Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030722\
Data File : PD068350.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2022 09:31
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: Mar 08 00:43:26 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
Quant Title : GC Extractables
QLast Update : Tue Mar 01 06:48:49 2022
Response via : Initial Calibration
Integrator: ChemStation

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...	3.450	4.176	23619050	186.7E6	20.148	19.451	
28)	SA Decachlor...	8.214	9.374	25247998	120.0E6	21.696	20.241	
	Target Compounds							
2)	A alpha-BHC	3.889	4.572	16817816	136.8E6	9.801	9.972	
3)	MA gamma-BHC...	4.173	4.863	15524807	125.2E6	9.749	10.098	
4)	MA Heptachlor	0.000	5.401	0	61645	N.D.	0.005	#
5)	MB Aldrin	4.719	5.704	93422	266318	0.060	0.023	#
6)	B beta-BHC	4.424	5.026	7913036	57578270	11.278	10.652	
7)	B delta-BHC	0.000	5.232f	0	1782270	N.D.	0.143	#
8)	B Heptachlo...	0.000	6.074f	0	1620743	N.D.	0.151	#
9)	A Endosulfan I	0.000	6.481f	0	195985	N.D.	0.020	#
10)	B gamma-Chl...	0.000	6.328	0	837210	N.D.	0.079	#
11)	B alpha-Chl...	0.000	6.410	0	1210459	N.D.	0.117	#
12)	B 4,4'-DDE	5.616	6.553	596982	5566231	0.438	0.569	#
13)	MA Dieldrin	0.000	6.712	0	1523111	N.D.	0.148	#
14)	MA Endrin	6.006	6.934	62272271	363.3E6	50.409	47.246	
15)	B Endosulfa...	6.284	7.137	721492	8280167	0.567	1.008	#
16)	A 4,4'-DDD	6.134	7.044	3488148	25809194	2.941	3.279	
17)	MA 4,4'-DDT	6.375	7.347	112.3E6	576.4E6	101.797	81.470	
18)	B Endrin al...	6.450	7.262	1511928	8715219	1.650	1.448	
19)	B Endosulfa...	6.644f	0.000	99463	0	0.079	N.D.	#
20)	A Methoxychlor	6.926	7.800	142.9E6	641.5E6	220.241	184.637	
21)	B Endrin ke...	7.156	7.963	3035783	18035639	2.062	2.148	
22)	Mirex	0.000	8.444f	0	261146	N.D.	0.041	#
24)	Chlordane-2	0.000	5.642f	0	517634	N.D.	1.288	#
25)	Chlordane-3	0.000	6.328	0	837210	N.D.	0.589	#
26)	Chlordane-4	0.000	6.410	0	1210459	N.D.	0.751	#
27)	Chlordane-5	6.284	0.000	721492	0	14.648	N.D.	#

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

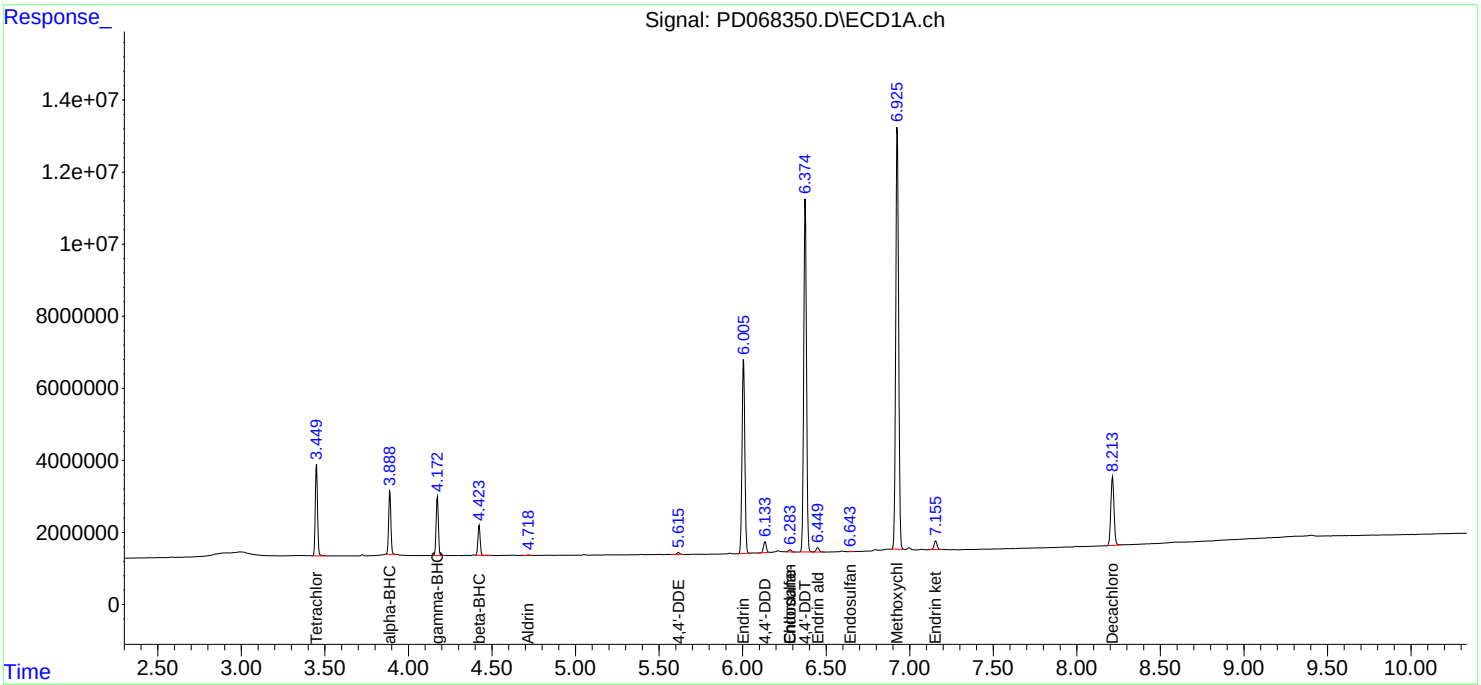
Quantitation Report (Not Reviewed)

