

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100721\
 Data File : PD066091.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2021 20:09
 Operator : AR\AJ
 Sample : M4118-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 23:20:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 23 12:18:33 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...	3.492	4.011	14025379	96422136	18.939	16.792
28)	SA Decachlor...	8.230	9.082	25481731	81204830	18.655	20.982
Target Compounds							
2)	A alpha-BHC	3.925	4.419	244060	686150	0.217	0.082 #
3)	MA gamma-BHC...	4.211	4.693	437839	12687789	0.390	1.642 #
4)	MA Heptachlor	4.543f	5.186	316804	5577872	0.266	0.769 #
6)	B beta-BHC	4.473	4.886f	1451892	-1262985	2.543	N.D. #
7)	B delta-BHC	4.657	5.106f	84330	6590029	0.075	0.916 #
9)	A Endosulfan I	5.559f	6.252	795864	2840483	0.732	0.514 #
11)	B alpha-Chl...	5.482	6.187	2663989	7925835	2.250	1.321 #
12)	B 4,4'-DDE	5.644	6.353	765449	24012960	0.703	4.164 #
13)	MA Dieldrin	5.786	6.520	1450741	1859164	1.252	0.315 #
14)	MA Endrin	0.000	6.723	0	10618	N.D.	0.002 #
15)	B Endosulfa...	6.316	6.947	1202378	5556074	1.113	1.147
16)	A 4,4'-DDD	0.000	6.847	0	5452905	N.D.	1.110 #
17)	MA 4,4'-DDT	6.402	7.143	330054	943188	0.300	0.187 #
18)	B Endrin al...	0.000	7.055	0	876202	N.D.	0.224 #
19)	B Endosulfa...	6.684	7.276	537823	1166114	0.471	0.236 #
21)	B Endrin ke...	0.000	7.770	0	14274723	N.D.	2.503 #
22)	Mirex	7.381	8.201	1762628	3227593	1.460	0.817 #
23)	Chlordane-1	4.367	0.000	1559704	0	46.562	N.D. #
26)	Chlordane-4	5.482	6.187	2663989	7925835	26.973	8.263 #
27)	Chlordane-5	6.316	6.995	1202378	1373844	24.740	7.393 #

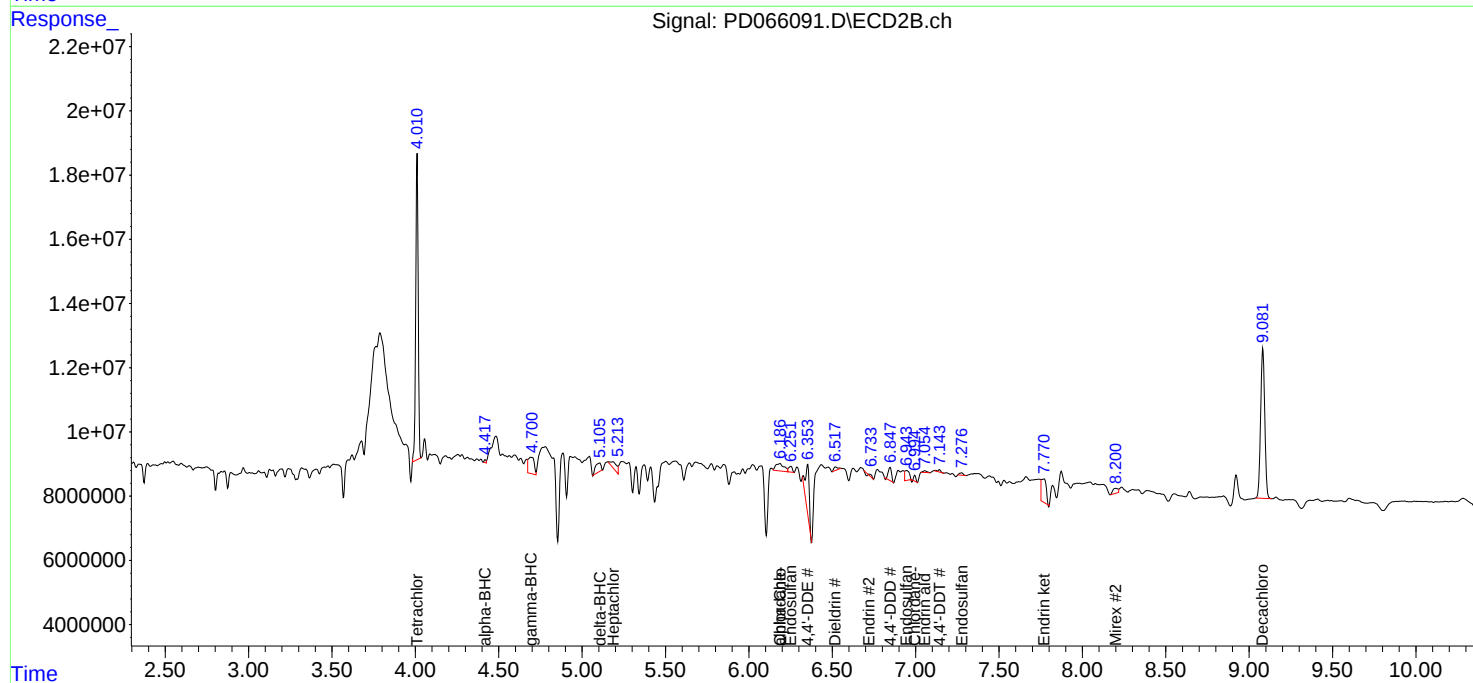
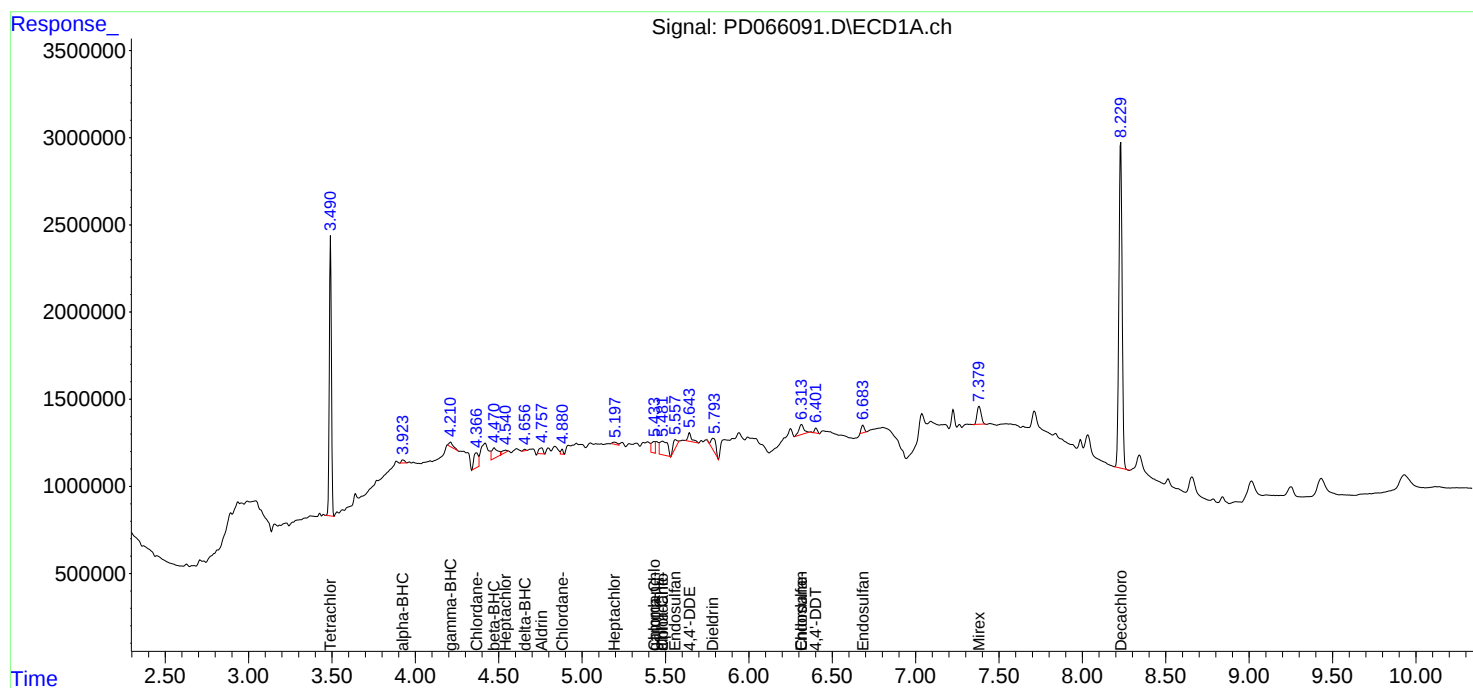
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

