

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
 Data File : PD079619.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2023 18:51
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 20:13:24 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	2.804	72447697	117.7E6	44.871	50.824
28)	SA Decachlor...	9.116	7.948	91814399	124.6E6	45.769	51.129
Target Compounds							
2)	A alpha-BHC	4.026	3.306	122.6E6	183.3E6	46.068	52.869
3)	MA gamma-BHC...	4.359	3.636	118.7E6	179.7E6	45.678	52.925
4)	MA Heptachlor	4.952	3.978	116.4E6	164.6E6	43.515	53.879
5)	MB Aldrin	5.296	4.259	116.9E6	171.3E6	45.361	52.369
6)	B beta-BHC	4.552	3.931	48463558	73392224	45.226	52.084
7)	B delta-BHC	4.802	4.162	115.5E6	182.9E6	43.133	54.621 #
8)	B Heptachlo...	5.721	4.761	105.5E6	155.9E6	45.024	52.590
9)	A Endosulfan I	6.108	5.131	98100705	132.8E6	45.251	50.148
10)	B gamma-Chl...	5.977	5.011	103.9E6	144.6E6	45.316	50.390
11)	B alpha-Chl...	6.058	5.075	103.2E6	147.0E6	45.255	51.220
12)	B 4,4'-DDE	6.228	5.264	96658069	143.3E6	45.743	53.807
13)	MA Dieldrin	6.384	5.396	106.5E6	158.4E6	45.719	53.325
14)	MA Endrin	6.615	5.670	84346126	131.5E6	43.308	51.395
15)	B Endosulfa...	6.833	5.963	92248829	134.0E6	45.228	53.683
16)	A 4,4'-DDD	6.745	5.817	80714831	123.3E6	45.915	53.997
17)	MA 4,4'-DDT	7.060	6.069	82389466	120.4E6	43.508	52.572
18)	B Endrin al...	6.963	6.142	62924679	101.3E6	40.746	54.495 #
19)	B Endosulfa...	7.197	6.364	89795009	125.9E6	45.165	53.901
20)	A Methoxychlor	7.535	6.644	47170472	67929079	43.048	50.035
21)	B Endrin ke...	7.684	6.871	101.4E6	153.3E6	46.526	54.842
22)	Mirex	8.160	7.056	75467984	111.5E6	44.585	52.182
23)	Chlordane-1	0.000	3.837f	0	772228	N.D.	8.891 #
24)	Chlordane-2	5.296f	4.393	116.9E6	148419	1464.214	1.634 #
25)	Chlordane-3	5.977	5.011	103.9E6	144.6E6	335.150	542.081 #
26)	Chlordane-4	6.058	5.075	103.2E6	147.0E6	277.748	599.051 #
27)	Chlordane-5	0.000	5.963	0	134.0E6	N.D.	1344.707 #

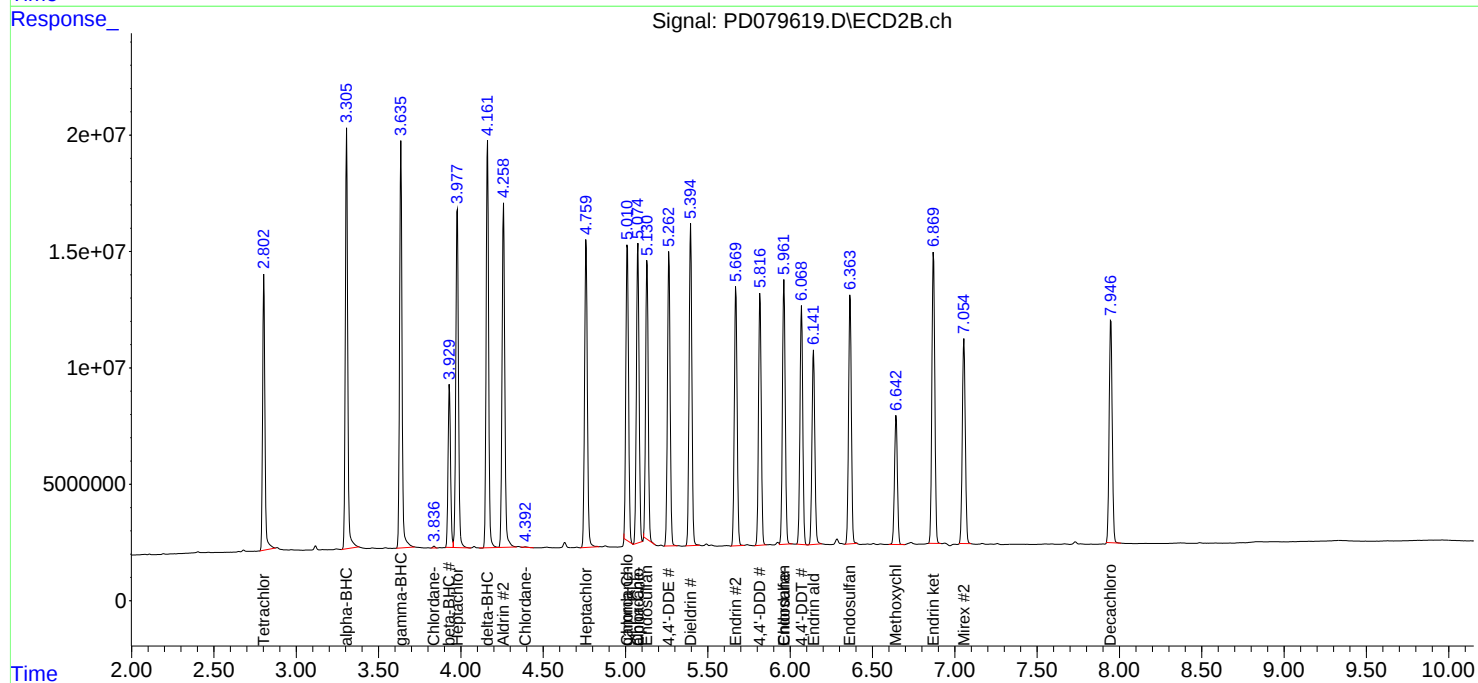
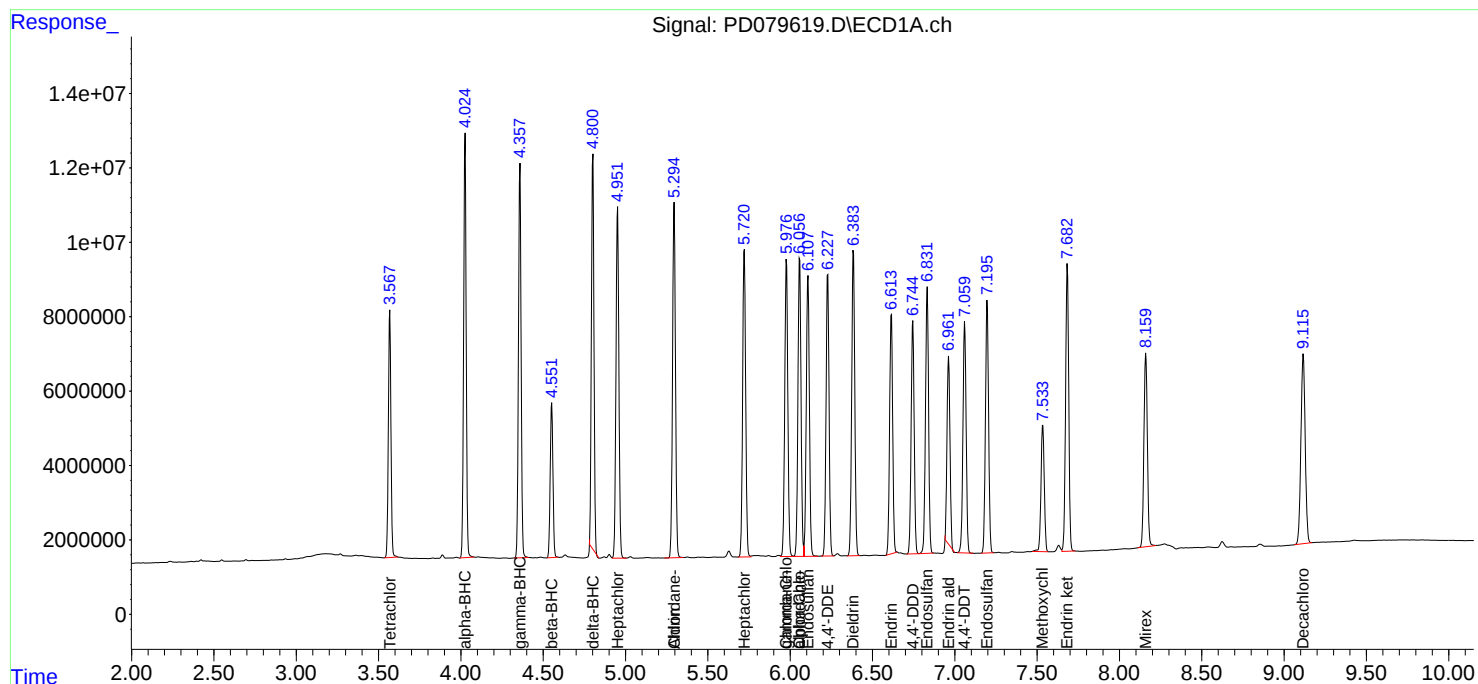
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

