Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121423\
Data File : PD080063.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2023 11:18
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: Dec 13 21:11:25 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
Quant Title : GC Extractables
QLast Update : Wed Dec 06 14:11:45 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1) SA	Tetrachlo...	3.569	2.800	30320556	50174282	20.117	19.959	
28) SA	Decachlor...	9.114	7.942	39519069	54703792	19.523	19.406	
	Target Compounds							
2) A	alpha-BHC	4.026	3.303	24537283	38684546	9.768	10.117	
3) MA	gamma-BHC...	4.359	3.633	23765588	37108421	10.031	10.211	
4) MA	Heptachlor	4.967f	0.000	372159	0	0.151	N.D.	#
5) MB	Aldrin	0.000	4.262	0	259550	N.D.	0.073	#
6) B	beta-BHC	4.553	3.928	11454134	18574036	11.445	12.032	
7) B	delta-BHC	4.786	0.000	790319	0	0.323	N.D.	#
8) B	Heptachlo...	5.714	0.000	709310	0	0.322	N.D.	#
9) A	Endosulfan I	6.135f	0.000	94499	0	0.046	N.D.	#
10) B	gamma-Chl...	5.993f	0.000	170507	0	0.078	N.D.	#
11) B	alpha-Chl...	6.073f	0.000	208924	0	0.097	N.D.	#
12) B	4,4'-DDE	6.229	5.264	199374	650368	0.099	0.216	#
13) MA	Dieldrin	6.399f	0.000	239431	0	0.110	N.D.	#
14) MA	Endrin	6.615	5.667	82259214	139.7E6	45.360	49.708	
15) B	Endosulfa...	6.843	5.978f	1147262	687265	0.602	0.252	#
16) A	4,4'-DDD	6.746	5.815	1463408	3385674	0.874	1.315	#
17) MA	4,4'-DDT	7.060	6.065	171.0E6	278.5E6	96.091	109.616	
18) B	Endrin al...	6.962	6.140	2704822	5726567	1.888	2.790	#
19) B	Endosulfa...	0.000	6.349	0	177152	N.D.	0.066	#
20) A	Methoxychlor	7.534	6.640	219.8E6	349.8E6	222.409	239.228	
21) B	Endrin ke...	7.682	6.866	6154555	10694668	2.972	3.422	
22)	Mirex	8.187f	0.000	162037	0	0.099	N.D.	#
24)	Chlordane-2	0.000	4.352f	0	159372	N.D.	1.394	#
25)	Chlordane-3	5.993f	0.000	170507	0	0.565	N.D.	#
26)	Chlordane-4	6.073	0.000	208924	0	0.577	N.D.	#
27)	Chlordane-5	0.000	5.978	0	687265	N.D.	6.049	#

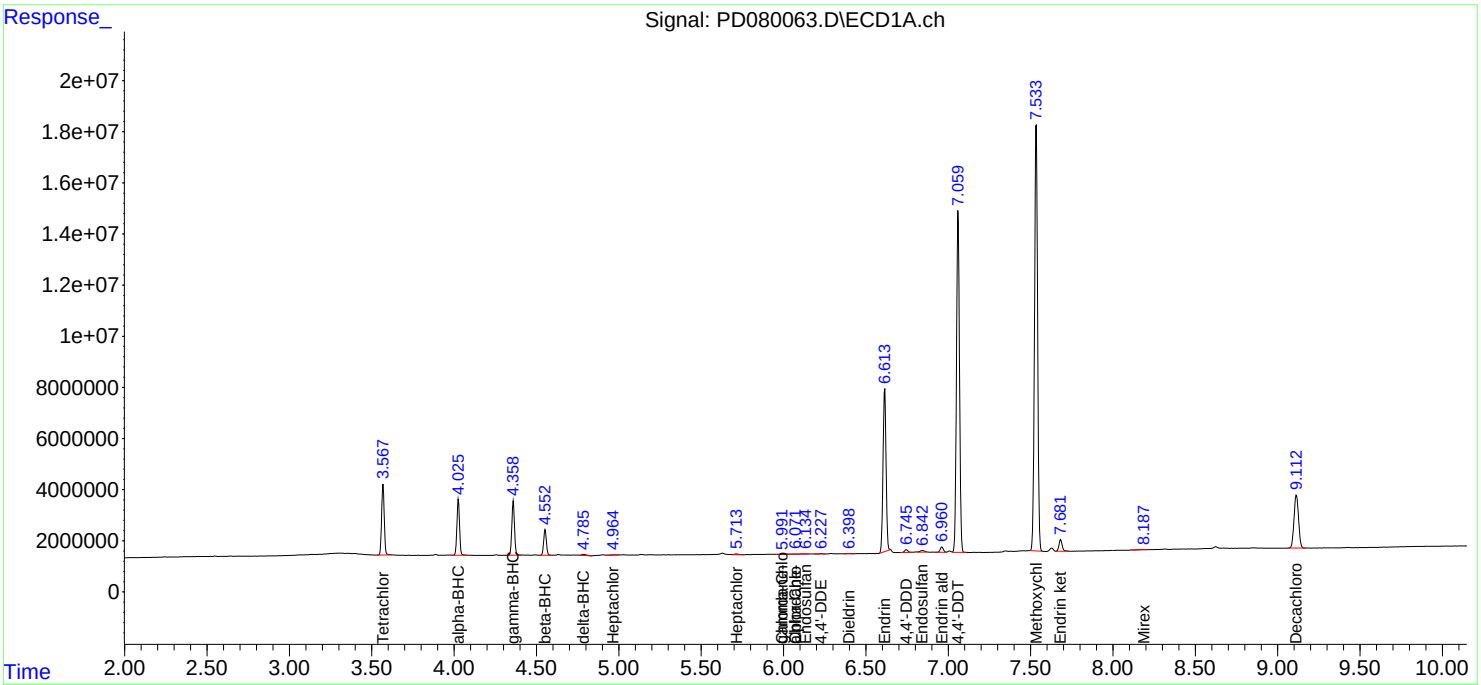
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

