

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091222\
 Data File : PD071832.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2022 16:21
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

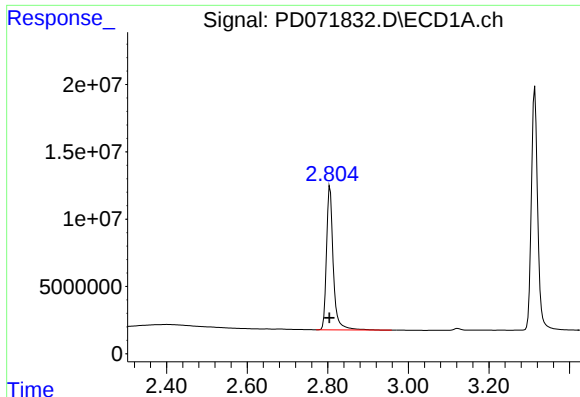
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 04:37:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 10 22:11:50 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	2.805	3.565	123.7E6	1464.1E6	50.602	51.020
28)	SA Decachlor...	7.996	9.091	112.2E6	461.2E6	44.521	49.612
Target Compounds							
2)	A alpha-BHC	3.314	4.031	196.6E6	2035.6E6	51.011	50.727
3)	MA gamma-BHC...	3.648	4.366	180.3E6	1651.3E6	51.361	50.295
4)	MA Heptachlor	3.994	4.944	188.2E6	1198.3E6	50.334	49.595
5)	MB Aldrin	4.277	5.286	186.7E6	1002.1E6	50.981	49.433
6)	B beta-BHC	3.945	4.573	75592071	653.4E6	49.893	49.435
7)	B delta-BHC	4.179	4.820	181.0E6	1255.8E6	51.362	53.723
8)	B Heptachlo...	4.783	5.717	164.4E6	804.5E6	50.285	52.172
9)	A Endosulfan I	5.157	6.105	154.5E6	727.5E6	48.622	49.348
10)	B gamma-Chl...	5.037	5.972	169.9E6	792.4E6	50.392	49.316
11)	B alpha-Chl...	5.101	6.050	166.8E6	765.4E6	50.266	49.056
12)	B 4,4'-DDE	5.292	6.223	156.5E6	729.1E6	51.140	49.491
13)	MA Dieldrin	5.424	6.382	165.5E6	752.9E6	49.473	49.675
14)	MA Endrin	5.701	6.615	143.3E6	613.2E6	48.382	48.549
15)	B Endosulfa...	5.997	6.841	130.4E6	587.5E6	47.345	47.448
16)	A 4,4'-DDD	5.849	6.747	132.8E6	598.7E6	52.359	50.369
17)	MA 4,4'-DDT	6.104	7.058	130.7E6	595.8E6	49.654	48.227
18)	B Endrin al...	6.178	6.972	102.3E6	465.3E6	46.271	48.188
19)	B Endosulfa...	6.401	7.205	128.1E6	549.9E6	47.751	49.308
20)	A Methoxychlor	6.683	7.535	69665320	295.7E6	46.526	48.638
21)	B Endrin ke...	6.911	7.697	146.6E6	615.2E6	48.848	49.466
22)	Mirex	7.098	8.158	109.0E6	408.5E6	46.250	47.172
24)	Chlordane-2	4.404	5.286f	1329661	1002.1E6	10.896	1449.473 #
25)	Chlordane-3	5.037	5.972	169.9E6	792.4E6	499.587	360.699 #
26)	Chlordane-4	5.101	6.050	166.8E6	765.4E6	530.940	297.856 #
27)	Chlordane-5	5.997	0.000	130.4E6	0	1045.311	N.D. #

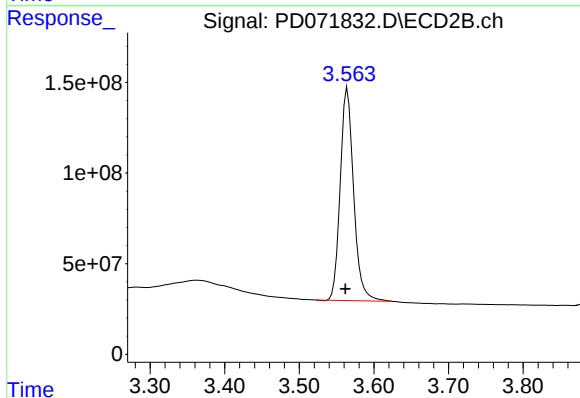
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

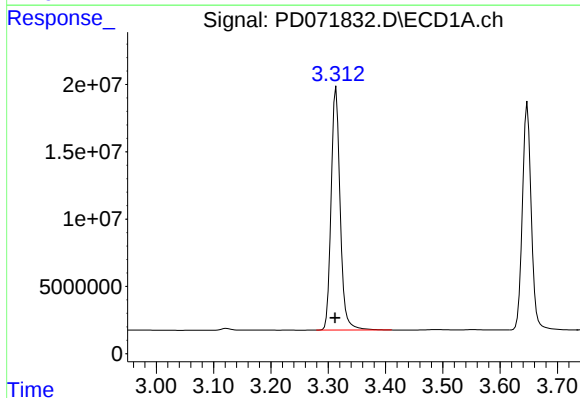
R.T.: 2.805 min
Delta R.T.: 0.001 min
Response: 123735142
Conc: 50.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



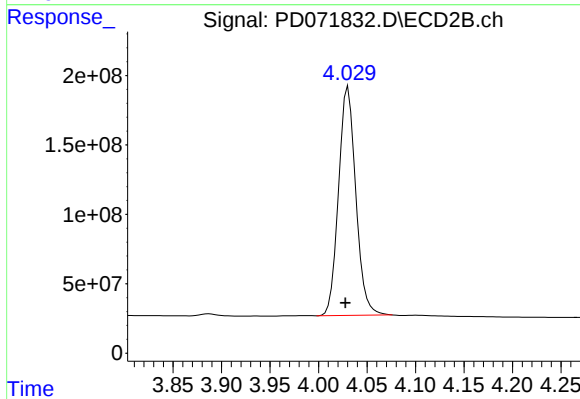
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.003 min
Response: 1464057542
Conc: 51.02 ng/ml



