Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092318\
Data File : PD049395.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Sep 2018 10:51
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: Sep 24 01:59:54 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092318.M
Quant Title : GC Extractables
QLast Update : Mon Sep 24 01:44:23 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...	3.295	3.913	19344327	197.4E6	19.251	21.991	
28)	SA Decachlor...	7.949	8.900	22387851	74358681	20.704	22.060	
	Target Compounds							
2)	A alpha-BHC	3.721	4.290	14043964	141.4E6	8.634	10.800	#
3)	MA gamma-BHC...	3.995	4.568	14424244	133.9E6	9.381	11.144	
4)	MA Heptachlor	4.241f	5.033f	6407505	2658443	4.292	0.284	#
5)	MB Aldrin	0.000	5.386	0	187736	N.D.	0.018	#
6)	B beta-BHC	4.241	4.728	6407505	53707549	10.141	11.409	
7)	B delta-BHC	0.000	4.965	0	151351	N.D.	0.014	#
8)	B Heptachlo...	0.000	5.744	0	3396122	N.D.	0.348	#
9)	A Endosulfan I	0.000	6.078	0	1999604	N.D.	0.229	#
10)	B gamma-Chl...	0.000	6.013	0	442948	N.D.	0.047	#
11)	B alpha-Chl...	0.000	6.078	0	1999604	N.D.	0.217	#
12)	B 4,4'-DDE	0.000	6.216	0	3587608	N.D.	0.519	#
13)	MA Dieldrin	0.000	6.374	0	460134	N.D.	0.049	#
14)	MA Endrin	5.769	6.572	56491695	366.1E6	44.948	50.397	
15)	B Endosulfa...	0.000	6.798	0	2531300	N.D.	0.351	#
16)	A 4,4'-DDD	0.000	6.696	0	6602505	N.D.	1.515	#
17)	MA 4,4'-DDT	6.137	6.993	120.0E6	504.3E6	103.554	109.177	
18)	B Endrin al...	6.210	6.898	2706301	17918208	2.495	3.239	#
20)	A Methoxychlor	6.685	7.447	140.6E6	395.7E6	252.778	277.867	
21)	B Endrin ke...	6.901	7.582	3052244	12939158	2.229	2.022	
23)	Chlordane-1	0.000	4.911	0	791715	N.D.	1.868	#
24)	Chlordane-2	0.000	5.386	0	187736	N.D.	0.454	#
25)	Chlordane-3	0.000	6.013	0	442948	N.D.	0.330	#
26)	Chlordane-4	0.000	6.078	0	1999604	N.D.	1.272	#
27)	Chlordane-5	0.000	6.898	0	17918208	N.D.	57.930	#

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

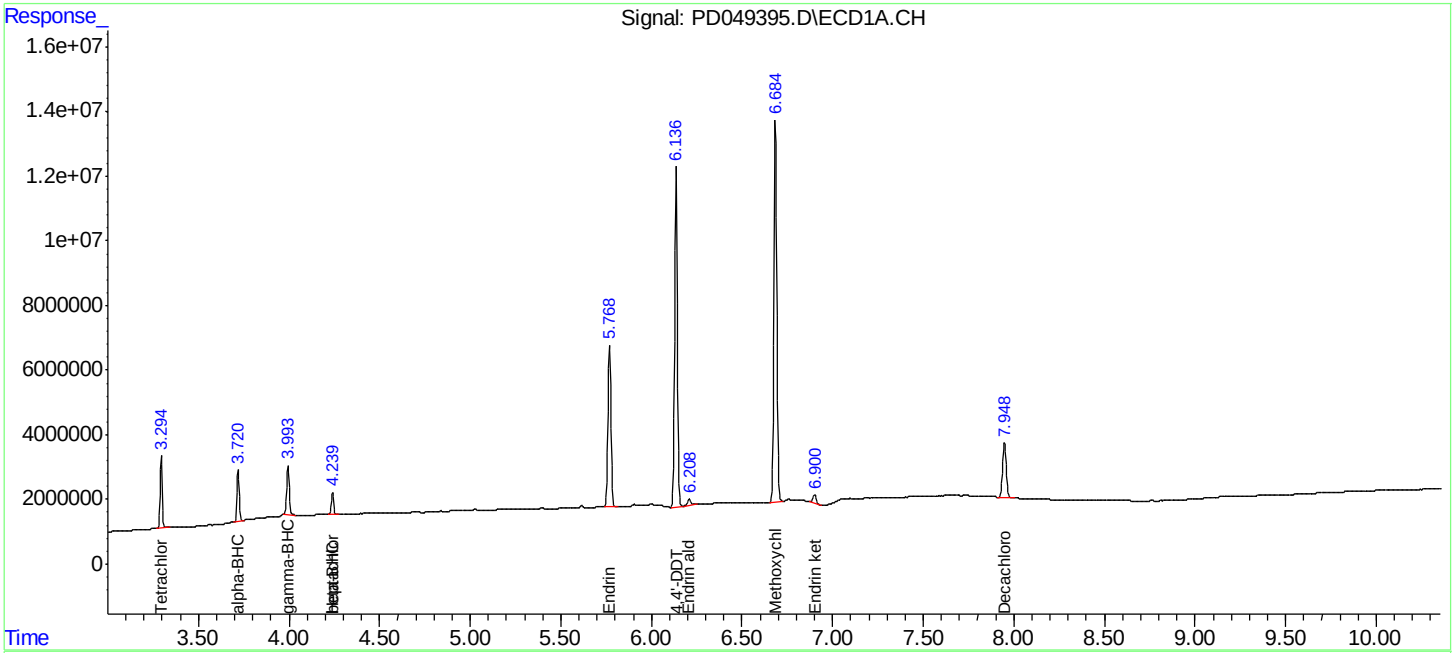
Quantitation Report (Not Reviewed)

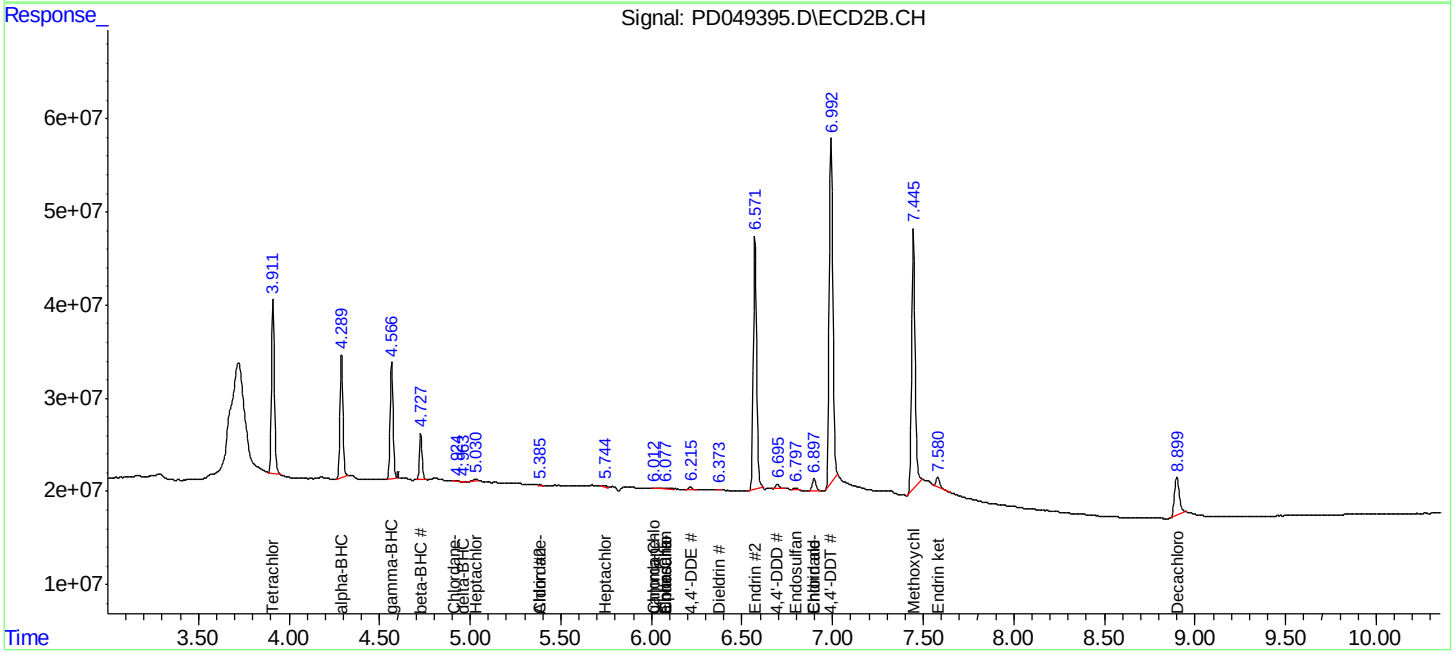
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092318\
Data File : PD049395.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Sep 2018 10:51
Operator : AJ\SJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

