Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062018\
Data File : PD048191.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jun 2018 17:02
Operator : UA/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: Jun 21 02:14:49 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_D\Method\PD062018.M
Quant Title : GC Extractables
QLast Update : Thu Jun 21 01:43:00 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...	3.422	4.039	23283983	391.1E6	19.109	20.201	
28)	SA	Decachlor...	8.137	9.112	26773993	411.9E6	20.689	22.179	
		Target Compounds							
2)	A	alpha-BHC	3.858	4.425	18375807	288.9E6	9.564	9.951	
3)	MA	gamma-BHC...	4.138	4.709	18206135	305.6E6	10.649	11.085	
4)	MA	Heptachlor	4.386f	5.182f	7212100	5844245	4.234	0.222	#
6)	B	beta-BHC	4.386	4.868	7212100	129.7E6	9.961	10.648	
8)	B	Heptachlo...	0.000	5.900	0	19000027	N.D.	1.075	#
9)	A	Endosulfan I	0.000	6.223f	0	3856400	N.D.	0.182	#
10)	B	gamma-Chl...	0.000	6.148	0	3846597	N.D.	0.164	#
11)	B	alpha-Chl...	0.000	6.223	0	3856400	N.D.	0.166	#
12)	B	4,4'-DDE	0.000	6.373	0	4245753	N.D.	0.186	#
14)	MA	Endrin	5.948	6.743	75547461	979.9E6	48.773	48.173	
15)	B	Endosulfa...	0.000	6.951	0	16558653	N.D.	0.806	#
16)	A	4,4'-DDD	0.000	6.856	0	8825931	N.D.	0.470	#
17)	MA	4,4'-DDT	6.314	7.159	152.0E6	1892.3E6	110.589	100.709	
18)	B	Endrin al...	0.000	7.064	0	5378929	N.D.	0.318	#
20)	A	Methoxychlor	6.862	7.612	185.4E6	2070.3E6	249.427	216.620	
21)	B	Endrin ke...	7.091	7.760	1444011	20254816	0.906	1.070	
23)		Chlordane-1	4.347	0.000	1385167	0	25.522	N.D.	#
25)		Chlordane-3	0.000	6.148	0	3846597	N.D.	1.153	#
26)		Chlordane-4	0.000	6.223	0	3856400	N.D.	0.998	#
27)		Chlordane-5	0.000	7.064	0	5378929	N.D.	6.204	#

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

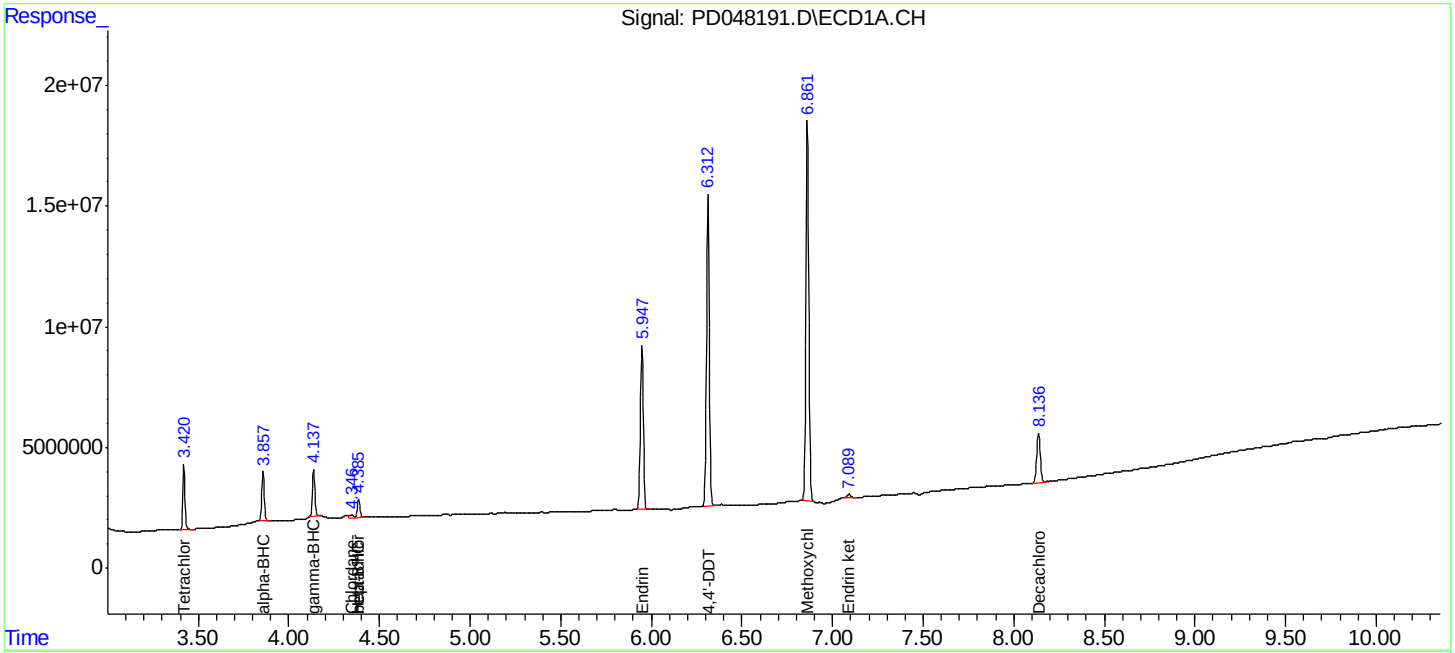
Quantitation Report (Not Reviewed)

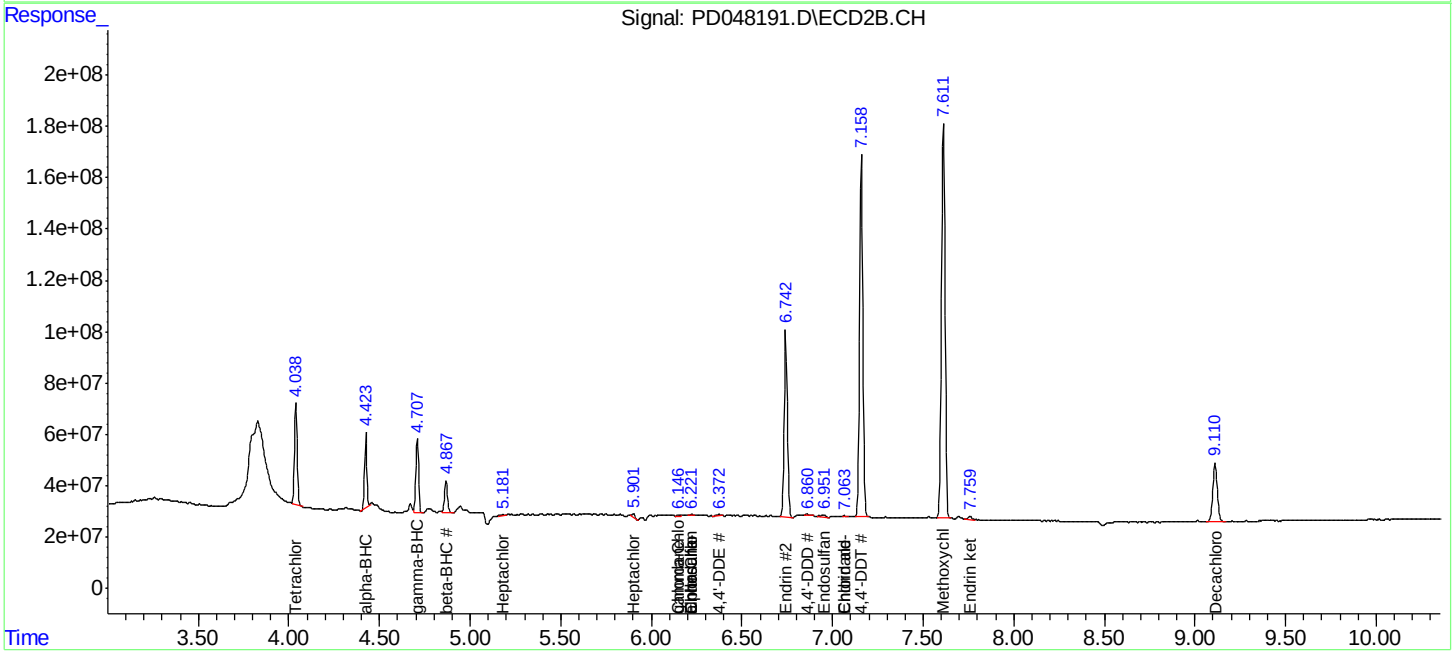
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062018\
Data File : PD048191.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jun 2018 17:02
Operator : UA/AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

