

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070225\
 Data File : PD089288.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 19:21
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:50:34 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...	3.550	2.881	53669144	342.4E6	18.811	20.196
28)	SA Decachlor...	9.072	8.071	69751872	341.6E6	17.759	17.278
Target Compounds							
2)	A alpha-BHC	3.999	3.393	50380963	283.9E6	8.643	10.595
3)	MA gamma-BHC...	4.330	3.729	50837015	247.7E6	9.108	10.004
4)	MA Heptachlor	4.929	4.082	1094963	5675924	0.201	0.227
5)	MB Aldrin	5.247f	4.368	948013	832821	0.178	0.034 #
6)	B beta-BHC	4.516	4.025	21114096	107.4E6	9.566	9.993
7)	B delta-BHC	4.774	4.263	860908	1246685	0.168	0.050 #
8)	B Heptachlo...	5.679	4.871	2515535	115.9E6	0.521	5.294 #
9)	A Endosulfan I	6.103f	5.228f	878102	22567000	0.195	1.083 #
10)	B gamma-Chl...	5.945	5.126	2972740	96555893	0.621	4.036 #
11)	B alpha-Chl...	6.031	5.189	4032377	59444622	0.833	2.596 #
12)	B 4,4'-DDE	6.193	5.375	659131	17100602	0.151	0.746 #
13)	MA Dieldrin	6.366f	5.505	1785010	12916056	0.372	0.557 #
14)	MA Endrin	6.574	5.789	178.2E6	976.0E6	43.192	44.948
15)	B Endosulfa...	6.772	6.087	1310849	16086529	0.325	0.796 #
16)	A 4,4'-DDD	6.704	5.929	22568861	111.7E6	6.576	5.841
17)	MA 4,4'-DDT	7.021	6.183	282.3E6	1485.5E6	74.532	73.252
18)	B Endrin al...	6.915	6.257	2694697	18199293	0.879	1.189 #
19)	B Endosulfa...	0.000	6.464f	0	5071214	N.D.	0.258 #
20)	A Methoxychlor	7.493	6.753	341.1E6	1641.0E6	168.786	152.396
21)	B Endrin ke...	7.629	6.990	7636554	61808940	1.875	2.861 #
22)	Mirex	8.118	7.178	862885	24285990	0.284	1.456 #
23)	Chlordane-1	4.713	3.904	332825	3072305	1.555	3.296 #
24)	Chlordane-2	5.247	4.488	948013	115.8E6	4.342	121.735 #
25)	Chlordane-3	5.945	5.126	2972740	96555893	3.447	32.508 #
26)	Chlordane-4	6.031	5.189	4032377	59444622	3.838	23.714 #
27)	Chlordane-5	6.870	6.087	710043	16086529	3.885	14.215 #

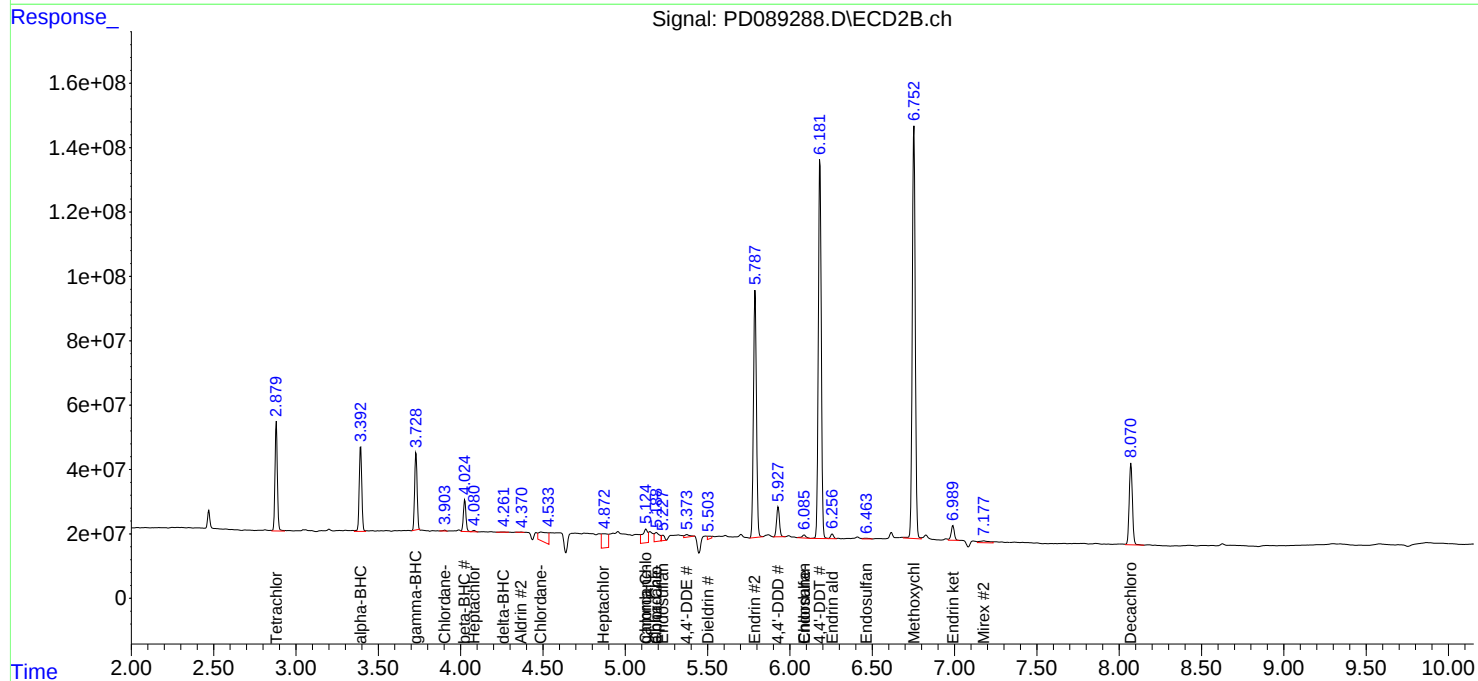
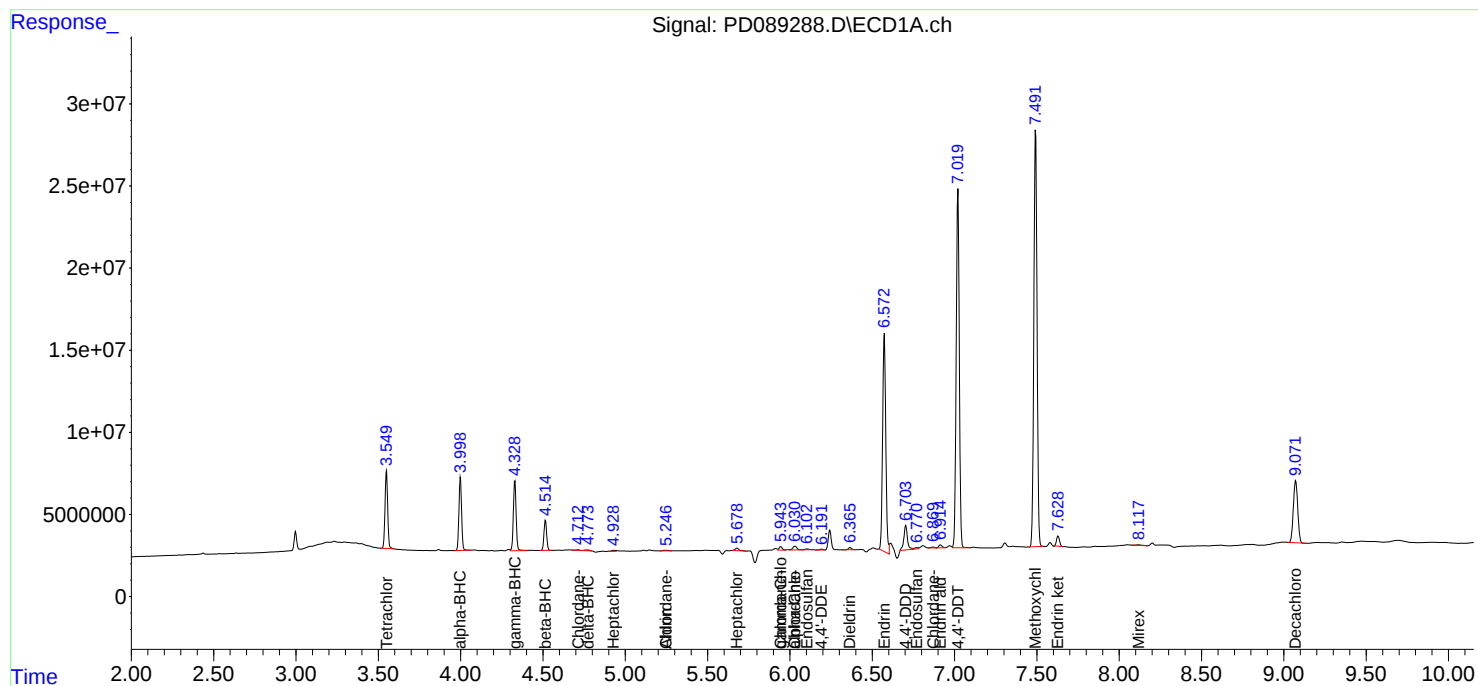
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