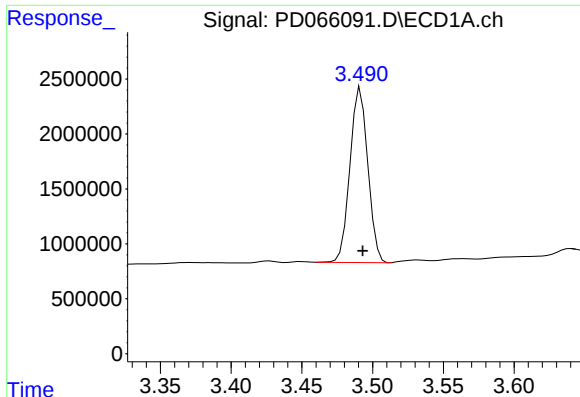
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100721\
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

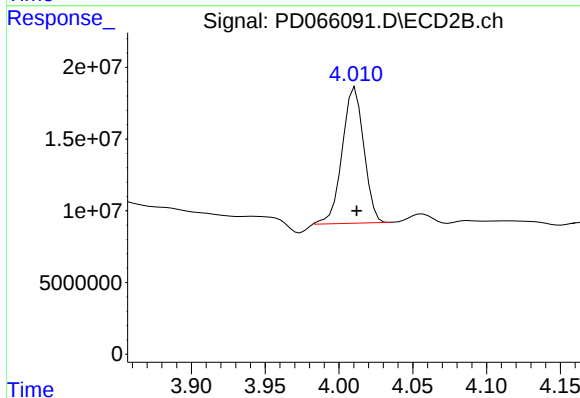




#1 Tetrachloro-m-xylene

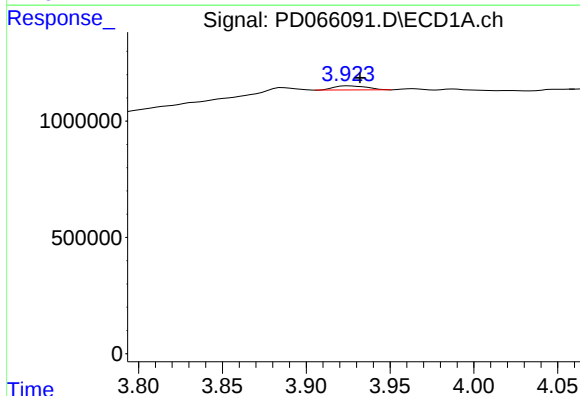
R.T.: 3.492 min
Delta R.T.: -0.001 min
Response: 14025379
Conc: 18.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



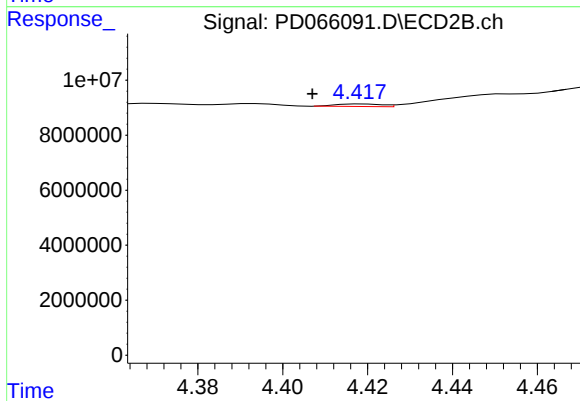
#1 Tetrachloro-m-xylene

R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 96422136
Conc: 16.79 ng/ml



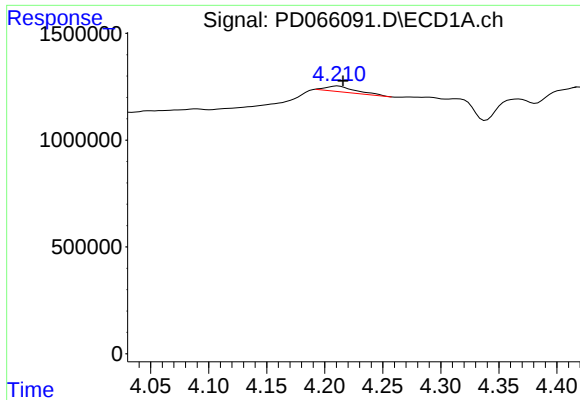
#2 alpha-BHC

R.T.: 3.925 min
Delta R.T.: -0.007 min
Response: 244060
Conc: 0.22 ng/ml



#2 alpha-BHC

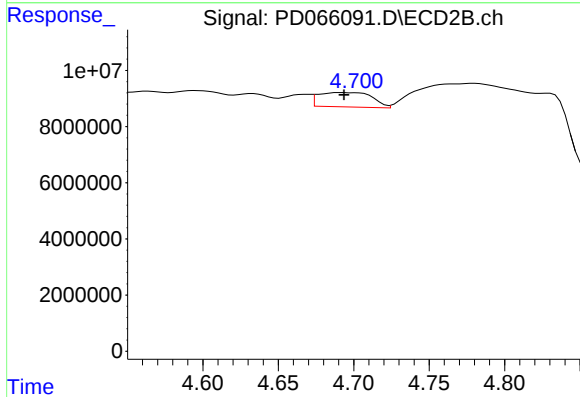
R.T.: 4.419 min
Delta R.T.: 0.012 min
Response: 686150
Conc: 0.08 ng/ml



#3 gamma-BHC (Lindane)

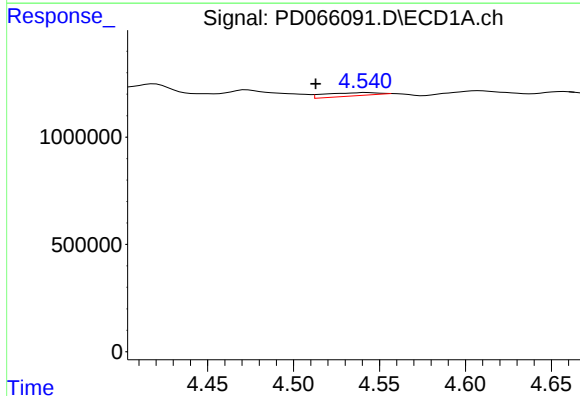
R.T.: 4.211 min
Delta R.T.: -0.004 min
Response: 437839
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



