Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081218\
Data File : PD048845.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2018 12:10
Operator : AJ\SJ
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: Aug 13 08:12:36 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073118.M
Quant Title : GC Extractables
QLast Update : Wed Aug 01 04:28:20 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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 x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
		System Monitoring Compounds							
1)	SA	Tetrachlo...	3.371	3.967	26136804	365.5E6	23.576	27.231	
28)	SA	Decachlor...	8.069	8.994	29126230	357.0E6	20.800	23.637	
		Target Compounds							
2)	A	alpha-BHC	3.802	4.348	21153659	301.5E6	11.041	13.264	
3)	MA	gamma-BHC...	4.080	4.629	23085150	288.7E6	12.726	13.962	
4)	MA	Heptachlor	4.329f	0.000	8090127	0	4.782	N.D.	#
5)	MB	Aldrin	4.613	0.000	320275	0	0.197	N.D.	#
6)	B	beta-BHC	4.329	4.789	8090127	111.3E6	11.335	13.370	
8)	B	Heptachlo...	5.051	0.000	194828	0	0.127	N.D.	#
9)	A	Endosulfan I	5.385	0.000	206870	0	0.145	N.D.	#
10)	B	gamma-Chl...	5.275	0.000	124952	0	0.081	N.D.	#
11)	B	alpha-Chl...	5.331	0.000	185376	0	0.122	N.D.	#
12)	B	4,4'-DDE	5.501	0.000	198285	0	0.127	N.D.	#
14)	MA	Endrin	5.879	6.648	80548912	877.8E6	50.445	54.117	
16)	A	4,4'-DDD	6.011	6.769	1771934	27521813	1.264	2.170	#
17)	MA	4,4'-DDT	6.247	7.067	161.8E6	1579.5E6	114.166	122.855	
18)	B	Endrin al...	6.322	6.974	909176	28331440	0.759	2.131	#
20)	A	Methoxychlor	6.797	7.521	197.1E6	1618.9E6	252.987	268.326	
21)	B	Endrin ke...	7.020	7.661	3525971	33317405	2.071	2.201	
23)		Chlordane-1	4.251	0.000	524007	0	10.392	N.D.	#
25)		Chlordane-3	5.275	0.000	124952	0	0.750	N.D.	#
26)		Chlordane-4	5.331	0.000	185376	0	1.240	N.D.	#
27)		Chlordane-5	0.000	6.974	0	28331440	N.D.	46.422	#

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

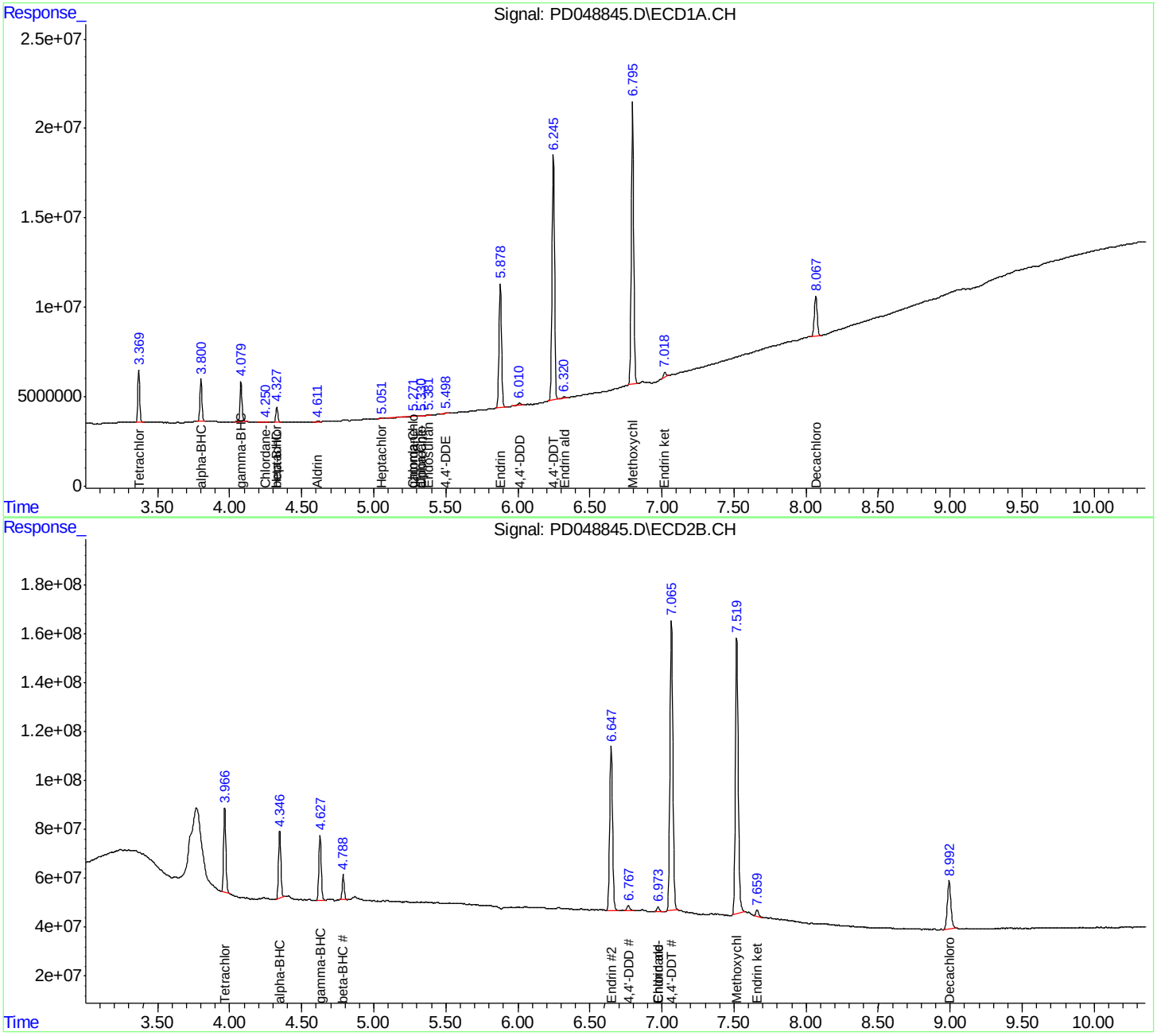
Quantitation Report (Not Reviewed)

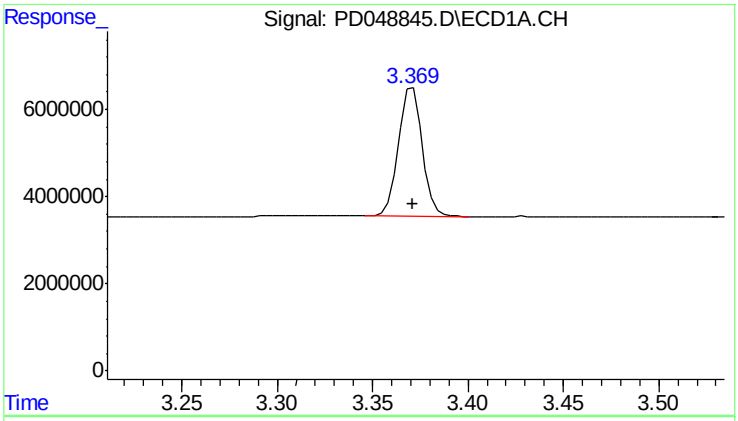
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081218\
Data File : PD048845.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2018 12:10
Operator : AJ\SJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 08:12:36 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073118.M
Quant Title : GC Extractables
QLast Update : Wed Aug 01 04:28:20 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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 x 0.50µm

