

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052124\
 Data File : PD082904.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2024 17:37
 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: May 17 23:13:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 15:39:20 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...	3.587f	2.778	31441402	86957091	20.309	21.941
28)	SA Decachlor...	9.140	7.904	42143269	84062026	21.104	21.747
Target Compounds							
2)	A alpha-BHC	4.043f	3.276	25357518	66257142	9.257	10.622
3)	MA gamma-BHC...	4.377f	3.605	25121706	58733988	9.504	9.938
5)	MB Aldrin	0.000	4.231	0	3605070	N.D.	0.633 #
6)	B beta-BHC	4.573f	3.901	9611522	27577035	9.177	11.548 #
7)	B delta-BHC	4.813	0.000	330598	0	0.133	N.D. #
8)	B Heptachlo...	5.735	4.737	5740145	3152164	2.461	0.626 #
9)	A Endosulfan I	6.089f	0.000	752068	0	0.348	N.D. #
10)	B gamma-Chl...	5.967	0.000	1834843	0	0.810	N.D. #
11)	B alpha-Chl...	6.048	0.000	868456	0	0.384	N.D. #
12)	B 4,4'-DDE	6.250f	5.226	274606	1682152	0.126	0.360 #
13)	MA Dieldrin	0.000	5.358	0	236538	N.D.	0.047 #
14)	MA Endrin	6.634f	5.632	84097011	215.9E6	44.696	49.372
15)	B Endosulfa...	6.828	5.941	751519	226034	0.377	0.054 #
16)	A 4,4'-DDD	6.768f	5.779	1554595	2318983	0.972	0.616 #
17)	MA 4,4'-DDT	7.083f	6.029	166.2E6	422.4E6	98.439	110.152
18)	B Endrin al...	6.984f	6.104	2160368	7122952	1.543	2.282 #
19)	B Endosulfa...	0.000	6.314	0	255410	N.D.	0.064 #
20)	A Methoxychlor	7.559f	6.604	61980355	500.5E6	67.616	246.326 #
21)	B Endrin ke...	7.706f	6.831	4177546	12022410	2.173	2.645
22)	Mirex	0.000	7.042f	0	382869	N.D.	0.107 #
23)	Chlordane-1	0.000	3.805f	0	551367	N.D.	3.010 #
24)	Chlordane-2	0.000	4.349	0	4633706	N.D.	21.869 #
25)	Chlordane-3	5.967	0.000	1834843	0	4.656	N.D. #
26)	Chlordane-4	6.048	0.000	868456	0	1.849	N.D. #
27)	Chlordane-5	0.000	5.941	0	226034	N.D.	1.121 #

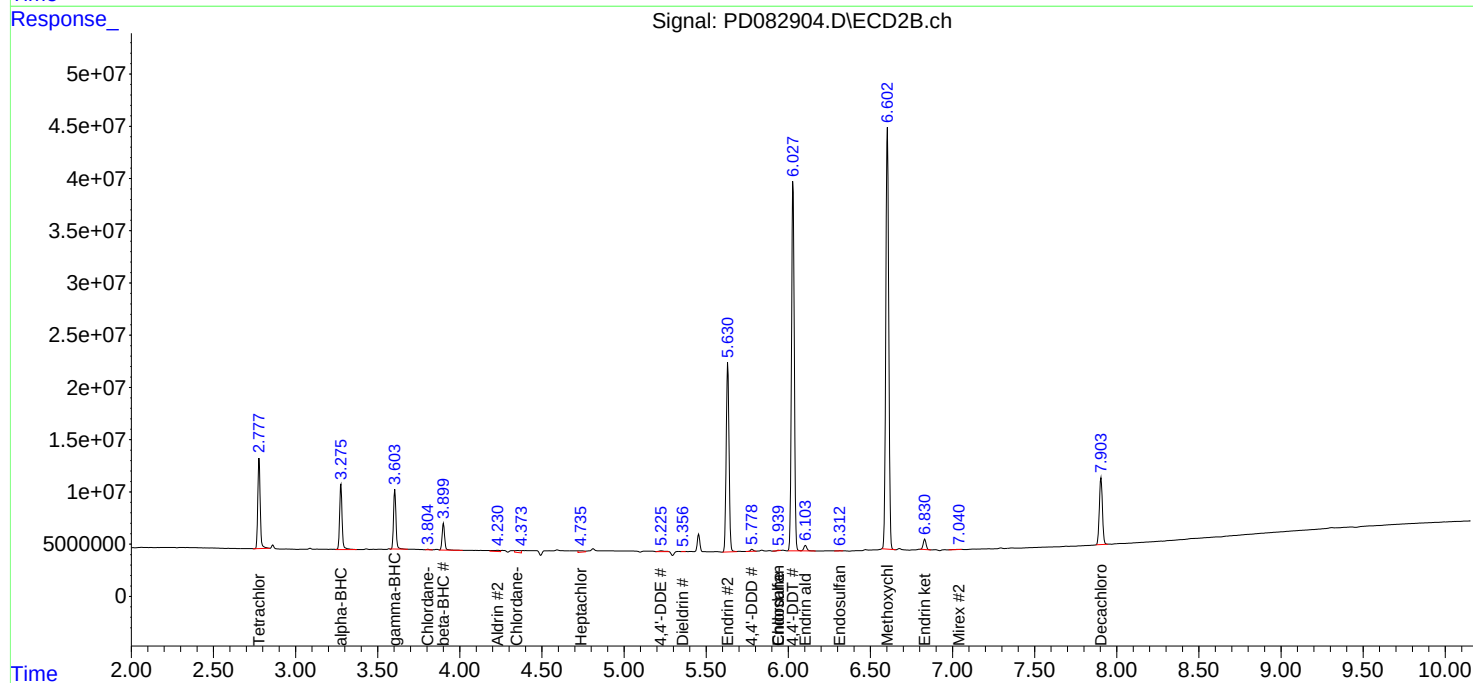
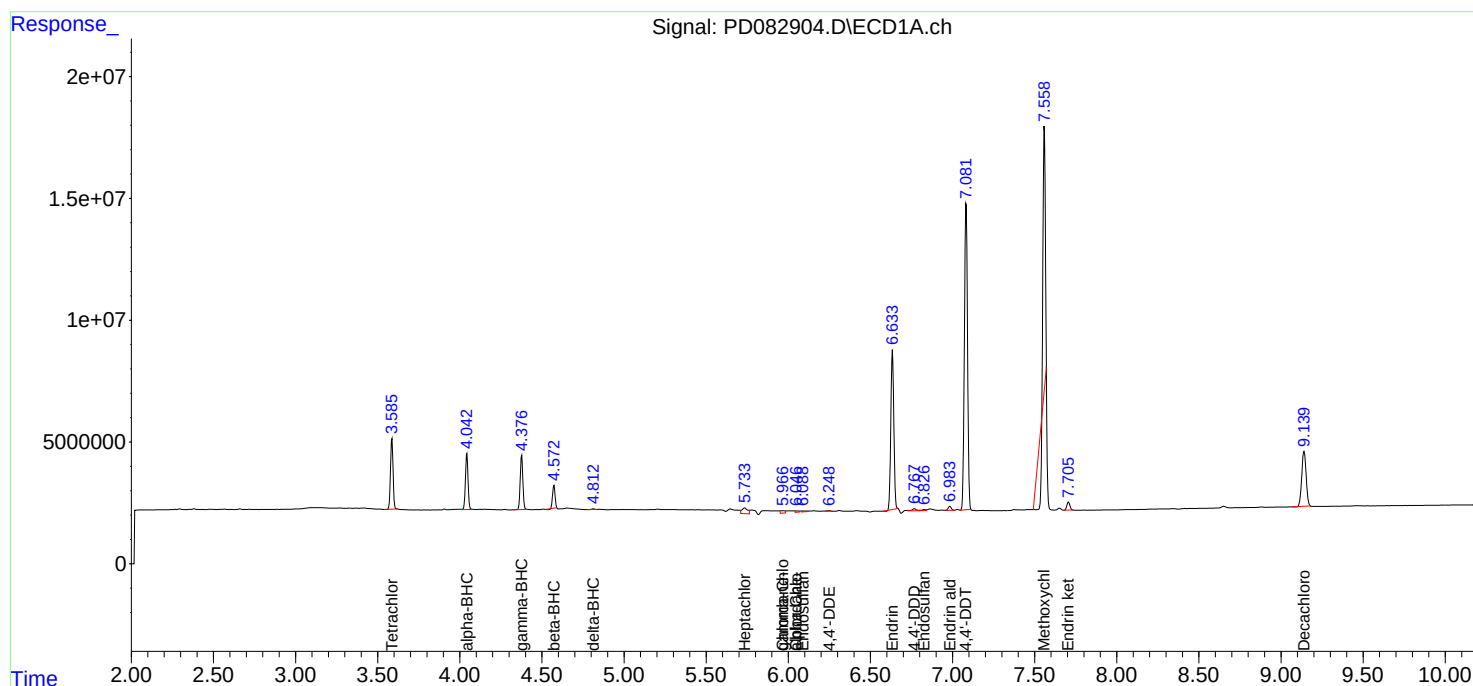
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

