

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060721\
 Data File : PD063523.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2021 09:34
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 04:10:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060221.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 03 01:33:41 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...	3.439	3.970	26485144	281.8E6	19.140	21.032
28)	SA Decachlor...	8.195	9.025	26388697	235.4E6	16.779	17.038
Target Compounds							
2)	A alpha-BHC	3.875	4.358	19010962	219.3E6	9.092	10.608
3)	MA gamma-BHC...	4.158	4.642	19271465	201.9E6	9.813	10.645
5)	MB Aldrin	0.000	5.449	0	3090018	N.D.	0.159 #
6)	B beta-BHC	4.409	4.814	32785563	85790418	37.686	10.896 #
8)	B Heptachlo...	0.000	5.847	0	70043574	N.D.	3.832 #
9)	A Endosulfan I	0.000	6.199	0	2466116	N.D.	0.145 #
10)	B gamma-Chl...	0.000	6.094f	0	7996043	N.D.	0.430 #
11)	B alpha-Chl...	0.000	6.165f	0	10558553	N.D.	0.594 #
12)	B 4,4'-DDE	0.000	6.302	0	3800844	N.D.	0.209 #
13)	MA Dieldrin	0.000	6.445	0	4072912	N.D.	0.225 #
14)	MA Endrin	5.989	6.670	80135384	792.8E6	50.386	51.579
15)	B Endosulfa...	0.000	6.887	0	12150471	N.D.	0.824 #
16)	A 4,4'-DDD	0.000	6.793	0	13524737	N.D.	0.909 #
17)	MA 4,4'-DDT	6.356	7.091	154.2E6	1365.0E6	106.710	90.686
18)	B Endrin al...	6.428	7.003	878968	365535	0.739	0.030 #
20)	A Methoxychlor	6.903	7.550	196.6E6	1521.1E6	246.495	205.375
21)	B Endrin ke...	7.136	7.698	559707	5243785	0.315	0.359
23)	Chlordane-1	0.000	4.992f	0	295.9E6	N.D.	511.507 #
24)	Chlordane-2	0.000	5.449f	0	3090018	N.D.	5.523 #
25)	Chlordane-3	0.000	6.094f	0	7996043	N.D.	3.236 #
26)	Chlordane-4	0.000	6.165f	0	10558553	N.D.	3.694 #
27)	Chlordane-5	0.000	6.952	0	1630240	N.D.	3.120 #

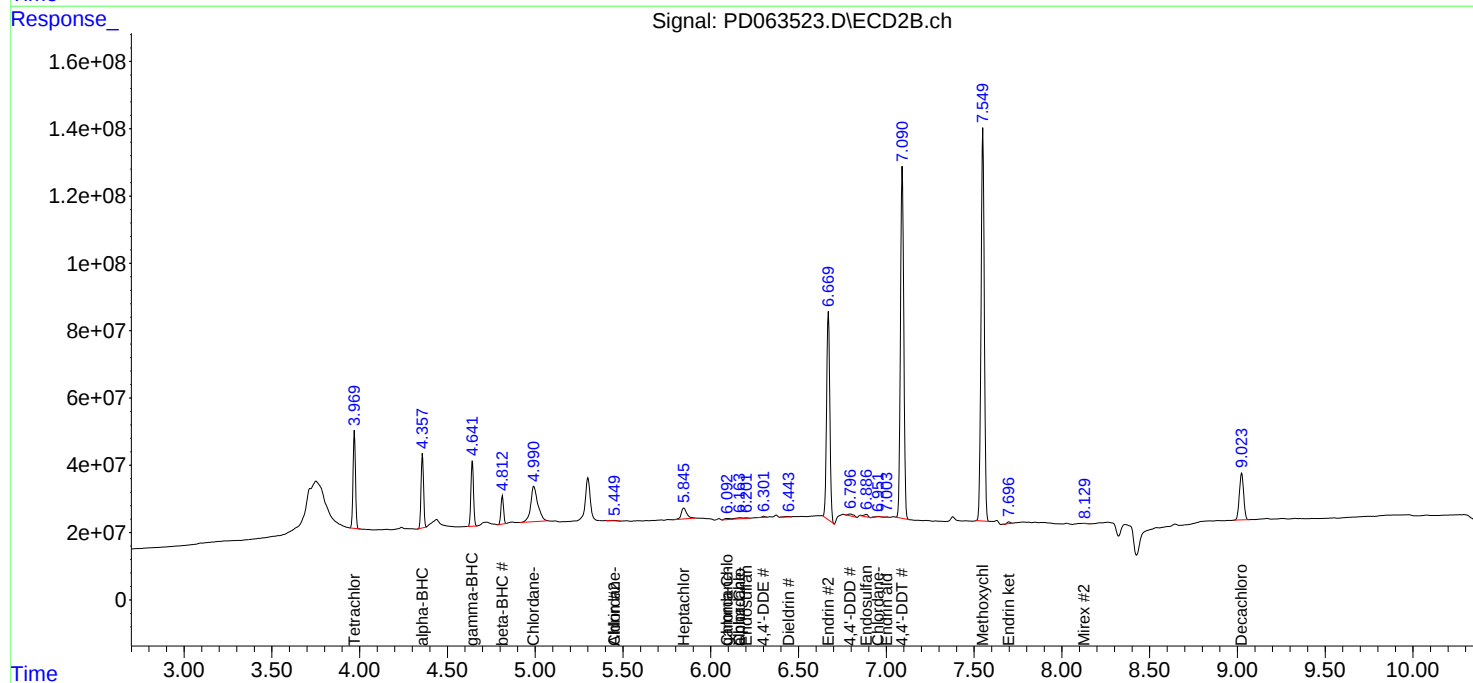
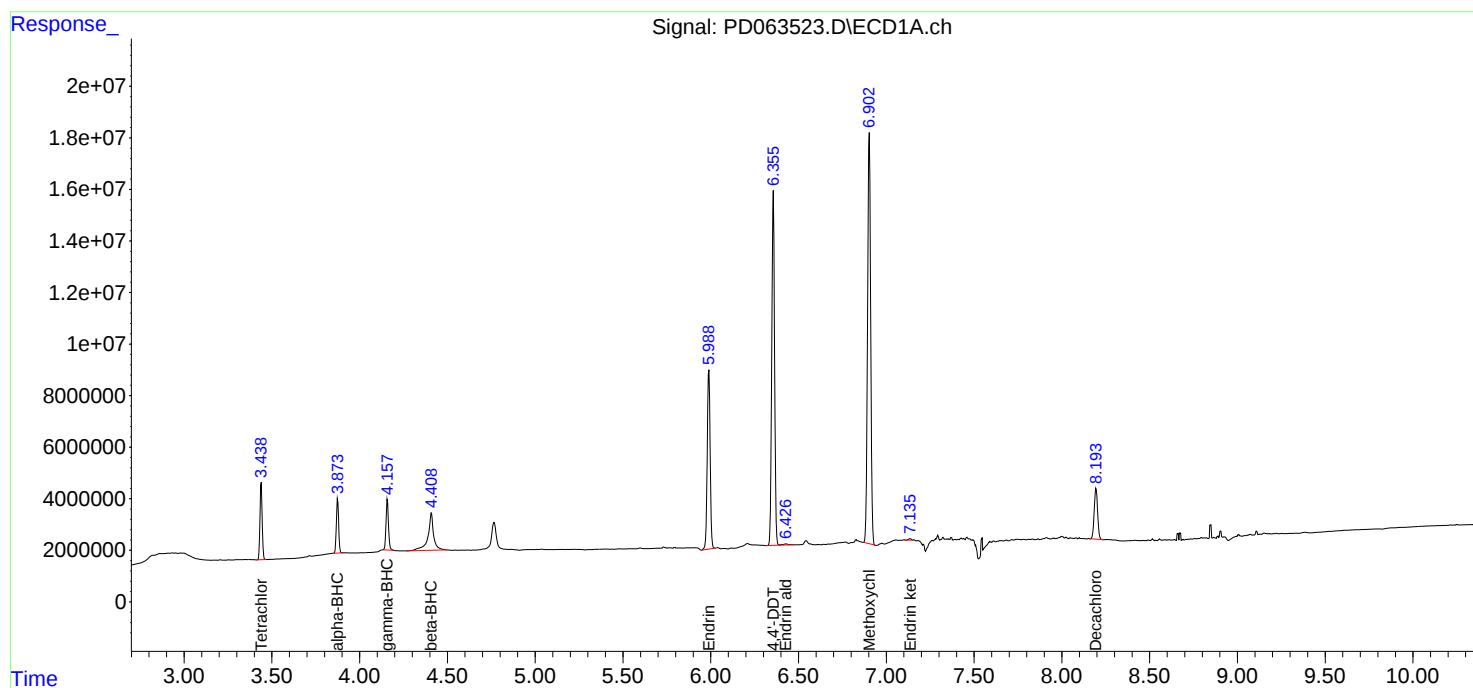
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

