

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121021\
 Data File : PD067261.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Dec 2021 13:50
 Operator : AR\AJ
 Sample : M4979-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

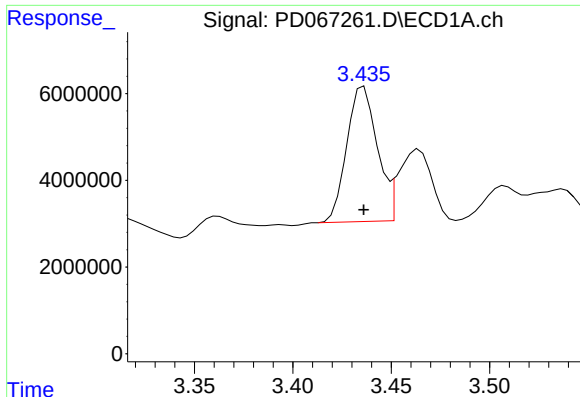
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 10 21:53:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD113021.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 17:33:19 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.436	3.965	33553227	86280600	16.238	11.887 #
28)	SA Decachlor...	8.158	9.020	11912669	20444736	10.514	4.067 #
Target Compounds							
2)	A alpha-BHC	3.887	4.373	3468919	21468331	1.033	2.063 #
3)	MA gamma-BHC...	4.161	4.653	1721549	10925780	0.536	1.146 #
4)	MA Heptachlor	4.440	5.138	27080977	7202693	8.324	0.800 #
5)	MB Aldrin	4.689	5.442	4447205	36065055	1.397	4.290 #
6)	B beta-BHC	4.391	4.811	40929897	51568831	29.985	11.698 #
7)	B delta-BHC	4.626f	5.036	12456060	14316852	4.165	1.560 #
8)	B Heptachlo...	5.119	0.000	5769179	0	2.003	N.D. #
9)	A Endosulfan I	5.471	6.184	4878139	5379213	1.871	0.773 #
10)	B gamma-Chl...	5.363	6.071	26836795	15727426	9.228	2.137 #
11)	B alpha-Chl...	5.413	6.140	28320801	14690742	9.969	2.017 #
12)	B 4,4'-DDE	5.580	6.283f	2432981	1264813	0.907	0.183 #
13)	MA Dieldrin	5.719	6.448	-1798068	31284284	N.D.	4.266
14)	MA Endrin	5.973	6.680	21428788	60306272	9.385	10.741
15)	B Endosulfa...	6.237	6.862f	12111077	183.0E6	5.406	30.494 #
16)	A 4,4'-DDD	6.100	6.809	14860964	49683562	7.071	8.496
17)	MA 4,4'-DDT	6.328	7.093	3558823	17676975	1.682	2.962 #
18)	B Endrin al...	6.400	6.995	5456061	19071788	3.263	4.067
19)	B Endosulfa...	6.609	7.242	4266568	-4048069	2.104	N.D. #
20)	A Methoxychlor	6.888	7.557	-640977	14619661	N.D.	4.539
21)	B Endrin ke...	7.145f	7.710	9149923	2146422	4.039	0.297 #
22)	Mirex	7.295	8.172f	4550834	19330480	2.837	3.947 #
23)	Chlordane-1	4.303	4.936f	44760232	14258902	552.571	56.714 #
24)	Chlordane-2	4.771f	5.415	5142753	12220042	54.041	45.810
25)	Chlordane-3	5.363	6.071	26836795	15727426	97.495	16.464 #
26)	Chlordane-4	5.413	6.140	28320801	14690742	124.071	13.215 #
27)	Chlordane-5	6.237	0.000	12111077	0	133.283	N.D. #

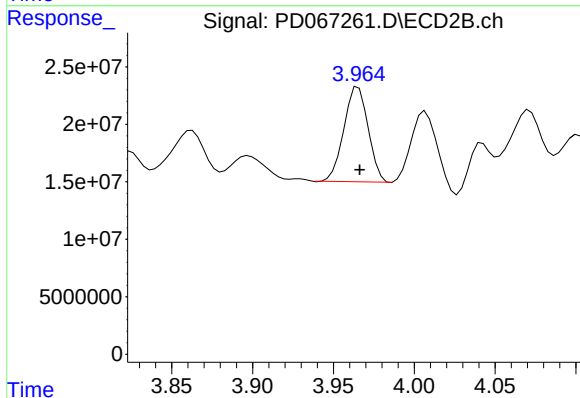
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

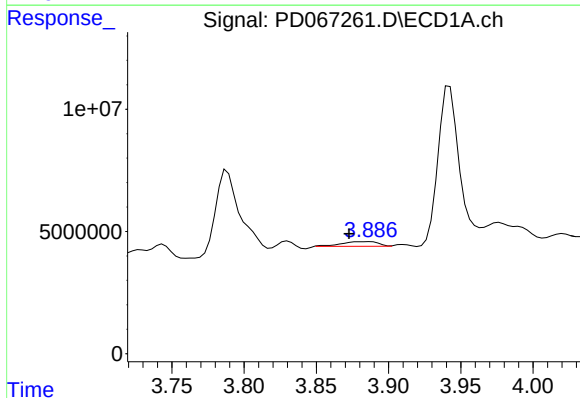
R.T.: 3.436 min
Delta R.T.: 0.000 min
Response: 33553227
Conc: 16.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



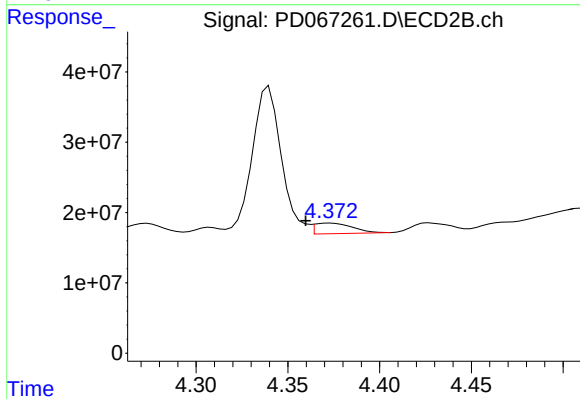
#1 Tetrachloro-m-xylene

R.T.: 3.965 min
Delta R.T.: 0.000 min
Response: 86280600
Conc: 11.89 ng/ml



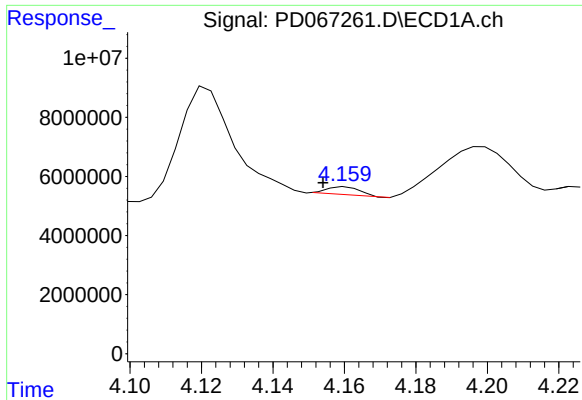
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.015 min
Response: 3468919
Conc: 1.03 ng/ml



