

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020524\
 Data File : PD081078.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Feb 2024 17:03
 Operator : AR\AJ
 Sample : PB158813BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB158813BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 05 21:13:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 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...	3.567	2.795	31461226	50565433	22.163	21.138
2)	SA Decachlor...	9.115	7.935	38945208	52057650	19.352	19.544
Target Compounds							
2)	A alpha-BHC	4.024	3.297	118.3E6	186.0E6	47.647	48.468
3)	MA gamma-BHC...	4.357	3.626	110.9E6	170.6E6	45.313	45.618
4)	MA Heptachlor	4.950	3.967	117.7E6	167.8E6	47.723	48.670
5)	MB Aldrin	5.294	4.248	112.9E6	175.0E6	45.999	48.046
6)	B beta-BHC	4.552	3.922	46640346	71448780	46.094	45.725
7)	B delta-BHC	4.801	4.153	112.3E6	173.2E6	44.774	46.138
8)	B Heptachlo...	5.720	4.749	104.7E6	154.5E6	46.755	46.120
9)	A Endosulfan I	6.107	5.120	98336648	141.7E6	47.413	46.254
10)	B gamma-Chl...	5.977	4.999	105.1E6	157.7E6	48.019	48.199
11)	B alpha-Chl...	6.056	5.064	102.1E6	152.7E6	46.886	46.714
12)	B 4,4'-DDE	6.227	5.252	95760036	148.1E6	47.059	48.351
13)	MA Dieldrin	6.383	5.384	103.9E6	159.0E6	47.029	46.764
14)	MA Endrin	6.613	5.659	88903710	148.4E6	47.599	50.093
15)	B Endosulfa...	6.832	5.952	88123988	134.8E6	45.509	46.889
16)	A 4,4'-DDD	6.744	5.806	79278969	124.2E6	48.249	47.307
17)	MA 4,4'-DDT	7.060	6.057	86697211	123.8E6	48.682	46.660
18)	B Endrin al...	6.962	6.131	69868941	101.2E6	45.932	44.897
19)	B Endosulfa...	7.197	6.354	89146939	131.0E6	46.950	46.976
20)	A Methoxychlor	7.535	6.632	46022043	69263774	44.713	44.251
21)	B Endrin ke...	7.683	6.860	100.7E6	150.2E6	48.132	46.559
22)	Mirex	8.159	7.044	72881081	110.2E6	44.187	43.742
23)	Chlordane-1	4.741	3.787	201144	1223683	2.605	12.033 #
24)	Chlordane-2	0.000	4.379	0	2221798	N.D.	18.127 #
25)	Chlordane-3	5.977	4.999	105.1E6	157.7E6	332.869	469.762 #
26)	Chlordane-4	6.056	5.064	102.1E6	152.7E6	268.132	480.749 #
27)	Chlordane-5	6.894	5.952	536288	134.8E6	7.682	1112.228 #

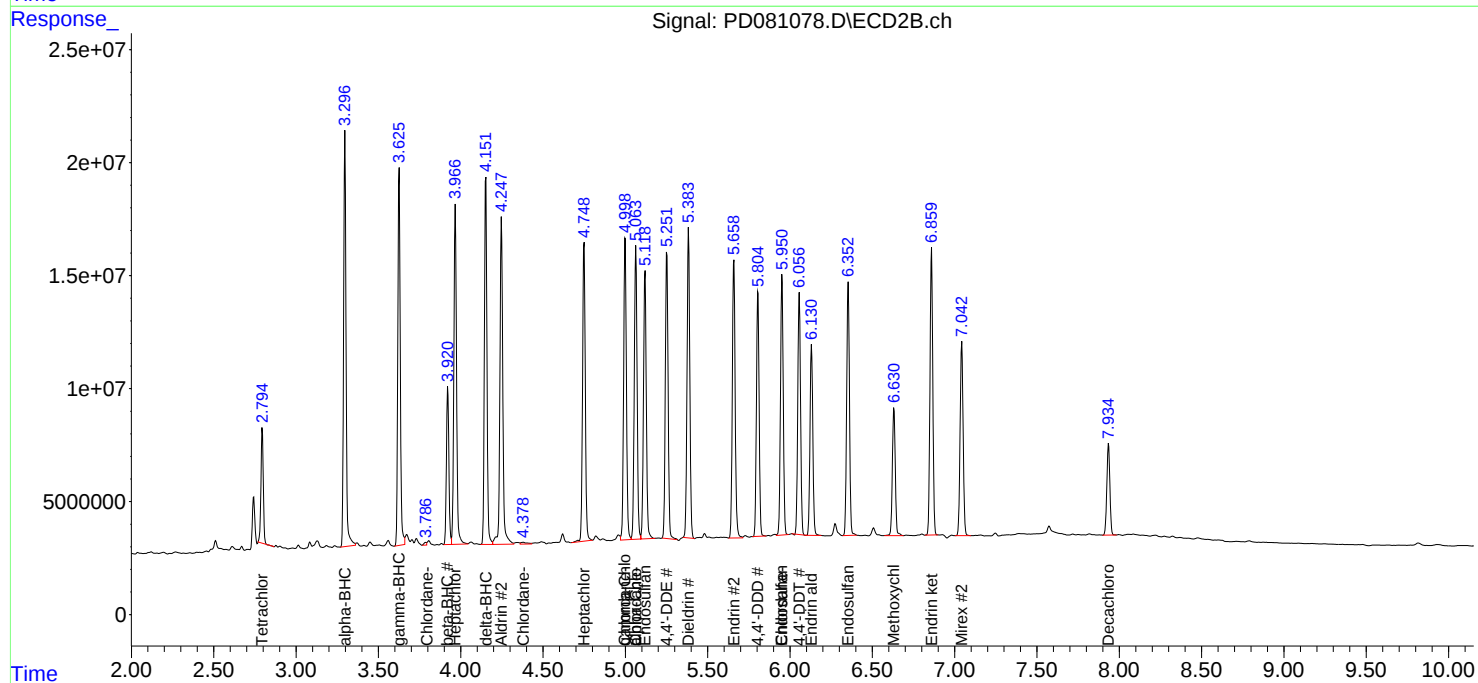
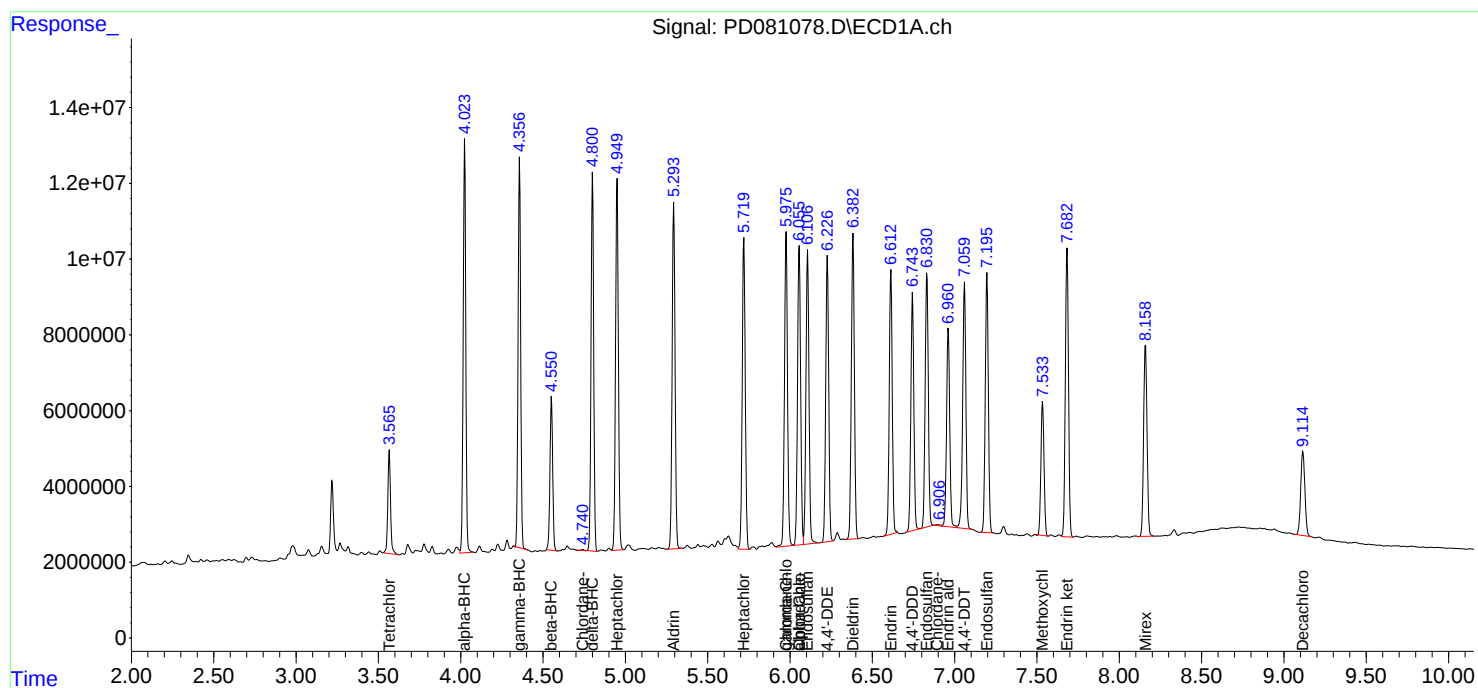
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

