

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD033121\
 Data File : PD061933.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2021 14:59
 Operator : AR\AJ
 Sample : M1828-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 09:36:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032921.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 30 04:47:56 2021
 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...	3.485	3.981	19462326	51310427	23.244	5.905 #
28)	SA Decachlor...	8.257	9.040	13520358	104.8E6	10.988	11.098
Target Compounds							
2)	A alpha-BHC	0.000	4.391f	0	9830133	N.D.	0.731 #
3)	MA gamma-BHC...	0.000	4.658	0	61825664	N.D.	4.956 #
4)	MA Heptachlor	0.000	5.135f	0	10141561	N.D.	0.778 #
5)	MB Aldrin	4.749	5.461	4657313	12156949	3.881	0.977 #
7)	B delta-BHC	0.000	5.040	0	15738538	N.D.	1.190 #
8)	B Heptachlo...	0.000	5.865	0	67490449	N.D.	5.700 #
9)	A Endosulfan I	0.000	6.206	0	40470026	N.D.	3.733 #
11)	B alpha-Chl...	0.000	6.133f	0	58114251	N.D.	5.098 #
12)	B 4,4'-DDE	0.000	6.307	0	49928167	N.D.	4.333 #
15)	B Endosulfa...	0.000	6.882	0	11922743	N.D.	1.256 #
16)	A 4,4'-DDD	0.000	6.801	0	3992334	N.D.	0.422 #
17)	MA 4,4'-DDT	0.000	7.102	0	20336740	N.D.	2.129 #
18)	B Endrin al...	0.000	7.010	0	31582540	N.D.	4.016 #
19)	B Endosulfa...	0.000	7.263f	0	3546032	N.D.	0.354 #
20)	A Methoxychlor	0.000	7.564	0	1459945	N.D.	0.324 #
21)	B Endrin ke...	0.000	7.729f	0	10874136	N.D.	1.072 #
22)	Mirex	0.000	8.159	0	2059310	N.D.	0.320 #
23)	Chlordane-1	4.358	4.988	7072732	27693706	222.585	71.385 #
24)	Chlordane-2	4.834f	5.461f	3840963	12156949	98.458	31.682 #
26)	Chlordane-4	0.000	6.133f	0	58114251	N.D.	30.284 #
27)	Chlordane-5	0.000	6.950	0	6841132	N.D.	18.982 #

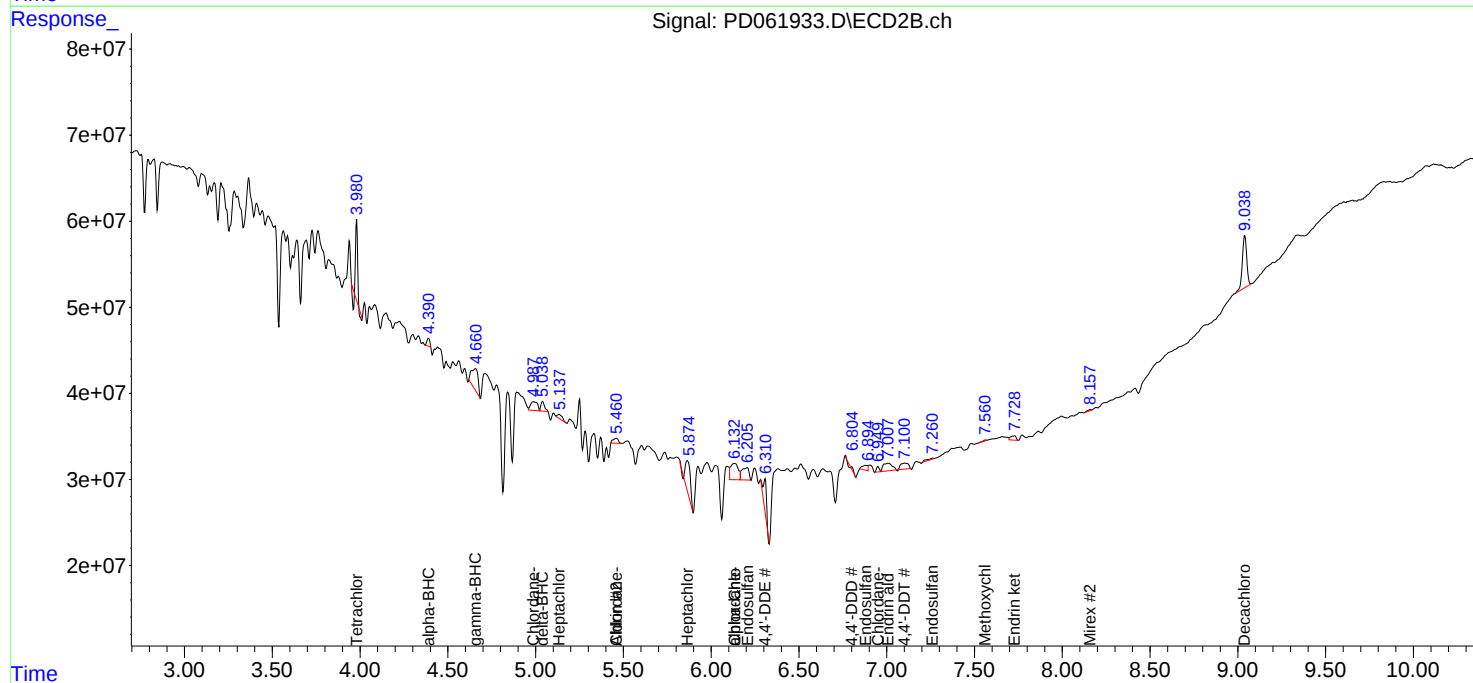
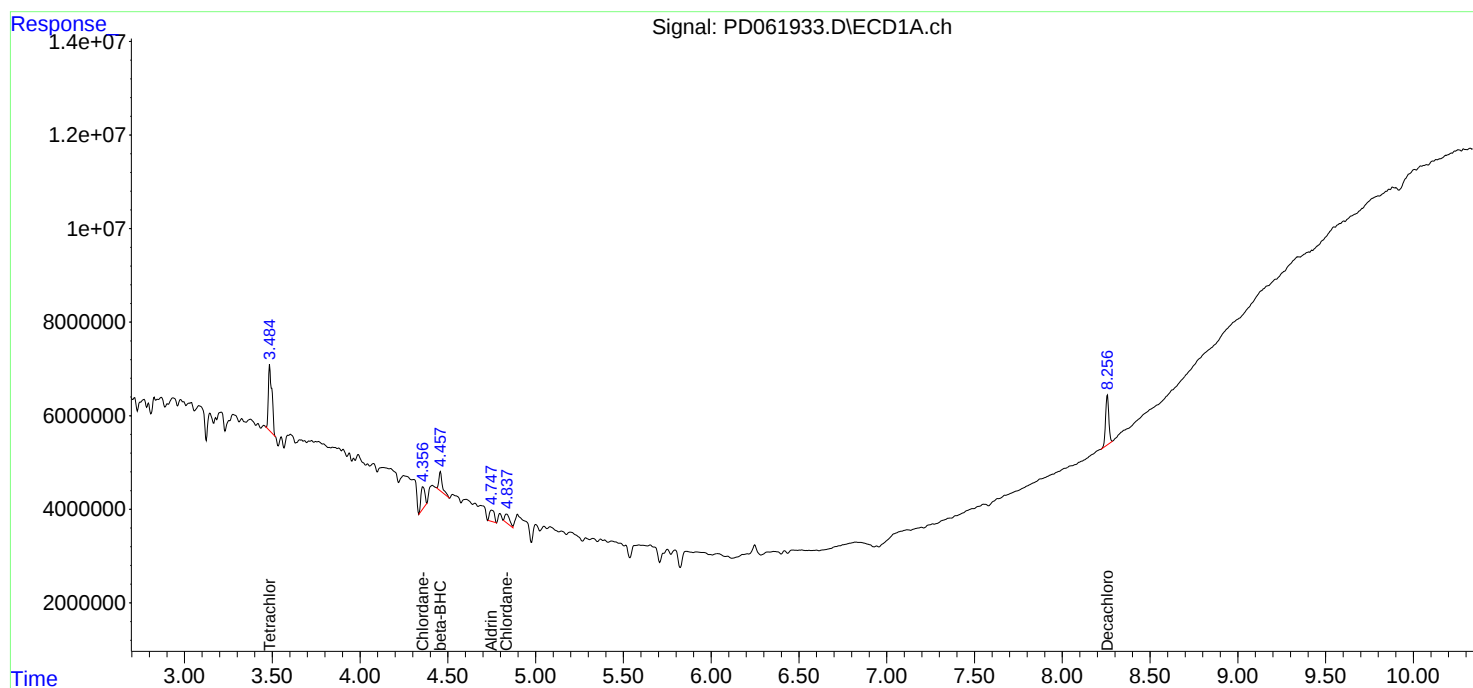
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

