

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100721\
 Data File : PD066090.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2021 19:55
 Operator : AR\AJ
 Sample : M4117-19
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

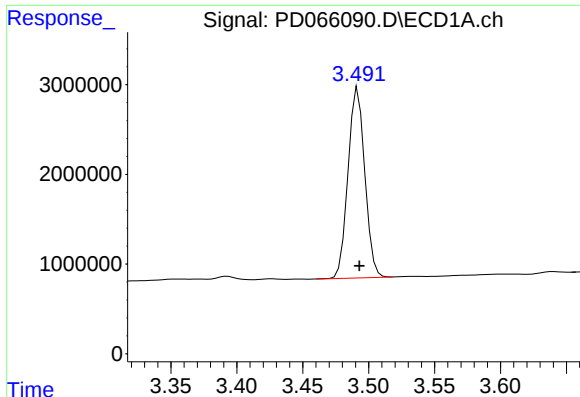
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 23:20:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 23 12:18:33 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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	18729991	129.7E6	25.292	22.591
2)	SA Decachlor...	8.231	9.082	26763185	93428432	19.593	24.141
Target Compounds							
2)	A alpha-BHC	3.940	0.000	193555	0	0.172	N.D. #
3)	MA gamma-BHC...	4.215	4.683	428165	70370	0.382	0.009 #
4)	MA Heptachlor	4.543f	5.198	44819	87493	0.038	0.012 #
5)	MB Aldrin	4.763	5.522f	238269	-1074870	0.213	N.D. #
6)	B beta-BHC	4.473	4.862	431575	3564495	0.756	0.964 #
7)	B delta-BHC	4.662	5.114f	62768	130603	0.056	0.018 #
8)	B Heptachlo...	0.000	5.911f	0	661316	N.D.	0.128 #
9)	A Endosulfan I	5.558f	6.257	292049	65404	0.269	0.012 #
10)	B gamma-Chl...	5.444f	6.122	121964	194840	0.101	0.032 #
11)	B alpha-Chl...	5.480	6.178f	175026	466678	0.148	0.078 #
12)	B 4,4'-DDE	5.650	6.354	170746	922136	0.157	0.160
13)	MA Dieldrin	0.000	6.514	0	711052	N.D.	0.121 #
14)	MA Endrin	0.000	6.712f	0	293602	N.D.	0.060 #
15)	B Endosulfa...	6.317	6.934	780907	791841	0.723	0.163 #
16)	A 4,4'-DDD	0.000	6.846	0	84308	N.D.	0.017 #
17)	MA 4,4'-DDT	6.389	7.147	300879	917610	0.273	0.182 #
18)	B Endrin al...	0.000	7.059	0	197099	N.D.	0.050 #
19)	B Endosulfa...	6.684	7.284	393588	193194	0.345	0.039 #
20)	A Methoxychlor	6.982f	7.608	840476	709351	1.230	0.270 #
21)	B Endrin ke...	0.000	7.771	0	1814071	N.D.	0.318 #
22)	Mirex	7.379	8.234f	1083253	1986009	0.897	0.503 #
23)	Chlordane-1	4.388f	0.000	1233026	0	36.810	N.D. #
24)	Chlordane-2	4.871	0.000	305866	0	7.531	N.D. #
25)	Chlordane-3	5.444f	6.122	121964	194840	1.035	0.238 #
26)	Chlordane-4	5.480	6.178f	175026	466678	1.772	0.487 #
27)	Chlordane-5	6.317	0.000	780907	0	16.068	N.D. #

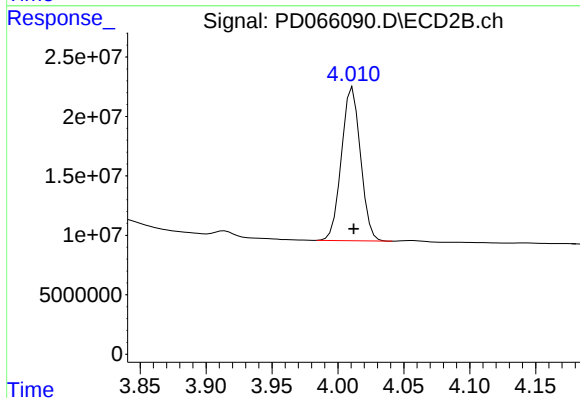
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

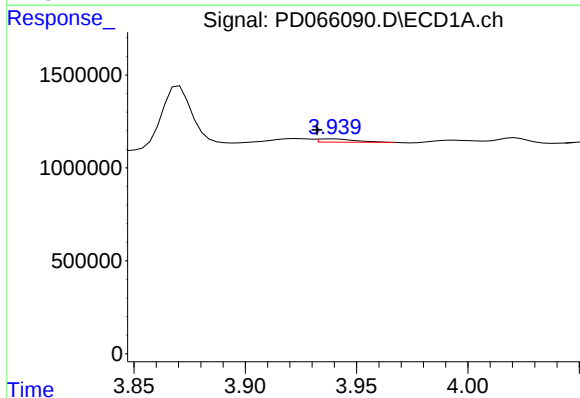
R.T.: 3.492 min
Delta R.T.: -0.001 min
Response: 18729991
Conc: 25.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



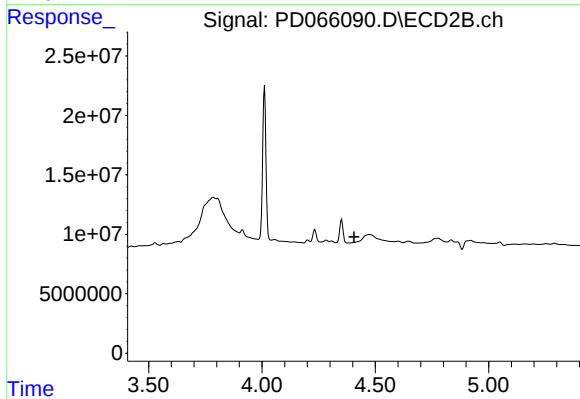
#1 Tetrachloro-m-xylene

R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 129718091
Conc: 22.59 ng/ml



