

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072425\
 Data File : PD089592.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2025 12:49
 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: Jul 24 02:09:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 22 04:39:29 2025
 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...	3.548	2.879	56117111	399.6E6	19.476	20.424
28)	SA Decachlor...	9.068	8.068	85866937	512.1E6	20.907	20.845
Target Compounds							
2)	A alpha-BHC	3.997	3.390	53298254	331.8E6	9.335	11.042
3)	MA gamma-BHC...	4.328	3.727	54146111	303.5E6	9.814	10.934
4)	MA Heptachlor	4.926	4.079	240724	1726476	0.044	0.062 #
5)	MB Aldrin	5.248f	4.365	342637	746454	0.065	0.027 #
6)	B beta-BHC	4.514	4.023	22580257	130.7E6	10.473	10.977
7)	B delta-BHC	4.758	4.254	1335594	430591	0.253	0.015 #
8)	B Heptachlo...	5.680	4.872	3775829	4182050	0.799	0.168 #
9)	A Endosulfan I	6.086	0.000	181373	0	0.041	N.D. #
10)	B gamma-Chl...	5.939	5.120	657279	16292064	0.139	0.609 #
11)	B alpha-Chl...	6.030	5.184	1576246	23542163	0.331	0.913 #
12)	B 4,4'-DDE	6.194	5.375	190596	2148031	0.044	0.082 #
13)	MA Dieldrin	0.000	5.501	0	1861991	N.D.	0.070 #
14)	MA Endrin	6.571	5.785	207.0E6	1206.0E6	50.818	49.875
15)	B Endosulfa...	6.768f	6.084	1659034	2274018	0.408	0.099 #
16)	A 4,4'-DDD	6.701	5.927	6448264	17852326	1.903	0.814 #
17)	MA 4,4'-DDT	7.018	6.179	382.5E6	2257.2E6	101.375	96.431
18)	B Endrin al...	6.915	6.252	725326	12253663	0.249	0.738 #
19)	B Endosulfa...	0.000	6.476	0	688860	N.D.	0.031 #
20)	A Methoxychlor	7.489	6.750	464.1E6	2396.7E6	231.501	196.584
21)	B Endrin ke...	7.626	6.985	1844614	11350347	0.458	0.463
22)	Mirex	0.000	7.171	0	5592570	N.D.	0.289 #
23)	Chlordane-1	0.000	3.889	0	1788984	N.D.	1.926 #
24)	Chlordane-2	5.248	4.485	342637	11831628	1.704	12.070 #
25)	Chlordane-3	5.939	5.120	657279	16292064	0.844	5.643 #
26)	Chlordane-4	6.030	5.184	1576246	23542163	1.661	9.760 #
27)	Chlordane-5	6.868	6.084	293938	2274018	1.782	1.946

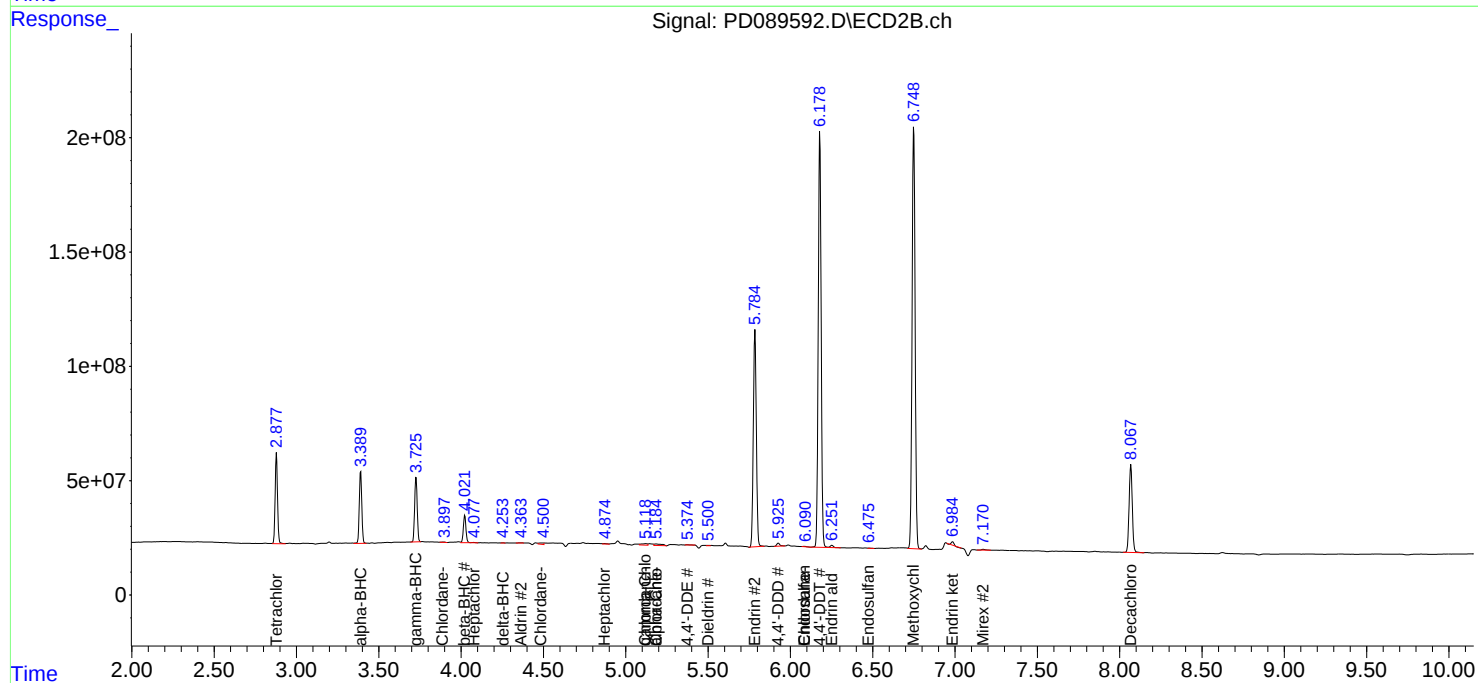
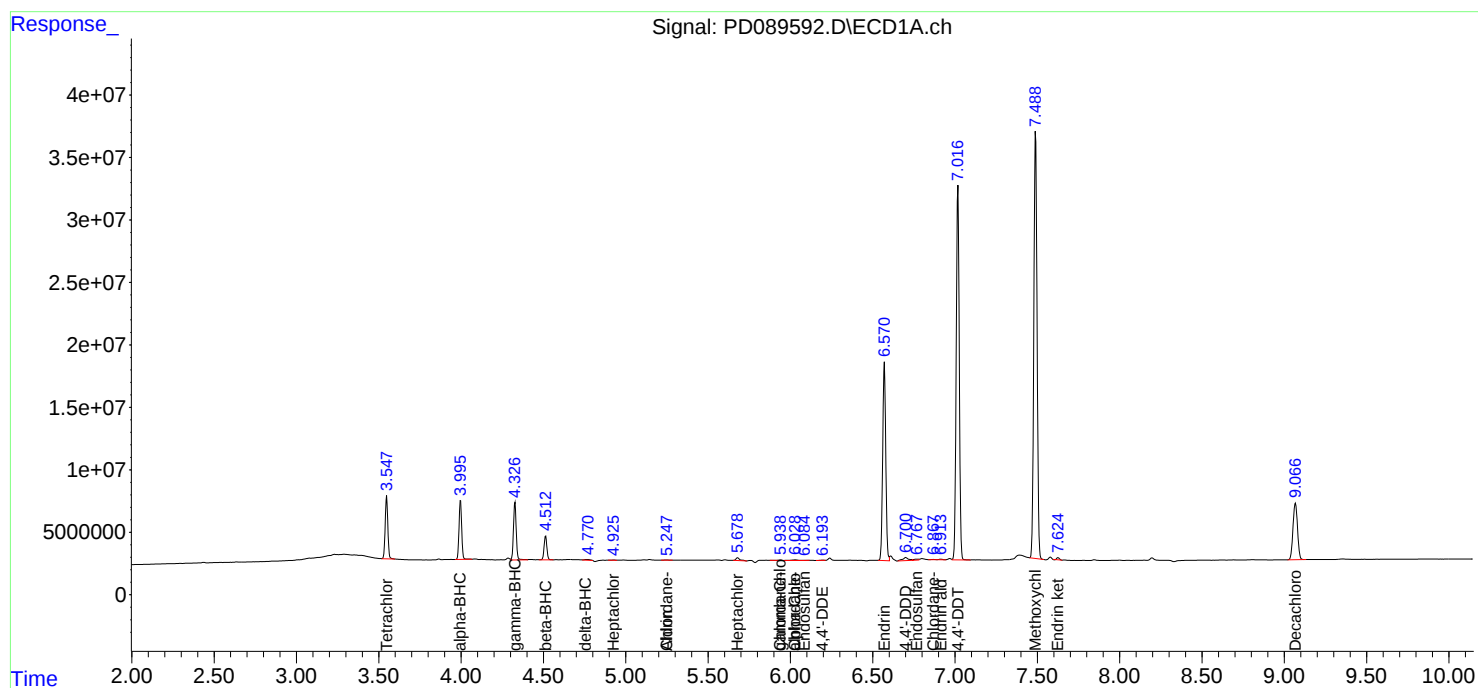
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