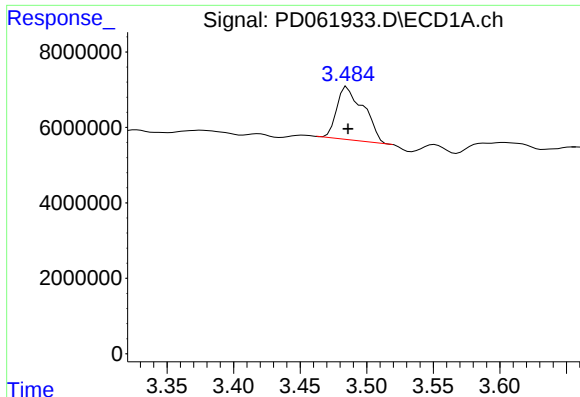
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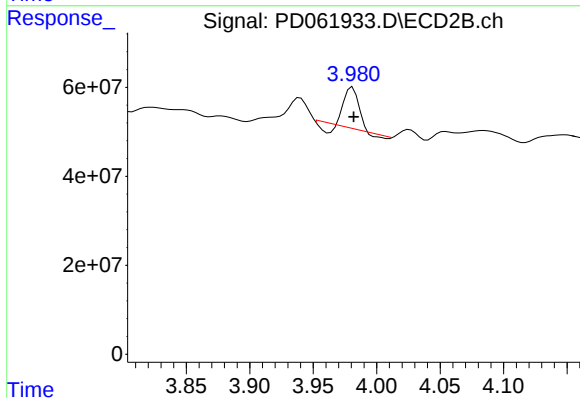




#1 Tetrachloro-m-xylene

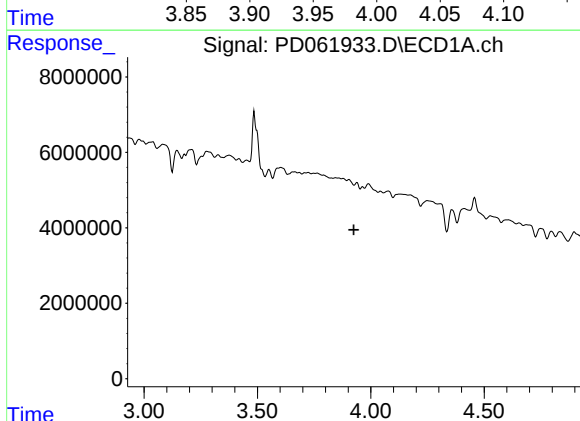
R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 19462326
Conc: 23.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



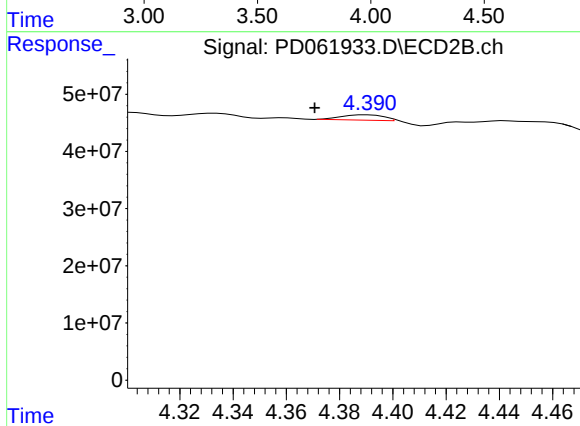
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: -0.001 min
Response: 51310427
Conc: 5.91 ng/ml



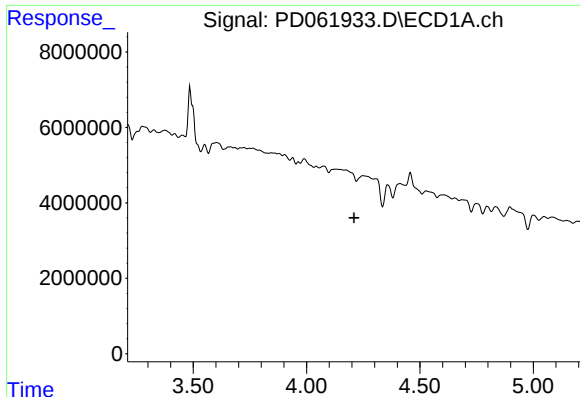
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.925 min
Response: 0
Conc: N.D.



