

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051324\
 Data File : PD082750.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2024 10:57
 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 13 15:40:30 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...	3.565	2.775	31090445	79433875	20.082	20.043
28)	SA Decachlor...	9.121	7.905	42033624	79106982	21.049	20.466
Target Compounds							
2)	A alpha-BHC	4.022	3.275	24963304	59814118	9.113	9.589
3)	MA gamma-BHC...	4.356	3.604	24559509	54147425	9.292	9.162
5)	MB Aldrin	0.000	4.233	0	210385	N.D.	0.037 #
6)	B beta-BHC	4.552	3.900	10861521	24997455	10.371	10.468
12)	B 4,4'-DDE	6.230	5.228	245066	937441	0.112	0.201 #
14)	MA Endrin	6.615	5.633	88787767	202.2E6	47.189	46.249
15)	B Endosulfa...	6.842	5.943f	1441995	211779	0.723	0.051 #
16)	A 4,4'-DDD	6.751	5.782	401746	614854	0.251	0.163 #
17)	MA 4,4'-DDT	7.063	6.030	172.2E6	395.0E6	102.010	103.000
18)	B Endrin al...	6.964	6.106	1644665	4935651	1.175	1.581 #
19)	B Endosulfa...	0.000	6.324	0	97884	N.D.	0.025 #
20)	A Methoxychlor	7.539	6.605	214.7E6	466.0E6	234.271	229.345
21)	B Endrin ke...	7.687	6.832	3532643	9004726	1.838	1.981
22)	Mirex	8.174	7.032f	53591	-62231	0.035	N.D. #
23)	Chlordane-1	0.000	3.803f	0	443235	N.D.	2.420 #
27)	Chlordane-5	0.000	5.943	0	211779	N.D.	1.050 #

