

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112221\
 Data File : PD067051.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2021 11:02
 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: Nov 23 04:53:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 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...	3.437	3.967	38048773	204.8E6	20.392	25.305
28)	SA Decachlor...	8.162	9.028	20776640	117.0E6	17.982	21.719
Target Compounds							
2)	A alpha-BHC	3.874	4.360	29092359	137.5E6	9.516	12.467 #
3)	MA gamma-BHC...	4.155	4.645	29271441	116.7E6	9.693	11.712
4)	MA Heptachlor	0.000	5.153	0	743583	N.D.	0.076 #
5)	MB Aldrin	0.000	5.453	0	180971	N.D.	0.020 #
6)	B beta-BHC	4.404	4.823	14064305	56815816	11.259	12.202
11)	B alpha-Chl...	0.000	6.164f	0	1569667	N.D.	0.189 #
12)	B 4,4'-DDE	0.000	6.305	0	2002485	N.D.	0.254 #
14)	MA Endrin	5.969	6.673	110.9E6	358.3E6	52.998	52.060
15)	B Endosulfa...	6.249	6.888	1700205	2298781	0.855	0.326 #
16)	A 4,4'-DDD	0.000	6.800	0	4082570	N.D.	0.601 #
17)	MA 4,4'-DDT	6.334	7.097	193.7E6	638.6E6	100.694	88.052
18)	B Endrin al...	0.000	7.015	0	1569573	N.D.	0.276 #
20)	A Methoxychlor	6.881	7.559	220.3E6	770.1E6	213.369	189.038
21)	B Endrin ke...	7.113	7.708	2395228	8792019	1.098	1.045
22)	Mirex	0.000	8.150	0	1882038	N.D.	0.318 #
23)	Chlordane-1	4.328f	0.000	3014357	0	40.736	N.D. #
24)	Chlordane-2	0.000	5.453f	0	180971	N.D.	0.610 #
26)	Chlordane-4	0.000	6.164f	0	1569667	N.D.	1.246 #
27)	Chlordane-5	6.249	0.000	1700205	0	20.104	N.D. #

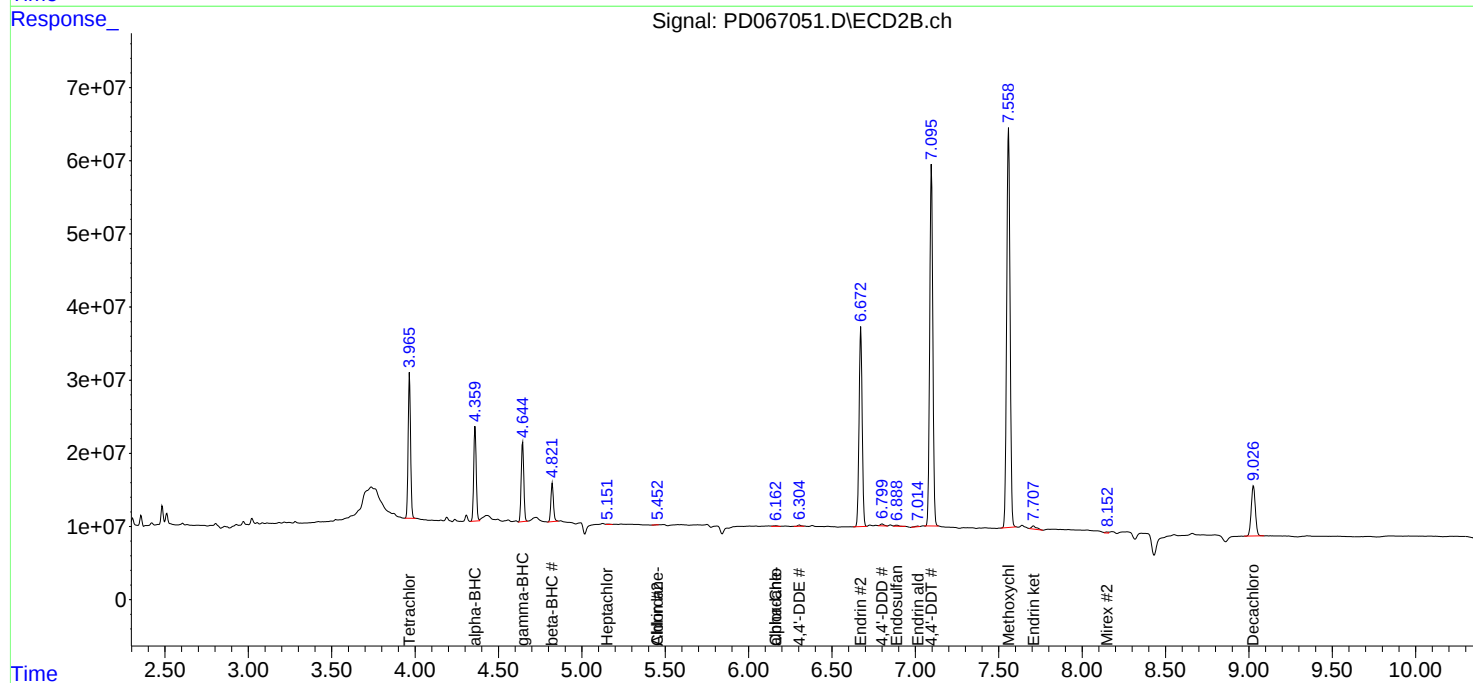
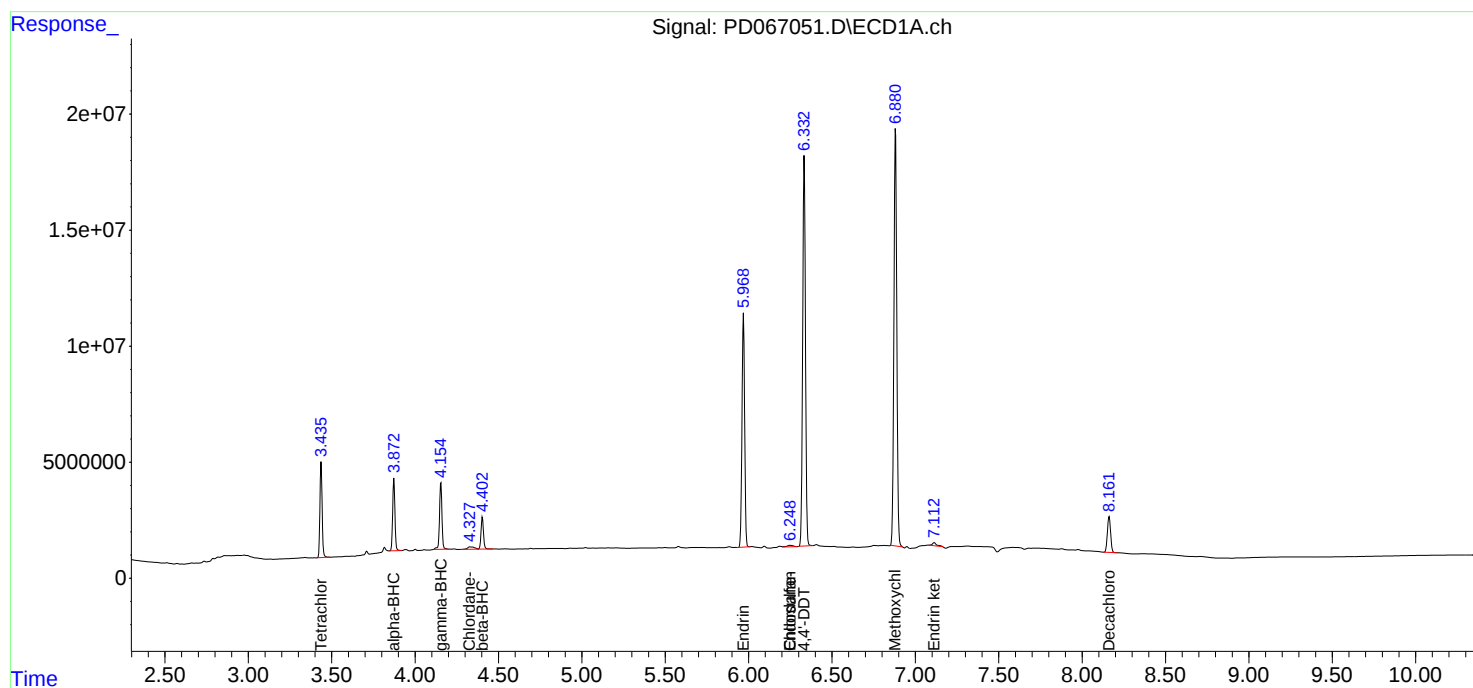
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

