Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040122\
Data File : PD068865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Mar 2022 19:11
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 31 02:50:39 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 03:30:32 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...	3.446	4.172	25250260	226.7E6	20.796	23.707	
28)	SA Decachlor...	8.205	9.368	27545647	139.6E6	21.803	24.638	
	Target Compounds							
2)	A alpha-BHC	3.885	4.568	17872291	163.8E6	9.871	11.900	
3)	MA gamma-BHC...	4.168	4.859	17234110	151.2E6	10.321	12.090	
4)	MA Heptachlor	0.000	5.411f	0	165409	N.D.	0.014	#
5)	MB Aldrin	4.714	0.000	329865	0	0.206	N.D.	#
6)	B beta-BHC	4.419	5.022	8703281	71933157	11.689	13.103	
7)	B delta-BHC	0.000	5.226f	0	2442718	N.D.	0.203	#
8)	B Heptachlo...	0.000	6.072f	0	71498675	N.D.	6.847	#
9)	A Endosulfan I	0.000	6.449	0	1835981	N.D.	0.196	#
10)	B gamma-Chl...	5.383	6.317	475501	16327449	0.313	1.584	#
11)	B alpha-Chl...	0.000	6.401	0	10838114	N.D.	1.089	#
12)	B 4,4'-DDE	5.609	6.549	3532841	6997968	2.582	0.755	#
13)	MA Dieldrin	0.000	6.708	0	4010267	N.D.	0.413	#
14)	MA Endrin	5.999	6.927	67097188	374.6E6	50.935	48.409	
15)	B Endosulfa...	6.276	7.132	1167440	8895852	0.937	1.177	#
16)	A 4,4'-DDD	6.127	7.039	5205840	43182878	4.415	5.847	#
17)	MA 4,4'-DDT	6.367	7.343	118.7E6	721.3E6	98.757	98.183	
18)	B Endrin al...	6.442	7.257	2033877	14278434	2.049	2.359	
19)	B Endosulfa...	6.637f	0.000	65102	0	0.051	N.D.	#
20)	A Methoxychlor	6.917	7.795	155.2E6	833.0E6	223.924	228.522	
21)	B Endrin ke...	7.147	7.957	4596934	28648717	3.123	3.697	
22)	Mirex	0.000	8.418	0	130854	N.D.	0.024	#
23)	Chlordane-1	0.000	5.226f	0	2442718	N.D.	6.191	#
25)	Chlordane-3	5.383	6.317	475501	16327449	3.410	12.152	#
26)	Chlordane-4	0.000	6.401	0	10838114	N.D.	6.972	#
27)	Chlordane-5	6.276	0.000	1167440	0	23.368	N.D.	#

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

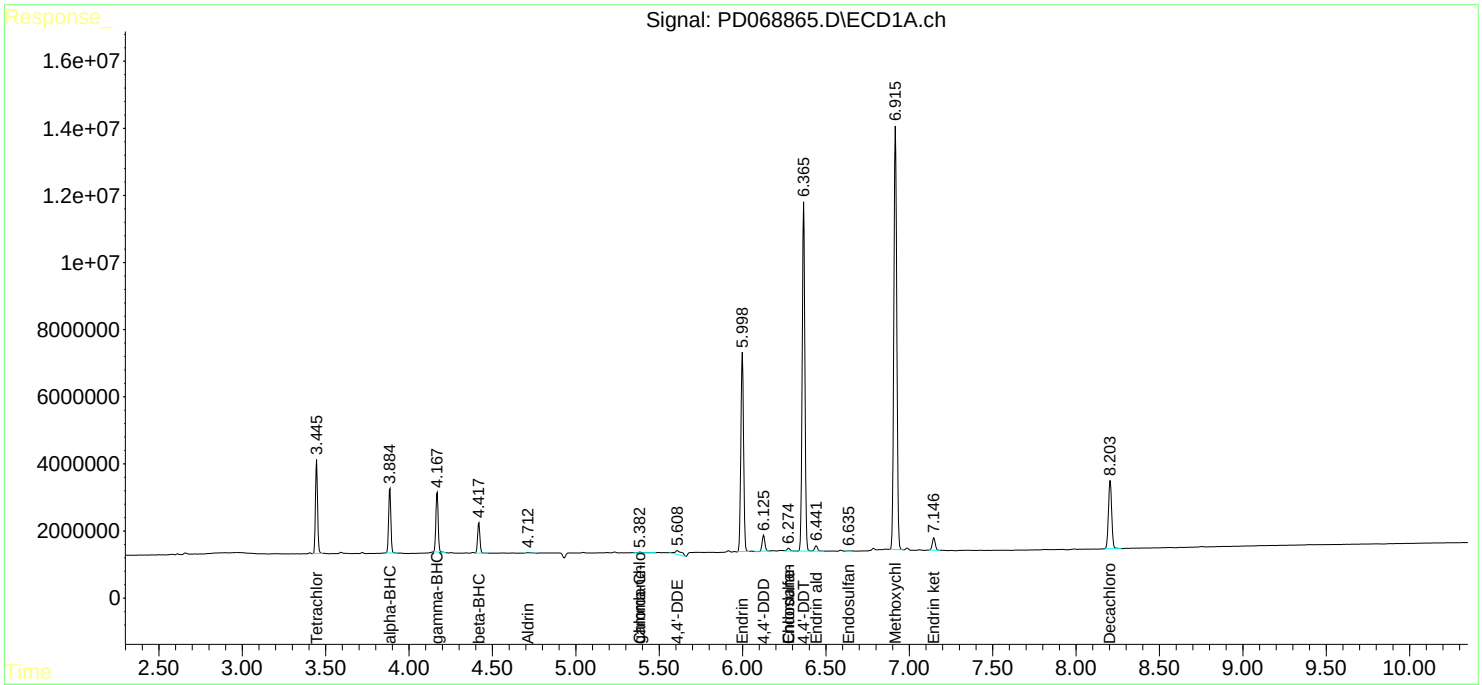
Quantitation Report (Not Reviewed)