#2 alpha-BHC

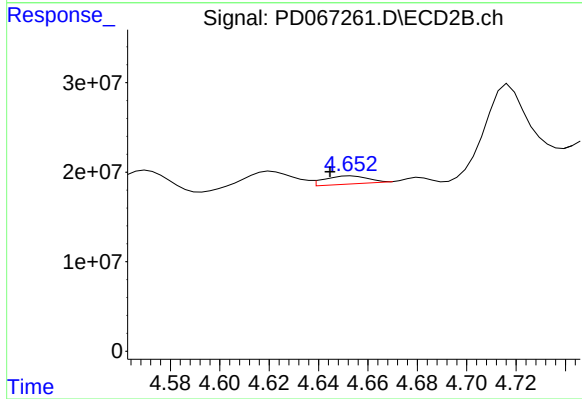
R.T.: 4.373 min
Delta R.T.: 0.013 min
Response: 21468331
Conc: 2.06 ng/ml



#3 gamma-BHC (Lindane)

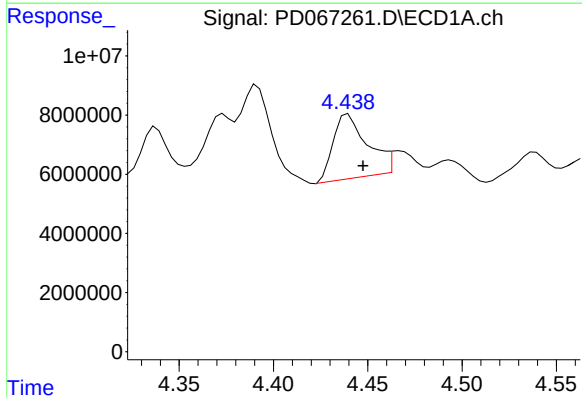
R.T.: 4.161 min
Delta R.T.: 0.007 min
Response: 1721549
Conc: 0.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



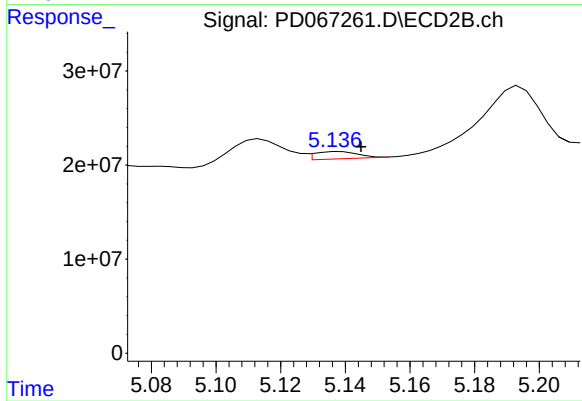
#3 gamma-BHC (Lindane)

R.T.: 4.653 min
Delta R.T.: 0.009 min
Response: 10925780
Conc: 1.15 ng/ml



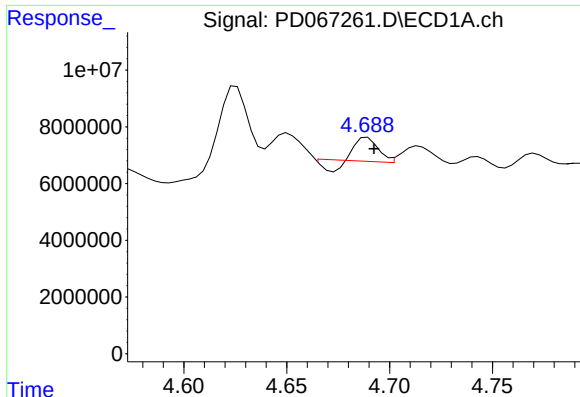
#4 Heptachlor

R.T.: 4.440 min
Delta R.T.: -0.008 min
Response: 27080977
Conc: 8.32 ng/ml



#4 Heptachlor

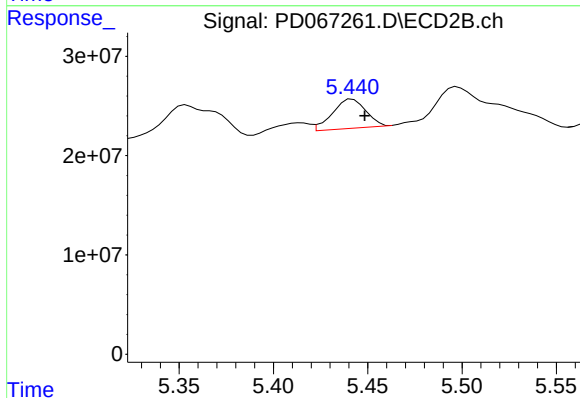
R.T.: 5.138 min
Delta R.T.: -0.006 min
Response: 7202693
Conc: 0.80 ng/ml



#5 Aldrin

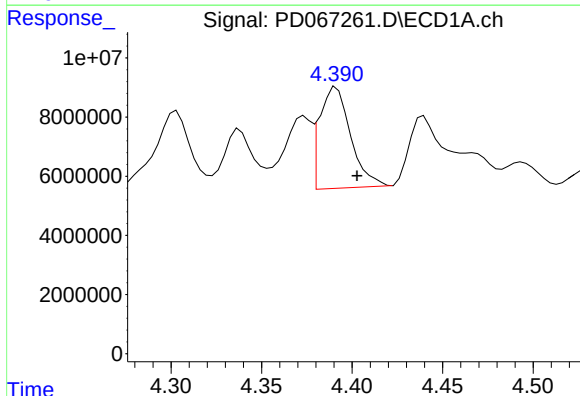
R.T.: 4.689 min
Delta R.T.: -0.003 min
Response: 4447205
Conc: 1.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



