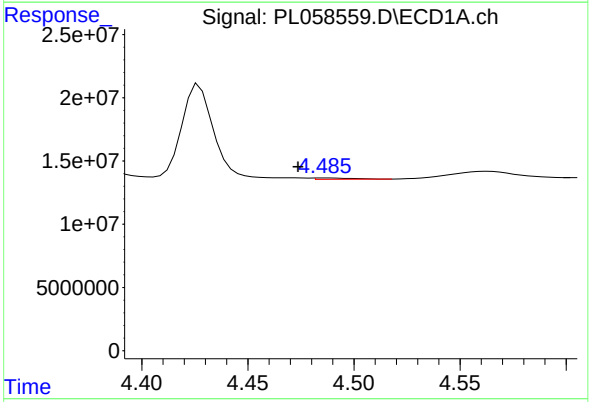
R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 167689299
Conc: 9.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



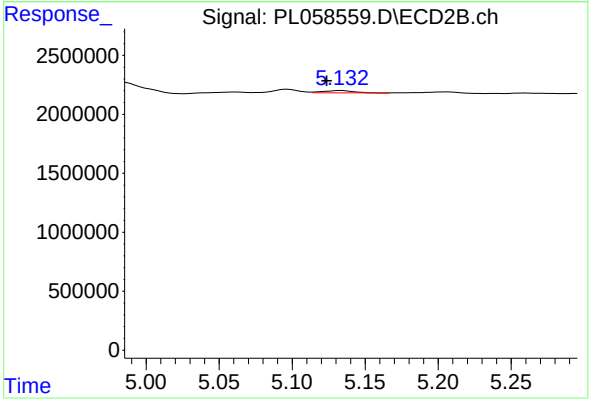
#3 gamma-BHC (Lindane)

R.T.: 4.623 min
Delta R.T.: 0.001 min
Response: 31297490
Conc: 9.46 ng/ml



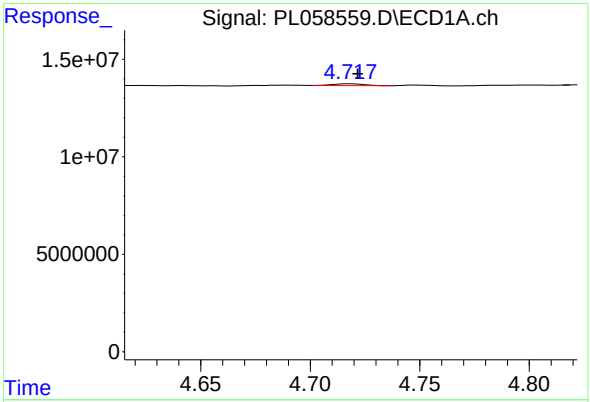
#4 Heptachlor

R.T.: 4.486 min
Delta R.T.: 0.013 min
Response: 1238446
Conc: 0.07 ng/ml



#4 Heptachlor

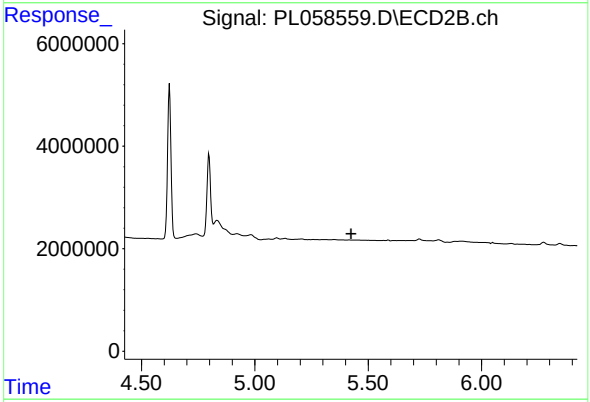
R.T.: 5.134 min
Delta R.T.: 0.010 min
Response: 244589
Conc: 0.07 ng/ml



#5 Aldrin

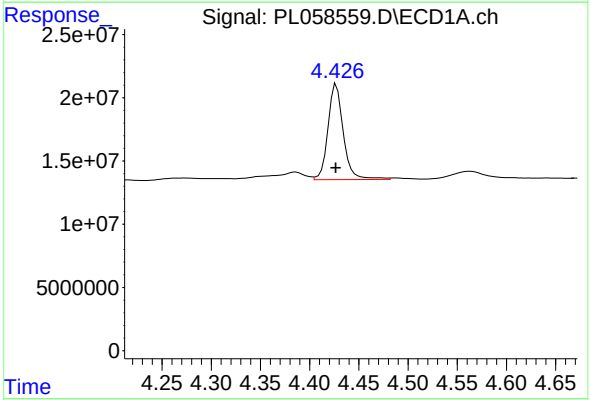
R.T.: 4.719 min
Delta R.T.: -0.003 min
Response: 944065
Conc: 0.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



