

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112221\
 Data File : PD067066.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2021 17:22
 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: Nov 23 04:57:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 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...	3.438	3.968	93423764	457.5E6	50.071	56.530
28)	SA Decachlor...	8.163	9.029	50794178	281.2E6	43.962	52.206
Target Compounds							
2)	A alpha-BHC	3.874	4.361	157.4E6	602.0E6	51.470	54.565
3)	MA gamma-BHC...	4.156	4.646	146.3E6	522.7E6	48.458	52.453
4)	MA Heptachlor	4.449	5.146	151.0E6	466.2E6	50.898	47.557
5)	MB Aldrin	4.694	5.450	147.3E6	437.8E6	51.115	48.229
6)	B beta-BHC	4.404	4.823	61907014	230.5E6	49.560	49.506
7)	B delta-BHC	4.606	5.039	141.1E6	467.3E6	52.473	51.130
8)	B Heptachlo...	5.135	5.839	132.2E6	344.4E6	51.122	47.514
9)	A Endosulfan I	5.471	6.197	121.9E6	391.5E6	51.343	49.650
10)	B gamma-Chl...	5.359	6.073	134.3E6	413.2E6	51.560	49.531
11)	B alpha-Chl...	5.417	6.145	131.6E6	410.5E6	51.281	49.493
12)	B 4,4'-DDE	5.581	6.305	122.1E6	395.5E6	52.407	50.189
13)	MA Dieldrin	5.713	6.455	129.7E6	415.3E6	51.852	50.051
14)	MA Endrin	5.970	6.674	114.6E6	362.0E6	54.745	52.597
15)	B Endosulfa...	6.243	6.888	99974238	349.3E6	50.274	49.477
16)	A 4,4'-DDD	6.095	6.800	96889852	339.2E6	51.678	49.919
17)	MA 4,4'-DDT	6.334	7.097	102.0E6	359.4E6	53.039	49.558
18)	B Endrin al...	6.412	7.013	74259645	269.5E6	48.041	47.385
19)	B Endosulfa...	6.624	7.236	91739391	343.5E6	49.293	47.349
20)	A Methoxychlor	6.882	7.560	51023854	186.7E6	49.408	45.820
21)	B Endrin ke...	7.116	7.709	100.7E6	376.0E6	46.169	44.708
22)	Mirex	7.296	8.157	70984290	271.2E6	45.632	45.856
23)	Chlordane-1	4.328f	0.000	2137101	0	28.881	N.D. #
24)	Chlordane-2	0.000	5.450f	0	437.8E6	N.D.	1475.980 #
25)	Chlordane-3	5.359	6.073	134.3E6	413.2E6	548.652	383.285 #
26)	Chlordane-4	5.417	6.145	131.6E6	410.5E6	646.073	325.756 #
27)	Chlordane-5	6.243	0.000	99974238	0	1182.132	N.D. #

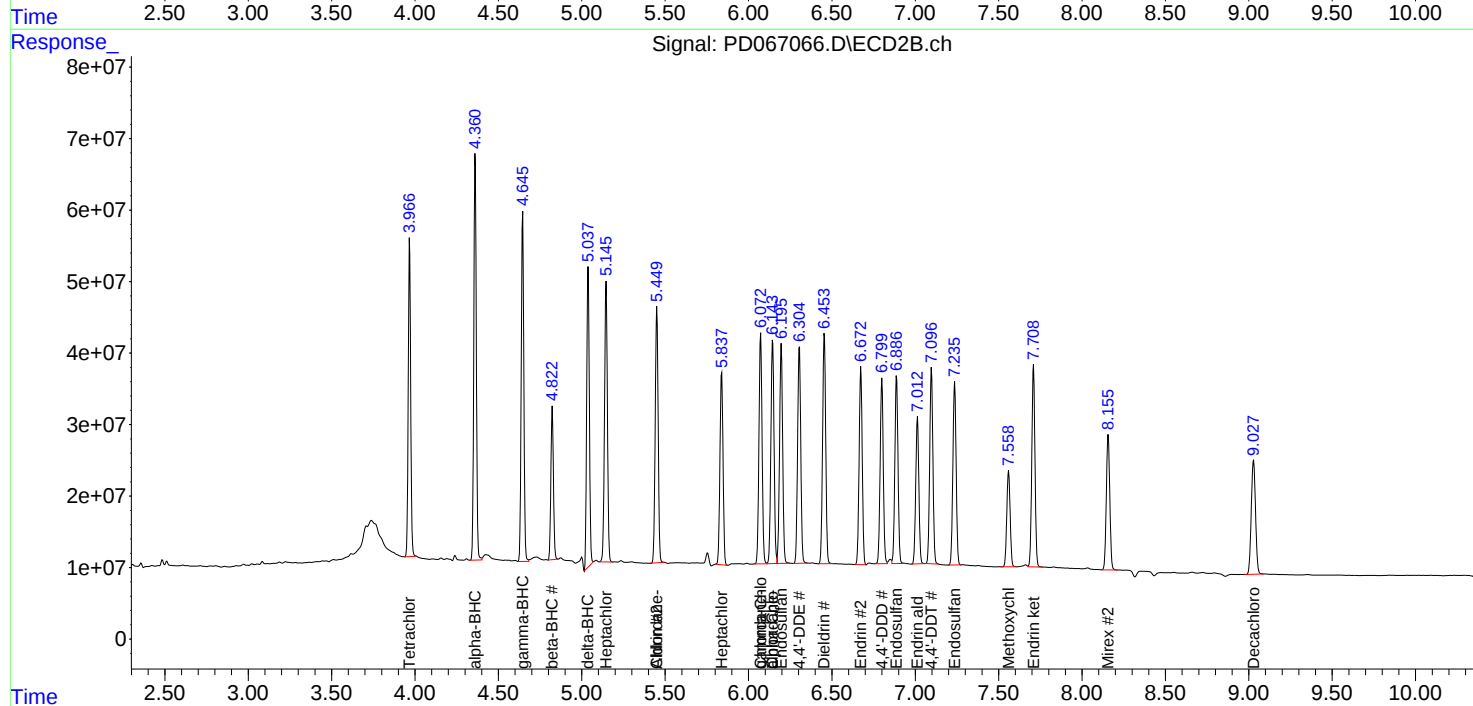
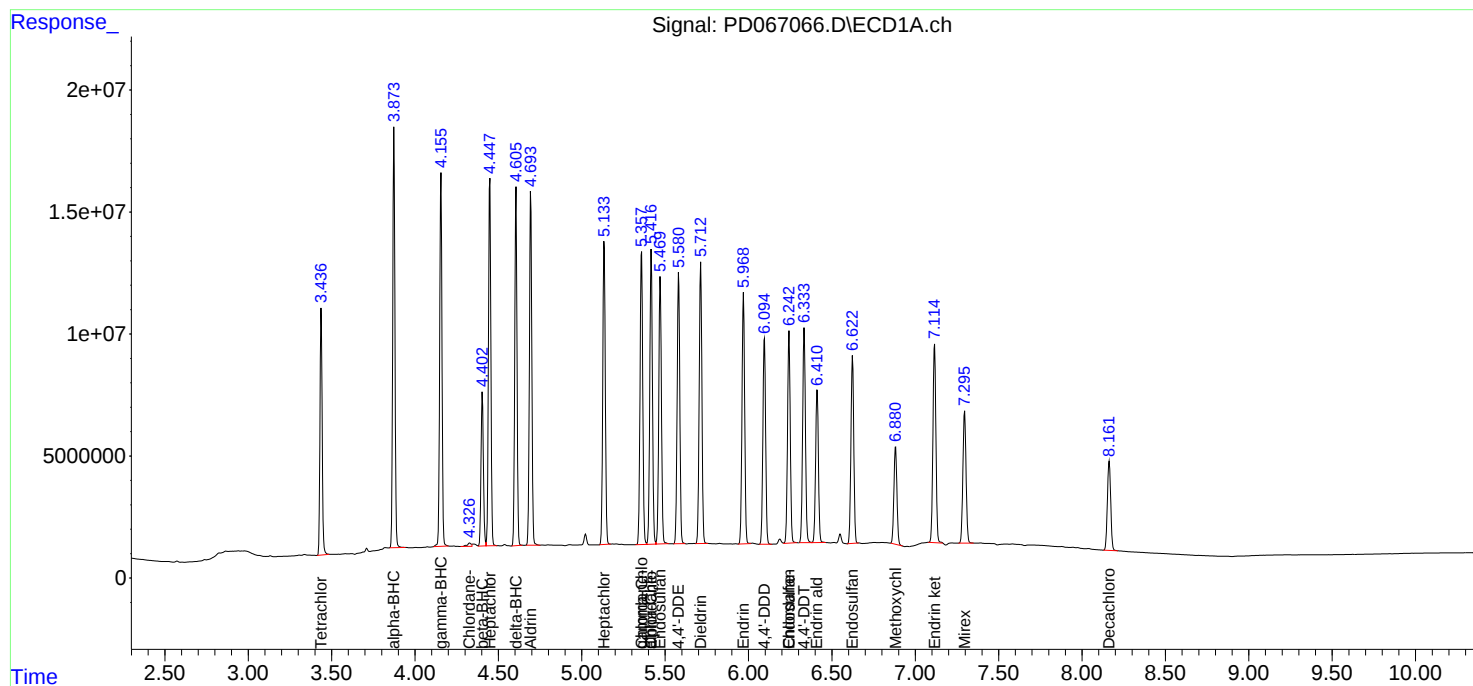
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

