Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020924\
Data File : PD081251.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Feb 2024 09:20
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 21:37:56 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	31371769	55770590	22.100	23.314	
28)	SA Decachlor...	9.112	7.931	42810946	58030104	21.273	21.786	
	Target Compounds							
2)	A alpha-BHC	4.023	3.296	24908234	42250606	10.028	11.011	
3)	MA gamma-BHC...	4.356	3.625	24833327	39346698	10.146	10.524	
5)	MB Aldrin	0.000	4.256	0	1970447	N.D.	0.541	#
6)	B beta-BHC	4.551	3.921	11690312	18702635	11.553	11.969	
7)	B delta-BHC	4.793	4.150	827190	686262	0.330	0.183	#
8)	B Heptachlo...	5.708	0.000	2535448	0	1.132	N.D.	#
9)	A Endosulfan I	6.075f	5.148f	738461	72675	0.356	0.024	#
10)	B gamma-Chl...	5.946f	5.004	2840738	2191919	1.298	0.670	#
11)	B alpha-Chl...	6.075f	0.000	738461	0	0.339	N.D.	#
12)	B 4,4'-DDE	6.225	5.252	353204	2911410	0.174	0.950	#
13)	MA Dieldrin	6.401f	0.000	1030000	0	0.466	N.D.	#
14)	MA Endrin	6.611	5.657	84357628	143.9E6	45.165	48.573	
15)	B Endosulfa...	6.844f	5.965	1399221	1259228	0.723	0.438	#
16)	A 4,4'-DDD	6.743	5.804	4028530	6684551	2.452	2.546	
17)	MA 4,4'-DDT	7.059	6.054	172.4E6	271.0E6	96.830	102.153	
18)	B Endrin al...	6.960	6.129	3856357	6682013	2.535	2.964	
19)	B Endosulfa...	0.000	6.340	0	329803	N.D.	0.118	#
20)	A Methoxychlor	7.533	6.629	220.9E6	336.0E6	214.588	214.638	
21)	B Endrin ke...	7.681	6.857	8016366	14294949	3.833	4.430	
22)	Mirex	0.000	7.041	0	312251	N.D.	0.124	#
24)	Chlordane-2	0.000	4.376	0	1777083	N.D.	14.498	#
25)	Chlordane-3	5.946f	5.004	2840738	2191919	8.996	6.531	#
26)	Chlordane-4	6.075f	0.000	738461	0	1.940	N.D.	#
27)	Chlordane-5	0.000	5.965	0	1259228	N.D.	10.386	#

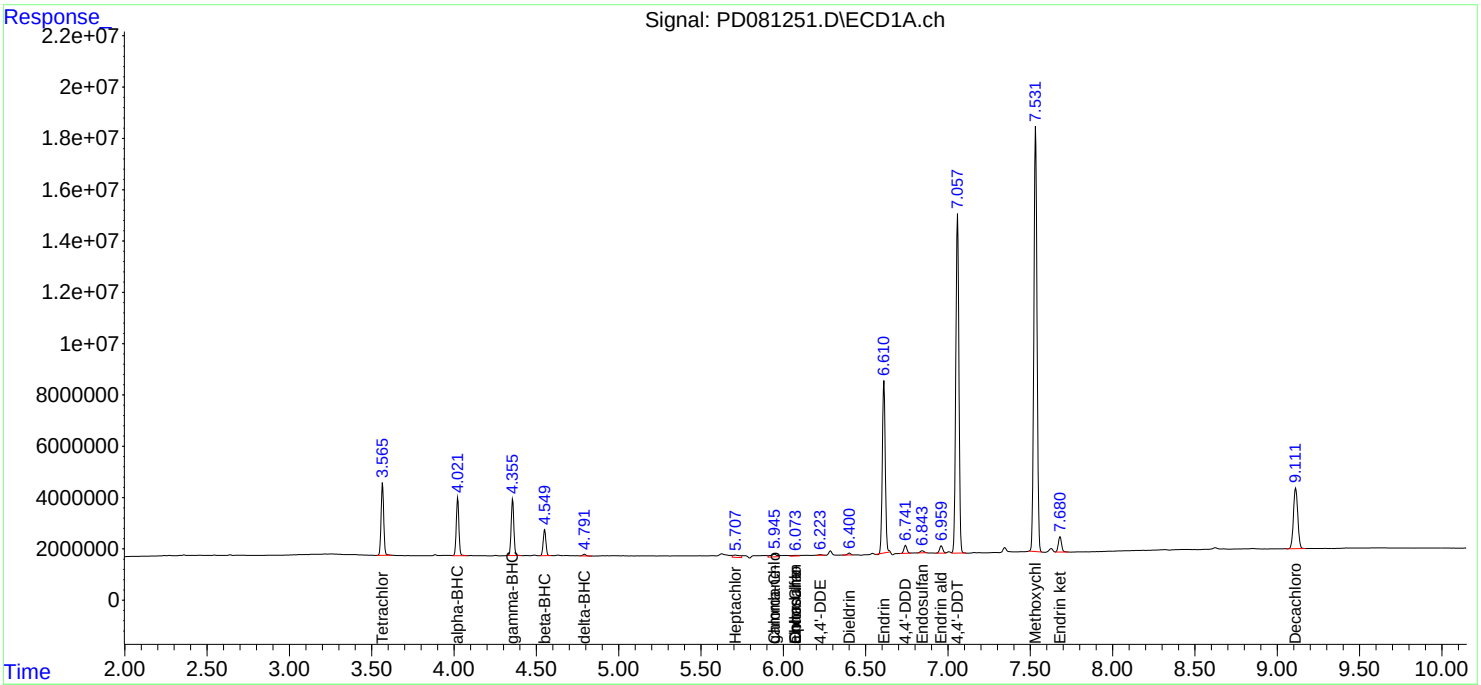
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

