

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091322\
 Data File : PD071852.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2022 04:35
 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: Sep 13 05:46:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 10 22:11:50 2022
 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...	2.804	3.562	54180019	702.0E6	22.157	24.462
28)	SA Decachlor...	7.994	9.088	49658970	212.8E6	19.712	22.887
Target Compounds							
2)	A alpha-BHC	3.312	4.028	40366642	524.3E6	10.475	13.065
3)	MA gamma-BHC...	3.646	4.364	37566197	435.7E6	10.699	13.269
4)	MA Heptachlor	0.000	4.956f	0	2343913	N.D.	0.097 #
5)	MB Aldrin	4.282	0.000	1833681	0	0.501	N.D. #
6)	B beta-BHC	3.944	4.571	18944120	175.7E6	12.504	13.295
8)	B Heptachlo...	0.000	5.714	0	39667548	N.D.	2.572 #
9)	A Endosulfan I	0.000	6.097	0	10910239	N.D.	0.740 #
10)	B gamma-Chl...	0.000	5.944f	0	34227032	N.D.	2.130 #
11)	B alpha-Chl...	0.000	6.064f	0	12055880	N.D.	0.773 #
12)	B 4,4'-DDE	5.291	6.221	410623	6082472	0.134	0.413 #
13)	MA Dieldrin	5.420	6.405f	1048922	10909797	0.314	0.720 #
14)	MA Endrin	5.700	6.613	144.9E6	614.0E6	48.909	48.612
15)	B Endosulfa...	6.010f	6.839	1080041	12423486	0.392	1.003 #
16)	A 4,4'-DDD	5.848	6.745	5981545	35946945	2.359	3.024 #
17)	MA 4,4'-DDT	6.101	7.056	289.2E6	1191.9E6	109.862	96.477
18)	B Endrin al...	6.176	6.970	6559363	26099951	2.966	2.703
19)	B Endosulfa...	6.386	0.000	390725	0	0.146	N.D. #
20)	A Methoxychlor	6.681	7.532	360.4E6	1394.0E6	240.724	229.302
21)	B Endrin ke...	6.908	7.694	10128085	45971393	3.375	3.696
24)	Chlordane-2	4.388	0.000	4108059	0	33.664	N.D. #
25)	Chlordane-3	0.000	5.944f	0	34227032	N.D.	15.580 #
26)	Chlordane-4	0.000	6.064f	0	12055880	N.D.	4.692 #
27)	Chlordane-5	6.010	0.000	1080041	0	8.657	N.D. #

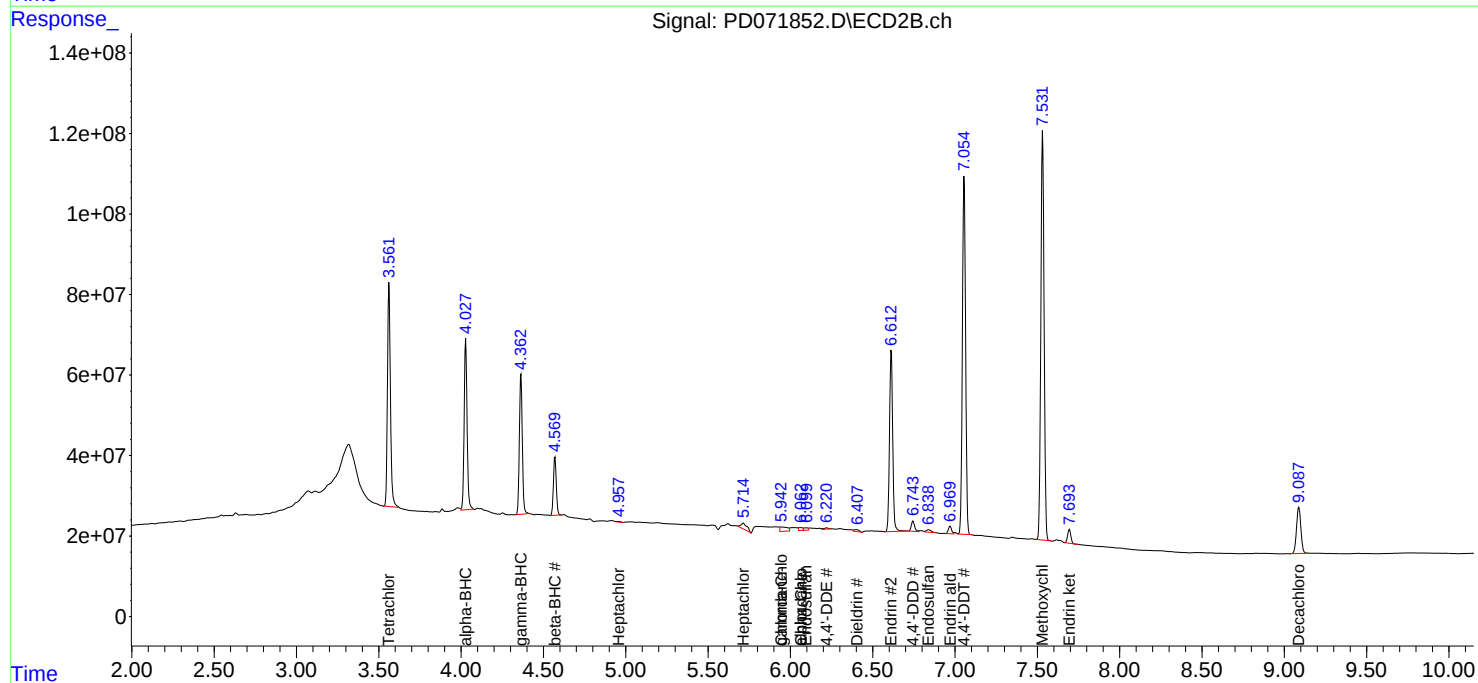
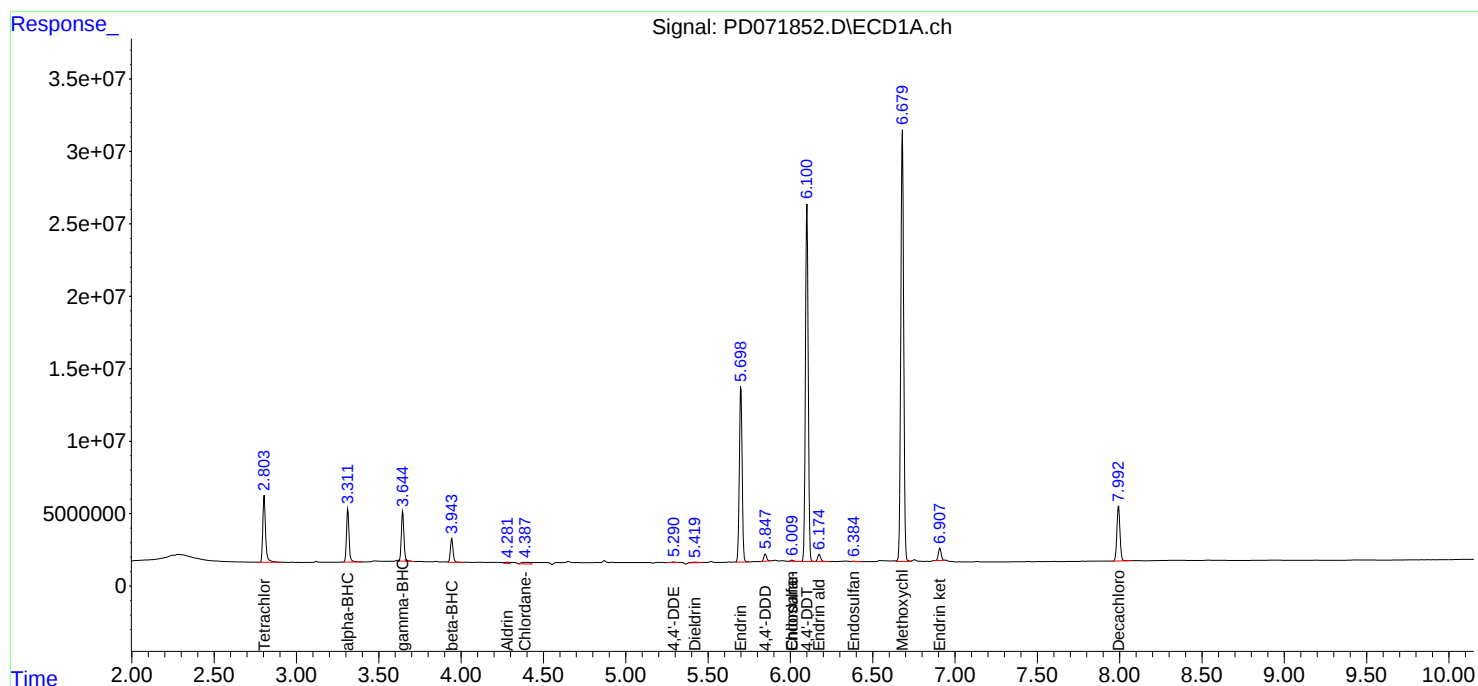
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