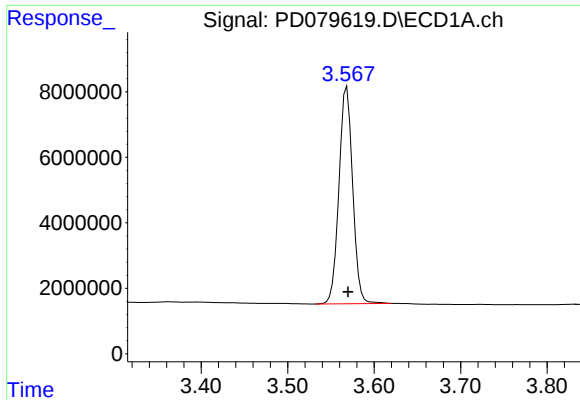
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
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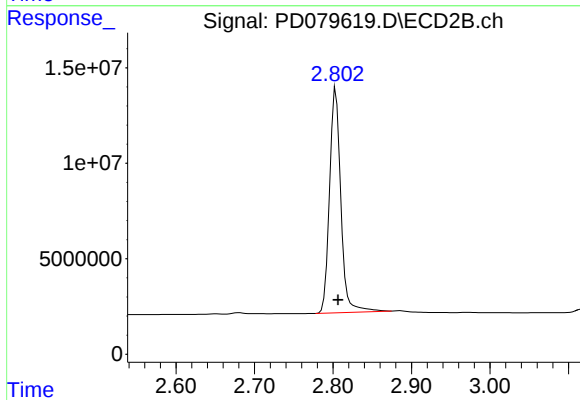




#1 Tetrachloro-m-xylene

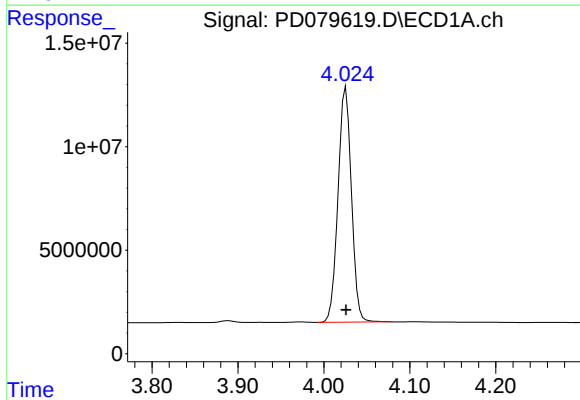
R.T.: 3.569 min
Delta R.T.: -0.001 min
Response: 72447697
Conc: 44.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



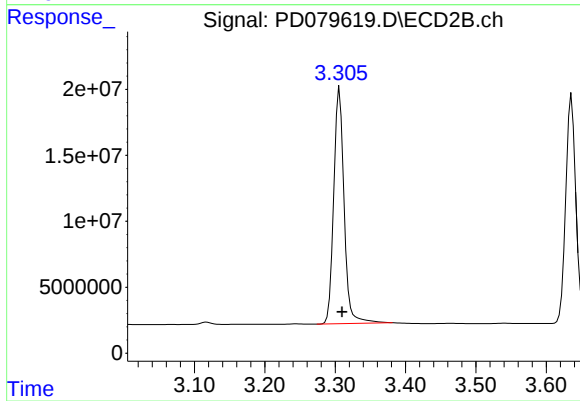
#1 Tetrachloro-m-xylene

R.T.: 2.804 min
Delta R.T.: -0.003 min
Response: 117670675
Conc: 50.82 ng/ml



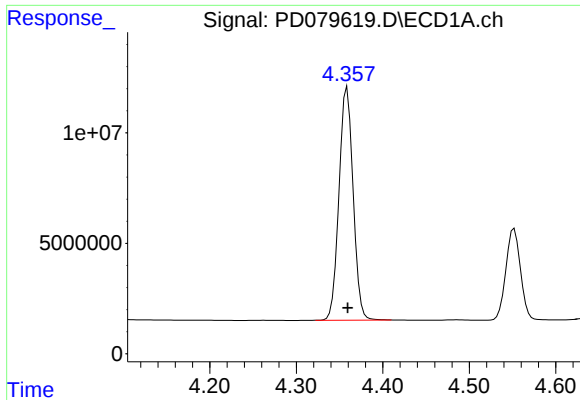
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 122636467
Conc: 46.07 ng/ml



#2 alpha-BHC

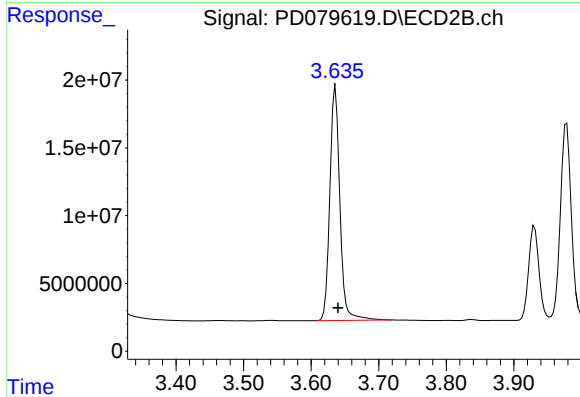
R.T.: 3.306 min
Delta R.T.: -0.004 min
Response: 183318910
Conc: 52.87 ng/ml



#3 gamma-BHC (Lindane)