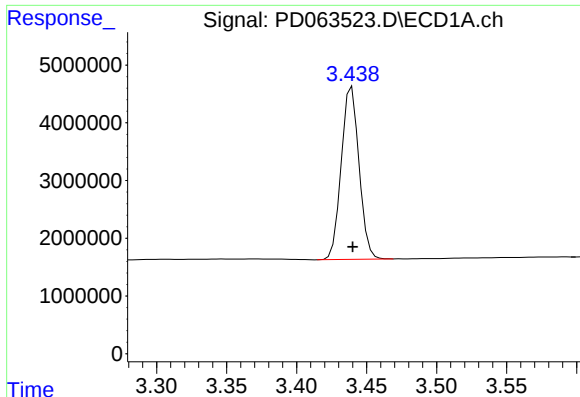
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060721\
Data File : PD063523.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jun 2021 09:34
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 08 04:10:04 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060221.M
Quant Title : GC Extractables
QLast Update : Thu Jun 03 01:33:41 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

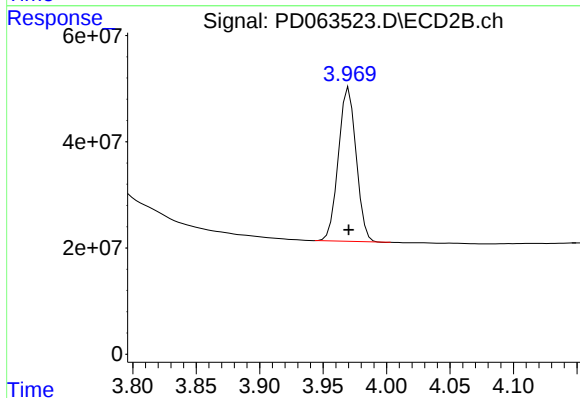




#1 Tetrachloro-m-xylene

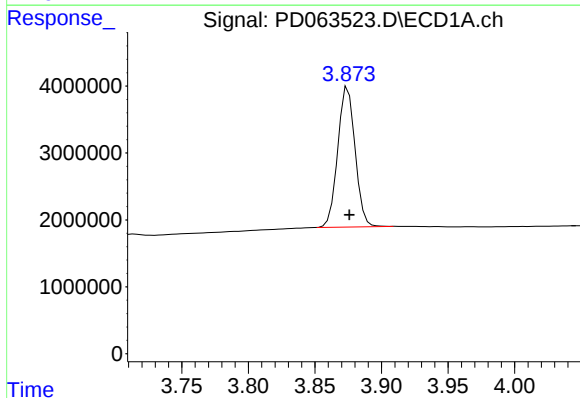
R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 26485144
Conc: 19.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



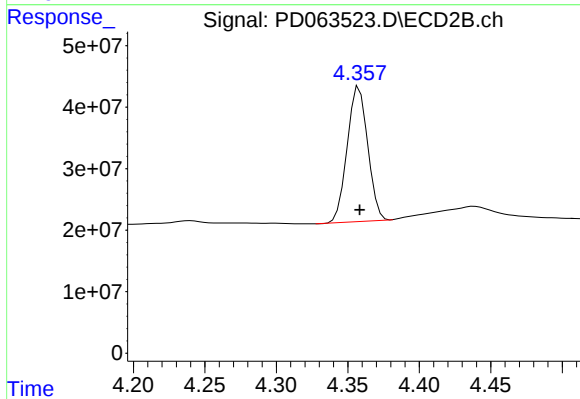
#1 Tetrachloro-m-xylene

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 281802433
Conc: 21.03 ng/ml