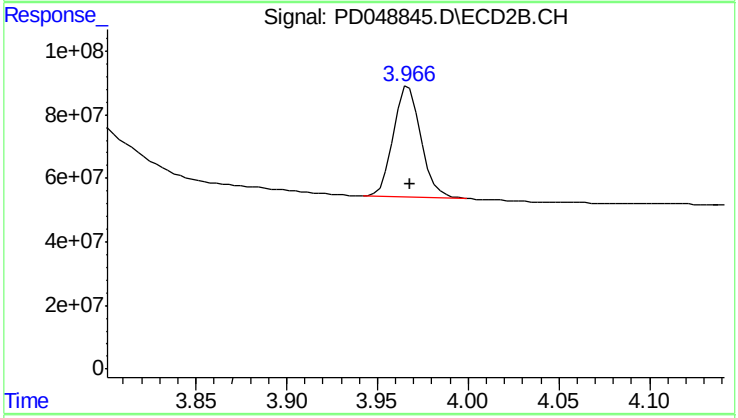




#1 Tetrachloro-m-xylene

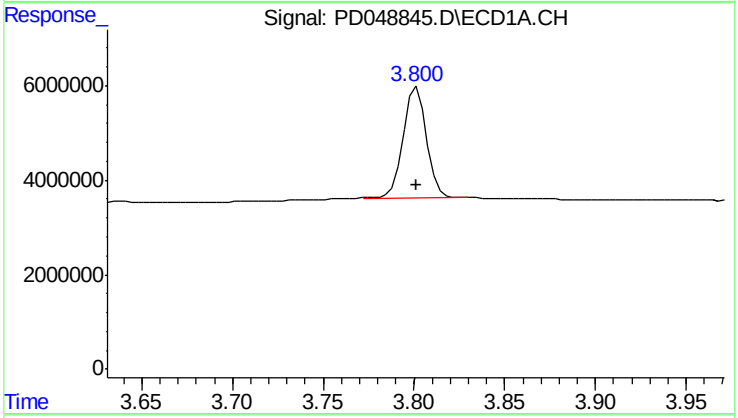
R.T.: 3.371 min
Delta R.T.: 0.000 min
Response: 26136804
Conc: 23.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



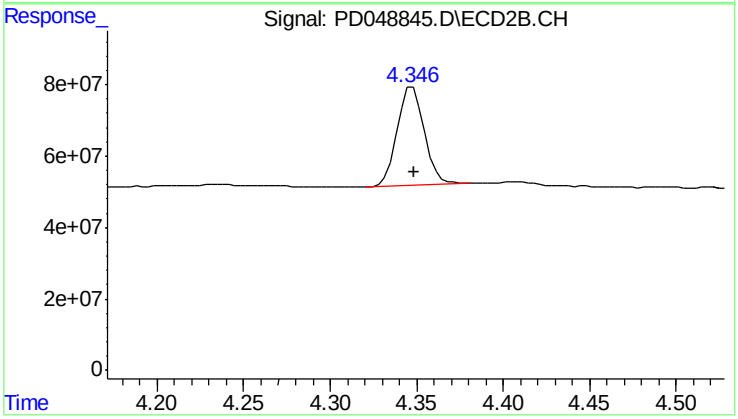
#1 Tetrachloro-m-xylene

R.T.: 3.967 min
Delta R.T.: 0.000 min
Response: 365542403
Conc: 27.23 ng/ml



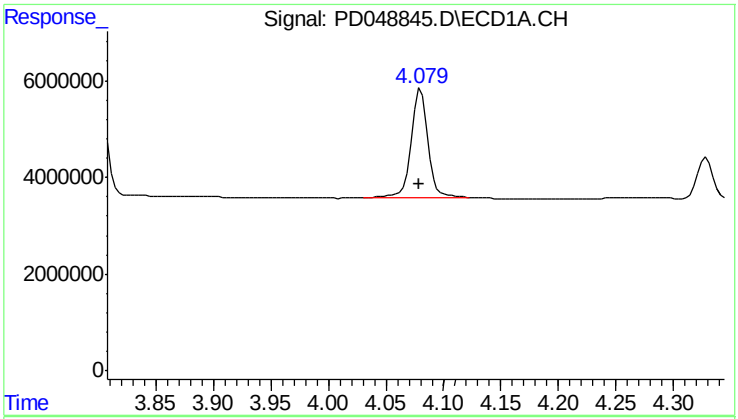
#2 alpha-BHC

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 21153659
Conc: 11.04 ng/ml



#2 alpha-BHC

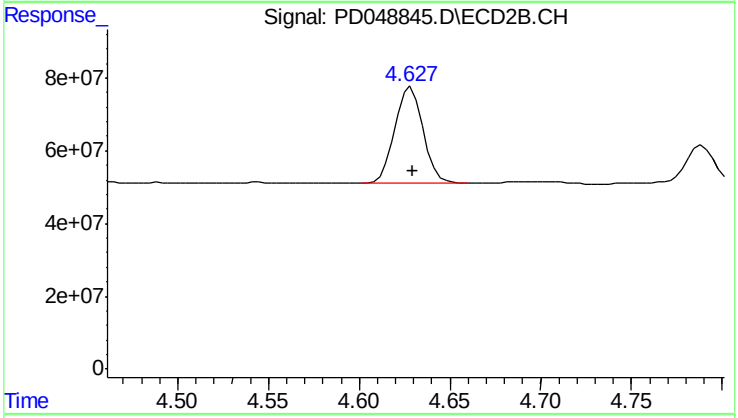
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 301487565
Conc: 13.26 ng/ml



#3 gamma-BHC (Lindane)

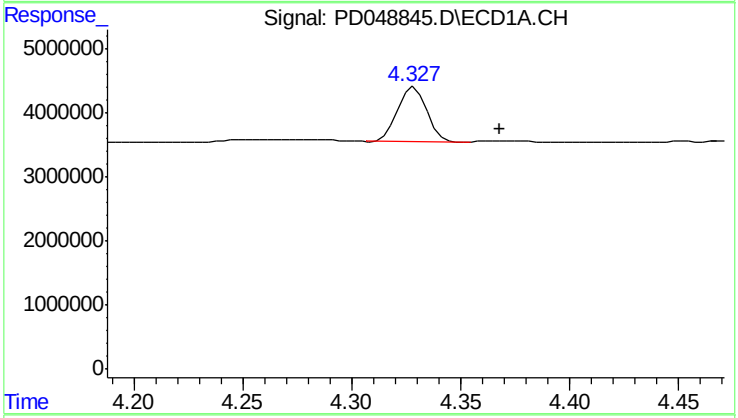
R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 23085150
Conc: 12.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