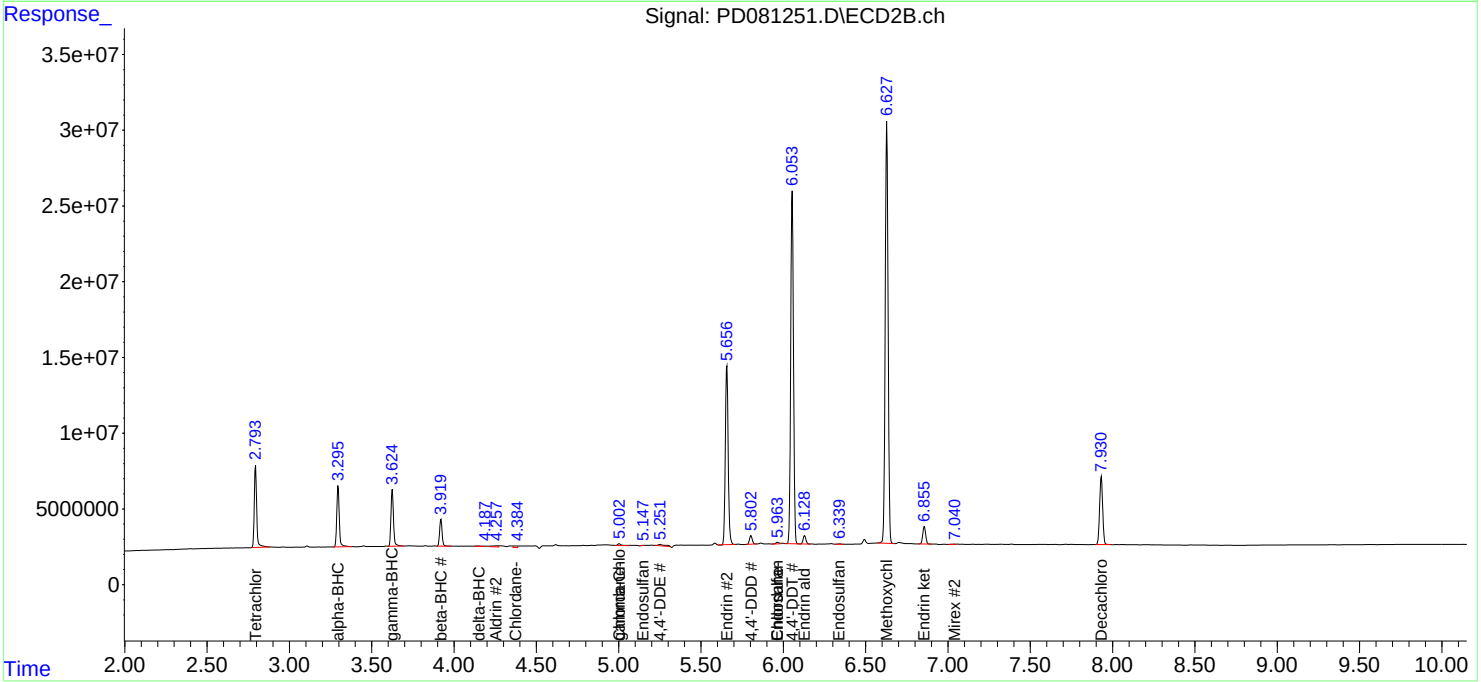
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020924\
Data File : PD081251.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Feb 2024 09:20
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

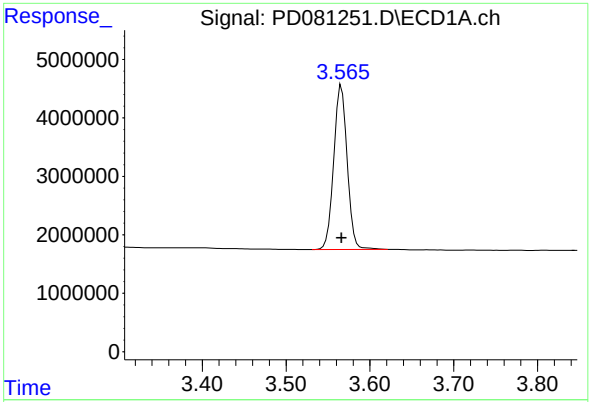
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 09 21:37:56 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



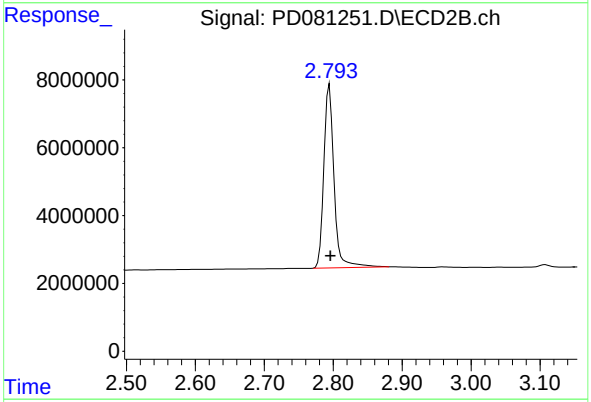




#1 Tetrachloro-m-xylene

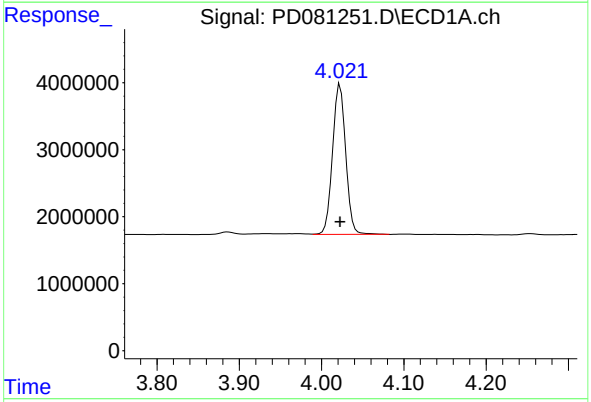
R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 31371769
Conc: 22.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



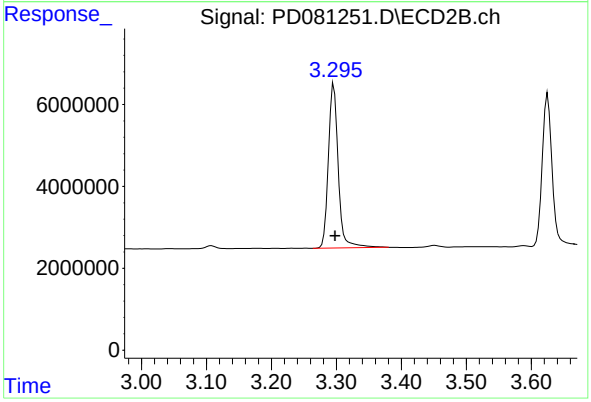
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: -0.001 min
Response: 55770590
Conc: 23.31 ng/ml



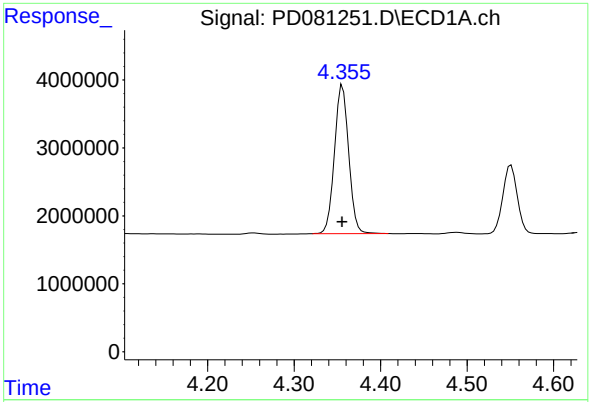
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 24908234
Conc: 10.03 ng/ml



#2 alpha-BHC

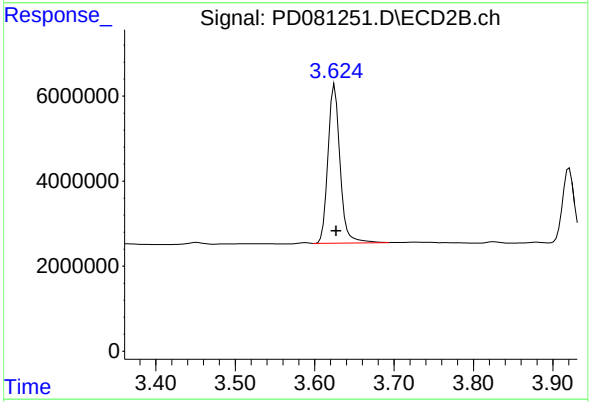
R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 42250606
Conc: 11.01 ng/ml



