Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020924\
Data File : PD081259.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Feb 2024 16:57
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 09 21:49:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.566	2.795	30428175	54314088	21.435	22.705	
28)	SA Decachlor...	9.112	7.932	41069547	54560919	20.408	20.484	
	Target Compounds							
2)	A alpha-BHC	4.023	3.296	24163979	41680215	9.728	10.862	
3)	MA gamma-BHC...	4.356	3.626	24252535	38555106	9.909	10.312	
5)	MB Aldrin	0.000	4.256	0	2297501	N.D.	0.631	#
6)	B beta-BHC	4.550	3.921	11442513	18448581	11.309	11.806	
7)	B delta-BHC	4.792	0.000	838855	0	0.334	N.D.	#
8)	B Heptachlo...	5.711	0.000	3817248	0	1.705	N.D.	#
9)	A Endosulfan I	6.080f	0.000	731589	0	0.353	N.D.	#
10)	B gamma-Chl...	5.945f	5.004	2141703	1183584	0.978	0.362	#
11)	B alpha-Chl...	6.080f	0.000	731589	0	0.336	N.D.	#
12)	B 4,4'-DDE	6.225	5.252	331582	705784	0.163	0.230	#
13)	MA Dieldrin	6.401f	0.000	744007	0	0.337	N.D.	#
14)	MA Endrin	6.612	5.657	82629167	143.3E6	44.240	48.353	
15)	B Endosulfa...	6.843	5.965	1296232	1167092	0.669	0.406	#
16)	A 4,4'-DDD	6.743	5.804	3793161	6619928	2.309	2.522	
17)	MA 4,4'-DDT	7.058	6.055	169.2E6	266.6E6	95.036	100.489	
18)	B Endrin al...	6.959	6.130	3566616	6395721	2.345	2.837	
19)	B Endosulfa...	0.000	6.340	0	247105	N.D.	0.089	#
20)	A Methoxychlor	7.532	6.629	223.5E6	327.6E6	217.188	209.270	
21)	B Endrin ke...	7.681	6.857	7306011	13100150	3.494	4.060	
22)	Mirex	0.000	7.055	0	495804	N.D.	0.197	#
24)	Chlordane-2	0.000	4.381	0	1947427	N.D.	15.888	#
25)	Chlordane-3	6.002f	5.004	991791	1183584	3.141	3.527	
26)	Chlordane-4	6.080f	0.000	731589	0	1.921	N.D.	#
27)	Chlordane-5	0.000	5.965	0	1167092	N.D.	9.626	#

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

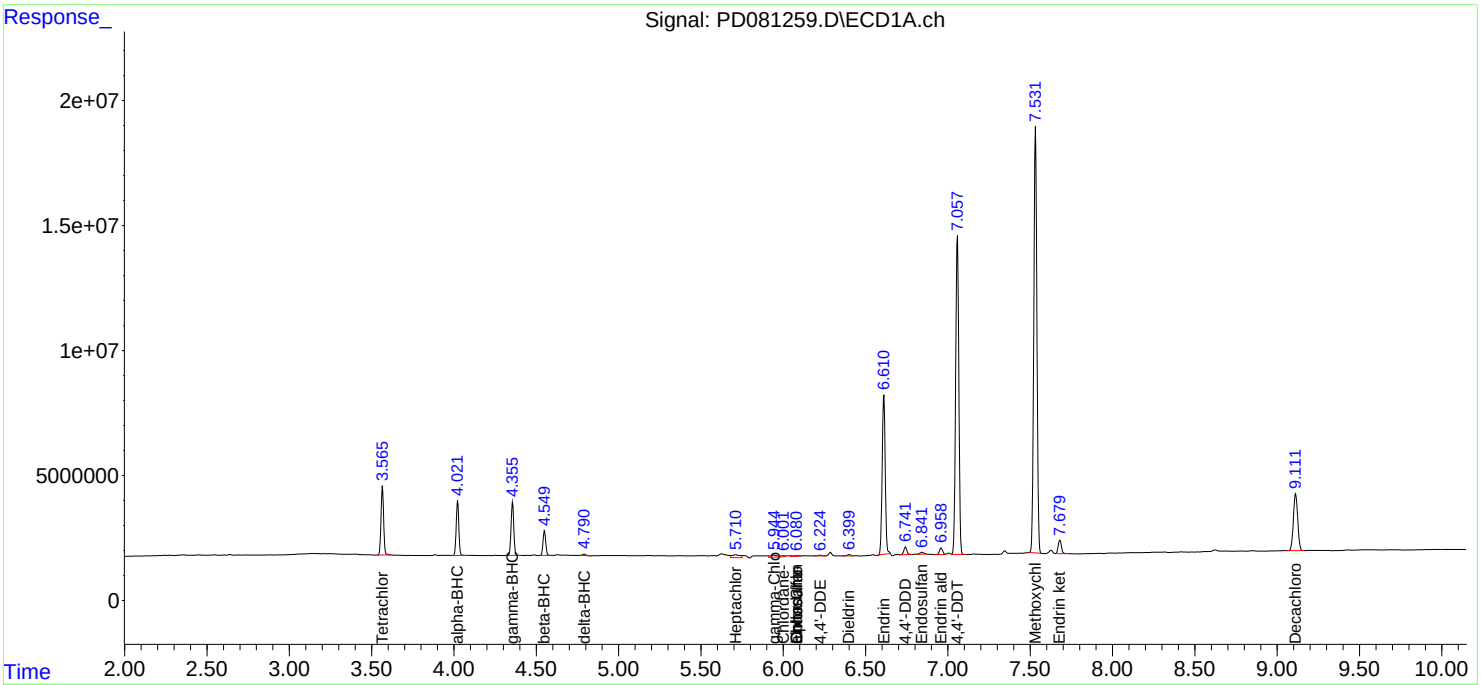
Quantitation Report (Not Reviewed)