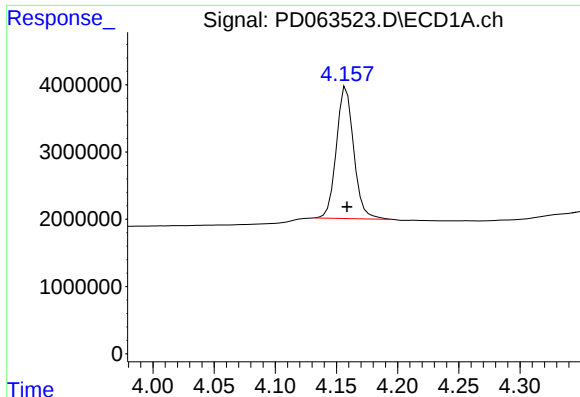
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: 0.000 min
Response: 19010962
Conc: 9.09 ng/ml



#2 alpha-BHC

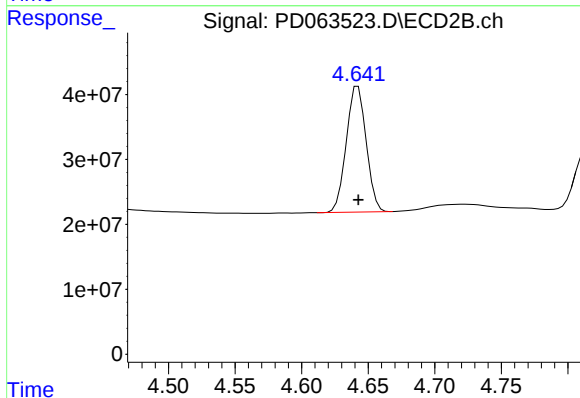
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 219272946
Conc: 10.61 ng/ml



#3 gamma-BHC (Lindane)

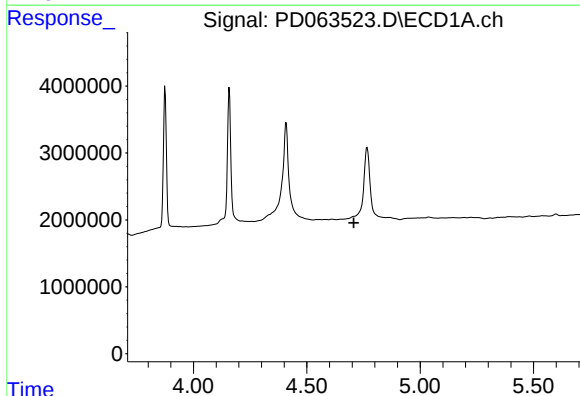
R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 19271465
Conc: 9.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



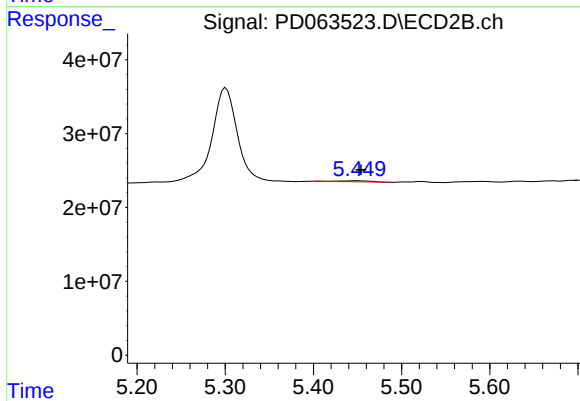
#3 gamma-BHC (Lindane)

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 201896201
Conc: 10.64 ng/ml



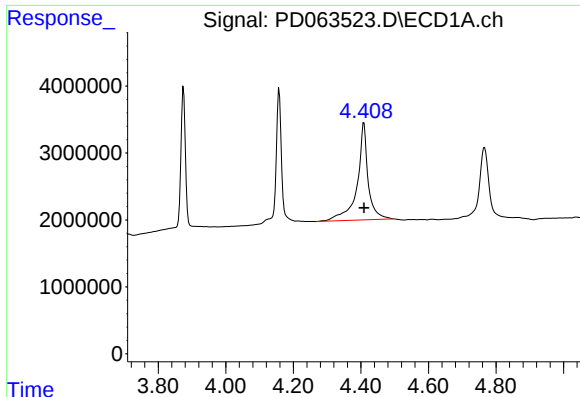
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 4.707 min
Response: 0
Conc: N.D.



#5 Aldrin

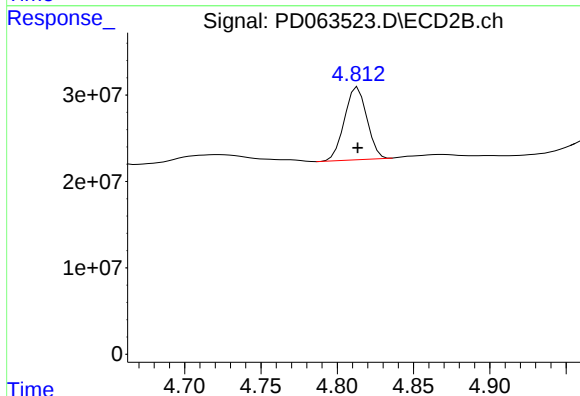
R.T.: 5.449 min
Delta R.T.: -0.005 min
Response: 3090018
Conc: 0.16 ng/ml



#6 beta-BHC

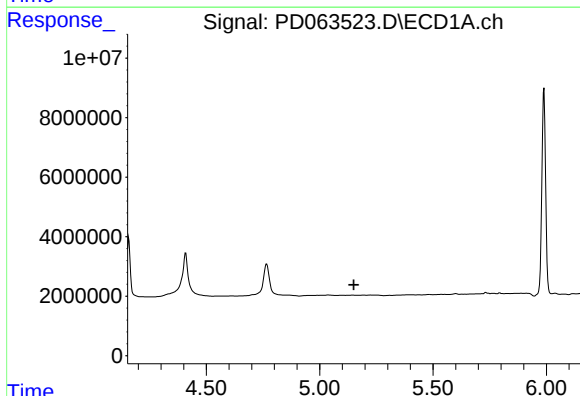
R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 32785563
Conc: 37.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



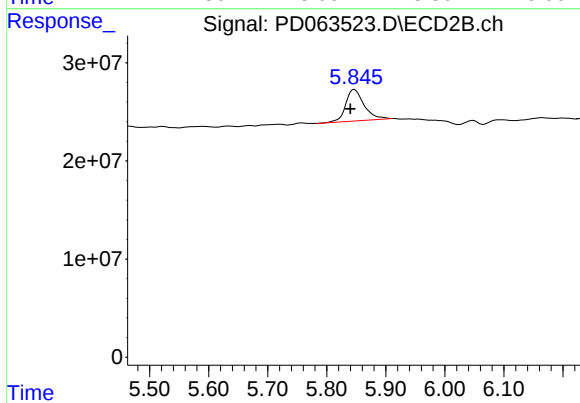
#6 beta-BHC

R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 85790418
Conc: 10.90 ng/ml



