Quantitation Report (Not Reviewed)

Data Path : P:\HPCHEM1\ECD_D\Data\PD050518\
Data File : PD047434.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 May 2018 18:44
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: May 05 00:16:17 2018
Quant Method : P:\HPCHEM1\ECD_D\Method\PD050518.M
Quant Title : GC Extractables
QLast Update : Fri May 04 23:48:56 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...	3.428	4.041	22507167	382.7E6	19.809	20.564	
28)	SA Decachlor...	8.147	9.120	26334157	426.2E6	20.516	21.296	
	Target Compounds							
2)	A alpha-BHC	3.865	4.426	17755155	324.3E6	9.146	10.523	
3)	MA gamma-BHC...	4.145	4.711	17225681	288.4E6	9.794	10.637	
4)	MA Heptachlor	4.393f	5.223	6844017	1268003	3.970	0.045	#
5)	MB Aldrin	0.000	5.530	0	4362456	N.D.	0.164	#
6)	B beta-BHC	4.393	4.870	6844017	125.8E6	9.311	10.340	
7)	B delta-BHC	0.000	5.082	0	19929875	N.D.	0.687	#
8)	B Heptachlo...	0.000	5.913	0	1408599	N.D.	0.057	#
9)	A Endosulfan I	0.000	6.270	0	3807103	N.D.	0.169	#
10)	B gamma-Chl...	0.000	6.150	0	1708306	N.D.	0.067	#
11)	B alpha-Chl...	0.000	6.232	0	4685681	N.D.	0.191	#
12)	B 4,4'-DDE	0.000	6.376	0	2950202	N.D.	0.121	#
13)	MA Dieldrin	0.000	6.529	0	3532504	N.D.	0.144	#
14)	MA Endrin	5.957	6.748	70617355	941.4E6	46.894	45.564	
15)	B Endosulfa...	6.165f	6.951	149284	3402023	0.103	0.161	#
16)	A 4,4'-DDD	0.000	6.862	0	17941674	N.D.	0.901	#
17)	MA 4,4'-DDT	6.322	7.164	143.1E6	1889.6E6	105.120	96.161	
18)	B Endrin al...	6.398	7.069	453934	6726756	0.391	0.377	
19)	B Endosulfa...	0.000	7.296	0	3353401	N.D.	0.161	#
20)	A Methoxychlor	6.871	7.616	176.4E6	2094.9E6	236.127	205.967	
21)	B Endrin ke...	7.099	7.764	1917992	22421347	1.163	1.083	
23)	Chlordane-1	4.316	5.082	348953	19929875	6.084	19.237	#
24)	Chlordane-2	0.000	5.498	0	1982339	N.D.	1.923	#
25)	Chlordane-3	0.000	6.150	0	1708306	N.D.	0.505	#
26)	Chlordane-4	0.000	6.232	0	4685681	N.D.	1.205	#
27)	Chlordane-5	6.165	7.013	149284	1090475	2.545	1.304	#

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

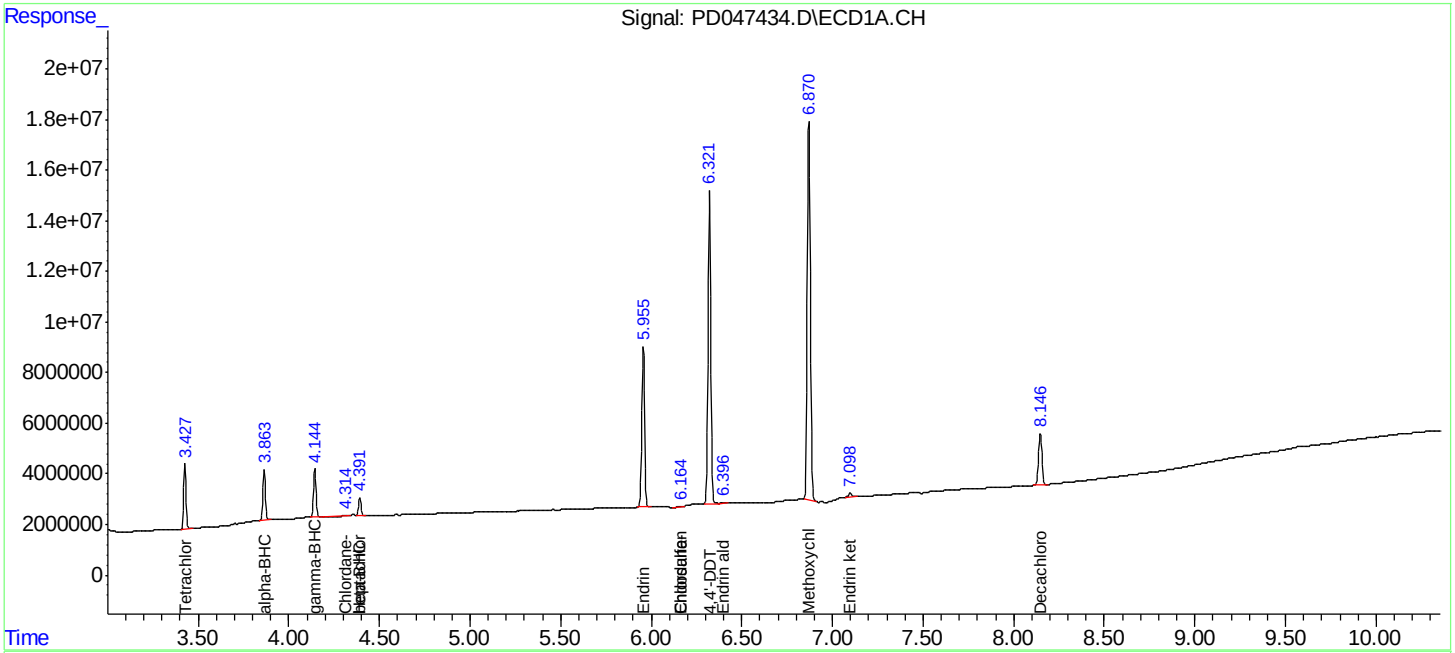
Quantitation Report (Not Reviewed)

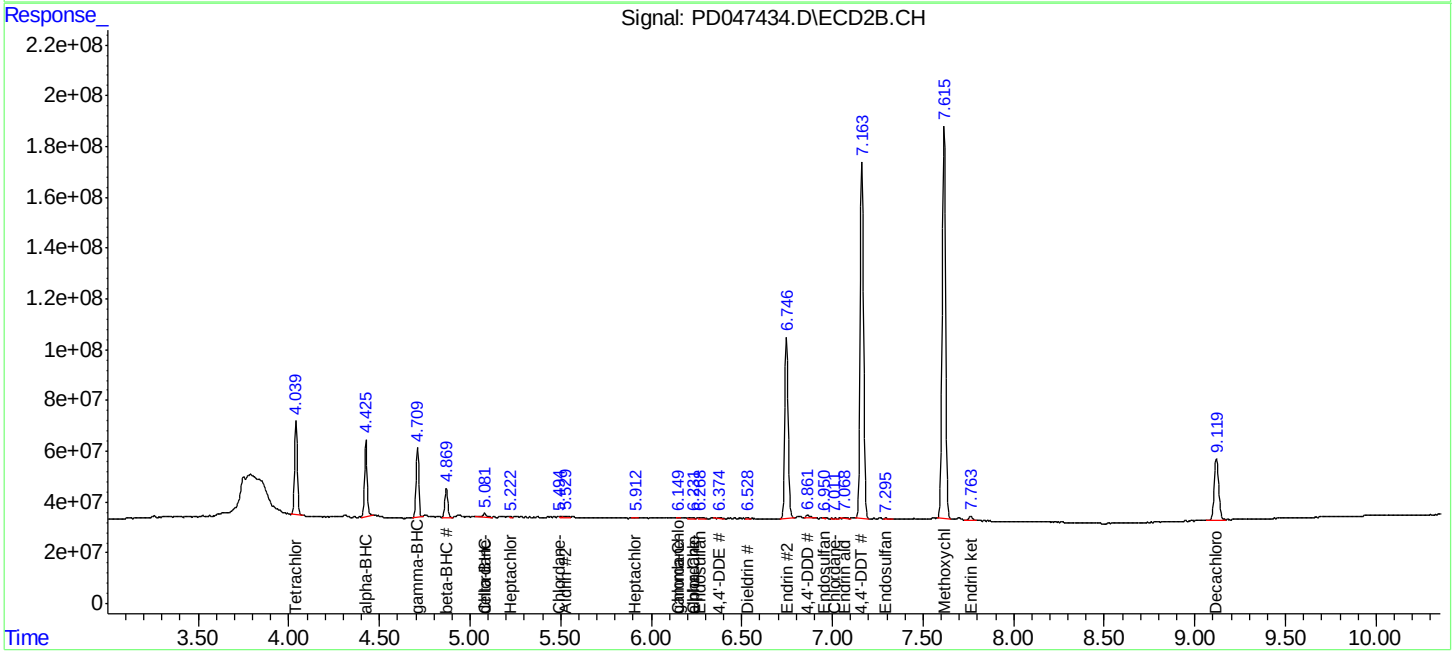
Data Path : P:\HPCHEM1\ECD_D\Data\PD050518\
Data File : PD047434.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 May 2018 18:44
Operator : UA/AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