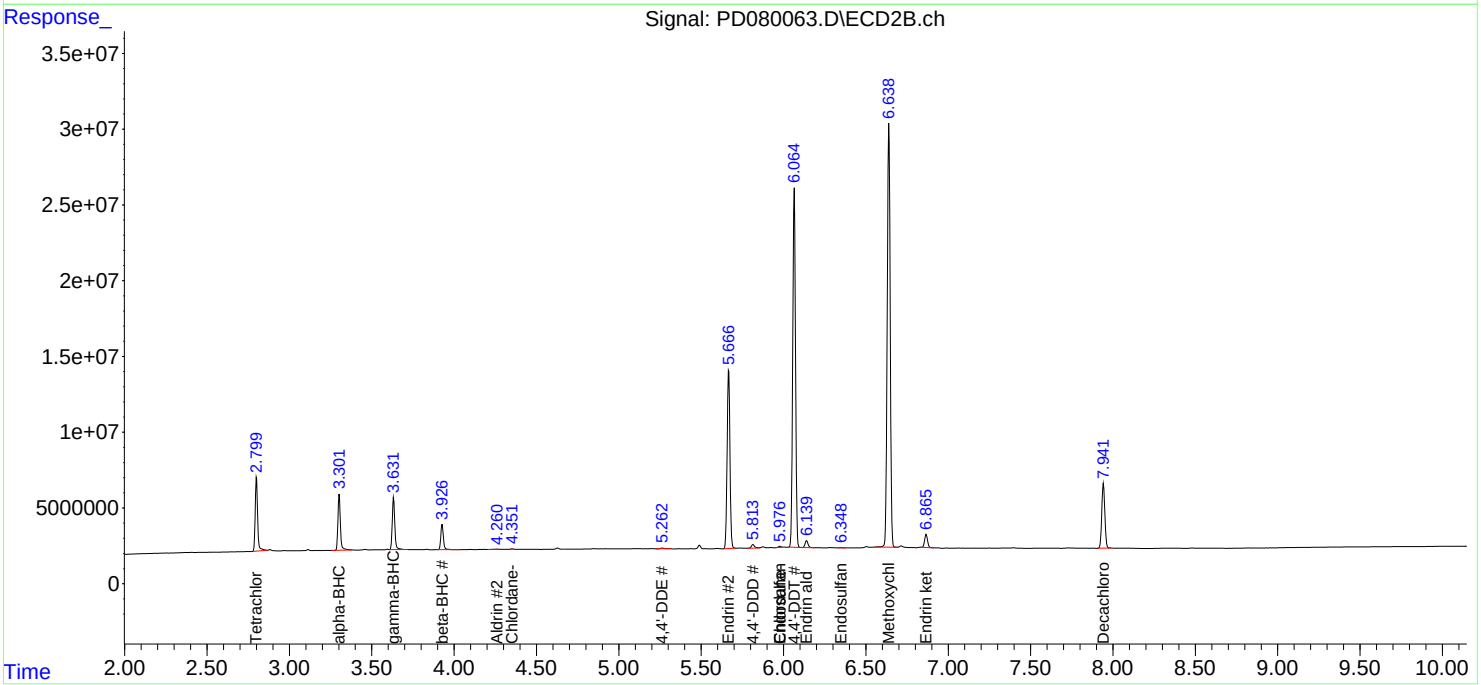
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121423\
Data File : PD080063.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2023 11:18
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

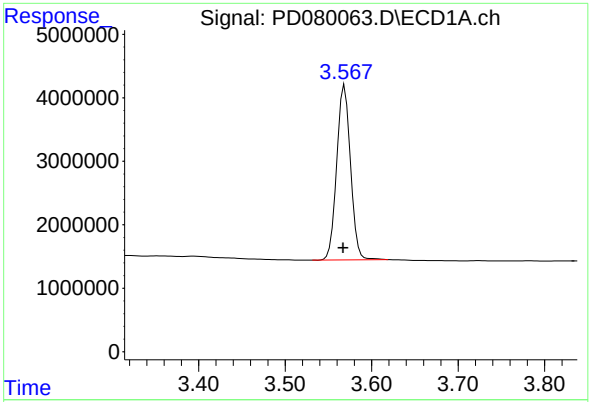
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 21:11:25 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
Quant Title : GC Extractables
QLast Update : Wed Dec 06 14:11:45 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



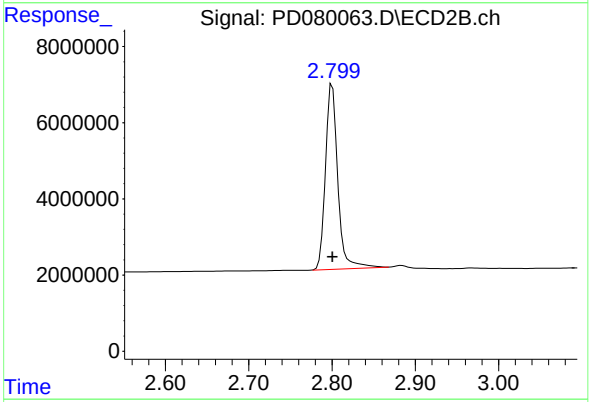




#1 Tetrachloro-m-xylene

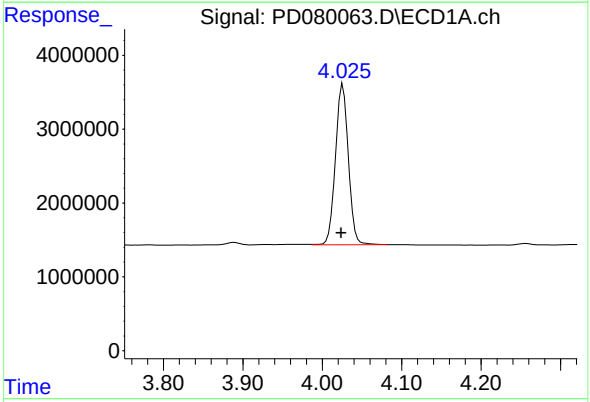
R.T.: 3.569 min
Delta R.T.: 0.002 min
Response: 30320556
Conc: 20.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



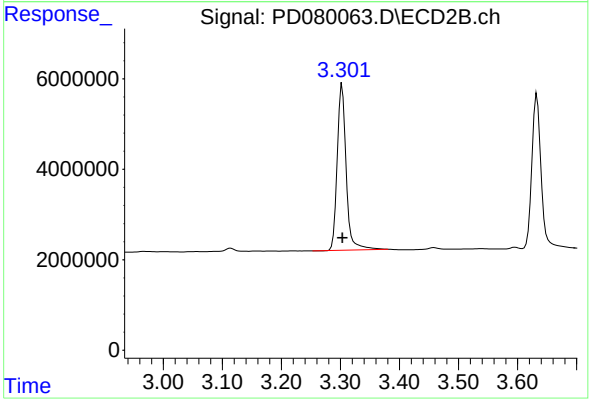
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: 0.000 min
Response: 50174282
Conc: 19.96 ng/ml



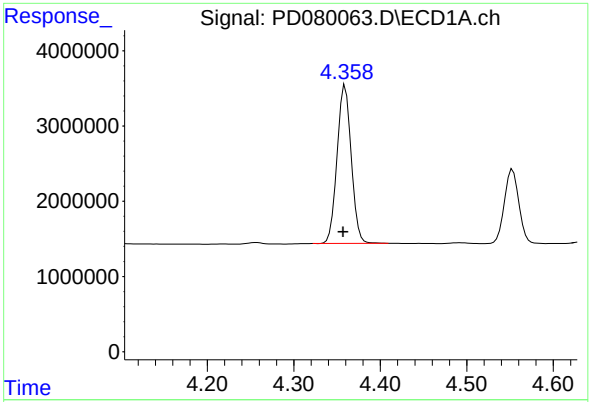
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.002 min
Response: 24537283
Conc: 9.77 ng/ml



#2 alpha-BHC

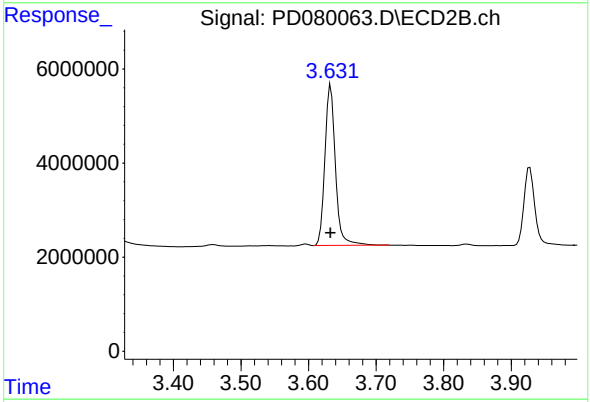
R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 38684546
Conc: 10.12 ng/ml



#3 gamma-BHC (Lindane)