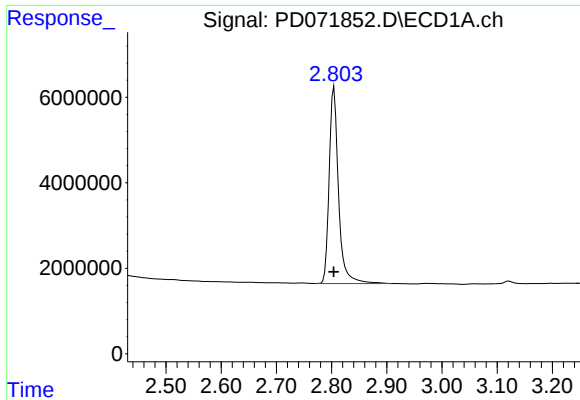
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091322\
Data File : PD071852.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2022 04:35
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 05:46:14 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
Quant Title : GC Extractables
QLast Update : Sat Sep 10 22:11:50 2022
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

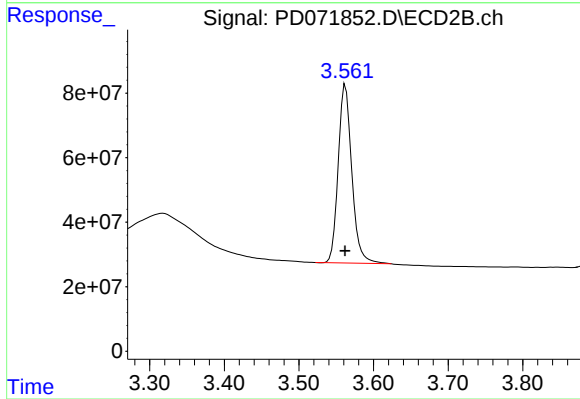




#1 Tetrachloro-m-xylene

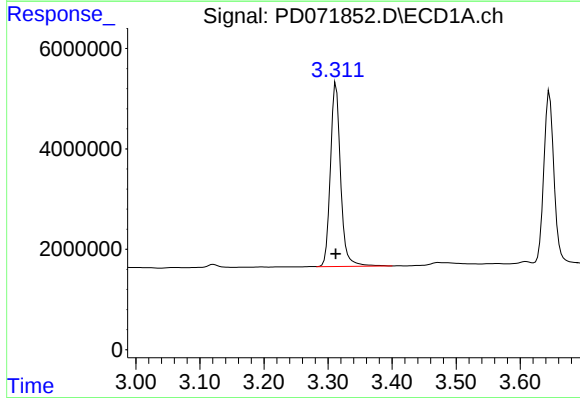
R.T.: 2.804 min
Delta R.T.: 0.000 min
Response: 54180019
Conc: 22.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



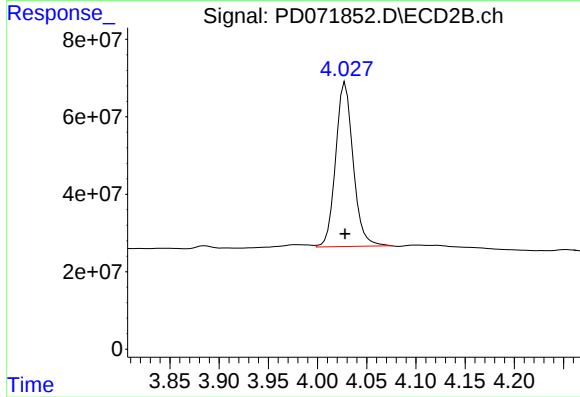
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: 0.000 min
Response: 701963916
Conc: 24.46 ng/ml



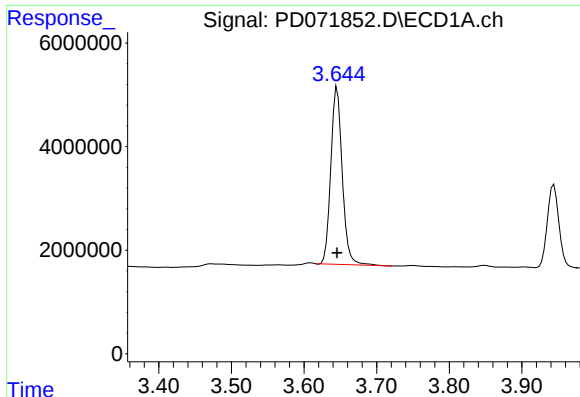
#2 alpha-BHC

R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 40366642
Conc: 10.47 ng/ml