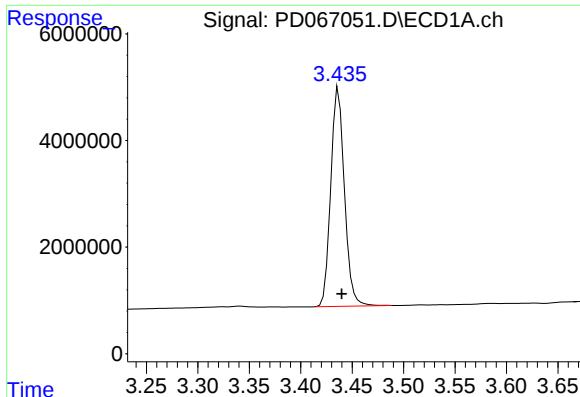
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112221\
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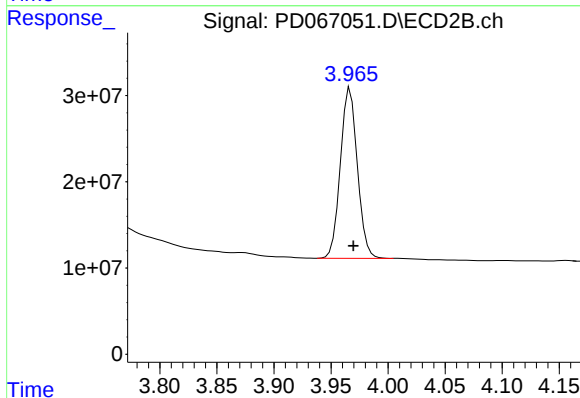




#1 Tetrachloro-m-xylene

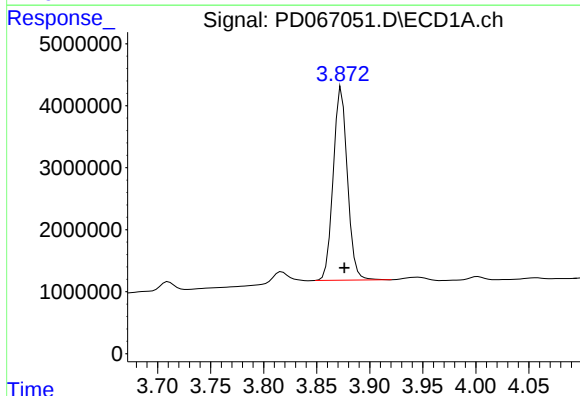
R.T.: 3.437 min
Delta R.T.: -0.003 min
Response: 38048773
Conc: 20.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