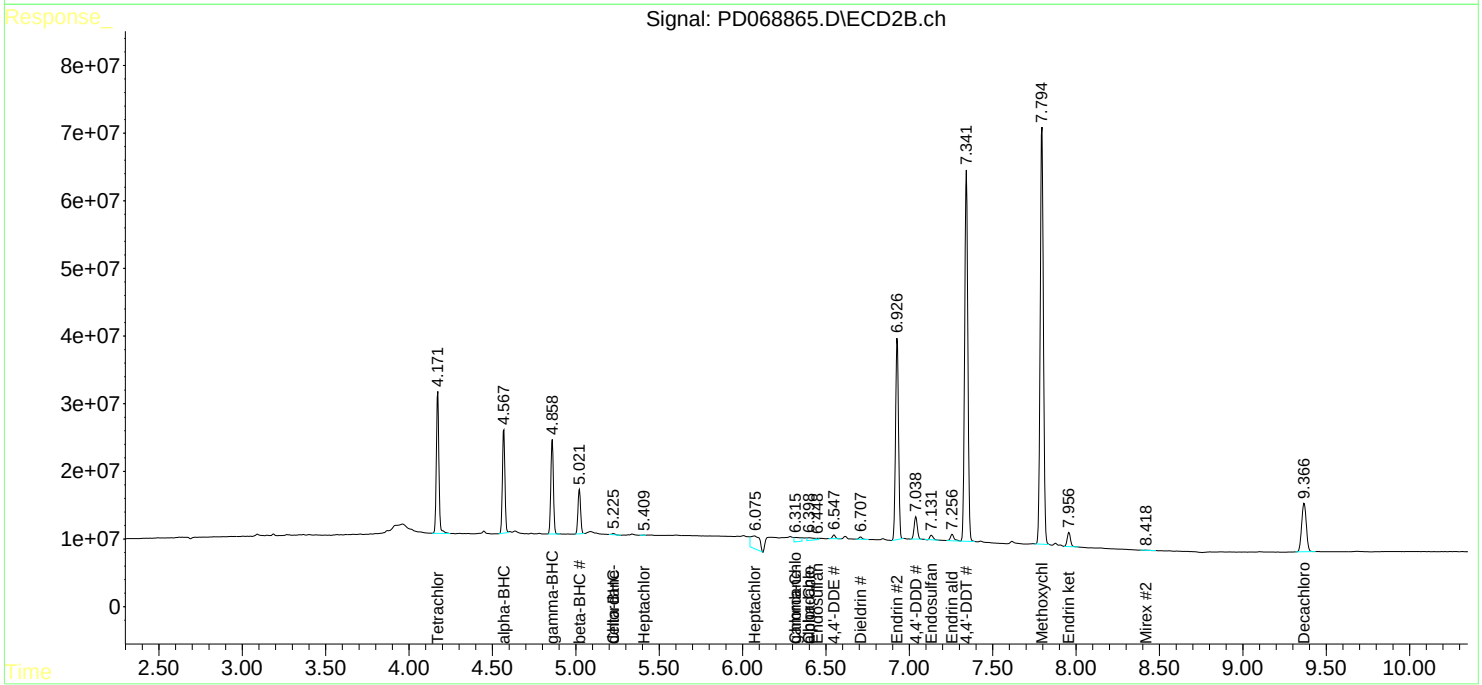
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040122\
Data File : PD068865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Mar 2022 19:11
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

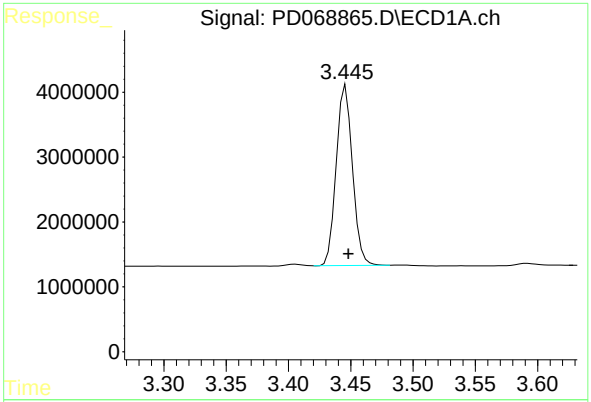
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 31 02:50:39 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 03:30:32 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



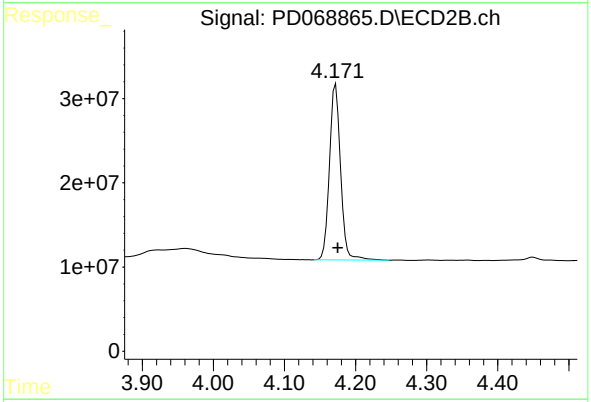




#1 Tetrachloro-m-xylene

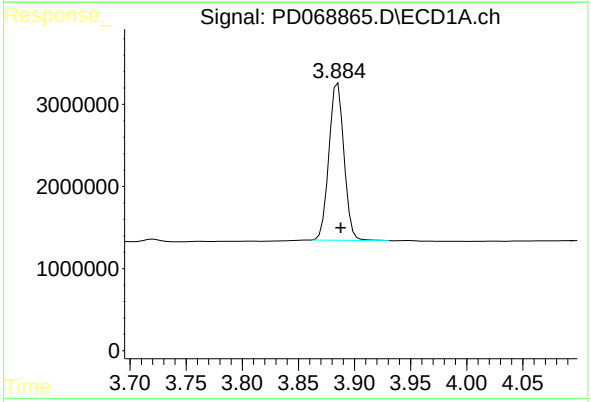
R.T.: 3.446 min
Delta R.T.: -0.002 min
Response: 25250260
Conc: 20.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



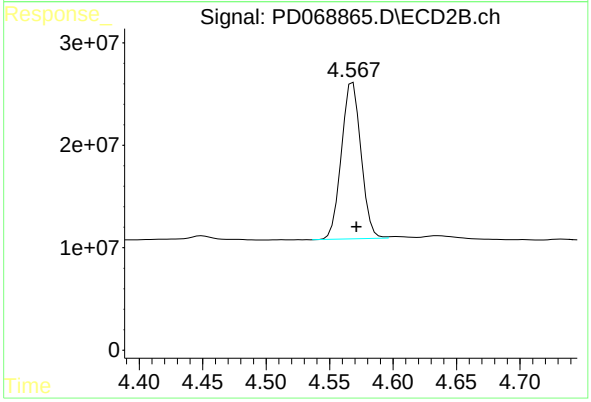
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: -0.003 min
Response: 226657791
Conc: 23.71 ng/ml



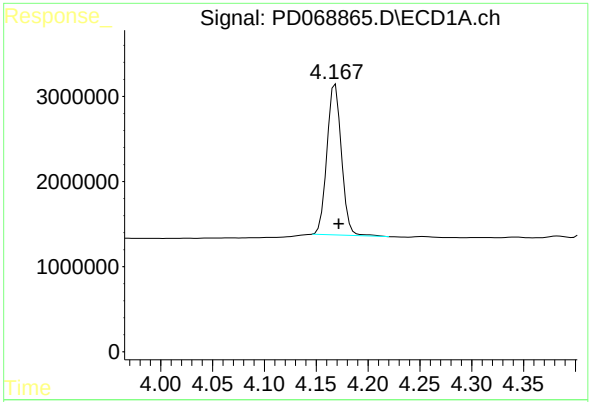
#2 alpha-BHC

R.T.: 3.885 min
Delta R.T.: -0.003 min
Response: 17872291
Conc: 9.87 ng/ml



#2 alpha-BHC

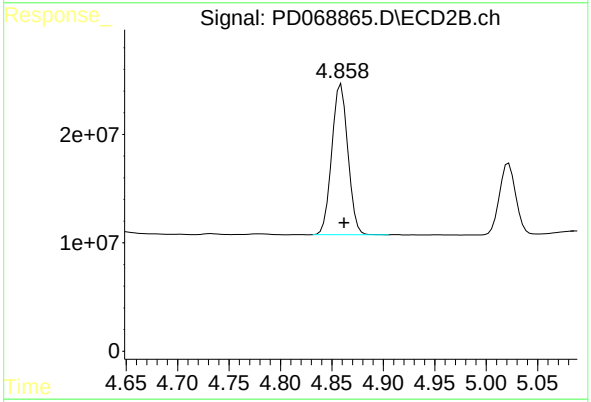
R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 163775329
Conc: 11.90 ng/ml



#3 gamma-BHC (Lindane)