#2 alpha-BHC

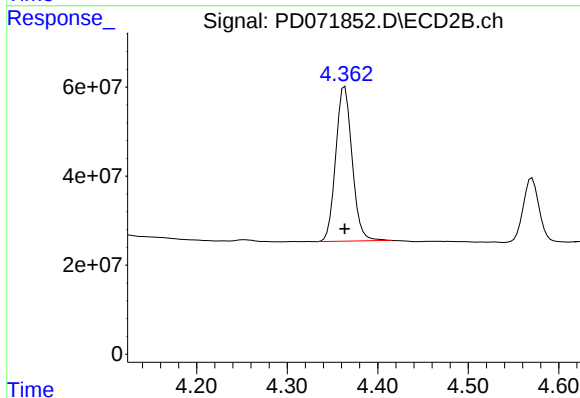
R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 524274422
Conc: 13.06 ng/ml



#3 gamma-BHC (Lindane)

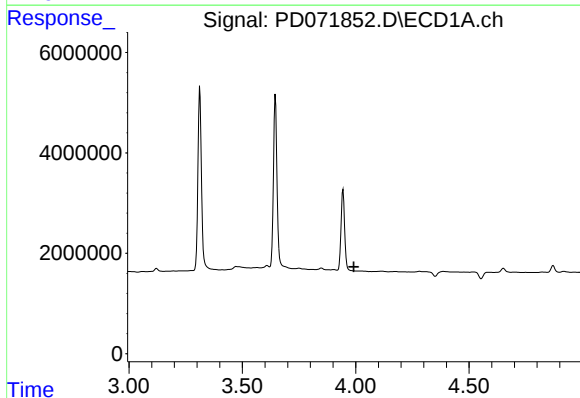
R.T.: 3.646 min
Delta R.T.: 0.000 min
Response: 37566197
Conc: 10.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



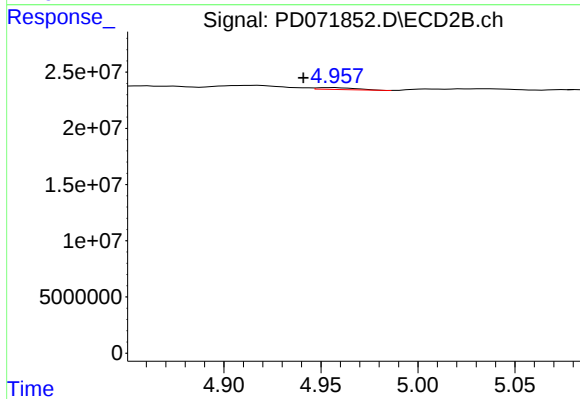
#3 gamma-BHC (Lindane)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 435669769
Conc: 13.27 ng/ml



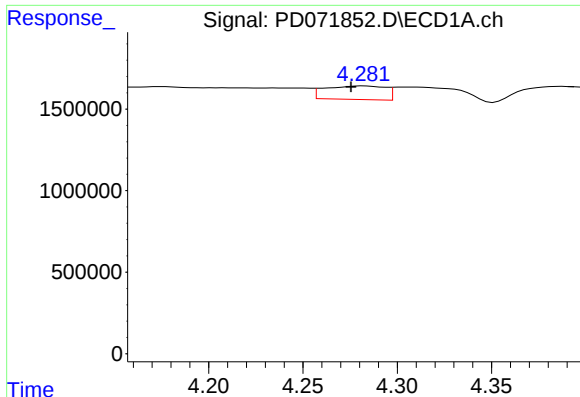
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 3.992 min
Response: 0
Conc: N.D.



#4 Heptachlor

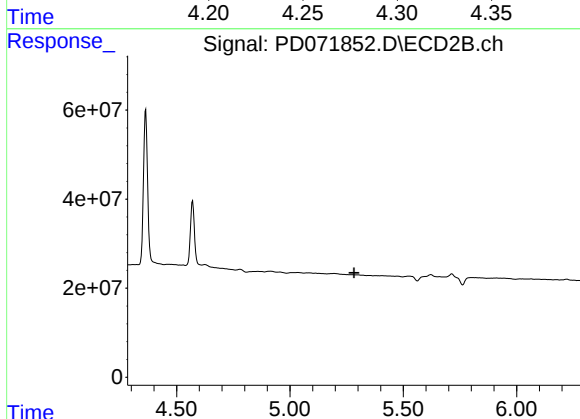
R.T.: 4.956 min
Delta R.T.: 0.015 min
Response: 2343913
Conc: 0.10 ng/ml



#5 Aldrin

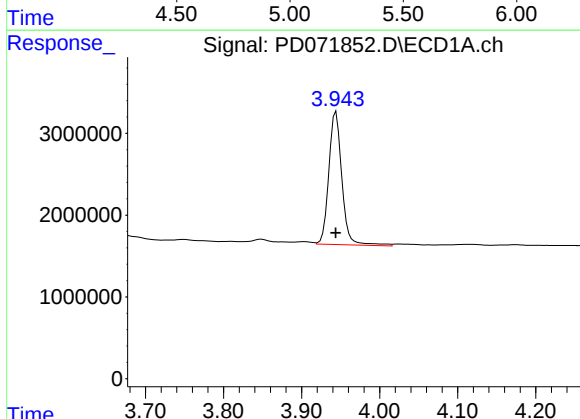
R.T.: 4.282 min
Delta R.T.: 0.007 min
Response: 1833681
Conc: 0.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



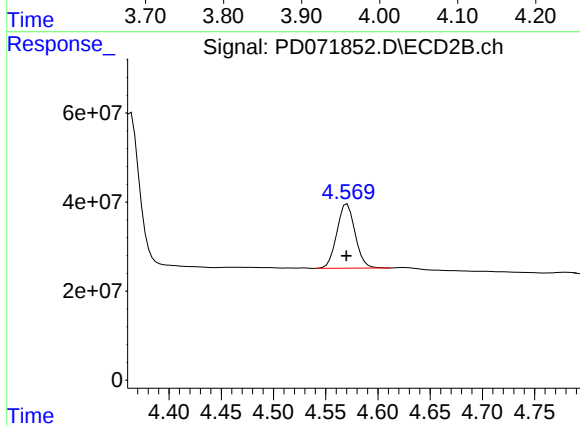
#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 5.283 min
Response: 0
Conc: N.D.