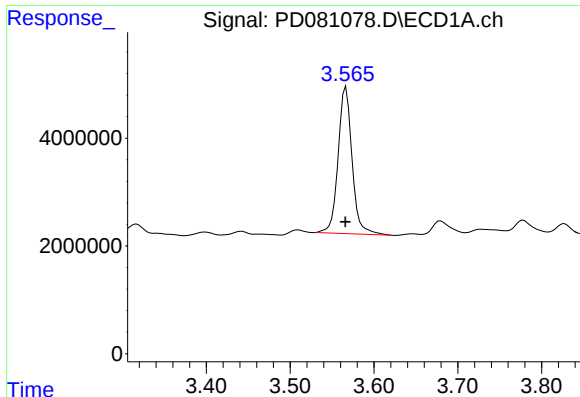
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020524\
Data File : PD081078.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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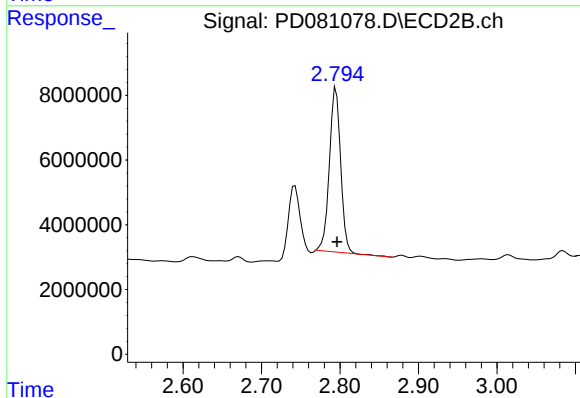




#1 Tetrachloro-m-xylene

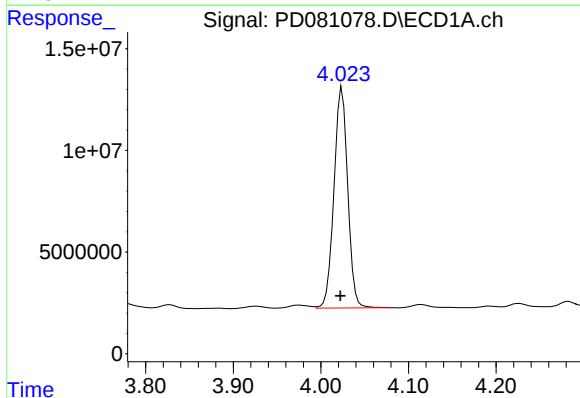
R.T.: 3.567 min
Delta R.T.: 0.000 min
Response: 31461226
Conc: 22.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158813BS



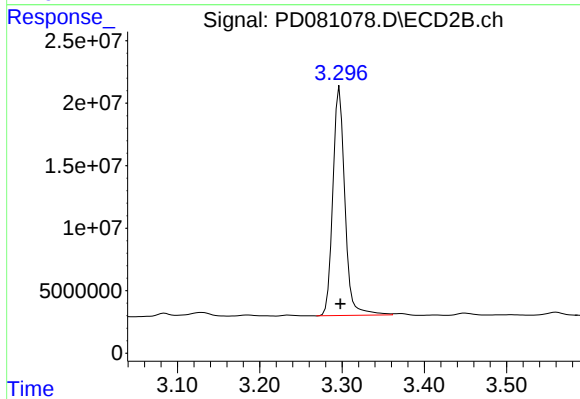
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: -0.001 min
Response: 50565433
Conc: 21.14 ng/ml



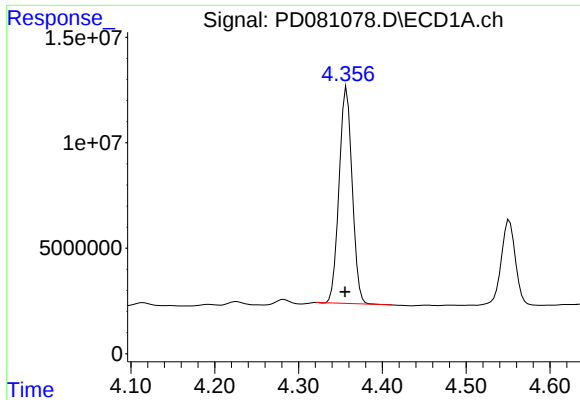
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: 0.002 min
Response: 118346550
Conc: 47.65 ng/ml



#2 alpha-BHC

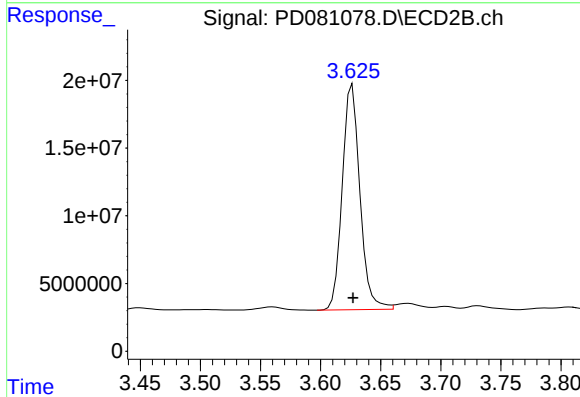
R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 185974543
Conc: 48.47 ng/ml



#3 gamma-BHC (Lindane)

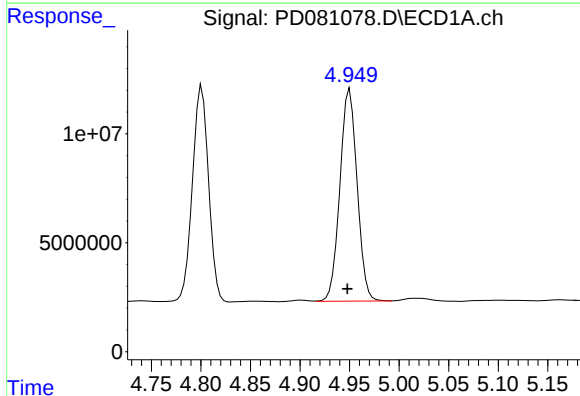
R.T.: 4.357 min
Delta R.T.: 0.002 min
Response: 110908968
Conc: 45.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158813BS