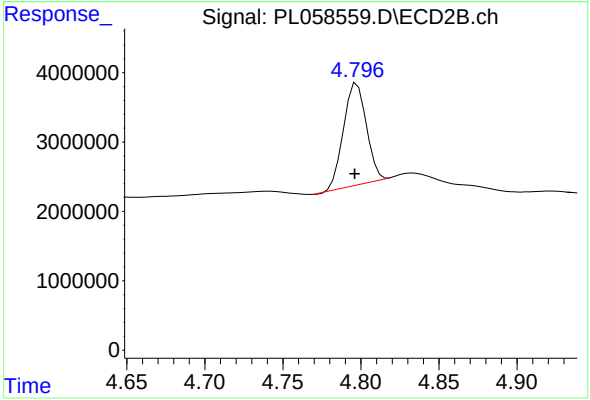
#5 Aldrin

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



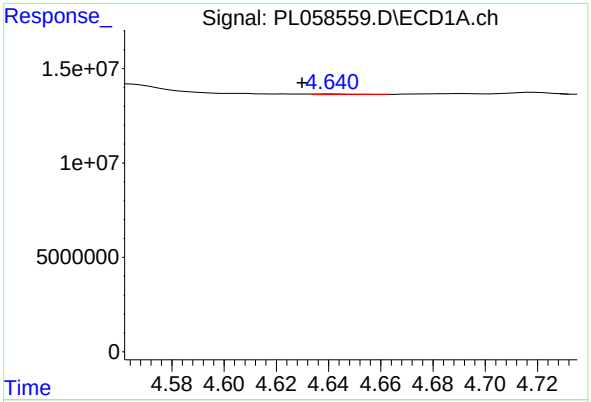
#6 beta-BHC

R.T.: 4.427 min
Delta R.T.: 0.000 min
Response: 82098934
Conc: 11.49 ng/ml



#6 beta-BHC

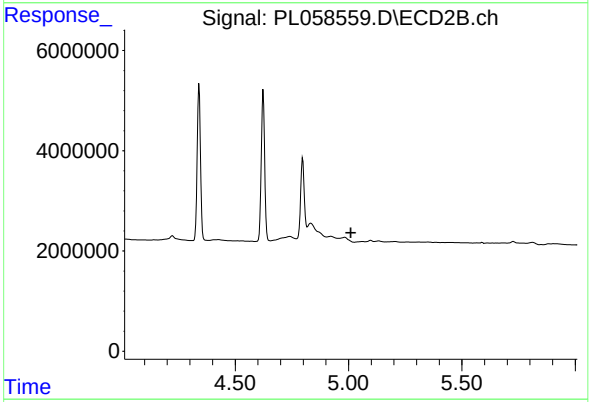
R.T.: 4.798 min
Delta R.T.: 0.001 min
Response: 14891234
Conc: 10.22 ng/ml



#7 delta-BHC

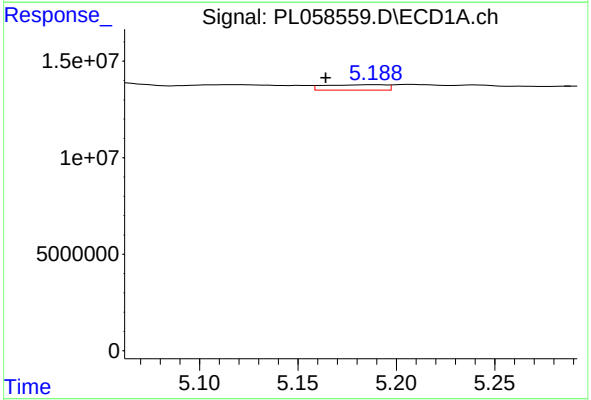
R.T.: 4.642 min
Delta R.T.: 0.012 min
Response: 354357
Conc: 0.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



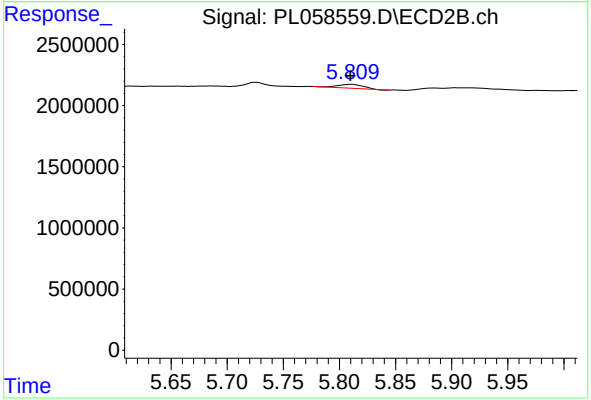
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 5.010 min
Response: 0
Conc: N.D.



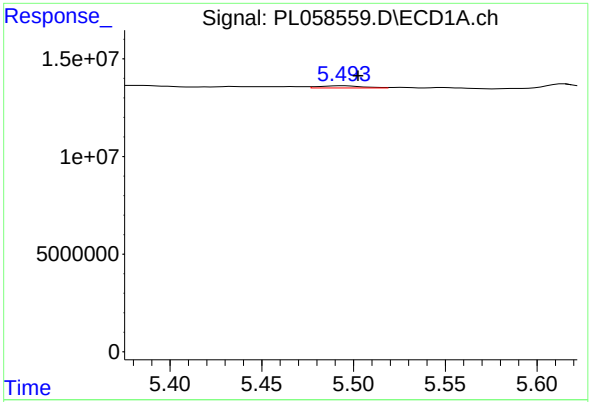
#8 Heptachlor epoxide

R.T.: 5.189 min
Delta R.T.: 0.025 min
Response: 6097850
Conc: 0.40 ng/ml



#8 Heptachlor epoxide

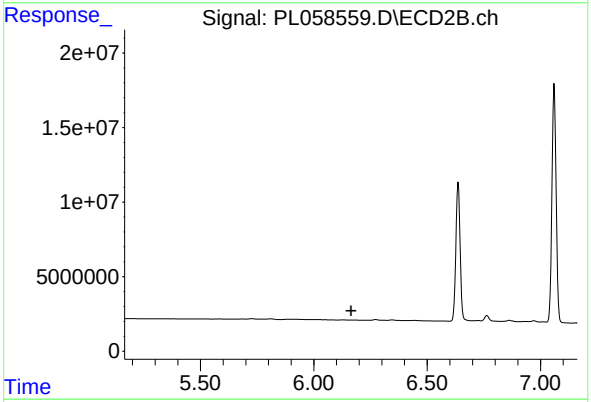
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 447121
Conc: 0.14 ng/ml