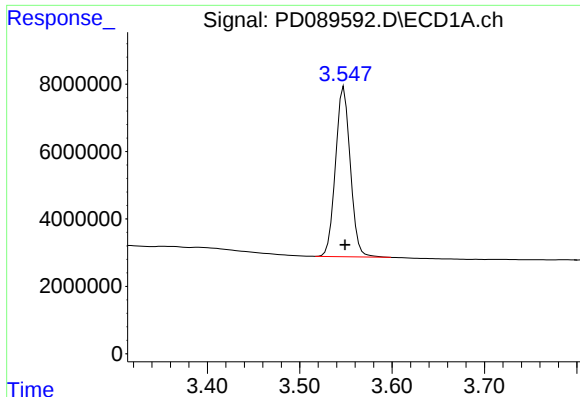
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072425\
Data File : PD089592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 12:49
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 02:09:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
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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

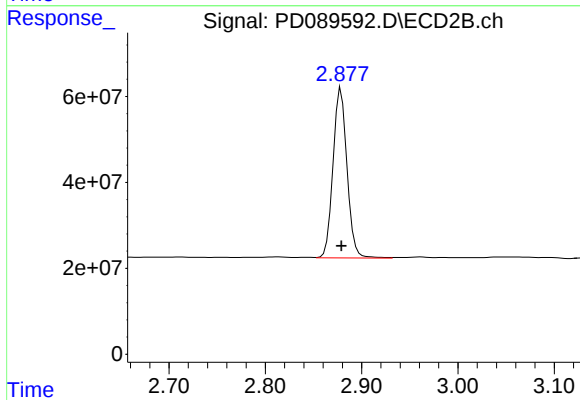




#1 Tetrachloro-m-xylene

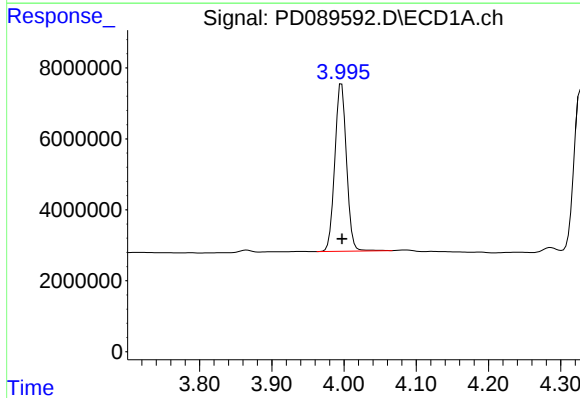
R.T.: 3.548 min
Delta R.T.: -0.001 min
Response: 56117111
Conc: 19.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



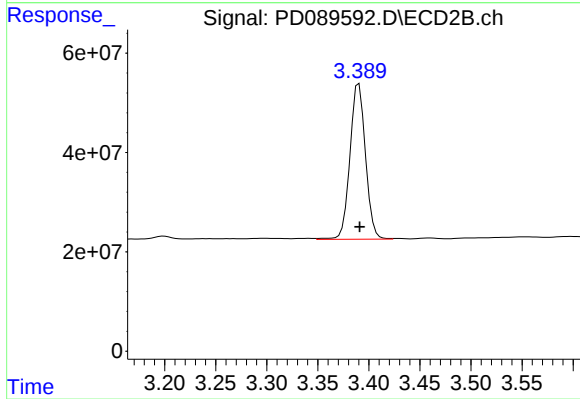
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: 0.000 min
Response: 399614682
Conc: 20.42 ng/ml



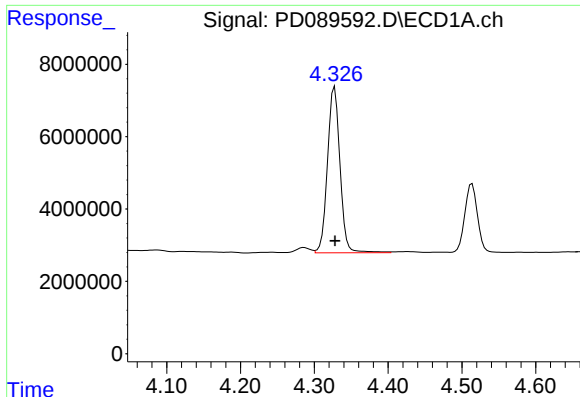
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 53298254
Conc: 9.33 ng/ml



#2 alpha-BHC

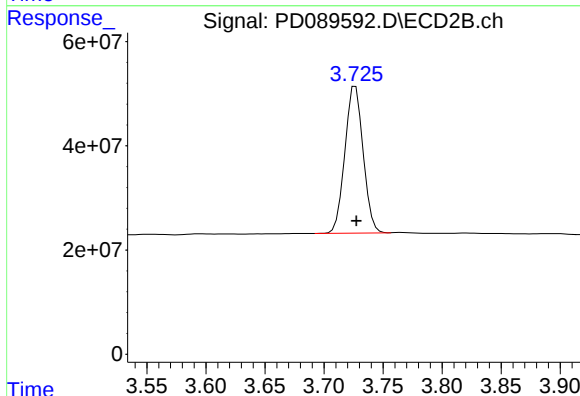
R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 331757110
Conc: 11.04 ng/ml



#3 gamma-BHC (Lindane)