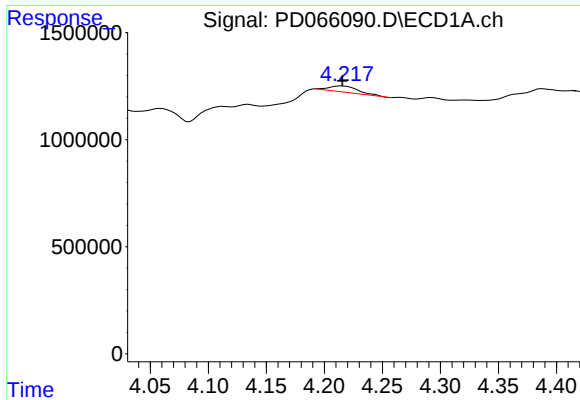
#2 alpha-BHC

R.T.: 3.940 min
Delta R.T.: 0.008 min
Response: 193555
Conc: 0.17 ng/ml



#2 alpha-BHC

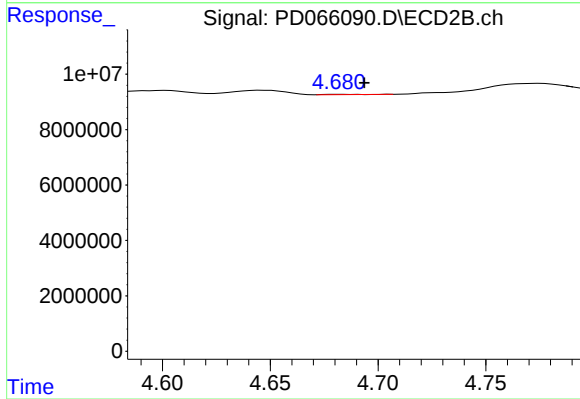
R.T.: 0.000 min
Exp R.T. : 4.407 min
Response: 0
Conc: N.D.



#3 gamma-BHC (Lindane)

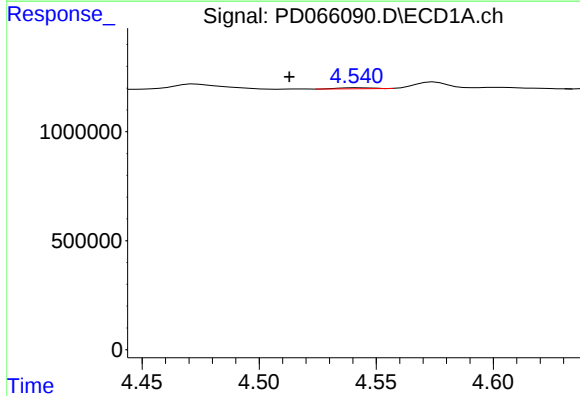
R.T.: 4.215 min
Delta R.T.: 0.000 min
Response: 428165
Conc: 0.38 ng/ml

Instrument :
ECD_D
ClientSampleId :



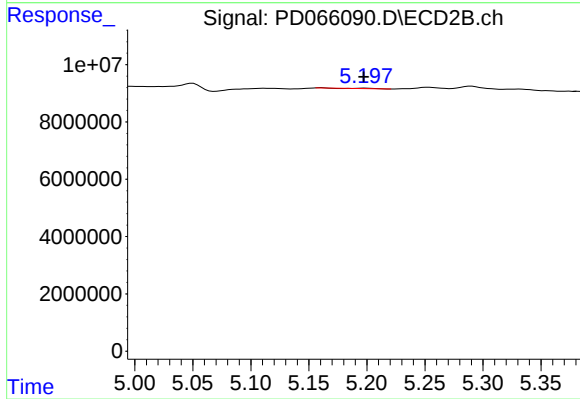
#3 gamma-BHC (Lindane)

R.T.: 4.683 min
Delta R.T.: -0.010 min
Response: 70370
Conc: 0.01 ng/ml



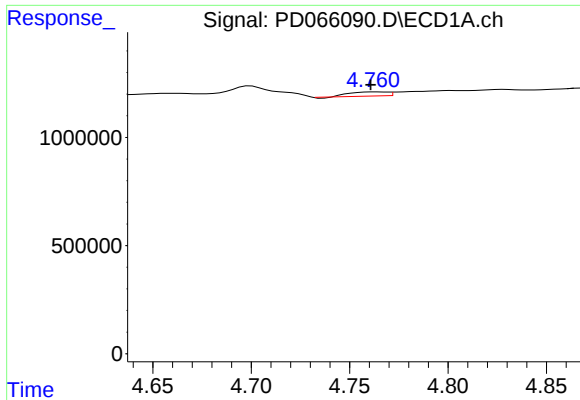
#4 Heptachlor

R.T.: 4.543 min
Delta R.T.: 0.030 min
Response: 44819
Conc: 0.04 ng/ml



#4 Heptachlor

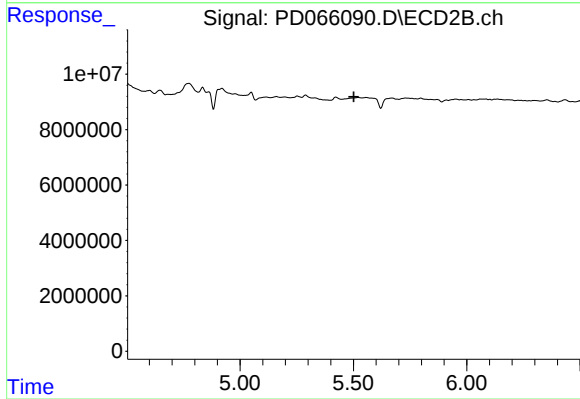
R.T.: 5.198 min
Delta R.T.: 0.001 min
Response: 87493
Conc: 0.01 ng/ml



#5 Aldrin

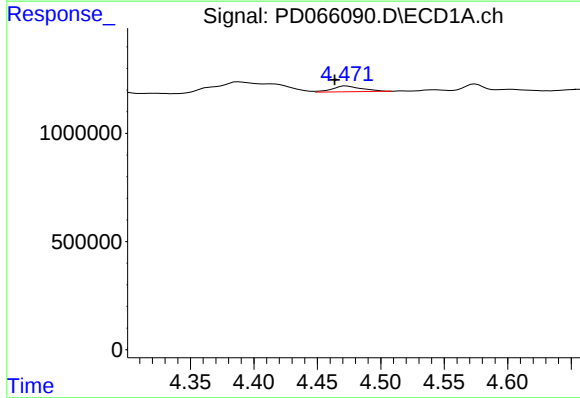
R.T.: 4.763 min
Delta R.T.: 0.003 min
Response: 238269
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



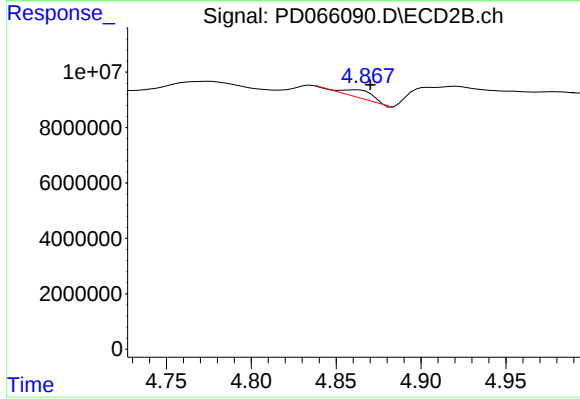
#5 Aldrin

R.T.: 5.522 min
Delta R.T.: 0.020 min
Response: -1074870
Conc: N.D.