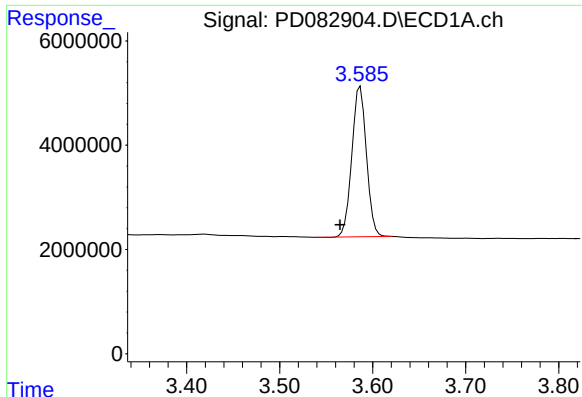
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052124\
Data File : PD082904.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 May 2024 17:37
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 17 23:13:10 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 15:39:20 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

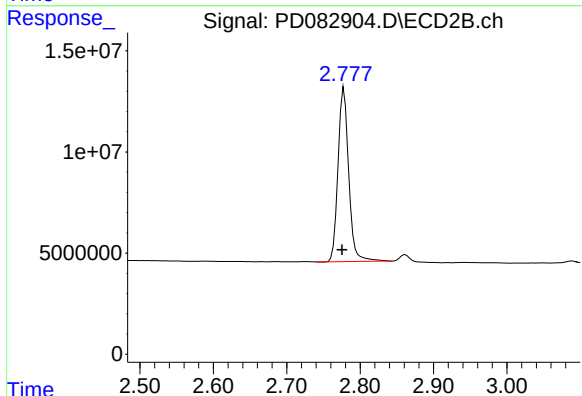




#1 Tetrachloro-m-xylene

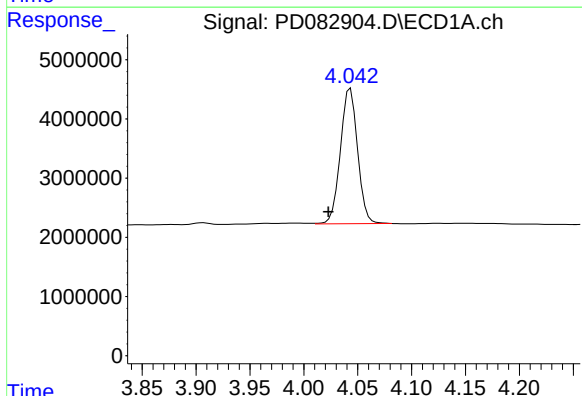
R.T.: 3.587 min
Delta R.T.: 0.022 min
Response: 31441402
Conc: 20.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



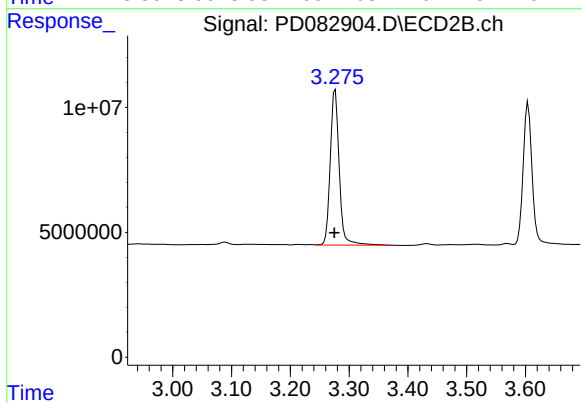
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.003 min
Response: 86957091
Conc: 21.94 ng/ml



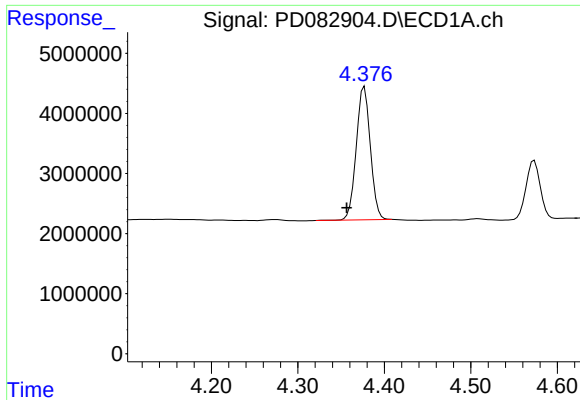
#2 alpha-BHC

R.T.: 4.043 min
Delta R.T.: 0.021 min
Response: 25357518
Conc: 9.26 ng/ml



#2 alpha-BHC

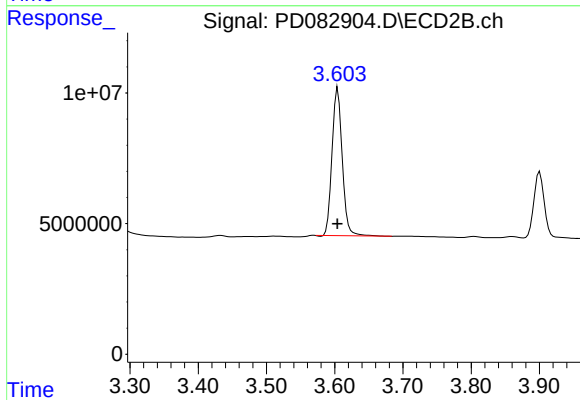
R.T.: 3.276 min
Delta R.T.: 0.001 min
Response: 66257142
Conc: 10.62 ng/ml



