

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101121\
 Data File : PD066158.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2021 11:25
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

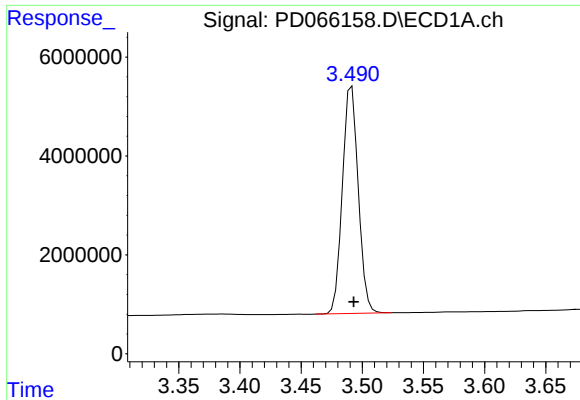
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 12 01:39:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 23 12:18:33 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.491	4.010	41590077	292.6E6	56.161	50.949
28)	SA Decachlor...	8.233	9.082	59781327	218.3E6	43.765	56.406 #
Target Compounds							
2)	A alpha-BHC	3.931	4.405	64806288	421.4E6	57.704	50.119
3)	MA gamma-BHC...	4.214	4.691	61684007	393.8E6	55.007	50.967
4)	MA Heptachlor	4.511	5.195	66960599	360.7E6	56.137	49.708
5)	MB Aldrin	4.758	5.500	61939693	335.5E6	55.368	49.871
6)	B beta-BHC	4.462	4.868	31408704	179.8E6	55.019	48.660
7)	B delta-BHC	4.667	5.085	63163575	356.2E6	55.873	49.496
8)	B Heptachlo...	5.201	5.890	59980703	264.3E6	53.567	51.146
9)	A Endosulfan I	5.539	6.247	57007888	294.8E6	52.419	53.341
10)	B gamma-Chl...	5.426	6.123	61624262	311.1E6	51.033	51.867
11)	B alpha-Chl...	5.485	6.195	61387123	307.2E6	51.857	51.187
12)	B 4,4'-DDE	5.647	6.354	57528461	305.2E6	52.850	52.913
13)	MA Dieldrin	5.782	6.505	60141029	314.1E6	51.889	53.291
14)	MA Endrin	6.040	6.724	55263997	267.6E6	52.227	54.273
15)	B Endosulfa...	6.312	6.937	53576653	269.7E6	49.594	55.673
16)	A 4,4'-DDD	6.162	6.848	50013986	263.6E6	50.985	53.638
17)	MA 4,4'-DDT	6.401	7.146	54339449	280.5E6	49.368	55.520
18)	B Endrin al...	6.481	7.062	41102284	198.5E6	46.377	50.695
19)	B Endosulfa...	6.692	7.285	56044064	269.2E6	49.102	54.573
20)	A Methoxychlor	6.948	7.605	33627218	150.4E6	49.209	57.148
21)	B Endrin ke...	7.186	7.759	67205211	310.2E6	47.709	54.399
22)	Mirex	7.370	8.207	54032973	216.3E6	44.753	54.774
23)	Chlordane-1	4.363	4.979f	236034	542717	7.046	2.451 #
24)	Chlordane-2	4.861	5.500f	71388	335.5E6	1.758	1450.454 #
25)	Chlordane-3	5.426	6.123	61624262	311.1E6	523.062	379.346 #
26)	Chlordane-4	5.485	6.195	61387123	307.2E6	621.551	320.310 #
27)	Chlordane-5	6.312	0.000	53576653	0	1102.396	N.D. #

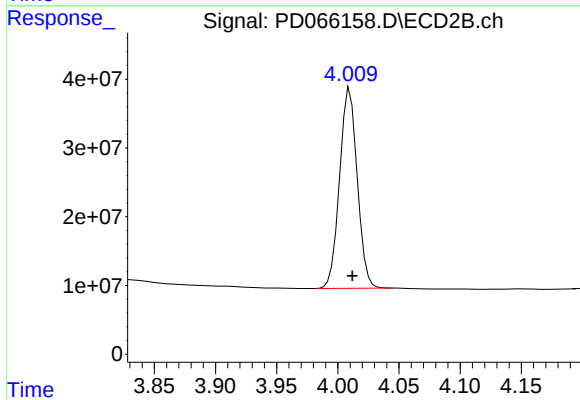
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

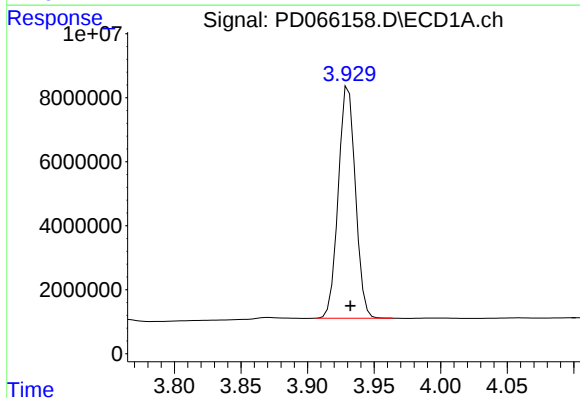
R.T.: 3.491 min
Delta R.T.: -0.002 min
Response: 41590077
Conc: 56.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