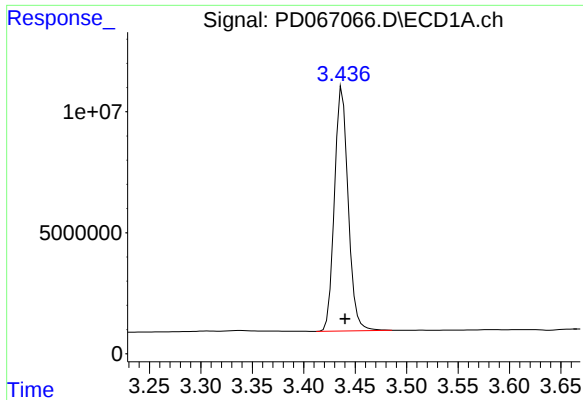
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112221\
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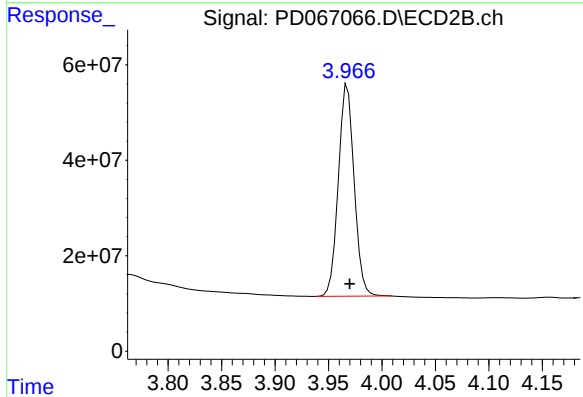




#1 Tetrachloro-m-xylene

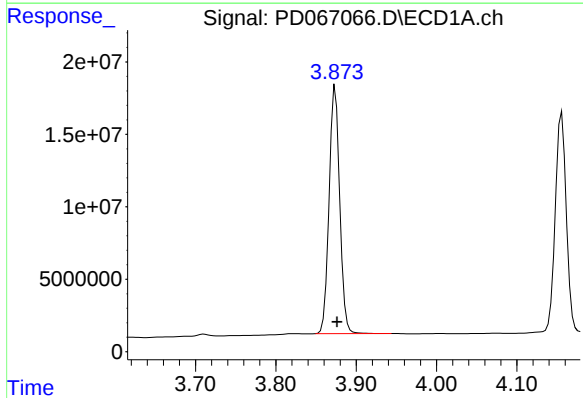
R.T.: 3.438 min
Delta R.T.: -0.002 min
Response: 93423764
Conc: 50.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



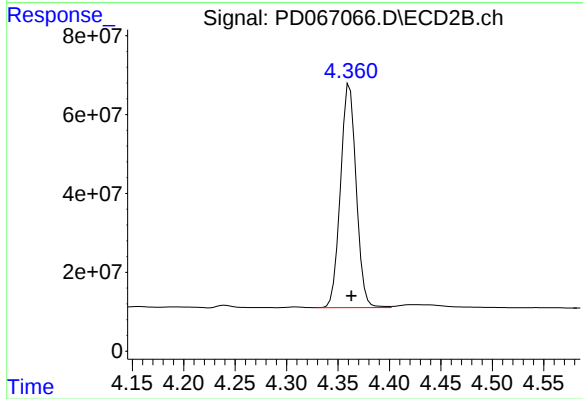
#1 Tetrachloro-m-xylene

R.T.: 3.968 min
Delta R.T.: -0.002 min
Response: 457452208
Conc: 56.53 ng/ml



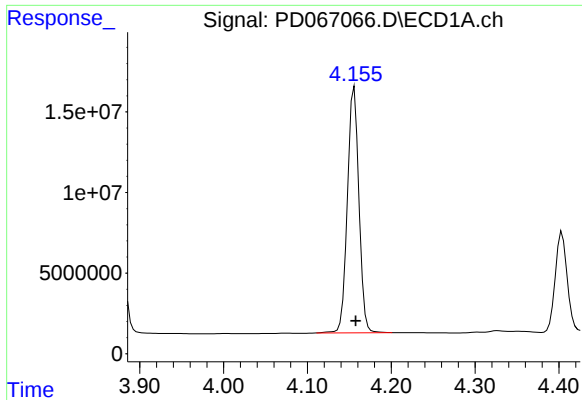
#2 alpha-BHC

R.T.: 3.874 min
Delta R.T.: -0.002 min
Response: 157362052
Conc: 51.47 ng/ml



#2 alpha-BHC

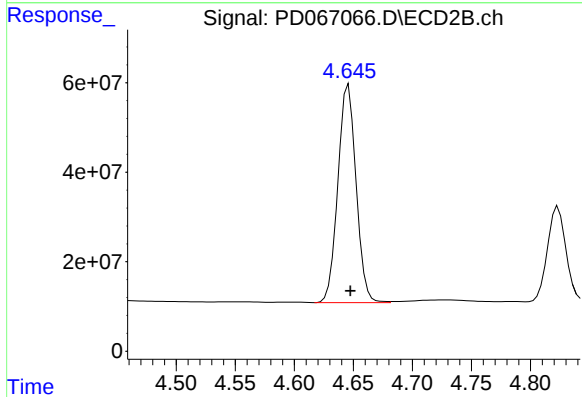
R.T.: 4.361 min
Delta R.T.: -0.001 min
Response: 601992067
Conc: 54.56 ng/ml



#3 gamma-BHC (Lindane)