#3 gamma-BHC (Lindane)

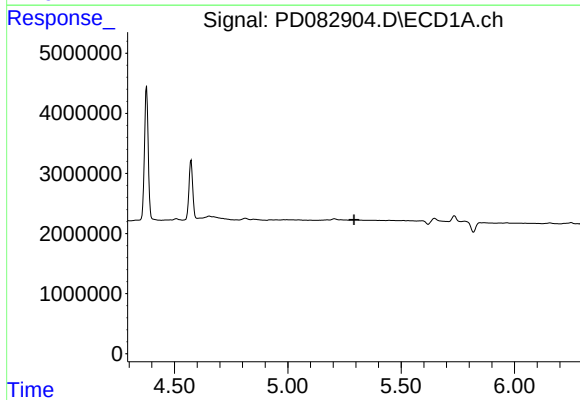
R.T.: 4.377 min
Delta R.T.: 0.020 min
Response: 25121706
Conc: 9.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



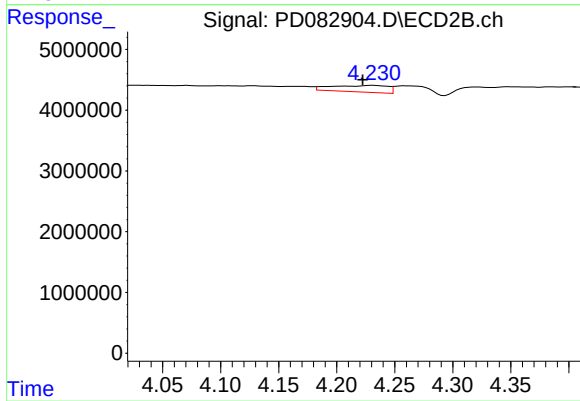
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.000 min
Response: 58733988
Conc: 9.94 ng/ml



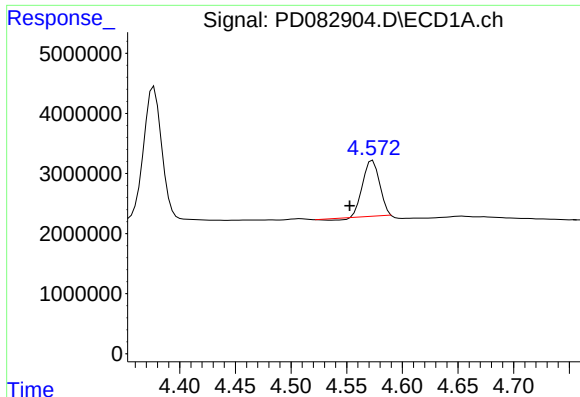
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.293 min
Response: 0
Conc: N.D.



#5 Aldrin

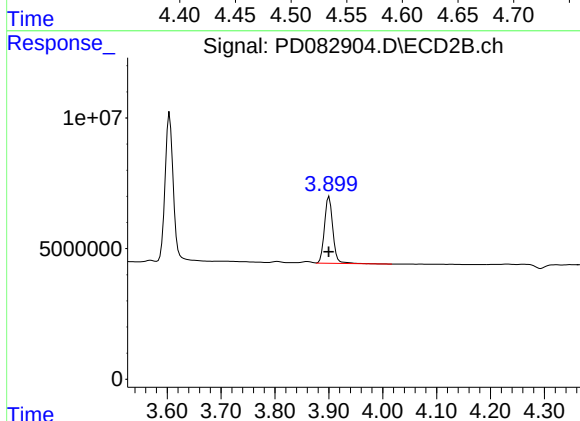
R.T.: 4.231 min
Delta R.T.: 0.009 min
Response: 3605070
Conc: 0.63 ng/ml



#6 beta-BHC

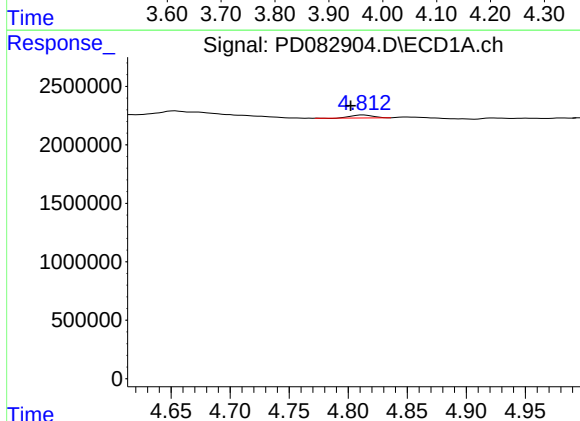
R.T.: 4.573 min
Delta R.T.: 0.021 min
Response: 9611522
Conc: 9.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



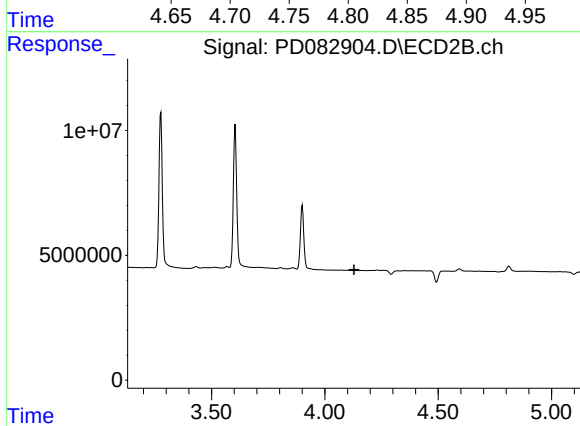
#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 27577035
Conc: 11.55 ng/ml



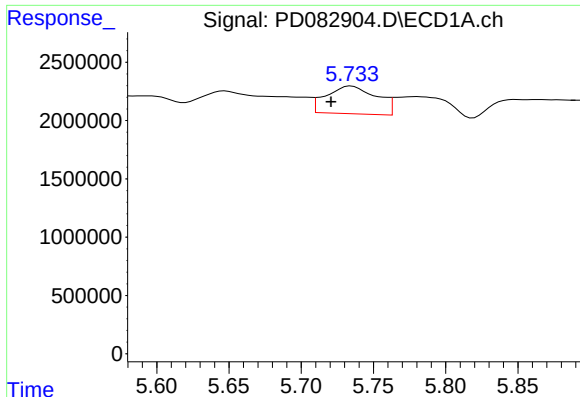
#7 delta-BHC

R.T.: 4.813 min
Delta R.T.: 0.011 min
Response: 330598
Conc: 0.13 ng/ml



#7 delta-BHC

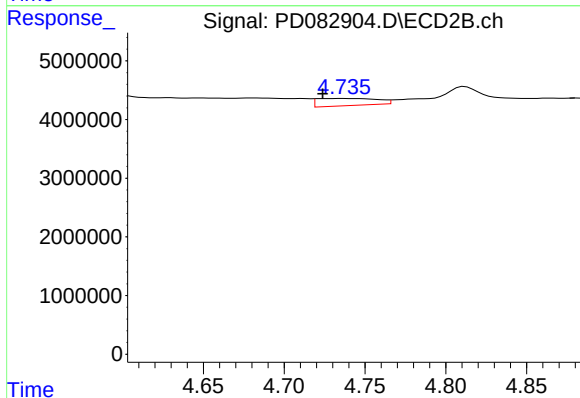
R.T.: 0.000 min
Exp R.T. : 4.129 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