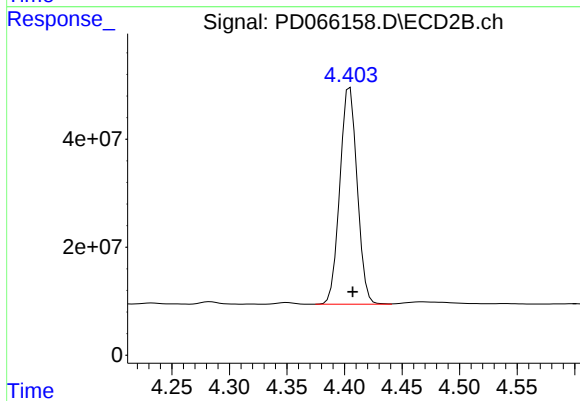
#1 Tetrachloro-m-xylene

R.T.: 4.010 min
Delta R.T.: -0.002 min
Response: 292558266
Conc: 50.95 ng/ml



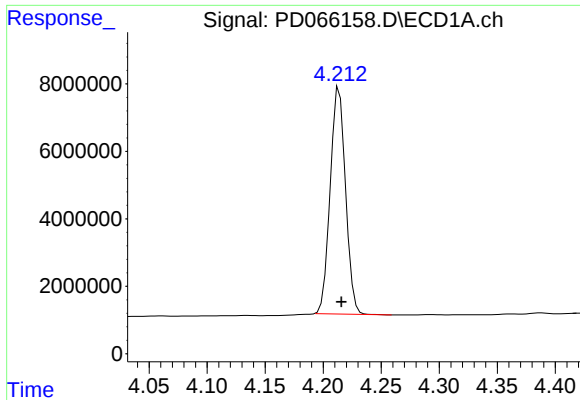
#2 alpha-BHC

R.T.: 3.931 min
Delta R.T.: -0.001 min
Response: 64806288
Conc: 57.70 ng/ml



#2 alpha-BHC

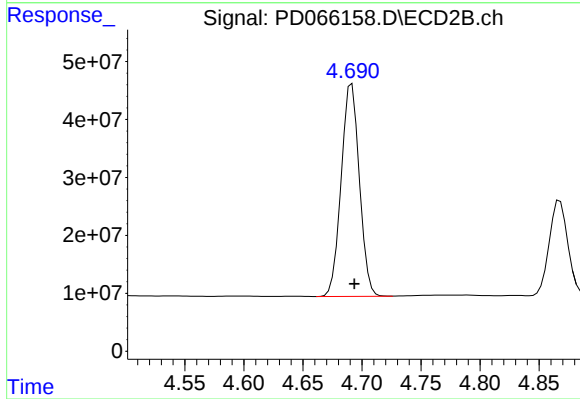
R.T.: 4.405 min
Delta R.T.: -0.002 min
Response: 421412182
Conc: 50.12 ng/ml



#3 gamma-BHC (Lindane)

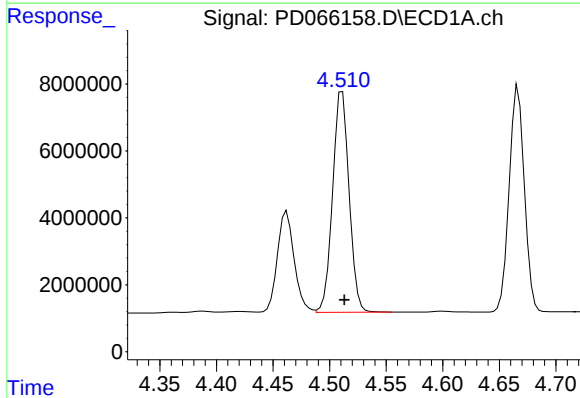
R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 61684007
Conc: 55.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



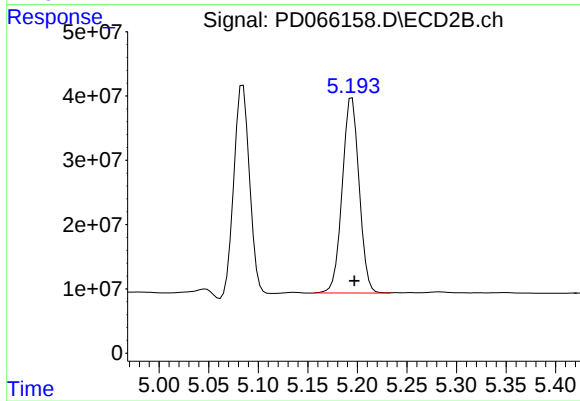
#3 gamma-BHC (Lindane)

R.T.: 4.691 min
Delta R.T.: -0.002 min
Response: 393763421
Conc: 50.97 ng/ml



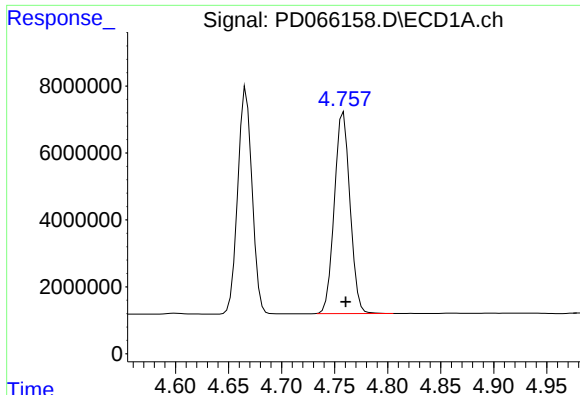
#4 Heptachlor

R.T.: 4.511 min
Delta R.T.: -0.002 min
Response: 66960599
Conc: 56.14 ng/ml



#4 Heptachlor

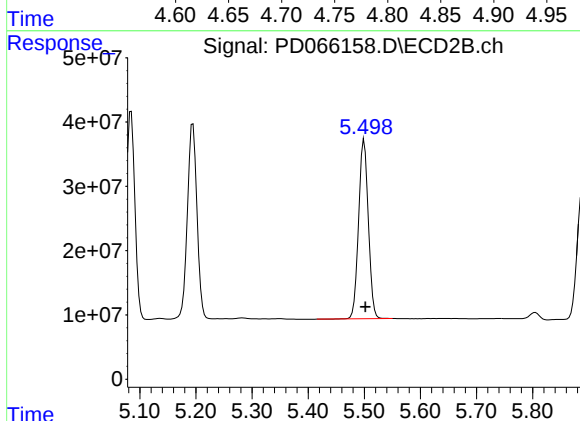
R.T.: 5.195 min
Delta R.T.: -0.003 min
Response: 360667795
Conc: 49.71 ng/ml



#5 Aldrin

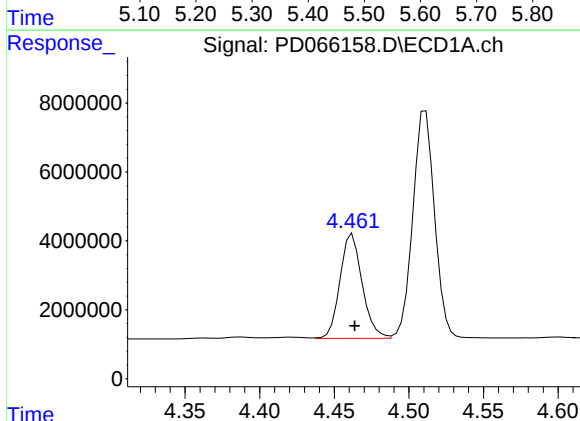
R.T.: 4.758 min
Delta R.T.: -0.002 min
Response: 61939693
Conc: 55.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