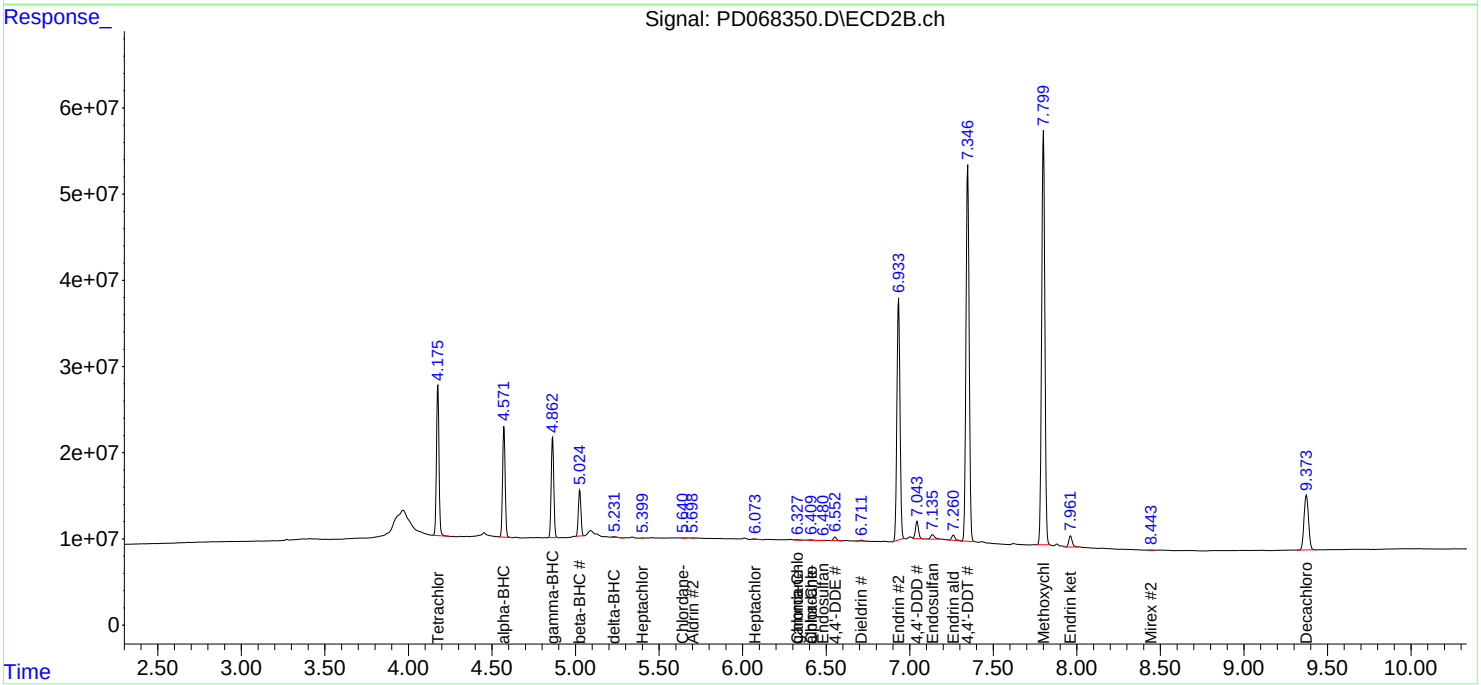
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030722\
Data File : PD068350.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2022 09:31
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

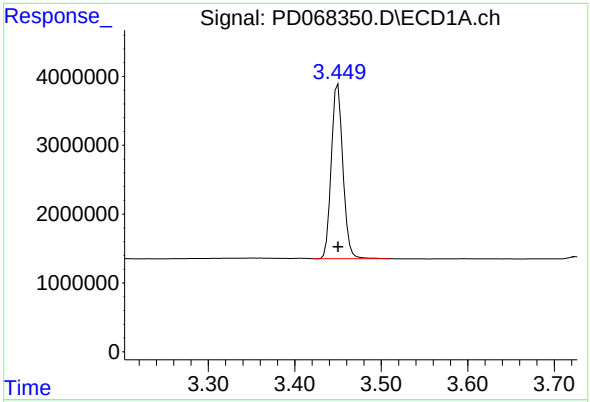
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:43:26 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
Quant Title : GC Extractables
QLast Update : Tue Mar 01 06:48:49 2022
Response via : Initial Calibration
Integrator: ChemStation

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



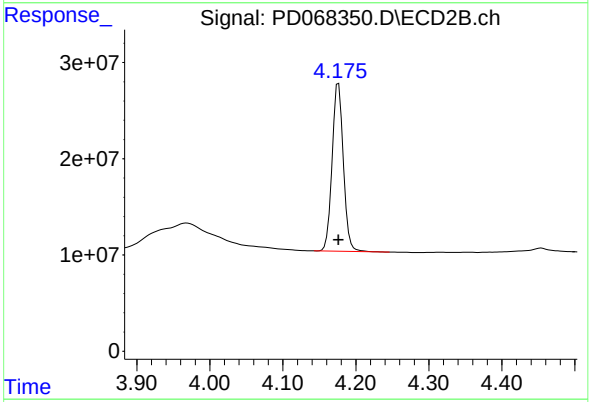




#1 Tetrachloro-m-xylene

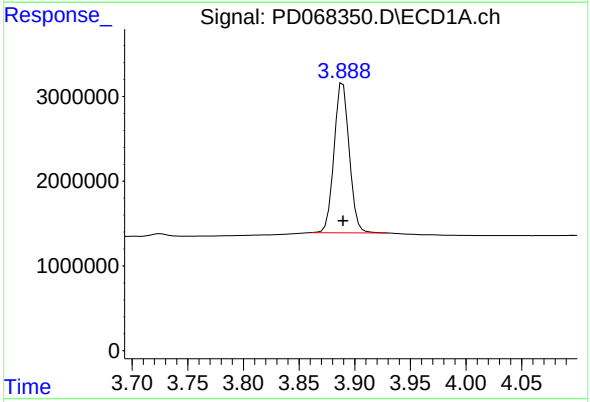
R.T.: 3.450 min
Delta R.T.: 0.000 min
Response: 23619050
Conc: 20.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



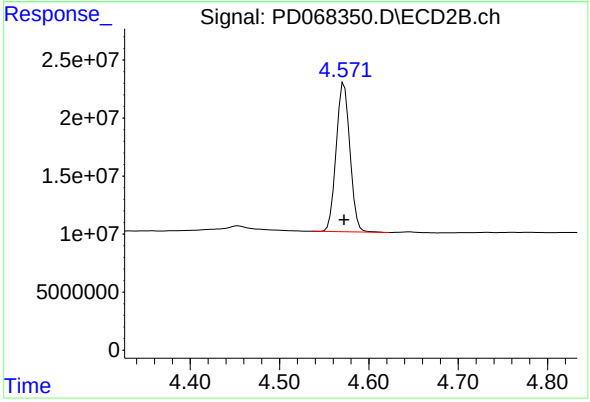
#1 Tetrachloro-m-xylene

R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 186689795
Conc: 19.45 ng/ml



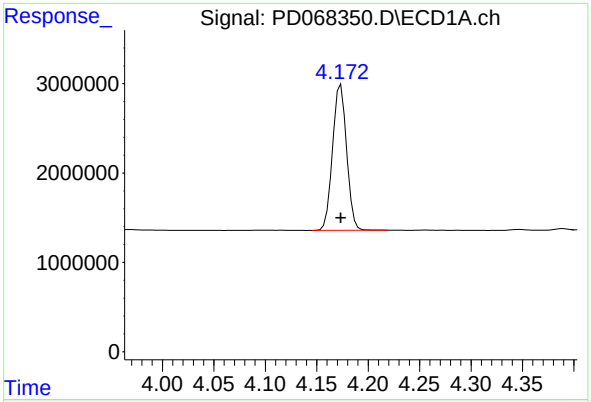
#2 alpha-BHC

R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 16817816
Conc: 9.80 ng/ml



#2 alpha-BHC

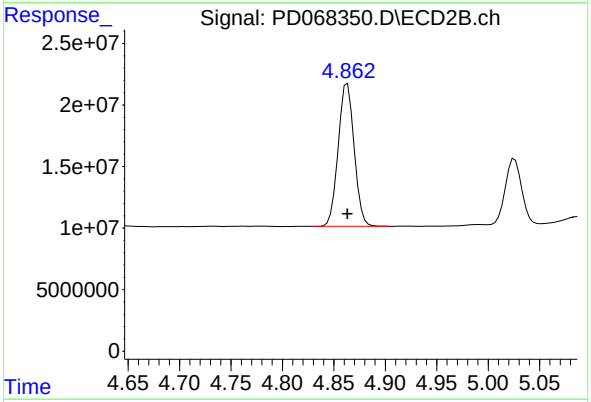
R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 136827571
Conc: 9.97 ng/ml



