

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110223\
 Data File : PD079320.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2023 19:17
 Operator : AR\AJ
 Sample : PB156732BD
 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: Oct 31 22:17:34 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...	3.569	2.806	28299733	41834246	17.528	18.069
28)	SA Decachlor...	9.117	7.953	39750062	49401751	19.815	20.267
Target Compounds							
2)	A alpha-BHC	4.027	3.309	131.4E6	179.7E6	49.351	51.812
3)	MA gamma-BHC...	4.360	3.639	122.4E6	169.0E6	47.099	49.755
4)	MA Heptachlor	4.953	3.982	129.3E6	166.8E6	48.328	54.611
5)	MB Aldrin	5.296	4.263	123.7E6	165.0E6	48.015	50.426
6)	B beta-BHC	4.553	3.934	50500261	70124620	47.126	49.765
7)	B delta-BHC	4.802	4.165	120.5E6	170.7E6	45.030	50.991
8)	B Heptachlo...	5.722	4.765	114.6E6	153.5E6	48.896	51.765
9)	A Endosulfan I	6.109	5.135	107.8E6	135.4E6	49.738	51.156
10)	B gamma-Chl...	5.978	5.015	113.8E6	148.2E6	49.617	51.639
11)	B alpha-Chl...	6.058	5.080	112.4E6	145.4E6	49.316	50.665
12)	B 4,4'-DDE	6.229	5.269	106.5E6	145.0E6	50.403	54.455
13)	MA Dieldrin	6.384	5.400	112.3E6	152.6E6	48.223	51.369
14)	MA Endrin	6.615	5.675	90896961	129.9E6	46.671	50.768
15)	B Endosulfa...	6.832	5.968	94302266	126.0E6	46.235	50.481
16)	A 4,4'-DDD	6.745	5.822	89999582	125.8E6	51.196	55.070
17)	MA 4,4'-DDT	7.061	6.074	94034930	120.9E6	49.657	52.816
18)	B Endrin al...	6.962	6.147	67135587	98391697	43.473	52.918
19)	B Endosulfa...	7.197	6.369	97318536	126.4E6	48.950	54.137
20)	A Methoxychlor	7.535	6.649	48106646	64934113	43.902	47.829
21)	B Endrin ke...	7.683	6.876	106.6E6	150.5E6	48.900	53.818
22)	Mirex	8.160	7.061	80591680	112.1E6	47.612	52.478
23)	Chlordane-1	0.000	3.805	0	213164	N.D.	2.454 #
24)	Chlordane-2	5.296f	0.000	123.7E6	0	1549.887	N.D. #
25)	Chlordane-3	5.978	5.015	113.8E6	148.2E6	366.959	555.522 #
26)	Chlordane-4	6.058	5.080	112.4E6	145.4E6	302.672	592.553 #
27)	Chlordane-5	0.000	5.968	0	126.0E6	N.D.	1264.511 #

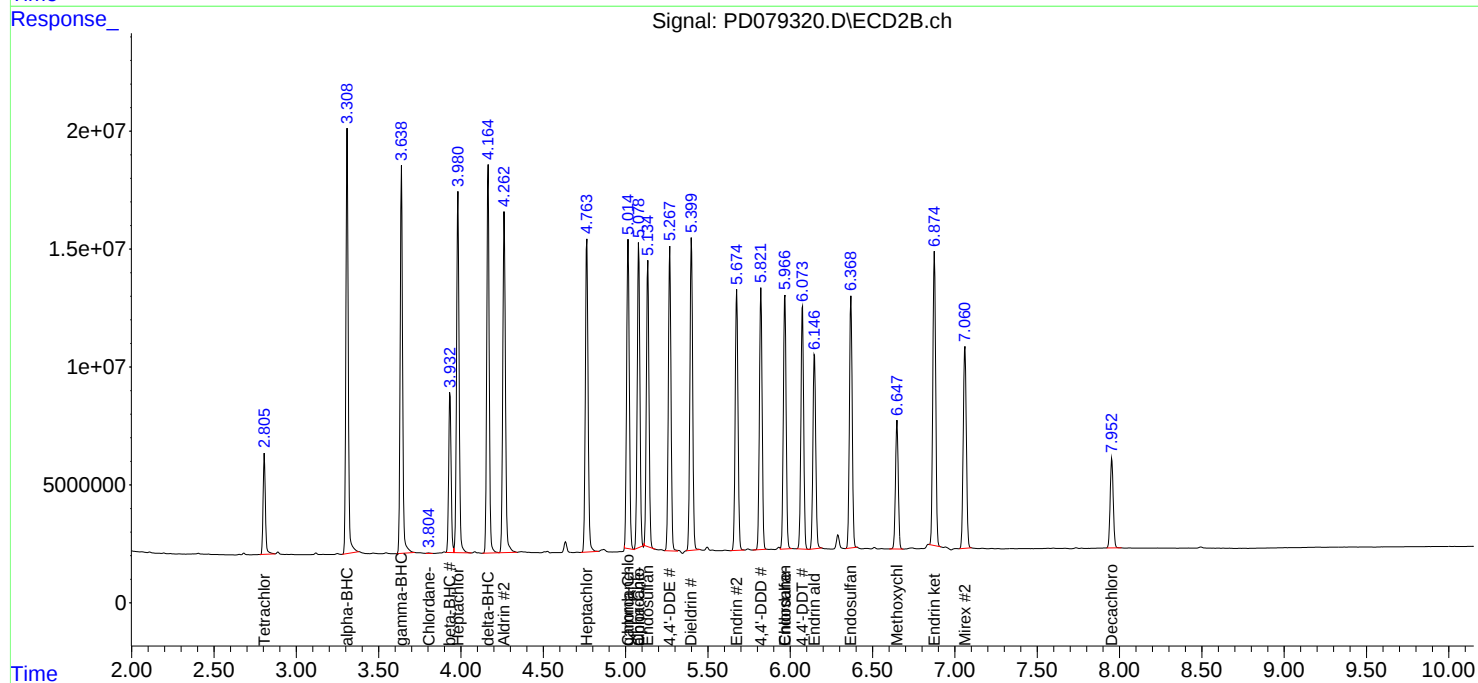
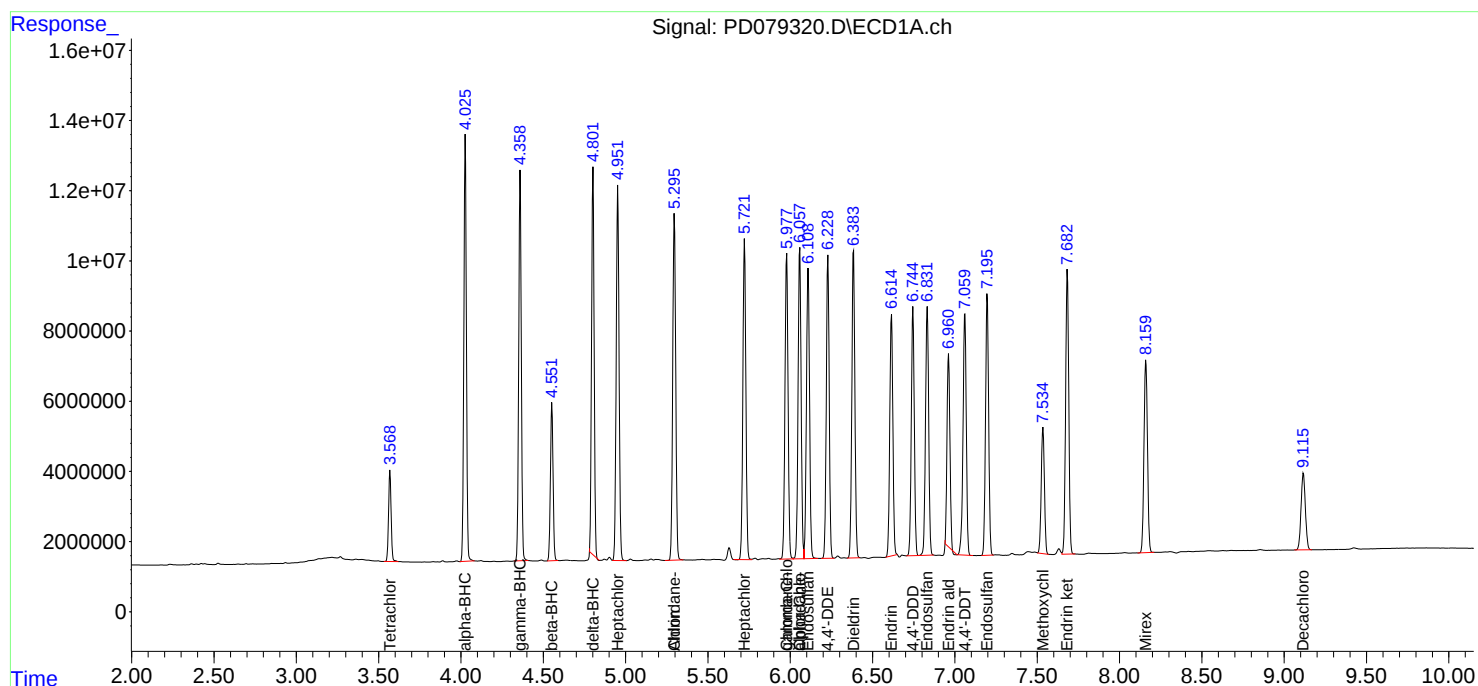
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