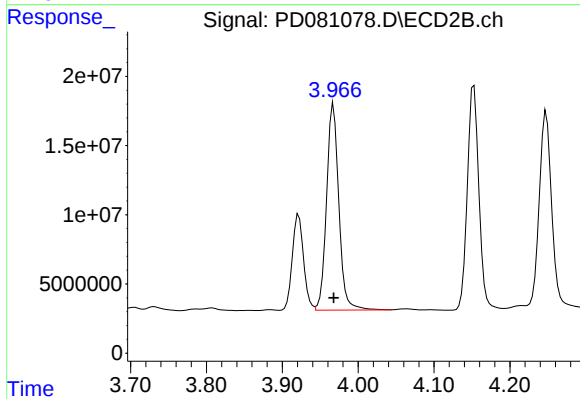
#3 gamma-BHC (Lindane)

R.T.: 3.626 min
Delta R.T.: 0.000 min
Response: 170563754
Conc: 45.62 ng/ml



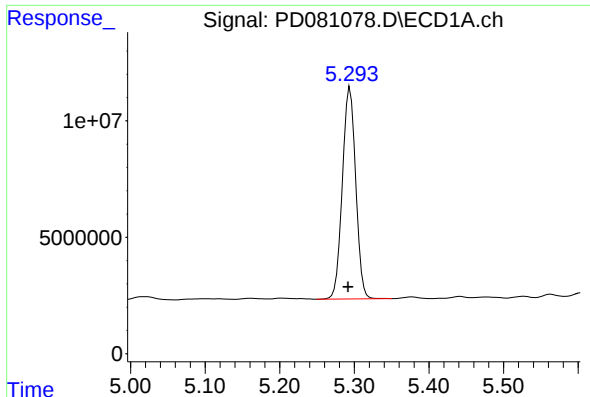
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.002 min
Response: 117702083
Conc: 47.72 ng/ml



#4 Heptachlor

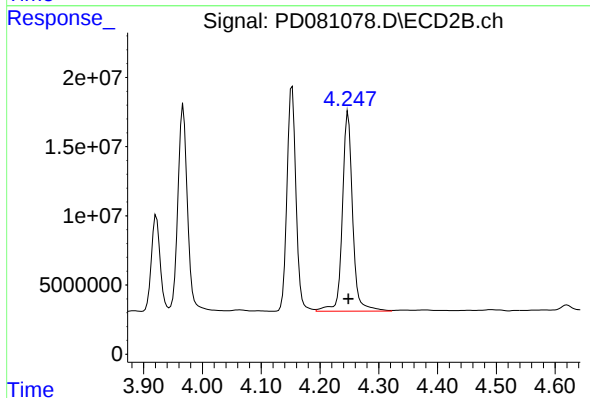
R.T.: 3.967 min
Delta R.T.: 0.000 min
Response: 167817235
Conc: 48.67 ng/ml



#5 Aldrin

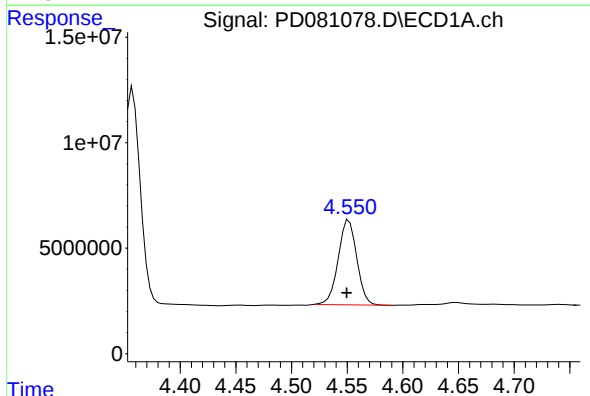
R.T.: 5.294 min
Delta R.T.: 0.003 min
Response: 112910272
Conc: 46.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158813BS



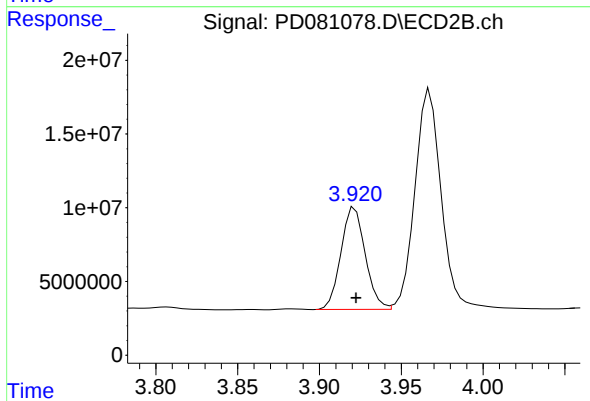
#5 Aldrin

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 174984082
Conc: 48.05 ng/ml



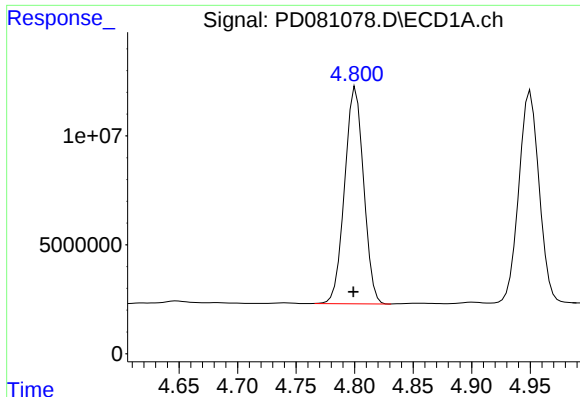
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.002 min
Response: 46640346
Conc: 46.09 ng/ml



#6 beta-BHC

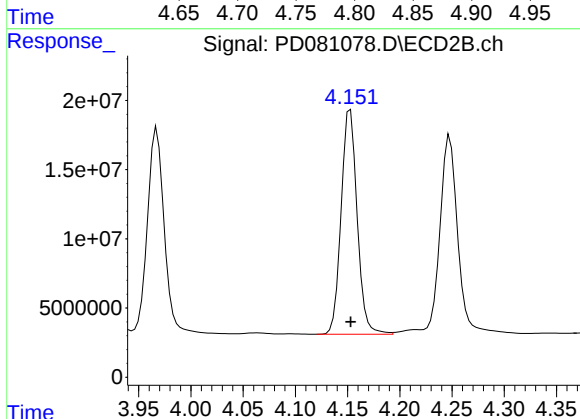
R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 71448780
Conc: 45.72 ng/ml



#7 delta-BHC

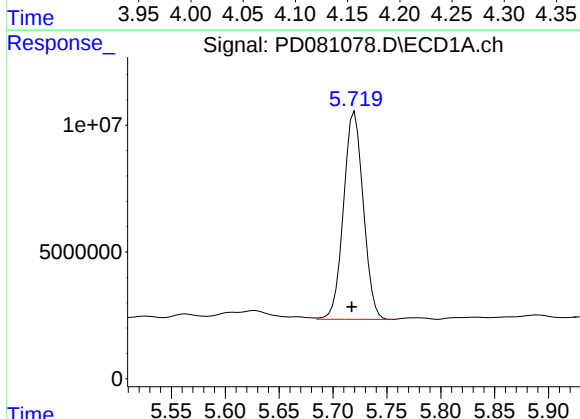
R.T.: 4.801 min
Delta R.T.: 0.002 min
Response: 112327574
Conc: 44.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158813BS