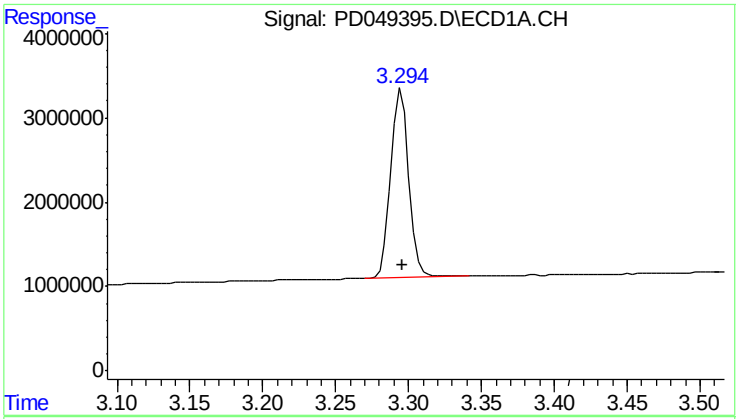
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 01:59:54 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092318.M
Quant Title : GC Extractables
QLast Update : Mon Sep 24 01:44:23 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



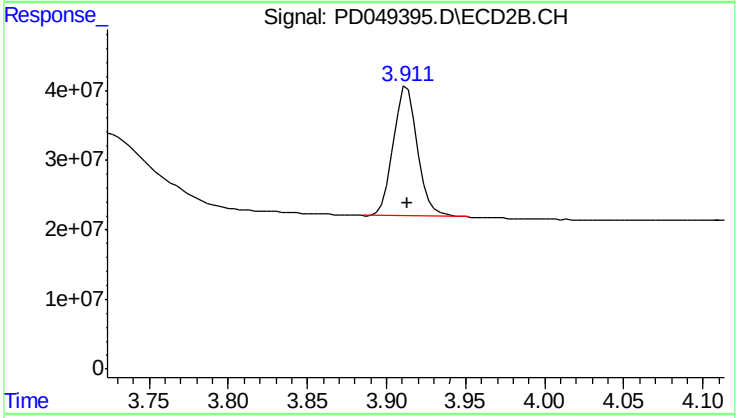




#1 Tetrachloro-m-xylene

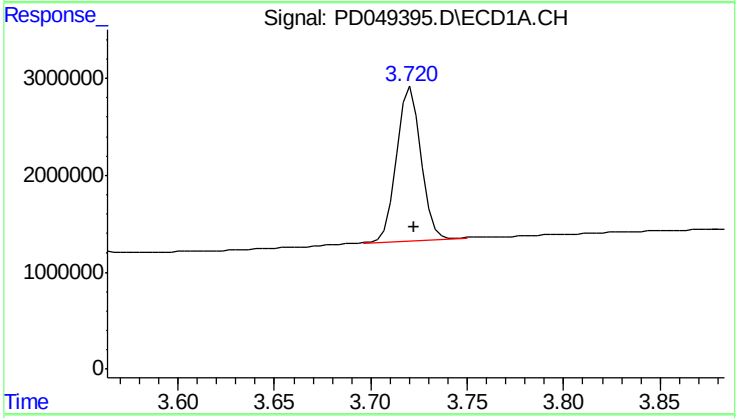
R.T.: 3.295 min
Delta R.T.: 0.000 min
Response: 19344327
Conc: 19.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



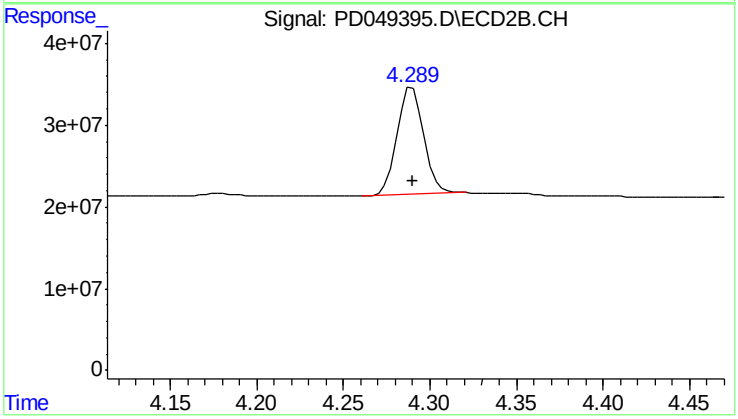
#1 Tetrachloro-m-xylene

R.T.: 3.913 min
Delta R.T.: 0.000 min
Response: 197440824
Conc: 21.99 ng/ml



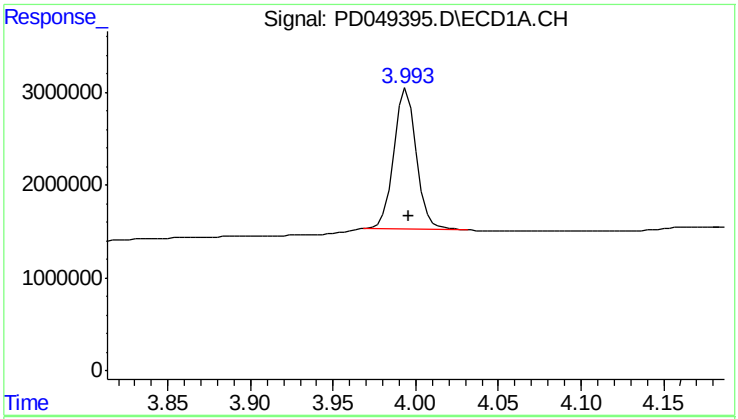
#2 alpha-BHC

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 14043964
Conc: 8.63 ng/ml



#2 alpha-BHC

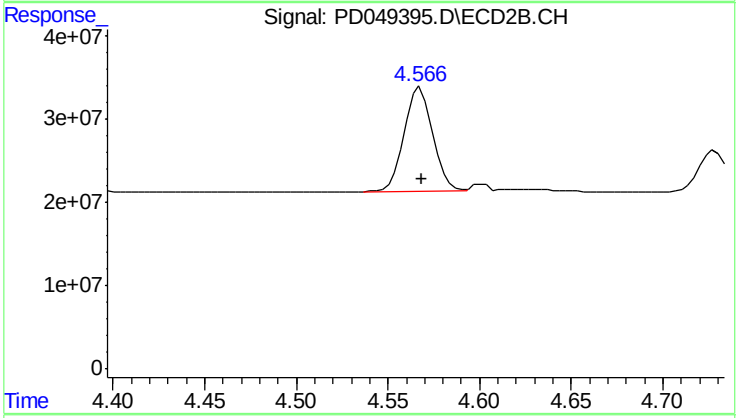
R.T.: 4.290 min
Delta R.T.: 0.000 min
Response: 141411933
Conc: 10.80 ng/ml



#3 gamma-BHC (Lindane)

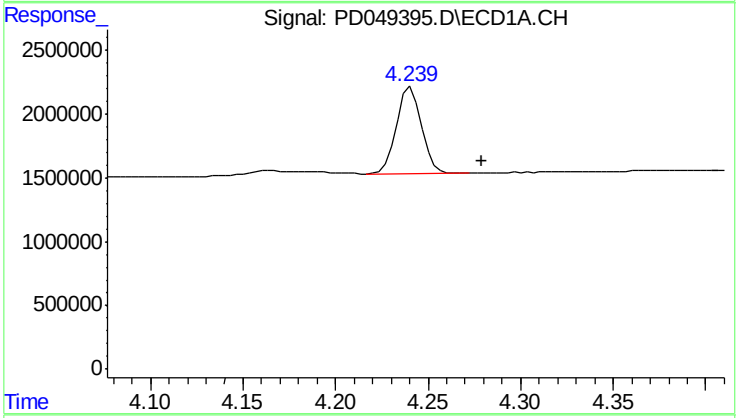
R.T.: 3.995 min
Delta R.T.: -0.001 min
Response: 14424244
Conc: 9.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