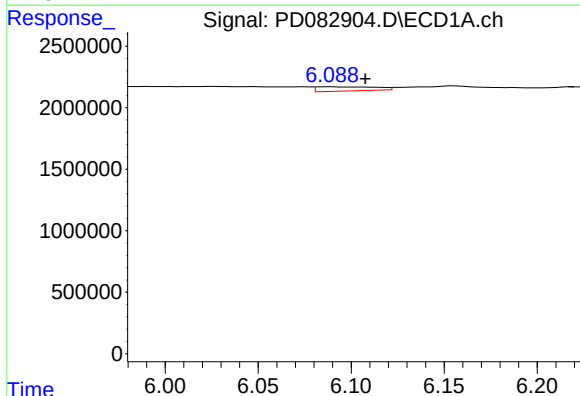
R.T.: 5.735 min
Delta R.T.: 0.014 min
Response: 5740145
Conc: 2.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



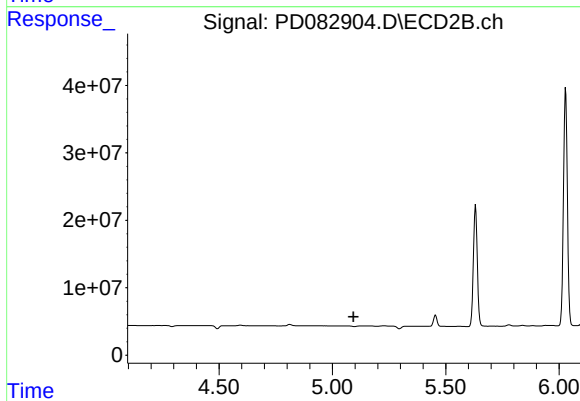
#8 Heptachlor epoxide

R.T.: 4.737 min
Delta R.T.: 0.013 min
Response: 3152164
Conc: 0.63 ng/ml



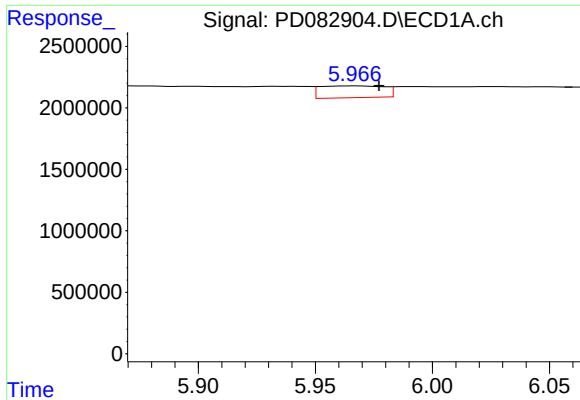
#9 Endosulfan I

R.T.: 6.089 min
Delta R.T.: -0.018 min
Response: 752068
Conc: 0.35 ng/ml



#9 Endosulfan I

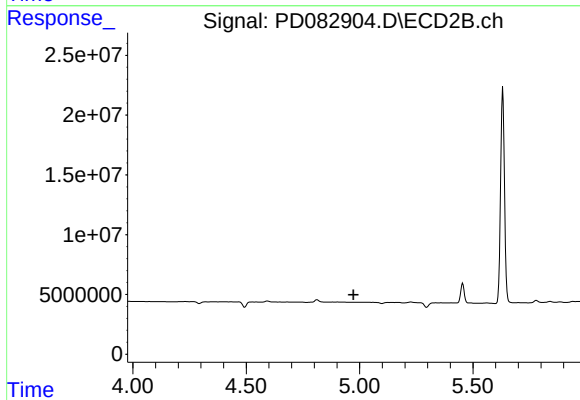
R.T.: 0.000 min
Exp R.T.: 5.093 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

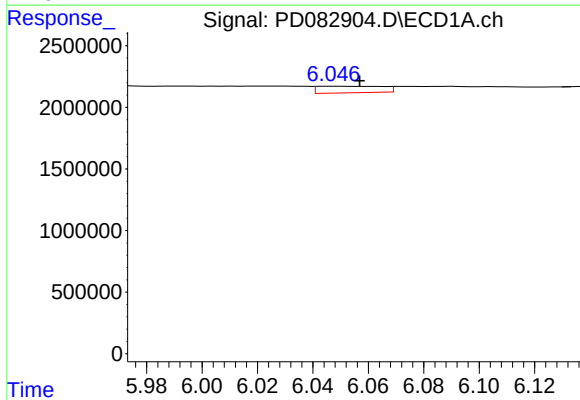
R.T.: 5.967 min
Delta R.T.: -0.010 min
Response: 1834843
Conc: 0.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



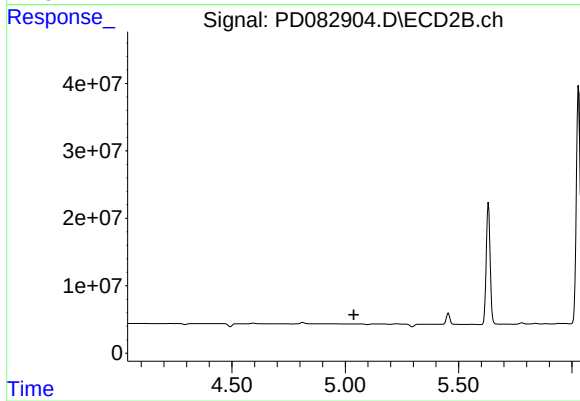
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 4.973 min
Response: 0
Conc: N.D.



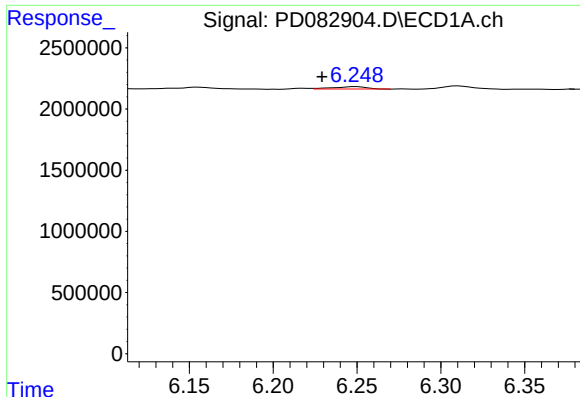
#11 alpha-Chlordane

R.T.: 6.048 min
Delta R.T.: -0.009 min
Response: 868456
Conc: 0.38 ng/ml



#11 alpha-Chlordane

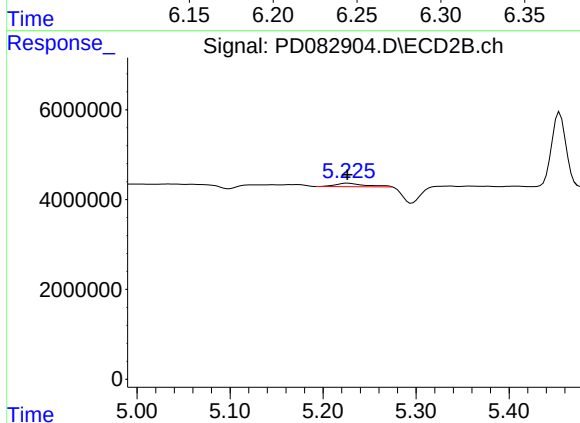
R.T.: 0.000 min
Exp R.T. : 5.038 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