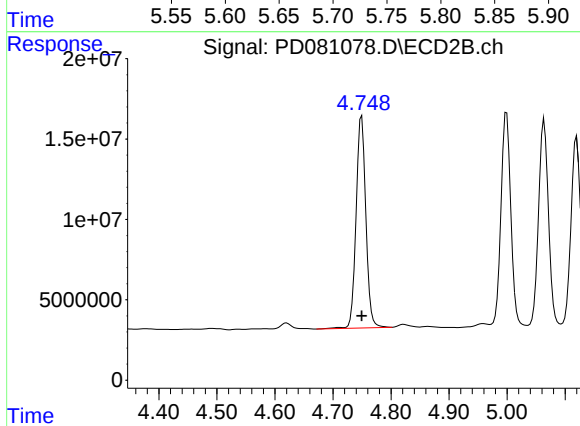
#7 delta-BHC

R.T.: 4.153 min
Delta R.T.: 0.000 min
Response: 173157603
Conc: 46.14 ng/ml



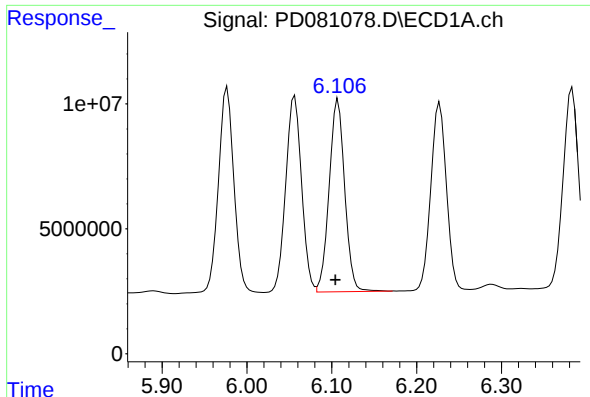
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: 0.003 min
Response: 104694058
Conc: 46.75 ng/ml



#8 Heptachlor epoxide

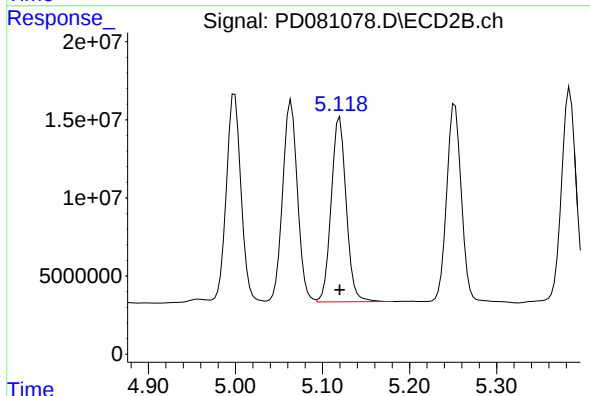
R.T.: 4.749 min
Delta R.T.: 0.000 min
Response: 154477366
Conc: 46.12 ng/ml



#9 Endosulfan I

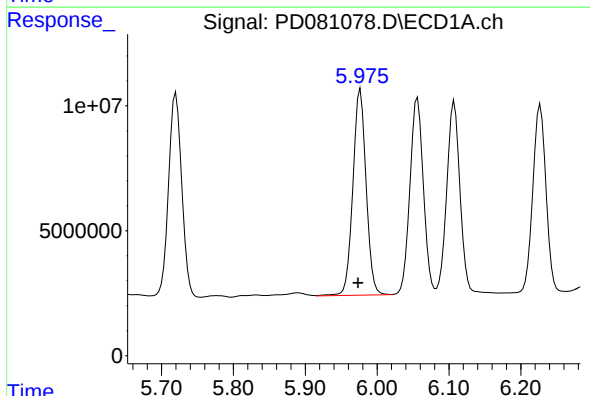
R.T.: 6.107 min
Delta R.T.: 0.003 min
Response: 98336648
Conc: 47.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158813BS



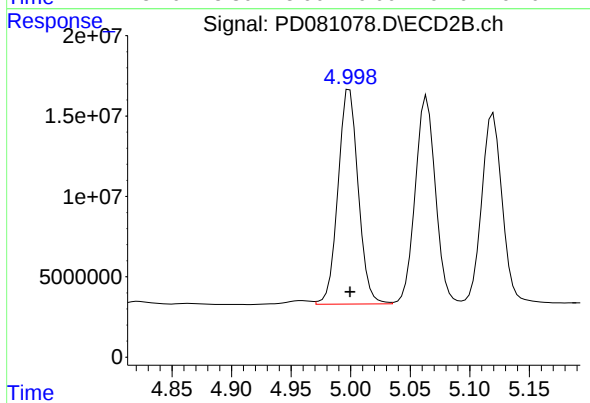
#9 Endosulfan I

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 141664226
Conc: 46.25 ng/ml



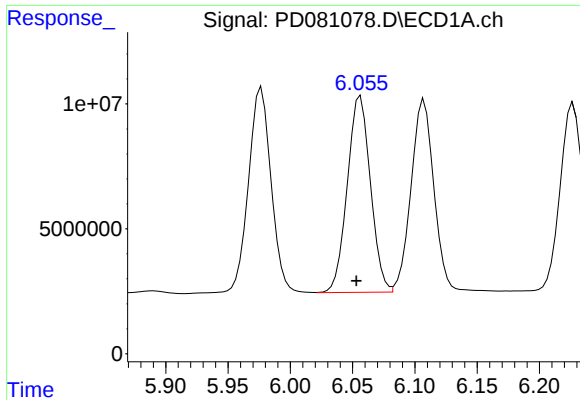
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.003 min
Response: 105118132
Conc: 48.02 ng/ml



#10 gamma-Chlordane

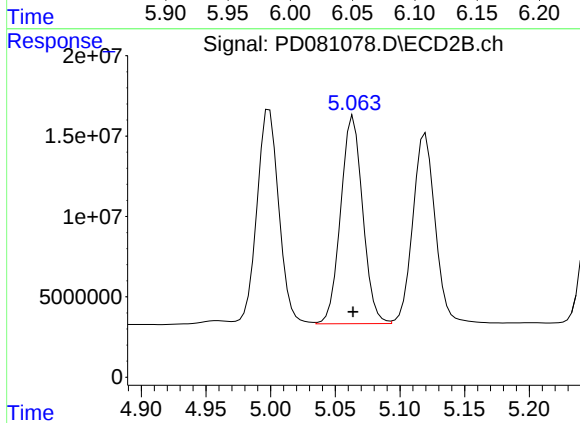
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 157659576
Conc: 48.20 ng/ml



#11 alpha-Chlordane

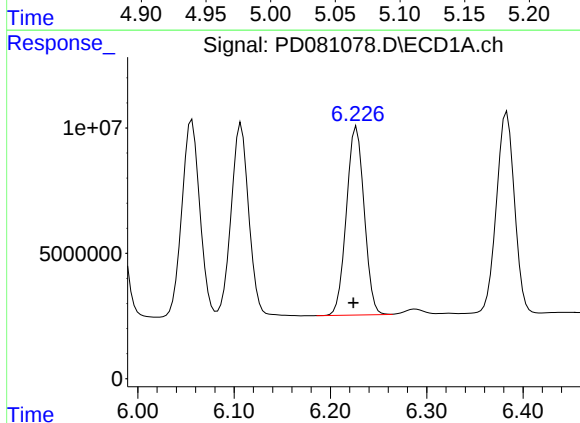
R.T.: 6.056 min
Delta R.T.: 0.003 min
Response: 102089840
Conc: 46.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158813BS