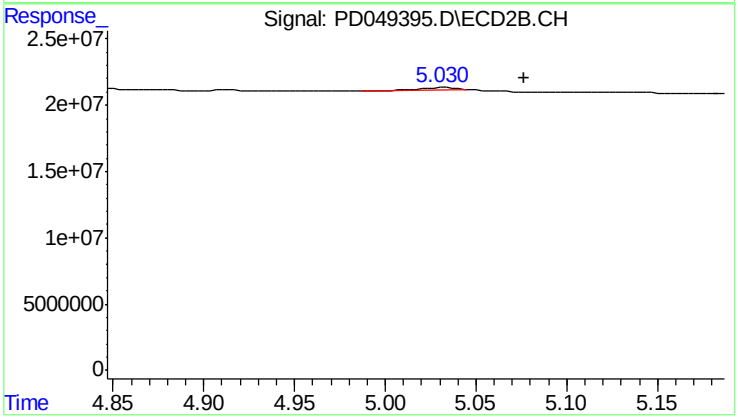
#3 gamma-BHC (Lindane)

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 133909434
Conc: 11.14 ng/ml



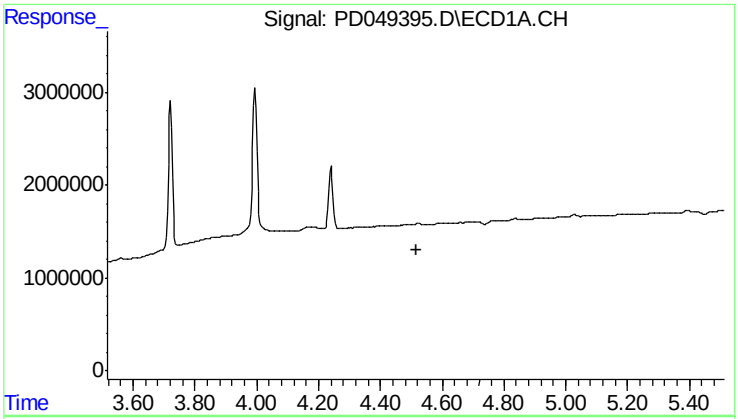
#4 Heptachlor

R.T.: 4.241 min
Delta R.T.: -0.038 min
Response: 6407505
Conc: 4.29 ng/ml



#4 Heptachlor

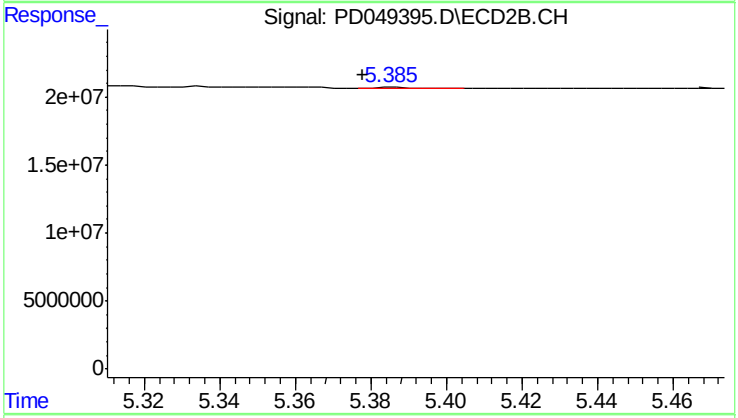
R.T.: 5.033 min
Delta R.T.: -0.044 min
Response: 2658443
Conc: 0.28 ng/ml



#5 Aldrin

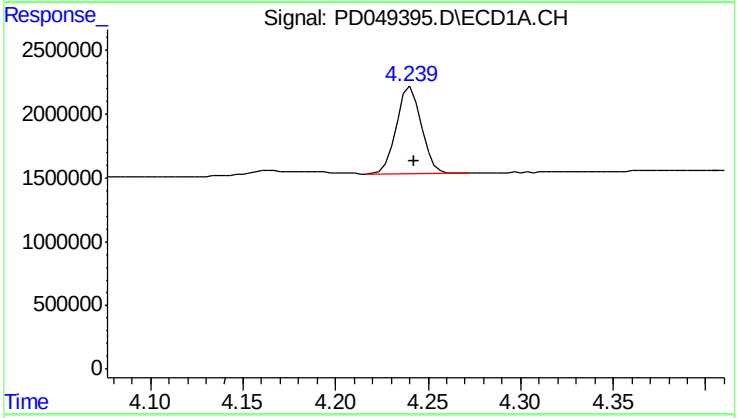
R.T.: 0.000 min
Exp R.T. : 4.517 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



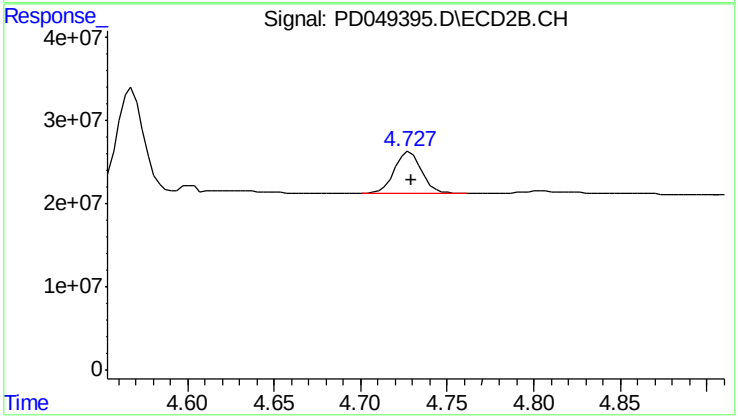
#5 Aldrin

R.T.: 5.386 min
Delta R.T.: 0.008 min
Response: 187736
Conc: 0.02 ng/ml



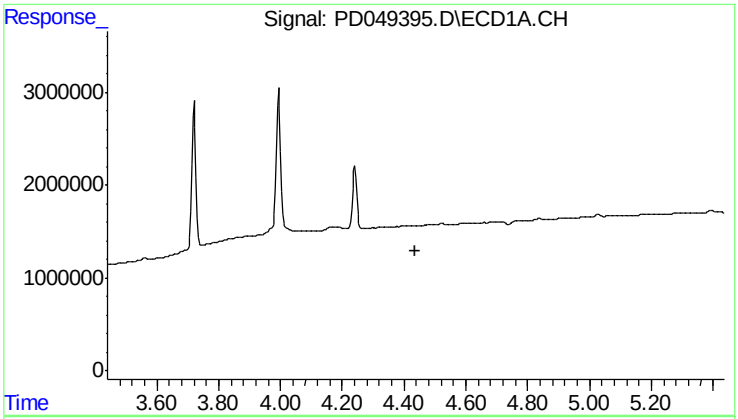
#6 beta-BHC

R.T.: 4.241 min
Delta R.T.: -0.002 min
Response: 6407505
Conc: 10.14 ng/ml



#6 beta-BHC

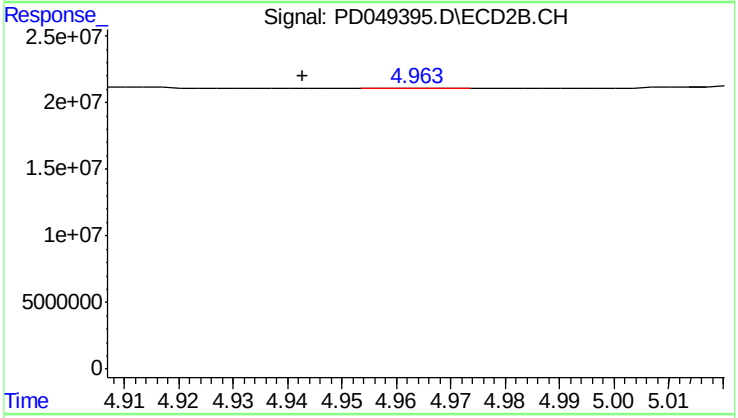
R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 53707549
Conc: 11.41 ng/ml