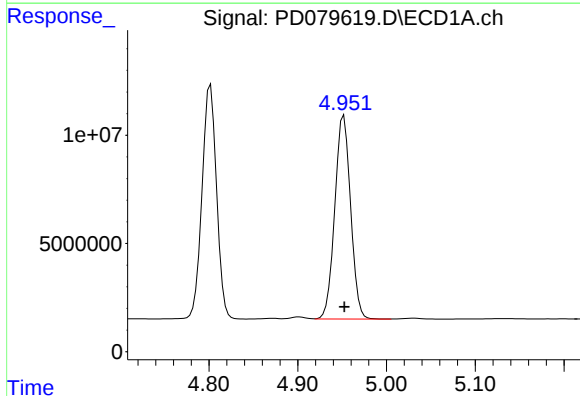
R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 118709601
Conc: 45.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



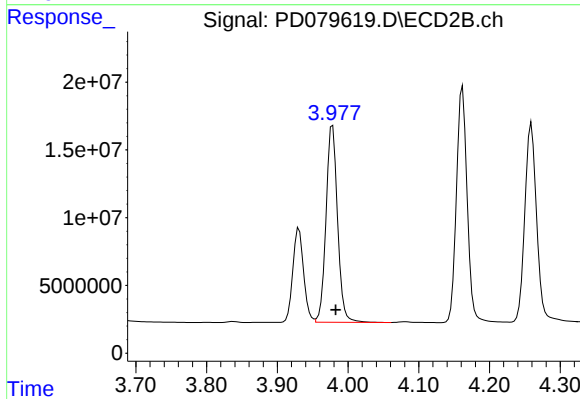
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: -0.004 min
Response: 179723249
Conc: 52.93 ng/ml



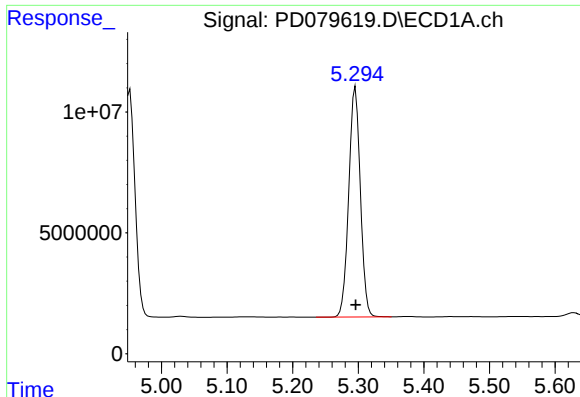
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 116399637
Conc: 43.51 ng/ml



#4 Heptachlor

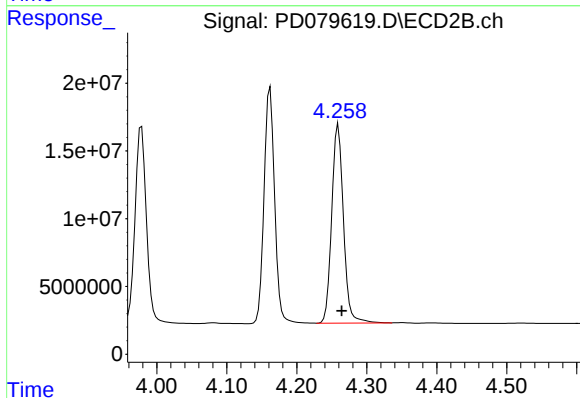
R.T.: 3.978 min
Delta R.T.: -0.005 min
Response: 164551787
Conc: 53.88 ng/ml



#5 Aldrin

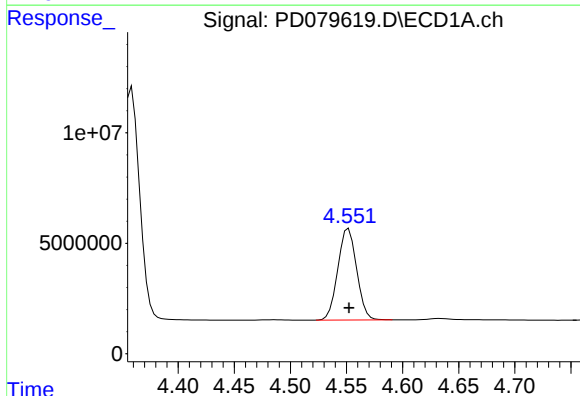
R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 116885152
Conc: 45.36 ng/ml

Instrument :
ECD_D
ClientSampleId :



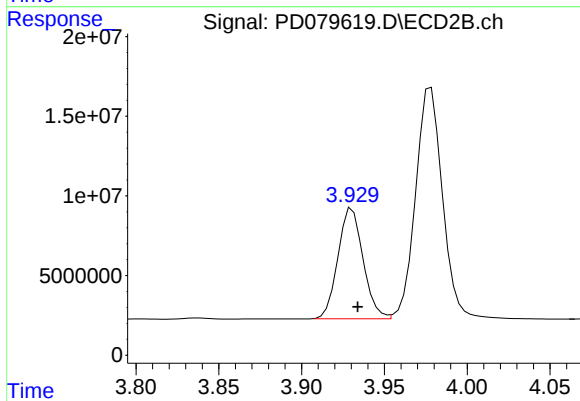
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: -0.005 min
Response: 171317281
Conc: 52.37 ng/ml



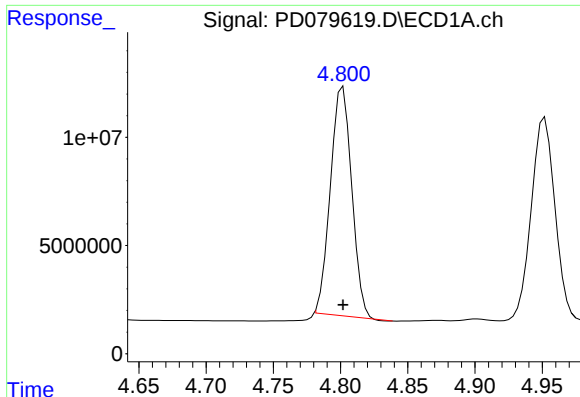
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 48463558
Conc: 45.23 ng/ml



#6 beta-BHC

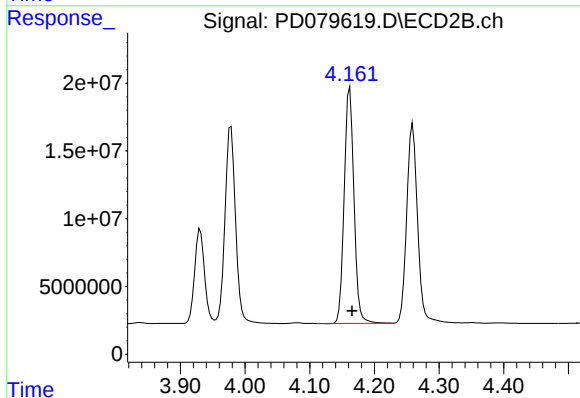
R.T.: 3.931 min
Delta R.T.: -0.003 min
Response: 73392224
Conc: 52.08 ng/ml



#7 delta-BHC

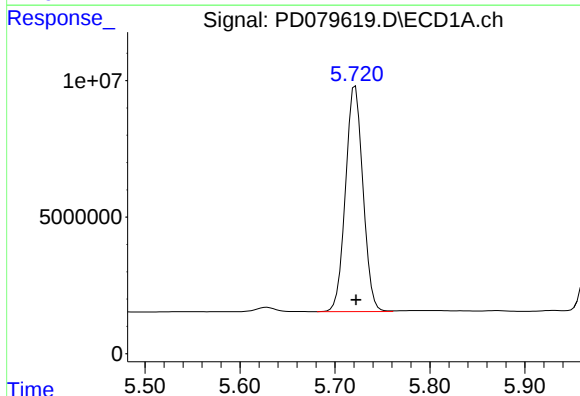
R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 115470469
Conc: 43.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