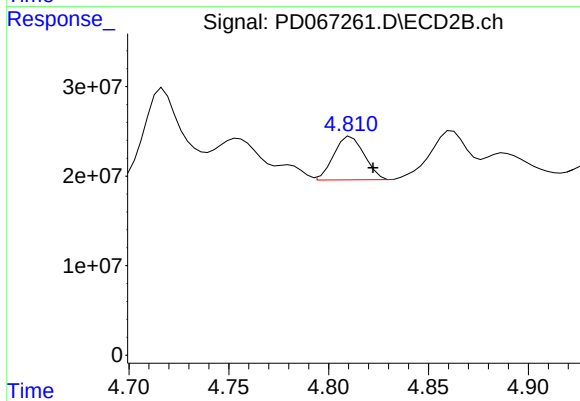
#5 Aldrin

R.T.: 5.442 min
Delta R.T.: -0.006 min
Response: 36065055
Conc: 4.29 ng/ml



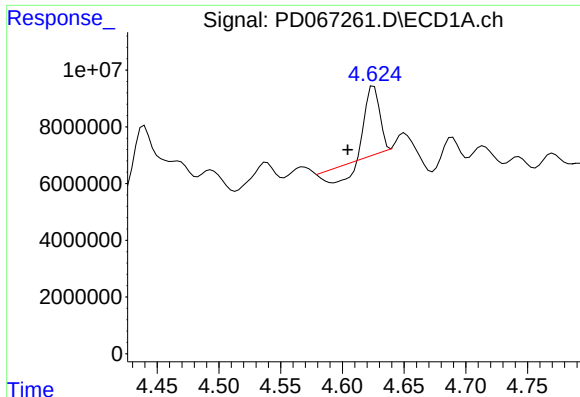
#6 beta-BHC

R.T.: 4.391 min
Delta R.T.: -0.011 min
Response: 40929897
Conc: 29.99 ng/ml



#6 beta-BHC

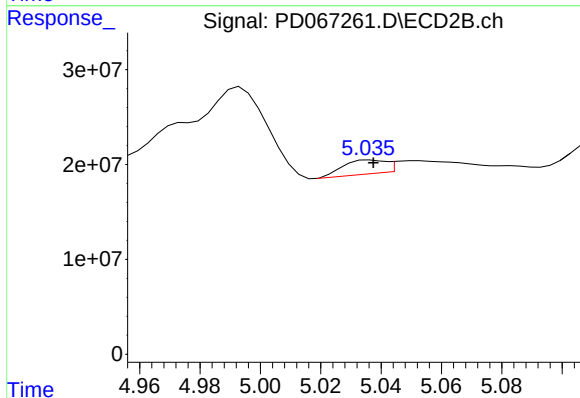
R.T.: 4.811 min
Delta R.T.: -0.011 min
Response: 51568831
Conc: 11.70 ng/ml



#7 delta-BHC

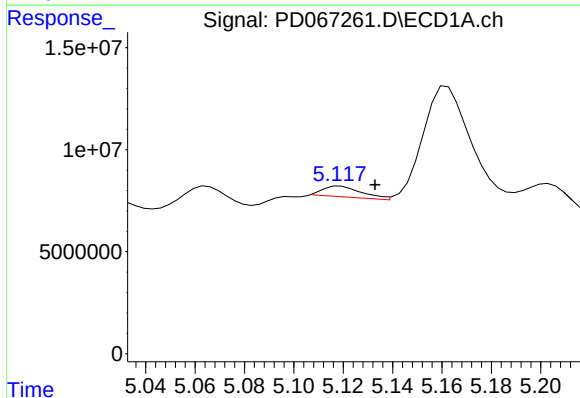
R.T.: 4.626 min
Delta R.T.: 0.021 min
Response: 12456060
Conc: 4.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



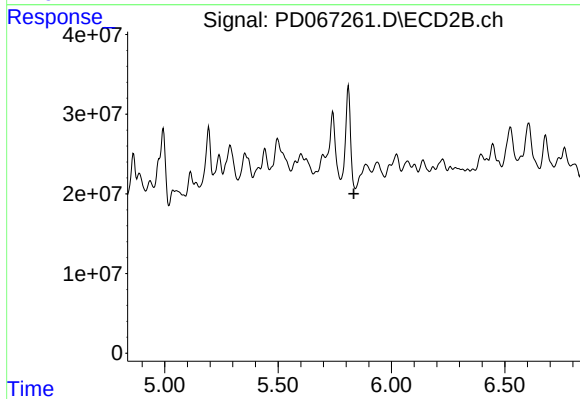
#7 delta-BHC

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 14316852
Conc: 1.56 ng/ml



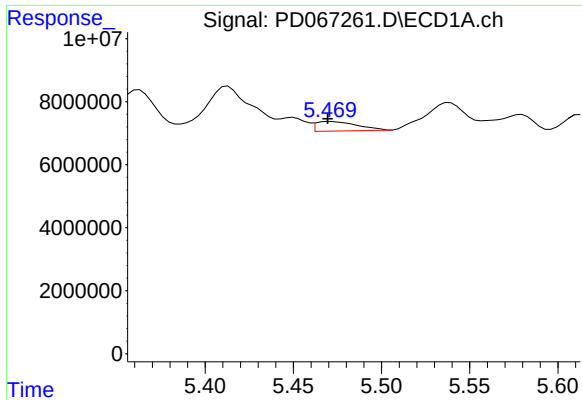
#8 Heptachlor epoxide

R.T.: 5.119 min
Delta R.T.: -0.014 min
Response: 5769179
Conc: 2.00 ng/ml



#8 Heptachlor epoxide

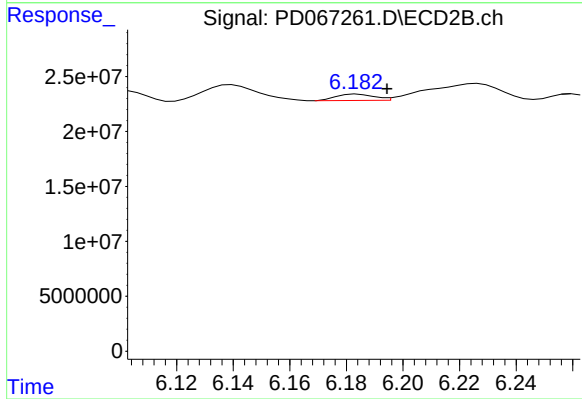
R.T.: 0.000 min
Exp R.T. : 5.835 min
Response: 0
Conc: N.D.