#9 Endosulfan I

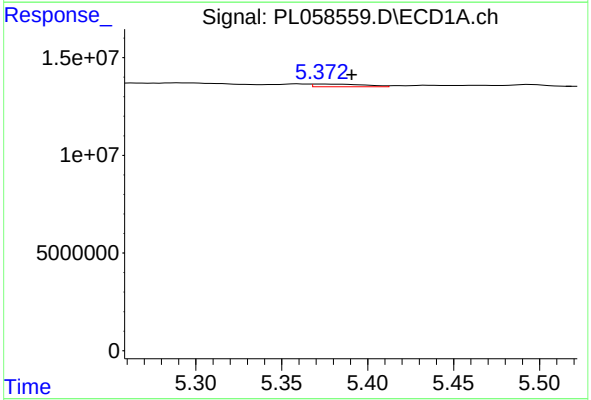
R.T.: 5.495 min
Delta R.T.: -0.008 min
Response: 1890060
Conc: 0.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



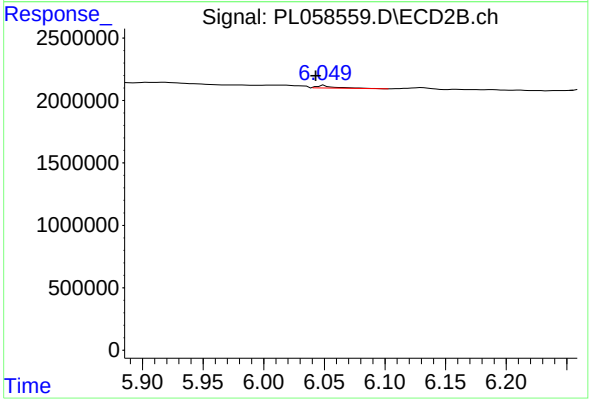
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.164 min
Response: 0
Conc: N.D.



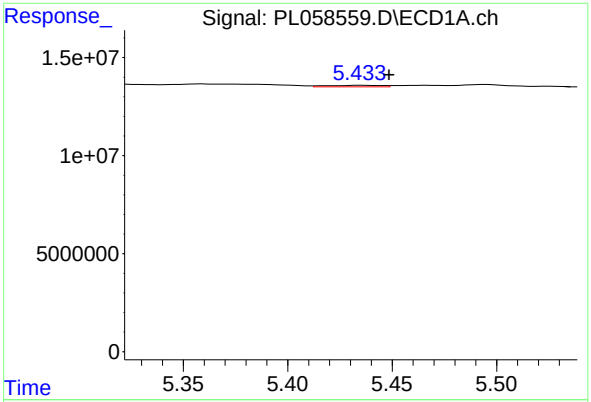
#10 gamma-Chlordane

R.T.: 5.373 min
Delta R.T.: -0.018 min
Response: 2940092
Conc: 0.19 ng/ml



#10 gamma-Chlordane

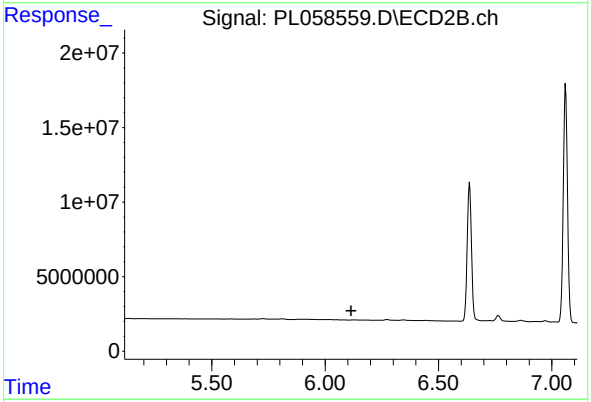
R.T.: 6.050 min
Delta R.T.: 0.007 min
Response: 211107
Conc: 0.06 ng/ml



#11 alpha-Chlordane

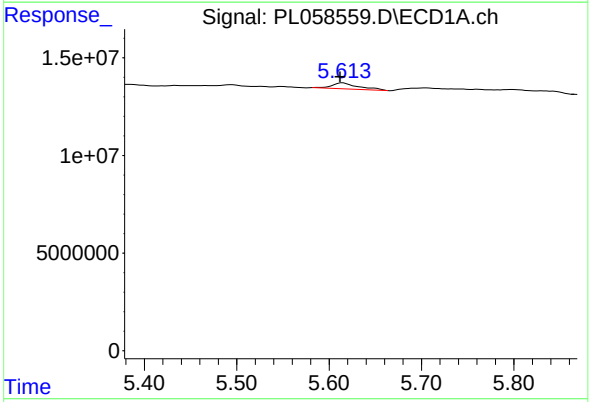
R.T.: 5.435 min
Delta R.T.: -0.014 min
Response: 1413890
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



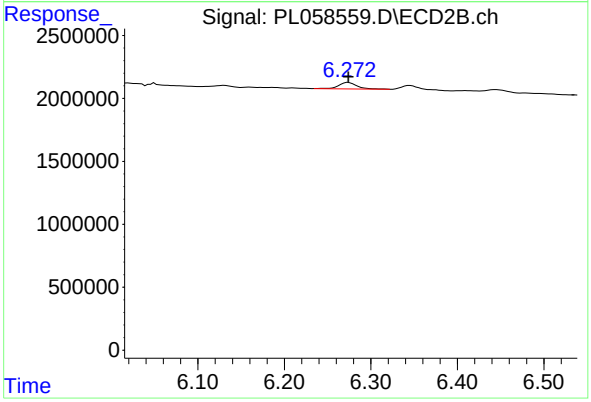
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 6.115 min
Response: 0
Conc: N.D.