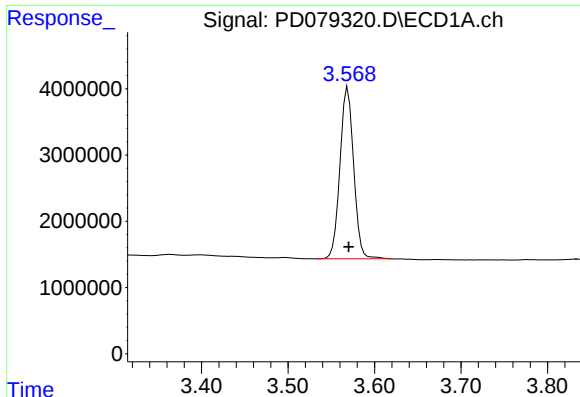
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110223\
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Integration File signal 1: autoint1.e
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

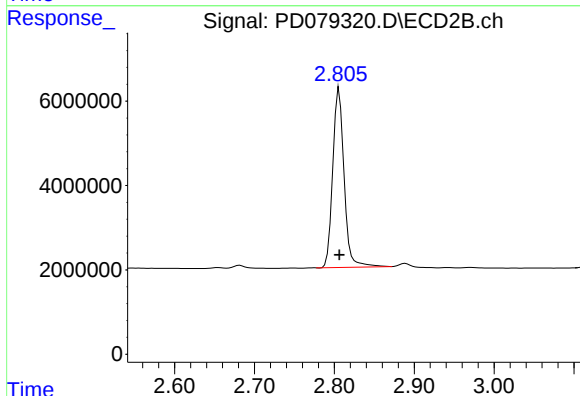




#1 Tetrachloro-m-xylene

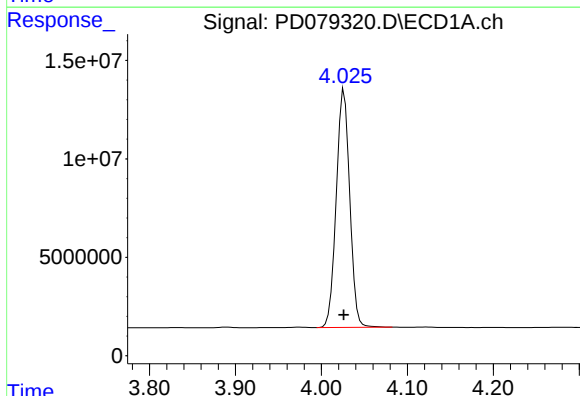
R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 28299733
Conc: 17.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



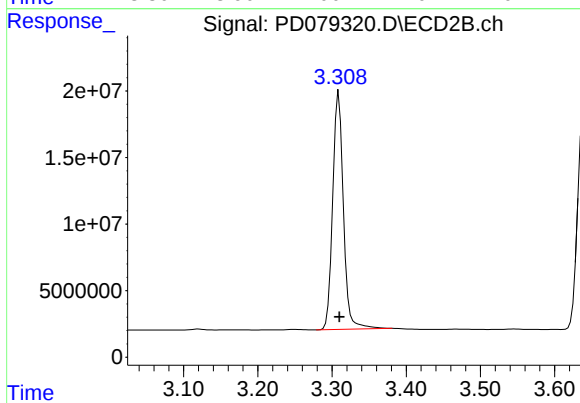
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 41834246
Conc: 18.07 ng/ml



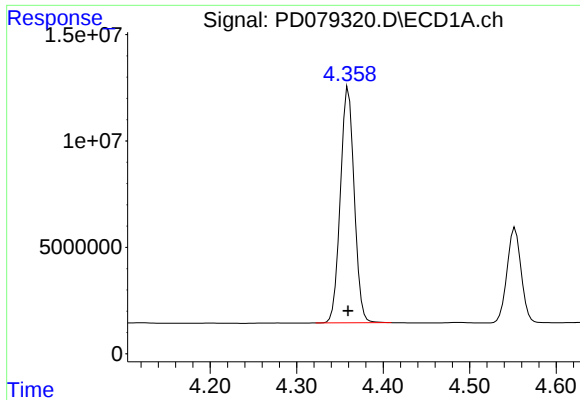
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 131376415
Conc: 49.35 ng/ml



#2 alpha-BHC

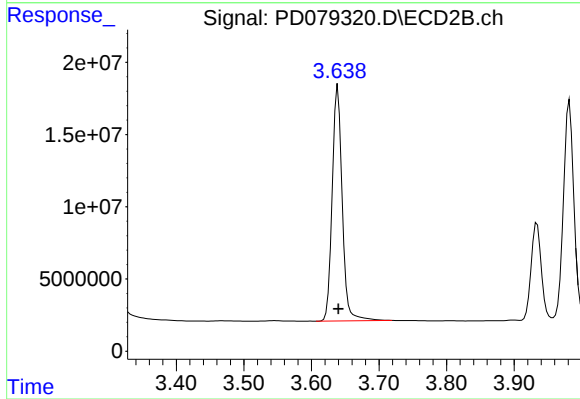
R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 179653658
Conc: 51.81 ng/ml



#3 gamma-BHC (Lindane)

