

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102219\
 Data File : PL053571.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2019 11:49
 Operator : SG\AJ
 Sample : K5111-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 01:01:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 18 13:56:08 2019
 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...	3.543	4.045	203.7E6	47371736	18.797	18.931
28)	SA Decachlor...	8.330	9.123	176.8E6	55863965	18.024	19.838
Target Compounds							
2)	A alpha-BHC	3.986	4.435	18150204	2875100	1.041	0.832
3)	MA gamma-BHC...	4.273	4.720	11971543	2376318	0.769	0.738
4)	MA Heptachlor	4.581	5.230	13750202	2809470	0.871	0.872
5)	MB Aldrin	4.832	5.536	22242476	2933502	1.556	0.984 #
6)	B beta-BHC	4.523	4.891	6651044	1445012	1.009	0.936
7)	B delta-BHC	4.731	5.108	10198853	1641390	0.670	0.543
8)	B Heptachlo...	5.278	5.916	87591034	50288370	6.489	17.243 #
9)	A Endosulfan I	5.620	6.278	83978708	3124086	6.832	1.152 #
10)	B gamma-Chl...	5.507	6.156	76392381	1449316	5.599	0.497 #
11)	B alpha-Chl...	5.564	6.230	43554404	3296824	3.274	1.129 #
12)	B 4,4'-DDE	5.754f	0.000	22844579	0	1.923	N.D. #
13)	MA Dieldrin	5.863	6.536	11778745	2218835	0.904	0.778
14)	MA Endrin	6.124	6.749	69809211	13896627	6.023	5.725
15)	B Endosulfa...	6.396	6.963	20867695	6776627	1.866	2.653 #
16)	A 4,4'-DDD	6.246	6.875	10297082	3167202	1.157	1.520 #
17)	MA 4,4'-DDT	6.488	7.175	8918028	6677420	0.900	2.888 #
18)	B Endrin al...	6.565	7.087	9421584	10702947	1.028	4.872 #
19)	B Endosulfa...	6.778	7.310	8931713	2221309	0.878	0.905
20)	A Methoxychlor	7.034	0.000	4481718	0	0.909	N.D. #
21)	B Endrin ke...	0.000	7.780	0	2385642	N.D.	0.925 #
22)	Mirex	7.465	8.256f	3456890	5495322	0.404	2.716 #
24)	Chlordane-2	0.000	5.536f	0	2933502	N.D.	29.866 #
25)	Chlordane-3	5.507	6.156	76392381	1449316	66.273	3.968 #
26)	Chlordane-4	5.564	6.230	43554404	3296824	46.460	7.344 #
27)	Chlordane-5	6.396	0.000	20867695	0	57.087	N.D. #

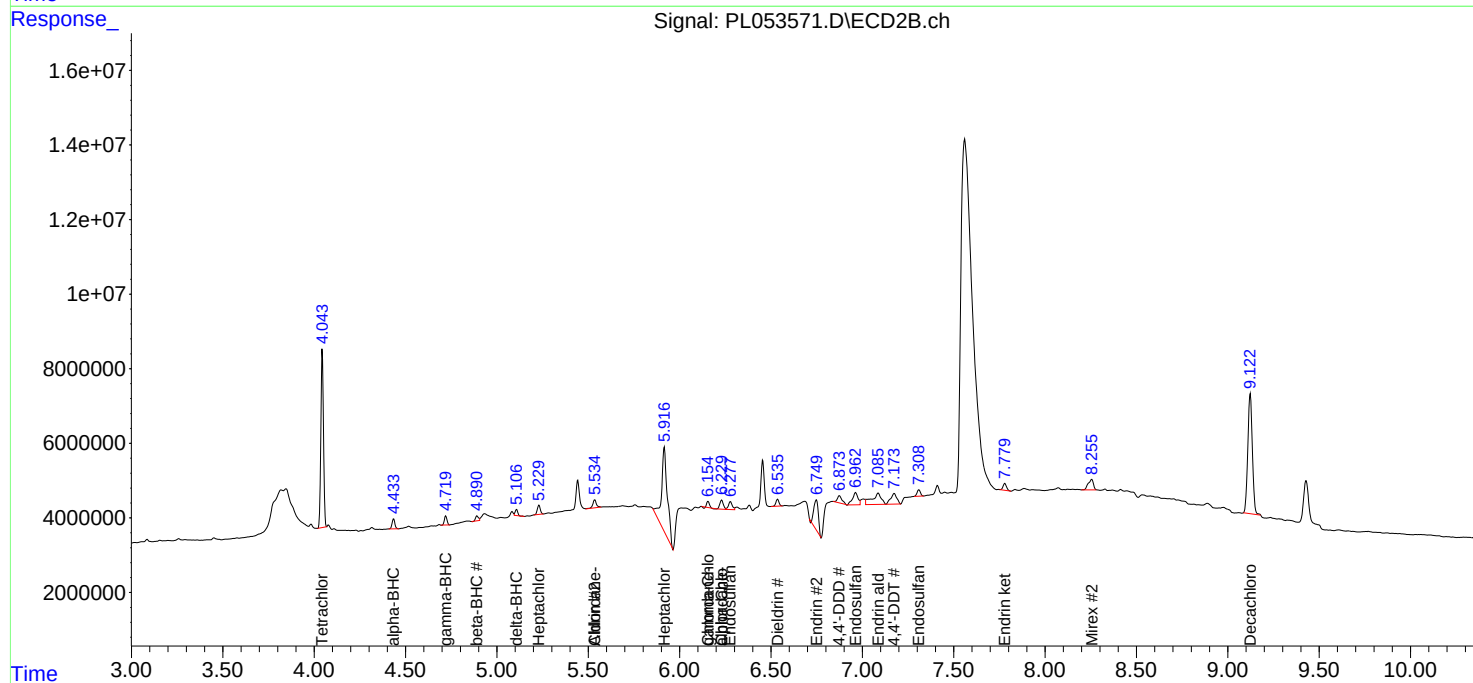
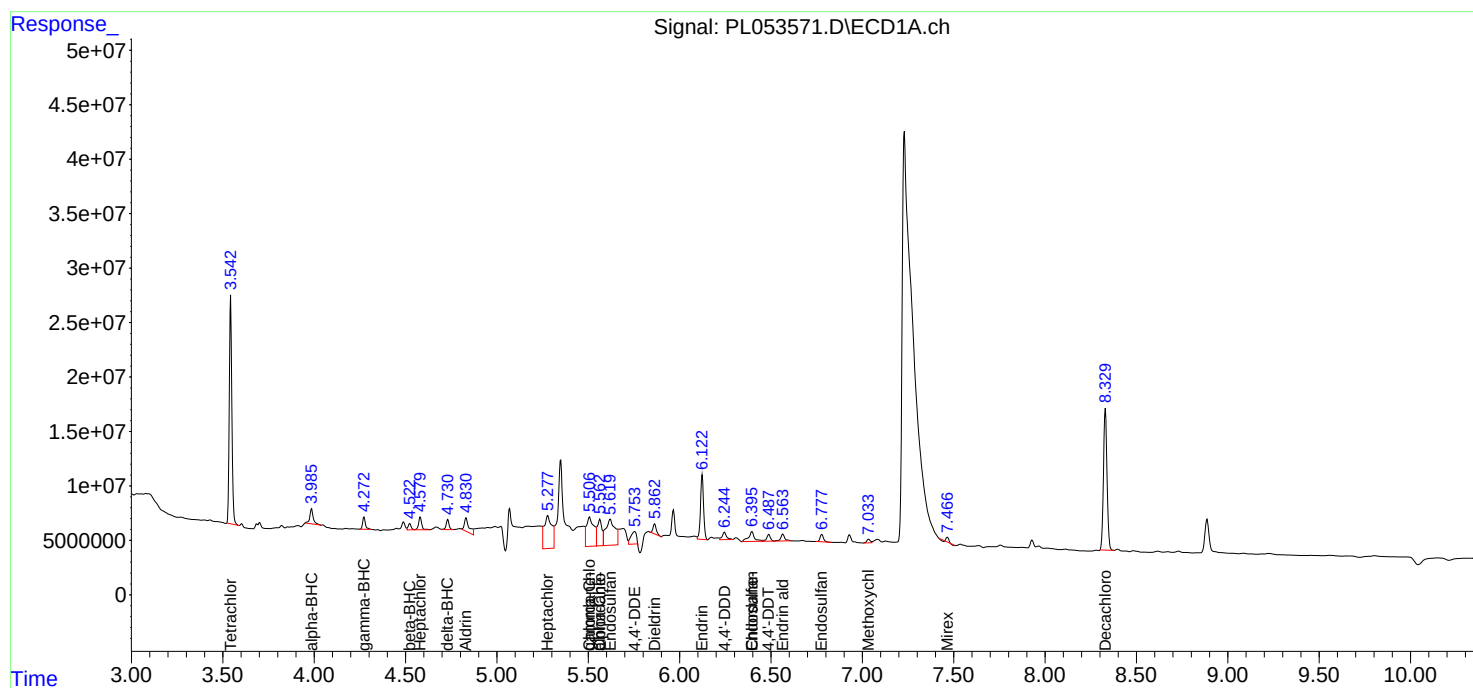
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