#2 alpha-BHC

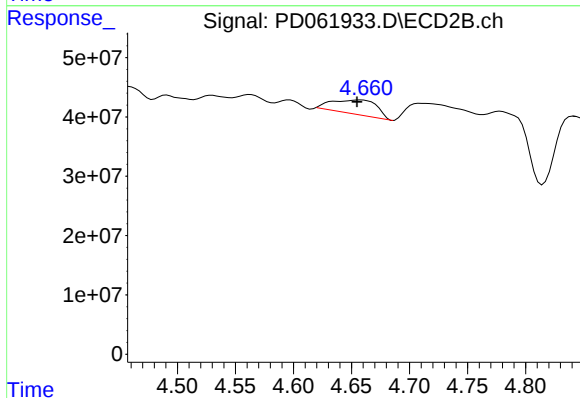
R.T.: 4.391 min
Delta R.T.: 0.020 min
Response: 9830133
Conc: 0.73 ng/ml



#3 gamma-BHC (Lindane)

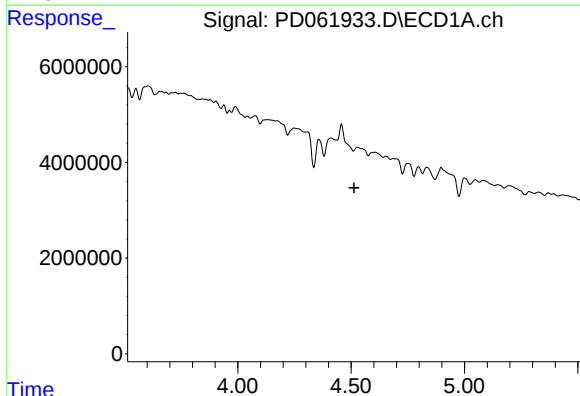
R.T.: 0.000 min
Exp R.T. : 4.210 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



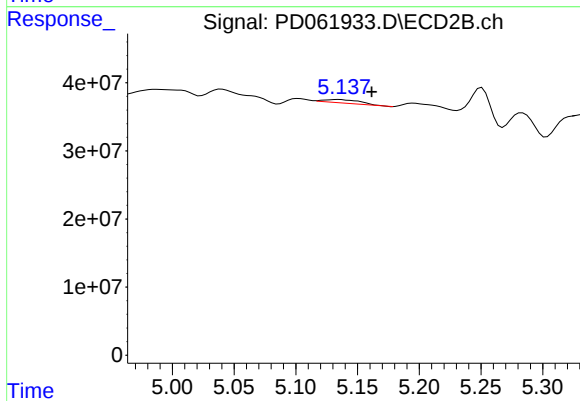
#3 gamma-BHC (Lindane)

R.T.: 4.658 min
Delta R.T.: 0.003 min
Response: 61825664
Conc: 4.96 ng/ml



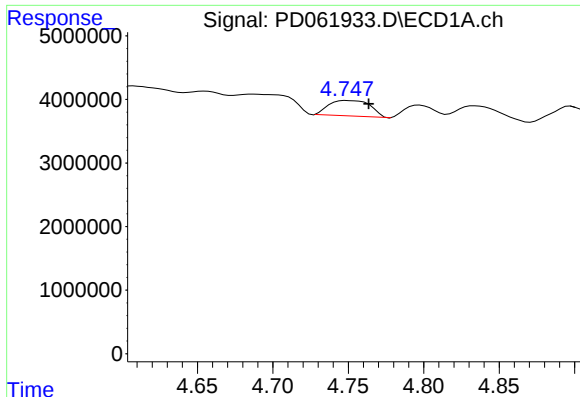
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.513 min
Response: 0
Conc: N.D.



#4 Heptachlor

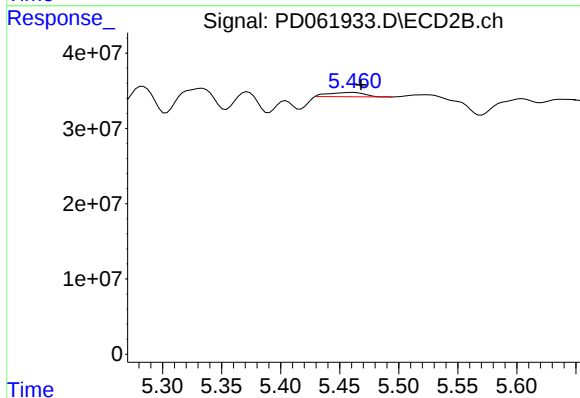
R.T.: 5.135 min
Delta R.T.: -0.027 min
Response: 10141561
Conc: 0.78 ng/ml



#5 Aldrin

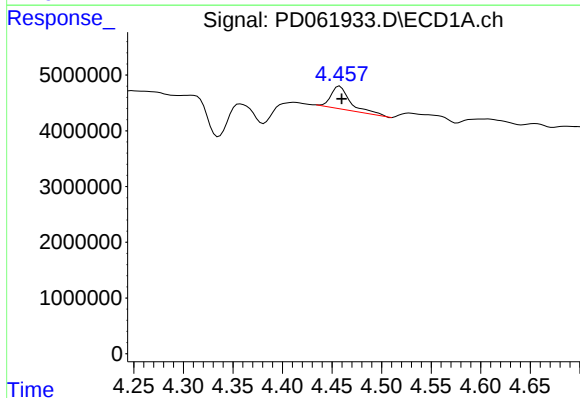
R.T.: 4.749 min
Delta R.T.: -0.015 min
Response: 4657313
Conc: 3.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