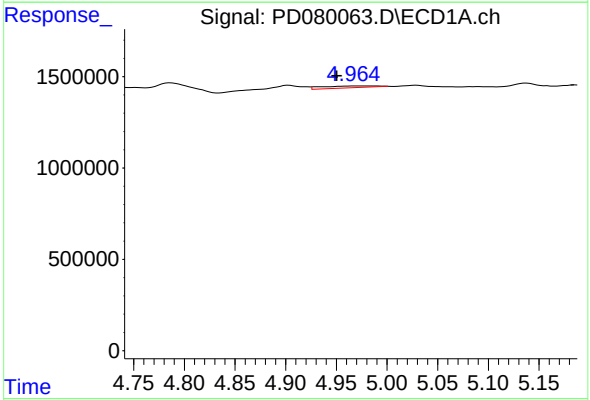
R.T.: 4.359 min
Delta R.T.: 0.002 min
Response: 23765588
Conc: 10.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



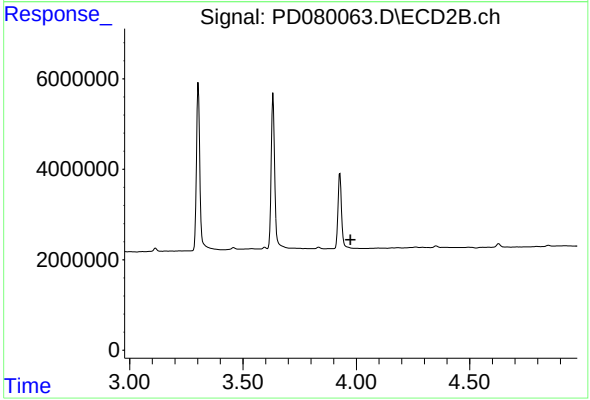
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 37108421
Conc: 10.21 ng/ml



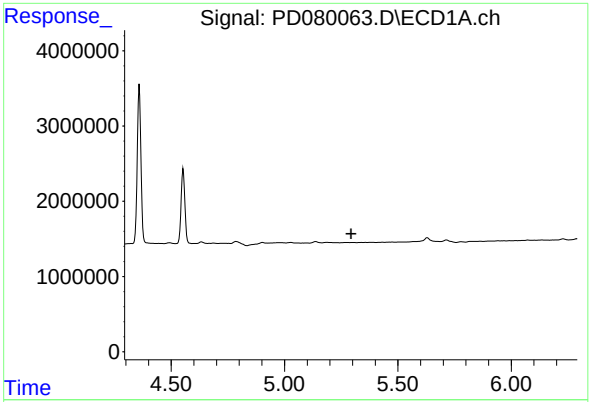
#4 Heptachlor

R.T.: 4.967 min
Delta R.T.: 0.017 min
Response: 372159
Conc: 0.15 ng/ml



#4 Heptachlor

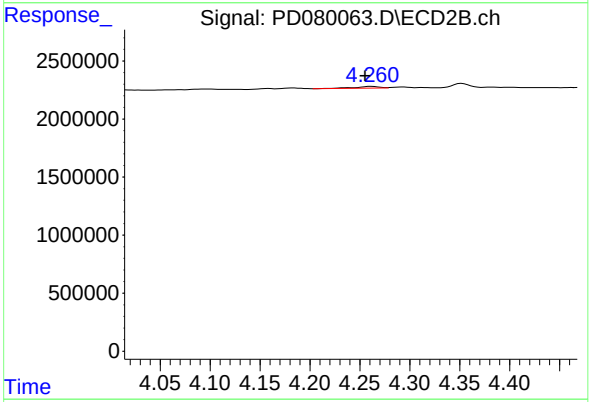
R.T.: 0.000 min
Exp R.T. : 3.975 min
Response: 0
Conc: N.D.



#5 Aldrin

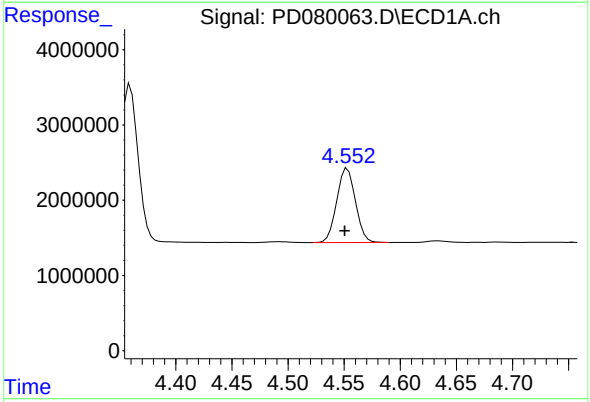
R.T.: 0.000 min
Exp R.T. : 5.294 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



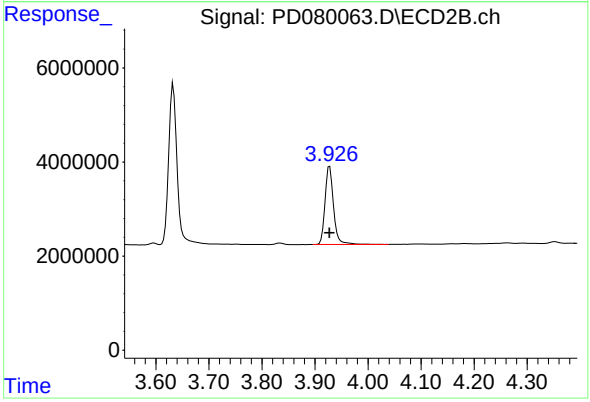
#5 Aldrin

R.T.: 4.262 min
Delta R.T.: 0.006 min
Response: 259550
Conc: 0.07 ng/ml



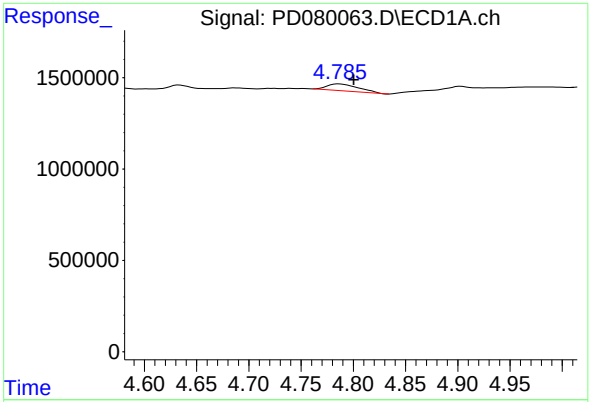
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.003 min
Response: 11454134
Conc: 11.45 ng/ml



#6 beta-BHC

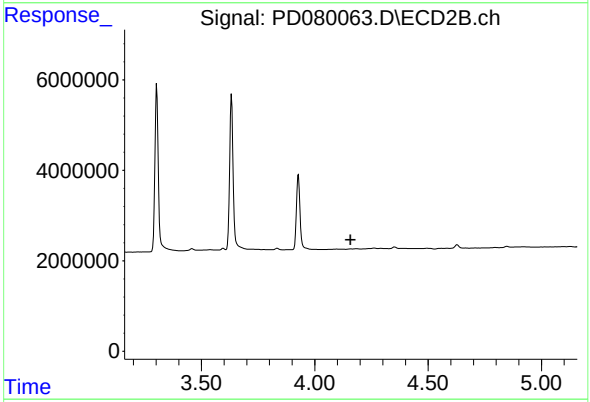
R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 18574036
Conc: 12.03 ng/ml