#3 gamma-BHC (Lindane)

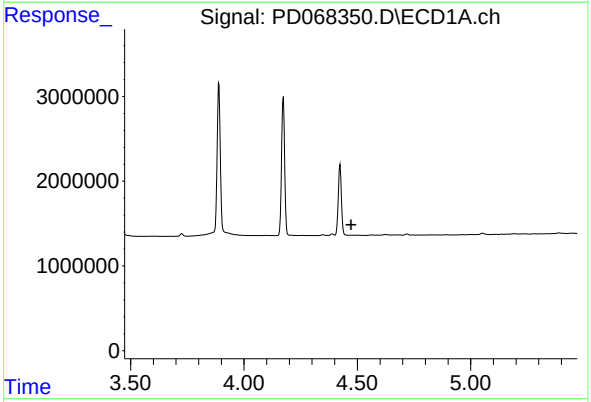
R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 15524807
Conc: 9.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



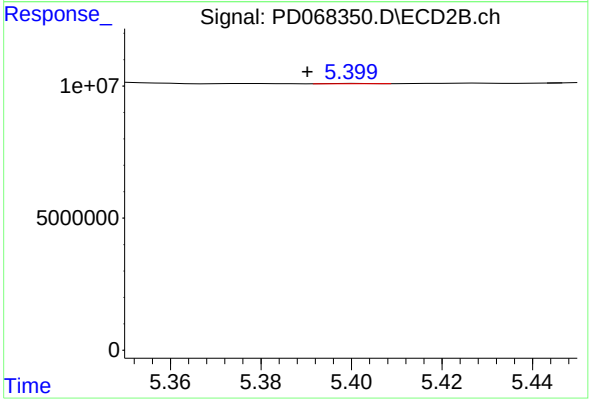
#3 gamma-BHC (Lindane)

R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 125208490
Conc: 10.10 ng/ml



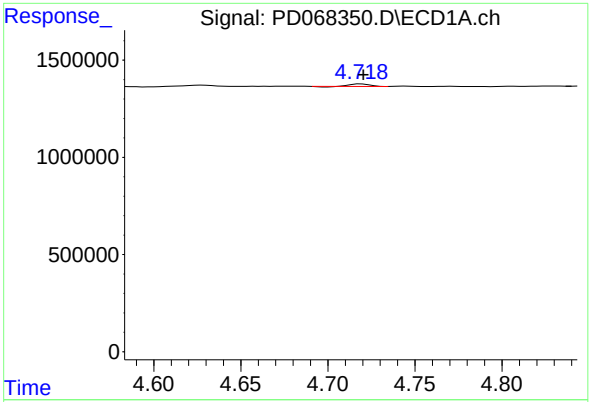
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.472 min
Response: 0
Conc: N.D.



#4 Heptachlor

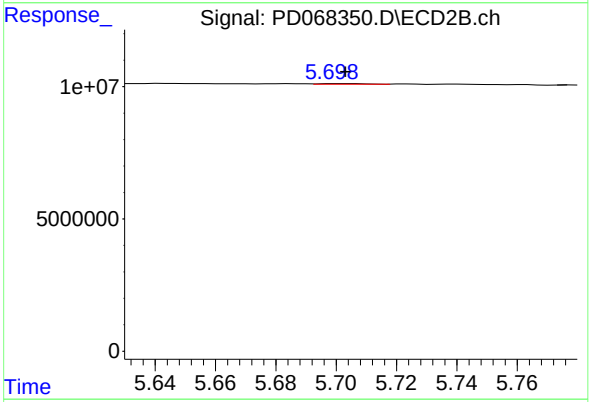
R.T.: 5.401 min
Delta R.T.: 0.010 min
Response: 61645
Conc: 0.01 ng/ml



#5 Aldrin

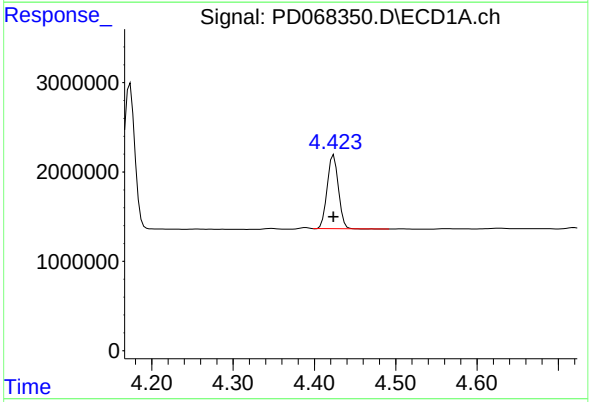
R.T.: 4.719 min
Delta R.T.: -0.001 min
Response: 93422
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



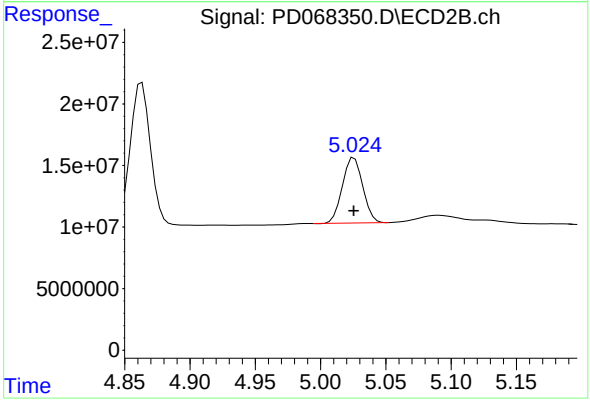
#5 Aldrin

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 266318
Conc: 0.02 ng/ml



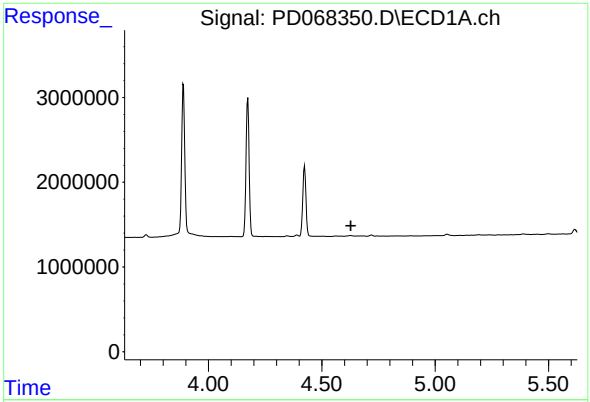
#6 beta-BHC

R.T.: 4.424 min
Delta R.T.: 0.000 min
Response: 7913036
Conc: 11.28 ng/ml



#6 beta-BHC

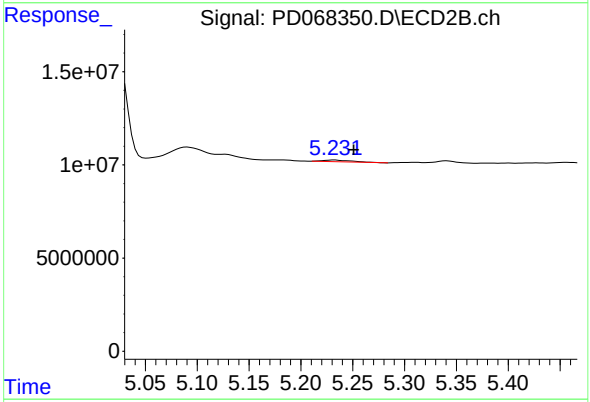
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 57578270
Conc: 10.65 ng/ml