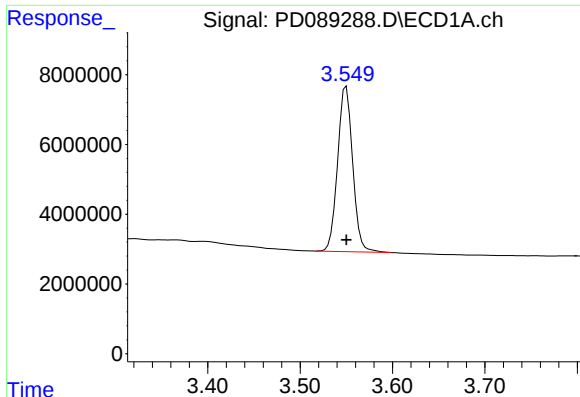
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070225\
Data File : PD089288.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 19:21
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:50:34 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
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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

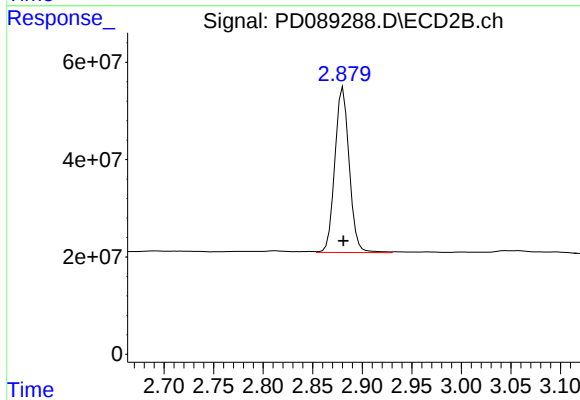




#1 Tetrachloro-m-xylene

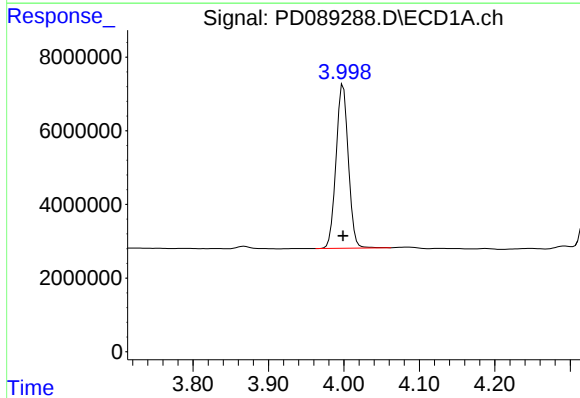
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 53669144
Conc: 18.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



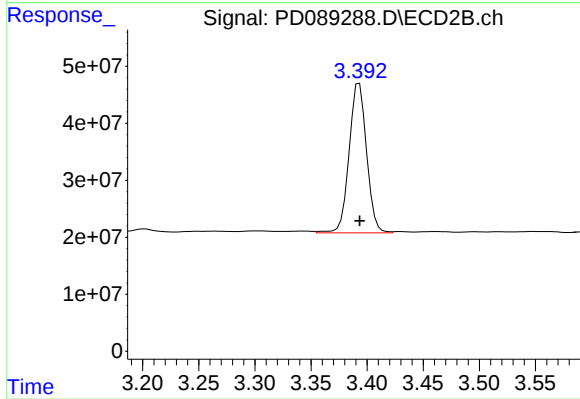
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 342379402
Conc: 20.20 ng/ml



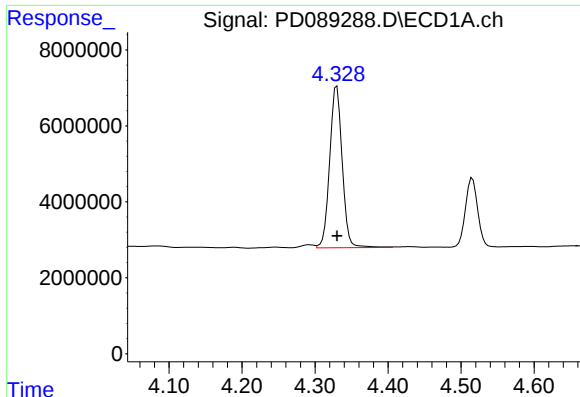
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 50380963
Conc: 8.64 ng/ml



#2 alpha-BHC

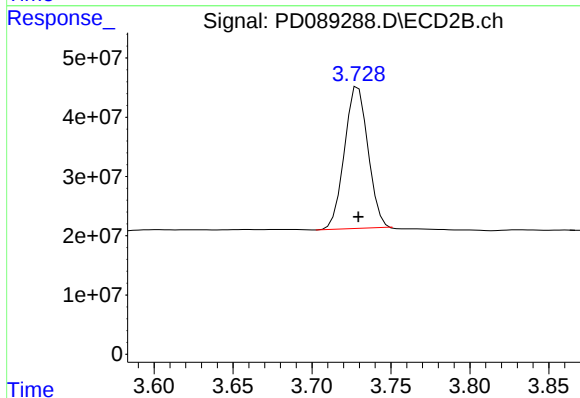
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 283917067
Conc: 10.60 ng/ml



#3 gamma-BHC (Lindane)