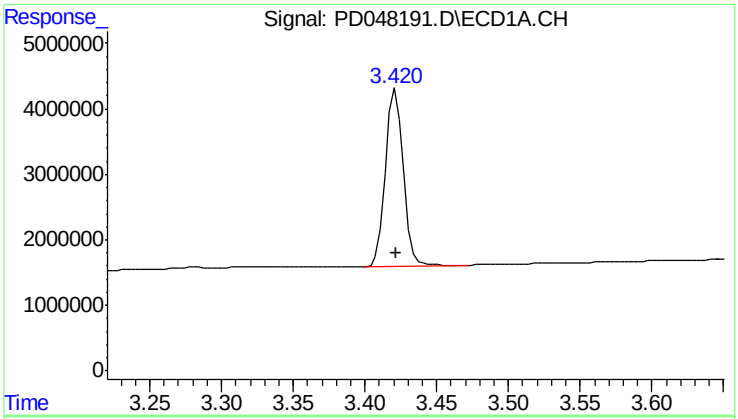
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 21 02:14:49 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_D\Method\PD062018.M
Quant Title : GC Extractables
QLast Update : Thu Jun 21 01:43:00 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



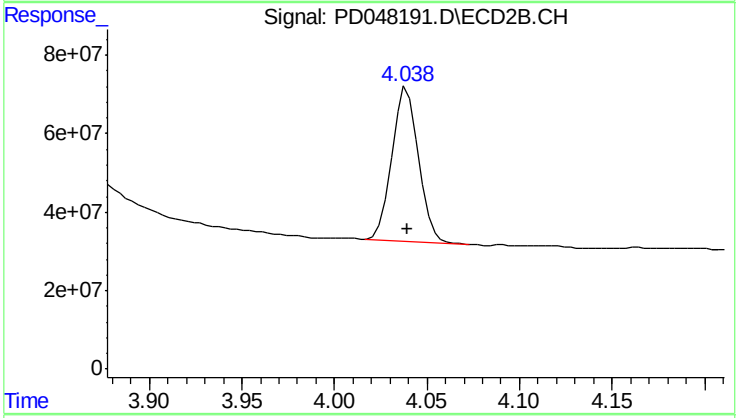




#1 Tetrachloro-m-xylene

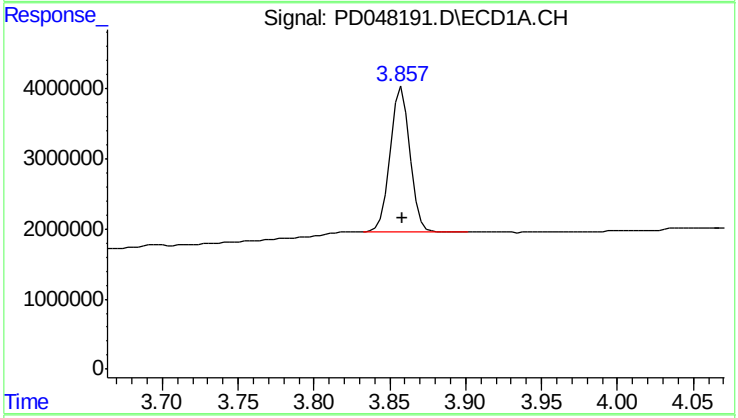
R.T.: 3.422 min
Delta R.T.: 0.000 min
Response: 23283983
Conc: 19.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



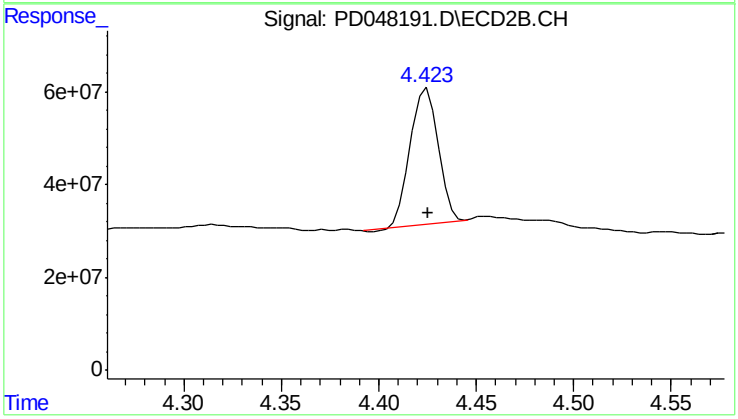
#1 Tetrachloro-m-xylene

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 391142792
Conc: 20.20 ng/ml



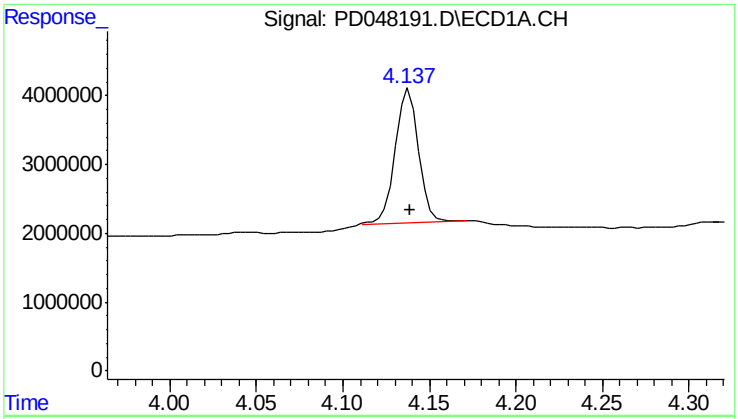
#2 alpha-BHC

R.T.: 3.858 min
Delta R.T.: 0.000 min
Response: 18375807
Conc: 9.56 ng/ml



#2 alpha-BHC

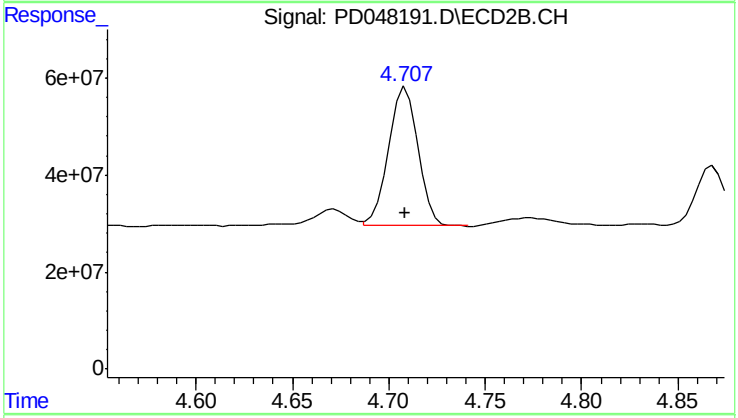
R.T.: 4.425 min
Delta R.T.: 0.000 min
Response: 288872700
Conc: 9.95 ng/ml