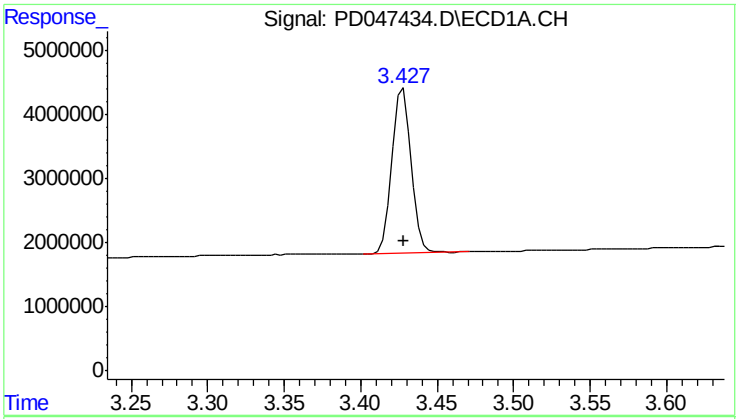
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 00:16:17 2018
Quant Method : P:\HPCHEM1\ECD_D\Method\PD050518.M
Quant Title : GC Extractables
QLast Update : Fri May 04 23:48:56 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



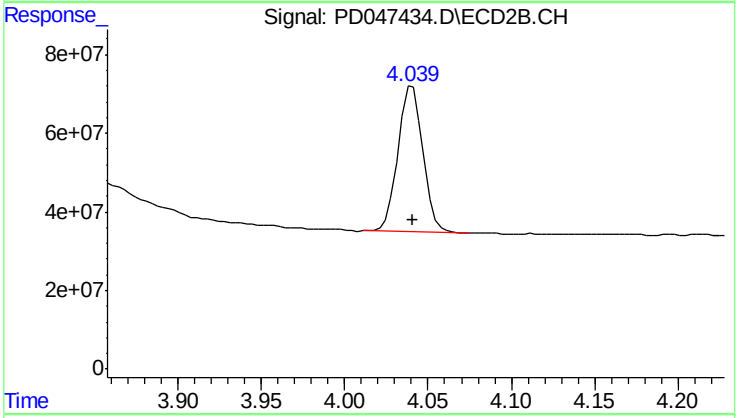




#1 Tetrachloro-m-xylene

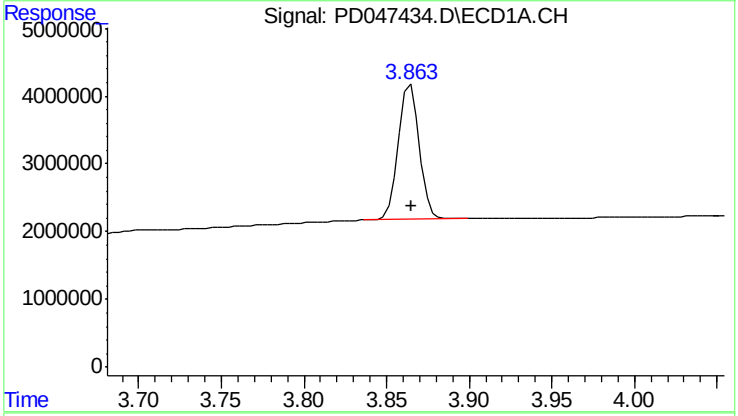
R.T.: 3.428 min
Delta R.T.: 0.000 min
Response: 22507167
Conc: 19.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



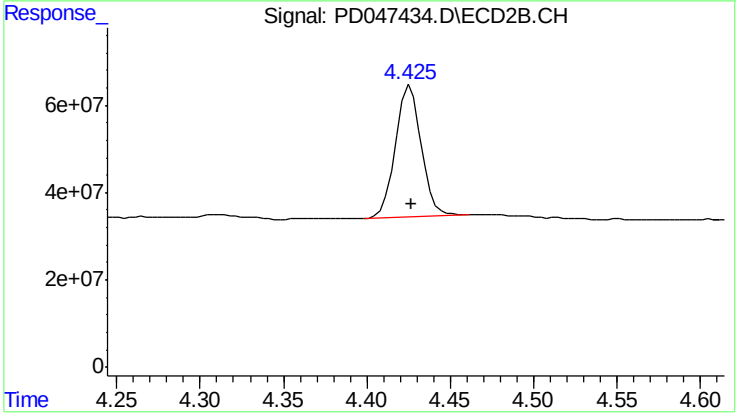
#1 Tetrachloro-m-xylene

R.T.: 4.041 min
Delta R.T.: 0.000 min
Response: 382716328
Conc: 20.56 ng/ml



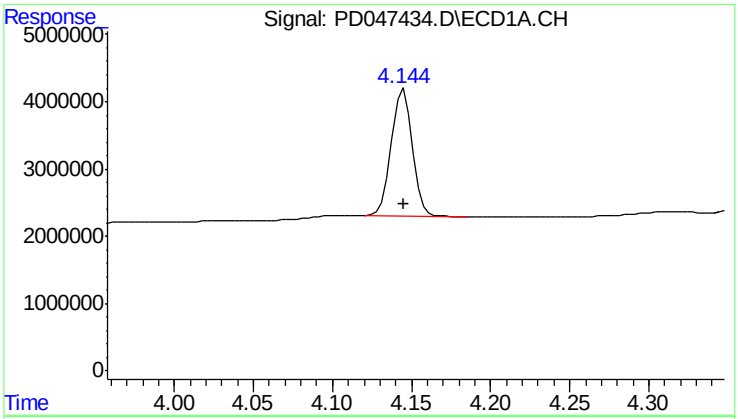
#2 alpha-BHC

R.T.: 3.865 min
Delta R.T.: 0.000 min
Response: 17755155
Conc: 9.15 ng/ml



#2 alpha-BHC

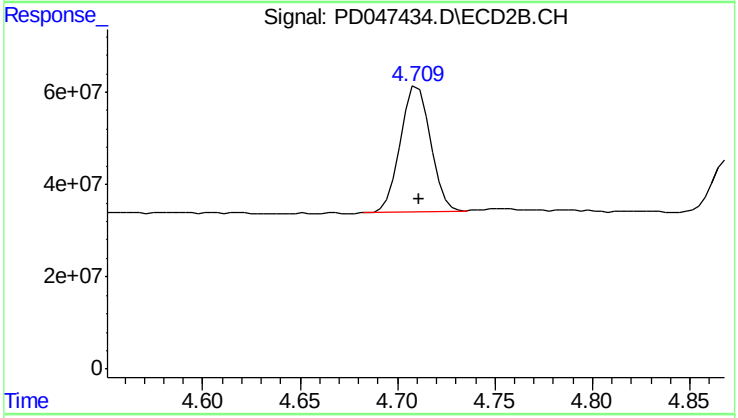
R.T.: 4.426 min
Delta R.T.: 0.000 min
Response: 324291875
Conc: 10.52 ng/ml



#3 gamma-BHC (Lindane)

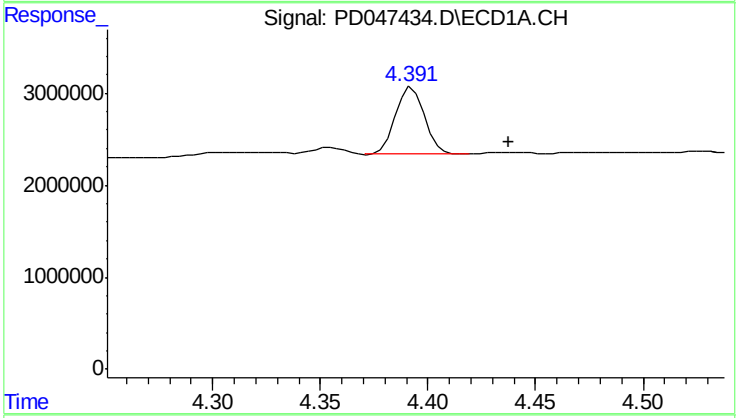
R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 17225681
Conc: 9.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