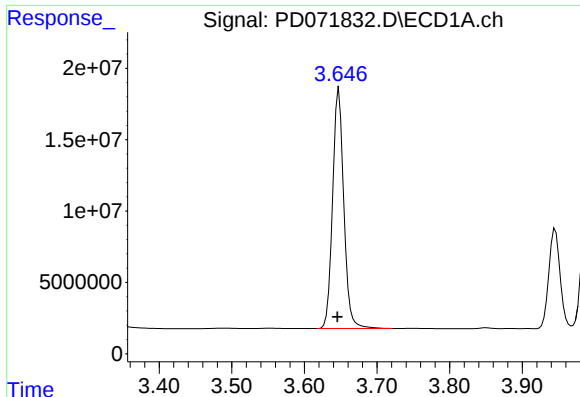
#2 alpha-BHC

R.T.: 3.314 min
Delta R.T.: 0.002 min
Response: 196586256
Conc: 51.01 ng/ml



#2 alpha-BHC

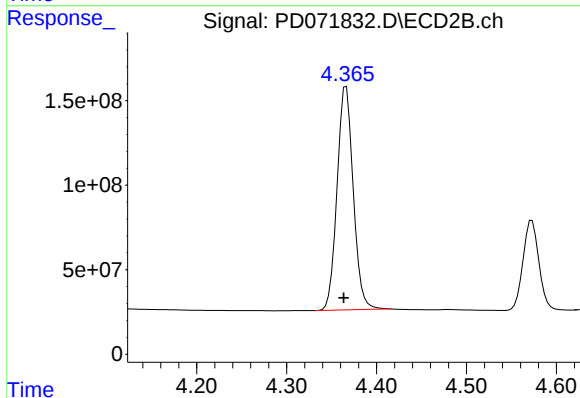
R.T.: 4.031 min
Delta R.T.: 0.003 min
Response: 2035640466
Conc: 50.73 ng/ml



#3 gamma-BHC (Lindane)

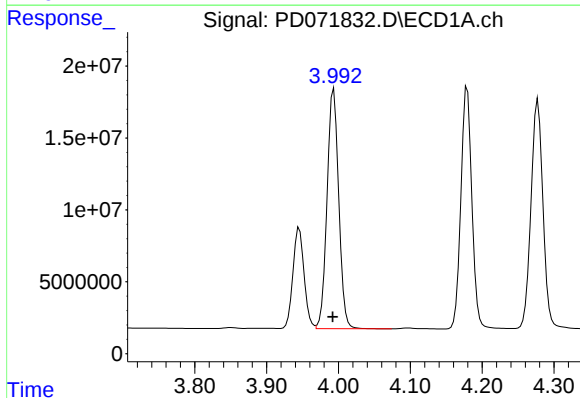
R.T.: 3.648 min
Delta R.T.: 0.002 min
Response: 180333224
Conc: 51.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



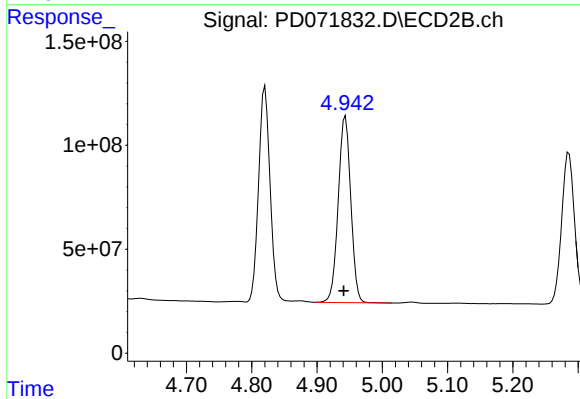
#3 gamma-BHC (Lindane)

R.T.: 4.366 min
Delta R.T.: 0.003 min
Response: 1651307817
Conc: 50.29 ng/ml



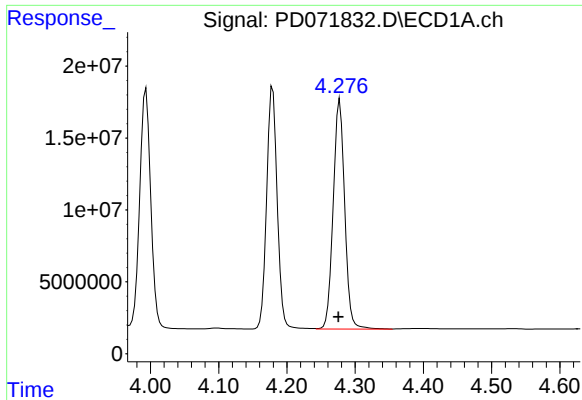
#4 Heptachlor

R.T.: 3.994 min
Delta R.T.: 0.002 min
Response: 188184822
Conc: 50.33 ng/ml



#4 Heptachlor

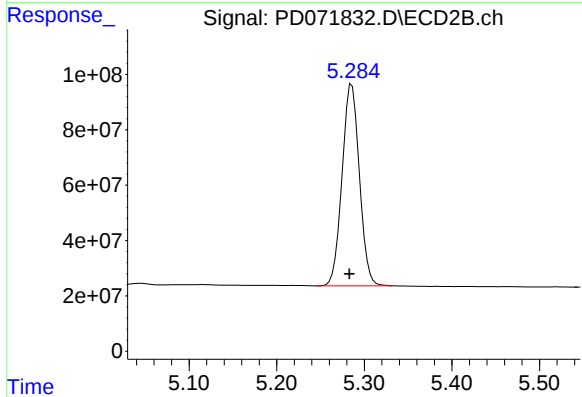
R.T.: 4.944 min
Delta R.T.: 0.003 min
Response: 1198335280
Conc: 49.60 ng/ml



#5 Aldrin

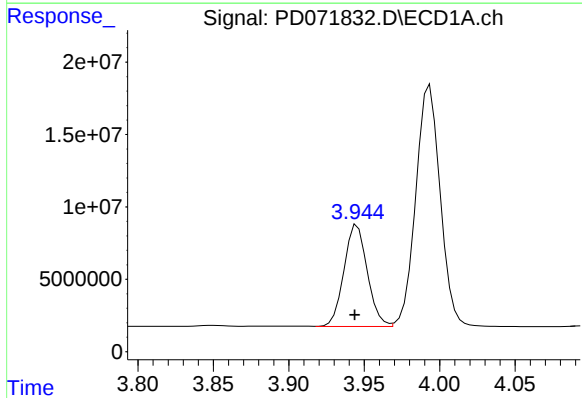
R.T.: 4.277 min
Delta R.T.: 0.002 min
Response: 186685580
Conc: 50.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