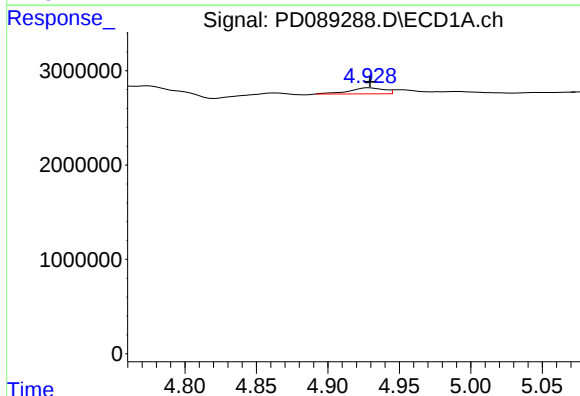
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 50837015
Conc: 9.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



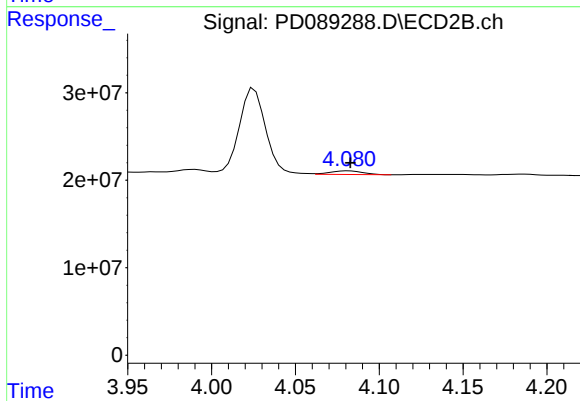
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 247676229
Conc: 10.00 ng/ml



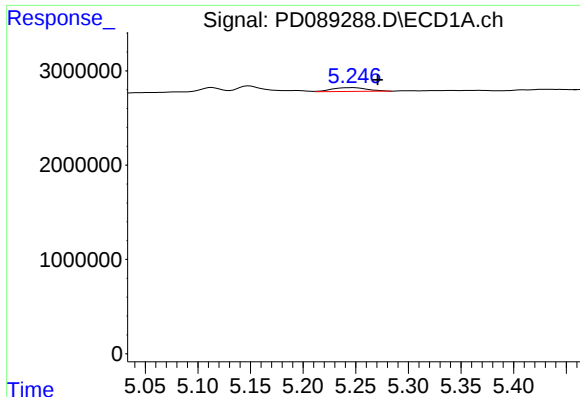
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 1094963
Conc: 0.20 ng/ml



#4 Heptachlor

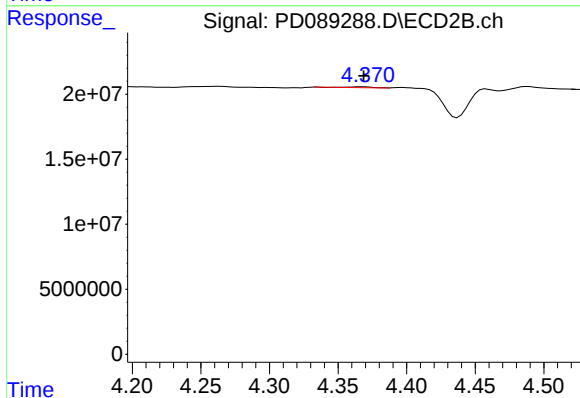
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 5675924
Conc: 0.23 ng/ml



#5 Aldrin

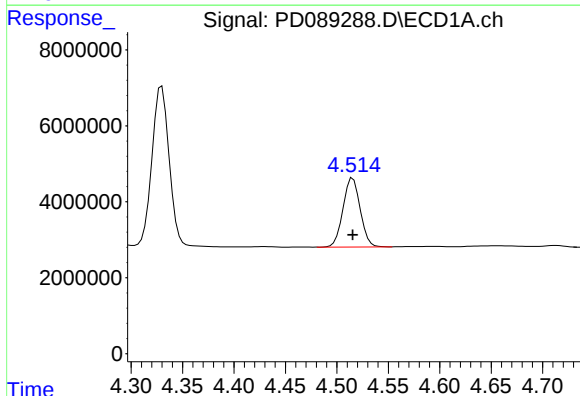
R.T.: 5.247 min
Delta R.T.: -0.023 min
Response: 948013
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



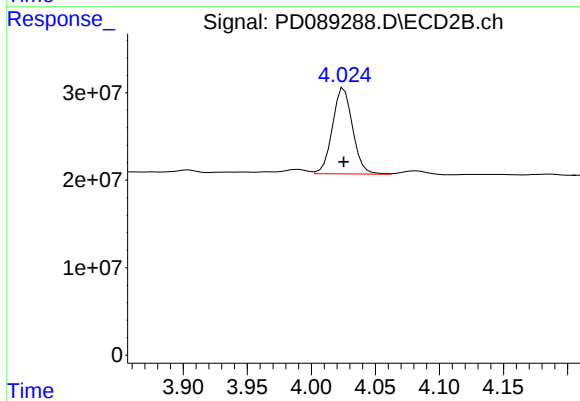
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 832821
Conc: 0.03 ng/ml



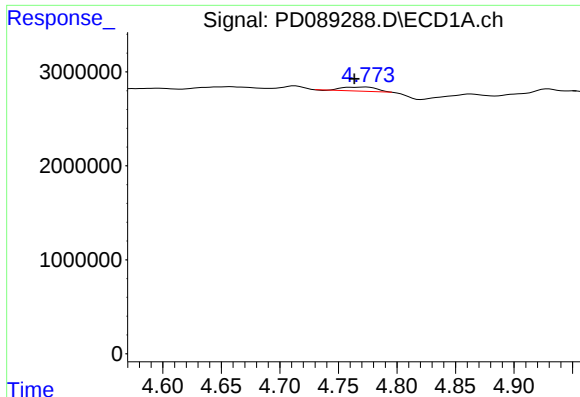
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 21114096
Conc: 9.57 ng/ml



#6 beta-BHC

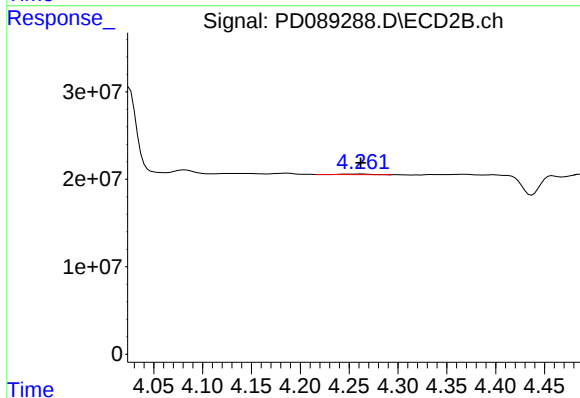
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 107386289
Conc: 9.99 ng/ml