#7 delta-BHC

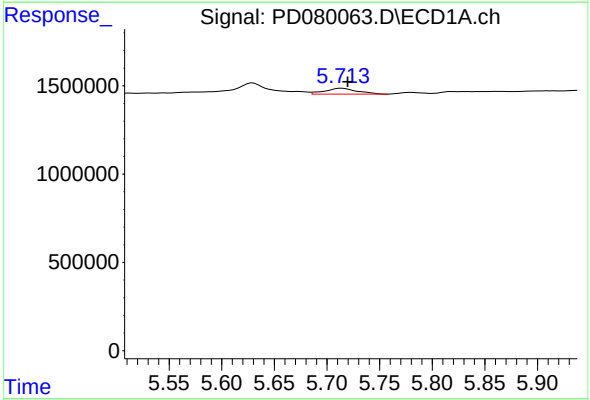
R.T.: 4.786 min
Delta R.T.: -0.014 min
Response: 790319
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



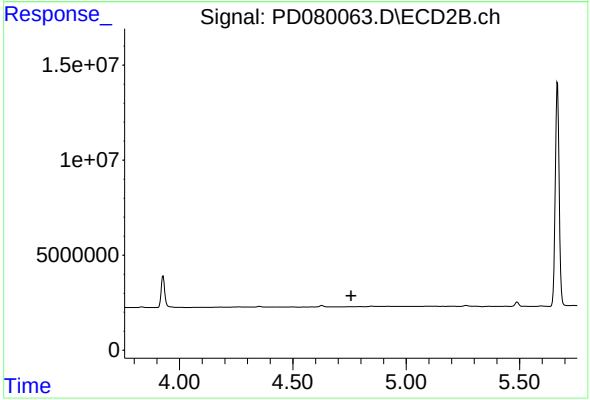
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.158 min
Response: 0
Conc: N.D.



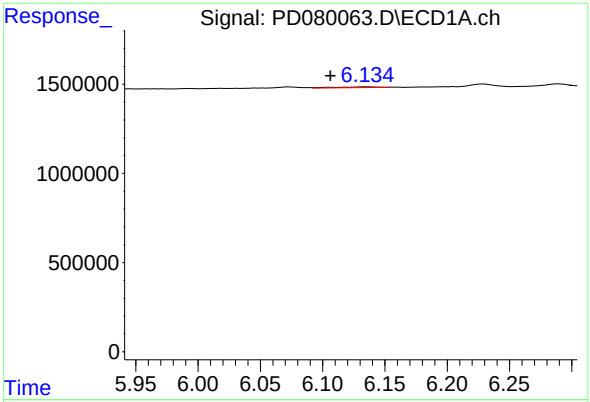
#8 Heptachlor epoxide

R.T.: 5.714 min
Delta R.T.: -0.006 min
Response: 709310
Conc: 0.32 ng/ml



#8 Heptachlor epoxide

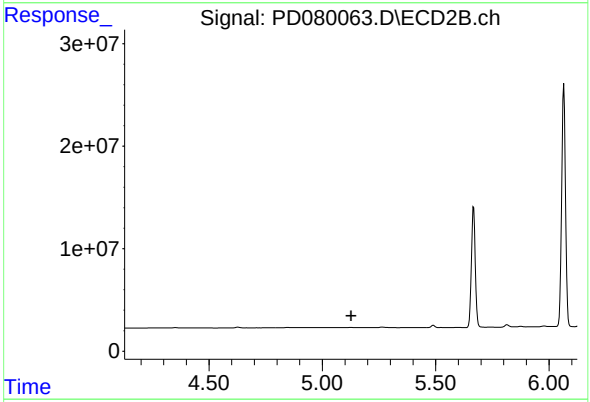
R.T.: 0.000 min
Exp R.T. : 4.756 min
Response: 0
Conc: N.D.



#9 Endosulfan I

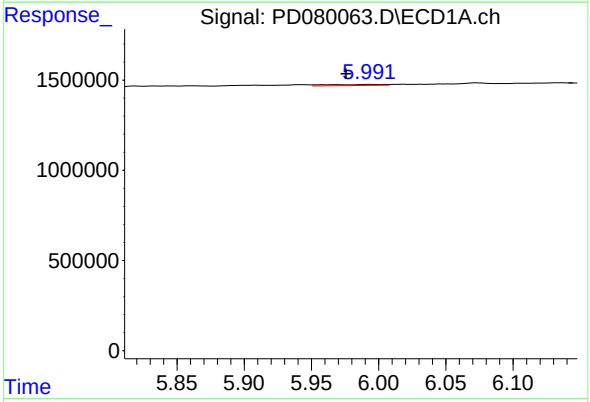
R.T.: 6.135 min
Delta R.T.: 0.029 min
Response: 94499
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



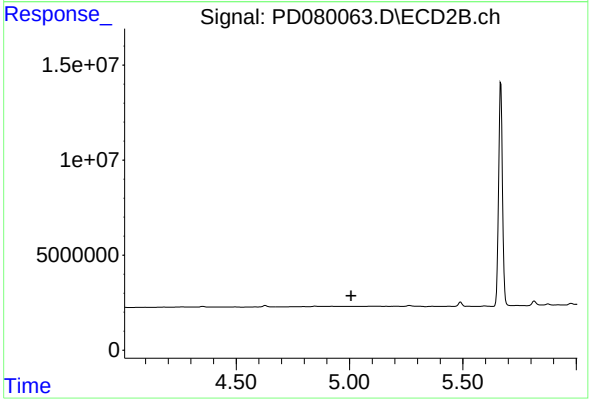
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.126 min
Response: 0
Conc: N.D.



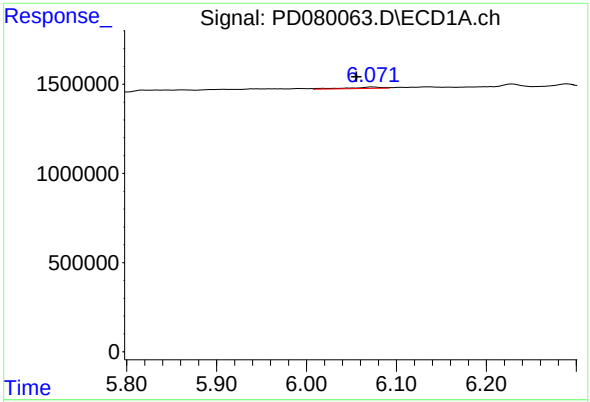
#10 gamma-Chlordane

R.T.: 5.993 min
Delta R.T.: 0.017 min
Response: 170507
Conc: 0.08 ng/ml



#10 gamma-Chlordane

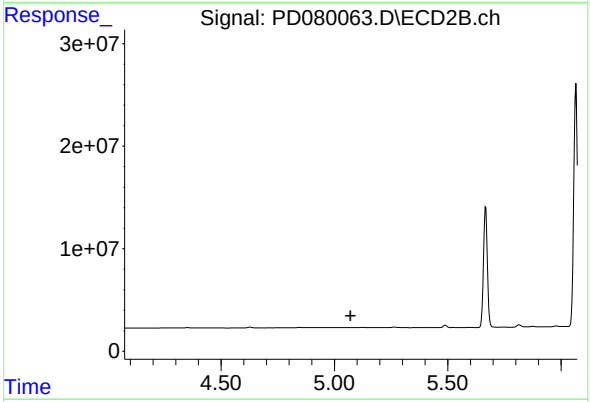
R.T.: 0.000 min
Exp R.T. : 5.007 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