#3 gamma-BHC (Lindane)

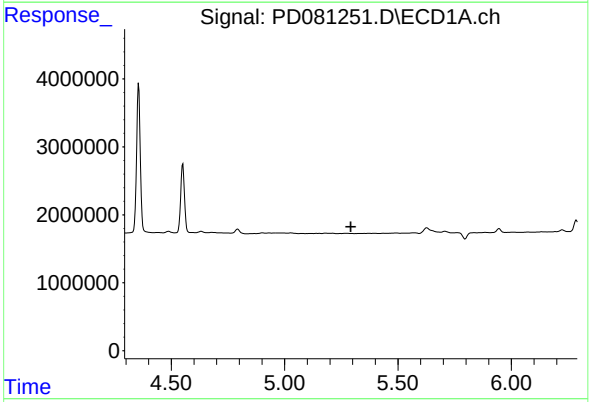
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 24833327
Conc: 10.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



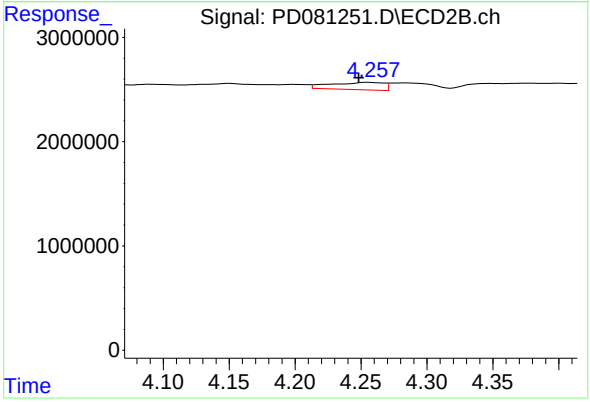
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 39346698
Conc: 10.52 ng/ml



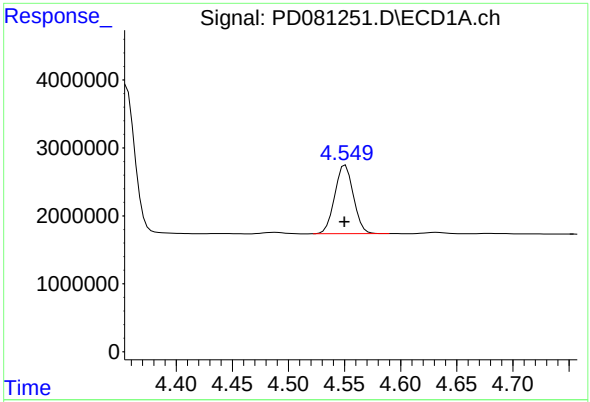
#5 Aldrin

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



#5 Aldrin

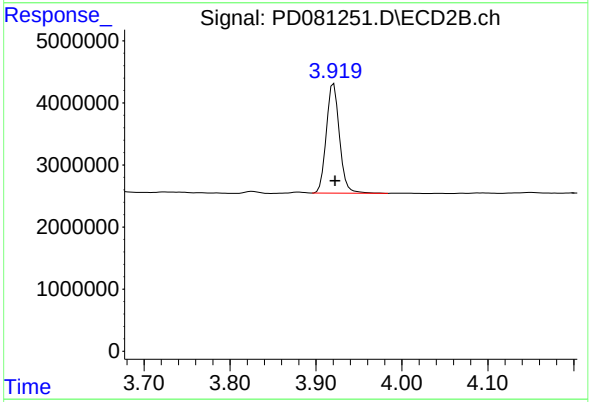
R.T.: 4.256 min
Delta R.T.: 0.008 min
Response: 1970447
Conc: 0.54 ng/ml



#6 beta-BHC

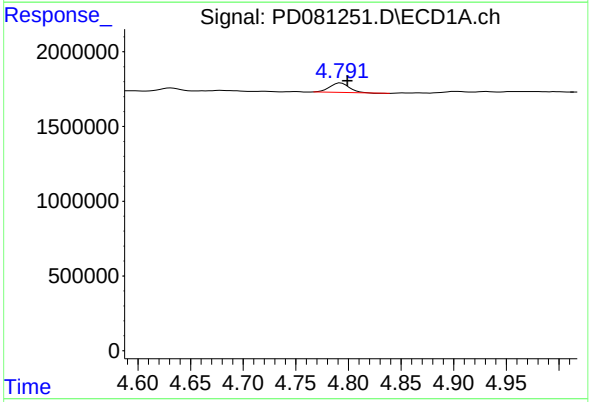
R.T.: 4.551 min
Delta R.T.: 0.001 min
Response: 11690312
Conc: 11.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



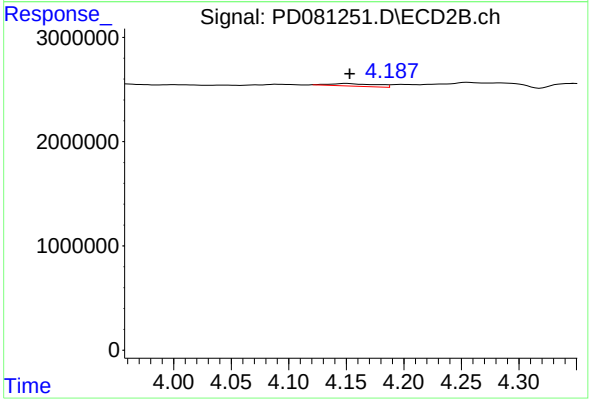
#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.002 min
Response: 18702635
Conc: 11.97 ng/ml



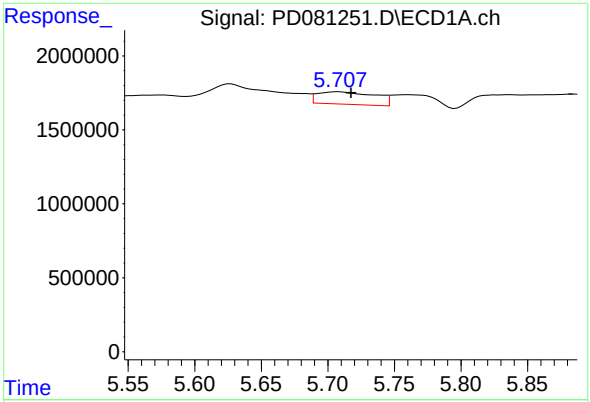
#7 delta-BHC

R.T.: 4.793 min
Delta R.T.: -0.006 min
Response: 827190
Conc: 0.33 ng/ml



#7 delta-BHC

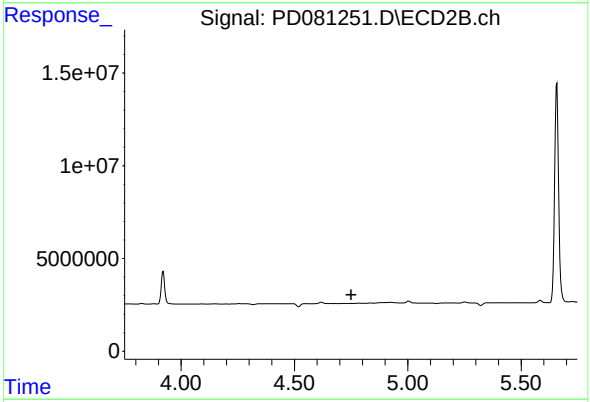
R.T.: 4.150 min
Delta R.T.: -0.003 min
Response: 686262
Conc: 0.18 ng/ml