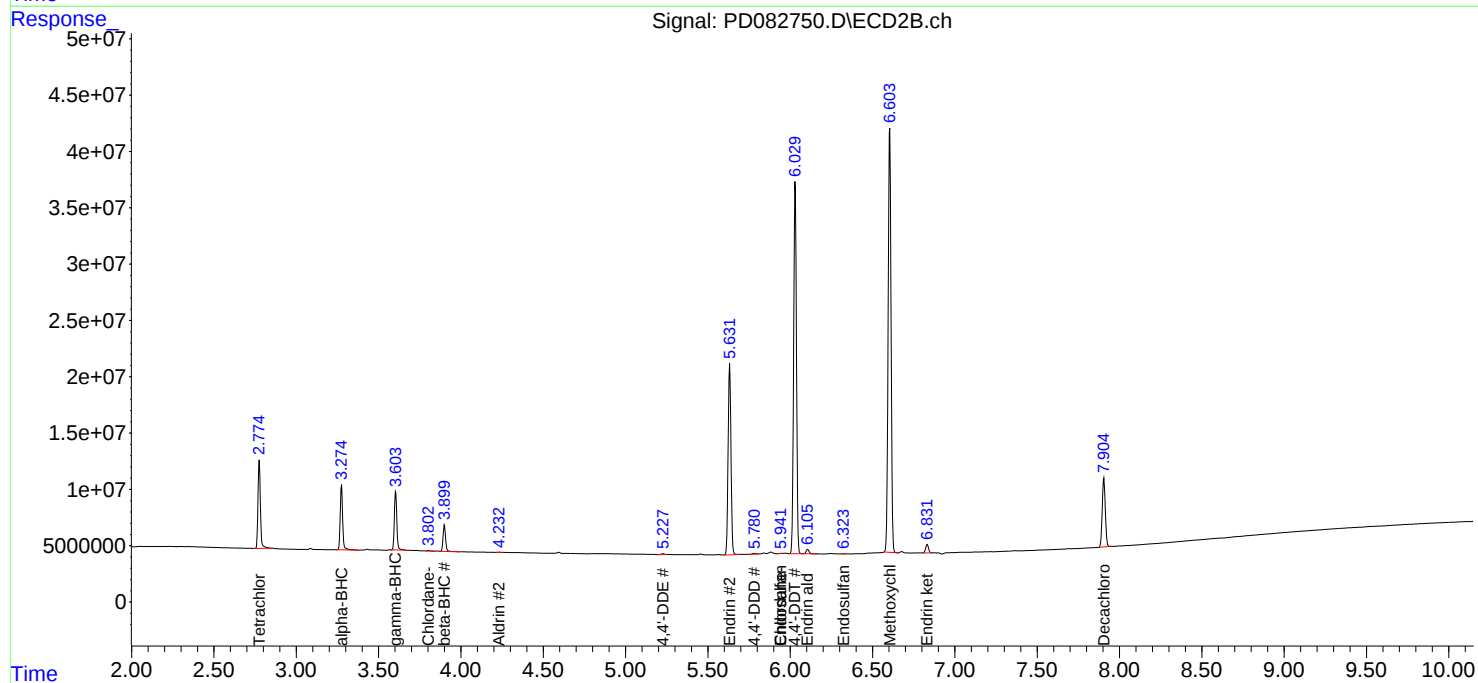
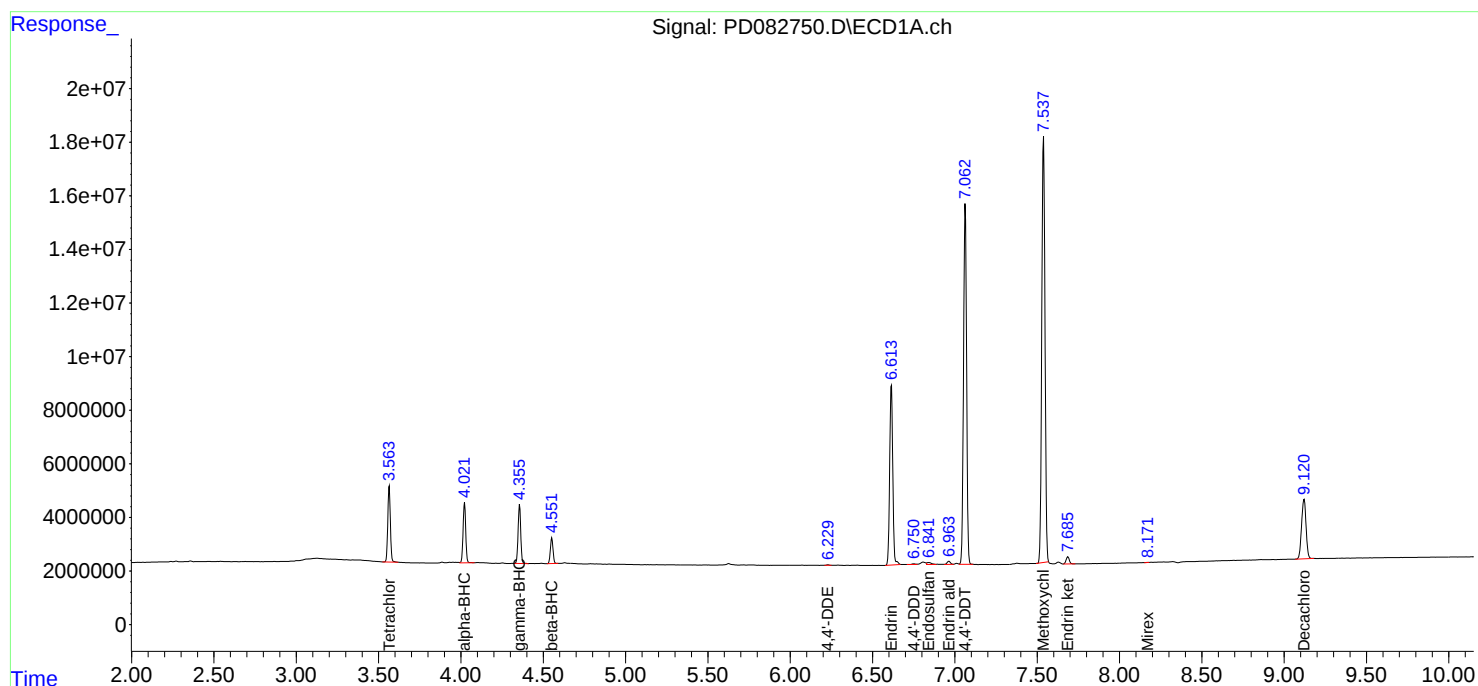
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

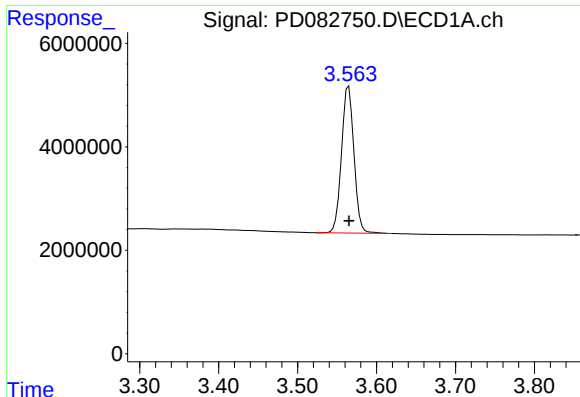
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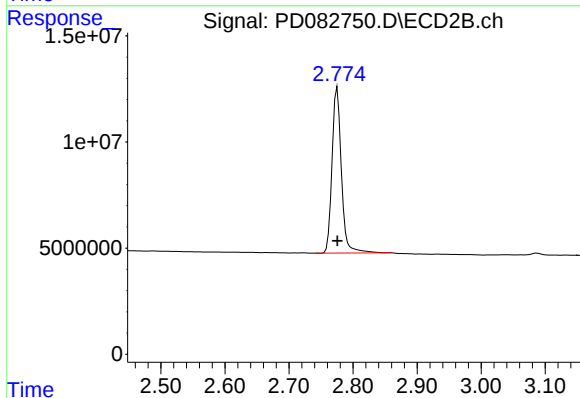




