

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110223\
 Data File : PD079316.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2023 18:21
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 22:12:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.571	2.806	31516286	48233968	19.520	20.833
28)	SA Decachlor...	9.120	7.954	41104594	52813012	20.491	21.667
Target Compounds							
2)	A alpha-BHC	4.028	3.309	26153867	37191630	9.825	10.726
3)	MA gamma-BHC...	4.361	3.639	25388001	35496827	9.769	10.453
4)	MA Heptachlor	4.967	0.000	361579	0	0.135	N.D. #
5)	MB Aldrin	0.000	4.269	0	104765	N.D.	0.032 #
6)	B beta-BHC	4.554	3.933	12115829	17357115	11.306	12.318
8)	B Heptachlo...	5.718	0.000	6858615	0	2.926	N.D. #
9)	A Endosulfan I	6.083f	0.000	1978802	0	0.913	N.D. #
10)	B gamma-Chl...	5.949f	5.021	8406501	167943	3.667	0.059 #
11)	B alpha-Chl...	6.083f	0.000	1978802	0	0.868	N.D. #
12)	B 4,4'-DDE	6.230	5.271	298466	808561	0.141	0.304 #
13)	MA Dieldrin	6.406f	5.421f	433755	163864	0.186	0.055 #
14)	MA Endrin	6.617	5.675	87076068	134.5E6	44.709	52.576
15)	B Endosulfa...	6.848f	5.985f	1048215	1299235	0.514	0.520
16)	A 4,4'-DDD	6.747	5.822	3933479	5810466	2.238	2.544
17)	MA 4,4'-DDT	7.063	6.074	177.0E6	254.4E6	93.458	111.115
18)	B Endrin al...	6.965	6.149	3016711	5351313	1.953	2.878 #
19)	B Endosulfa...	0.000	6.358	0	264996	N.D.	0.113 #
20)	A Methoxychlor	7.537	6.649	227.1E6	320.2E6	207.257	235.856
21)	B Endrin ke...	7.686	6.876	7284149	10317931	3.341	3.691
22)	Mirex	8.171	7.072	374693	473084	0.221	0.221
23)	Chlordane-1	0.000	3.807	0	134805	N.D.	1.552 #
24)	Chlordane-2	0.000	4.414f	0	5577965	N.D.	61.391 #
25)	Chlordane-3	0.000	5.021	0	167943	N.D.	0.630 #
26)	Chlordane-4	6.083f	0.000	1978802	0	5.326	N.D. #
27)	Chlordane-5	0.000	5.985	0	1299235	N.D.	13.036 #

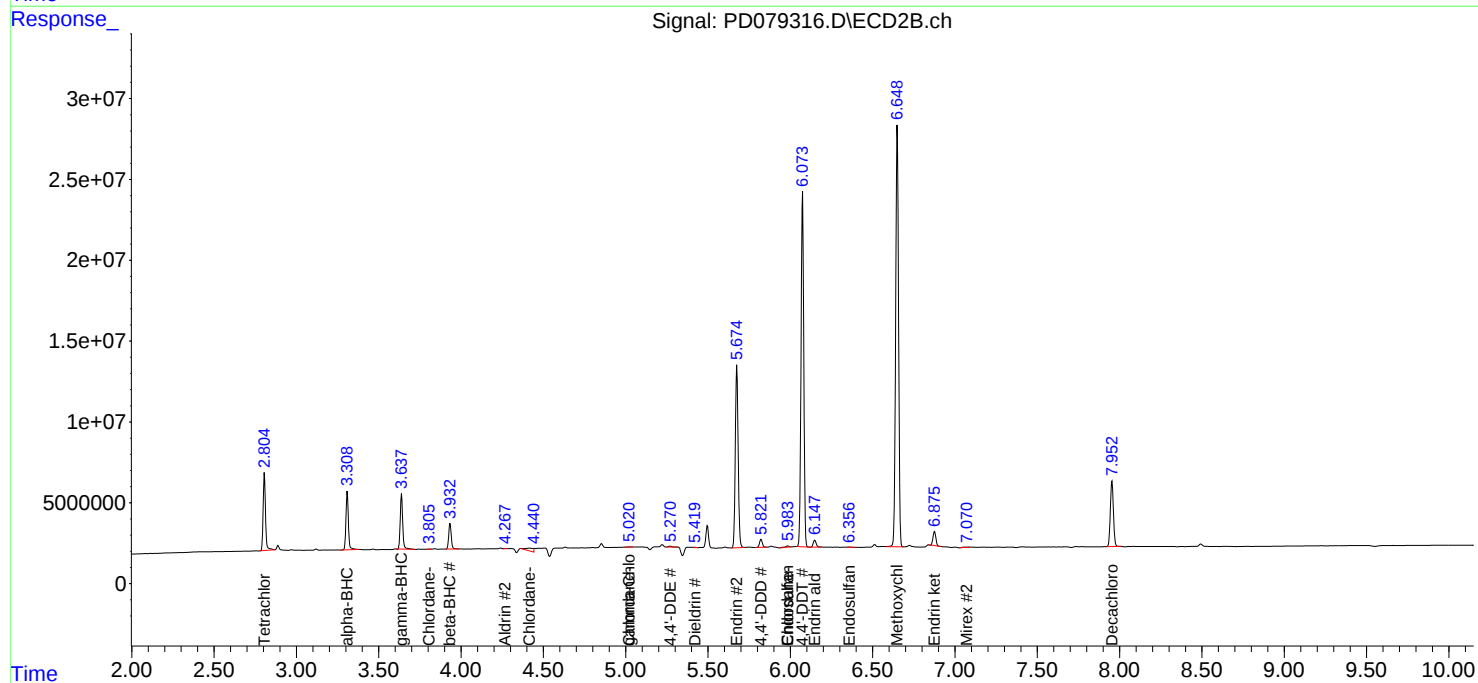
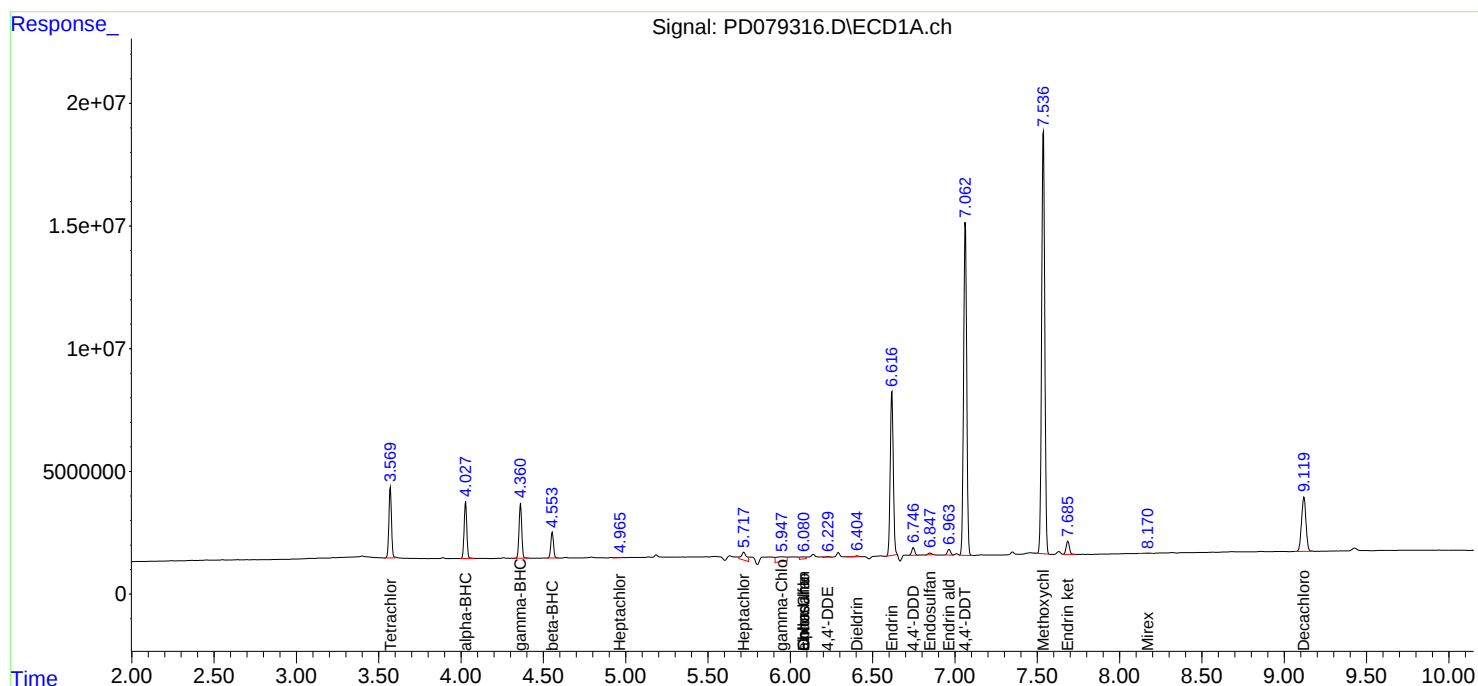
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