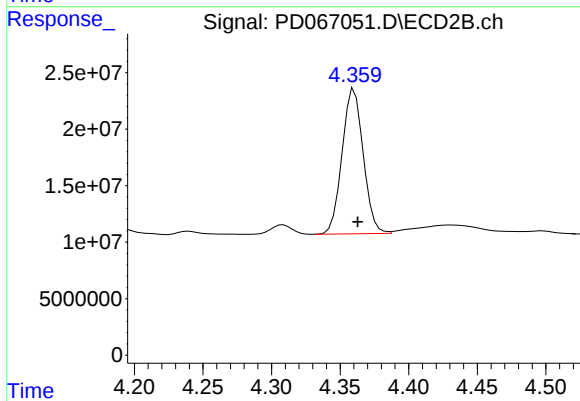
#1 Tetrachloro-m-xylene

R.T.: 3.967 min
Delta R.T.: -0.003 min
Response: 204767941
Conc: 25.30 ng/ml



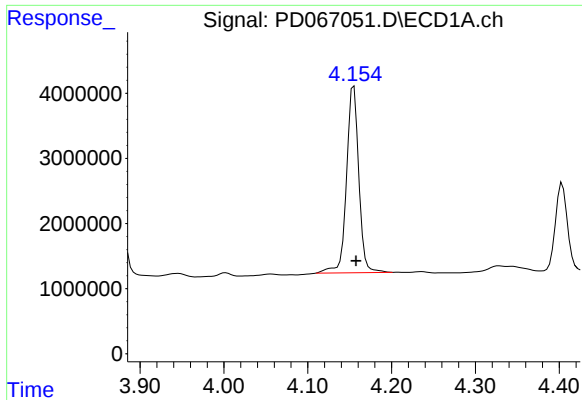
#2 alpha-BHC

R.T.: 3.874 min
Delta R.T.: -0.002 min
Response: 29092359
Conc: 9.52 ng/ml



#2 alpha-BHC

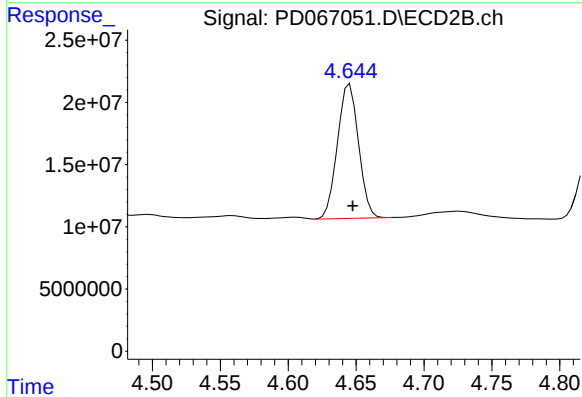
R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 137540875
Conc: 12.47 ng/ml



#3 gamma-BHC (Lindane)

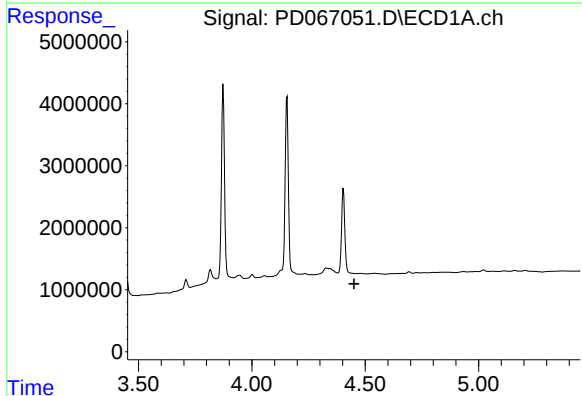
R.T.: 4.155 min
Delta R.T.: -0.003 min
Response: 29271441
Conc: 9.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



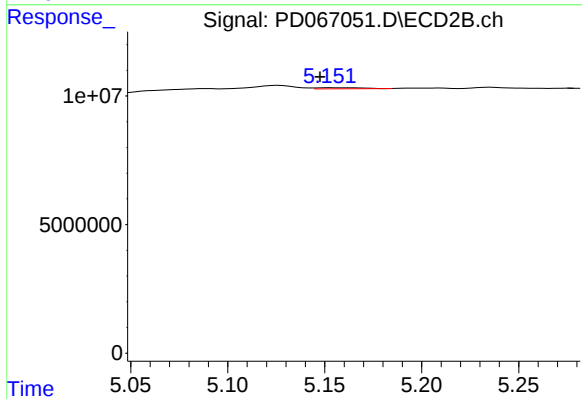
#3 gamma-BHC (Lindane)

R.T.: 4.645 min
Delta R.T.: -0.002 min
Response: 116712363
Conc: 11.71 ng/ml



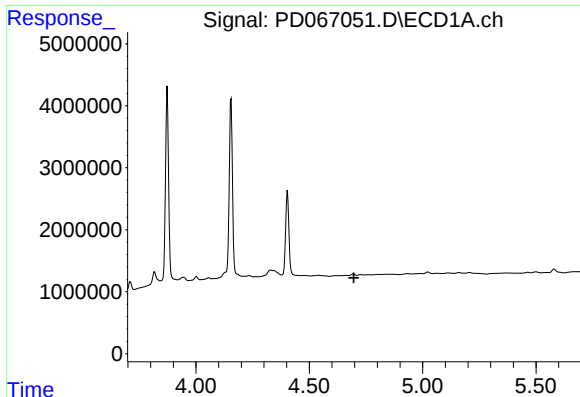
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.452 min
Response: 0
Conc: N.D.



#4 Heptachlor

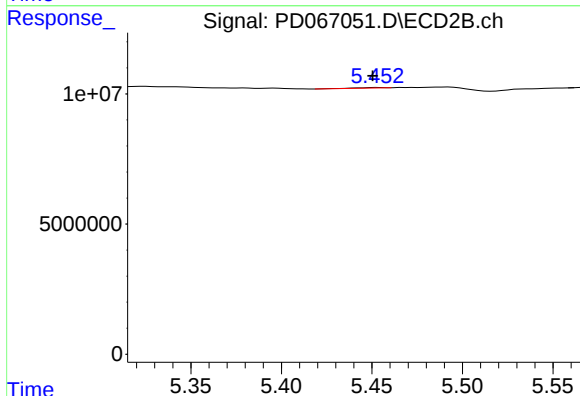
R.T.: 5.153 min
Delta R.T.: 0.005 min
Response: 743583
Conc: 0.08 ng/ml