#1 Tetrachloro-m-xylene

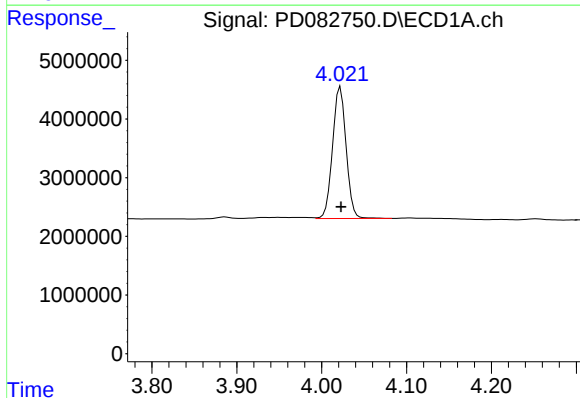
R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 31090445
Conc: 20.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



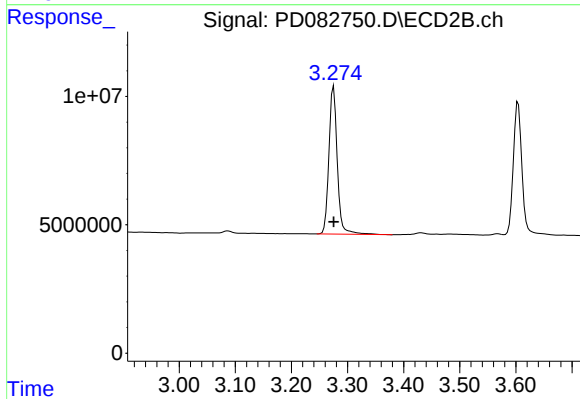
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 79433875
Conc: 20.04 ng/ml



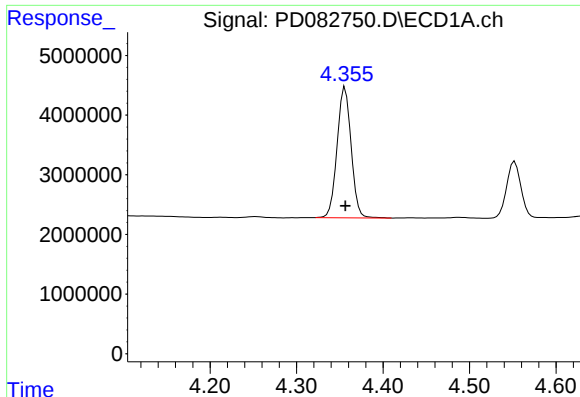
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 24963304
Conc: 9.11 ng/ml



#2 alpha-BHC

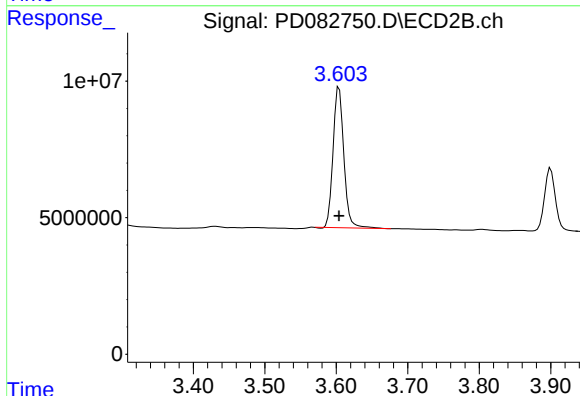
R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 59814118
Conc: 9.59 ng/ml



#3 gamma-BHC (Lindane)

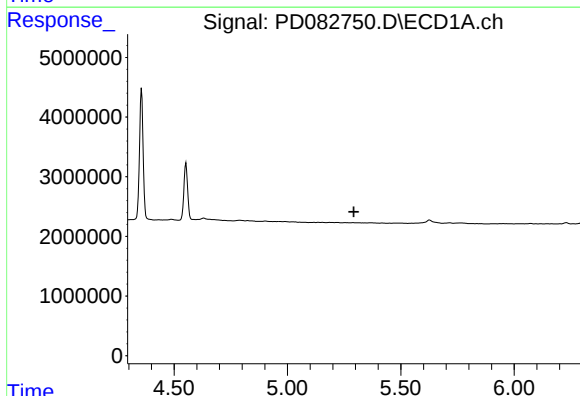
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 24559509
Conc: 9.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



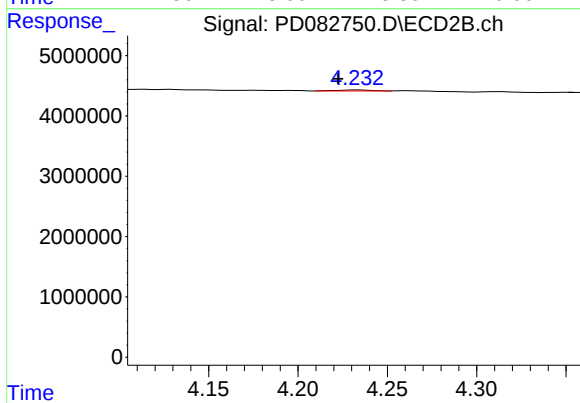
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 54147425
Conc: 9.16 ng/ml