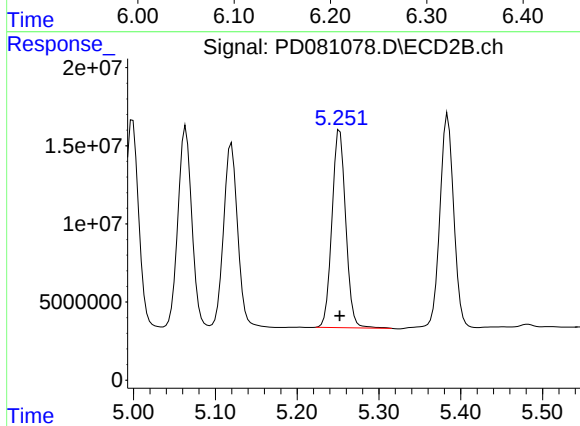
#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 152731724
Conc: 46.71 ng/ml



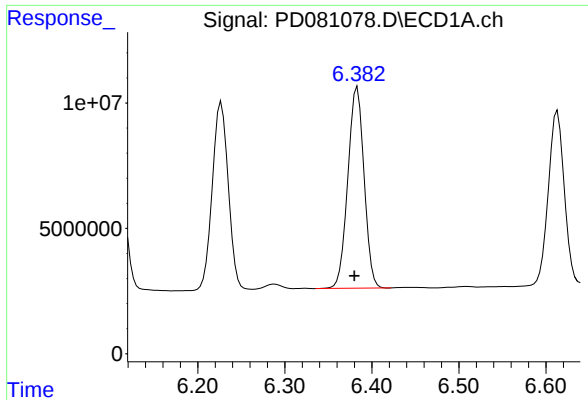
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: 0.003 min
Response: 95760036
Conc: 47.06 ng/ml



#12 4,4'-DDE

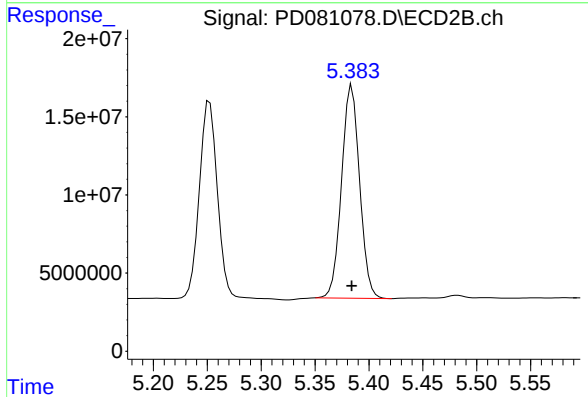
R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 148110209
Conc: 48.35 ng/ml



#13 Dieldrin

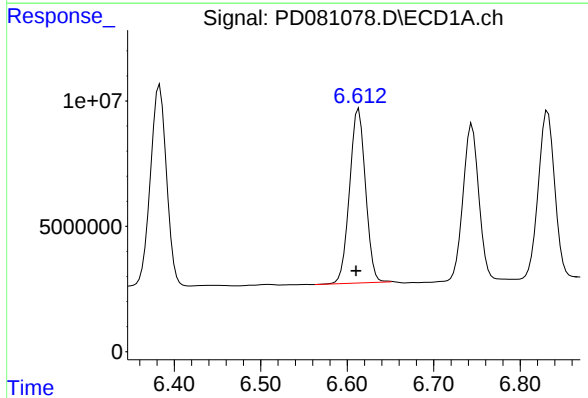
R.T.: 6.383 min
Delta R.T.: 0.003 min
Response: 103920693
Conc: 47.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158813BS



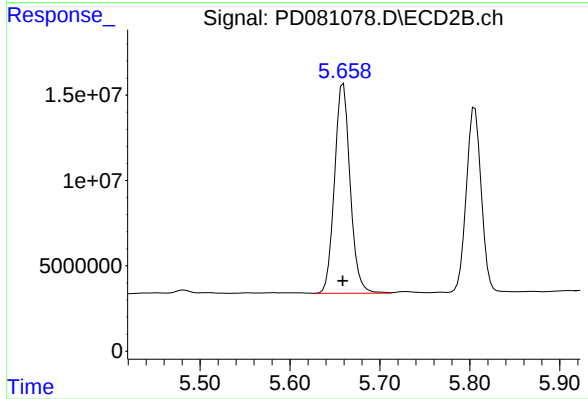
#13 Dieldrin

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 159035192
Conc: 46.76 ng/ml



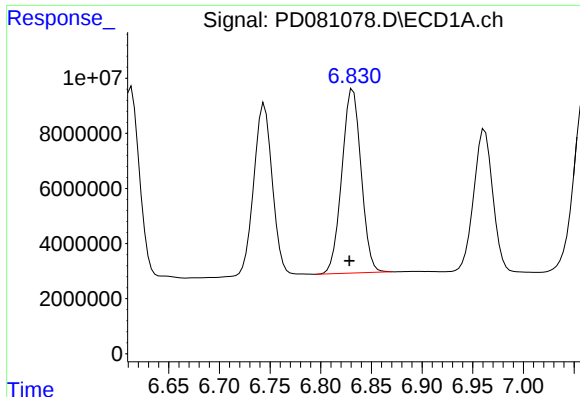
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.003 min
Response: 88903710
Conc: 47.60 ng/ml



#14 Endrin

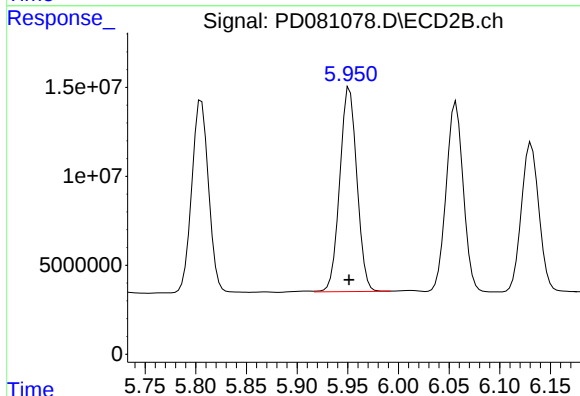
R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 148444797
Conc: 50.09 ng/ml



#15 Endosulfan II

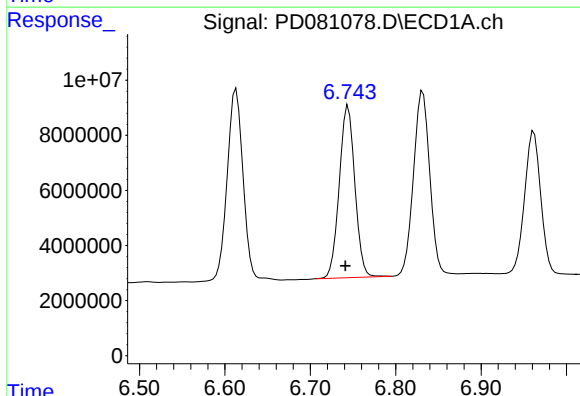
R.T.: 6.832 min
Delta R.T.: 0.004 min
Response: 88123988
Conc: 45.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158813BS