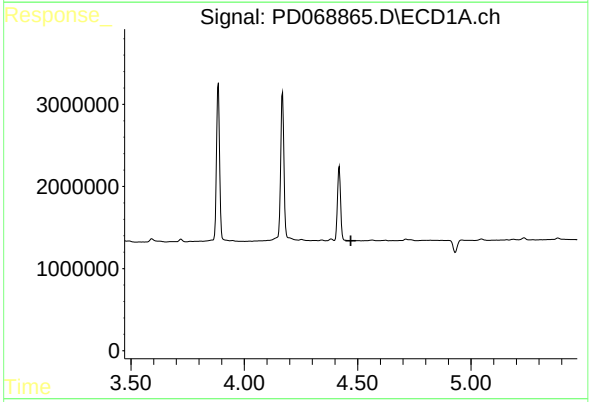
R.T.: 4.168 min
Delta R.T.: -0.003 min
Response: 17234110
Conc: 10.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



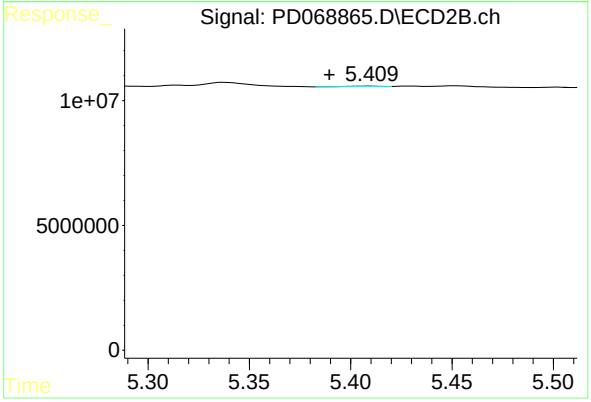
#3 gamma-BHC (Lindane)

R.T.: 4.859 min
Delta R.T.: -0.003 min
Response: 151165430
Conc: 12.09 ng/ml



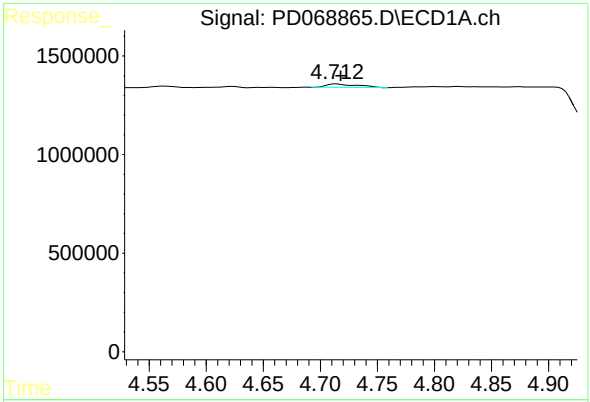
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.470 min
Response: 0
Conc: N.D.



#4 Heptachlor

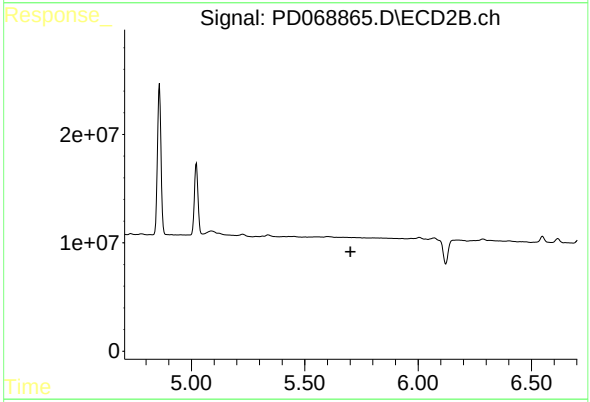
R.T.: 5.411 min
Delta R.T.: 0.021 min
Response: 165409
Conc: 0.01 ng/ml



#5 Aldrin

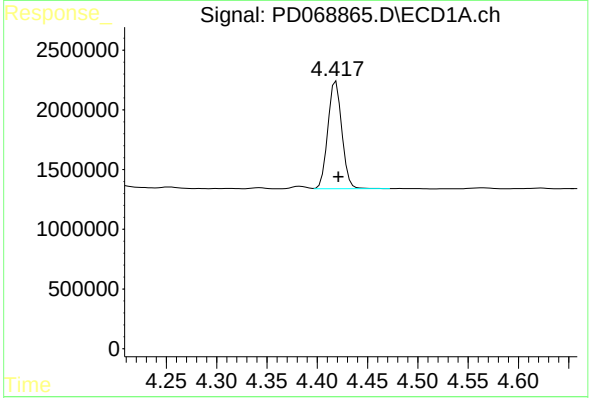
R.T.: 4.714 min
Delta R.T.: -0.004 min
Response: 329865
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



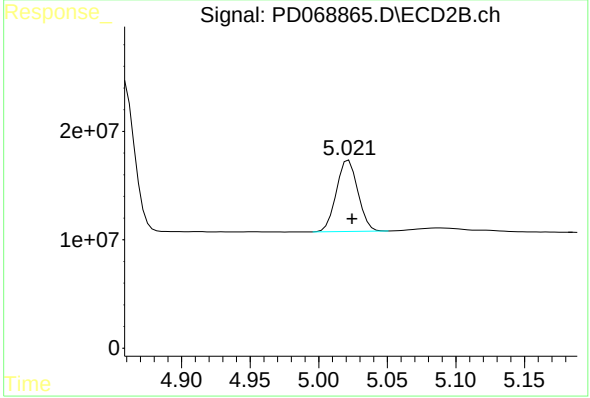
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.702 min
Response: 0
Conc: N.D.



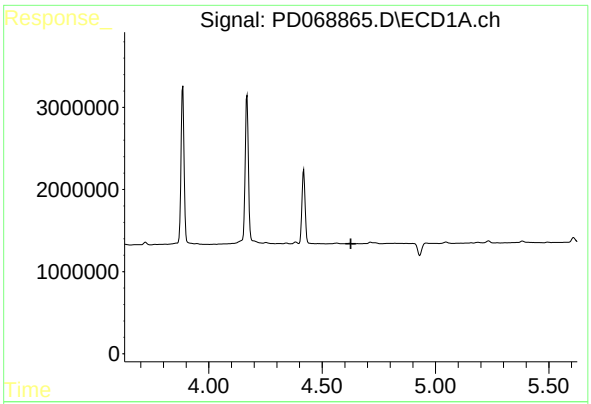
#6 beta-BHC

R.T.: 4.419 min
Delta R.T.: -0.002 min
Response: 8703281
Conc: 11.69 ng/ml



#6 beta-BHC

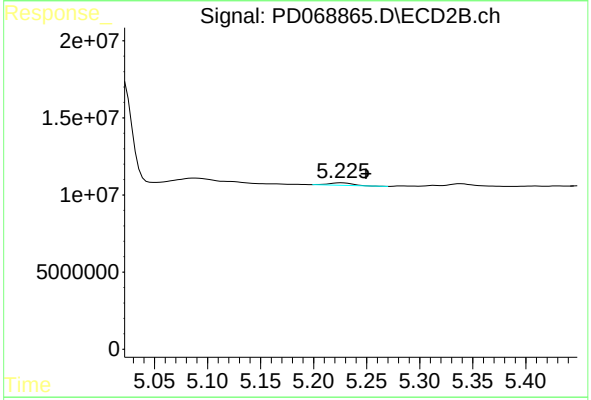
R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 71933157
Conc: 13.10 ng/ml