#5 Aldrin

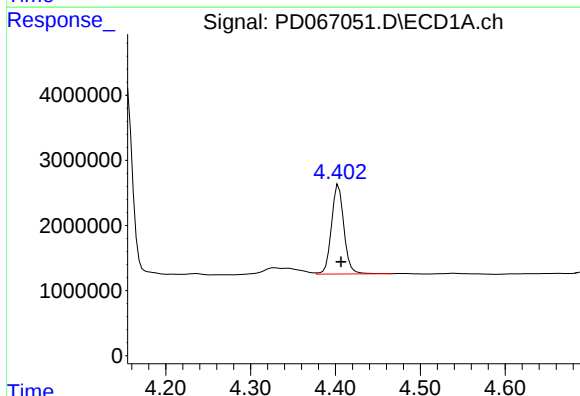
R.T.: 0.000 min
Exp R.T.: 4.697 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



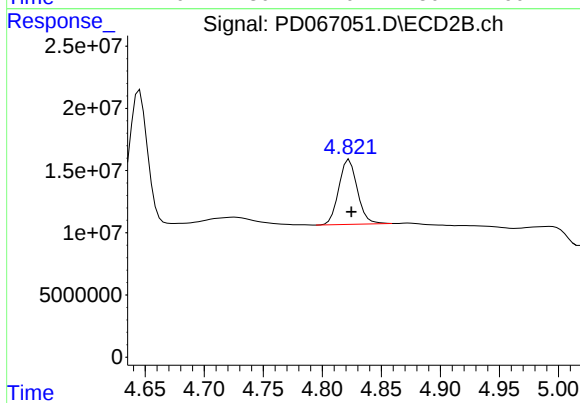
#5 Aldrin

R.T.: 5.453 min
Delta R.T.: 0.002 min
Response: 180971
Conc: 0.02 ng/ml



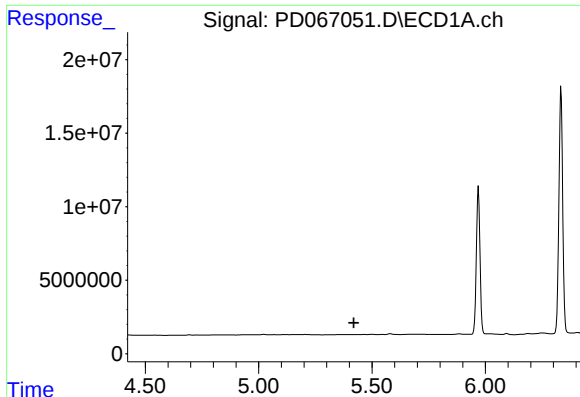
#6 beta-BHC

R.T.: 4.404 min
Delta R.T.: -0.003 min
Response: 14064305
Conc: 11.26 ng/ml



#6 beta-BHC

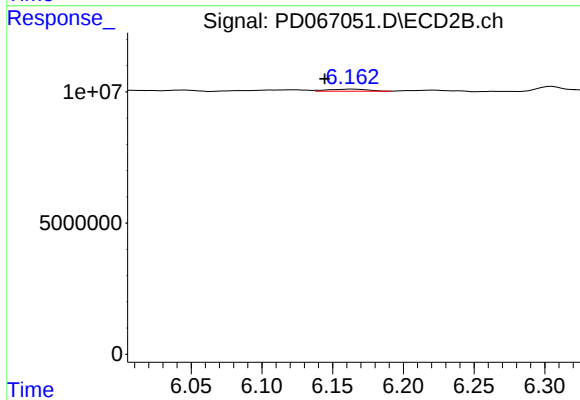
R.T.: 4.823 min
Delta R.T.: -0.002 min
Response: 56815816
Conc: 12.20 ng/ml



#11 alpha-Chlordane

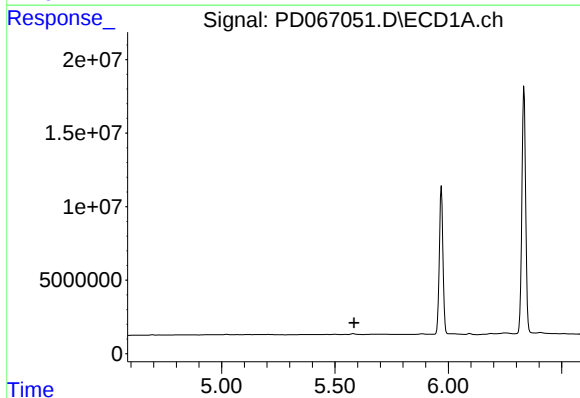
R.T.: 0.000 min
Exp R.T.: 5.420 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



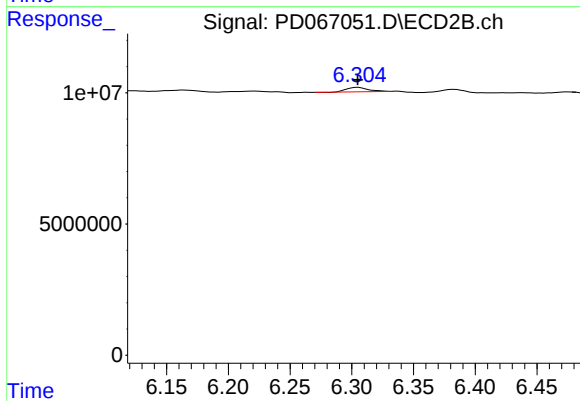
#11 alpha-Chlordane

R.T.: 6.164 min
Delta R.T.: 0.020 min
Response: 1569667
Conc: 0.19 ng/ml



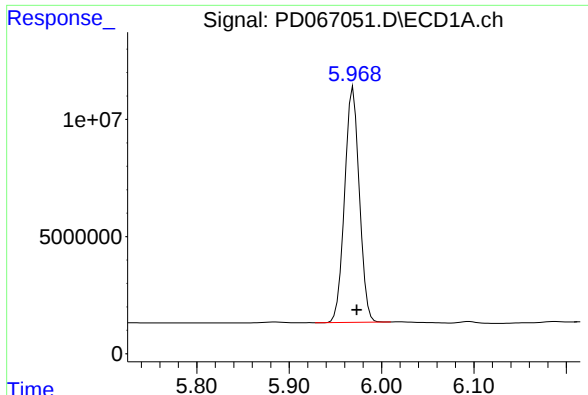
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 5.584 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