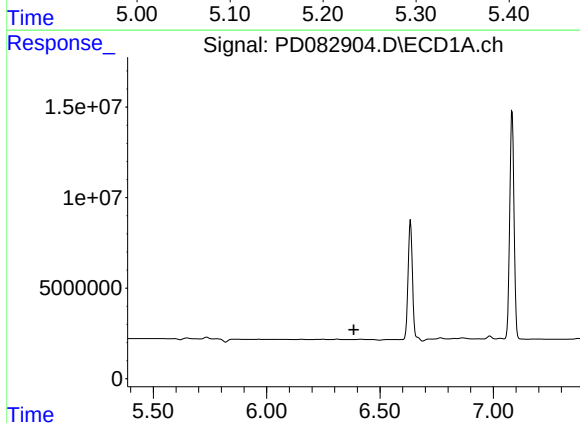
R.T.: 6.250 min
Delta R.T.: 0.020 min
Response: 274606
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



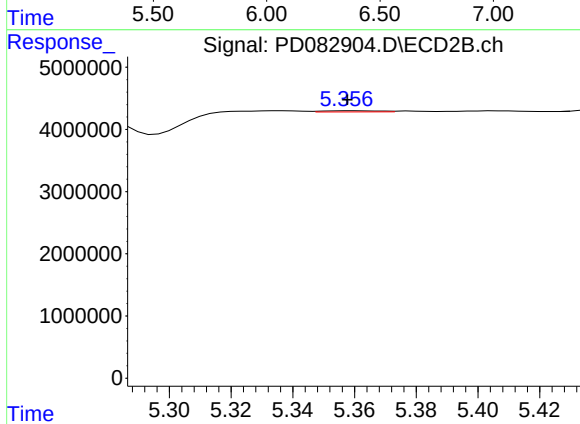
#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 1682152
Conc: 0.36 ng/ml



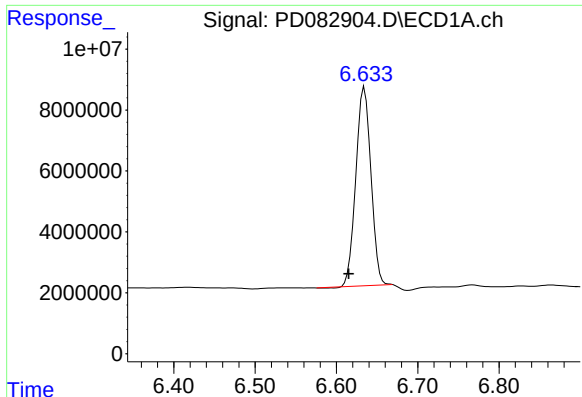
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.384 min
Response: 0
Conc: N.D.



#13 Dieldrin

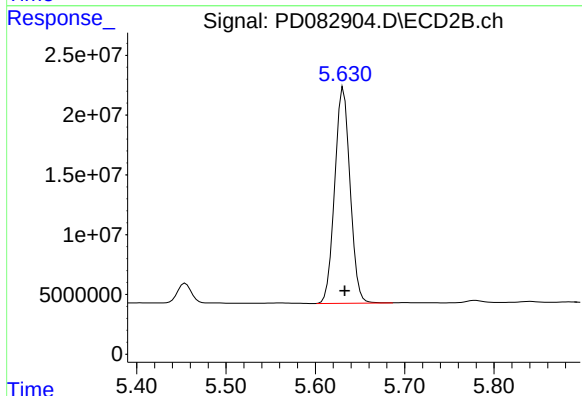
R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 236538
Conc: 0.05 ng/ml



#14 Endrin

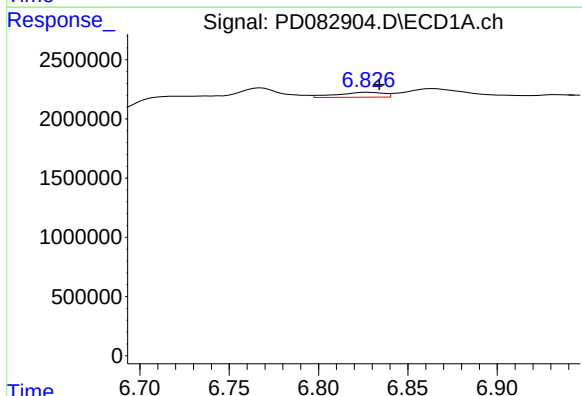
R.T.: 6.634 min
Delta R.T.: 0.019 min
Response: 84097011
Conc: 44.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



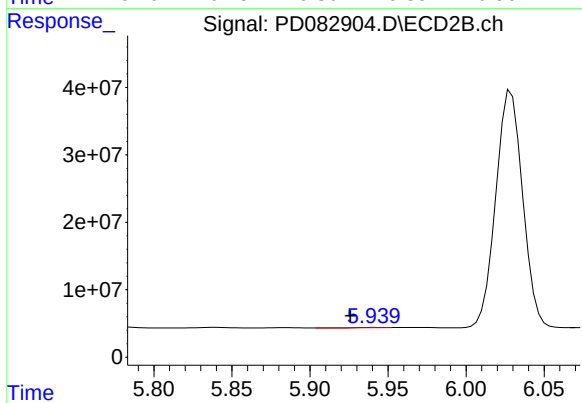
#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.001 min
Response: 215896647
Conc: 49.37 ng/ml



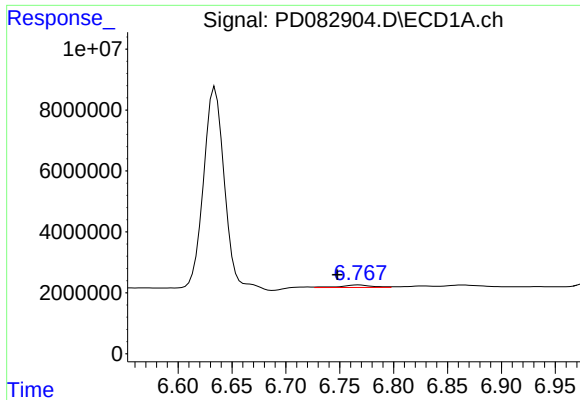
#15 Endosulfan II

R.T.: 6.828 min
Delta R.T.: -0.006 min
Response: 751519
Conc: 0.38 ng/ml



#15 Endosulfan II

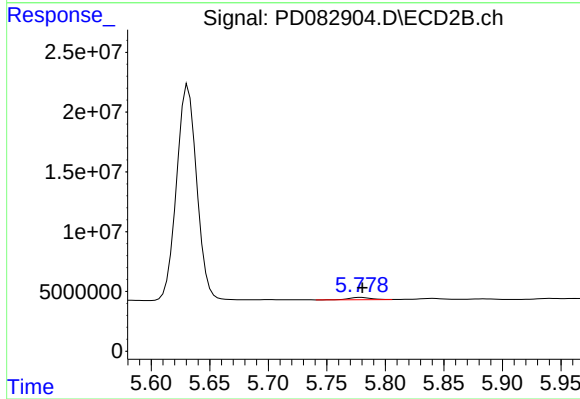
R.T.: 5.941 min
Delta R.T.: 0.015 min
Response: 226034
Conc: 0.05 ng/ml



