

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071625\
 Data File : PD089495.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2025 10:51
 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 17 01:41:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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...	3.554	2.879	57381650	381.1E6	20.112	22.479
28)	SA Decachlor...	9.075	8.070	76778177	426.1E6	19.548	21.550
Target Compounds							
2)	A alpha-BHC	4.003	3.391	54998288	317.9E6	9.435	11.863 #
3)	MA gamma-BHC...	4.334	3.728	54400363	284.5E6	9.746	11.493
4)	MA Heptachlor	4.934	4.076	225860	1689816	0.041	0.067 #
5)	MB Aldrin	5.242f	4.361	35035	874314	0.007	0.036 #
6)	B beta-BHC	4.520	4.024	23388992	126.4E6	10.597	11.763
7)	B delta-BHC	4.780f	4.253	697986	288290	0.136	0.012 #
8)	B Heptachlo...	5.680	4.872	361430	5280769	0.075	0.241 #
9)	A Endosulfan I	0.000	5.232f	0	3448703	N.D.	0.165 #
10)	B gamma-Chl...	5.946	5.124	372315	37743924	0.078	1.578 #
11)	B alpha-Chl...	6.035	5.185	896833	8876156	0.185	0.388 #
12)	B 4,4'-DDE	6.200	5.374	595269	4520018	0.136	0.197 #
13)	MA Dieldrin	6.370f	5.508	1948252	139508	0.406	0.006 #
14)	MA Endrin	6.577	5.787	190.2E6	1023.6E6	46.100	47.140
15)	B Endosulfa...	6.774	6.085	295043	9149311	0.073	0.453 #
16)	A 4,4'-DDD	6.708	5.927	18083177	121.4E6	5.269	6.344
17)	MA 4,4'-DDT	7.024	6.182	324.9E6	1796.0E6	85.757	88.563
18)	B Endrin al...	6.918	6.256	2543572	21372026	0.830	1.396 #
19)	B Endosulfa...	0.000	6.463f	0	2147999	N.D.	0.109 #
20)	A Methoxychlor	7.496	6.752	392.1E6	1796.6E6	194.044	166.845
21)	B Endrin ke...	7.633	6.988	9304502	82474027	2.284	3.818 #
22)	Mirex	0.000	7.174	0	24592636	N.D.	1.475 #
23)	Chlordane-1	0.000	3.900	0	1200194	N.D.	1.287 #
24)	Chlordane-2	5.242	4.485	35035	4407361	0.160	4.631 #
25)	Chlordane-3	5.946	5.124	372315	37743924	0.432	12.708 #
26)	Chlordane-4	6.035	5.185	896833	8876156	0.854	3.541 #
27)	Chlordane-5	6.877	6.085	46892	9149311	0.257	8.085 #

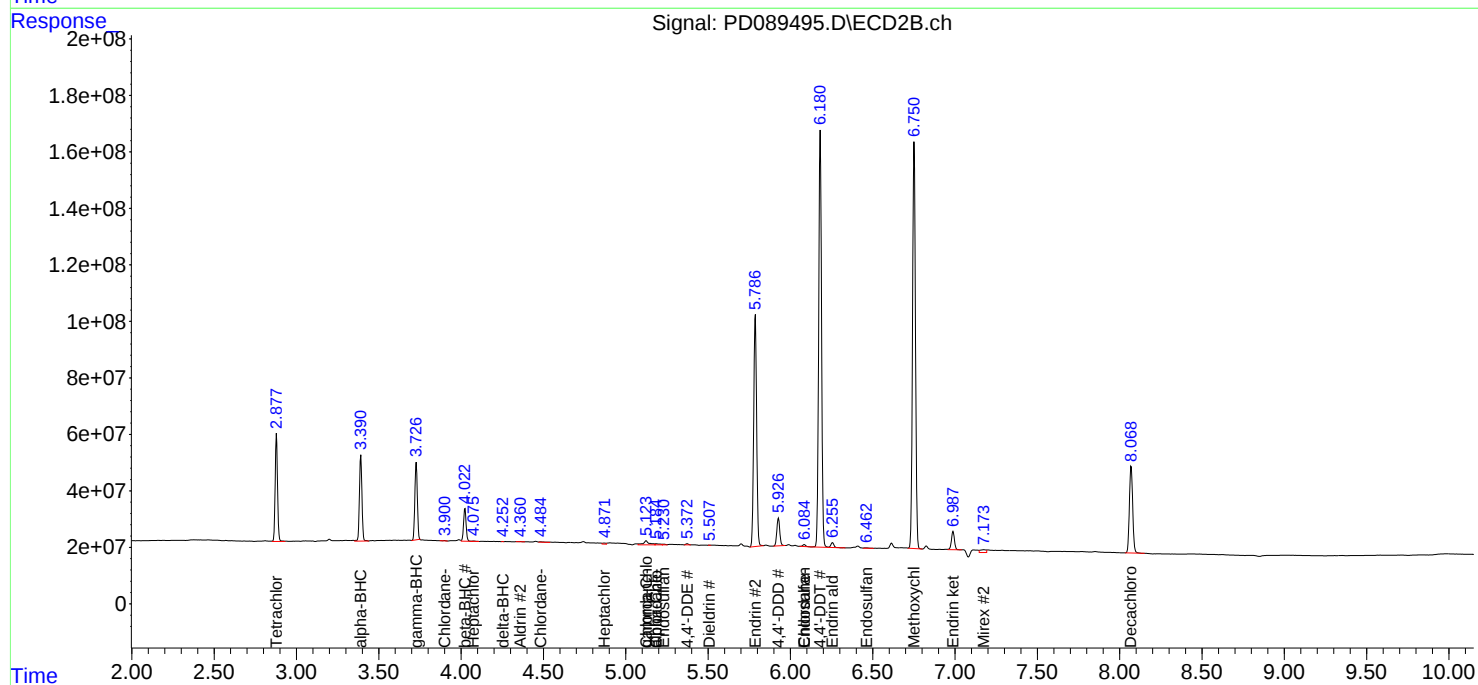
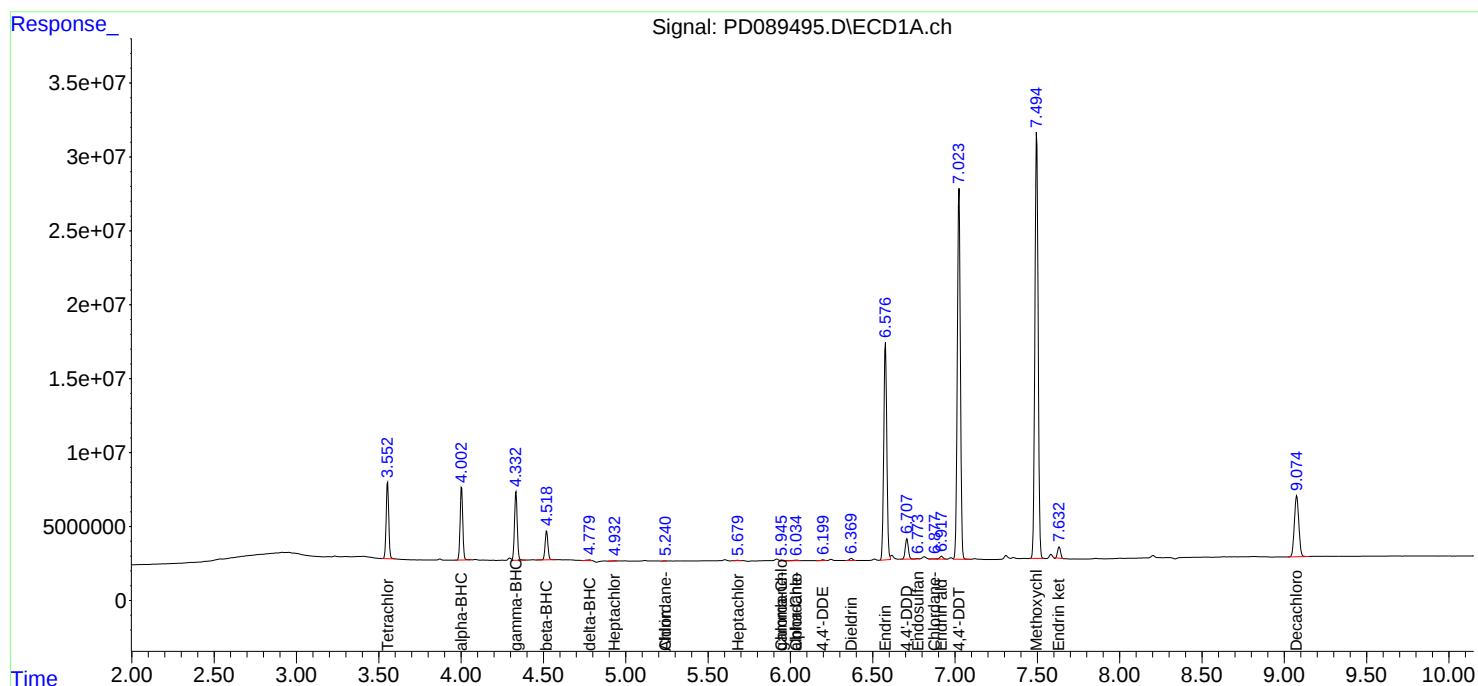
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