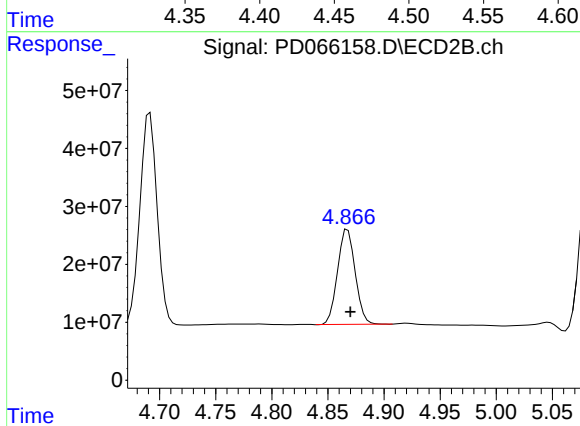
#5 Aldrin

R.T.: 5.500 min
Delta R.T.: -0.003 min
Response: 335507924
Conc: 49.87 ng/ml



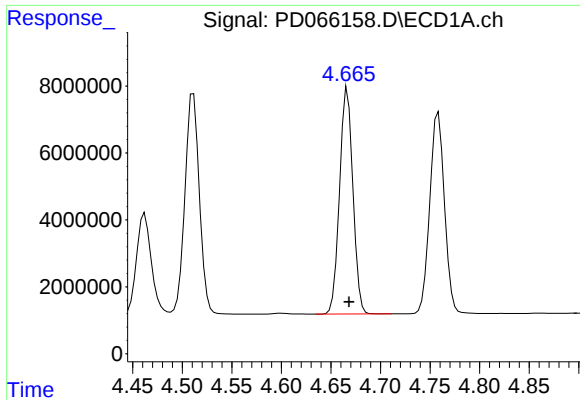
#6 beta-BHC

R.T.: 4.462 min
Delta R.T.: -0.002 min
Response: 31408704
Conc: 55.02 ng/ml



#6 beta-BHC

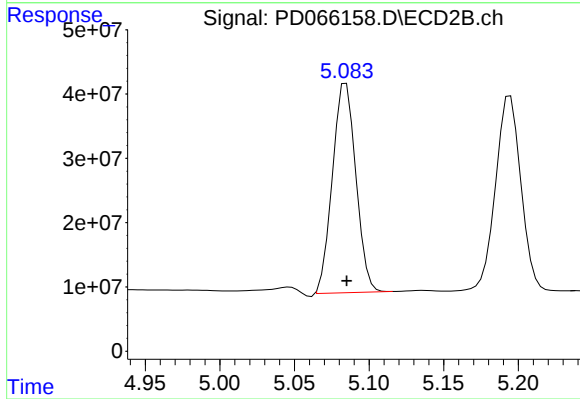
R.T.: 4.868 min
Delta R.T.: -0.002 min
Response: 179839699
Conc: 48.66 ng/ml



#7 delta-BHC

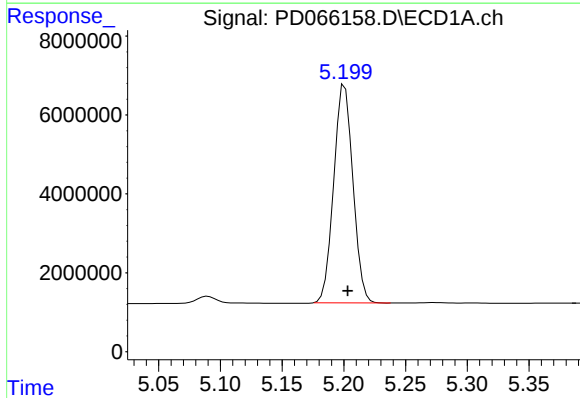
R.T.: 4.667 min
Delta R.T.: -0.001 min
Response: 63163575
Conc: 55.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



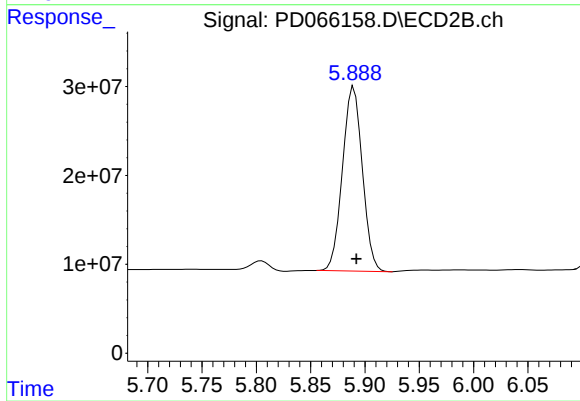
#7 delta-BHC

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 356207616
Conc: 49.50 ng/ml



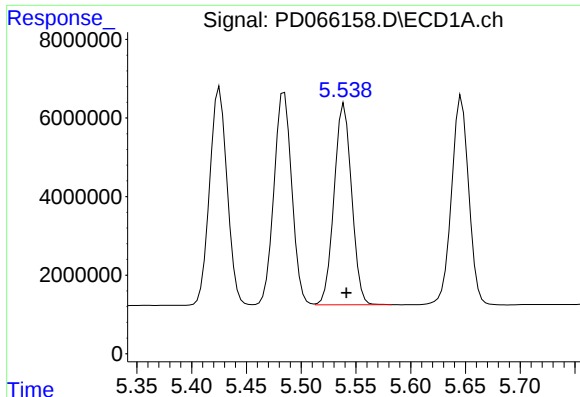
#8 Heptachlor epoxide

R.T.: 5.201 min
Delta R.T.: -0.002 min
Response: 59980703
Conc: 53.57 ng/ml



#8 Heptachlor epoxide

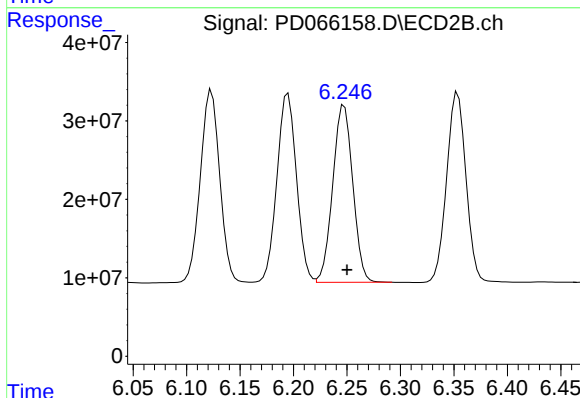
R.T.: 5.890 min
Delta R.T.: -0.002 min
Response: 264317674
Conc: 51.15 ng/ml



#9 Endosulfan I

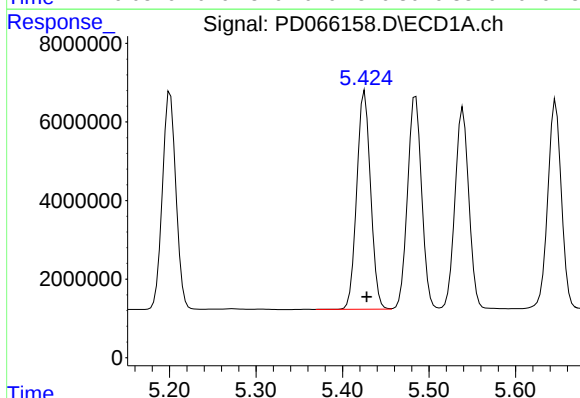
R.T.: 5.539 min
Delta R.T.: -0.002 min
Response: 57007888
Conc: 52.42 ng/ml

Instrument :
ECD_D
ClientSampleId :