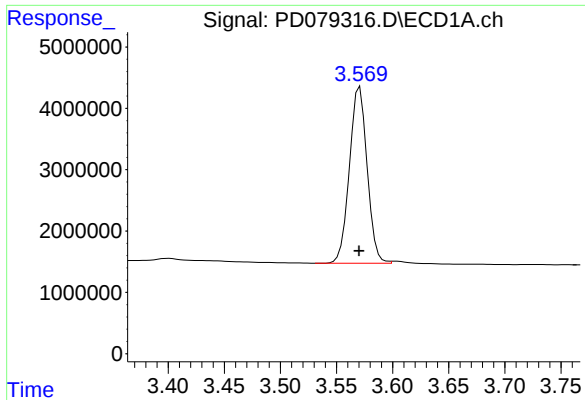
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110223\
Data File : PD079316.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 18:21
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 22:12:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

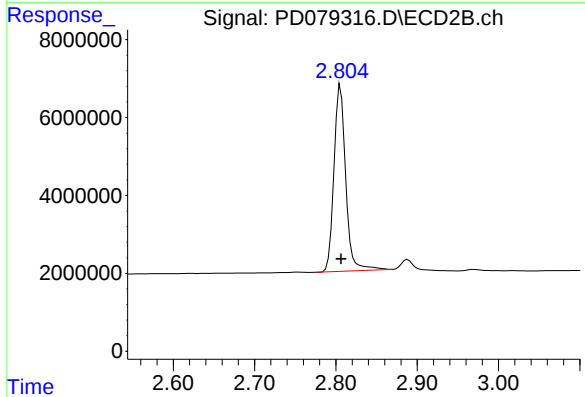




#1 Tetrachloro-m-xylene

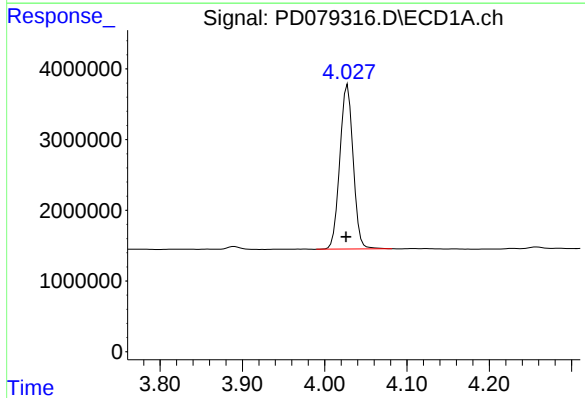
R.T.: 3.571 min
Delta R.T.: 0.000 min
Response: 31516286
Conc: 19.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



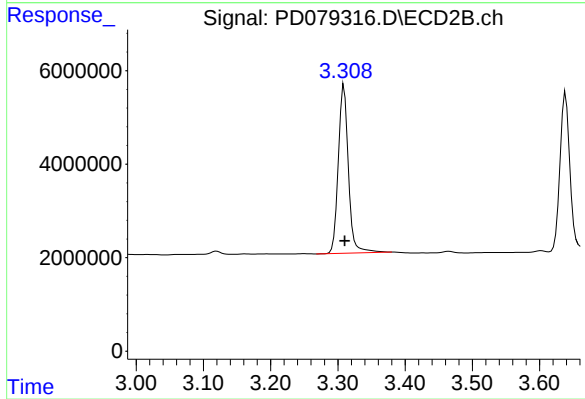
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 48233968
Conc: 20.83 ng/ml



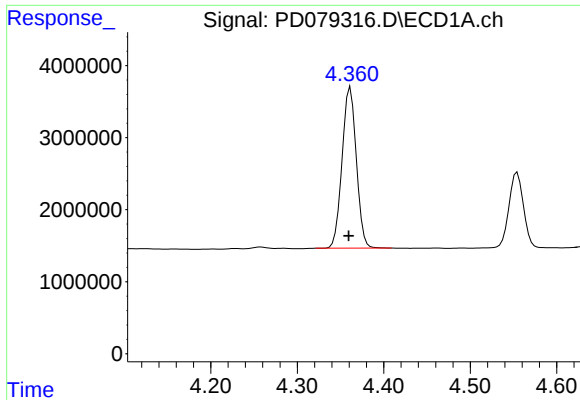
#2 alpha-BHC

R.T.: 4.028 min
Delta R.T.: 0.002 min
Response: 26153867
Conc: 9.82 ng/ml



#2 alpha-BHC

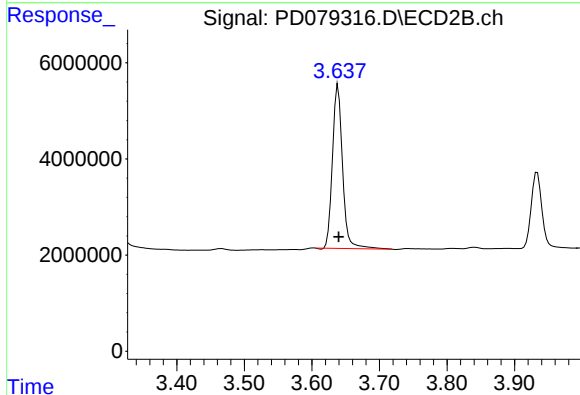
R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 37191630
Conc: 10.73 ng/ml



#3 gamma-BHC (Lindane)