#3 gamma-BHC (Lindane)

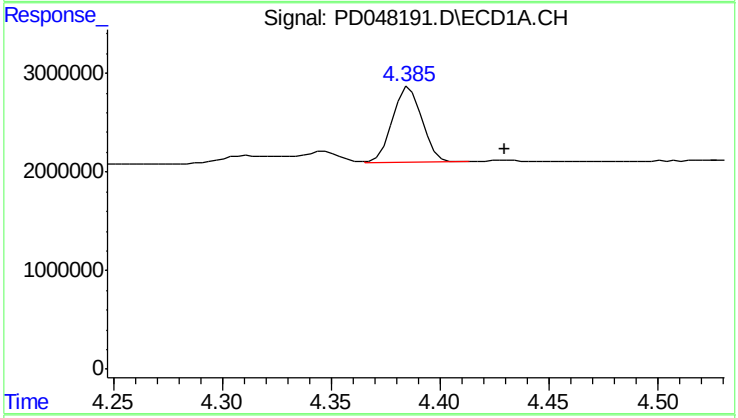
R.T.: 4.138 min
Delta R.T.: 0.000 min
Response: 18206135
Conc: 10.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



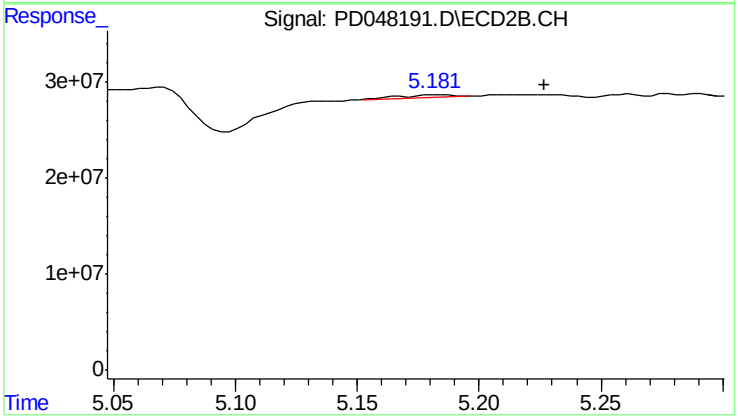
#3 gamma-BHC (Lindane)

R.T.: 4.709 min
Delta R.T.: 0.000 min
Response: 305640742
Conc: 11.09 ng/ml



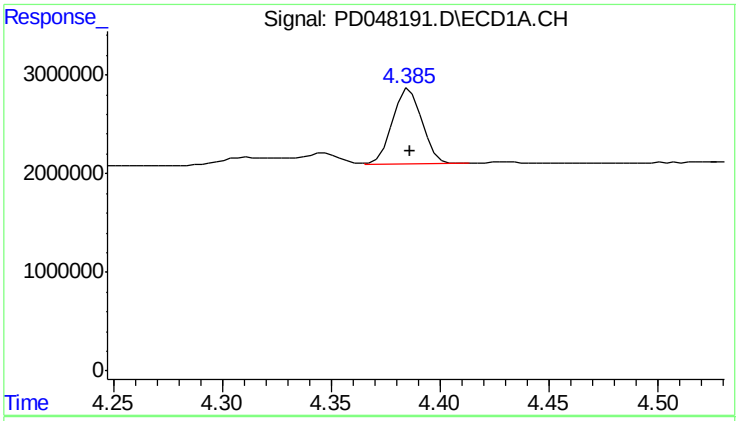
#4 Heptachlor

R.T.: 4.386 min
Delta R.T.: -0.044 min
Response: 7212100
Conc: 4.23 ng/ml



#4 Heptachlor

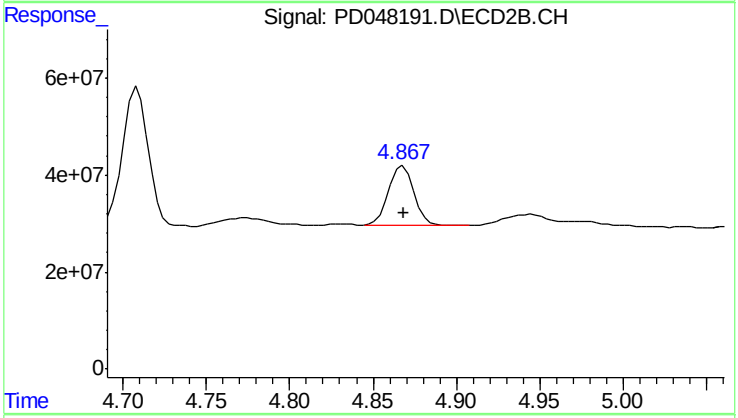
R.T.: 5.182 min
Delta R.T.: -0.045 min
Response: 5844245
Conc: 0.22 ng/ml



#6 beta-BHC

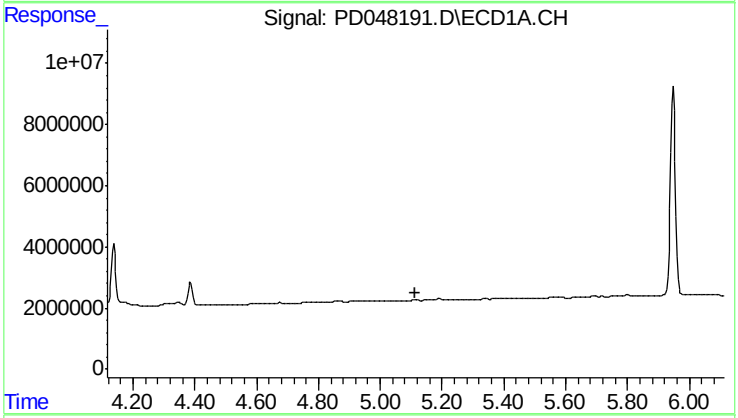
R.T.: 4.386 min
Delta R.T.: 0.000 min
Response: 7212100
Conc: 9.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