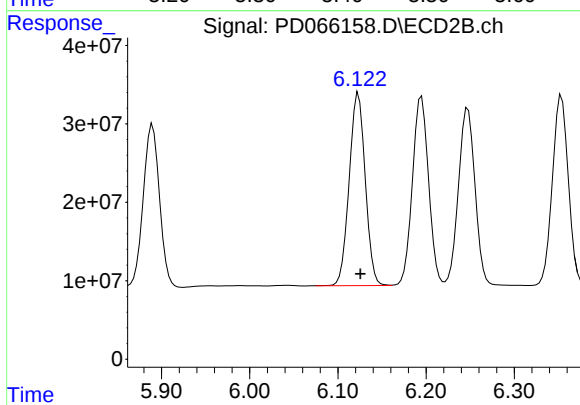
#9 Endosulfan I

R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 294819226
Conc: 53.34 ng/ml



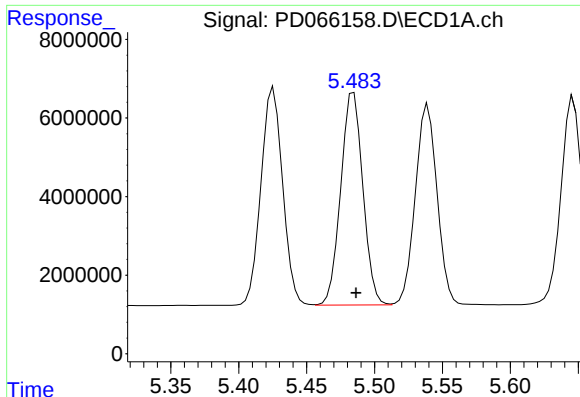
#10 gamma-Chlordane

R.T.: 5.426 min
Delta R.T.: -0.002 min
Response: 61624262
Conc: 51.03 ng/ml



#10 gamma-Chlordane

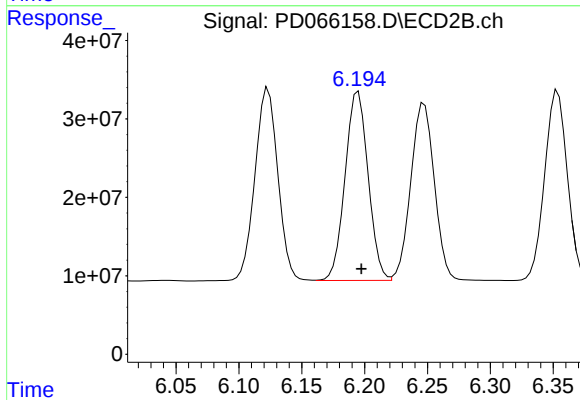
R.T.: 6.123 min
Delta R.T.: -0.002 min
Response: 311084957
Conc: 51.87 ng/ml



#11 alpha-Chlordane

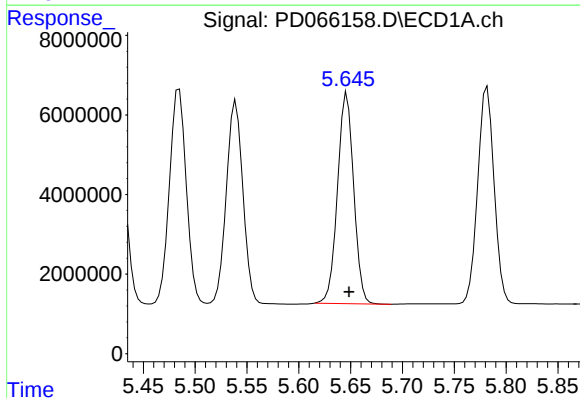
R.T.: 5.485 min
Delta R.T.: -0.002 min
Response: 61387123
Conc: 51.86 ng/ml

Instrument :
ECD_D
ClientSampleId :



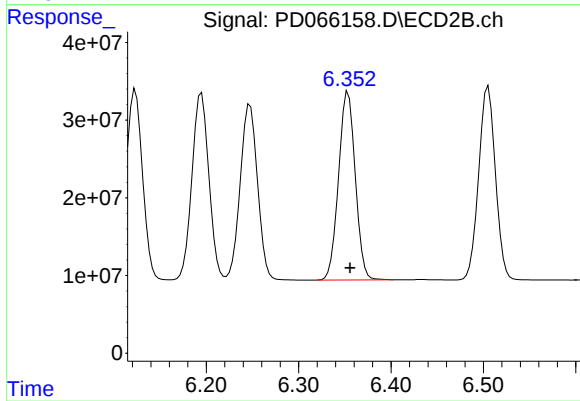
#11 alpha-Chlordane

R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 307229262
Conc: 51.19 ng/ml



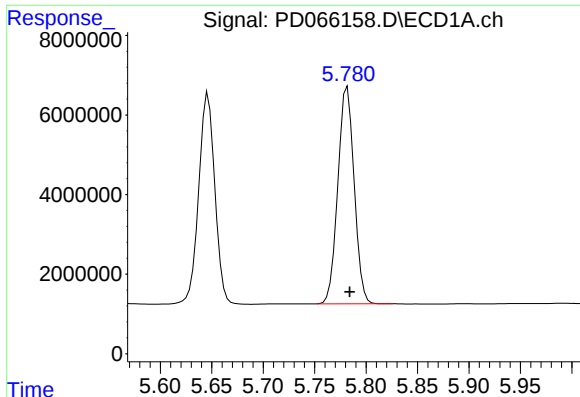
#12 4,4'-DDE

R.T.: 5.647 min
Delta R.T.: -0.002 min
Response: 57528461
Conc: 52.85 ng/ml



#12 4,4'-DDE

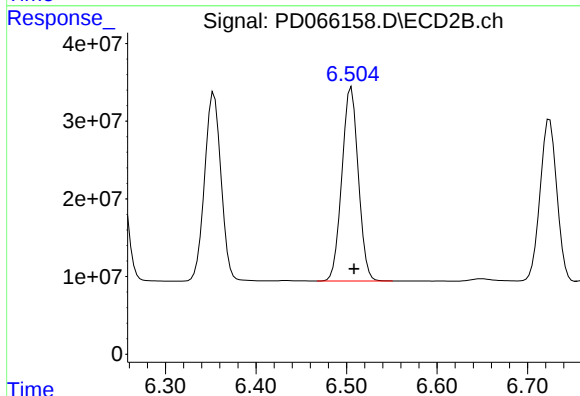
R.T.: 6.354 min
Delta R.T.: -0.002 min
Response: 305173196
Conc: 52.91 ng/ml



#13 Dieldrin

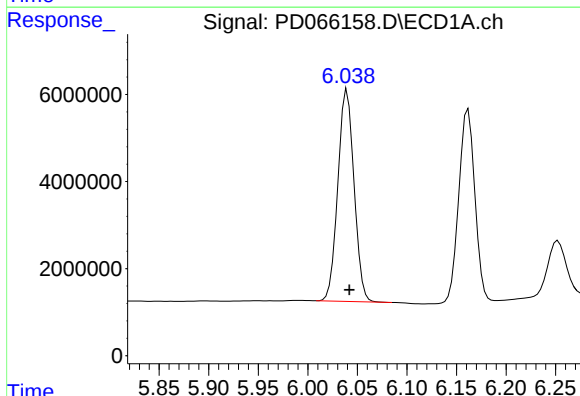
R.T.: 5.782 min
Delta R.T.: -0.002 min
Response: 60141029
Conc: 51.89 ng/ml