#7 delta-BHC

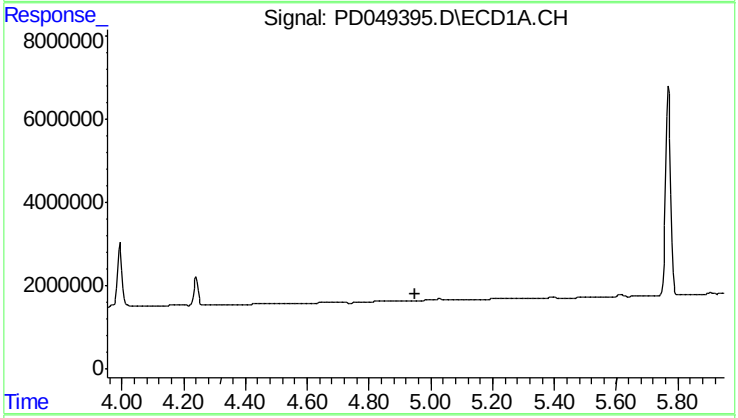
R.T.: 0.000 min
Exp R.T. : 4.437 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



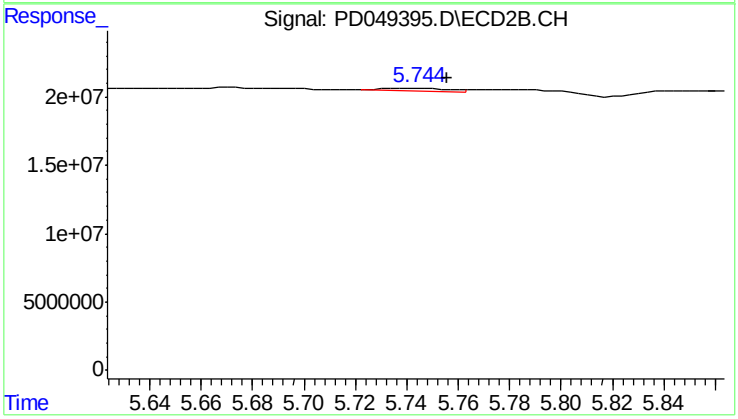
#7 delta-BHC

R.T.: 4.965 min
Delta R.T.: 0.022 min
Response: 151351
Conc: 0.01 ng/ml



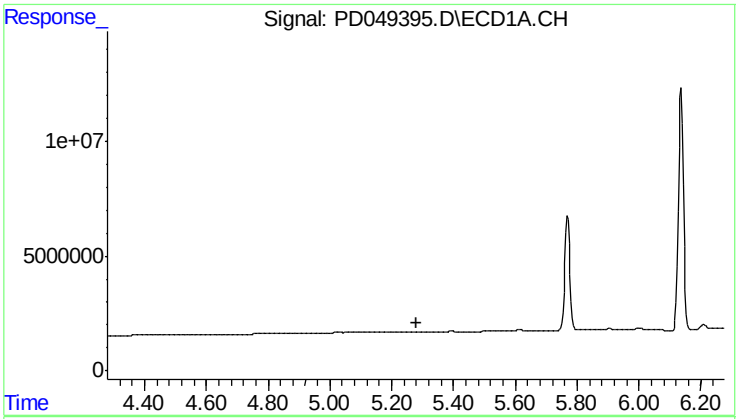
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.951 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

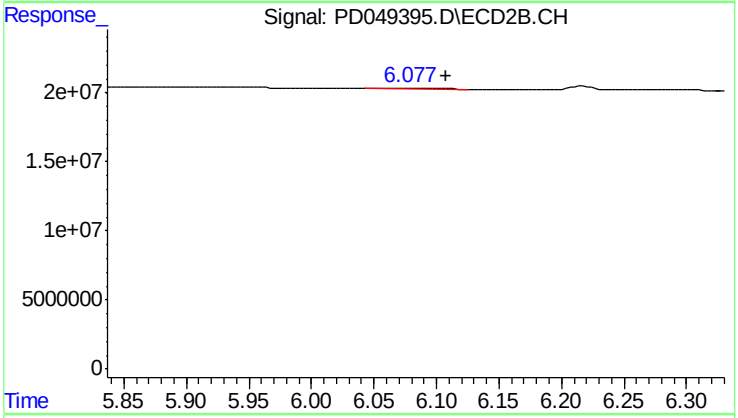
R.T.: 5.744 min
Delta R.T.: -0.012 min
Response: 3396122
Conc: 0.35 ng/ml



#9 Endosulfan I

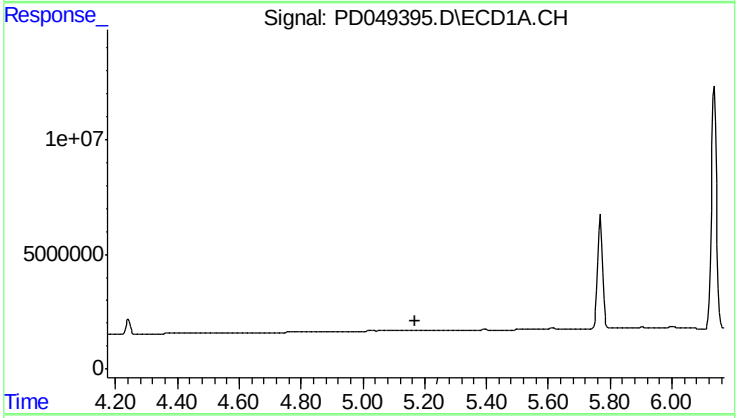
R.T.: 0.000 min
Exp R.T. : 5.280 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



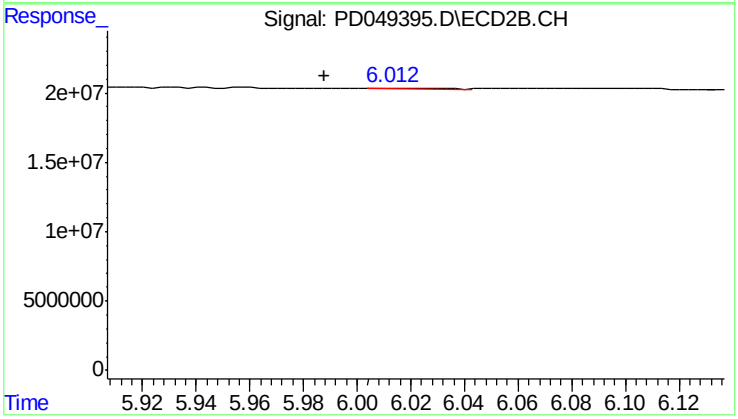
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: -0.029 min
Response: 1999604
Conc: 0.23 ng/ml



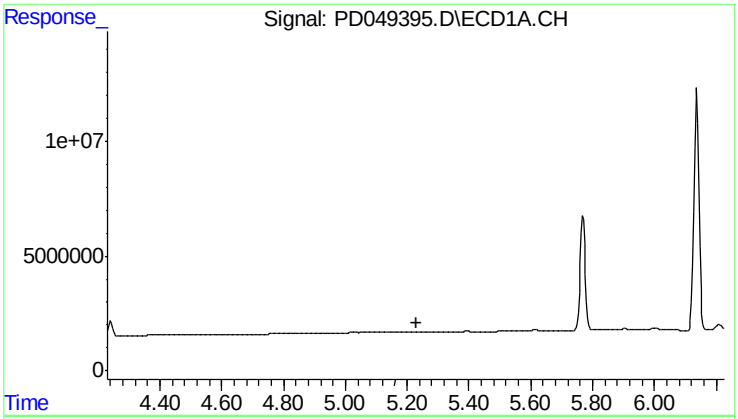
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.171 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

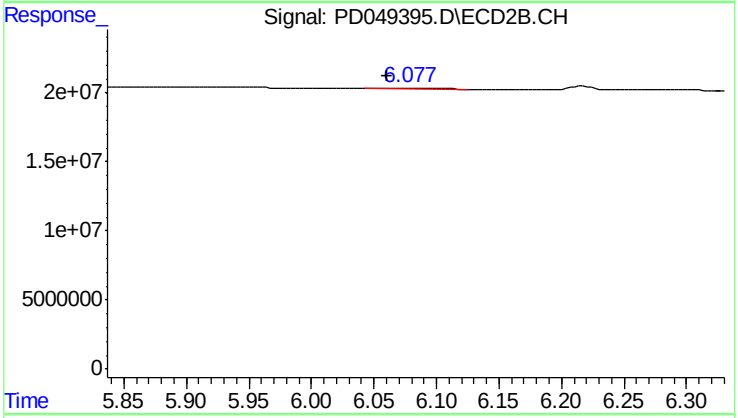
R.T.: 6.013 min
Delta R.T.: 0.025 min
Response: 442948
Conc: 0.05 ng/ml