#7 delta-BHC

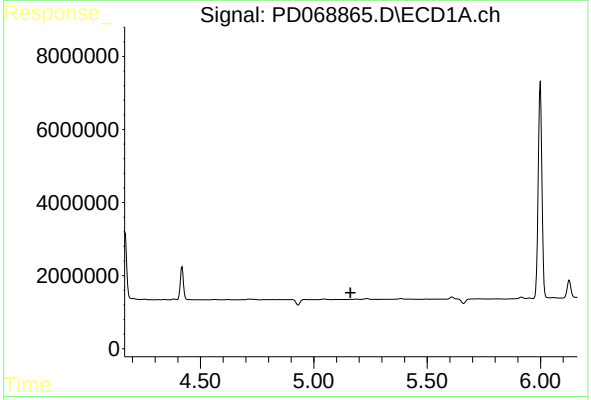
R.T.: 0.000 min
Exp R.T. : 4.626 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



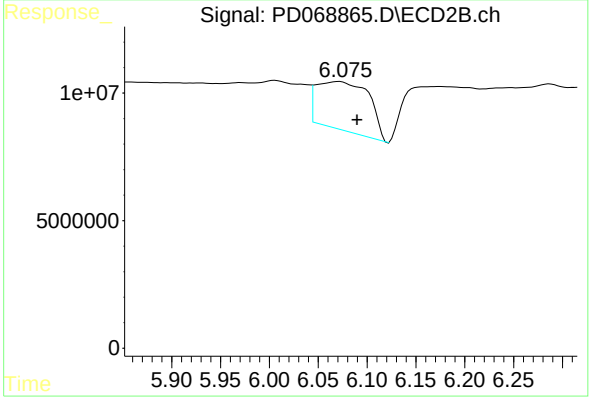
#7 delta-BHC

R.T.: 5.226 min
Delta R.T.: -0.023 min
Response: 2442718
Conc: 0.20 ng/ml



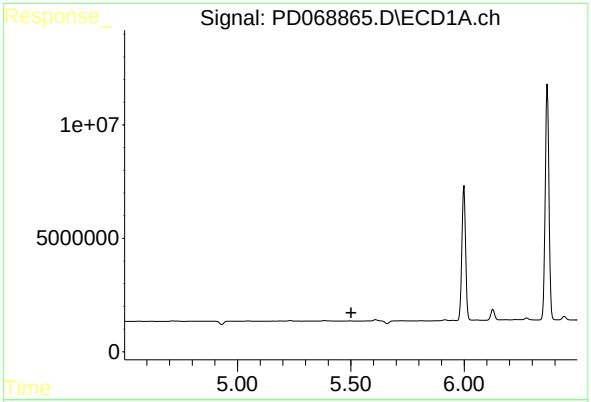
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.162 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

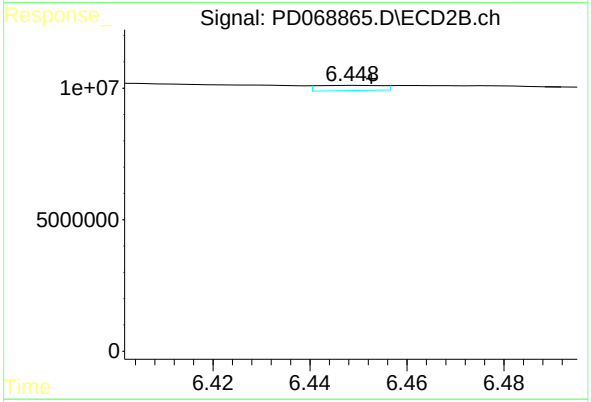
R.T.: 6.072 min
Delta R.T.: -0.018 min
Response: 71498675
Conc: 6.85 ng/ml



#9 Endosulfan I

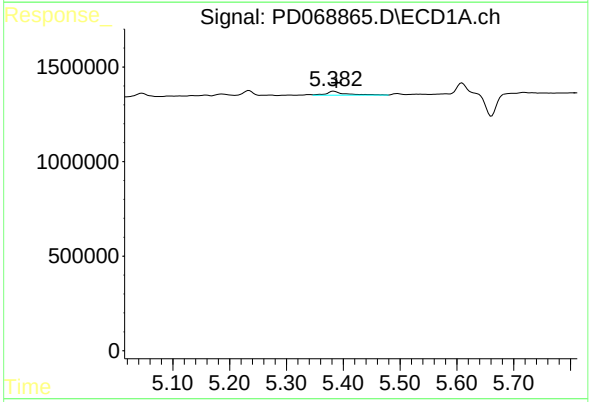
R.T.: 0.000 min
Exp R.T. : 5.501 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



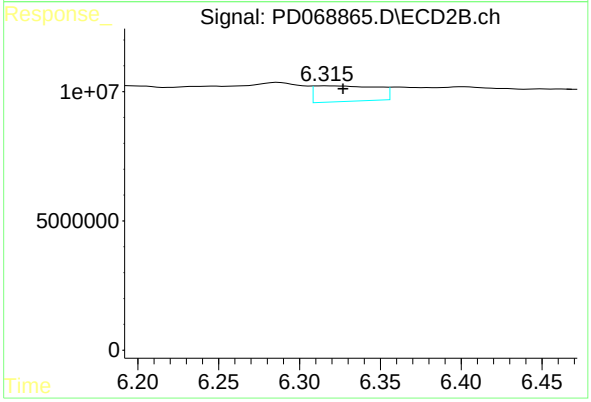
#9 Endosulfan I

R.T.: 6.449 min
Delta R.T.: -0.003 min
Response: 1835981
Conc: 0.20 ng/ml



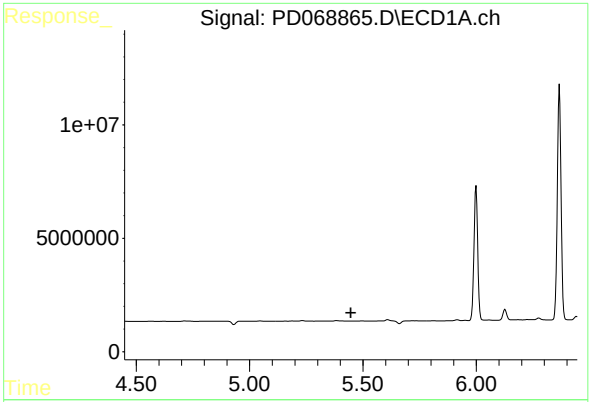
#10 gamma-Chlordane

R.T.: 5.383 min
Delta R.T.: -0.005 min
Response: 475501
Conc: 0.31 ng/ml



#10 gamma-Chlordane

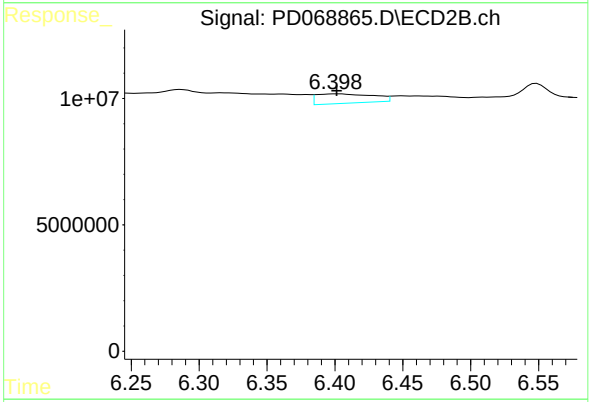
R.T.: 6.317 min
Delta R.T.: -0.010 min
Response: 16327449
Conc: 1.58 ng/ml