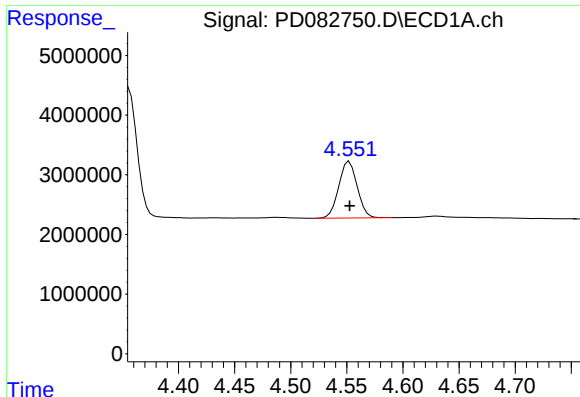
#5 Aldrin

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



#5 Aldrin

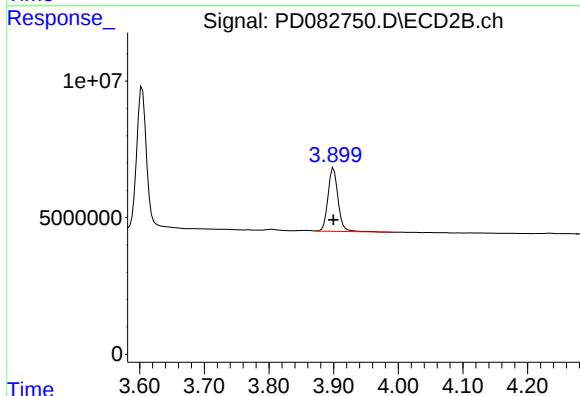
R.T.: 4.233 min
Delta R.T.: 0.011 min
Response: 210385
Conc: 0.04 ng/ml



#6 beta-BHC

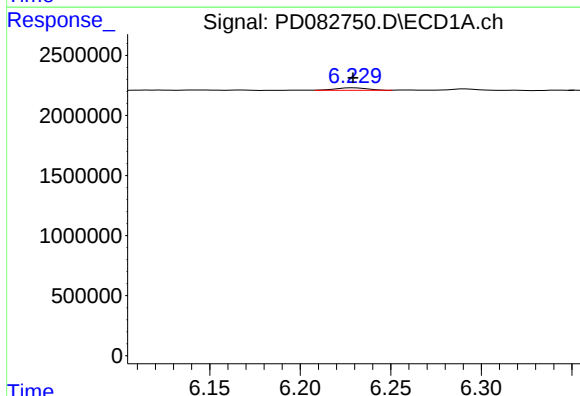
R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 10861521
Conc: 10.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



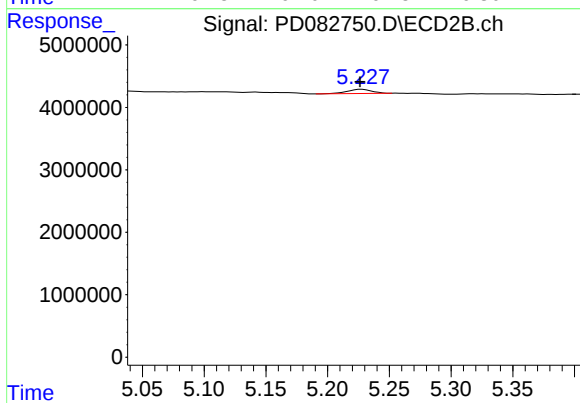
#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 24997455
Conc: 10.47 ng/ml



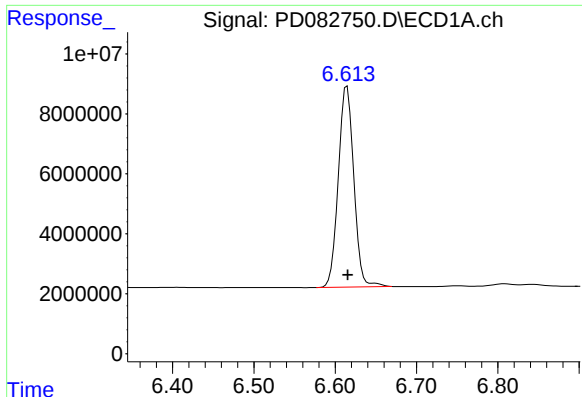
#12 4,4'-DDE

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 245066
Conc: 0.11 ng/ml



#12 4,4'-DDE

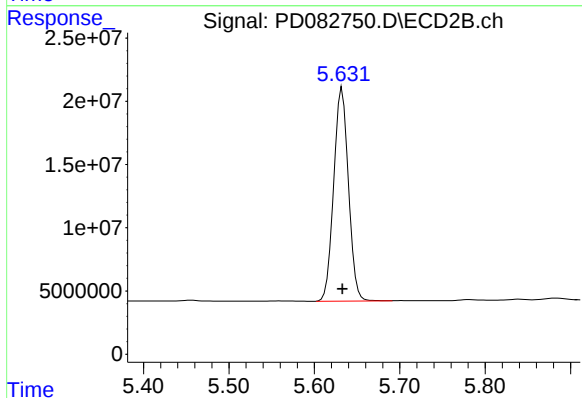
R.T.: 5.228 min
Delta R.T.: 0.002 min
Response: 937441
Conc: 0.20 ng/ml