#16 4,4'-DDD

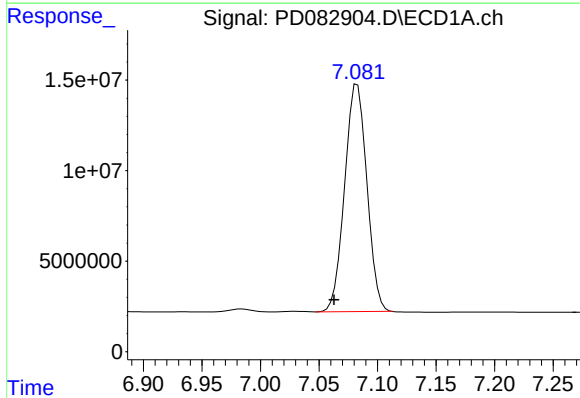
R.T.: 6.768 min
Delta R.T.: 0.020 min
Response: 1554595
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



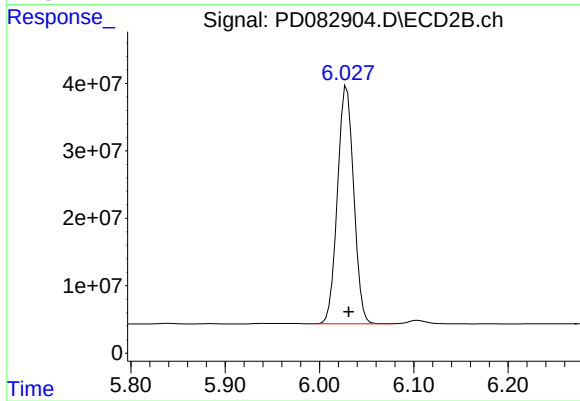
#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 2318983
Conc: 0.62 ng/ml



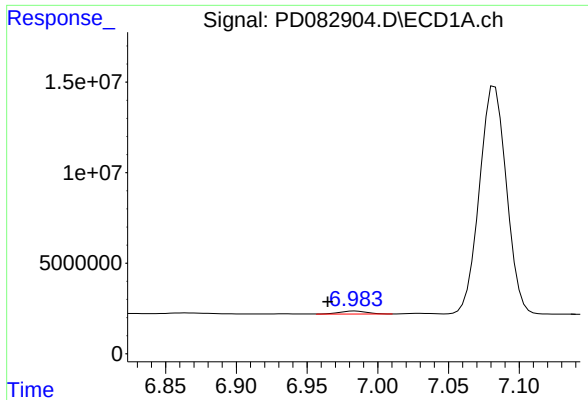
#17 4,4'-DDT

R.T.: 7.083 min
Delta R.T.: 0.020 min
Response: 166173914
Conc: 98.44 ng/ml



#17 4,4'-DDT

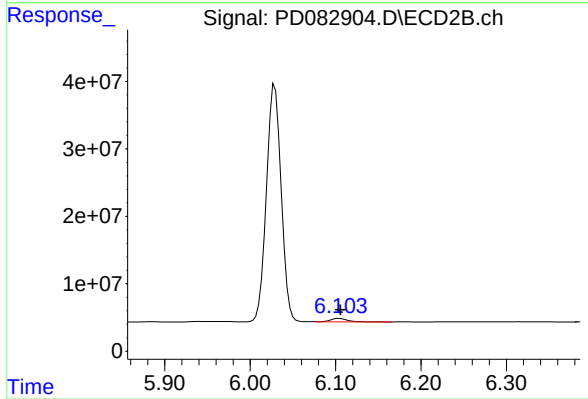
R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 422399806
Conc: 110.15 ng/ml



#18 Endrin aldehyde

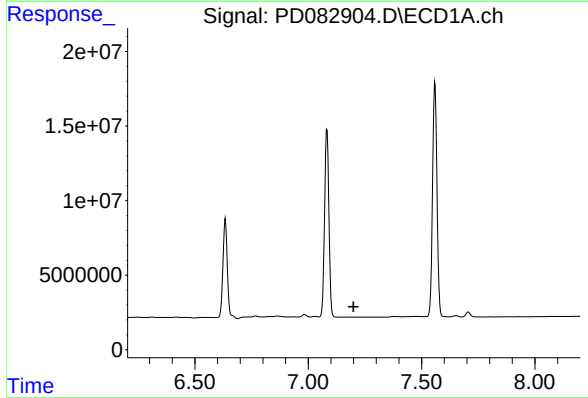
R.T.: 6.984 min
Delta R.T.: 0.020 min
Response: 2160368
Conc: 1.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



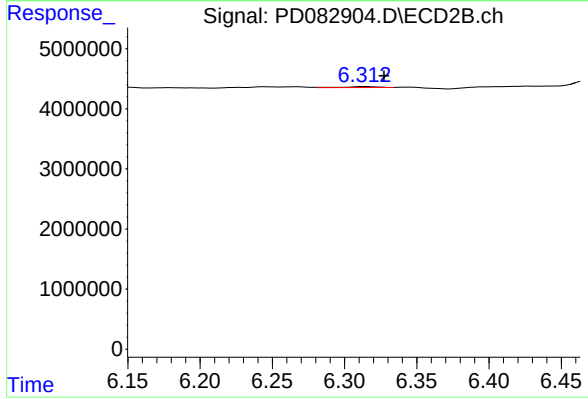
#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.001 min
Response: 7122952
Conc: 2.28 ng/ml



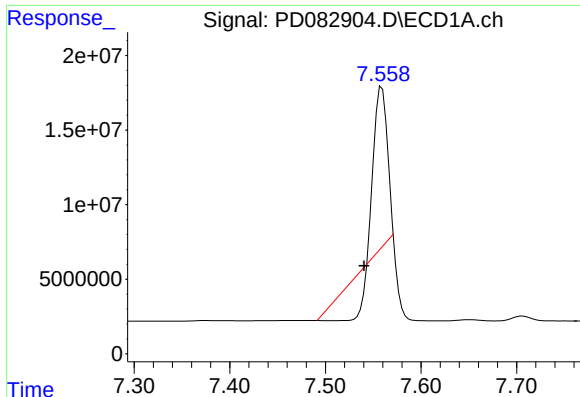
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.200 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

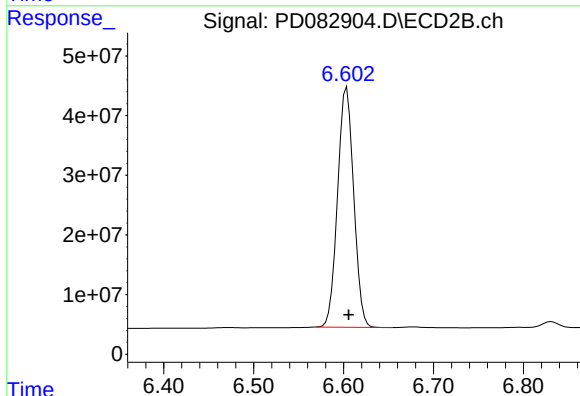
R.T.: 6.314 min
Delta R.T.: -0.013 min
Response: 255410
Conc: 0.06 ng/ml



