

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100621\
 Data File : PD066039.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2021 14:54
 Operator : AR\AJ
 Sample : M4047-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

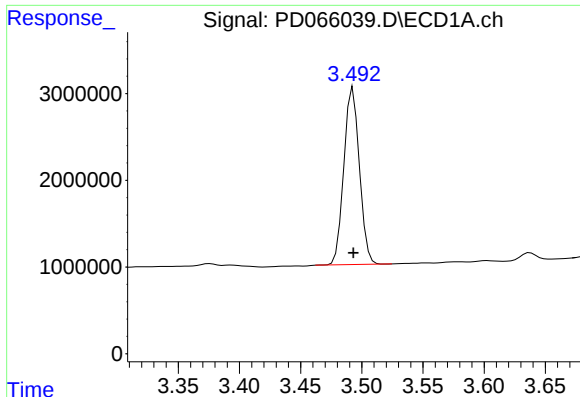
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 06 22:24:15 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 23 12:18:33 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.493	4.010	18071545	127.4E6	24.403	22.180
2)	SA Decachlor...	8.232	9.081	24594884	80805677	18.006	20.879
Target Compounds							
2)	A alpha-BHC	3.941	4.408	305682	16875451	0.272	2.007 #
3)	MA gamma-BHC...	4.220	4.689	993003	115787	0.886	0.015 #
4)	MA Heptachlor	4.543f	5.220f	144514	1032193	0.121	0.142
5)	MB Aldrin	0.000	5.507	0	5572601	N.D.	0.828 #
6)	B beta-BHC	4.472	4.886f	301588	4354195	0.528	1.178 #
8)	B Heptachlo...	5.213	0.000	107164	0	0.096	N.D. #
9)	A Endosulfan I	5.550	6.248	272113	794453	0.250	0.144 #
10)	B gamma-Chl...	5.450f	6.128	475190	1706420	0.394	0.285 #
11)	B alpha-Chl...	5.481	6.188	337122	676940	0.285	0.113 #
12)	B 4,4'-DDE	5.661	6.379f	865979	2452887	0.796	0.425 #
13)	MA Dieldrin	5.785	6.506	176803	521252	0.153	0.088 #
14)	MA Endrin	6.047	0.000	455050	0	0.430	N.D. #
15)	B Endosulfa...	6.321	6.941	401848	1158569	0.372	0.239 #
17)	MA 4,4'-DDT	6.404	7.156	207246	3512157	0.188	0.695 #
18)	B Endrin al...	6.449f	7.056	69832	658324	0.079	0.168 #
20)	A Methoxychlor	0.000	7.627f	0	140369	N.D.	0.053 #
21)	B Endrin ke...	0.000	7.760	0	160018	N.D.	0.028 #
22)	Mirex	7.379	8.209	202168	196273	0.167	0.050 #
23)	Chlordane-1	4.362	4.986f	778524	1797846	23.241	8.120 #
24)	Chlordane-2	4.857	5.507f	780796	5572601	19.226	24.091 #
25)	Chlordane-3	5.450f	6.128	475190	1706420	4.033	2.081 #
26)	Chlordane-4	5.481	6.188	337122	676940	3.413	0.706 #
27)	Chlordane-5	6.321	7.023	401848	224088	8.268	1.206 #

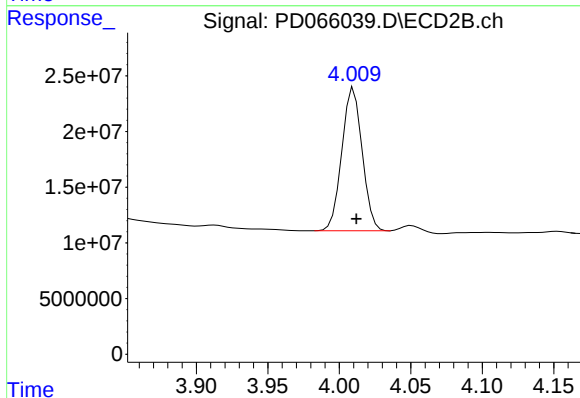
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

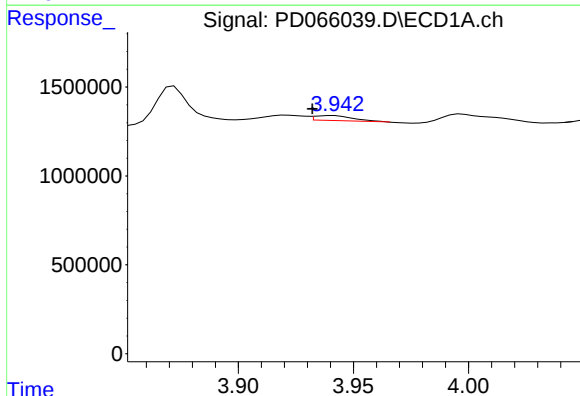
R.T.: 3.493 min
Delta R.T.: 0.000 min
Response: 18071545
Conc: 24.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