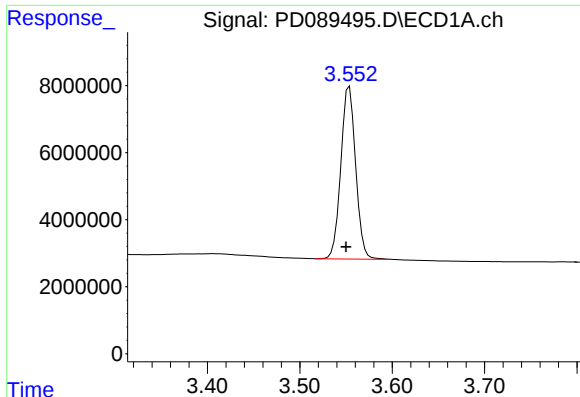
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071625\
Data File : PD089495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 10:51
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 01:41:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 2025
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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

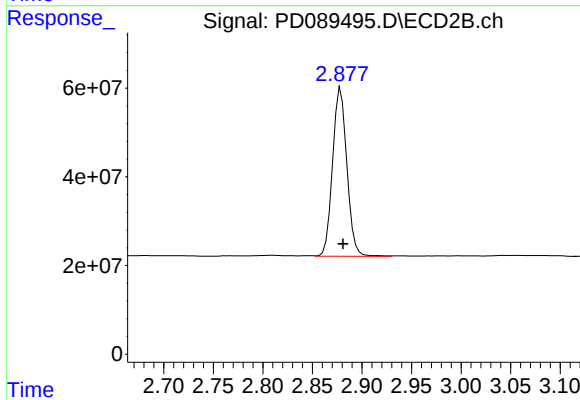




#1 Tetrachloro-m-xylene

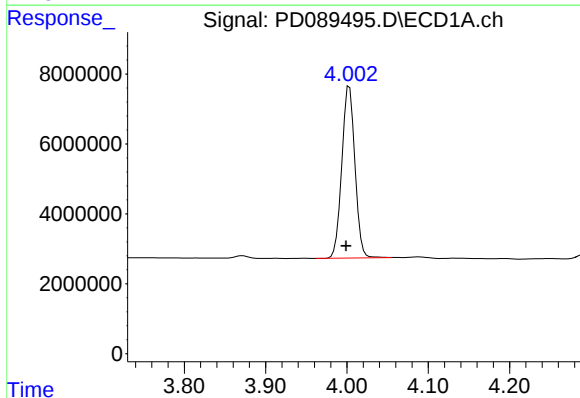
R.T.: 3.554 min
Delta R.T.: 0.004 min
Response: 57381650
Conc: 20.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



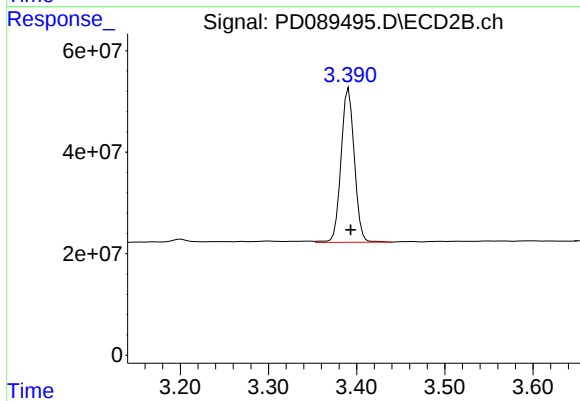
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.002 min
Response: 381095402
Conc: 22.48 ng/ml



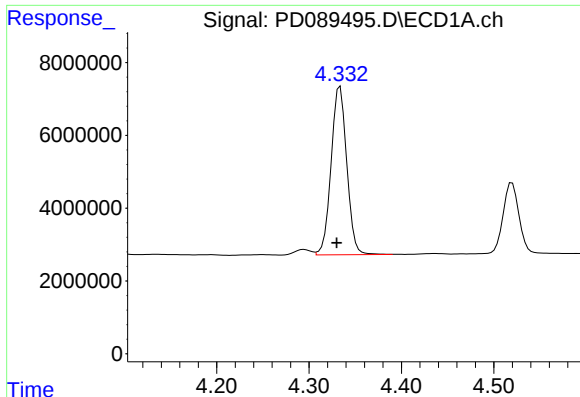
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.004 min
Response: 54998288
Conc: 9.44 ng/ml



#2 alpha-BHC

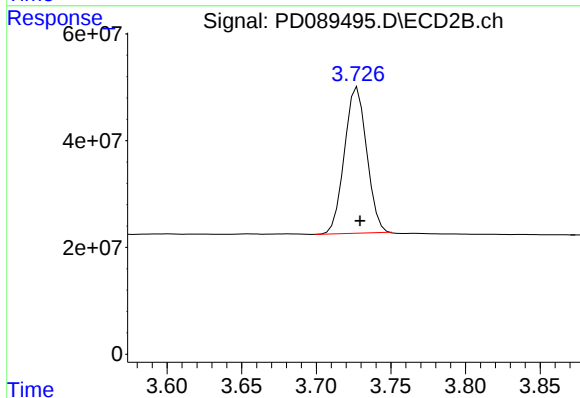
R.T.: 3.391 min
Delta R.T.: -0.002 min
Response: 317899289
Conc: 11.86 ng/ml



#3 gamma-BHC (Lindane)

