

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030322\
 Data File : PD068282.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Mar 2022 12:06
 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: Mar 03 00:27:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 06:48:49 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...	3.451	4.177	23860238	200.2E6	20.354	20.862
28)	SA Decachlor...	8.216	9.374	24834993	125.3E6	21.341	21.136
Target Compounds							
2)	A alpha-BHC	3.891	4.573	16373902	147.9E6	9.542	10.781
3)	MA gamma-BHC...	4.174	4.863	15430620	134.2E6	9.690	10.826
4)	MA Heptachlor	0.000	5.420f	0	79748	N.D.	0.007 #
5)	MB Aldrin	4.720	0.000	101334	0	0.065	N.D. #
6)	B beta-BHC	4.425	5.026	7850150	64448619	11.188	11.923
7)	B delta-BHC	0.000	5.232f	0	2017139	N.D.	0.162 #
8)	B Heptachlo...	0.000	6.072f	0	7792911	N.D.	0.727 #
9)	A Endosulfan I	0.000	6.447	0	353020	N.D.	0.037 #
10)	B gamma-Chl...	0.000	6.321	0	1052675	N.D.	0.100 #
11)	B alpha-Chl...	0.000	6.408	0	1868976	N.D.	0.181 #
12)	B 4,4'-DDE	5.619	6.553	862624	6711829	0.632	0.687
13)	MA Dieldrin	0.000	6.713	0	2254034	N.D.	0.219 #
14)	MA Endrin	6.008	6.934	60494025	370.8E6	48.970	48.216
15)	B Endosulfa...	6.287	7.137	926024	8380307	0.728	1.020 #
16)	A 4,4'-DDD	6.136	7.045	4931554	36231325	4.158	4.604
17)	MA 4,4'-DDT	6.377	7.348	110.7E6	617.0E6	100.415	87.197
18)	B Endrin al...	6.452	7.262	2403194	16907468	2.622	2.810
19)	B Endosulfa...	6.649	0.000	129479	0	0.103	N.D. #
20)	A Methoxychlor	6.928	7.801	143.6E6	702.5E6	221.322	202.177
21)	B Endrin ke...	7.158	7.962	4369518	26609708	2.968	3.170
22)	Mirex	7.365f	8.422	162293	1105728	0.128	0.173 #
25)	Chlordane-3	0.000	6.321	0	1052675	N.D.	0.740 #
26)	Chlordane-4	0.000	6.408	0	1868976	N.D.	1.160 #
27)	Chlordane-5	6.287	0.000	926024	0	18.800	N.D. #

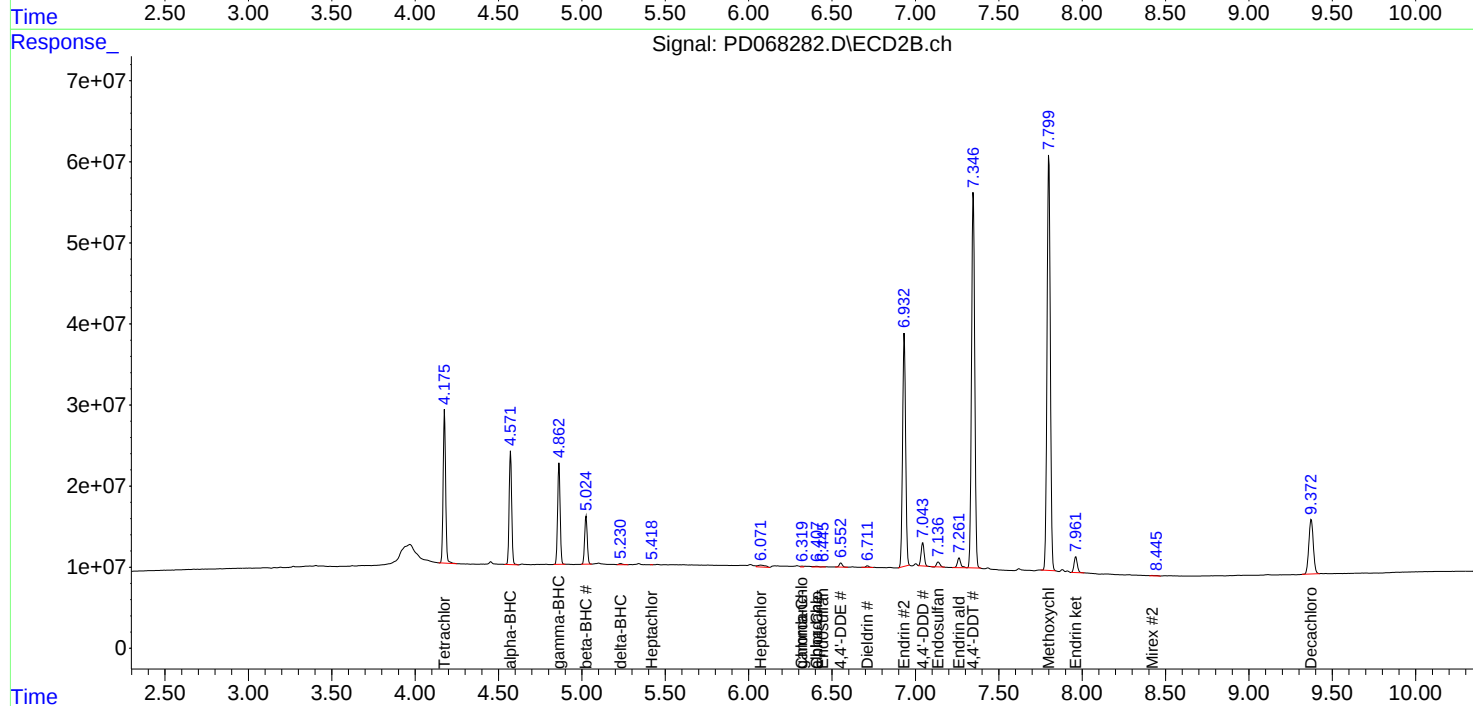
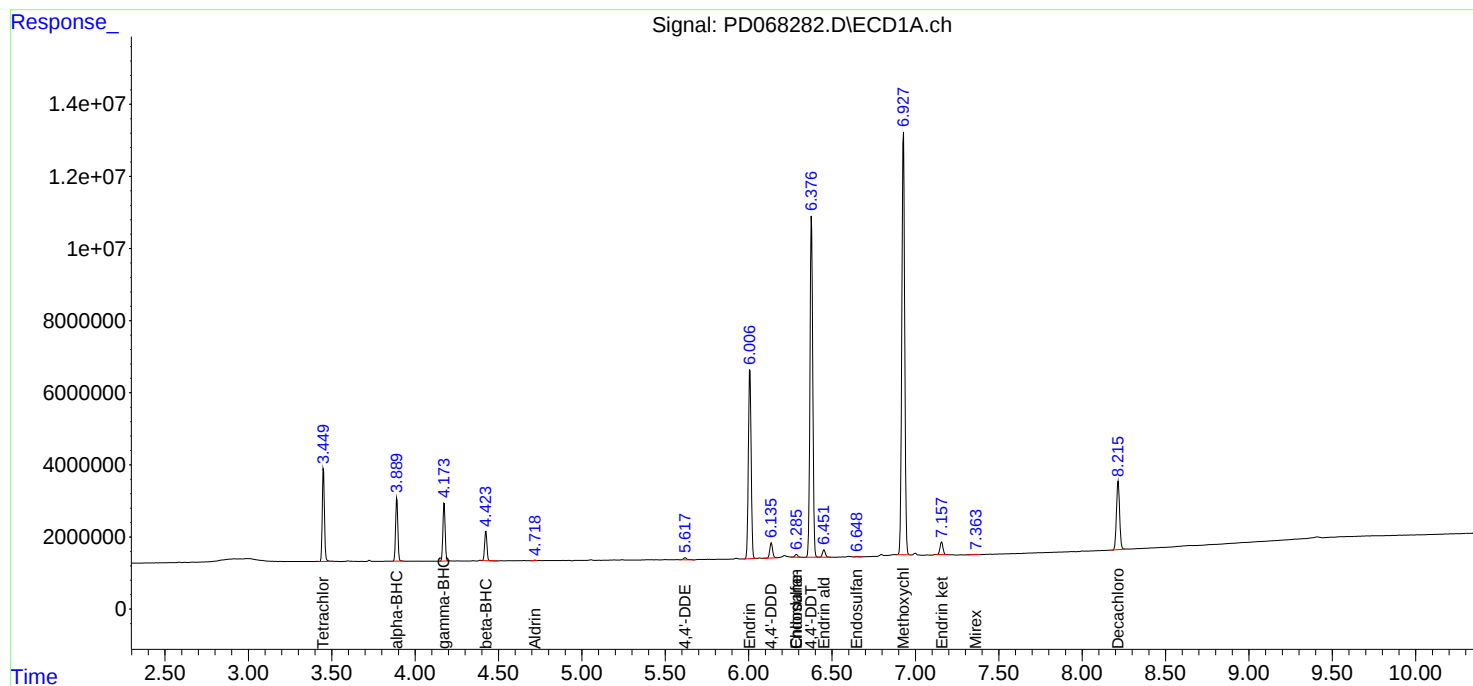
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