Instrument :
ECD_D
ClientSampleId :



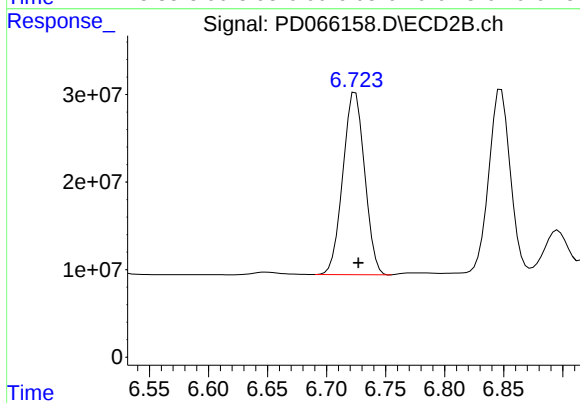
#13 Dieldrin

R.T.: 6.505 min
Delta R.T.: -0.003 min
Response: 314053043
Conc: 53.29 ng/ml



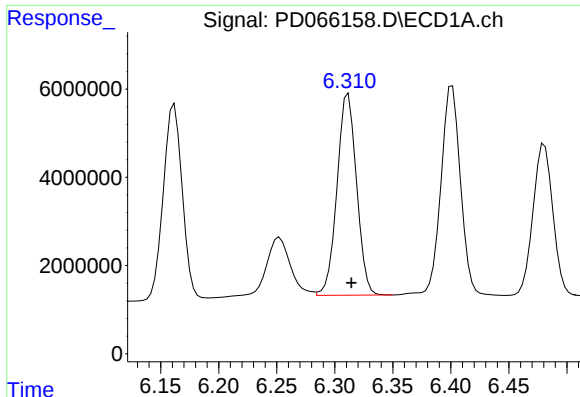
#14 Endrin

R.T.: 6.040 min
Delta R.T.: -0.002 min
Response: 55263997
Conc: 52.23 ng/ml



#14 Endrin

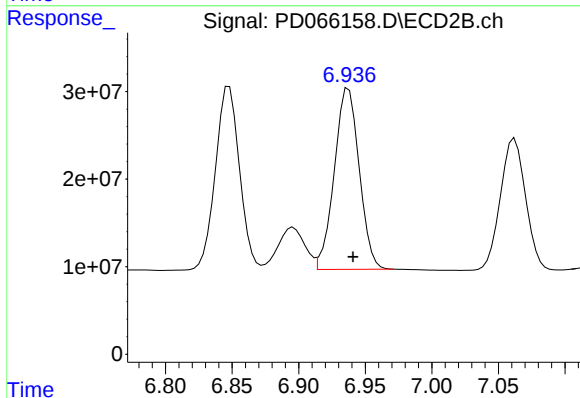
R.T.: 6.724 min
Delta R.T.: -0.003 min
Response: 267571408
Conc: 54.27 ng/ml



#15 Endosulfan II

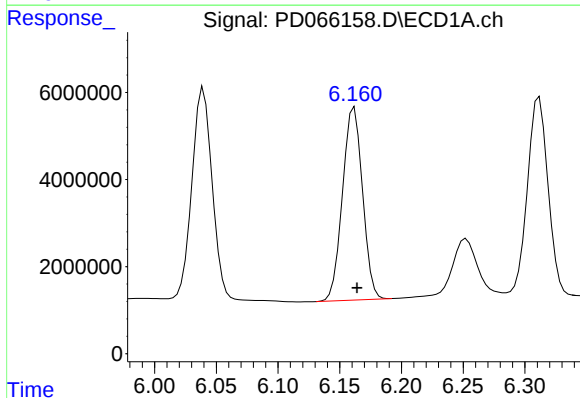
R.T.: 6.312 min
Delta R.T.: -0.003 min
Response: 53576653
Conc: 49.59 ng/ml

Instrument :
ECD_D
ClientSampleId :



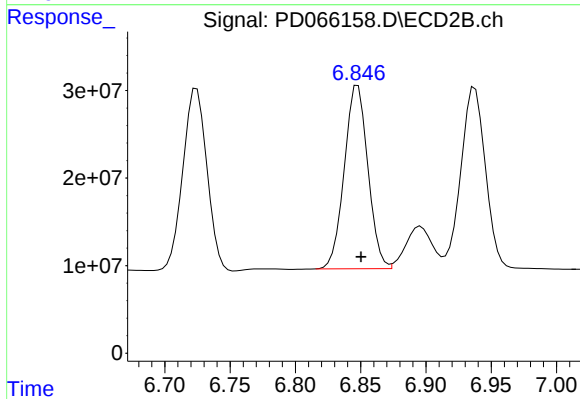
#15 Endosulfan II

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 269672142
Conc: 55.67 ng/ml



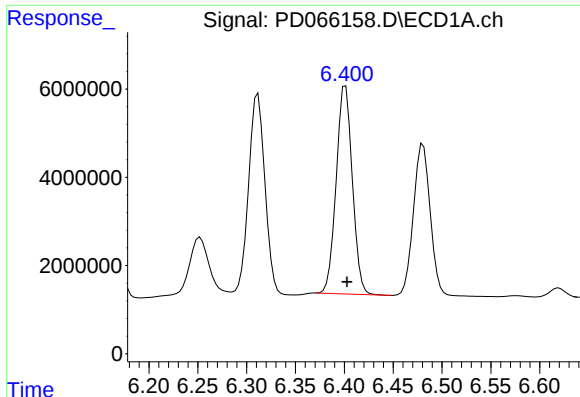
#16 4,4'-DDD

R.T.: 6.162 min
Delta R.T.: -0.002 min
Response: 50013986
Conc: 50.99 ng/ml



#16 4,4'-DDD

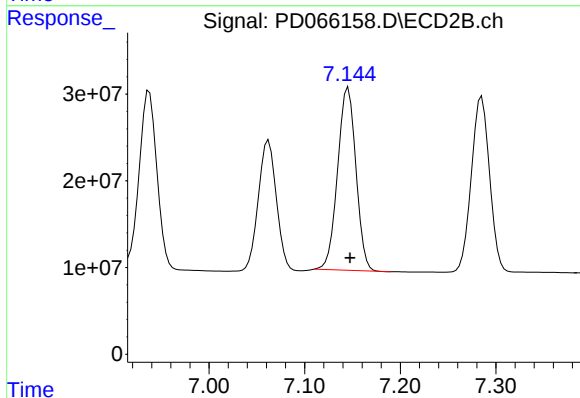
R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 263606282
Conc: 53.64 ng/ml