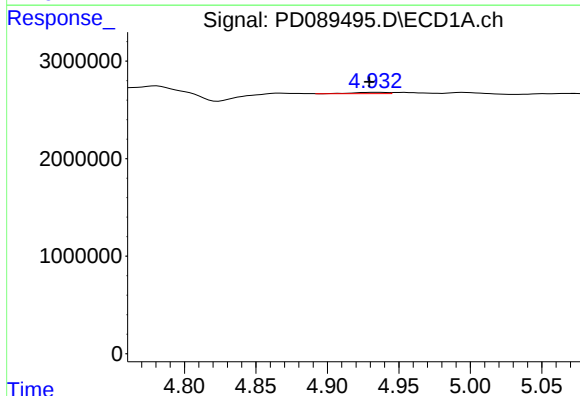
R.T.: 4.334 min
Delta R.T.: 0.004 min
Response: 54400363
Conc: 9.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



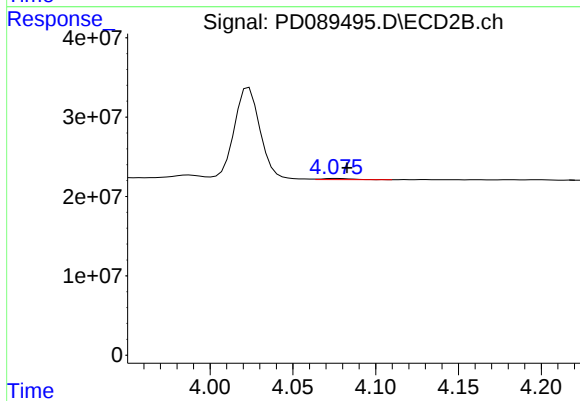
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.002 min
Response: 284537841
Conc: 11.49 ng/ml



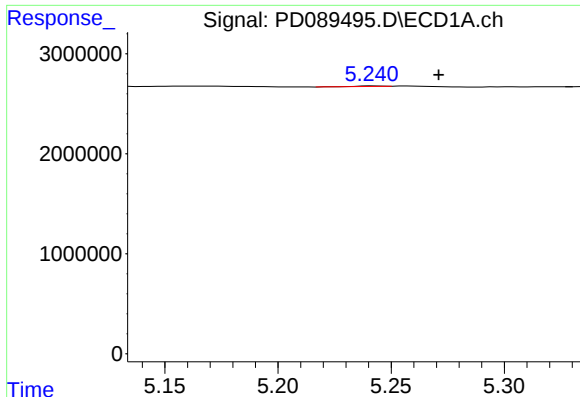
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.005 min
Response: 225860
Conc: 0.04 ng/ml



#4 Heptachlor

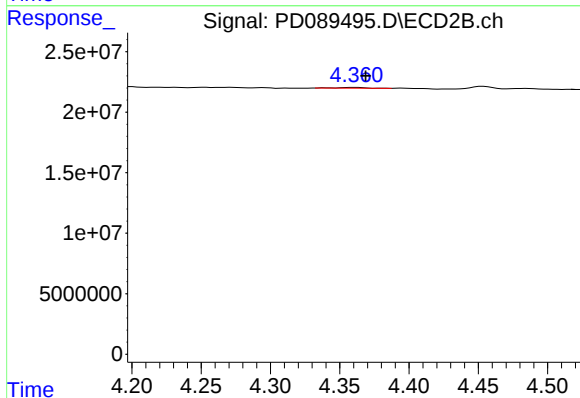
R.T.: 4.076 min
Delta R.T.: -0.007 min
Response: 1689816
Conc: 0.07 ng/ml



#5 Aldrin

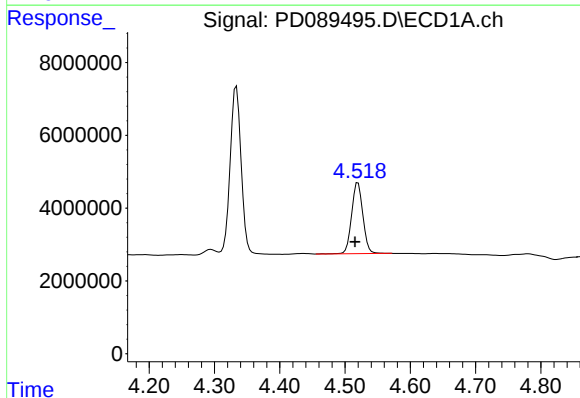
R.T.: 5.242 min
Delta R.T.: -0.029 min
Response: 35035
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



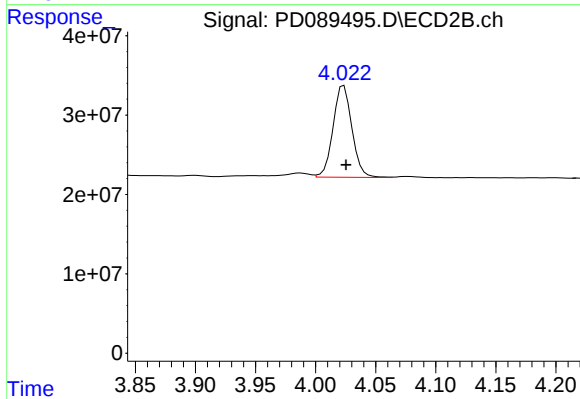
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.008 min
Response: 874314
Conc: 0.04 ng/ml



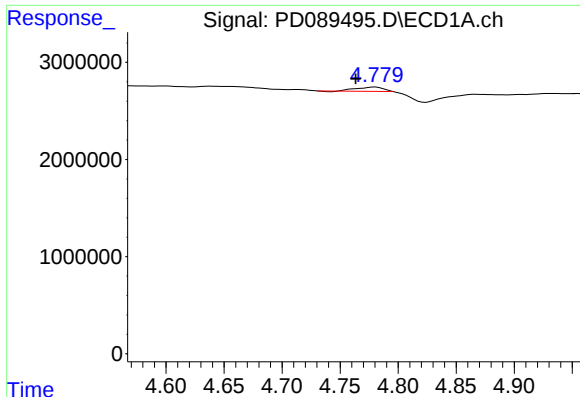
#6 beta-BHC

R.T.: 4.520 min
Delta R.T.: 0.004 min
Response: 23388992
Conc: 10.60 ng/ml



#6 beta-BHC

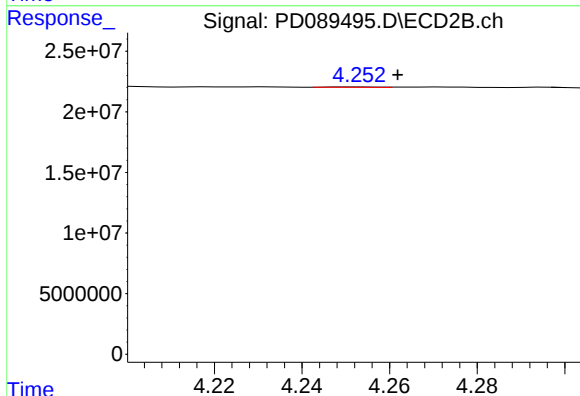
R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 126405465
Conc: 11.76 ng/ml



#7 delta-BHC

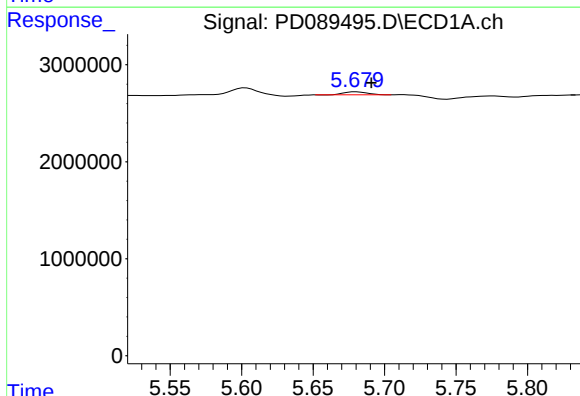
R.T.: 4.780 min
Delta R.T.: 0.017 min
Response: 697986
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