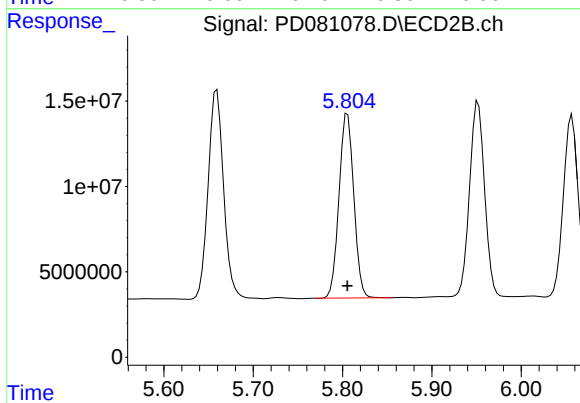
#15 Endosulfan II

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 134848207
Conc: 46.89 ng/ml



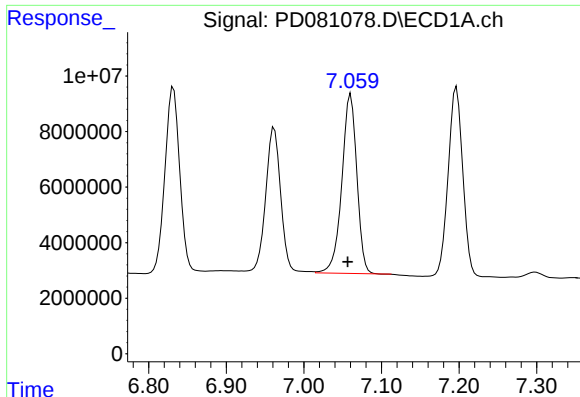
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.003 min
Response: 79278969
Conc: 48.25 ng/ml



#16 4,4'-DDD

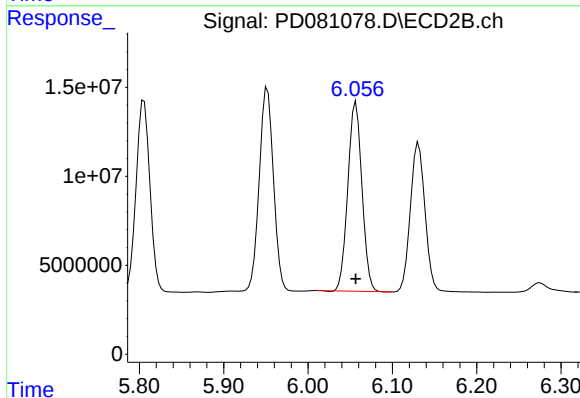
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 124192506
Conc: 47.31 ng/ml



#17 4,4'-DDT

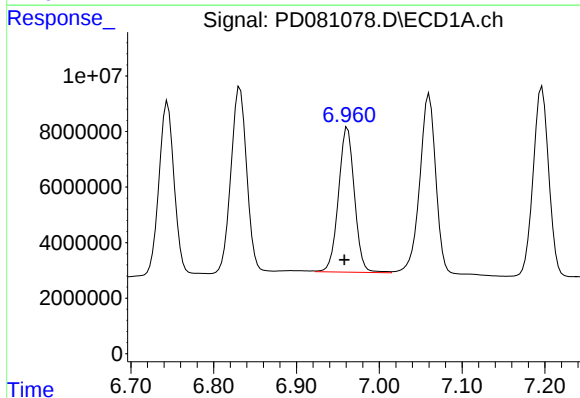
R.T.: 7.060 min
Delta R.T.: 0.004 min
Response: 86697211
Conc: 48.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158813BS



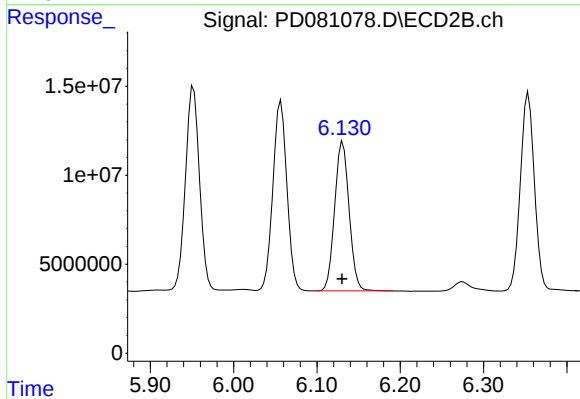
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 123791618
Conc: 46.66 ng/ml



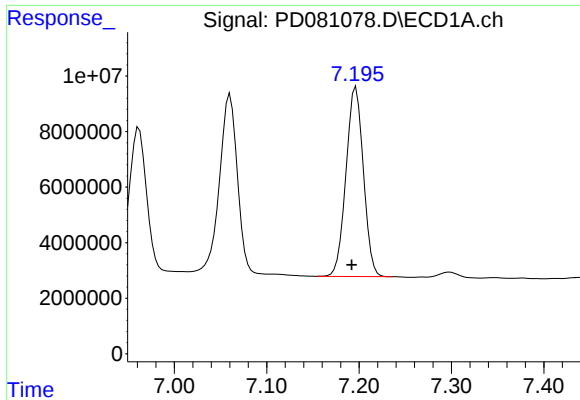
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.004 min
Response: 69868941
Conc: 45.93 ng/ml



#18 Endrin aldehyde

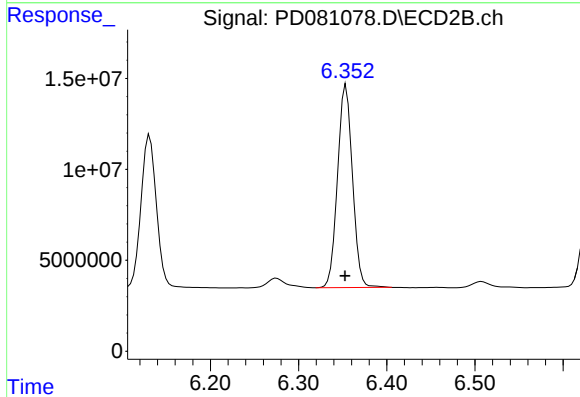
R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 101227115
Conc: 44.90 ng/ml



#19 Endosulfan Sulfate

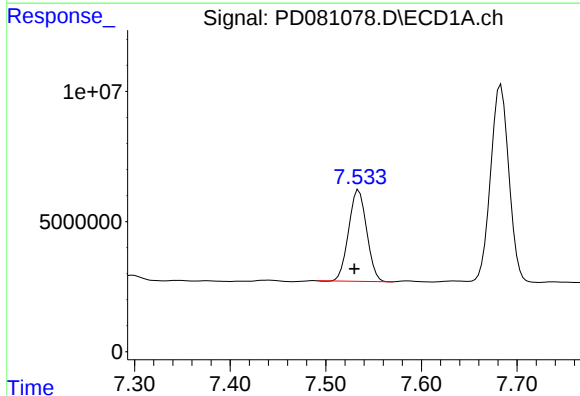
R.T.: 7.197 min
Delta R.T.: 0.005 min
Response: 89146939
Conc: 46.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158813BS



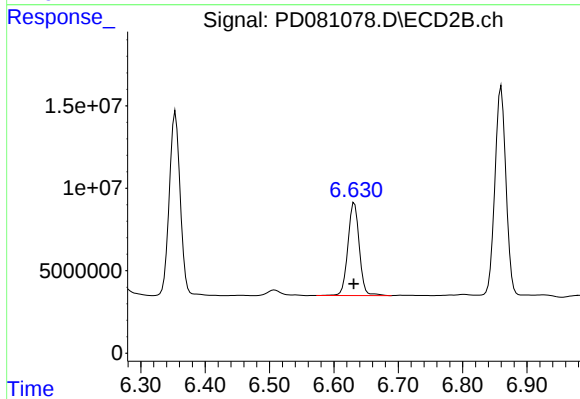
#19 Endosulfan Sulfate

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 131035034
Conc: 46.98 ng/ml