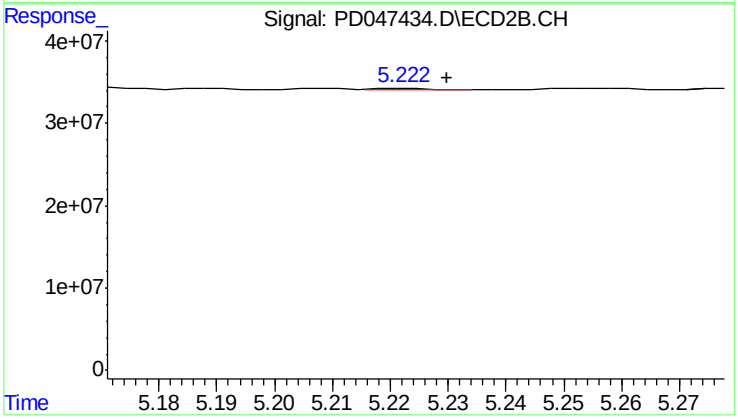
#3 gamma-BHC (Lindane)

R.T.: 4.711 min
Delta R.T.: 0.000 min
Response: 288387871
Conc: 10.64 ng/ml



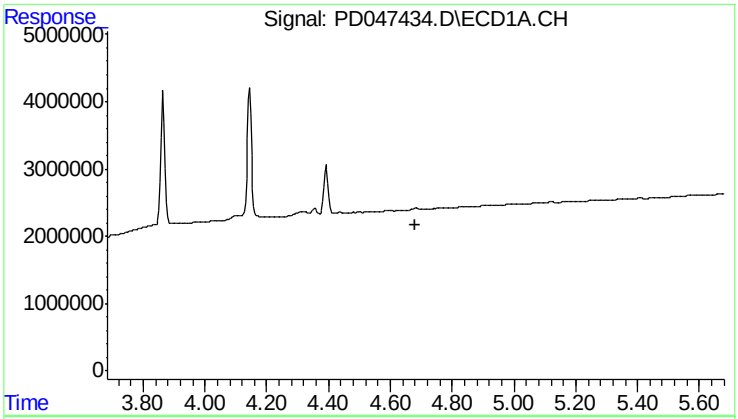
#4 Heptachlor

R.T.: 4.393 min
Delta R.T.: -0.045 min
Response: 6844017
Conc: 3.97 ng/ml



#4 Heptachlor

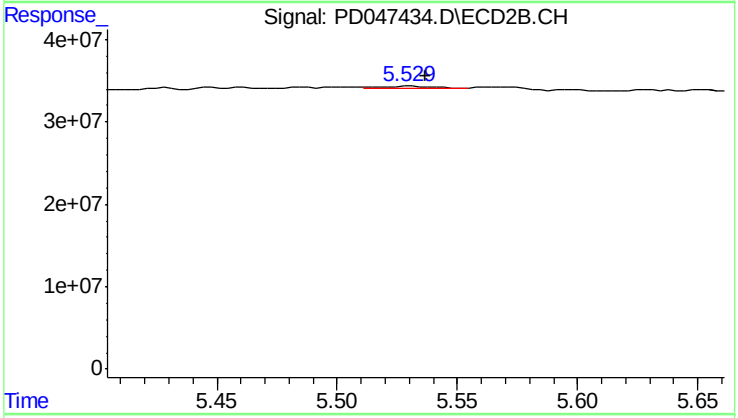
R.T.: 5.223 min
Delta R.T.: -0.007 min
Response: 1268003
Conc: 0.05 ng/ml



#5 Aldrin

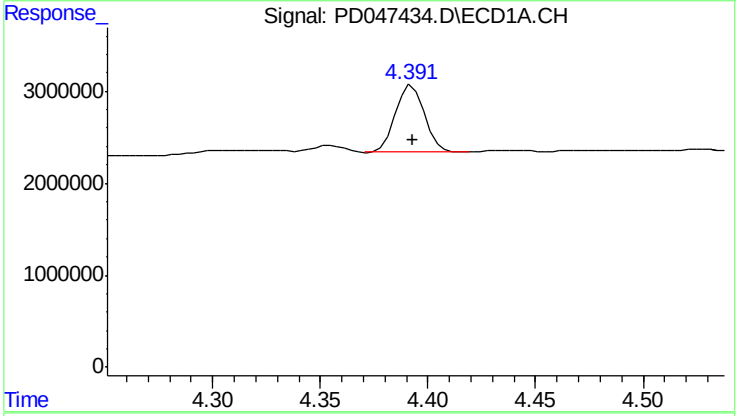
R.T.: 0.000 min
Exp R.T. : 4.681 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



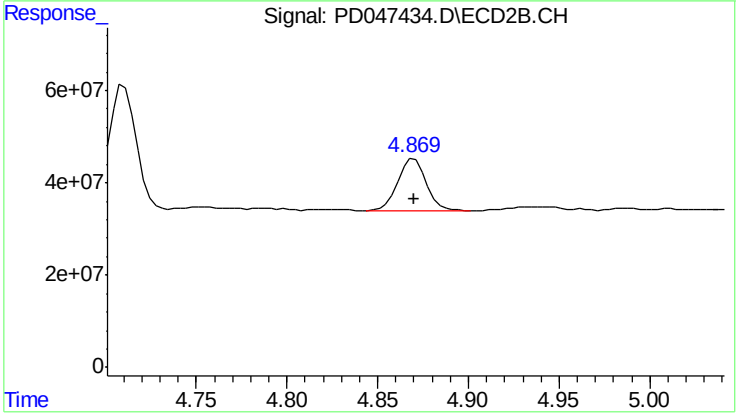
#5 Aldrin

R.T.: 5.530 min
Delta R.T.: -0.006 min
Response: 4362456
Conc: 0.16 ng/ml



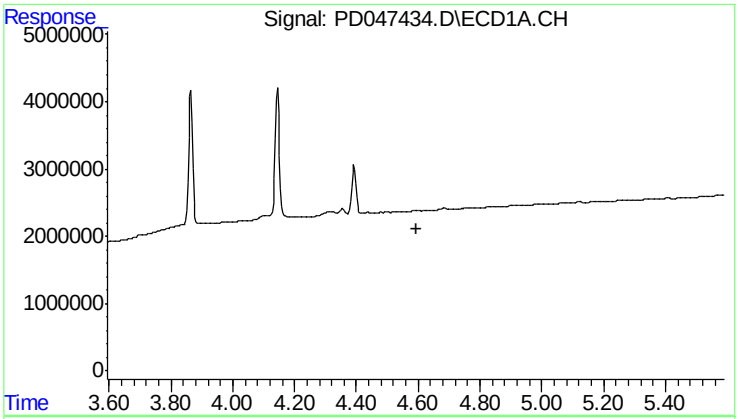
#6 beta-BHC

R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 6844017
Conc: 9.31 ng/ml



#6 beta-BHC

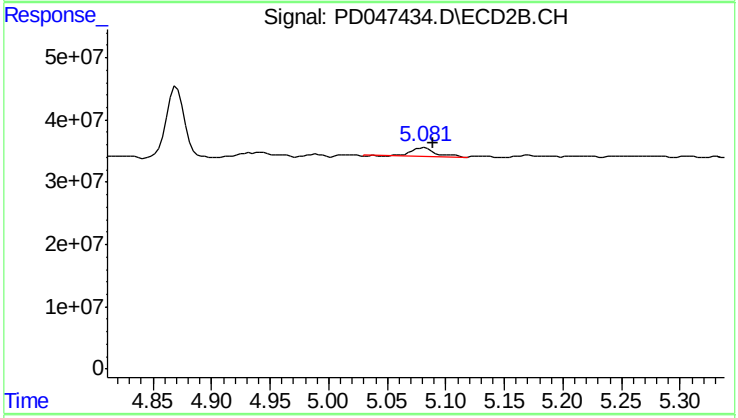
R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 125787265
Conc: 10.34 ng/ml



#7 delta-BHC

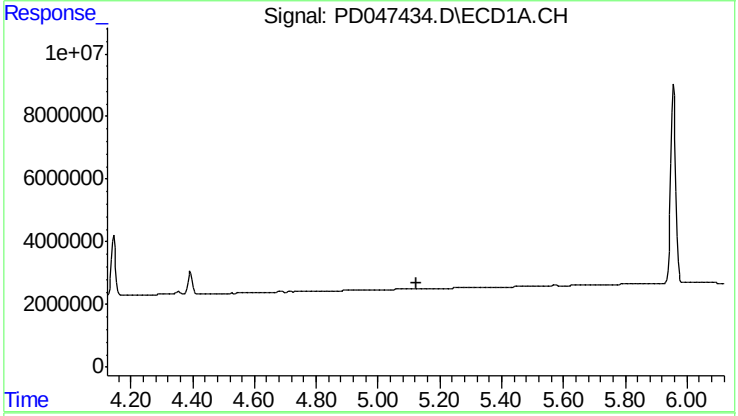
R.T.: 0.000 min
Exp R.T. : 4.594 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