#9 Endosulfan I

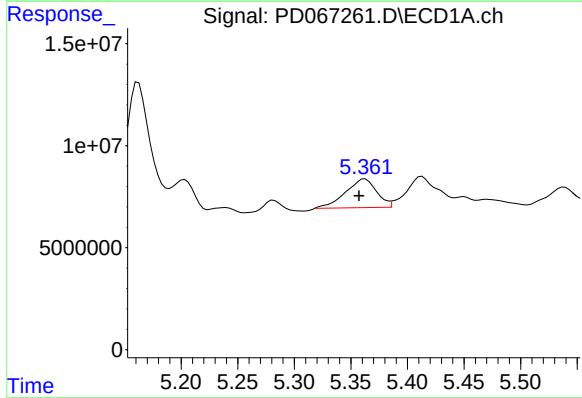
R.T.: 5.471 min
Delta R.T.: 0.001 min
Response: 4878139
Conc: 1.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



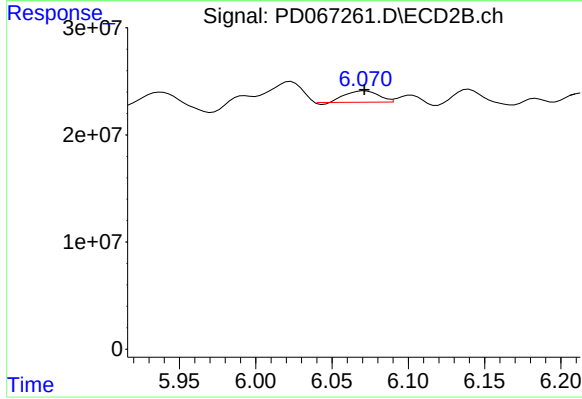
#9 Endosulfan I

R.T.: 6.184 min
Delta R.T.: -0.011 min
Response: 5379213
Conc: 0.77 ng/ml



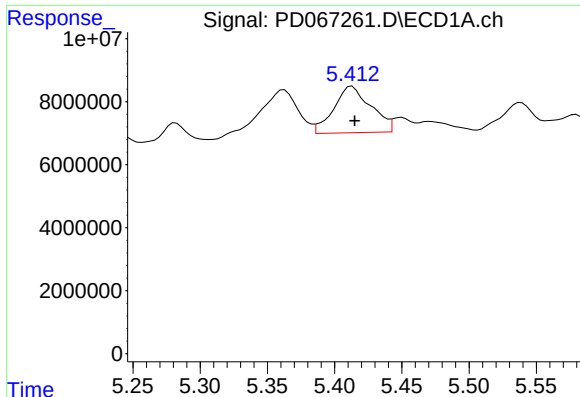
#10 gamma-Chlordane

R.T.: 5.363 min
Delta R.T.: 0.005 min
Response: 26836795
Conc: 9.23 ng/ml



#10 gamma-Chlordane

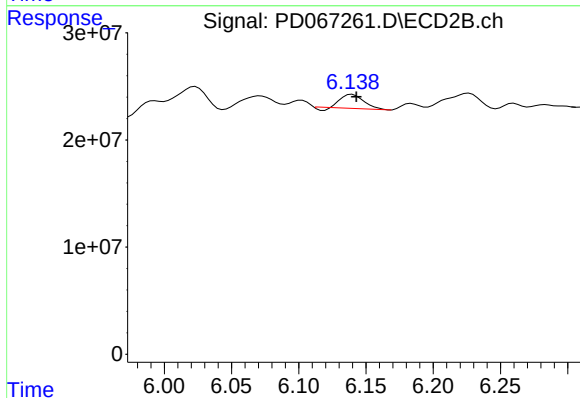
R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 15727426
Conc: 2.14 ng/ml



#11 alpha-Chlordane

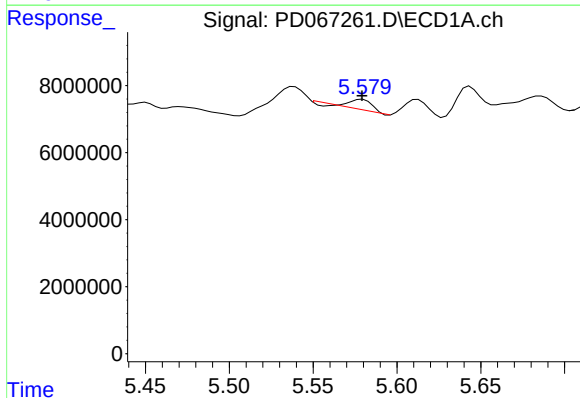
R.T.: 5.413 min
Delta R.T.: -0.002 min
Response: 28320801
Conc: 9.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



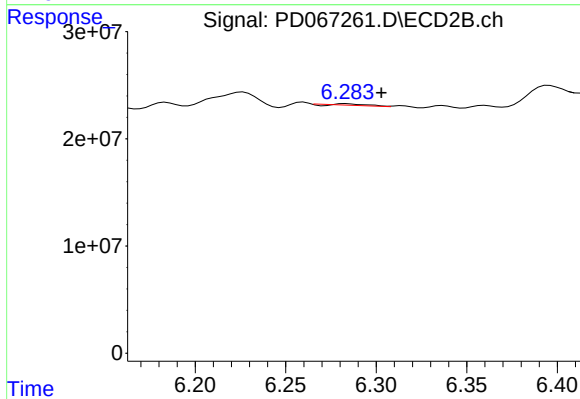
#11 alpha-Chlordane

R.T.: 6.140 min
Delta R.T.: -0.003 min
Response: 14690742
Conc: 2.02 ng/ml



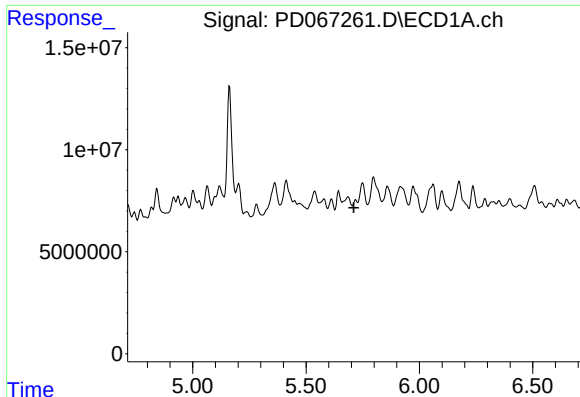
#12 4,4'-DDE

R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 2432981
Conc: 0.91 ng/ml



#12 4,4'-DDE

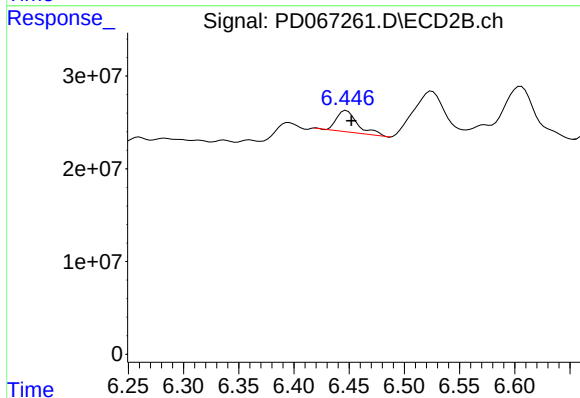
R.T.: 6.283 min
Delta R.T.: -0.019 min
Response: 1264813
Conc: 0.18 ng/ml