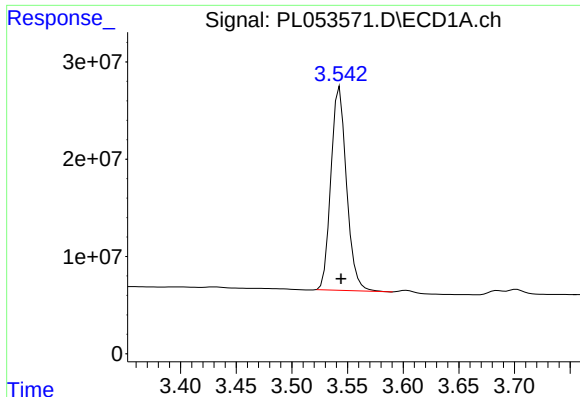
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102219\
Data File : PL053571.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2019 11:49
Operator : SG\AJ
Sample : K5111-09
Misc : PEST MDL 1 PPB
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 01:01:37 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
Quant Title : GC Extractables
QLast Update : Fri Oct 18 13:56:08 2019
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

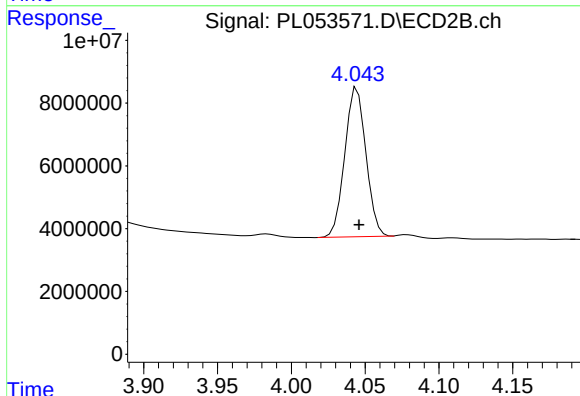




#1 Tetrachloro-m-xylene

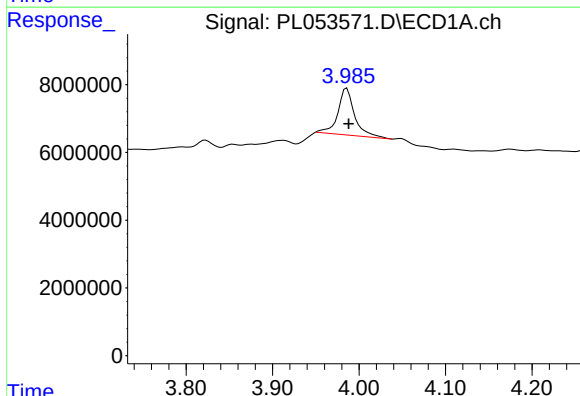
R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 203742781
Conc: 18.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



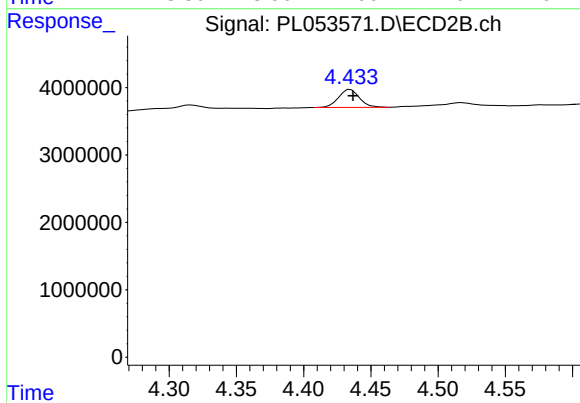
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: -0.001 min
Response: 47371736
Conc: 18.93 ng/ml



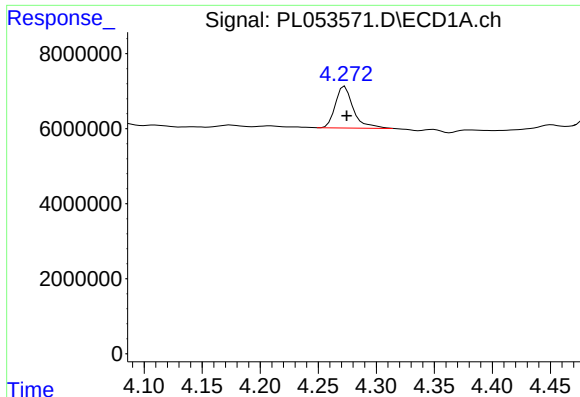
#2 alpha-BHC

R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 18150204
Conc: 1.04 ng/ml



#2 alpha-BHC

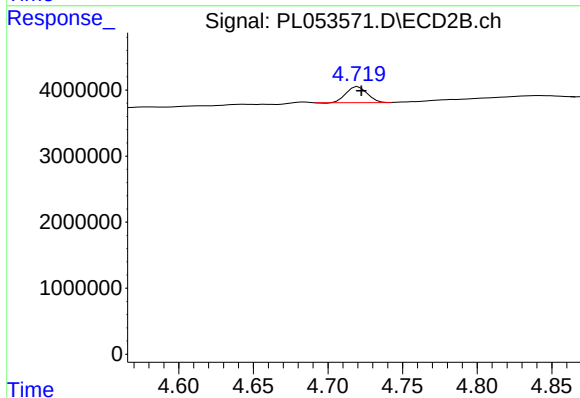
R.T.: 4.435 min
Delta R.T.: -0.002 min
Response: 2875100
Conc: 0.83 ng/ml



#3 gamma-BHC (Lindane)