#11 alpha-Chlordane

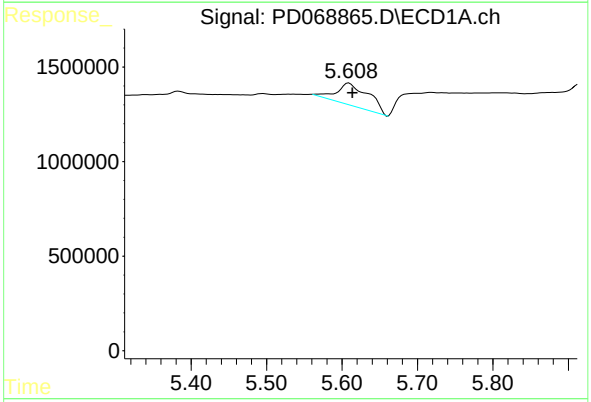
R.T.: 0.000 min
Exp R.T. : 5.447 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



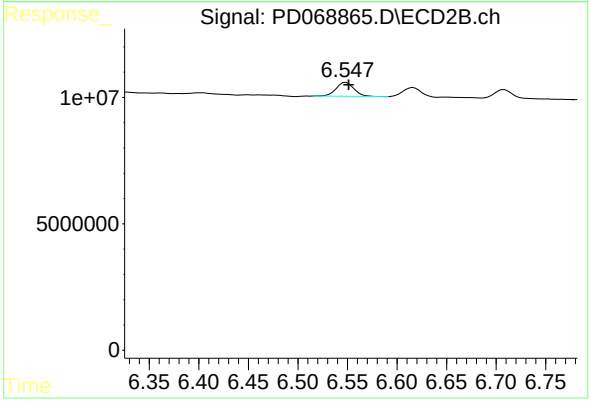
#11 alpha-Chlordane

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 10838114
Conc: 1.09 ng/ml



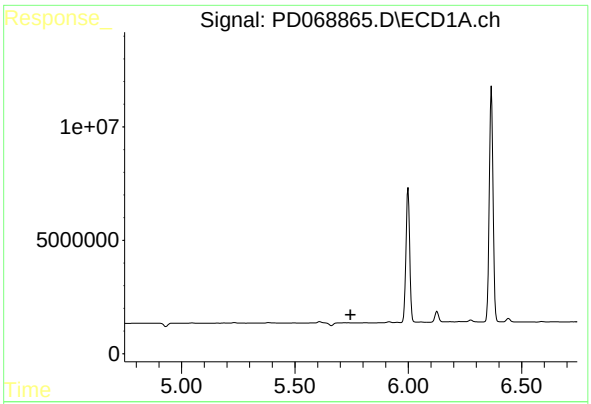
#12 4,4'-DDE

R.T.: 5.609 min
Delta R.T.: -0.005 min
Response: 3532841
Conc: 2.58 ng/ml



#12 4,4'-DDE

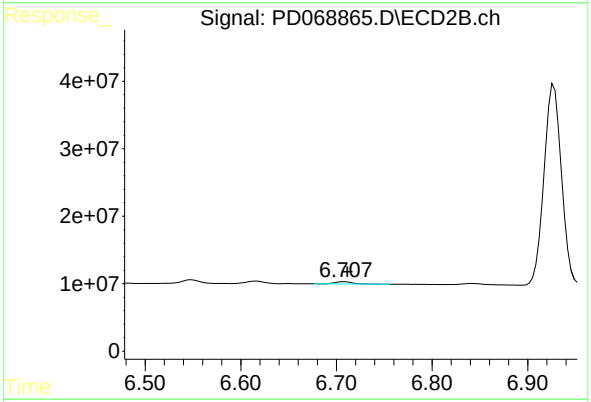
R.T.: 6.549 min
Delta R.T.: -0.003 min
Response: 6997968
Conc: 0.76 ng/ml



#13 Dieldrin

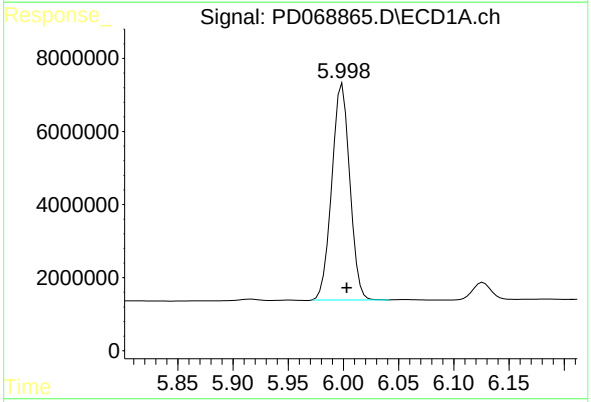
R.T.: 0.000 min
Exp R.T. : 5.745 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



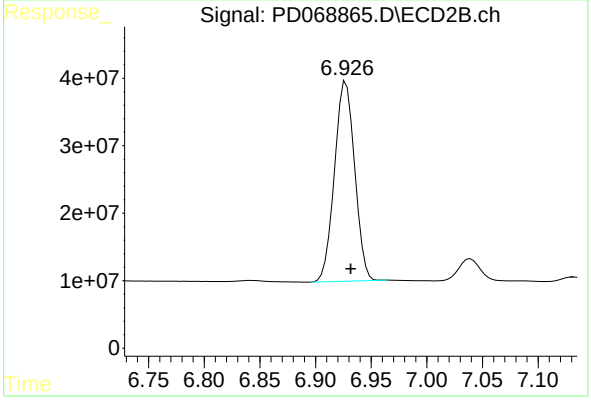
#13 Dieldrin

R.T.: 6.708 min
Delta R.T.: -0.003 min
Response: 4010267
Conc: 0.41 ng/ml



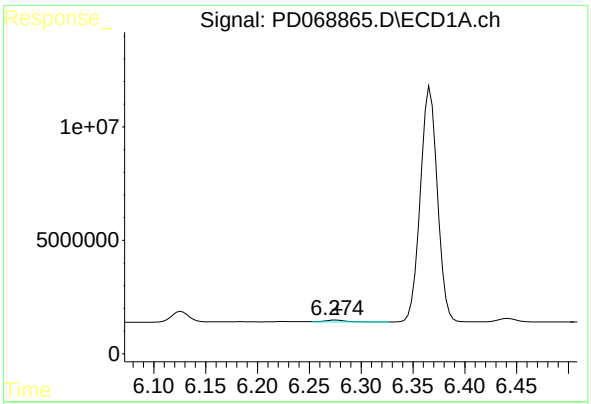
#14 Endrin

R.T.: 5.999 min
Delta R.T.: -0.004 min
Response: 67097188
Conc: 50.93 ng/ml



#14 Endrin

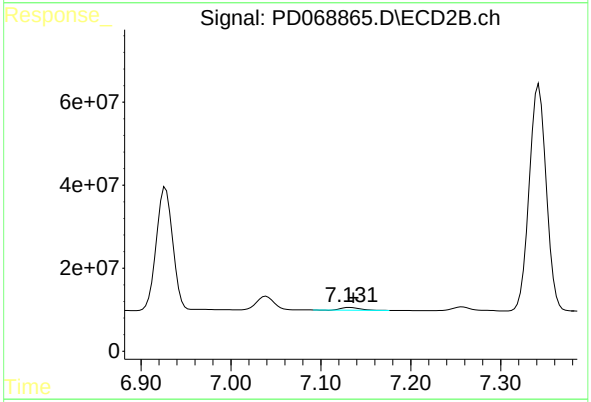
R.T.: 6.927 min
Delta R.T.: -0.004 min
Response: 374565084
Conc: 48.41 ng/ml