#11 alpha-Chlordane

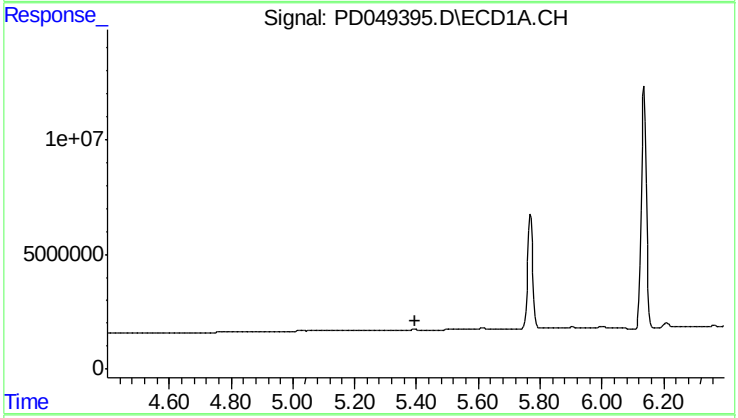
R.T.: 0.000 min
Exp R.T. : 5.229 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



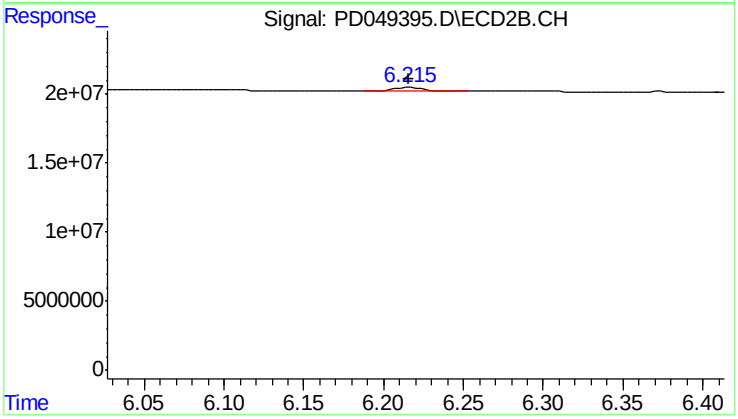
#11 alpha-Chlordane

R.T.: 6.078 min
Delta R.T.: 0.017 min
Response: 1999604
Conc: 0.22 ng/ml



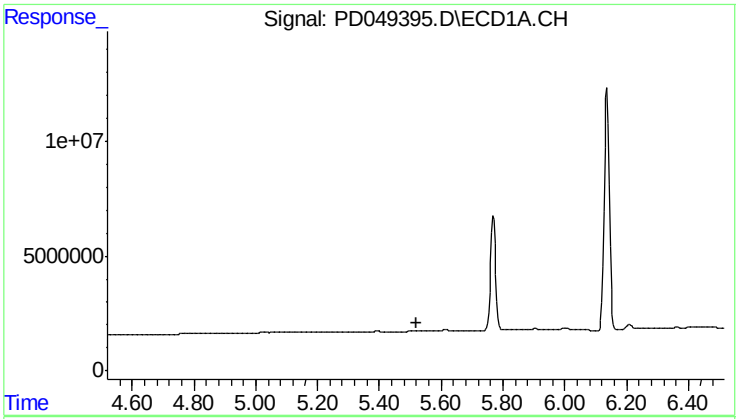
#12 4,4'-DDE

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



#12 4,4'-DDE

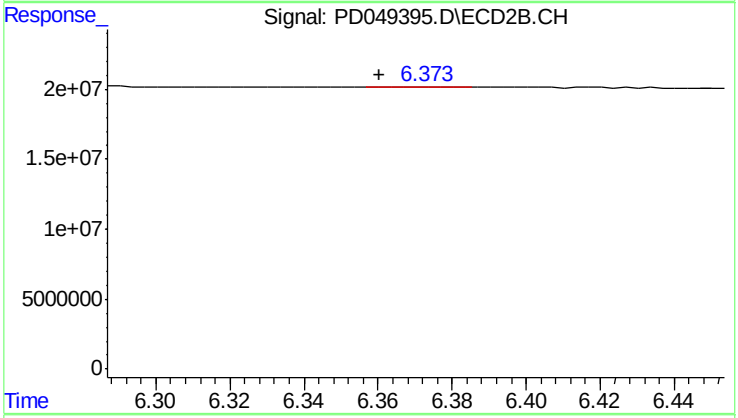
R.T.: 6.216 min
Delta R.T.: 0.000 min
Response: 3587608
Conc: 0.52 ng/ml



#13 Dieldrin

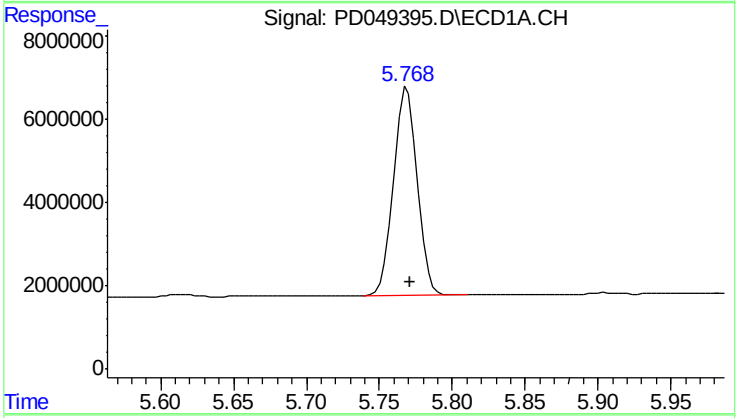
R.T.: 0.000 min
Exp R.T. : 5.519 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



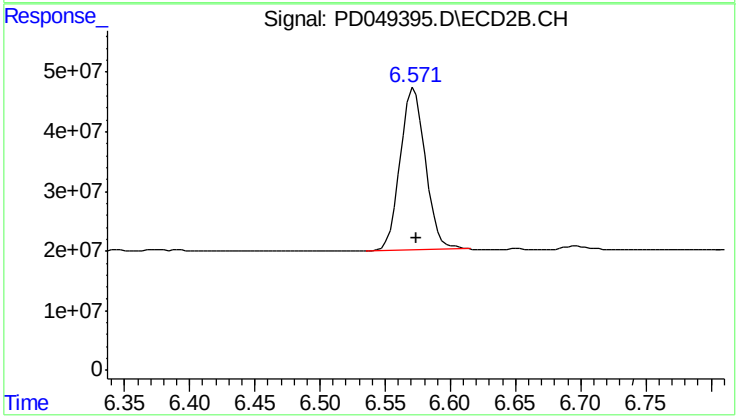
#13 Dieldrin

R.T.: 6.374 min
Delta R.T.: 0.013 min
Response: 460134
Conc: 0.05 ng/ml



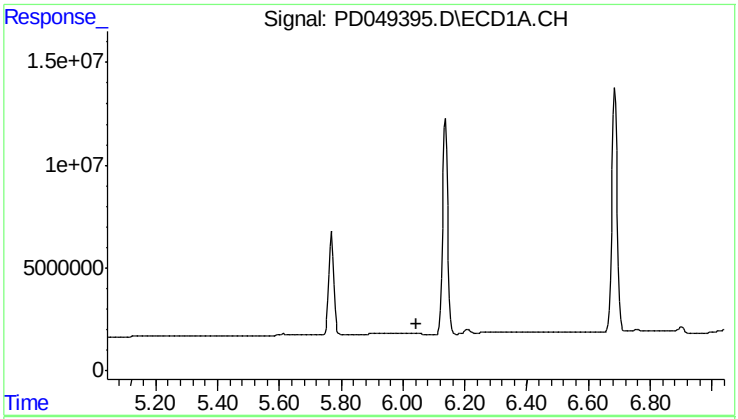
#14 Endrin

R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 56491695
Conc: 44.95 ng/ml



#14 Endrin

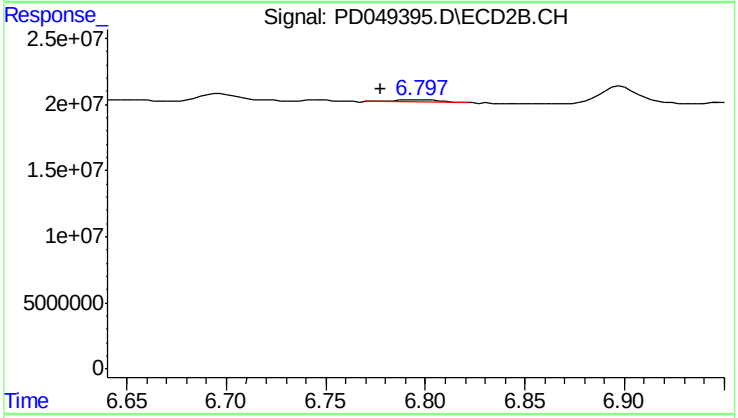
R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 366139922
Conc: 50.40 ng/ml