#8 Heptachlor epoxide

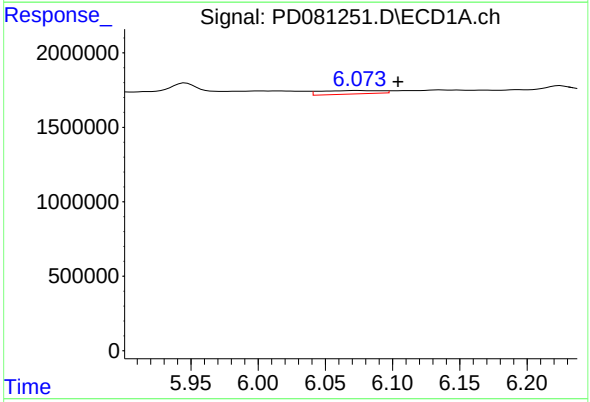
R.T.: 5.708 min
Delta R.T.: -0.010 min
Response: 2535448
Conc: 1.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



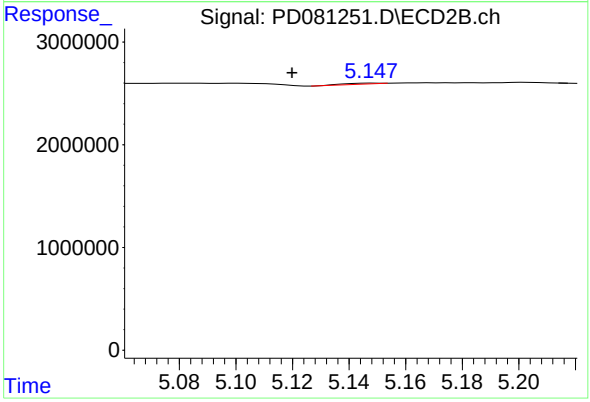
#8 Heptachlor epoxide

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



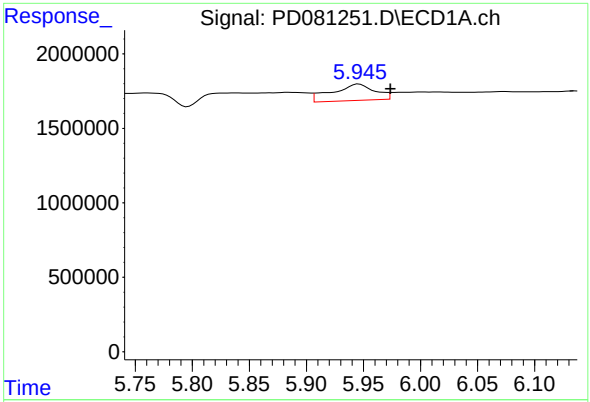
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: -0.029 min
Response: 738461
Conc: 0.36 ng/ml



#9 Endosulfan I

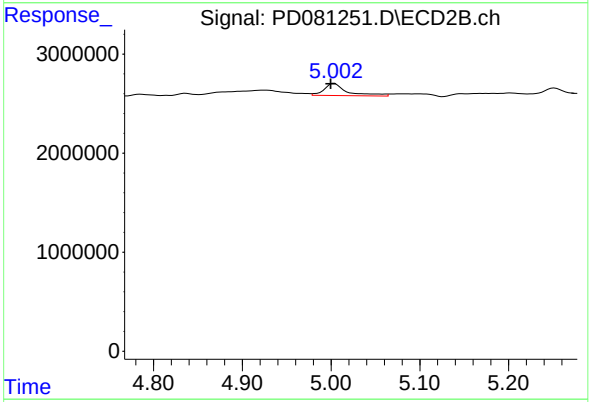
R.T.: 5.148 min
Delta R.T.: 0.028 min
Response: 72675
Conc: 0.02 ng/ml



#10 gamma-Chlordane

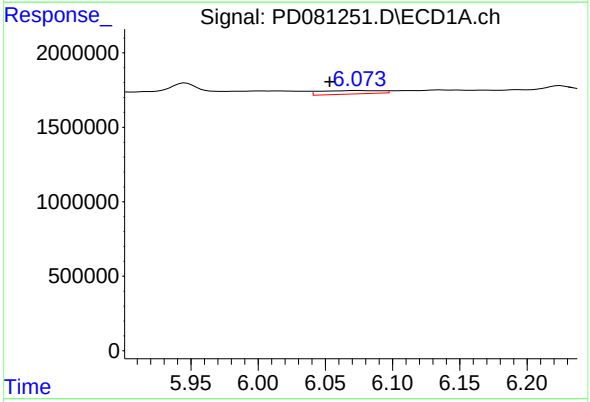
R.T.: 5.946 min
Delta R.T.: -0.028 min
Response: 2840738
Conc: 1.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



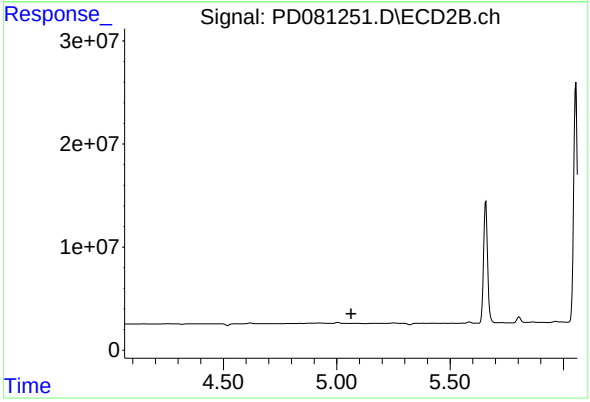
#10 gamma-Chlordane

R.T.: 5.004 min
Delta R.T.: 0.004 min
Response: 2191919
Conc: 0.67 ng/ml



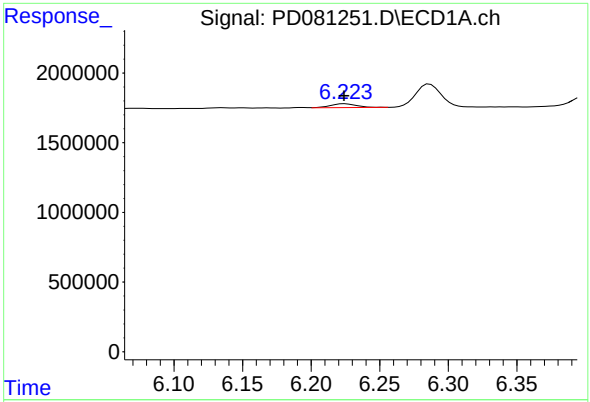
#11 alpha-Chlordane

R.T.: 6.075 min
Delta R.T.: 0.021 min
Response: 738461
Conc: 0.34 ng/ml



#11 alpha-Chlordane

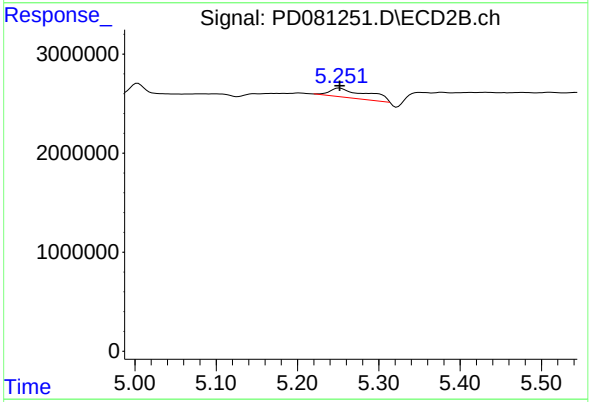
R.T.: 0.000 min
Exp R.T. : 5.064 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