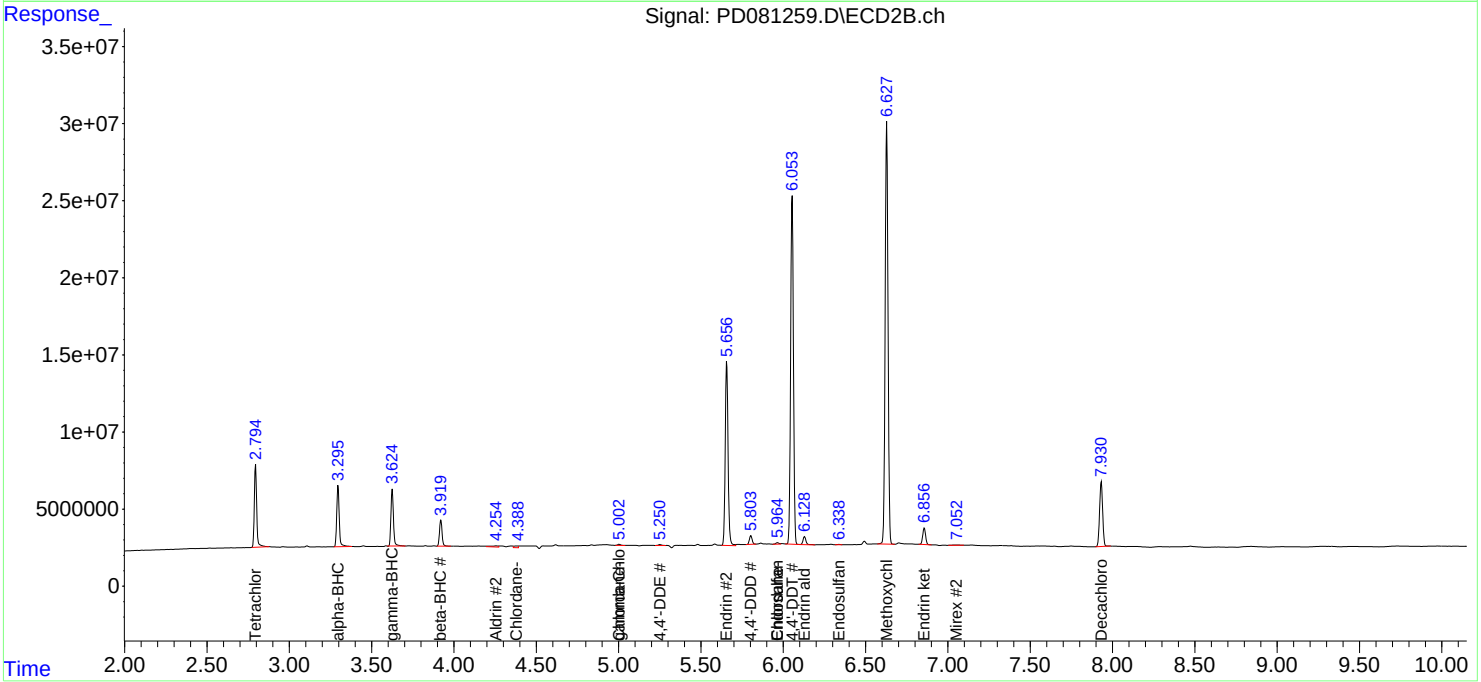
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020924\
Data File : PD081259.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Feb 2024 16:57
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

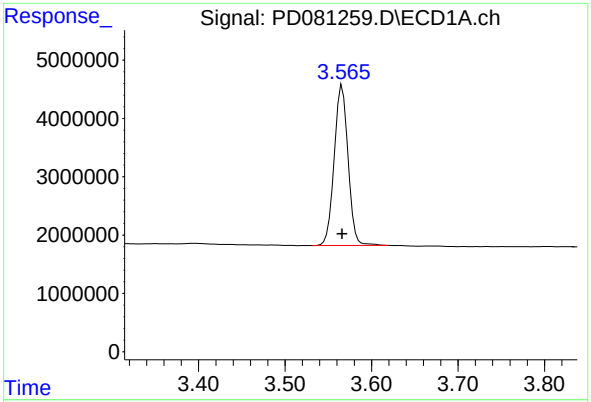
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 09 21:49:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



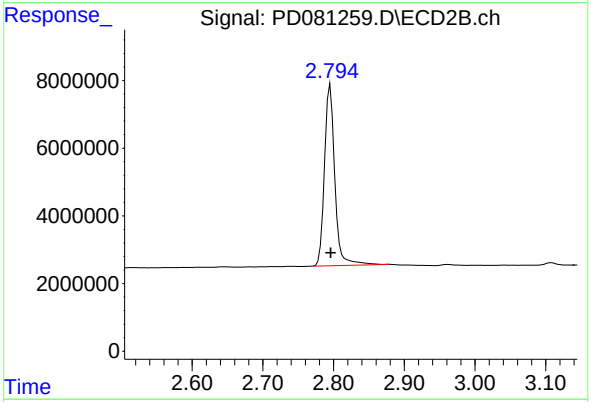




#1 Tetrachloro-m-xylene

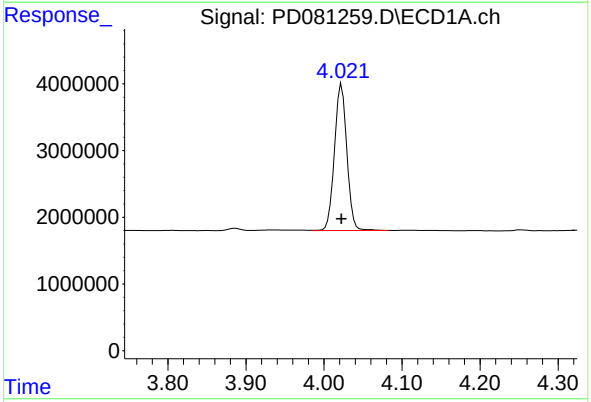
R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 30428175
Conc: 21.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



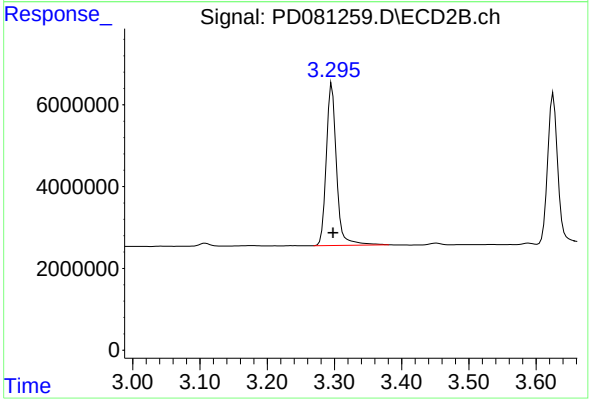
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: 0.000 min
Response: 54314088
Conc: 22.71 ng/ml



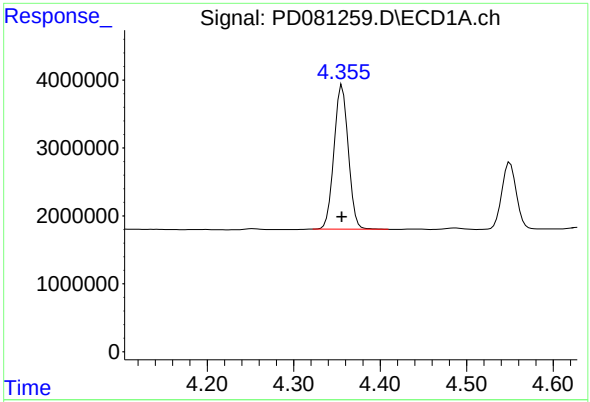
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 24163979
Conc: 9.73 ng/ml



#2 alpha-BHC

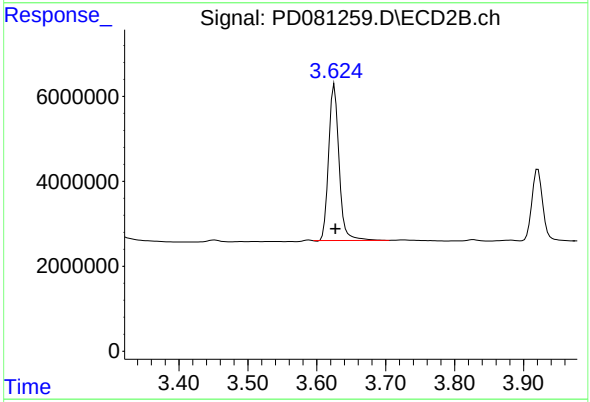
R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 41680215
Conc: 10.86 ng/ml