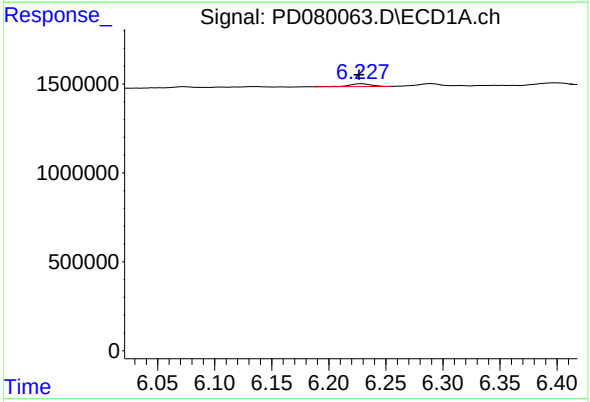
R.T.: 6.073 min
Delta R.T.: 0.018 min
Response: 208924
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



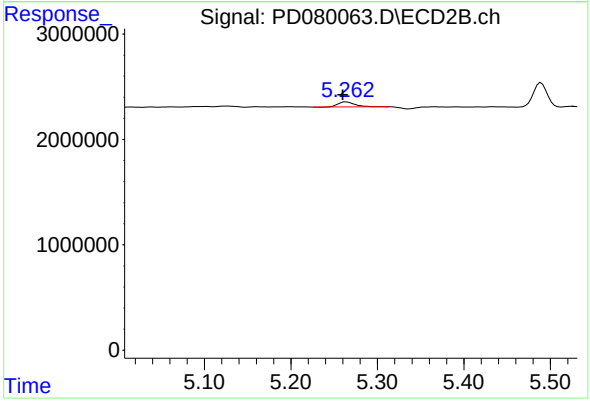
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.071 min
Response: 0
Conc: N.D.



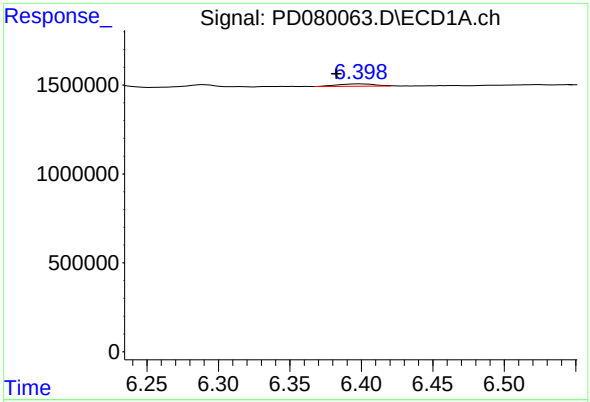
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.002 min
Response: 199374
Conc: 0.10 ng/ml



#12 4,4'-DDE

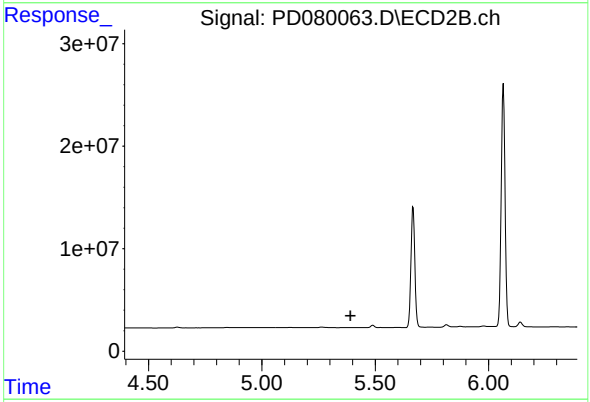
R.T.: 5.264 min
Delta R.T.: 0.004 min
Response: 650368
Conc: 0.22 ng/ml



#13 Dieldrin

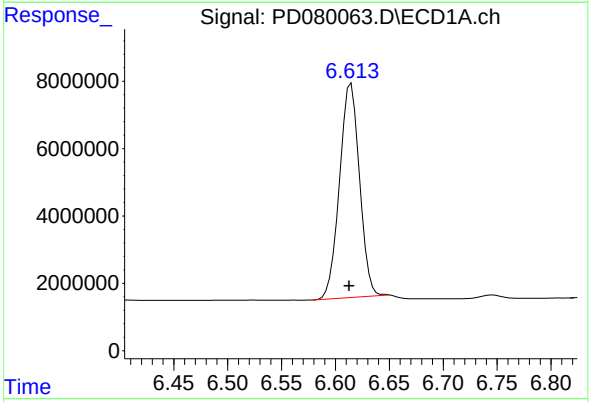
R.T.: 6.399 min
Delta R.T.: 0.017 min
Response: 239431
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



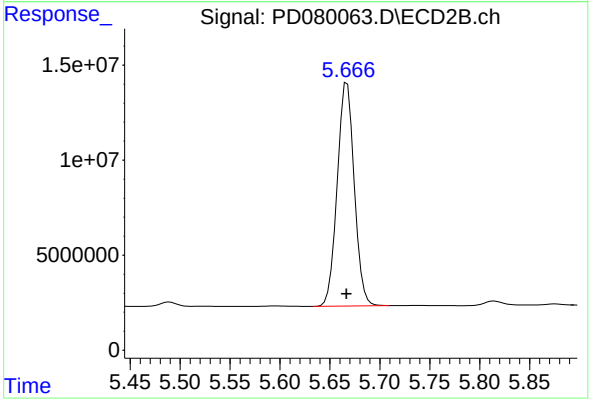
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.392 min
Response: 0
Conc: N.D.



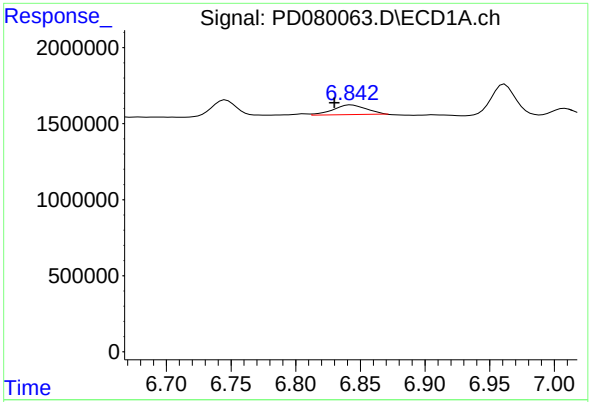
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.002 min
Response: 82259214
Conc: 45.36 ng/ml



#14 Endrin

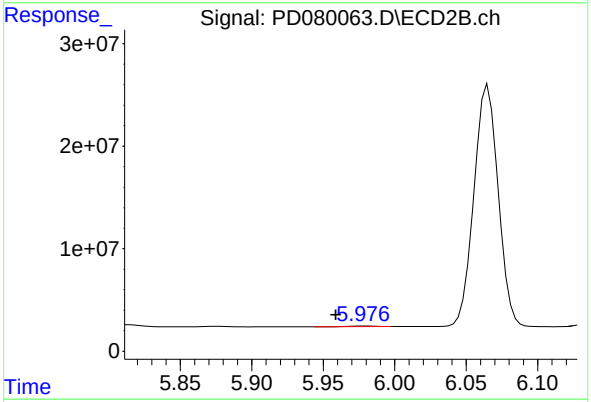
R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 139683918
Conc: 49.71 ng/ml