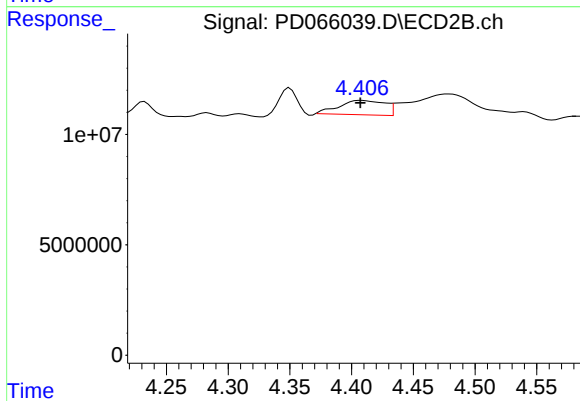
#1 Tetrachloro-m-xylene

R.T.: 4.010 min
Delta R.T.: -0.002 min
Response: 127359575
Conc: 22.18 ng/ml



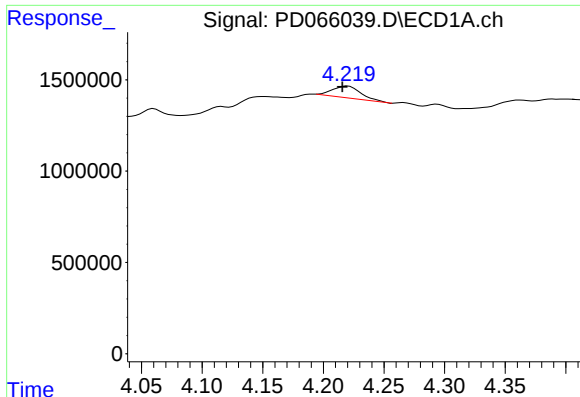
#2 alpha-BHC

R.T.: 3.941 min
Delta R.T.: 0.009 min
Response: 305682
Conc: 0.27 ng/ml



#2 alpha-BHC

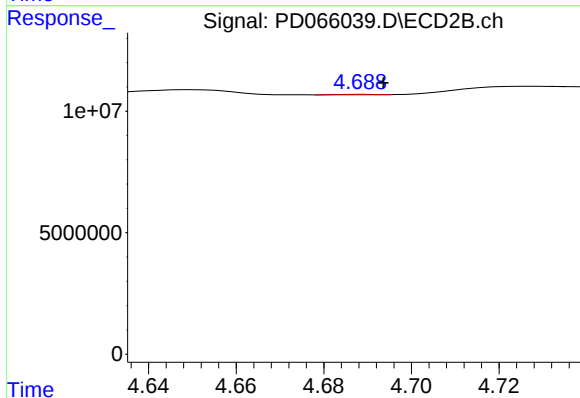
R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 16875451
Conc: 2.01 ng/ml



#3 gamma-BHC (Lindane)

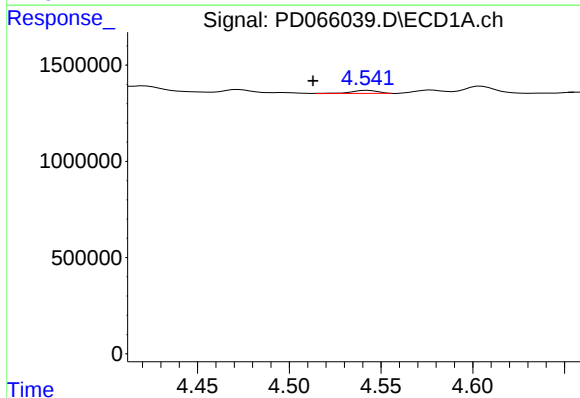
R.T.: 4.220 min
Delta R.T.: 0.004 min
Response: 993003
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :



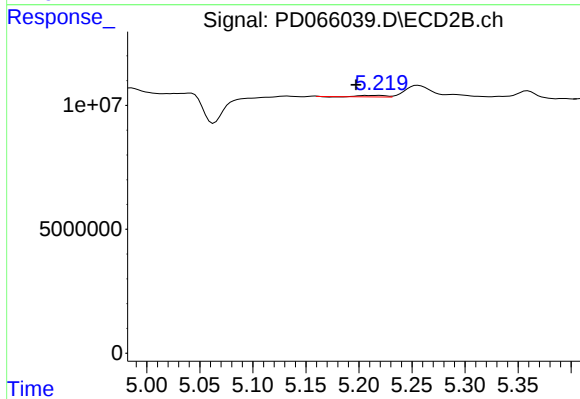
#3 gamma-BHC (Lindane)

R.T.: 4.689 min
Delta R.T.: -0.005 min
Response: 115787
Conc: 0.01 ng/ml



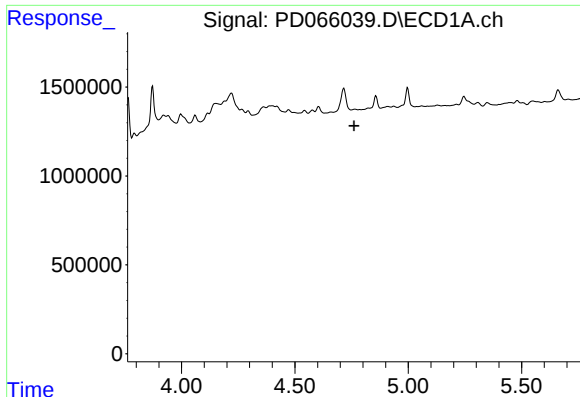
#4 Heptachlor

R.T.: 4.543 min
Delta R.T.: 0.030 min
Response: 144514
Conc: 0.12 ng/ml



#4 Heptachlor

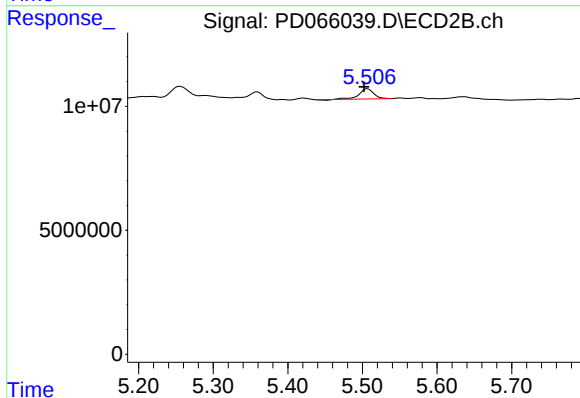
R.T.: 5.220 min
Delta R.T.: 0.023 min
Response: 1032193
Conc: 0.14 ng/ml



#5 Aldrin

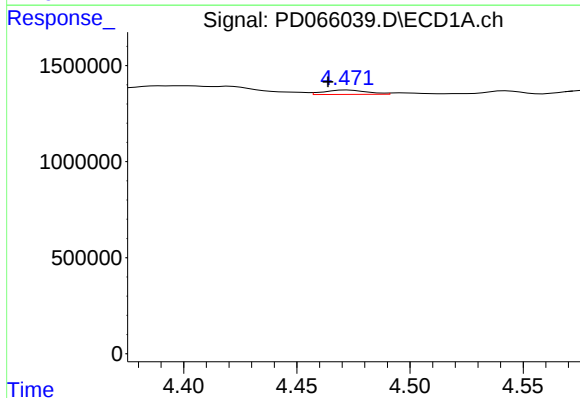
R.T.: 0.000 min
Exp R.T.: 4.761 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