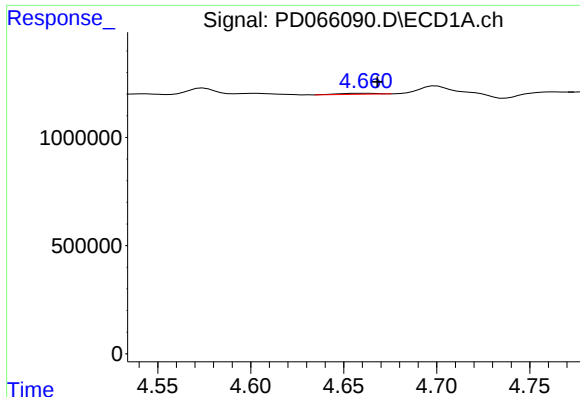
#6 beta-BHC

R.T.: 4.473 min
Delta R.T.: 0.009 min
Response: 431575
Conc: 0.76 ng/ml



#6 beta-BHC

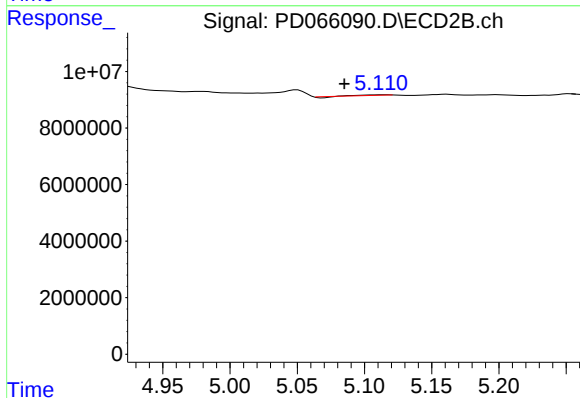
R.T.: 4.862 min
Delta R.T.: -0.008 min
Response: 3564495
Conc: 0.96 ng/ml



#7 delta-BHC

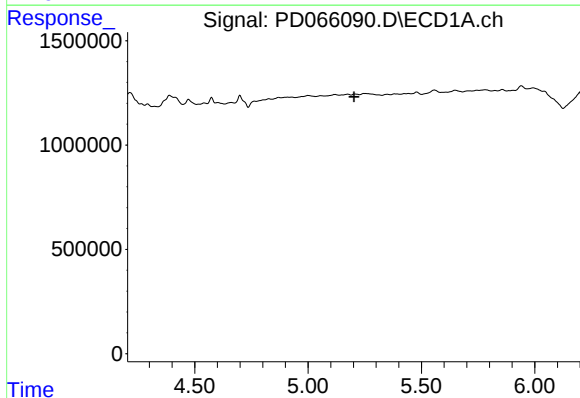
R.T.: 4.662 min
Delta R.T.: -0.006 min
Response: 62768
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



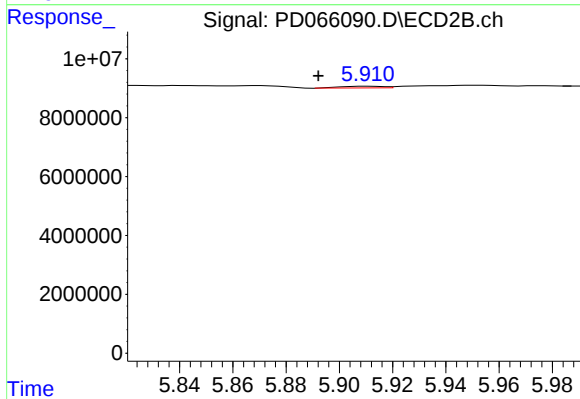
#7 delta-BHC

R.T.: 5.114 min
Delta R.T.: 0.029 min
Response: 130603
Conc: 0.02 ng/ml



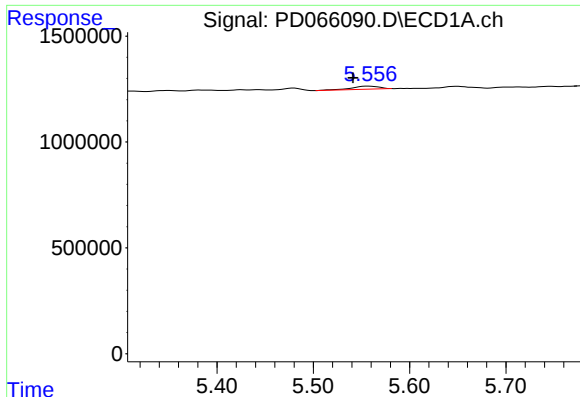
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.203 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

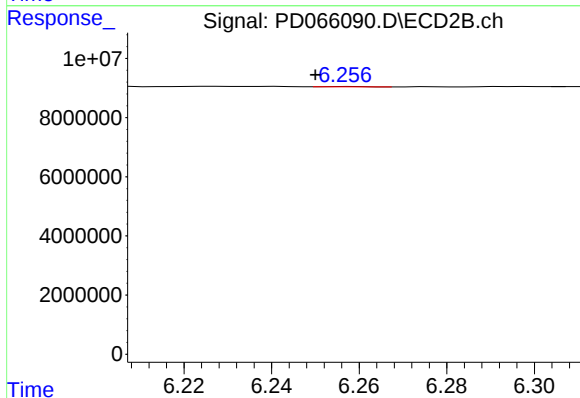
R.T.: 5.911 min
Delta R.T.: 0.019 min
Response: 661316
Conc: 0.13 ng/ml



#9 Endosulfan I

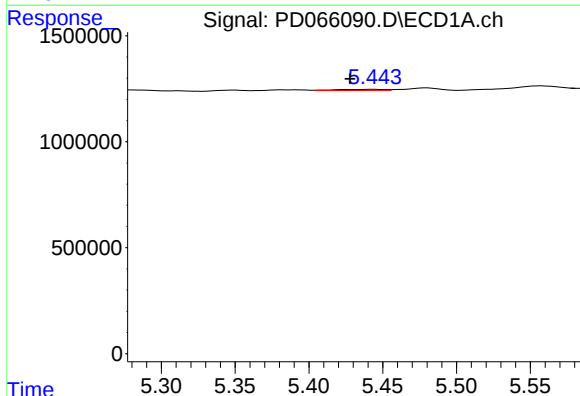
R.T.: 5.558 min
Delta R.T.: 0.016 min
Response: 292049
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