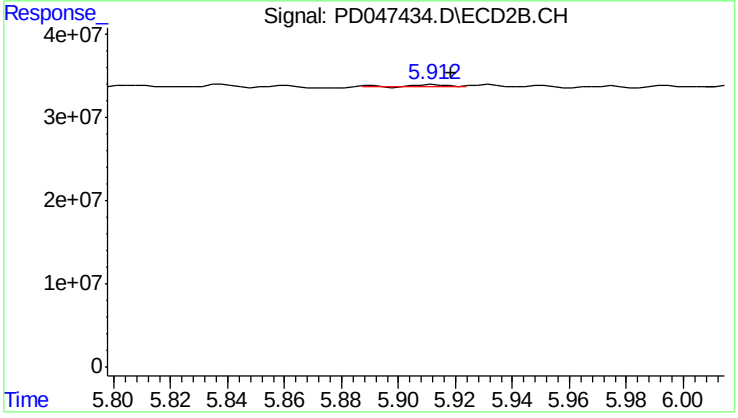
#7 delta-BHC

R.T.: 5.082 min
Delta R.T.: -0.007 min
Response: 19929875
Conc: 0.69 ng/ml



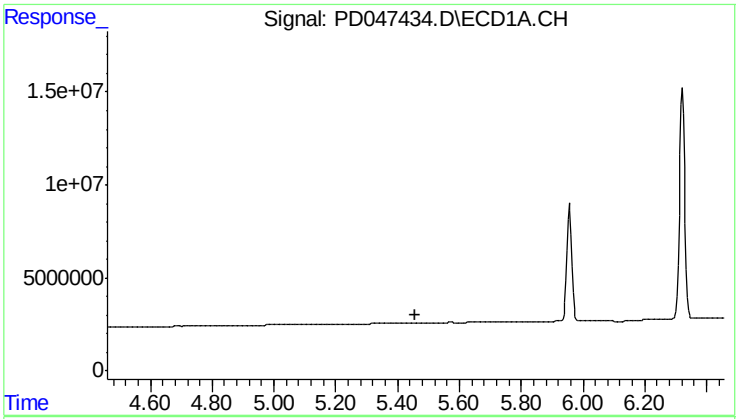
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.123 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

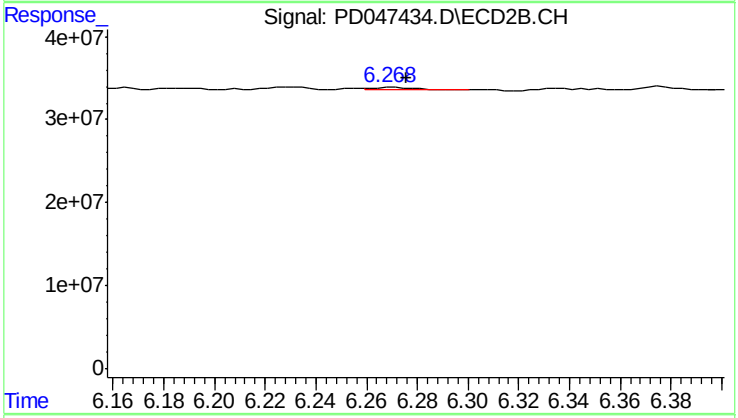
R.T.: 5.913 min
Delta R.T.: -0.005 min
Response: 1408599
Conc: 0.06 ng/ml



#9 Endosulfan I

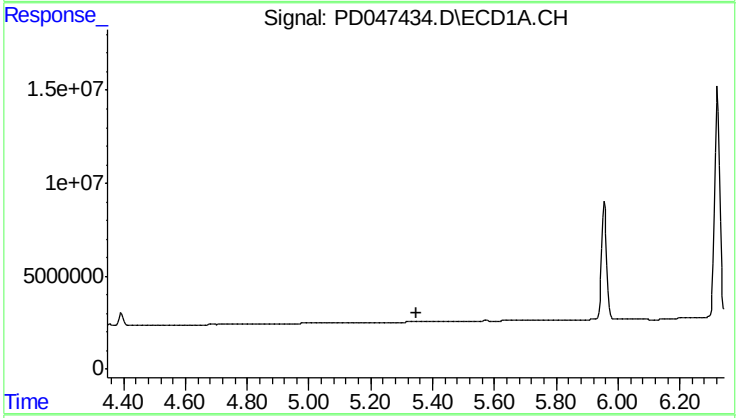
R.T.: 0.000 min
Exp R.T. : 5.458 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



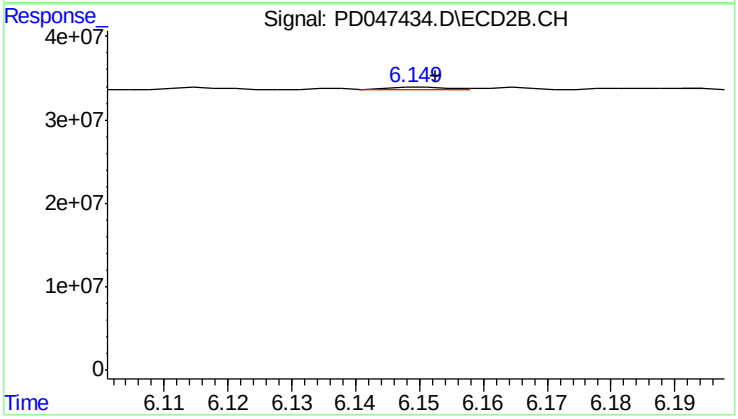
#9 Endosulfan I

R.T.: 6.270 min
Delta R.T.: -0.006 min
Response: 3807103
Conc: 0.17 ng/ml



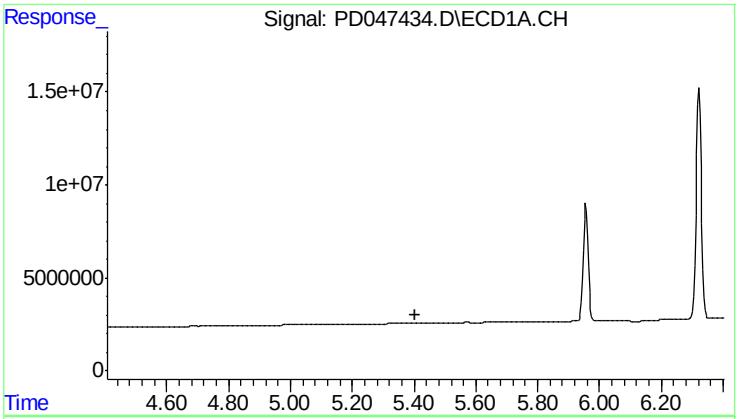
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.346 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

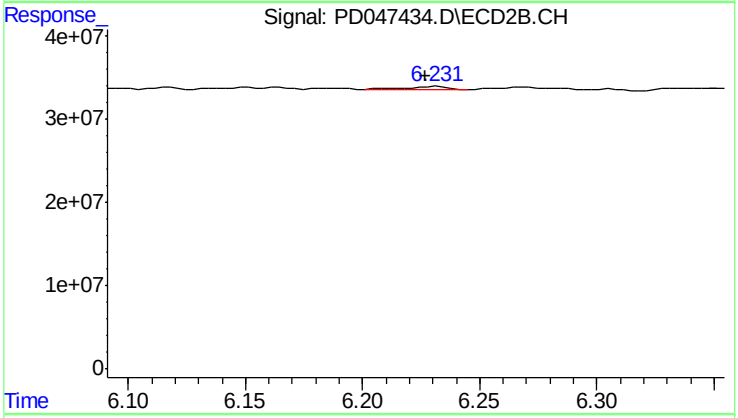
R.T.: 6.150 min
Delta R.T.: -0.002 min
Response: 1708306
Conc: 0.07 ng/ml



#11 alpha-Chlordane

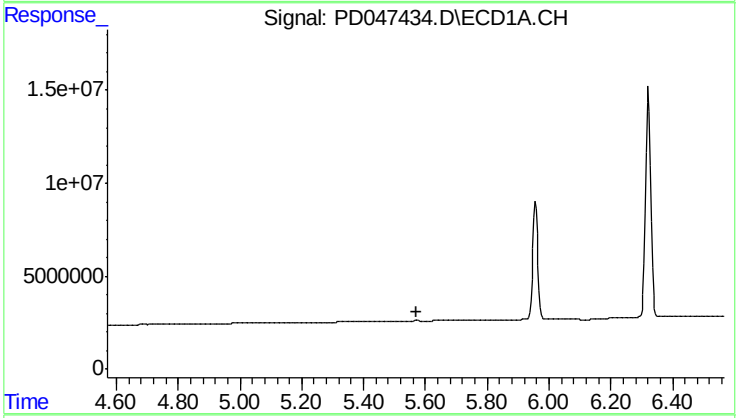
R.T.: 0.000 min
Exp R.T. : 5.405 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