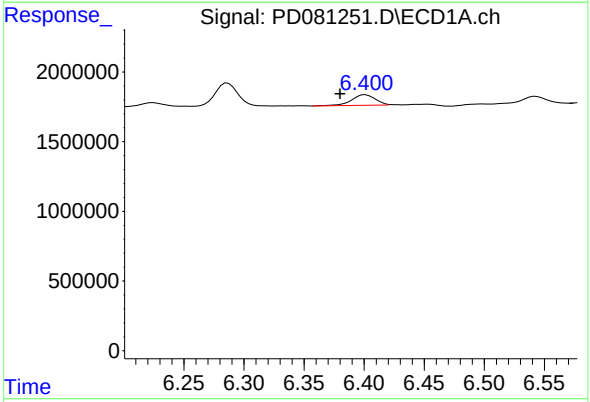
R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 353204
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



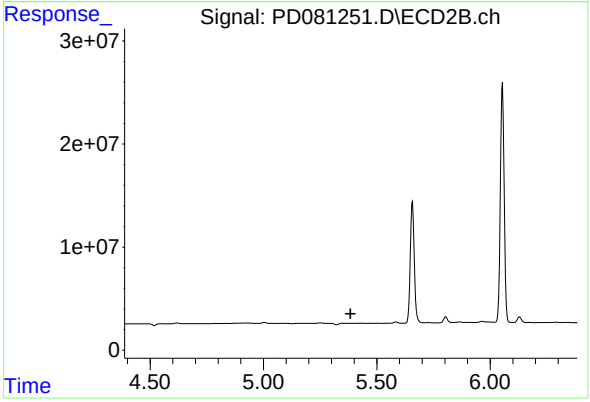
#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 2911410
Conc: 0.95 ng/ml



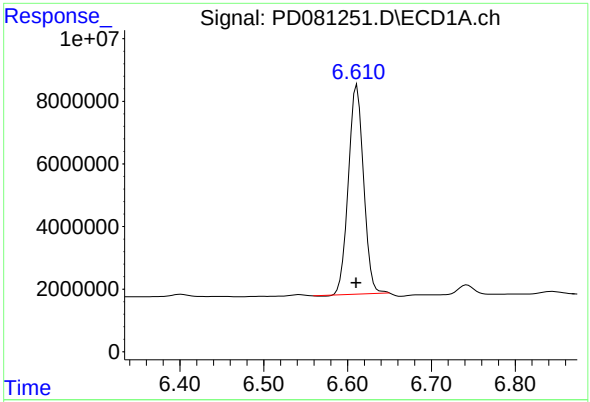
#13 Dieldrin

R.T.: 6.401 min
Delta R.T.: 0.021 min
Response: 1030000
Conc: 0.47 ng/ml



#13 Dieldrin

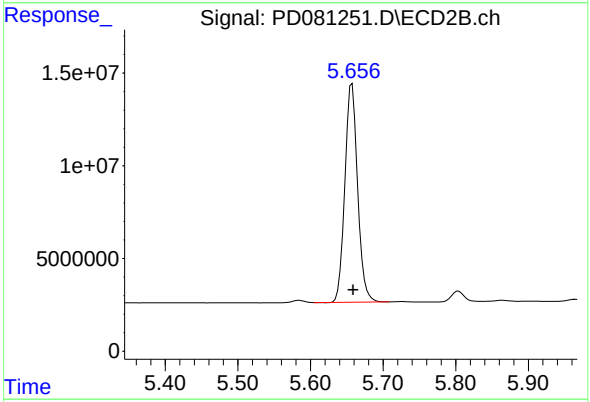
R.T.: 0.000 min
Exp R.T. : 5.384 min
Response: 0
Conc: N.D.



#14 Endrin

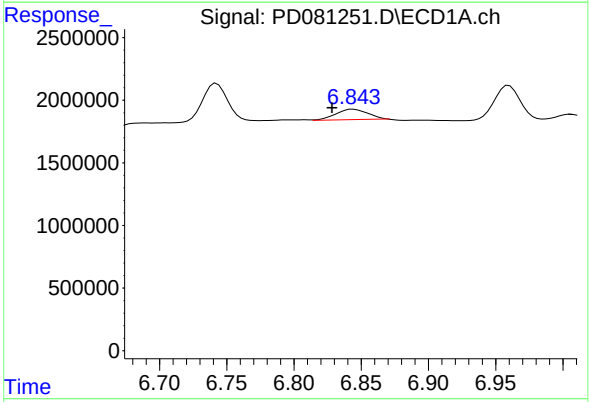
R.T.: 6.611 min
Delta R.T.: 0.001 min
Response: 84357628
Conc: 45.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



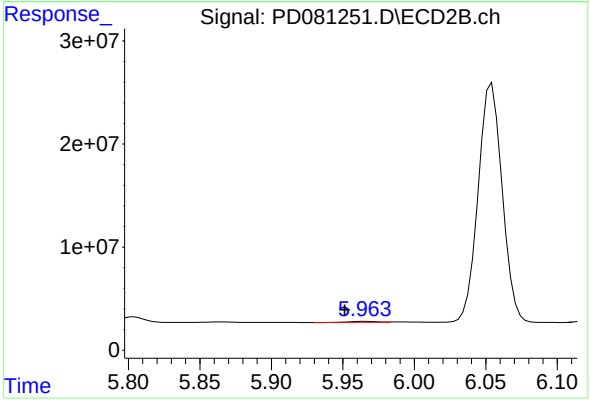
#14 Endrin

R.T.: 5.657 min
Delta R.T.: -0.001 min
Response: 143940784
Conc: 48.57 ng/ml



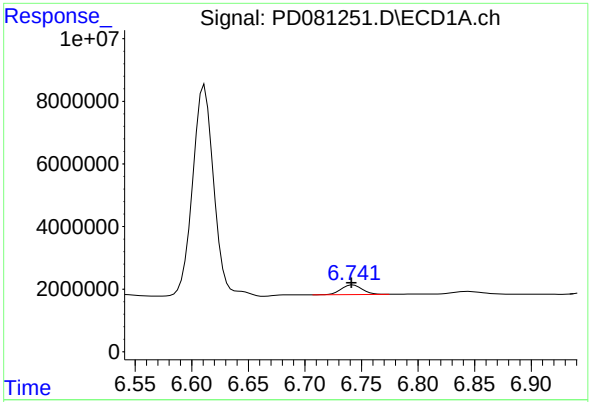
#15 Endosulfan II

R.T.: 6.844 min
Delta R.T.: 0.016 min
Response: 1399221
Conc: 0.72 ng/ml



#15 Endosulfan II

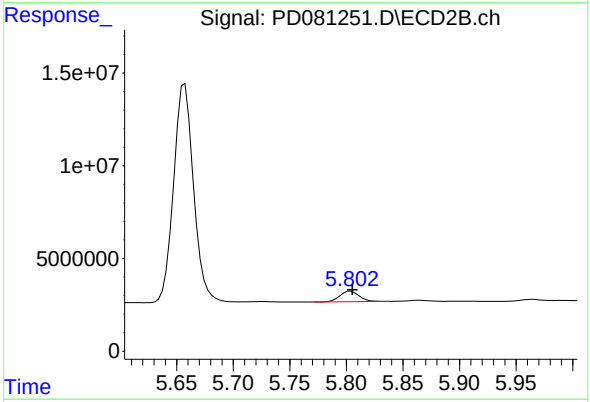
R.T.: 5.965 min
Delta R.T.: 0.014 min
Response: 1259228
Conc: 0.44 ng/ml