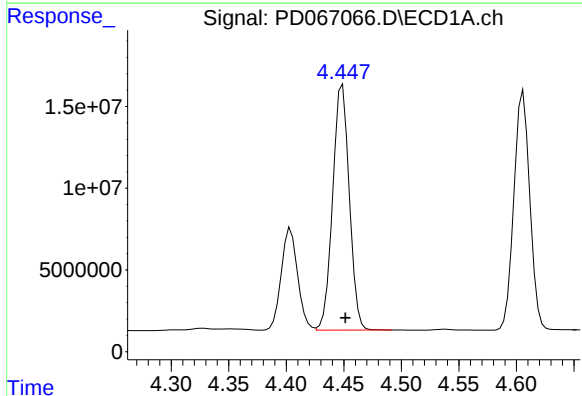
R.T.: 4.156 min
Delta R.T.: -0.002 min
Response: 146339989
Conc: 48.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



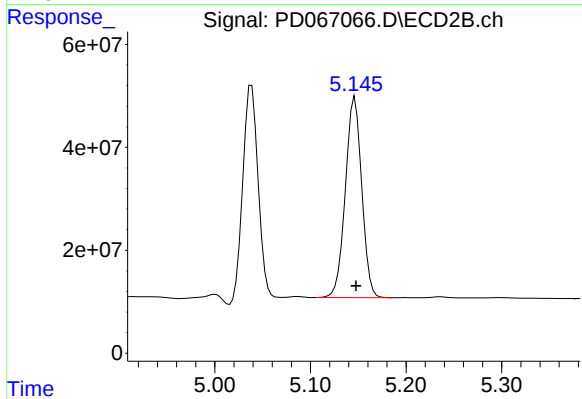
#3 gamma-BHC (Lindane)

R.T.: 4.646 min
Delta R.T.: -0.002 min
Response: 522710820
Conc: 52.45 ng/ml



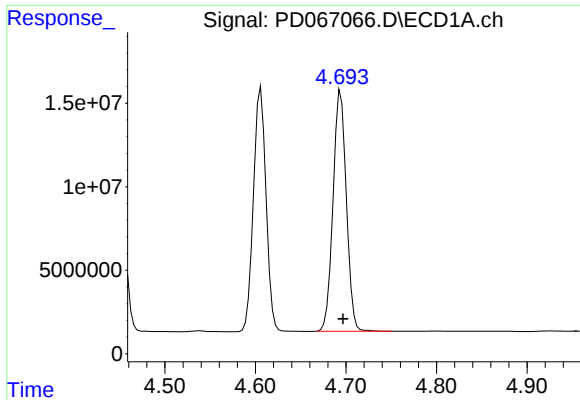
#4 Heptachlor

R.T.: 4.449 min
Delta R.T.: -0.003 min
Response: 150995480
Conc: 50.90 ng/ml



#4 Heptachlor

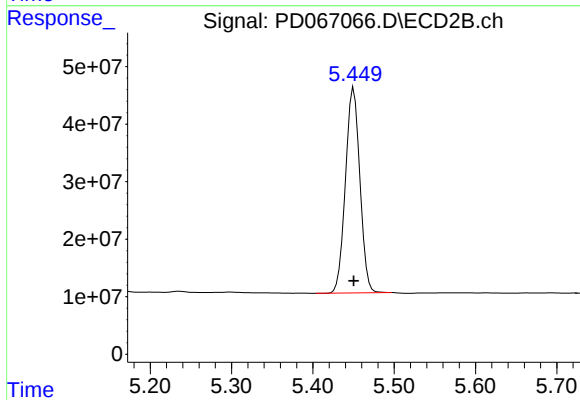
R.T.: 5.146 min
Delta R.T.: -0.001 min
Response: 466153135
Conc: 47.56 ng/ml



#5 Aldrin

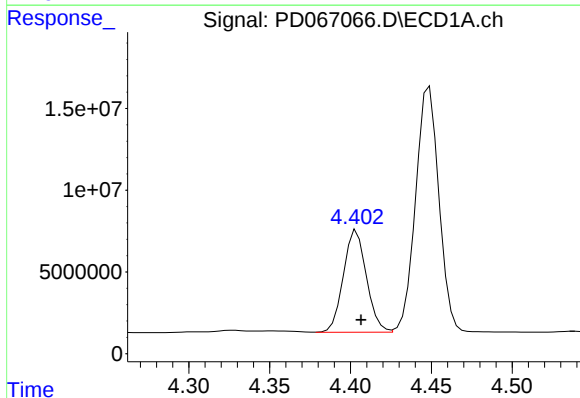
R.T.: 4.694 min
Delta R.T.: -0.003 min
Response: 147304202
Conc: 51.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



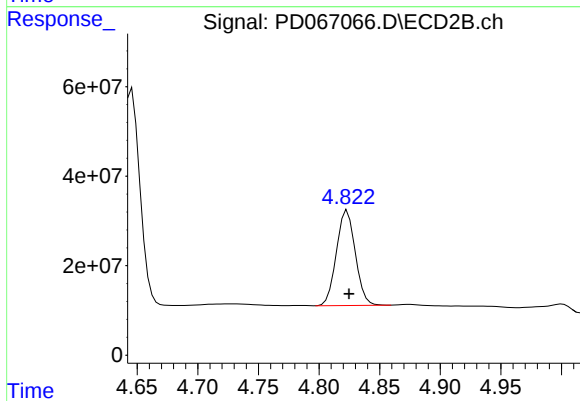
#5 Aldrin

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 437803886
Conc: 48.23 ng/ml



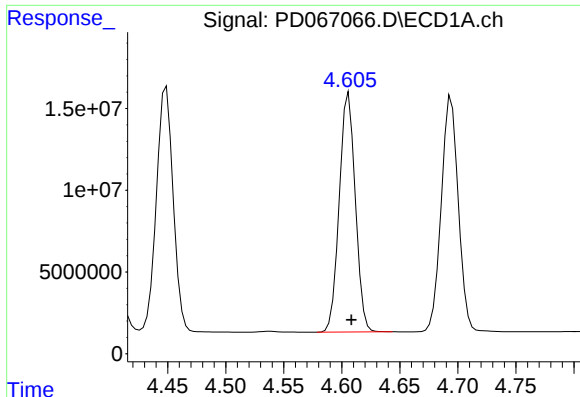
#6 beta-BHC

R.T.: 4.404 min
Delta R.T.: -0.003 min
Response: 61907014
Conc: 49.56 ng/ml



#6 beta-BHC

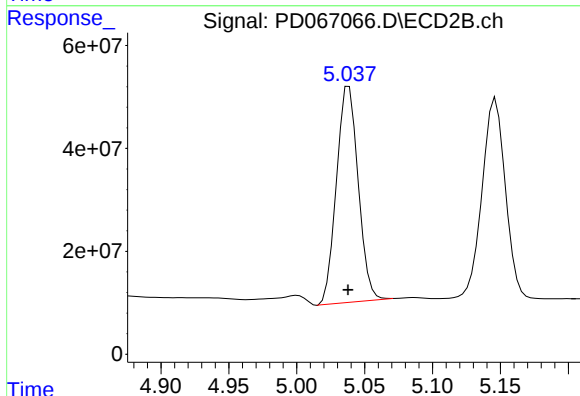
R.T.: 4.823 min
Delta R.T.: -0.001 min
Response: 230517584
Conc: 49.51 ng/ml