#15 Endosulfan II

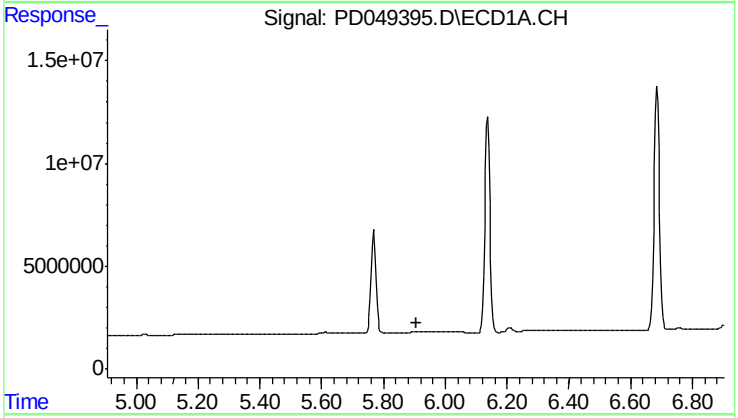
R.T.: 0.000 min
Exp R.T. : 6.043 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



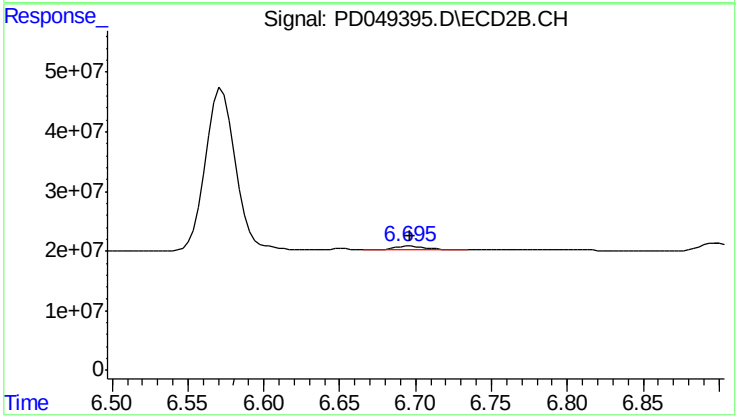
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.021 min
Response: 2531300
Conc: 0.35 ng/ml



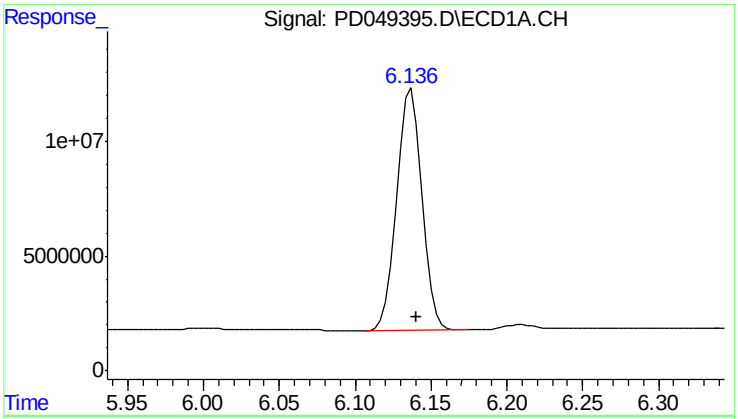
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 5.905 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

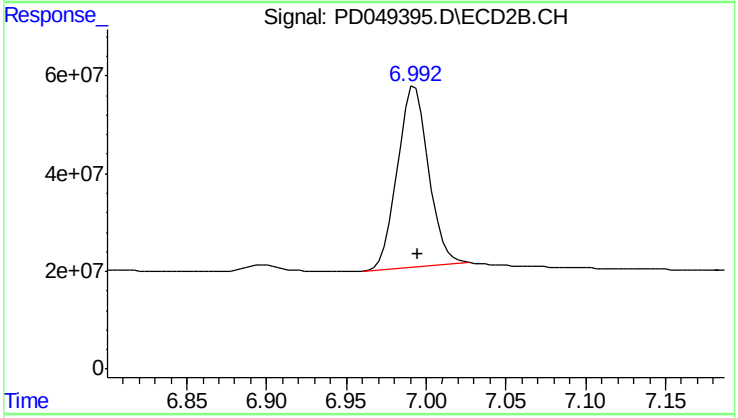
R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 6602505
Conc: 1.52 ng/ml



#17 4,4'-DDT

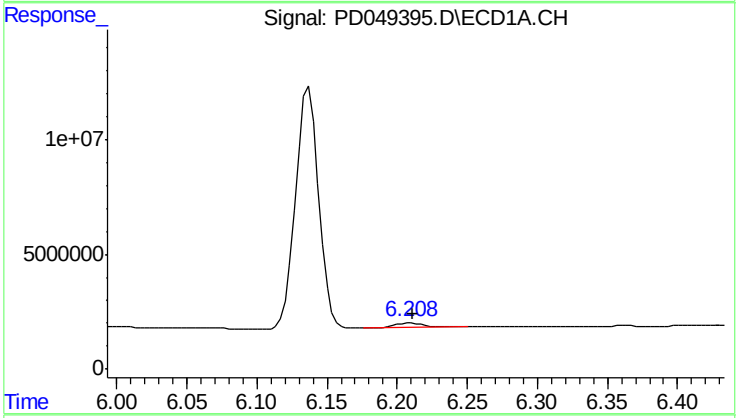
R.T.: 6.137 min
Delta R.T.: -0.003 min
Response: 119977220
Conc: 103.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



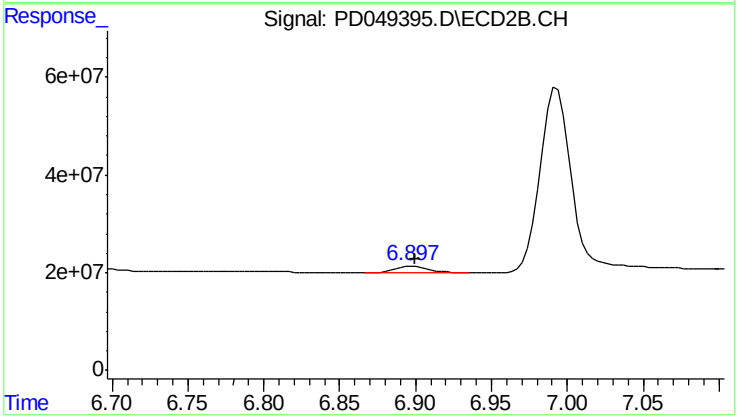
#17 4,4'-DDT

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 504269940
Conc: 109.18 ng/ml



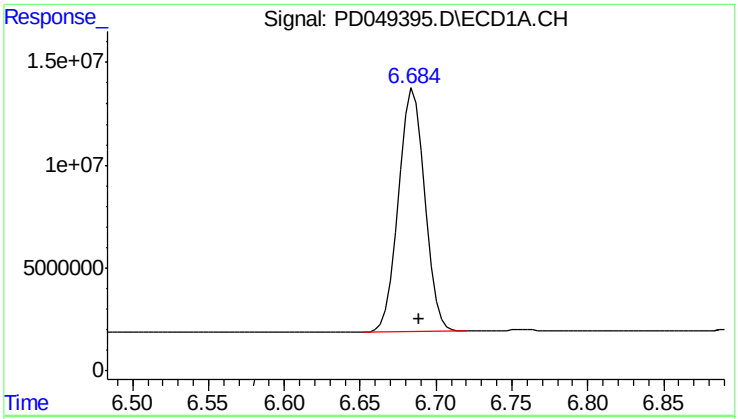
#18 Endrin aldehyde

R.T.: 6.210 min
Delta R.T.: -0.002 min
Response: 2706301
Conc: 2.50 ng/ml



#18 Endrin aldehyde

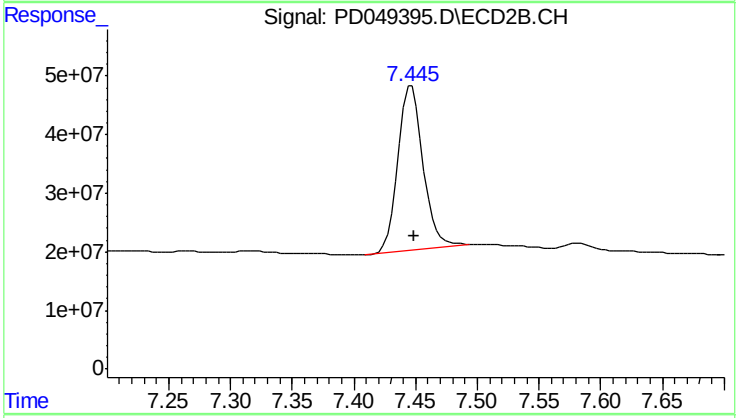
R.T.: 6.898 min
Delta R.T.: -0.001 min
Response: 17918208
Conc: 3.24 ng/ml