#7 delta-BHC

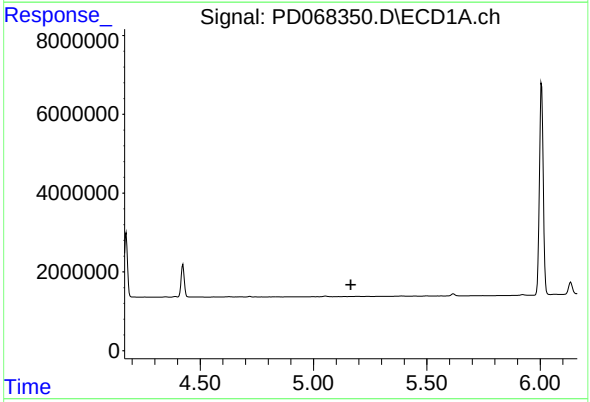
R.T.: 0.000 min
Exp R.T. : 4.628 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



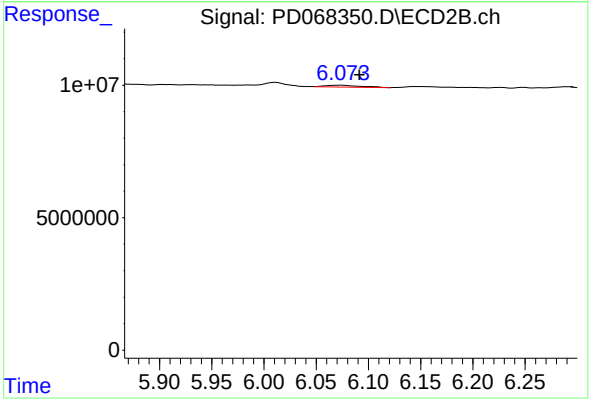
#7 delta-BHC

R.T.: 5.232 min
Delta R.T.: -0.019 min
Response: 1782270
Conc: 0.14 ng/ml



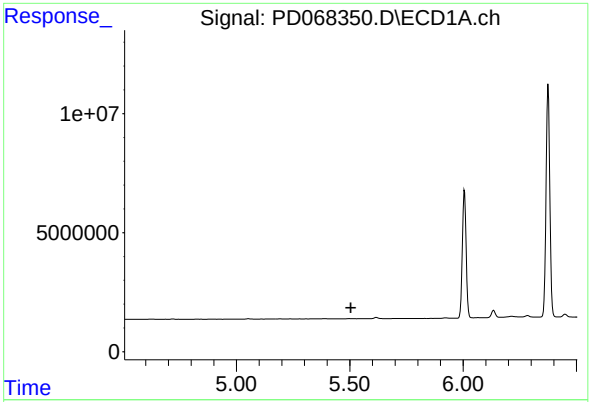
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.165 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

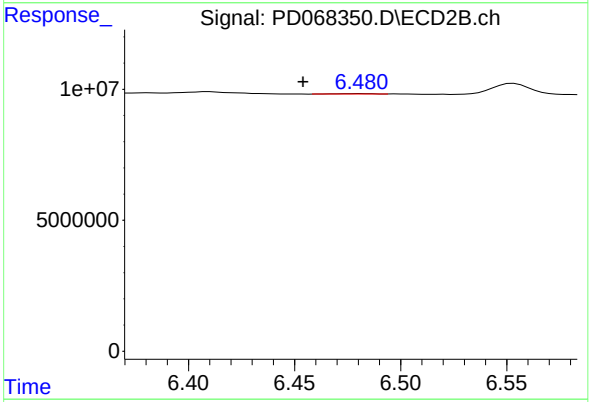
R.T.: 6.074 min
Delta R.T.: -0.017 min
Response: 1620743
Conc: 0.15 ng/ml



#9 Endosulfan I

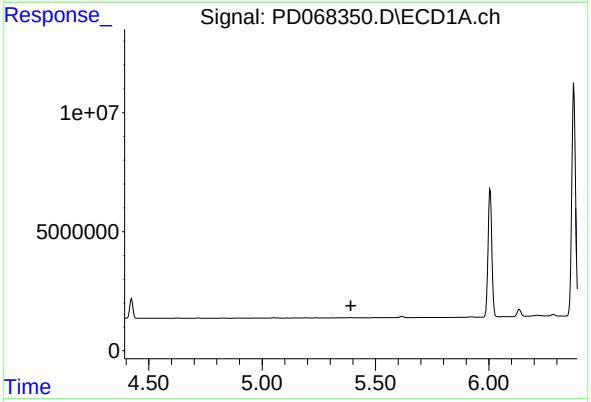
R.T.: 0.000 min
Exp R.T. : 5.504 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



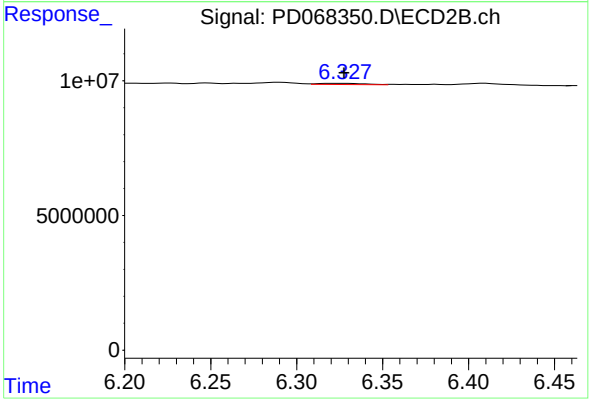
#9 Endosulfan I

R.T.: 6.481 min
Delta R.T.: 0.027 min
Response: 195985
Conc: 0.02 ng/ml



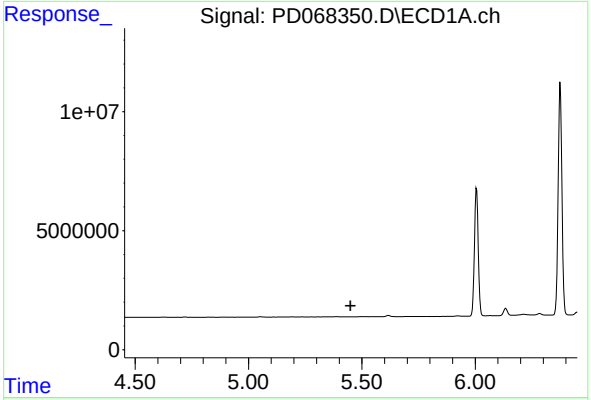
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.391 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

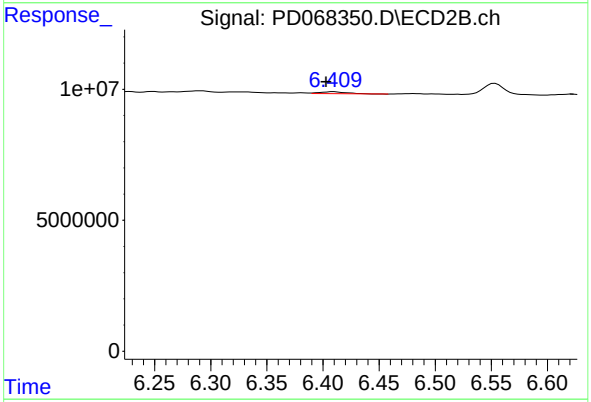
R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 837210
Conc: 0.08 ng/ml