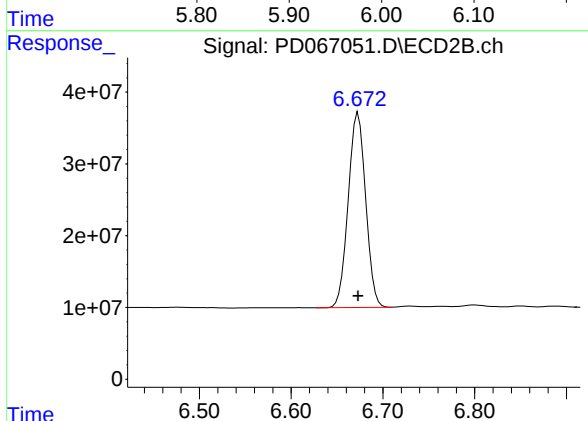
R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 2002485
Conc: 0.25 ng/ml



#14 Endrin

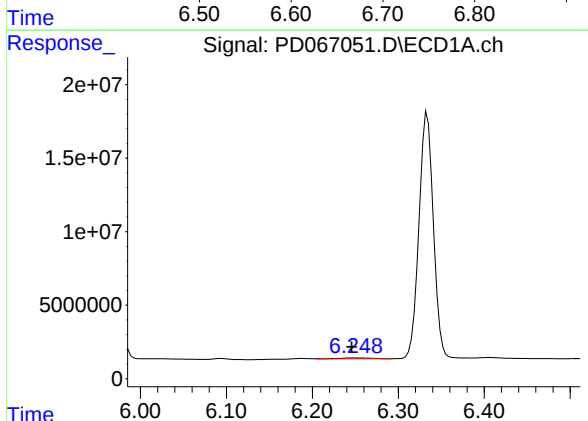
R.T.: 5.969 min
Delta R.T.: -0.004 min
Response: 110916771
Conc: 53.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



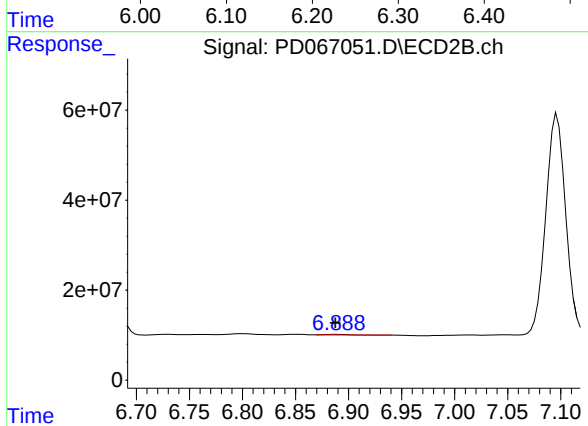
#14 Endrin

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 358303097
Conc: 52.06 ng/ml



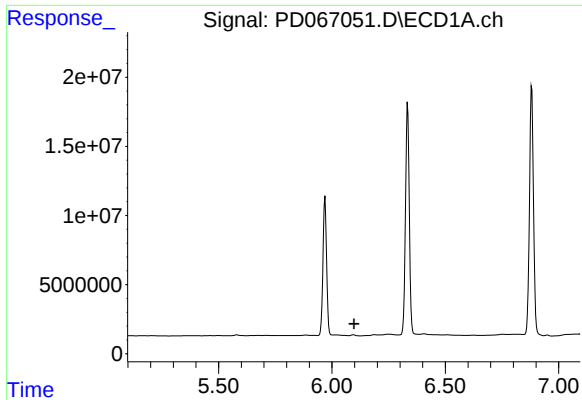
#15 Endosulfan II

R.T.: 6.249 min
Delta R.T.: 0.003 min
Response: 1700205
Conc: 0.85 ng/ml



#15 Endosulfan II

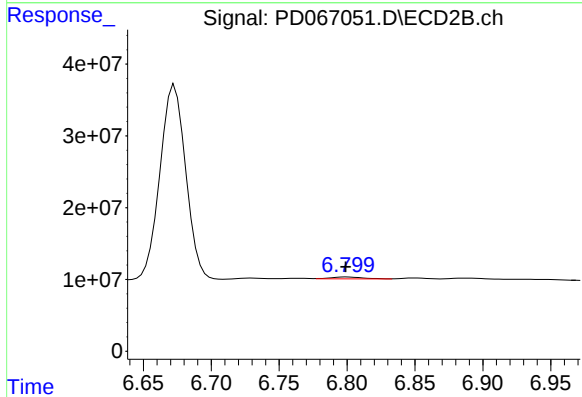
R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 2298781
Conc: 0.33 ng/ml



#16 4,4'-DDD

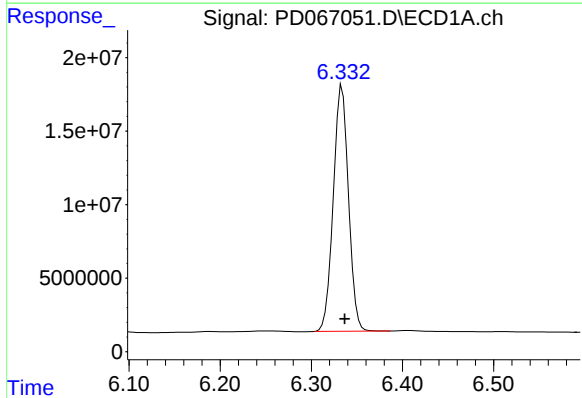
R.T.: 0.000 min
Exp R.T.: 6.097 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