#15 Endosulfan II

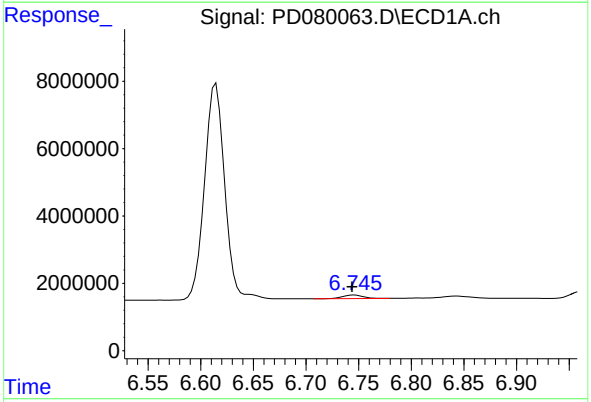
R.T.: 6.843 min
Delta R.T.: 0.013 min
Response: 1147262
Conc: 0.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



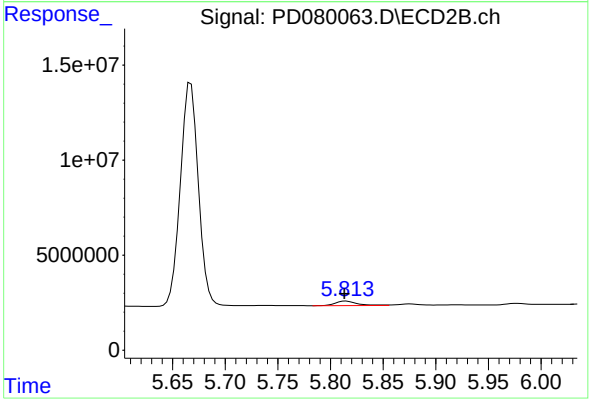
#15 Endosulfan II

R.T.: 5.978 min
Delta R.T.: 0.019 min
Response: 687265
Conc: 0.25 ng/ml



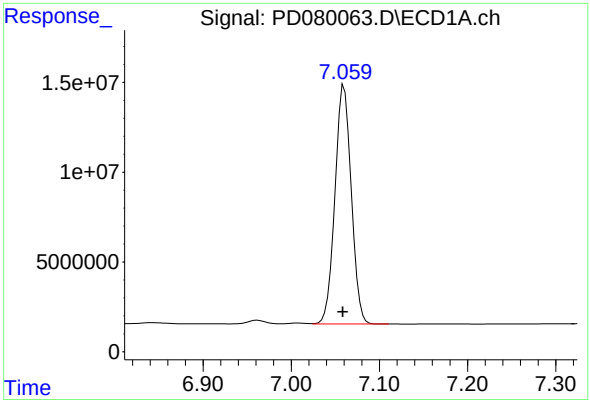
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.002 min
Response: 1463408
Conc: 0.87 ng/ml



#16 4,4'-DDD

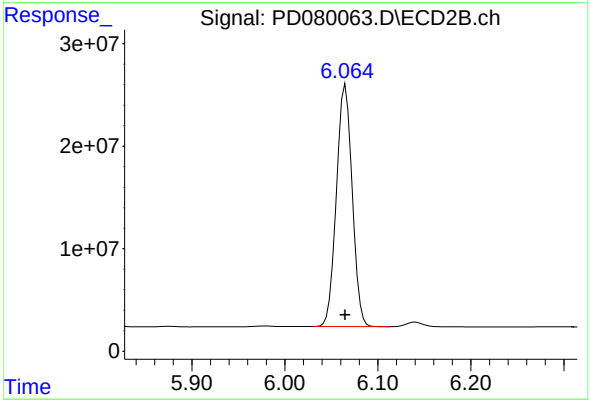
R.T.: 5.815 min
Delta R.T.: 0.002 min
Response: 3385674
Conc: 1.31 ng/ml



#17 4,4'-DDT

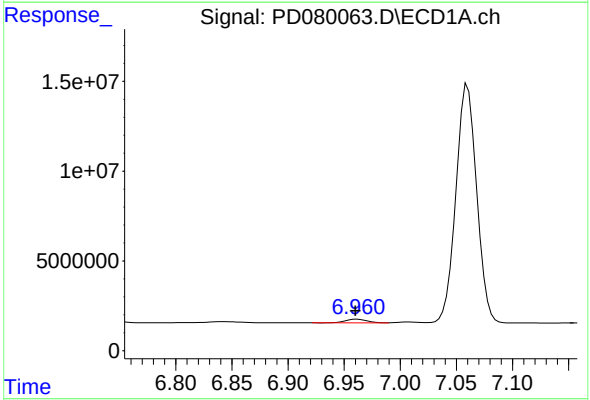
R.T.: 7.060 min
Delta R.T.: 0.001 min
Response: 170958372
Conc: 96.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



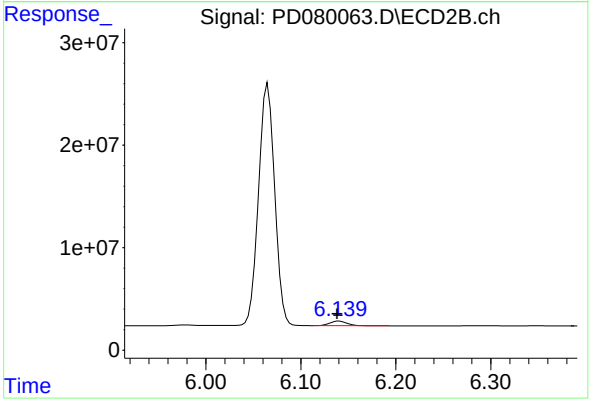
#17 4,4'-DDT

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 278487933
Conc: 109.62 ng/ml



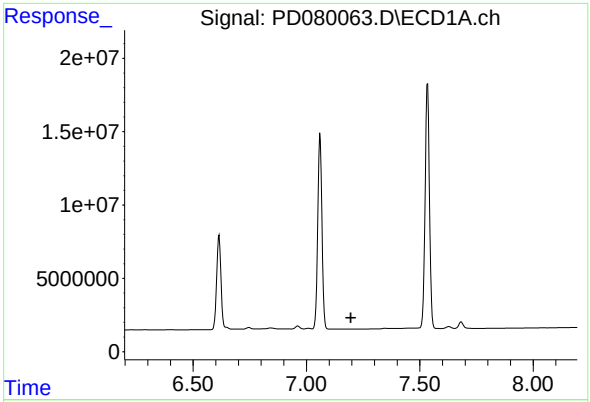
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.002 min
Response: 2704822
Conc: 1.89 ng/ml



#18 Endrin aldehyde

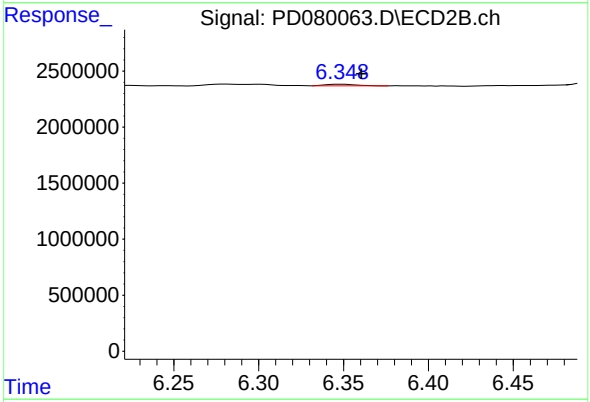
R.T.: 6.140 min
Delta R.T.: 0.002 min
Response: 5726567
Conc: 2.79 ng/ml