#11 alpha-Chlordane

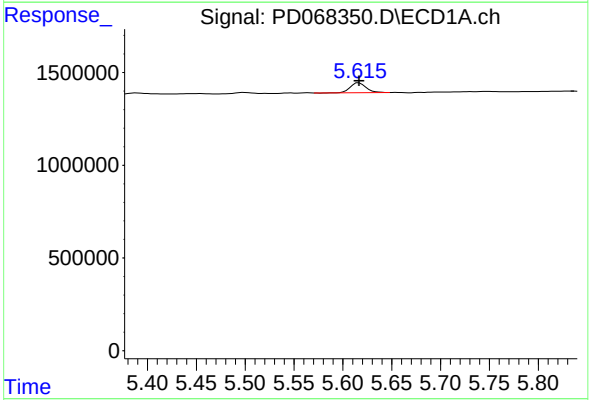
R.T.: 0.000 min
Exp R.T. : 5.450 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



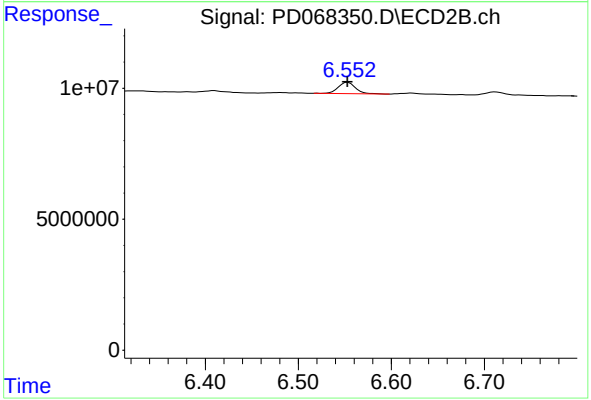
#11 alpha-Chlordane

R.T.: 6.410 min
Delta R.T.: 0.007 min
Response: 1210459
Conc: 0.12 ng/ml



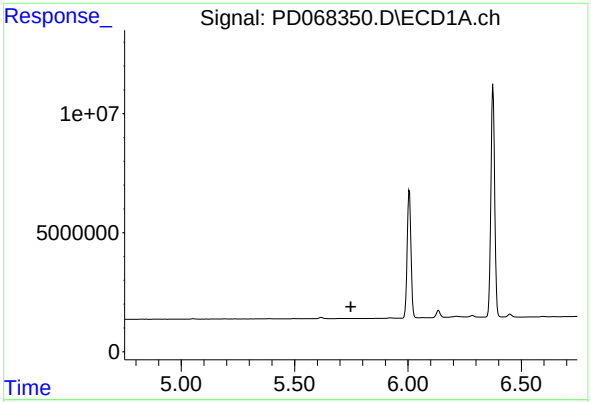
#12 4,4'-DDE

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 596982
Conc: 0.44 ng/ml



#12 4,4'-DDE

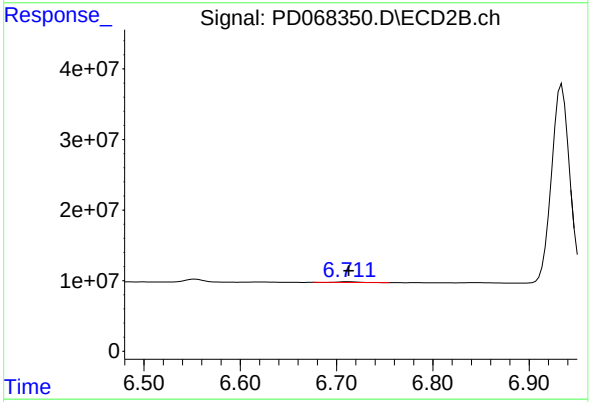
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 5566231
Conc: 0.57 ng/ml



#13 Dieldrin

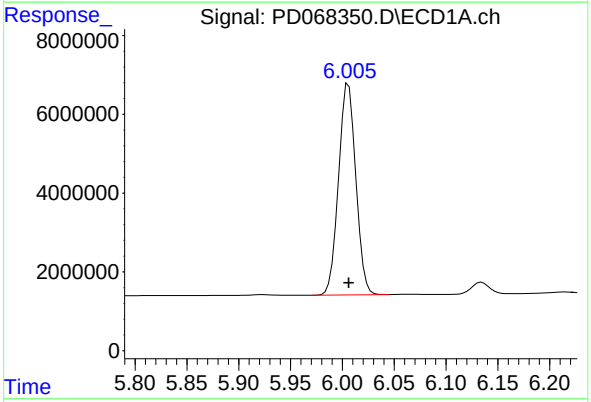
R.T.: 0.000 min
Exp R.T. : 5.748 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



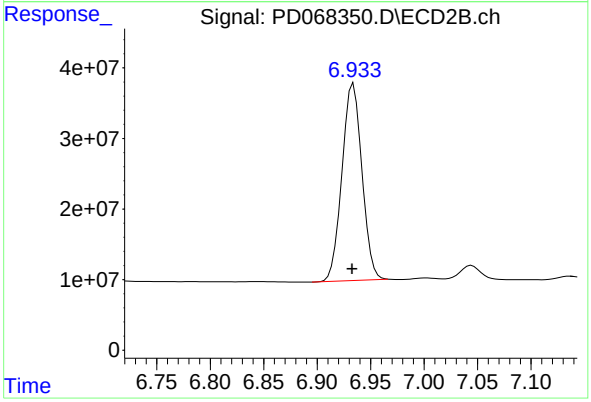
#13 Dieldrin

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 1523111
Conc: 0.15 ng/ml



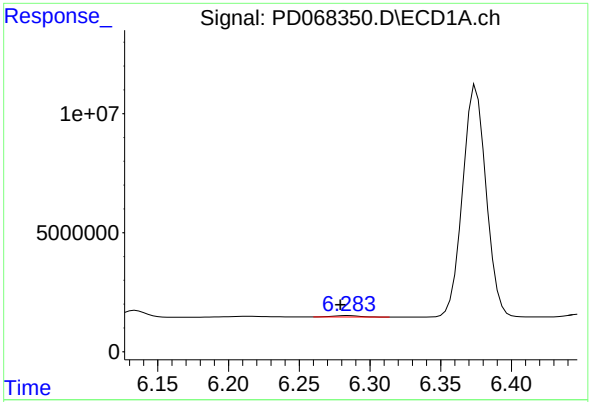
#14 Endrin

R.T.: 6.006 min
Delta R.T.: 0.000 min
Response: 62272271
Conc: 50.41 ng/ml



#14 Endrin

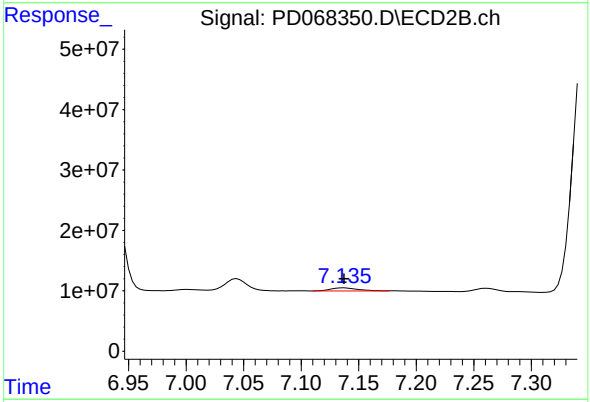
R.T.: 6.934 min
Delta R.T.: 0.001 min
Response: 363348919
Conc: 47.25 ng/ml