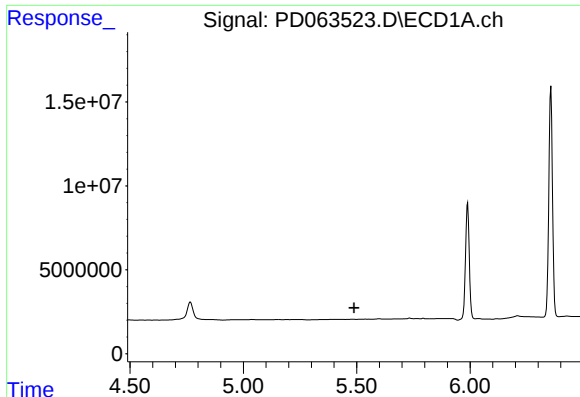
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.150 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

R.T.: 5.847 min
Delta R.T.: 0.007 min
Response: 70043574
Conc: 3.83 ng/ml



#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 5.489 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM

#9 Endosulfan I

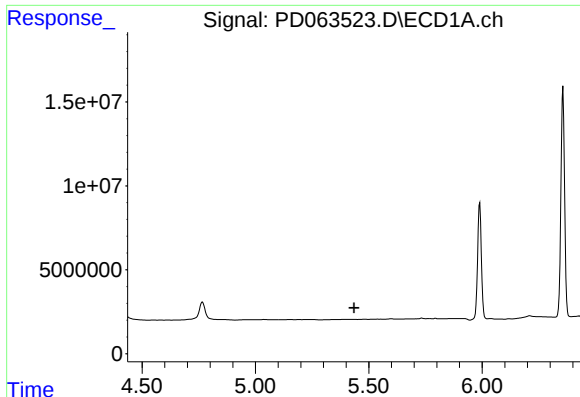
R.T.: 6.199 min
Delta R.T.: 0.003 min
Response: 2466116
Conc: 0.14 ng/ml

#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.377 min
Response: 0
Conc: N.D.

#10 gamma-Chlordane

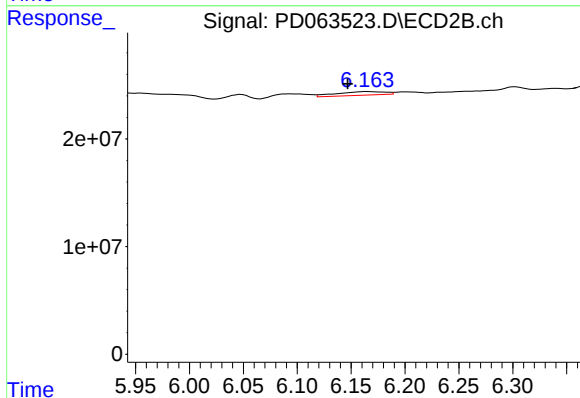
R.T.: 6.094 min
Delta R.T.: 0.020 min
Response: 7996043
Conc: 0.43 ng/ml



#11 alpha-Chlordane

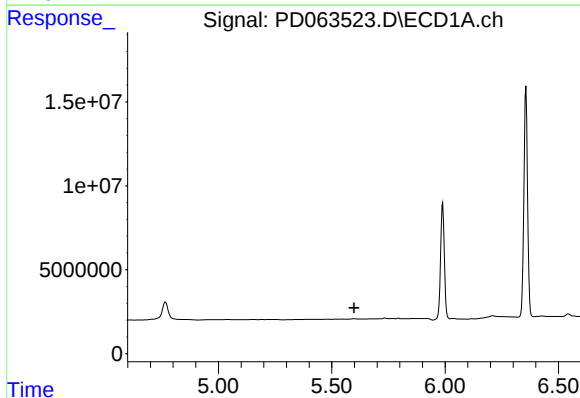
R.T.: 0.000 min
Exp R.T.: 5.436 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



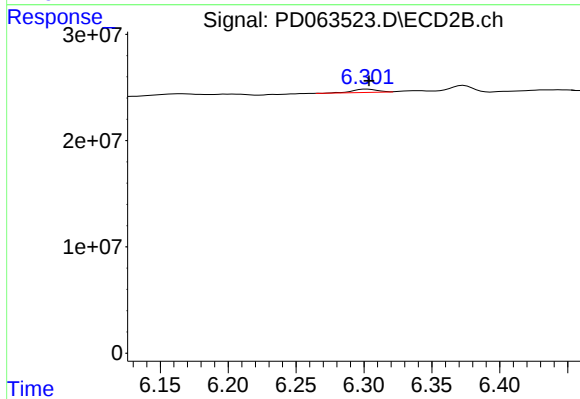
#11 alpha-Chlordane

R.T.: 6.165 min
Delta R.T.: 0.018 min
Response: 10558553
Conc: 0.59 ng/ml



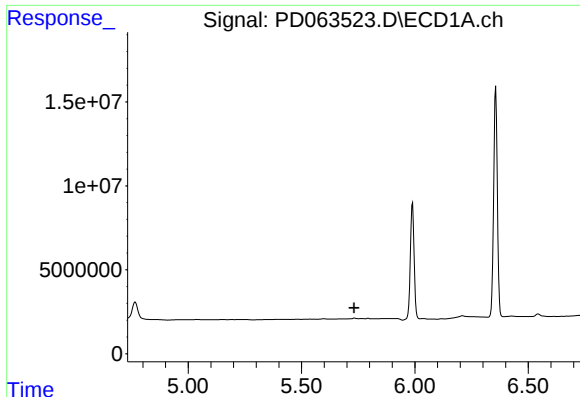
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 5.599 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

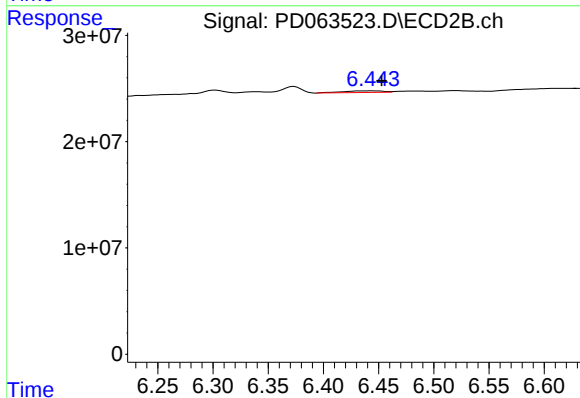
R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 3800844
Conc: 0.21 ng/ml