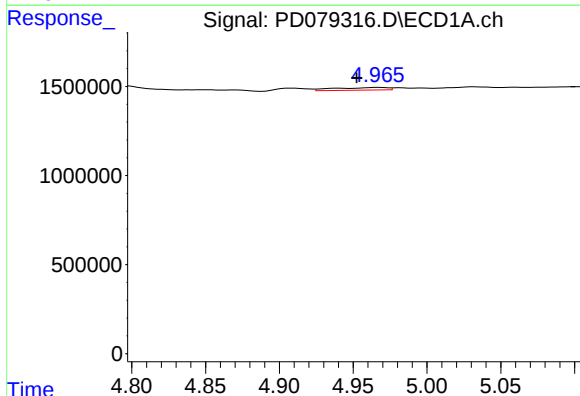
R.T.: 4.361 min
Delta R.T.: 0.002 min
Response: 25388001
Conc: 9.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



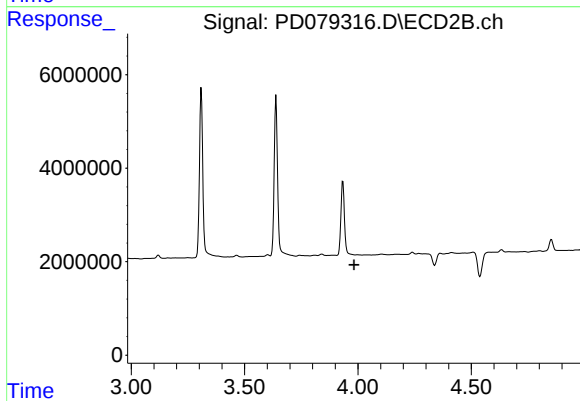
#3 gamma-BHC (Lindane)

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 35496827
Conc: 10.45 ng/ml



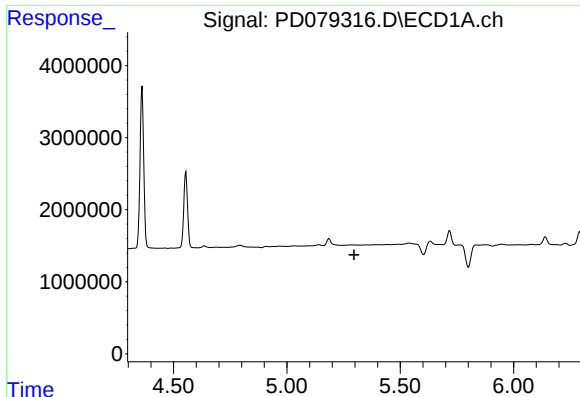
#4 Heptachlor

R.T.: 4.967 min
Delta R.T.: 0.014 min
Response: 361579
Conc: 0.14 ng/ml



#4 Heptachlor

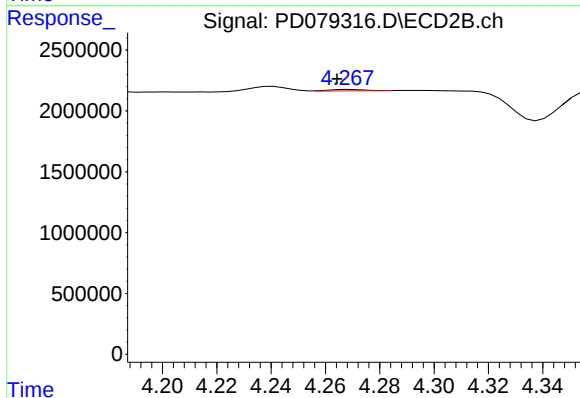
R.T.: 0.000 min
Exp R.T. : 3.983 min
Response: 0
Conc: N.D.



#5 Aldrin

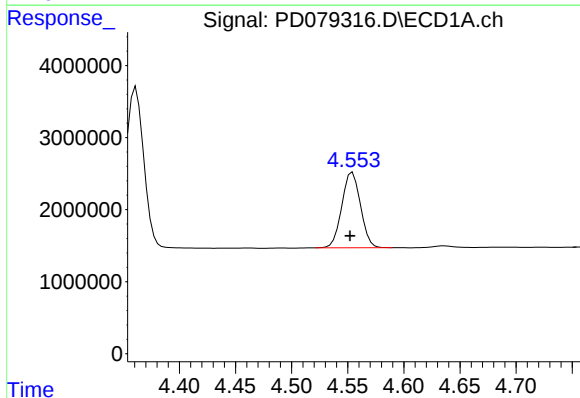
R.T.: 0.000 min
Exp R.T.: 5.296 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



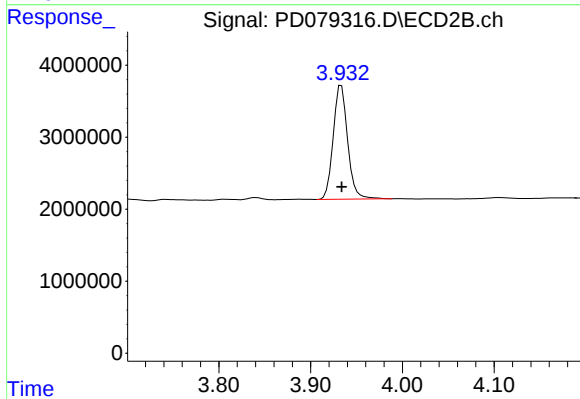
#5 Aldrin

R.T.: 4.269 min
Delta R.T.: 0.005 min
Response: 104765
Conc: 0.03 ng/ml



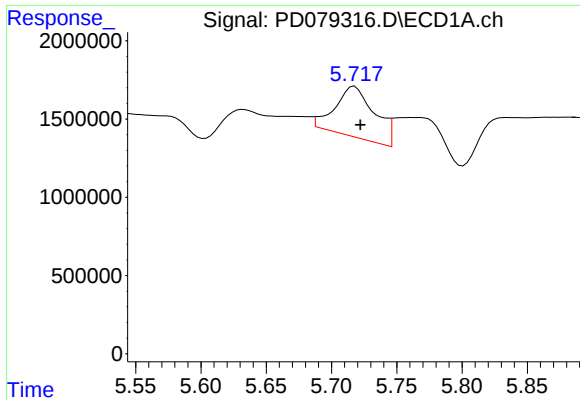
#6 beta-BHC

R.T.: 4.554 min
Delta R.T.: 0.002 min
Response: 12115829
Conc: 11.31 ng/ml



#6 beta-BHC

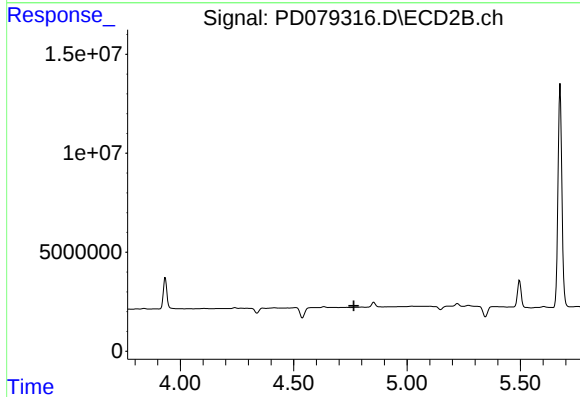
R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 17357115
Conc: 12.32 ng/ml