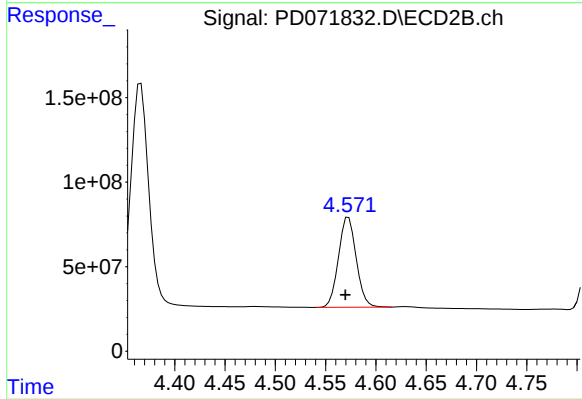
#5 Aldrin

R.T.: 5.286 min
Delta R.T.: 0.002 min
Response: 1002106239
Conc: 49.43 ng/ml



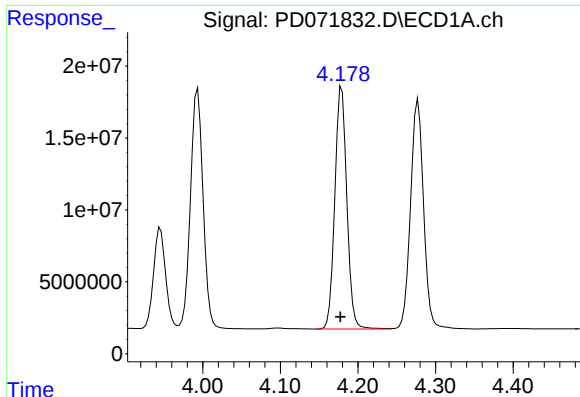
#6 beta-BHC

R.T.: 3.945 min
Delta R.T.: 0.002 min
Response: 75592071
Conc: 49.89 ng/ml



#6 beta-BHC

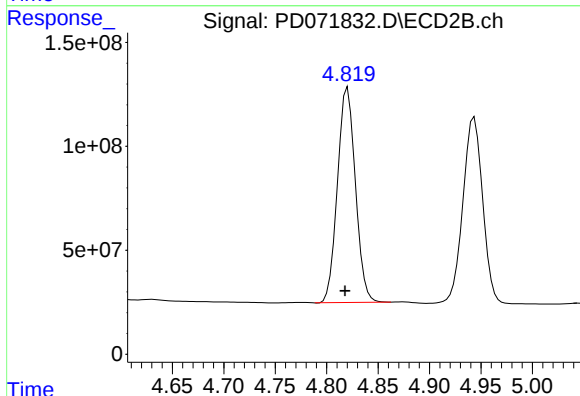
R.T.: 4.573 min
Delta R.T.: 0.003 min
Response: 653373926
Conc: 49.44 ng/ml



#7 delta-BHC

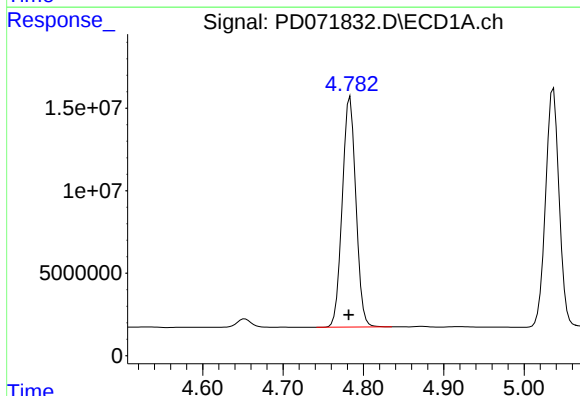
R.T.: 4.179 min
Delta R.T.: 0.002 min
Response: 181005407
Conc: 51.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



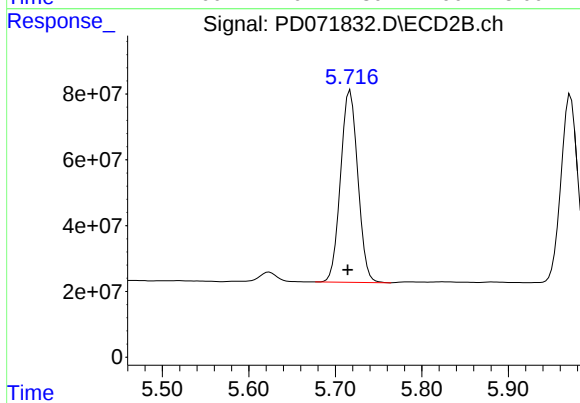
#7 delta-BHC

R.T.: 4.820 min
Delta R.T.: 0.003 min
Response: 1255758881
Conc: 53.72 ng/ml



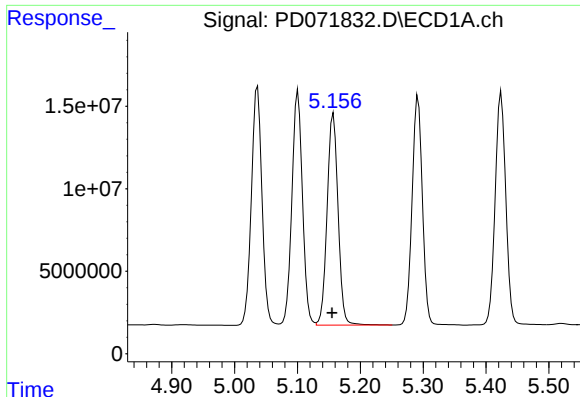
#8 Heptachlor epoxide

R.T.: 4.783 min
Delta R.T.: 0.002 min
Response: 164430816
Conc: 50.29 ng/ml



#8 Heptachlor epoxide

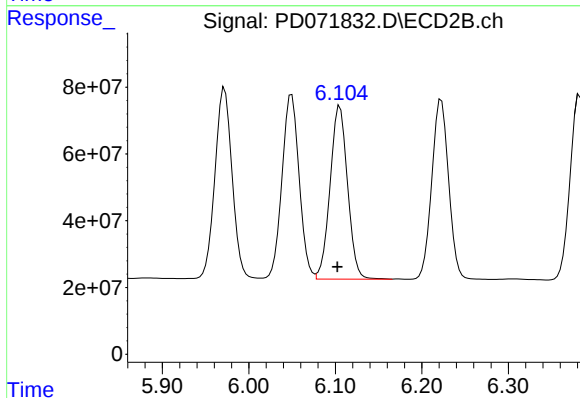
R.T.: 5.717 min
Delta R.T.: 0.003 min
Response: 804485315
Conc: 52.17 ng/ml



#9 Endosulfan I

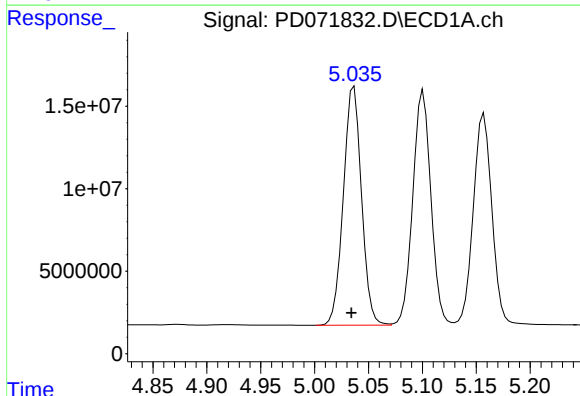
R.T.: 5.157 min
Delta R.T.: 0.002 min
Response: 154531355
Conc: 48.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