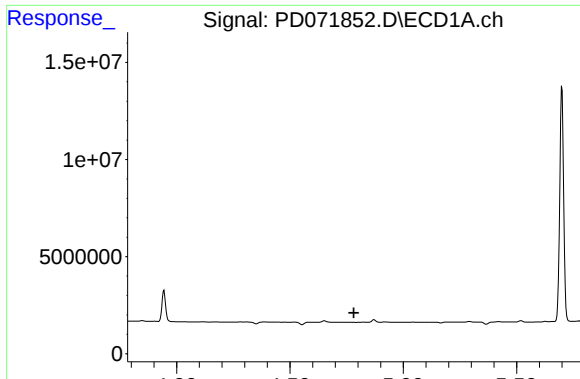
#6 beta-BHC

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 18944120
Conc: 12.50 ng/ml



#6 beta-BHC

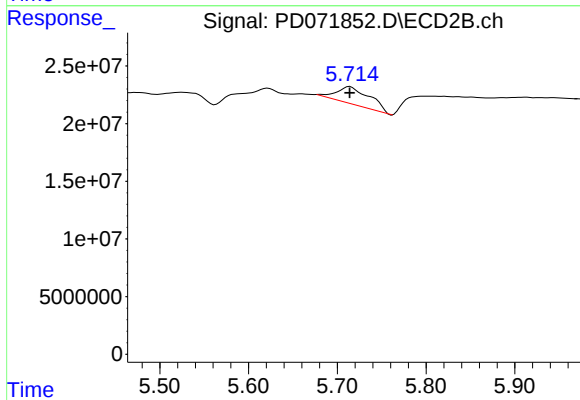
R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 175718994
Conc: 13.30 ng/ml



#8 Heptachlor epoxide

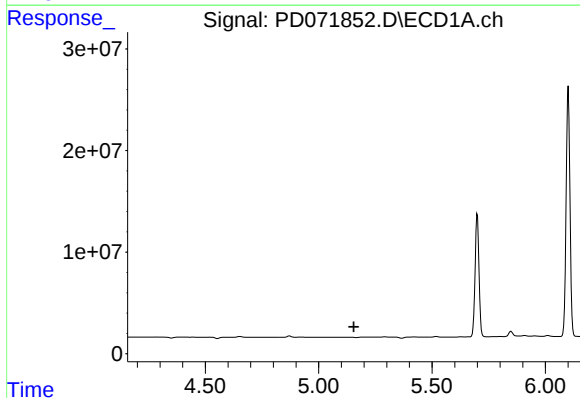
R.T.: 0.000 min
Exp R.T.: 4.781 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



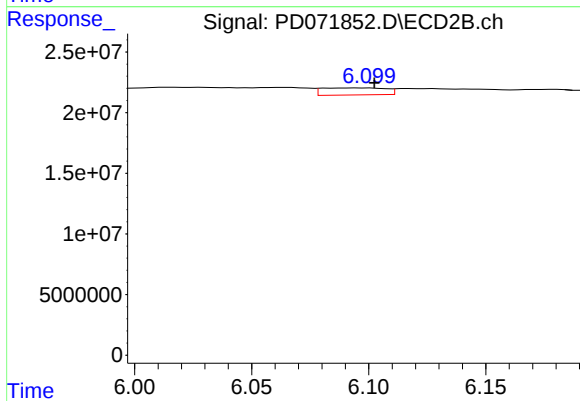
#8 Heptachlor epoxide

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 39667548
Conc: 2.57 ng/ml



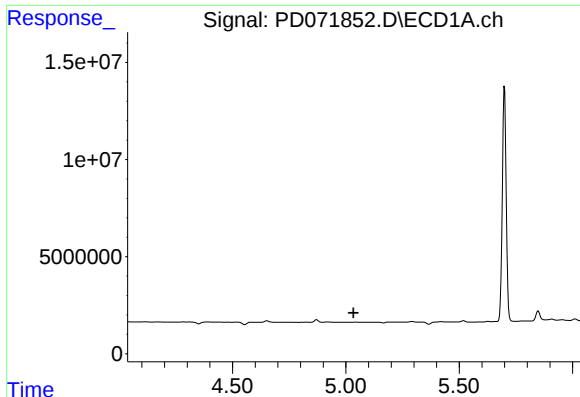
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 5.155 min
Response: 0
Conc: N.D.



#9 Endosulfan I

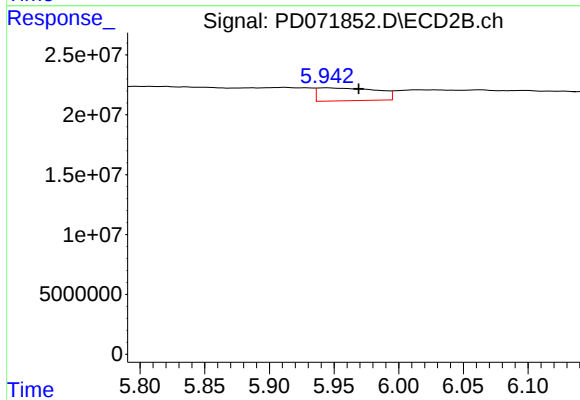
R.T.: 6.097 min
Delta R.T.: -0.006 min
Response: 10910239
Conc: 0.74 ng/ml



#10 gamma-Chlordane

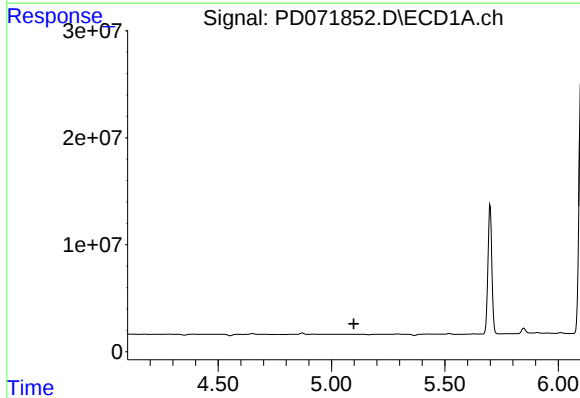
R.T.: 0.000 min
Exp R.T.: 5.034 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



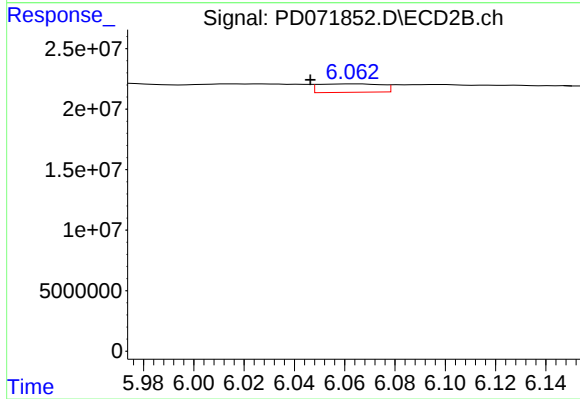
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.025 min
Response: 34227032
Conc: 2.13 ng/ml