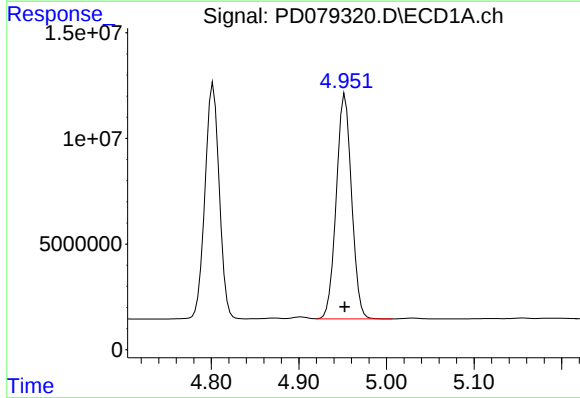
R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 122401891
Conc: 47.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



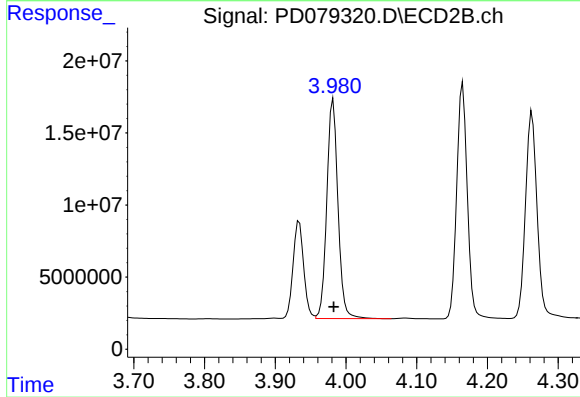
#3 gamma-BHC (Lindane)

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 168958329
Conc: 49.76 ng/ml



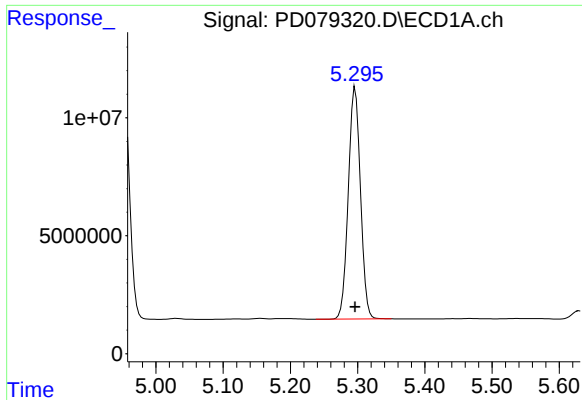
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 129275334
Conc: 48.33 ng/ml



#4 Heptachlor

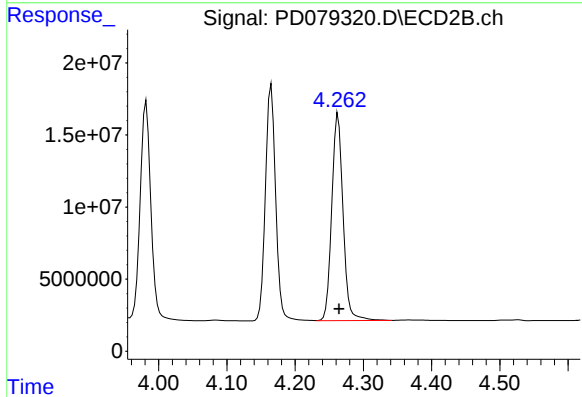
R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 166789981
Conc: 54.61 ng/ml



#5 Aldrin

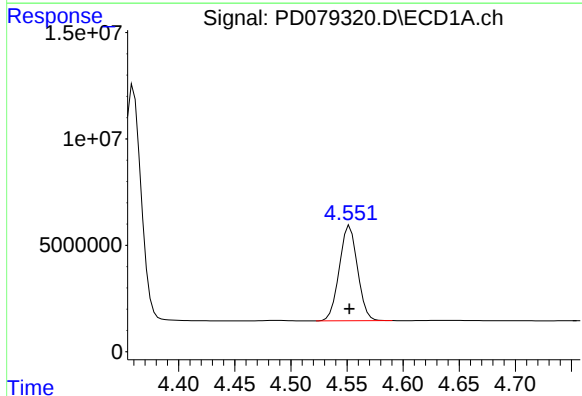
R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 123724288
Conc: 48.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



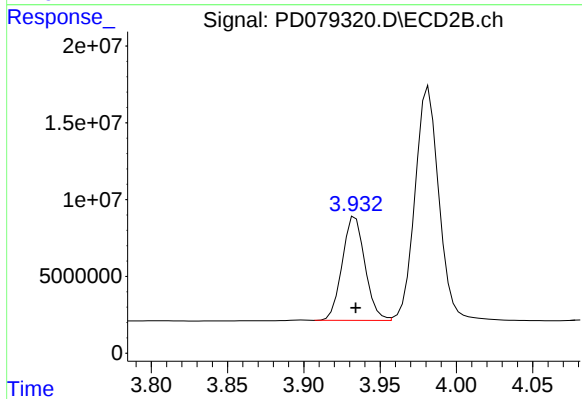
#5 Aldrin

R.T.: 4.263 min
Delta R.T.: -0.001 min
Response: 164960032
Conc: 50.43 ng/ml



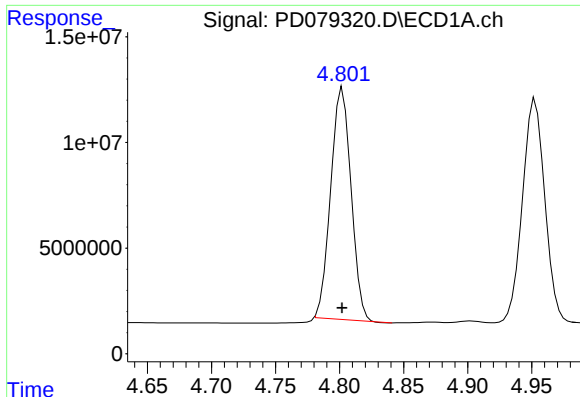
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 50500261
Conc: 47.13 ng/ml



#6 beta-BHC

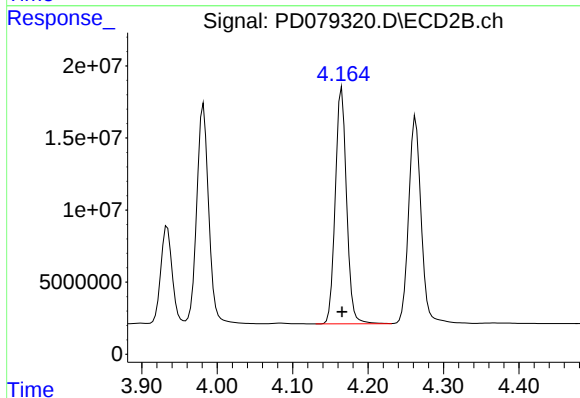
R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 70124620
Conc: 49.77 ng/ml



#7 delta-BHC

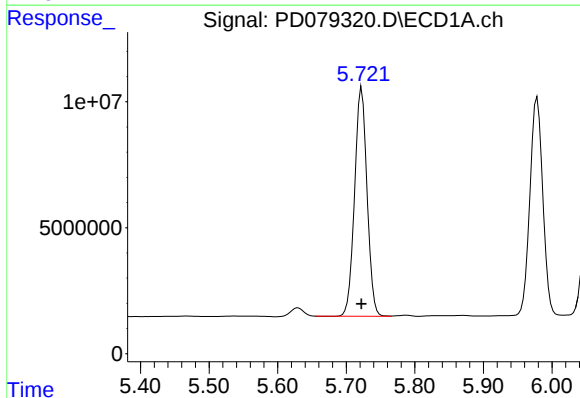
R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 120549156
Conc: 45.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