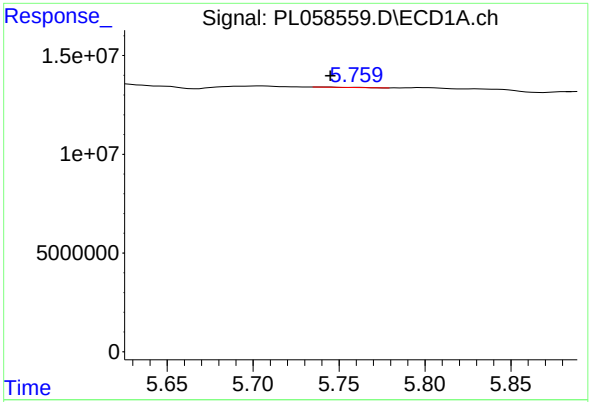
#12 4,4'-DDE

R.T.: 5.615 min
Delta R.T.: 0.003 min
Response: 6008492
Conc: 0.40 ng/ml



#12 4,4'-DDE

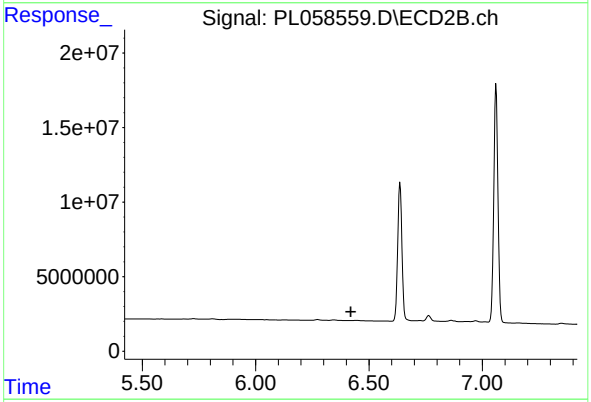
R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 729690
Conc: 0.24 ng/ml



#13 Dieldrin

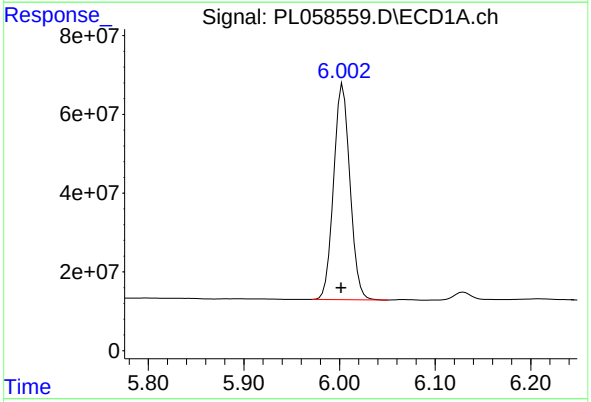
R.T.: 5.761 min
Delta R.T.: 0.016 min
Response: 108447
Conc: 0.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



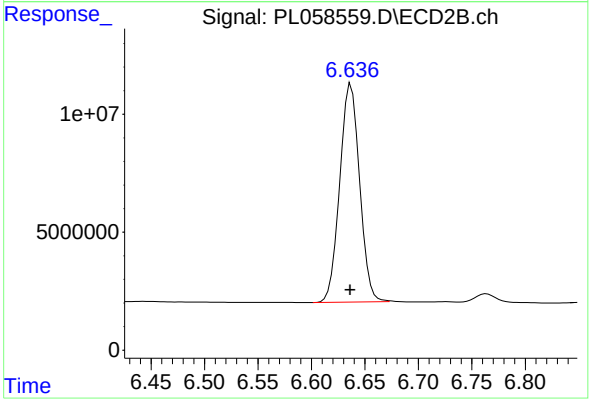
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.420 min
Response: 0
Conc: N.D.



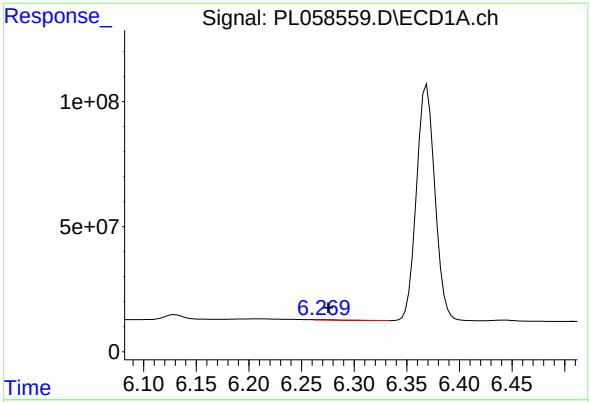
#14 Endrin

R.T.: 6.004 min
Delta R.T.: 0.002 min
Response: 649353698
Conc: 47.77 ng/ml



#14 Endrin

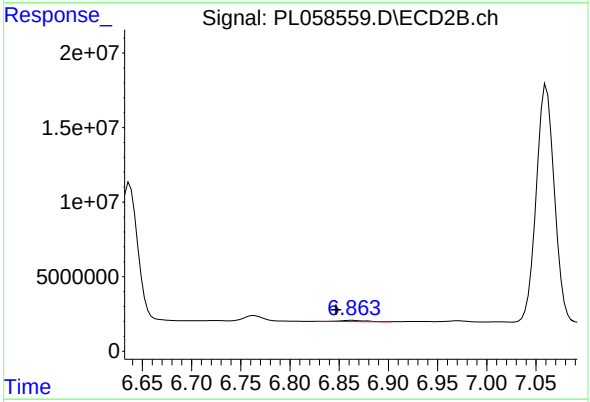
R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 119841003
Conc: 46.61 ng/ml