#15 Endosulfan II

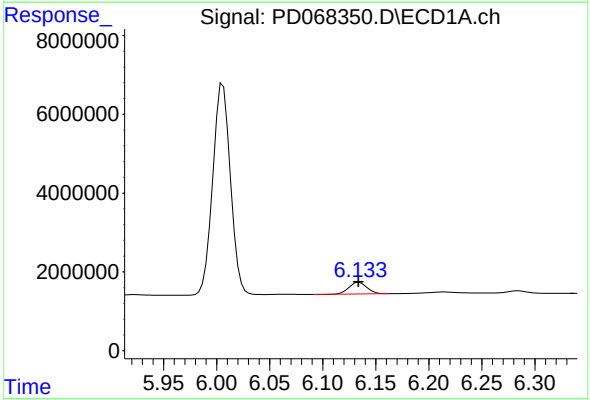
R.T.: 6.284 min
Delta R.T.: 0.005 min
Response: 721492
Conc: 0.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



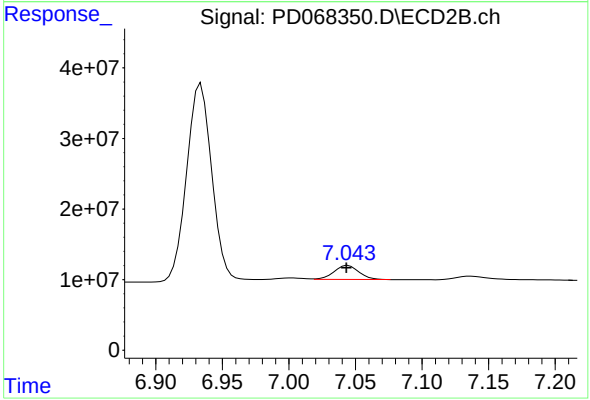
#15 Endosulfan II

R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 8280167
Conc: 1.01 ng/ml



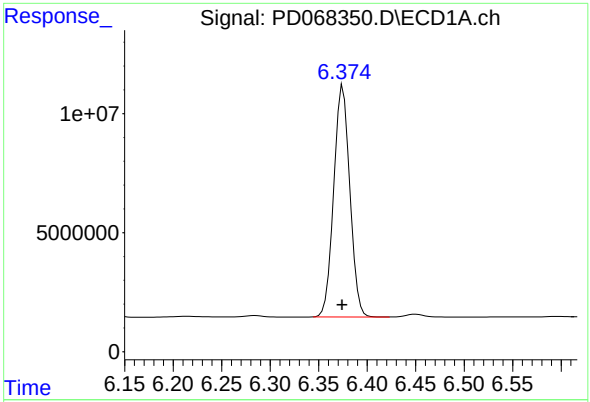
#16 4,4'-DDD

R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 3488148
Conc: 2.94 ng/ml



#16 4,4'-DDD

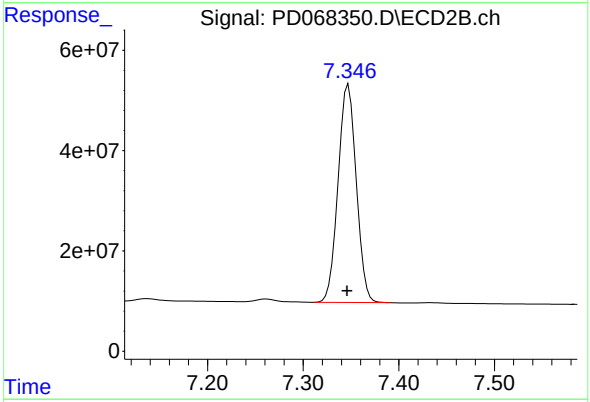
R.T.: 7.044 min
Delta R.T.: 0.001 min
Response: 25809194
Conc: 3.28 ng/ml



#17 4,4'-DDT

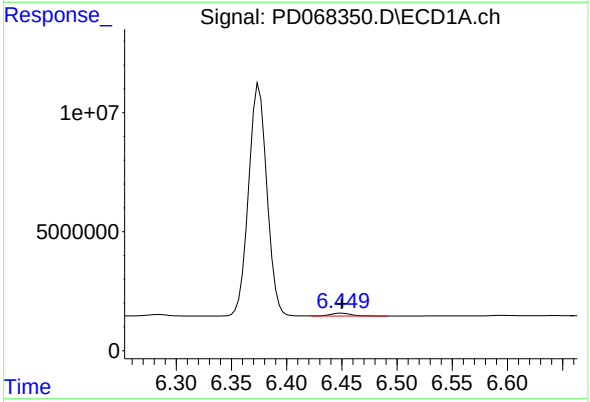
R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 112259447
Conc: 101.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



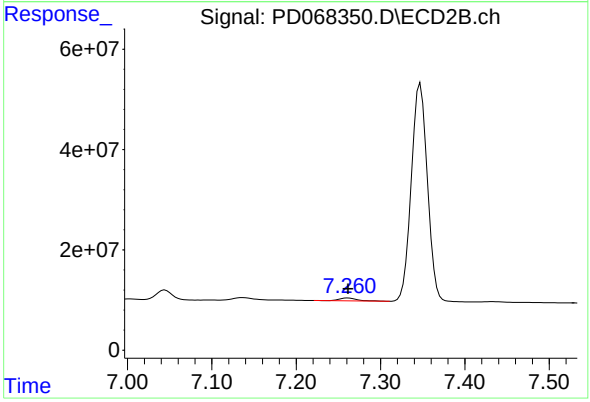
#17 4,4'-DDT

R.T.: 7.347 min
Delta R.T.: 0.001 min
Response: 576437486
Conc: 81.47 ng/ml



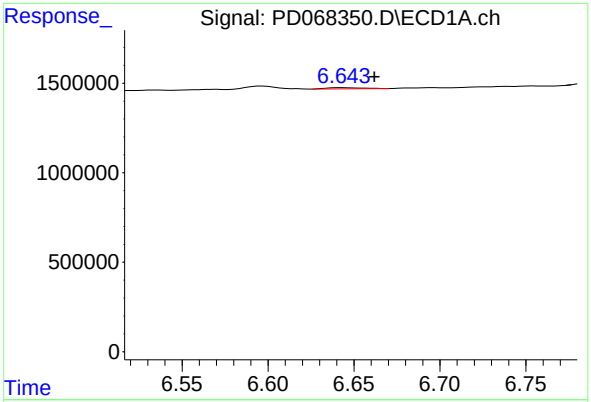
#18 Endrin aldehyde

R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 1511928
Conc: 1.65 ng/ml



#18 Endrin aldehyde

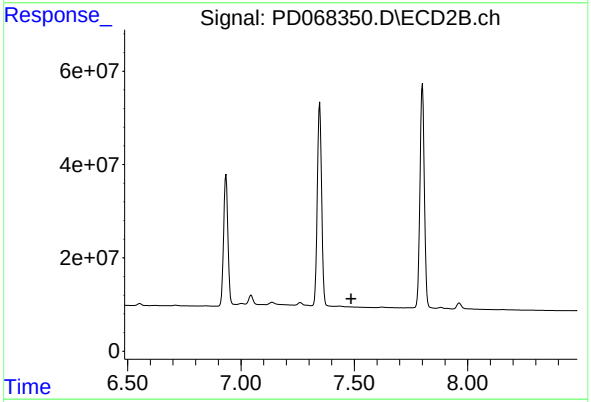
R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 8715219
Conc: 1.45 ng/ml