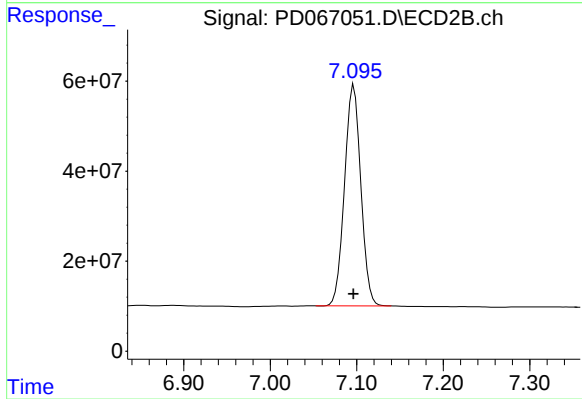
#16 4,4'-DDD

R.T.: 6.800 min
Delta R.T.: 0.001 min
Response: 4082570
Conc: 0.60 ng/ml



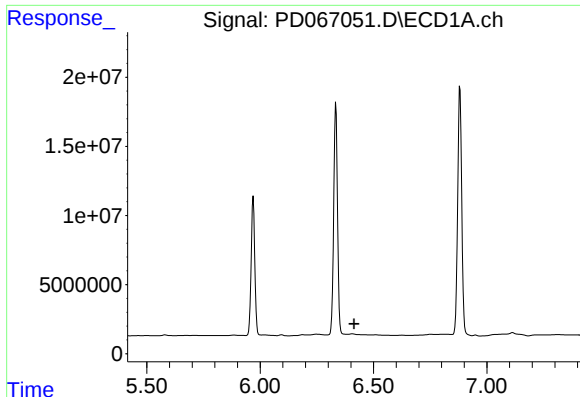
#17 4,4'-DDT

R.T.: 6.334 min
Delta R.T.: -0.003 min
Response: 193681932
Conc: 100.69 ng/ml



#17 4,4'-DDT

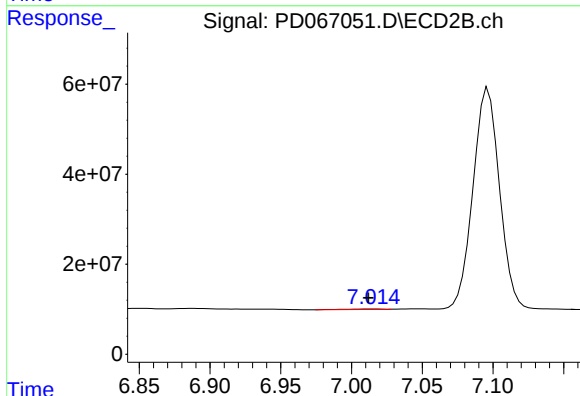
R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 638646218
Conc: 88.05 ng/ml



#18 Endrin aldehyde

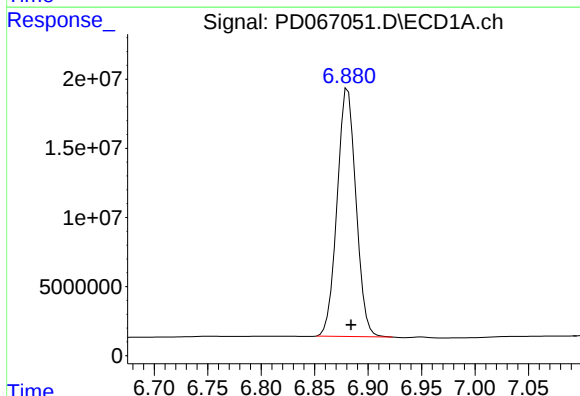
R.T.: 0.000 min
Exp R.T.: 6.414 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



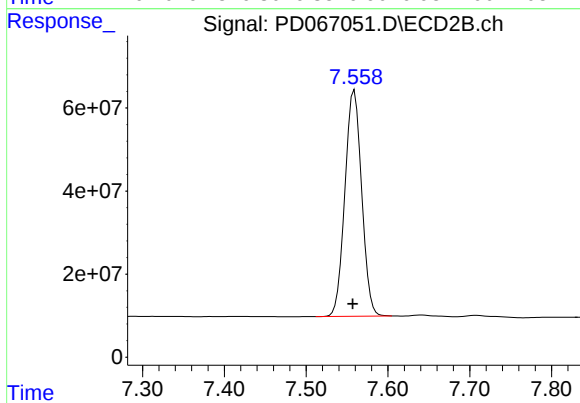
#18 Endrin aldehyde

R.T.: 7.015 min
Delta R.T.: 0.003 min
Response: 1569573
Conc: 0.28 ng/ml



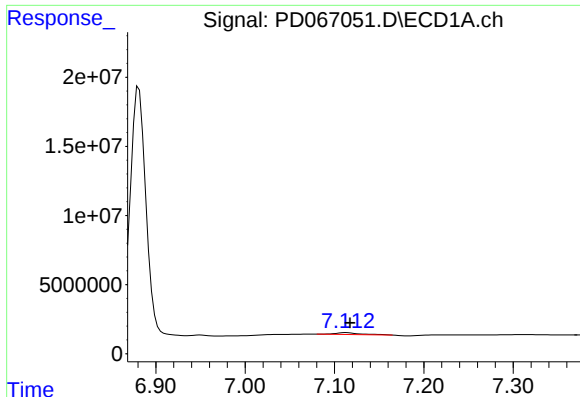
#20 Methoxychlor

R.T.: 6.881 min
Delta R.T.: -0.003 min
Response: 220344632
Conc: 213.37 ng/ml



#20 Methoxychlor

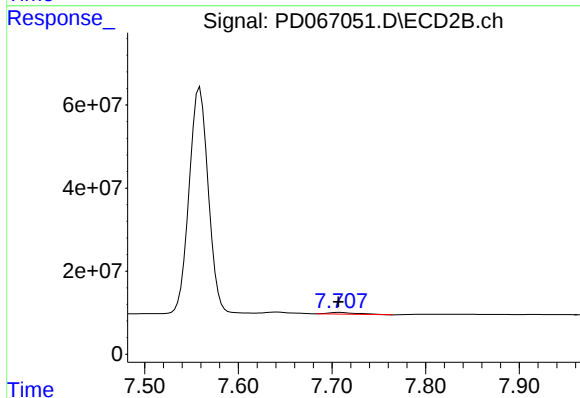
R.T.: 7.559 min
Delta R.T.: 0.002 min
Response: 770096379
Conc: 189.04 ng/ml