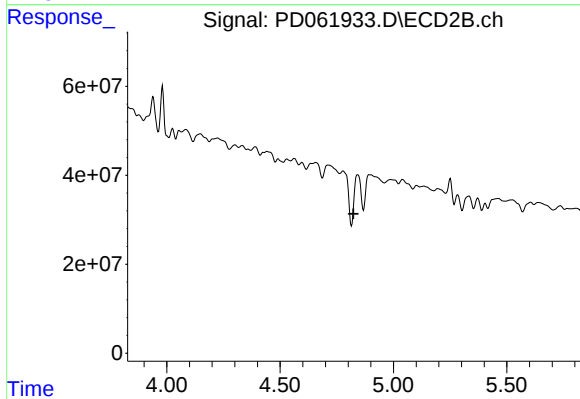
#5 Aldrin

R.T.: 5.461 min
Delta R.T.: -0.007 min
Response: 12156949
Conc: 0.98 ng/ml



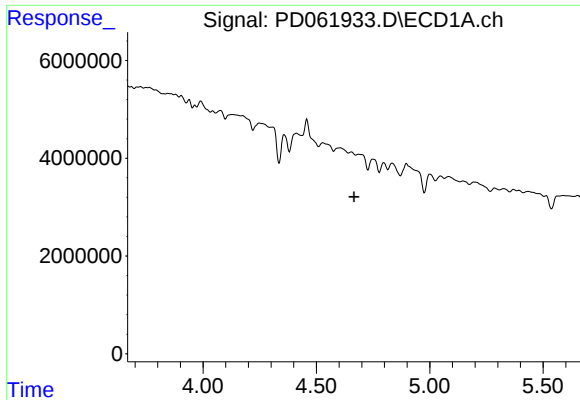
#6 beta-BHC

R.T.: 4.458 min
Delta R.T.: -0.002 min
Response: 5617881
Conc: 10.30 ng/ml



#6 beta-BHC

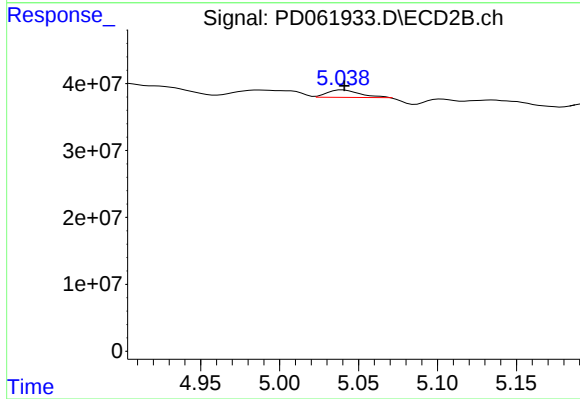
R.T.: 4.842 min
Delta R.T.: 0.018 min
Response: -71803051
Conc: N.D.



#7 delta-BHC

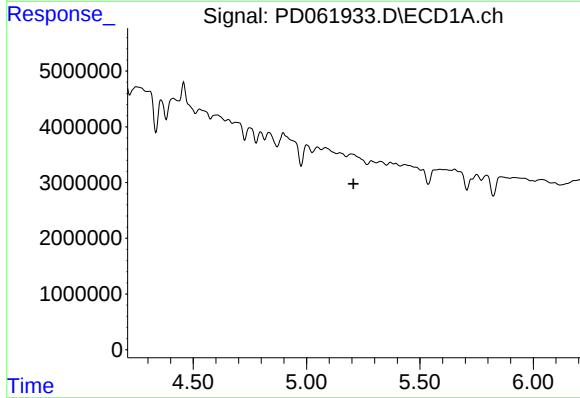
R.T.: 0.000 min
Exp R.T. : 4.666 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



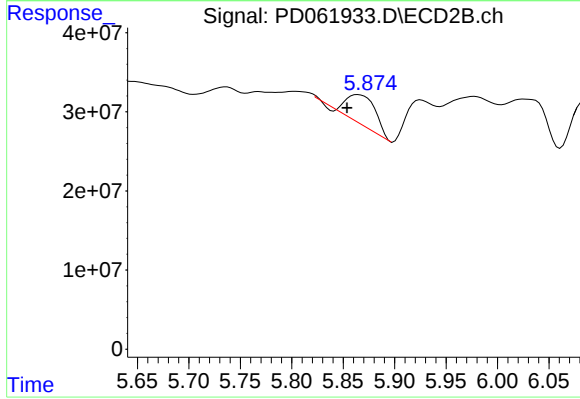
#7 delta-BHC

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 15738538
Conc: 1.19 ng/ml



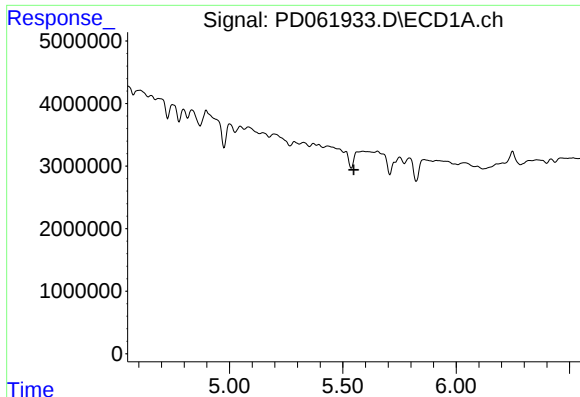
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.207 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

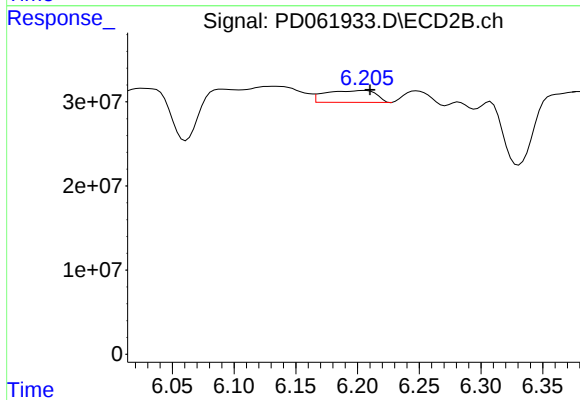
R.T.: 5.865 min
Delta R.T.: 0.011 min
Response: 67490449
Conc: 5.70 ng/ml



#9 Endosulfan I

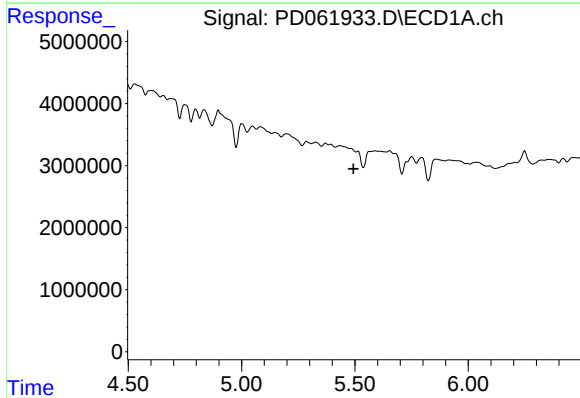
R.T.: 0.000 min
Exp R.T.: 5.548 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