#14 Endrin

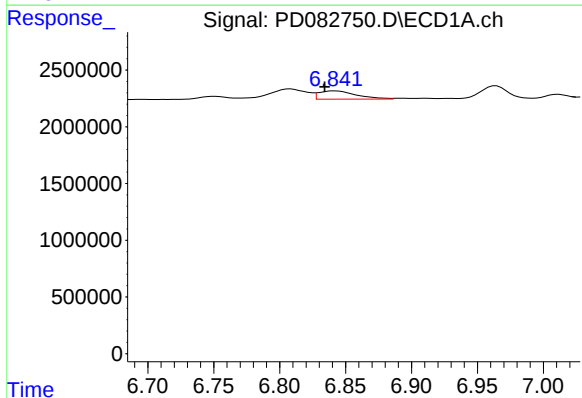
R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 88787767
Conc: 47.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



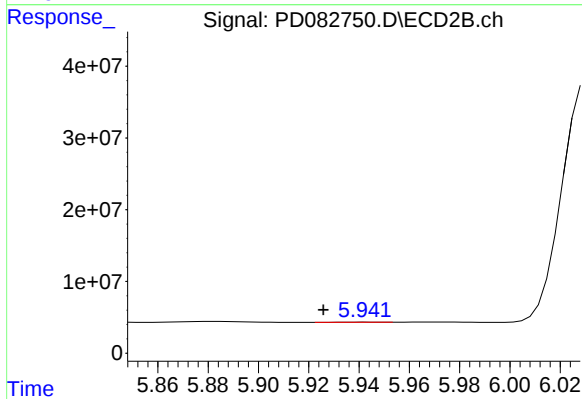
#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 202237044
Conc: 46.25 ng/ml



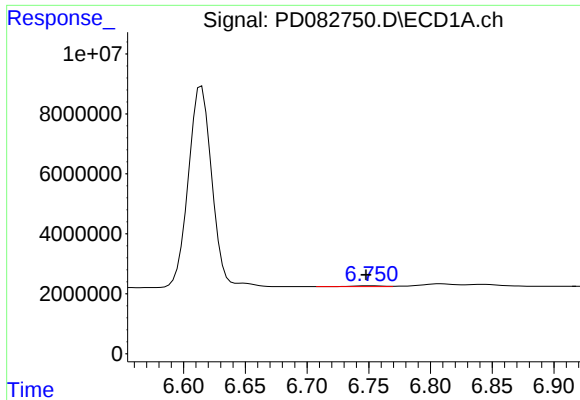
#15 Endosulfan II

R.T.: 6.842 min
Delta R.T.: 0.008 min
Response: 1441995
Conc: 0.72 ng/ml



#15 Endosulfan II

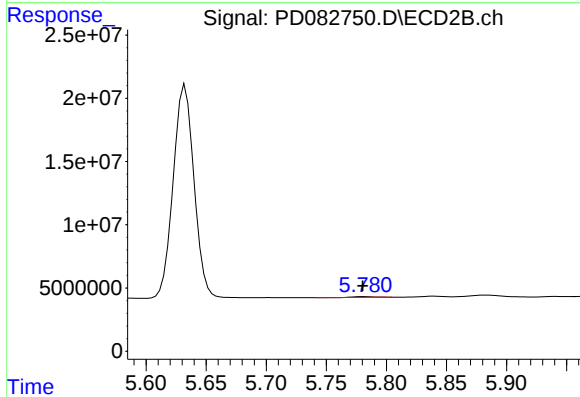
R.T.: 5.943 min
Delta R.T.: 0.017 min
Response: 211779
Conc: 0.05 ng/ml



#16 4,4'-DDD

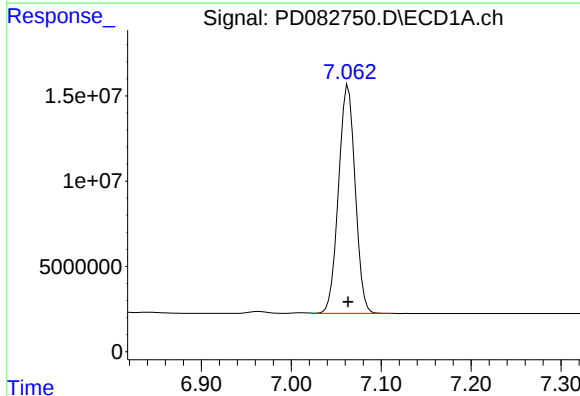
R.T.: 6.751 min
Delta R.T.: 0.003 min
Response: 401746
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