#21 Endrin ketone

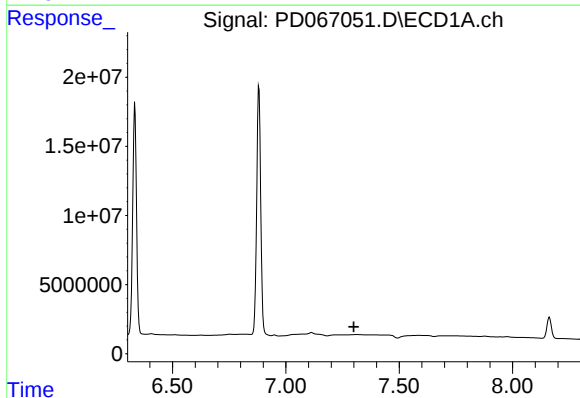
R.T.: 7.113 min
Delta R.T.: -0.004 min
Response: 2395228
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



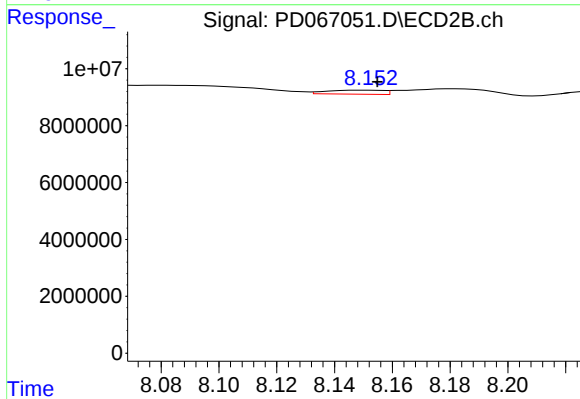
#21 Endrin ketone

R.T.: 7.708 min
Delta R.T.: 0.001 min
Response: 8792019
Conc: 1.05 ng/ml



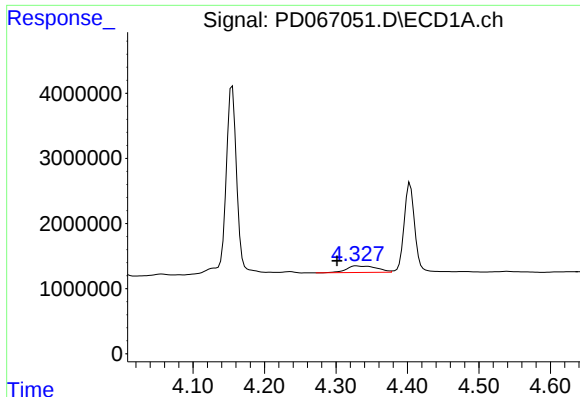
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.299 min
Response: 0
Conc: N.D.



#22 Mirex

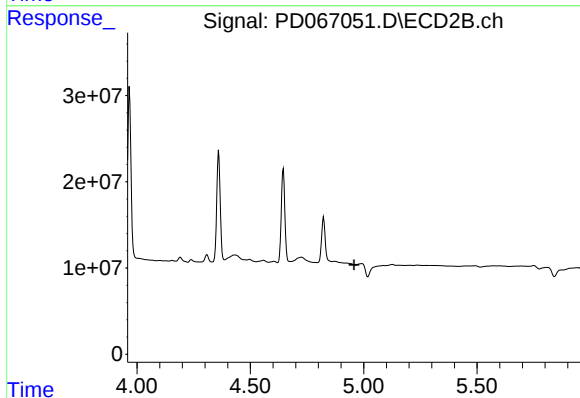
R.T.: 8.150 min
Delta R.T.: -0.005 min
Response: 1882038
Conc: 0.32 ng/ml



#23 Chlordane-1

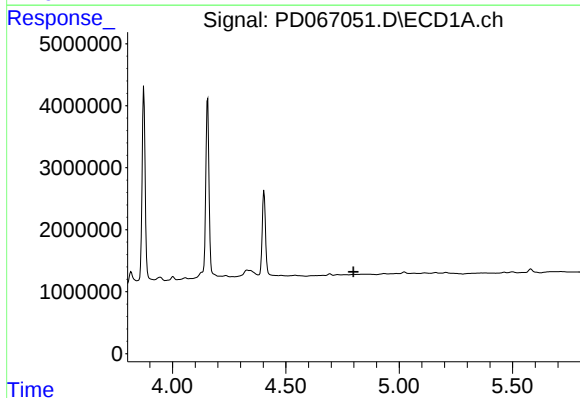
R.T.: 4.328 min
Delta R.T.: 0.027 min
Response: 3014357
Conc: 40.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



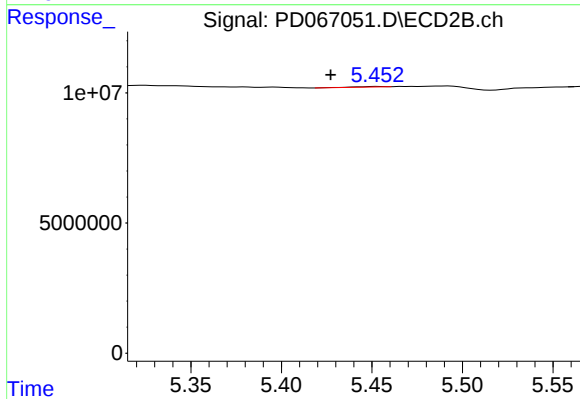
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.958 min
Response: 0
Conc: N.D.