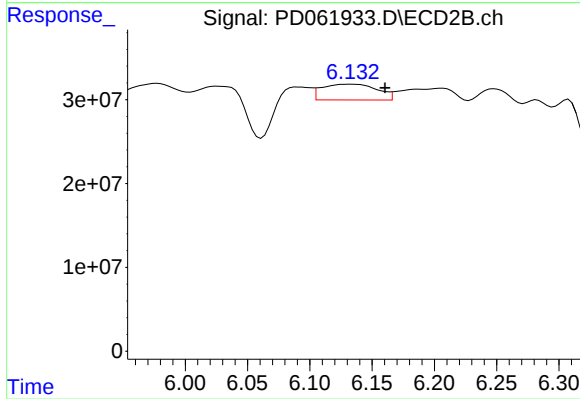
#9 Endosulfan I

R.T.: 6.206 min
Delta R.T.: -0.004 min
Response: 40470026
Conc: 3.73 ng/ml



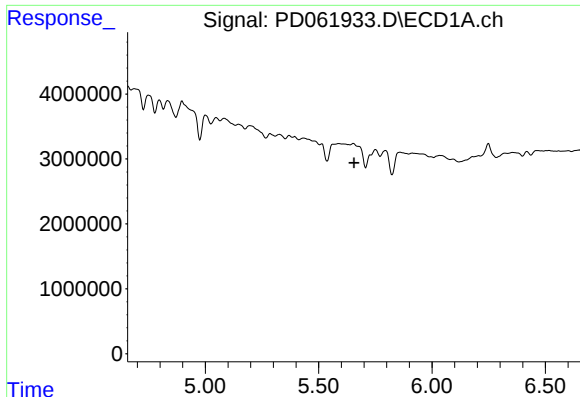
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.494 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

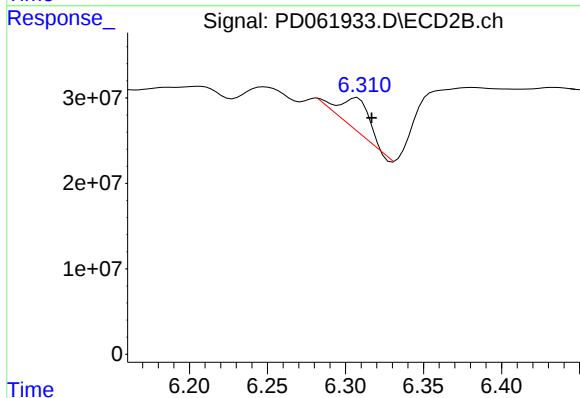
R.T.: 6.133 min
Delta R.T.: -0.027 min
Response: 58114251
Conc: 5.10 ng/ml



#12 4,4'-DDE

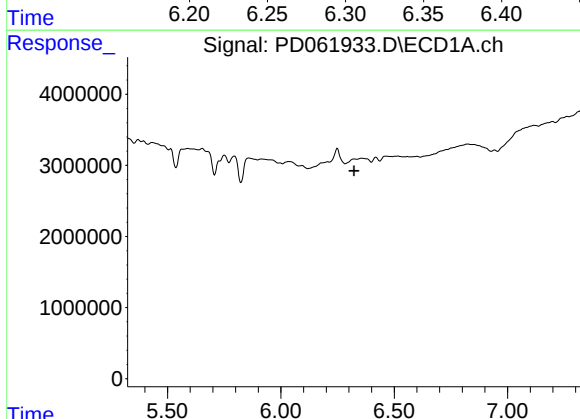
R.T.: 0.000 min
Exp R.T.: 5.657 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



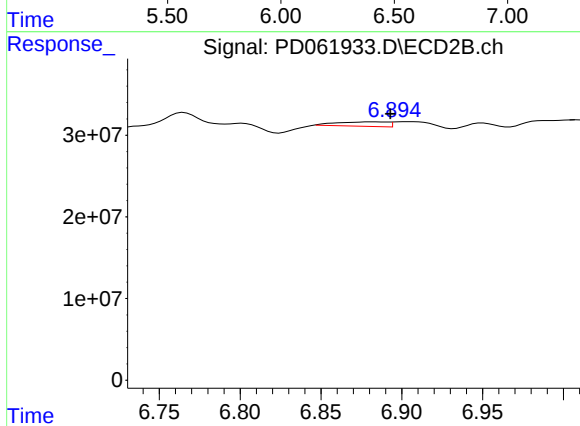
#12 4,4'-DDE

R.T.: 6.307 min
Delta R.T.: -0.010 min
Response: 49928167
Conc: 4.33 ng/ml



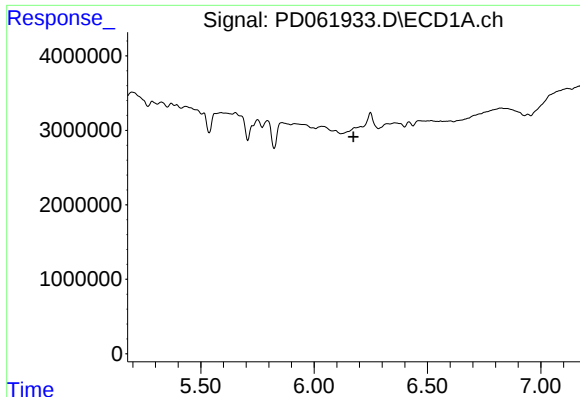
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T.: 6.323 min
Response: 0
Conc: N.D.



#15 Endosulfan II

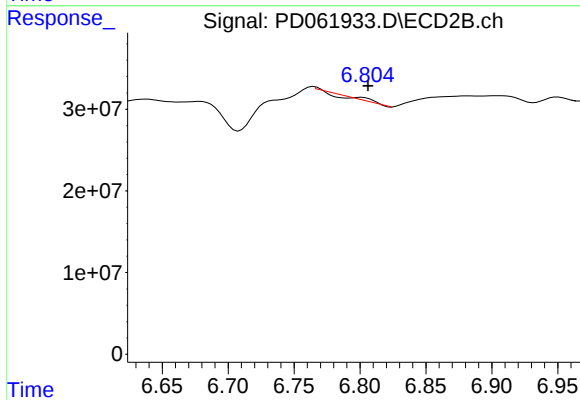
R.T.: 6.882 min
Delta R.T.: -0.011 min
Response: 11922743
Conc: 1.26 ng/ml



#16 4,4'-DDD

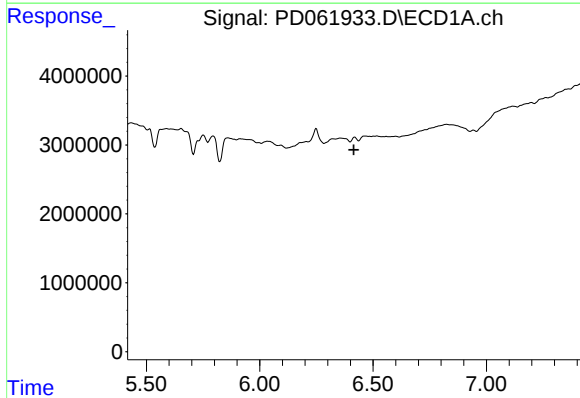
R.T.: 0.000 min
Exp R.T.: 6.174 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