#13 Dieldrin

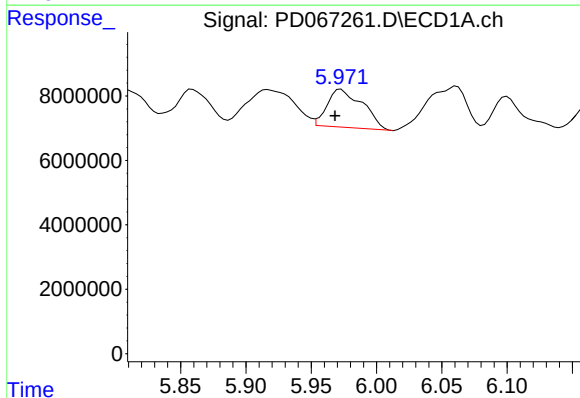
R.T.: 5.719 min
Delta R.T.: 0.008 min
Response: -1798068
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



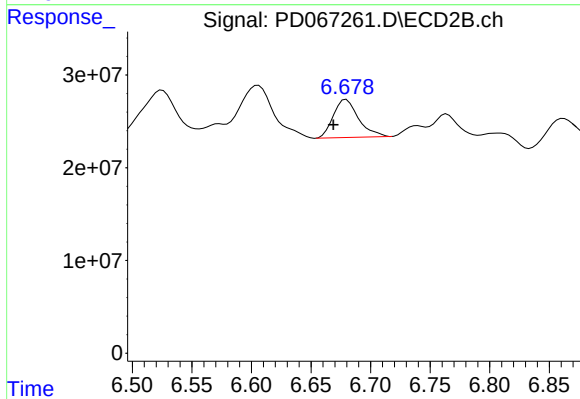
#13 Dieldrin

R.T.: 6.448 min
Delta R.T.: -0.005 min
Response: 31284284
Conc: 4.27 ng/ml



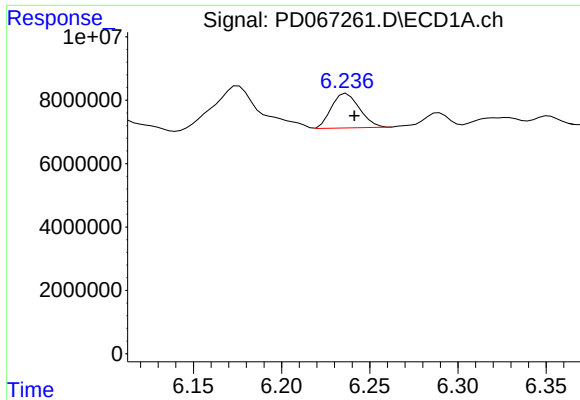
#14 Endrin

R.T.: 5.973 min
Delta R.T.: 0.004 min
Response: 21428788
Conc: 9.39 ng/ml



#14 Endrin

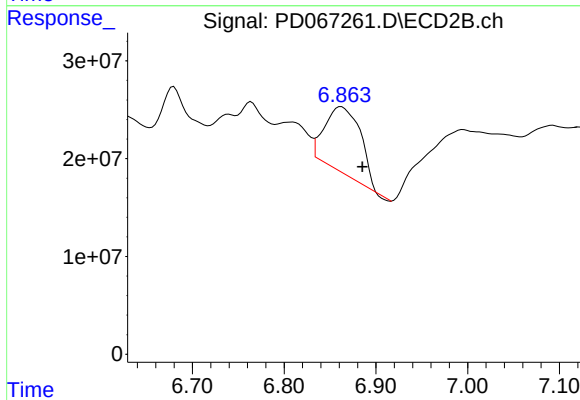
R.T.: 6.680 min
Delta R.T.: 0.011 min
Response: 60306272
Conc: 10.74 ng/ml



#15 Endosulfan II

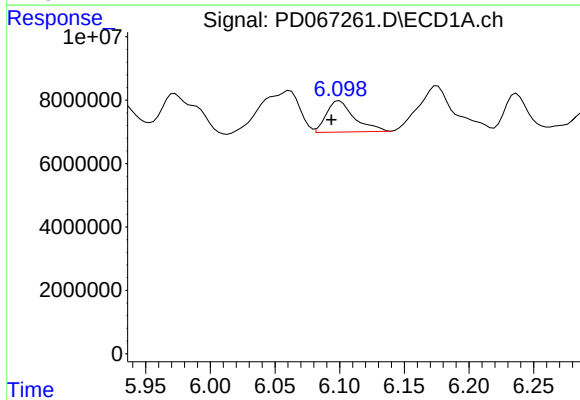
R.T.: 6.237 min
Delta R.T.: -0.004 min
Response: 12111077
Conc: 5.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