#15 Endosulfan II

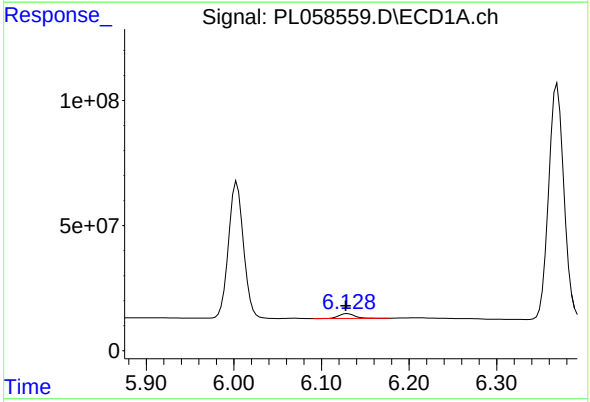
R.T.: 6.269 min
Delta R.T.: -0.006 min
Response: 1456178
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



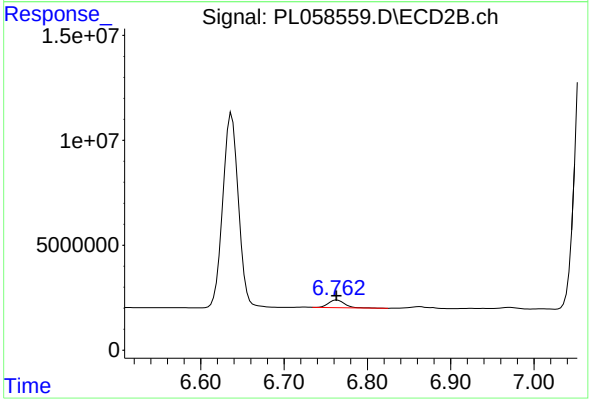
#15 Endosulfan II

R.T.: 6.864 min
Delta R.T.: 0.017 min
Response: 1508528
Conc: 0.57 ng/ml



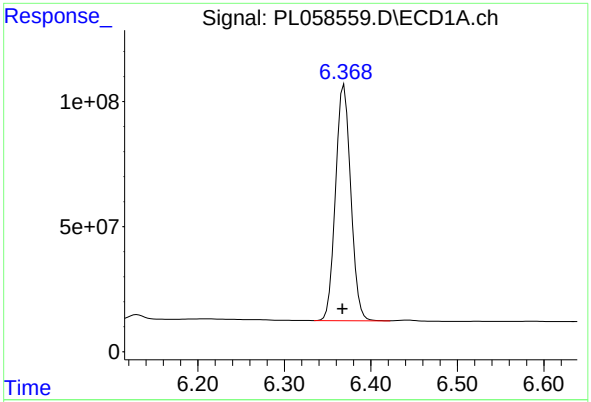
#16 4,4'-DDD

R.T.: 6.130 min
Delta R.T.: 0.002 min
Response: 24865117
Conc: 2.12 ng/ml



#16 4,4'-DDD

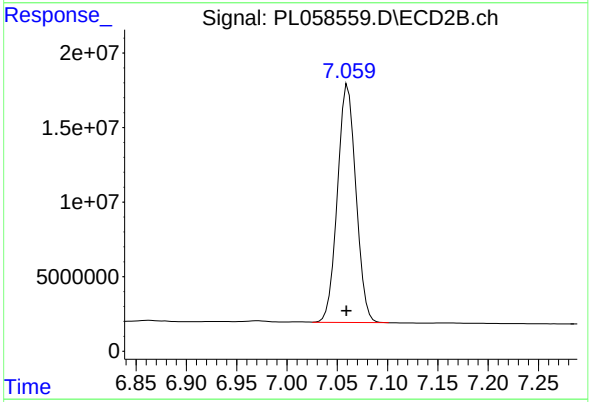
R.T.: 6.764 min
Delta R.T.: 0.001 min
Response: 4784774
Conc: 2.11 ng/ml



#17 4,4'-DDT

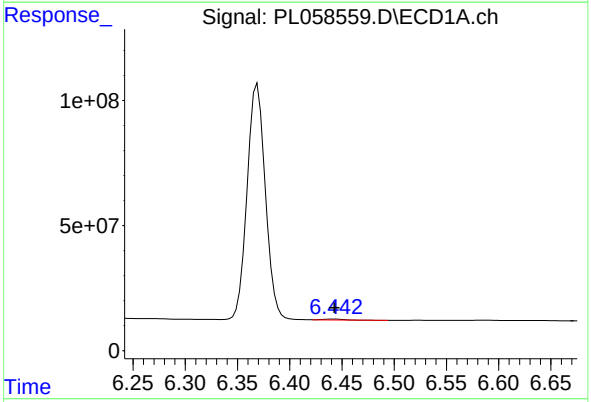
R.T.: 6.369 min
Delta R.T.: 0.002 min
Response: 1147287705
Conc: 98.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



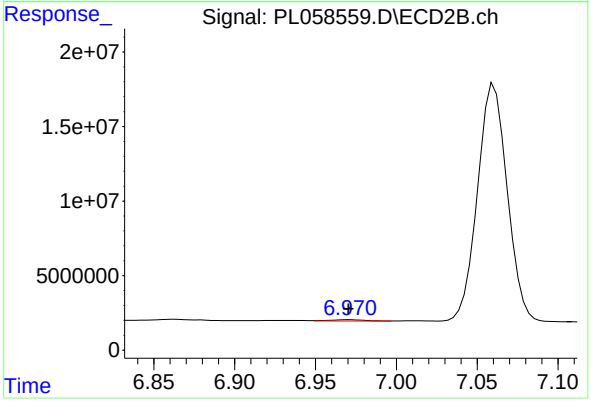
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: 0.001 min
Response: 203853139
Conc: 93.10 ng/ml