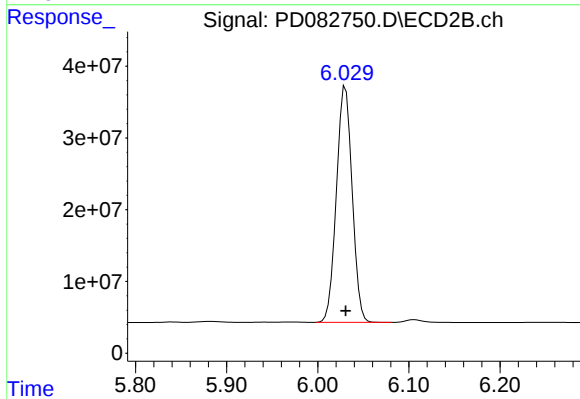
#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.002 min
Response: 614854
Conc: 0.16 ng/ml



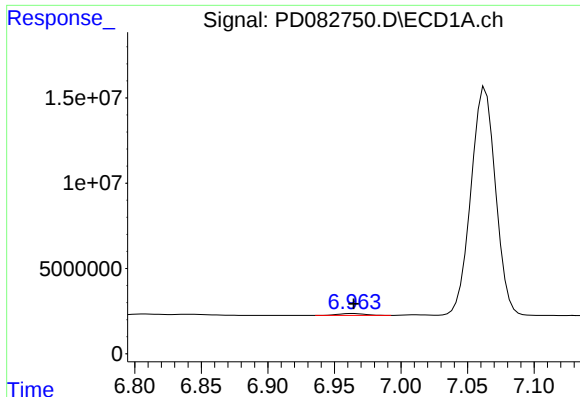
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 172201138
Conc: 102.01 ng/ml



#17 4,4'-DDT

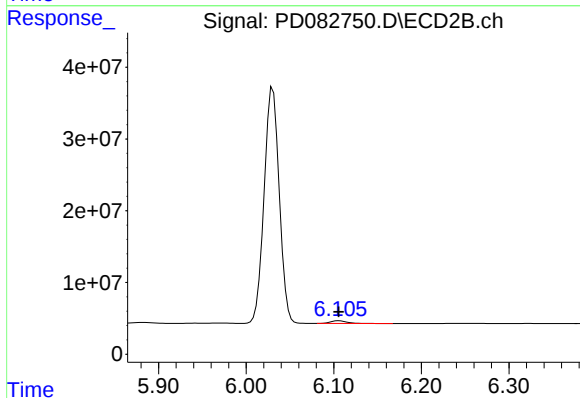
R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 394974196
Conc: 103.00 ng/ml



#18 Endrin aldehyde

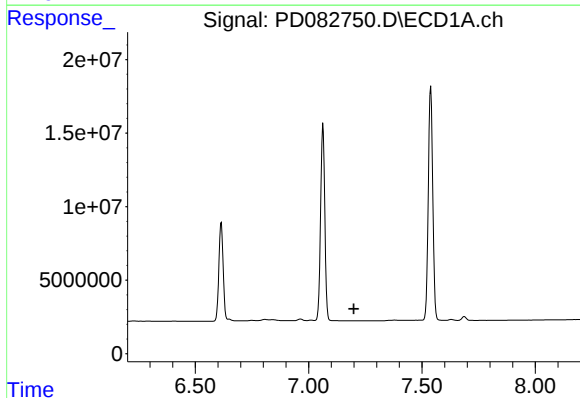
R.T.: 6.964 min
Delta R.T.: 0.000 min
Response: 1644665
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



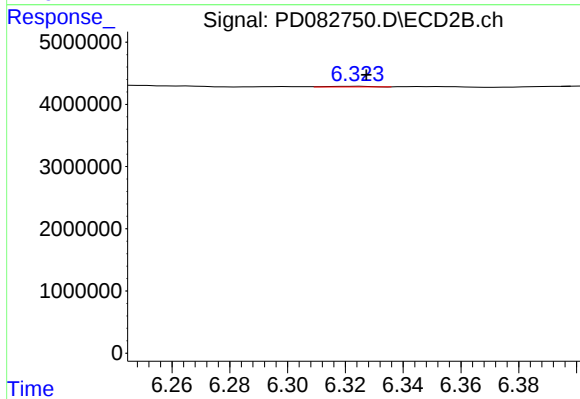
#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 4935651
Conc: 1.58 ng/ml



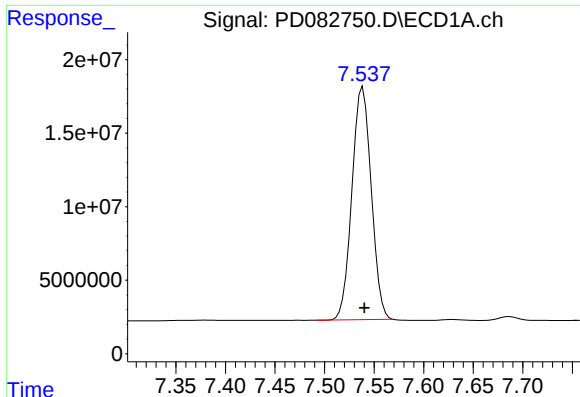
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