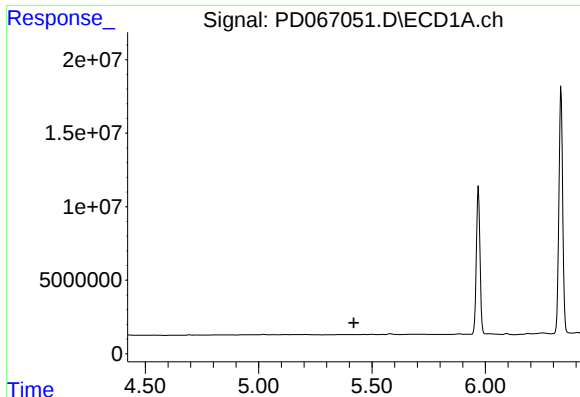
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.799 min
Response: 0
Conc: N.D.



#24 Chlordane-2

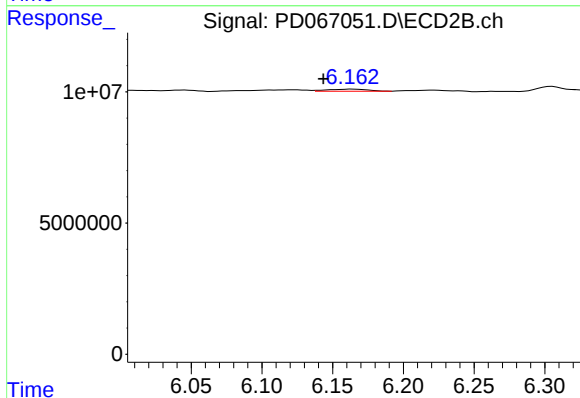
R.T.: 5.453 min
Delta R.T.: 0.025 min
Response: 180971
Conc: 0.61 ng/ml



#26 Chlordane-4

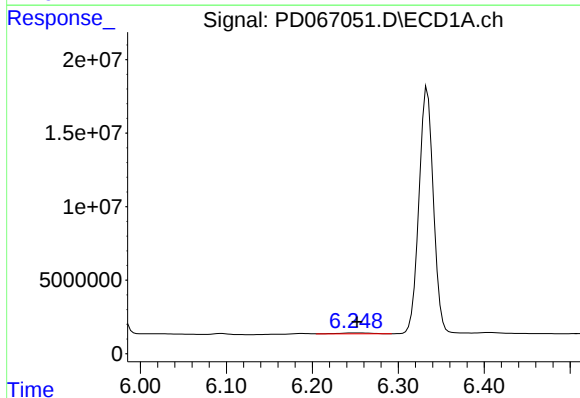
R.T.: 0.000 min
Exp R.T.: 5.420 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



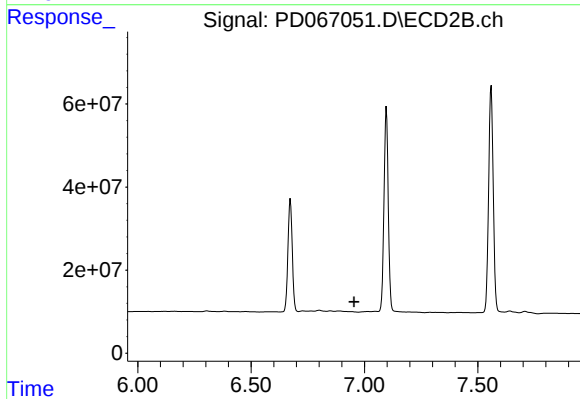
#26 Chlordane-4

R.T.: 6.164 min
Delta R.T.: 0.020 min
Response: 1569667
Conc: 1.25 ng/ml



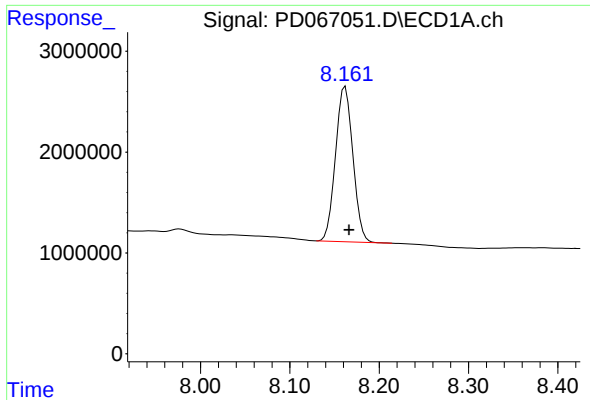
#27 Chlordane-5

R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 1700205
Conc: 20.10 ng/ml



#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.955 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

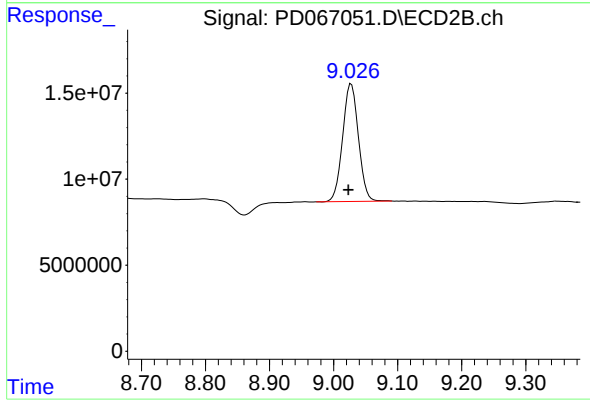
R.T.: 8.162 min

Delta R.T.: -0.004 min

Response: 20776640

Conc: 17.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.028 min

Delta R.T.: 0.005 min

Response: 116984793

Conc: 21.72 ng/ml