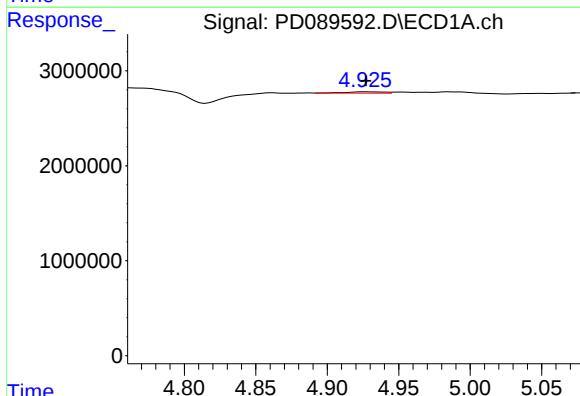
R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 54146111
Conc: 9.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



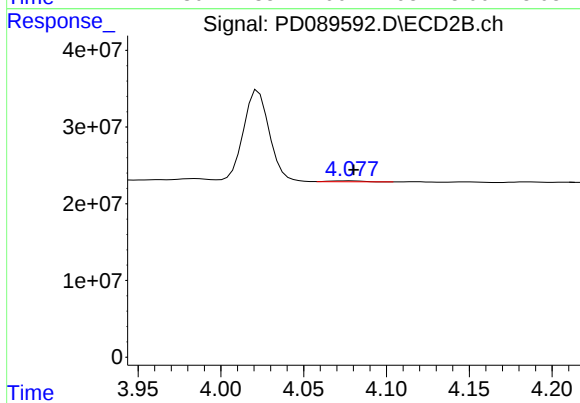
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: 0.000 min
Response: 303540312
Conc: 10.93 ng/ml



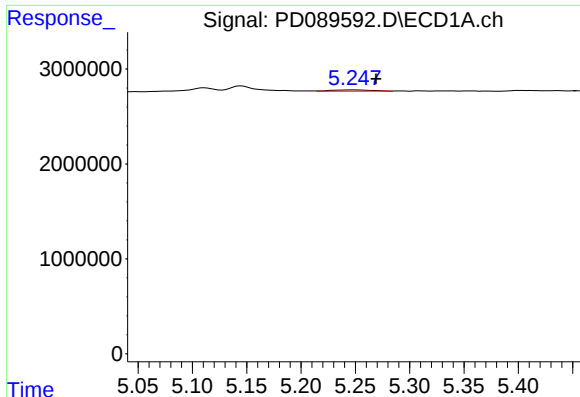
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: -0.001 min
Response: 240724
Conc: 0.04 ng/ml



#4 Heptachlor

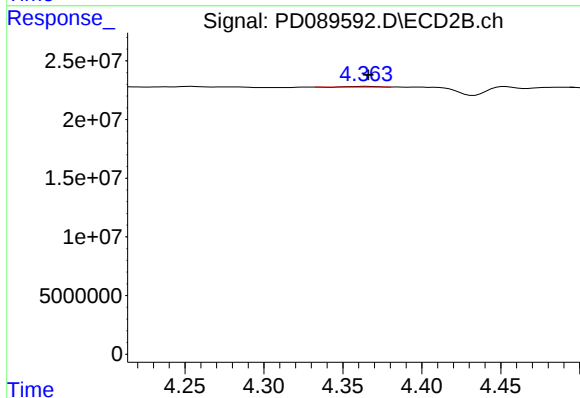
R.T.: 4.079 min
Delta R.T.: -0.001 min
Response: 1726476
Conc: 0.06 ng/ml



#5 Aldrin

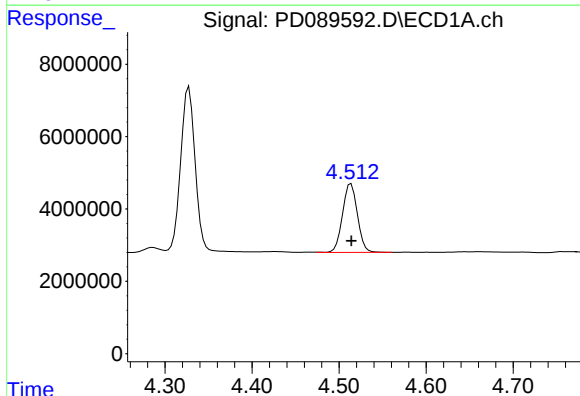
R.T.: 5.248 min
Delta R.T.: -0.021 min
Response: 342637
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



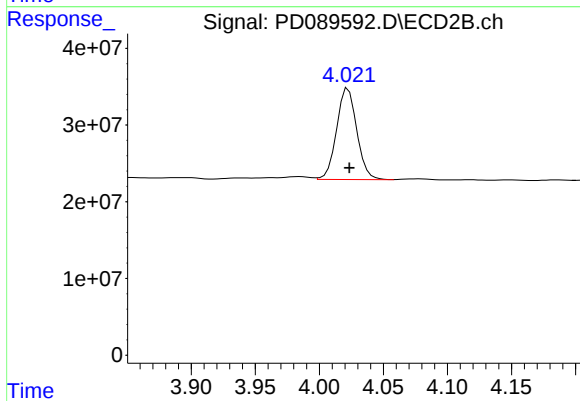
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: -0.002 min
Response: 746454
Conc: 0.03 ng/ml



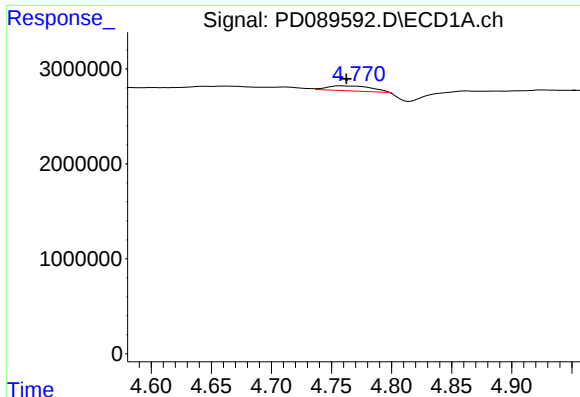
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 22580257
Conc: 10.47 ng/ml



#6 beta-BHC

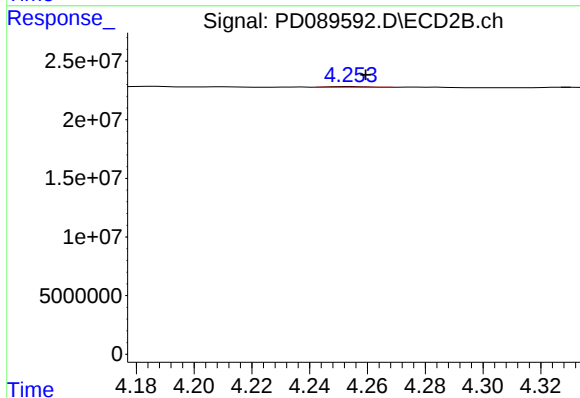
R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 130654966
Conc: 10.98 ng/ml



#7 delta-BHC

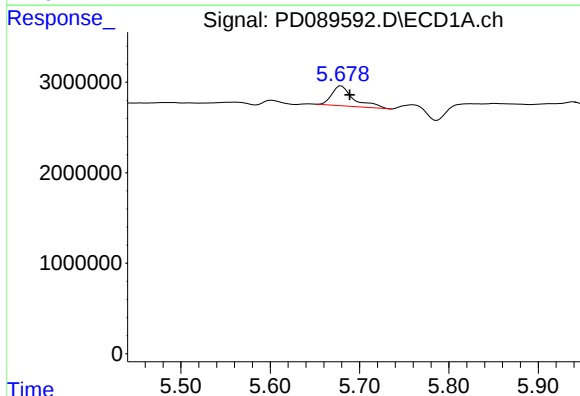
R.T.: 4.758 min
Delta R.T.: -0.005 min
Response: 1335594
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