#3 gamma-BHC (Lindane)

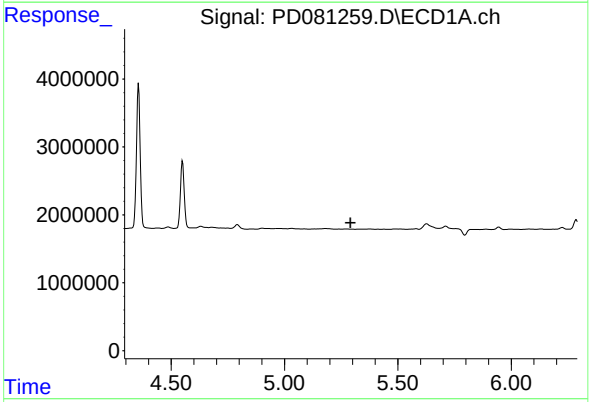
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 24252535
Conc: 9.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



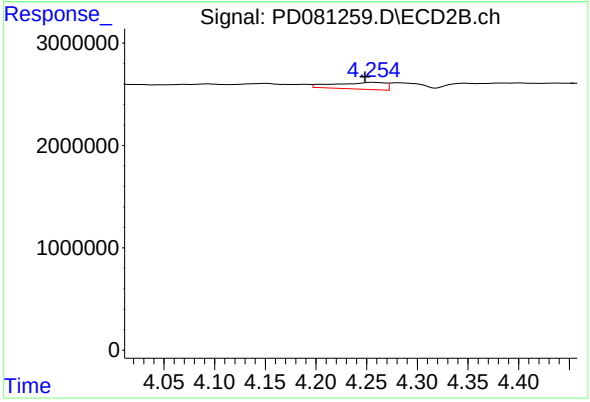
#3 gamma-BHC (Lindane)

R.T.: 3.626 min
Delta R.T.: -0.001 min
Response: 38555106
Conc: 10.31 ng/ml



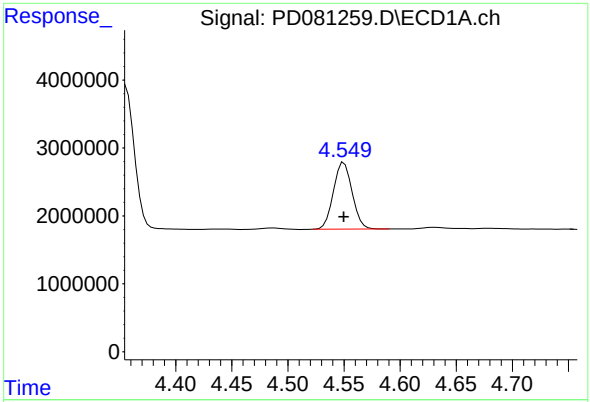
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.292 min
Response: 0
Conc: N.D.



#5 Aldrin

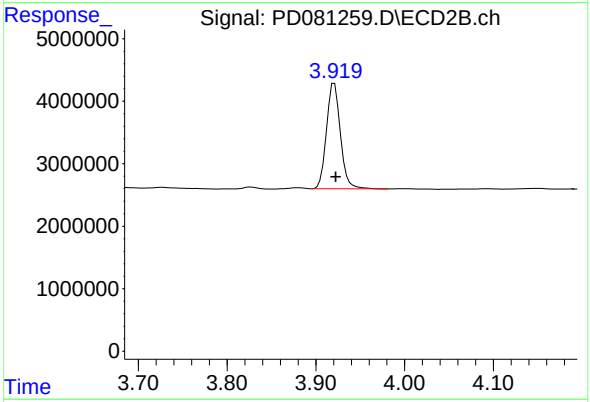
R.T.: 4.256 min
Delta R.T.: 0.007 min
Response: 2297501
Conc: 0.63 ng/ml



#6 beta-BHC

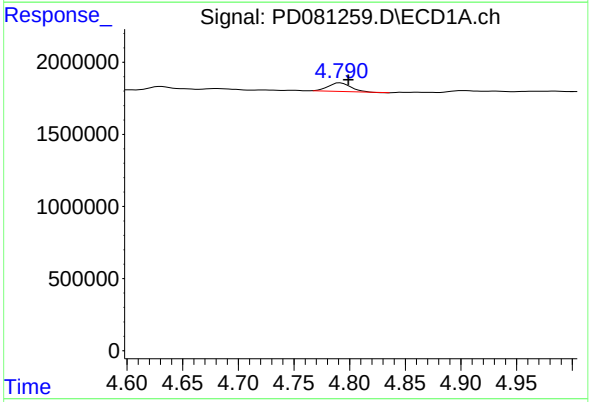
R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 11442513
Conc: 11.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



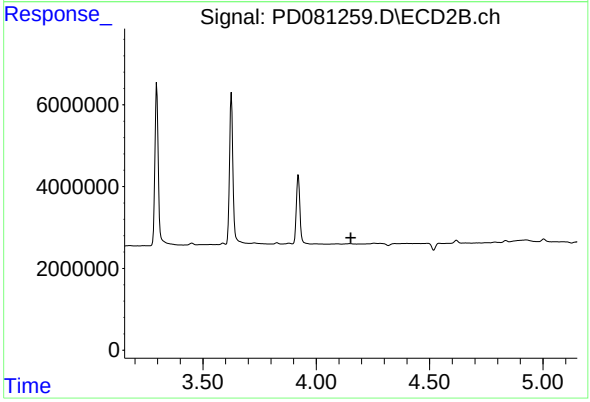
#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.001 min
Response: 18448581
Conc: 11.81 ng/ml



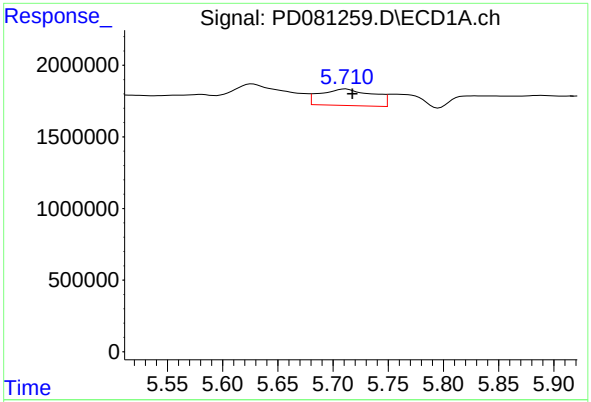
#7 delta-BHC

R.T.: 4.792 min
Delta R.T.: -0.007 min
Response: 838855
Conc: 0.33 ng/ml



#7 delta-BHC

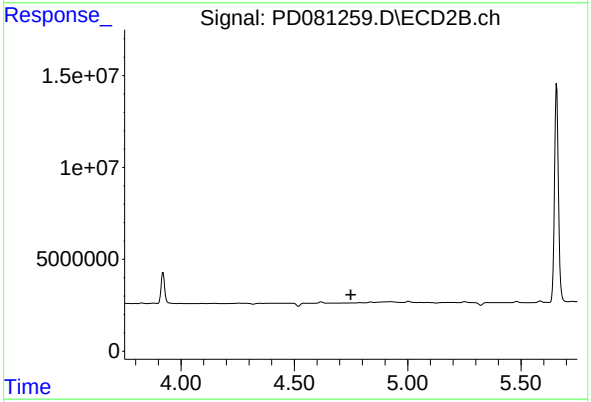
R.T.: 0.000 min
Exp R.T. : 4.153 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