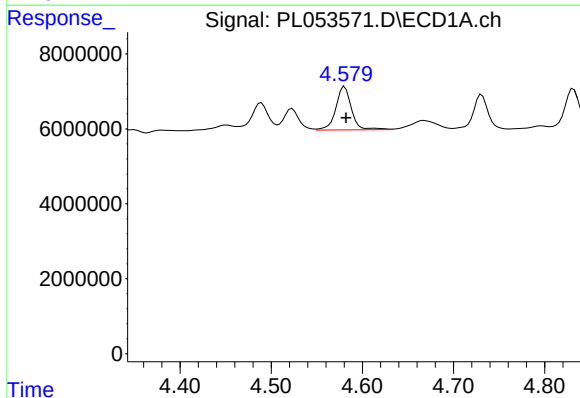
R.T.: 4.273 min
Delta R.T.: -0.002 min
Response: 11971543
Conc: 0.77 ng/ml

Instrument :
ECD_L
ClientSampleId :



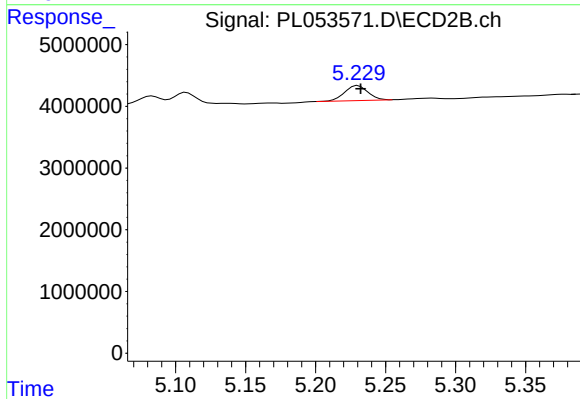
#3 gamma-BHC (Lindane)

R.T.: 4.720 min
Delta R.T.: -0.002 min
Response: 2376318
Conc: 0.74 ng/ml



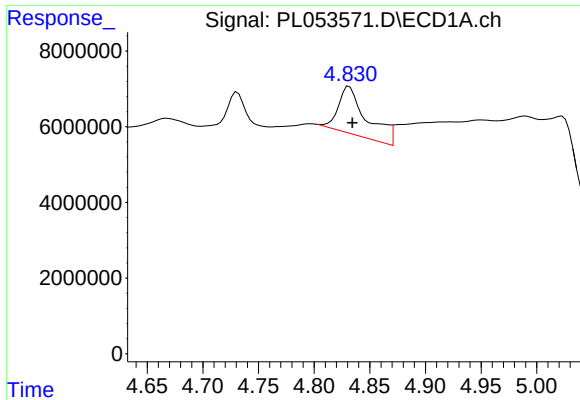
#4 Heptachlor

R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 13750202
Conc: 0.87 ng/ml



#4 Heptachlor

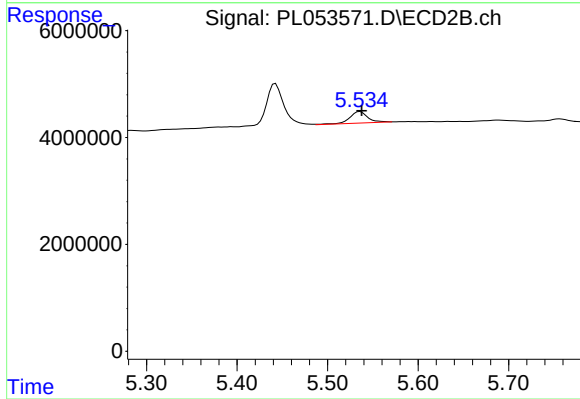
R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 2809470
Conc: 0.87 ng/ml



#5 Aldrin

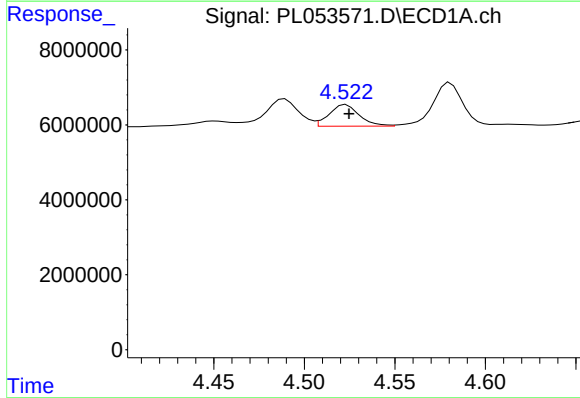
R.T.: 4.832 min
Delta R.T.: -0.003 min
Response: 22242476
Conc: 1.56 ng/ml

Instrument :
ECD_L
ClientSampleId :



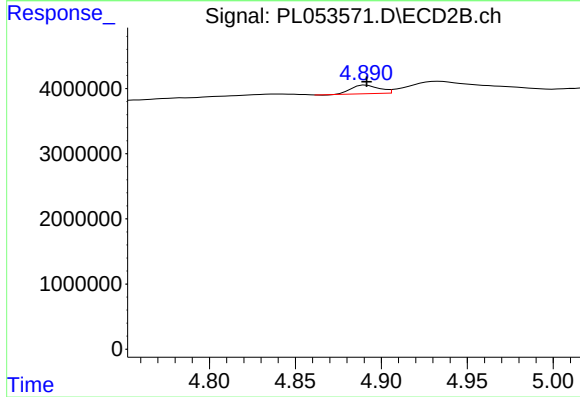
#5 Aldrin

R.T.: 5.536 min
Delta R.T.: -0.002 min
Response: 2933502
Conc: 0.98 ng/ml



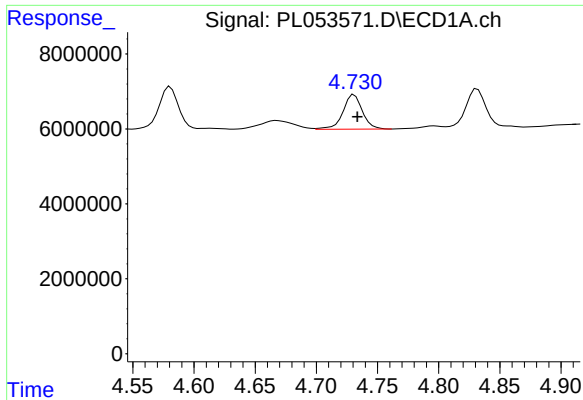
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.001 min
Response: 6651044
Conc: 1.01 ng/ml



#6 beta-BHC

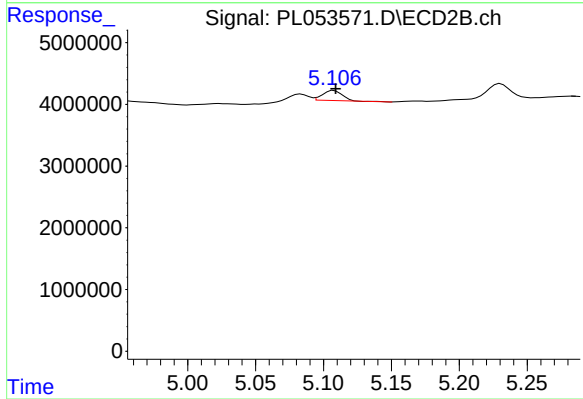
R.T.: 4.891 min
Delta R.T.: 0.000 min
Response: 1445012
Conc: 0.94 ng/ml