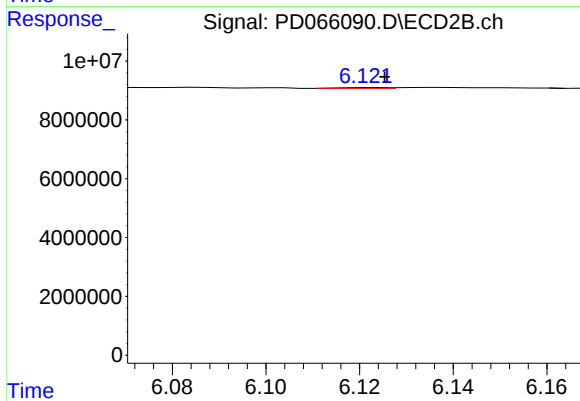
#9 Endosulfan I

R.T.: 6.257 min
Delta R.T.: 0.007 min
Response: 65404
Conc: 0.01 ng/ml



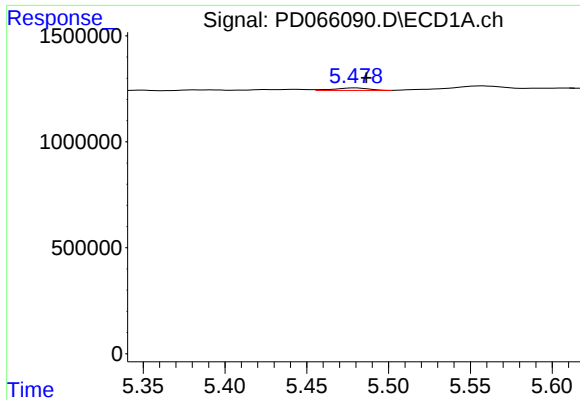
#10 gamma-Chlordane

R.T.: 5.444 min
Delta R.T.: 0.016 min
Response: 121964
Conc: 0.10 ng/ml



#10 gamma-Chlordane

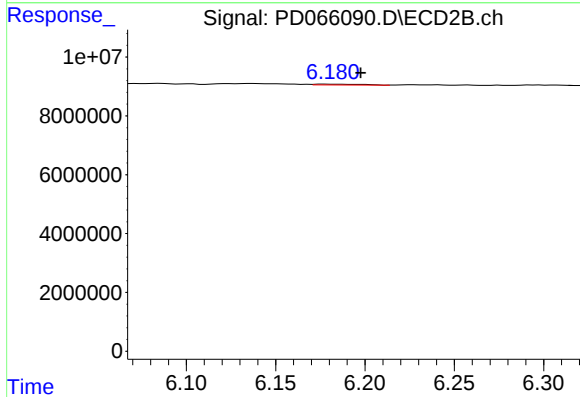
R.T.: 6.122 min
Delta R.T.: -0.003 min
Response: 194840
Conc: 0.03 ng/ml



#11 alpha-Chlordane

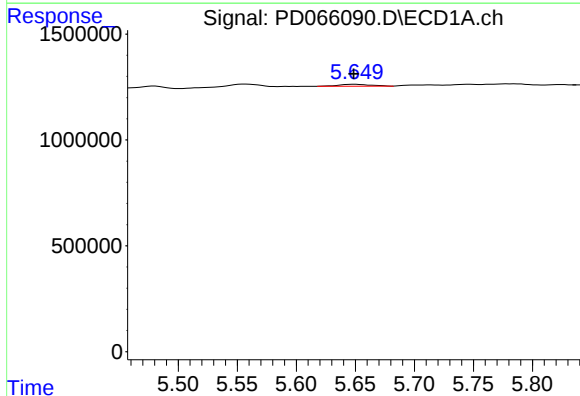
R.T.: 5.480 min
Delta R.T.: -0.007 min
Response: 175026
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



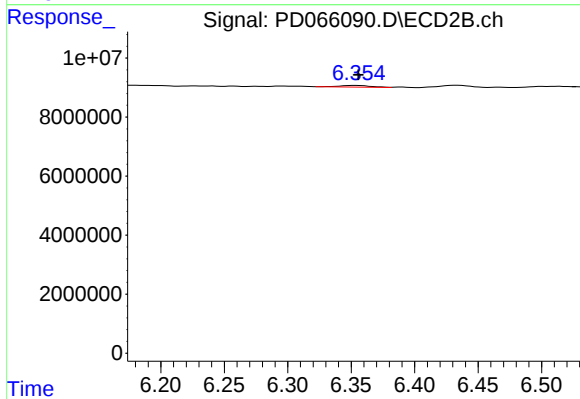
#11 alpha-Chlordane

R.T.: 6.178 min
Delta R.T.: -0.019 min
Response: 466678
Conc: 0.08 ng/ml



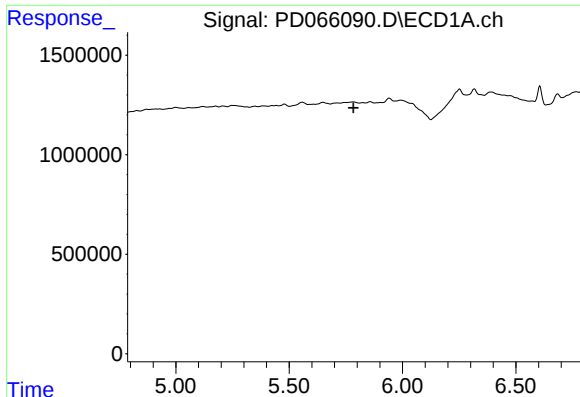
#12 4,4'-DDE

R.T.: 5.650 min
Delta R.T.: 0.001 min
Response: 170746
Conc: 0.16 ng/ml



#12 4,4'-DDE

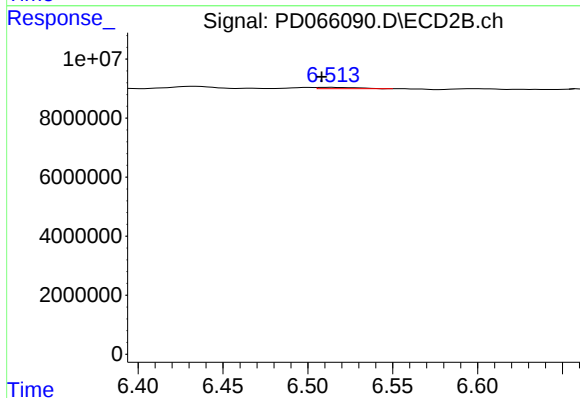
R.T.: 6.354 min
Delta R.T.: -0.002 min
Response: 922136
Conc: 0.16 ng/ml



#13 Dieldrin

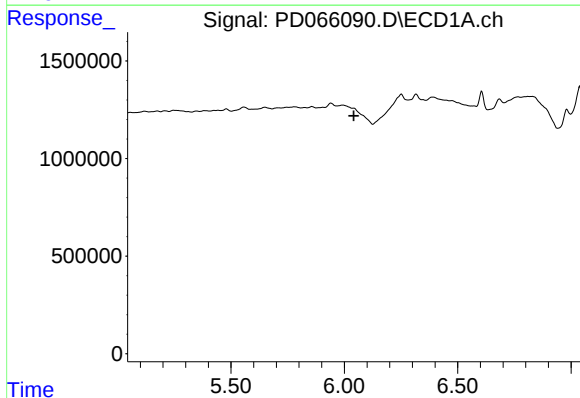
R.T.: 0.000 min
Exp R.T.: 5.784 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