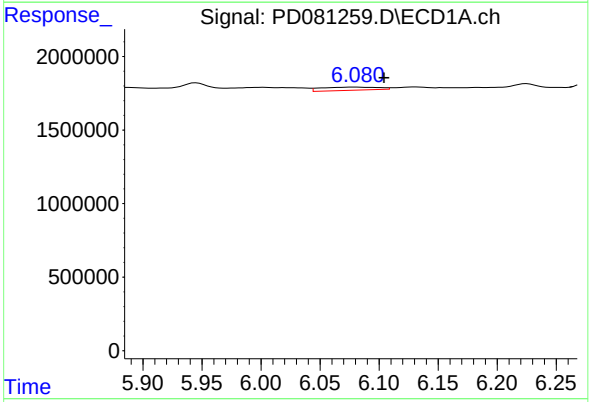
R.T.: 5.711 min
Delta R.T.: -0.006 min
Response: 3817248
Conc: 1.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



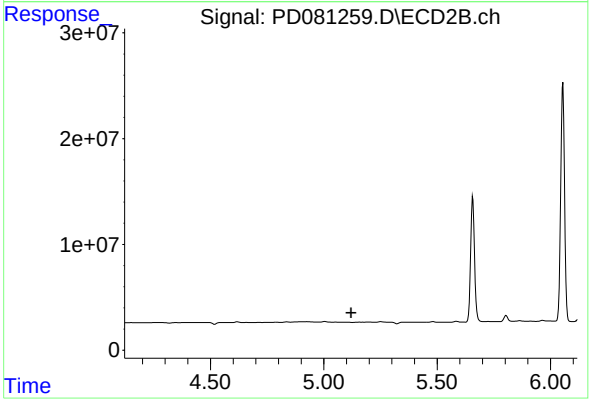
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.750 min
Response: 0
Conc: N.D.



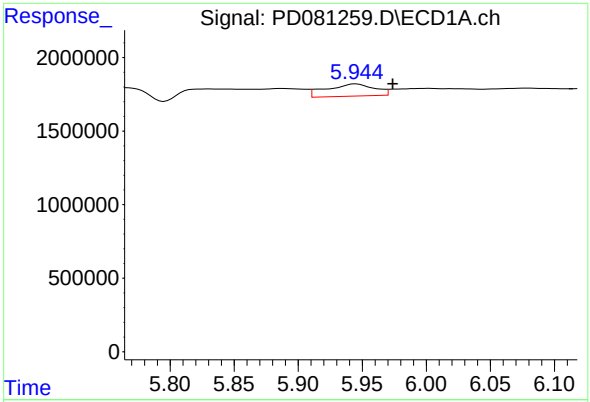
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: -0.024 min
Response: 731589
Conc: 0.35 ng/ml



#9 Endosulfan I

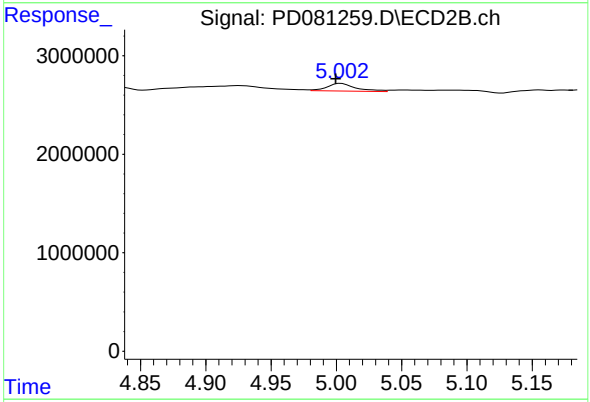
R.T.: 0.000 min
Exp R.T. : 5.120 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

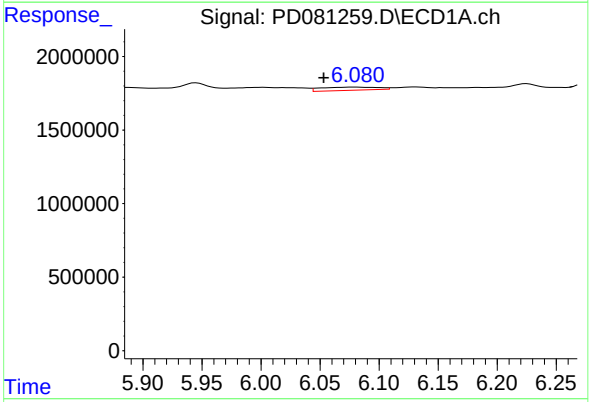
R.T.: 5.945 min
Delta R.T.: -0.028 min
Response: 2141703
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



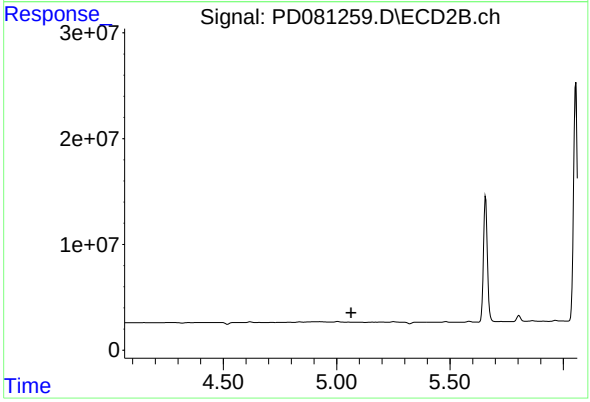
#10 gamma-Chlordane

R.T.: 5.004 min
Delta R.T.: 0.004 min
Response: 1183584
Conc: 0.36 ng/ml



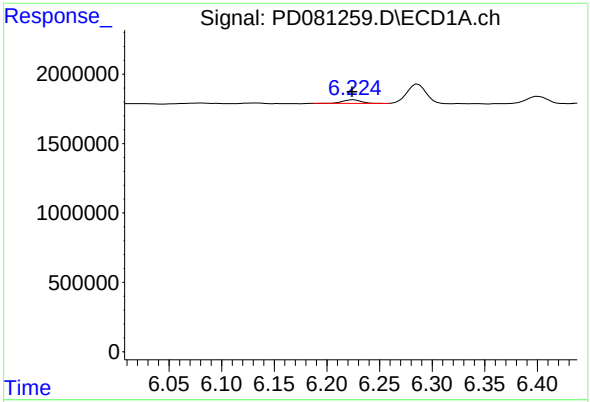
#11 alpha-Chlordane

R.T.: 6.080 min
Delta R.T.: 0.027 min
Response: 731589
Conc: 0.34 ng/ml



#11 alpha-Chlordane

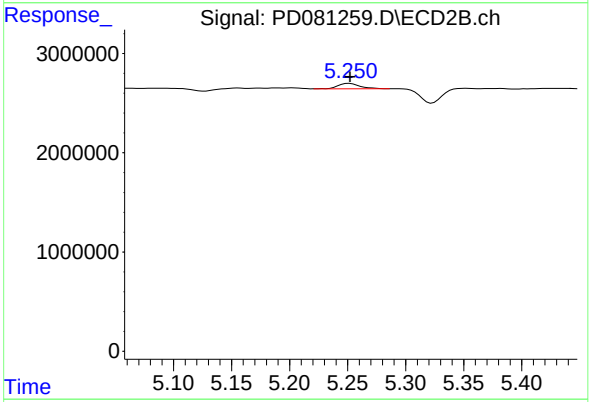
R.T.: 0.000 min
Exp R.T. : 5.064 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