#7 delta-BHC

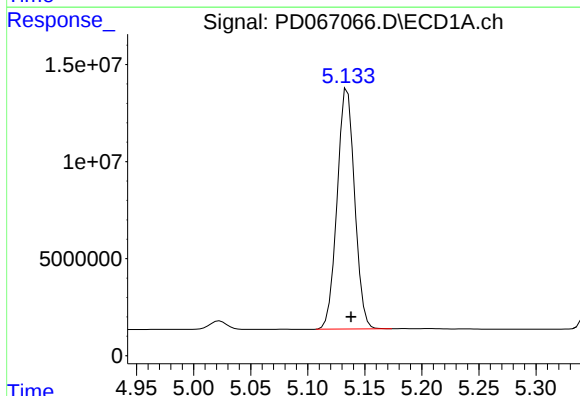
R.T.: 4.606 min
Delta R.T.: -0.002 min
Response: 141060117
Conc: 52.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



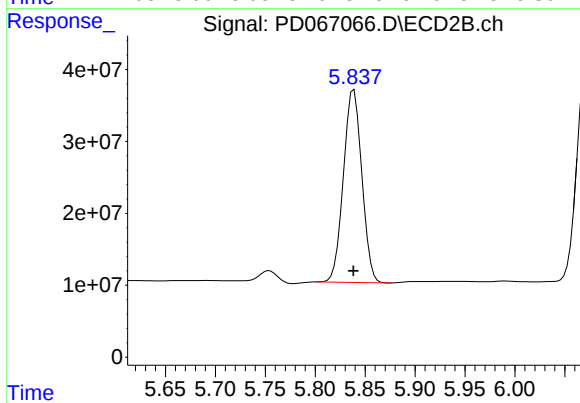
#7 delta-BHC

R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 467347051
Conc: 51.13 ng/ml



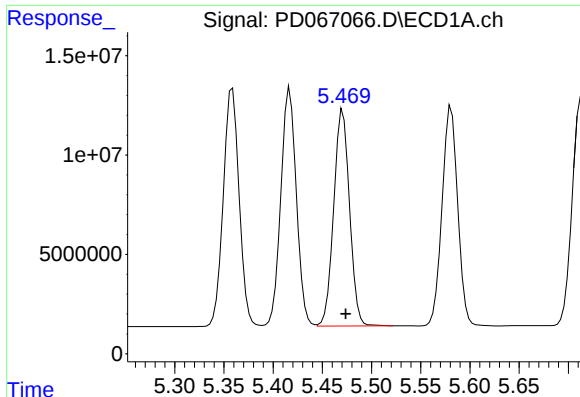
#8 Heptachlor epoxide

R.T.: 5.135 min
Delta R.T.: -0.003 min
Response: 132234248
Conc: 51.12 ng/ml



#8 Heptachlor epoxide

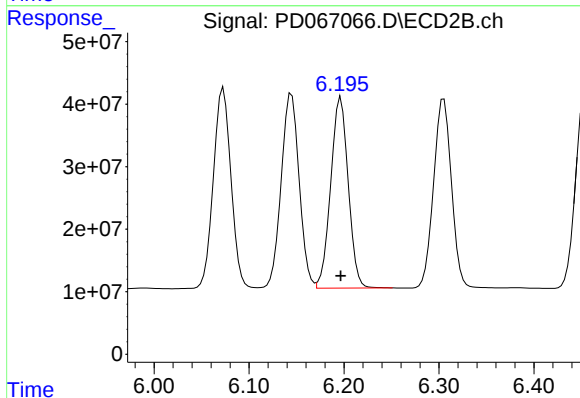
R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 344376319
Conc: 47.51 ng/ml



#9 Endosulfan I

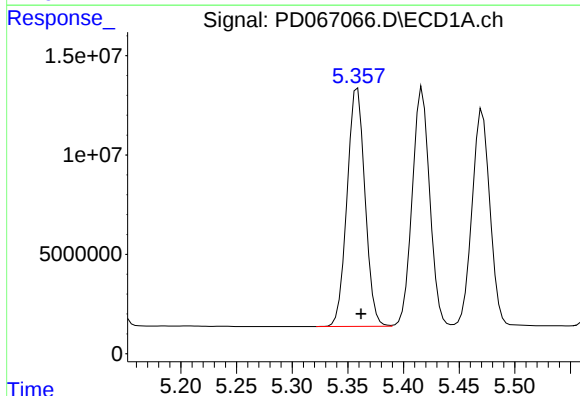
R.T.: 5.471 min
Delta R.T.: -0.003 min
Response: 121927882
Conc: 51.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



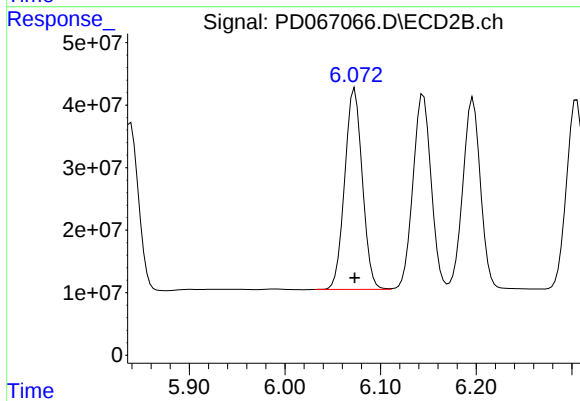
#9 Endosulfan I

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 391483435
Conc: 49.65 ng/ml



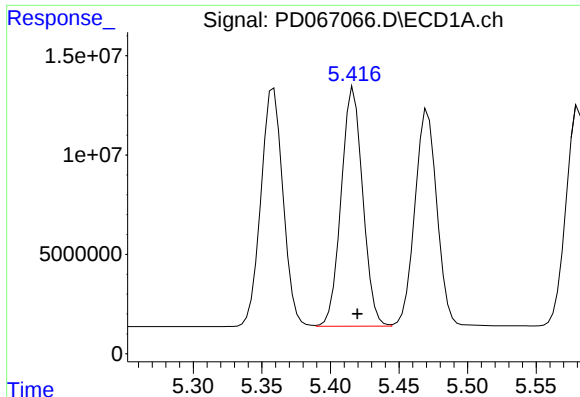
#10 gamma-Chlordane

R.T.: 5.359 min
Delta R.T.: -0.003 min
Response: 134335135
Conc: 51.56 ng/ml



#10 gamma-Chlordane

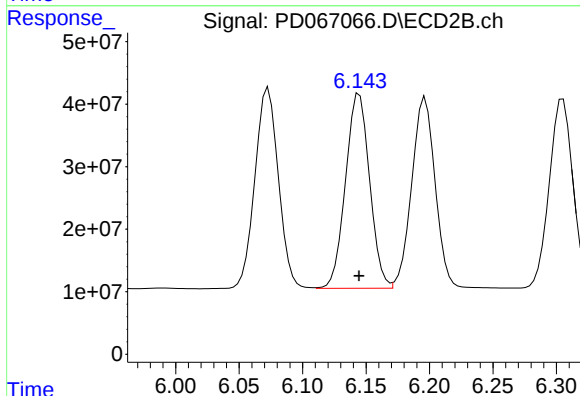
R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 413247034
Conc: 49.53 ng/ml



#11 alpha-Chlordane

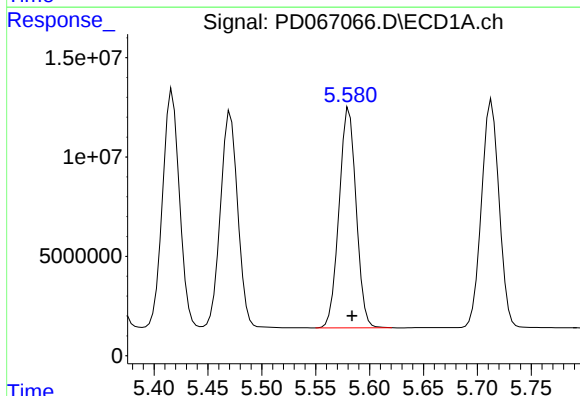
R.T.: 5.417 min
Delta R.T.: -0.003 min
Response: 131604858
Conc: 51.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