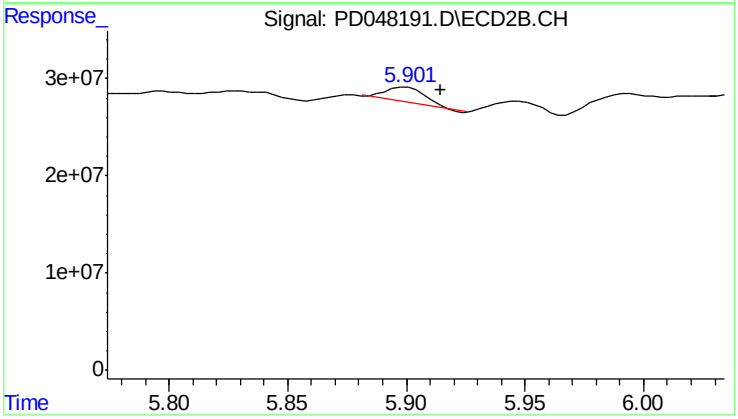
#6 beta-BHC

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 129662860
Conc: 10.65 ng/ml



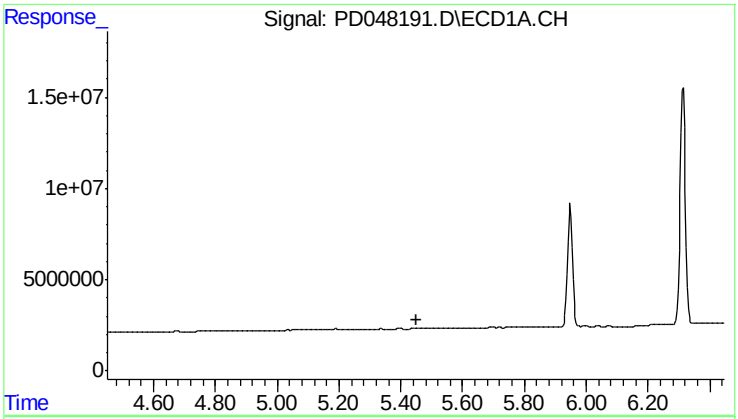
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.115 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

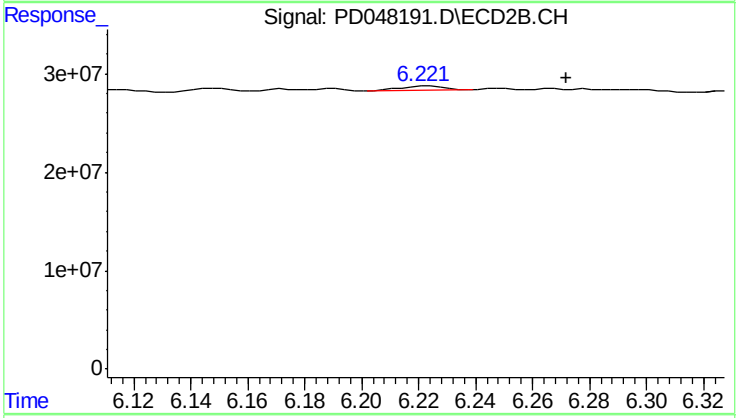
R.T.: 5.900 min
Delta R.T.: -0.014 min
Response: 19000027
Conc: 1.08 ng/ml



#9 Endosulfan I

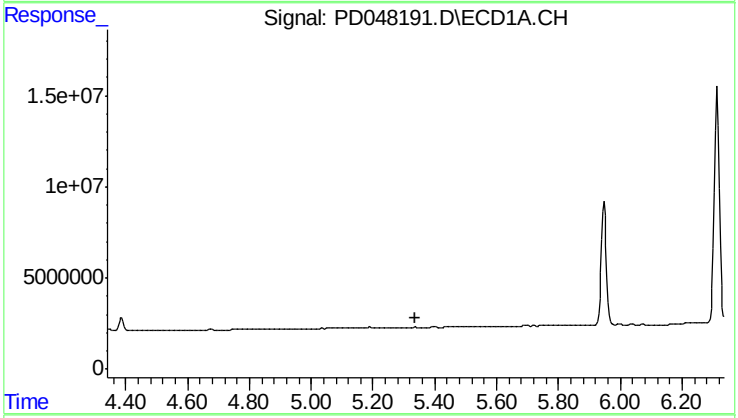
R.T.: 0.000 min
Exp R.T. : 5.450 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



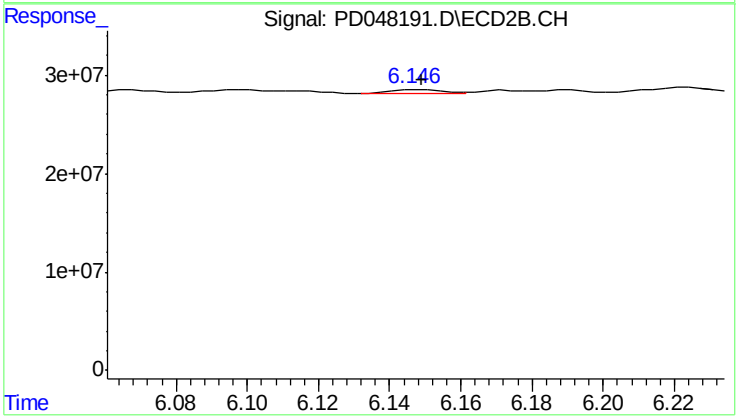
#9 Endosulfan I

R.T.: 6.223 min
Delta R.T.: -0.049 min
Response: 3856400
Conc: 0.18 ng/ml



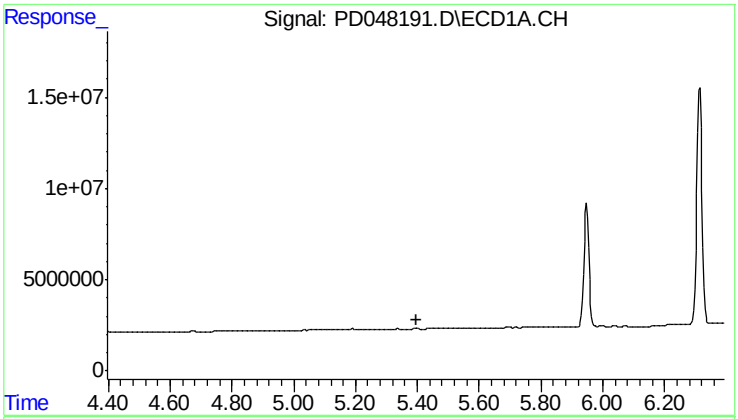
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.338 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

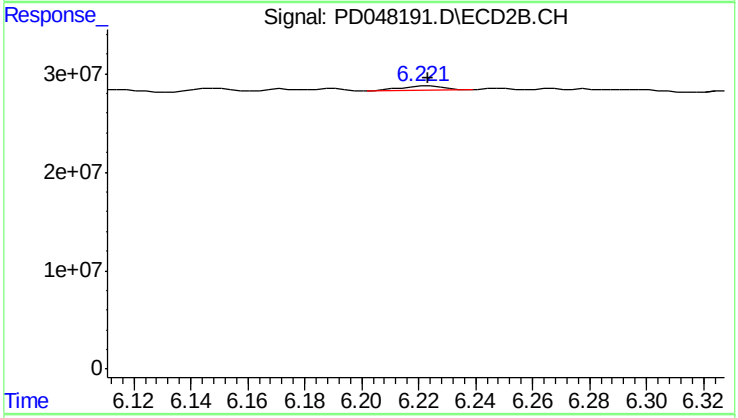
R.T.: 6.148 min
Delta R.T.: -0.001 min
Response: 3846597
Conc: 0.16 ng/ml