#20 Methoxychlor

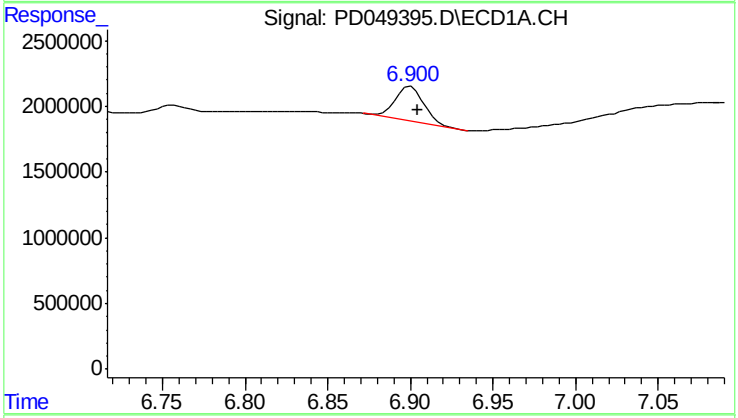
R.T.: 6.685 min
Delta R.T.: -0.003 min
Response: 140625929
Conc: 252.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



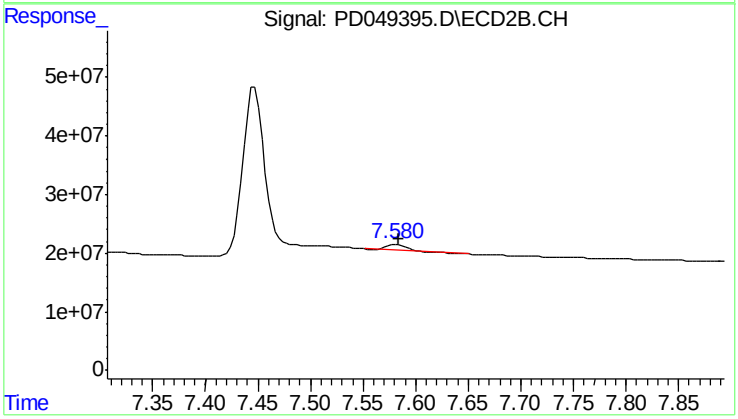
#20 Methoxychlor

R.T.: 7.447 min
Delta R.T.: -0.002 min
Response: 395742029
Conc: 277.87 ng/ml



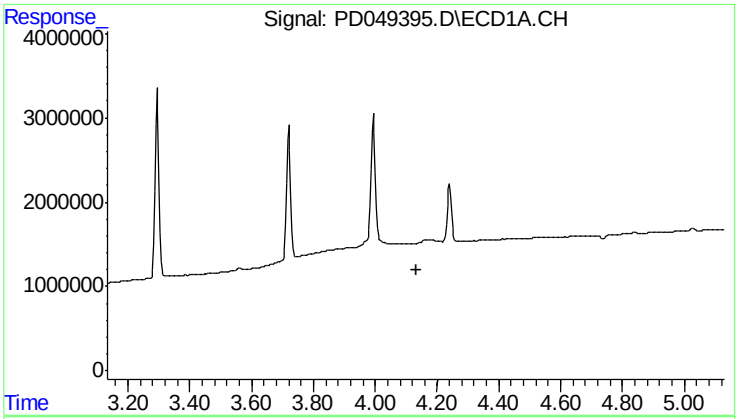
#21 Endrin ketone

R.T.: 6.901 min
Delta R.T.: -0.004 min
Response: 3052244
Conc: 2.23 ng/ml



#21 Endrin ketone

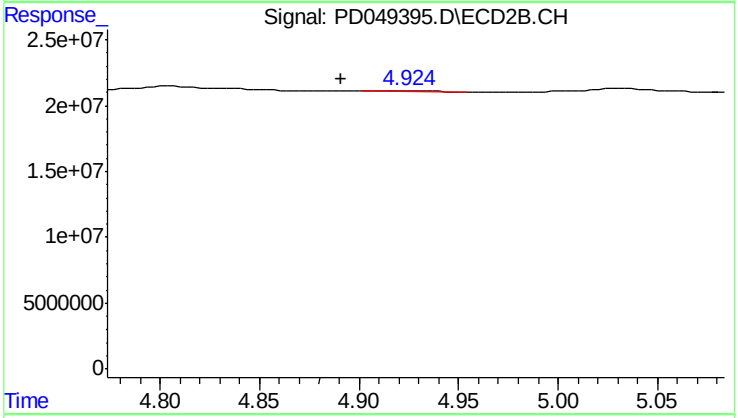
R.T.: 7.582 min
Delta R.T.: -0.002 min
Response: 12939158
Conc: 2.02 ng/ml



#23 Chlordane-1

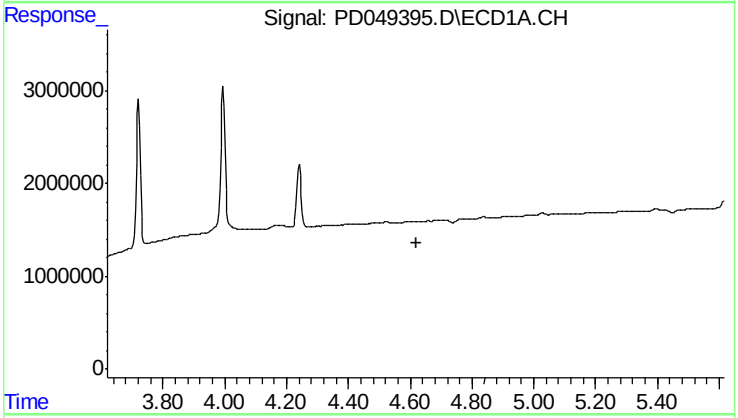
R.T.: 0.000 min
Exp R.T. : 4.133 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



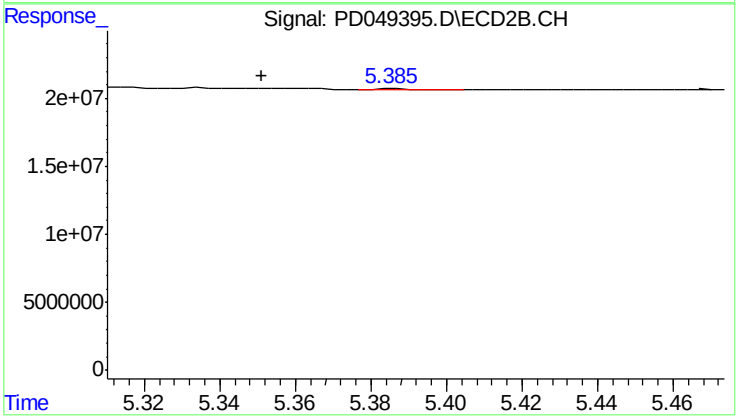
#23 Chlordane-1

R.T.: 4.911 min
Delta R.T.: 0.020 min
Response: 791715
Conc: 1.87 ng/ml



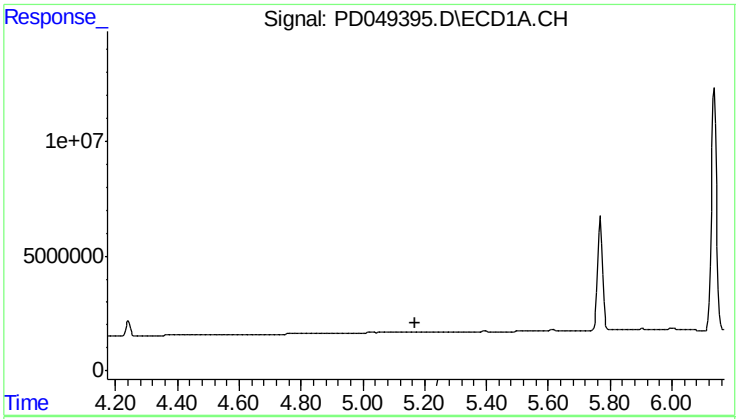
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.619 min
Response: 0
Conc: N.D.