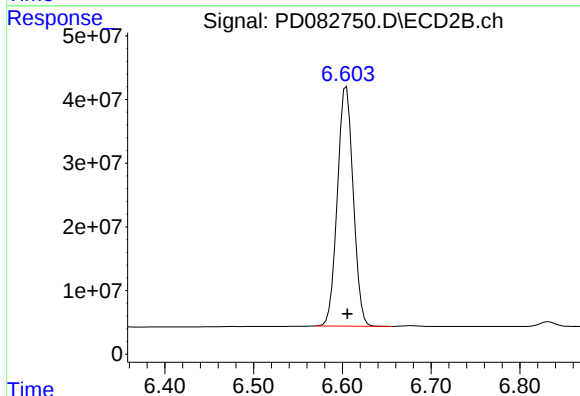
R.T.: 6.324 min
Delta R.T.: -0.003 min
Response: 97884
Conc: 0.02 ng/ml



#20 Methoxychlor

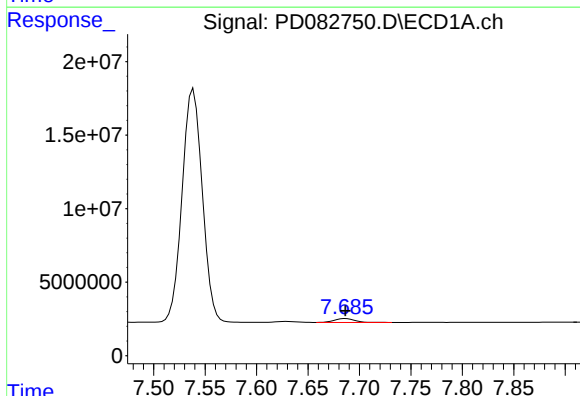
R.T.: 7.539 min
Delta R.T.: -0.002 min
Response: 214745661
Conc: 234.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



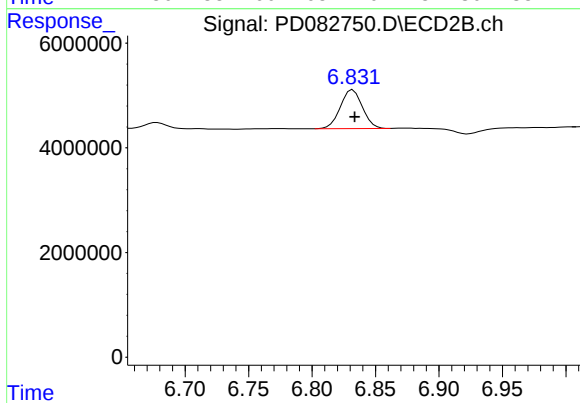
#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.001 min
Response: 466015666
Conc: 229.34 ng/ml



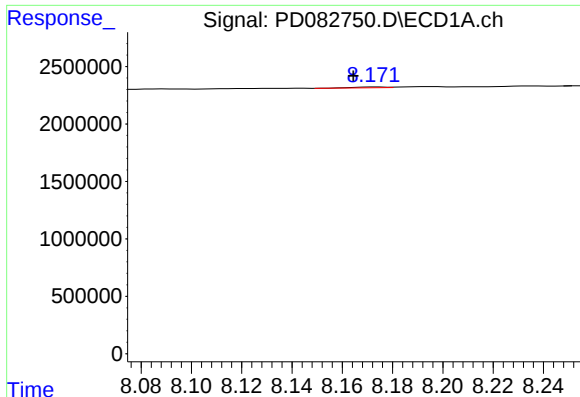
#21 Endrin ketone

R.T.: 7.687 min
Delta R.T.: 0.000 min
Response: 3532643
Conc: 1.84 ng/ml



#21 Endrin ketone

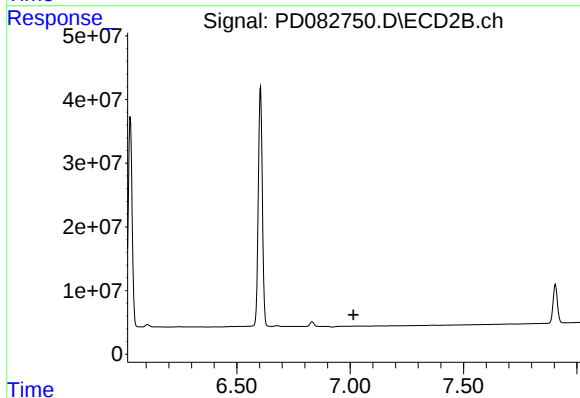
R.T.: 6.832 min
Delta R.T.: -0.001 min
Response: 9004726
Conc: 1.98 ng/ml



#22 Mirex

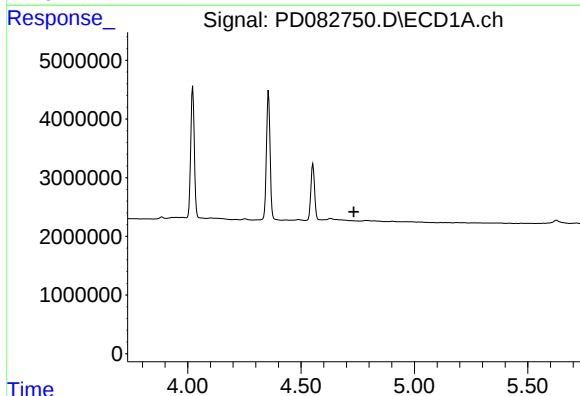
R.T.: 8.174 min
Delta R.T.: 0.010 min
Response: 53591
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