#8 Heptachlor epoxide

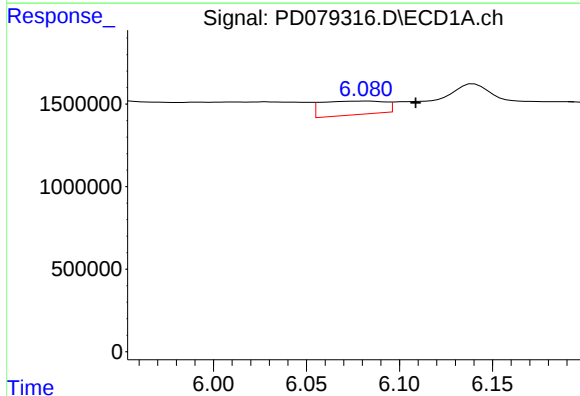
R.T.: 5.718 min
Delta R.T.: -0.004 min
Response: 6858615
Conc: 2.93 ng/ml

Instrument :
ECD_D
ClientSampleId :



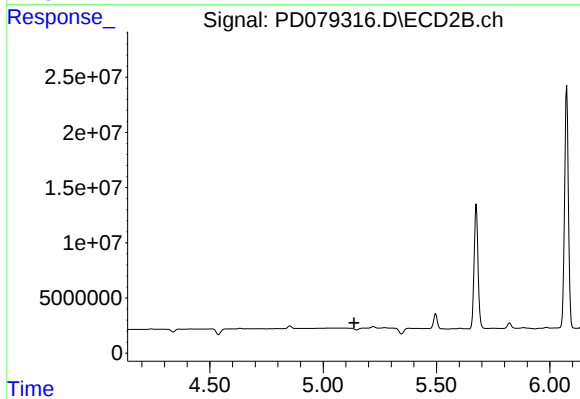
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.766 min
Response: 0
Conc: N.D.



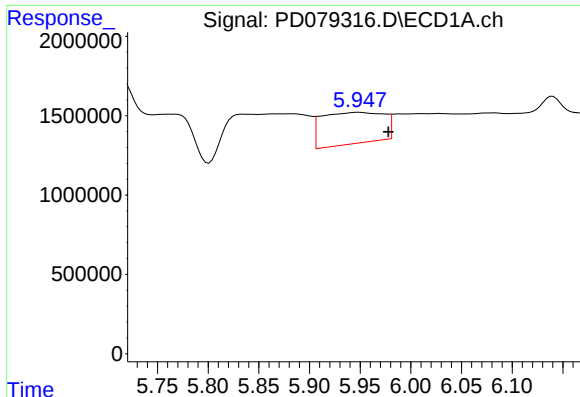
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: -0.026 min
Response: 1978802
Conc: 0.91 ng/ml



#9 Endosulfan I

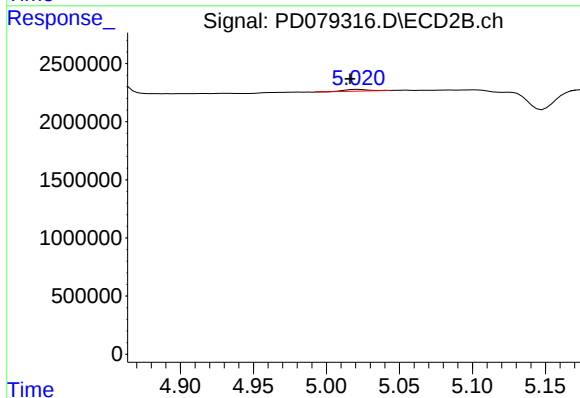
R.T.: 0.000 min
Exp R.T. : 5.136 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

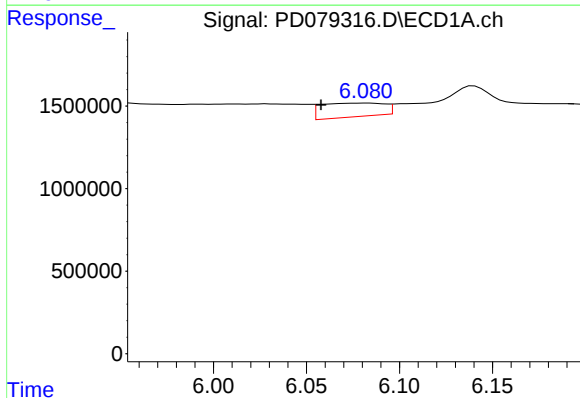
R.T.: 5.949 min
Delta R.T.: -0.028 min
Response: 8406501
Conc: 3.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



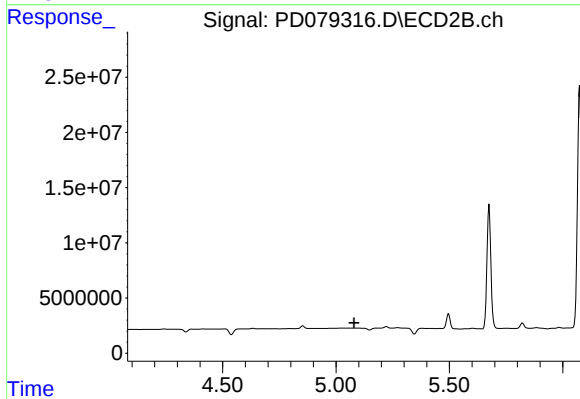
#10 gamma-Chlordane

R.T.: 5.021 min
Delta R.T.: 0.005 min
Response: 167943
Conc: 0.06 ng/ml



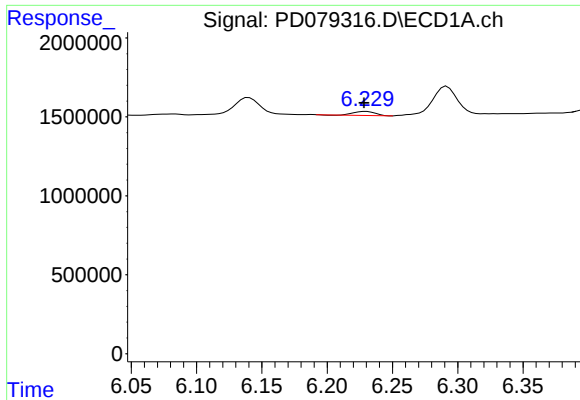
#11 alpha-Chlordane

R.T.: 6.083 min
Delta R.T.: 0.025 min
Response: 1978802
Conc: 0.87 ng/ml



#11 alpha-Chlordane

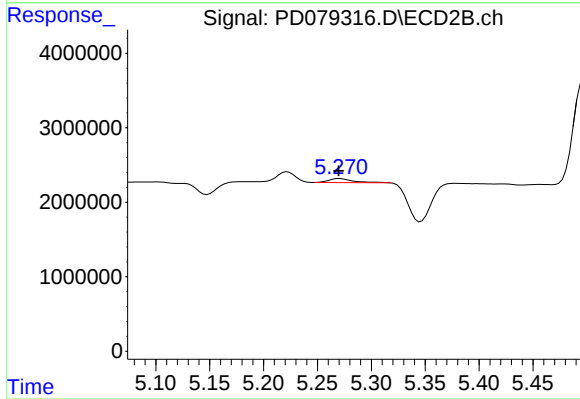
R.T.: 0.000 min
Exp R.T. : 5.080 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