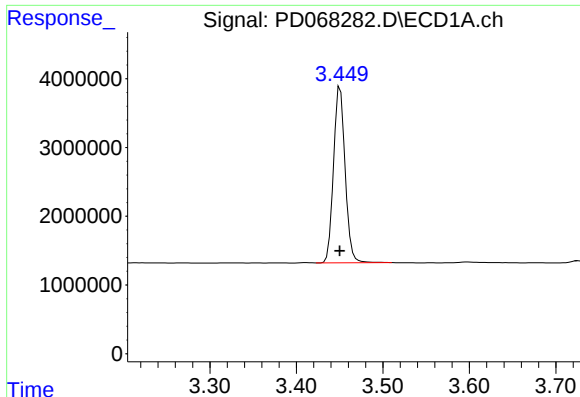
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030322\
Data File : PD068282.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Mar 2022 12:06
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 03 00:27:33 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
Quant Title : GC Extractables
QLast Update : Tue Mar 01 06:48:49 2022
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Volume Inj. : 2 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

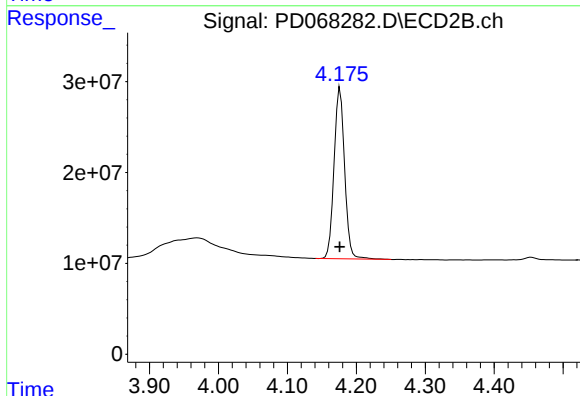




#1 Tetrachloro-m-xylene

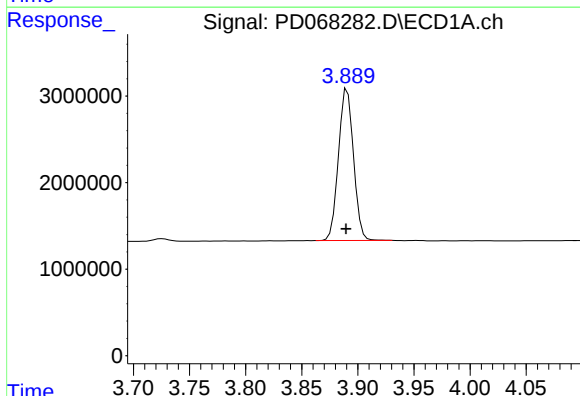
R.T.: 3.451 min
Delta R.T.: 0.000 min
Response: 23860238
Conc: 20.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



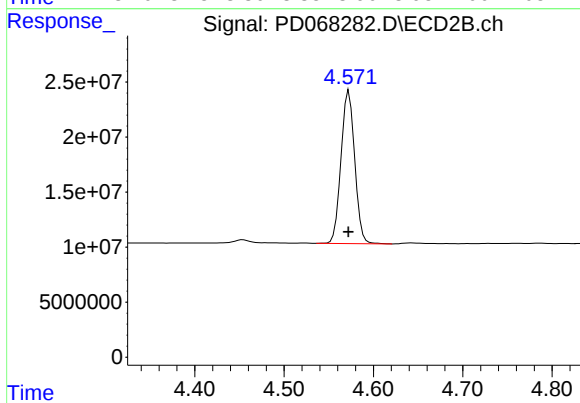
#1 Tetrachloro-m-xylene

R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 200236055
Conc: 20.86 ng/ml



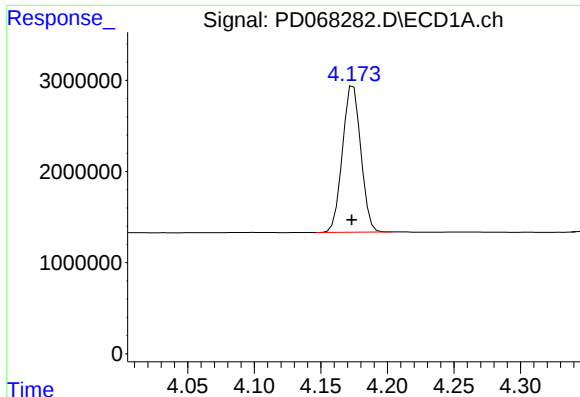
#2 alpha-BHC

R.T.: 3.891 min
Delta R.T.: 0.001 min
Response: 16373902
Conc: 9.54 ng/ml



#2 alpha-BHC

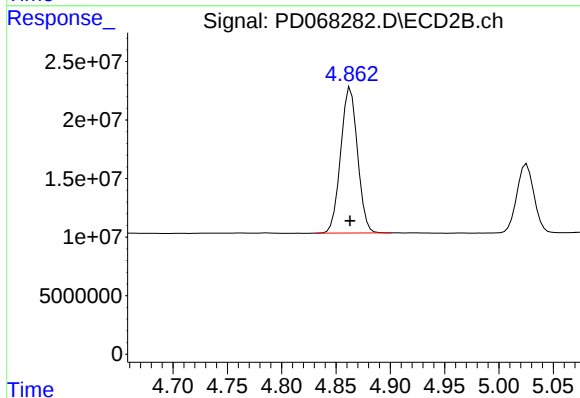
R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 147932519
Conc: 10.78 ng/ml