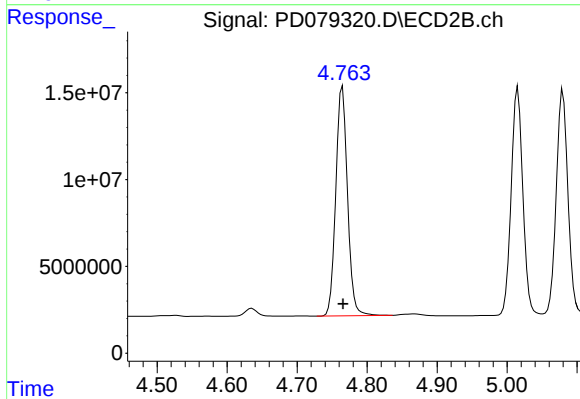
#7 delta-BHC

R.T.: 4.165 min
Delta R.T.: 0.000 min
Response: 170730048
Conc: 50.99 ng/ml



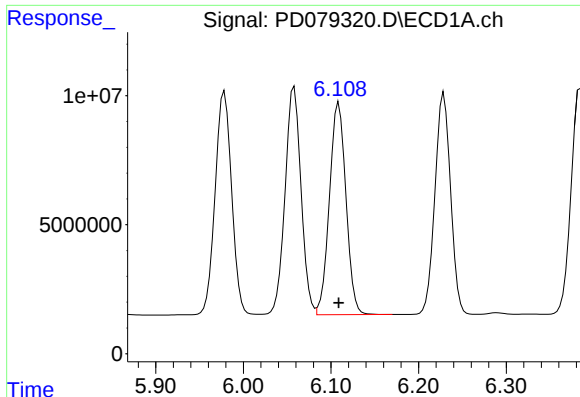
#8 Heptachlor epoxide

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 114597462
Conc: 48.90 ng/ml



#8 Heptachlor epoxide

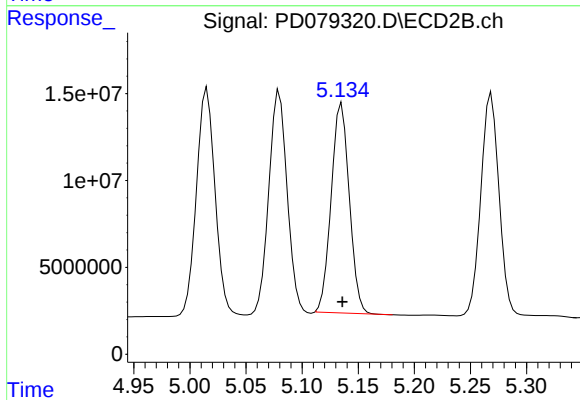
R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 153466120
Conc: 51.76 ng/ml



#9 Endosulfan I

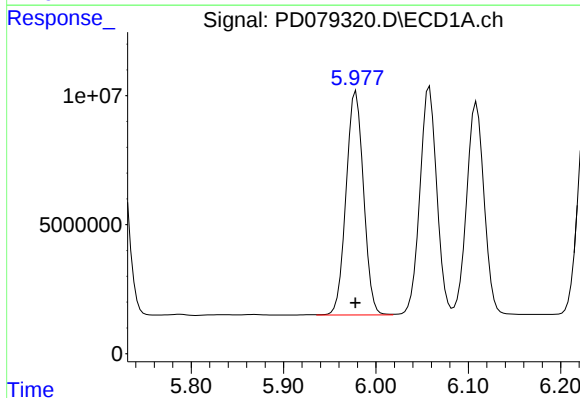
R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 107829314
Conc: 49.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



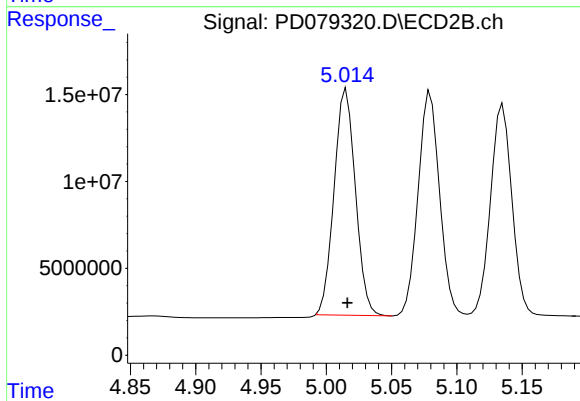
#9 Endosulfan I

R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 135446164
Conc: 51.16 ng/ml



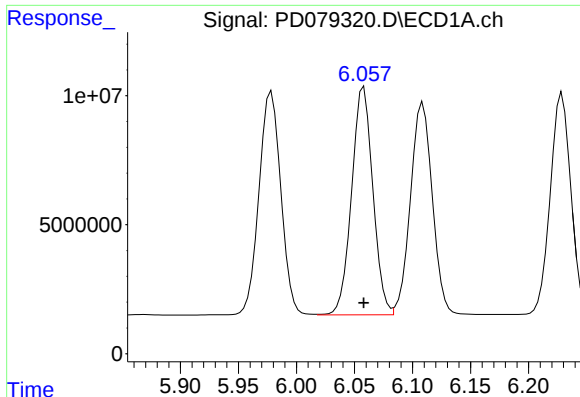
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 113759123
Conc: 49.62 ng/ml



#10 gamma-Chlordane

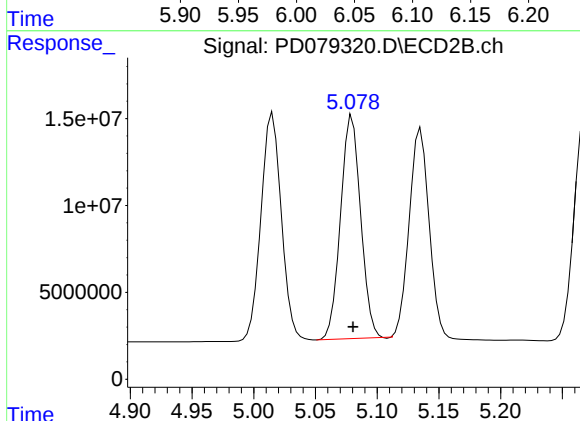
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 148175347
Conc: 51.64 ng/ml



#11 alpha-Chlordane

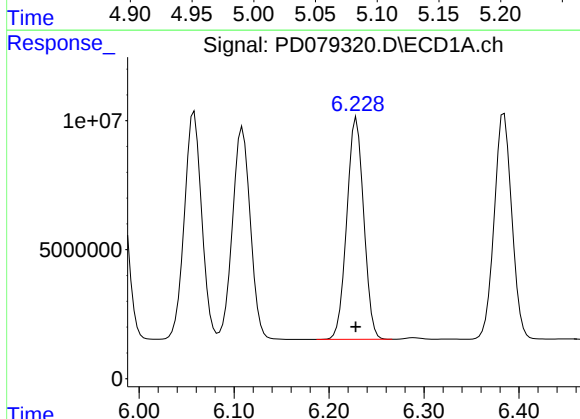
R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 112449818
Conc: 49.32 ng/ml

Instrument :
ECD_D
ClientSampleId :