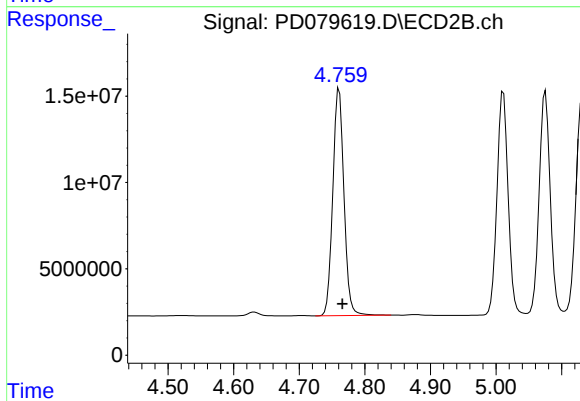
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: -0.003 min
Response: 182886042
Conc: 54.62 ng/ml



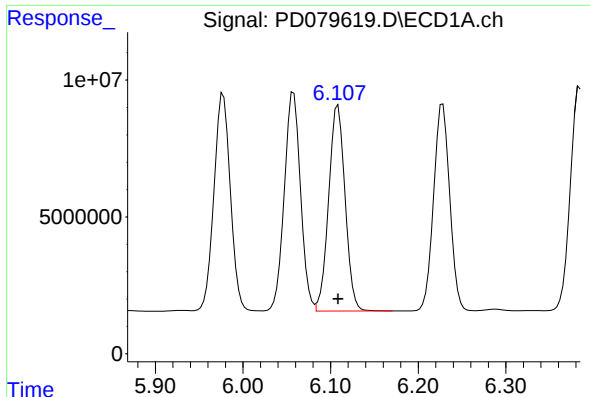
#8 Heptachlor epoxide

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 105523226
Conc: 45.02 ng/ml



#8 Heptachlor epoxide

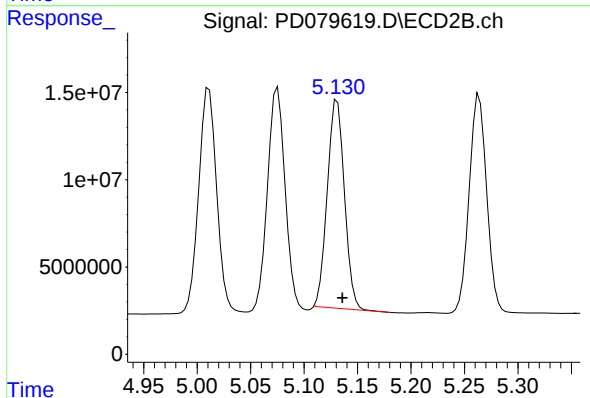
R.T.: 4.761 min
Delta R.T.: -0.005 min
Response: 155912385
Conc: 52.59 ng/ml



#9 Endosulfan I

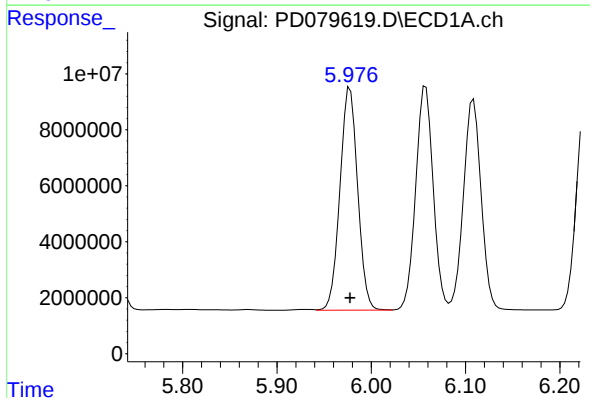
R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 98100705
Conc: 45.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



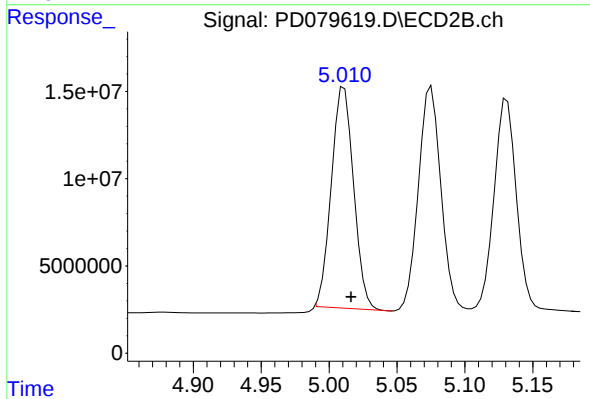
#9 Endosulfan I

R.T.: 5.131 min
Delta R.T.: -0.005 min
Response: 132776260
Conc: 50.15 ng/ml



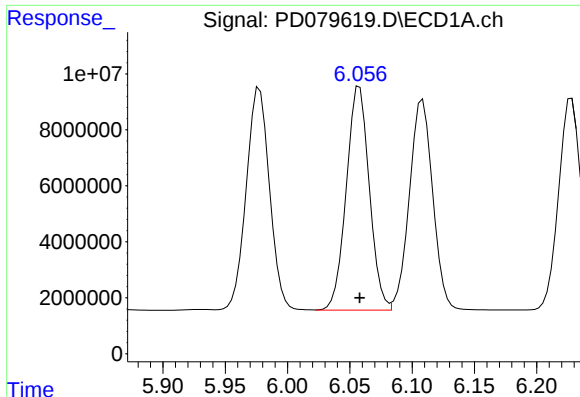
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 103898135
Conc: 45.32 ng/ml



#10 gamma-Chlordane

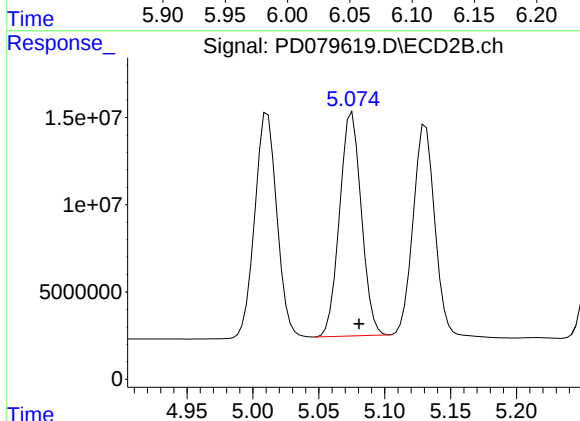
R.T.: 5.011 min
Delta R.T.: -0.005 min
Response: 144590408
Conc: 50.39 ng/ml



#11 alpha-Chlordane

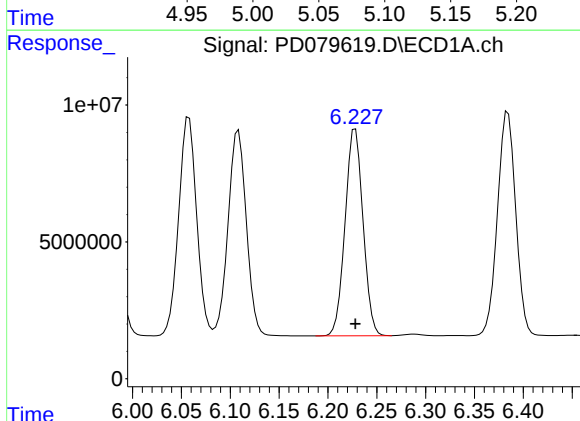
R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 103190278
Conc: 45.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