#7 delta-BHC

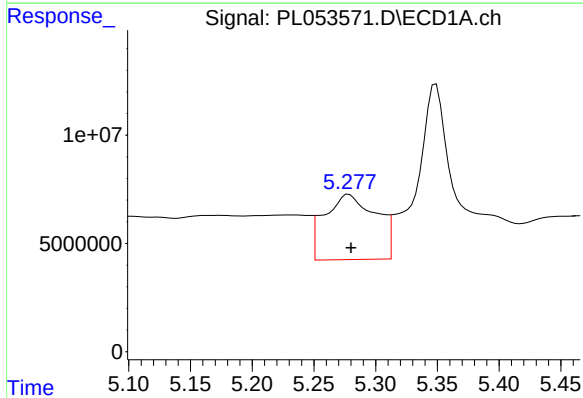
R.T.: 4.731 min
Delta R.T.: -0.003 min
Response: 10198853
Conc: 0.67 ng/ml

Instrument :
ECD_L
ClientSampleId :



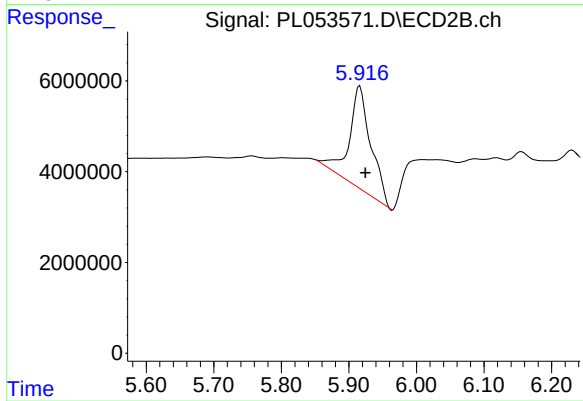
#7 delta-BHC

R.T.: 5.108 min
Delta R.T.: -0.001 min
Response: 1641390
Conc: 0.54 ng/ml



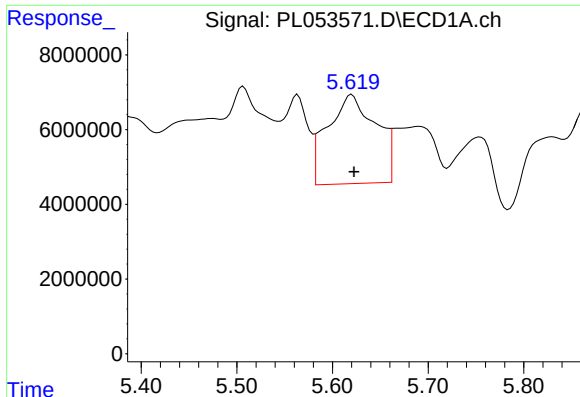
#8 Heptachlor epoxide

R.T.: 5.278 min
Delta R.T.: -0.002 min
Response: 87591034
Conc: 6.49 ng/ml



#8 Heptachlor epoxide

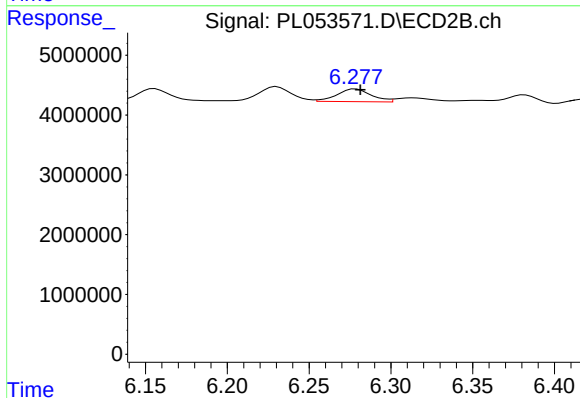
R.T.: 5.916 min
Delta R.T.: -0.008 min
Response: 50288370
Conc: 17.24 ng/ml



#9 Endosulfan I

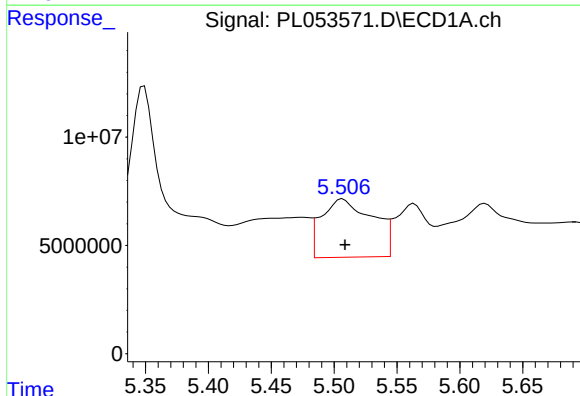
R.T.: 5.620 min
Delta R.T.: -0.002 min
Response: 83978708
Conc: 6.83 ng/ml

Instrument :
ECD_L
ClientSampleId :



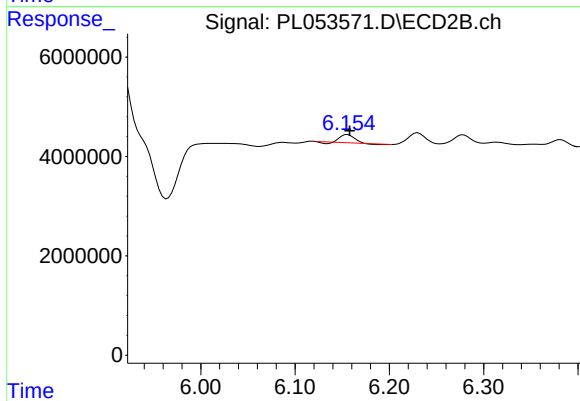
#9 Endosulfan I

R.T.: 6.278 min
Delta R.T.: -0.003 min
Response: 3124086
Conc: 1.15 ng/ml



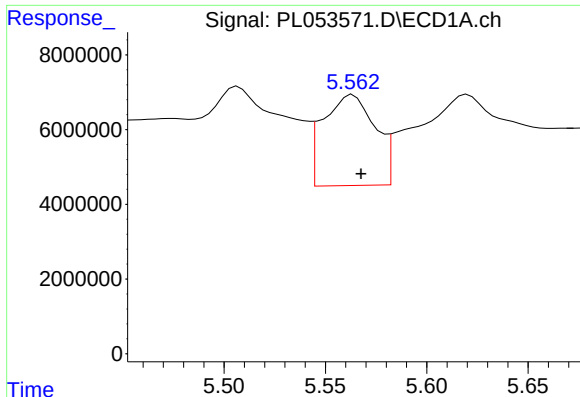
#10 gamma-Chlordane

R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 76392381
Conc: 5.60 ng/ml



#10 gamma-Chlordane

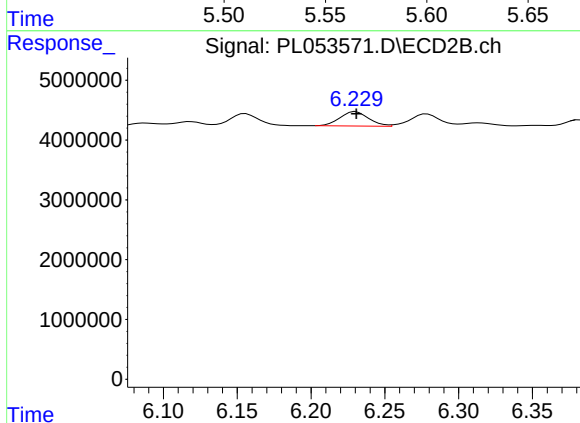
R.T.: 6.156 min
Delta R.T.: -0.002 min
Response: 1449316
Conc: 0.50 ng/ml