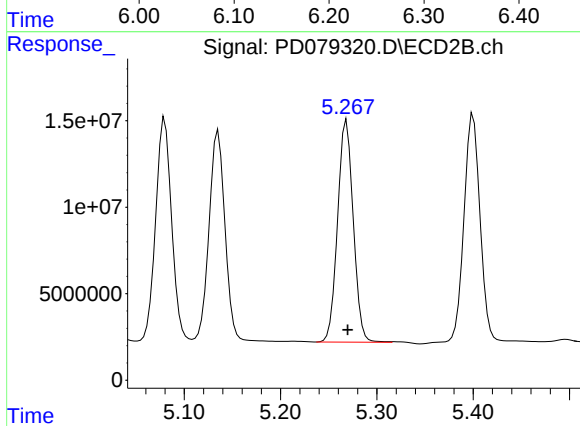
#11 alpha-Chlordane

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 145400040
Conc: 50.66 ng/ml



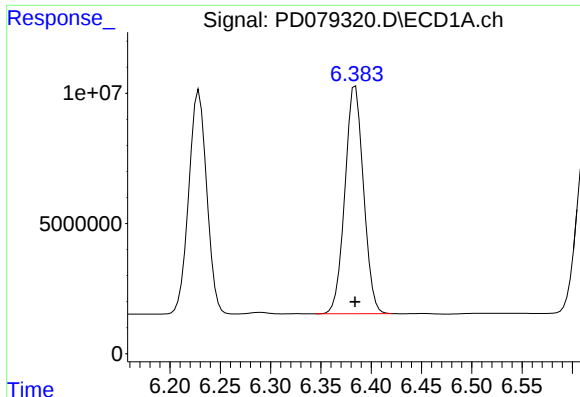
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 106505311
Conc: 50.40 ng/ml



#12 4,4'-DDE

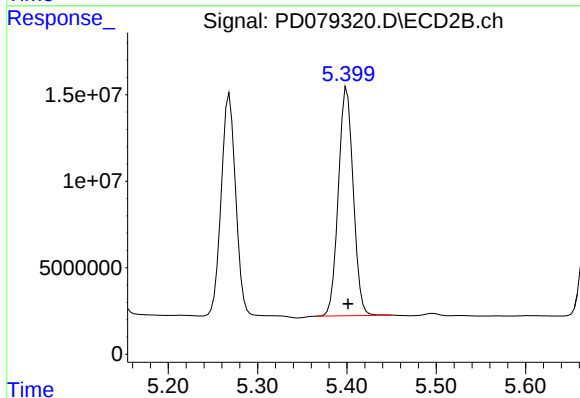
R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 144981235
Conc: 54.46 ng/ml



#13 Dieldrin

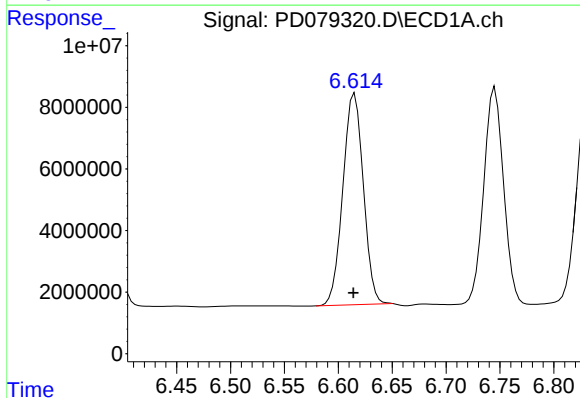
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 112303706
Conc: 48.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



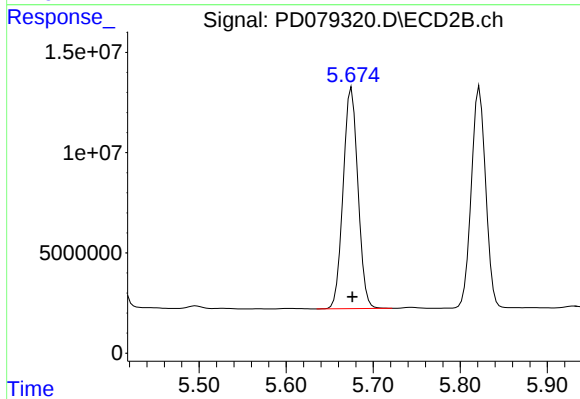
#13 Dieldrin

R.T.: 5.400 min
Delta R.T.: -0.001 min
Response: 152560589
Conc: 51.37 ng/ml



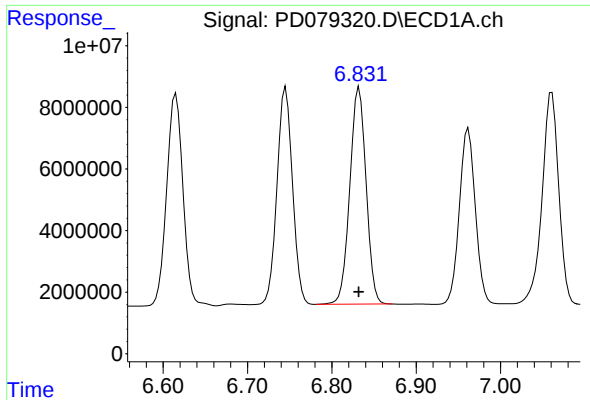
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.001 min
Response: 90896961
Conc: 46.67 ng/ml



#14 Endrin

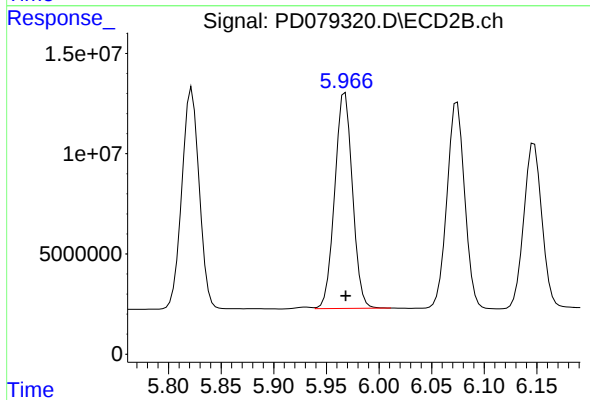
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 129920886
Conc: 50.77 ng/ml



#15 Endosulfan II

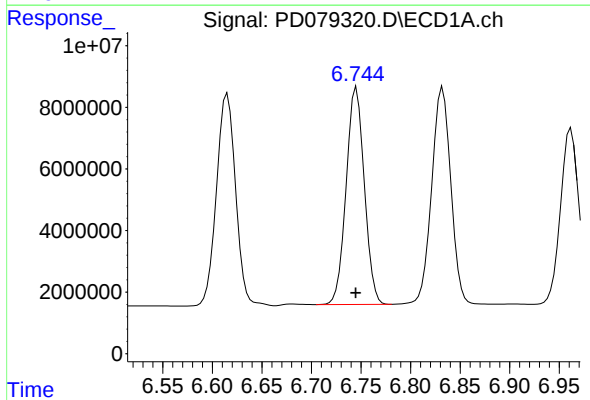
R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 94302266
Conc: 46.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



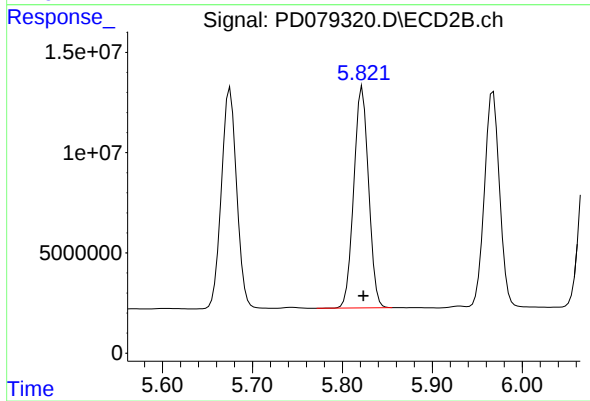
#15 Endosulfan II

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 126026419
Conc: 50.48 ng/ml