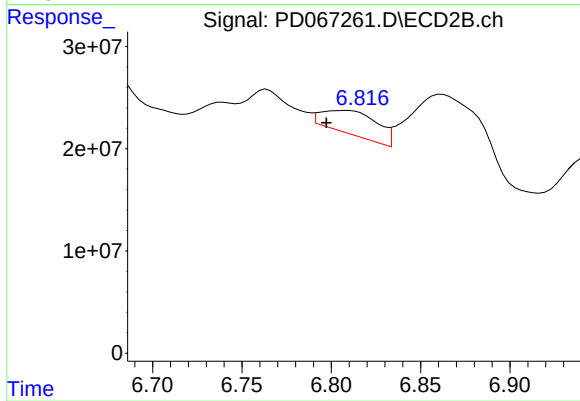
#15 Endosulfan II

R.T.: 6.862 min
Delta R.T.: -0.023 min
Response: 183026064
Conc: 30.49 ng/ml



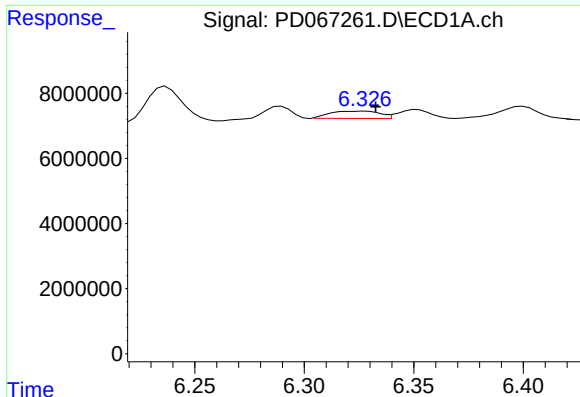
#16 4,4'-DDD

R.T.: 6.100 min
Delta R.T.: 0.006 min
Response: 14860964
Conc: 7.07 ng/ml



#16 4,4'-DDD

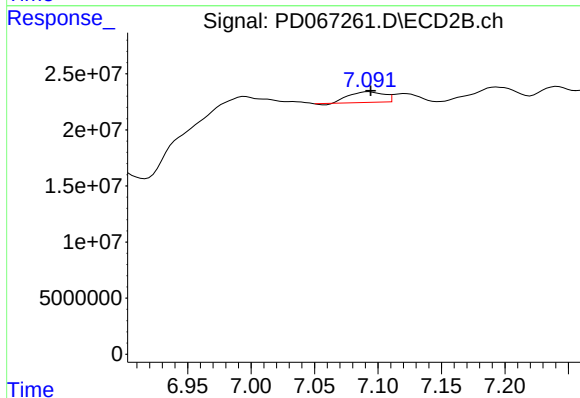
R.T.: 6.809 min
Delta R.T.: 0.012 min
Response: 49683562
Conc: 8.50 ng/ml



#17 4,4'-DDT

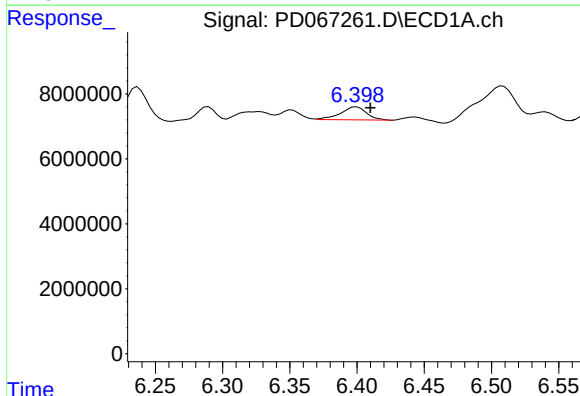
R.T.: 6.328 min
Delta R.T.: -0.005 min
Response: 3558823
Conc: 1.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



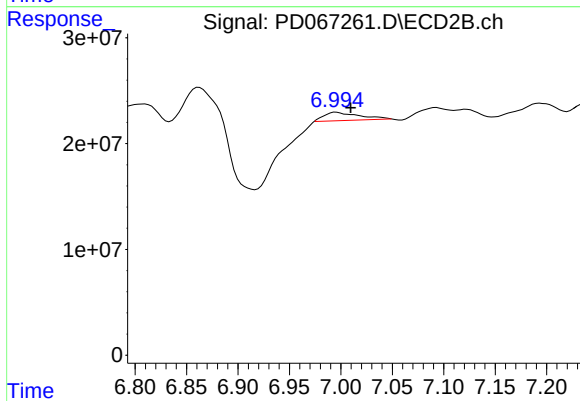
#17 4,4'-DDT

R.T.: 7.093 min
Delta R.T.: -0.002 min
Response: 17676975
Conc: 2.96 ng/ml



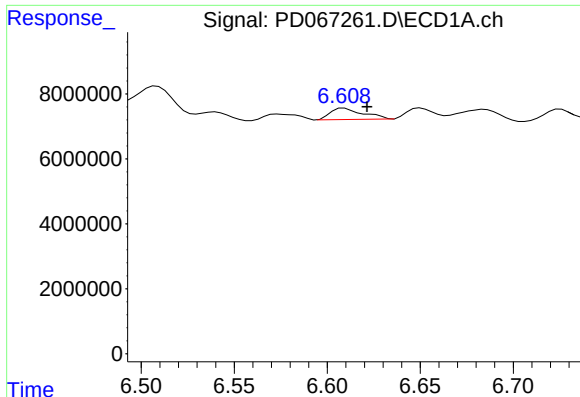
#18 Endrin aldehyde

R.T.: 6.400 min
Delta R.T.: -0.010 min
Response: 5456061
Conc: 3.26 ng/ml



#18 Endrin aldehyde

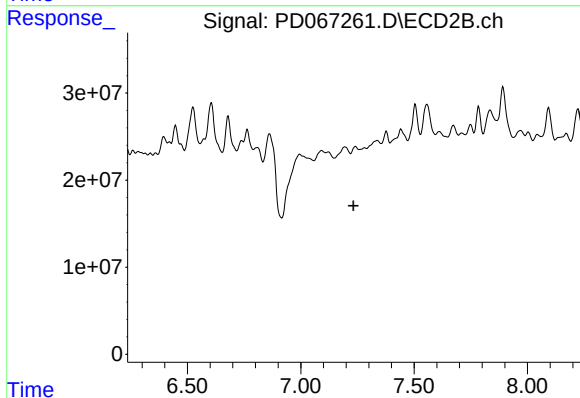
R.T.: 6.995 min
Delta R.T.: -0.014 min
Response: 19071788
Conc: 4.07 ng/ml



#19 Endosulfan Sulfate

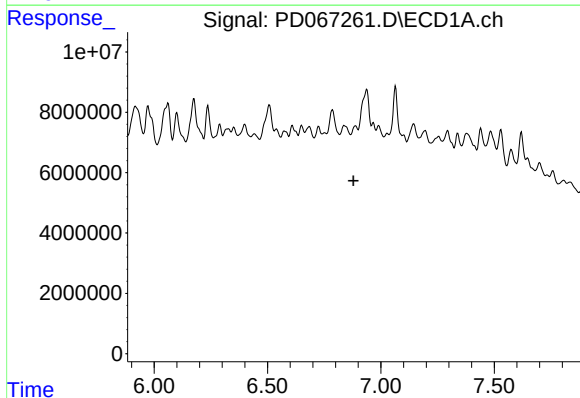
R.T.: 6.609 min
Delta R.T.: -0.012 min
Response: 4266568
Conc: 2.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



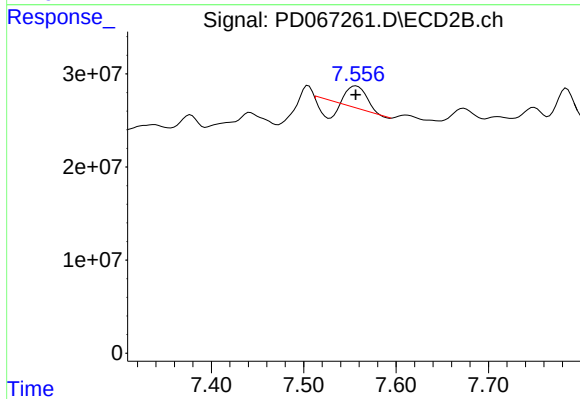
#19 Endosulfan Sulfate

R.T.: 7.242 min
Delta R.T.: 0.008 min
Response: -4048069
Conc: N.D.