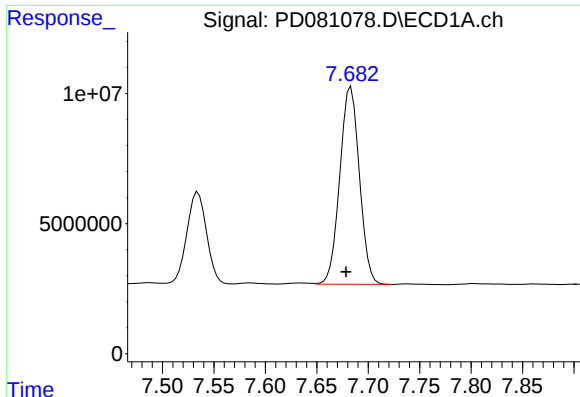
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.005 min
Response: 46022043
Conc: 44.71 ng/ml



#20 Methoxychlor

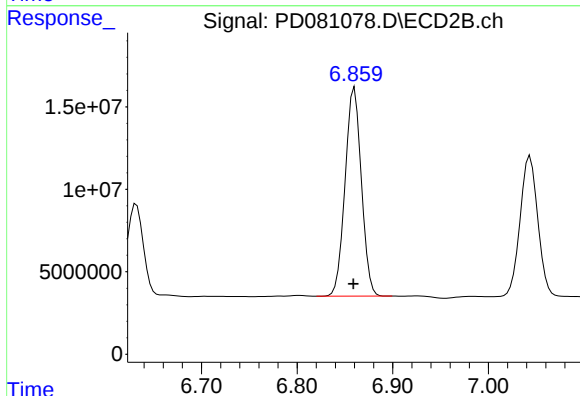
R.T.: 6.632 min
Delta R.T.: 0.001 min
Response: 69263774
Conc: 44.25 ng/ml



#21 Endrin ketone

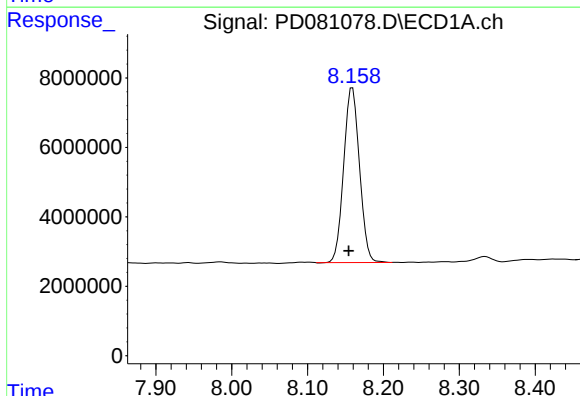
R.T.: 7.683 min
Delta R.T.: 0.005 min
Response: 100655838
Conc: 48.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158813BS



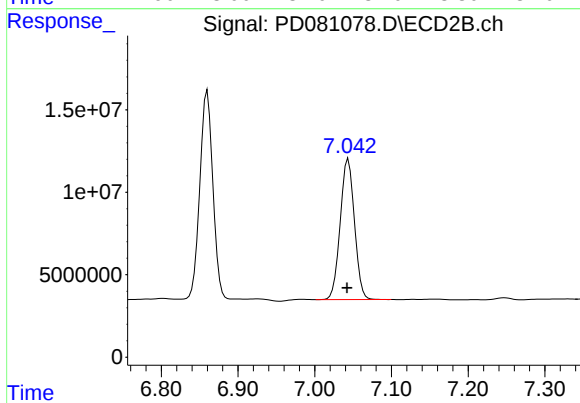
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.001 min
Response: 150246537
Conc: 46.56 ng/ml



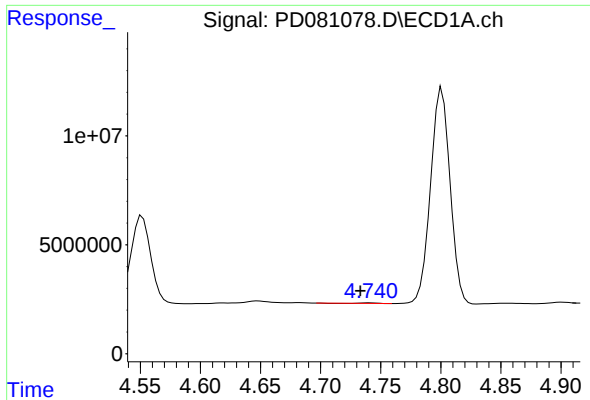
#22 Mirex

R.T.: 8.159 min
Delta R.T.: 0.005 min
Response: 72881081
Conc: 44.19 ng/ml



#22 Mirex

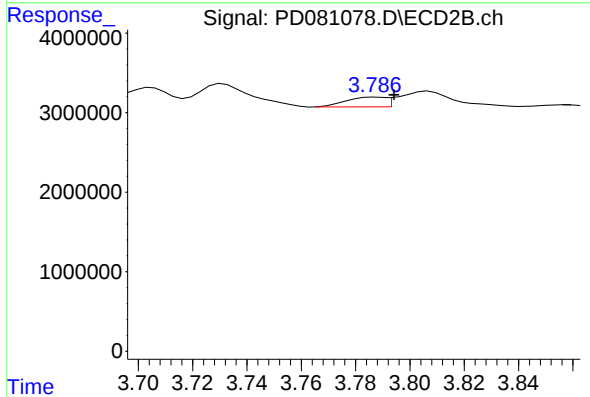
R.T.: 7.044 min
Delta R.T.: 0.001 min
Response: 110229554
Conc: 43.74 ng/ml



#23 Chlordane-1

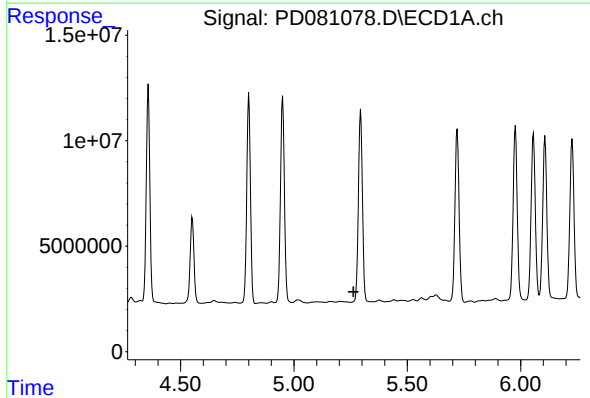
R.T.: 4.741 min
Delta R.T.: 0.008 min
Response: 201144
Conc: 2.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158813BS



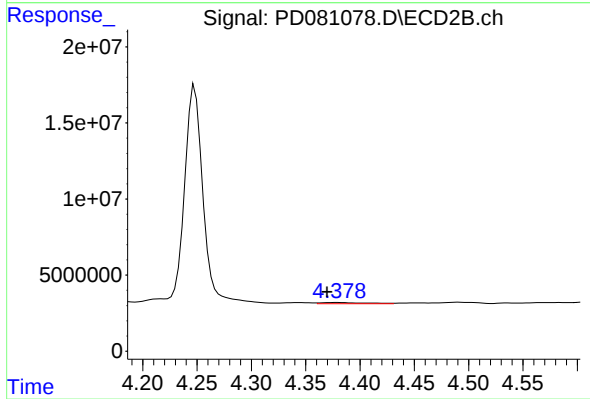
#23 Chlordane-1

R.T.: 3.787 min
Delta R.T.: -0.007 min
Response: 1223683
Conc: 12.03 ng/ml



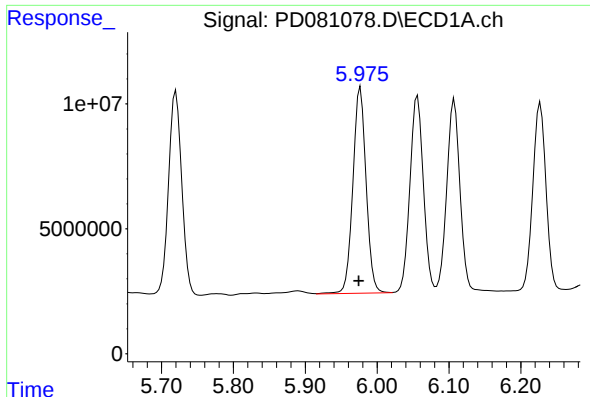
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.263 min
Response: 0
Conc: N.D.