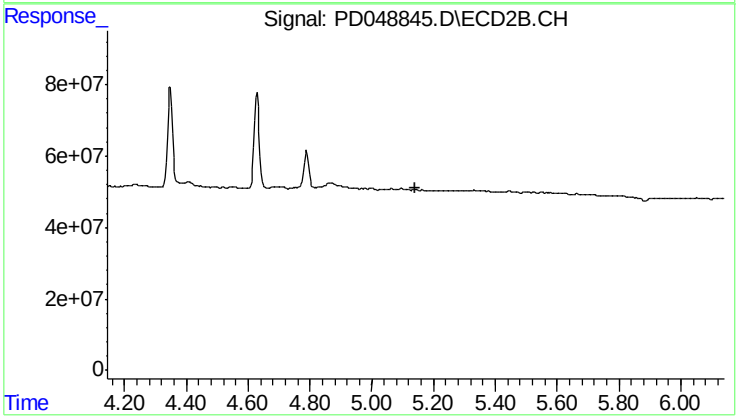
#3 gamma-BHC (Lindane)

R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 288735358
Conc: 13.96 ng/ml



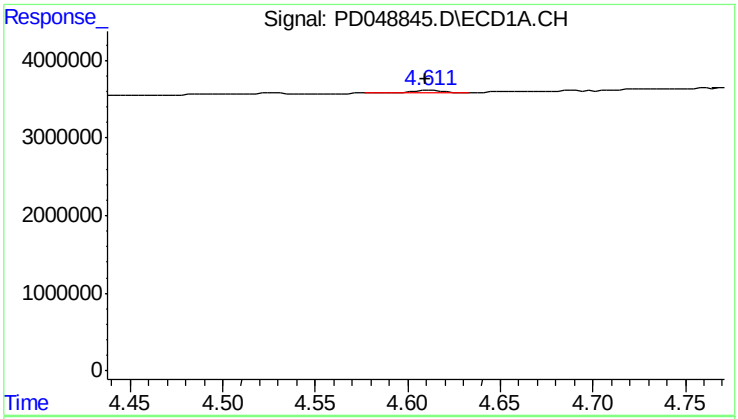
#4 Heptachlor

R.T.: 4.329 min
Delta R.T.: -0.039 min
Response: 8090127
Conc: 4.78 ng/ml



#4 Heptachlor

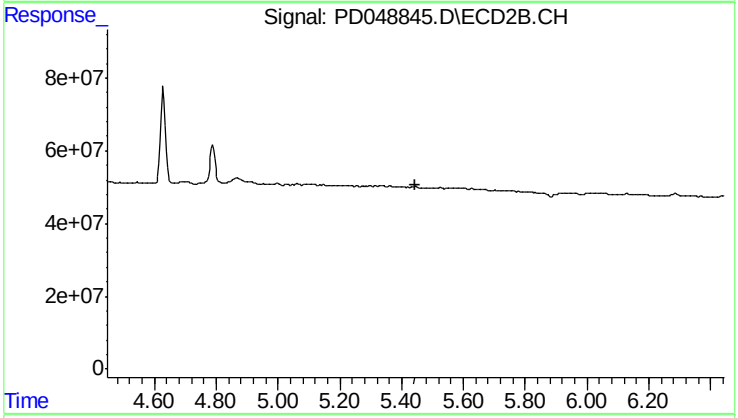
R.T.: 0.000 min
Exp R.T. : 5.142 min
Response: 0
Conc: N.D.



#5 Aldrin

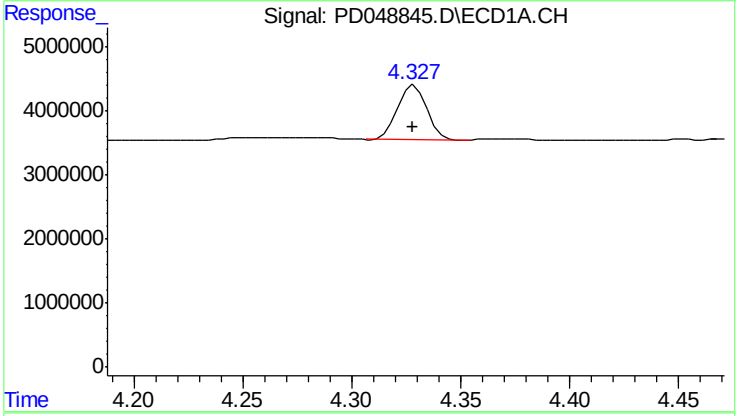
R.T.: 4.613 min
Delta R.T.: 0.003 min
Response: 320275
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



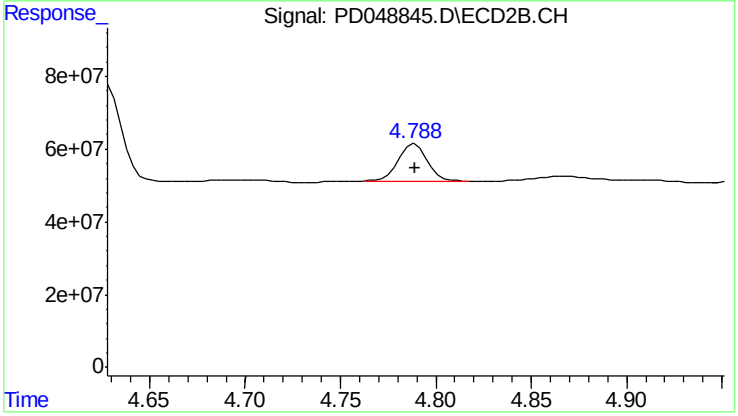
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.446 min
Response: 0
Conc: N.D.



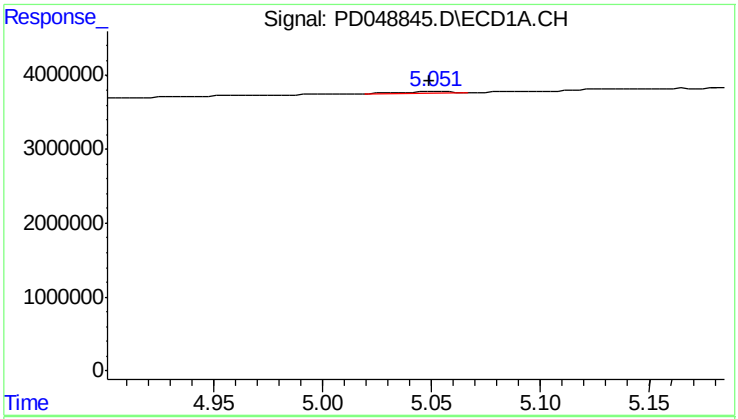
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: 0.001 min
Response: 8090127
Conc: 11.34 ng/ml