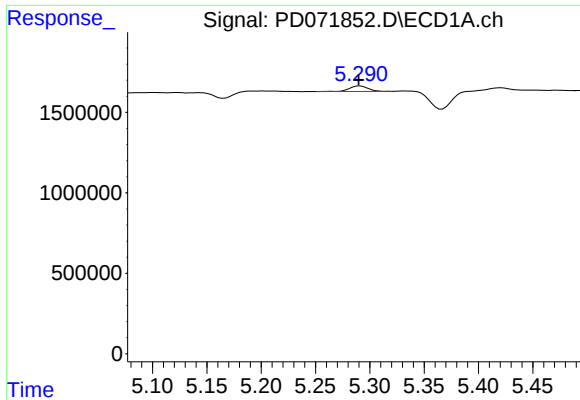
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.099 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

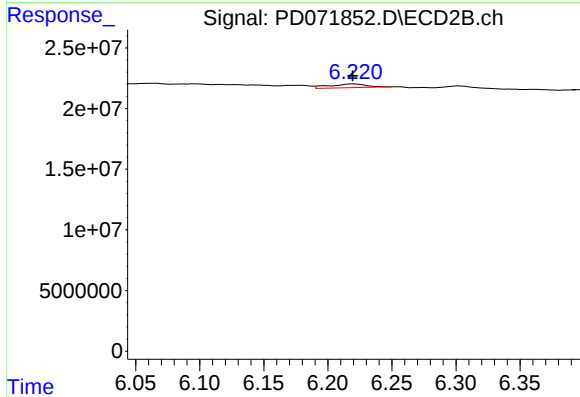
R.T.: 6.064 min
Delta R.T.: 0.018 min
Response: 12055880
Conc: 0.77 ng/ml



#12 4,4'-DDE

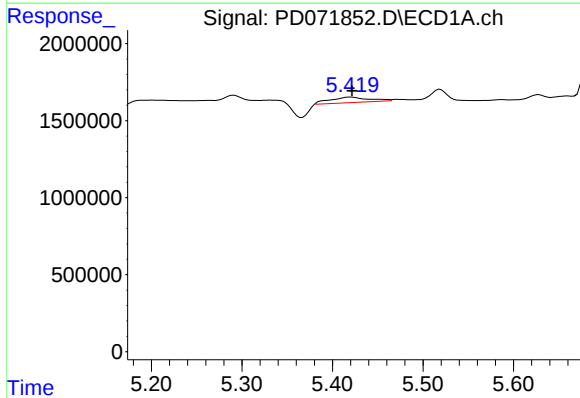
R.T.: 5.291 min
Delta R.T.: 0.001 min
Response: 410623
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



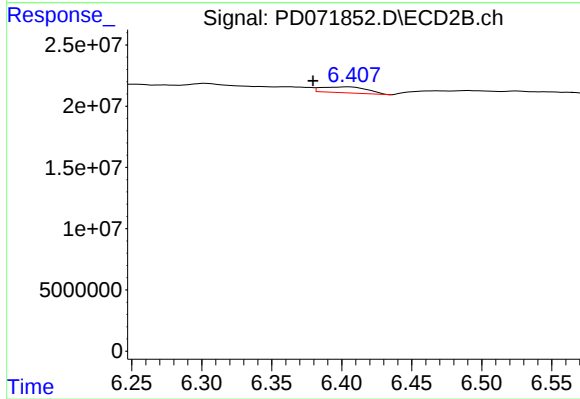
#12 4,4'-DDE

R.T.: 6.221 min
Delta R.T.: 0.002 min
Response: 6082472
Conc: 0.41 ng/ml



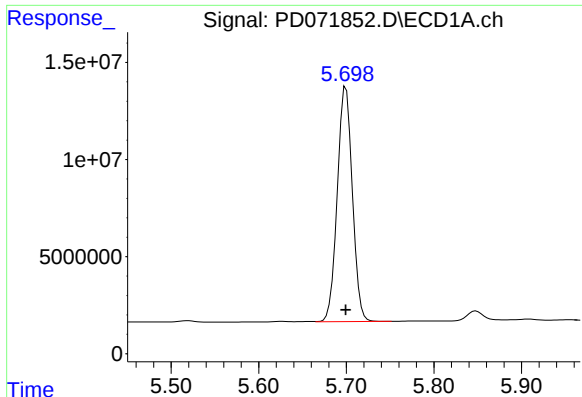
#13 Dieldrin

R.T.: 5.420 min
Delta R.T.: -0.001 min
Response: 1048922
Conc: 0.31 ng/ml



#13 Dieldrin

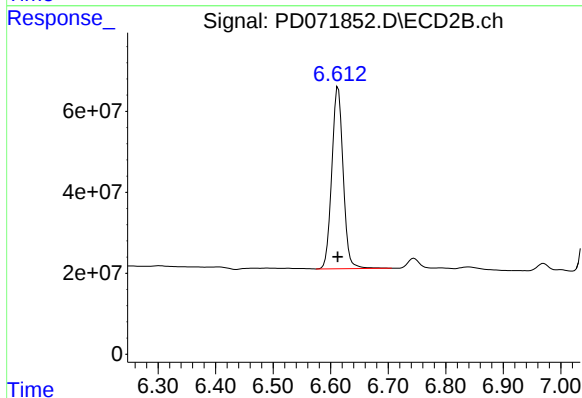
R.T.: 6.405 min
Delta R.T.: 0.026 min
Response: 10909797
Conc: 0.72 ng/ml



#14 Endrin

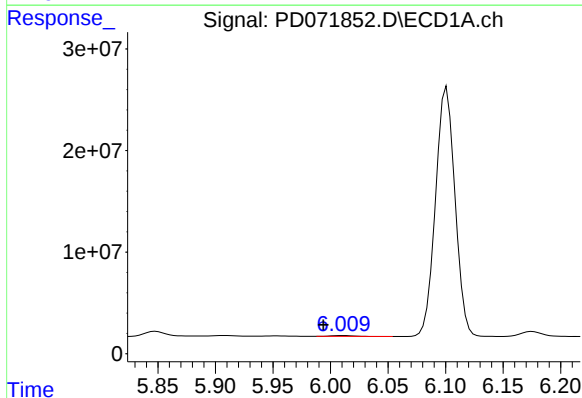
R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 144908407
Conc: 48.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



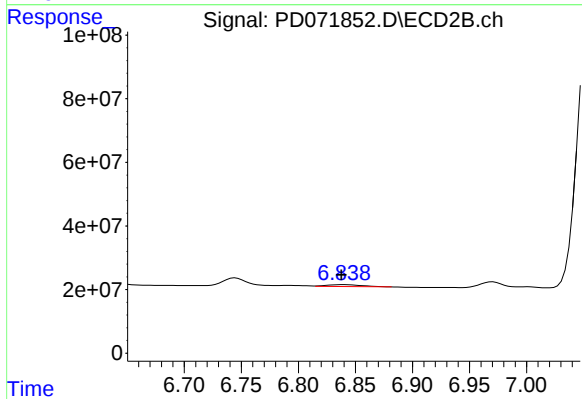
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 613996728
Conc: 48.61 ng/ml