#13 Dieldrin

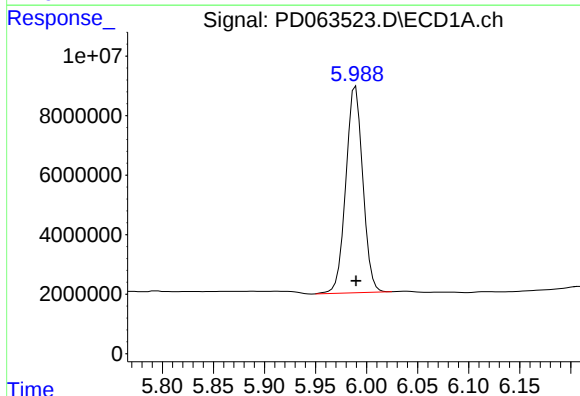
R.T.: 0.000 min
Exp R.T.: 5.732 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



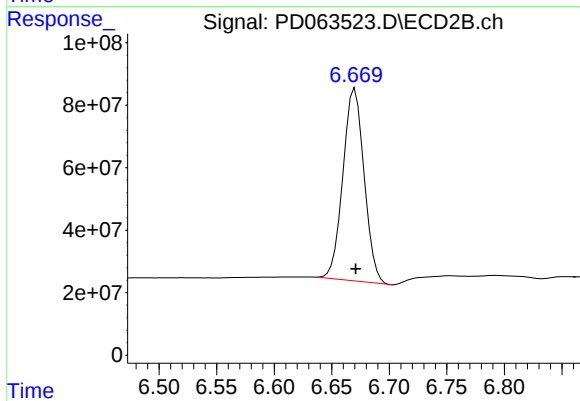
#13 Dieldrin

R.T.: 6.445 min
Delta R.T.: -0.008 min
Response: 4072912
Conc: 0.22 ng/ml



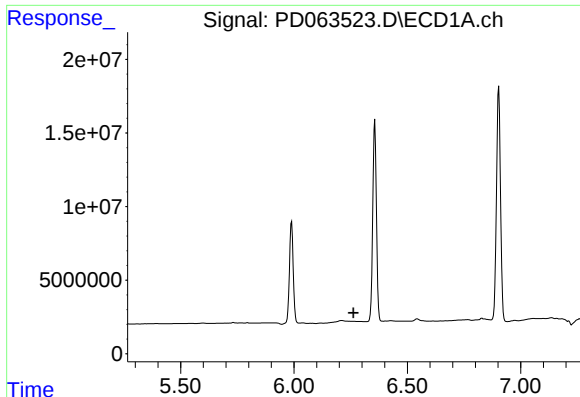
#14 Endrin

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 80135384
Conc: 50.39 ng/ml



#14 Endrin

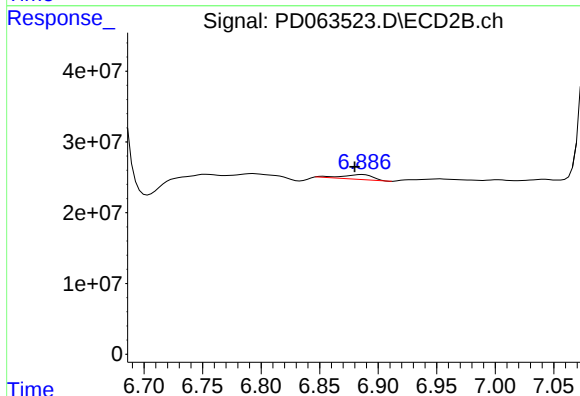
R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 792790913
Conc: 51.58 ng/ml



#15 Endosulfan II

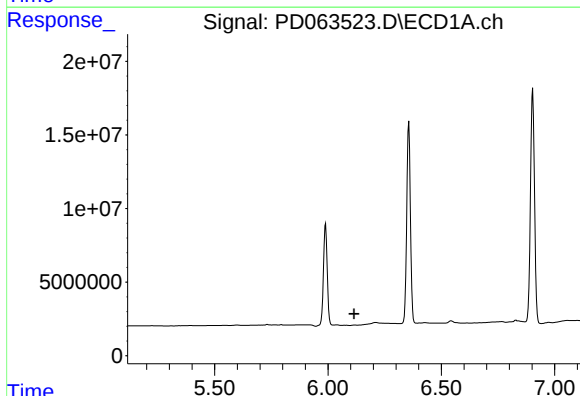
R.T.: 0.000 min
Exp R.T.: 6.263 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



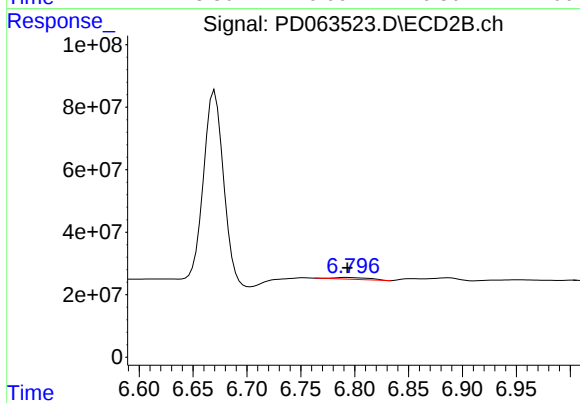
#15 Endosulfan II

R.T.: 6.887 min
Delta R.T.: 0.007 min
Response: 12150471
Conc: 0.82 ng/ml



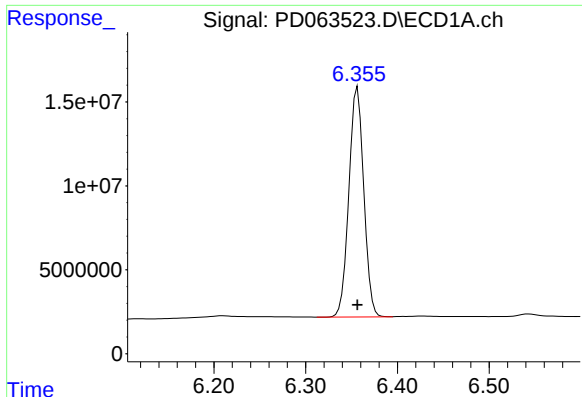
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T.: 6.115 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