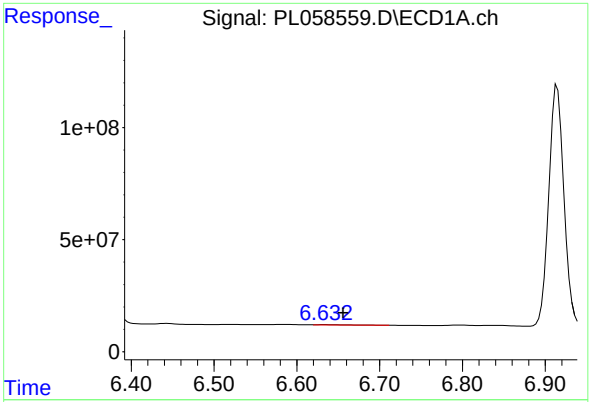
#18 Endrin aldehyde

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 5592148
Conc: 0.53 ng/ml



#18 Endrin aldehyde

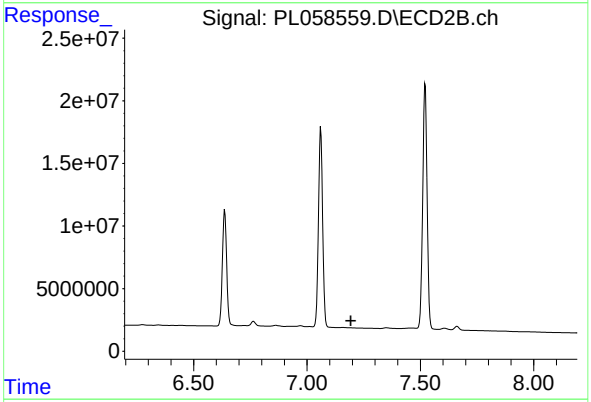
R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 1373930
Conc: 0.63 ng/ml



#19 Endosulfan Sulfate

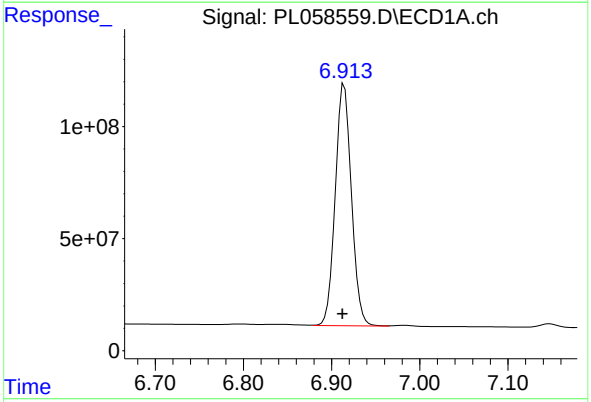
R.T.: 6.632 min
Delta R.T.: -0.024 min
Response: 3601103
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



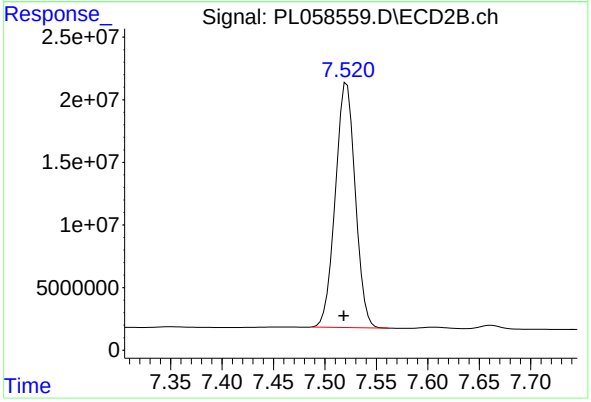
#19 Endosulfan Sulfate

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



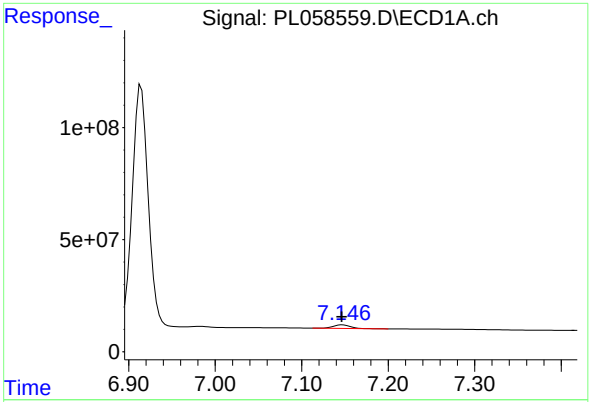
#20 Methoxychlor

R.T.: 6.914 min
Delta R.T.: 0.002 min
Response: 1374215366
Conc: 231.28 ng/ml



#20 Methoxychlor

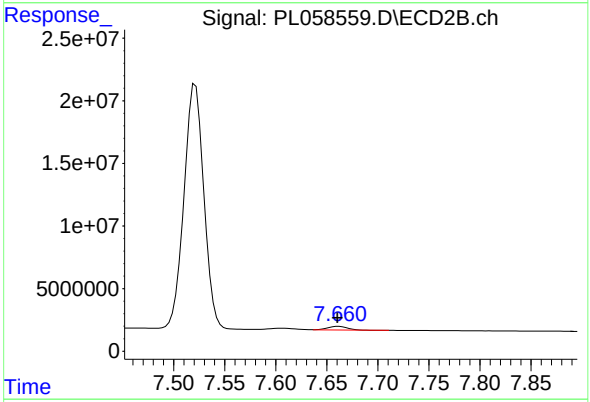
R.T.: 7.521 min
Delta R.T.: 0.003 min
Response: 263169074
Conc: 212.33 ng/ml