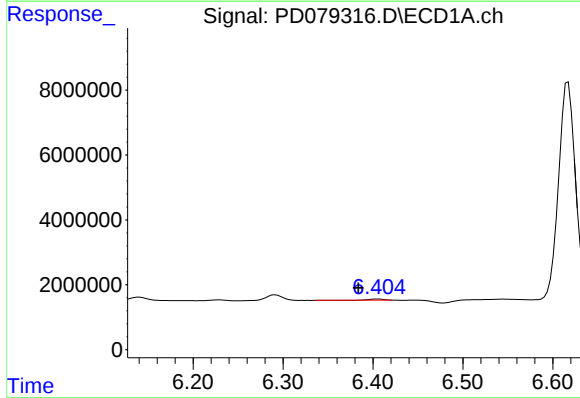
R.T.: 6.230 min
Delta R.T.: 0.002 min
Response: 298466
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



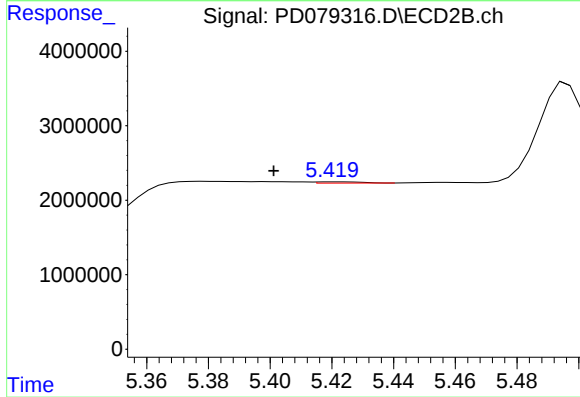
#12 4,4'-DDE

R.T.: 5.271 min
Delta R.T.: 0.001 min
Response: 808561
Conc: 0.30 ng/ml



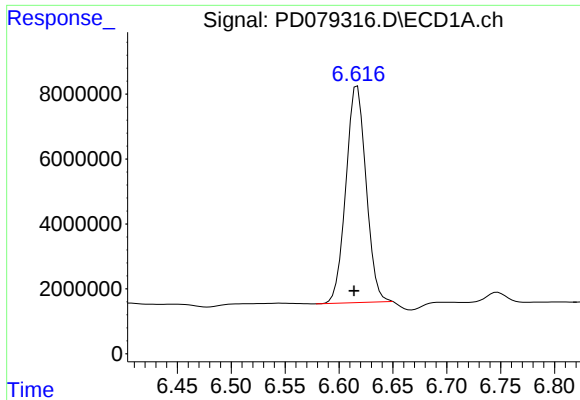
#13 Dieldrin

R.T.: 6.406 min
Delta R.T.: 0.022 min
Response: 433755
Conc: 0.19 ng/ml



#13 Dieldrin

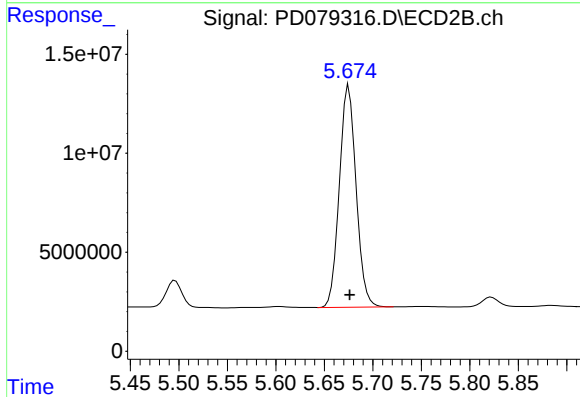
R.T.: 5.421 min
Delta R.T.: 0.020 min
Response: 163864
Conc: 0.06 ng/ml



#14 Endrin

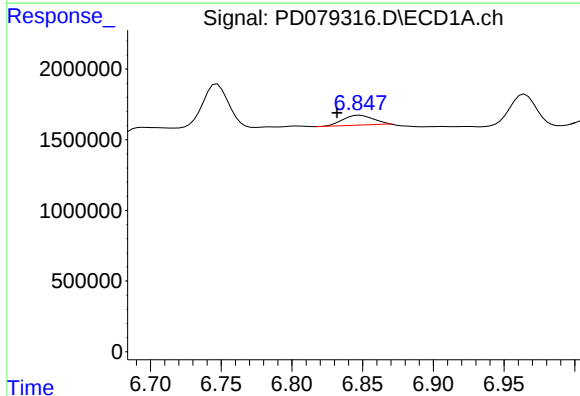
R.T.: 6.617 min
Delta R.T.: 0.003 min
Response: 87076068
Conc: 44.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



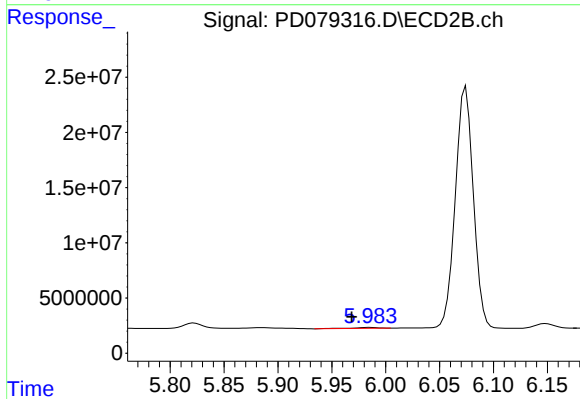
#14 Endrin

R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 134549459
Conc: 52.58 ng/ml



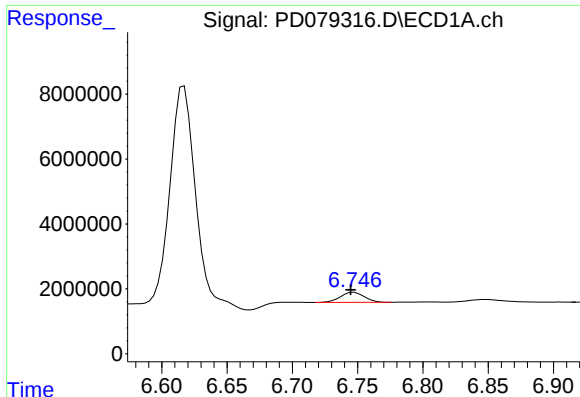
#15 Endosulfan II

R.T.: 6.848 min
Delta R.T.: 0.016 min
Response: 1048215
Conc: 0.51 ng/ml



#15 Endosulfan II

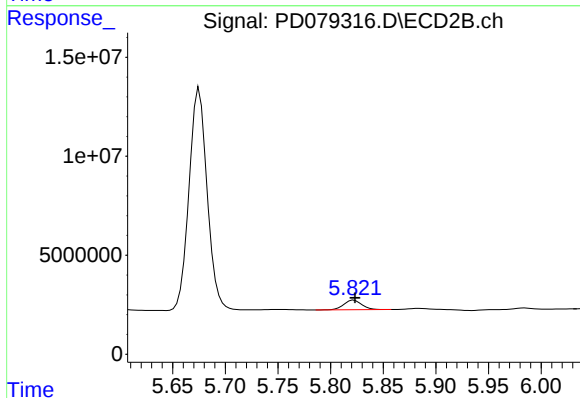
R.T.: 5.985 min
Delta R.T.: 0.016 min
Response: 1299235
Conc: 0.52 ng/ml