#24 Chlordane-2

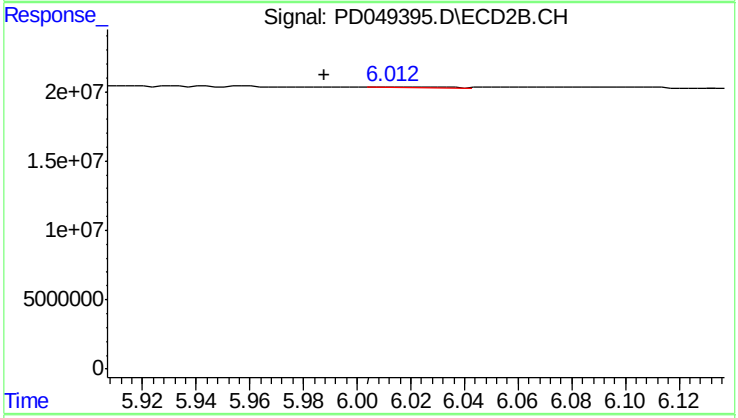
R.T.: 5.386 min
Delta R.T.: 0.035 min
Response: 187736
Conc: 0.45 ng/ml



#25 Chlordane-3

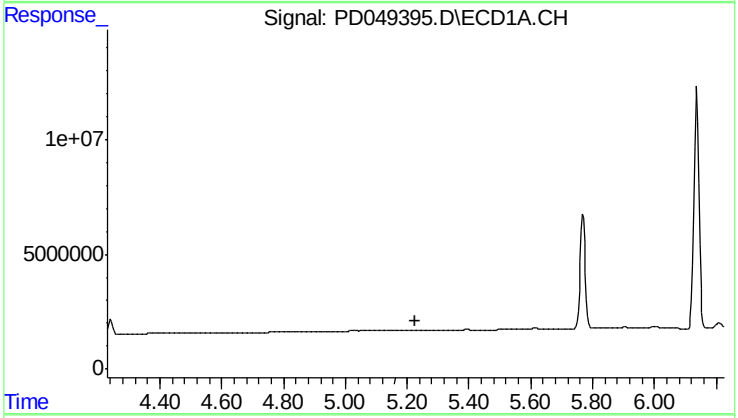
R.T.: 0.000 min
Exp R.T. : 5.171 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



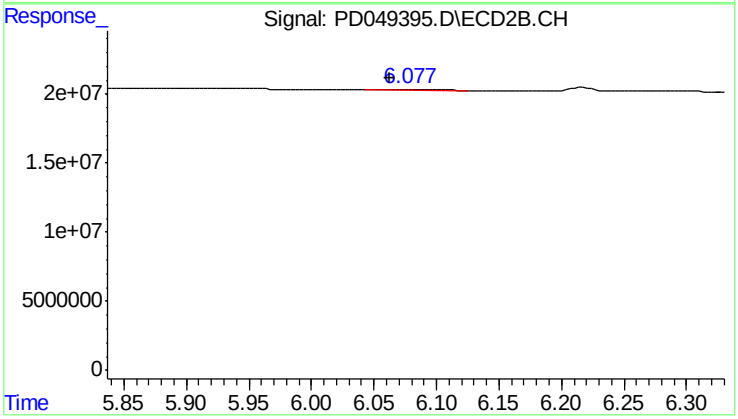
#25 Chlordane-3

R.T.: 6.013 min
Delta R.T.: 0.025 min
Response: 442948
Conc: 0.33 ng/ml



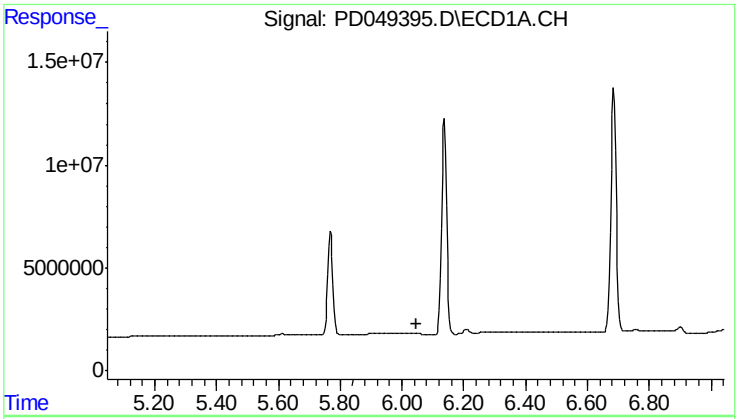
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.228 min
Response: 0
Conc: N.D.



#26 Chlordane-4

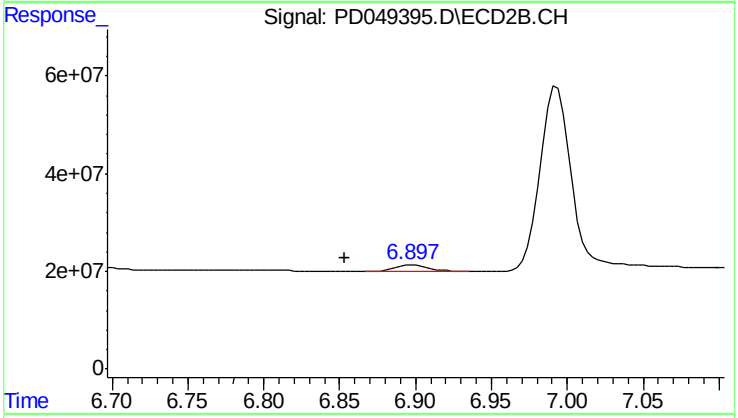
R.T.: 6.078 min
Delta R.T.: 0.015 min
Response: 1999604
Conc: 1.27 ng/ml



#27 Chlordane-5

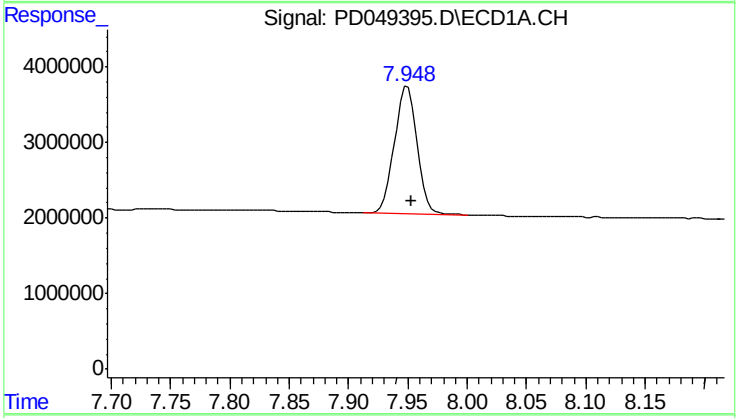
R.T.: 0.000 min
Exp R.T. : 6.046 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



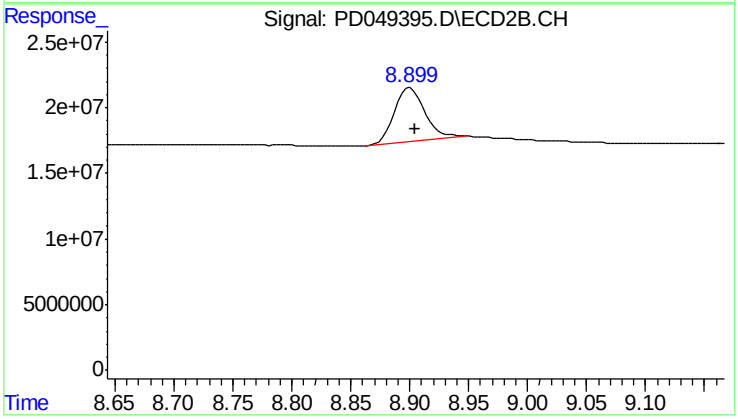
#27 Chlordane-5

R.T.: 6.898 min
Delta R.T.: 0.045 min
Response: 17918208
Conc: 57.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: -0.004 min
Response: 22387851
Conc: 20.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.900 min
Delta R.T.: -0.004 min
Response: 74358681
Conc: 22.06 ng/ml