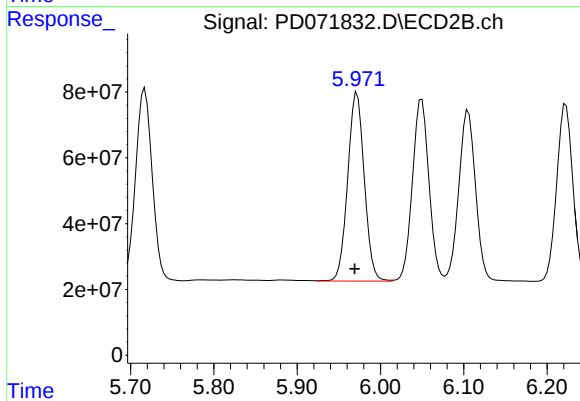
#9 Endosulfan I

R.T.: 6.105 min
Delta R.T.: 0.003 min
Response: 727496411
Conc: 49.35 ng/ml



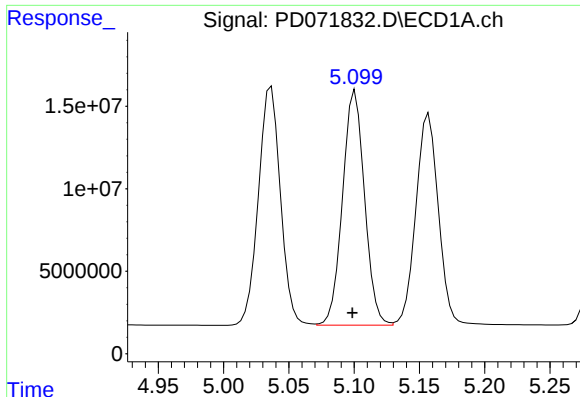
#10 gamma-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.002 min
Response: 169871702
Conc: 50.39 ng/ml



#10 gamma-Chlordane

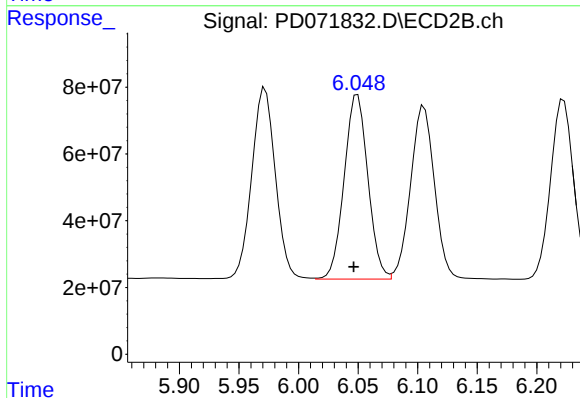
R.T.: 5.972 min
Delta R.T.: 0.003 min
Response: 792389949
Conc: 49.32 ng/ml



#11 alpha-Chlordane

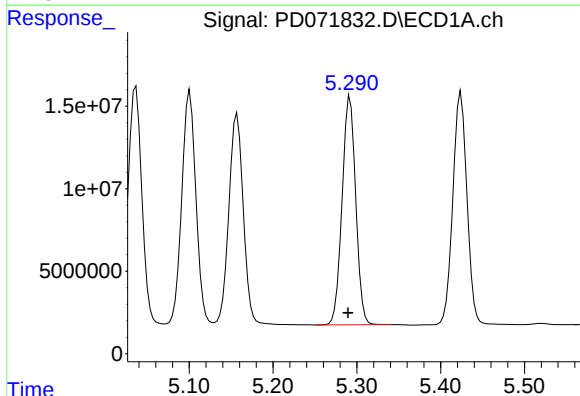
R.T.: 5.101 min
Delta R.T.: 0.002 min
Response: 166817869
Conc: 50.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



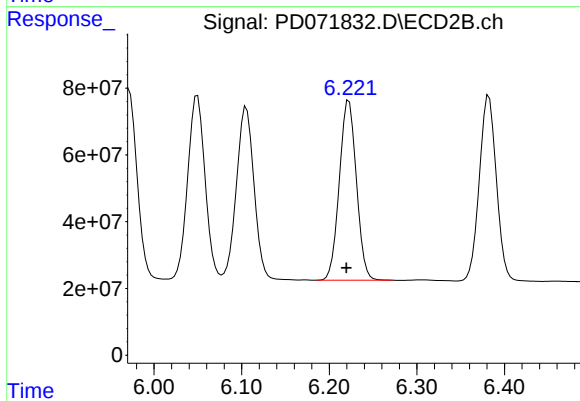
#11 alpha-Chlordane

R.T.: 6.050 min
Delta R.T.: 0.003 min
Response: 765396623
Conc: 49.06 ng/ml



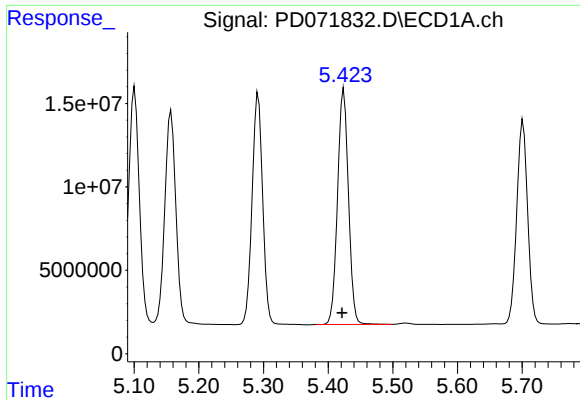
#12 4,4'-DDE

R.T.: 5.292 min
Delta R.T.: 0.002 min
Response: 156474288
Conc: 51.14 ng/ml



#12 4,4'-DDE

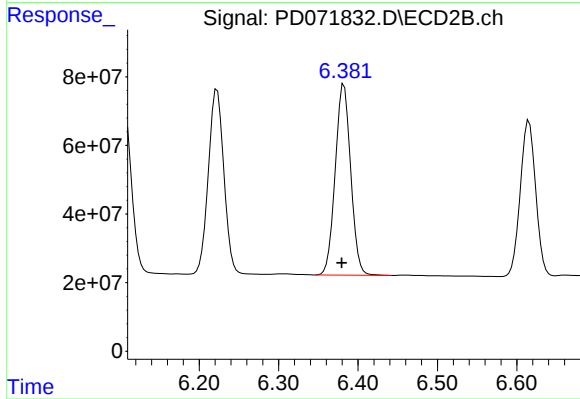
R.T.: 6.223 min
Delta R.T.: 0.003 min
Response: 729061792
Conc: 49.49 ng/ml