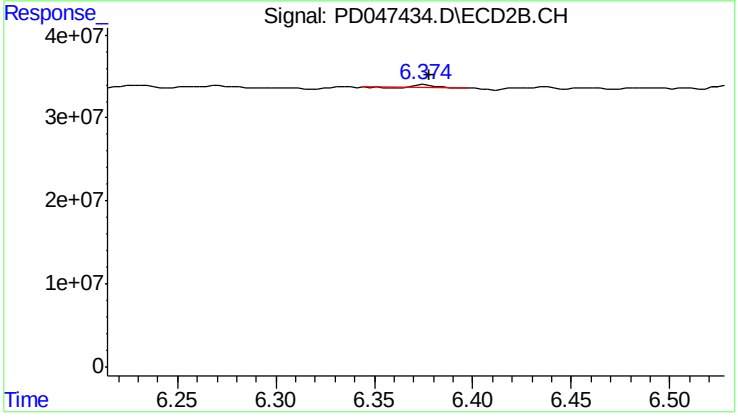
#11 alpha-Chlordane

R.T.: 6.232 min
Delta R.T.: 0.005 min
Response: 4685681
Conc: 0.19 ng/ml



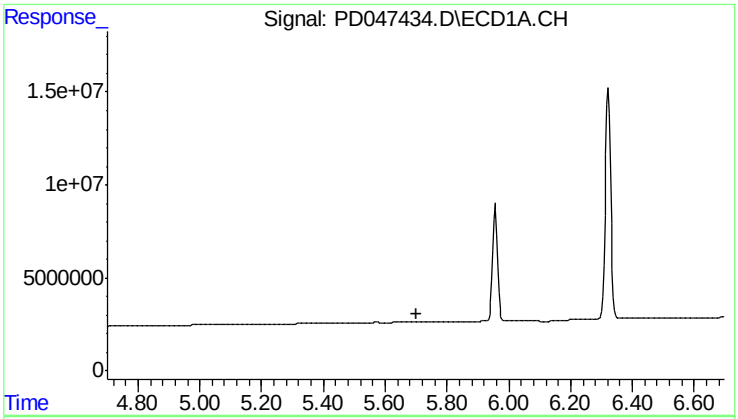
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.571 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

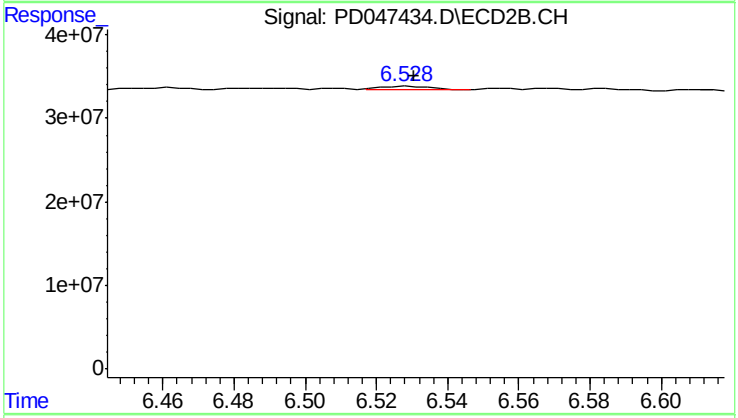
R.T.: 6.376 min
Delta R.T.: -0.003 min
Response: 2950202
Conc: 0.12 ng/ml



#13 Dieldrin

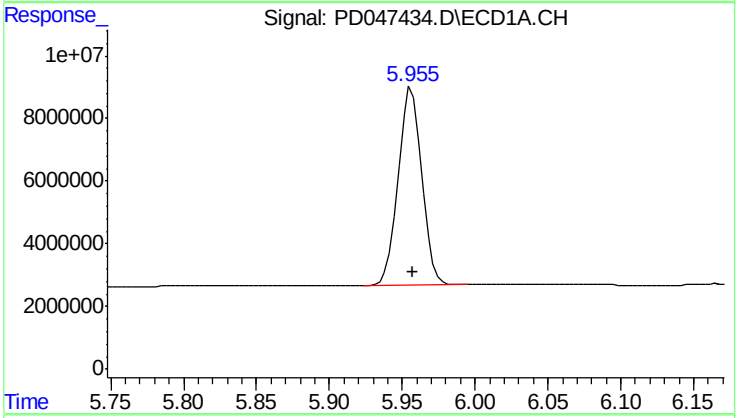
R.T.: 0.000 min
Exp R.T. : 5.700 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



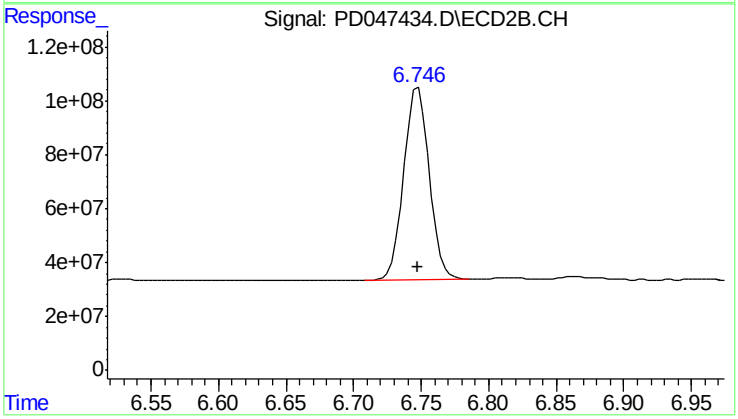
#13 Dieldrin

R.T.: 6.529 min
Delta R.T.: -0.002 min
Response: 3532504
Conc: 0.14 ng/ml



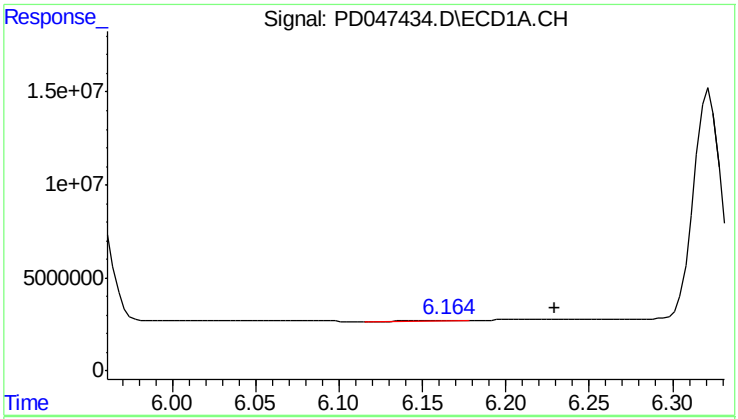
#14 Endrin

R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 70617355
Conc: 46.89 ng/ml



#14 Endrin

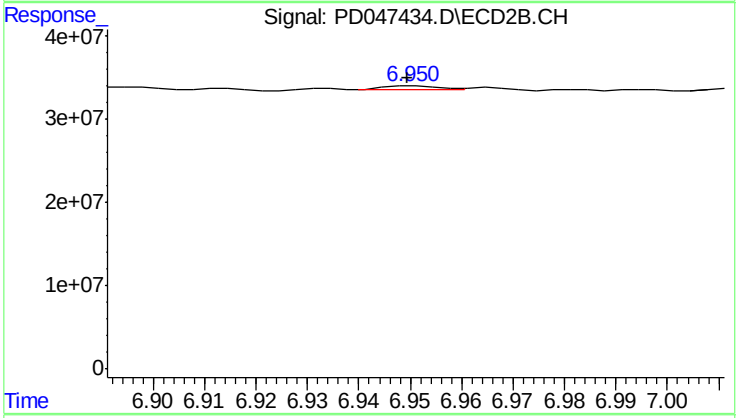
R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 941368346
Conc: 45.56 ng/ml



#15 Endosulfan II

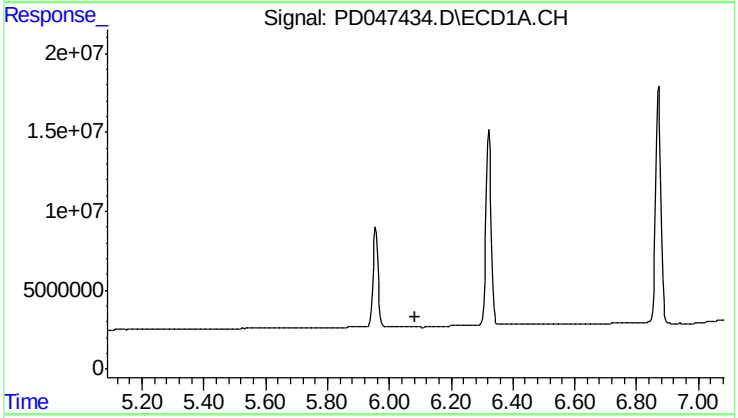
R.T.: 6.165 min
Delta R.T.: -0.064 min
Response: 149284
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