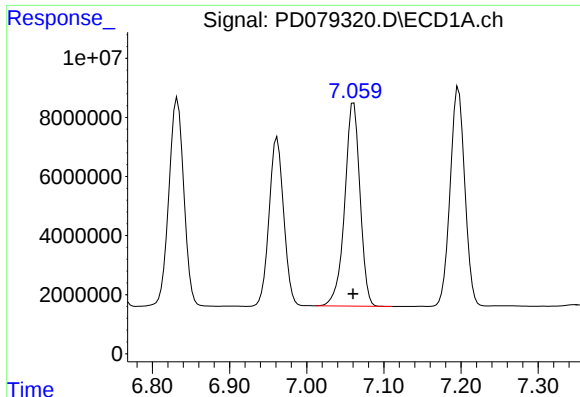
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 89999582
Conc: 51.20 ng/ml



#16 4,4'-DDD

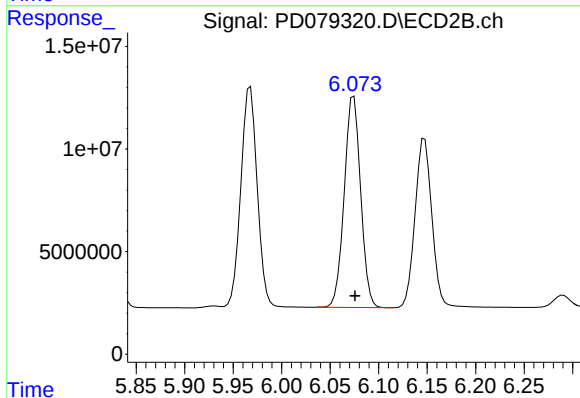
R.T.: 5.822 min
Delta R.T.: -0.001 min
Response: 125794654
Conc: 55.07 ng/ml



#17 4,4'-DDT

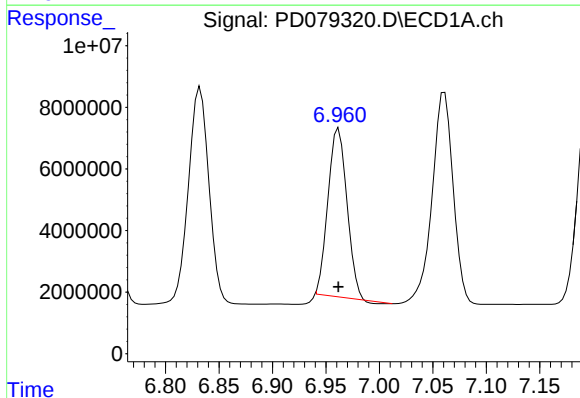
R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 94034930
Conc: 49.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



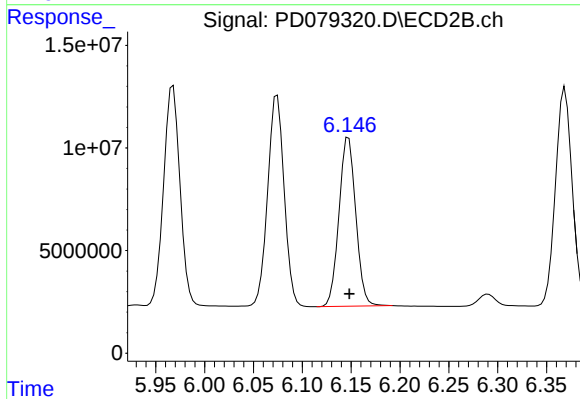
#17 4,4'-DDT

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 120914738
Conc: 52.82 ng/ml



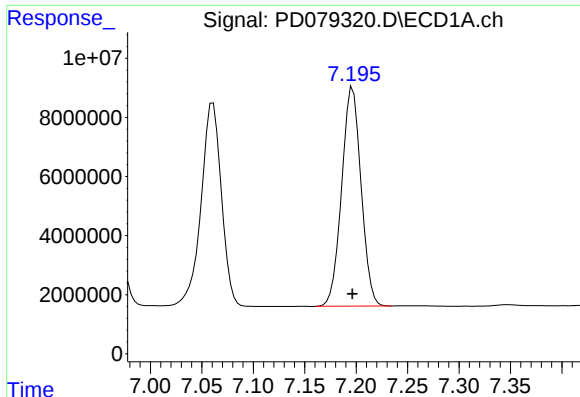
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 67135587
Conc: 43.47 ng/ml



#18 Endrin aldehyde

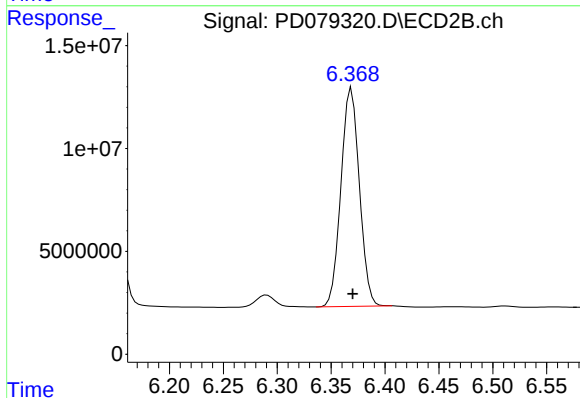
R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 98391697
Conc: 52.92 ng/ml



#19 Endosulfan Sulfate

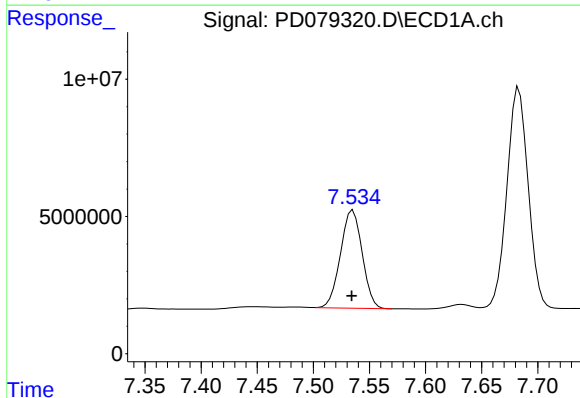
R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 97318536
Conc: 48.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



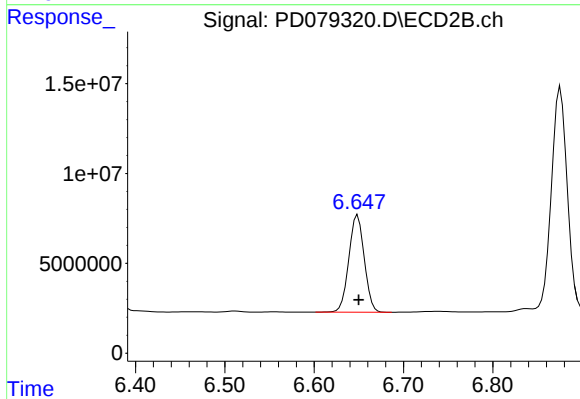
#19 Endosulfan Sulfate

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 126400029
Conc: 54.14 ng/ml