#21 Endrin ketone

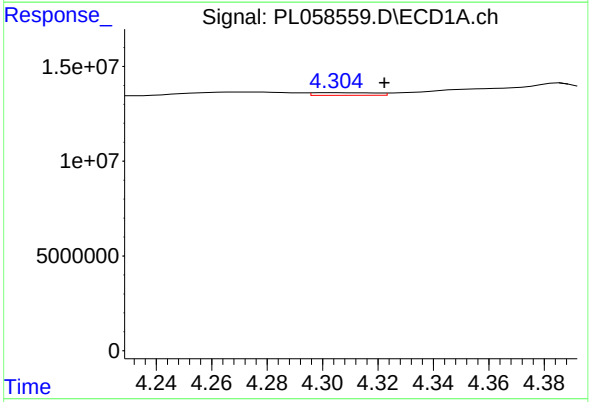
R.T.: 7.147 min
Delta R.T.: 0.001 min
Response: 21072158
Conc: 1.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



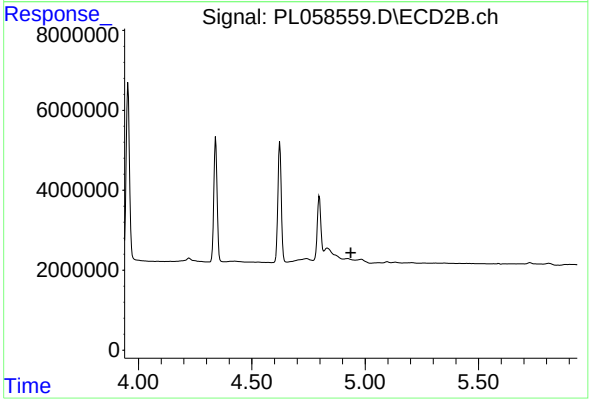
#21 Endrin ketone

R.T.: 7.662 min
Delta R.T.: 0.001 min
Response: 3827031
Conc: 1.57 ng/ml



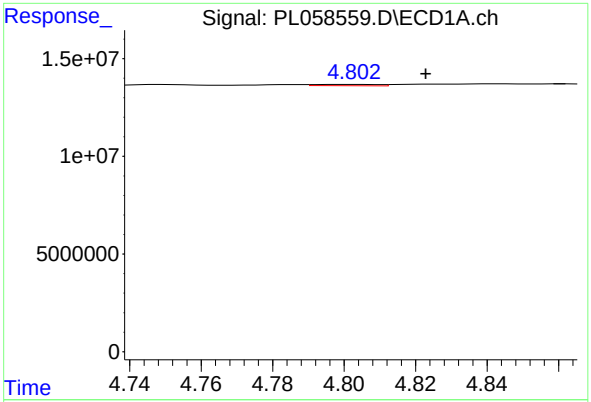
#23 Chlordane-1

R.T.: 4.305 min
Delta R.T.: -0.017 min
Response: 2208218
Conc: 5.14 ng/ml



#23 Chlordane-1

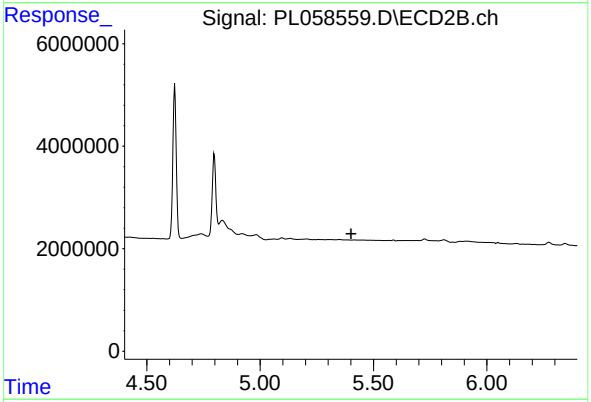
R.T.: 4.922 min
Delta R.T.: -0.014 min
Response: -757656
Conc: N.D.



#24 Chlordane-2

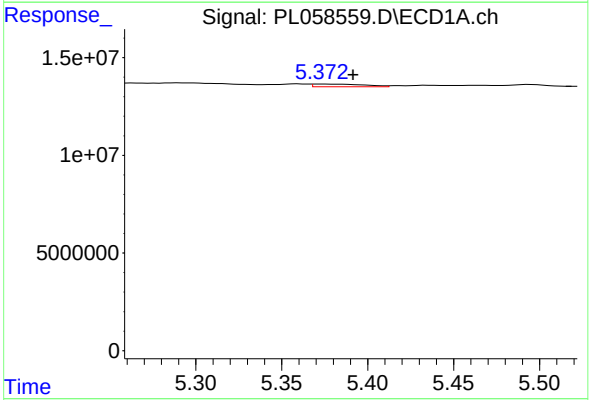
R.T.: 4.803 min
Delta R.T.: -0.020 min
Response: 790297
Conc: 1.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