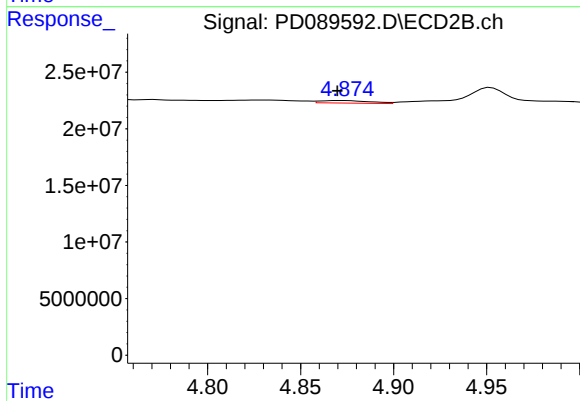
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.005 min
Response: 430591
Conc: 0.02 ng/ml



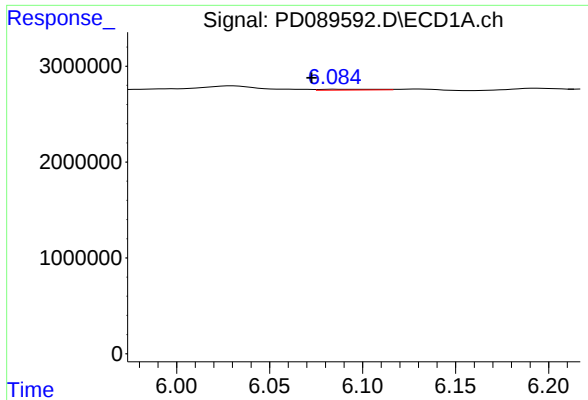
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.009 min
Response: 3775829
Conc: 0.80 ng/ml



#8 Heptachlor epoxide

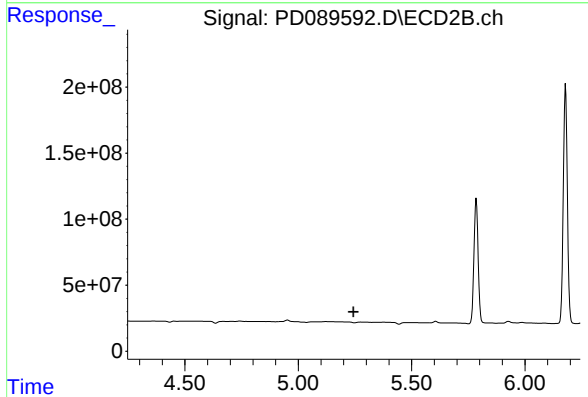
R.T.: 4.872 min
Delta R.T.: 0.002 min
Response: 4182050
Conc: 0.17 ng/ml



#9 Endosulfan I

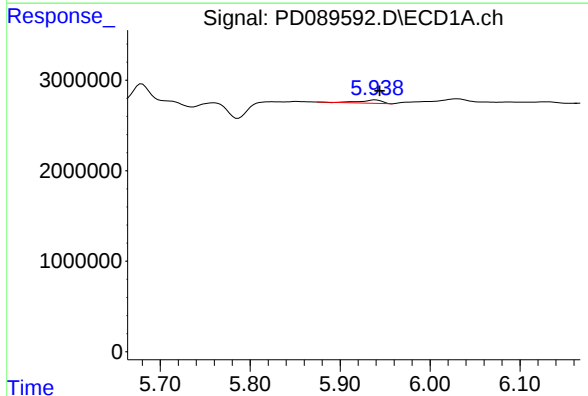
R.T.: 6.086 min
Delta R.T.: 0.013 min
Response: 181373
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



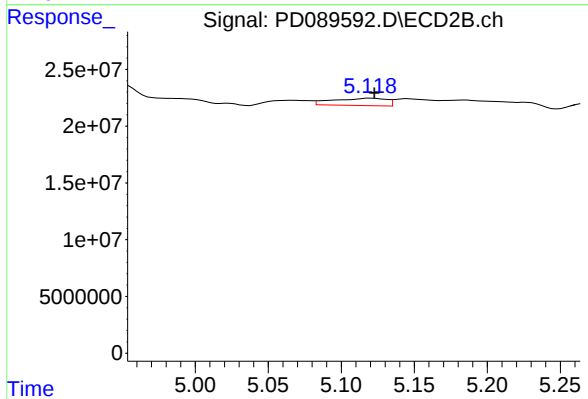
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.244 min
Response: 0
Conc: N.D.



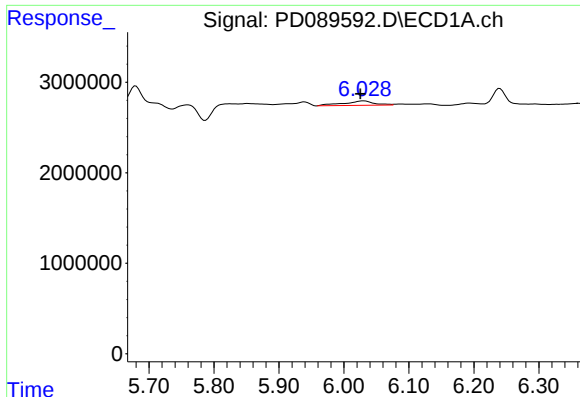
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.005 min
Response: 657279
Conc: 0.14 ng/ml



#10 gamma-Chlordane

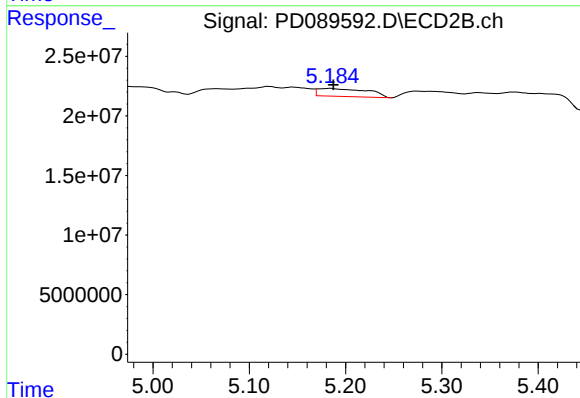
R.T.: 5.120 min
Delta R.T.: -0.003 min
Response: 16292064
Conc: 0.61 ng/ml



#11 alpha-Chlordane

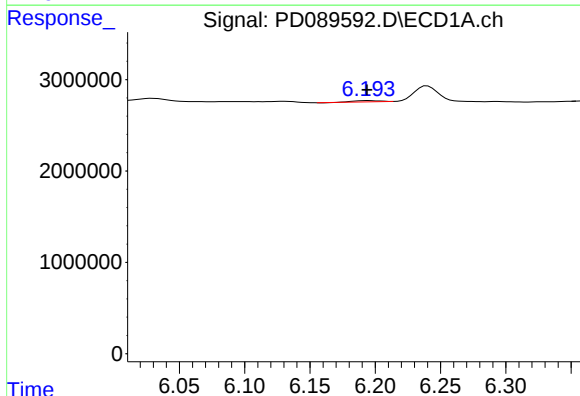
R.T.: 6.030 min
Delta R.T.: 0.005 min
Response: 1576246
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