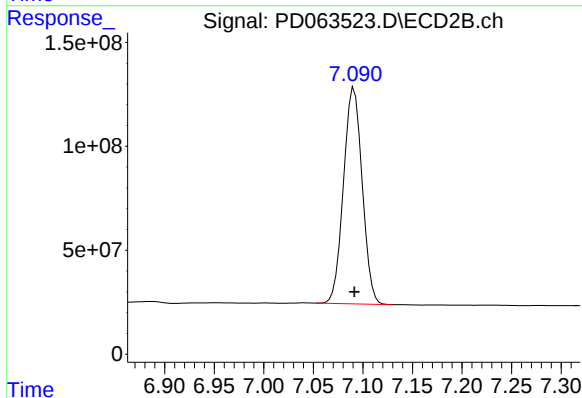
R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 13524737
Conc: 0.91 ng/ml



#17 4,4'-DDT

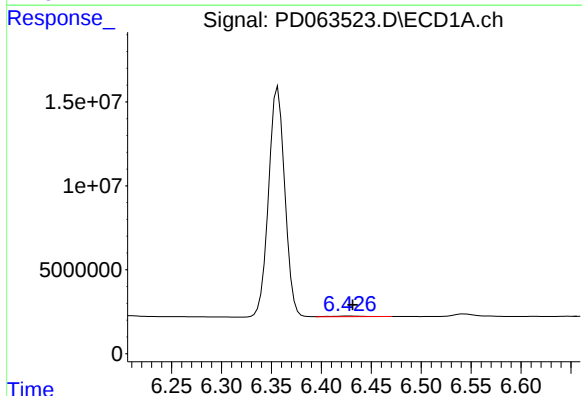
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 154165916
Conc: 106.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



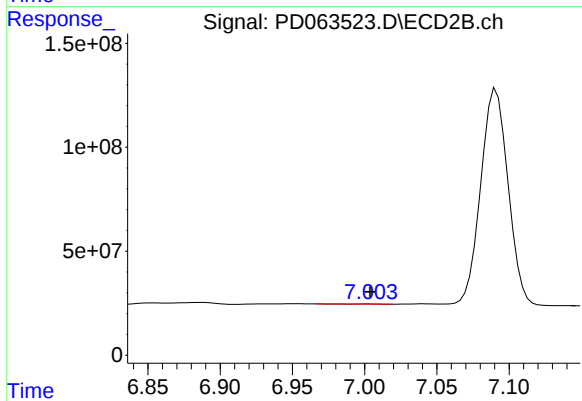
#17 4,4'-DDT

R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 1365005875
Conc: 90.69 ng/ml



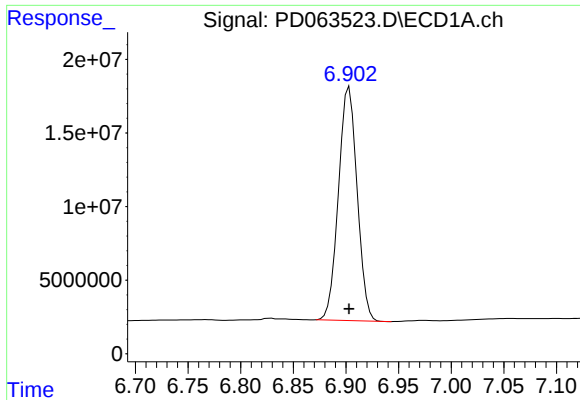
#18 Endrin aldehyde

R.T.: 6.428 min
Delta R.T.: -0.003 min
Response: 878968
Conc: 0.74 ng/ml



#18 Endrin aldehyde

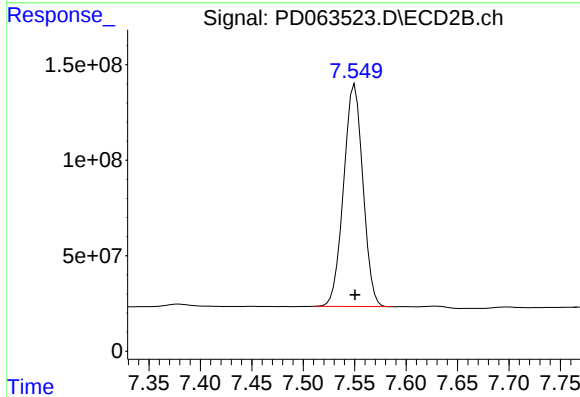
R.T.: 7.003 min
Delta R.T.: -0.001 min
Response: 365535
Conc: 0.03 ng/ml



#20 Methoxychlor

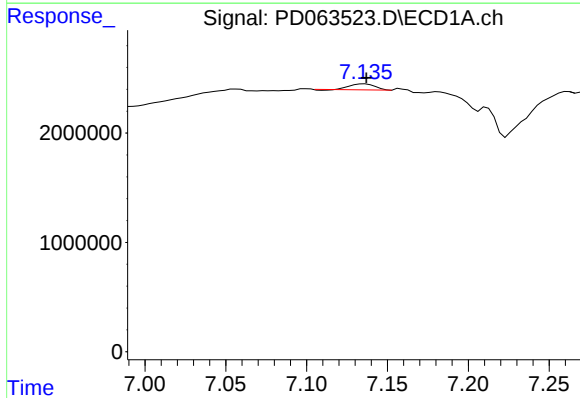
R.T.: 6.903 min
Delta R.T.: 0.000 min
Response: 196596288
Conc: 246.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



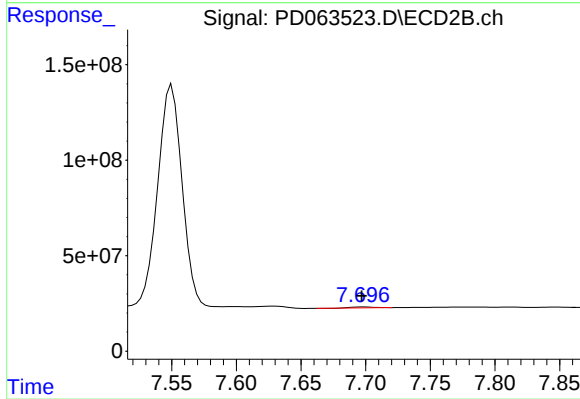
#20 Methoxychlor

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 1521148506
Conc: 205.38 ng/ml