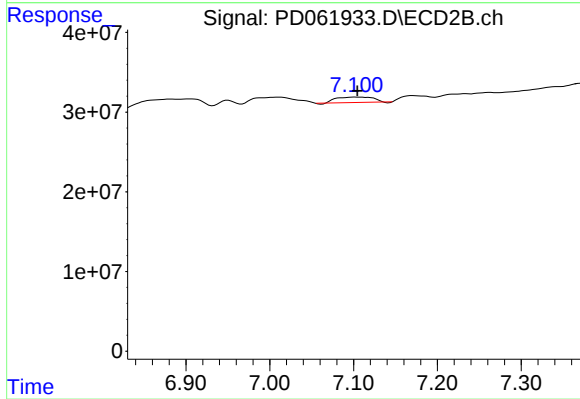
#16 4,4'-DDD

R.T.: 6.801 min
Delta R.T.: -0.005 min
Response: 3992334
Conc: 0.42 ng/ml



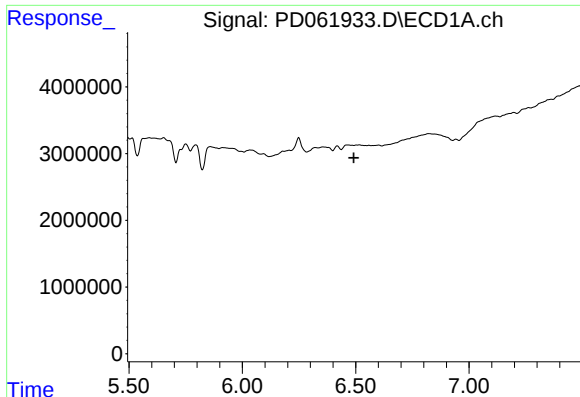
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 6.416 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

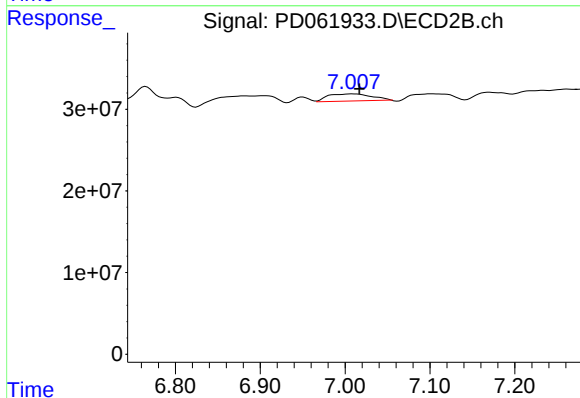
R.T.: 7.102 min
Delta R.T.: -0.002 min
Response: 20336740
Conc: 2.13 ng/ml



#18 Endrin aldehyde

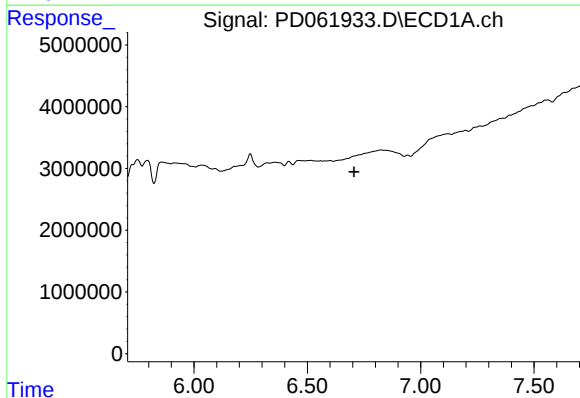
R.T.: 0.000 min
Exp R.T.: 6.492 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



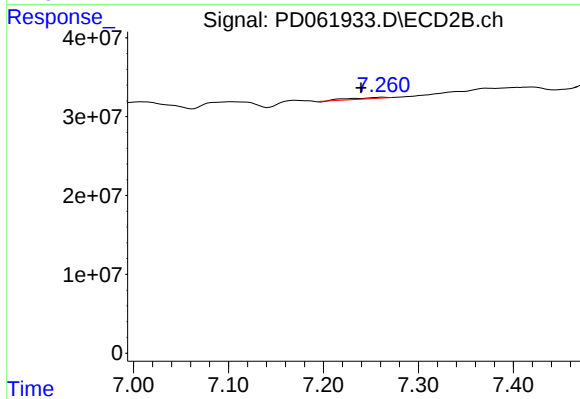
#18 Endrin aldehyde

R.T.: 7.010 min
Delta R.T.: -0.007 min
Response: 31582540
Conc: 4.02 ng/ml



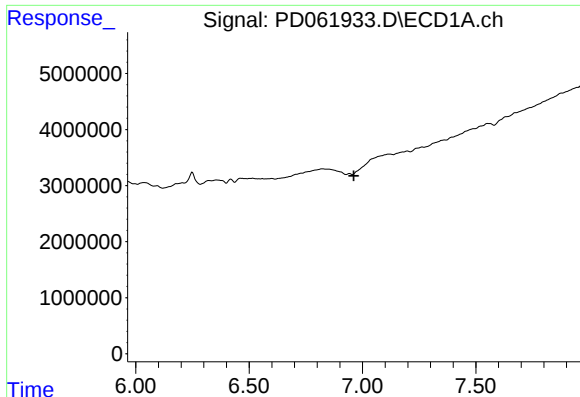
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T.: 6.706 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

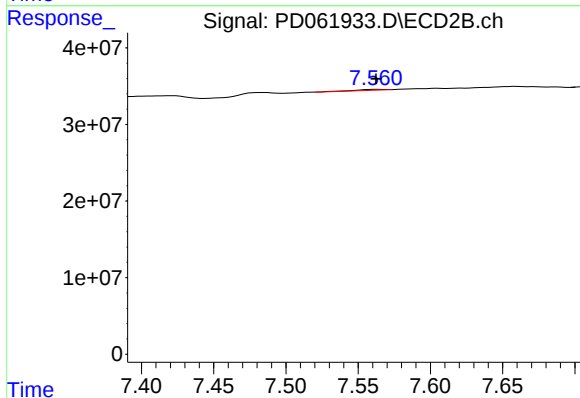
R.T.: 7.263 min
Delta R.T.: 0.023 min
Response: 3546032
Conc: 0.35 ng/ml