#11 alpha-Chlordane

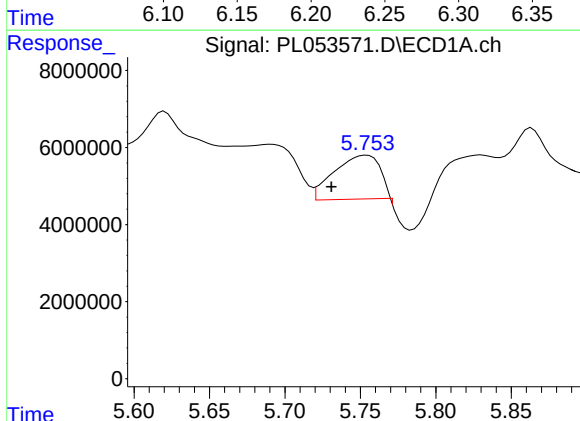
R.T.: 5.564 min
Delta R.T.: -0.004 min
Response: 43554404
Conc: 3.27 ng/ml

Instrument :
ECD_L
ClientSampleId :



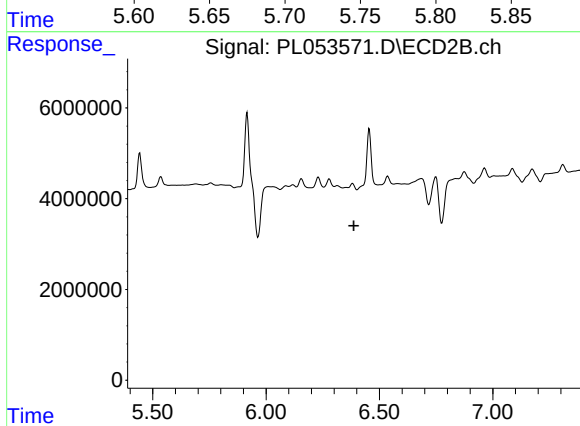
#11 alpha-Chlordane

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 3296824
Conc: 1.13 ng/ml



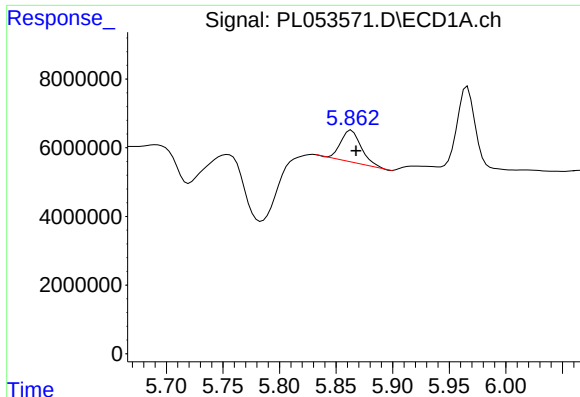
#12 4,4'-DDE

R.T.: 5.754 min
Delta R.T.: 0.024 min
Response: 22844579
Conc: 1.92 ng/ml



#12 4,4'-DDE

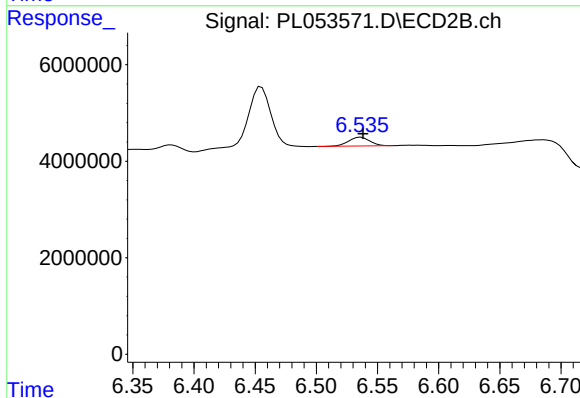
R.T.: 0.000 min
Exp R.T.: 6.387 min
Response: 0
Conc: N.D.



#13 Dieldrin

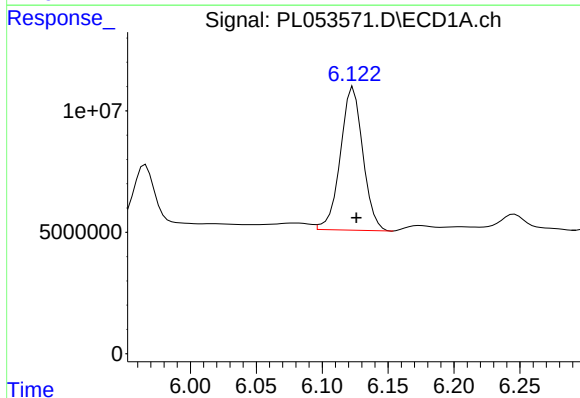
R.T.: 5.863 min
Delta R.T.: -0.004 min
Response: 11778745
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



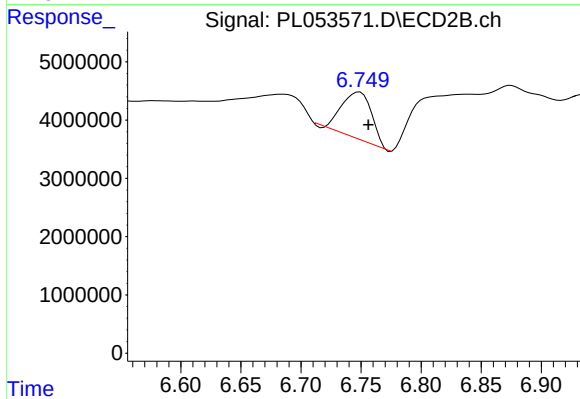
#13 Dieldrin

R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 2218835
Conc: 0.78 ng/ml



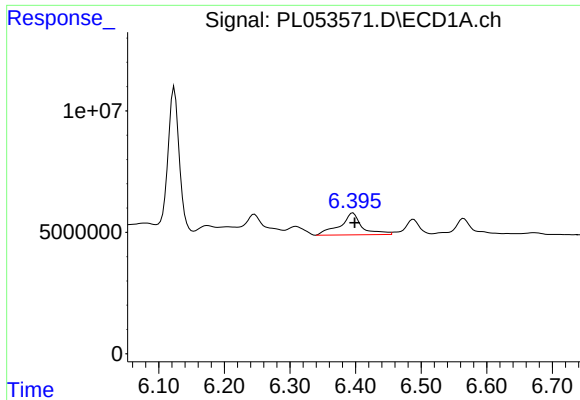
#14 Endrin

R.T.: 6.124 min
Delta R.T.: -0.002 min
Response: 69809211
Conc: 6.02 ng/ml



#14 Endrin

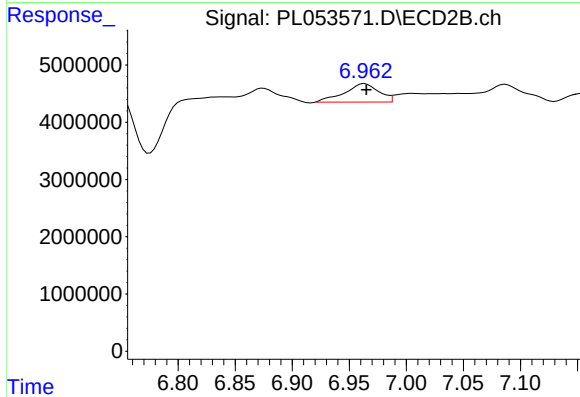
R.T.: 6.749 min
Delta R.T.: -0.007 min
Response: 13896627
Conc: 5.73 ng/ml