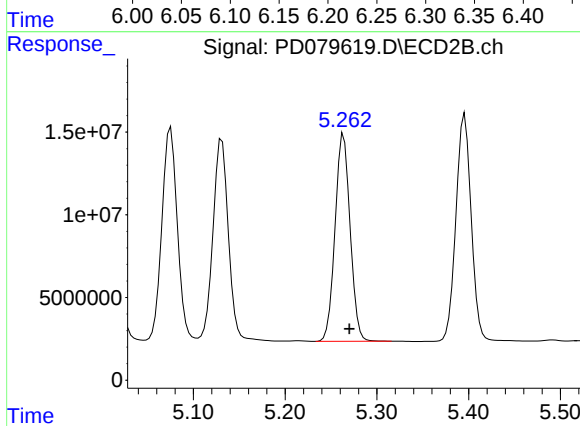
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: -0.005 min
Response: 146994618
Conc: 51.22 ng/ml



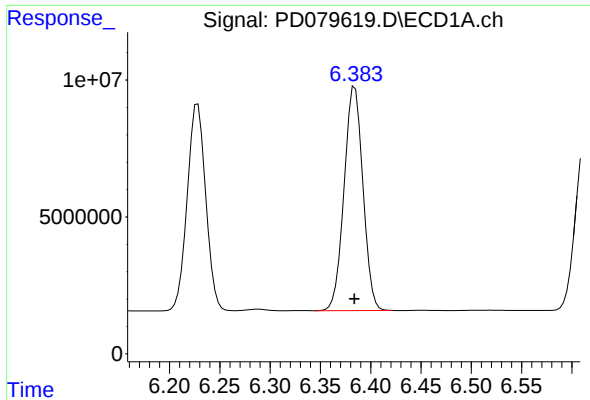
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 96658069
Conc: 45.74 ng/ml



#12 4,4'-DDE

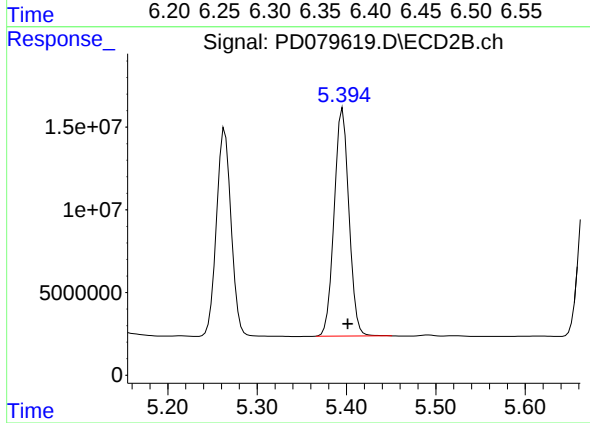
R.T.: 5.264 min
Delta R.T.: -0.006 min
Response: 143254426
Conc: 53.81 ng/ml



#13 Dieldrin

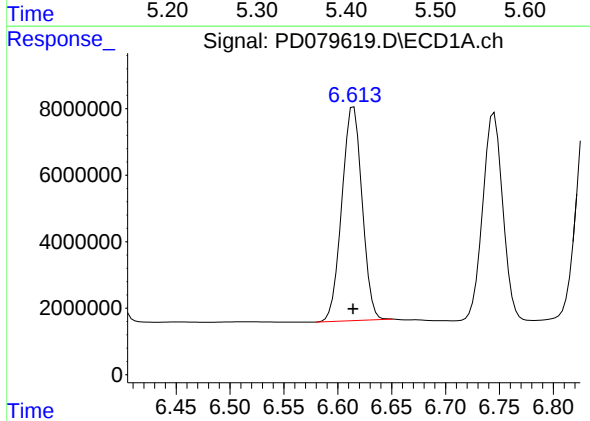
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 106472308
Conc: 45.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



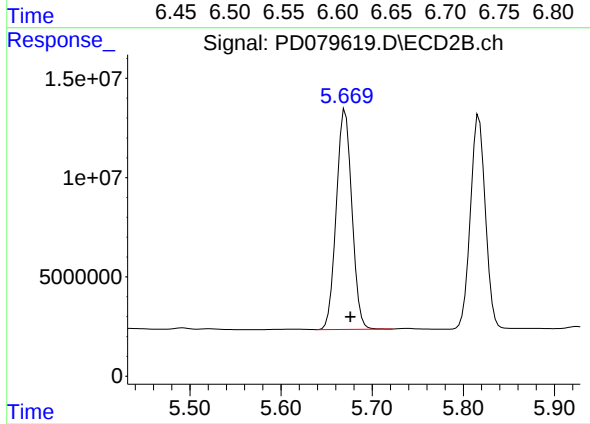
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: -0.005 min
Response: 158371194
Conc: 53.33 ng/ml



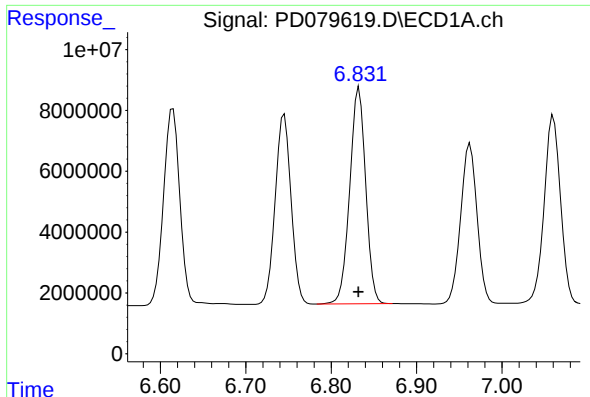
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 84346126
Conc: 43.31 ng/ml



#14 Endrin

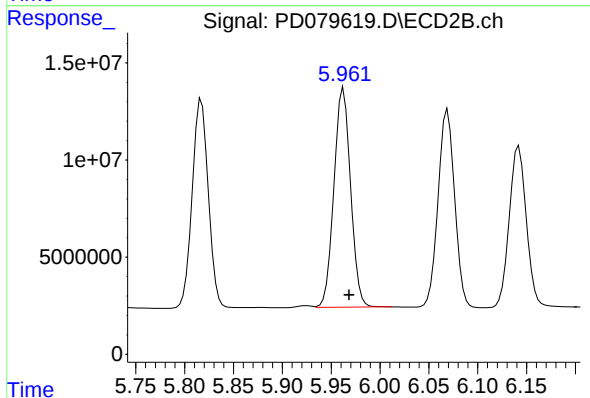
R.T.: 5.670 min
Delta R.T.: -0.006 min
Response: 131524787
Conc: 51.39 ng/ml



#15 Endosulfan II

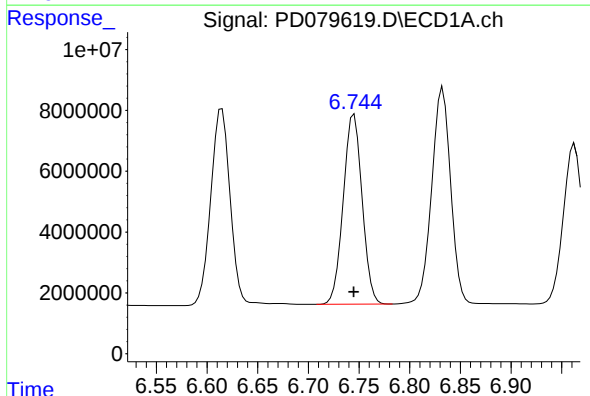
R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 92248829
Conc: 45.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