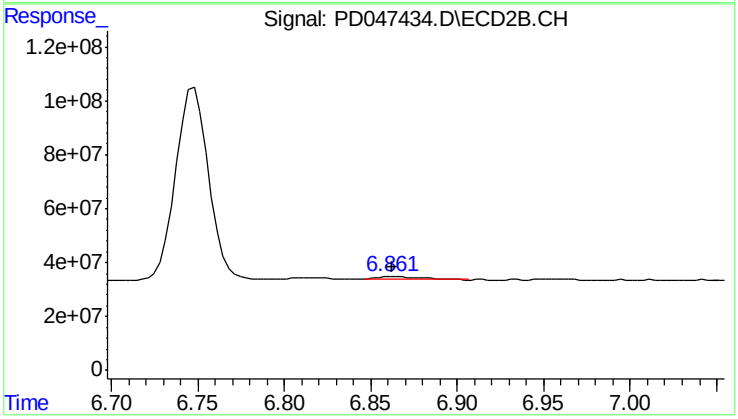
#15 Endosulfan II

R.T.: 6.951 min
Delta R.T.: 0.002 min
Response: 3402023
Conc: 0.16 ng/ml



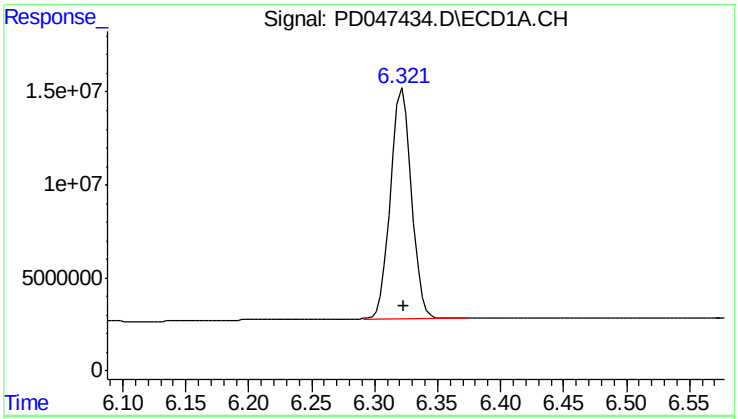
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 6.085 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

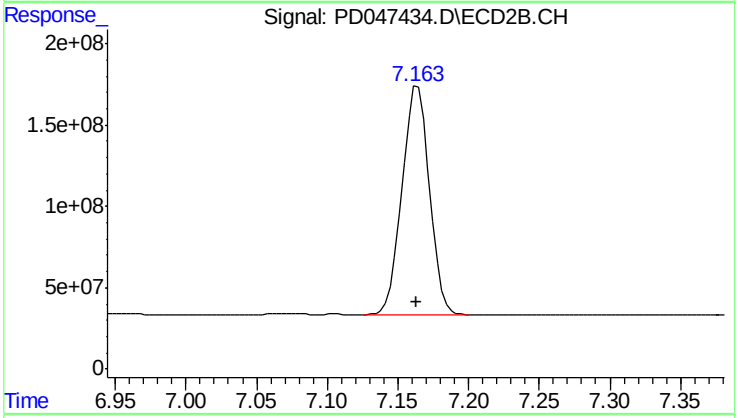
R.T.: 6.862 min
Delta R.T.: 0.000 min
Response: 17941674
Conc: 0.90 ng/ml



#17 4,4'-DDT

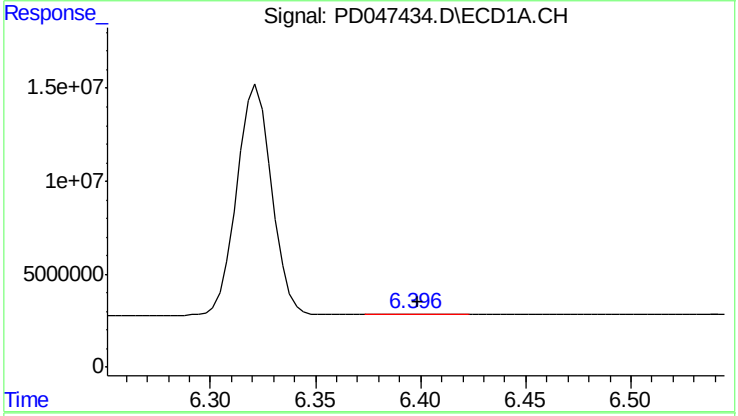
R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 143081370
Conc: 105.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



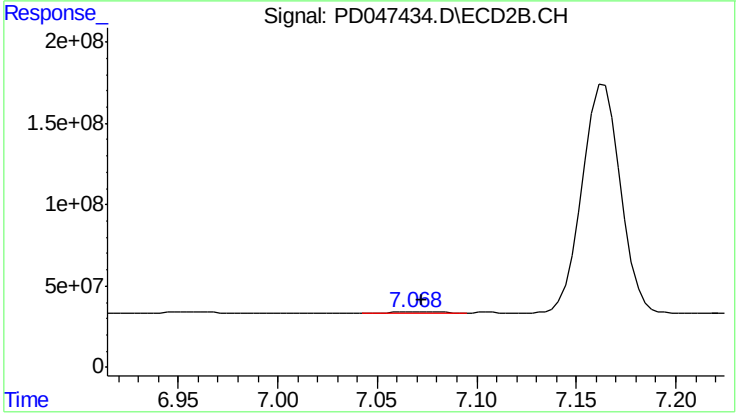
#17 4,4'-DDT

R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 1889567914
Conc: 96.16 ng/ml



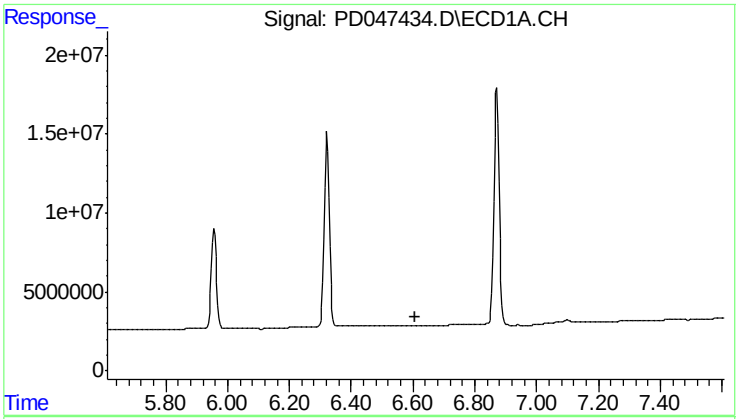
#18 Endrin aldehyde

R.T.: 6.398 min
Delta R.T.: -0.001 min
Response: 453934
Conc: 0.39 ng/ml



#18 Endrin aldehyde

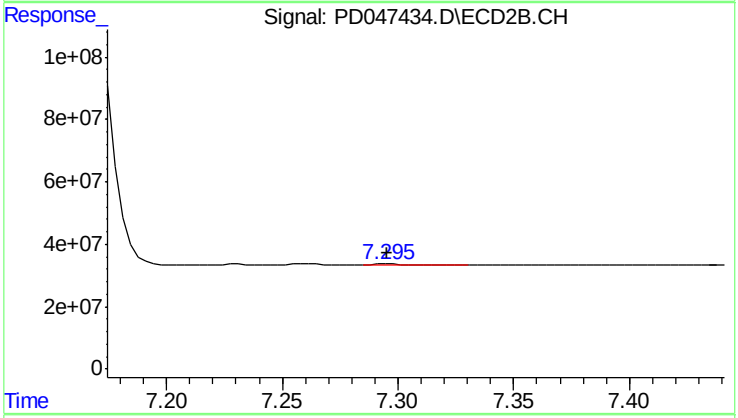
R.T.: 7.069 min
Delta R.T.: -0.003 min
Response: 6726756
Conc: 0.38 ng/ml



#19 Endosulfan Sulfate

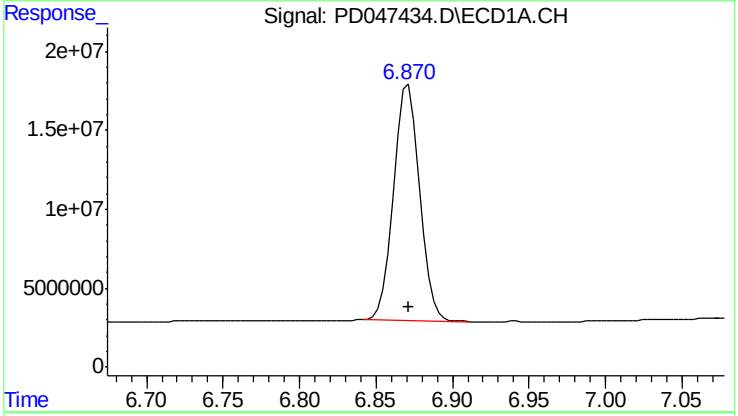
R.T.: 0.000 min
Exp R.T. : 6.609 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