#15 Endosulfan II

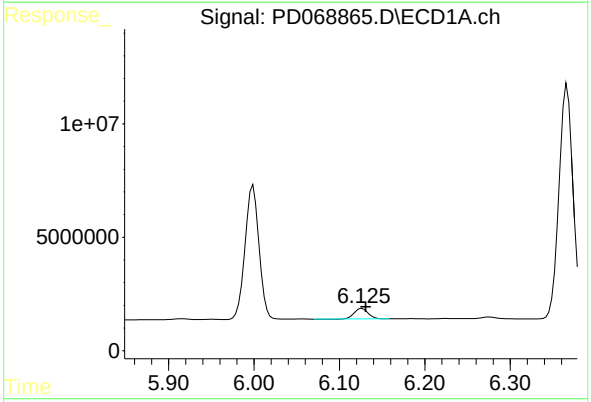
R.T.: 6.276 min
Delta R.T.: -0.001 min
Response: 1167440
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



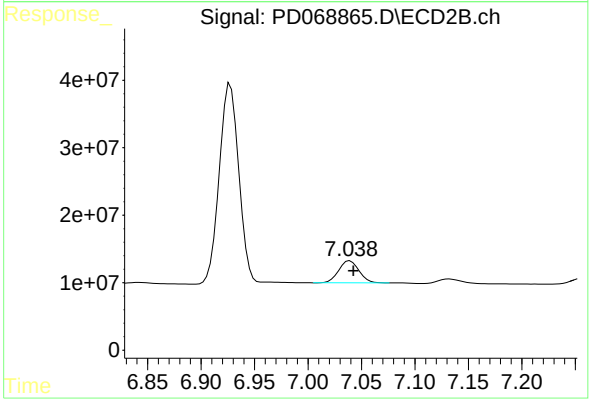
#15 Endosulfan II

R.T.: 7.132 min
Delta R.T.: -0.004 min
Response: 8895852
Conc: 1.18 ng/ml



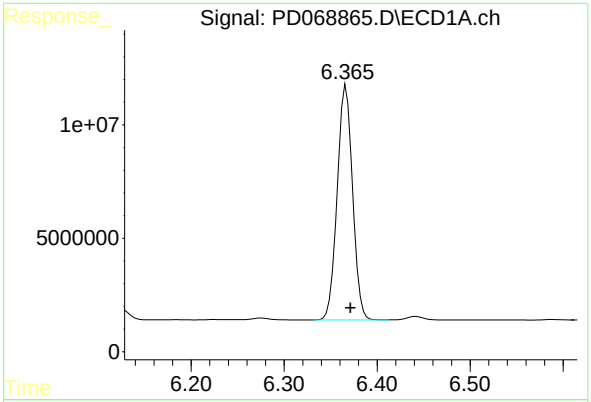
#16 4,4'-DDD

R.T.: 6.127 min
Delta R.T.: -0.004 min
Response: 5205840
Conc: 4.41 ng/ml



#16 4,4'-DDD

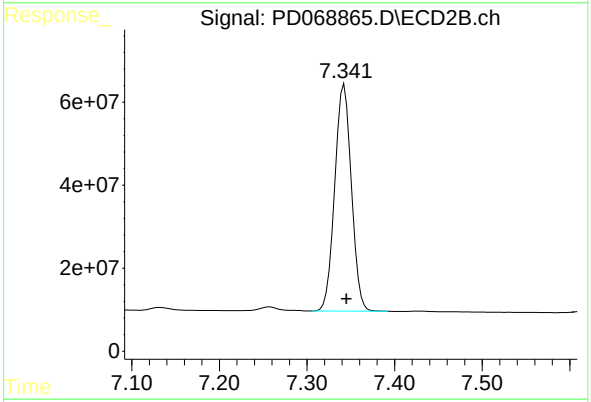
R.T.: 7.039 min
Delta R.T.: -0.003 min
Response: 43182878
Conc: 5.85 ng/ml



#17 4,4'-DDT

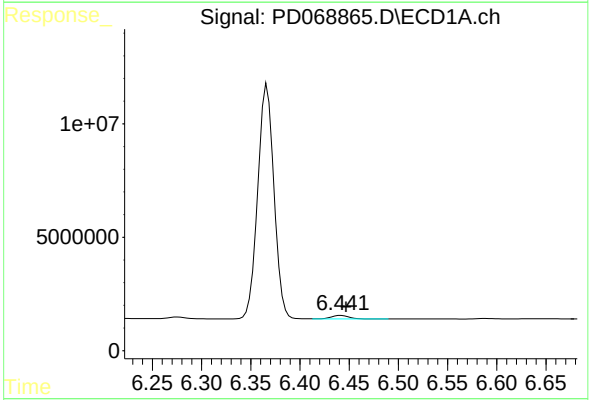
R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 118703140
Conc: 98.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



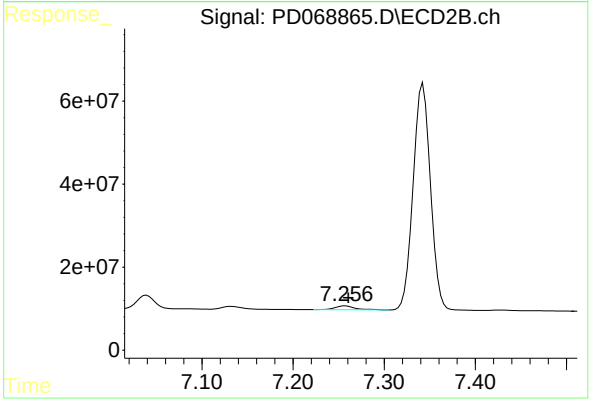
#17 4,4'-DDT

R.T.: 7.343 min
Delta R.T.: -0.002 min
Response: 721328170
Conc: 98.18 ng/ml



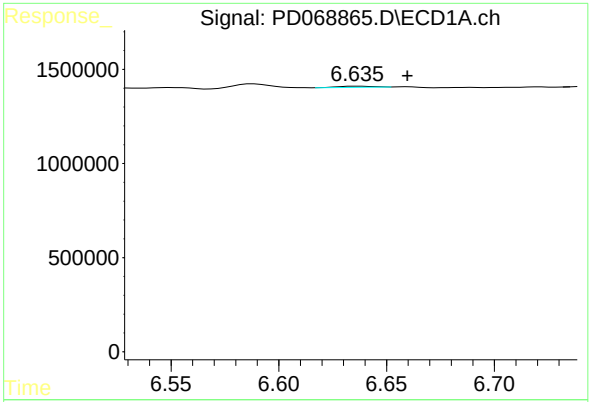
#18 Endrin aldehyde

R.T.: 6.442 min
Delta R.T.: -0.005 min
Response: 2033877
Conc: 2.05 ng/ml



#18 Endrin aldehyde

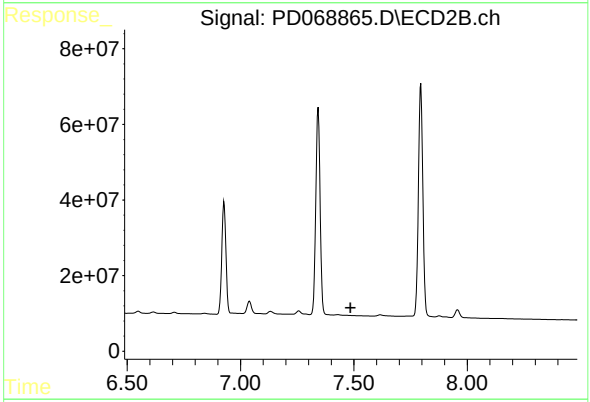
R.T.: 7.257 min
Delta R.T.: -0.004 min
Response: 14278434
Conc: 2.36 ng/ml