#15 Endosulfan II

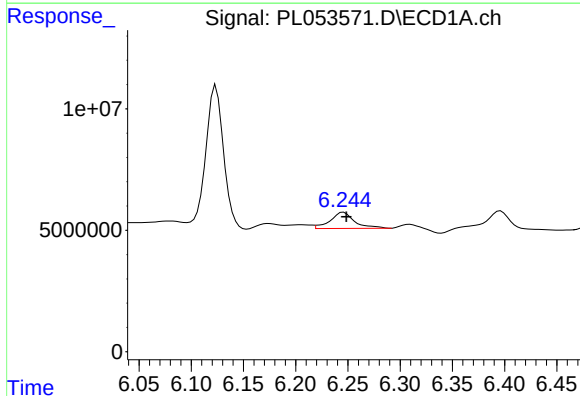
R.T.: 6.396 min
Delta R.T.: -0.003 min
Response: 20867695
Conc: 1.87 ng/ml

Instrument :
ECD_L
ClientSampleId :



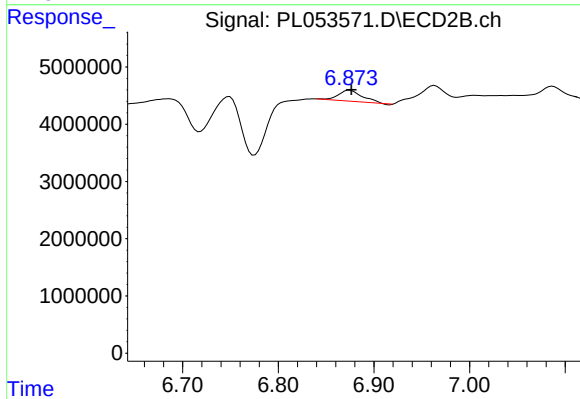
#15 Endosulfan II

R.T.: 6.963 min
Delta R.T.: -0.002 min
Response: 6776627
Conc: 2.65 ng/ml



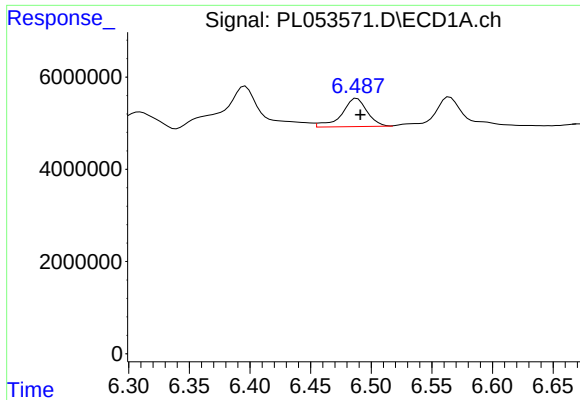
#16 4,4'-DDD

R.T.: 6.246 min
Delta R.T.: -0.003 min
Response: 10297082
Conc: 1.16 ng/ml



#16 4,4'-DDD

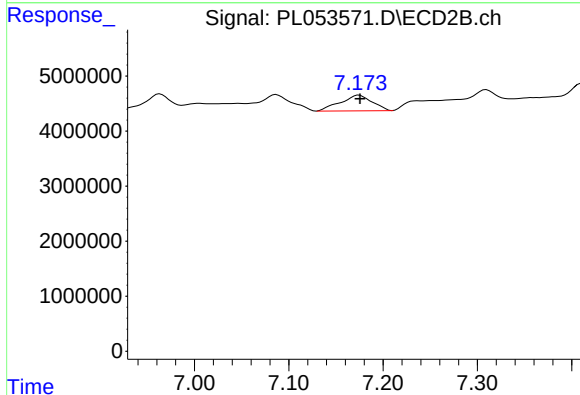
R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 3167202
Conc: 1.52 ng/ml



#17 4,4'-DDT

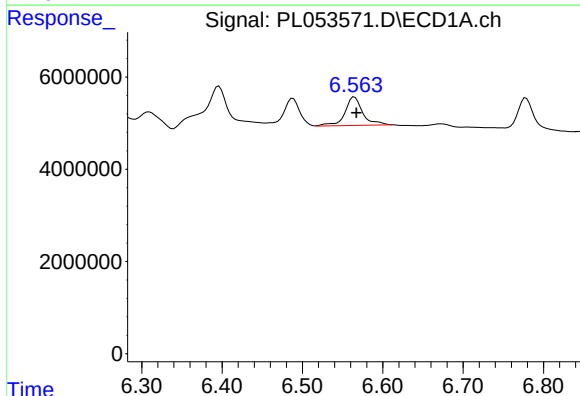
R.T.: 6.488 min
Delta R.T.: -0.003 min
Response: 8918028
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



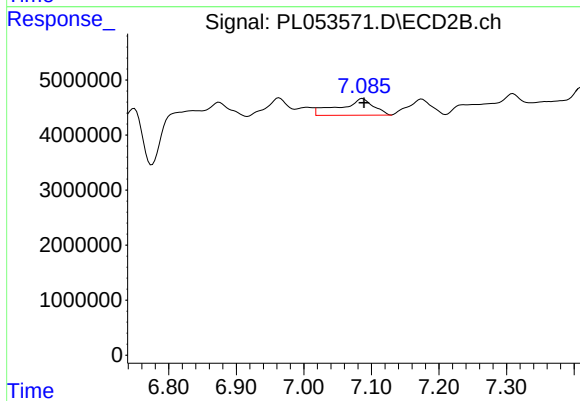
#17 4,4'-DDT

R.T.: 7.175 min
Delta R.T.: -0.001 min
Response: 6677420
Conc: 2.89 ng/ml



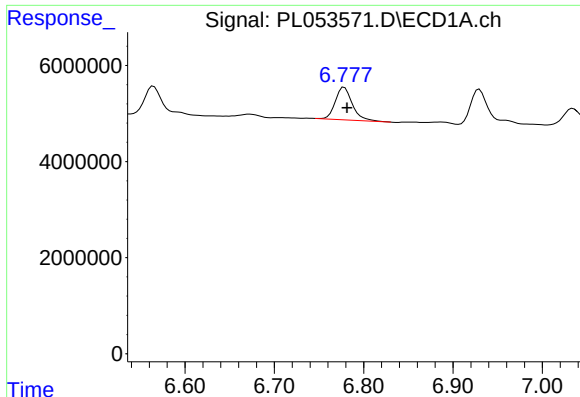
#18 Endrin aldehyde

R.T.: 6.565 min
Delta R.T.: -0.002 min
Response: 9421584
Conc: 1.03 ng/ml



#18 Endrin aldehyde

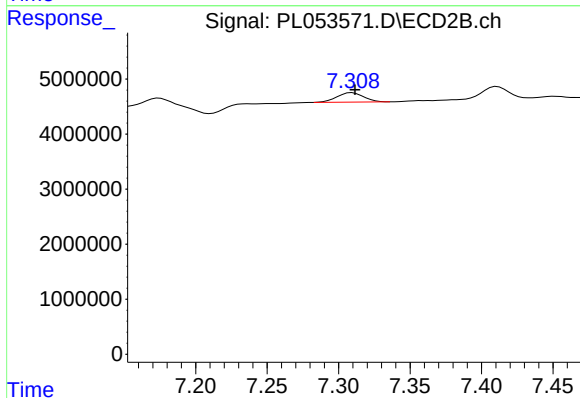
R.T.: 7.087 min
Delta R.T.: -0.002 min
Response: 10702947
Conc: 4.87 ng/ml