#7 delta-BHC

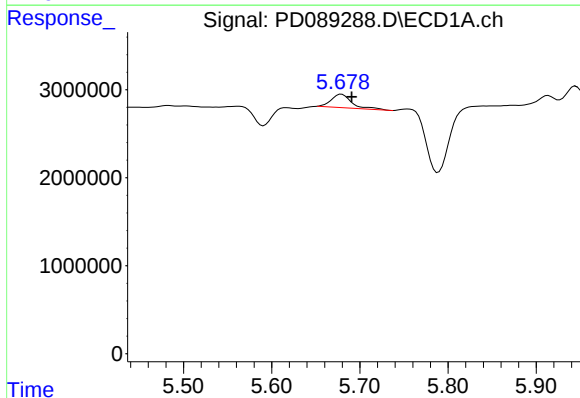
R.T.: 4.774 min
Delta R.T.: 0.011 min
Response: 860908
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



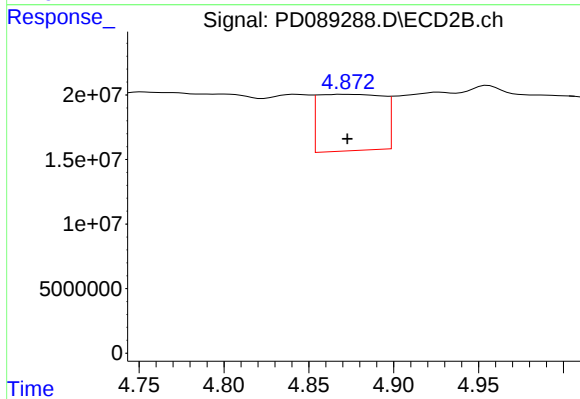
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 1246685
Conc: 0.05 ng/ml



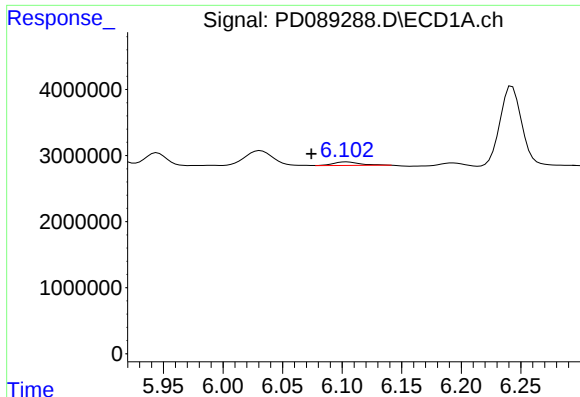
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.012 min
Response: 2515535
Conc: 0.52 ng/ml



#8 Heptachlor epoxide

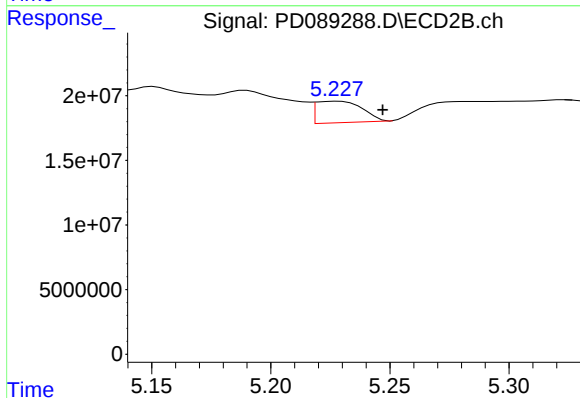
R.T.: 4.871 min
Delta R.T.: -0.002 min
Response: 115935134
Conc: 5.29 ng/ml



#9 Endosulfan I

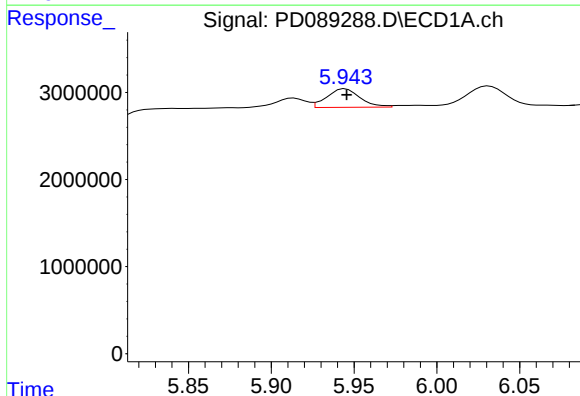
R.T.: 6.103 min
Delta R.T.: 0.029 min
Response: 878102
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



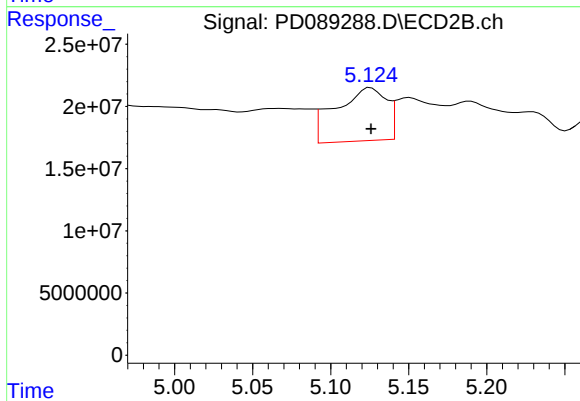
#9 Endosulfan I

R.T.: 5.228 min
Delta R.T.: -0.019 min
Response: 22567000
Conc: 1.08 ng/ml



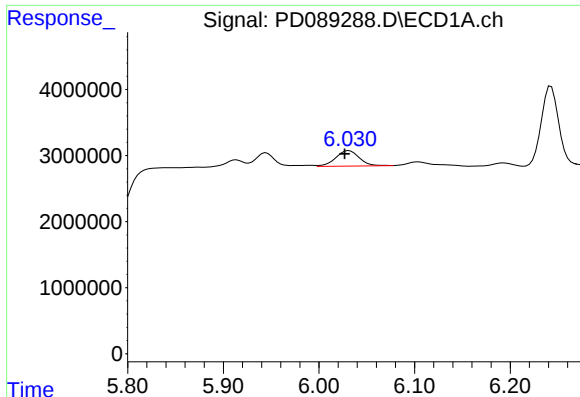
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 2972740
Conc: 0.62 ng/ml



#10 gamma-Chlordane

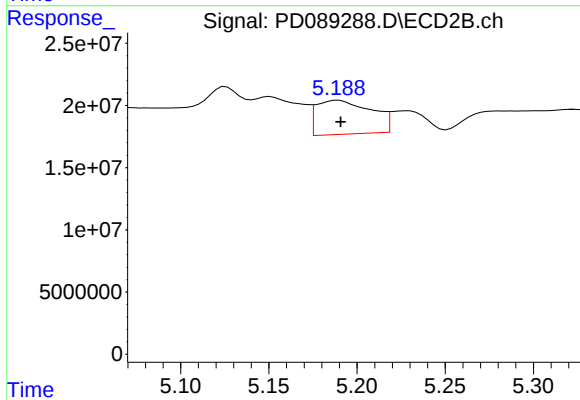
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 96555893
Conc: 4.04 ng/ml



#11 alpha-Chlordane

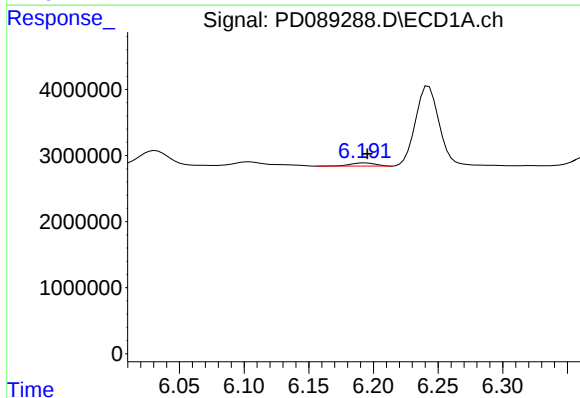
R.T.: 6.031 min
Delta R.T.: 0.004 min
Response: 4032377
Conc: 0.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