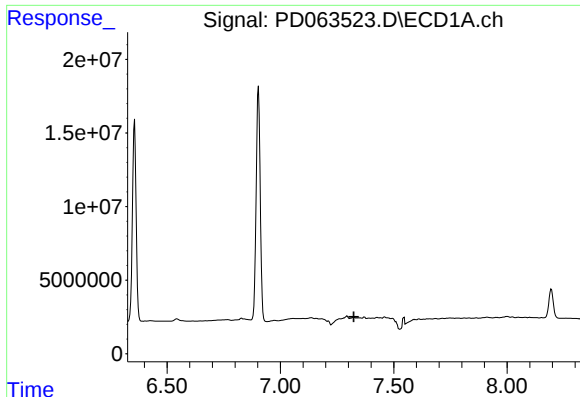
#21 Endrin ketone

R.T.: 7.136 min
Delta R.T.: -0.001 min
Response: 559707
Conc: 0.32 ng/ml



#21 Endrin ketone

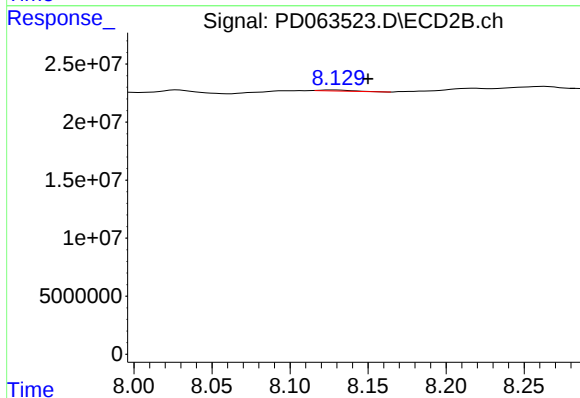
R.T.: 7.698 min
Delta R.T.: 0.001 min
Response: 5243785
Conc: 0.36 ng/ml



#22 Mirex

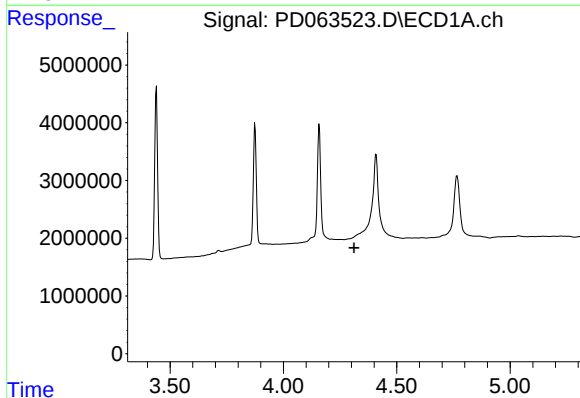
R.T.: 7.323 min
Delta R.T.: -0.002 min
Response: -947174
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



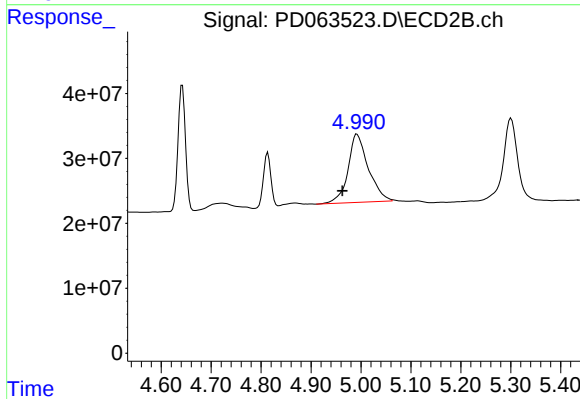
#22 Mirex

R.T.: 8.128 min
Delta R.T.: -0.022 min
Response: 1137712
Conc: 0.11 ng/ml



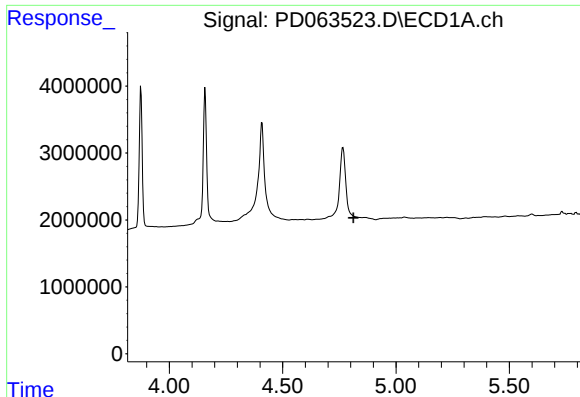
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.311 min
Response: 0
Conc: N.D.



#23 Chlordane-1

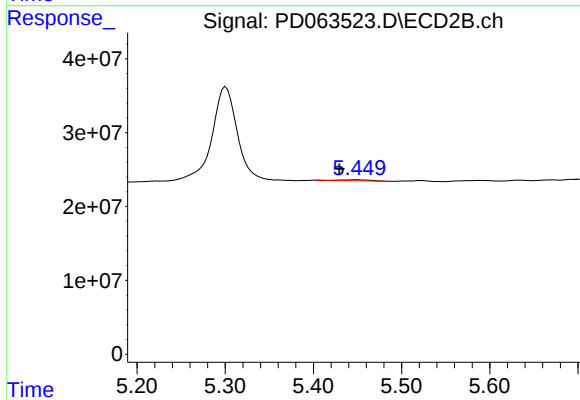
R.T.: 4.992 min
Delta R.T.: 0.029 min
Response: 295872715
Conc: 511.51 ng/ml



#24 Chlordane-2

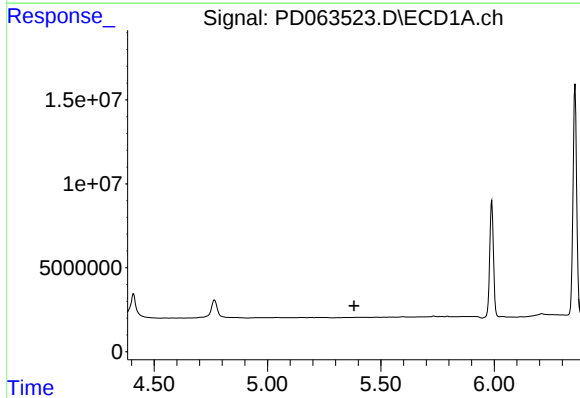
R.T.: 0.000 min
Exp R.T.: 4.813 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