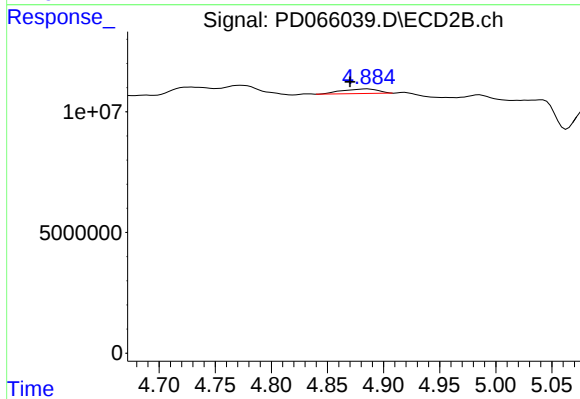
#5 Aldrin

R.T.: 5.507 min
Delta R.T.: 0.005 min
Response: 5572601
Conc: 0.83 ng/ml



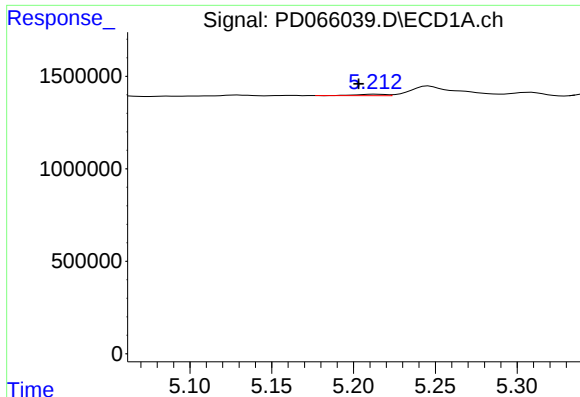
#6 beta-BHC

R.T.: 4.472 min
Delta R.T.: 0.009 min
Response: 301588
Conc: 0.53 ng/ml



#6 beta-BHC

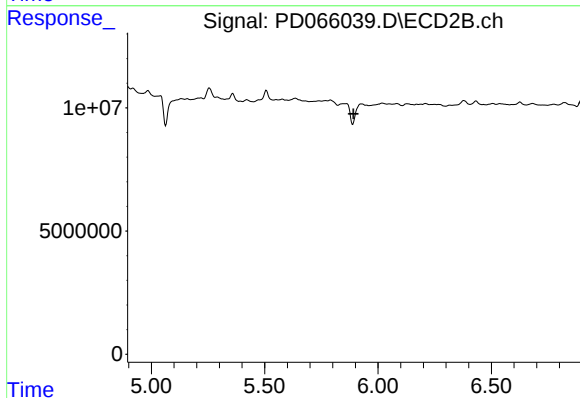
R.T.: 4.886 min
Delta R.T.: 0.016 min
Response: 4354195
Conc: 1.18 ng/ml



#8 Heptachlor epoxide

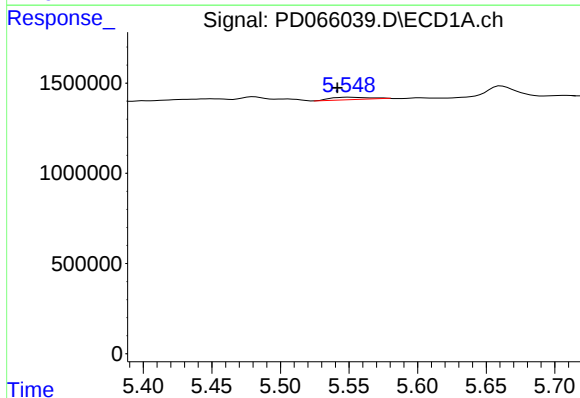
R.T.: 5.213 min
Delta R.T.: 0.010 min
Response: 107164
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



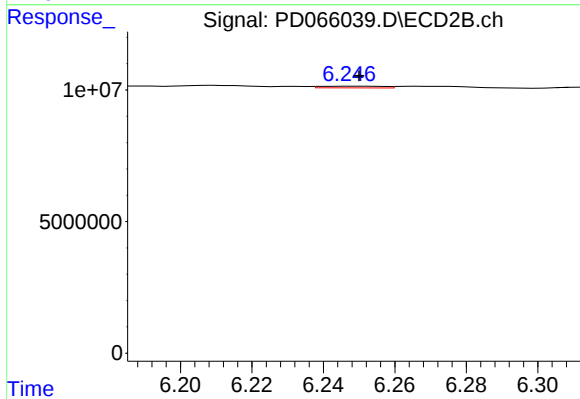
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.892 min
Response: 0
Conc: N.D.



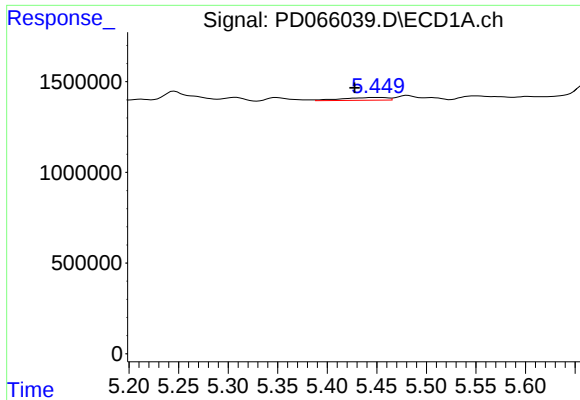
#9 Endosulfan I

R.T.: 5.550 min
Delta R.T.: 0.008 min
Response: 272113
Conc: 0.25 ng/ml



#9 Endosulfan I

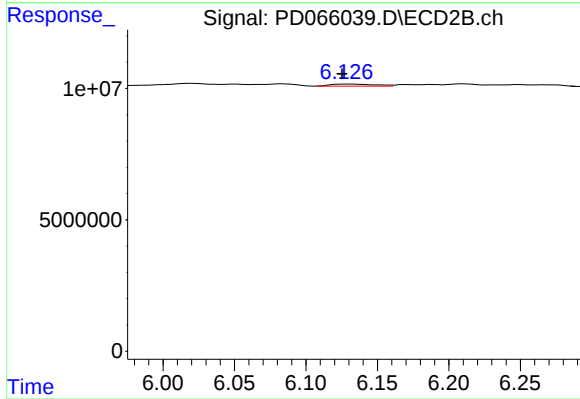
R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 794453
Conc: 0.14 ng/ml