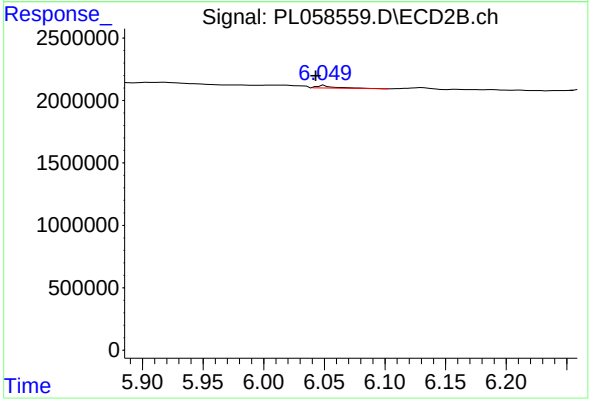
#24 Chlordane-2

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



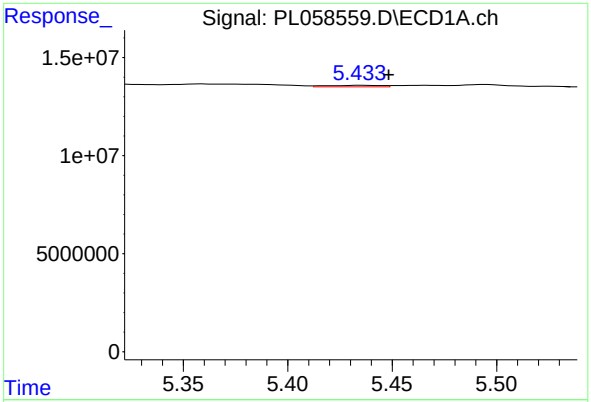
#25 Chlordane-3

R.T.: 5.373 min
Delta R.T.: -0.019 min
Response: 2940092
Conc: 2.24 ng/ml



#25 Chlordane-3

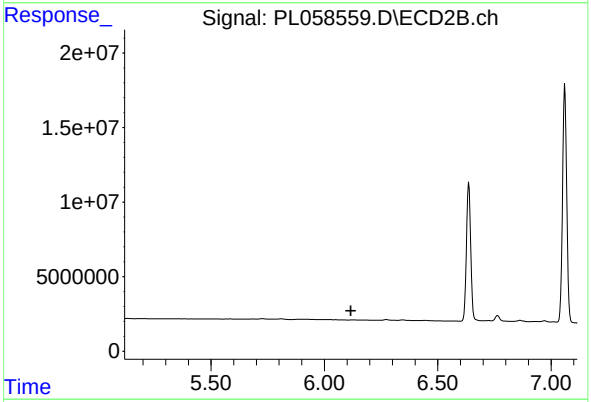
R.T.: 6.050 min
Delta R.T.: 0.007 min
Response: 211107
Conc: 0.53 ng/ml



#26 Chlordane-4

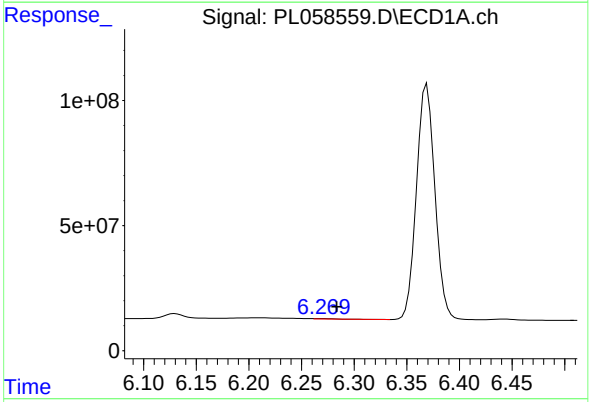
R.T.: 5.435 min
Delta R.T.: -0.014 min
Response: 1413890
Conc: 1.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



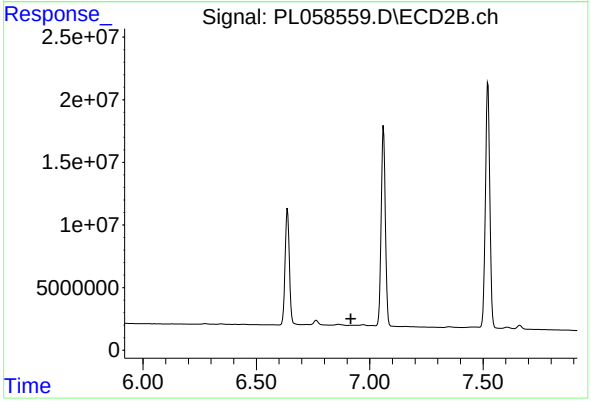
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.116 min
Response: 0
Conc: N.D.



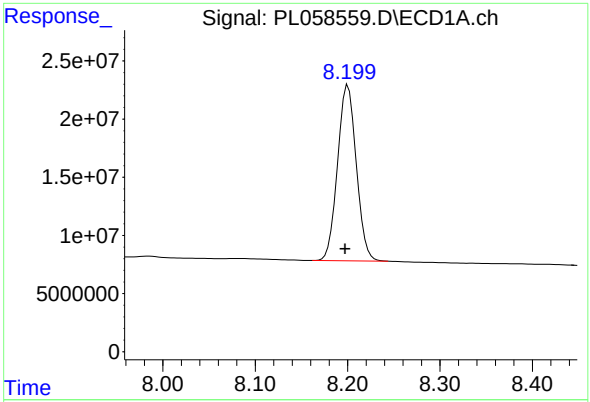
#27 Chlordane-5

R.T.: 6.269 min
Delta R.T.: -0.014 min
Response: 1456178
Conc: 3.58 ng/ml



#27 Chlordane-5

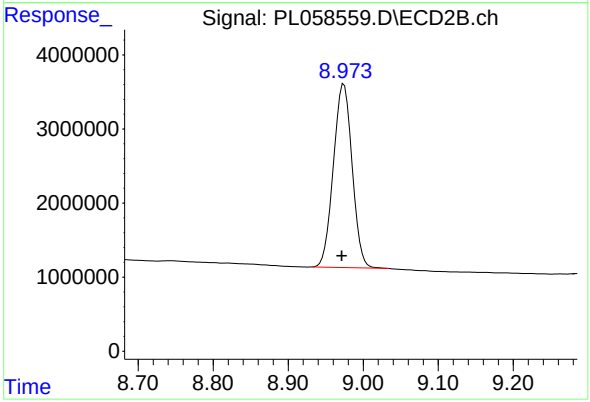
R.T.: 0.000 min
Exp R.T. : 6.916 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.201 min
Delta R.T.: 0.003 min
Response: 213021302
Conc: 19.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.974 min
Delta R.T.: 0.003 min
Response: 43070451
Conc: 19.41 ng/ml