#13 Dieldrin

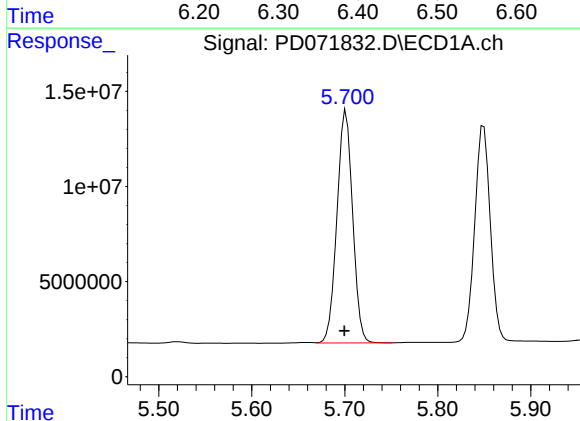
R.T.: 5.424 min
Delta R.T.: 0.002 min
Response: 165468845
Conc: 49.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



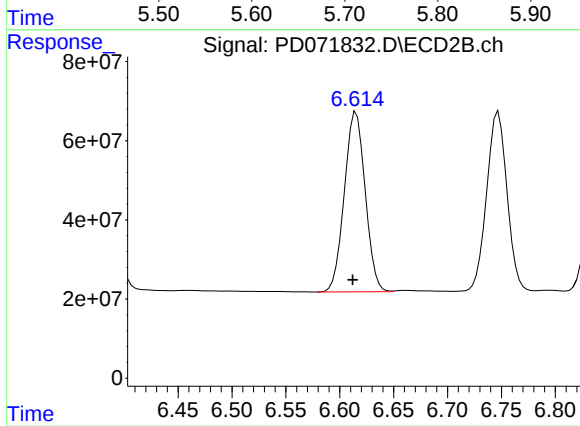
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: 0.003 min
Response: 752920975
Conc: 49.67 ng/ml



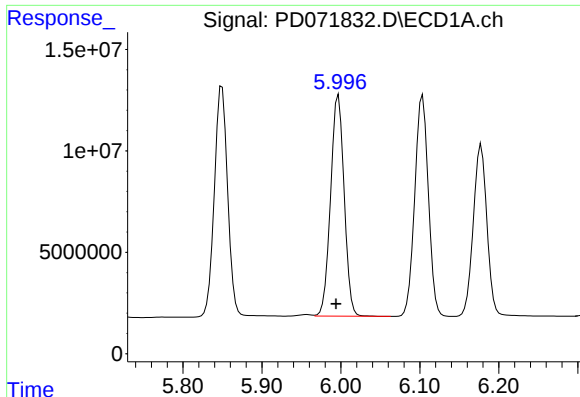
#14 Endrin

R.T.: 5.701 min
Delta R.T.: 0.002 min
Response: 143346686
Conc: 48.38 ng/ml



#14 Endrin

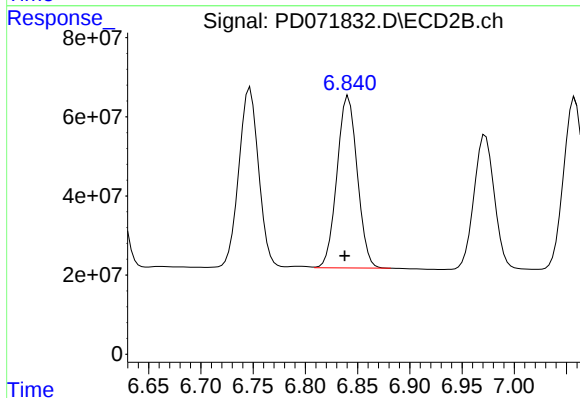
R.T.: 6.615 min
Delta R.T.: 0.003 min
Response: 613196951
Conc: 48.55 ng/ml



#15 Endosulfan II

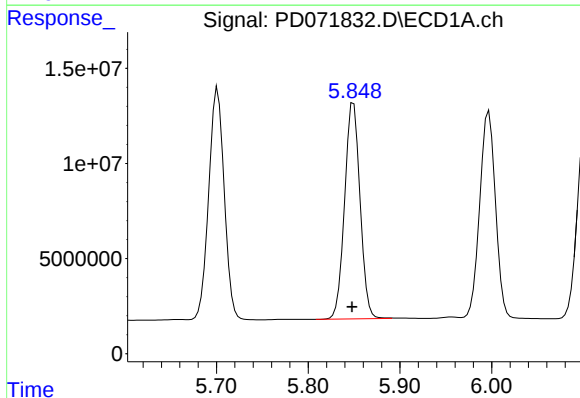
R.T.: 5.997 min
Delta R.T.: 0.003 min
Response: 130415630
Conc: 47.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



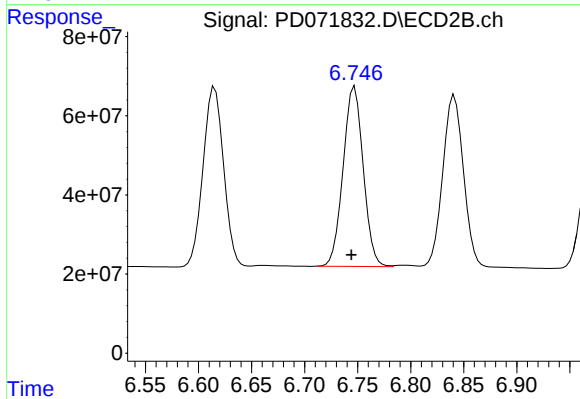
#15 Endosulfan II

R.T.: 6.841 min
Delta R.T.: 0.003 min
Response: 587525374
Conc: 47.45 ng/ml



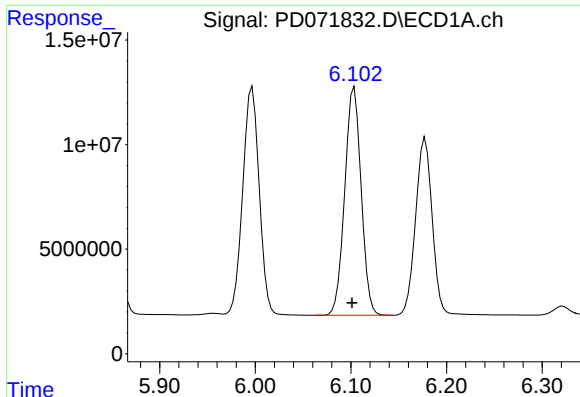
#16 4,4'-DDD

R.T.: 5.849 min
Delta R.T.: 0.002 min
Response: 132759552
Conc: 52.36 ng/ml



#16 4,4'-DDD

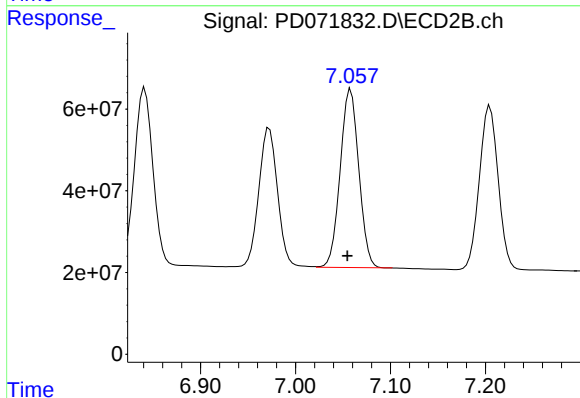
R.T.: 6.747 min
Delta R.T.: 0.003 min
Response: 598665937
Conc: 50.37 ng/ml