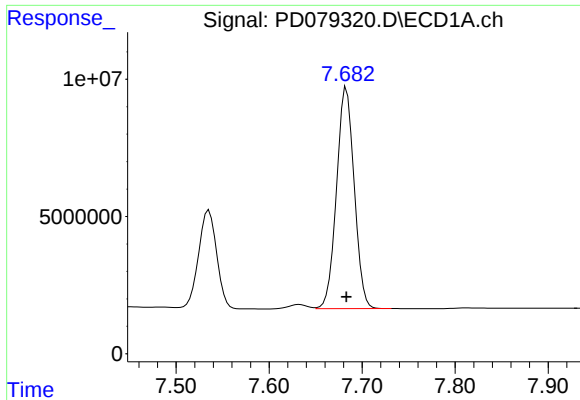
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.001 min
Response: 48106646
Conc: 43.90 ng/ml



#20 Methoxychlor

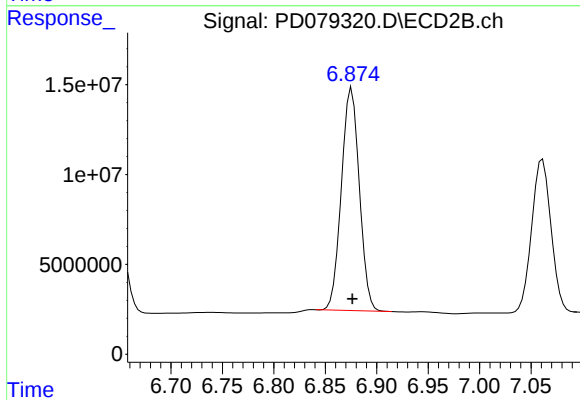
R.T.: 6.649 min
Delta R.T.: -0.001 min
Response: 64934113
Conc: 47.83 ng/ml



#21 Endrin ketone

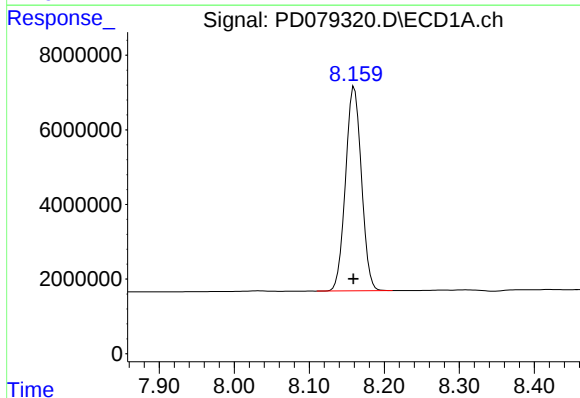
R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 106610436
Conc: 48.90 ng/ml

Instrument :
ECD_D
ClientSampleId :



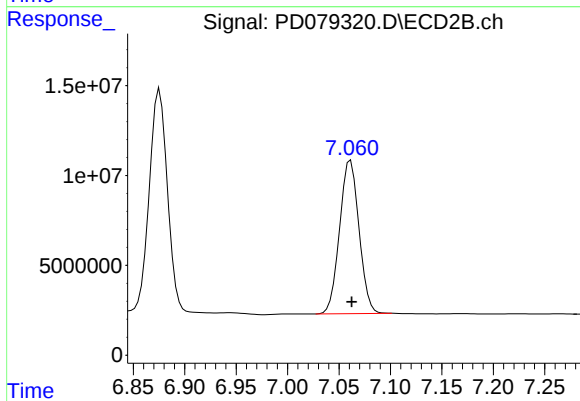
#21 Endrin ketone

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 150459894
Conc: 53.82 ng/ml



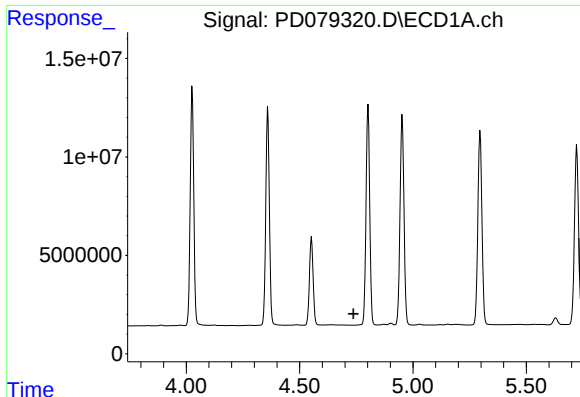
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.001 min
Response: 80591680
Conc: 47.61 ng/ml



#22 Mirex

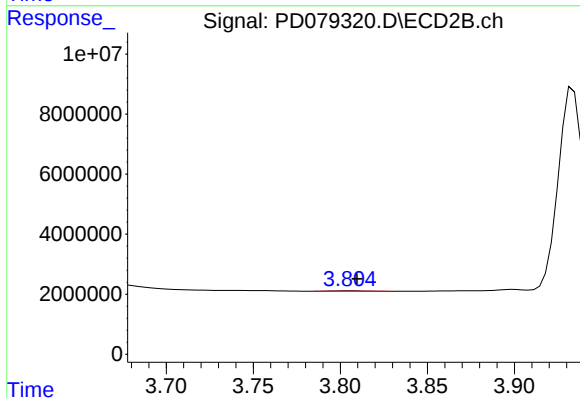
R.T.: 7.061 min
Delta R.T.: -0.001 min
Response: 112111258
Conc: 52.48 ng/ml



#23 Chlordane-1

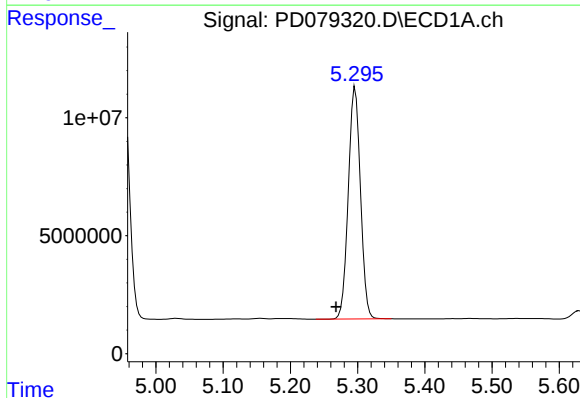
R.T.: 0.000 min
Exp R.T.: 4.738 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