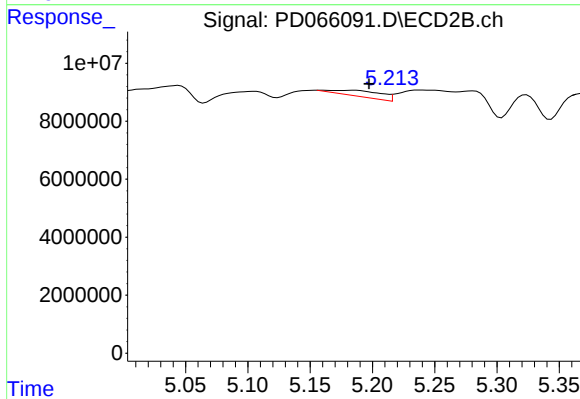
#3 gamma-BHC (Lindane)

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 12687789
Conc: 1.64 ng/ml



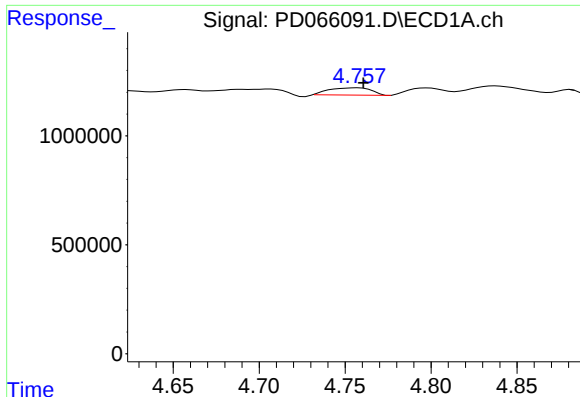
#4 Heptachlor

R.T.: 4.543 min
Delta R.T.: 0.030 min
Response: 316804
Conc: 0.27 ng/ml



#4 Heptachlor

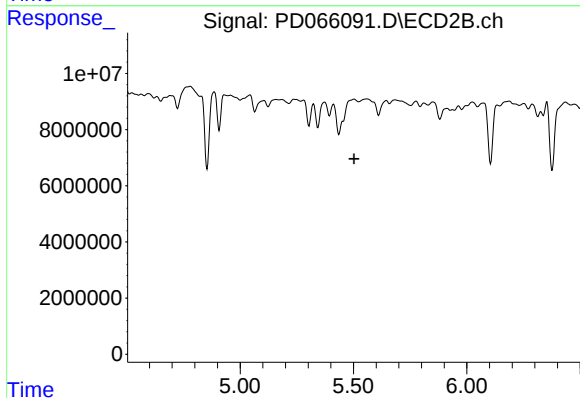
R.T.: 5.186 min
Delta R.T.: -0.011 min
Response: 5577872
Conc: 0.77 ng/ml



#5 Aldrin

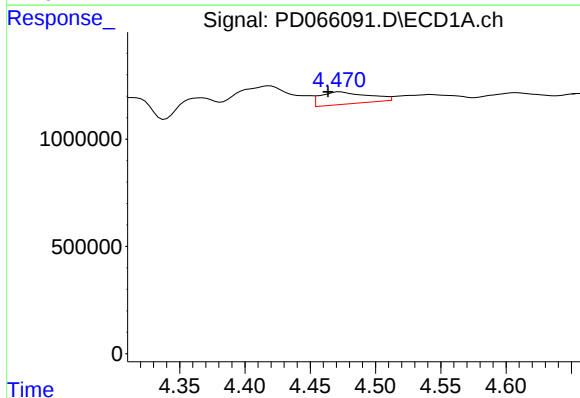
R.T.: 4.757 min
Delta R.T.: -0.003 min
Response: 580907
Conc: 0.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



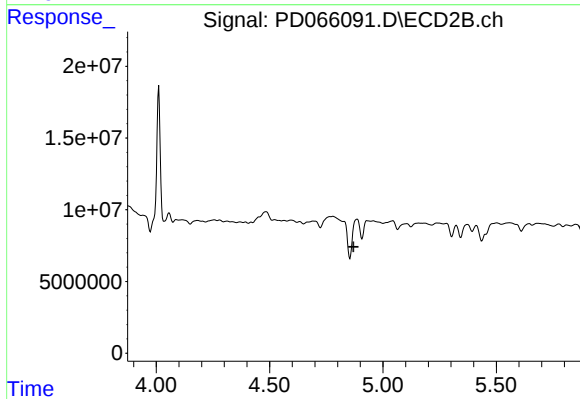
#5 Aldrin

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: -12112427
Conc: N.D.



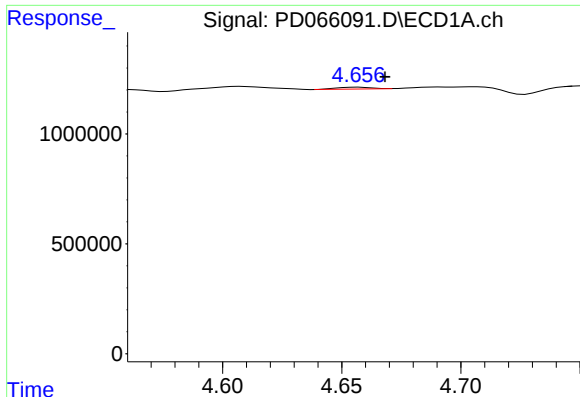
#6 beta-BHC

R.T.: 4.473 min
Delta R.T.: 0.009 min
Response: 1451892
Conc: 2.54 ng/ml



#6 beta-BHC

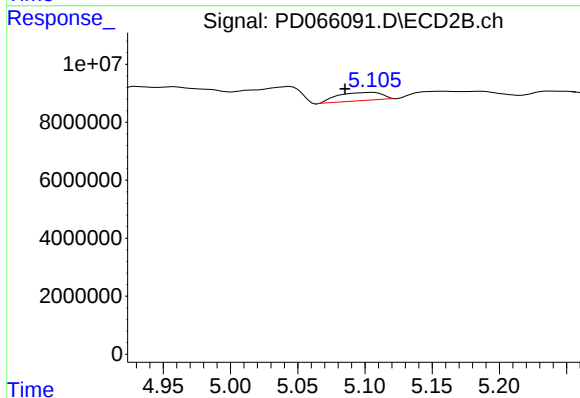
R.T.: 4.886 min
Delta R.T.: 0.016 min
Response: -1262985
Conc: N.D.