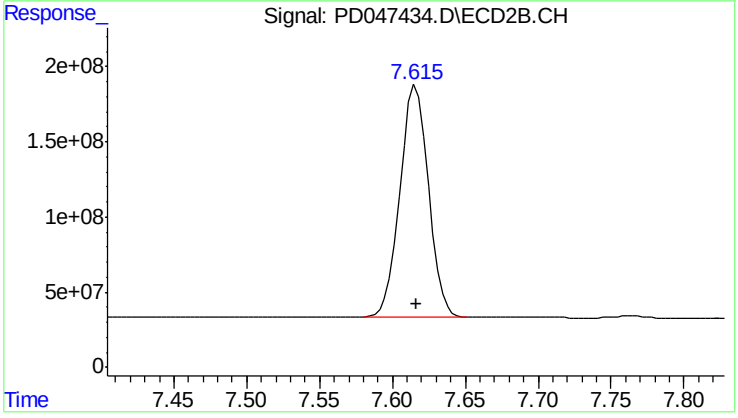
#19 Endosulfan Sulfate

R.T.: 7.296 min
Delta R.T.: 0.000 min
Response: 3353401
Conc: 0.16 ng/ml



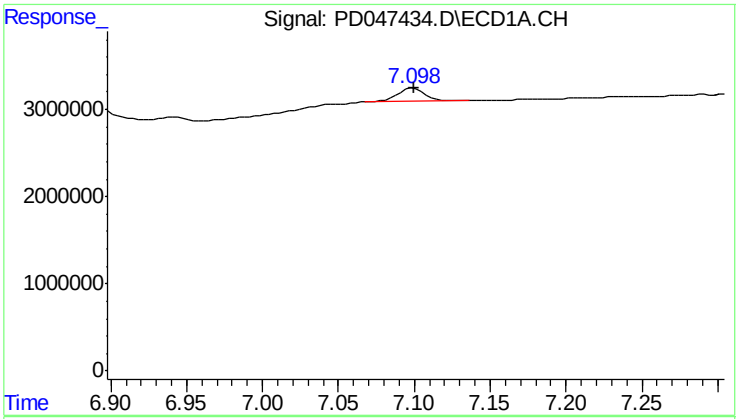
#20 Methoxychlor

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 176375784
Conc: 236.13 ng/ml



#20 Methoxychlor

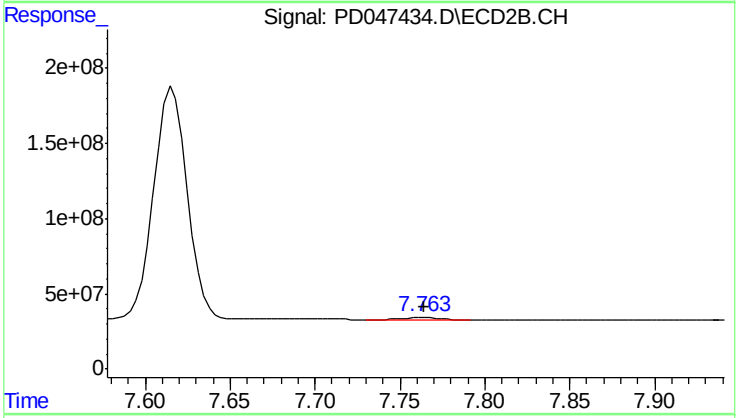
R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 2094860596
Conc: 205.97 ng/ml



#21 Endrin ketone

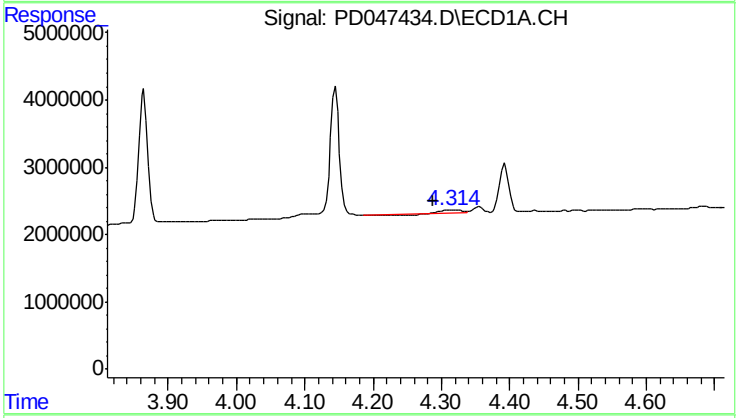
R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 1917992
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



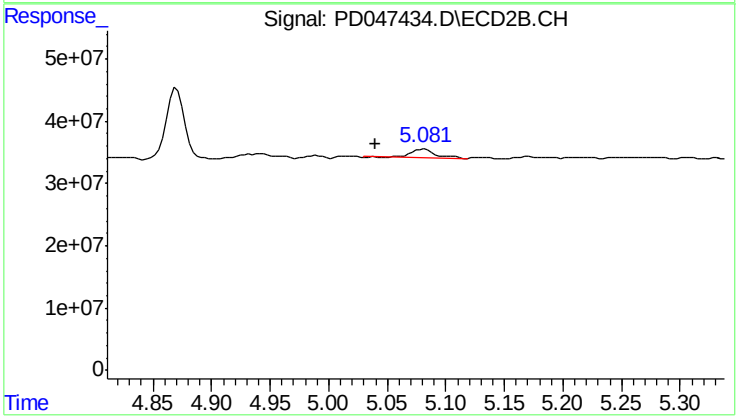
#21 Endrin ketone

R.T.: 7.764 min
Delta R.T.: 0.000 min
Response: 22421347
Conc: 1.08 ng/ml



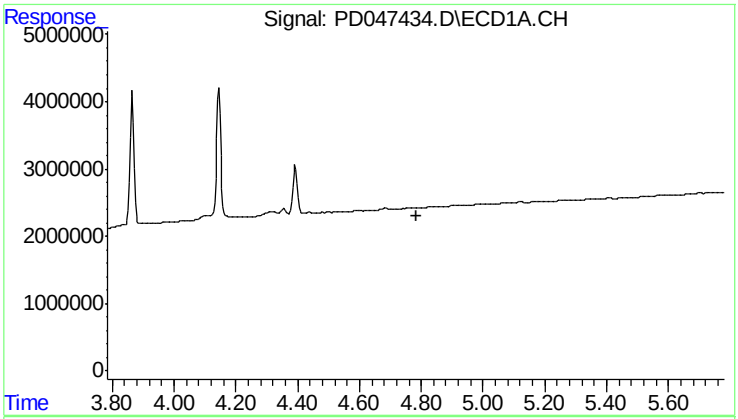
#23 Chlordane-1

R.T.: 4.316 min
Delta R.T.: 0.028 min
Response: 348953
Conc: 6.08 ng/ml



#23 Chlordane-1

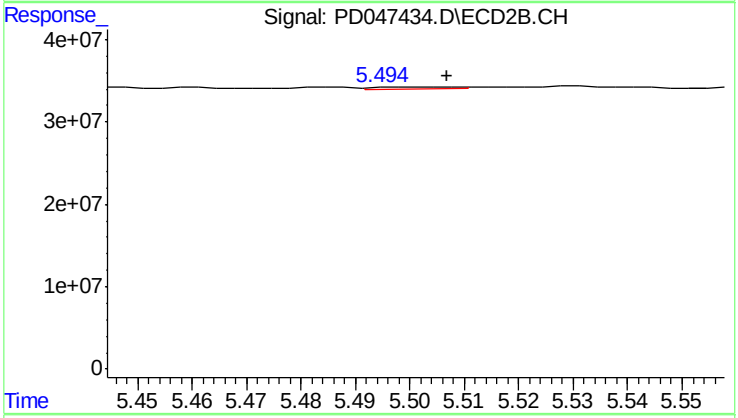
R.T.: 5.082 min
Delta R.T.: 0.042 min
Response: 19929875
Conc: 19.24 ng/ml