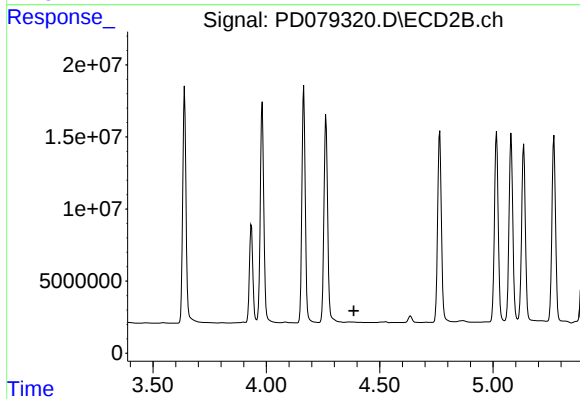
#23 Chlordane-1

R.T.: 3.805 min
Delta R.T.: -0.004 min
Response: 213164
Conc: 2.45 ng/ml



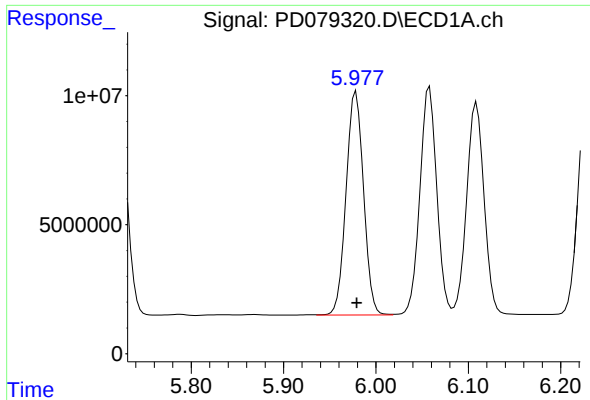
#24 Chlordane-2

R.T.: 5.296 min
Delta R.T.: 0.028 min
Response: 123724288
Conc: 1549.89 ng/ml



#24 Chlordane-2

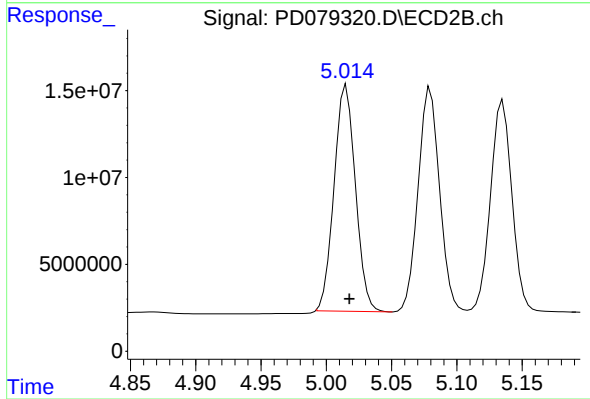
R.T.: 0.000 min
Exp R.T.: 4.386 min
Response: 0
Conc: N.D.



#25 Chlordane-3

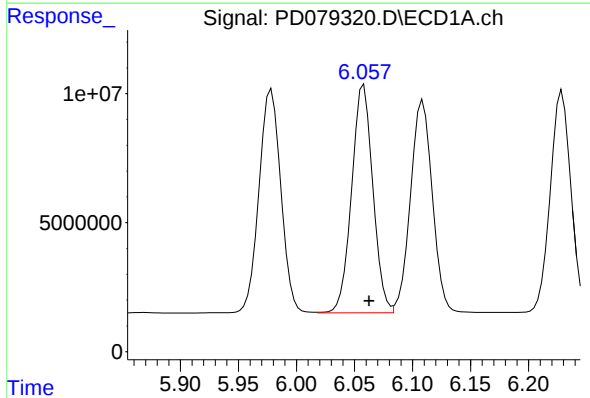
R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 113759123
Conc: 366.96 ng/ml

Instrument :
ECD_D
ClientSampleId :



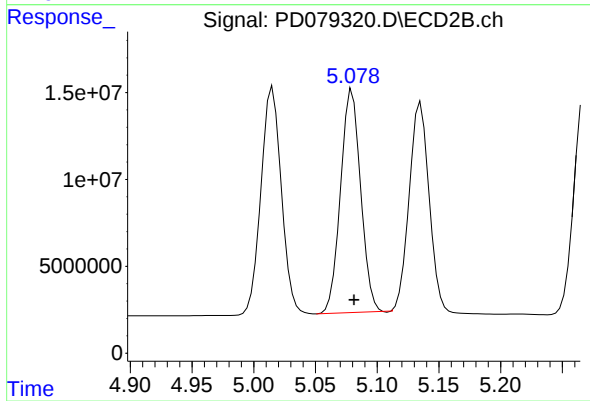
#25 Chlordane-3

R.T.: 5.015 min
Delta R.T.: -0.002 min
Response: 148175347
Conc: 555.52 ng/ml



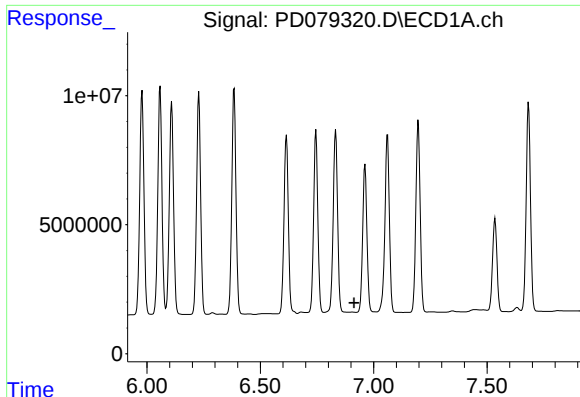
#26 Chlordane-4

R.T.: 6.058 min
Delta R.T.: -0.004 min
Response: 112449818
Conc: 302.67 ng/ml



#26 Chlordane-4

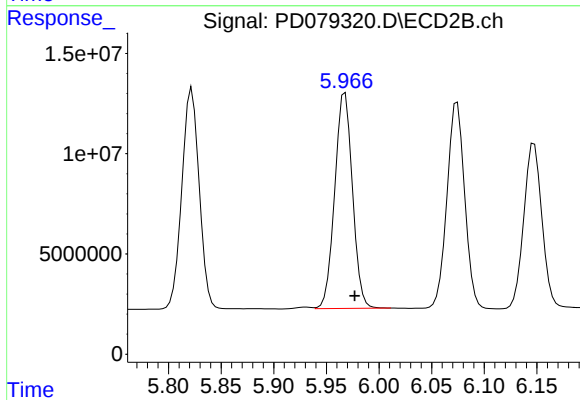
R.T.: 5.080 min
Delta R.T.: -0.002 min
Response: 145400040
Conc: 592.55 ng/ml



#27 Chlordane-5

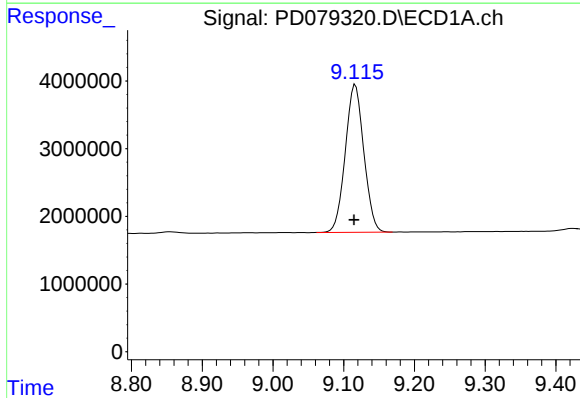
R.T.: 0.000 min
Exp R.T.: 6.914 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



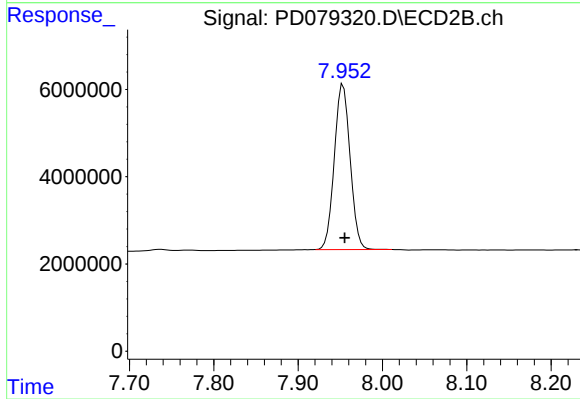
#27 Chlordane-5

R.T.: 5.968 min
Delta R.T.: -0.009 min
Response: 126026419
Conc: 1264.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.002 min
Response: 39750062
Conc: 19.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.953 min
Delta R.T.: -0.002 min
Response: 49401751
Conc: 20.27 ng/ml