#10 gamma-Chlordane

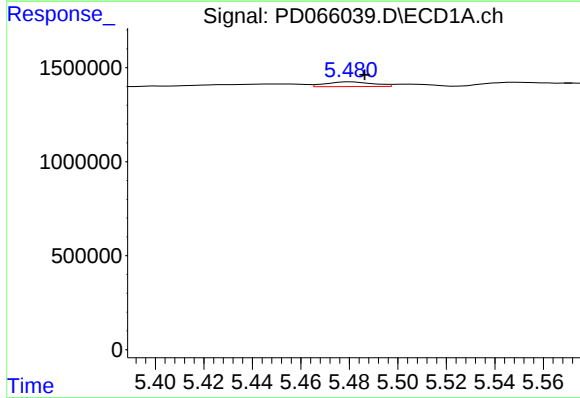
R.T.: 5.450 min
Delta R.T.: 0.022 min
Response: 475190
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



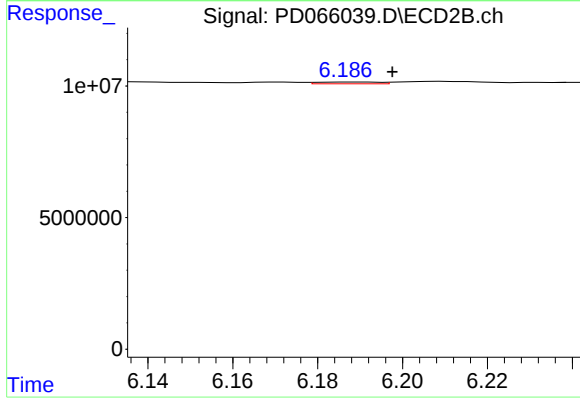
#10 gamma-Chlordane

R.T.: 6.128 min
Delta R.T.: 0.003 min
Response: 1706420
Conc: 0.28 ng/ml



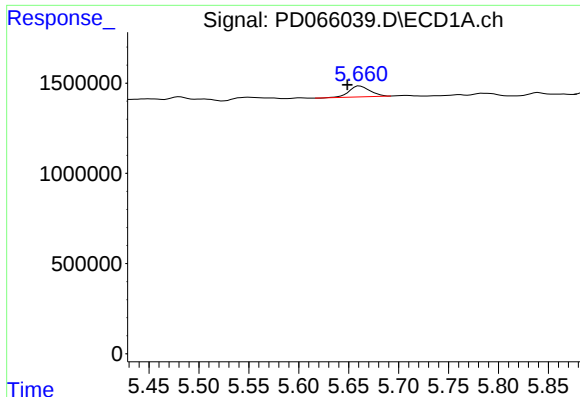
#11 alpha-Chlordane

R.T.: 5.481 min
Delta R.T.: -0.005 min
Response: 337122
Conc: 0.28 ng/ml



#11 alpha-Chlordane

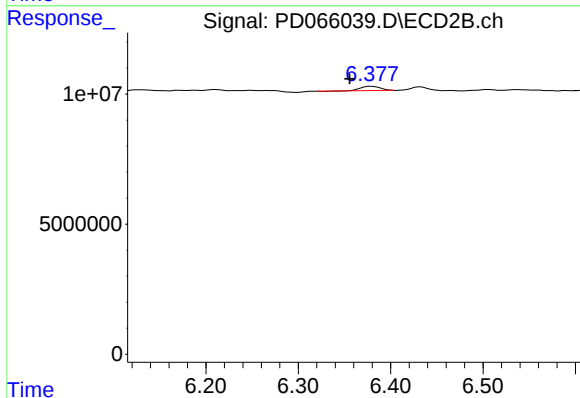
R.T.: 6.188 min
Delta R.T.: -0.010 min
Response: 676940
Conc: 0.11 ng/ml



#12 4,4'-DDE

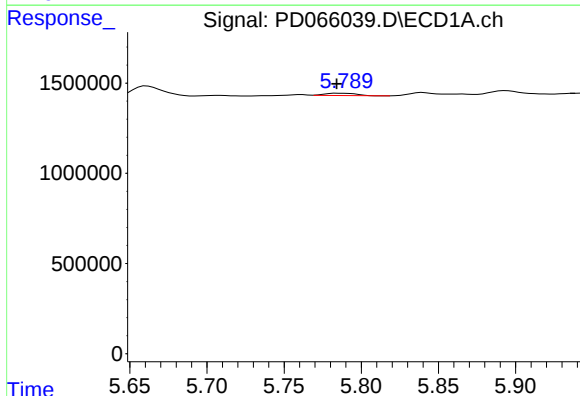
R.T.: 5.661 min
Delta R.T.: 0.013 min
Response: 865979
Conc: 0.80 ng/ml

Instrument :
ECD_D
ClientSampleId :