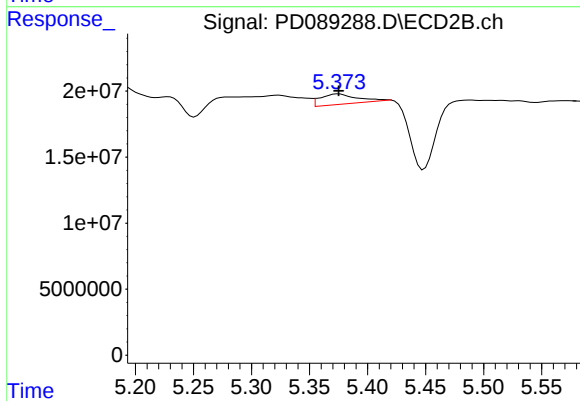
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.001 min
Response: 59444622
Conc: 2.60 ng/ml



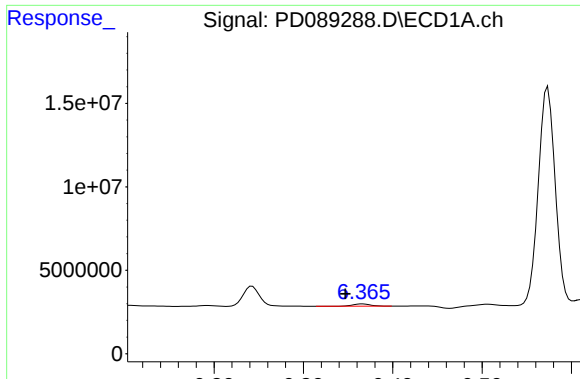
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.002 min
Response: 659131
Conc: 0.15 ng/ml



#12 4,4'-DDE

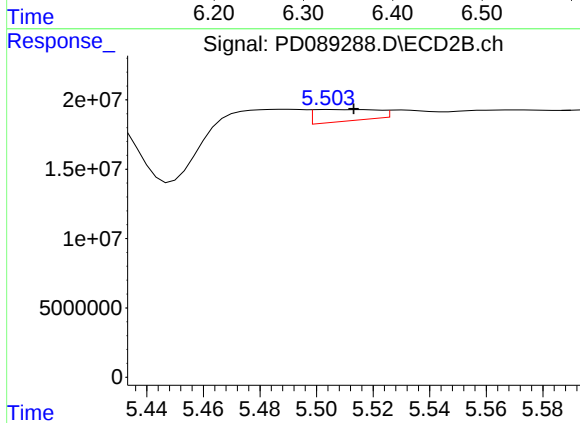
R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 17100602
Conc: 0.75 ng/ml



#13 Dieldrin

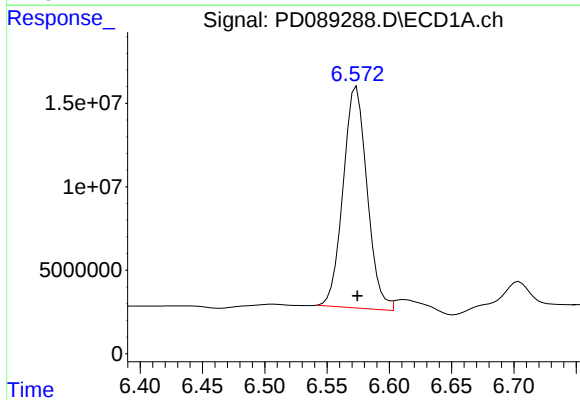
R.T.: 6.366 min
Delta R.T.: 0.019 min
Response: 1785010
Conc: 0.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



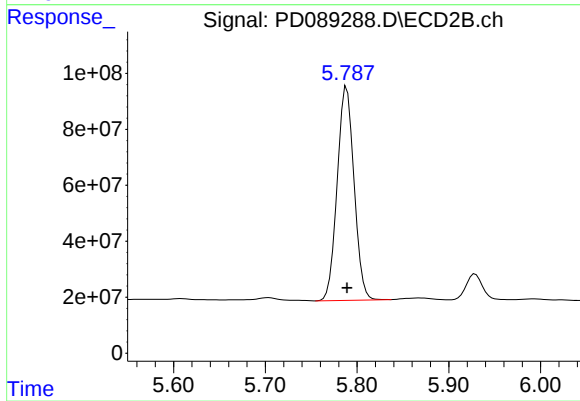
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.008 min
Response: 12916056
Conc: 0.56 ng/ml



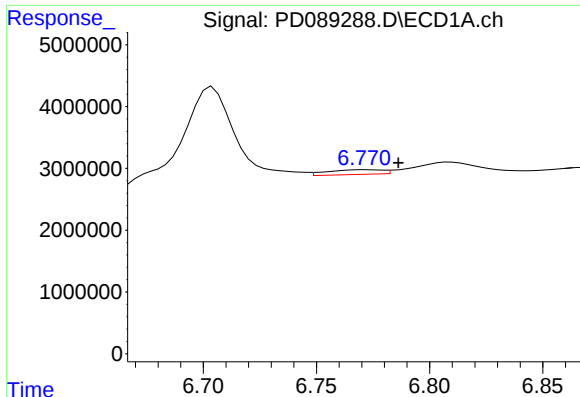
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 178191020
Conc: 43.19 ng/ml



#14 Endrin

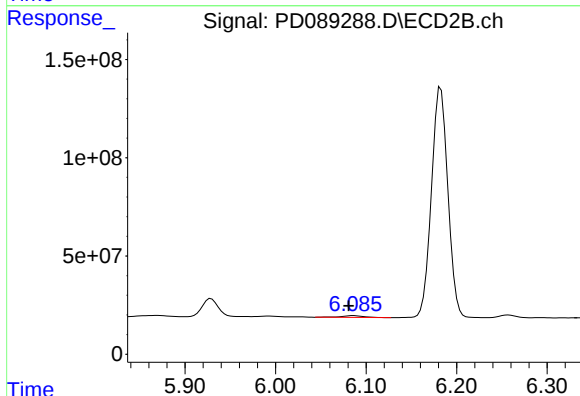
R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 976002766
Conc: 44.95 ng/ml



#15 Endosulfan II

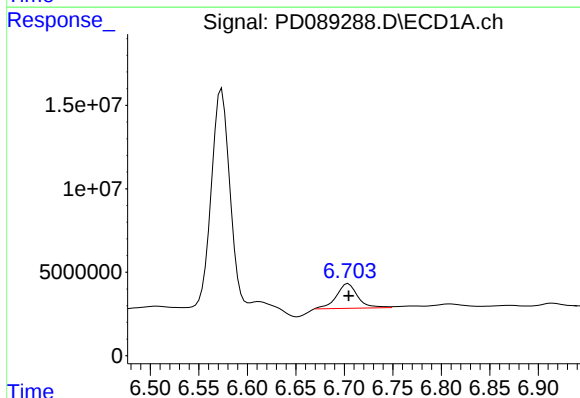
R.T.: 6.772 min
Delta R.T.: -0.014 min
Response: 1310849
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :



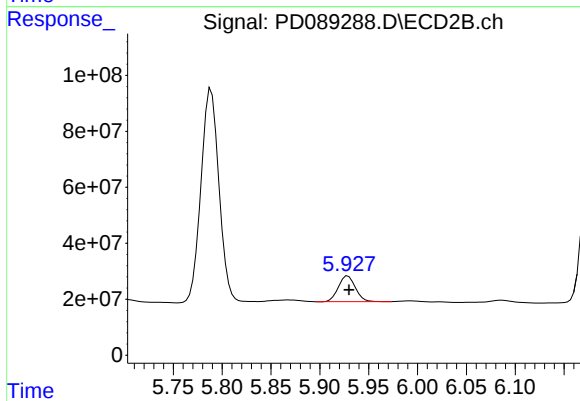
#15 Endosulfan II

R.T.: 6.087 min
Delta R.T.: 0.006 min
Response: 16086529
Conc: 0.80 ng/ml



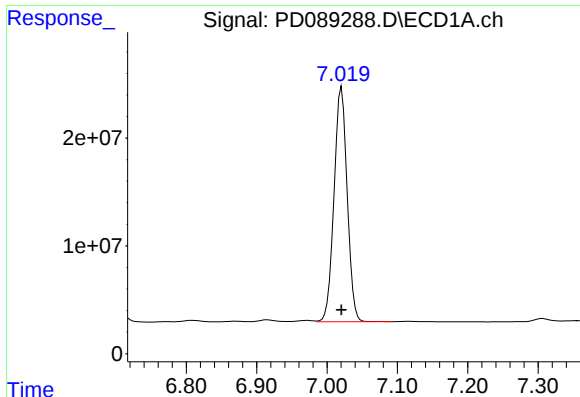
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 22568861
Conc: 6.58 ng/ml



#16 4,4'-DDD

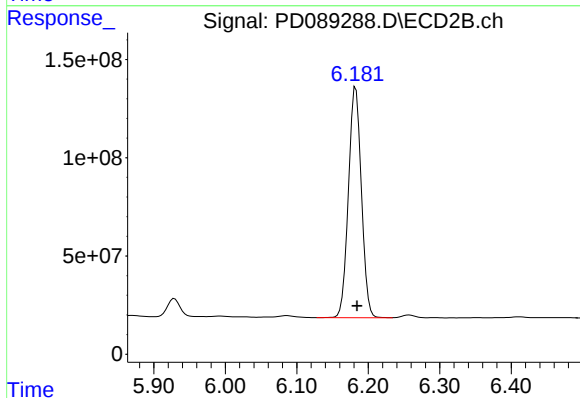
R.T.: 5.929 min
Delta R.T.: -0.001 min
Response: 111742392
Conc: 5.84 ng/ml



#17 4,4'-DDT

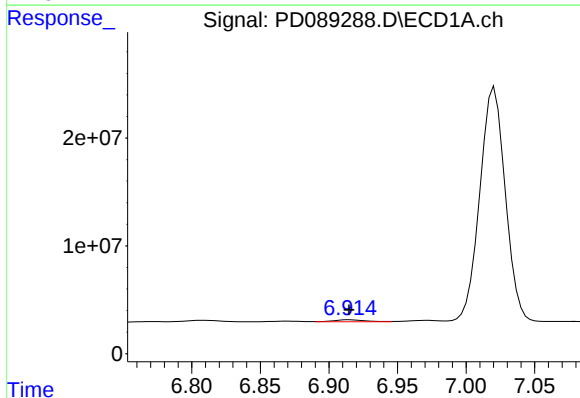
R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 282343091
Conc: 74.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



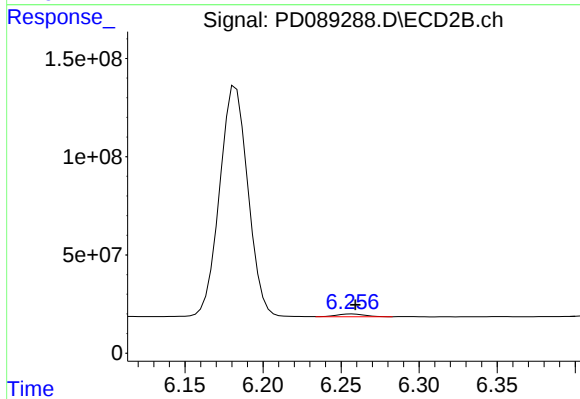
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 1485498279
Conc: 73.25 ng/ml



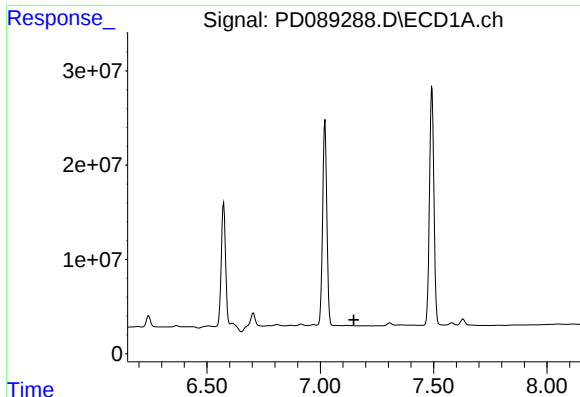
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 2694697
Conc: 0.88 ng/ml



#18 Endrin aldehyde

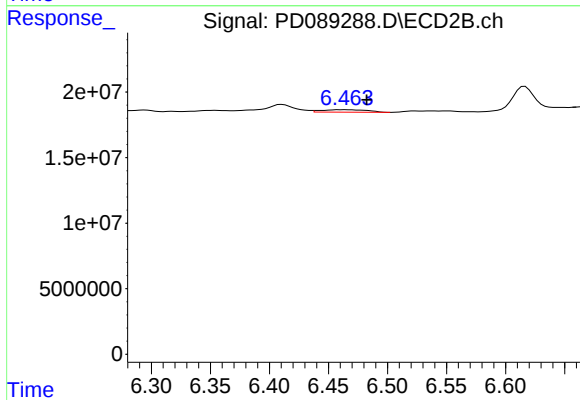
R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 18199293
Conc: 1.19 ng/ml



#19 Endosulfan Sulfate

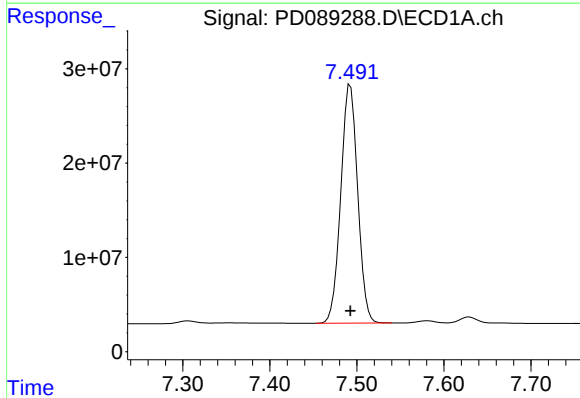
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