#16 4,4'-DDD

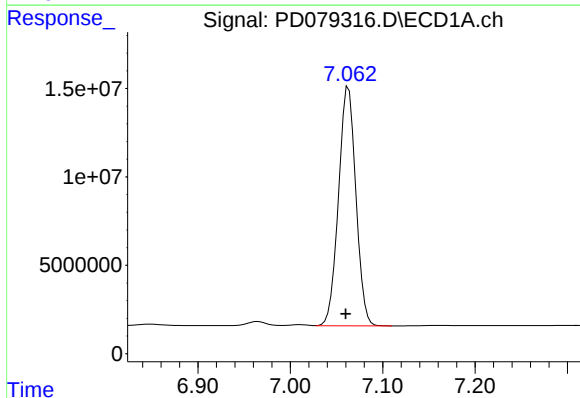
R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 3933479
Conc: 2.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



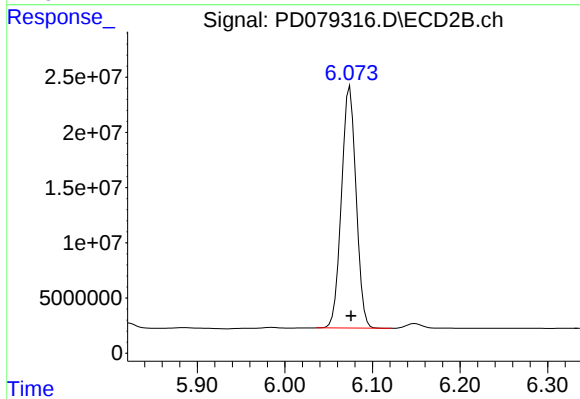
#16 4,4'-DDD

R.T.: 5.822 min
Delta R.T.: -0.001 min
Response: 5810466
Conc: 2.54 ng/ml



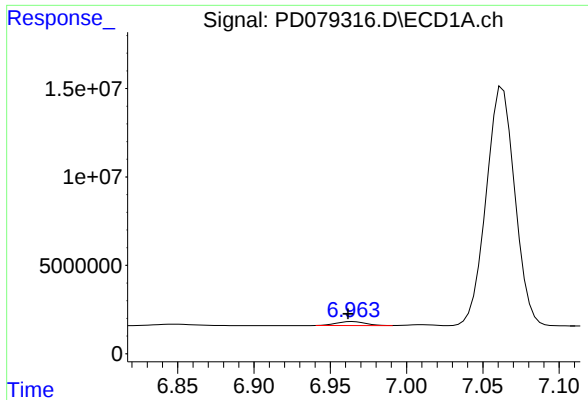
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: 0.003 min
Response: 176979362
Conc: 93.46 ng/ml



#17 4,4'-DDT

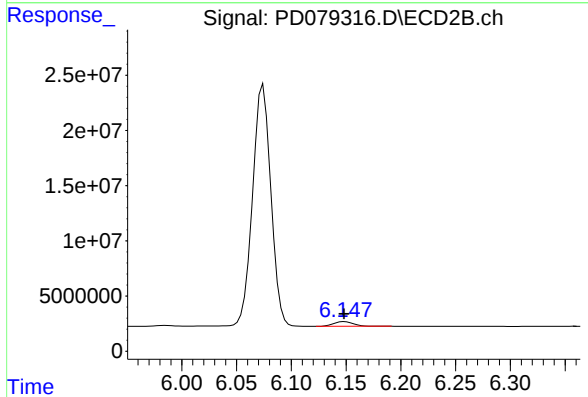
R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 254383557
Conc: 111.11 ng/ml



#18 Endrin aldehyde

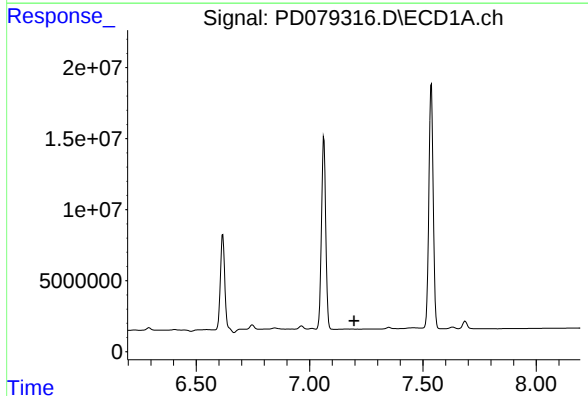
R.T.: 6.965 min
Delta R.T.: 0.003 min
Response: 3016711
Conc: 1.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



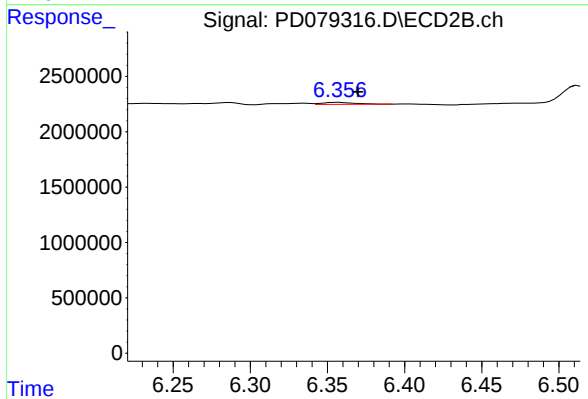
#18 Endrin aldehyde

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 5351313
Conc: 2.88 ng/ml



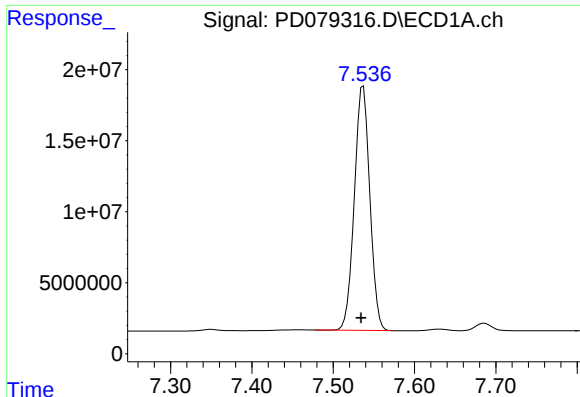
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.196 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

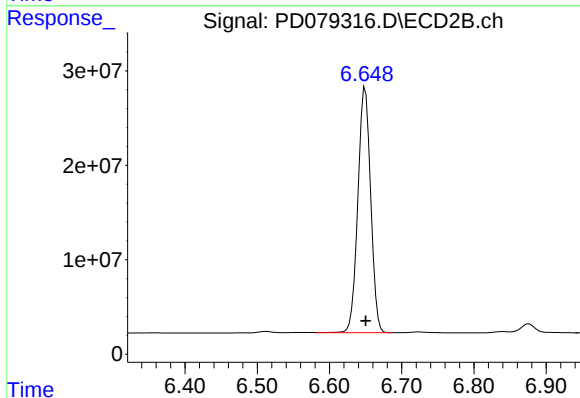
R.T.: 6.358 min
Delta R.T.: -0.012 min
Response: 264996
Conc: 0.11 ng/ml