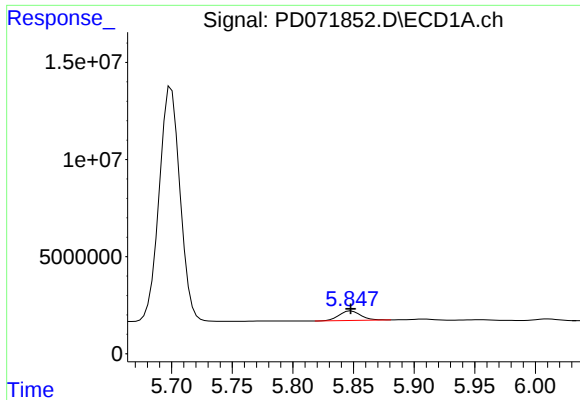
#15 Endosulfan II

R.T.: 6.010 min
Delta R.T.: 0.017 min
Response: 1080041
Conc: 0.39 ng/ml



#15 Endosulfan II

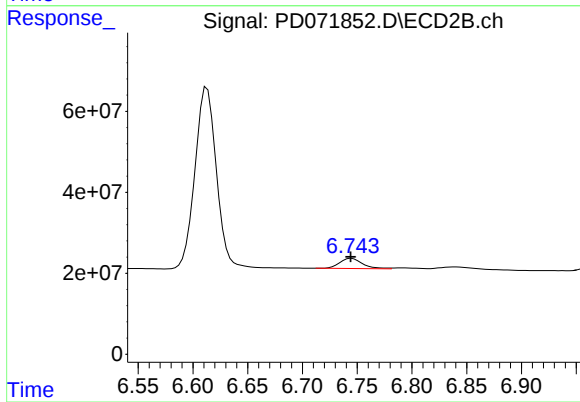
R.T.: 6.839 min
Delta R.T.: 0.002 min
Response: 12423486
Conc: 1.00 ng/ml



#16 4,4'-DDD

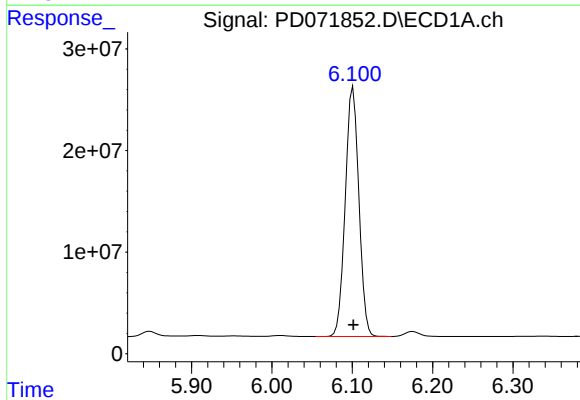
R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 5981545
Conc: 2.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



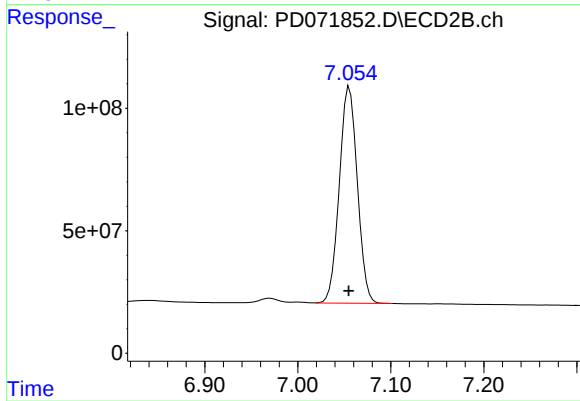
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 35946945
Conc: 3.02 ng/ml



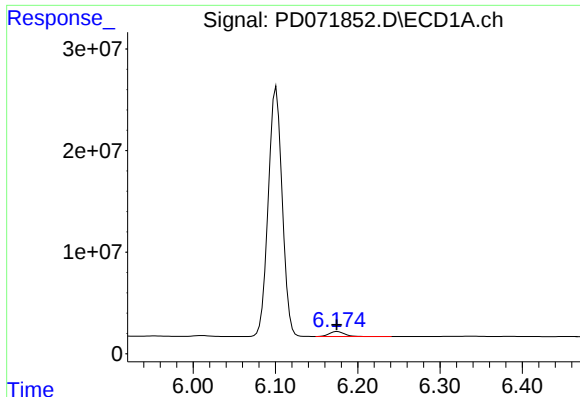
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 289157477
Conc: 109.86 ng/ml



#17 4,4'-DDT

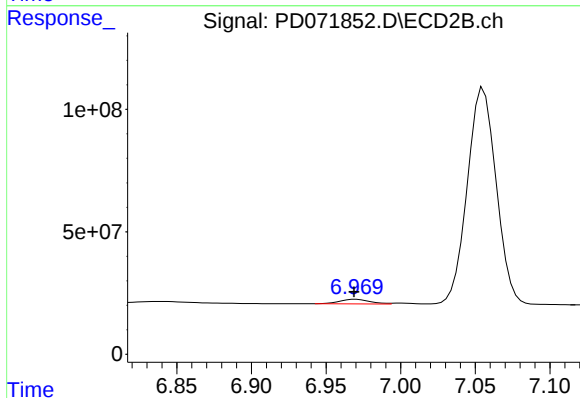
R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 1191858331
Conc: 96.48 ng/ml



#18 Endrin aldehyde

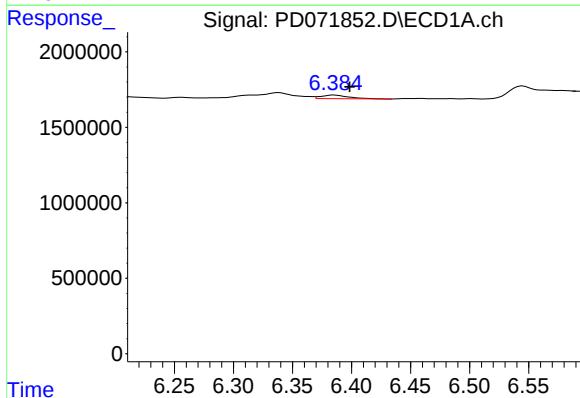
R.T.: 6.176 min
Delta R.T.: 0.001 min
Response: 6559363
Conc: 2.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