#19 Endosulfan Sulfate

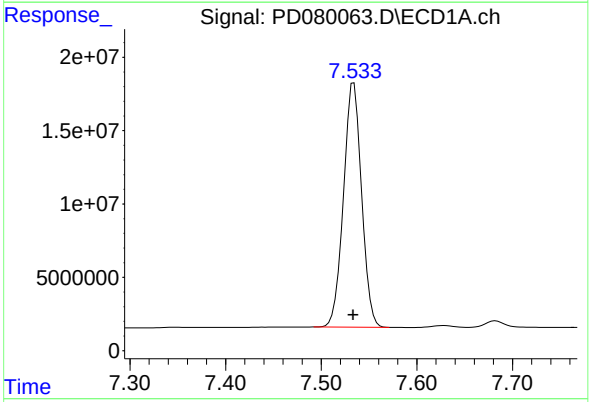
R.T.: 0.000 min
Exp R.T. : 7.195 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



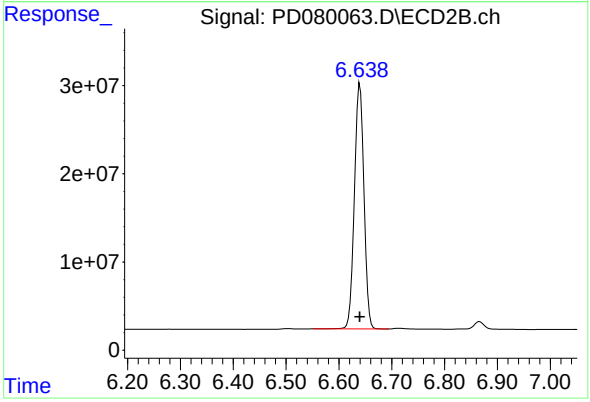
#19 Endosulfan Sulfate

R.T.: 6.349 min
Delta R.T.: -0.012 min
Response: 177152
Conc: 0.07 ng/ml



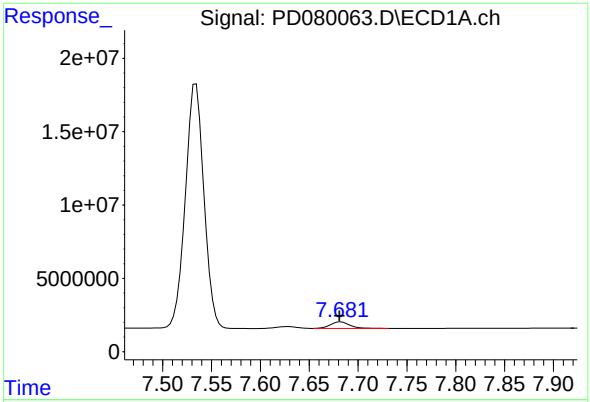
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.001 min
Response: 219828082
Conc: 222.41 ng/ml



#20 Methoxychlor

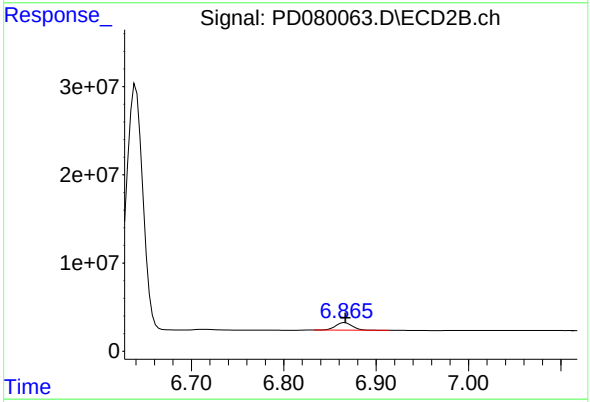
R.T.: 6.640 min
Delta R.T.: 0.000 min
Response: 349827924
Conc: 239.23 ng/ml



#21 Endrin ketone

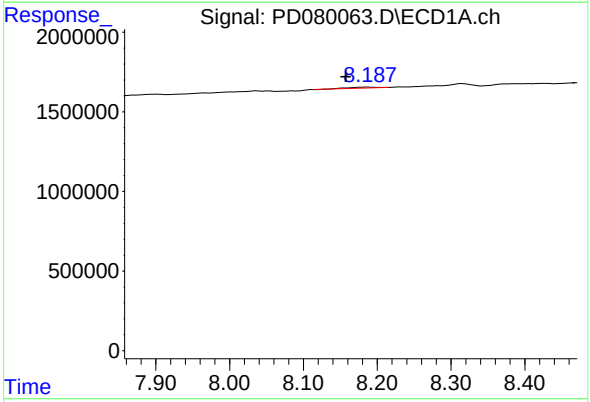
R.T.: 7.682 min
Delta R.T.: 0.001 min
Response: 6154555
Conc: 2.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



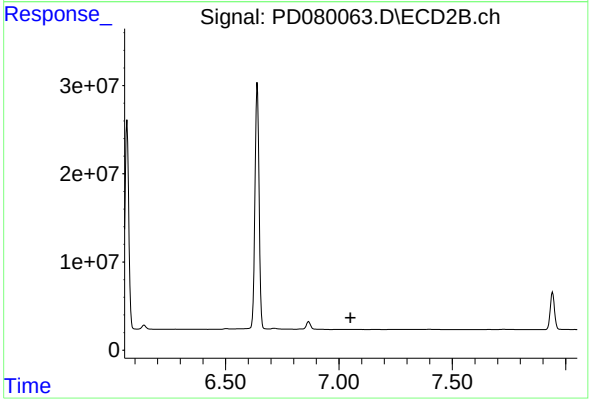
#21 Endrin ketone

R.T.: 6.866 min
Delta R.T.: 0.000 min
Response: 10694668
Conc: 3.42 ng/ml



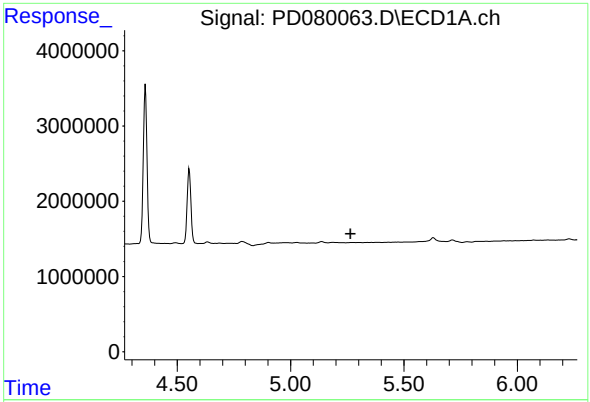
#22 Mirex

R.T.: 8.187 min
Delta R.T.: 0.030 min
Response: 162037
Conc: 0.10 ng/ml



#22 Mirex

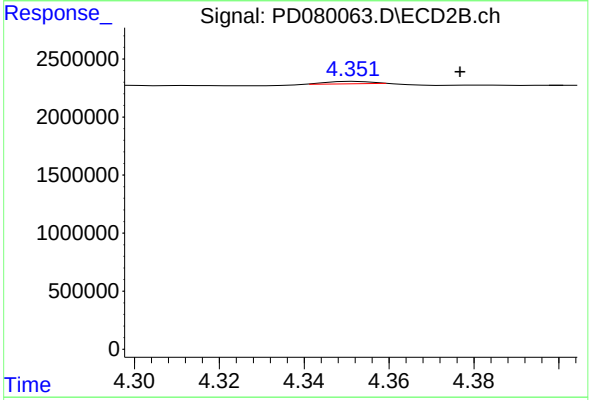
R.T.: 0.000 min
Exp R.T. : 7.051 min
Response: 0
Conc: N.D.