#7 delta-BHC

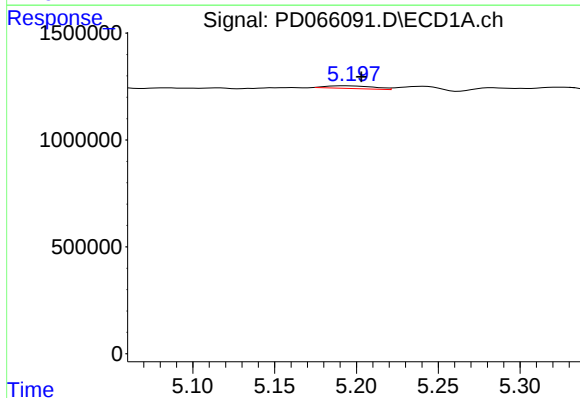
R.T.: 4.657 min
Delta R.T.: -0.011 min
Response: 84330
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



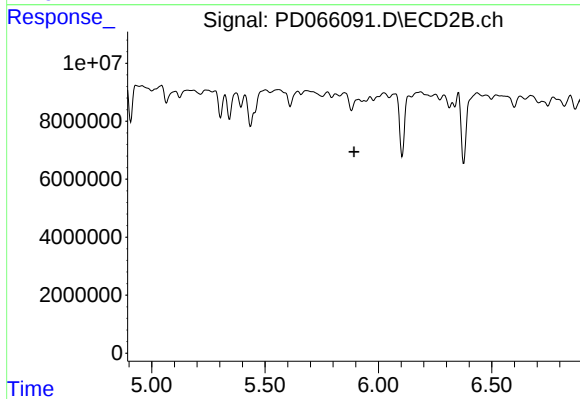
#7 delta-BHC

R.T.: 5.106 min
Delta R.T.: 0.021 min
Response: 6590029
Conc: 0.92 ng/ml



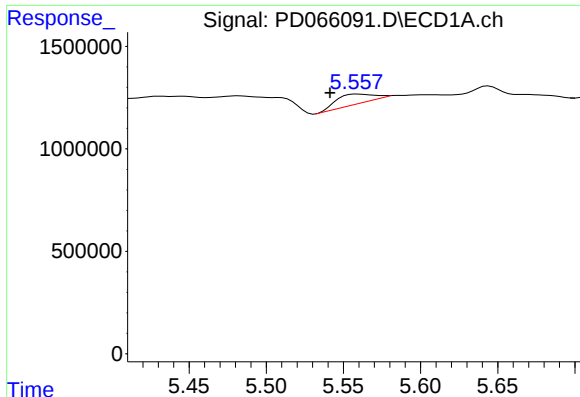
#8 Heptachlor epoxide

R.T.: 5.194 min
Delta R.T.: -0.009 min
Response: 249924
Conc: 0.22 ng/ml



#8 Heptachlor epoxide

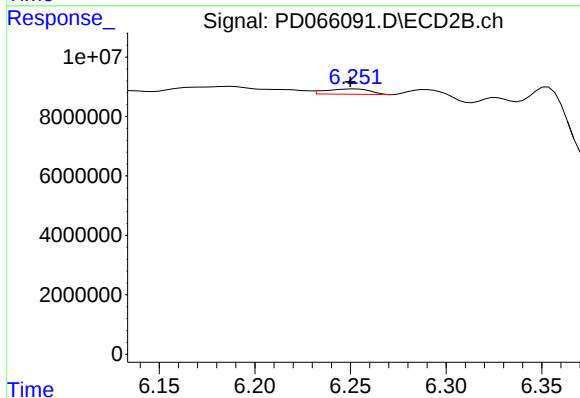
R.T.: 5.913 min
Delta R.T.: 0.021 min
Response: -5665960
Conc: N.D.



#9 Endosulfan I

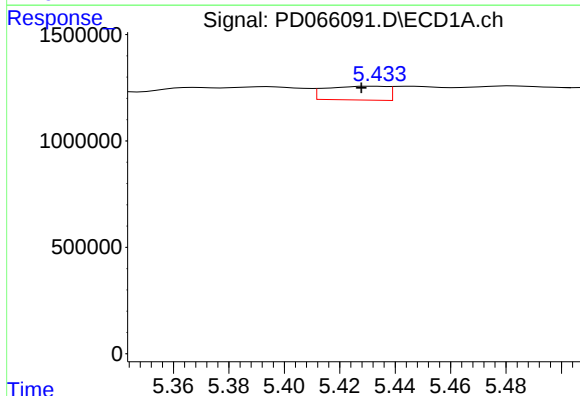
R.T.: 5.559 min
Delta R.T.: 0.018 min
Response: 795864
Conc: 0.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



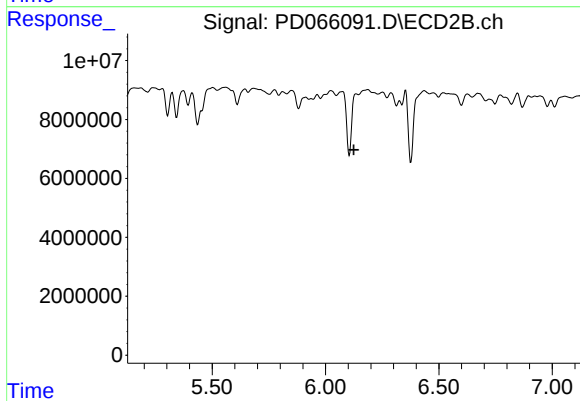
#9 Endosulfan I

R.T.: 6.252 min
Delta R.T.: 0.002 min
Response: 2840483
Conc: 0.51 ng/ml



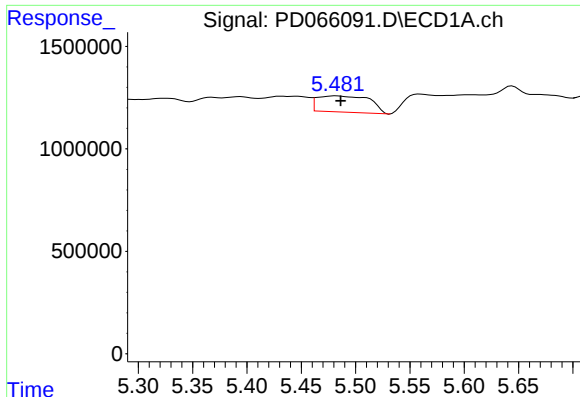
#10 gamma-Chlordane

R.T.: 5.433 min
Delta R.T.: 0.005 min
Response: 986321
Conc: 0.82 ng/ml



#10 gamma-Chlordane

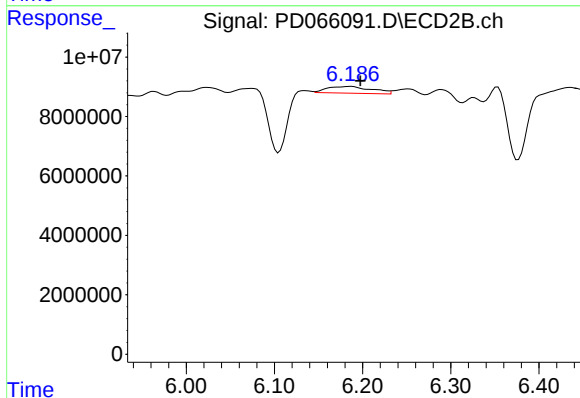
R.T.: 6.135 min
Delta R.T.: 0.010 min
Response: -25320259
Conc: N.D.