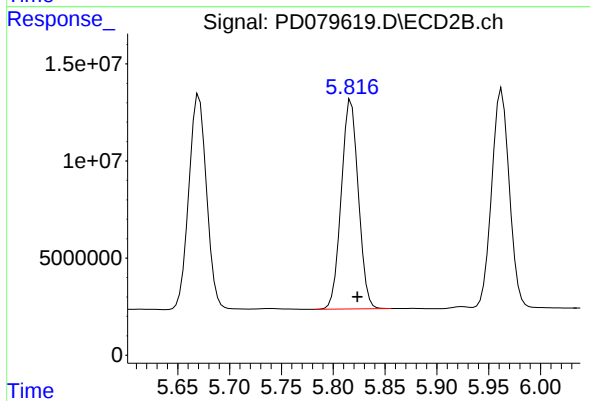
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: -0.006 min
Response: 134019091
Conc: 53.68 ng/ml



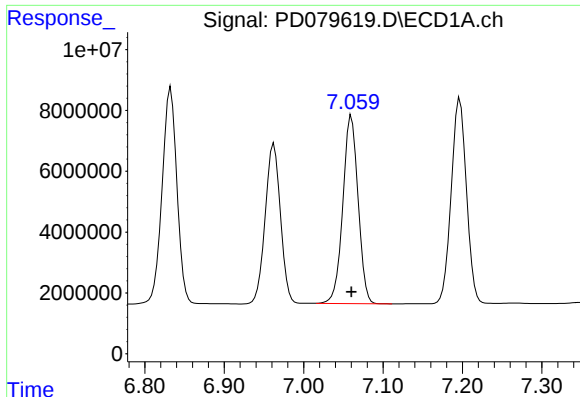
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 80714831
Conc: 45.91 ng/ml



#16 4,4'-DDD

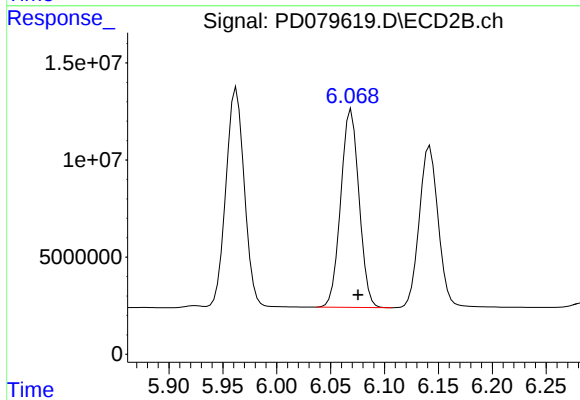
R.T.: 5.817 min
Delta R.T.: -0.006 min
Response: 123343030
Conc: 54.00 ng/ml



#17 4,4'-DDT

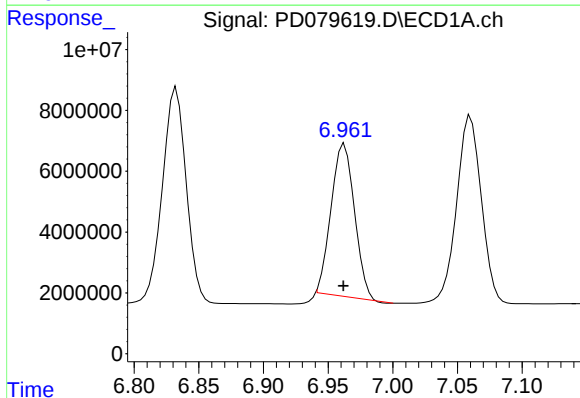
R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 82389466
Conc: 43.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



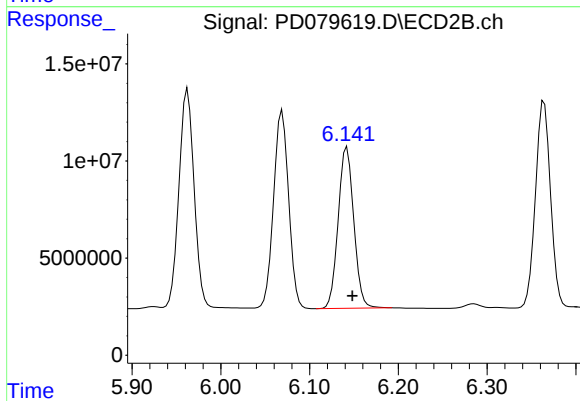
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: -0.006 min
Response: 120356824
Conc: 52.57 ng/ml



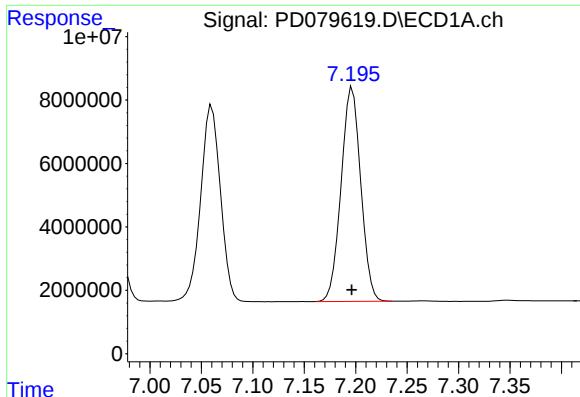
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 62924679
Conc: 40.75 ng/ml



#18 Endrin aldehyde

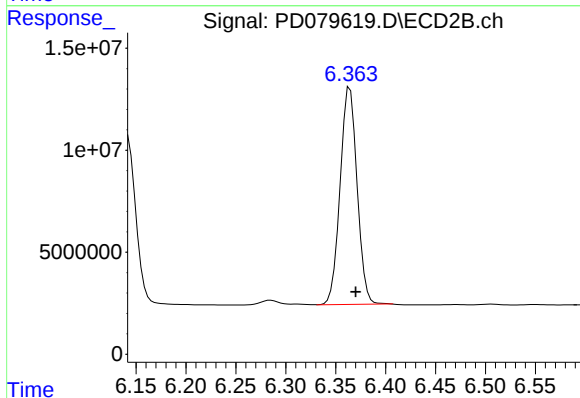
R.T.: 6.142 min
Delta R.T.: -0.006 min
Response: 101322725
Conc: 54.49 ng/ml



#19 Endosulfan Sulfate

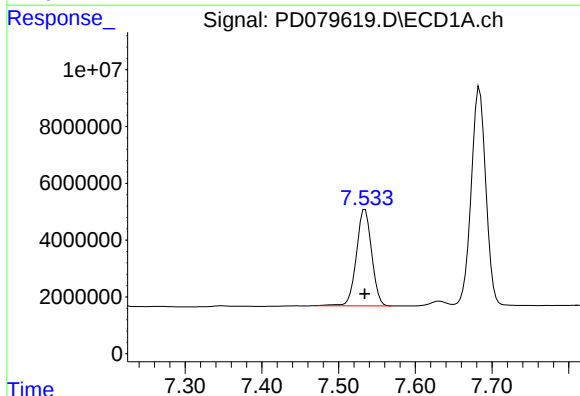
R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 89795009
Conc: 45.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



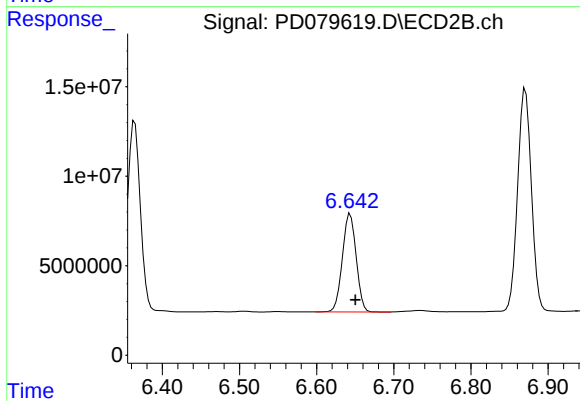
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: -0.006 min
Response: 125850271
Conc: 53.90 ng/ml