#6 beta-BHC

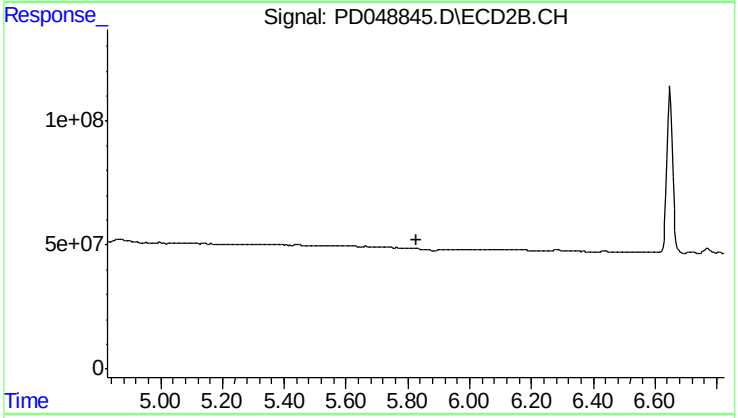
R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 111339800
Conc: 13.37 ng/ml



#8 Heptachlor epoxide

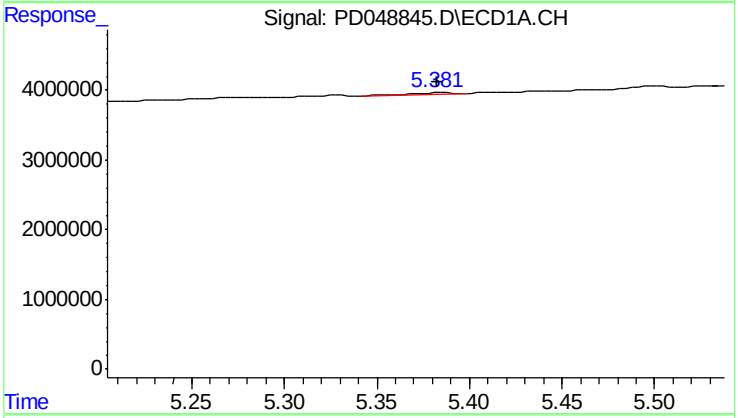
R.T.: 5.051 min
Delta R.T.: 0.002 min
Response: 194828
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



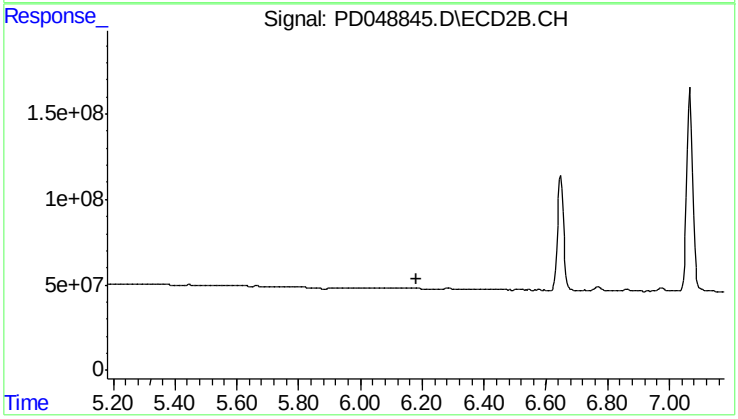
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.826 min
Response: 0
Conc: N.D.



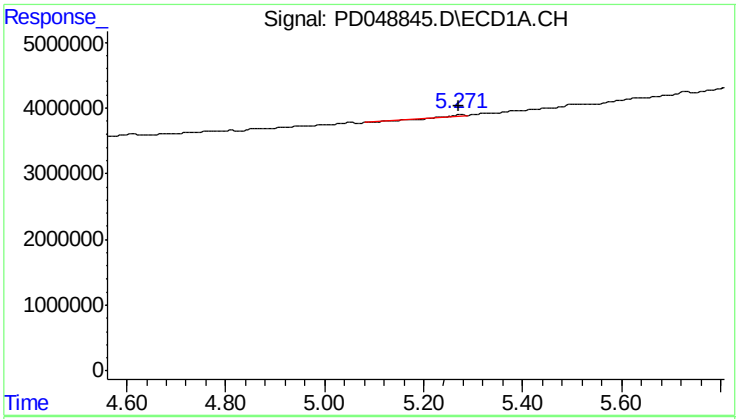
#9 Endosulfan I

R.T.: 5.385 min
Delta R.T.: 0.003 min
Response: 206870
Conc: 0.15 ng/ml



#9 Endosulfan I

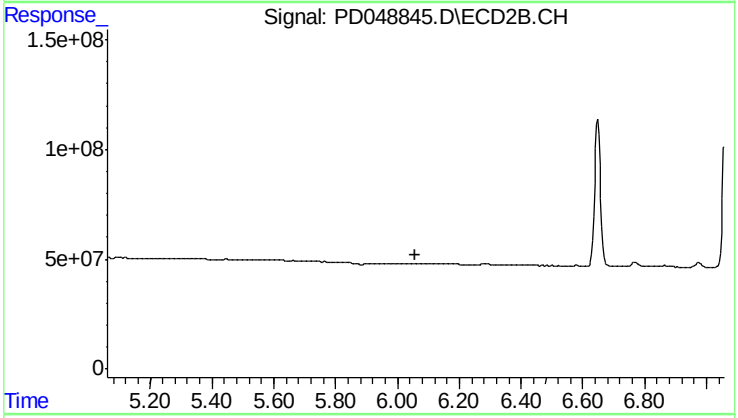
R.T.: 0.000 min
Exp R.T. : 6.180 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

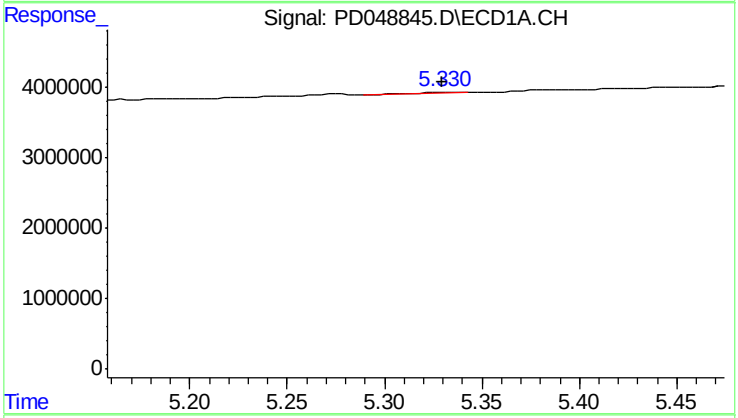
R.T.: 5.275 min
Delta R.T.: 0.003 min
Response: 124952
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



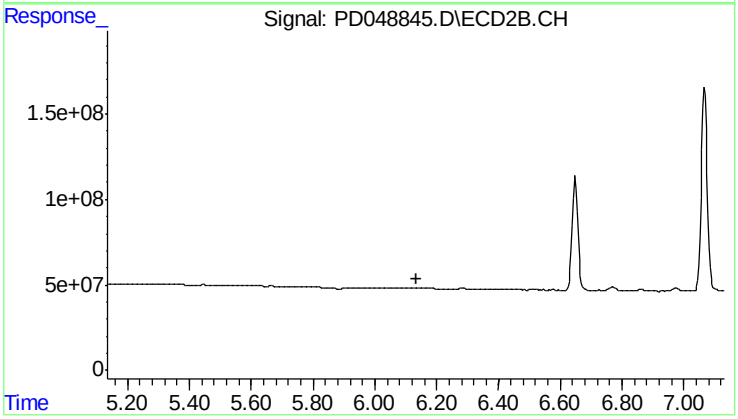
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 6.059 min
Response: 0
Conc: N.D.