#3 gamma-BHC (Lindane)

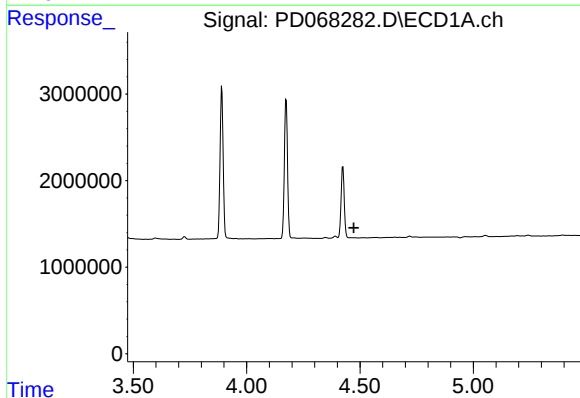
R.T.: 4.174 min
Delta R.T.: 0.001 min
Response: 15430620
Conc: 9.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



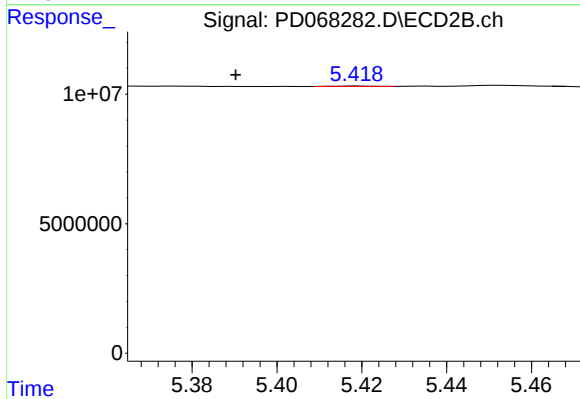
#3 gamma-BHC (Lindane)

R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 134234335
Conc: 10.83 ng/ml



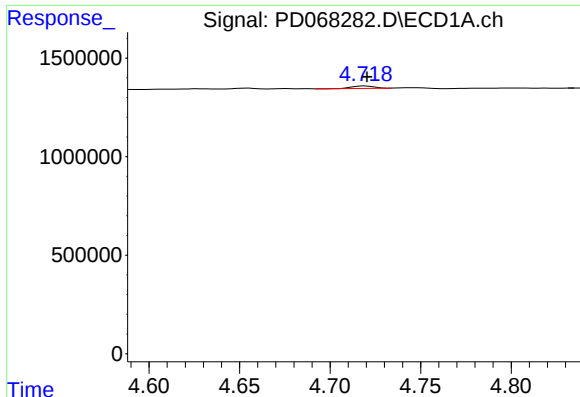
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.472 min
Response: 0
Conc: N.D.



#4 Heptachlor

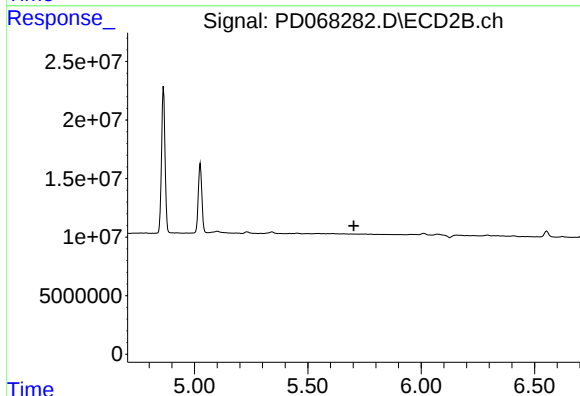
R.T.: 5.420 min
Delta R.T.: 0.029 min
Response: 79748
Conc: 0.01 ng/ml



#5 Aldrin

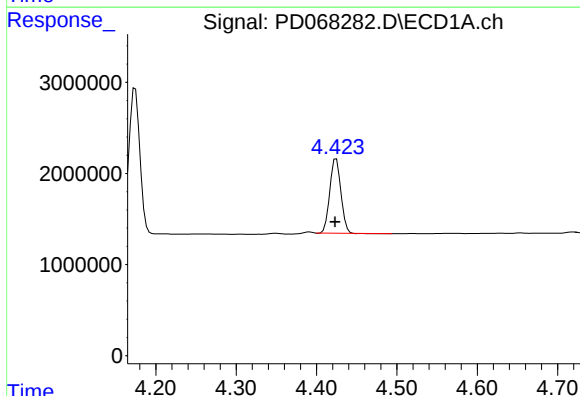
R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 101334
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



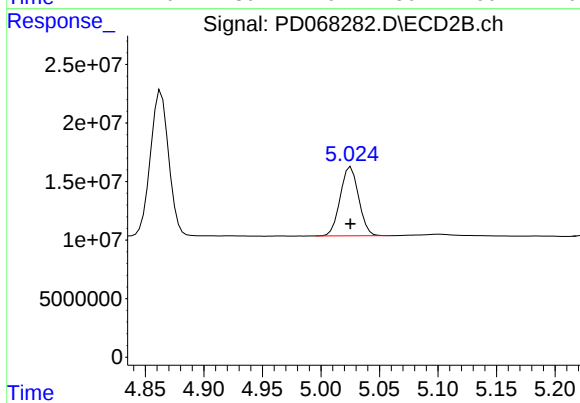
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.703 min
Response: 0
Conc: N.D.



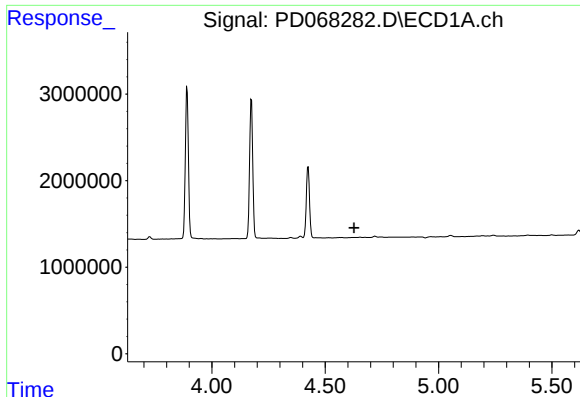
#6 beta-BHC

R.T.: 4.425 min
Delta R.T.: 0.001 min
Response: 7850150
Conc: 11.19 ng/ml



#6 beta-BHC

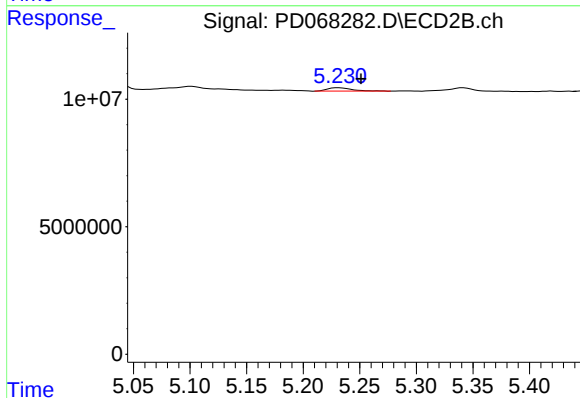
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 64448619
Conc: 11.92 ng/ml