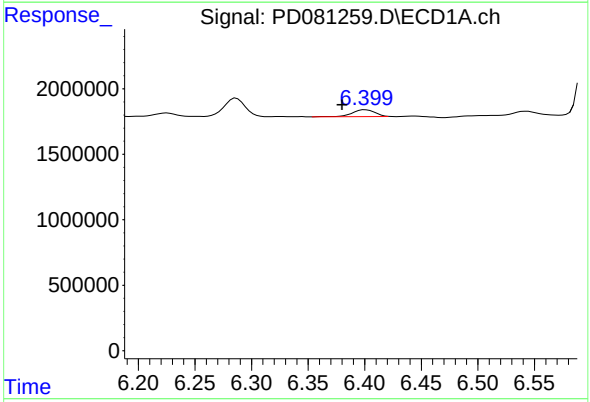
R.T.: 6.225 min
Delta R.T.: 0.001 min
Response: 331582
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



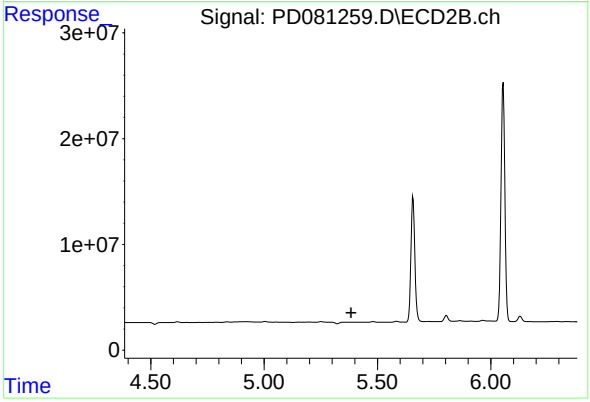
#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 705784
Conc: 0.23 ng/ml



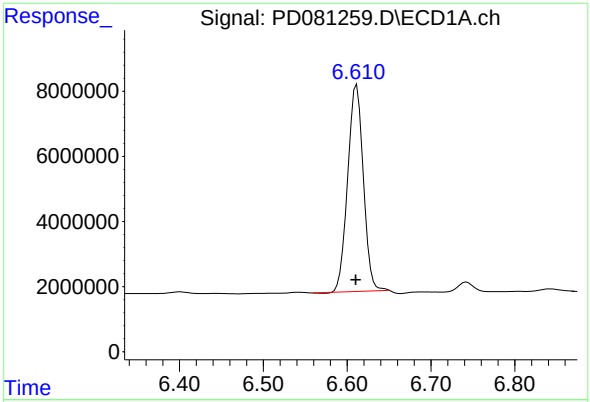
#13 Dieldrin

R.T.: 6.401 min
Delta R.T.: 0.021 min
Response: 744007
Conc: 0.34 ng/ml



#13 Dieldrin

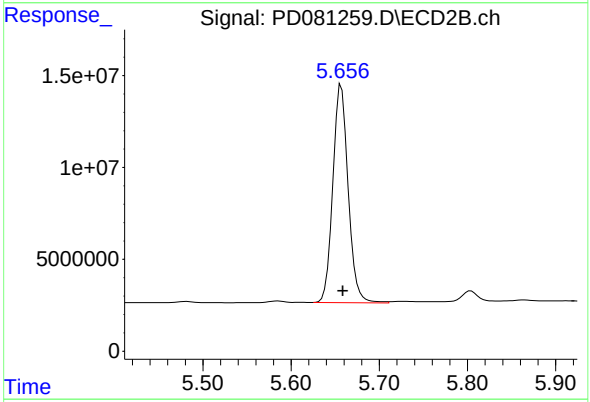
R.T.: 0.000 min
Exp R.T. : 5.384 min
Response: 0
Conc: N.D.



#14 Endrin

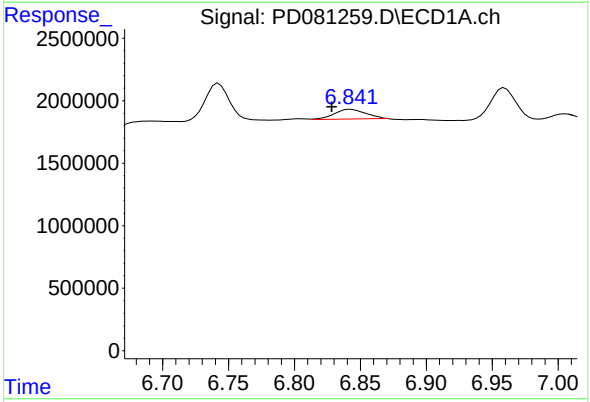
R.T.: 6.612 min
Delta R.T.: 0.001 min
Response: 82629167
Conc: 44.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



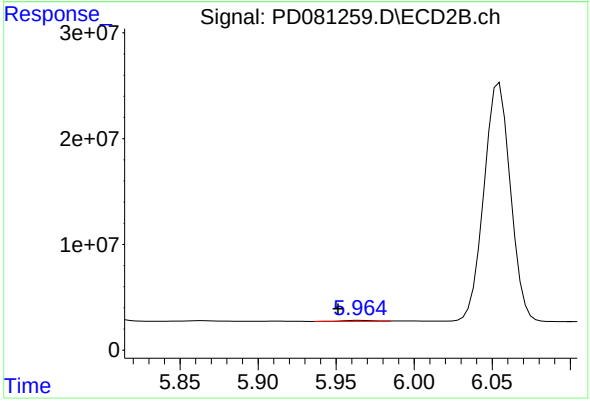
#14 Endrin

R.T.: 5.657 min
Delta R.T.: -0.002 min
Response: 143288968
Conc: 48.35 ng/ml



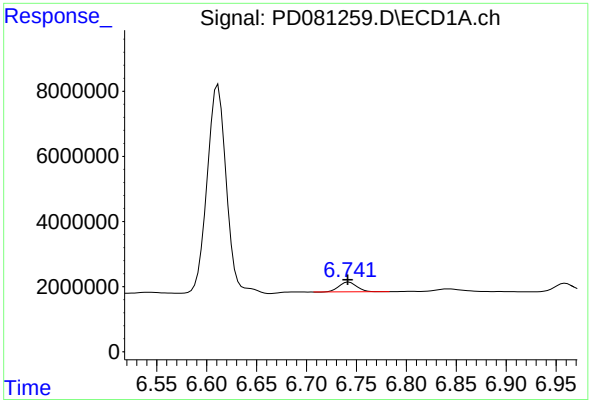
#15 Endosulfan II

R.T.: 6.843 min
Delta R.T.: 0.014 min
Response: 1296232
Conc: 0.67 ng/ml



#15 Endosulfan II

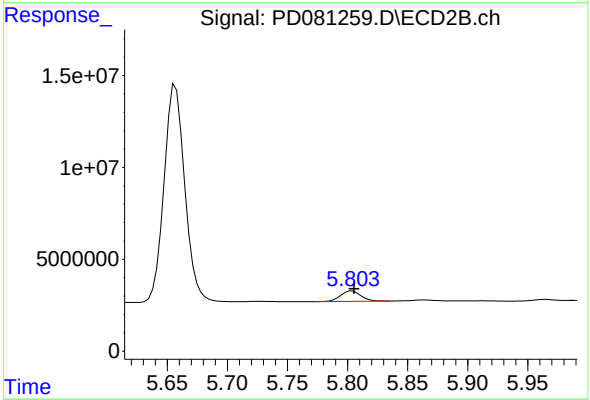
R.T.: 5.965 min
Delta R.T.: 0.014 min
Response: 1167092
Conc: 0.41 ng/ml