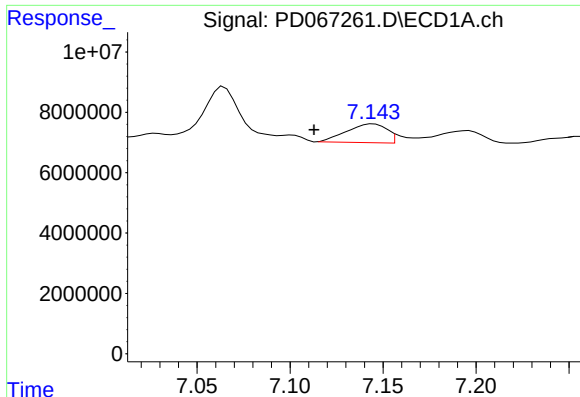
#20 Methoxychlor

R.T.: 6.888 min
Delta R.T.: 0.009 min
Response: -640977
Conc: N.D.



#20 Methoxychlor

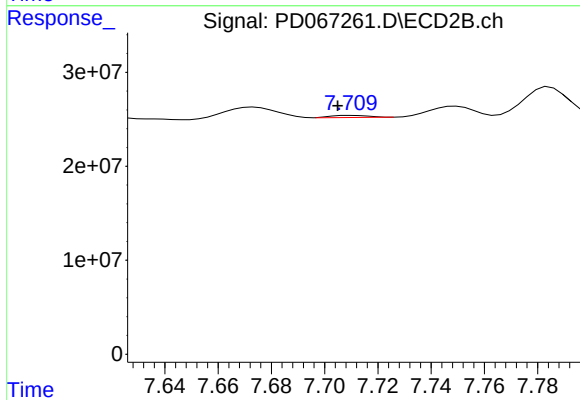
R.T.: 7.557 min
Delta R.T.: 0.000 min
Response: 14619661
Conc: 4.54 ng/ml



#21 Endrin ketone

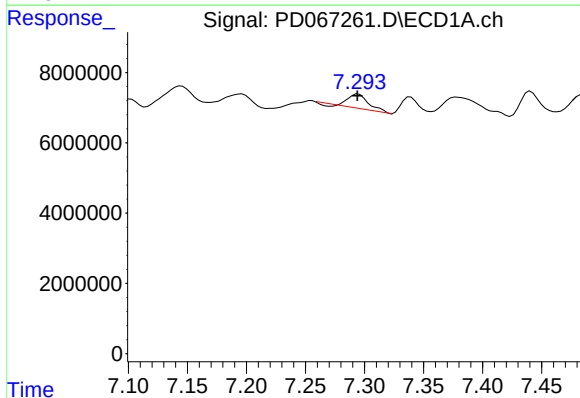
R.T.: 7.145 min
Delta R.T.: 0.032 min
Response: 9149923
Conc: 4.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



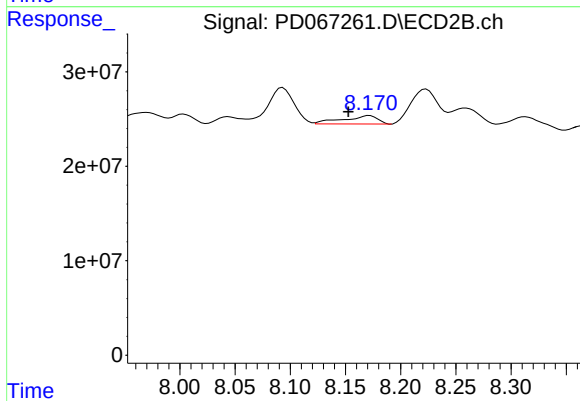
#21 Endrin ketone

R.T.: 7.710 min
Delta R.T.: 0.005 min
Response: 2146422
Conc: 0.30 ng/ml



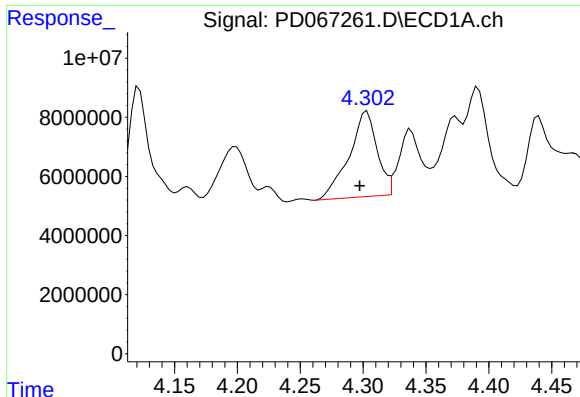
#22 Mirex

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 4550834
Conc: 2.84 ng/ml



#22 Mirex

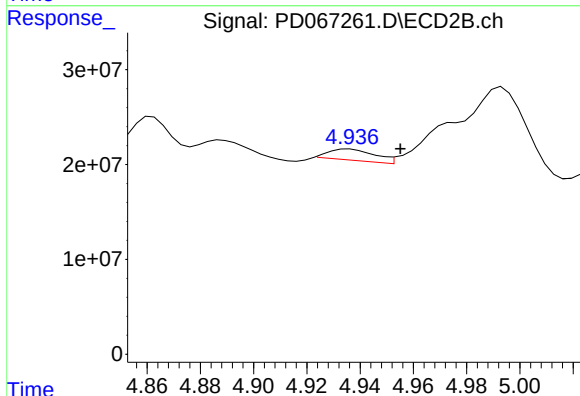
R.T.: 8.172 min
Delta R.T.: 0.019 min
Response: 19330480
Conc: 3.95 ng/ml



#23 Chlordane-1

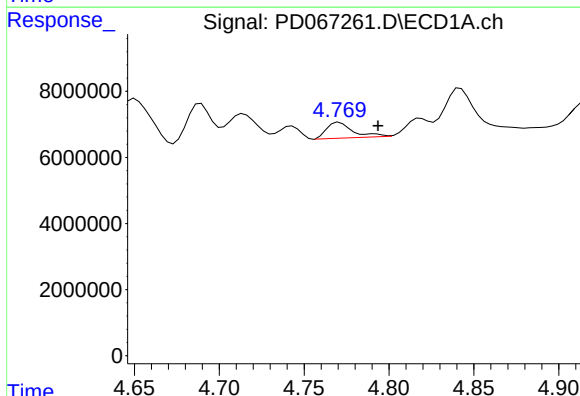
R.T.: 4.303 min
Delta R.T.: 0.006 min
Response: 44760232
Conc: 552.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