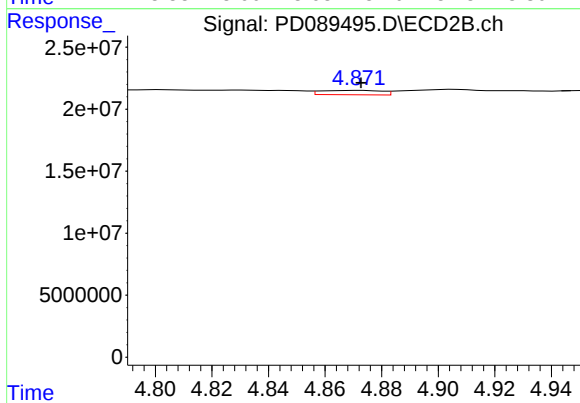
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.009 min
Response: 288290
Conc: 0.01 ng/ml



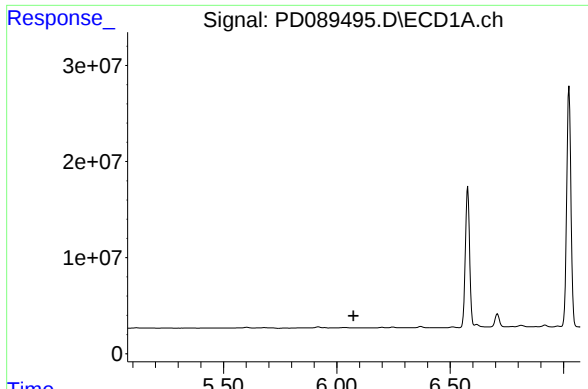
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.010 min
Response: 361430
Conc: 0.07 ng/ml



#8 Heptachlor epoxide

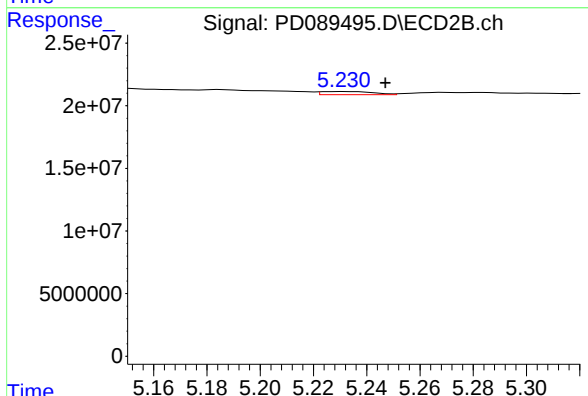
R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 5280769
Conc: 0.24 ng/ml



#9 Endosulfan I

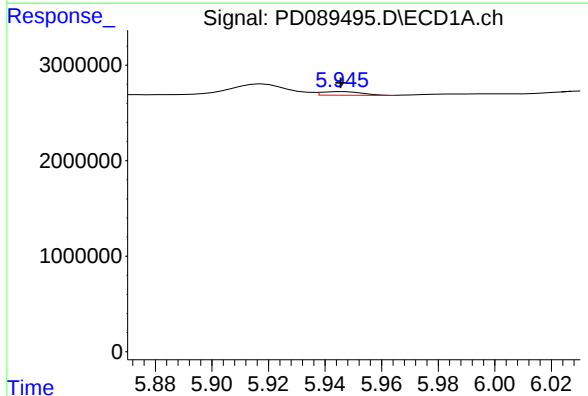
R.T.: 0.000 min
Exp R.T.: 6.074 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



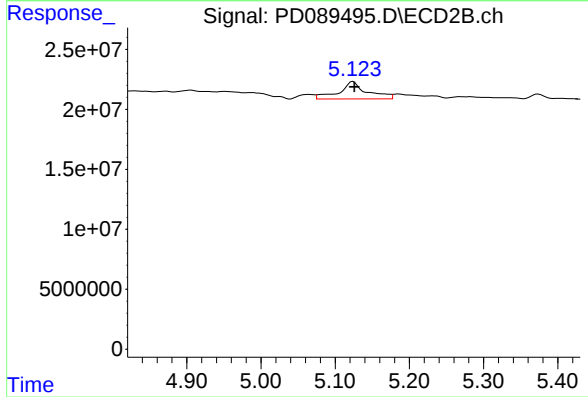
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: -0.015 min
Response: 3448703
Conc: 0.17 ng/ml



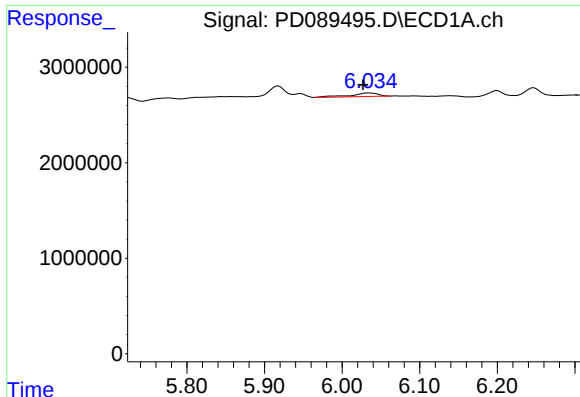
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 372315
Conc: 0.08 ng/ml



#10 gamma-Chlordane

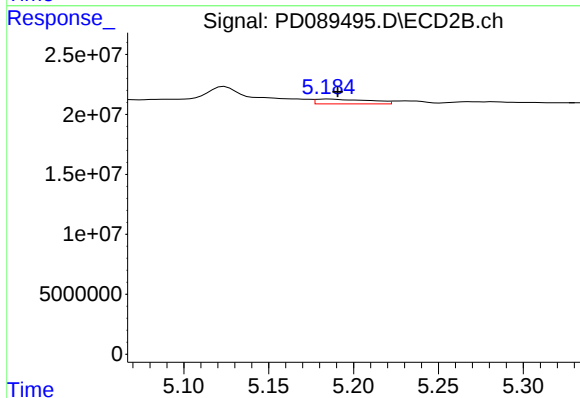
R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 37743924
Conc: 1.58 ng/ml



#11 alpha-Chlordane

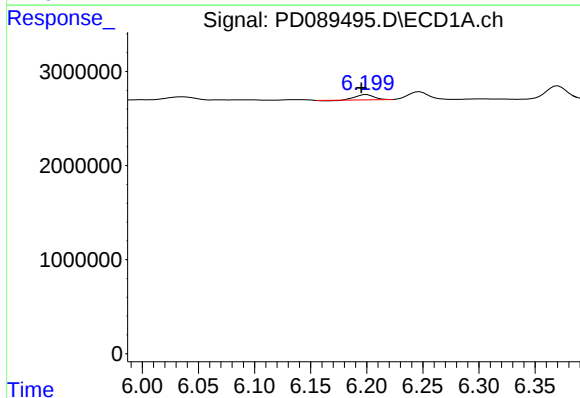
R.T.: 6.035 min
Delta R.T.: 0.009 min
Response: 896833
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