#16 4,4'-DDD

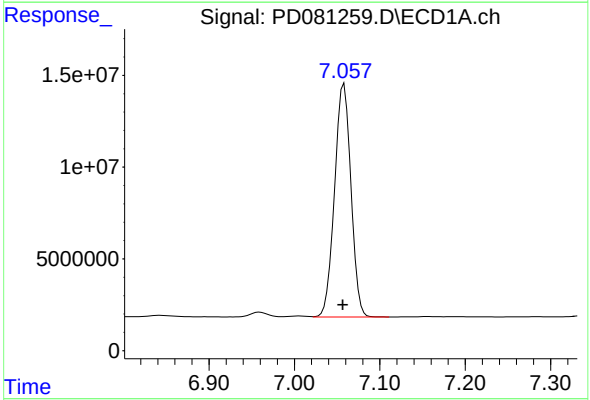
R.T.: 6.743 min
Delta R.T.: 0.001 min
Response: 3793161
Conc: 2.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



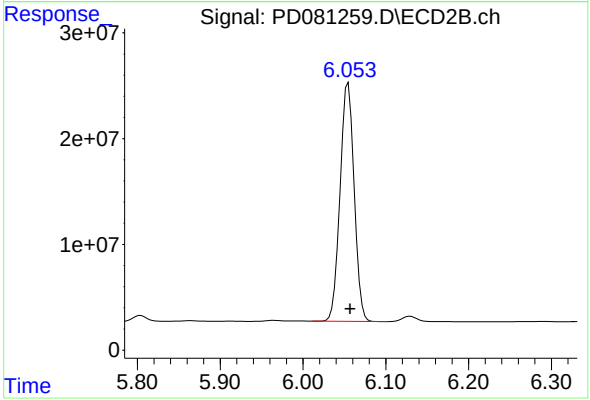
#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: -0.002 min
Response: 6619928
Conc: 2.52 ng/ml



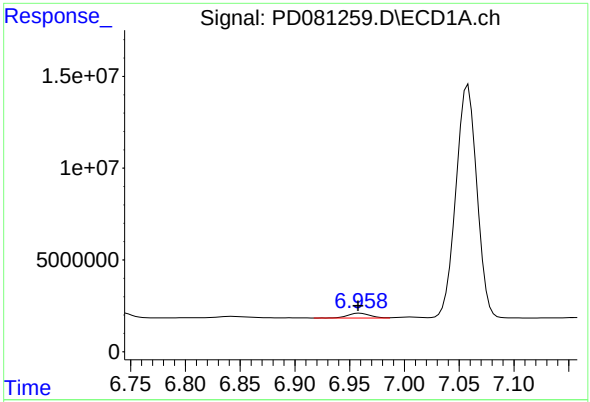
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.001 min
Response: 169248643
Conc: 95.04 ng/ml



#17 4,4'-DDT

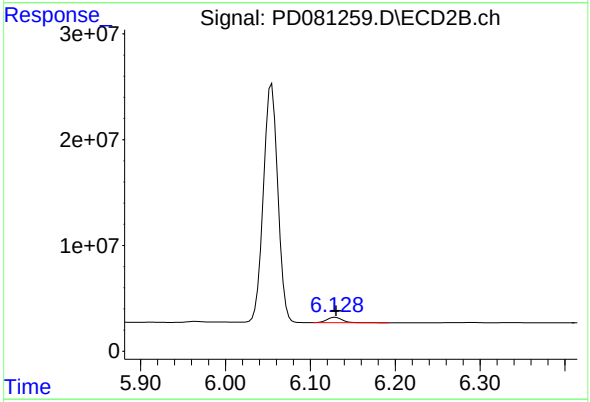
R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 266603170
Conc: 100.49 ng/ml



#18 Endrin aldehyde

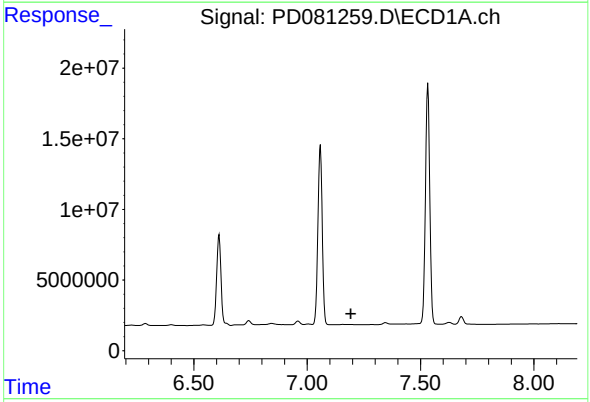
R.T.: 6.959 min
Delta R.T.: 0.002 min
Response: 3566616
Conc: 2.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



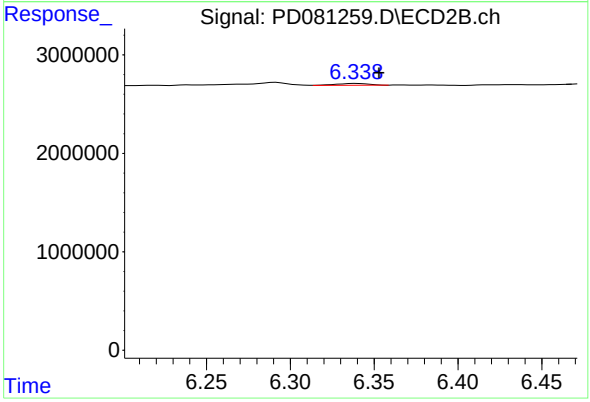
#18 Endrin aldehyde

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 6395721
Conc: 2.84 ng/ml



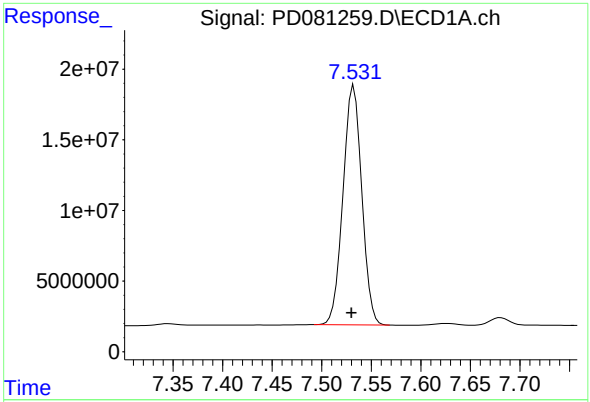
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.192 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