#19 Endosulfan Sulfate

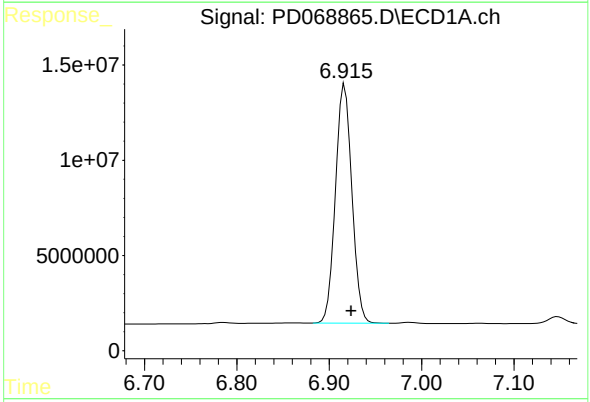
R.T.: 6.637 min
Delta R.T.: -0.023 min
Response: 65102
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



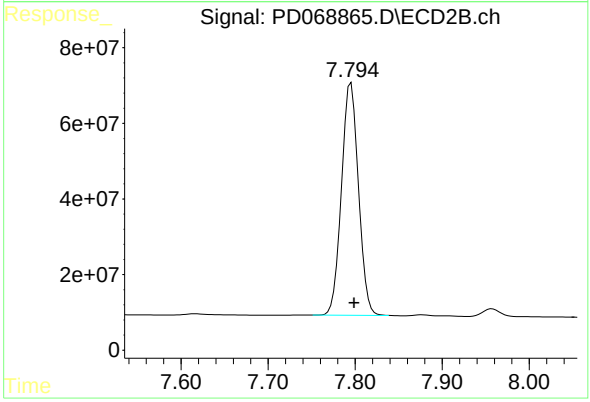
#19 Endosulfan Sulfate

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



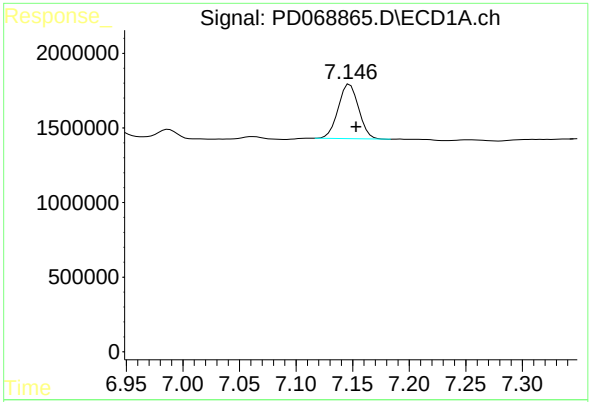
#20 Methoxychlor

R.T.: 6.917 min
Delta R.T.: -0.007 min
Response: 155185154
Conc: 223.92 ng/ml



#20 Methoxychlor

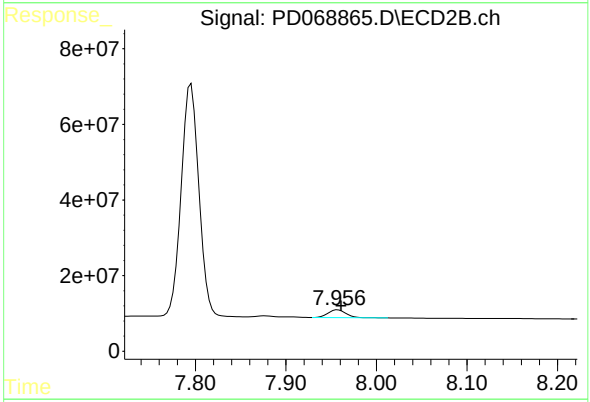
R.T.: 7.795 min
Delta R.T.: -0.004 min
Response: 833027302
Conc: 228.52 ng/ml



#21 Endrin ketone

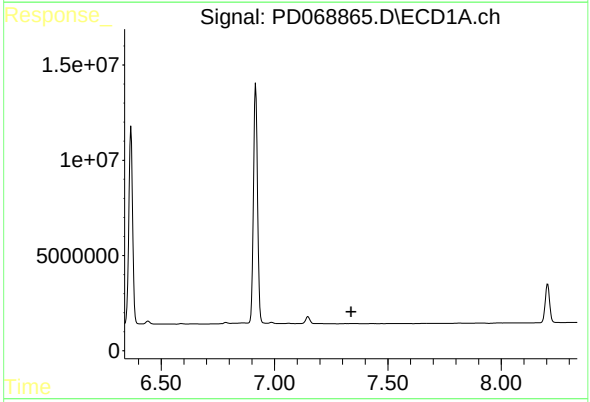
R.T.: 7.147 min
Delta R.T.: -0.006 min
Response: 4596934
Conc: 3.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



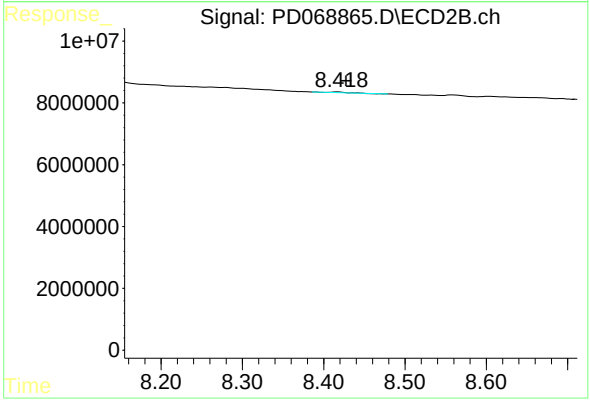
#21 Endrin ketone

R.T.: 7.957 min
Delta R.T.: -0.003 min
Response: 28648717
Conc: 3.70 ng/ml



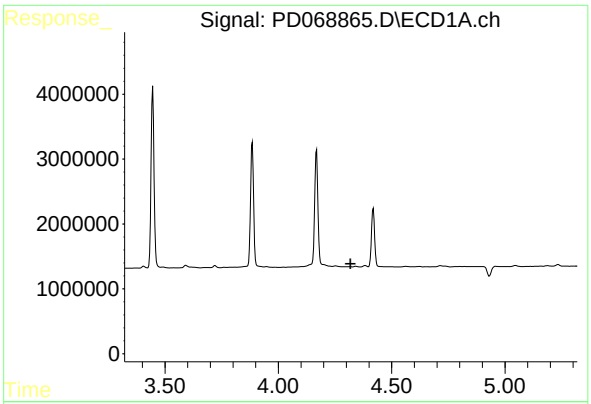
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.337 min
Response: 0
Conc: N.D.



#22 Mirex

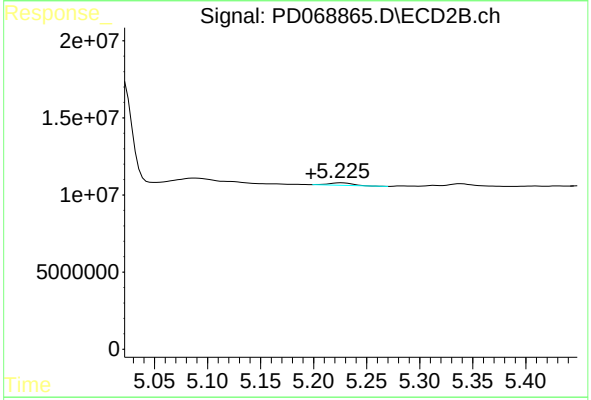
R.T.: 8.418 min
Delta R.T.: -0.009 min
Response: 130854
Conc: 0.02 ng/ml