#24 Chlordane-2

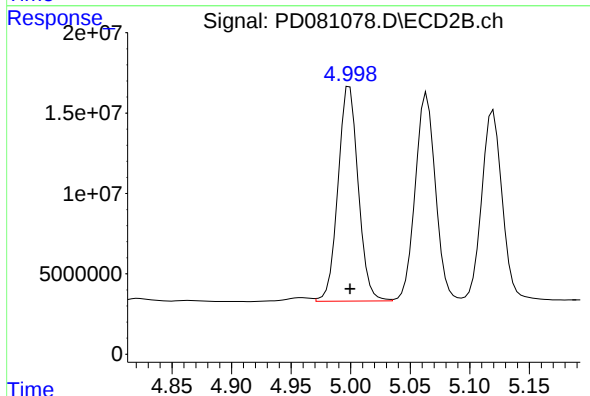
R.T.: 4.379 min
Delta R.T.: 0.009 min
Response: 2221798
Conc: 18.13 ng/ml



#25 Chlordane-3

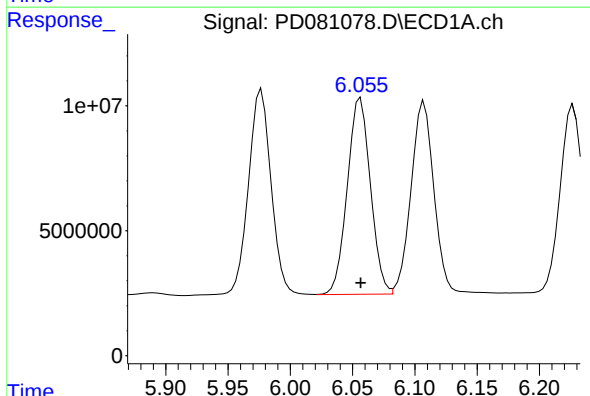
R.T.: 5.977 min
Delta R.T.: 0.002 min
Response: 105118132
Conc: 332.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158813BS



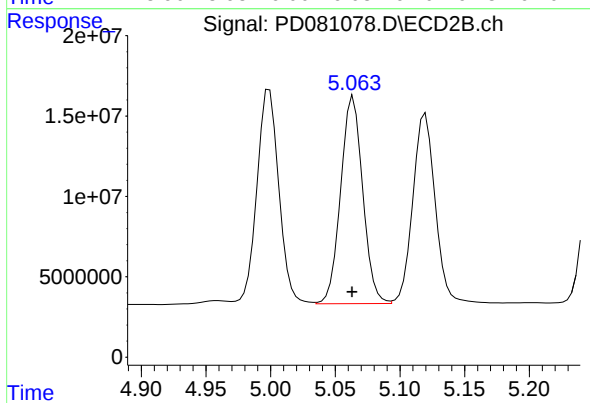
#25 Chlordane-3

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 157659576
Conc: 469.76 ng/ml



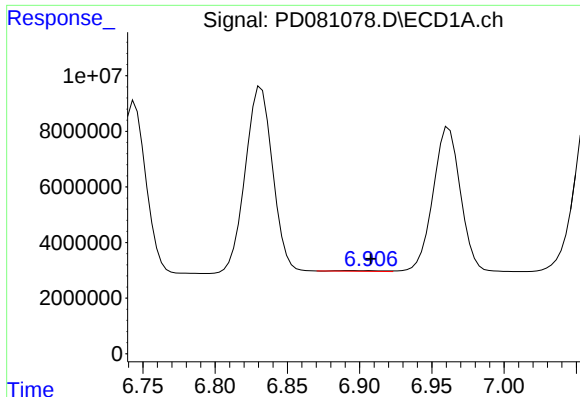
#26 Chlordane-4

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 102089840
Conc: 268.13 ng/ml



#26 Chlordane-4

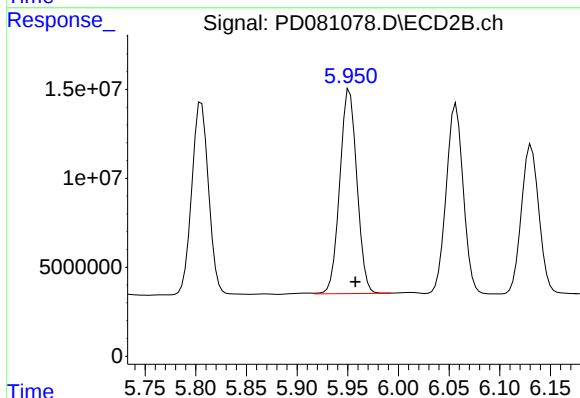
R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 152731724
Conc: 480.75 ng/ml



#27 Chlordane-5

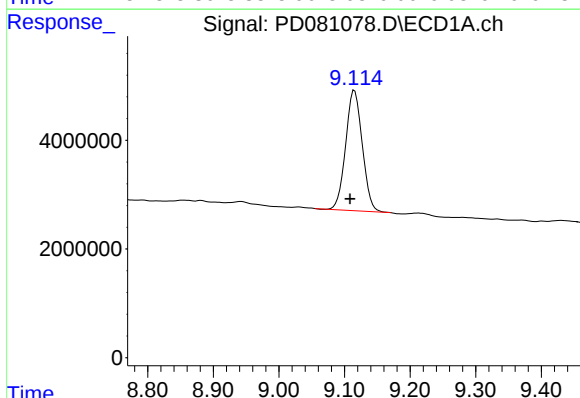
R.T.: 6.894 min
Delta R.T.: -0.014 min
Response: 536288
Conc: 7.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158813BS



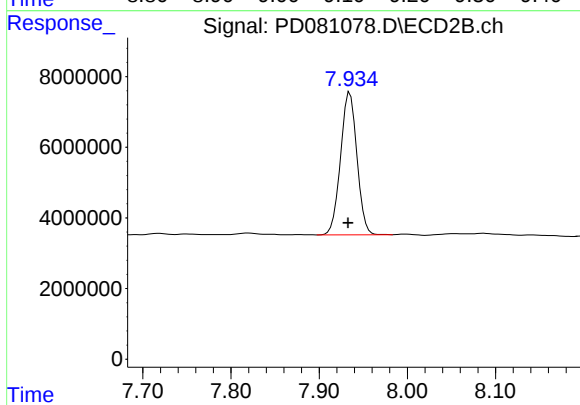
#27 Chlordane-5

R.T.: 5.952 min
Delta R.T.: -0.006 min
Response: 134848207
Conc: 1112.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.006 min
Response: 38945208
Conc: 19.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.935 min
Delta R.T.: 0.002 min
Response: 52057650
Conc: 19.54 ng/ml