#11 alpha-Chlordane

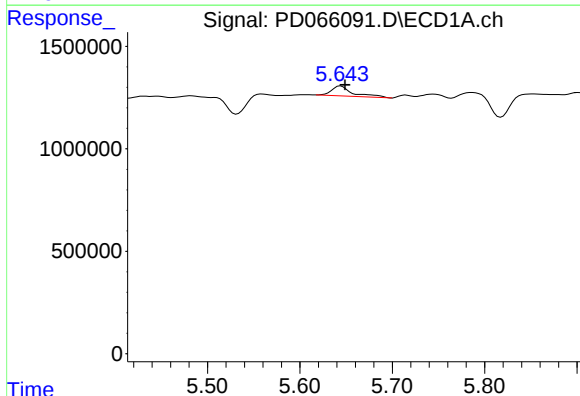
R.T.: 5.482 min
Delta R.T.: -0.004 min
Response: 2663989
Conc: 2.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



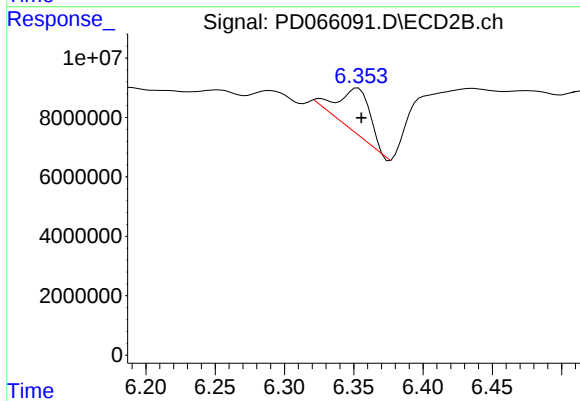
#11 alpha-Chlordane

R.T.: 6.187 min
Delta R.T.: -0.011 min
Response: 7925835
Conc: 1.32 ng/ml



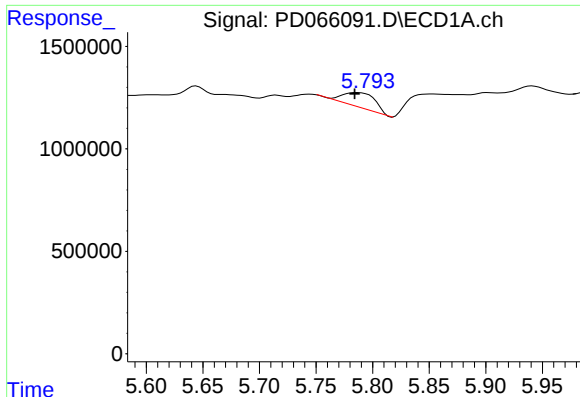
#12 4,4'-DDE

R.T.: 5.644 min
Delta R.T.: -0.004 min
Response: 765449
Conc: 0.70 ng/ml



#12 4,4'-DDE

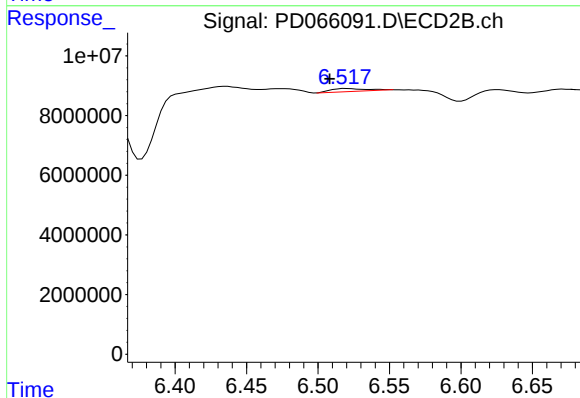
R.T.: 6.353 min
Delta R.T.: -0.003 min
Response: 24012960
Conc: 4.16 ng/ml



#13 Dieldrin

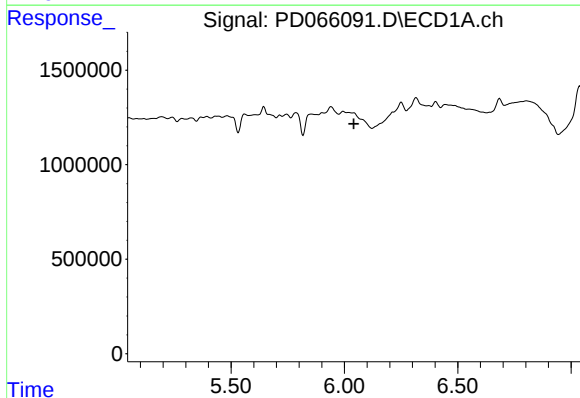
R.T.: 5.786 min
Delta R.T.: 0.002 min
Response: 1450741
Conc: 1.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



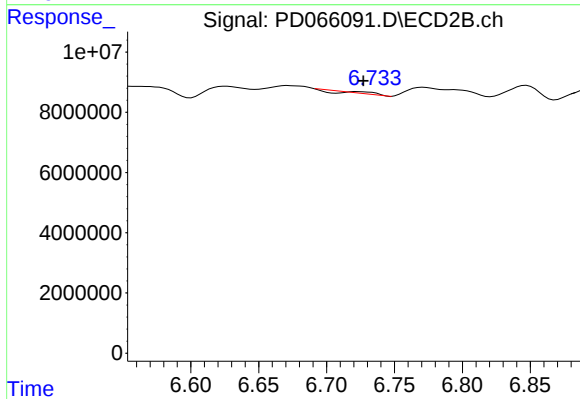
#13 Dieldrin

R.T.: 6.520 min
Delta R.T.: 0.012 min
Response: 1859164
Conc: 0.32 ng/ml



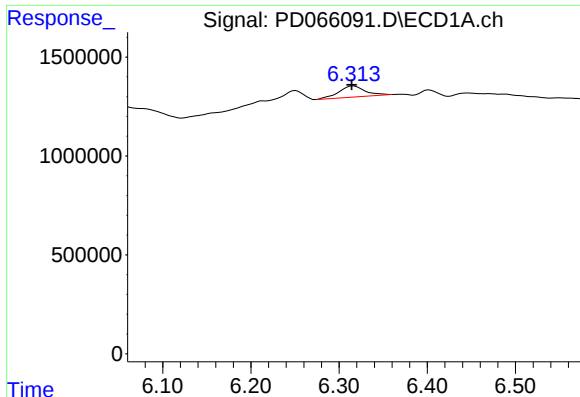
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.042 min
Response: 0
Conc: N.D.



#14 Endrin

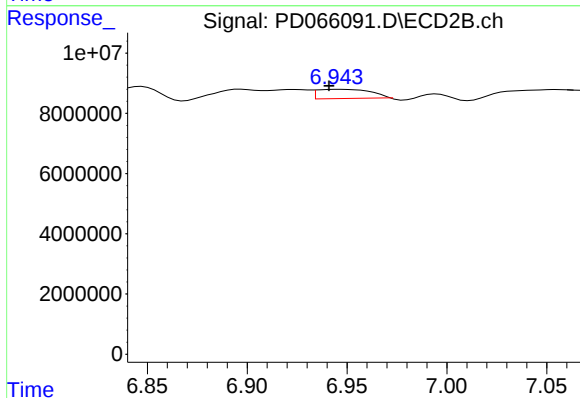
R.T.: 6.723 min
Delta R.T.: -0.004 min
Response: 10618
Conc: 0.00 ng/ml