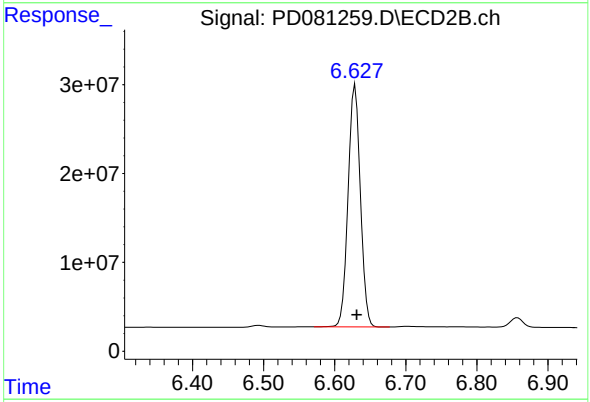
R.T.: 6.340 min
Delta R.T.: -0.013 min
Response: 247105
Conc: 0.09 ng/ml



#20 Methoxychlor

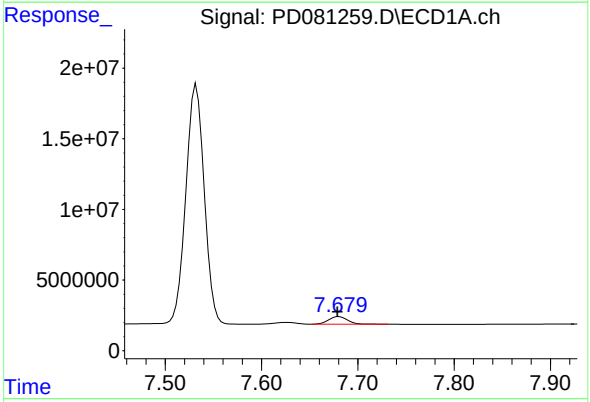
R.T.: 7.532 min
Delta R.T.: 0.002 min
Response: 223546861
Conc: 217.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



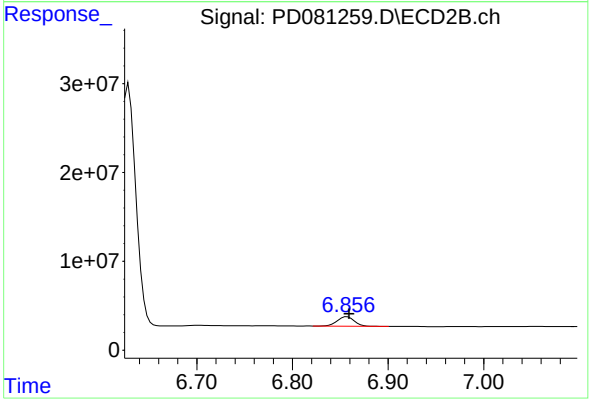
#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 327561409
Conc: 209.27 ng/ml



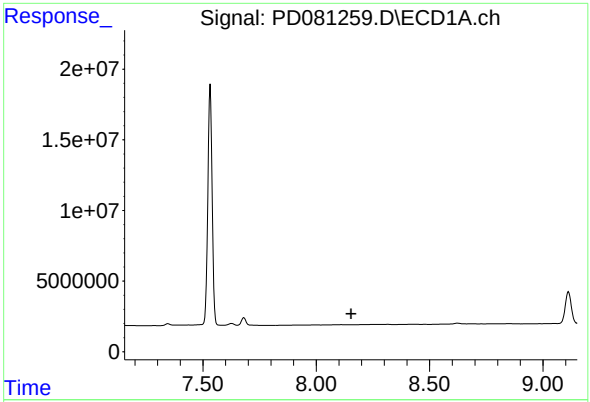
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.002 min
Response: 7306011
Conc: 3.49 ng/ml



#21 Endrin ketone

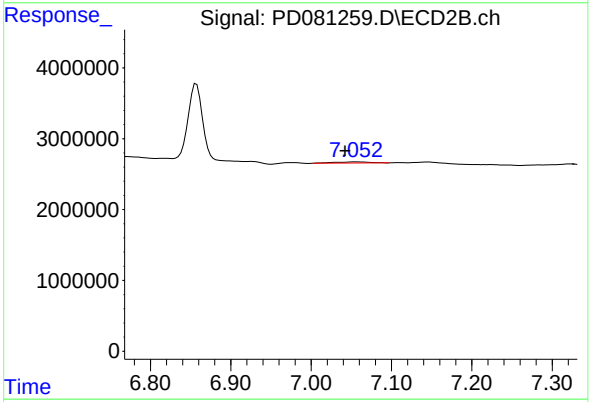
R.T.: 6.857 min
Delta R.T.: -0.002 min
Response: 13100150
Conc: 4.06 ng/ml



#22 Mirex

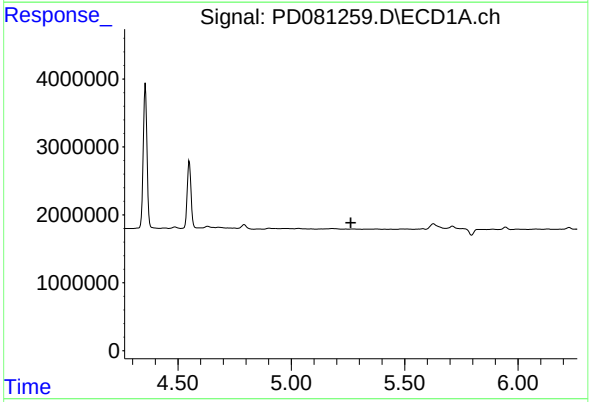
R.T.: 0.000 min
Exp R.T. : 8.154 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



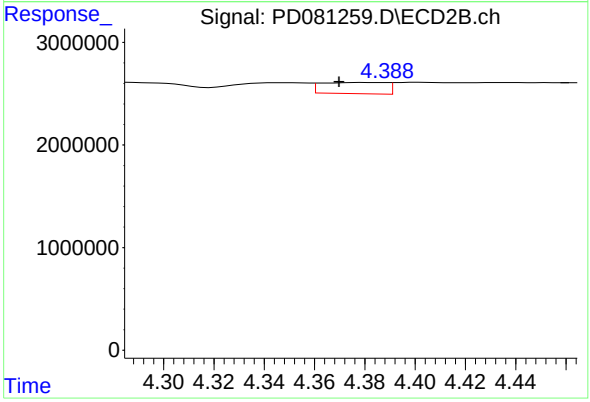
#22 Mirex

R.T.: 7.055 min
Delta R.T.: 0.013 min
Response: 495804
Conc: 0.20 ng/ml



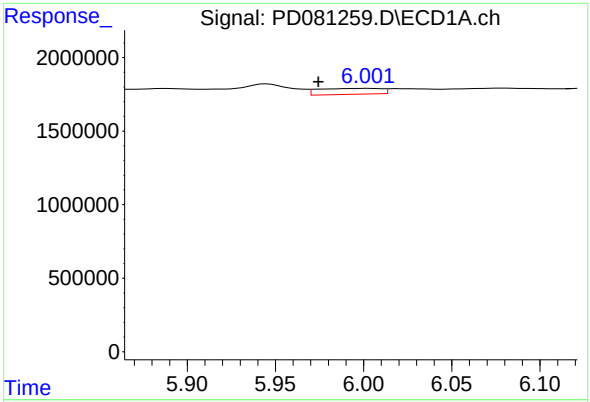
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.263 min
Response: 0
Conc: N.D.