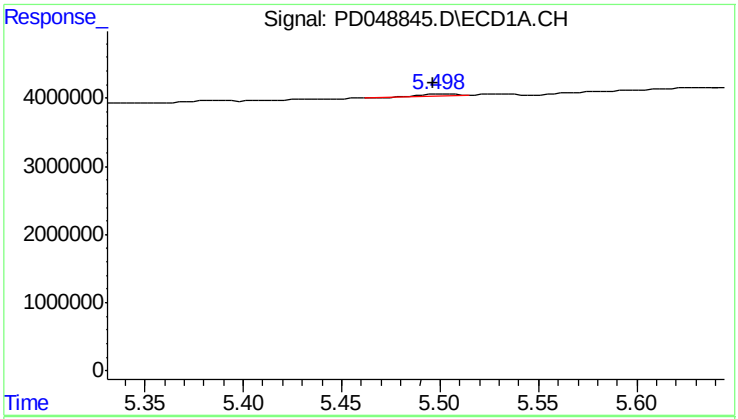
#11 alpha-Chlordane

R.T.: 5.331 min
Delta R.T.: 0.001 min
Response: 185376
Conc: 0.12 ng/ml



#11 alpha-Chlordane

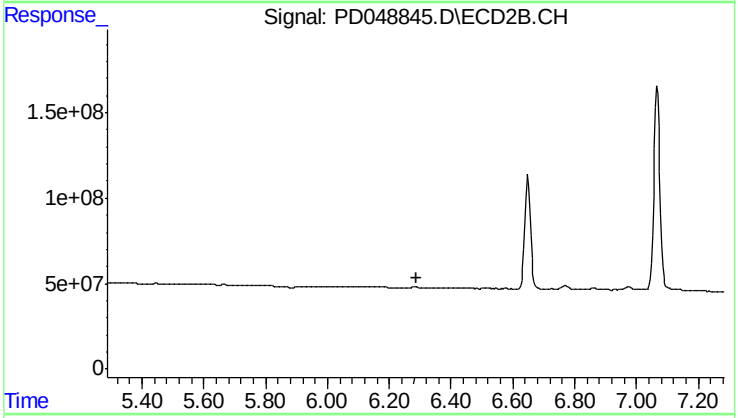
R.T.: 0.000 min
Exp R.T. : 6.133 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

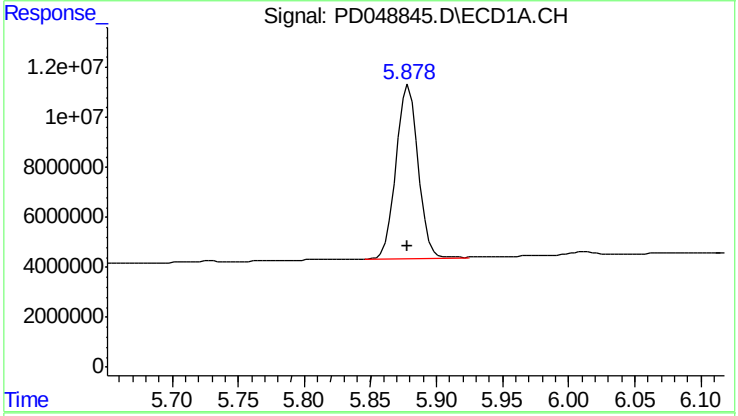
R.T.: 5.501 min
Delta R.T.: 0.004 min
Response: 198285
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



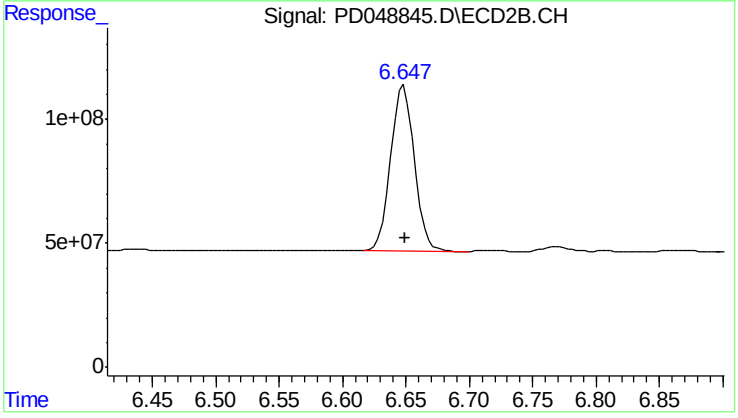
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.287 min
Response: 0
Conc: N.D.



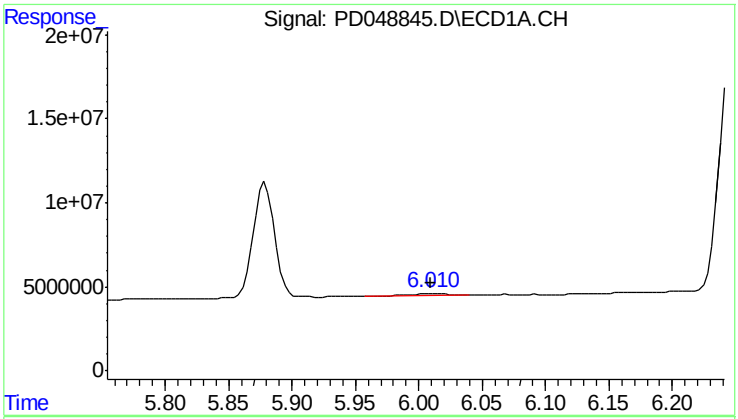
#14 Endrin

R.T.: 5.879 min
Delta R.T.: 0.001 min
Response: 80548912
Conc: 50.45 ng/ml



#14 Endrin

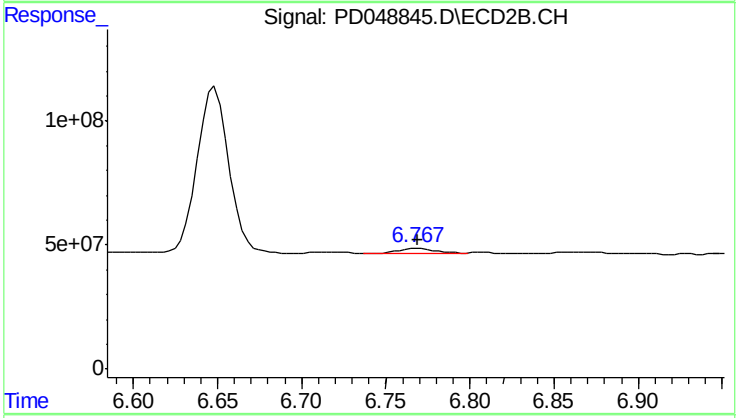
R.T.: 6.648 min
Delta R.T.: 0.000 min
Response: 877753500
Conc: 54.12 ng/ml