#7 delta-BHC

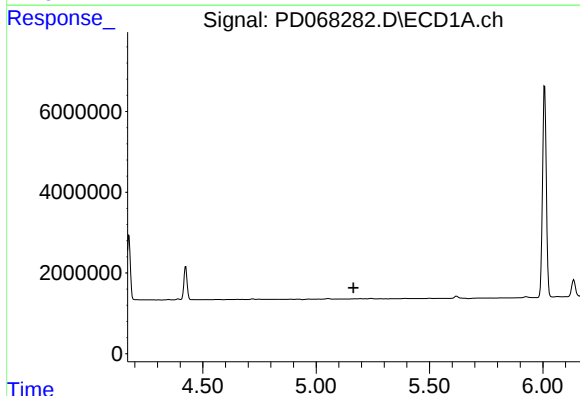
R.T.: 0.000 min
Exp R.T.: 4.628 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



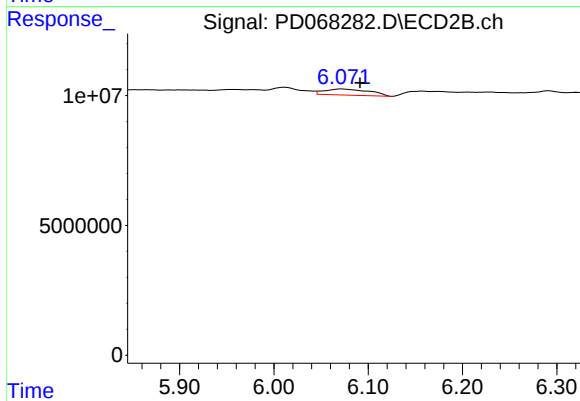
#7 delta-BHC

R.T.: 5.232 min
Delta R.T.: -0.019 min
Response: 2017139
Conc: 0.16 ng/ml



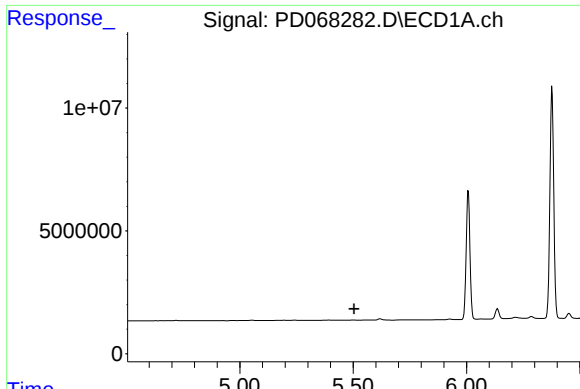
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T.: 5.165 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

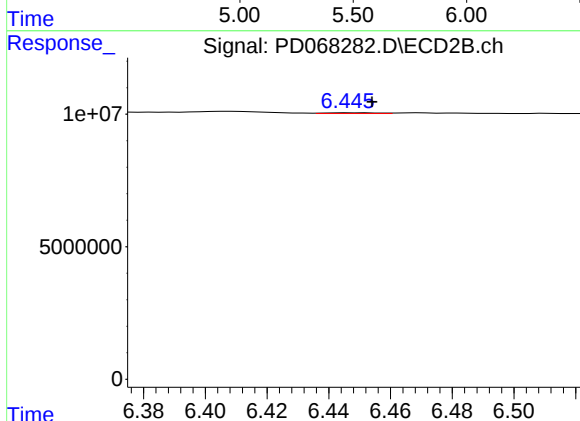
R.T.: 6.072 min
Delta R.T.: -0.019 min
Response: 7792911
Conc: 0.73 ng/ml



#9 Endosulfan I

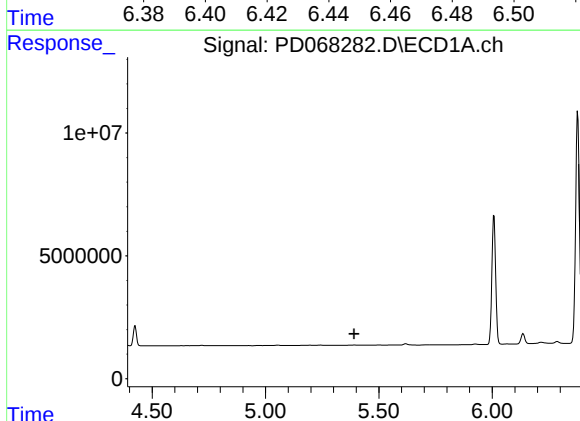
R.T.: 0.000 min
Exp R.T.: 5.504 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



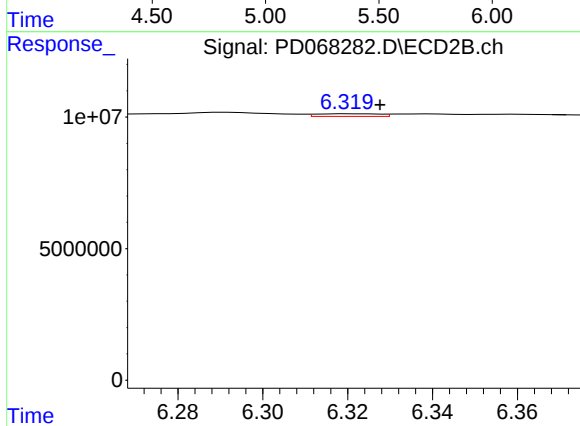
#9 Endosulfan I

R.T.: 6.447 min
Delta R.T.: -0.008 min
Response: 353020
Conc: 0.04 ng/ml



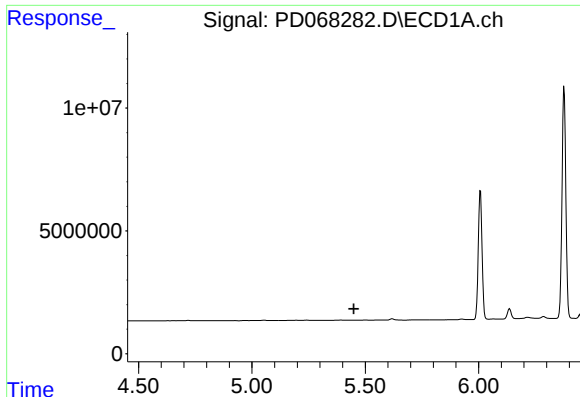
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.391 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