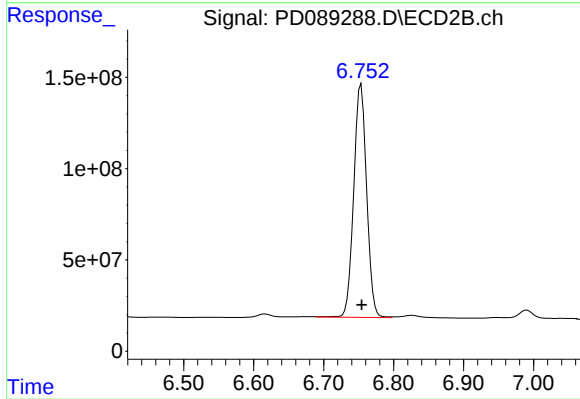
#19 Endosulfan Sulfate

R.T.: 6.464 min
Delta R.T.: -0.018 min
Response: 5071214
Conc: 0.26 ng/ml



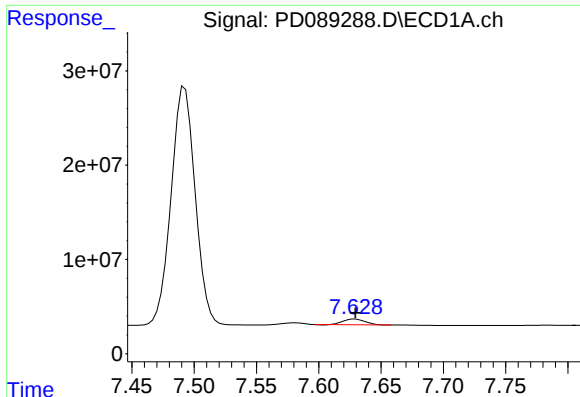
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 341053754
Conc: 168.79 ng/ml



#20 Methoxychlor

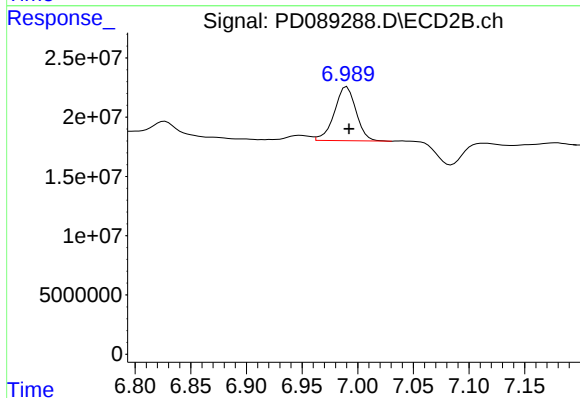
R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 1641013049
Conc: 152.40 ng/ml



#21 Endrin ketone

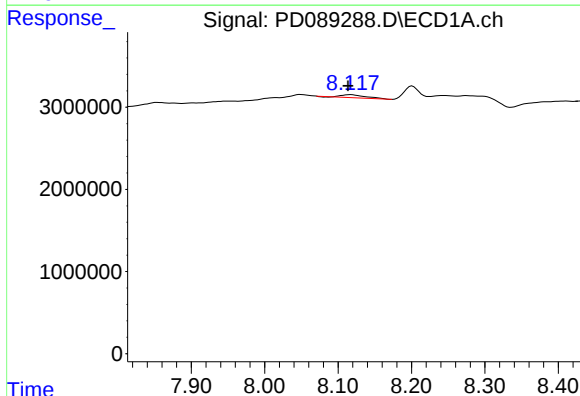
R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 7636554
Conc: 1.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



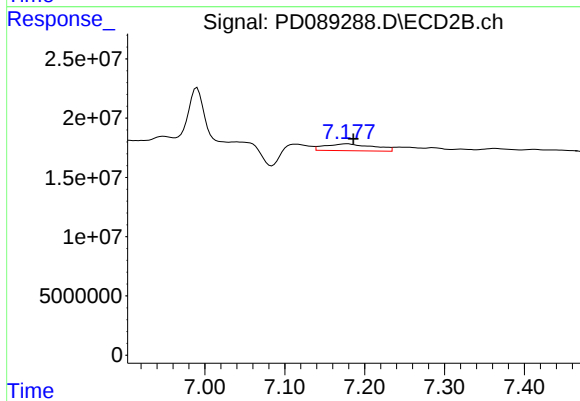
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 61808940
Conc: 2.86 ng/ml



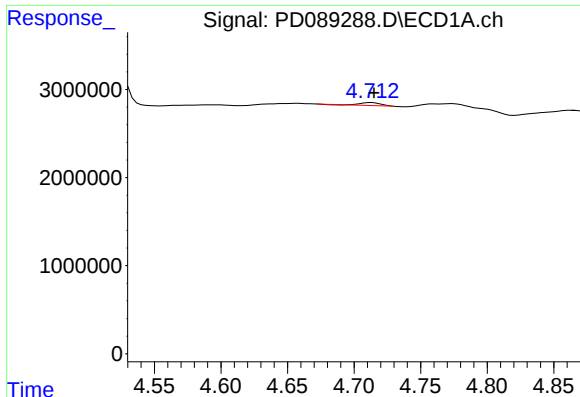
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.004 min
Response: 862885
Conc: 0.28 ng/ml



#22 Mirex

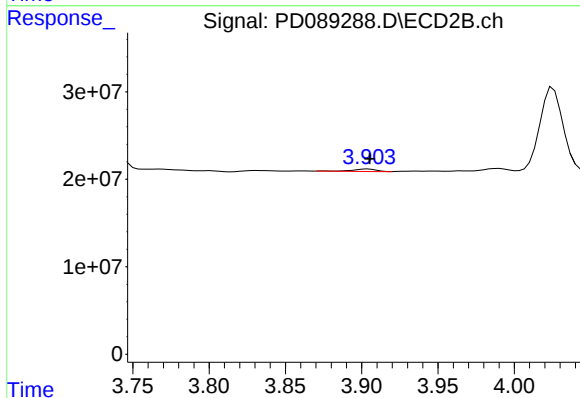
R.T.: 7.178 min
Delta R.T.: -0.008 min
Response: 24285990
Conc: 1.46 ng/ml



#23 Chlordane-1

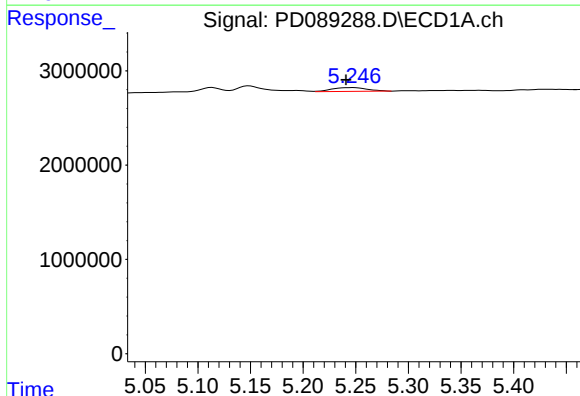
R.T.: 4.713 min
Delta R.T.: -0.002 min
Response: 332825
Conc: 1.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