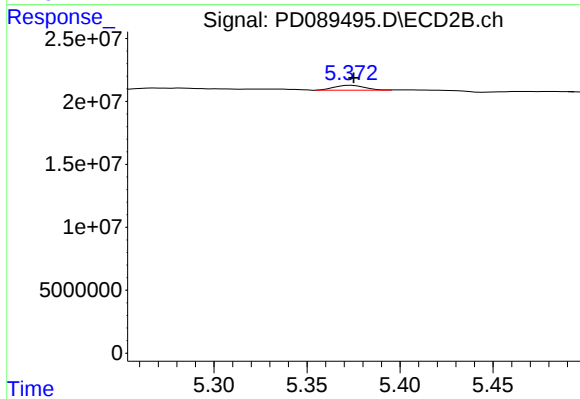
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: -0.006 min
Response: 8876156
Conc: 0.39 ng/ml



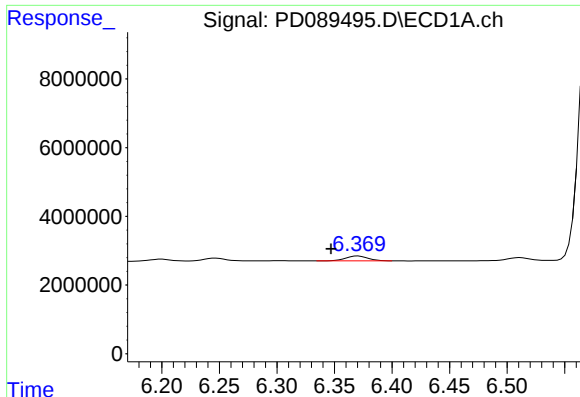
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.005 min
Response: 595269
Conc: 0.14 ng/ml



#12 4,4'-DDE

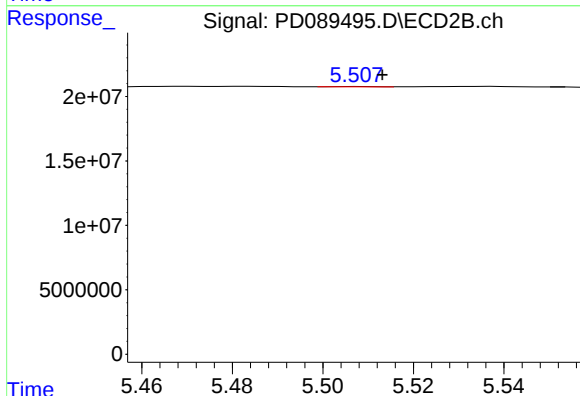
R.T.: 5.374 min
Delta R.T.: -0.001 min
Response: 4520018
Conc: 0.20 ng/ml



#13 Dieldrin

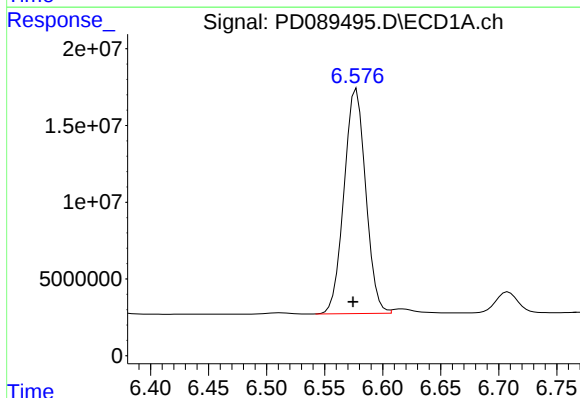
R.T.: 6.370 min
Delta R.T.: 0.024 min
Response: 1948252
Conc: 0.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



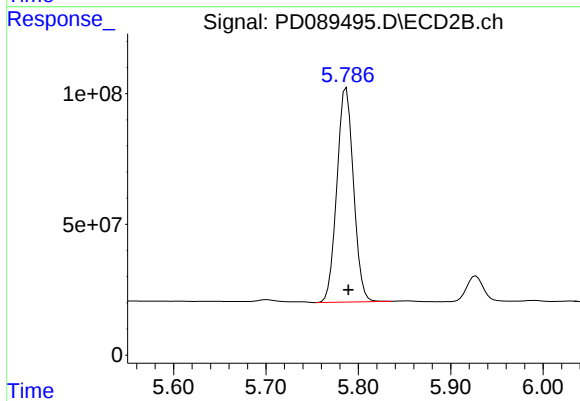
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: -0.005 min
Response: 139508
Conc: 0.01 ng/ml



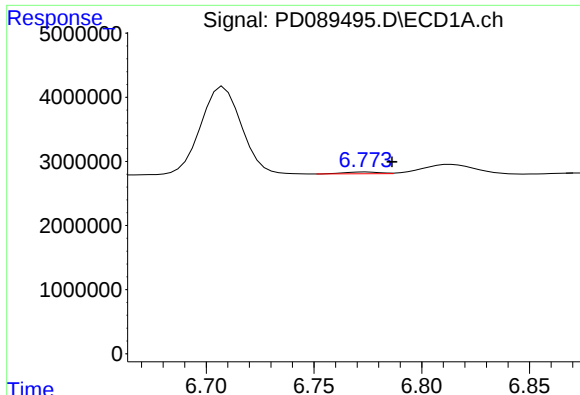
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.003 min
Response: 190189410
Conc: 46.10 ng/ml



#14 Endrin

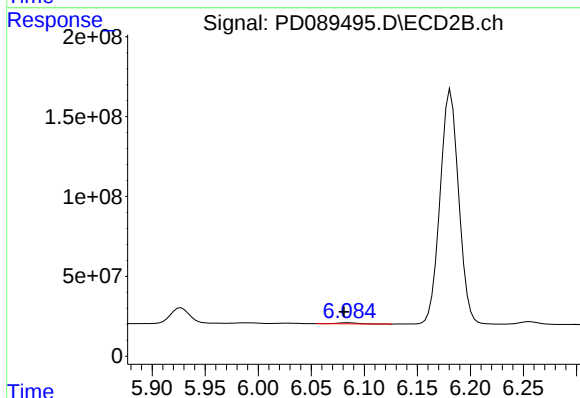
R.T.: 5.787 min
Delta R.T.: -0.002 min
Response: 1023597158
Conc: 47.14 ng/ml



#15 Endosulfan II

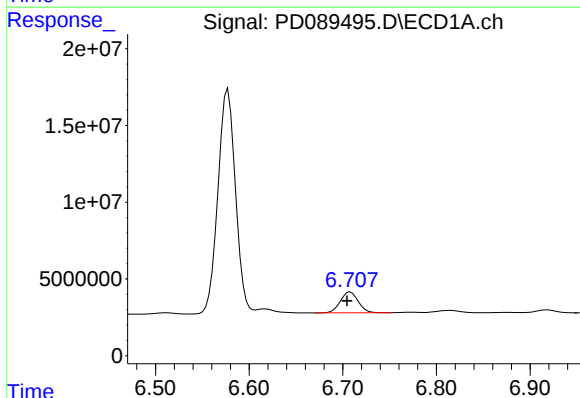
R.T.: 6.774 min
Delta R.T.: -0.012 min
Response: 295043
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



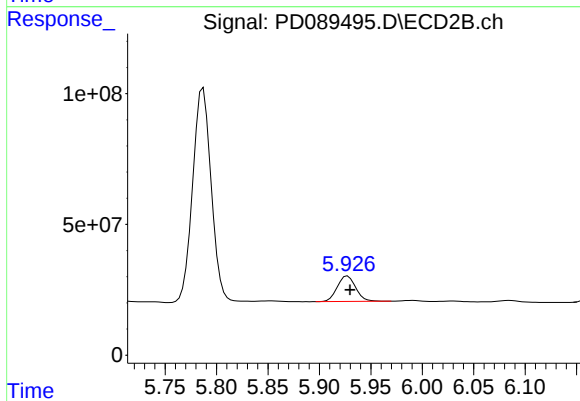
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.004 min
Response: 9149311
Conc: 0.45 ng/ml