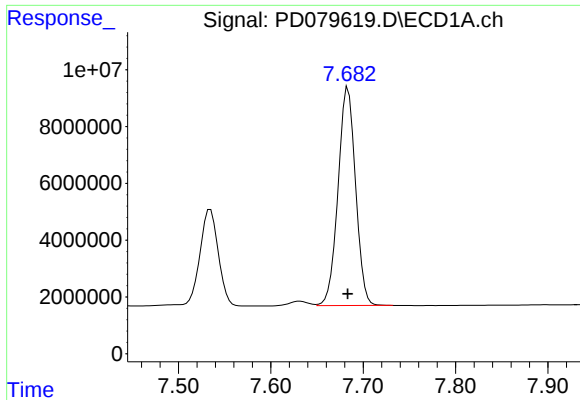
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 47170472
Conc: 43.05 ng/ml



#20 Methoxychlor

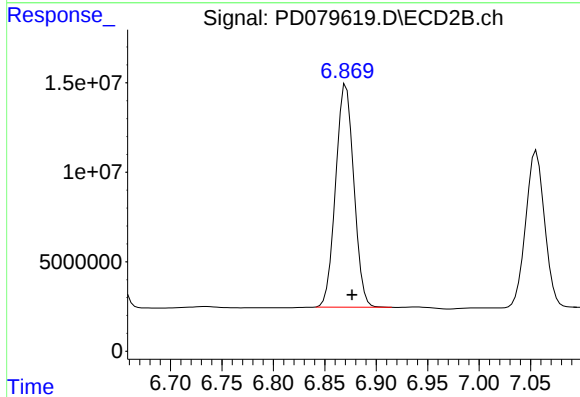
R.T.: 6.644 min
Delta R.T.: -0.006 min
Response: 67929079
Conc: 50.04 ng/ml



#21 Endrin ketone

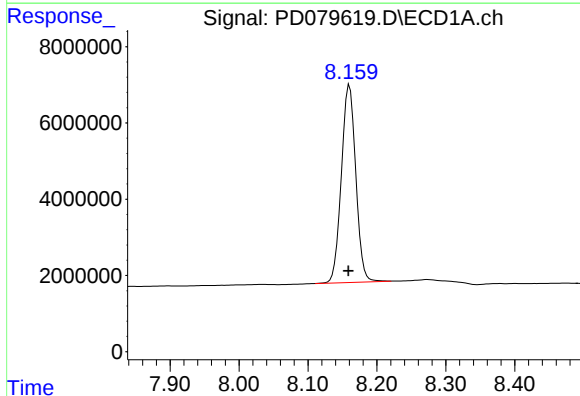
R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 101434685
Conc: 46.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



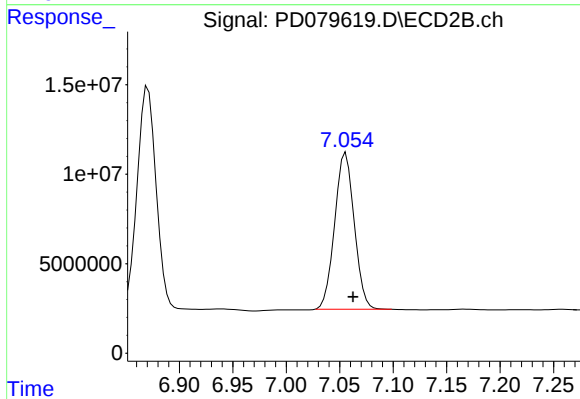
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: -0.006 min
Response: 153324130
Conc: 54.84 ng/ml



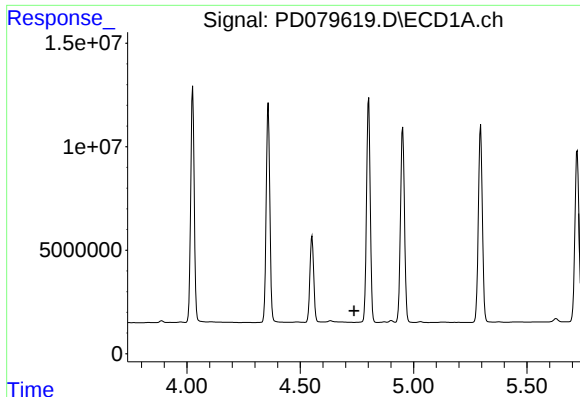
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.002 min
Response: 75467984
Conc: 44.59 ng/ml



#22 Mirex

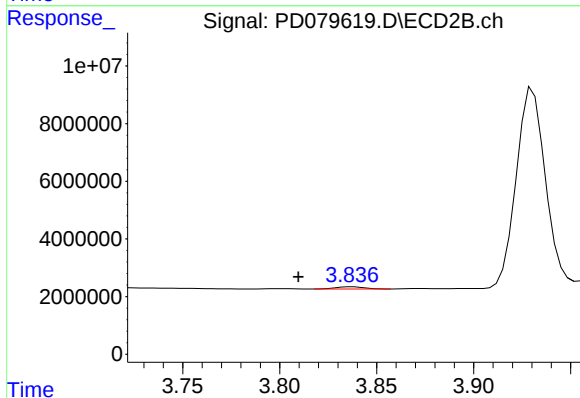
R.T.: 7.056 min
Delta R.T.: -0.007 min
Response: 111477761
Conc: 52.18 ng/ml



#23 Chlordane-1

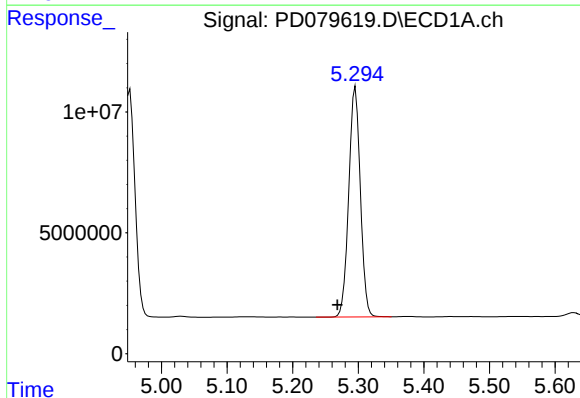
R.T.: 0.000 min
Exp R.T.: 4.738 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