#17 4,4'-DDT

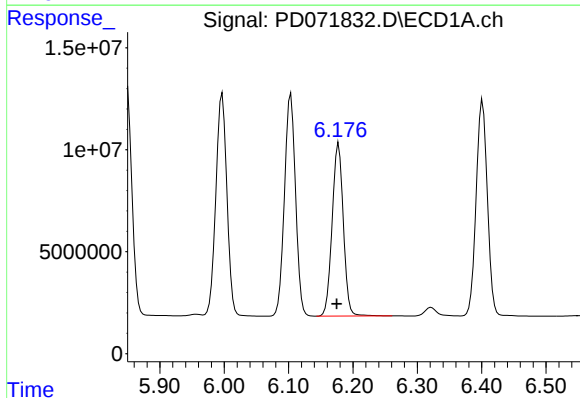
R.T.: 6.104 min
Delta R.T.: 0.002 min
Response: 130690426
Conc: 49.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



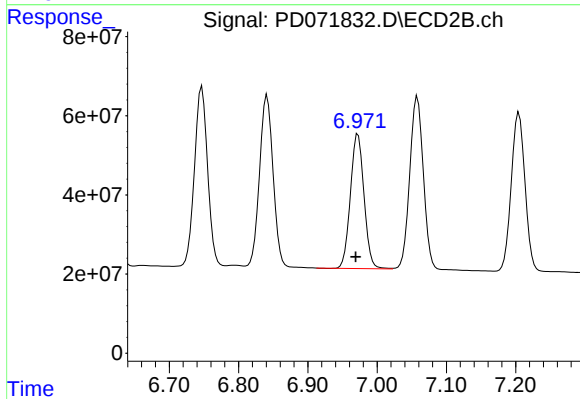
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.003 min
Response: 595788685
Conc: 48.23 ng/ml



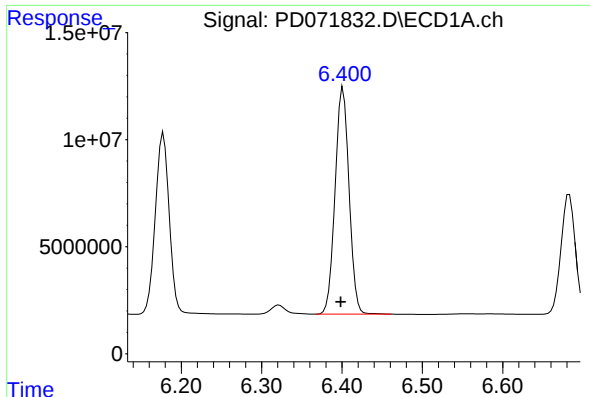
#18 Endrin aldehyde

R.T.: 6.178 min
Delta R.T.: 0.003 min
Response: 102328152
Conc: 46.27 ng/ml



#18 Endrin aldehyde

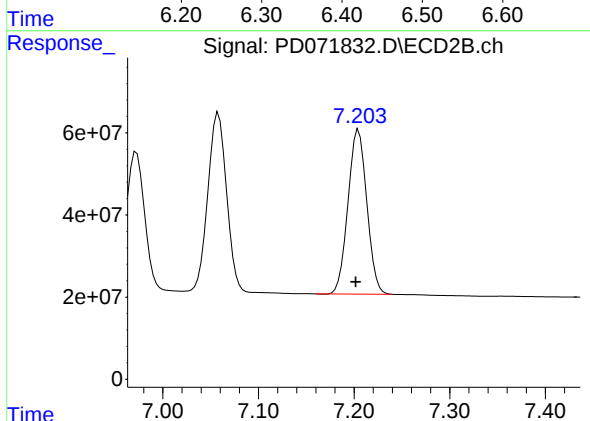
R.T.: 6.972 min
Delta R.T.: 0.003 min
Response: 465258287
Conc: 48.19 ng/ml



#19 Endosulfan Sulfate

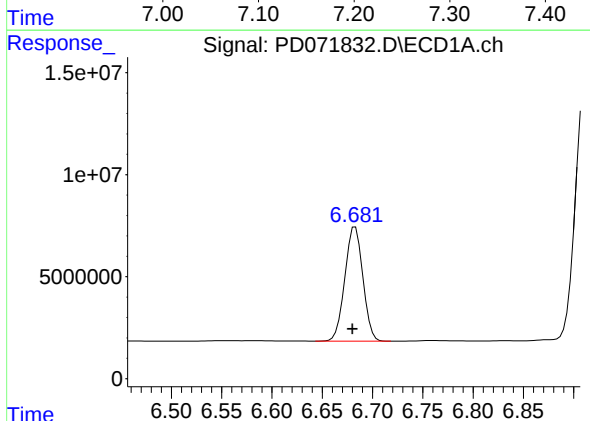
R.T.: 6.401 min
Delta R.T.: 0.003 min
Response: 128062339
Conc: 47.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