#16 4,4'-DDD

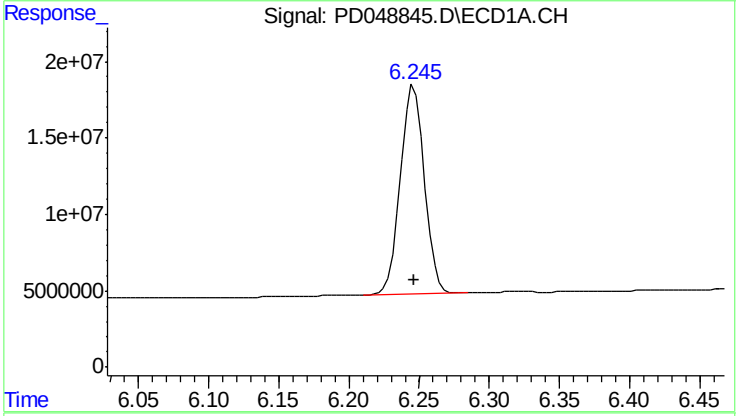
R.T.: 6.011 min
Delta R.T.: 0.002 min
Response: 1771934
Conc: 1.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



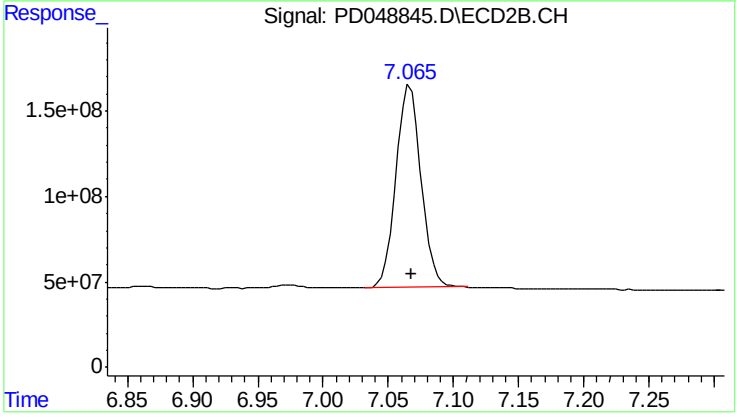
#16 4,4'-DDD

R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 27521813
Conc: 2.17 ng/ml



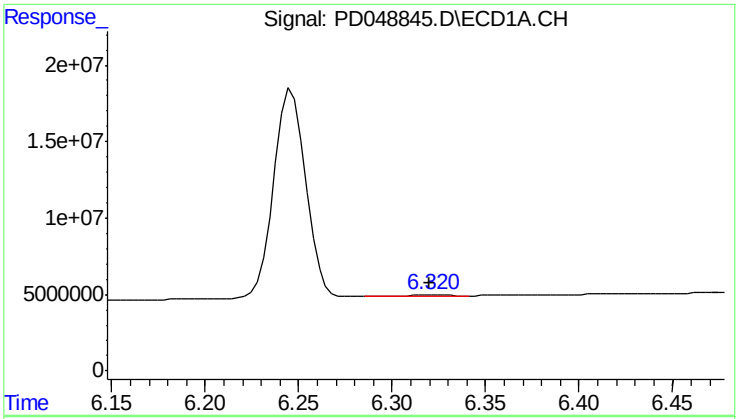
#17 4,4'-DDT

R.T.: 6.247 min
Delta R.T.: 0.000 min
Response: 161826747
Conc: 114.17 ng/ml



#17 4,4'-DDT

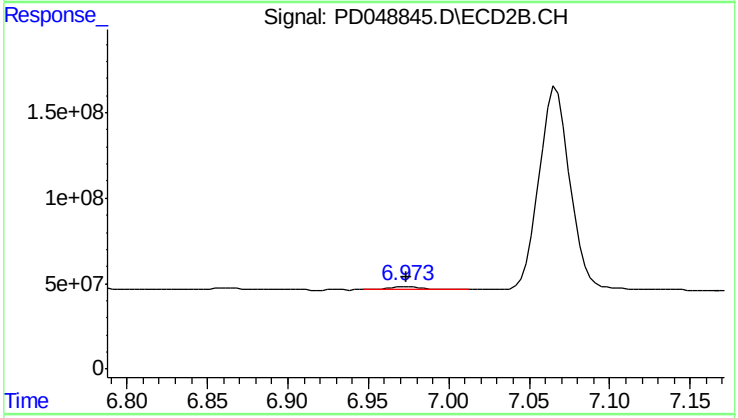
R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 1579455675
Conc: 122.86 ng/ml



#18 Endrin aldehyde

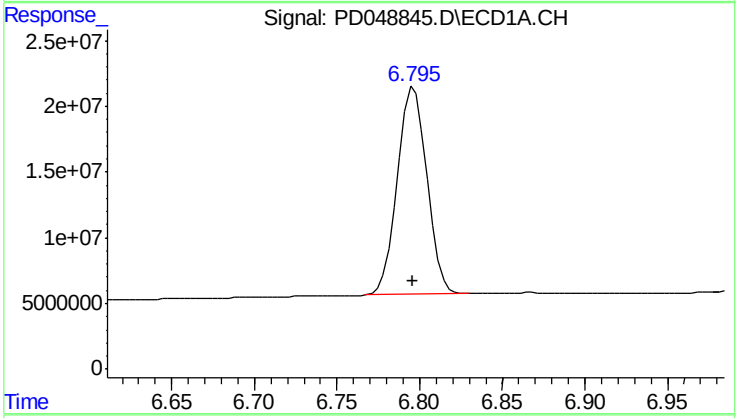
R.T.: 6.322 min
Delta R.T.: 0.002 min
Response: 909176
Conc: 0.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