#15 Endosulfan II

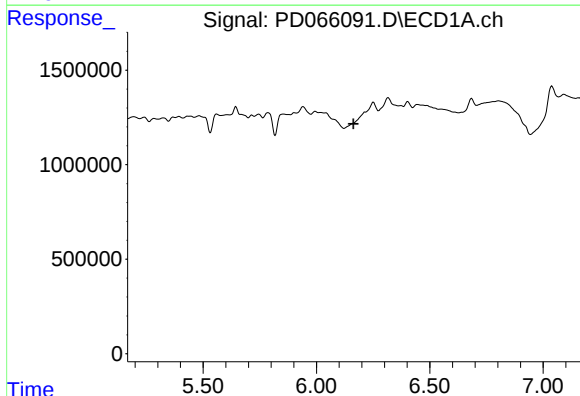
R.T.: 6.316 min
Delta R.T.: 0.002 min
Response: 1202378
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



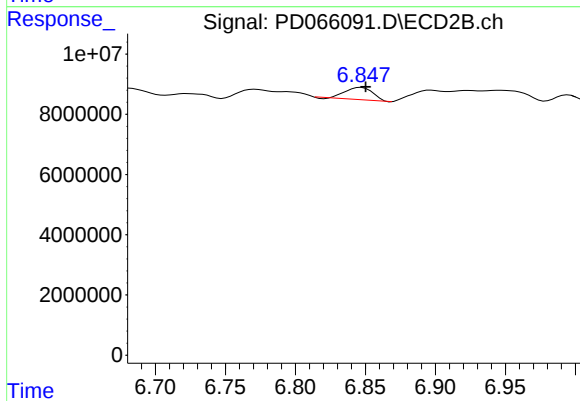
#15 Endosulfan II

R.T.: 6.947 min
Delta R.T.: 0.006 min
Response: 5556074
Conc: 1.15 ng/ml



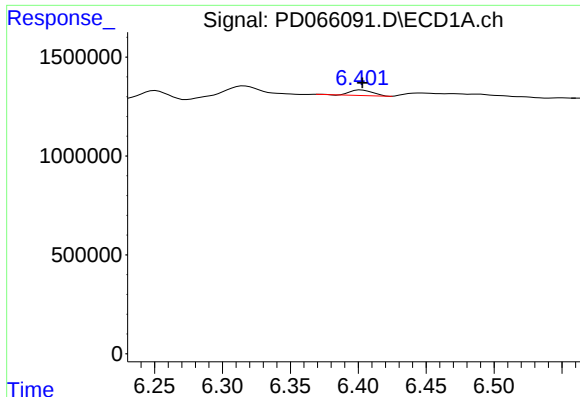
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 6.164 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

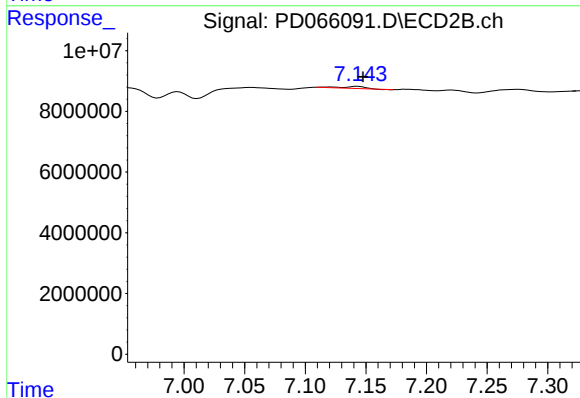
R.T.: 6.847 min
Delta R.T.: -0.003 min
Response: 5452905
Conc: 1.11 ng/ml



#17 4,4'-DDT

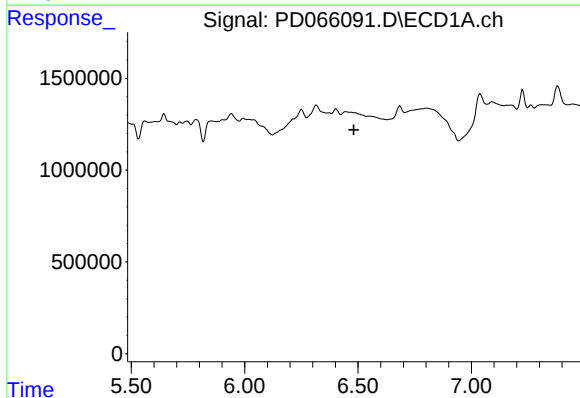
R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 330054
Conc: 0.30 ng/ml

Instrument :
ECD_D
ClientSampleId :



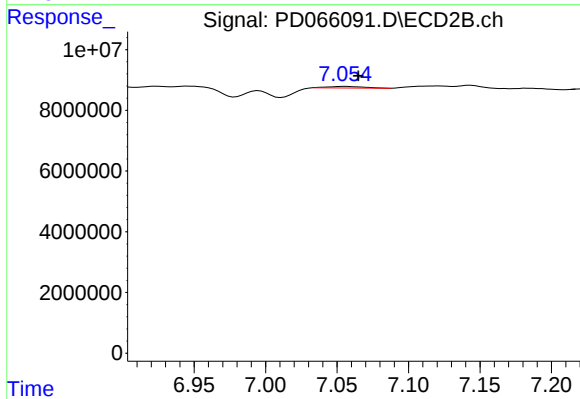
#17 4,4'-DDT

R.T.: 7.143 min
Delta R.T.: -0.004 min
Response: 943188
Conc: 0.19 ng/ml



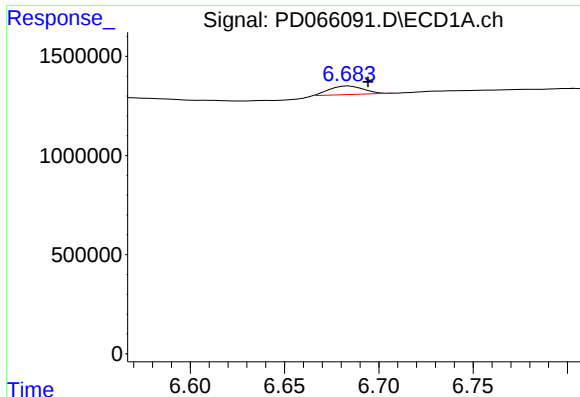
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.482 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

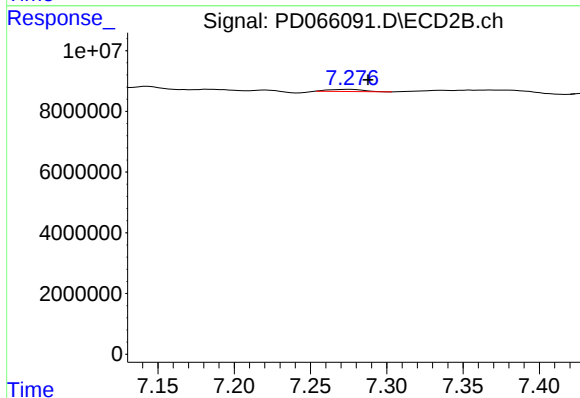
R.T.: 7.055 min
Delta R.T.: -0.010 min
Response: 876202
Conc: 0.22 ng/ml



#19 Endosulfan Sulfate

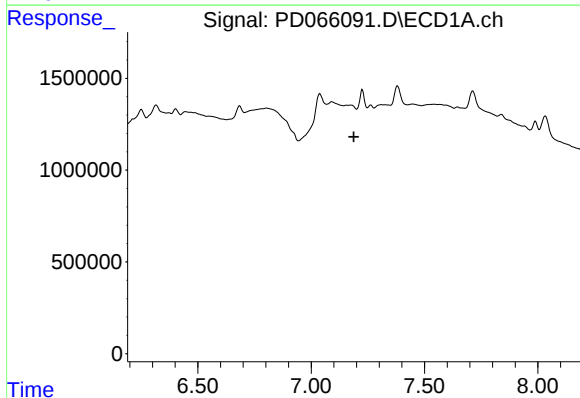
R.T.: 6.684 min
Delta R.T.: -0.010 min
Response: 537823
Conc: 0.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