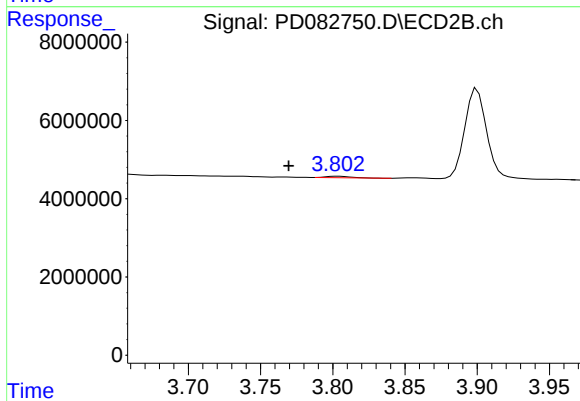
#22 Mirex

R.T.: 7.032 min
Delta R.T.: 0.017 min
Response: -62231
Conc: N.D.



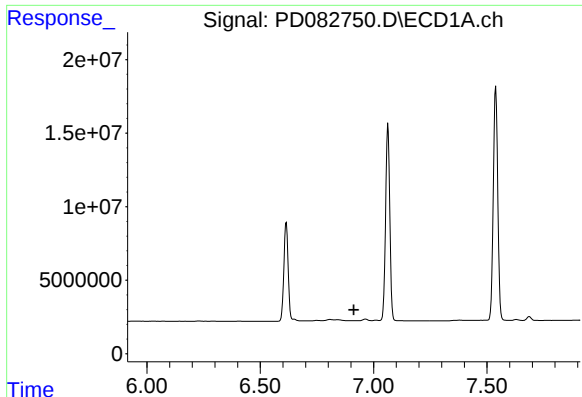
#23 Chlordane-1

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



#23 Chlordane-1

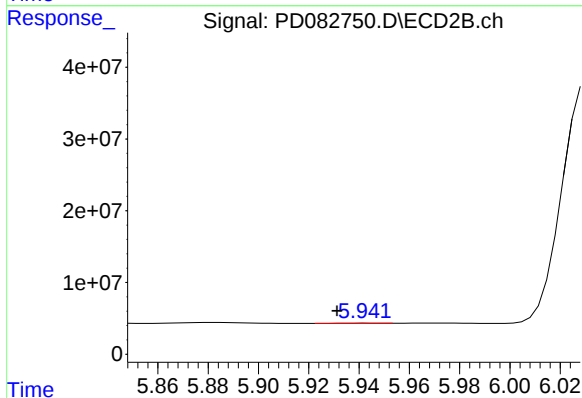
R.T.: 3.803 min
Delta R.T.: 0.034 min
Response: 443235
Conc: 2.42 ng/ml



#27 Chlordane-5

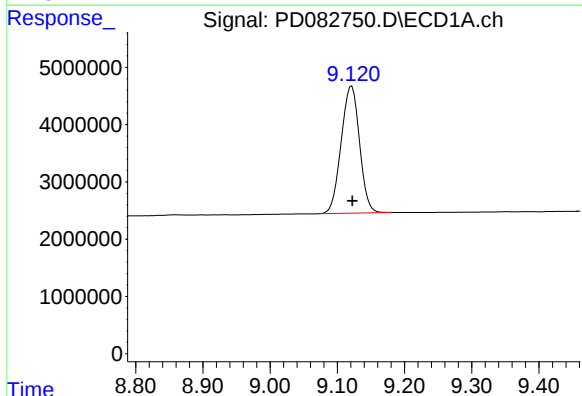
R.T.: 0.000 min
Exp R.T.: 6.913 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



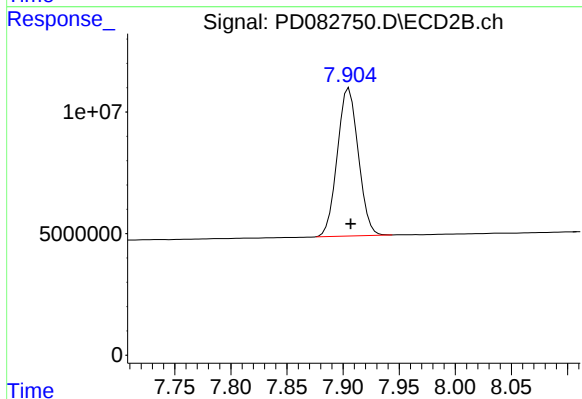
#27 Chlordane-5

R.T.: 5.943 min
Delta R.T.: 0.011 min
Response: 211779
Conc: 1.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: -0.001 min
Response: 42033624
Conc: 21.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 79106982
Conc: 20.47 ng/ml