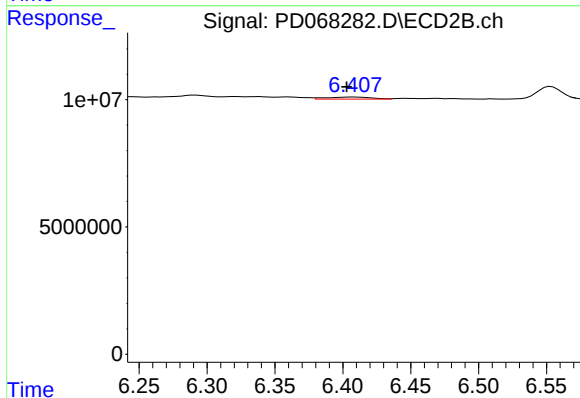
R.T.: 6.321 min
Delta R.T.: -0.007 min
Response: 1052675
Conc: 0.10 ng/ml



#11 alpha-Chlordane

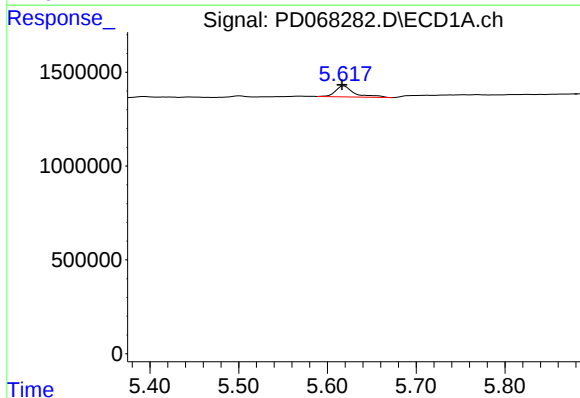
R.T.: 0.000 min
Exp R.T.: 5.450 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



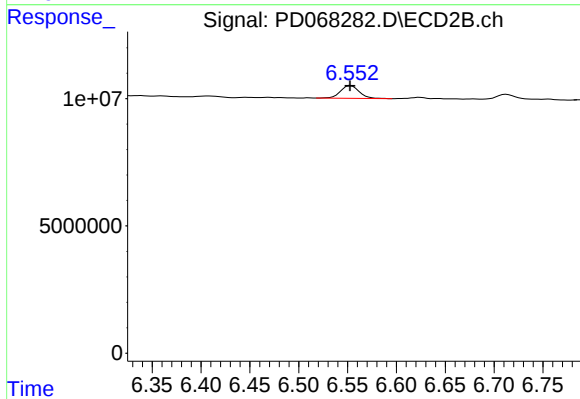
#11 alpha-Chlordane

R.T.: 6.408 min
Delta R.T.: 0.006 min
Response: 1868976
Conc: 0.18 ng/ml



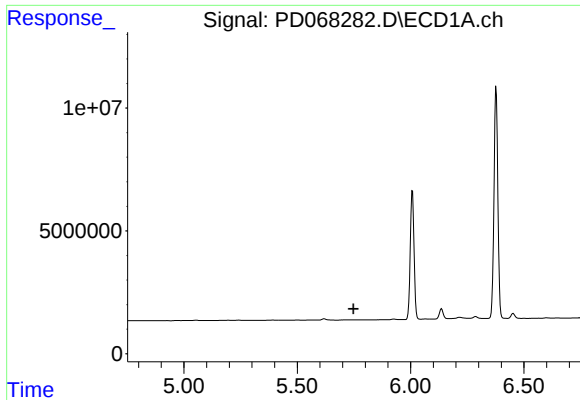
#12 4,4'-DDE

R.T.: 5.619 min
Delta R.T.: 0.002 min
Response: 862624
Conc: 0.63 ng/ml



#12 4,4'-DDE

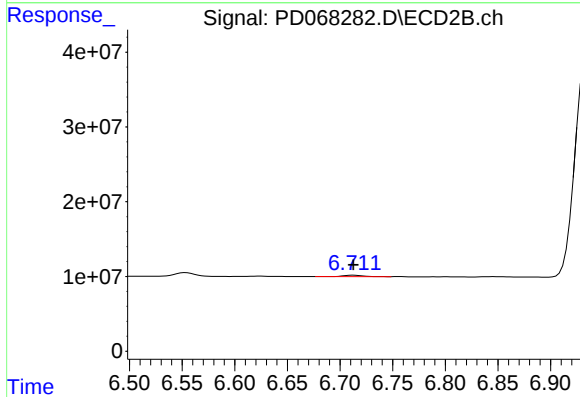
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 6711829
Conc: 0.69 ng/ml



#13 Dieldrin

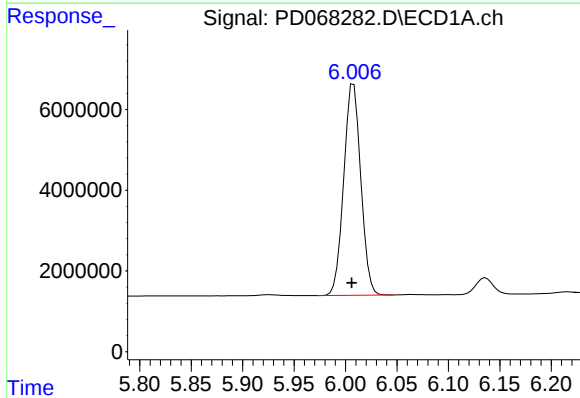
R.T.: 0.000 min
Exp R.T.: 5.748 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



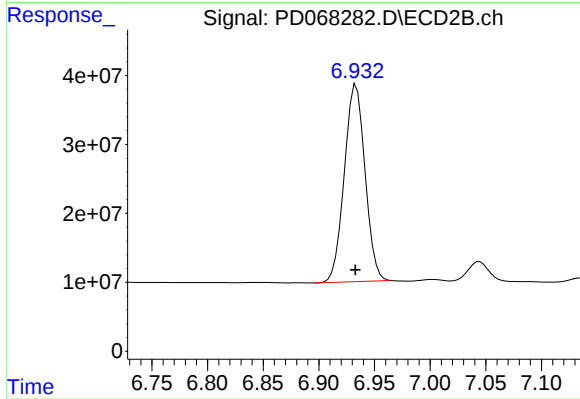
#13 Dieldrin

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 2254034
Conc: 0.22 ng/ml



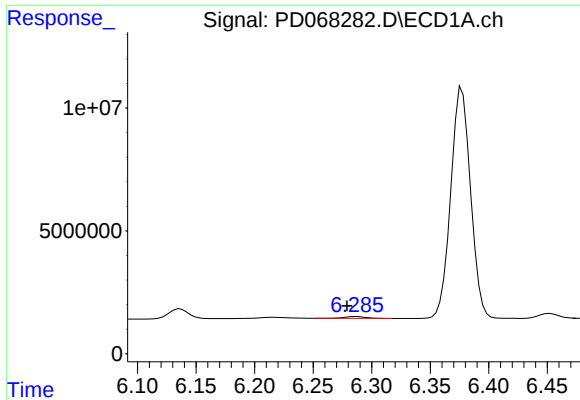
#14 Endrin

R.T.: 6.008 min
Delta R.T.: 0.002 min
Response: 60494025
Conc: 48.97 ng/ml



#14 Endrin

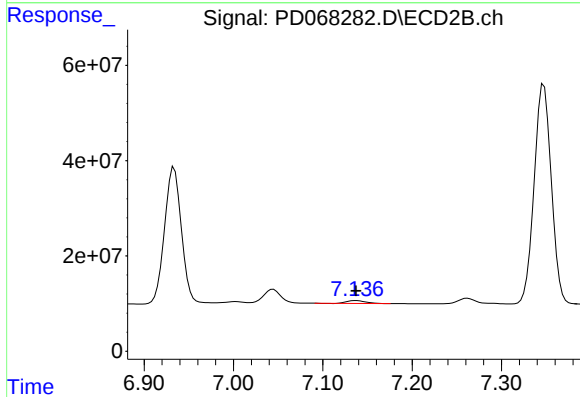
R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 370804148
Conc: 48.22 ng/ml