#19 Endosulfan Sulfate

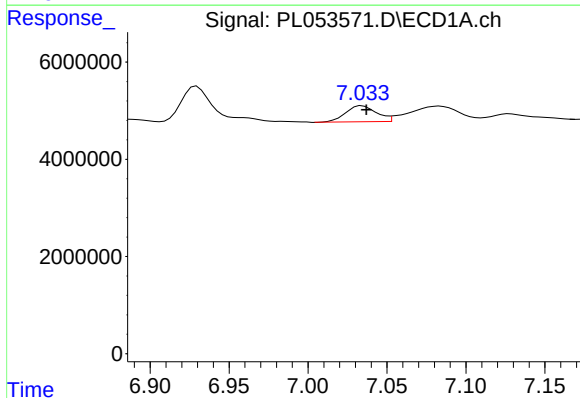
R.T.: 6.778 min
Delta R.T.: -0.003 min
Response: 8931713
Conc: 0.88 ng/ml

Instrument :
ECD_L
ClientSampleId :



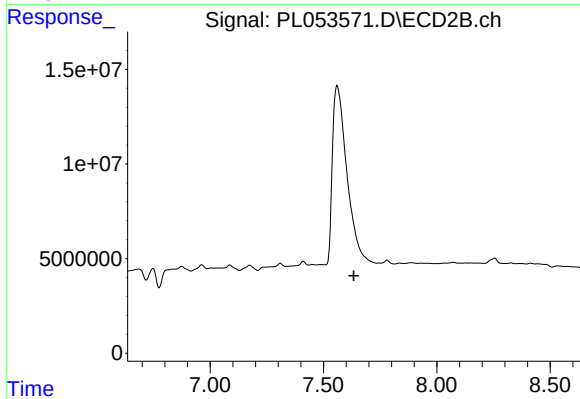
#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: -0.002 min
Response: 2221309
Conc: 0.91 ng/ml



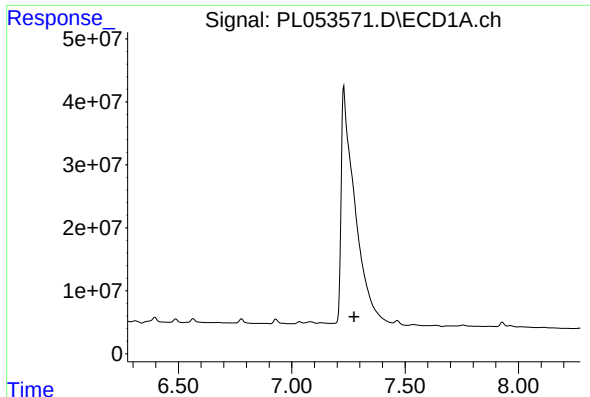
#20 Methoxychlor

R.T.: 7.034 min
Delta R.T.: -0.003 min
Response: 4481718
Conc: 0.91 ng/ml



#20 Methoxychlor

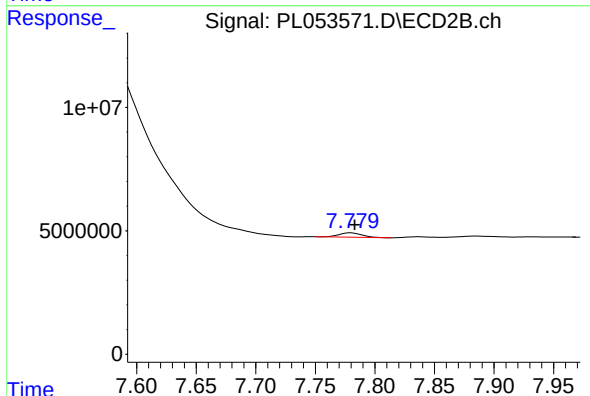
R.T.: 0.000 min
Exp R.T. : 7.633 min
Response: 0
Conc: N.D.



#21 Endrin ketone

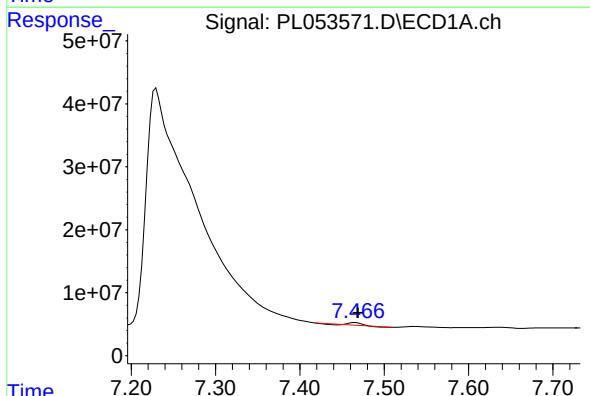
R.T.: 0.000 min
Exp R.T.: 7.275 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



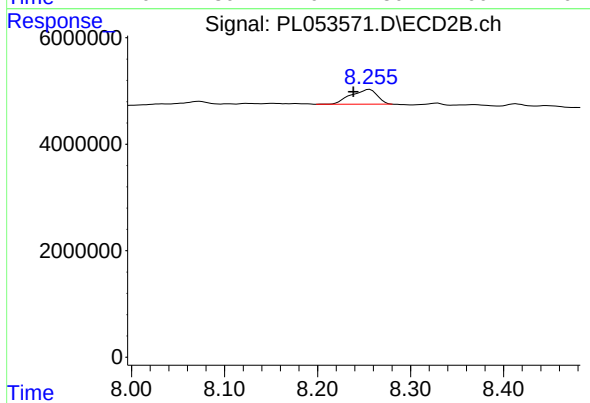
#21 Endrin ketone

R.T.: 7.780 min
Delta R.T.: -0.003 min
Response: 2385642
Conc: 0.93 ng/ml



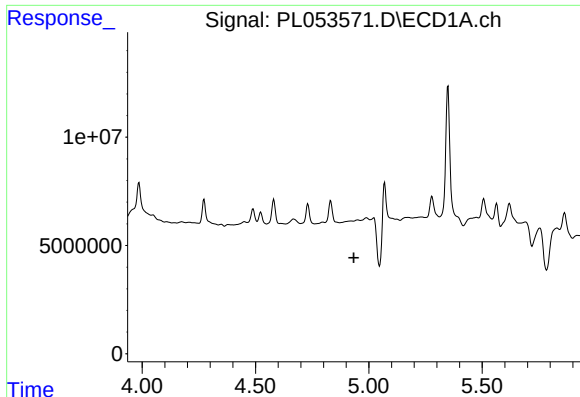
#22 Mirex

R.T.: 7.465 min
Delta R.T.: -0.004 min
Response: 3456890
Conc: 0.40 ng/ml



#22 Mirex

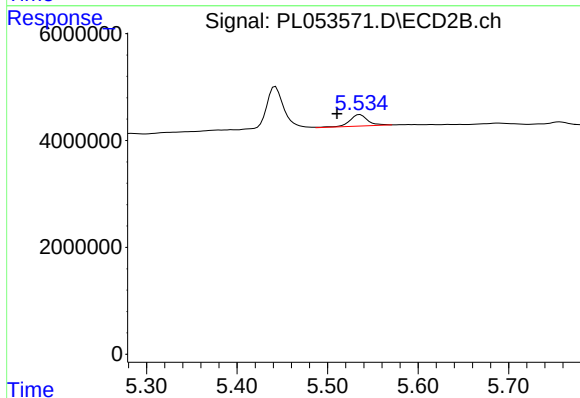
R.T.: 8.256 min
Delta R.T.: 0.017 min
Response: 5495322
Conc: 2.72 ng/ml