#11 alpha-Chlordane

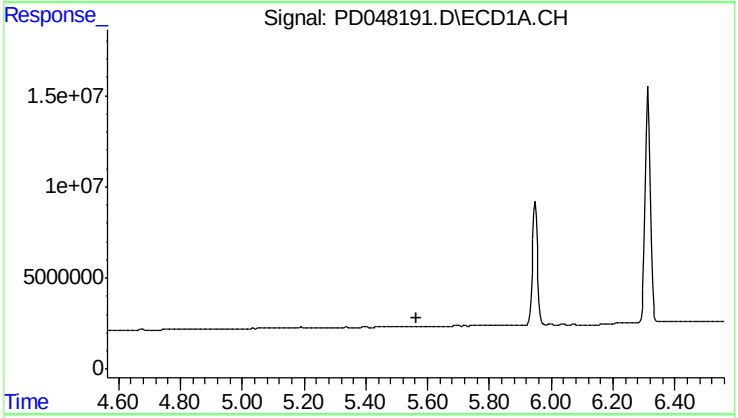
R.T.: 0.000 min
Exp R.T. : 5.396 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



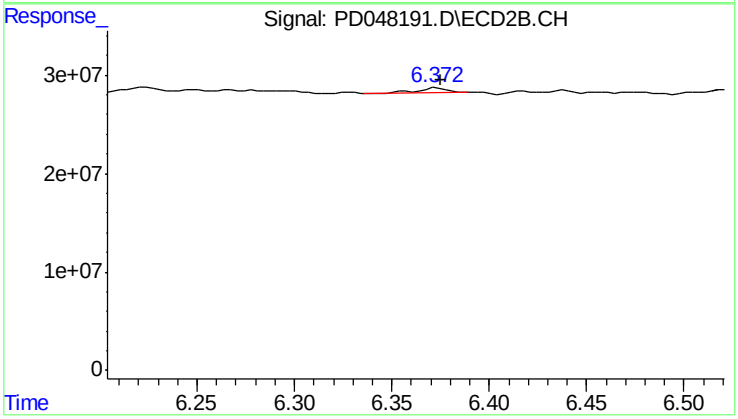
#11 alpha-Chlordane

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 3856400
Conc: 0.17 ng/ml



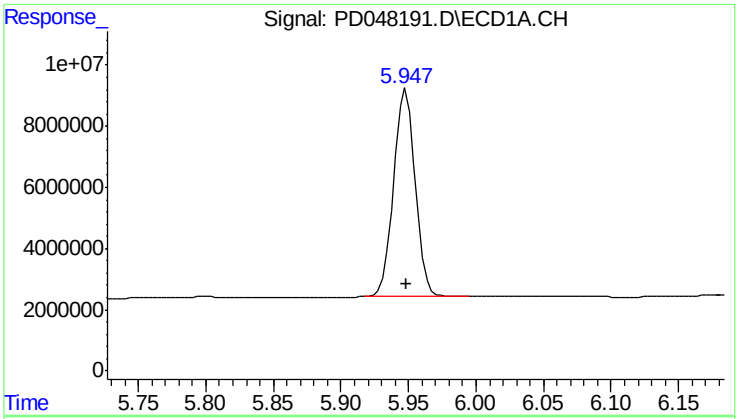
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.562 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

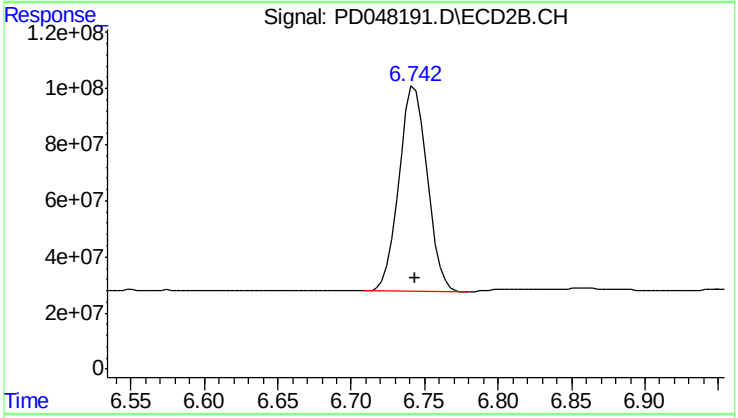
R.T.: 6.373 min
Delta R.T.: -0.002 min
Response: 4245753
Conc: 0.19 ng/ml



#14 Endrin

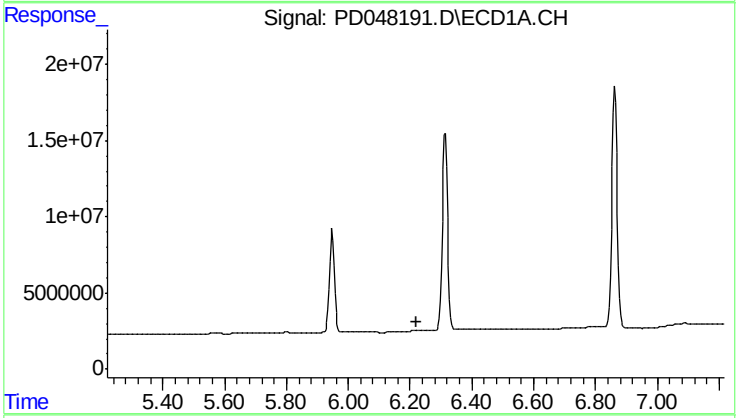
R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 75547461
Conc: 48.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



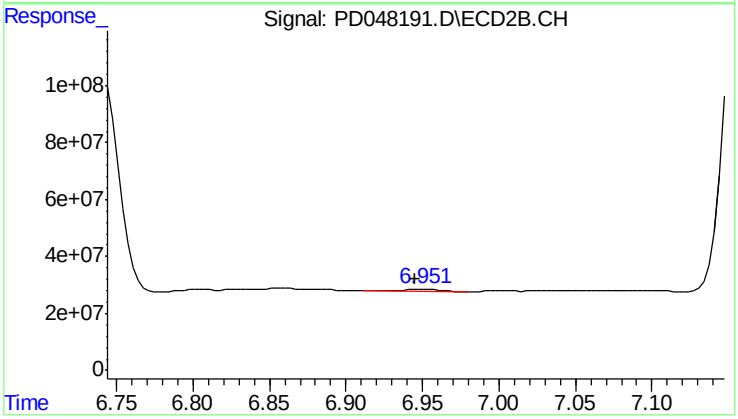
#14 Endrin

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 979924510
Conc: 48.17 ng/ml



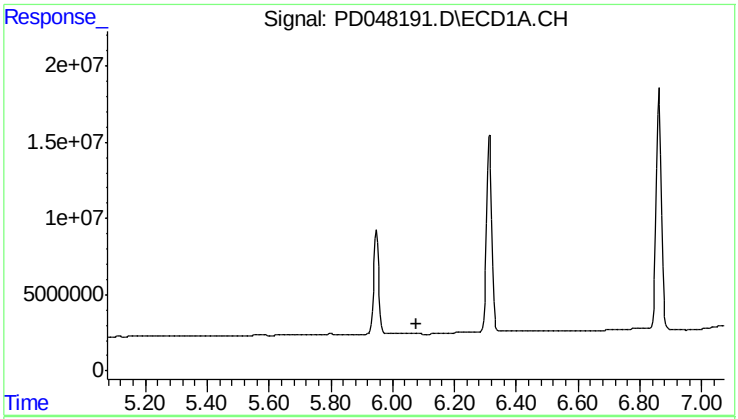
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.220 min
Response: 0
Conc: N.D.