#19 Endosulfan Sulfate

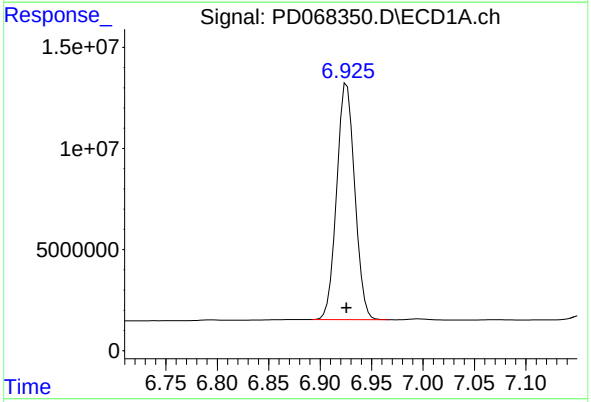
R.T.: 6.644 min
Delta R.T.: -0.018 min
Response: 99463
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



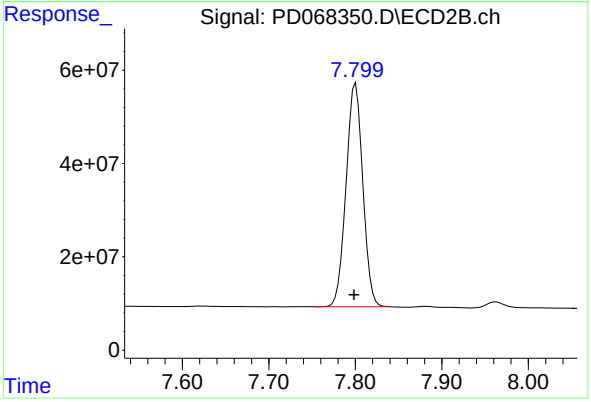
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.486 min
Response: 0
Conc: N.D.



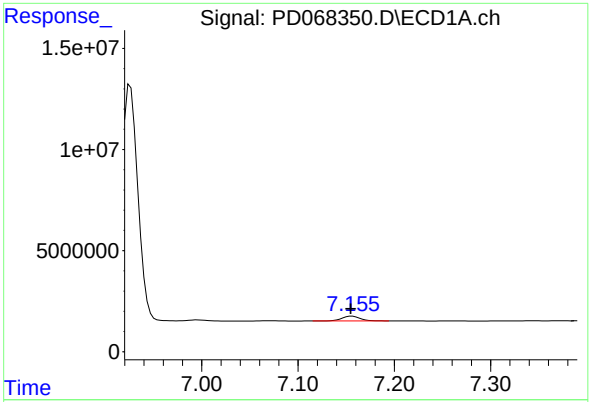
#20 Methoxychlor

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 142914107
Conc: 220.24 ng/ml



#20 Methoxychlor

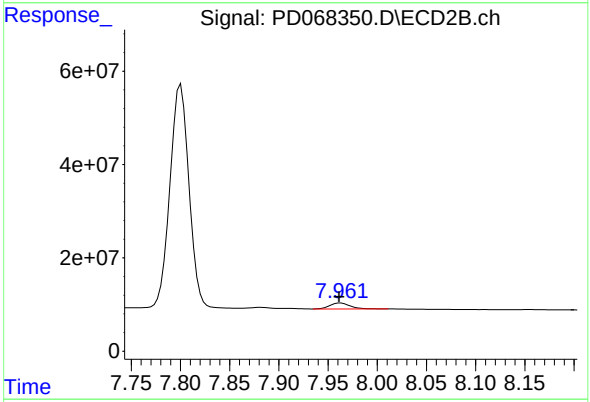
R.T.: 7.800 min
Delta R.T.: 0.002 min
Response: 641510343
Conc: 184.64 ng/ml



#21 Endrin ketone

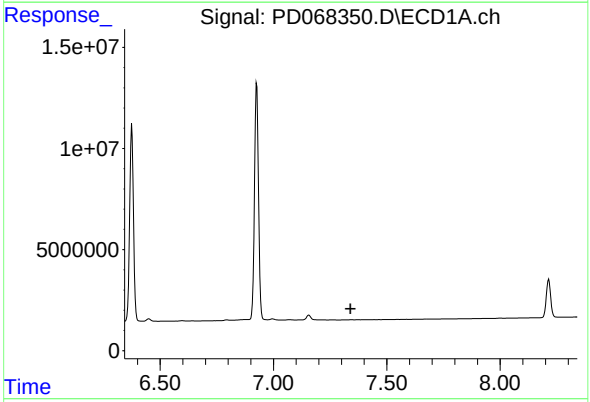
R.T.: 7.156 min
Delta R.T.: 0.001 min
Response: 3035783
Conc: 2.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



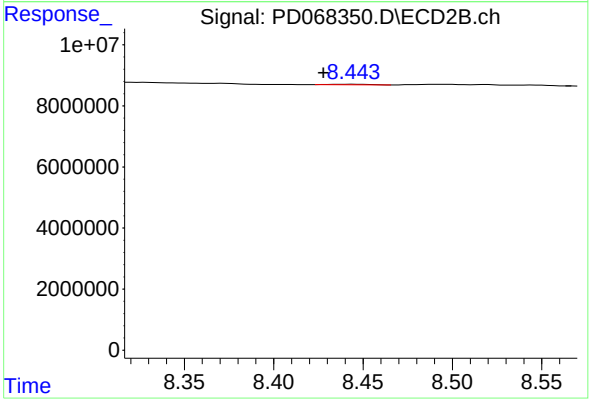
#21 Endrin ketone

R.T.: 7.963 min
Delta R.T.: 0.001 min
Response: 18035639
Conc: 2.15 ng/ml



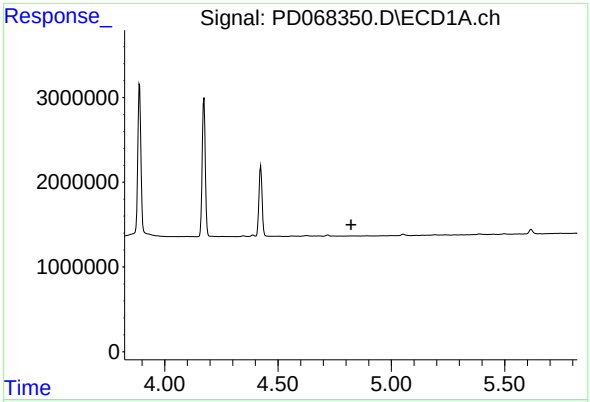
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.340 min
Response: 0
Conc: N.D.



#22 Mirex

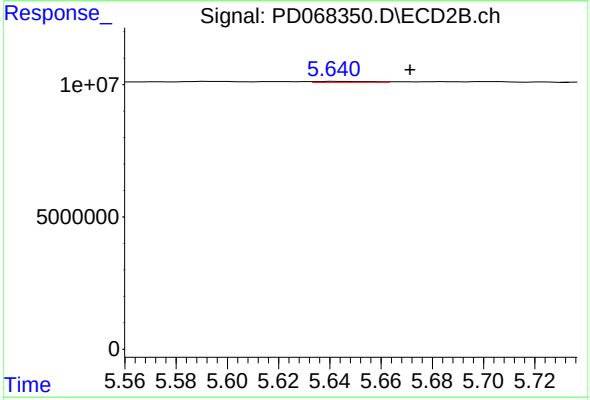
R.T.: 8.444 min
Delta R.T.: 0.016 min
Response: 261146
Conc: 0.04 ng/ml