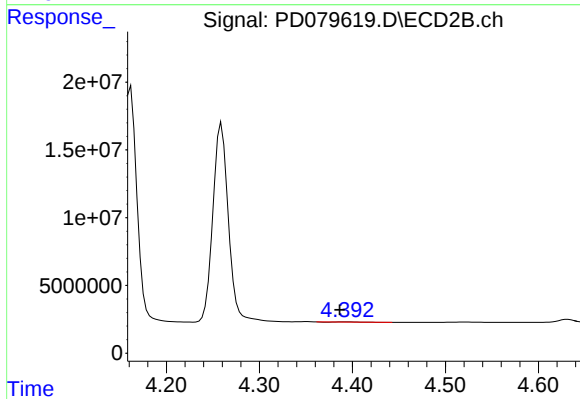
#23 Chlordane-1

R.T.: 3.837 min
Delta R.T.: 0.028 min
Response: 772228
Conc: 8.89 ng/ml



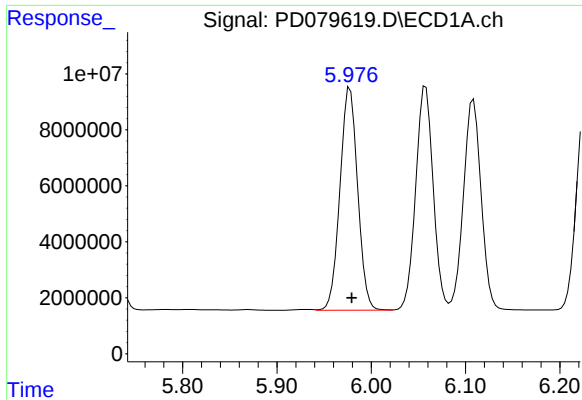
#24 Chlordane-2

R.T.: 5.296 min
Delta R.T.: 0.028 min
Response: 116885152
Conc: 1464.21 ng/ml



#24 Chlordane-2

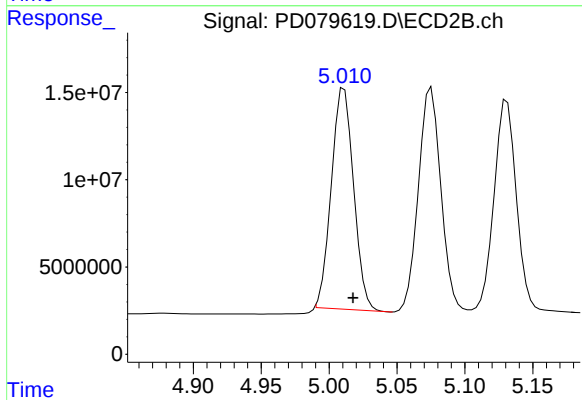
R.T.: 4.393 min
Delta R.T.: 0.006 min
Response: 148419
Conc: 1.63 ng/ml



#25 Chlordane-3

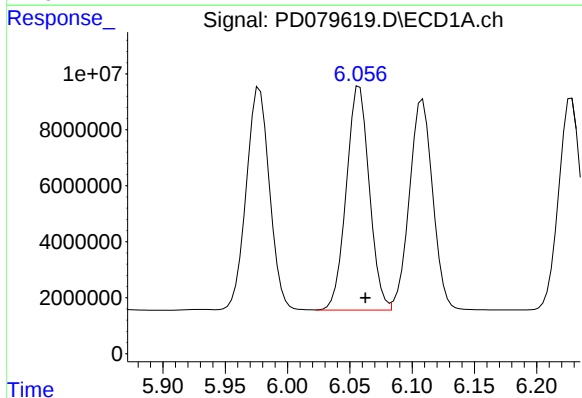
R.T.: 5.977 min
Delta R.T.: -0.002 min
Response: 103898135
Conc: 335.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



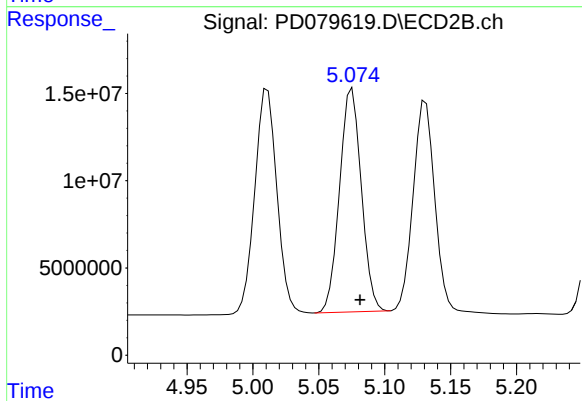
#25 Chlordane-3

R.T.: 5.011 min
Delta R.T.: -0.007 min
Response: 144590408
Conc: 542.08 ng/ml



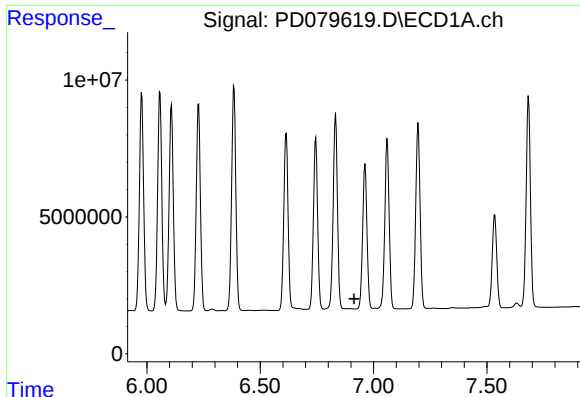
#26 Chlordane-4

R.T.: 6.058 min
Delta R.T.: -0.005 min
Response: 103190278
Conc: 277.75 ng/ml



#26 Chlordane-4

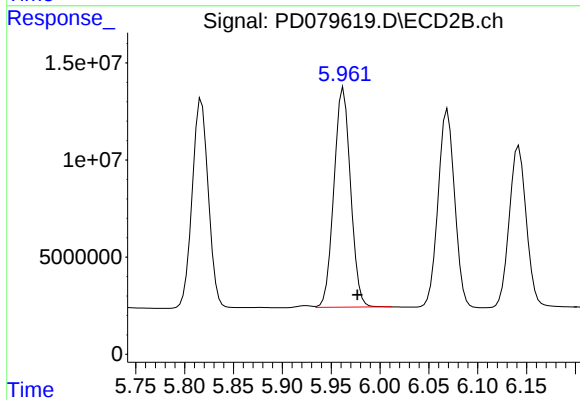
R.T.: 5.075 min
Delta R.T.: -0.006 min
Response: 146994618
Conc: 599.05 ng/ml



#27 Chlordane-5

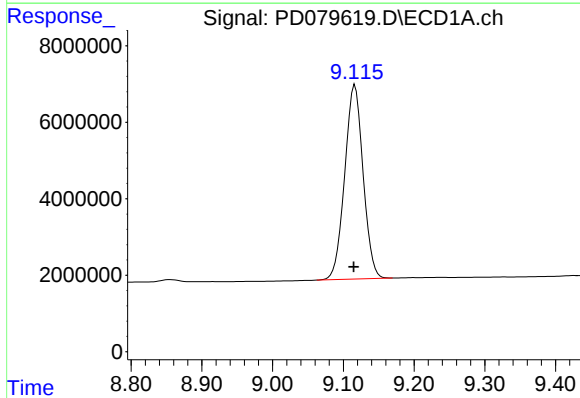
R.T.: 0.000 min
Exp R.T.: 6.914 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



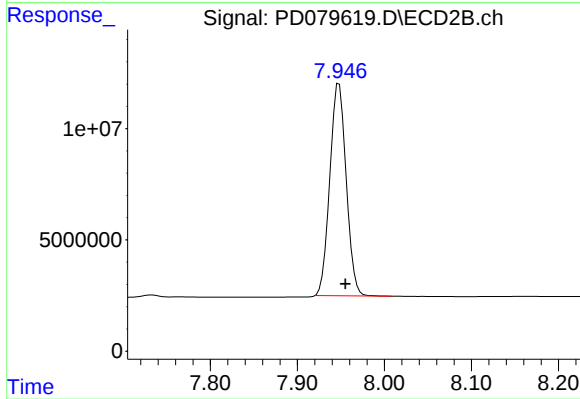
#27 Chlordane-5

R.T.: 5.963 min
Delta R.T.: -0.014 min
Response: 134019091
Conc: 1344.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.002 min
Response: 91814399
Conc: 45.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: -0.008 min
Response: 124626757
Conc: 51.13 ng/ml