#23 Chlordane-1

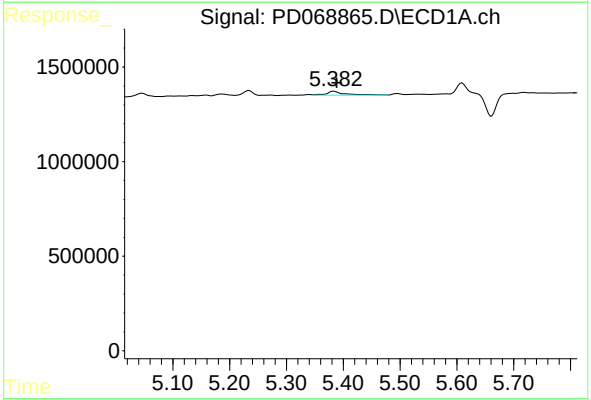
R.T.: 0.000 min
Exp R.T. : 4.319 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



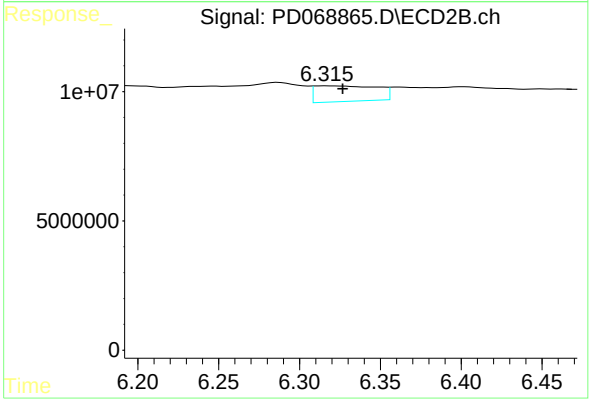
#23 Chlordane-1

R.T.: 5.226 min
Delta R.T.: 0.029 min
Response: 2442718
Conc: 6.19 ng/ml



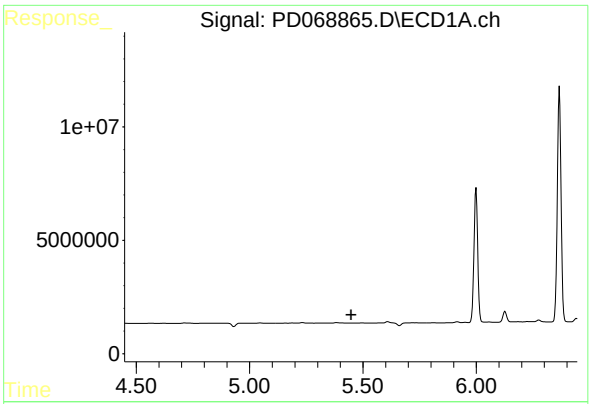
#25 Chlordane-3

R.T.: 5.383 min
Delta R.T.: -0.005 min
Response: 475501
Conc: 3.41 ng/ml



#25 Chlordane-3

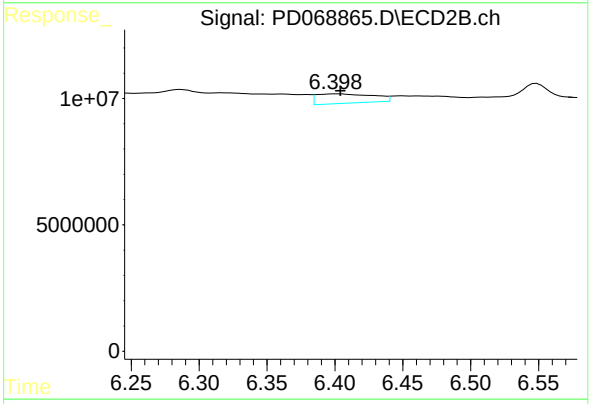
R.T.: 6.317 min
Delta R.T.: -0.010 min
Response: 16327449
Conc: 12.15 ng/ml



#26 Chlordane-4

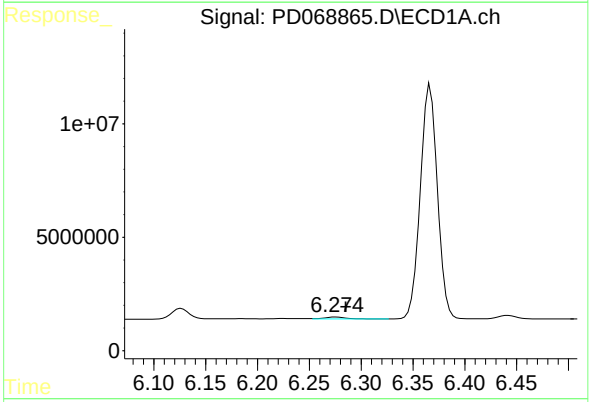
R.T.: 0.000 min
Exp R.T. : 5.447 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



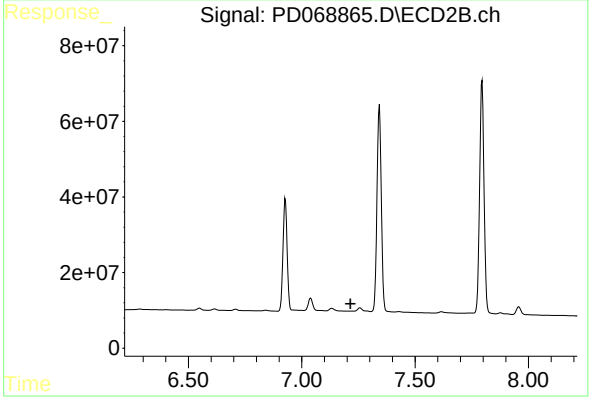
#26 Chlordane-4

R.T.: 6.401 min
Delta R.T.: -0.003 min
Response: 10838114
Conc: 6.97 ng/ml



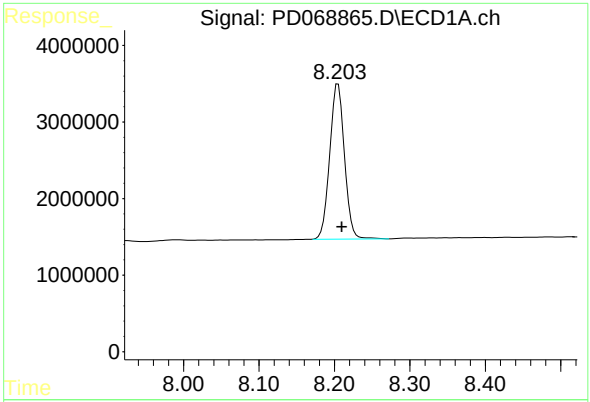
#27 Chlordane-5

R.T.: 6.276 min
Delta R.T.: -0.009 min
Response: 1167440
Conc: 23.37 ng/ml



#27 Chlordane-5

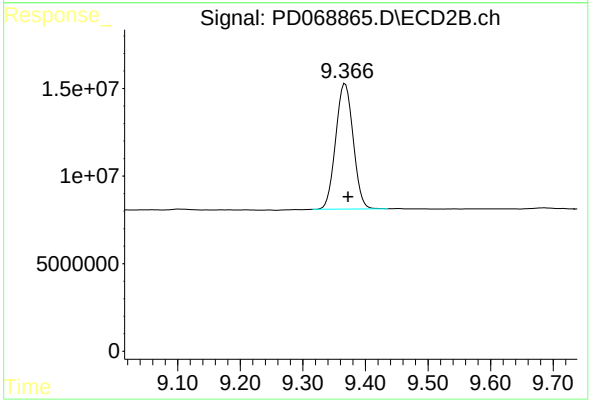
R.T.: 0.000 min
Exp R.T. : 7.215 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.205 min
Delta R.T.: -0.005 min
Response: 27545647
Conc: 21.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.368 min
Delta R.T.: -0.005 min
Response: 139617439
Conc: 24.64 ng/ml