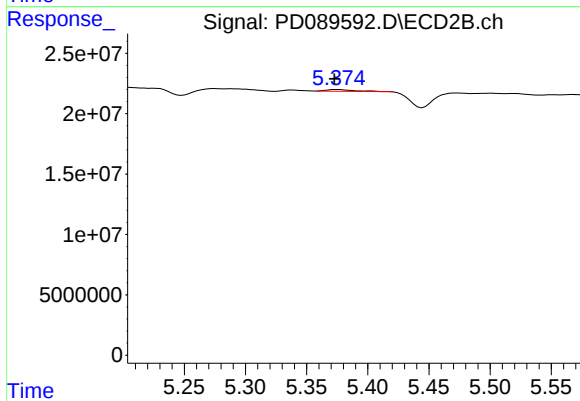
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.003 min
Response: 23542163
Conc: 0.91 ng/ml



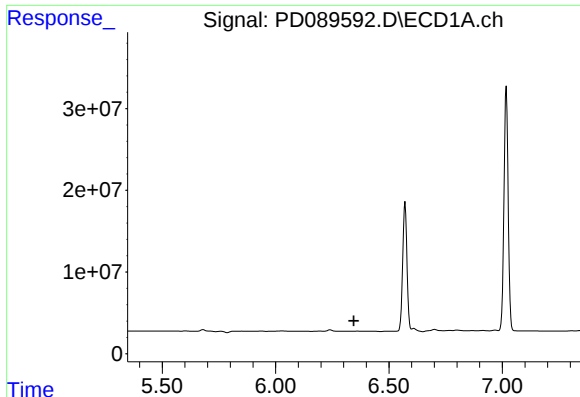
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 190596
Conc: 0.04 ng/ml



#12 4,4'-DDE

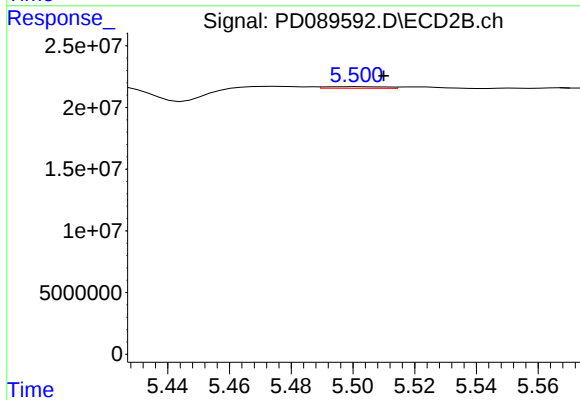
R.T.: 5.375 min
Delta R.T.: 0.003 min
Response: 2148031
Conc: 0.08 ng/ml



#13 Dieldrin

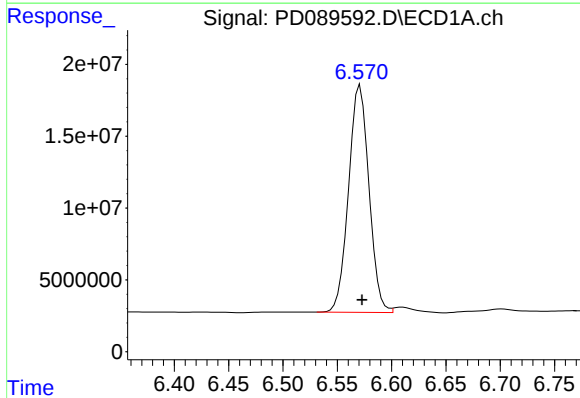
R.T.: 0.000 min
Exp R.T.: 6.345 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



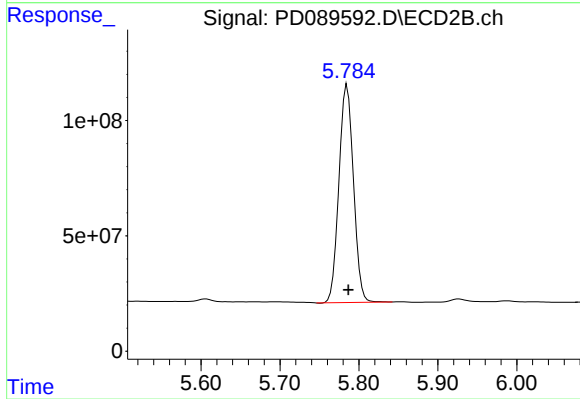
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.009 min
Response: 1861991
Conc: 0.07 ng/ml



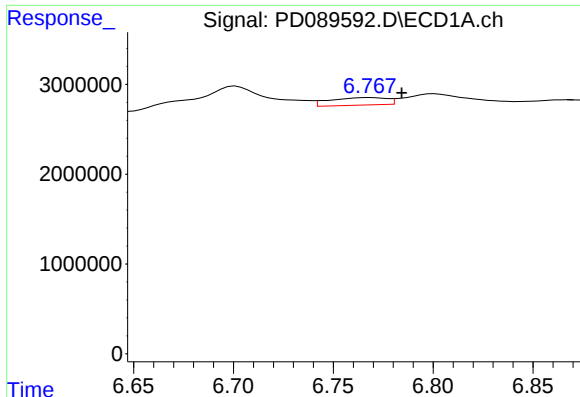
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 206960322
Conc: 50.82 ng/ml



#14 Endrin

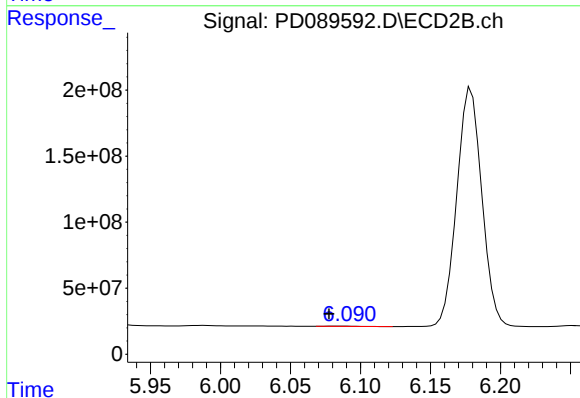
R.T.: 5.785 min
Delta R.T.: -0.002 min
Response: 1206048626
Conc: 49.87 ng/ml



#15 Endosulfan II

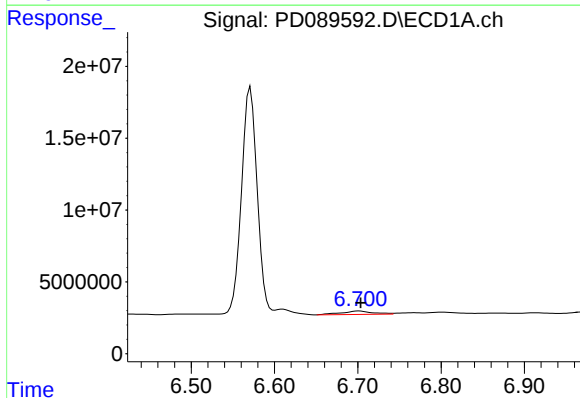
R.T.: 6.768 min
Delta R.T.: -0.016 min
Response: 1659034
Conc: 0.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