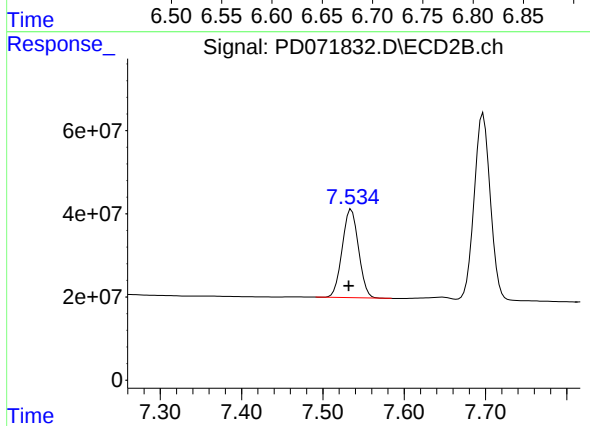
#19 Endosulfan Sulfate

R.T.: 7.205 min
Delta R.T.: 0.003 min
Response: 549905511
Conc: 49.31 ng/ml



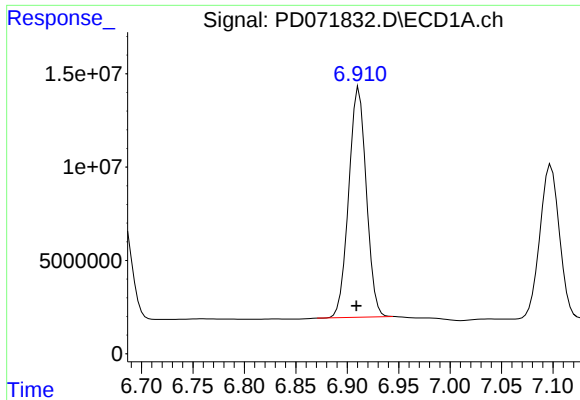
#20 Methoxychlor

R.T.: 6.683 min
Delta R.T.: 0.003 min
Response: 69665320
Conc: 46.53 ng/ml



#20 Methoxychlor

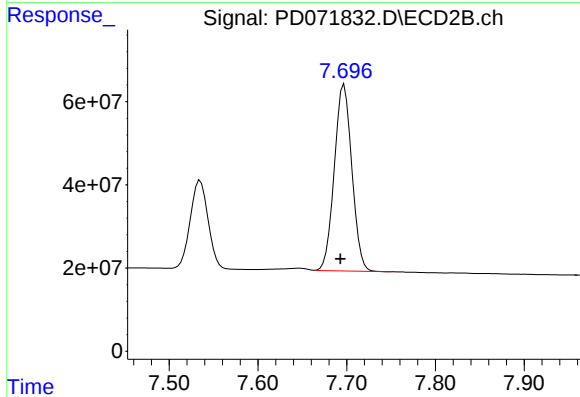
R.T.: 7.535 min
Delta R.T.: 0.003 min
Response: 295676870
Conc: 48.64 ng/ml



#21 Endrin ketone

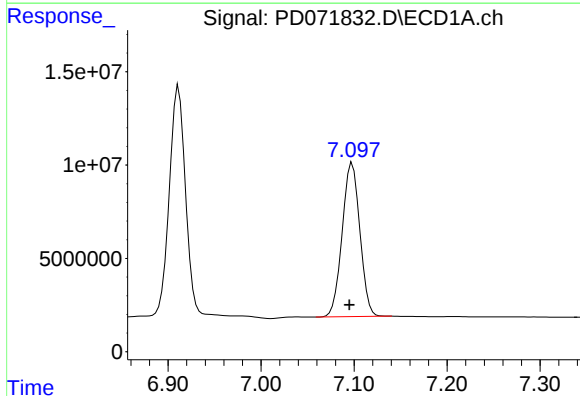
R.T.: 6.911 min
Delta R.T.: 0.003 min
Response: 146572500
Conc: 48.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



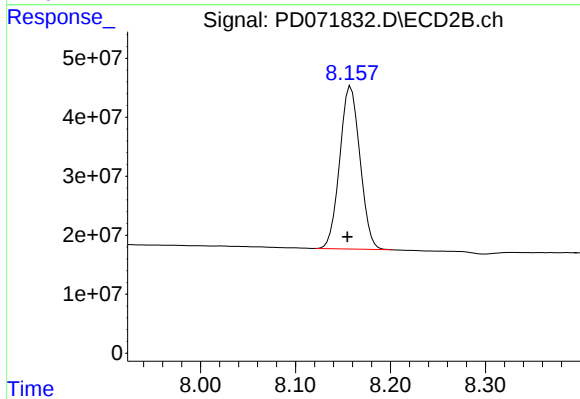
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: 0.004 min
Response: 615214717
Conc: 49.47 ng/ml



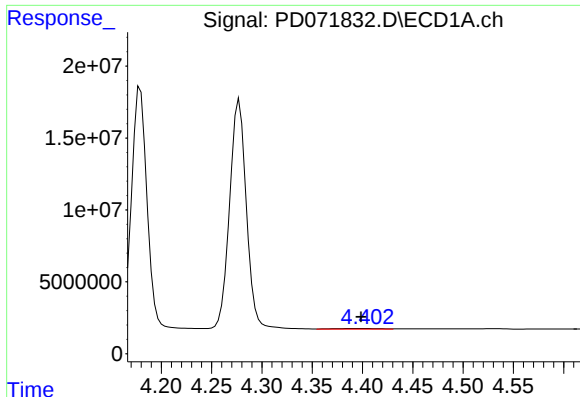
#22 Mirex

R.T.: 7.098 min
Delta R.T.: 0.003 min
Response: 109001659
Conc: 46.25 ng/ml



#22 Mirex

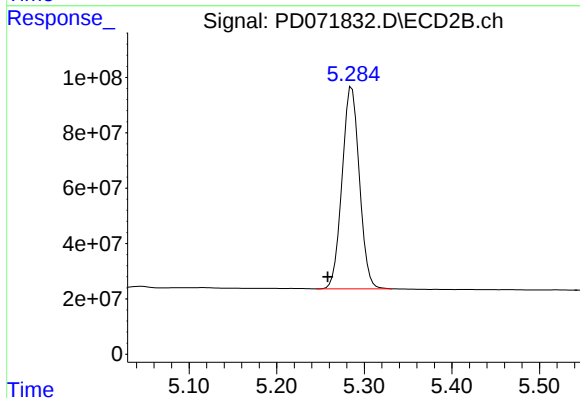
R.T.: 8.158 min
Delta R.T.: 0.004 min
Response: 408516874
Conc: 47.17 ng/ml



#24 Chlordane-2

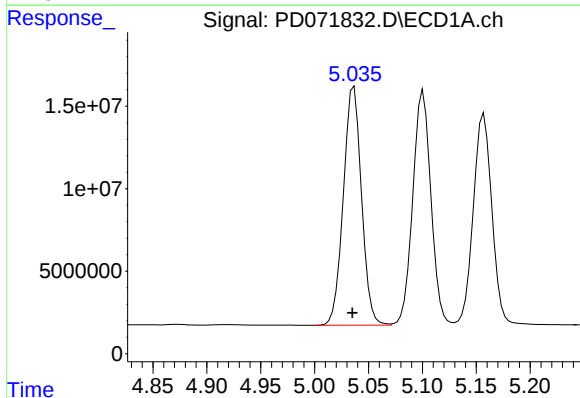
R.T.: 4.404 min
Delta R.T.: 0.005 min
Response: 1329661
Conc: 10.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