#20 Methoxychlor

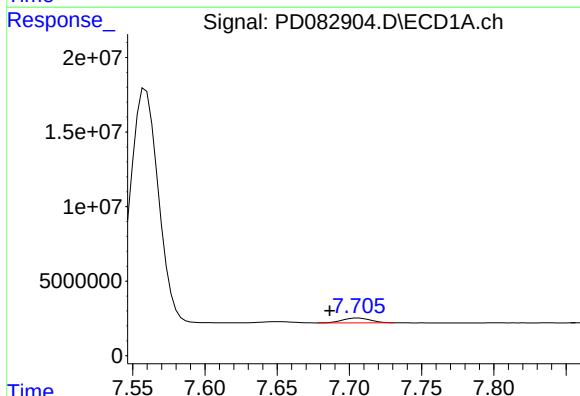
R.T.: 7.559 min
Delta R.T.: 0.019 min
Response: 61980355
Conc: 67.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



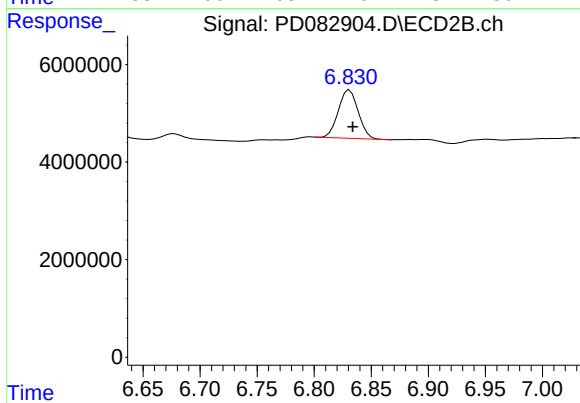
#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.002 min
Response: 500520369
Conc: 246.33 ng/ml



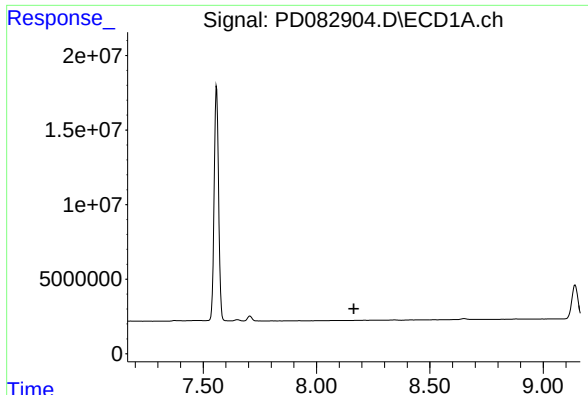
#21 Endrin ketone

R.T.: 7.706 min
Delta R.T.: 0.020 min
Response: 4177546
Conc: 2.17 ng/ml



#21 Endrin ketone

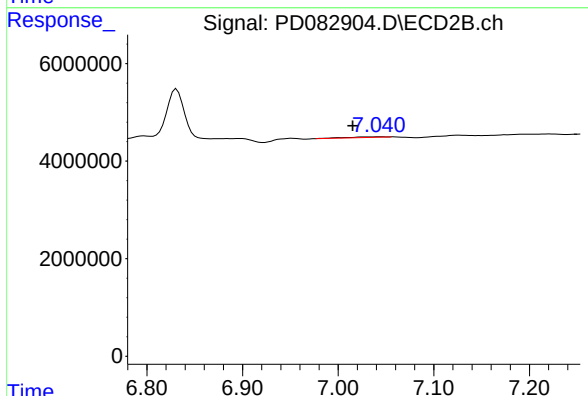
R.T.: 6.831 min
Delta R.T.: -0.003 min
Response: 12022410
Conc: 2.64 ng/ml



#22 Mirex

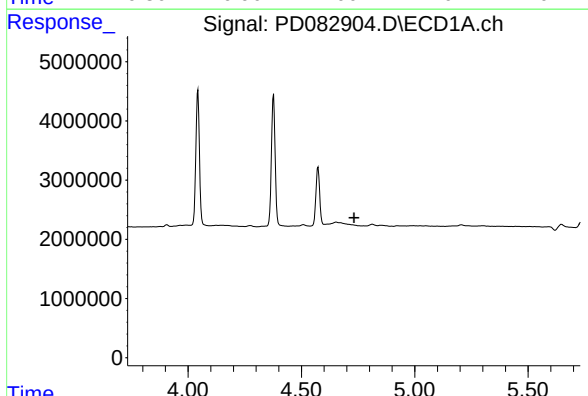
R.T.: 0.000 min
Exp R.T.: 8.164 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



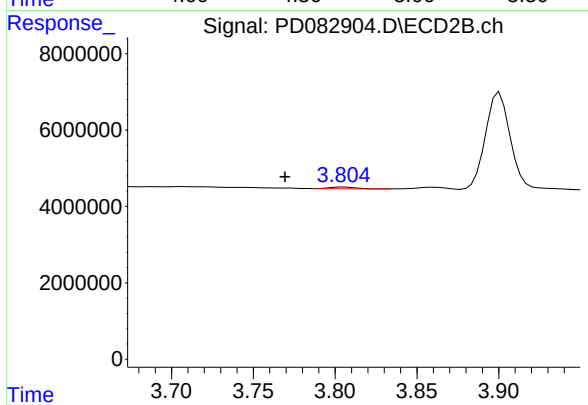
#22 Mirex

R.T.: 7.042 min
Delta R.T.: 0.027 min
Response: 382869
Conc: 0.11 ng/ml



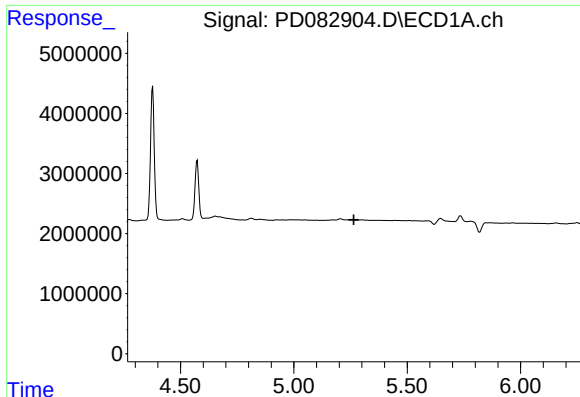
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.733 min
Response: 0
Conc: N.D.



#23 Chlordane-1

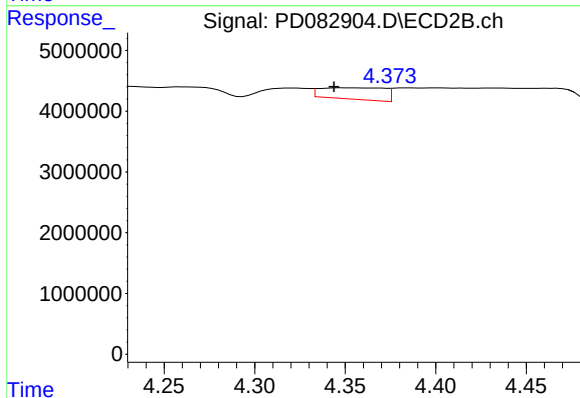
R.T.: 3.805 min
Delta R.T.: 0.035 min
Response: 551367
Conc: 3.01 ng/ml