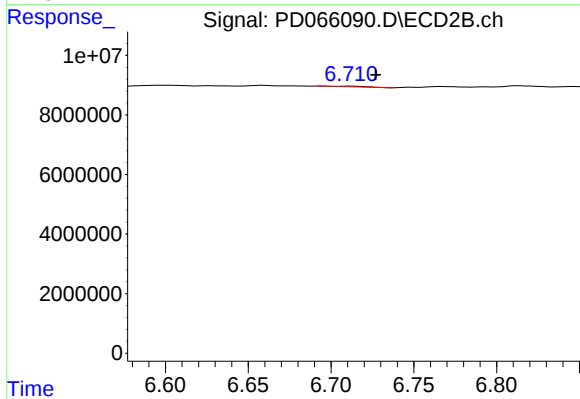
#13 Dieldrin

R.T.: 6.514 min
Delta R.T.: 0.006 min
Response: 711052
Conc: 0.12 ng/ml



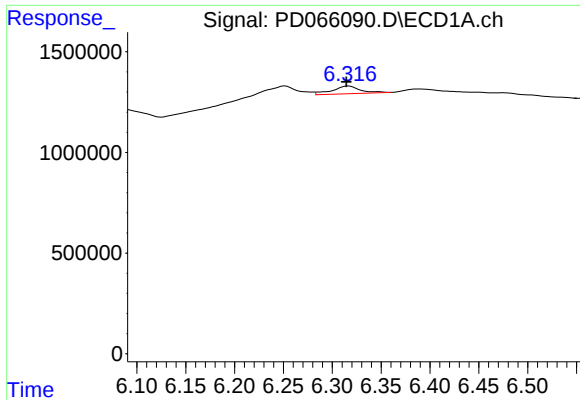
#14 Endrin

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



#14 Endrin

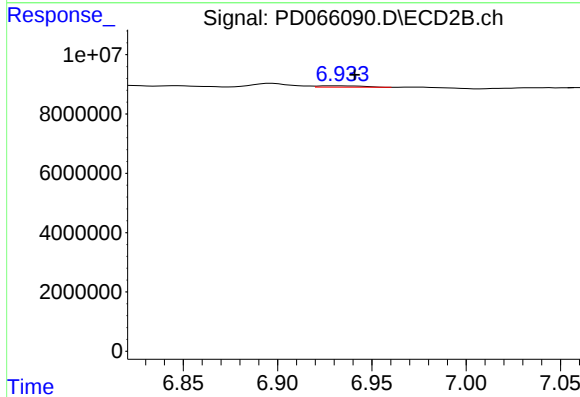
R.T.: 6.712 min
Delta R.T.: -0.015 min
Response: 293602
Conc: 0.06 ng/ml



#15 Endosulfan II

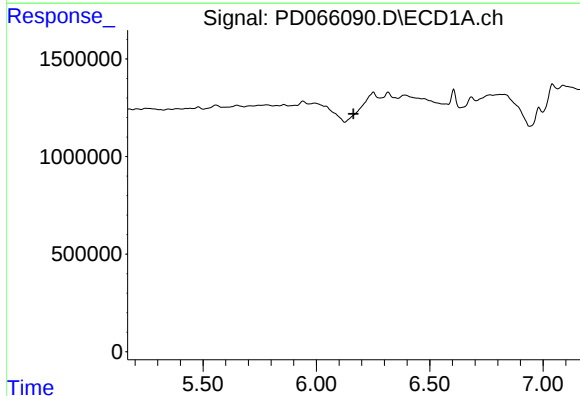
R.T.: 6.317 min
Delta R.T.: 0.003 min
Response: 780907
Conc: 0.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



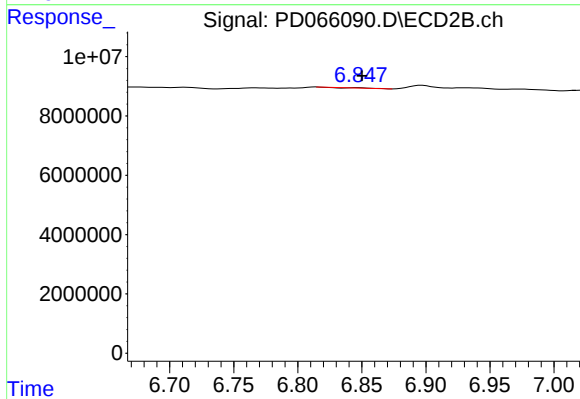
#15 Endosulfan II

R.T.: 6.934 min
Delta R.T.: -0.007 min
Response: 791841
Conc: 0.16 ng/ml



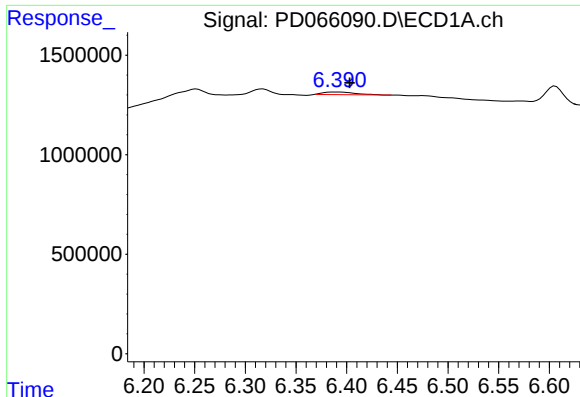
#16 4,4'-DDD

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



#16 4,4'-DDD

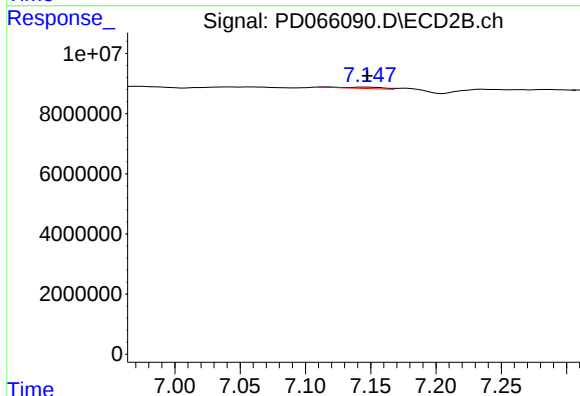
R.T.: 6.846 min
Delta R.T.: -0.005 min
Response: 84308
Conc: 0.02 ng/ml