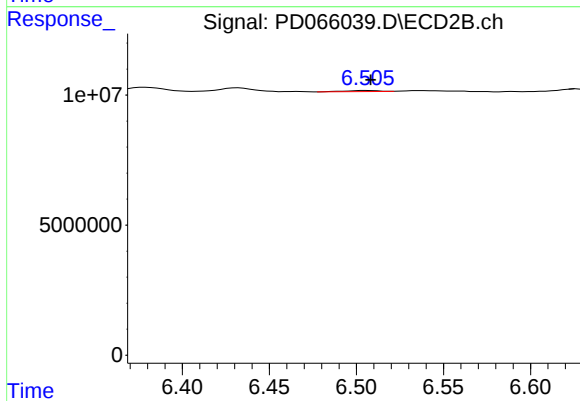
#12 4,4'-DDE

R.T.: 6.379 min
Delta R.T.: 0.023 min
Response: 2452887
Conc: 0.43 ng/ml



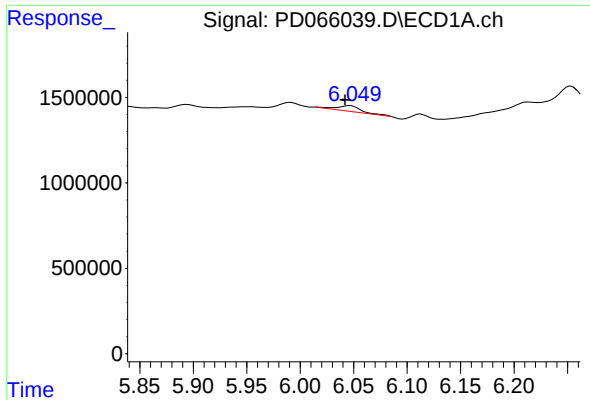
#13 Dieldrin

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 176803
Conc: 0.15 ng/ml



#13 Dieldrin

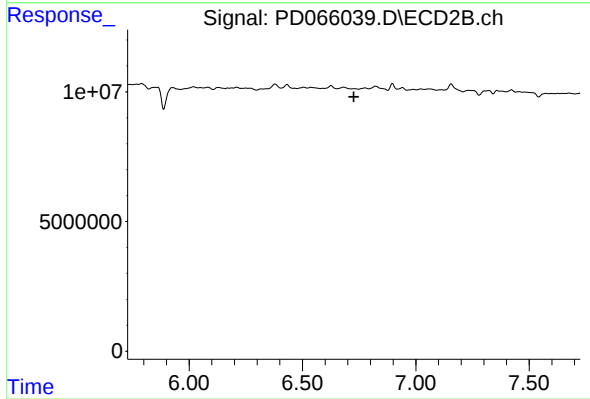
R.T.: 6.506 min
Delta R.T.: -0.002 min
Response: 521252
Conc: 0.09 ng/ml



#14 Endrin

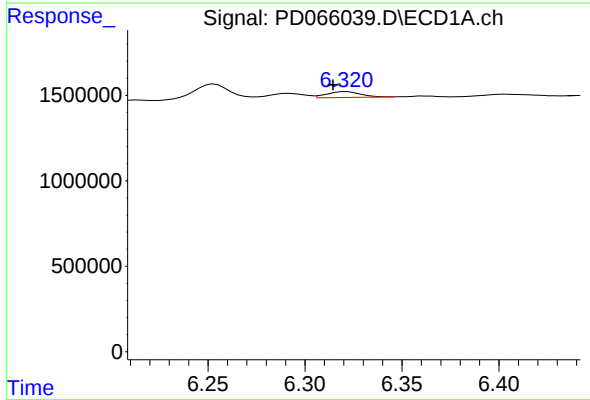
R.T.: 6.047 min
Delta R.T.: 0.005 min
Response: 455050
Conc: 0.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



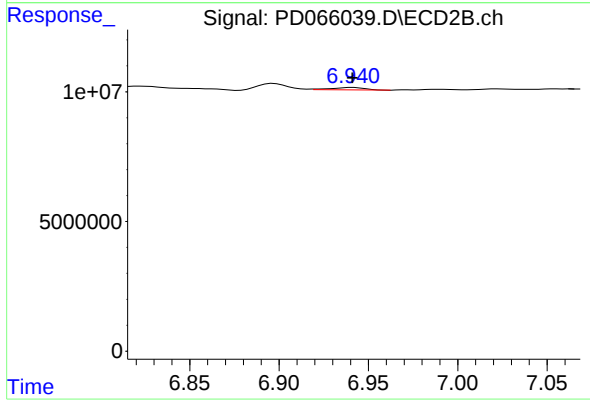
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.727 min
Response: 0
Conc: N.D.



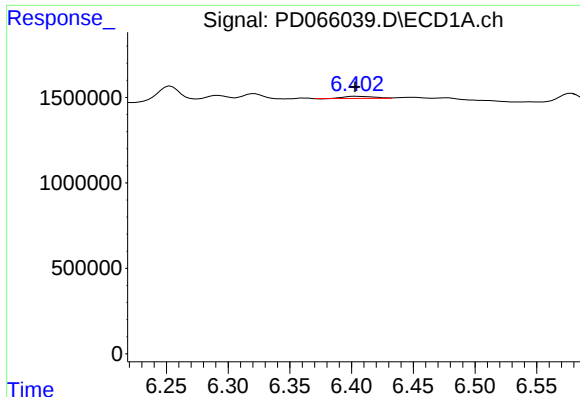
#15 Endosulfan II

R.T.: 6.321 min
Delta R.T.: 0.007 min
Response: 401848
Conc: 0.37 ng/ml



#15 Endosulfan II

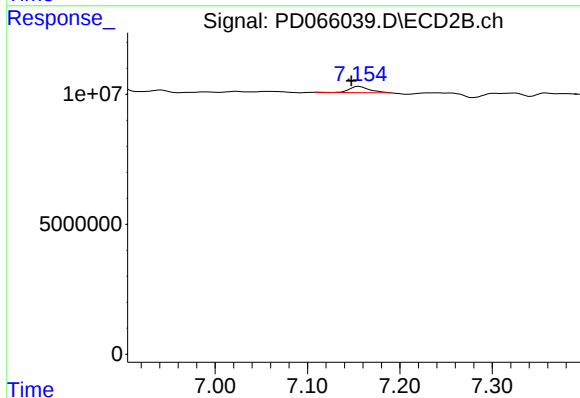
R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 1158569
Conc: 0.24 ng/ml



#17 4,4'-DDT

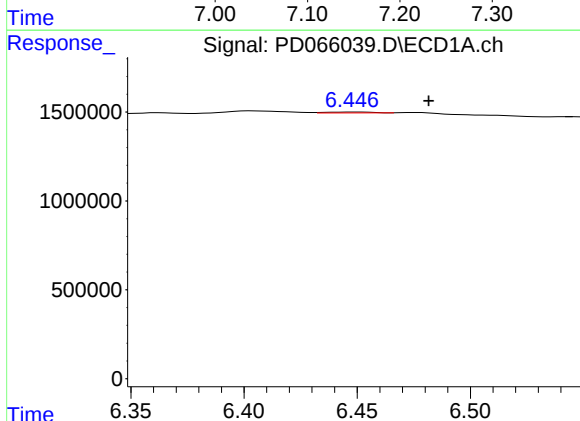
R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 207246
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