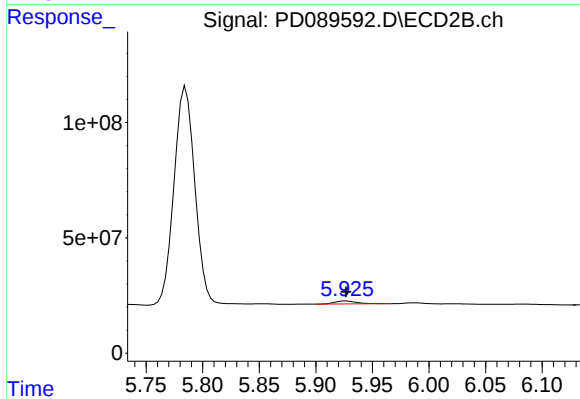
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: 0.006 min
Response: 2274018
Conc: 0.10 ng/ml



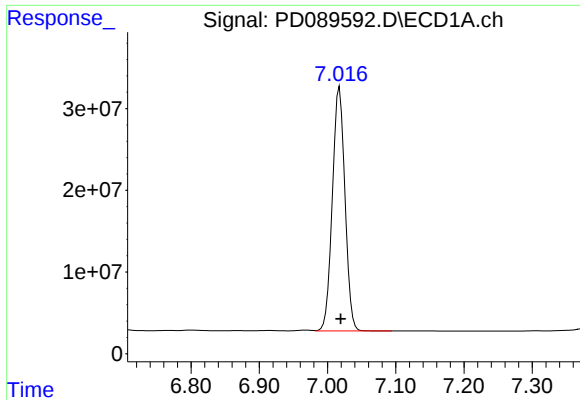
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: -0.002 min
Response: 6448264
Conc: 1.90 ng/ml



#16 4,4'-DDD

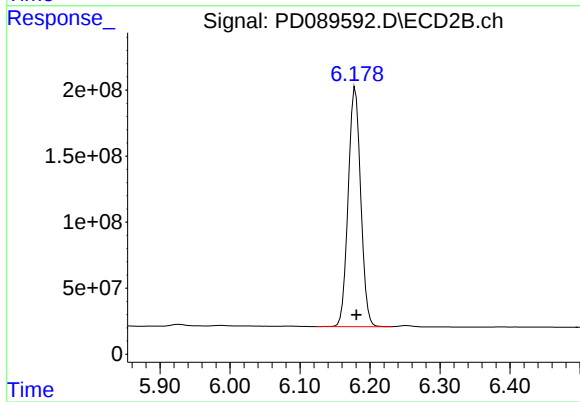
R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 17852326
Conc: 0.81 ng/ml



#17 4,4'-DDT

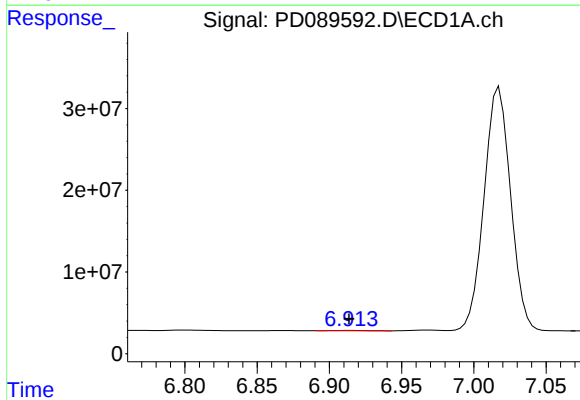
R.T.: 7.018 min
Delta R.T.: -0.002 min
Response: 382481486
Conc: 101.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



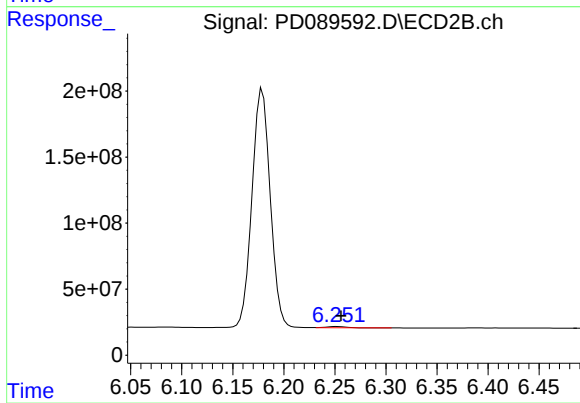
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 2257178002
Conc: 96.43 ng/ml



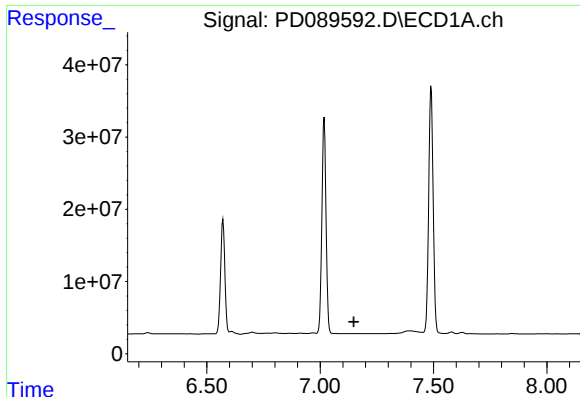
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.001 min
Response: 725326
Conc: 0.25 ng/ml



#18 Endrin aldehyde

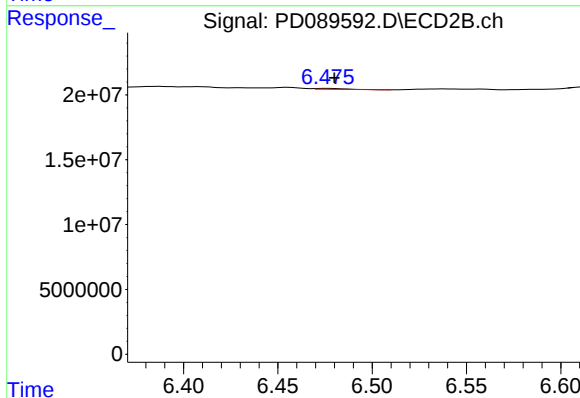
R.T.: 6.252 min
Delta R.T.: -0.004 min
Response: 12253663
Conc: 0.74 ng/ml



#19 Endosulfan Sulfate

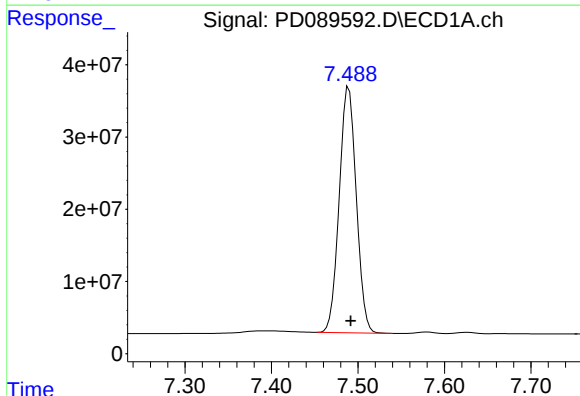
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