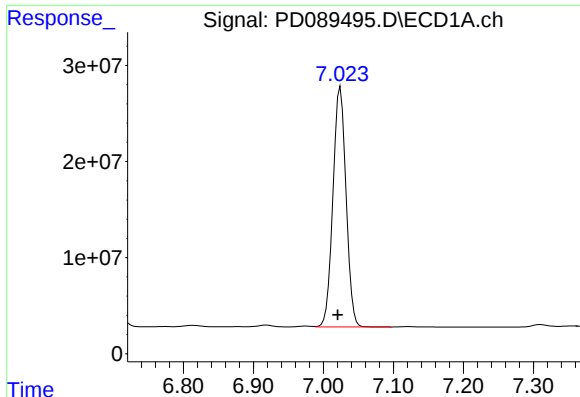
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.004 min
Response: 18083177
Conc: 5.27 ng/ml



#16 4,4'-DDD

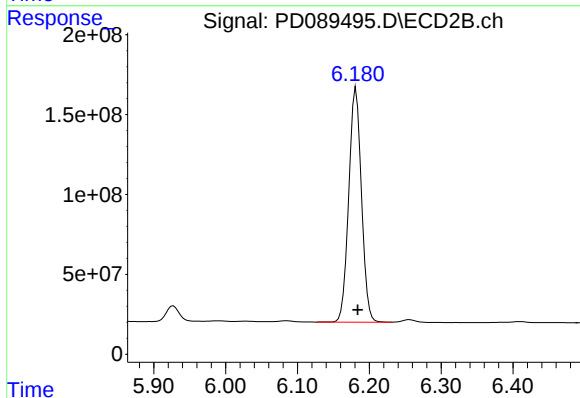
R.T.: 5.927 min
Delta R.T.: -0.002 min
Response: 121356533
Conc: 6.34 ng/ml



#17 4,4'-DDT

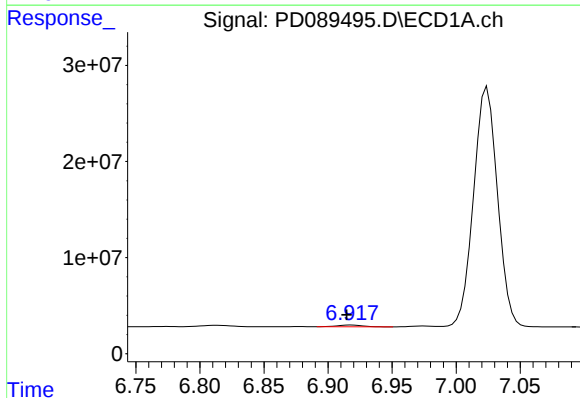
R.T.: 7.024 min
Delta R.T.: 0.004 min
Response: 324864940
Conc: 85.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



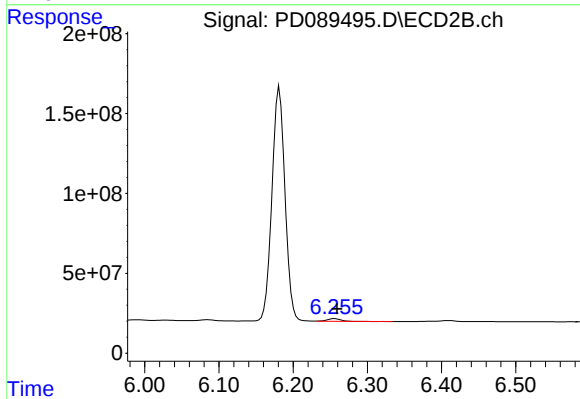
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.003 min
Response: 1795988588
Conc: 88.56 ng/ml



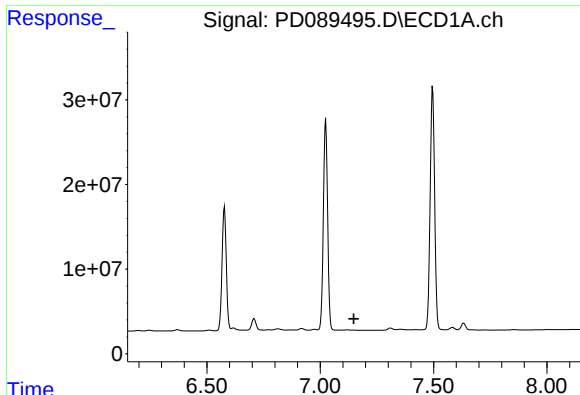
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: 0.003 min
Response: 2543572
Conc: 0.83 ng/ml



#18 Endrin aldehyde

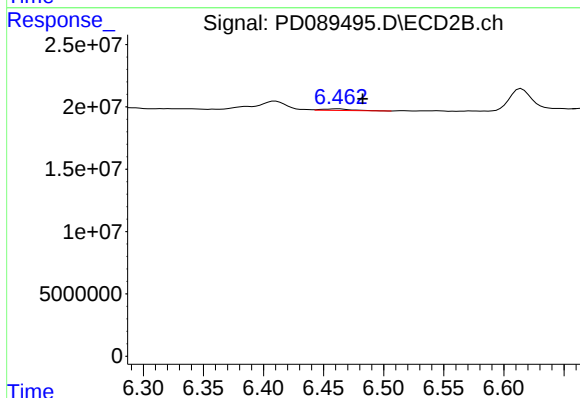
R.T.: 6.256 min
Delta R.T.: -0.003 min
Response: 21372026
Conc: 1.40 ng/ml



#19 Endosulfan Sulfate

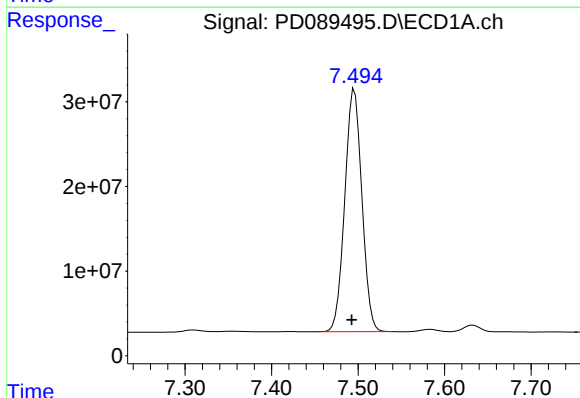
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