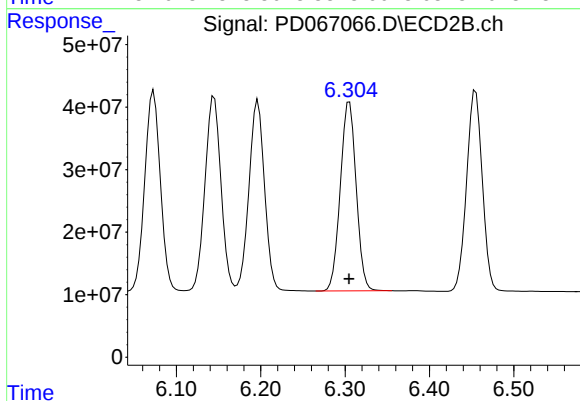
#11 alpha-Chlordane

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 410525742
Conc: 49.49 ng/ml



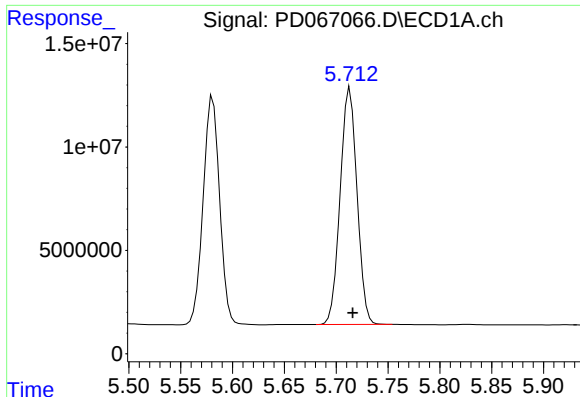
#12 4,4'-DDE

R.T.: 5.581 min
Delta R.T.: -0.003 min
Response: 122101157
Conc: 52.41 ng/ml



#12 4,4'-DDE

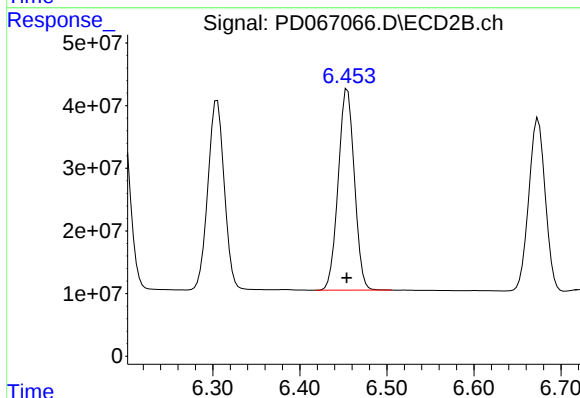
R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 395529830
Conc: 50.19 ng/ml



#13 Dieldrin

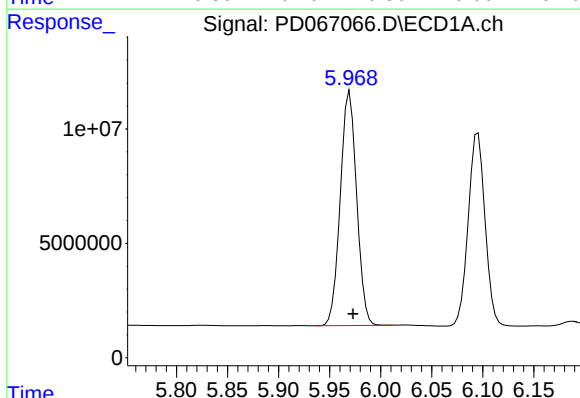
R.T.: 5.713 min
Delta R.T.: -0.003 min
Response: 129748142
Conc: 51.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



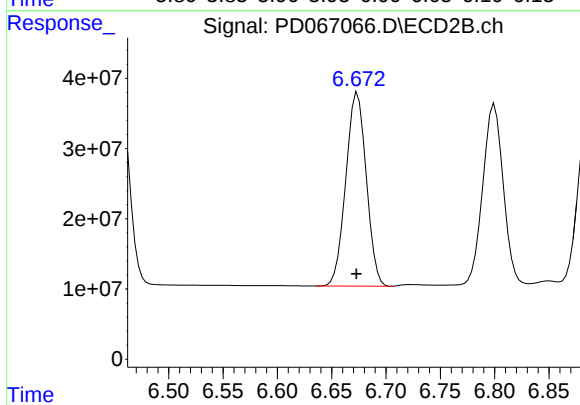
#13 Dieldrin

R.T.: 6.455 min
Delta R.T.: 0.000 min
Response: 415307092
Conc: 50.05 ng/ml



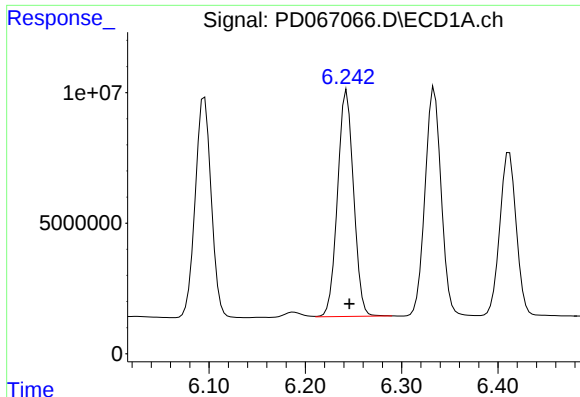
#14 Endrin

R.T.: 5.970 min
Delta R.T.: -0.003 min
Response: 114572687
Conc: 54.75 ng/ml



#14 Endrin

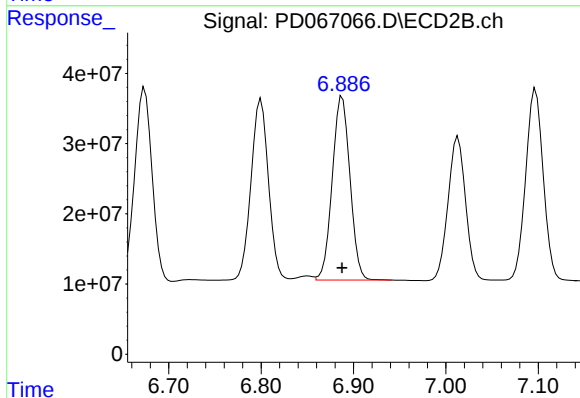
R.T.: 6.674 min
Delta R.T.: 0.001 min
Response: 361999129
Conc: 52.60 ng/ml



#15 Endosulfan II

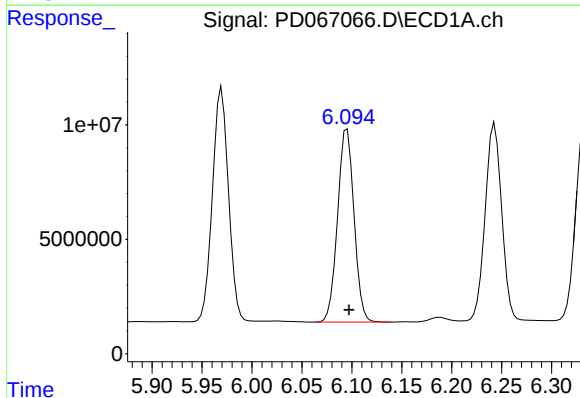
R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 99974238
Conc: 50.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