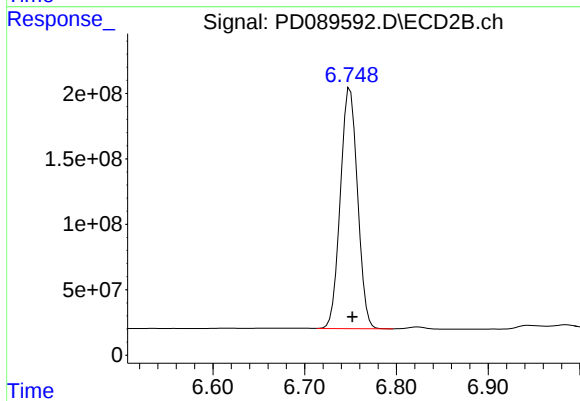
#19 Endosulfan Sulfate

R.T.: 6.476 min
Delta R.T.: -0.003 min
Response: 688860
Conc: 0.03 ng/ml



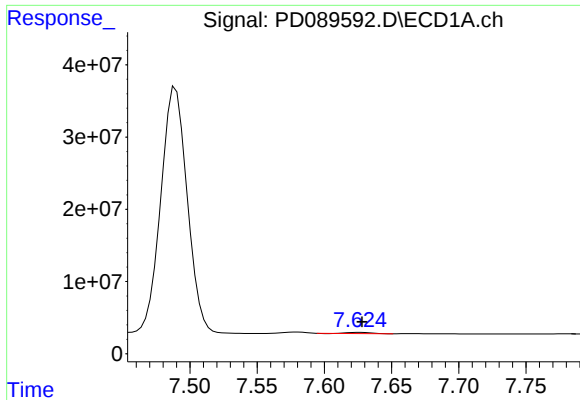
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: -0.002 min
Response: 464134137
Conc: 231.50 ng/ml



#20 Methoxychlor

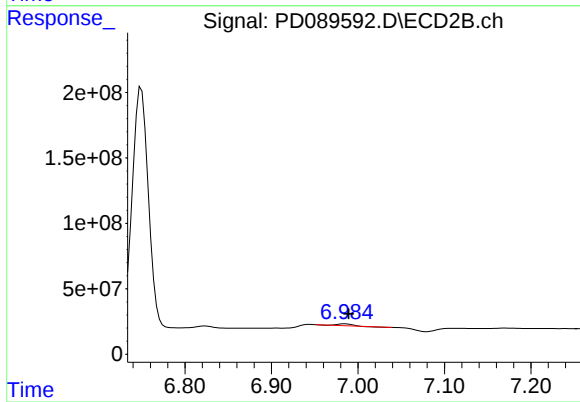
R.T.: 6.750 min
Delta R.T.: -0.002 min
Response: 2396738028
Conc: 196.58 ng/ml



#21 Endrin ketone

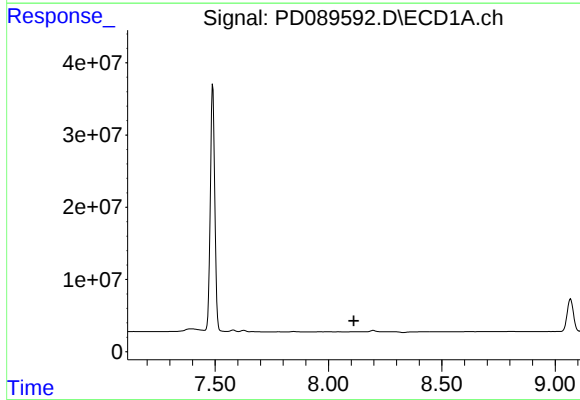
R.T.: 7.626 min
Delta R.T.: -0.002 min
Response: 1844614
Conc: 0.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



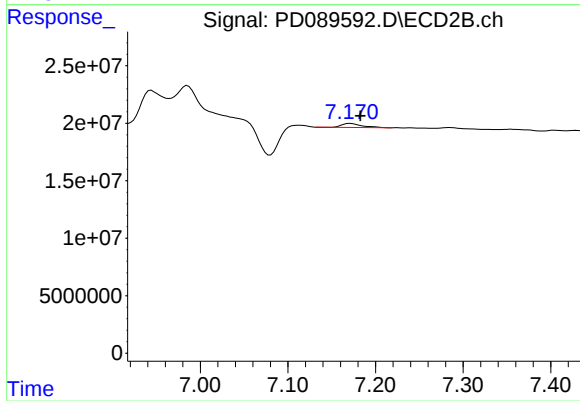
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: -0.004 min
Response: 11350347
Conc: 0.46 ng/ml



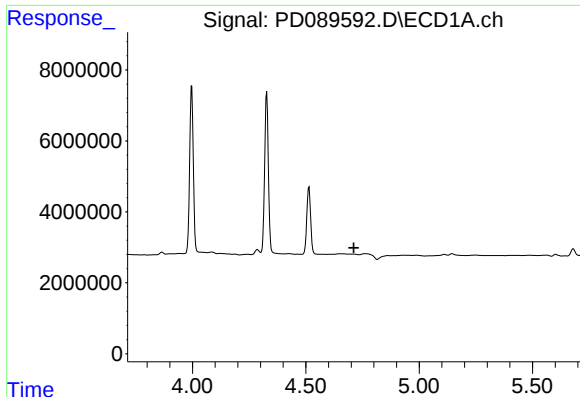
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.112 min
Response: 0
Conc: N.D.



#22 Mirex

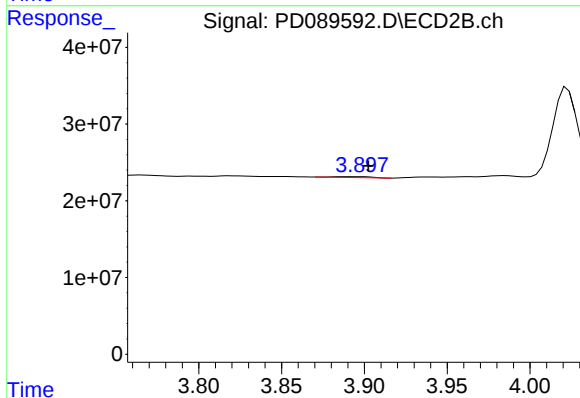
R.T.: 7.171 min
Delta R.T.: -0.012 min
Response: 5592570
Conc: 0.29 ng/ml



#23 Chlordane-1

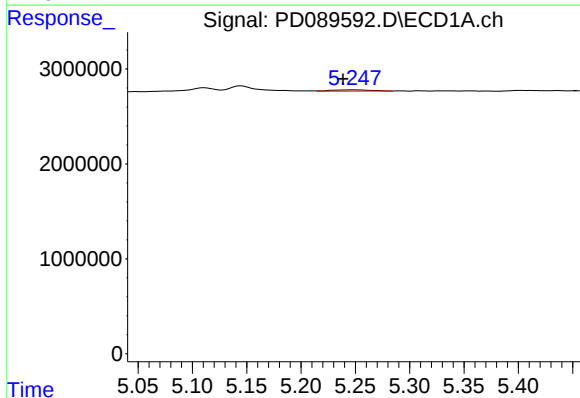
R.T.: 0.000 min
Exp R.T.: 4.712 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