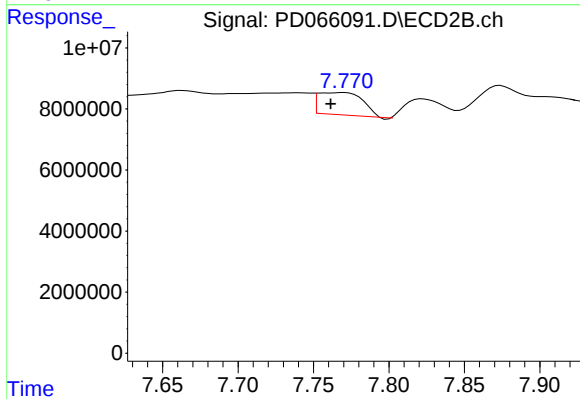
#19 Endosulfan Sulfate

R.T.: 7.276 min
Delta R.T.: -0.012 min
Response: 1166114
Conc: 0.24 ng/ml



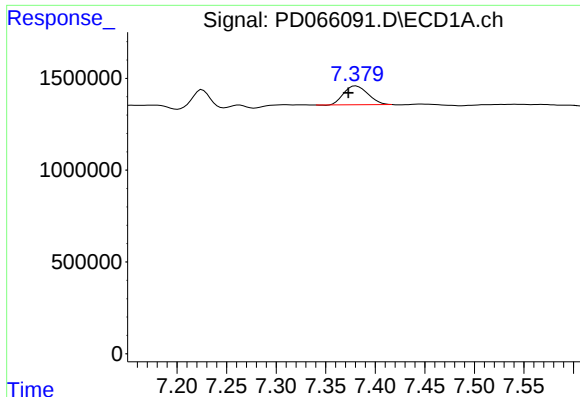
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 7.189 min
Response: 0
Conc: N.D.



#21 Endrin ketone

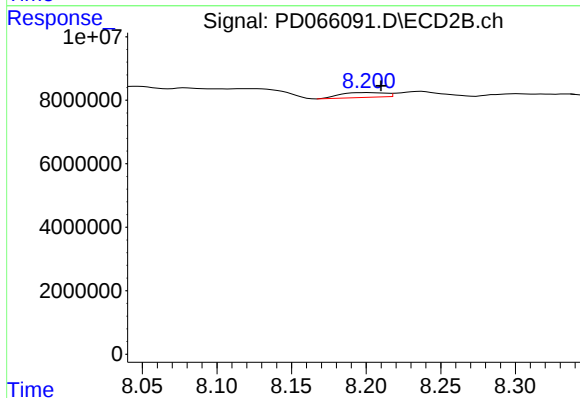
R.T.: 7.770 min
Delta R.T.: 0.009 min
Response: 14274723
Conc: 2.50 ng/ml



#22 Mirex

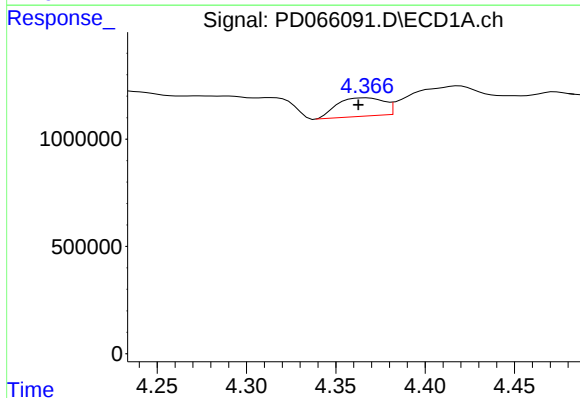
R.T.: 7.381 min
Delta R.T.: 0.008 min
Response: 1762628
Conc: 1.46 ng/ml

Instrument :
ECD_D
ClientSampleId :



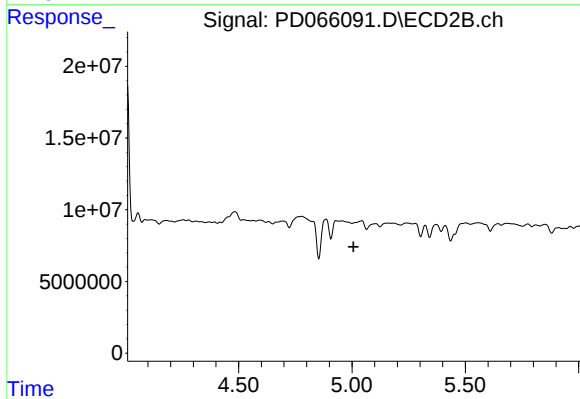
#22 Mirex

R.T.: 8.201 min
Delta R.T.: -0.009 min
Response: 3227593
Conc: 0.82 ng/ml



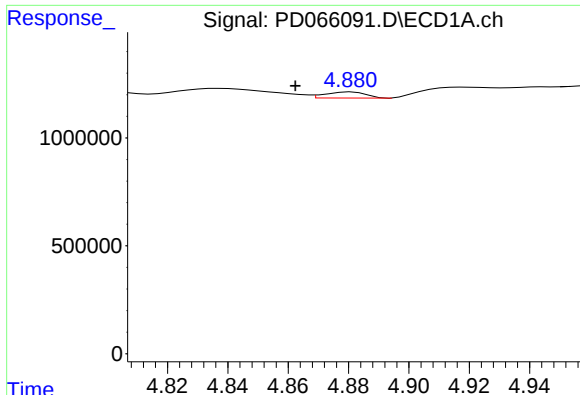
#23 Chlordane-1

R.T.: 4.367 min
Delta R.T.: 0.005 min
Response: 1559704
Conc: 46.56 ng/ml



#23 Chlordane-1

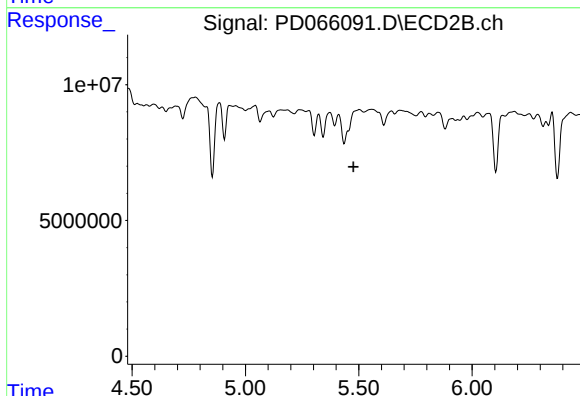
R.T.: 0.000 min
Exp R.T. : 5.007 min
Response: 0
Conc: N.D.