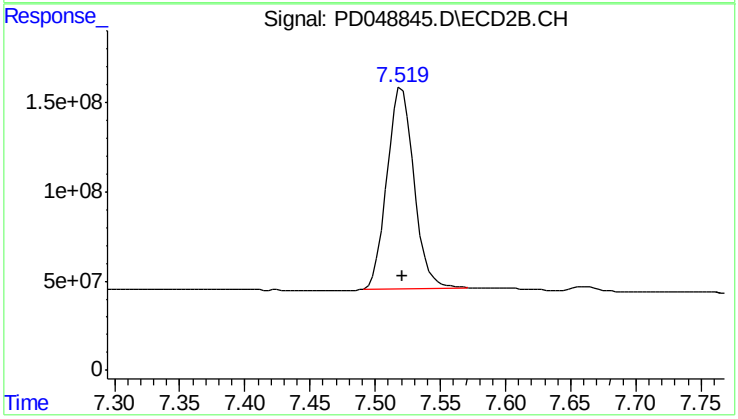
#18 Endrin aldehyde

R.T.: 6.974 min
Delta R.T.: 0.000 min
Response: 28331440
Conc: 2.13 ng/ml



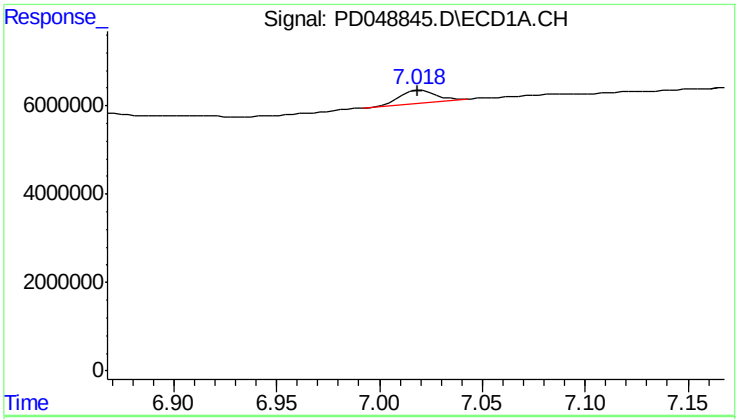
#20 Methoxychlor

R.T.: 6.797 min
Delta R.T.: 0.001 min
Response: 197061246
Conc: 252.99 ng/ml



#20 Methoxychlor

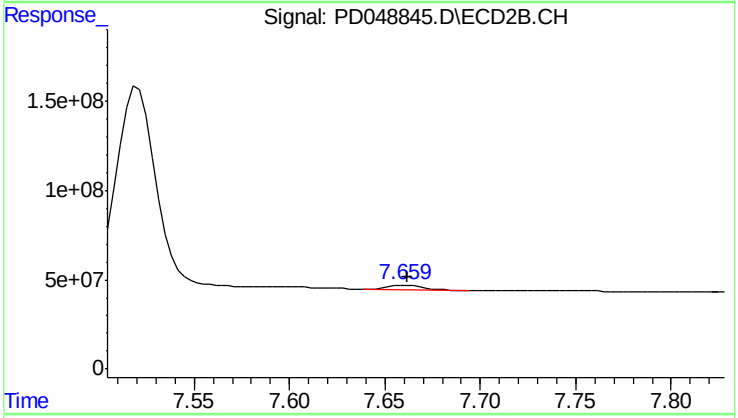
R.T.: 7.521 min
Delta R.T.: 0.000 min
Response: 1618864688
Conc: 268.33 ng/ml



#21 Endrin ketone

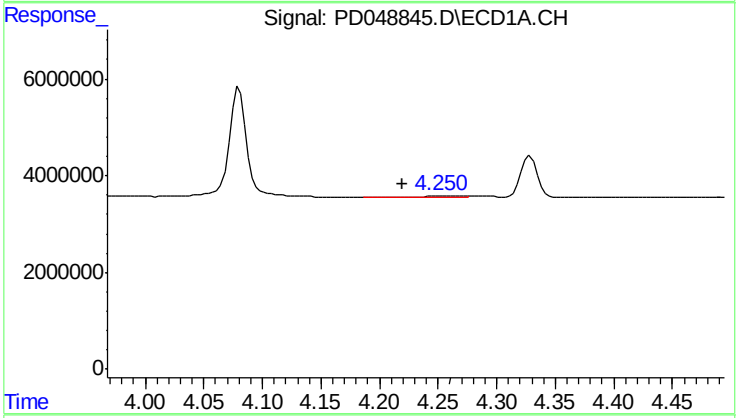
R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 3525971
Conc: 2.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



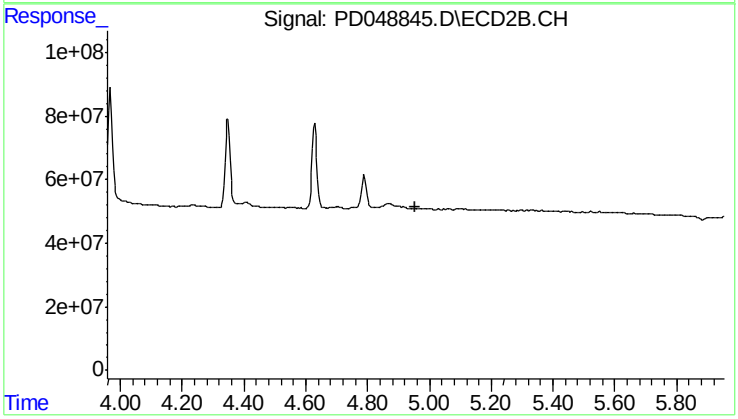
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 33317405
Conc: 2.20 ng/ml



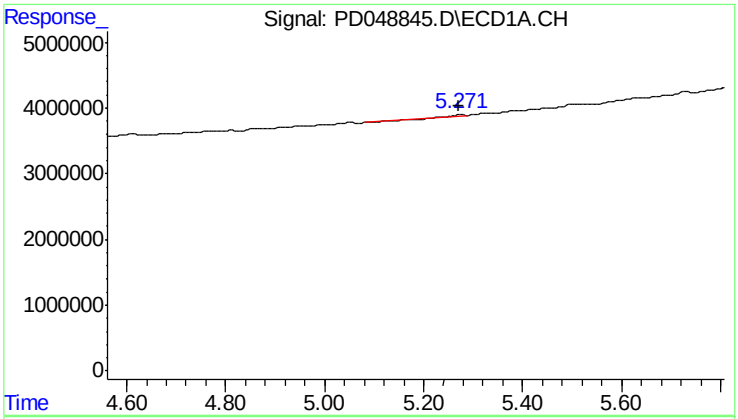
#23 Chlordane-1

R.T.: 4.251 min
Delta R.T.: 0.031 min
Response: 524007
Conc: 10.39 ng/ml



#23 Chlordane-1

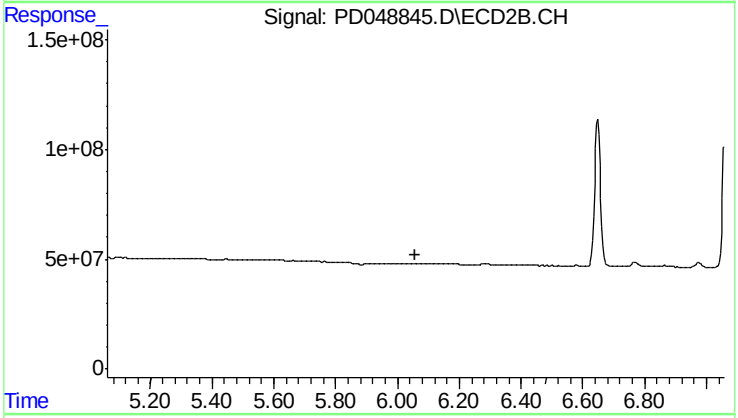
R.T.: 0.000 min
Exp R.T. : 4.955 min
Response: 0
Conc: N.D.