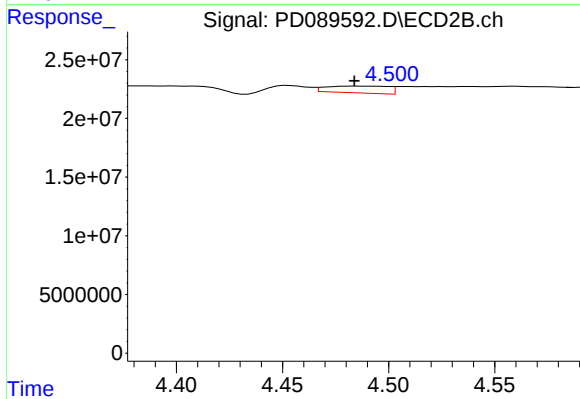
#23 Chlordane-1

R.T.: 3.889 min
Delta R.T.: -0.013 min
Response: 1788984
Conc: 1.93 ng/ml



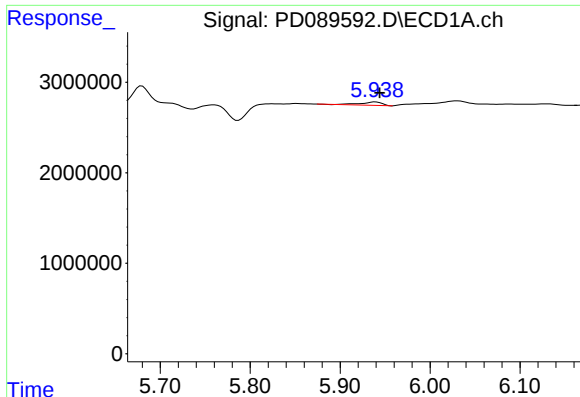
#24 Chlordane-2

R.T.: 5.248 min
Delta R.T.: 0.009 min
Response: 342637
Conc: 1.70 ng/ml



#24 Chlordane-2

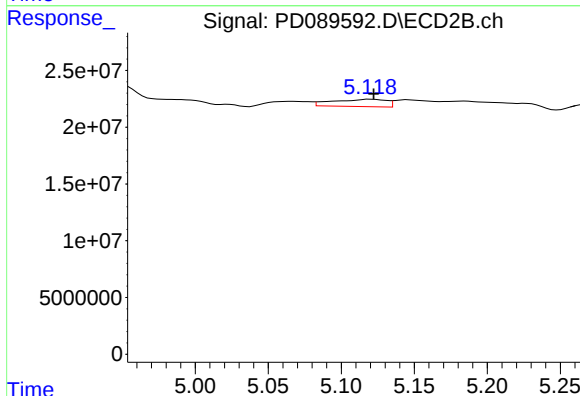
R.T.: 4.485 min
Delta R.T.: 0.002 min
Response: 11831628
Conc: 12.07 ng/ml



#25 Chlordane-3

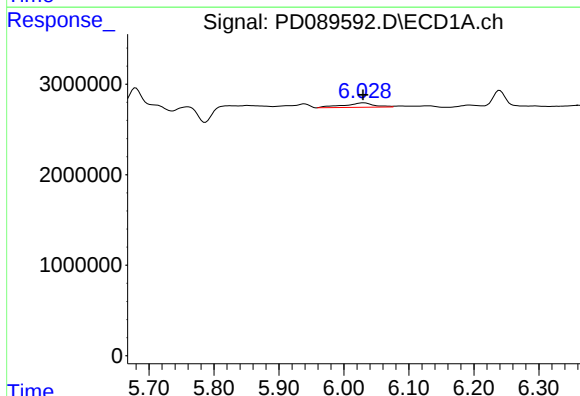
R.T.: 5.939 min
Delta R.T.: -0.005 min
Response: 657279
Conc: 0.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



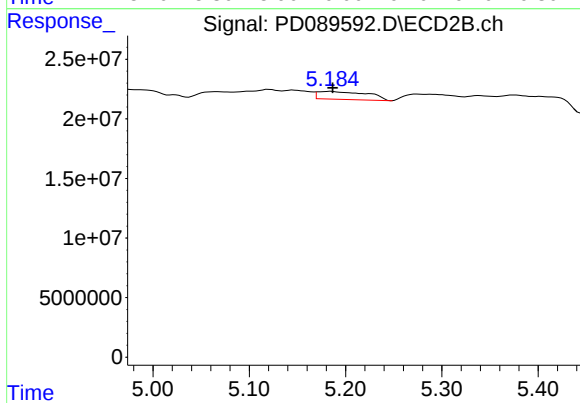
#25 Chlordane-3

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 16292064
Conc: 5.64 ng/ml



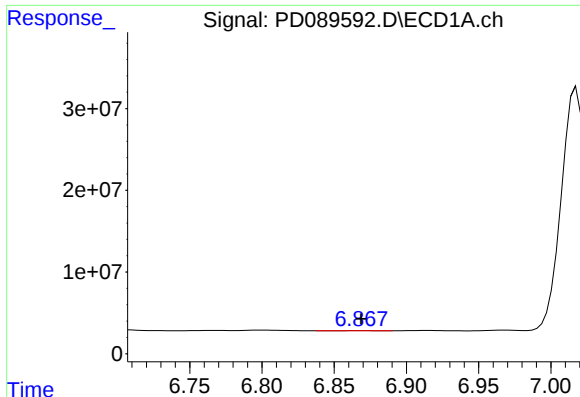
#26 Chlordane-4

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 1576246
Conc: 1.66 ng/ml



#26 Chlordane-4

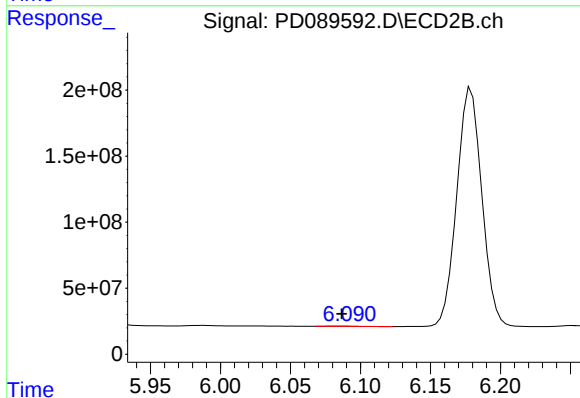
R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 23542163
Conc: 9.76 ng/ml



#27 Chlordane-5

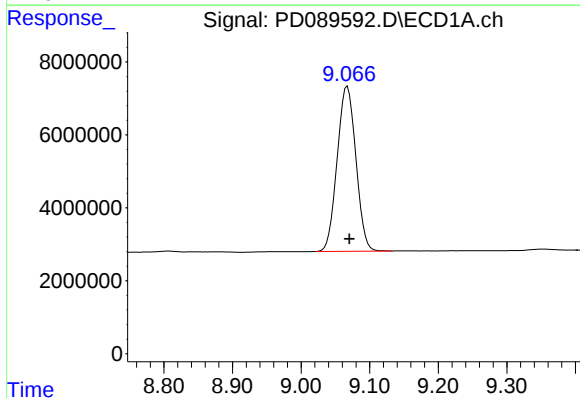
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 293938
Conc: 1.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



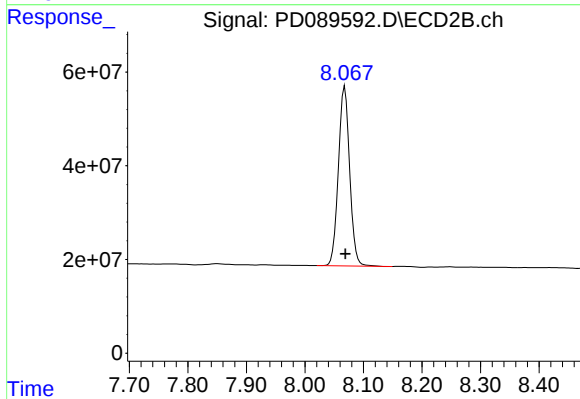
#27 Chlordane-5

R.T.: 6.084 min
Delta R.T.: -0.003 min
Response: 2274018
Conc: 1.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 85866937
Conc: 20.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: -0.001 min
Response: 512120464
Conc: 20.84 ng/ml