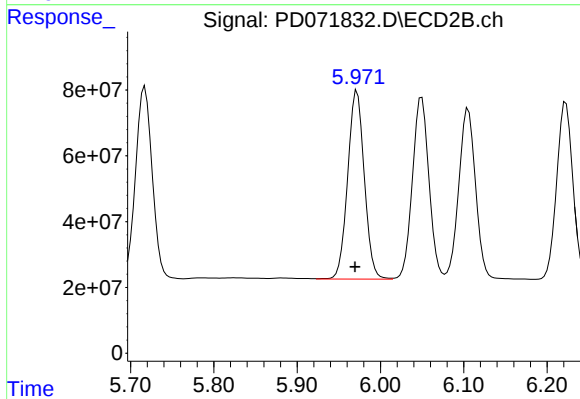
#24 Chlordane-2

R.T.: 5.286 min
Delta R.T.: 0.027 min
Response: 1002106239
Conc: 1449.47 ng/ml



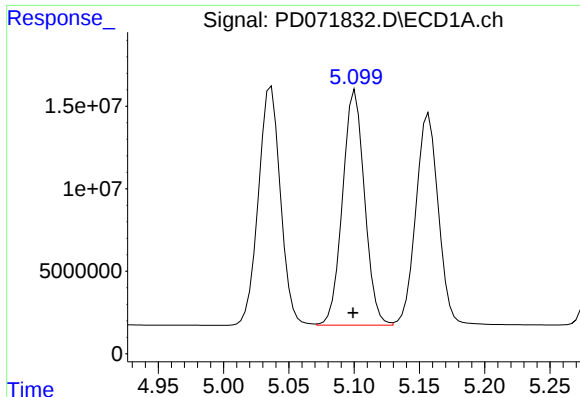
#25 Chlordane-3

R.T.: 5.037 min
Delta R.T.: 0.002 min
Response: 169871702
Conc: 499.59 ng/ml



#25 Chlordane-3

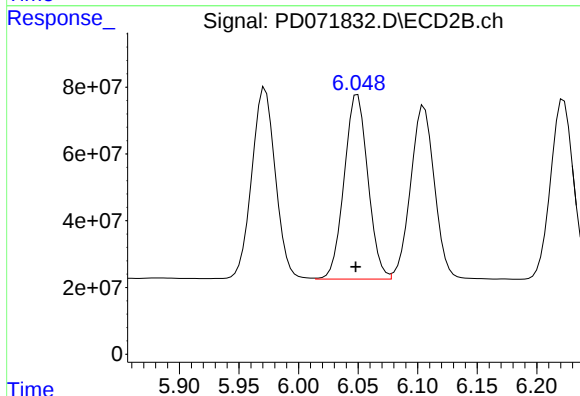
R.T.: 5.972 min
Delta R.T.: 0.002 min
Response: 792389949
Conc: 360.70 ng/ml



#26 Chlordane-4

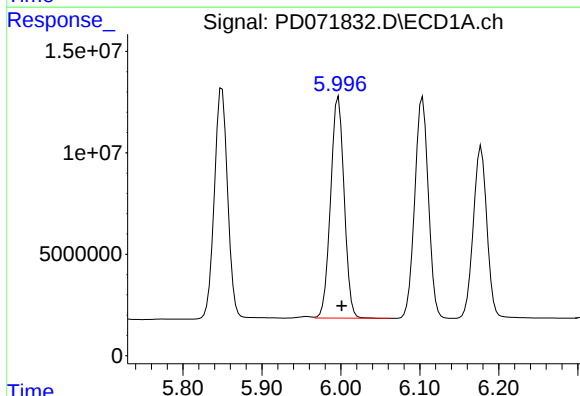
R.T.: 5.101 min
Delta R.T.: 0.002 min
Response: 166817869
Conc: 530.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



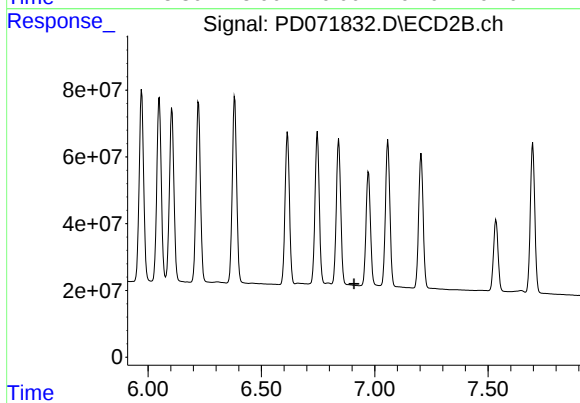
#26 Chlordane-4

R.T.: 6.050 min
Delta R.T.: 0.002 min
Response: 765396623
Conc: 297.86 ng/ml



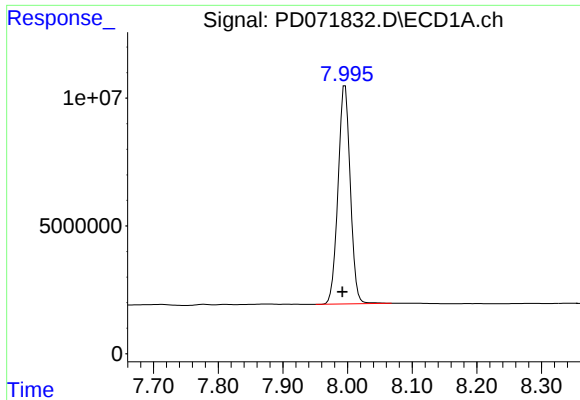
#27 Chlordane-5

R.T.: 5.997 min
Delta R.T.: -0.004 min
Response: 130415630
Conc: 1045.31 ng/ml



#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.909 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

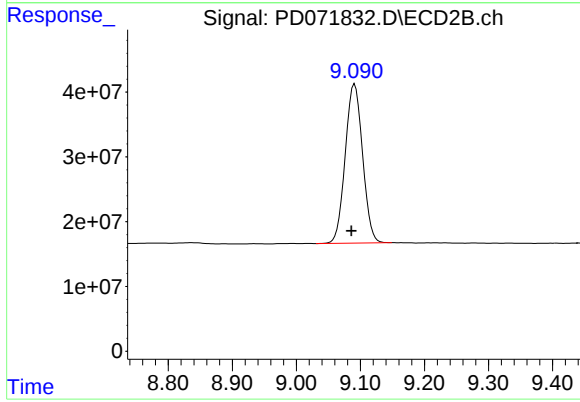
R.T.: 7.996 min

Delta R.T.: 0.004 min

Response: 112160608

Conc: 44.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.091 min

Delta R.T.: 0.005 min

Response: 461246124

Conc: 49.61 ng/ml