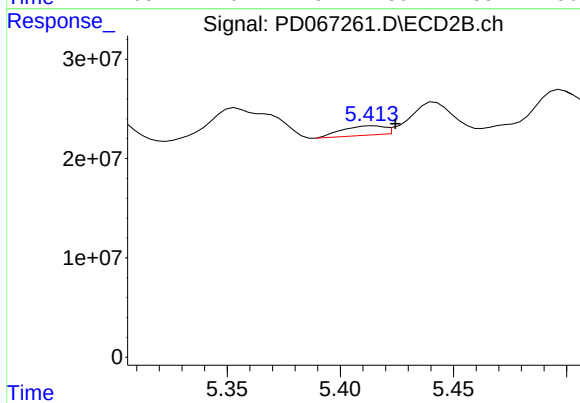
#23 Chlordane-1

R.T.: 4.936 min
Delta R.T.: -0.019 min
Response: 14258902
Conc: 56.71 ng/ml



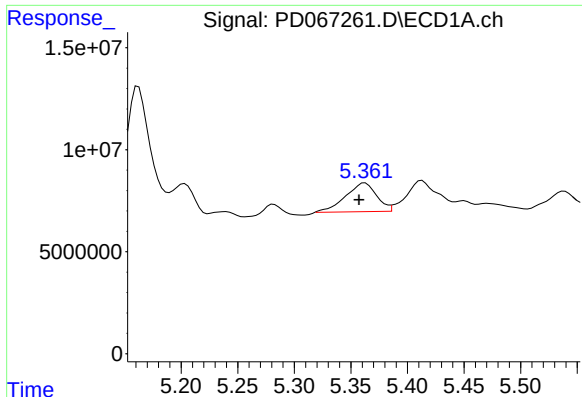
#24 Chlordane-2

R.T.: 4.771 min
Delta R.T.: -0.023 min
Response: 5142753
Conc: 54.04 ng/ml



#24 Chlordane-2

R.T.: 5.415 min
Delta R.T.: -0.010 min
Response: 12220042
Conc: 45.81 ng/ml



#25 Chlordane-3

R.T.: 5.363 min
Delta R.T.: 0.005 min
Response: 26836795
Conc: 97.50 ng/ml

Instrument :
ECD_D
ClientSampleId :

#25 Chlordane-3

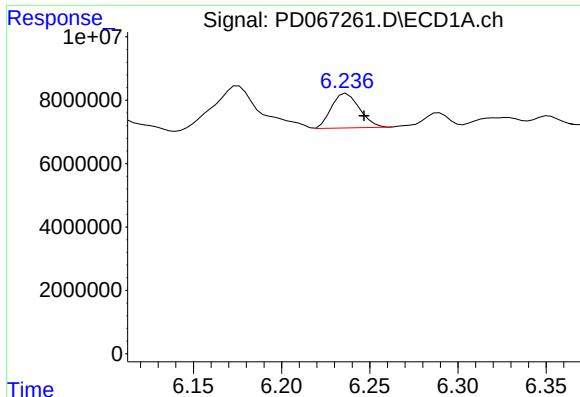
R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 15727426
Conc: 16.46 ng/ml

#26 Chlordane-4

R.T.: 5.413 min
Delta R.T.: -0.002 min
Response: 28320801
Conc: 124.07 ng/ml

#26 Chlordane-4

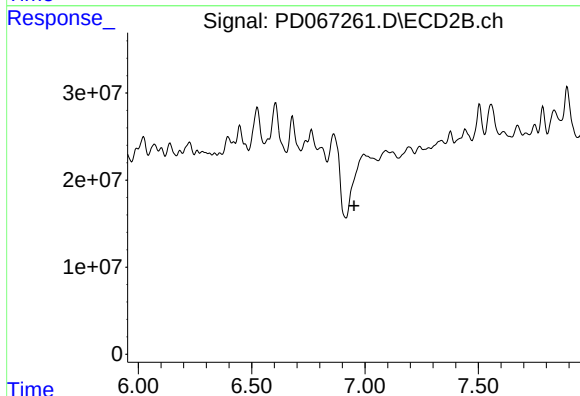
R.T.: 6.140 min
Delta R.T.: -0.002 min
Response: 14690742
Conc: 13.22 ng/ml



#27 Chlordane-5

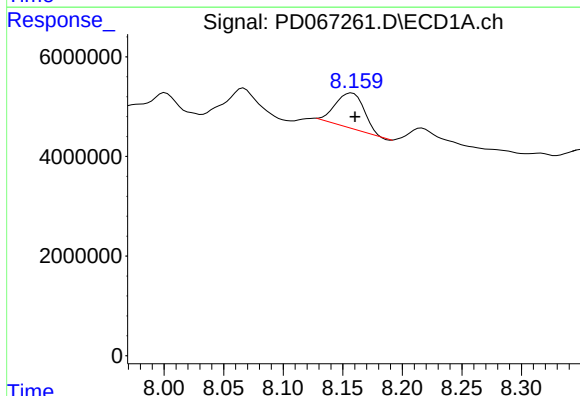
R.T.: 6.237 min
Delta R.T.: -0.010 min
Response: 12111077
Conc: 133.28 ng/ml

Instrument :
ECD_D
ClientSampleId :



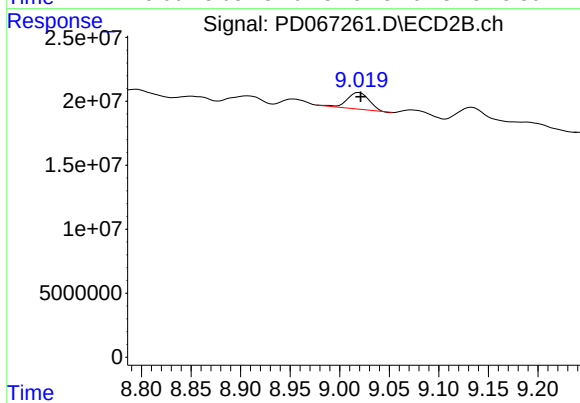
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.952 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.158 min
Delta R.T.: -0.003 min
Response: 11912669
Conc: 10.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: -0.002 min
Response: 20444736
Conc: 4.07 ng/ml