#17 4,4'-DDT

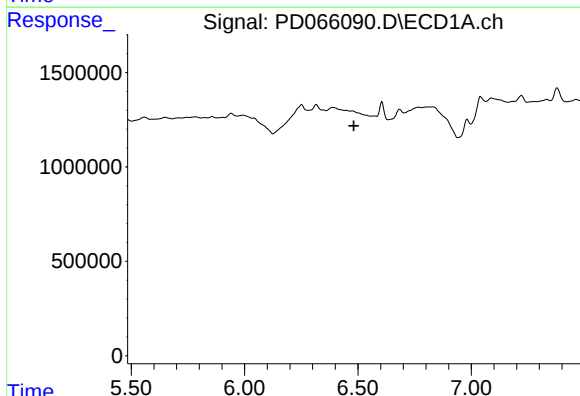
R.T.: 6.389 min
Delta R.T.: -0.014 min
Response: 300879
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



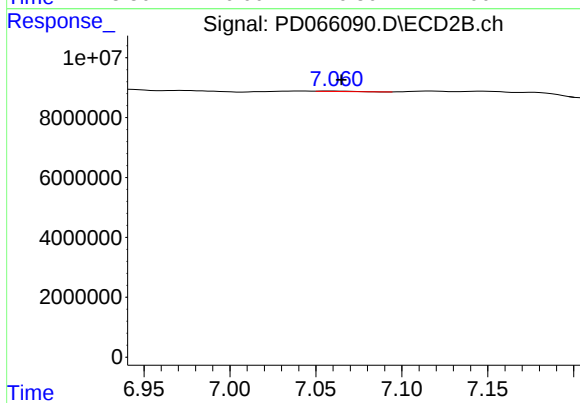
#17 4,4'-DDT

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 917610
Conc: 0.18 ng/ml



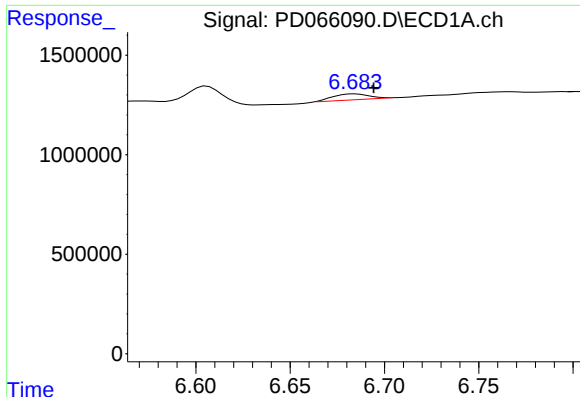
#18 Endrin aldehyde

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



#18 Endrin aldehyde

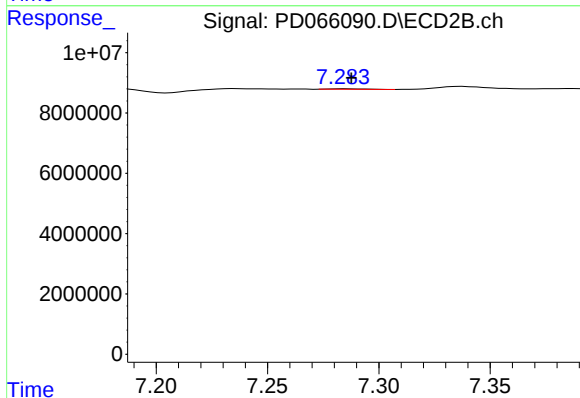
R.T.: 7.059 min
Delta R.T.: -0.006 min
Response: 197099
Conc: 0.05 ng/ml



#19 Endosulfan Sulfate

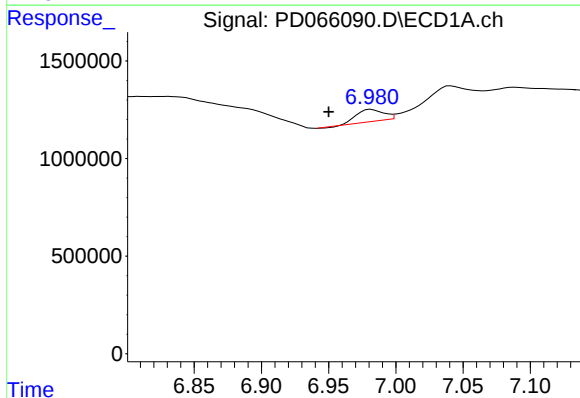
R.T.: 6.684 min
Delta R.T.: -0.010 min
Response: 393588
Conc: 0.34 ng/ml

Instrument :
ECD_D
ClientSampleId :



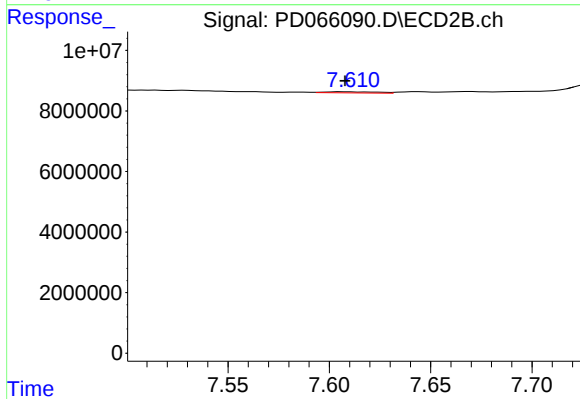
#19 Endosulfan Sulfate

R.T.: 7.284 min
Delta R.T.: -0.004 min
Response: 193194
Conc: 0.04 ng/ml



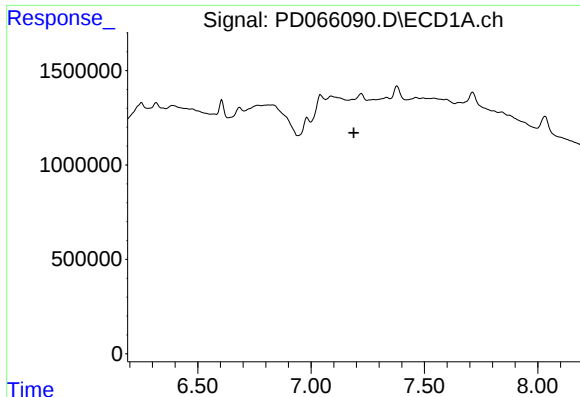
#20 Methoxychlor

R.T.: 6.982 min
Delta R.T.: 0.032 min
Response: 840476
Conc: 1.23 ng/ml



#20 Methoxychlor

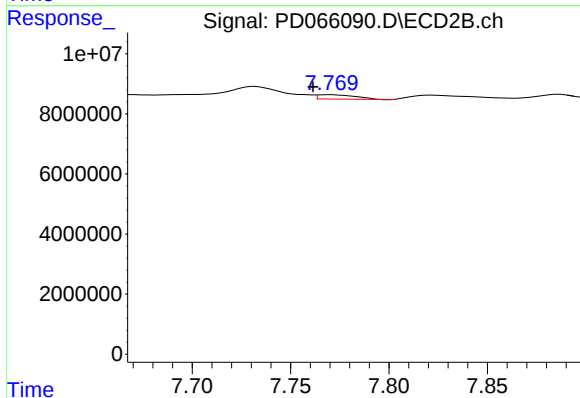
R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 709351
Conc: 0.27 ng/ml