#24 Chlordane-2

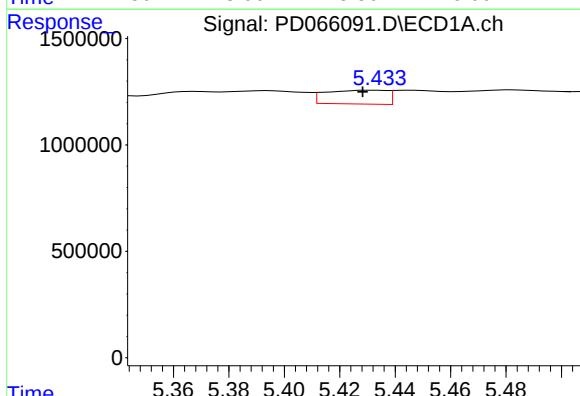
R.T.: 4.881 min
Delta R.T.: 0.019 min
Response: 265544
Conc: 6.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



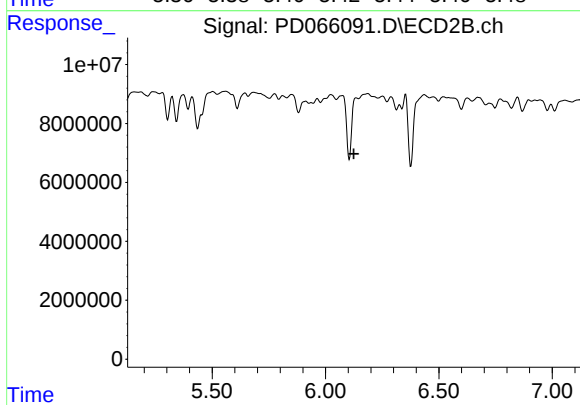
#24 Chlordane-2

R.T.: 5.503 min
Delta R.T.: 0.025 min
Response: -12112427
Conc: N.D.



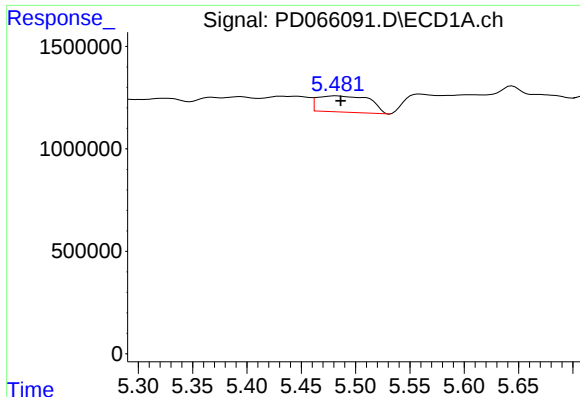
#25 Chlordane-3

R.T.: 5.433 min
Delta R.T.: 0.004 min
Response: 986321
Conc: 8.37 ng/ml



#25 Chlordane-3

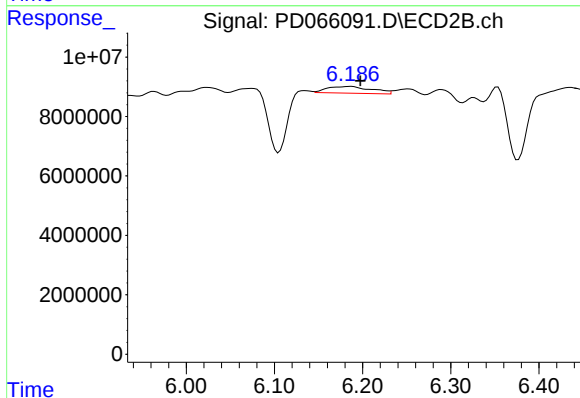
R.T.: 6.135 min
Delta R.T.: 0.010 min
Response: -25320259
Conc: N.D.



#26 Chlordane-4

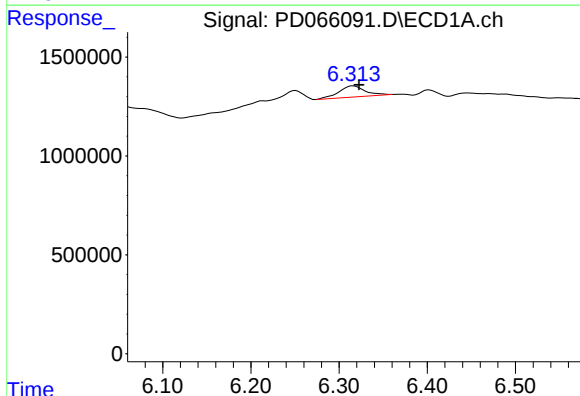
R.T.: 5.482 min
Delta R.T.: -0.004 min
Response: 2663989
Conc: 26.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



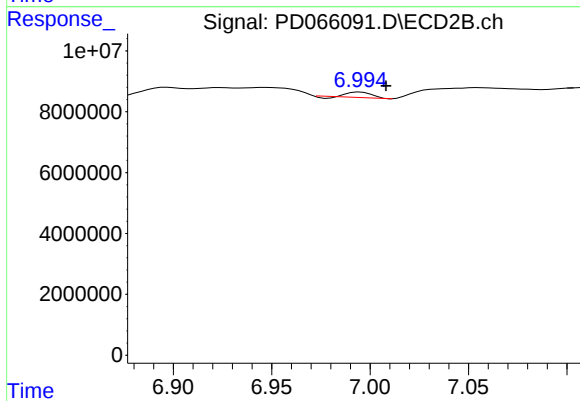
#26 Chlordane-4

R.T.: 6.187 min
Delta R.T.: -0.011 min
Response: 7925835
Conc: 8.26 ng/ml



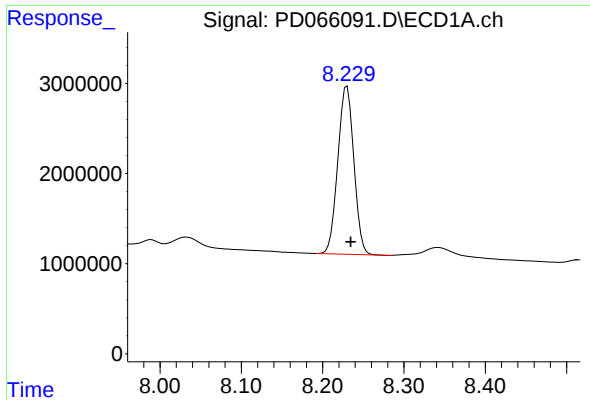
#27 Chlordane-5

R.T.: 6.316 min
Delta R.T.: -0.006 min
Response: 1202378
Conc: 24.74 ng/ml



#27 Chlordane-5

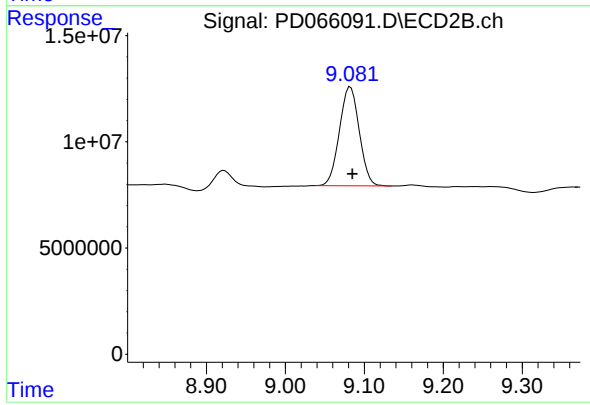
R.T.: 6.995 min
Delta R.T.: -0.013 min
Response: 1373844
Conc: 7.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.230 min
Delta R.T.: -0.005 min
Response: 25481731
Conc: 18.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: -0.003 min
Response: 81204830
Conc: 20.98 ng/ml