#20 Methoxychlor

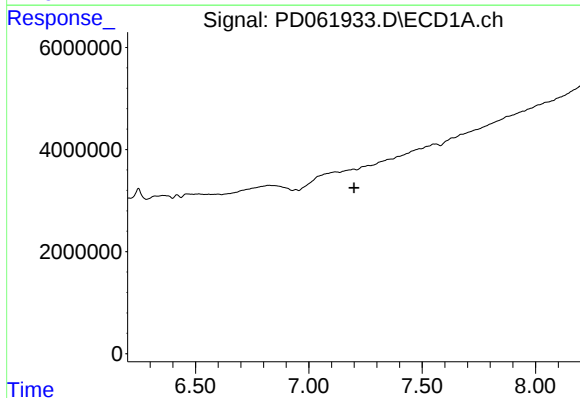
R.T.: 0.000 min
Exp R.T.: 6.962 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



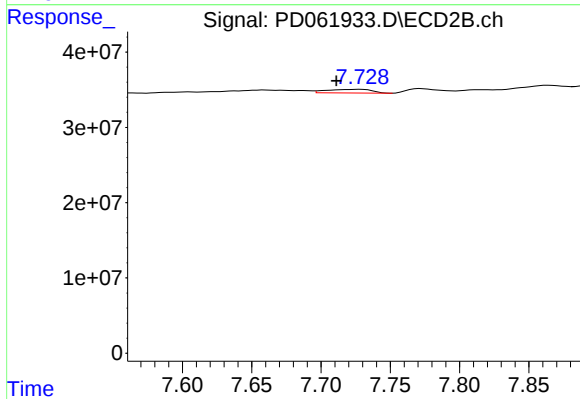
#20 Methoxychlor

R.T.: 7.564 min
Delta R.T.: 0.001 min
Response: 1459945
Conc: 0.32 ng/ml



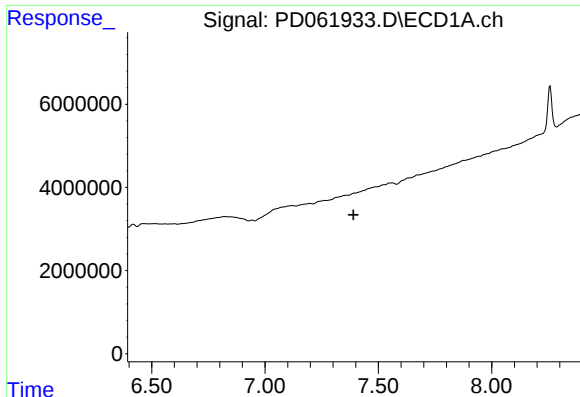
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T.: 7.200 min
Response: 0
Conc: N.D.