#21 Endrin ketone

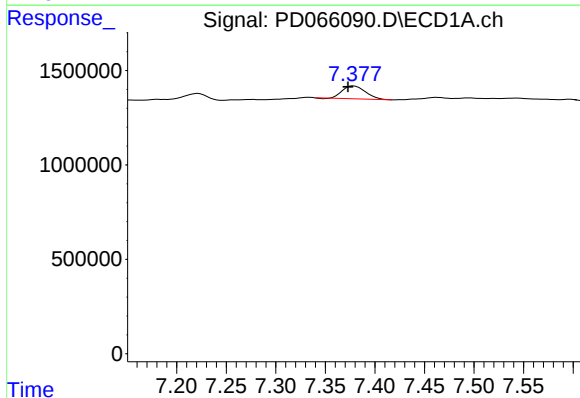
R.T.: 0.000 min
Exp R.T.: 7.189 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



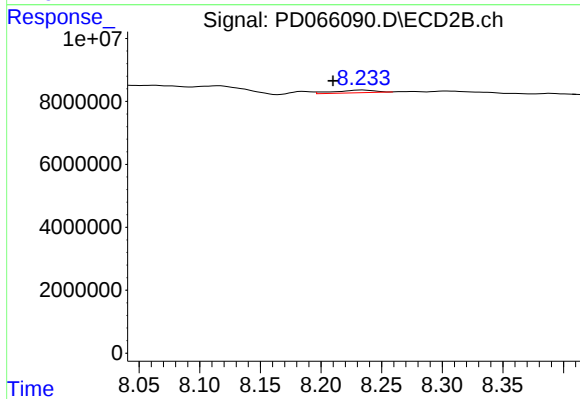
#21 Endrin ketone

R.T.: 7.771 min
Delta R.T.: 0.009 min
Response: 1814071
Conc: 0.32 ng/ml



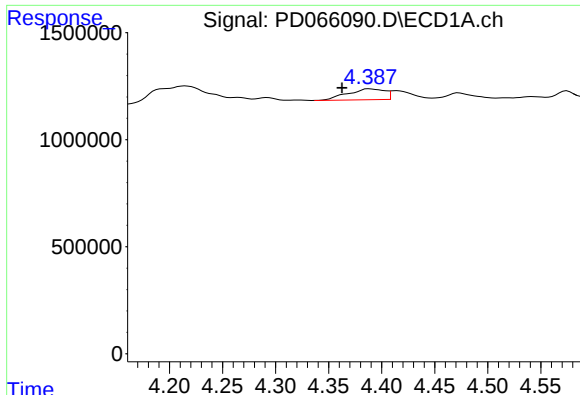
#22 Mirex

R.T.: 7.379 min
Delta R.T.: 0.006 min
Response: 1083253
Conc: 0.90 ng/ml



#22 Mirex

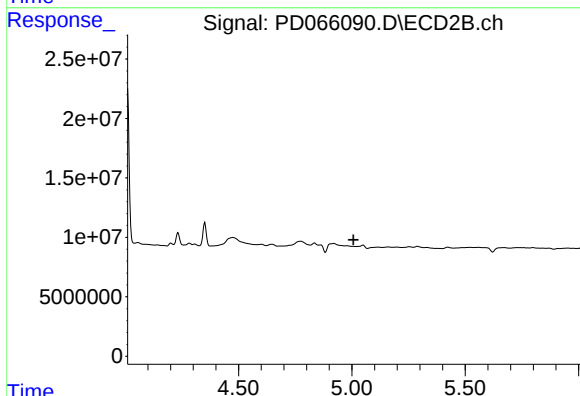
R.T.: 8.234 min
Delta R.T.: 0.024 min
Response: 1986009
Conc: 0.50 ng/ml



#23 Chlordane-1

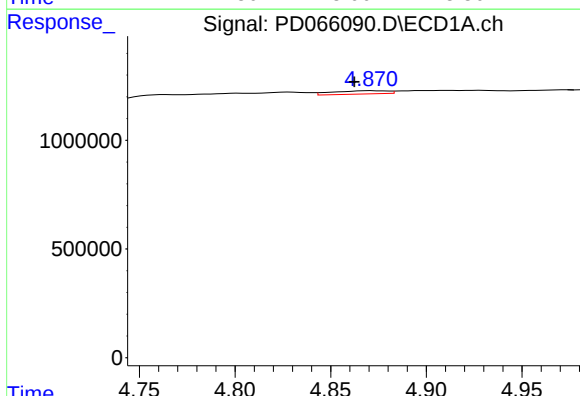
R.T.: 4.388 min
Delta R.T.: 0.026 min
Response: 1233026
Conc: 36.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