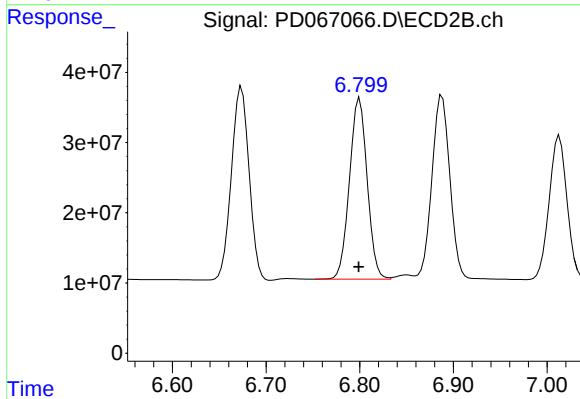
#15 Endosulfan II

R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 349336113
Conc: 49.48 ng/ml



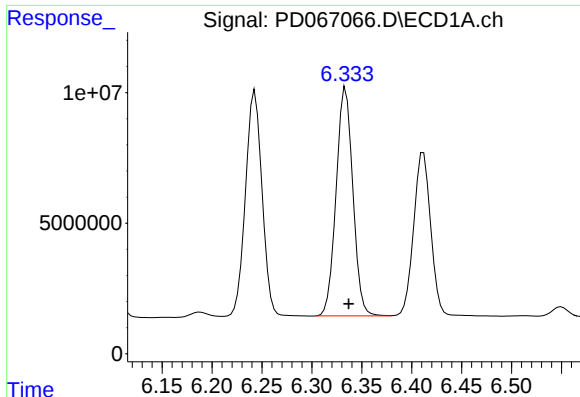
#16 4,4'-DDD

R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 96889852
Conc: 51.68 ng/ml



#16 4,4'-DDD

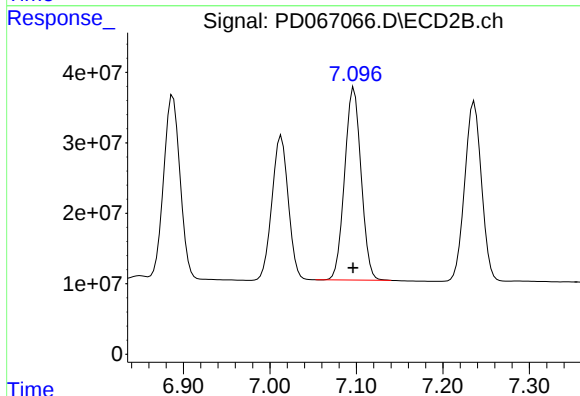
R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 339213417
Conc: 49.92 ng/ml



#17 4,4'-DDT

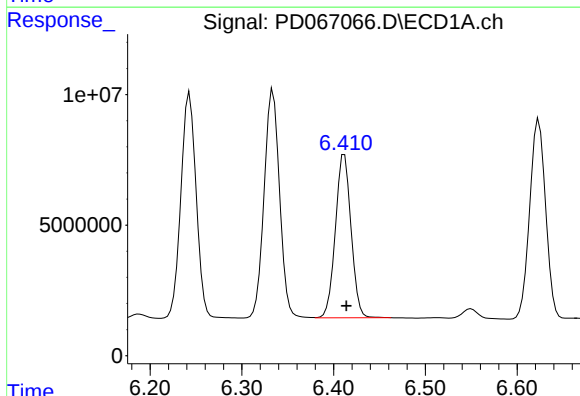
R.T.: 6.334 min
Delta R.T.: -0.003 min
Response: 102019349
Conc: 53.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



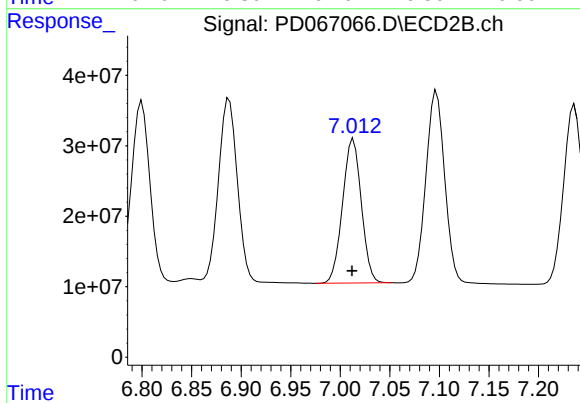
#17 4,4'-DDT

R.T.: 7.097 min
Delta R.T.: 0.001 min
Response: 359444920
Conc: 49.56 ng/ml



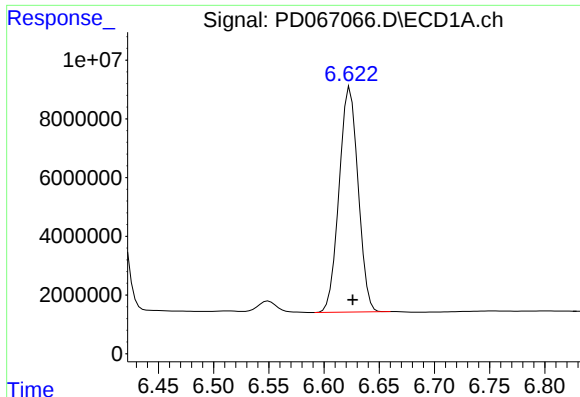
#18 Endrin aldehyde

R.T.: 6.412 min
Delta R.T.: -0.002 min
Response: 74259645
Conc: 48.04 ng/ml



#18 Endrin aldehyde

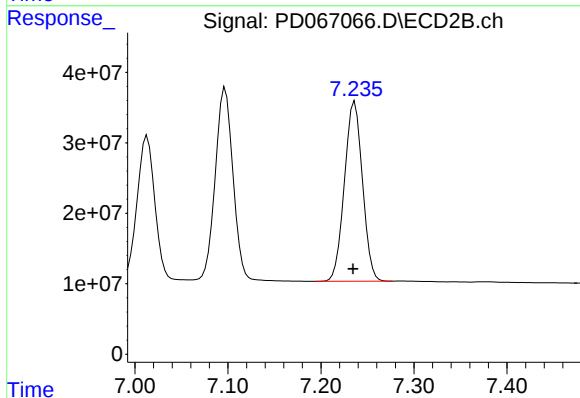
R.T.: 7.013 min
Delta R.T.: 0.001 min
Response: 269530048
Conc: 47.39 ng/ml



#19 Endosulfan Sulfate

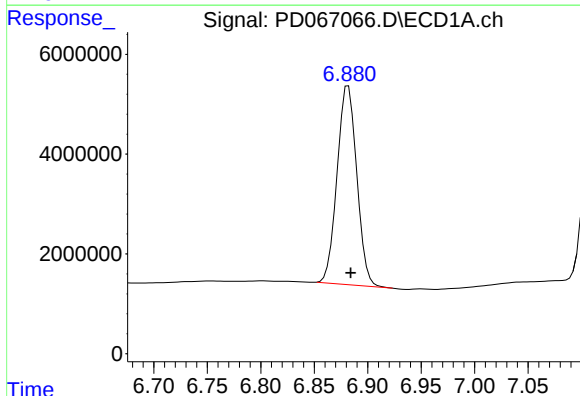
R.T.: 6.624 min
Delta R.T.: -0.002 min
Response: 91739391
Conc: 49.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