#15 Endosulfan II

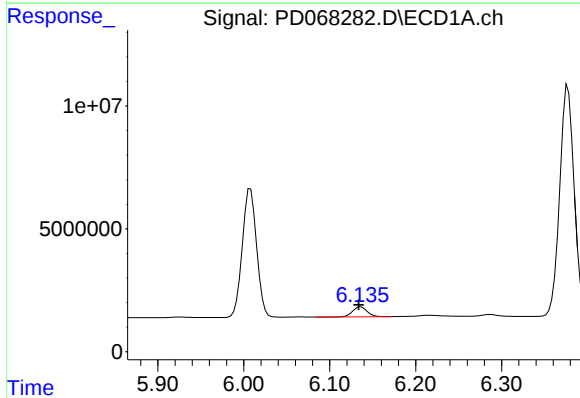
R.T.: 6.287 min
Delta R.T.: 0.008 min
Response: 926024
Conc: 0.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



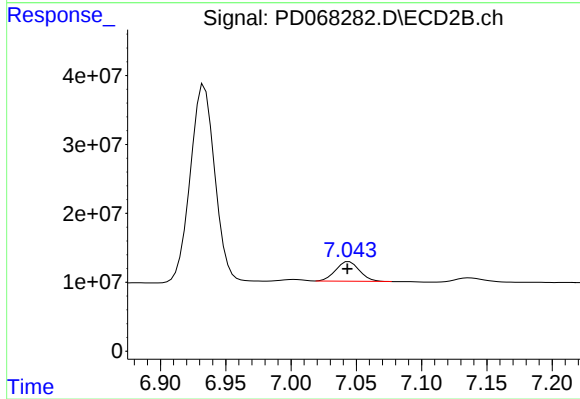
#15 Endosulfan II

R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 8380307
Conc: 1.02 ng/ml



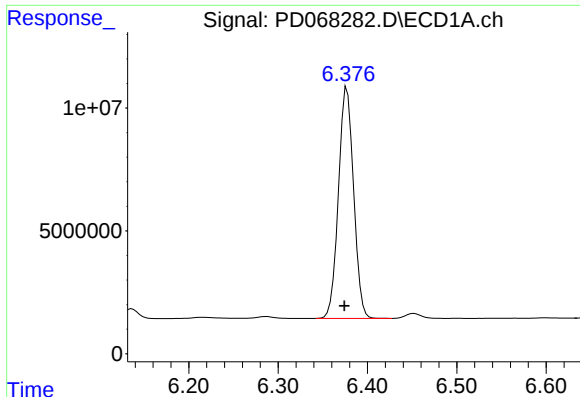
#16 4,4'-DDD

R.T.: 6.136 min
Delta R.T.: 0.003 min
Response: 4931554
Conc: 4.16 ng/ml



#16 4,4'-DDD

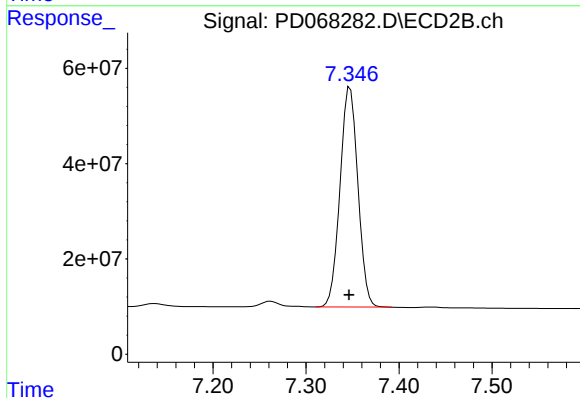
R.T.: 7.045 min
Delta R.T.: 0.001 min
Response: 36231325
Conc: 4.60 ng/ml



#17 4,4'-DDT

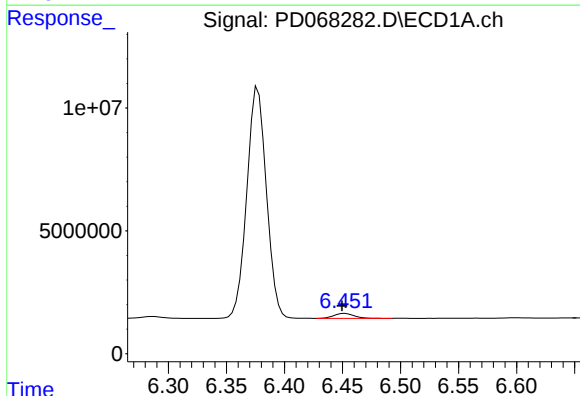
R.T.: 6.377 min
Delta R.T.: 0.003 min
Response: 110734574
Conc: 100.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