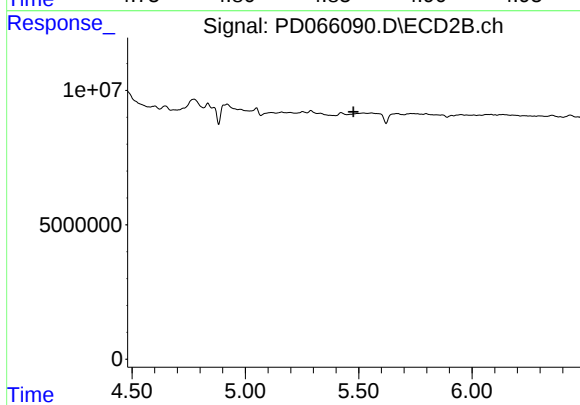
#23 Chlordane-1

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



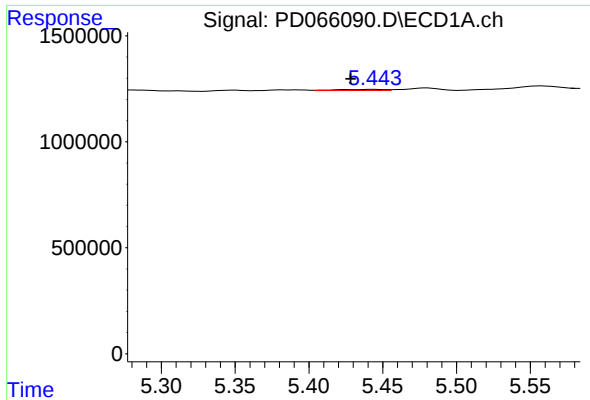
#24 Chlordane-2

R.T.: 4.871 min
Delta R.T.: 0.009 min
Response: 305866
Conc: 7.53 ng/ml



#24 Chlordane-2

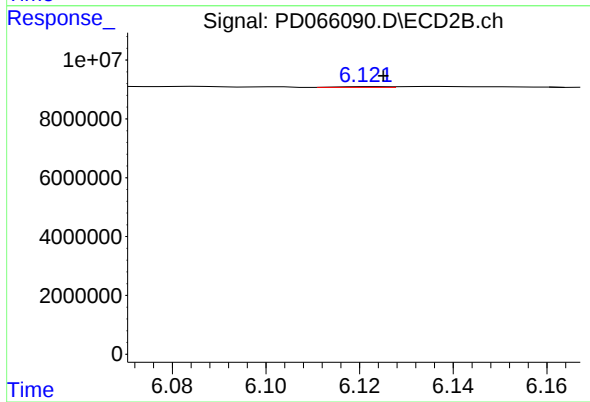
R.T.: 0.000 min
Exp R.T. : 5.477 min
Response: 0
Conc: N.D.



#25 Chlordane-3

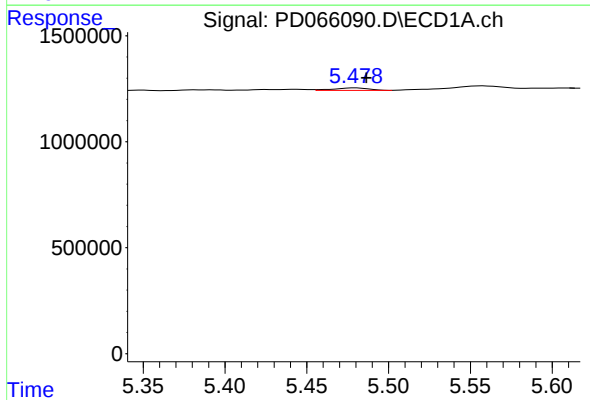
R.T.: 5.444 min
Delta R.T.: 0.016 min
Response: 121964
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



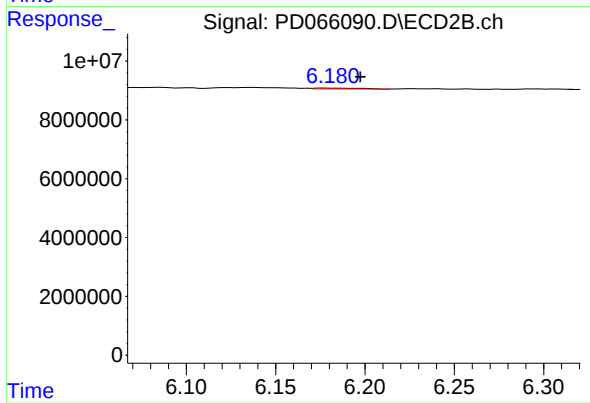
#25 Chlordane-3

R.T.: 6.122 min
Delta R.T.: -0.003 min
Response: 194840
Conc: 0.24 ng/ml



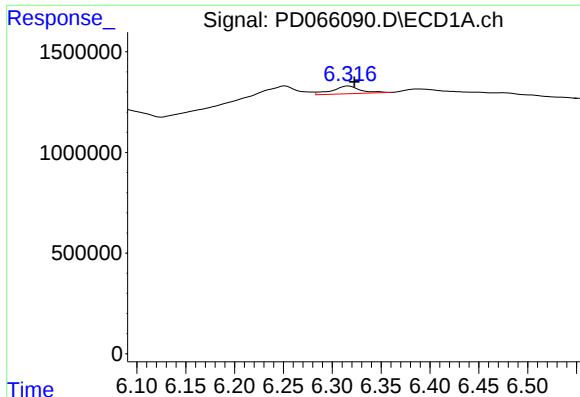
#26 Chlordane-4

R.T.: 5.480 min
Delta R.T.: -0.007 min
Response: 175026
Conc: 1.77 ng/ml



#26 Chlordane-4

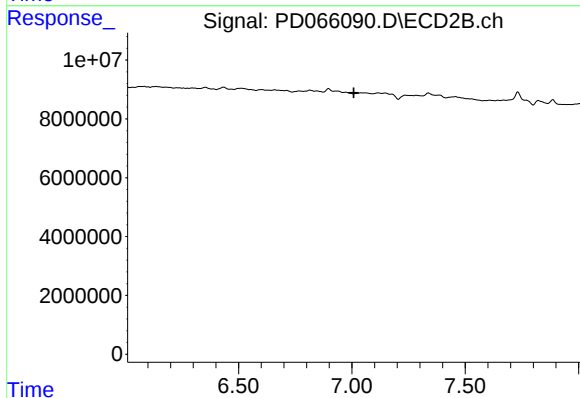
R.T.: 6.178 min
Delta R.T.: -0.019 min
Response: 466678
Conc: 0.49 ng/ml



#27 Chlordane-5

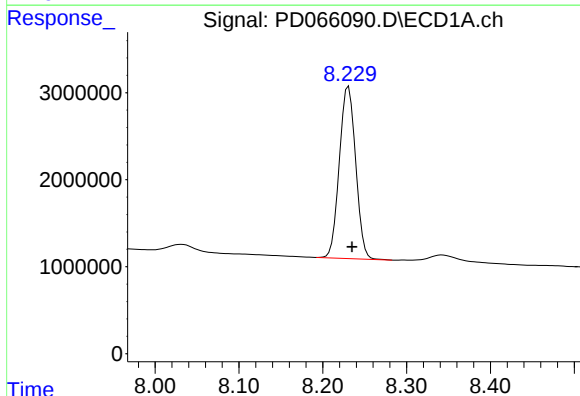
R.T.: 6.317 min
Delta R.T.: -0.006 min
Response: 780907
Conc: 16.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



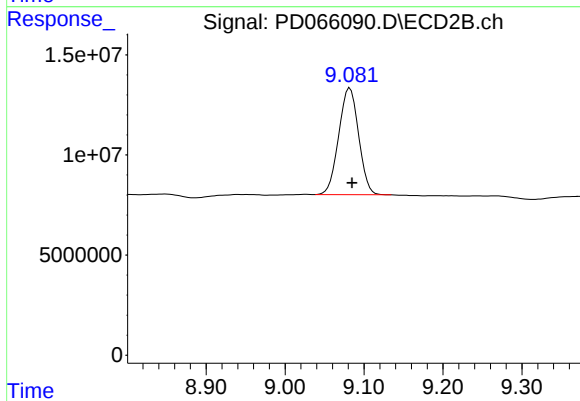
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.008 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.231 min
Delta R.T.: -0.004 min
Response: 26763185
Conc: 19.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: -0.003 min
Response: 93428432
Conc: 24.14 ng/ml