#24 Chlordane-2

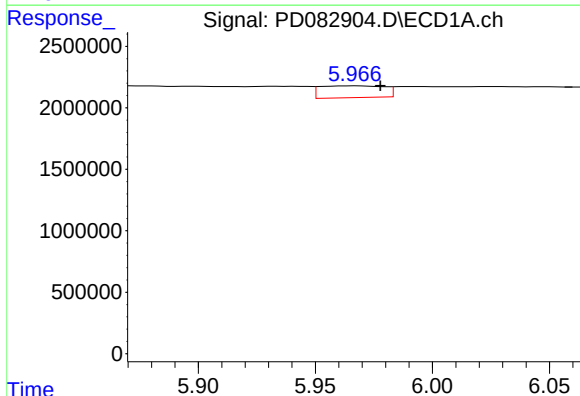
R.T.: 0.000 min
Exp R.T.: 5.265 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



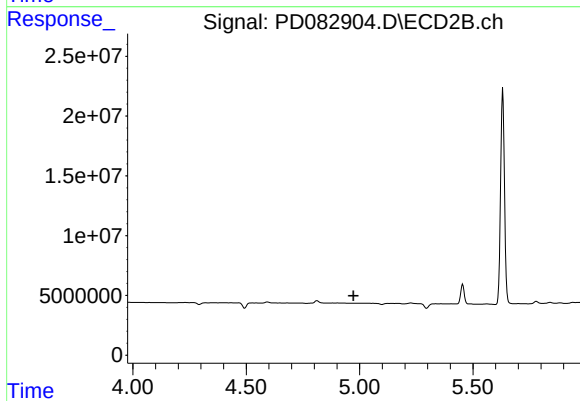
#24 Chlordane-2

R.T.: 4.349 min
Delta R.T.: 0.005 min
Response: 4633706
Conc: 21.87 ng/ml



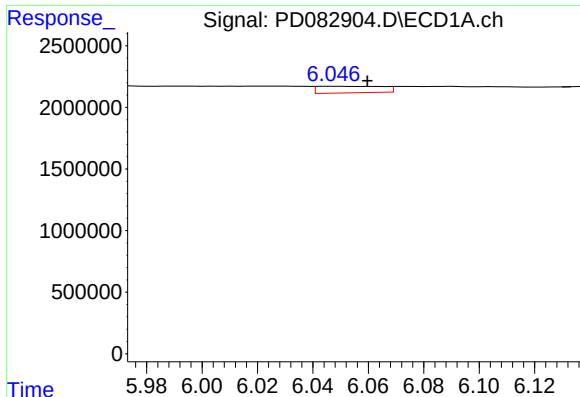
#25 Chlordane-3

R.T.: 5.967 min
Delta R.T.: -0.011 min
Response: 1834843
Conc: 4.66 ng/ml



#25 Chlordane-3

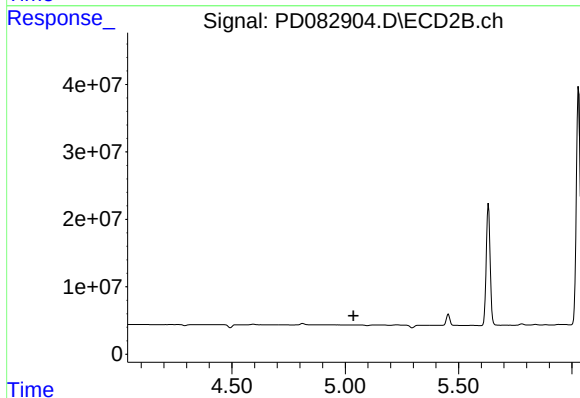
R.T.: 0.000 min
Exp R.T.: 4.973 min
Response: 0
Conc: N.D.



#26 Chlordane-4

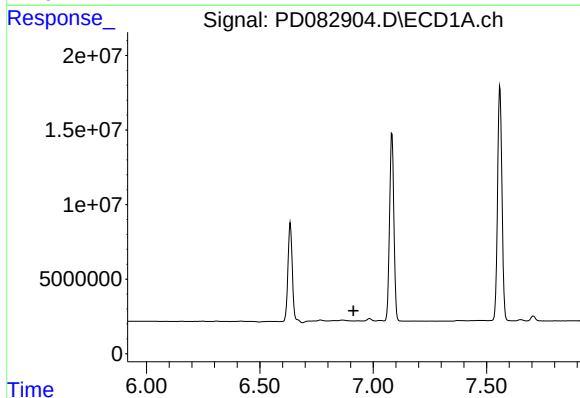
R.T.: 6.048 min
Delta R.T.: -0.012 min
Response: 868456
Conc: 1.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



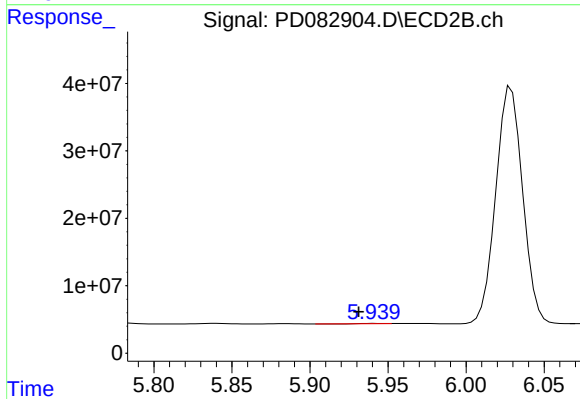
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.037 min
Response: 0
Conc: N.D.



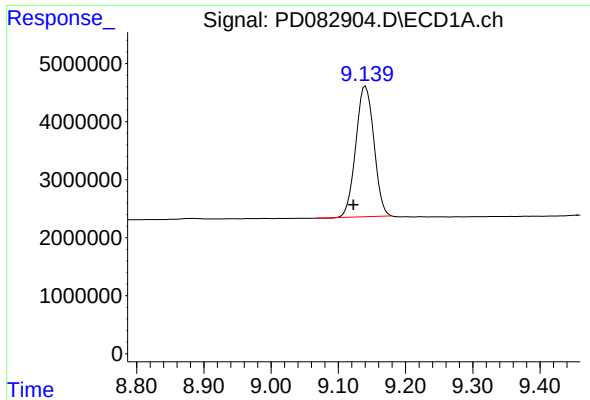
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.913 min
Response: 0
Conc: N.D.



#27 Chlordane-5

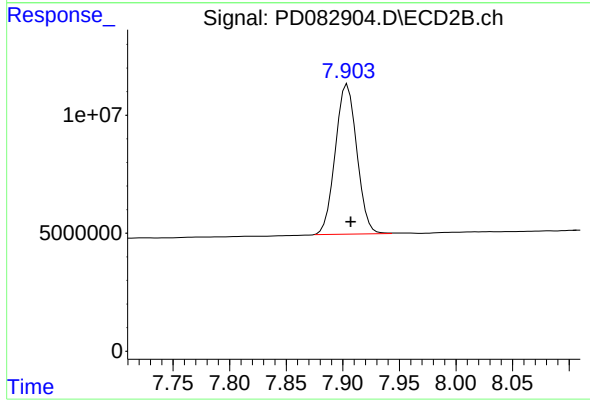
R.T.: 5.941 min
Delta R.T.: 0.009 min
Response: 226034
Conc: 1.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.140 min
Delta R.T.: 0.018 min
Response: 42143269
Conc: 21.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 84062026
Conc: 21.75 ng/ml