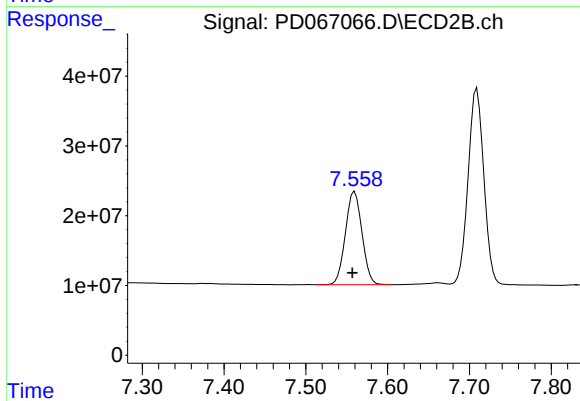
#19 Endosulfan Sulfate

R.T.: 7.236 min
Delta R.T.: 0.002 min
Response: 343484436
Conc: 47.35 ng/ml



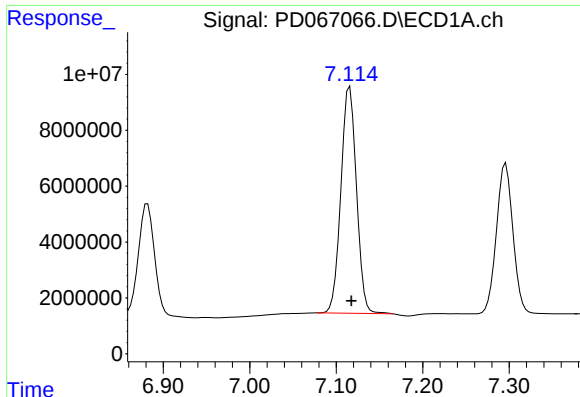
#20 Methoxychlor

R.T.: 6.882 min
Delta R.T.: -0.002 min
Response: 51023854
Conc: 49.41 ng/ml



#20 Methoxychlor

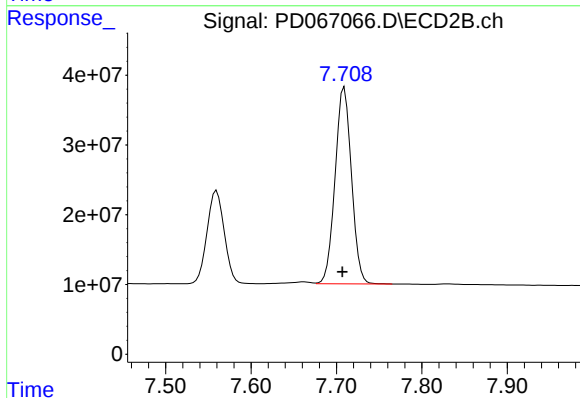
R.T.: 7.560 min
Delta R.T.: 0.003 min
Response: 186661621
Conc: 45.82 ng/ml



#21 Endrin ketone

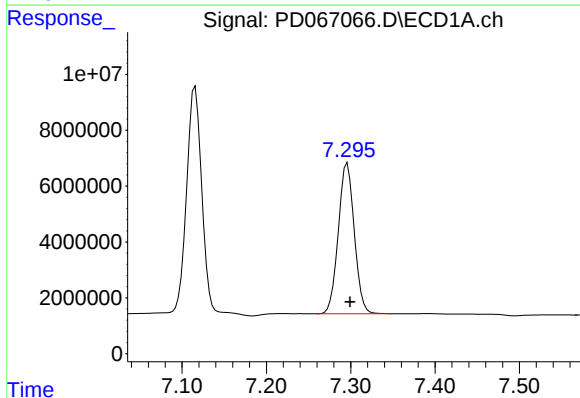
R.T.: 7.116 min
Delta R.T.: -0.002 min
Response: 100744389
Conc: 46.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



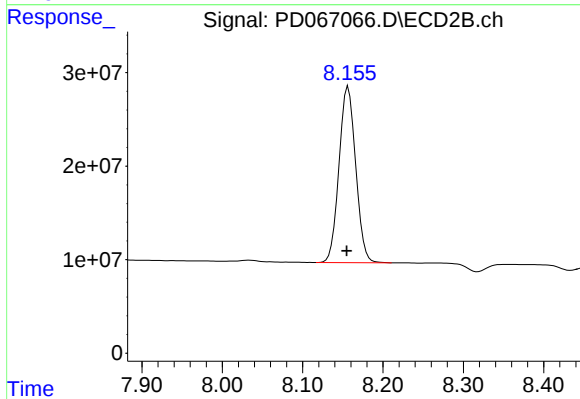
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: 0.002 min
Response: 375984363
Conc: 44.71 ng/ml



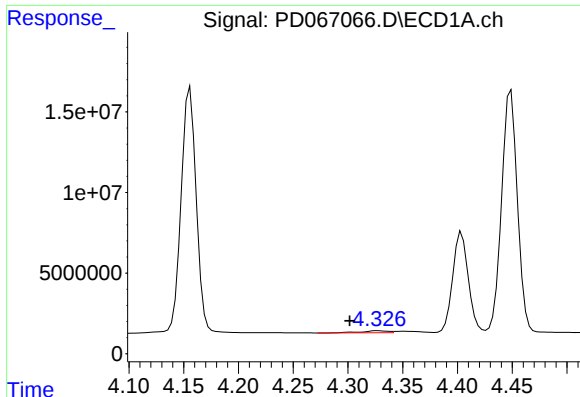
#22 Mirex

R.T.: 7.296 min
Delta R.T.: -0.003 min
Response: 70984290
Conc: 45.63 ng/ml



#22 Mirex

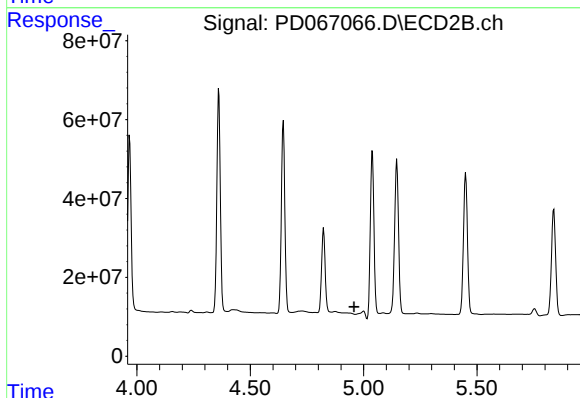
R.T.: 8.157 min
Delta R.T.: 0.002 min
Response: 271211084
Conc: 45.86 ng/ml



#23 Chlordane-1

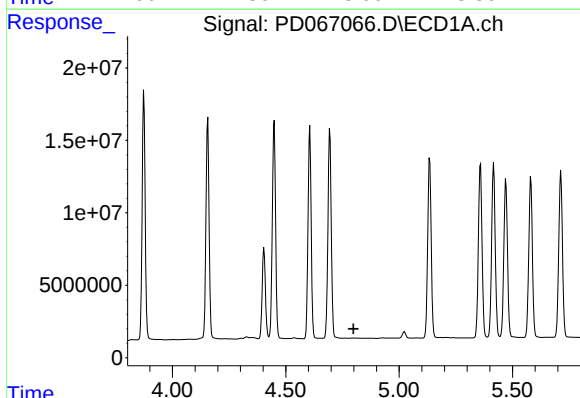
R.T.: 4.328 min
Delta R.T.: 0.026 min
Response: 2137101
Conc: 28.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



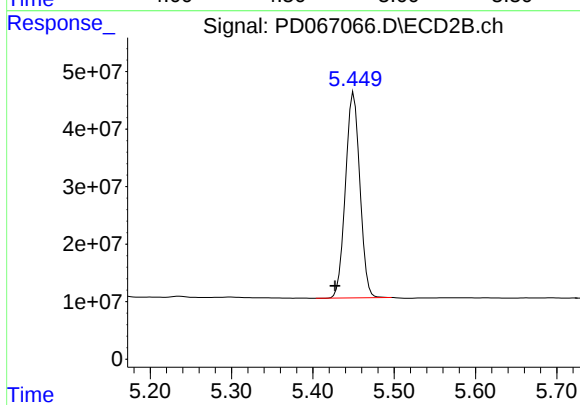
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.958 min
Response: 0
Conc: N.D.