#24 Chlordane-2

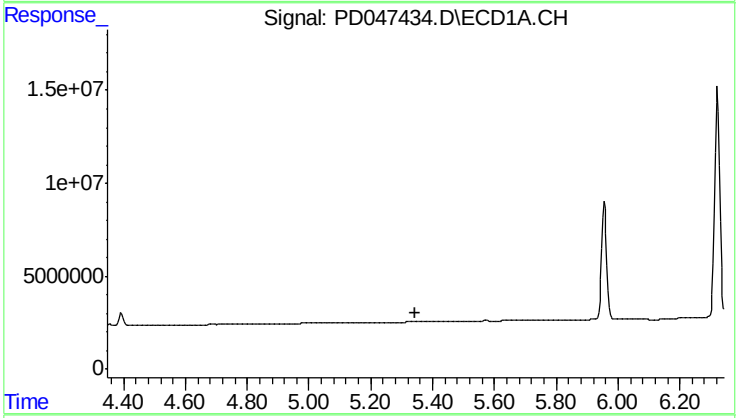
R.T.: 0.000 min
Exp R.T. : 4.784 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



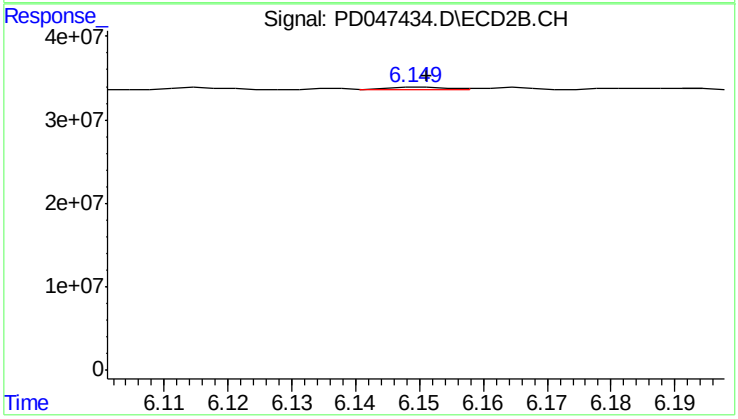
#24 Chlordane-2

R.T.: 5.498 min
Delta R.T.: -0.008 min
Response: 1982339
Conc: 1.92 ng/ml



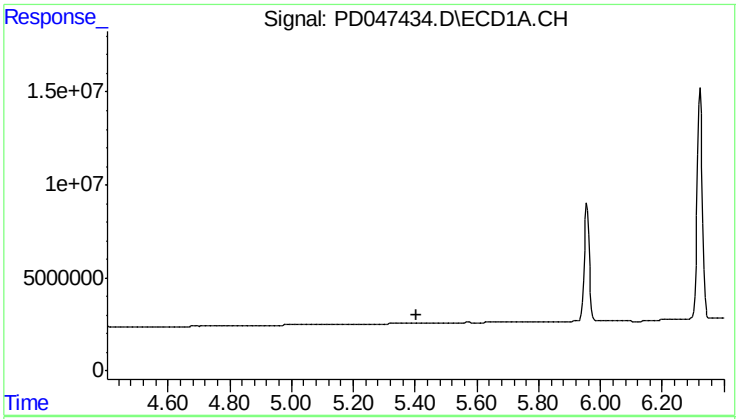
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.345 min
Response: 0
Conc: N.D.



#25 Chlordane-3

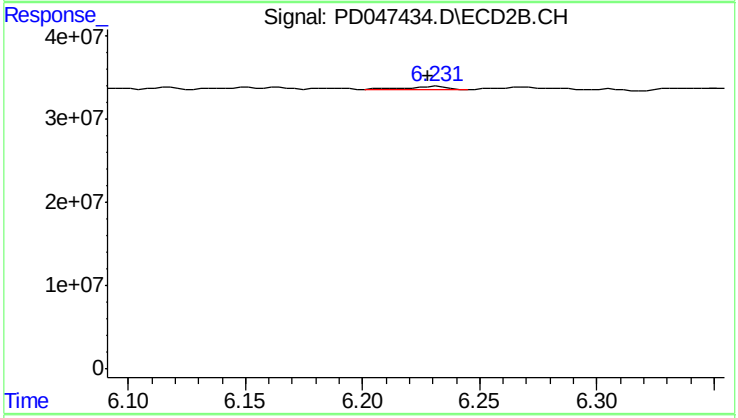
R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 1708306
Conc: 0.51 ng/ml



#26 Chlordane-4

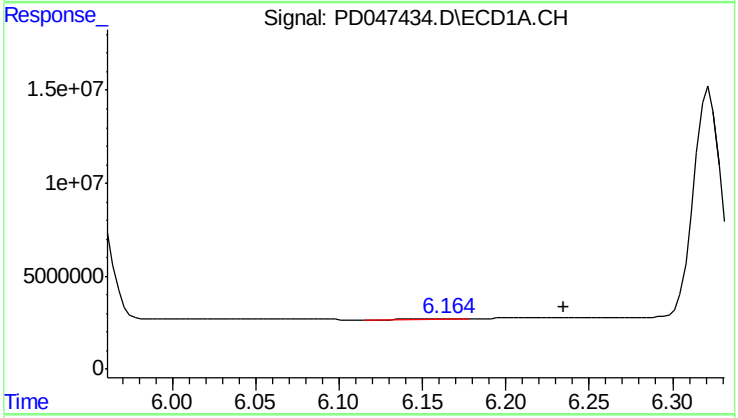
R.T.: 0.000 min
Exp R.T. : 5.404 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



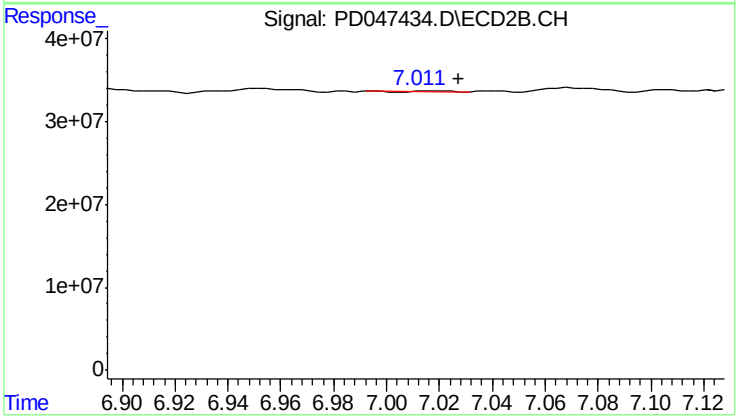
#26 Chlordane-4

R.T.: 6.232 min
Delta R.T.: 0.004 min
Response: 4685681
Conc: 1.21 ng/ml



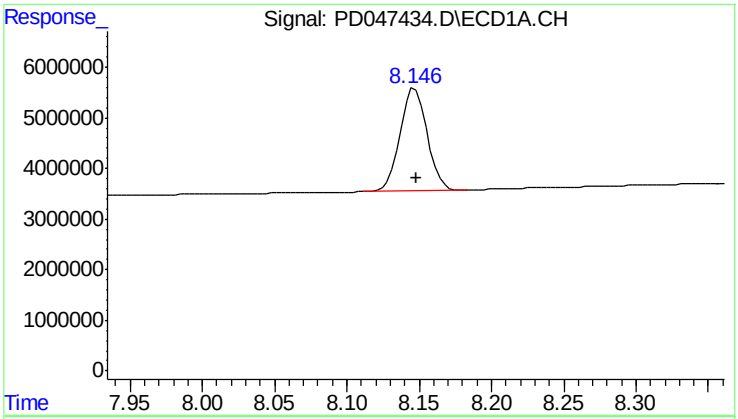
#27 Chlordane-5

R.T.: 6.165 min
Delta R.T.: -0.069 min
Response: 149284
Conc: 2.54 ng/ml



#27 Chlordane-5

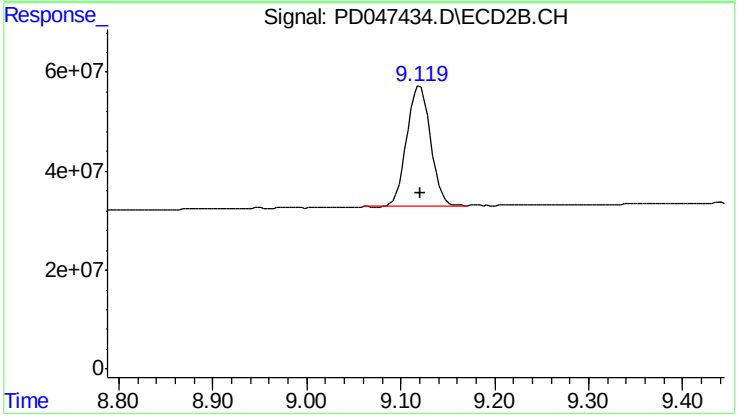
R.T.: 7.013 min
Delta R.T.: -0.014 min
Response: 1090475
Conc: 1.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.147 min
Delta R.T.: -0.001 min
Response: 26334157
Conc: 20.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: 0.000 min
Response: 426189735
Conc: 21.30 ng/ml