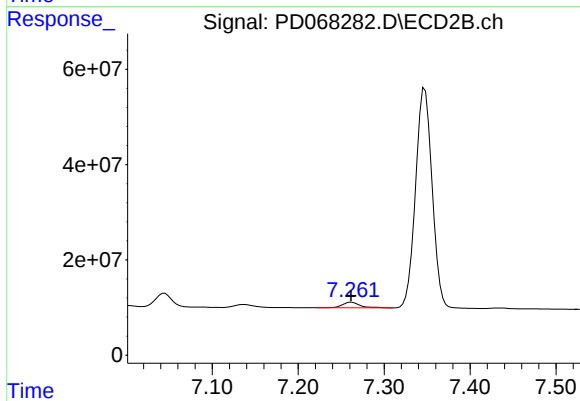
#17 4,4'-DDT

R.T.: 7.348 min
Delta R.T.: 0.001 min
Response: 616960857
Conc: 87.20 ng/ml



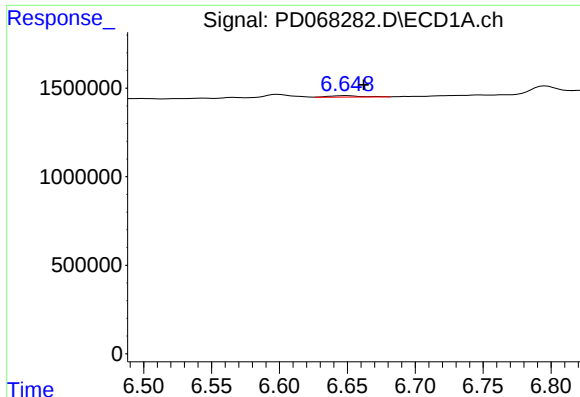
#18 Endrin aldehyde

R.T.: 6.452 min
Delta R.T.: 0.002 min
Response: 2403194
Conc: 2.62 ng/ml



#18 Endrin aldehyde

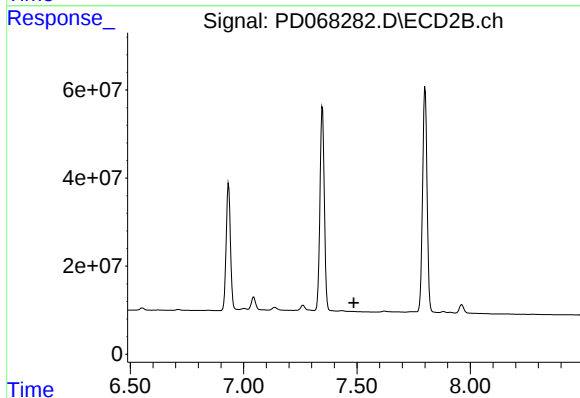
R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 16907468
Conc: 2.81 ng/ml



#19 Endosulfan Sulfate

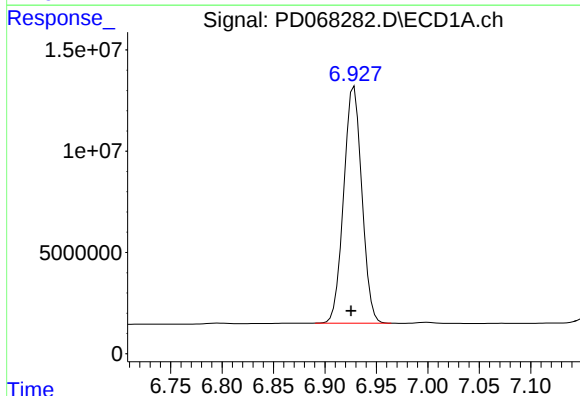
R.T.: 6.649 min
Delta R.T.: -0.013 min
Response: 129479
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



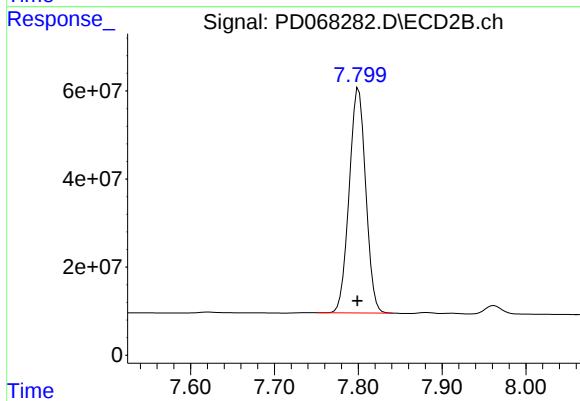
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.486 min
Response: 0
Conc: N.D.



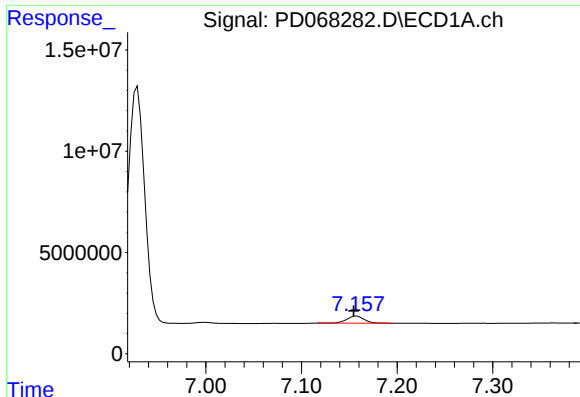
#20 Methoxychlor

R.T.: 6.928 min
Delta R.T.: 0.003 min
Response: 143615080
Conc: 221.32 ng/ml



#20 Methoxychlor

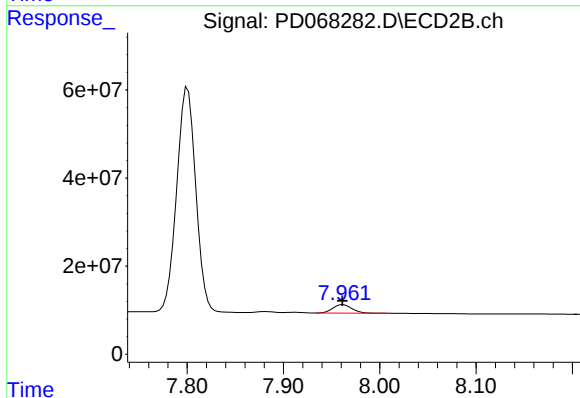
R.T.: 7.801 min
Delta R.T.: 0.002 min
Response: 702452213
Conc: 202.18 ng/ml



#21 Endrin ketone

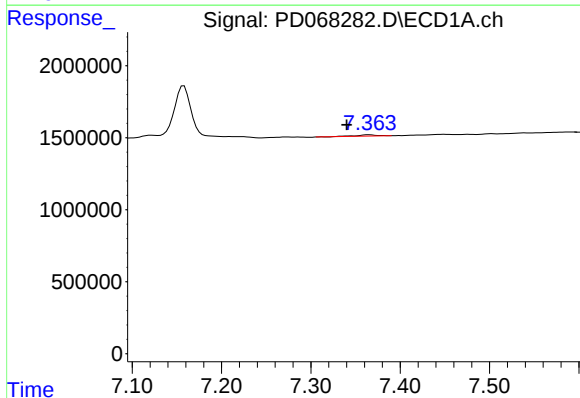
R.T.: 7.158 min
Delta R.T.: 0.003 min
Response: 4369518
Conc: 2.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