#20 Methoxychlor

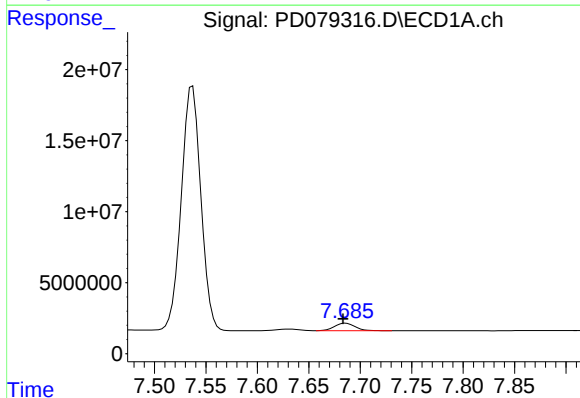
R.T.: 7.537 min
Delta R.T.: 0.003 min
Response: 227107967
Conc: 207.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



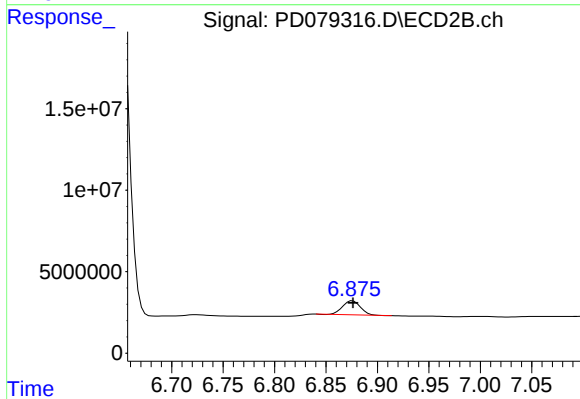
#20 Methoxychlor

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 320204841
Conc: 235.86 ng/ml



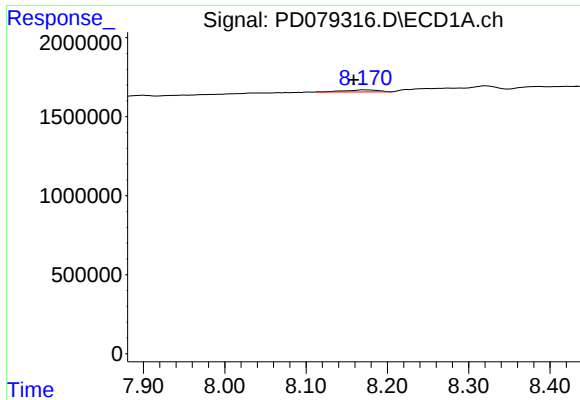
#21 Endrin ketone

R.T.: 7.686 min
Delta R.T.: 0.003 min
Response: 7284149
Conc: 3.34 ng/ml



#21 Endrin ketone

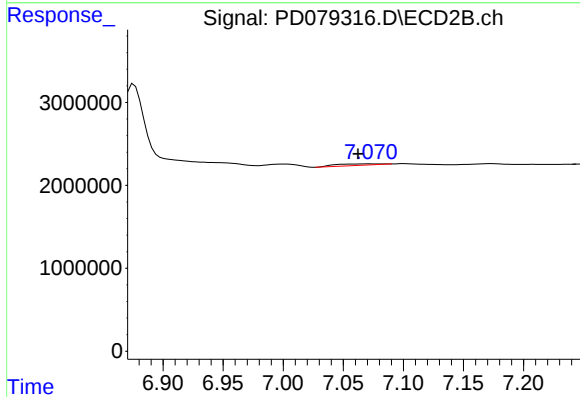
R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 10317931
Conc: 3.69 ng/ml



#22 Mirex

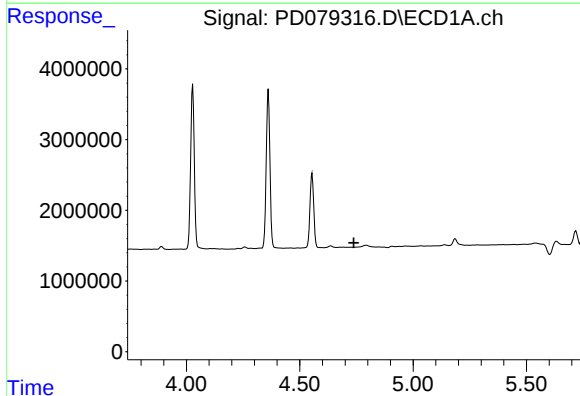
R.T.: 8.171 min
Delta R.T.: 0.012 min
Response: 374693
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



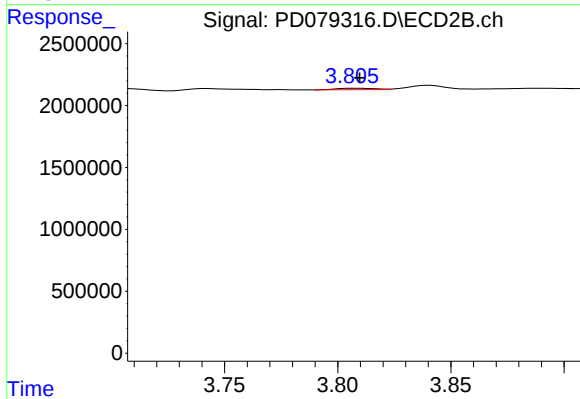
#22 Mirex

R.T.: 7.072 min
Delta R.T.: 0.010 min
Response: 473084
Conc: 0.22 ng/ml



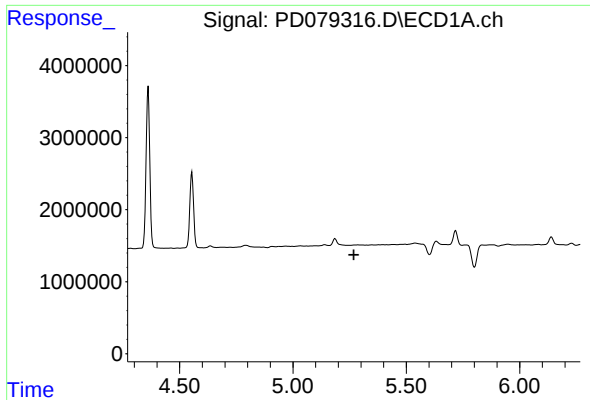
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#23 Chlordane-1

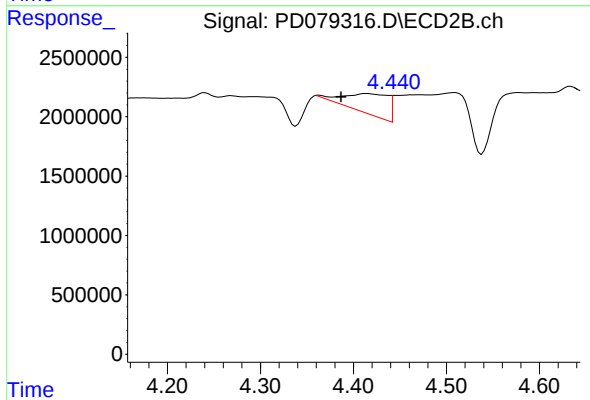
R.T.: 3.807 min
Delta R.T.: -0.002 min
Response: 134805
Conc: 1.55 ng/ml