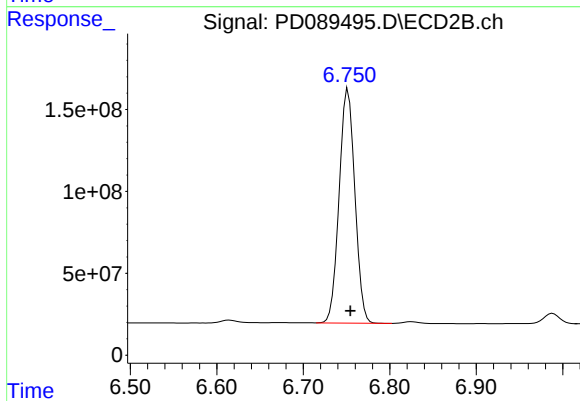
#19 Endosulfan Sulfate

R.T.: 6.463 min
Delta R.T.: -0.020 min
Response: 2147999
Conc: 0.11 ng/ml



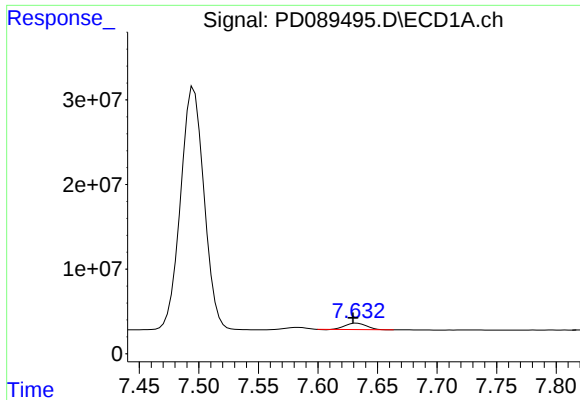
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: 0.003 min
Response: 392090644
Conc: 194.04 ng/ml



#20 Methoxychlor

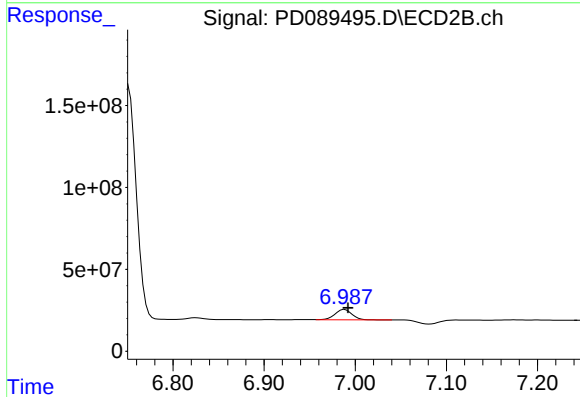
R.T.: 6.752 min
Delta R.T.: -0.003 min
Response: 1796600751
Conc: 166.85 ng/ml



#21 Endrin ketone

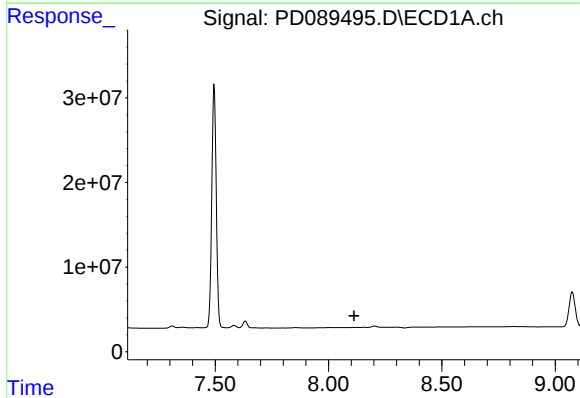
R.T.: 7.633 min
Delta R.T.: 0.004 min
Response: 9304502
Conc: 2.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



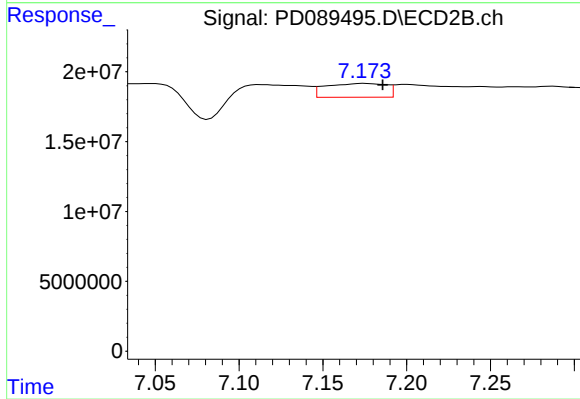
#21 Endrin ketone

R.T.: 6.988 min
Delta R.T.: -0.004 min
Response: 82474027
Conc: 3.82 ng/ml



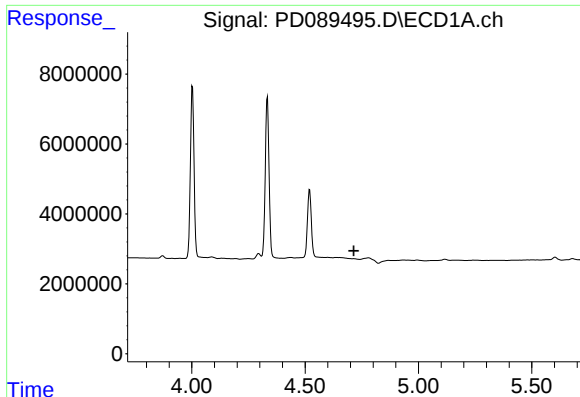
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.113 min
Response: 0
Conc: N.D.



#22 Mirex

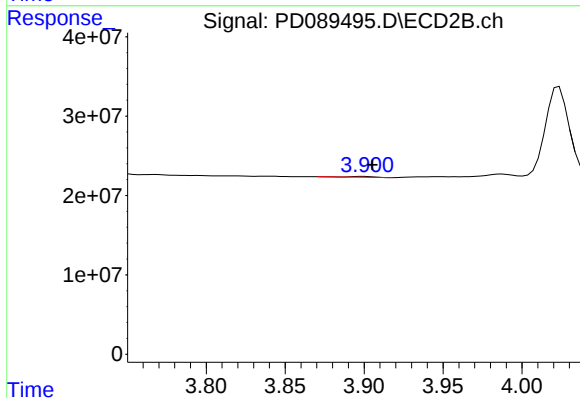
R.T.: 7.174 min
Delta R.T.: -0.011 min
Response: 24592636
Conc: 1.47 ng/ml



#23 Chlordane-1

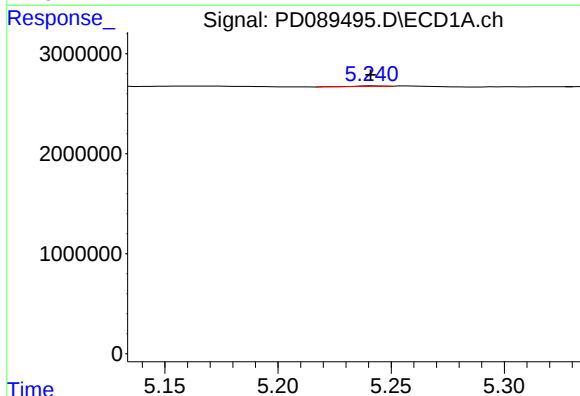
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