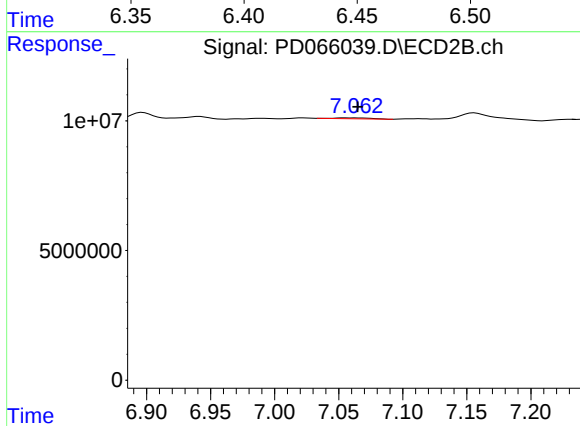
#17 4,4'-DDT

R.T.: 7.156 min
Delta R.T.: 0.008 min
Response: 3512157
Conc: 0.70 ng/ml



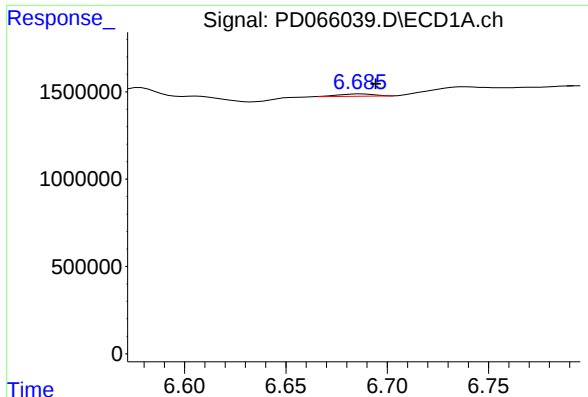
#18 Endrin aldehyde

R.T.: 6.449 min
Delta R.T.: -0.032 min
Response: 69832
Conc: 0.08 ng/ml



#18 Endrin aldehyde

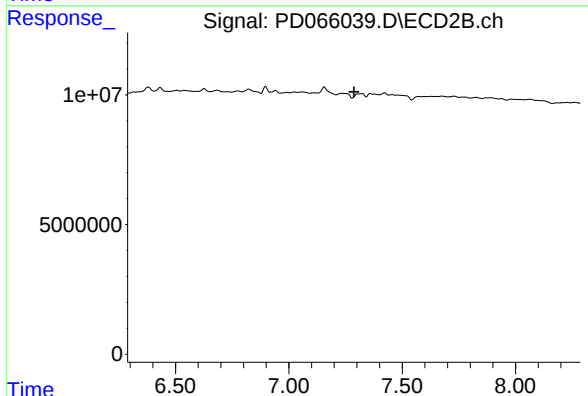
R.T.: 7.056 min
Delta R.T.: -0.009 min
Response: 658324
Conc: 0.17 ng/ml



#19 Endosulfan Sulfate

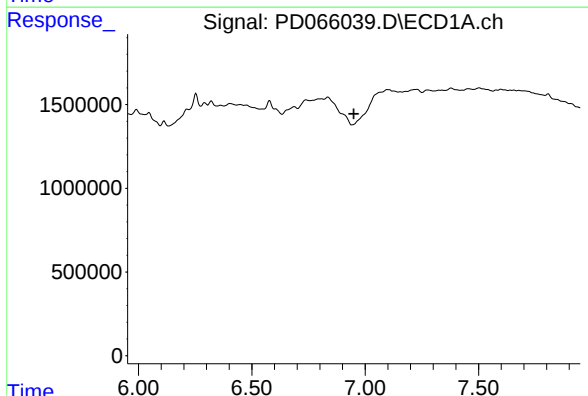
R.T.: 6.687 min
Delta R.T.: -0.007 min
Response: 157979
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



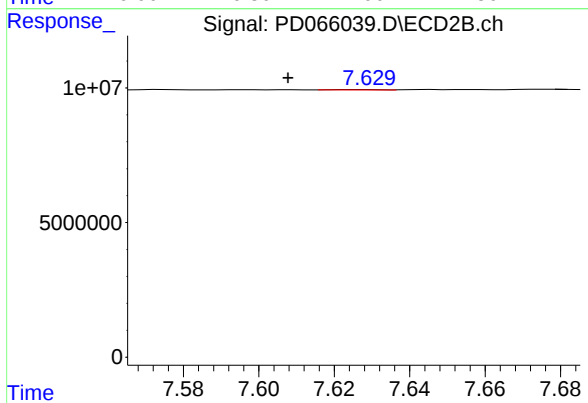
#19 Endosulfan Sulfate

R.T.: 7.303 min
Delta R.T.: 0.016 min
Response: -1219498
Conc: N.D.



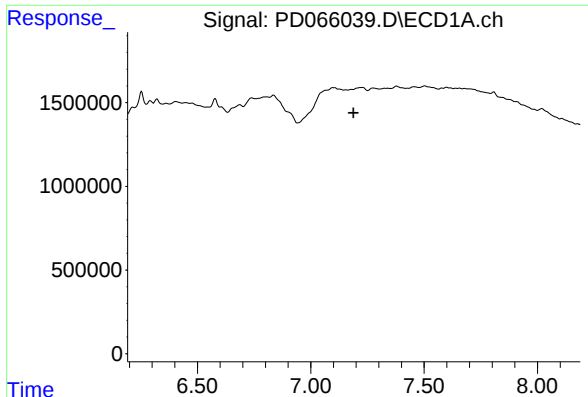
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 6.950 min
Response: 0
Conc: N.D.



#20 Methoxychlor

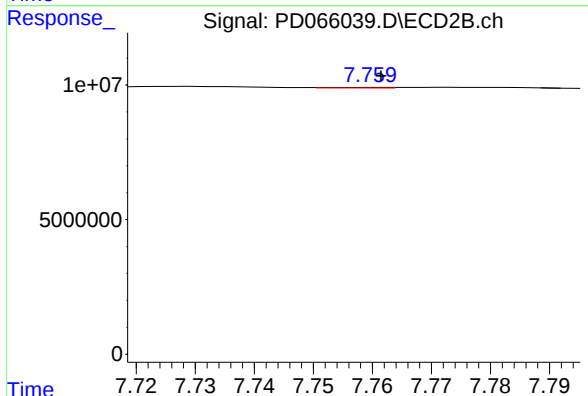
R.T.: 7.627 min
Delta R.T.: 0.020 min
Response: 140369
Conc: 0.05 ng/ml