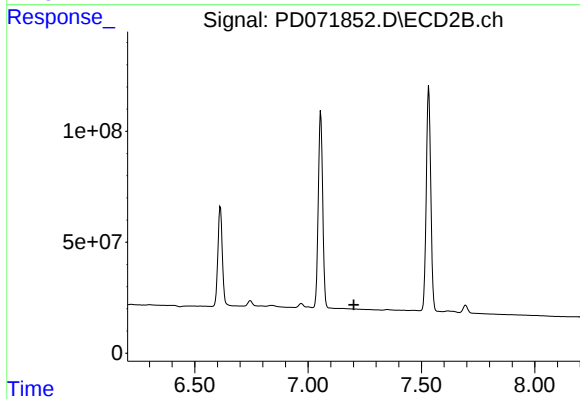
#18 Endrin aldehyde

R.T.: 6.970 min
Delta R.T.: 0.001 min
Response: 26099951
Conc: 2.70 ng/ml



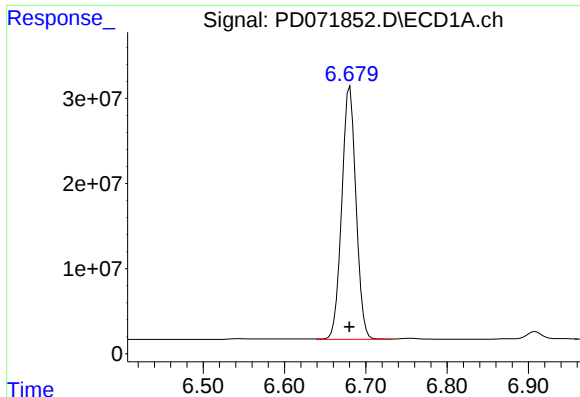
#19 Endosulfan Sulfate

R.T.: 6.386 min
Delta R.T.: -0.013 min
Response: 390725
Conc: 0.15 ng/ml



#19 Endosulfan Sulfate

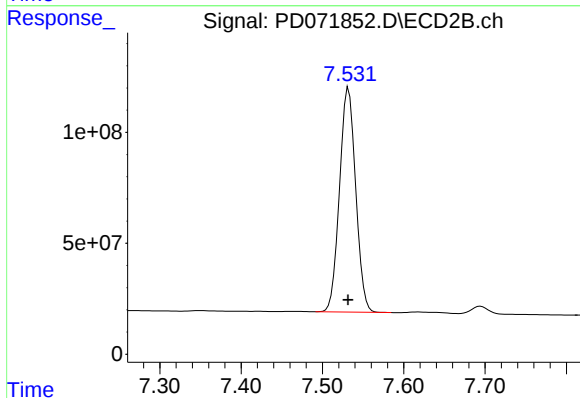
R.T.: 0.000 min
Exp R.T. : 7.202 min
Response: 0
Conc: N.D.



#20 Methoxychlor

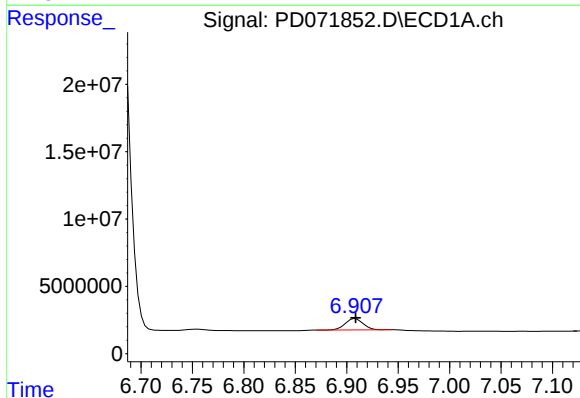
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 360447848
Conc: 240.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



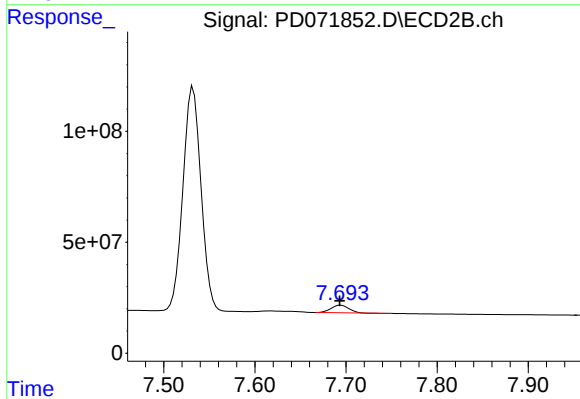
#20 Methoxychlor

R.T.: 7.532 min
Delta R.T.: 0.000 min
Response: 1393955848
Conc: 229.30 ng/ml



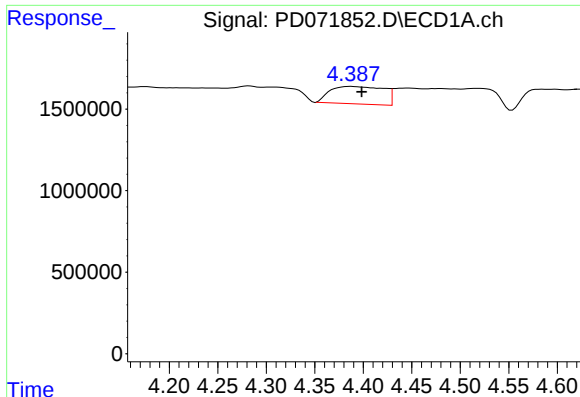
#21 Endrin ketone

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 10128085
Conc: 3.38 ng/ml



#21 Endrin ketone

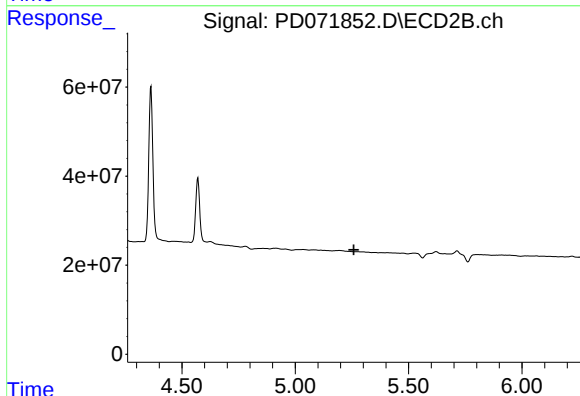
R.T.: 7.694 min
Delta R.T.: 0.002 min
Response: 45971393
Conc: 3.70 ng/ml



#24 Chlordane-2

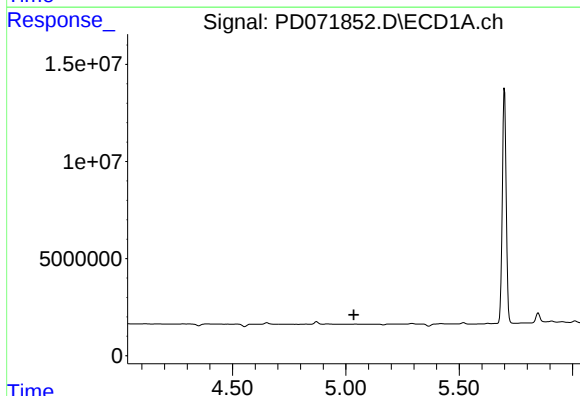
R.T.: 4.388 min
Delta R.T.: -0.011 min
Response: 4108059
Conc: 33.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