#24 Chlordane-2

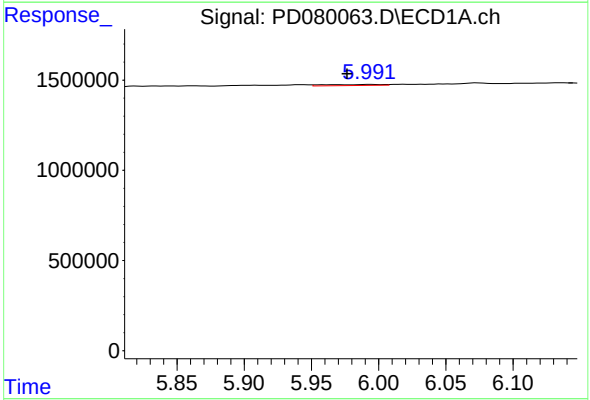
R.T.: 0.000 min
Exp R.T. : 5.265 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



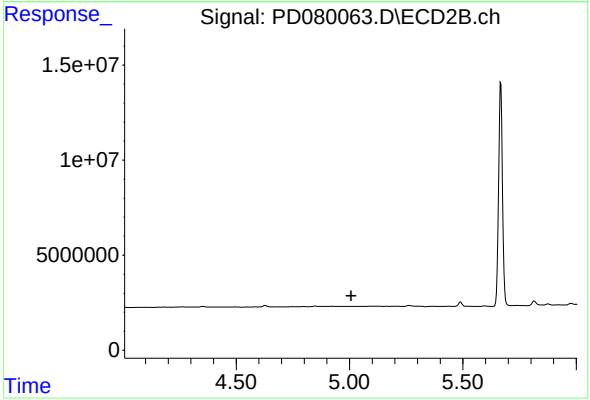
#24 Chlordane-2

R.T.: 4.352 min
Delta R.T.: -0.025 min
Response: 159372
Conc: 1.39 ng/ml



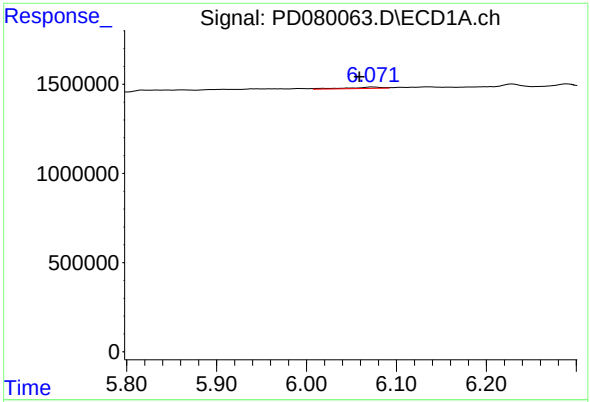
#25 Chlordane-3

R.T.: 5.993 min
Delta R.T.: 0.016 min
Response: 170507
Conc: 0.56 ng/ml



#25 Chlordane-3

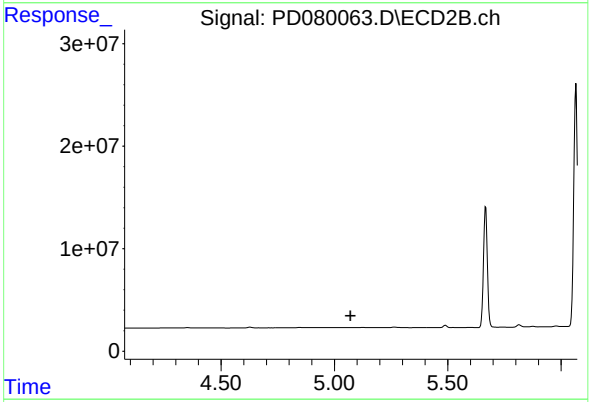
R.T.: 0.000 min
Exp R.T. : 5.007 min
Response: 0
Conc: N.D.



#26 Chlordane-4

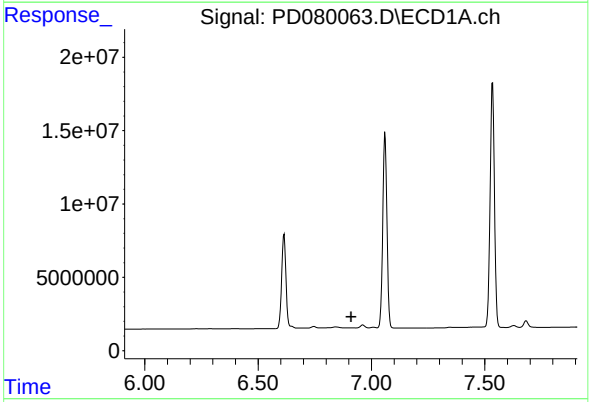
R.T.: 6.073 min
Delta R.T.: 0.014 min
Response: 208924
Conc: 0.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



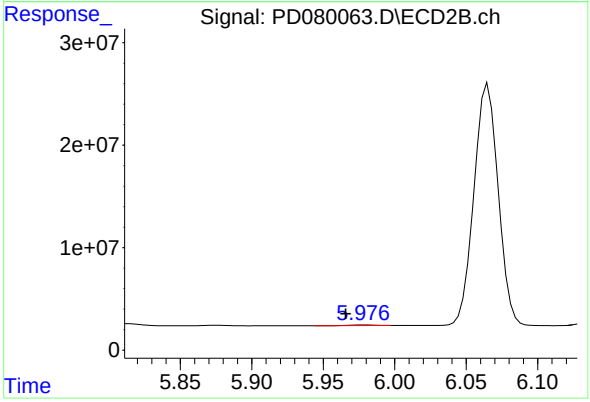
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.071 min
Response: 0
Conc: N.D.



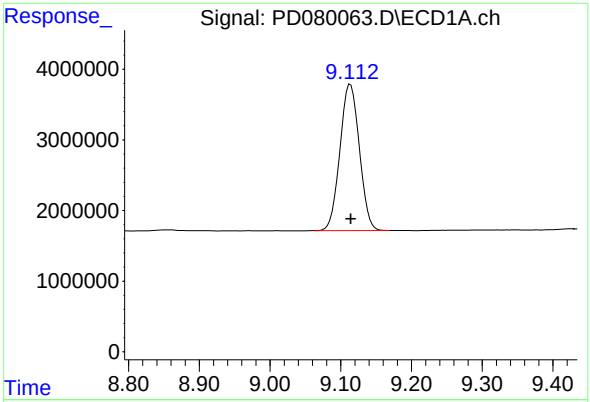
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.910 min
Response: 0
Conc: N.D.



#27 Chlordane-5

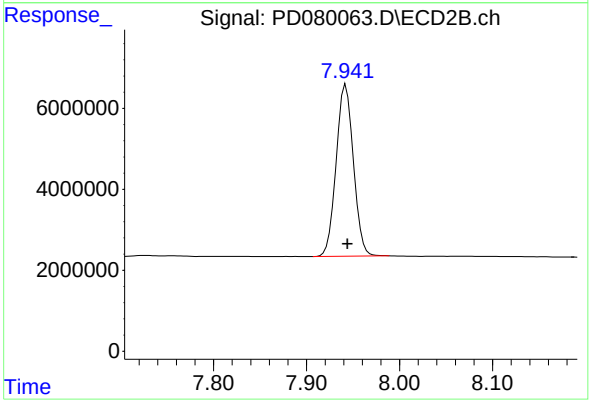
R.T.: 5.978 min
Delta R.T.: 0.012 min
Response: 687265
Conc: 6.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 39519069
Conc: 19.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.942 min
Delta R.T.: -0.002 min
Response: 54703792
Conc: 19.41 ng/ml