#21 Endrin ketone

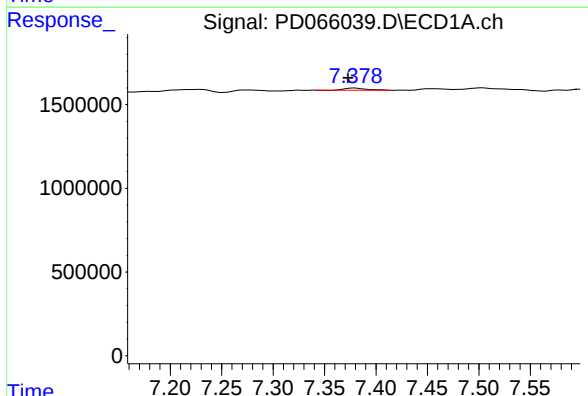
R.T.: 0.000 min
Exp R.T.: 7.189 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



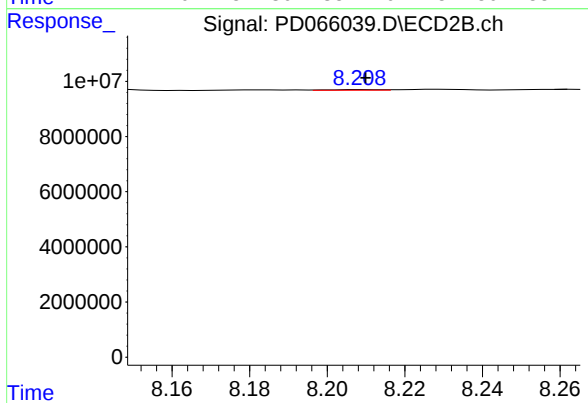
#21 Endrin ketone

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 160018
Conc: 0.03 ng/ml



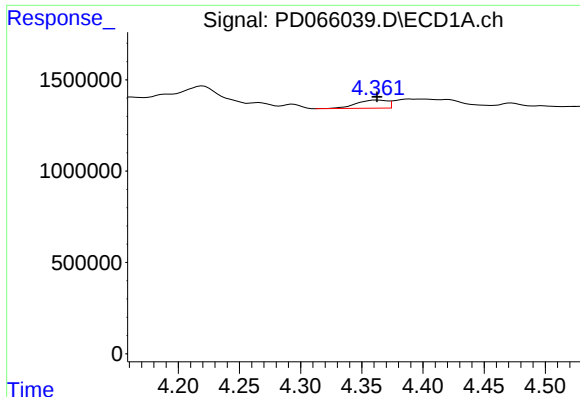
#22 Mirex

R.T.: 7.379 min
Delta R.T.: 0.006 min
Response: 202168
Conc: 0.17 ng/ml



#22 Mirex

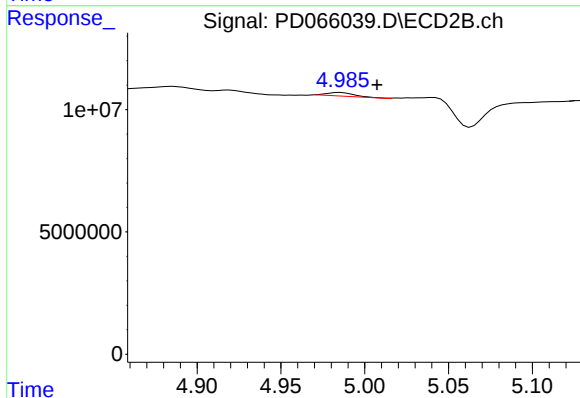
R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 196273
Conc: 0.05 ng/ml



#23 Chlordane-1

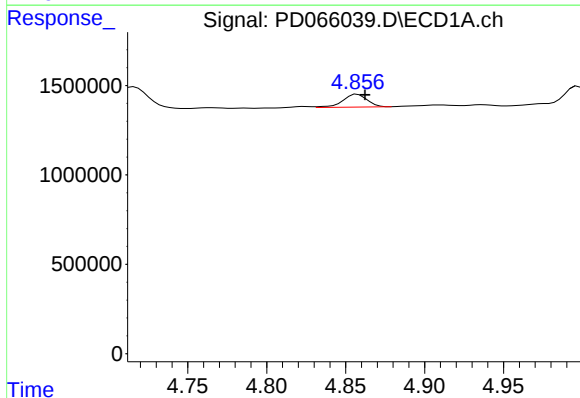
R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 778524
Conc: 23.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



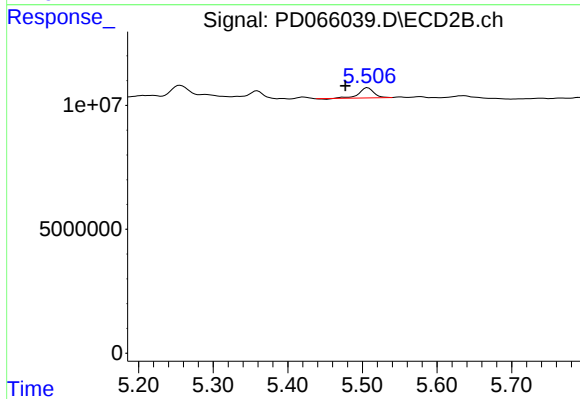
#23 Chlordane-1

R.T.: 4.986 min
Delta R.T.: -0.022 min
Response: 1797846
Conc: 8.12 ng/ml



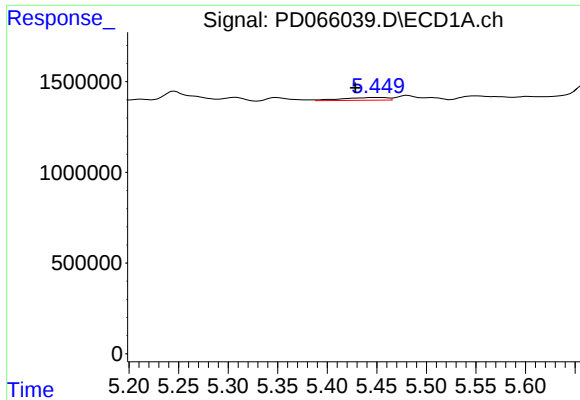
#24 Chlordane-2

R.T.: 4.857 min
Delta R.T.: -0.005 min
Response: 780796
Conc: 19.23 ng/ml



#24 Chlordane-2

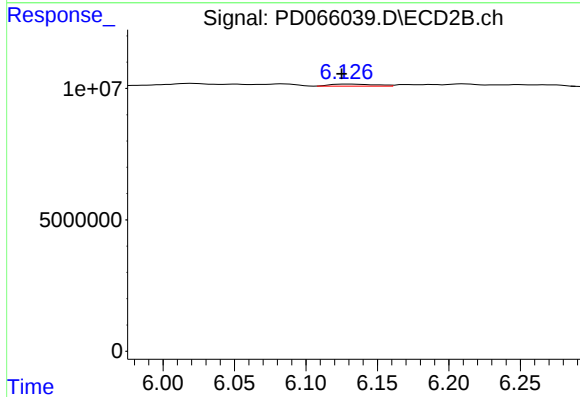
R.T.: 5.507 min
Delta R.T.: 0.030 min
Response: 5572601
Conc: 24.09 ng/ml