#21 Endrin ketone

R.T.: 7.729 min
Delta R.T.: 0.018 min
Response: 10874136
Conc: 1.07 ng/ml



#22 Mirex

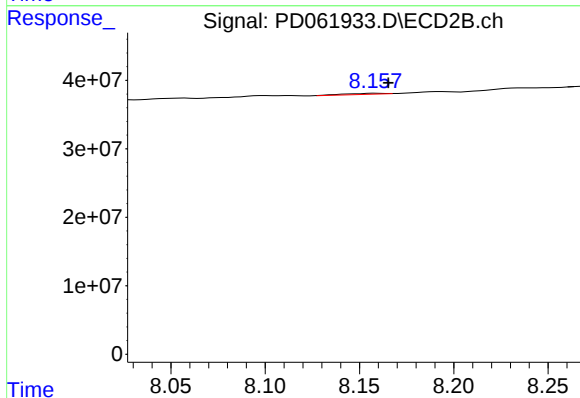
R.T.: 0.000 min

Exp R.T.: 7.390 min

Response: 0

Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



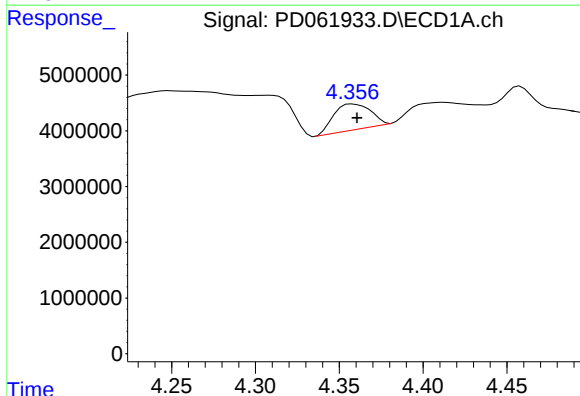
#22 Mirex

R.T.: 8.159 min

Delta R.T.: -0.006 min

Response: 2059310

Conc: 0.32 ng/ml



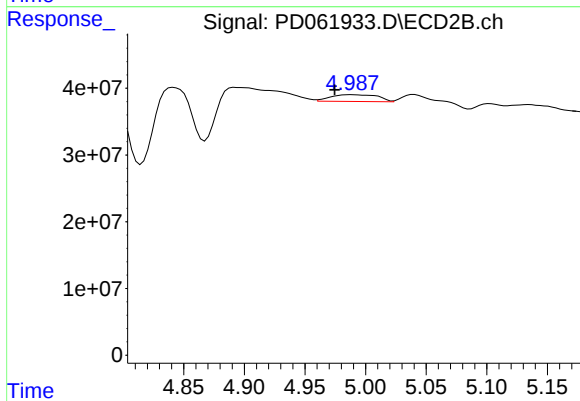
#23 Chlordane-1

R.T.: 4.358 min

Delta R.T.: -0.003 min

Response: 7072732

Conc: 222.58 ng/ml



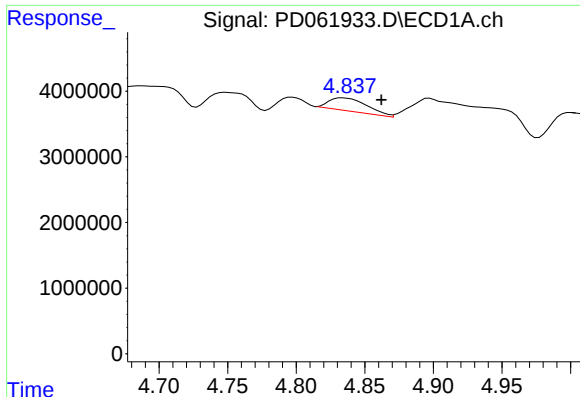
#23 Chlordane-1

R.T.: 4.988 min

Delta R.T.: 0.013 min

Response: 27693706

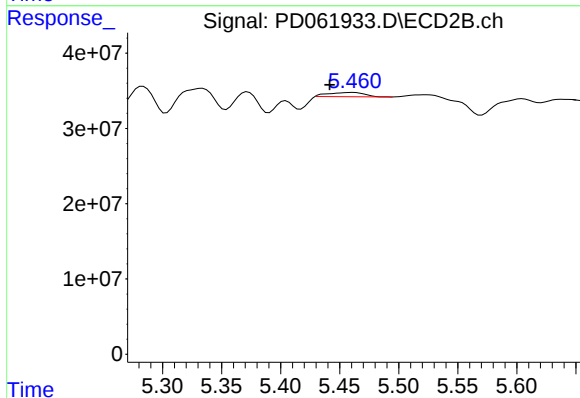
Conc: 71.39 ng/ml



#24 Chlordane-2

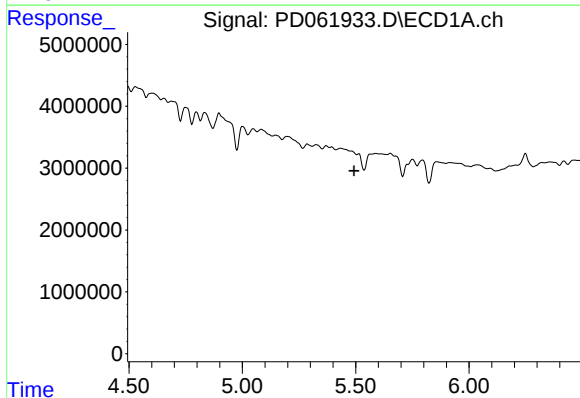
R.T.: 4.834 min
Delta R.T.: -0.028 min
Response: 3840963
Conc: 98.46 ng/ml

Instrument :
ECD_D
ClientSampleId :



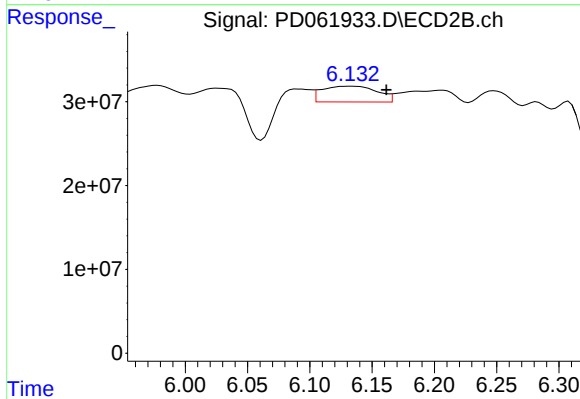
#24 Chlordane-2

R.T.: 5.461 min
Delta R.T.: 0.019 min
Response: 12156949
Conc: 31.68 ng/ml



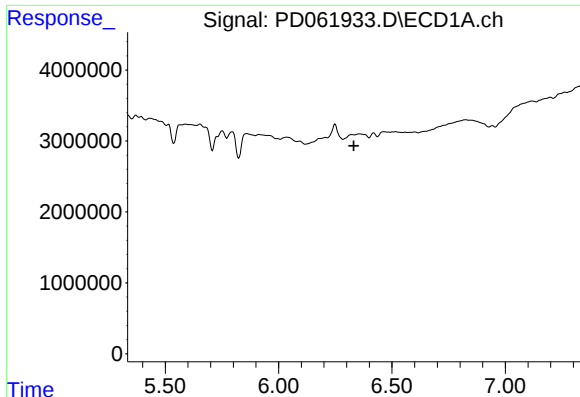
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.493 min
Response: 0
Conc: N.D.



#26 Chlordane-4

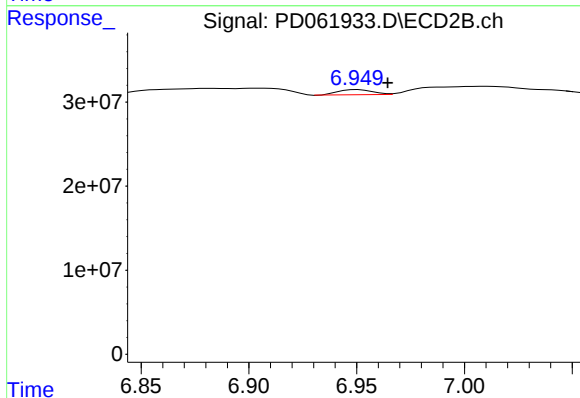
R.T.: 6.133 min
Delta R.T.: -0.028 min
Response: 58114251
Conc: 30.28 ng/ml



#27 Chlordane-5

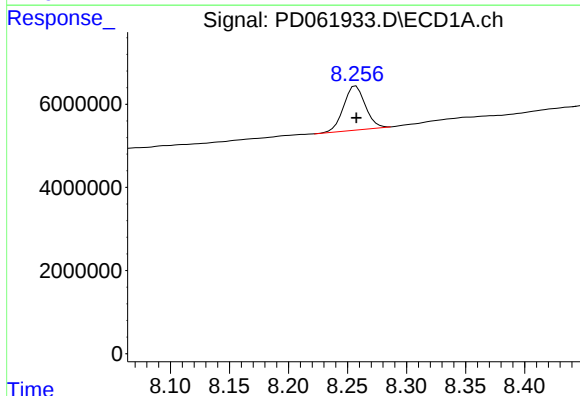
R.T.: 0.000 min
Exp R.T.: 6.332 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



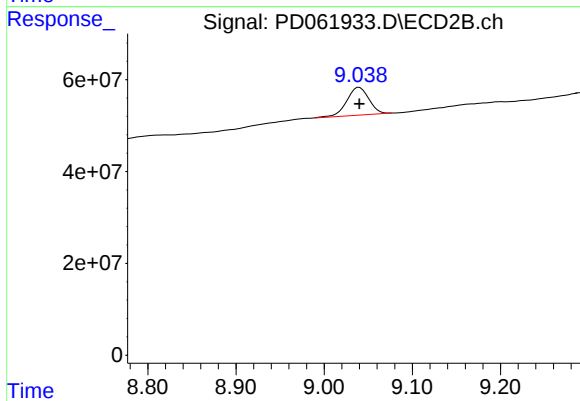
#27 Chlordane-5

R.T.: 6.950 min
Delta R.T.: -0.014 min
Response: 6841132
Conc: 18.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 13520358
Conc: 10.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.040 min
Delta R.T.: 0.000 min
Response: 104774928
Conc: 11.10 ng/ml