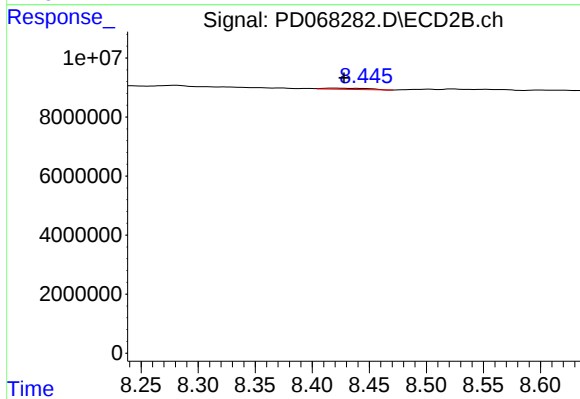
#21 Endrin ketone

R.T.: 7.962 min
Delta R.T.: 0.000 min
Response: 26609708
Conc: 3.17 ng/ml



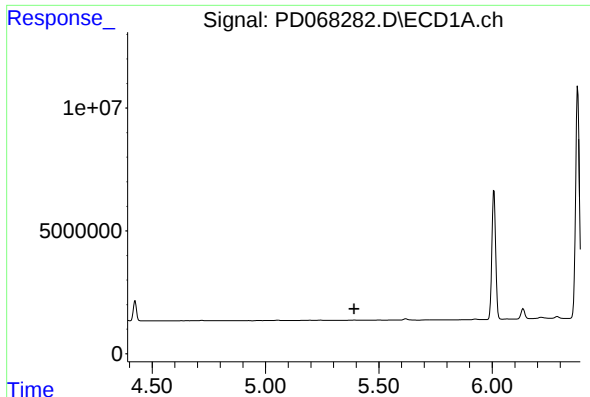
#22 Mirex

R.T.: 7.365 min
Delta R.T.: 0.024 min
Response: 162293
Conc: 0.13 ng/ml



#22 Mirex

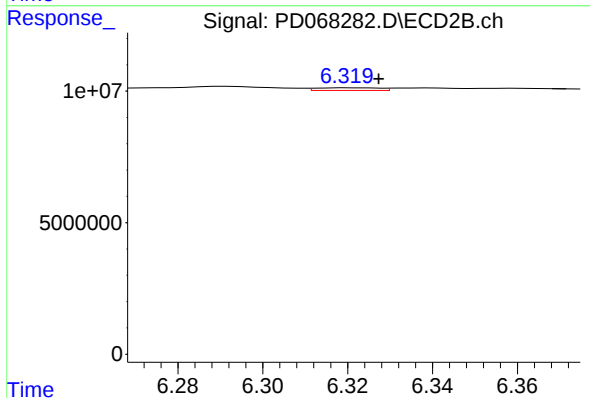
R.T.: 8.422 min
Delta R.T.: -0.006 min
Response: 1105728
Conc: 0.17 ng/ml



#25 Chlordane-3

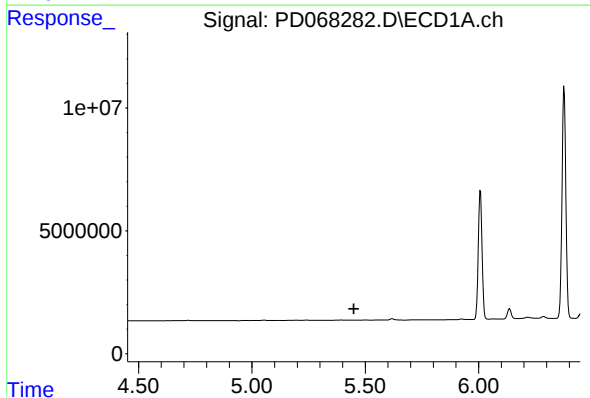
R.T.: 0.000 min
Exp R.T.: 5.391 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



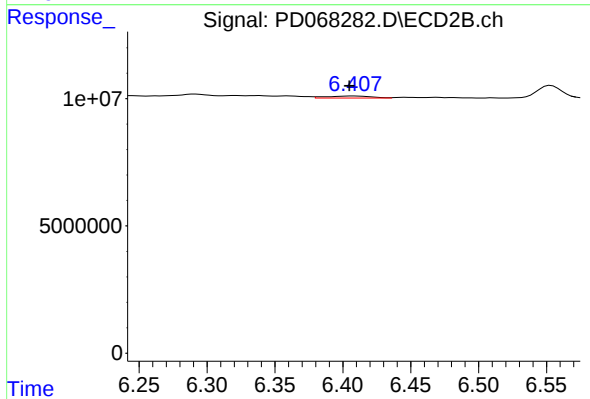
#25 Chlordane-3

R.T.: 6.321 min
Delta R.T.: -0.007 min
Response: 1052675
Conc: 0.74 ng/ml



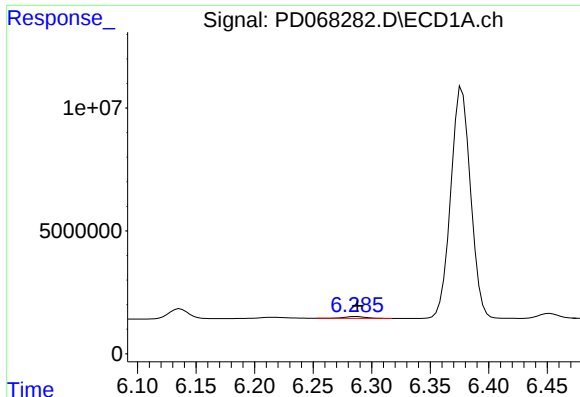
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 5.449 min
Response: 0
Conc: N.D.



#26 Chlordane-4

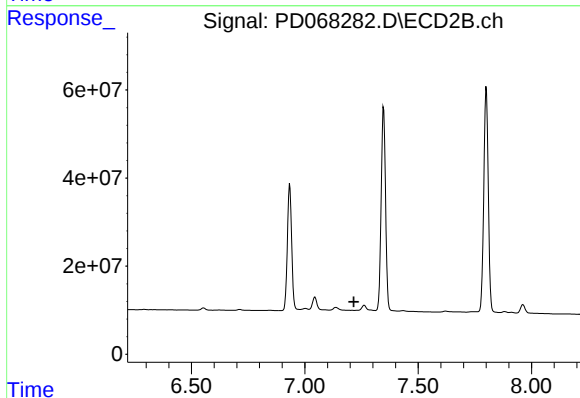
R.T.: 6.408 min
Delta R.T.: 0.004 min
Response: 1868976
Conc: 1.16 ng/ml



#27 Chlordane-5

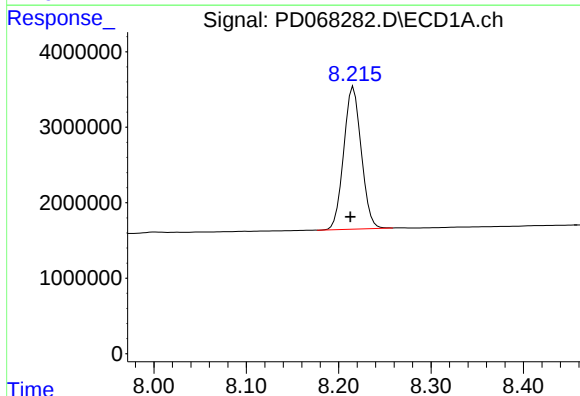
R.T.: 6.287 min
Delta R.T.: -0.001 min
Response: 926024
Conc: 18.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



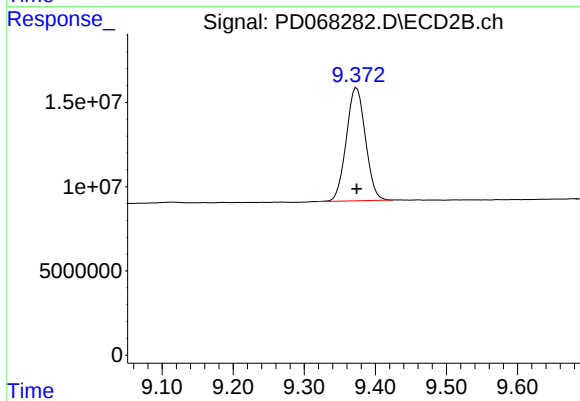
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.216 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.216 min
Delta R.T.: 0.003 min
Response: 24834993
Conc: 21.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.374 min
Delta R.T.: 0.000 min
Response: 125311595
Conc: 21.14 ng/ml