#15 Endosulfan II

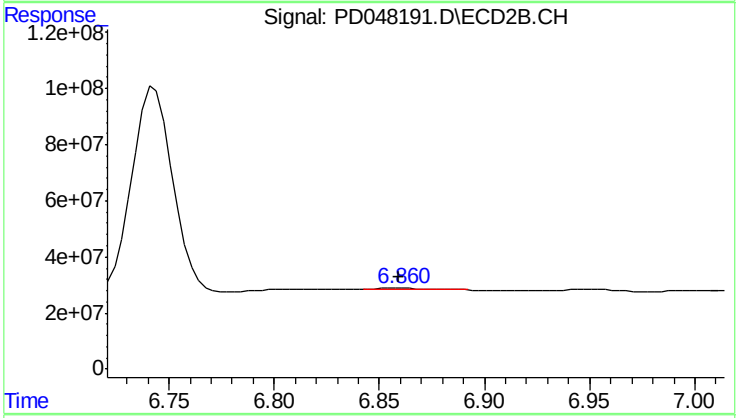
R.T.: 6.951 min
Delta R.T.: 0.005 min
Response: 16558653
Conc: 0.81 ng/ml



#16 4,4'-DDD

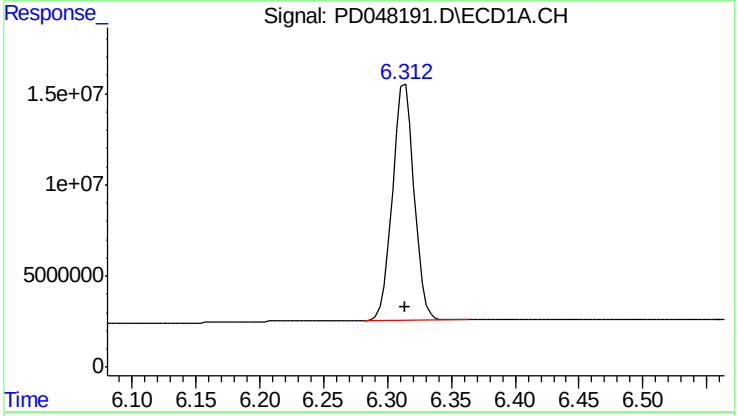
R.T.: 0.000 min
Exp R.T. : 6.076 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



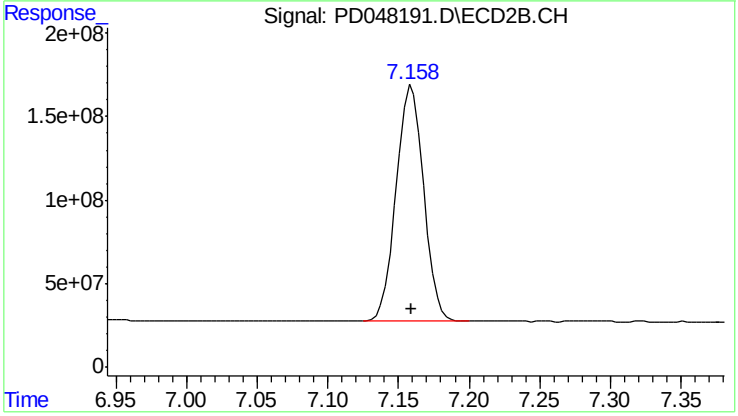
#16 4,4'-DDD

R.T.: 6.856 min
Delta R.T.: -0.003 min
Response: 8825931
Conc: 0.47 ng/ml



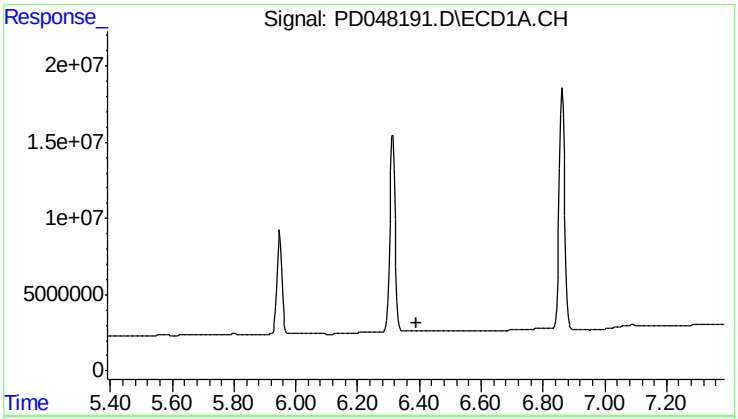
#17 4,4'-DDT

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 151995598
Conc: 110.59 ng/ml



#17 4,4'-DDT

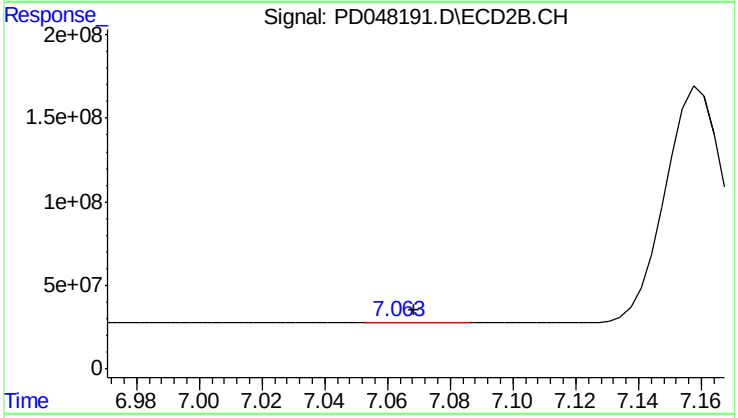
R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 1892255093
Conc: 100.71 ng/ml



#18 Endrin aldehyde

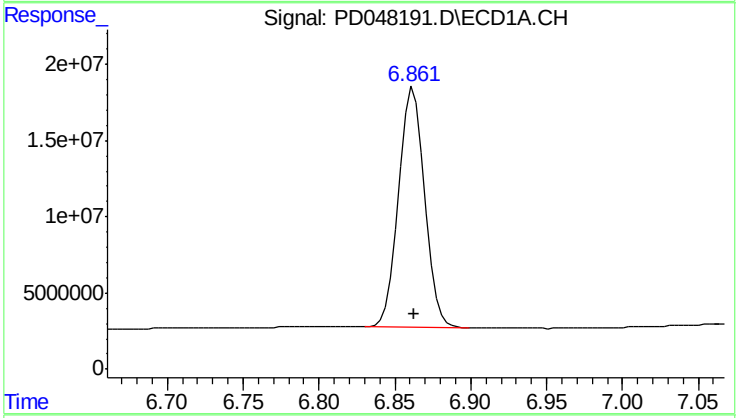
R.T.: 0.000 min
Exp R.T. : 6.390 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