#25 Chlordane-3

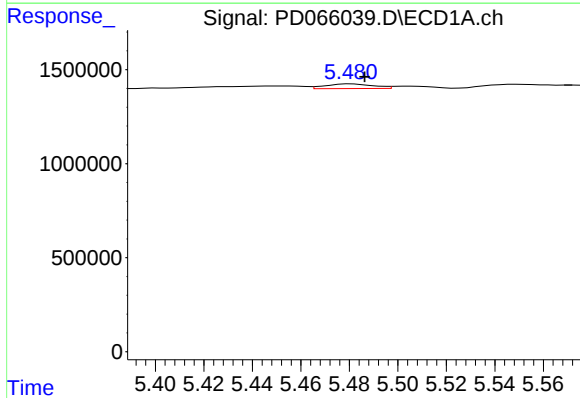
R.T.: 5.450 min
Delta R.T.: 0.022 min
Response: 475190
Conc: 4.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



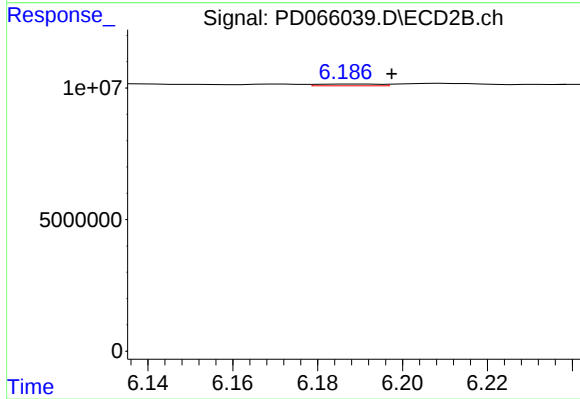
#25 Chlordane-3

R.T.: 6.128 min
Delta R.T.: 0.003 min
Response: 1706420
Conc: 2.08 ng/ml



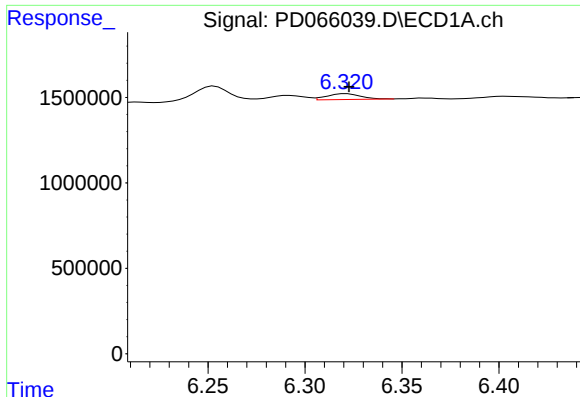
#26 Chlordane-4

R.T.: 5.481 min
Delta R.T.: -0.005 min
Response: 337122
Conc: 3.41 ng/ml



#26 Chlordane-4

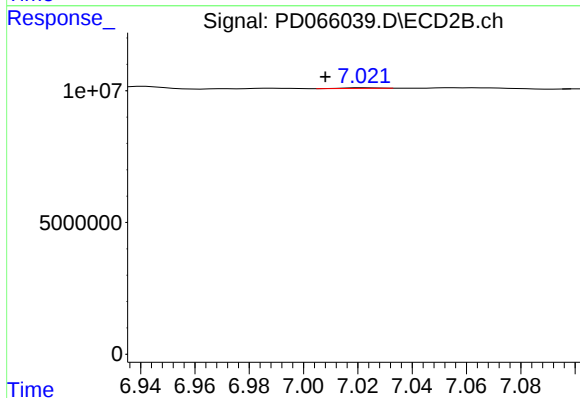
R.T.: 6.188 min
Delta R.T.: -0.010 min
Response: 676940
Conc: 0.71 ng/ml



#27 Chlordane-5

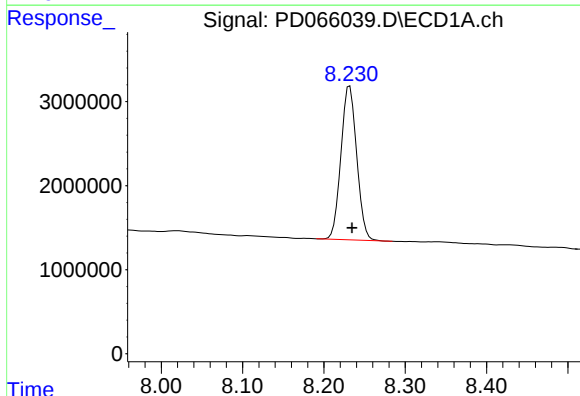
R.T.: 6.321 min
Delta R.T.: -0.001 min
Response: 401848
Conc: 8.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



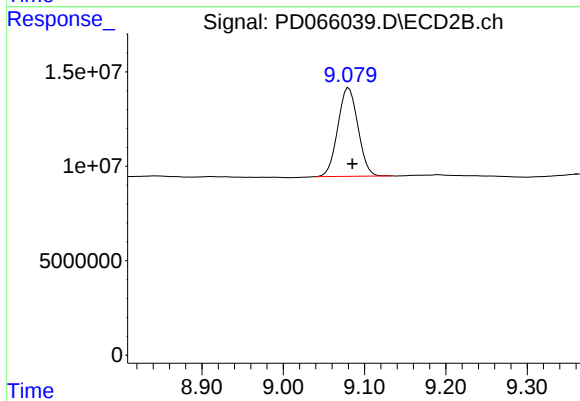
#27 Chlordane-5

R.T.: 7.023 min
Delta R.T.: 0.015 min
Response: 224088
Conc: 1.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.232 min
Delta R.T.: -0.003 min
Response: 24594884
Conc: 18.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: -0.004 min
Response: 80805677
Conc: 20.88 ng/ml