#24 Chlordane-2

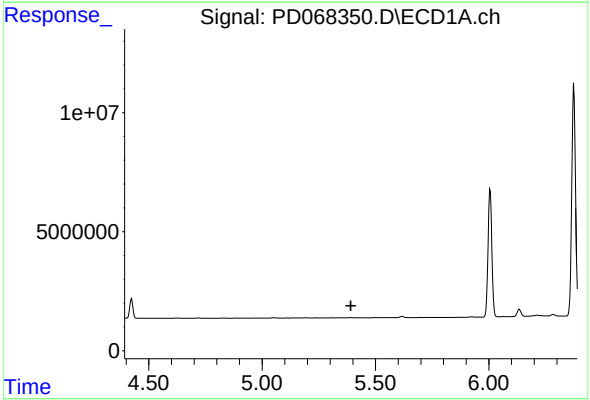
R.T.: 0.000 min
Exp R.T. : 4.822 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



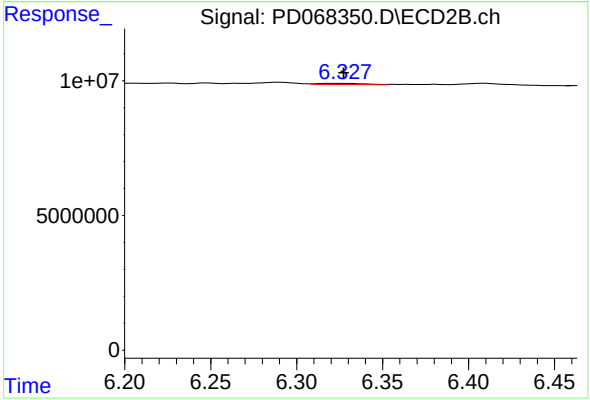
#24 Chlordane-2

R.T.: 5.642 min
Delta R.T.: -0.029 min
Response: 517634
Conc: 1.29 ng/ml



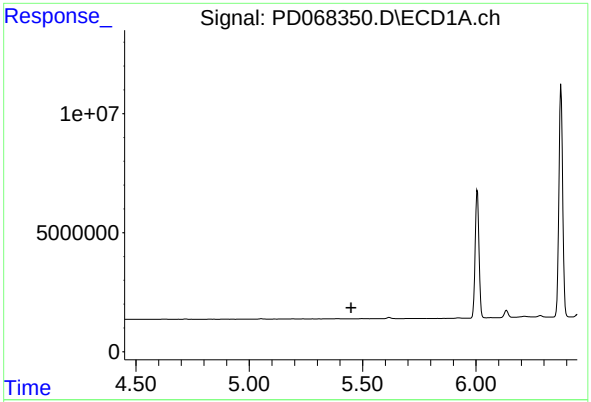
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.391 min
Response: 0
Conc: N.D.



#25 Chlordane-3

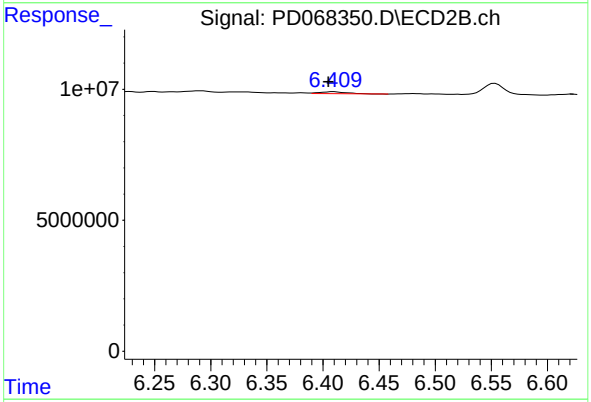
R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 837210
Conc: 0.59 ng/ml



#26 Chlordane-4

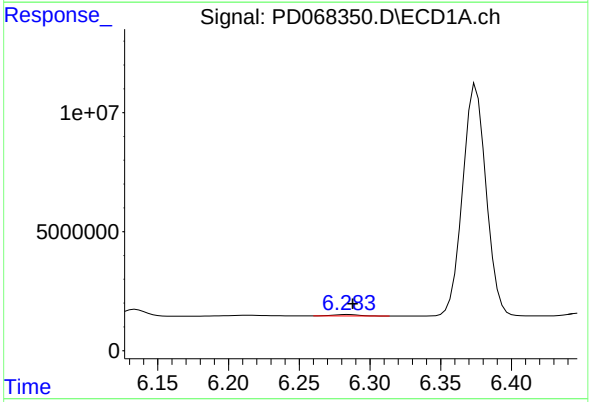
R.T.: 0.000 min
Exp R.T. : 5.449 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



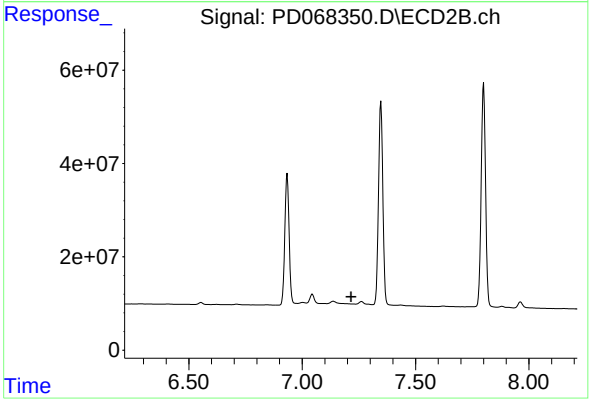
#26 Chlordane-4

R.T.: 6.410 min
Delta R.T.: 0.005 min
Response: 1210459
Conc: 0.75 ng/ml



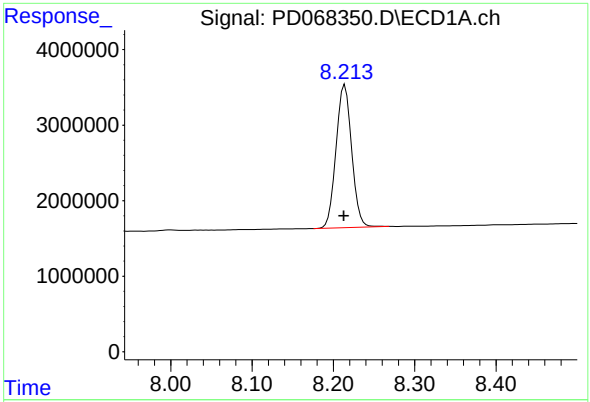
#27 Chlordane-5

R.T.: 6.284 min
Delta R.T.: -0.004 min
Response: 721492
Conc: 14.65 ng/ml



#27 Chlordane-5

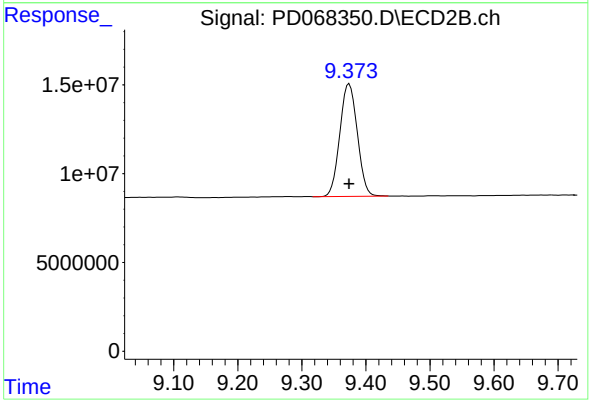
R.T.: 0.000 min
Exp R.T. : 7.216 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.214 min
Delta R.T.: 0.001 min
Response: 25247998
Conc: 21.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.374 min
Delta R.T.: 0.000 min
Response: 120001728
Conc: 20.24 ng/ml