#16 4,4'-DDD

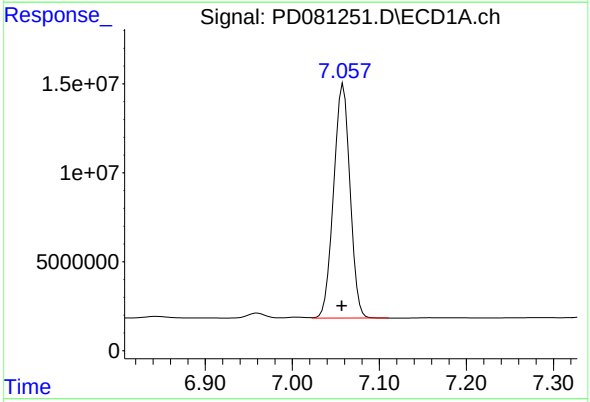
R.T.: 6.743 min
Delta R.T.: 0.001 min
Response: 4028530
Conc: 2.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



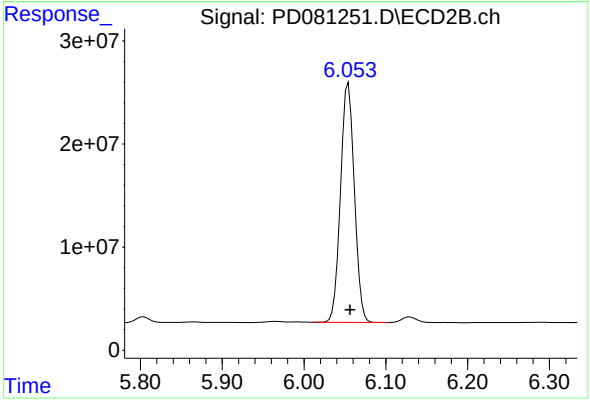
#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: -0.002 min
Response: 6684551
Conc: 2.55 ng/ml



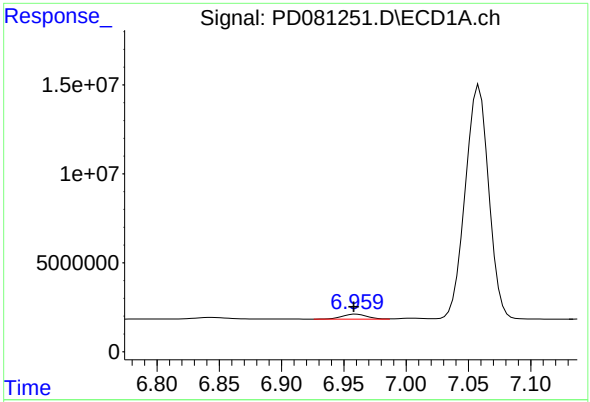
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.002 min
Response: 172442544
Conc: 96.83 ng/ml



#17 4,4'-DDT

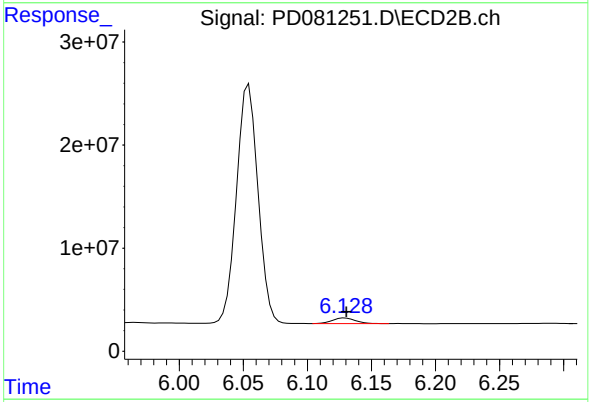
R.T.: 6.054 min
Delta R.T.: -0.002 min
Response: 271017568
Conc: 102.15 ng/ml



#18 Endrin aldehyde

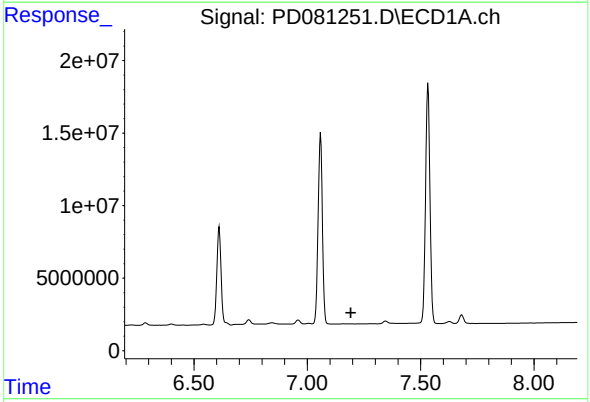
R.T.: 6.960 min
Delta R.T.: 0.002 min
Response: 3856357
Conc: 2.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



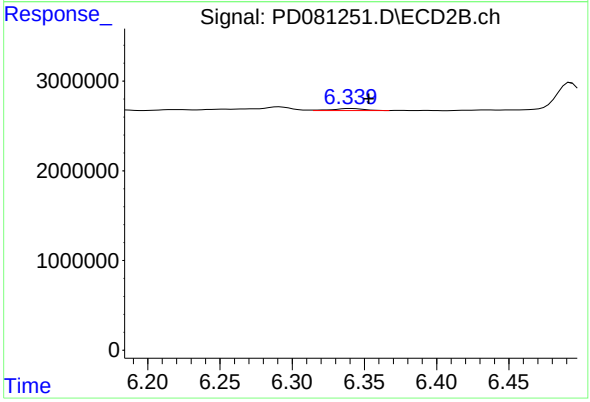
#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.001 min
Response: 6682013
Conc: 2.96 ng/ml



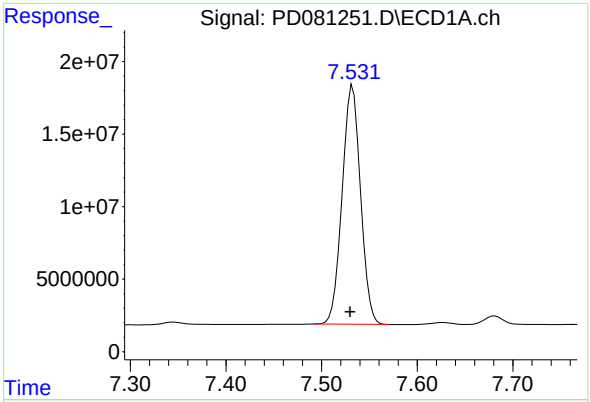
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