#17 4,4'-DDT

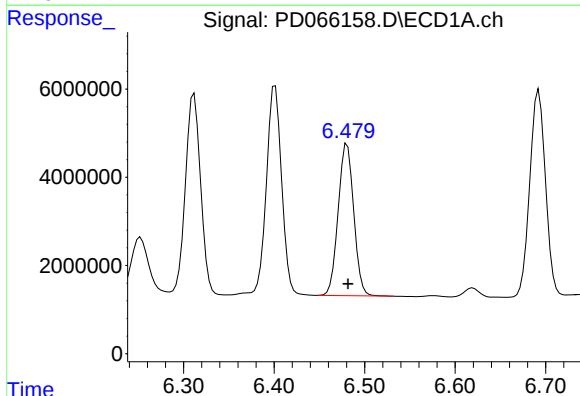
R.T.: 6.401 min
Delta R.T.: -0.002 min
Response: 54339449
Conc: 49.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



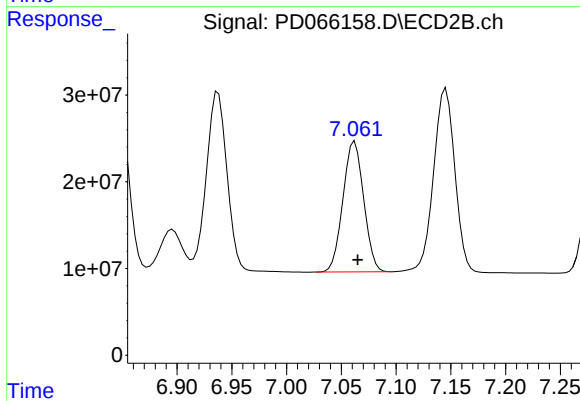
#17 4,4'-DDT

R.T.: 7.146 min
Delta R.T.: -0.002 min
Response: 280453269
Conc: 55.52 ng/ml



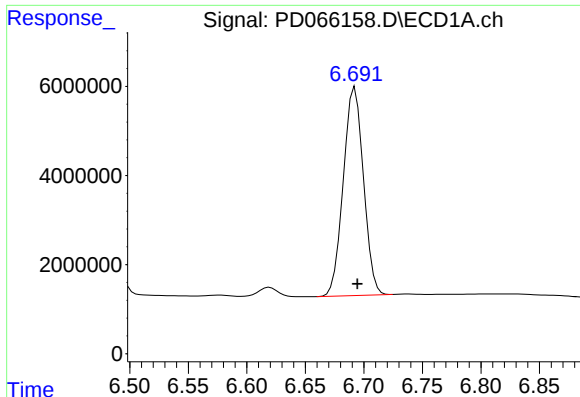
#18 Endrin aldehyde

R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 41102284
Conc: 46.38 ng/ml



#18 Endrin aldehyde

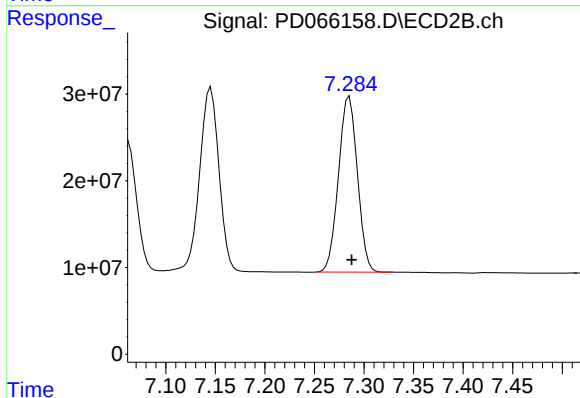
R.T.: 7.062 min
Delta R.T.: -0.003 min
Response: 198467299
Conc: 50.69 ng/ml



#19 Endosulfan Sulfate

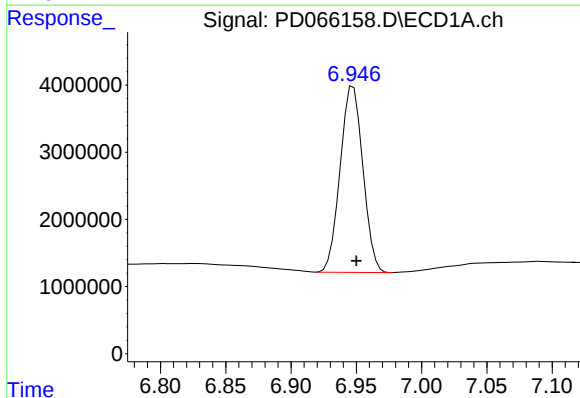
R.T.: 6.692 min
Delta R.T.: -0.002 min
Response: 56044064
Conc: 49.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



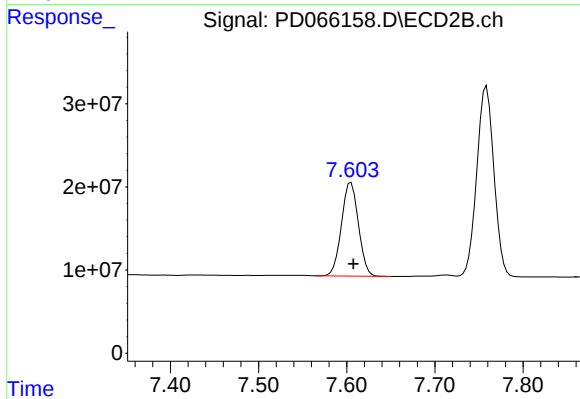
#19 Endosulfan Sulfate

R.T.: 7.285 min
Delta R.T.: -0.002 min
Response: 269168434
Conc: 54.57 ng/ml



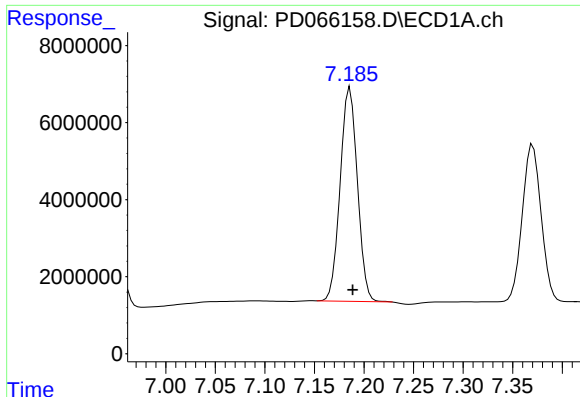
#20 Methoxychlor

R.T.: 6.948 min
Delta R.T.: -0.002 min
Response: 33627218
Conc: 49.21 ng/ml



#20 Methoxychlor

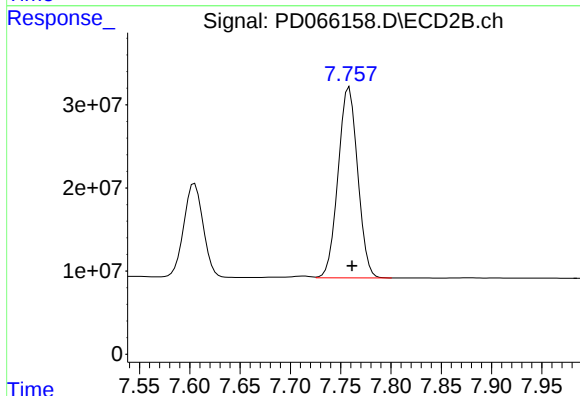
R.T.: 7.605 min
Delta R.T.: -0.003 min
Response: 150390525
Conc: 57.15 ng/ml