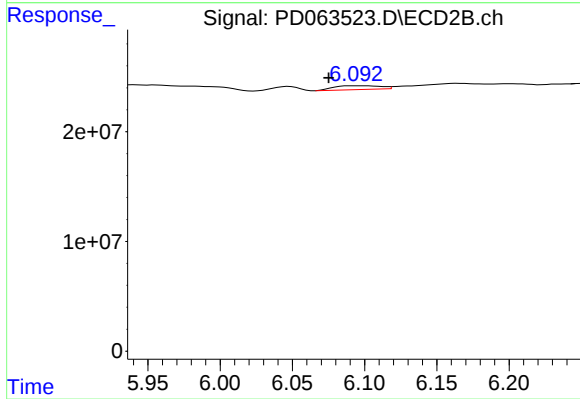
#24 Chlordane-2

R.T.: 5.449 min
Delta R.T.: 0.020 min
Response: 3090018
Conc: 5.52 ng/ml



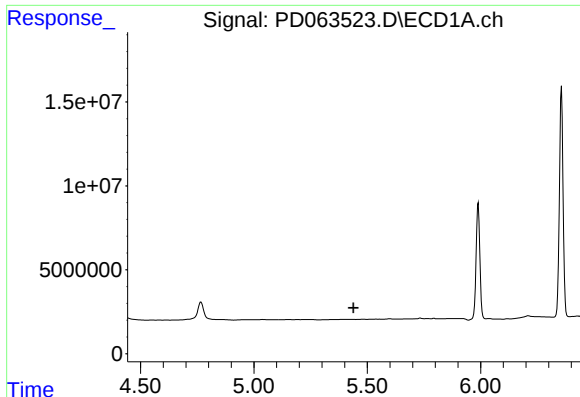
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T.: 5.382 min
Response: 0
Conc: N.D.



#25 Chlordane-3

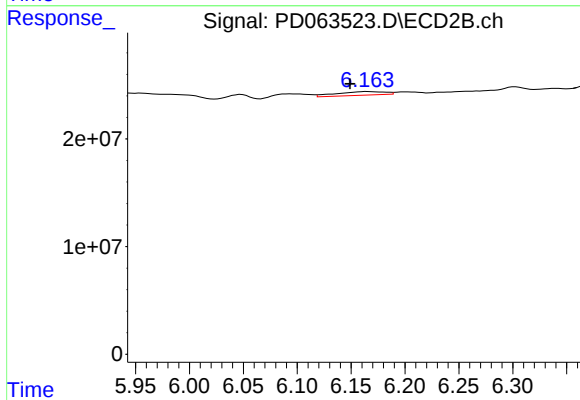
R.T.: 6.094 min
Delta R.T.: 0.019 min
Response: 7996043
Conc: 3.24 ng/ml



#26 Chlordane-4

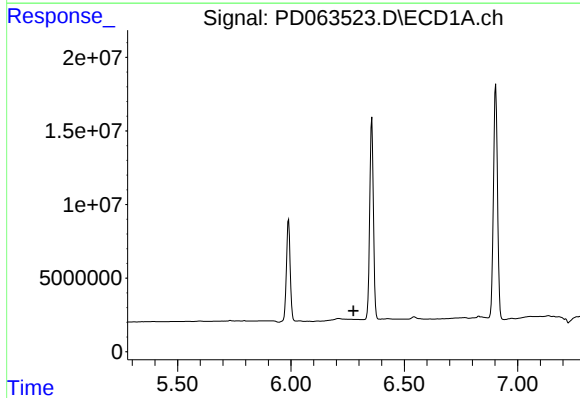
R.T.: 0.000 min
Exp R.T.: 5.439 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



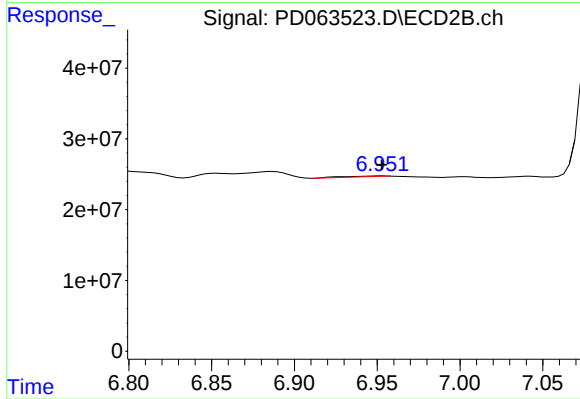
#26 Chlordane-4

R.T.: 6.165 min
Delta R.T.: 0.016 min
Response: 10558553
Conc: 3.69 ng/ml



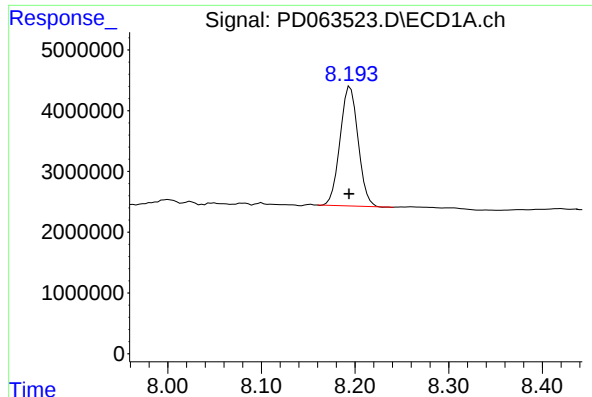
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.276 min
Response: 0
Conc: N.D.



#27 Chlordane-5

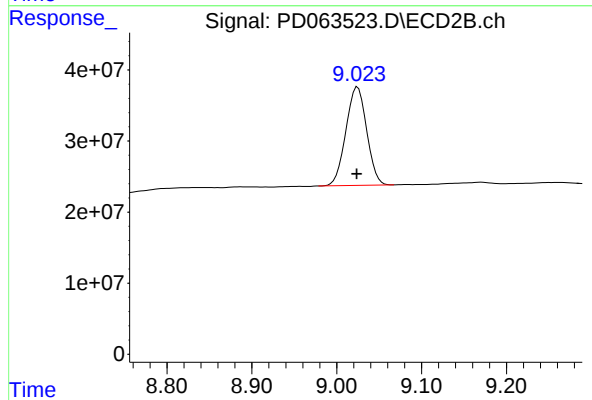
R.T.: 6.952 min
Delta R.T.: 0.000 min
Response: 1630240
Conc: 3.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.195 min
Delta R.T.: 0.001 min
Response: 26388697
Conc: 16.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 235446022
Conc: 17.04 ng/ml