#24 Chlordane-2

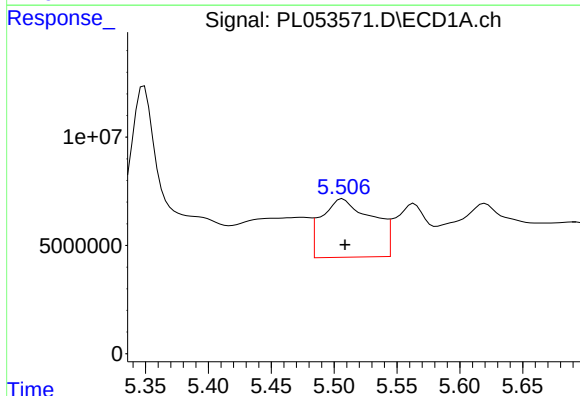
R.T.: 0.000 min
Exp R.T.: 4.934 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



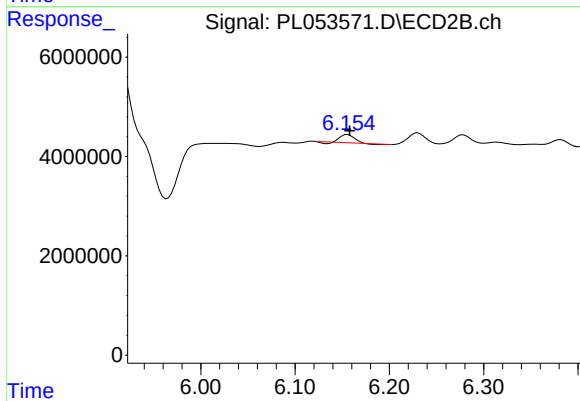
#24 Chlordane-2

R.T.: 5.536 min
Delta R.T.: 0.025 min
Response: 2933502
Conc: 29.87 ng/ml



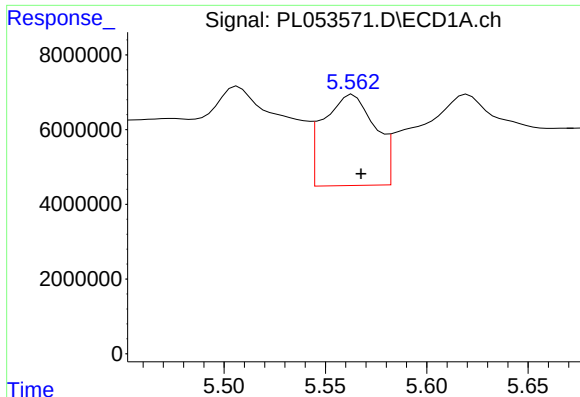
#25 Chlordane-3

R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 76392381
Conc: 66.27 ng/ml



#25 Chlordane-3

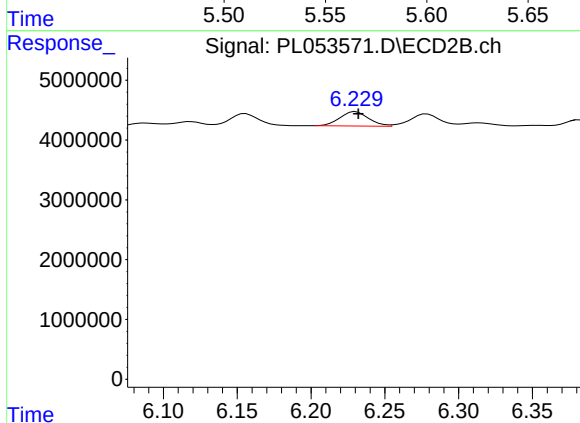
R.T.: 6.156 min
Delta R.T.: -0.003 min
Response: 1449316
Conc: 3.97 ng/ml



#26 Chlordane-4

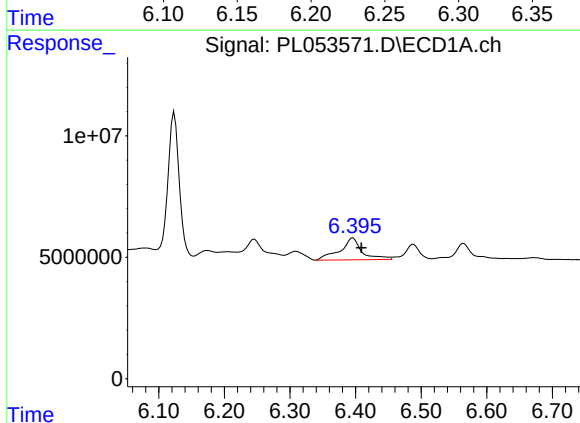
R.T.: 5.564 min
Delta R.T.: -0.004 min
Response: 43554404
Conc: 46.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



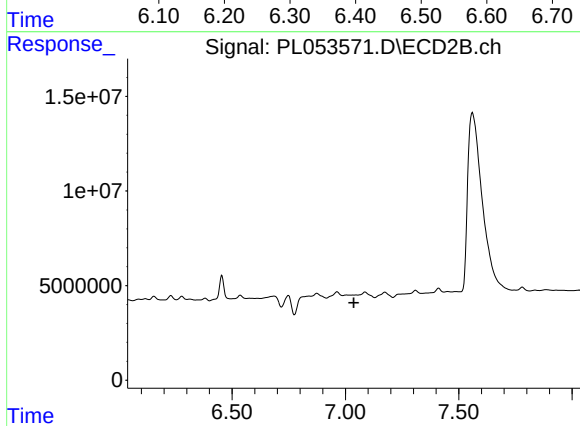
#26 Chlordane-4

R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 3296824
Conc: 7.34 ng/ml



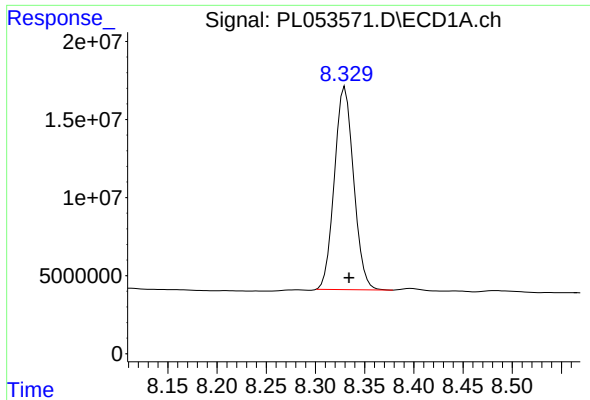
#27 Chlordane-5

R.T.: 6.396 min
Delta R.T.: -0.013 min
Response: 20867695
Conc: 57.09 ng/ml



#27 Chlordane-5

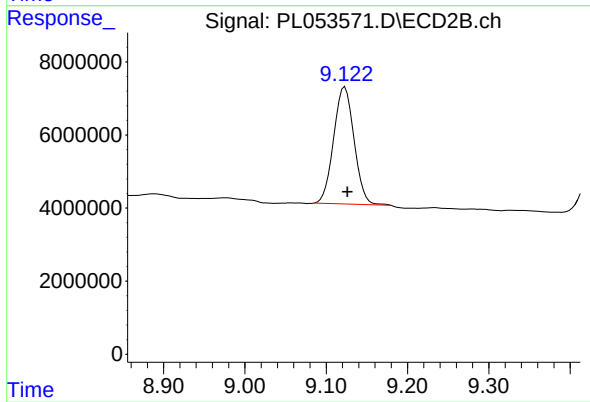
R.T.: 0.000 min
Exp R.T.: 7.037 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.330 min
Delta R.T.: -0.004 min
Response: 176842927
Conc: 18.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: -0.003 min
Response: 55863965
Conc: 19.84 ng/ml