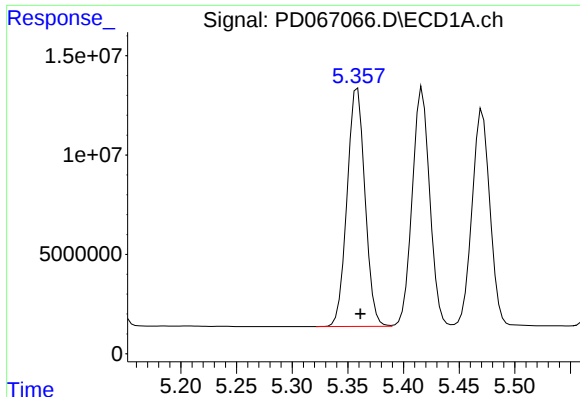
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.799 min
Response: 0
Conc: N.D.



#24 Chlordane-2

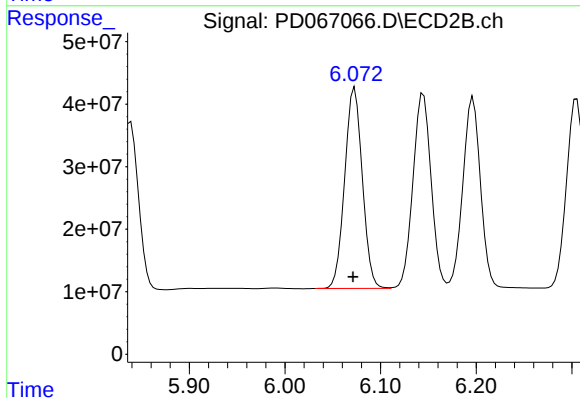
R.T.: 5.450 min
Delta R.T.: 0.023 min
Response: 437803886
Conc: 1475.98 ng/ml



#25 Chlordane-3

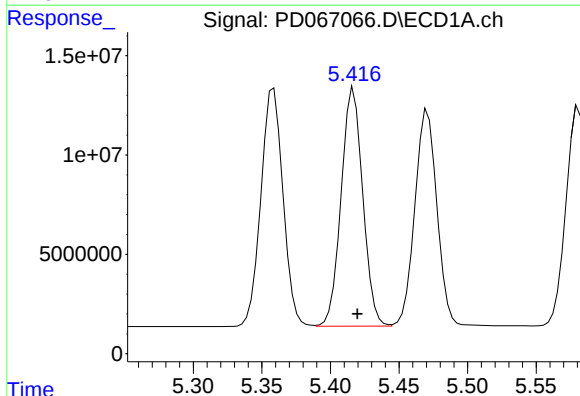
R.T.: 5.359 min
Delta R.T.: -0.003 min
Response: 134335135
Conc: 548.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



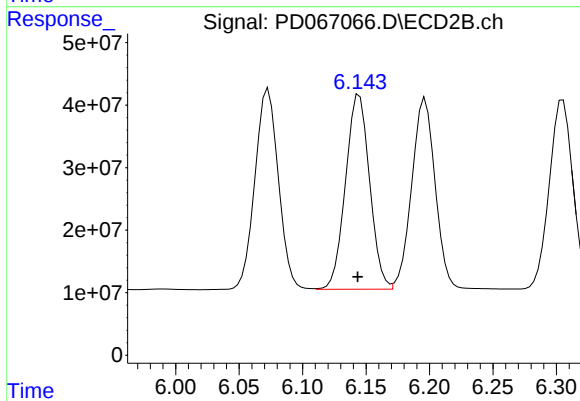
#25 Chlordane-3

R.T.: 6.073 min
Delta R.T.: 0.002 min
Response: 413247034
Conc: 383.28 ng/ml



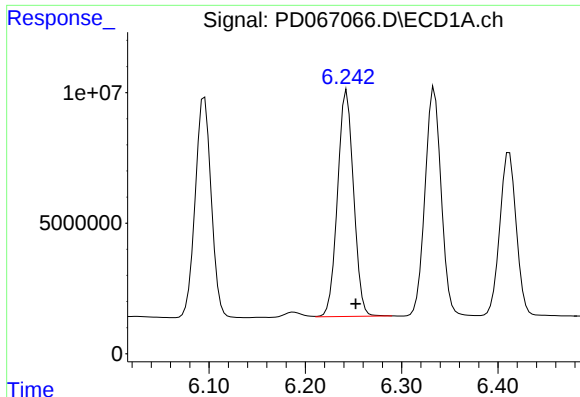
#26 Chlordane-4

R.T.: 5.417 min
Delta R.T.: -0.003 min
Response: 131604858
Conc: 646.07 ng/ml



#26 Chlordane-4

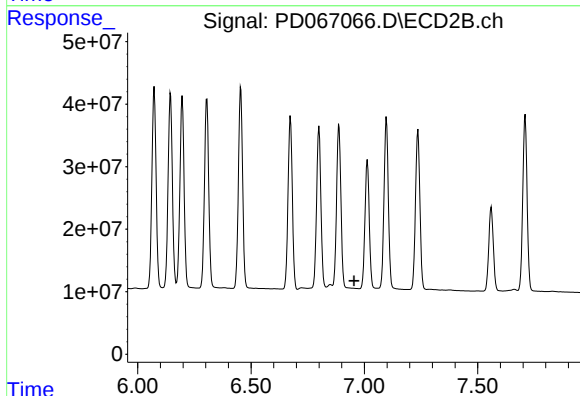
R.T.: 6.145 min
Delta R.T.: 0.001 min
Response: 410525742
Conc: 325.76 ng/ml



#27 Chlordane-5

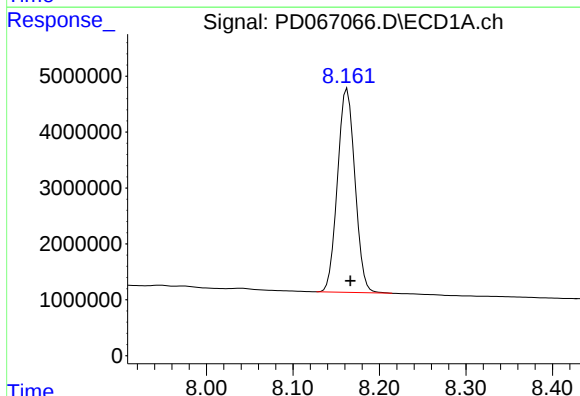
R.T.: 6.243 min
Delta R.T.: -0.009 min
Response: 99974238
Conc: 1182.13 ng/m

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



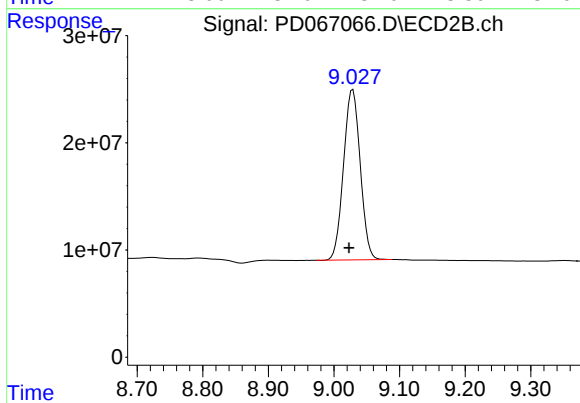
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.955 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.163 min
Delta R.T.: -0.004 min
Response: 50794178
Conc: 43.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: 0.006 min
Response: 281204208
Conc: 52.21 ng/ml