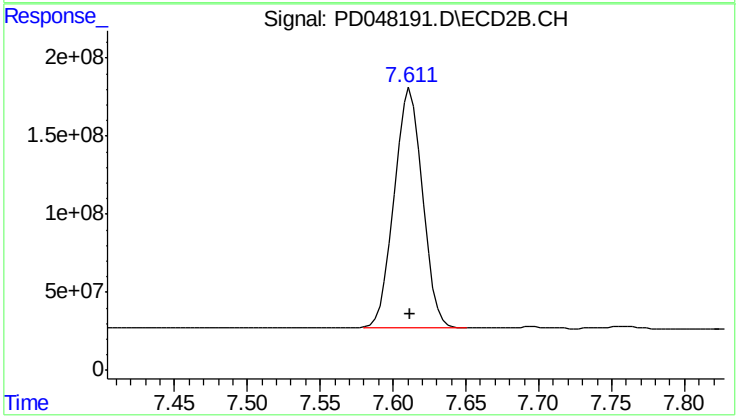
#18 Endrin aldehyde

R.T.: 7.064 min
Delta R.T.: -0.004 min
Response: 5378929
Conc: 0.32 ng/ml



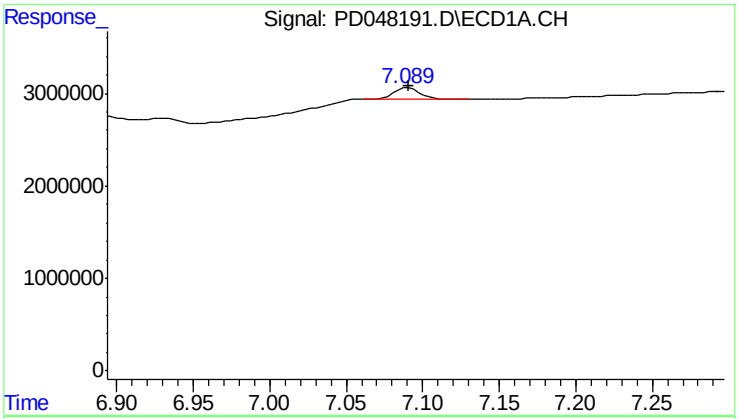
#20 Methoxychlor

R.T.: 6.862 min
Delta R.T.: 0.000 min
Response: 185412940
Conc: 249.43 ng/ml



#20 Methoxychlor

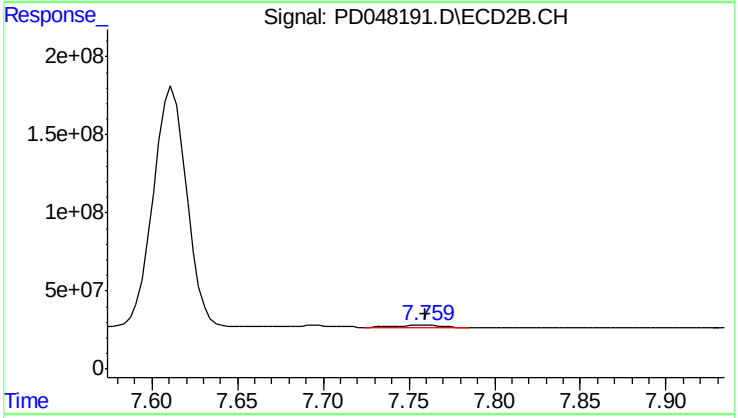
R.T.: 7.612 min
Delta R.T.: 0.000 min
Response: 2070310449
Conc: 216.62 ng/ml



#21 Endrin ketone

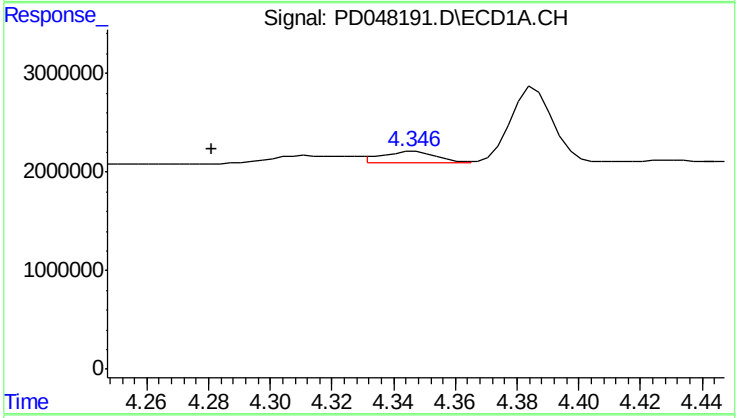
R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 1444011
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



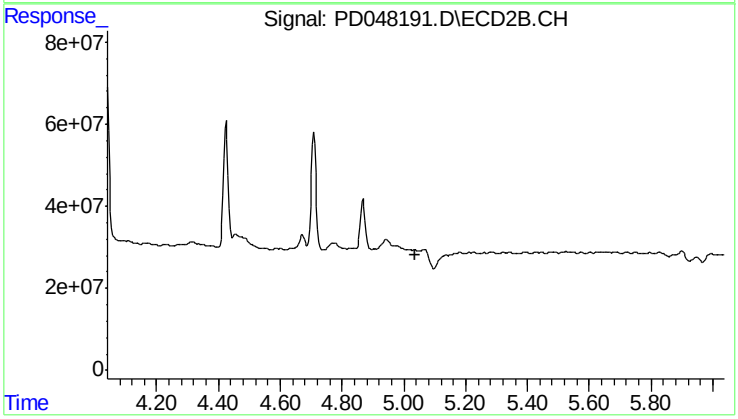
#21 Endrin ketone

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 20254816
Conc: 1.07 ng/ml



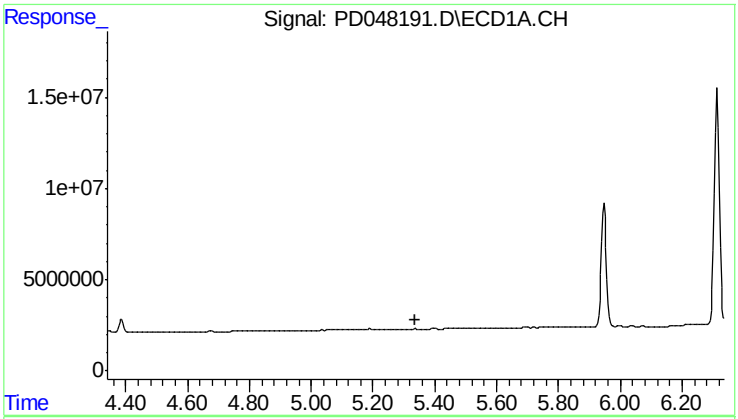
#23 Chlordane-1

R.T.: 4.347 min
Delta R.T.: 0.066 min
Response: 1385167
Conc: 25.52 ng/ml



#23 Chlordane-1

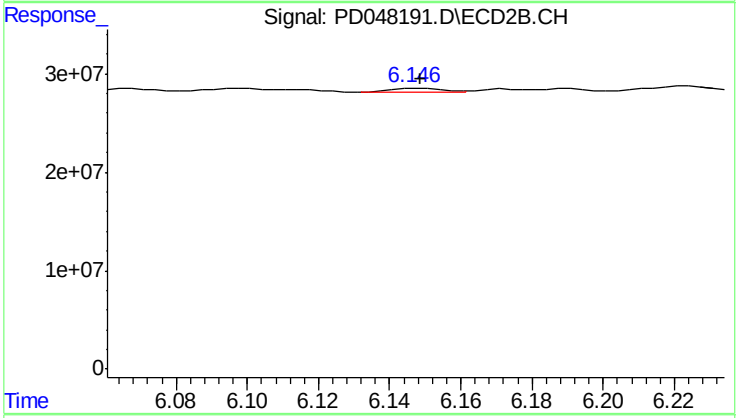
R.T.: 0.000 min
Exp R.T. : 5.039 min
Response: 0
Conc: N.D.