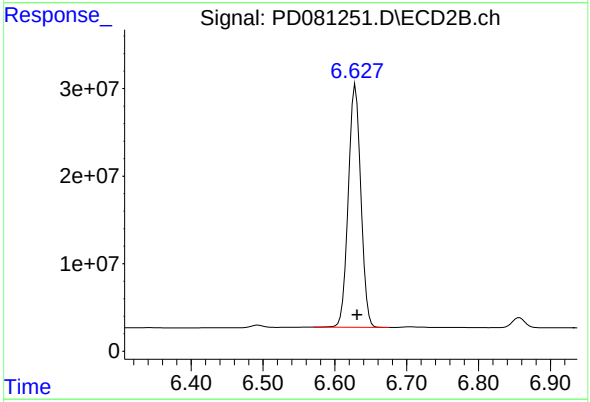
R.T.: 6.340 min
Delta R.T.: -0.013 min
Response: 329803
Conc: 0.12 ng/ml



#20 Methoxychlor

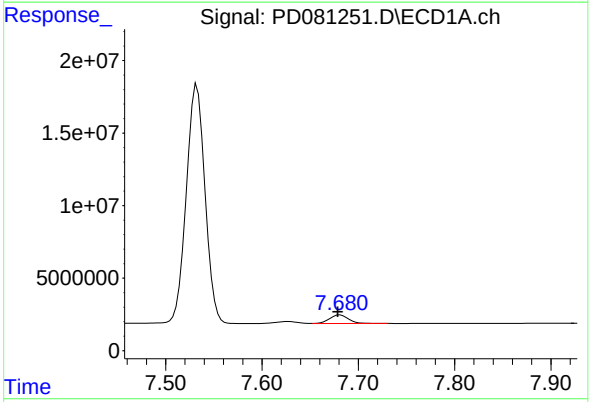
R.T.: 7.533 min
Delta R.T.: 0.003 min
Response: 220870852
Conc: 214.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



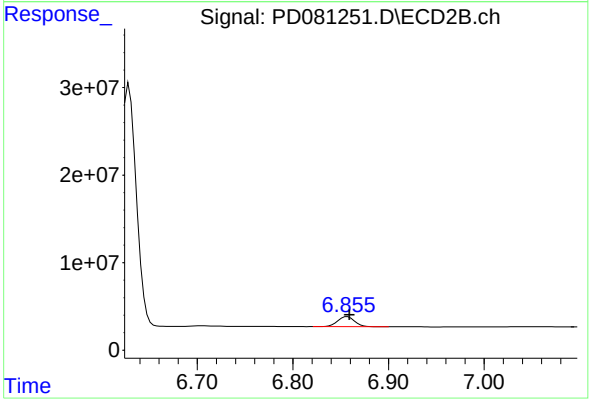
#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 335963888
Conc: 214.64 ng/ml



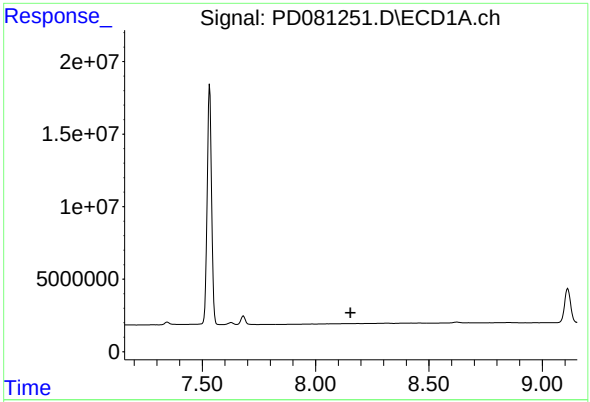
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.002 min
Response: 8016366
Conc: 3.83 ng/ml



#21 Endrin ketone

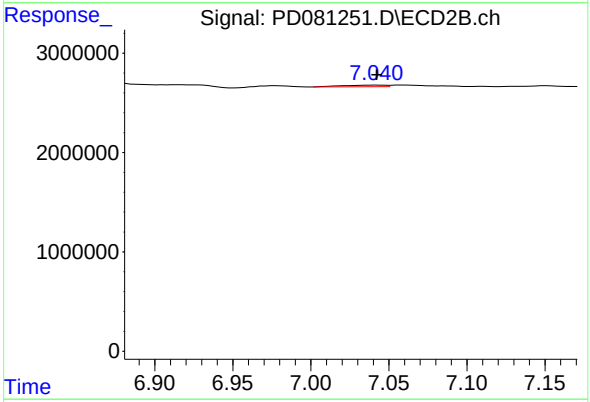
R.T.: 6.857 min
Delta R.T.: -0.002 min
Response: 14294949
Conc: 4.43 ng/ml



#22 Mirex

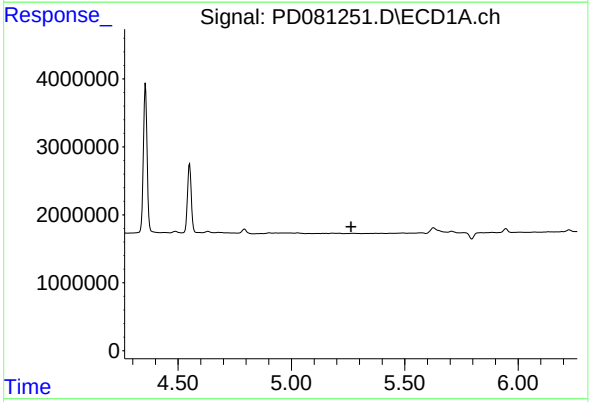
R.T.: 0.000 min
Exp R.T. : 8.154 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