#21 Endrin ketone

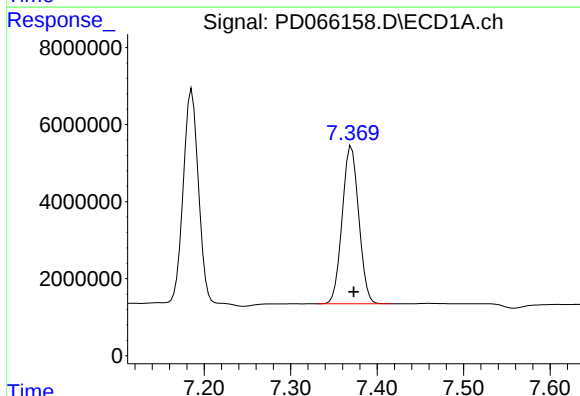
R.T.: 7.186 min
Delta R.T.: -0.003 min
Response: 67205211
Conc: 47.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



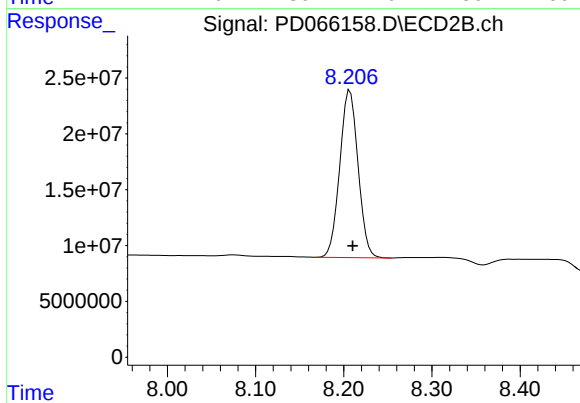
#21 Endrin ketone

R.T.: 7.759 min
Delta R.T.: -0.003 min
Response: 310233284
Conc: 54.40 ng/ml



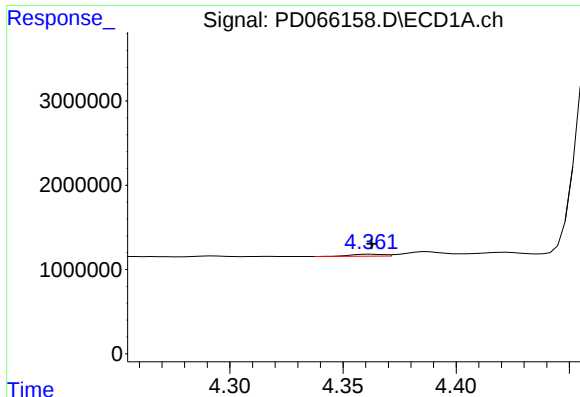
#22 Mirex

R.T.: 7.370 min
Delta R.T.: -0.003 min
Response: 54032973
Conc: 44.75 ng/ml



#22 Mirex

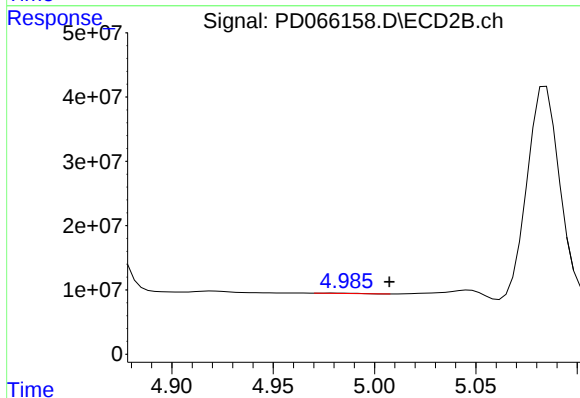
R.T.: 8.207 min
Delta R.T.: -0.003 min
Response: 216282179
Conc: 54.77 ng/ml



#23 Chlordane-1

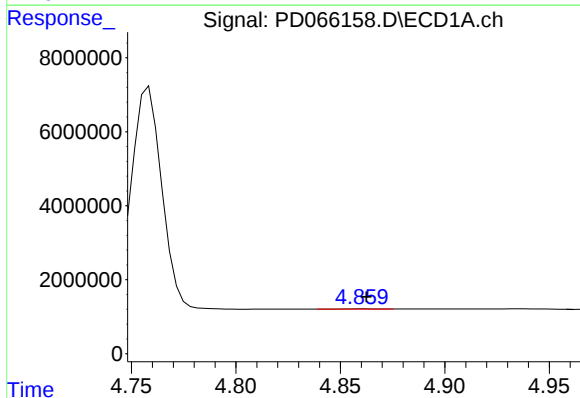
R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 236034
Conc: 7.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