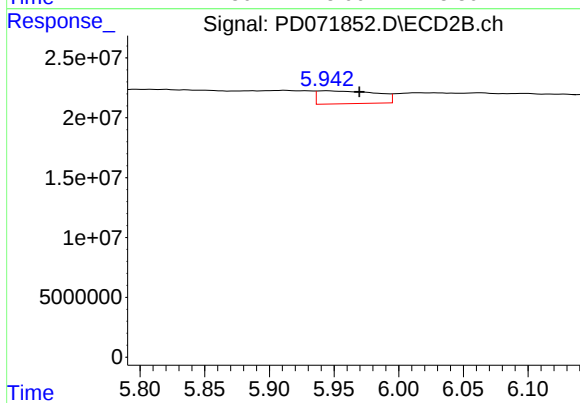
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.258 min
Response: 0
Conc: N.D.



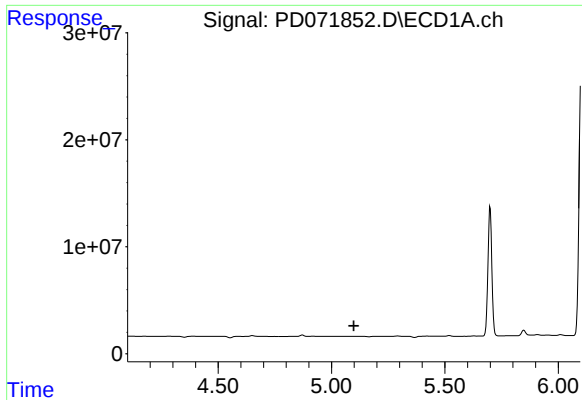
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.035 min
Response: 0
Conc: N.D.



#25 Chlordane-3

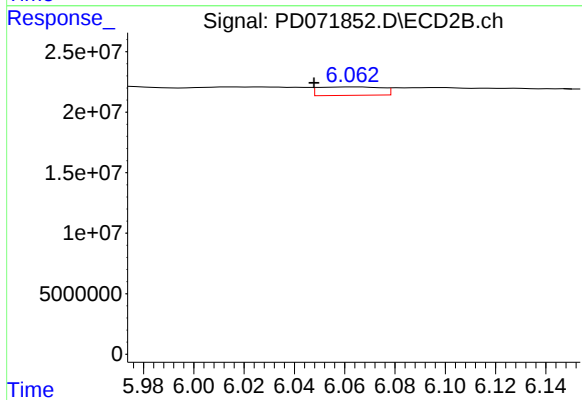
R.T.: 5.944 min
Delta R.T.: -0.026 min
Response: 34227032
Conc: 15.58 ng/ml



#26 Chlordane-4

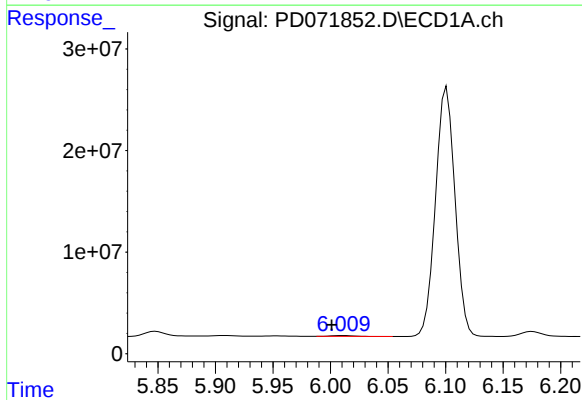
R.T.: 0.000 min
Exp R.T.: 5.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



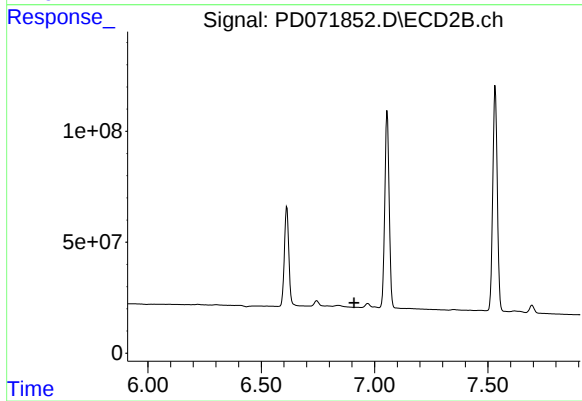
#26 Chlordane-4

R.T.: 6.064 min
Delta R.T.: 0.016 min
Response: 12055880
Conc: 4.69 ng/ml



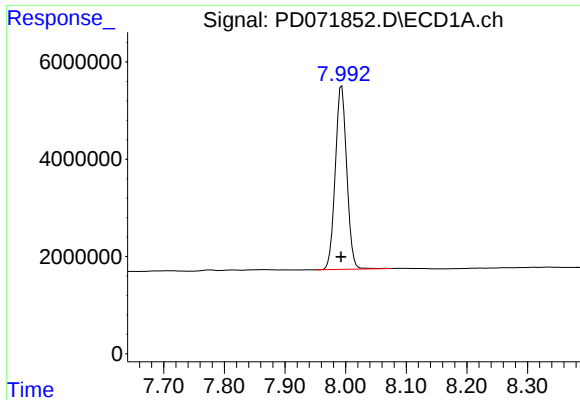
#27 Chlordane-5

R.T.: 6.010 min
Delta R.T.: 0.009 min
Response: 1080041
Conc: 8.66 ng/ml



#27 Chlordane-5

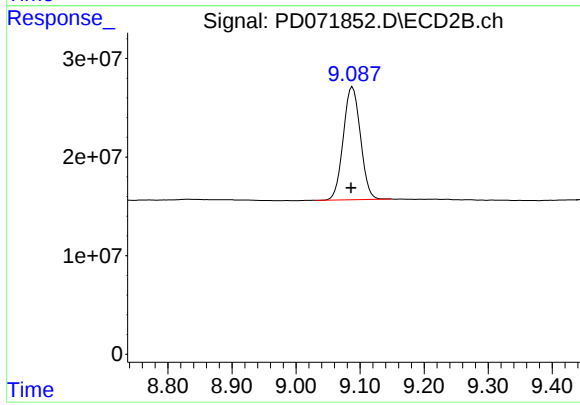
R.T.: 0.000 min
Exp R.T.: 6.909 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: 0.001 min
Response: 49658970
Conc: 19.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: 0.002 min
Response: 212779510
Conc: 22.89 ng/ml