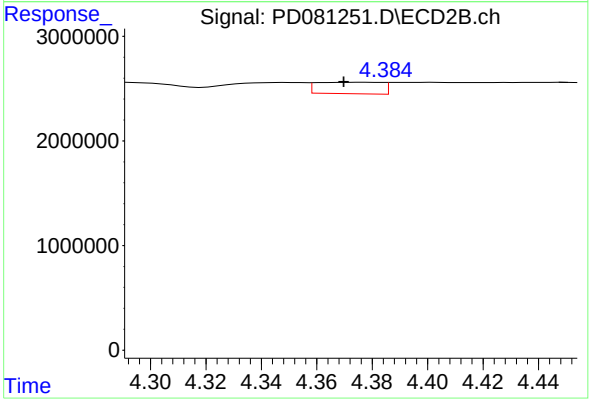
#22 Mirex

R.T.: 7.041 min
Delta R.T.: -0.001 min
Response: 312251
Conc: 0.12 ng/ml



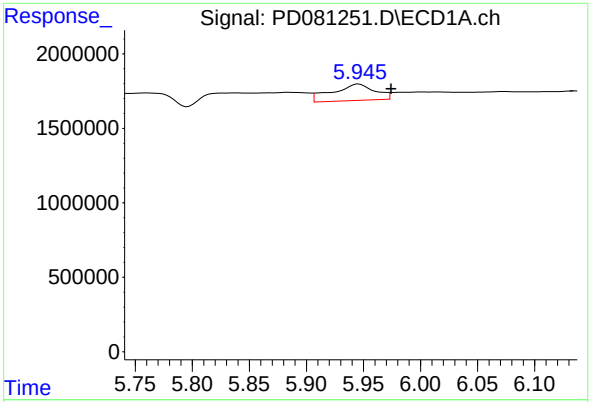
#24 Chlordane-2

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



#24 Chlordane-2

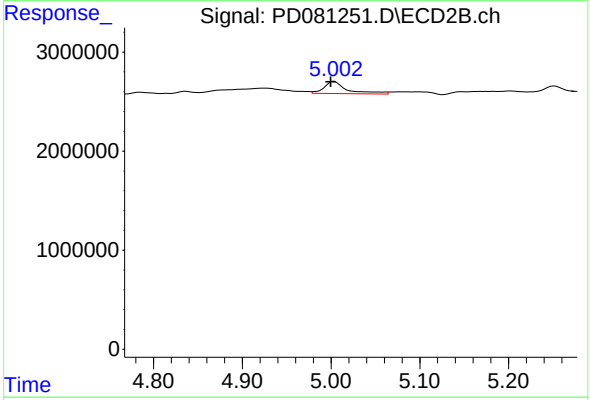
R.T.: 4.376 min
Delta R.T.: 0.006 min
Response: 1777083
Conc: 14.50 ng/ml



#25 Chlordane-3

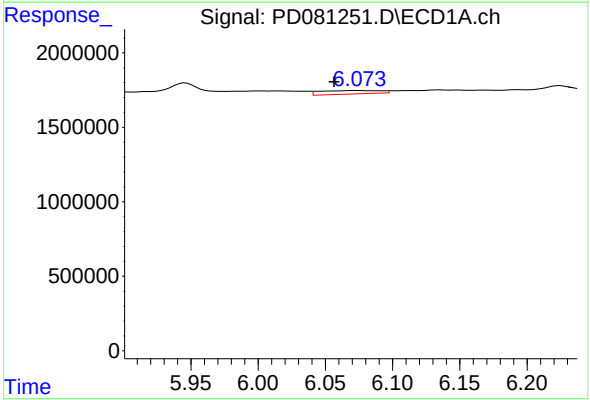
R.T.: 5.946 min
Delta R.T.: -0.028 min
Response: 2840738
Conc: 9.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



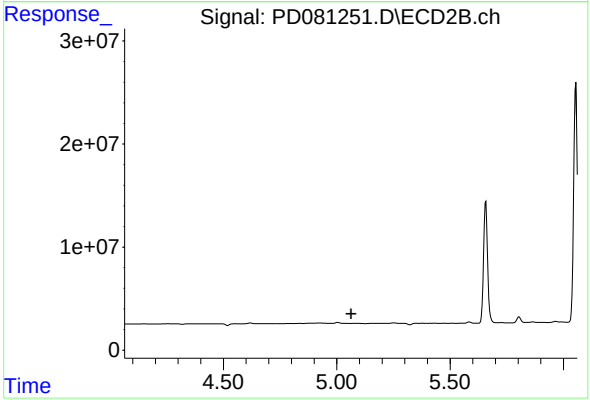
#25 Chlordane-3

R.T.: 5.004 min
Delta R.T.: 0.004 min
Response: 2191919
Conc: 6.53 ng/ml



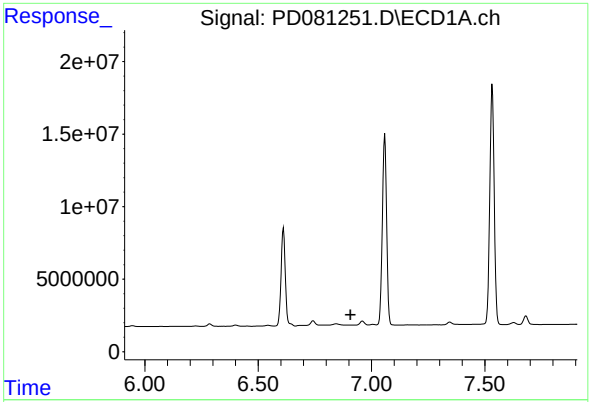
#26 Chlordane-4

R.T.: 6.075 min
Delta R.T.: 0.018 min
Response: 738461
Conc: 1.94 ng/ml



#26 Chlordane-4

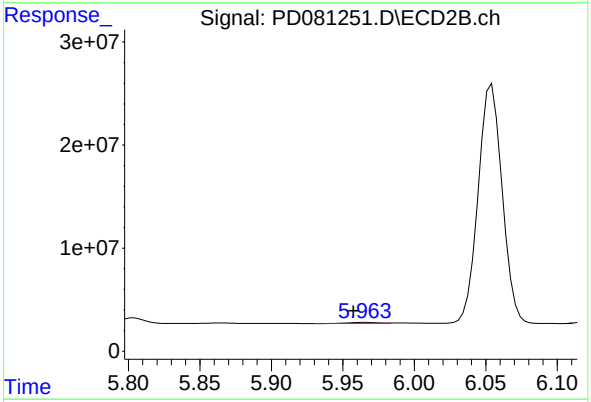
R.T.: 0.000 min
Exp R.T. : 5.063 min
Response: 0
Conc: N.D.



#27 Chlordane-5

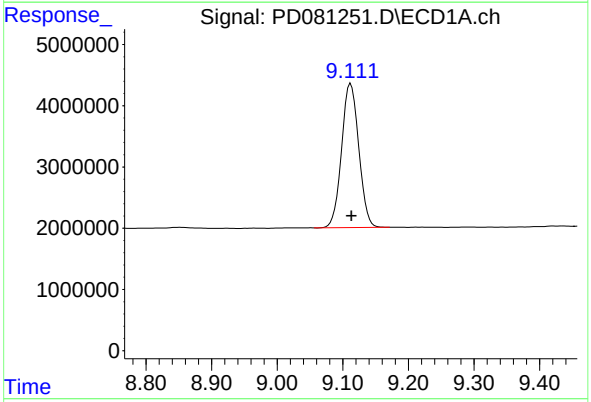
R.T.: 0.000 min
Exp R.T. : 6.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



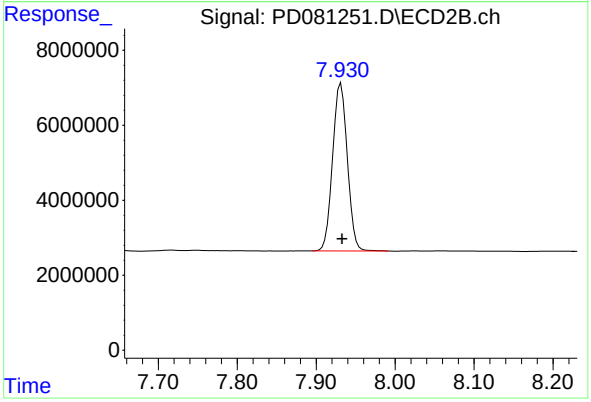
#27 Chlordane-5

R.T.: 5.965 min
Delta R.T.: 0.007 min
Response: 1259228
Conc: 10.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 42810946
Conc: 21.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: -0.002 min
Response: 58030104
Conc: 21.79 ng/ml