#24 Chlordane-2

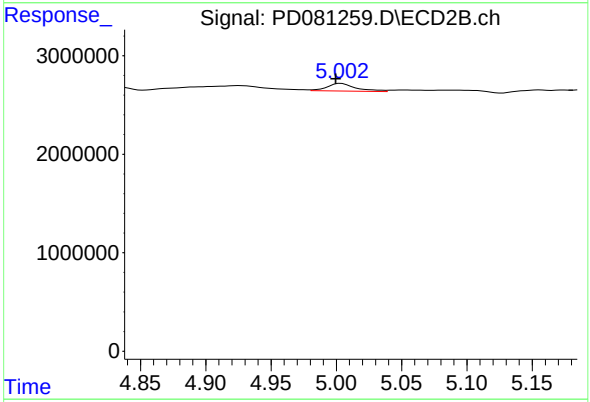
R.T.: 4.381 min
Delta R.T.: 0.012 min
Response: 1947427
Conc: 15.89 ng/ml



#25 Chlordane-3

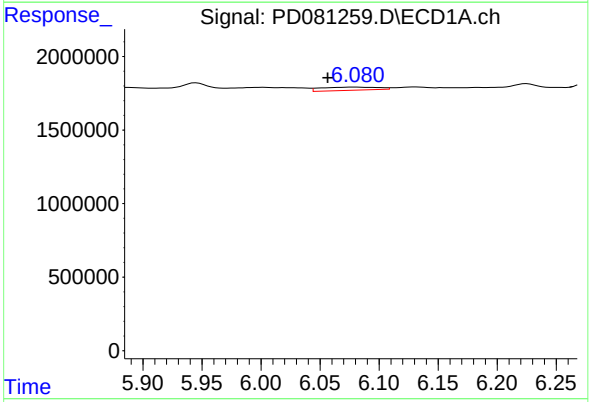
R.T.: 6.002 min
Delta R.T.: 0.028 min
Response: 991791
Conc: 3.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



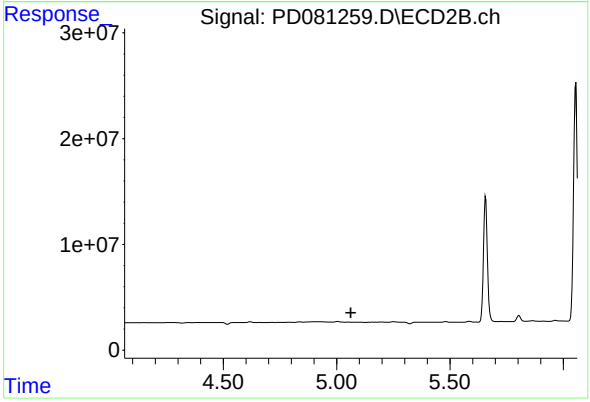
#25 Chlordane-3

R.T.: 5.004 min
Delta R.T.: 0.004 min
Response: 1183584
Conc: 3.53 ng/ml



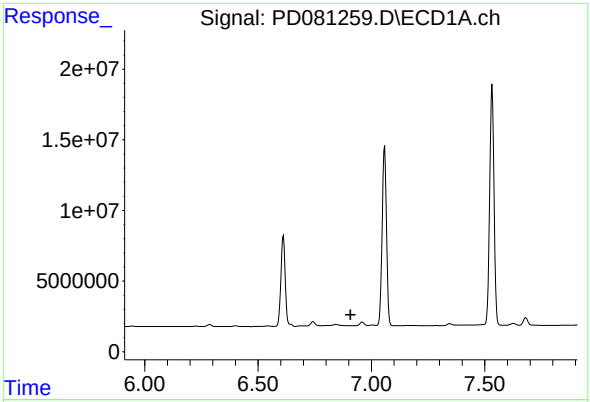
#26 Chlordane-4

R.T.: 6.080 min
Delta R.T.: 0.023 min
Response: 731589
Conc: 1.92 ng/ml



#26 Chlordane-4

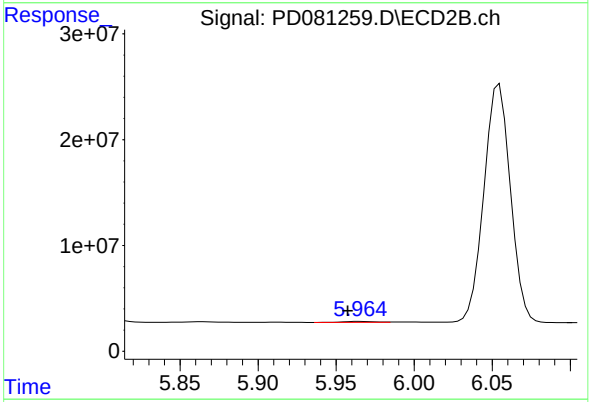
R.T.: 0.000 min
Exp R.T. : 5.063 min
Response: 0
Conc: N.D.



#27 Chlordane-5

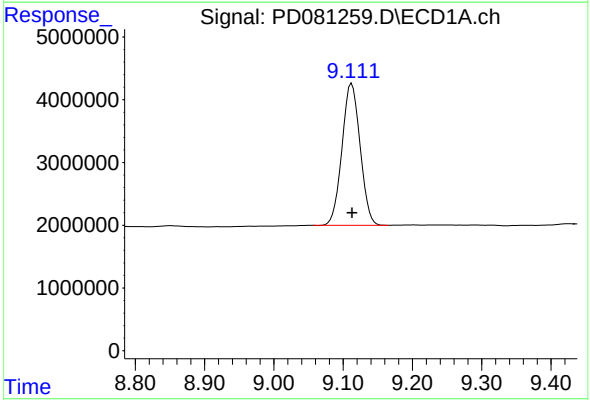
R.T.: 0.000 min
Exp R.T. : 6.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



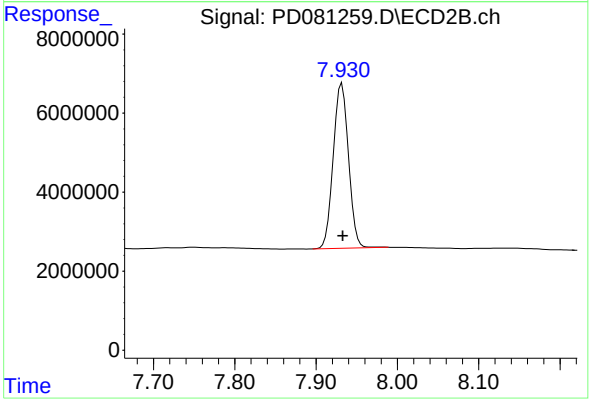
#27 Chlordane-5

R.T.: 5.965 min
Delta R.T.: 0.008 min
Response: 1167092
Conc: 9.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 41069547
Conc: 20.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: -0.001 min
Response: 54560919
Conc: 20.48 ng/ml