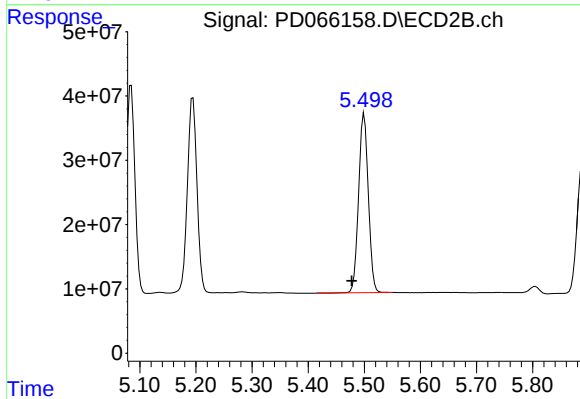
#23 Chlordane-1

R.T.: 4.979 min
Delta R.T.: -0.029 min
Response: 542717
Conc: 2.45 ng/ml



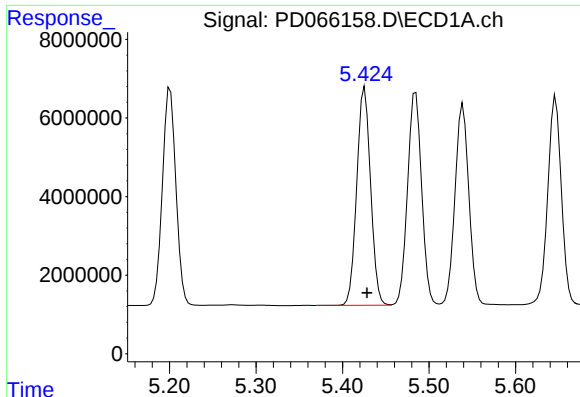
#24 Chlordane-2

R.T.: 4.861 min
Delta R.T.: -0.002 min
Response: 71388
Conc: 1.76 ng/ml



#24 Chlordane-2

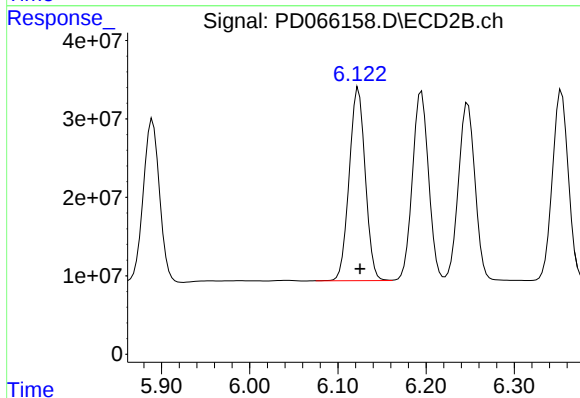
R.T.: 5.500 min
Delta R.T.: 0.022 min
Response: 335507924
Conc: 1450.45 ng/ml



#25 Chlordane-3

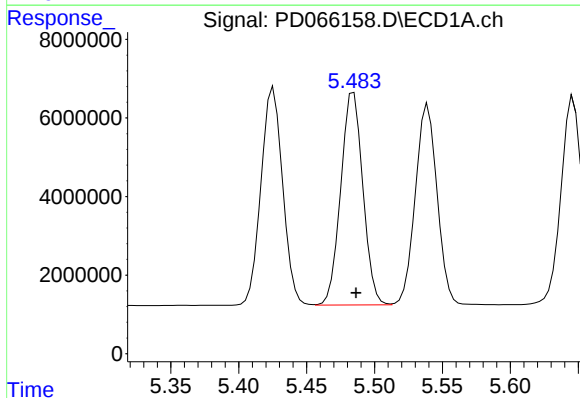
R.T.: 5.426 min
Delta R.T.: -0.003 min
Response: 61624262
Conc: 523.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



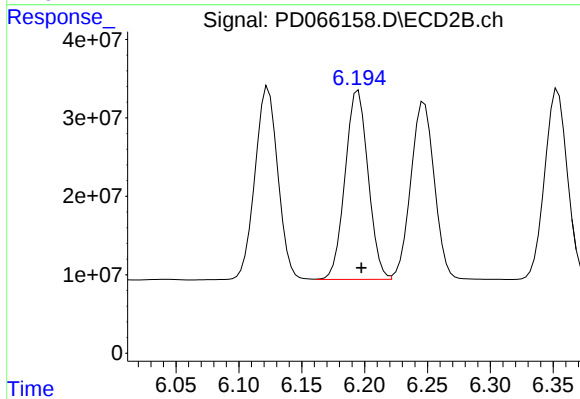
#25 Chlordane-3

R.T.: 6.123 min
Delta R.T.: -0.002 min
Response: 311084957
Conc: 379.35 ng/ml



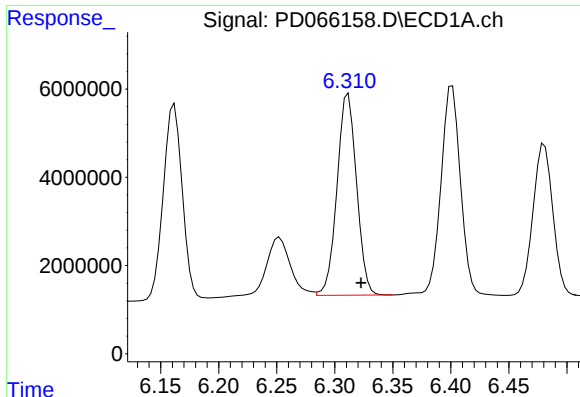
#26 Chlordane-4

R.T.: 5.485 min
Delta R.T.: -0.002 min
Response: 61387123
Conc: 621.55 ng/ml



#26 Chlordane-4

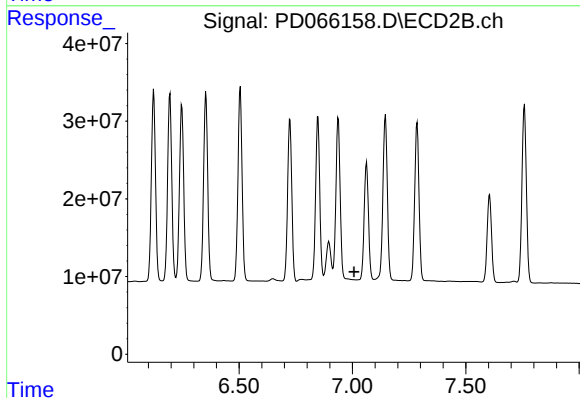
R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 307229262
Conc: 320.31 ng/ml



#27 Chlordane-5

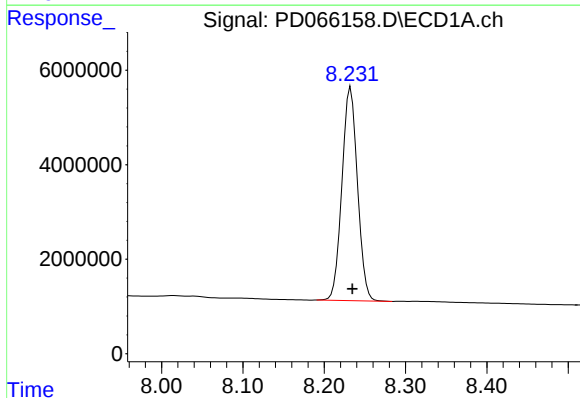
R.T.: 6.312 min
Delta R.T.: -0.011 min
Response: 53576653
Conc: 1102.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



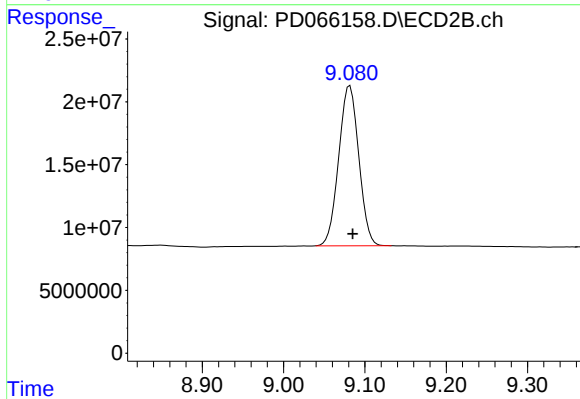
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.008 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.233 min
Delta R.T.: -0.002 min
Response: 59781327
Conc: 43.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: -0.003 min
Response: 218298363
Conc: 56.41 ng/ml