#25 Chlordane-3

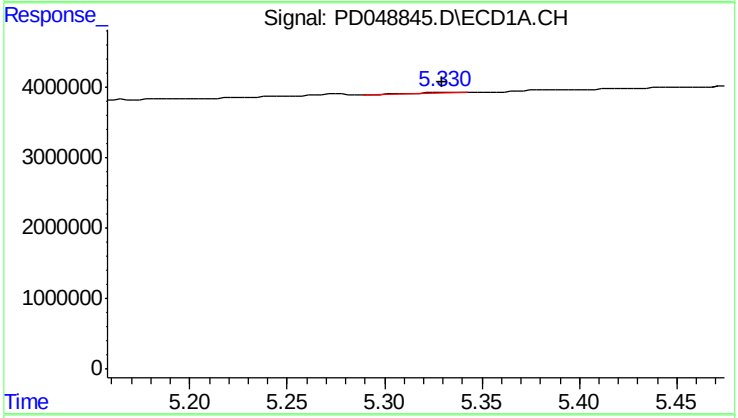
R.T.: 5.275 min
Delta R.T.: 0.004 min
Response: 124952
Conc: 0.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



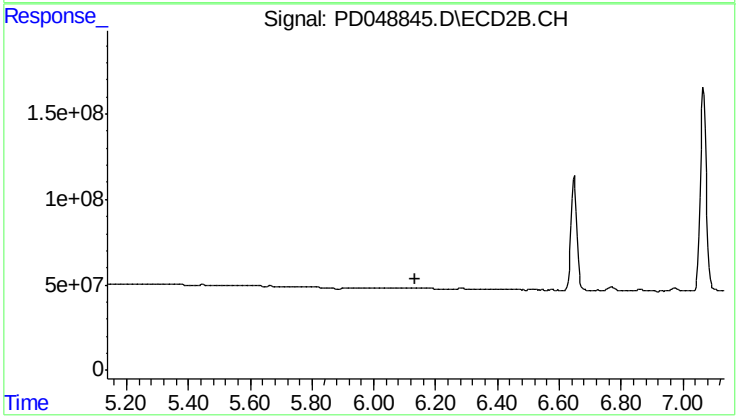
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 6.059 min
Response: 0
Conc: N.D.



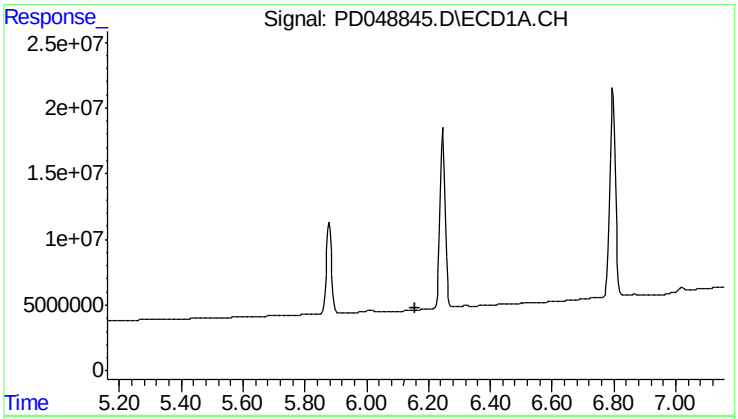
#26 Chlordane-4

R.T.: 5.331 min
Delta R.T.: 0.001 min
Response: 185376
Conc: 1.24 ng/ml



#26 Chlordane-4

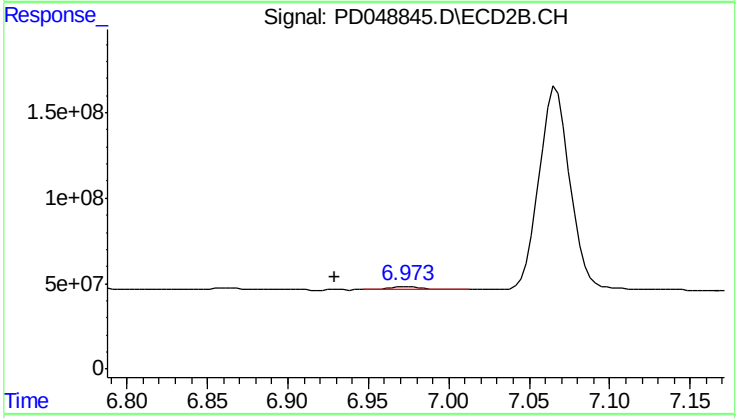
R.T.: 0.000 min
Exp R.T. : 6.135 min
Response: 0
Conc: N.D.



#27 Chlordane-5

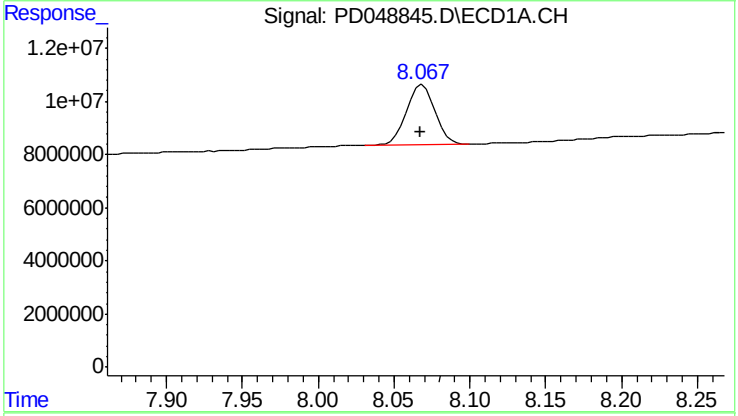
R.T.: 0.000 min
Exp R.T. : 6.158 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



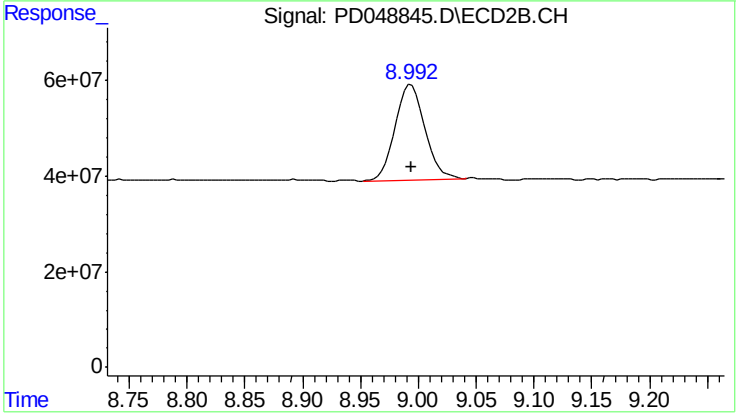
#27 Chlordane-5

R.T.: 6.974 min
Delta R.T.: 0.045 min
Response: 28331440
Conc: 46.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.069 min
Delta R.T.: 0.002 min
Response: 29126230
Conc: 20.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.994 min
Delta R.T.: 0.000 min
Response: 356981820
Conc: 23.64 ng/ml