#25 Chlordane-3

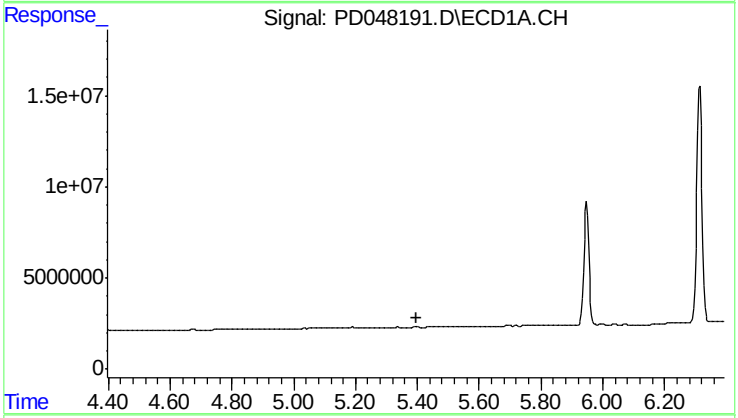
R.T.: 0.000 min
Exp R.T. : 5.338 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



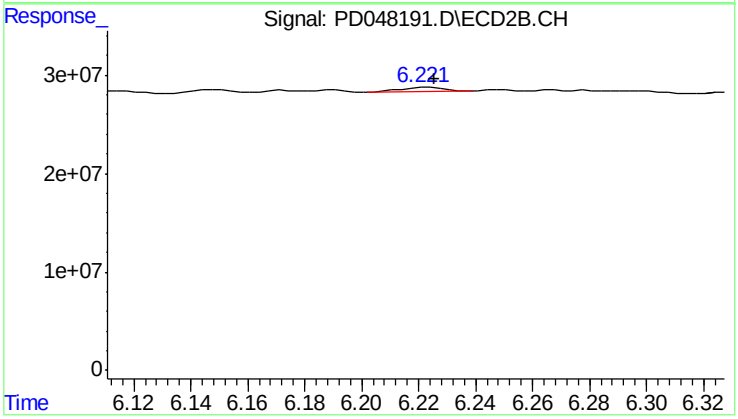
#25 Chlordane-3

R.T.: 6.148 min
Delta R.T.: -0.001 min
Response: 3846597
Conc: 1.15 ng/ml



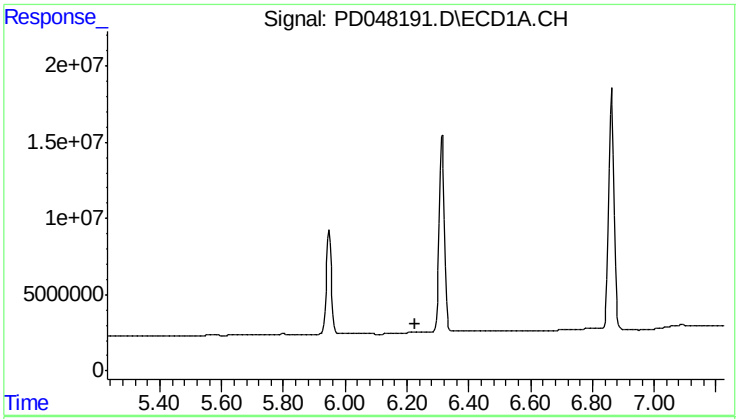
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.397 min
Response: 0
Conc: N.D.



#26 Chlordane-4

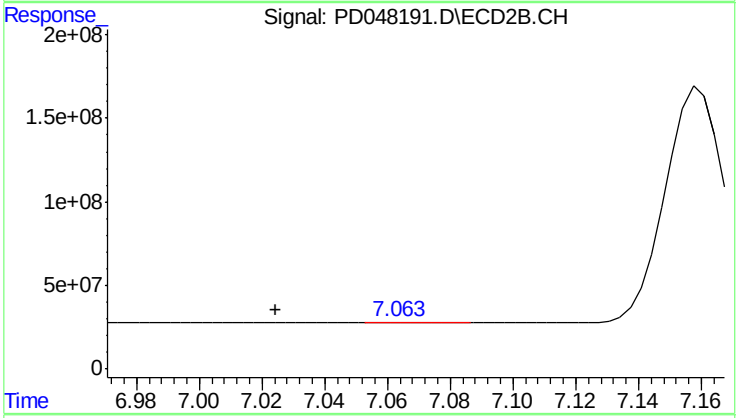
R.T.: 6.223 min
Delta R.T.: -0.002 min
Response: 3856400
Conc: 1.00 ng/ml



#27 Chlordane-5

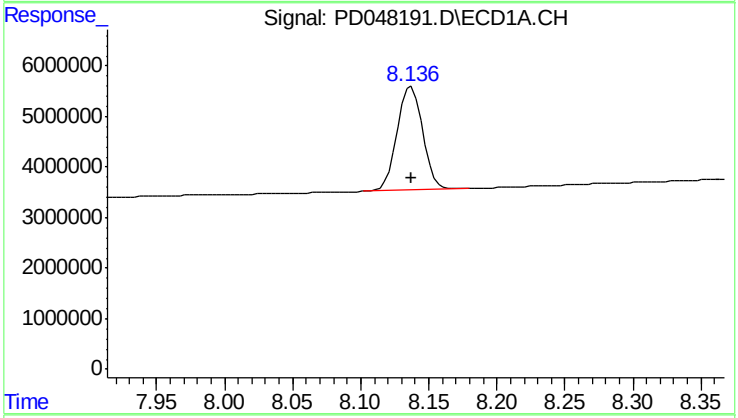
R.T.: 0.000 min
Exp R.T. : 6.229 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



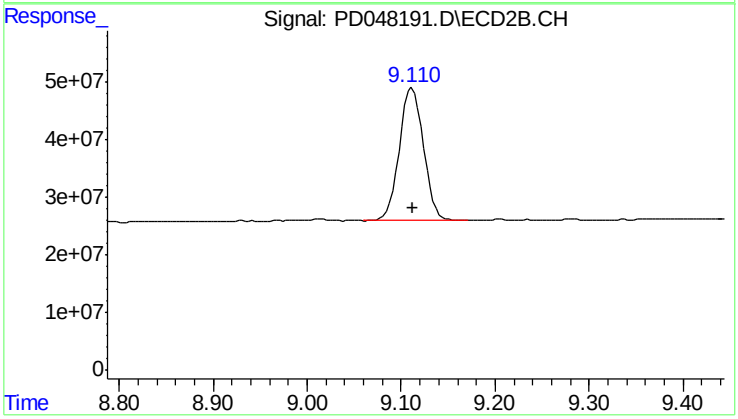
#27 Chlordane-5

R.T.: 7.064 min
Delta R.T.: 0.040 min
Response: 5378929
Conc: 6.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 26773993
Conc: 20.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 411948430
Conc: 22.18 ng/ml