#24 Chlordane-2

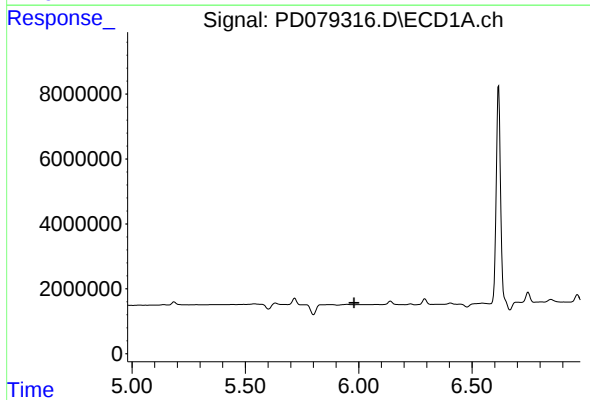
R.T.: 0.000 min
Exp R.T.: 5.268 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



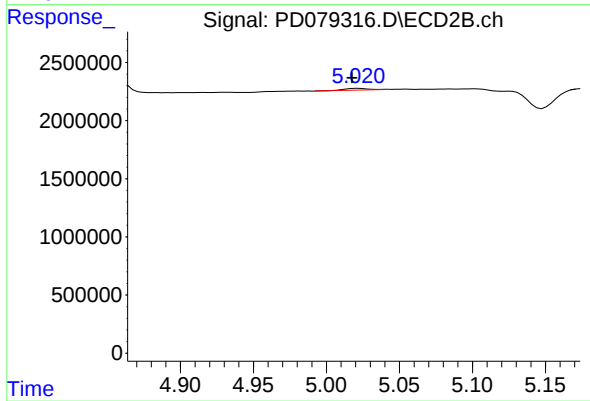
#24 Chlordane-2

R.T.: 4.414 min
Delta R.T.: 0.028 min
Response: 5577965
Conc: 61.39 ng/ml



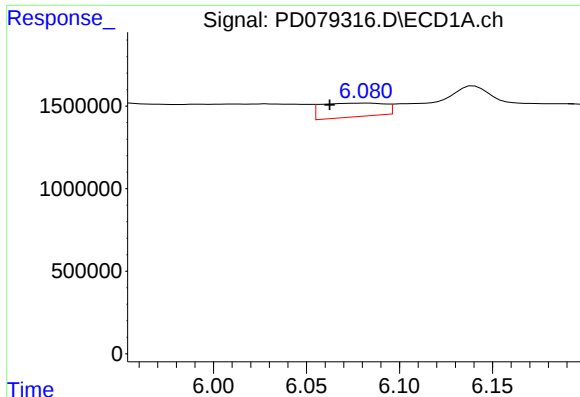
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T.: 5.979 min
Response: 0
Conc: N.D.



#25 Chlordane-3

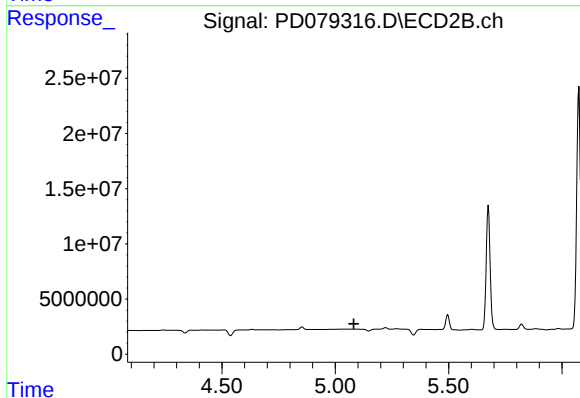
R.T.: 5.021 min
Delta R.T.: 0.004 min
Response: 167943
Conc: 0.63 ng/ml



#26 Chlordane-4

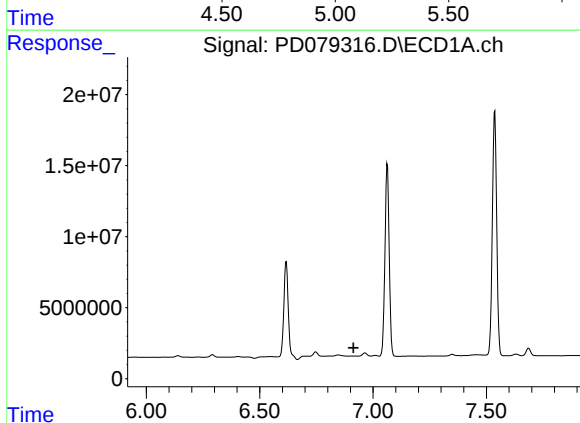
R.T.: 6.083 min
Delta R.T.: 0.020 min
Response: 1978802
Conc: 5.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



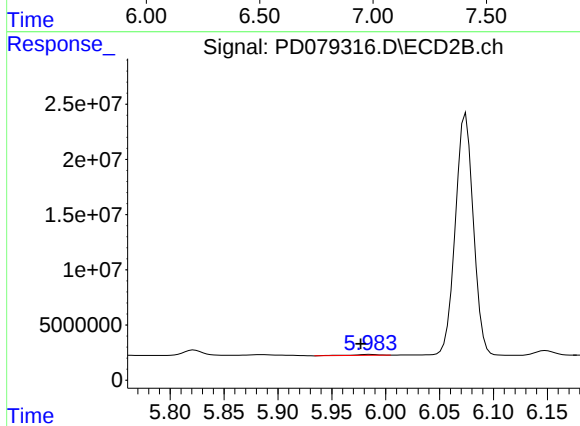
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.081 min
Response: 0
Conc: N.D.



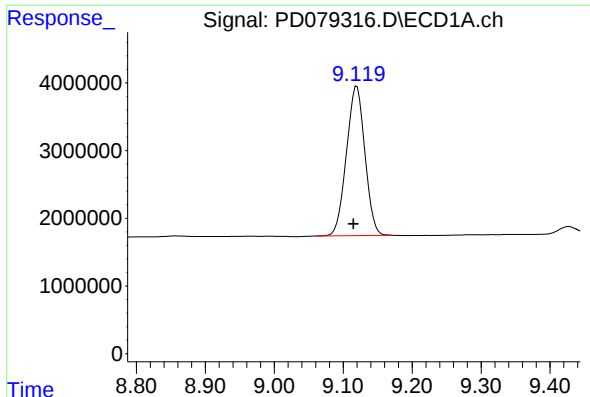
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.914 min
Response: 0
Conc: N.D.



#27 Chlordane-5

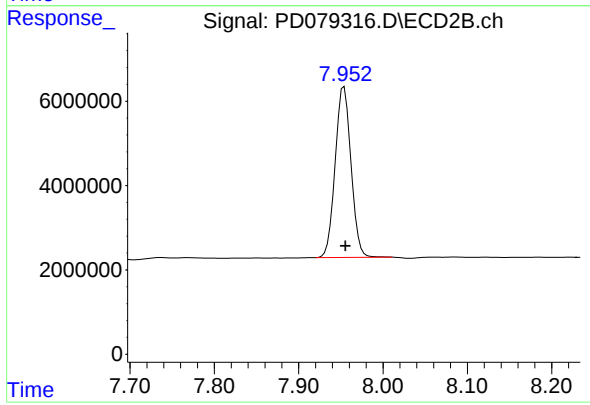
R.T.: 5.985 min
Delta R.T.: 0.008 min
Response: 1299235
Conc: 13.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: 0.005 min
Response: 41104594
Conc: 20.49 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.954 min
Delta R.T.: -0.002 min
Response: 52813012
Conc: 21.67 ng/ml