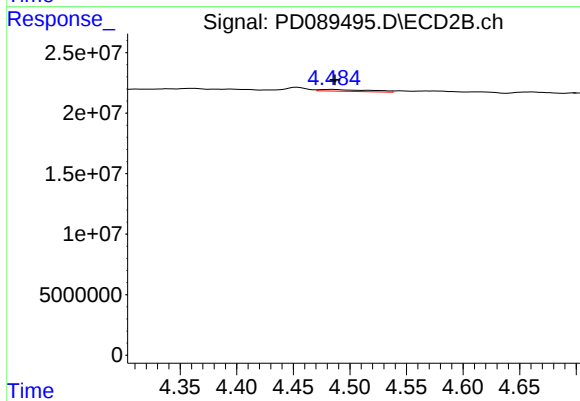
#23 Chlordane-1

R.T.: 3.900 min
Delta R.T.: -0.006 min
Response: 1200194
Conc: 1.29 ng/ml



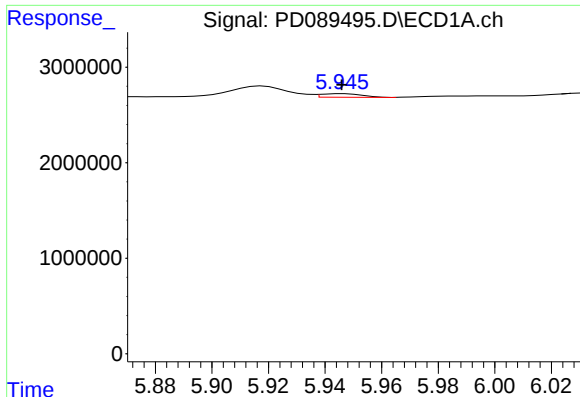
#24 Chlordane-2

R.T.: 5.242 min
Delta R.T.: 0.001 min
Response: 35035
Conc: 0.16 ng/ml



#24 Chlordane-2

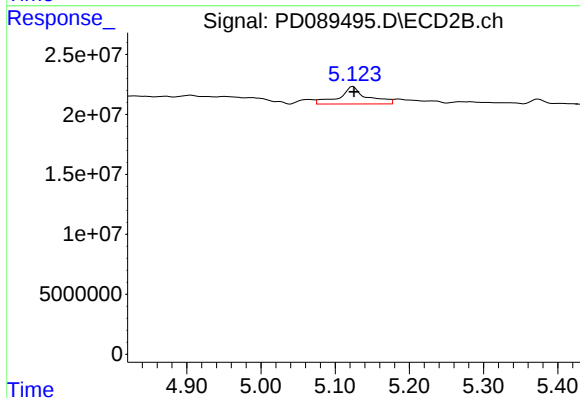
R.T.: 4.485 min
Delta R.T.: -0.002 min
Response: 4407361
Conc: 4.63 ng/ml



#25 Chlordane-3

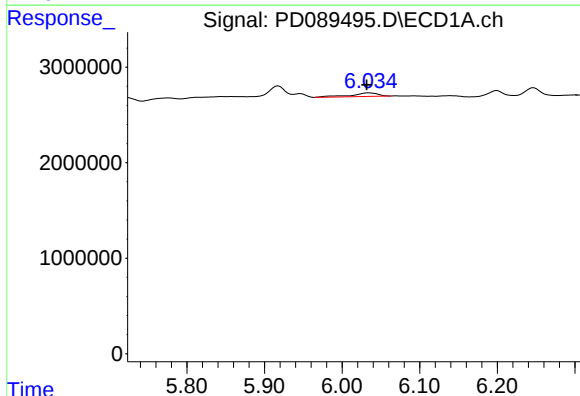
R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 372315
Conc: 0.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



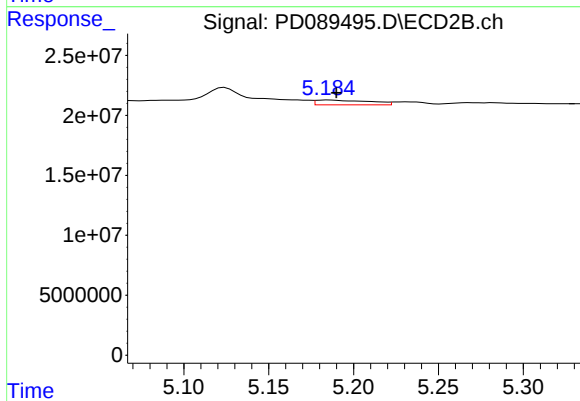
#25 Chlordane-3

R.T.: 5.124 min
Delta R.T.: -0.001 min
Response: 37743924
Conc: 12.71 ng/ml



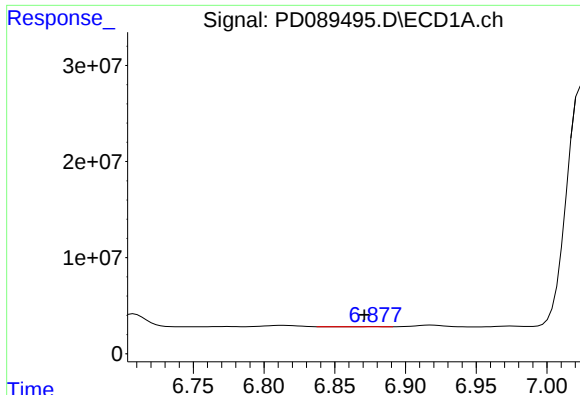
#26 Chlordane-4

R.T.: 6.035 min
Delta R.T.: 0.004 min
Response: 896833
Conc: 0.85 ng/ml



#26 Chlordane-4

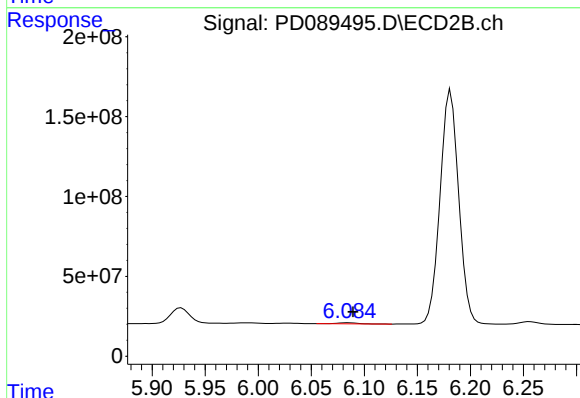
R.T.: 5.185 min
Delta R.T.: -0.005 min
Response: 8876156
Conc: 3.54 ng/ml



#27 Chlordane-5

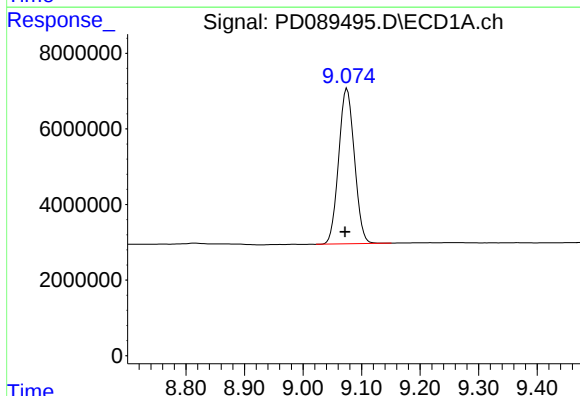
R.T.: 6.877 min
Delta R.T.: 0.006 min
Response: 46892
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



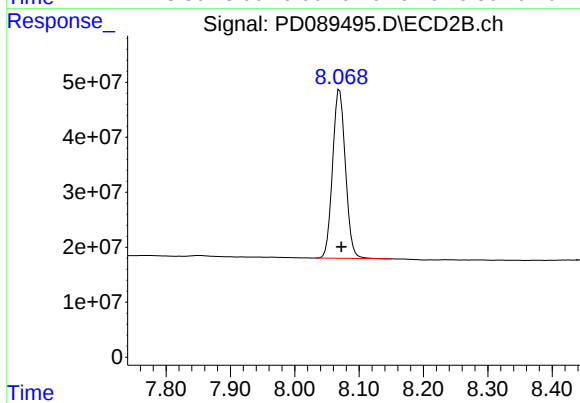
#27 Chlordane-5

R.T.: 6.085 min
Delta R.T.: -0.005 min
Response: 9149311
Conc: 8.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.003 min
Response: 76778177
Conc: 19.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: -0.002 min
Response: 426050750
Conc: 21.55 ng/ml