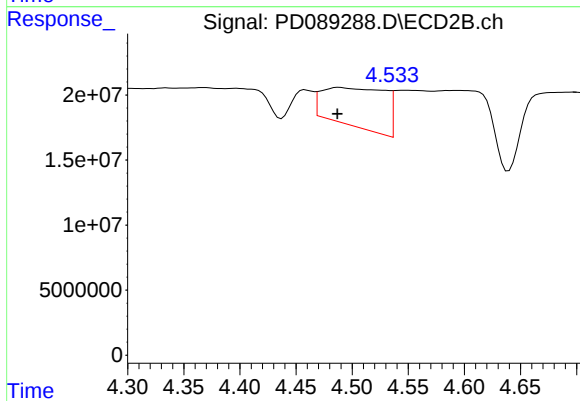
#23 Chlordane-1

R.T.: 3.904 min
Delta R.T.: -0.001 min
Response: 3072305
Conc: 3.30 ng/ml



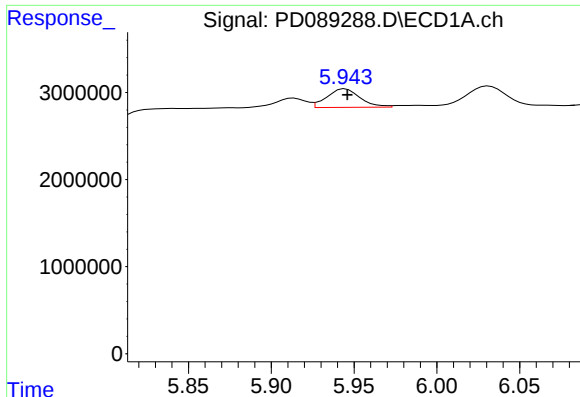
#24 Chlordane-2

R.T.: 5.247 min
Delta R.T.: 0.007 min
Response: 948013
Conc: 4.34 ng/ml



#24 Chlordane-2

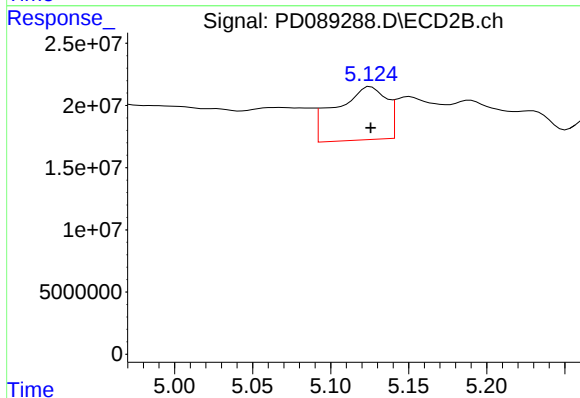
R.T.: 4.488 min
Delta R.T.: 0.001 min
Response: 115845114
Conc: 121.74 ng/ml



#25 Chlordane-3

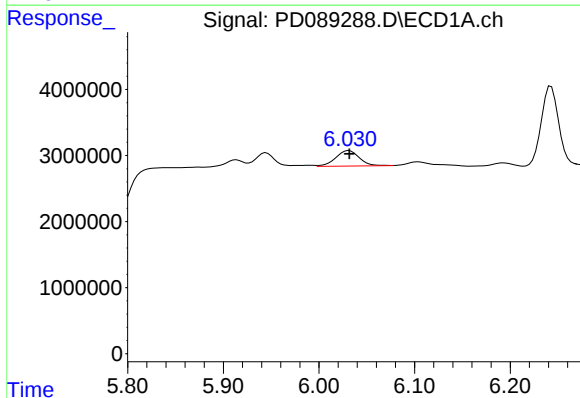
R.T.: 5.945 min
Delta R.T.: -0.001 min
Response: 2972740
Conc: 3.45 ng/ml

Instrument :
ECD_D
ClientSampleId :



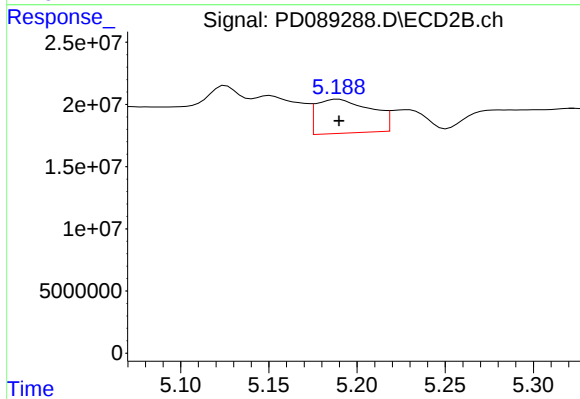
#25 Chlordane-3

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 96555893
Conc: 32.51 ng/ml



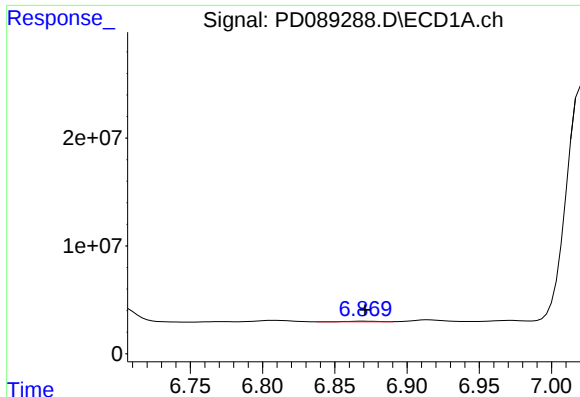
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 4032377
Conc: 3.84 ng/ml



#26 Chlordane-4

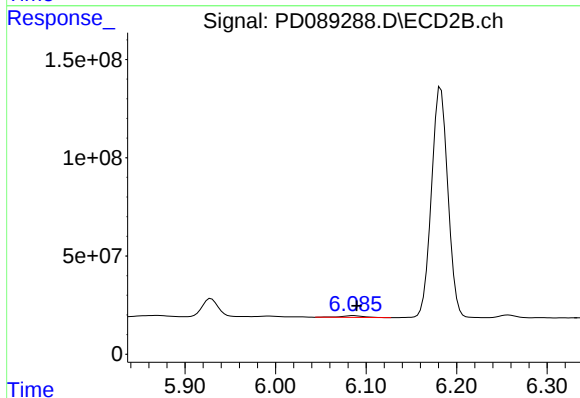
R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 59444622
Conc: 23.71 ng/ml



#27 Chlordane-5

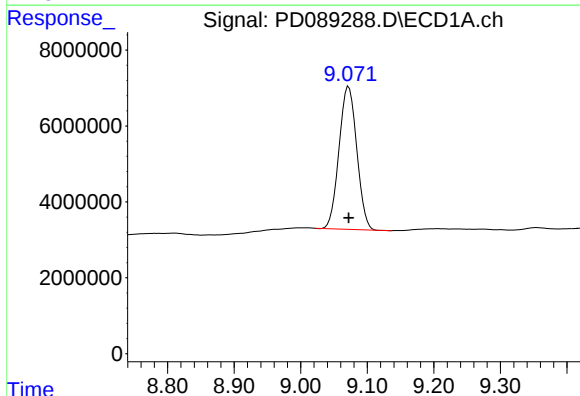
R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 710043
Conc: 3.89 ng/ml

Instrument :
ECD_D
ClientSampleId :



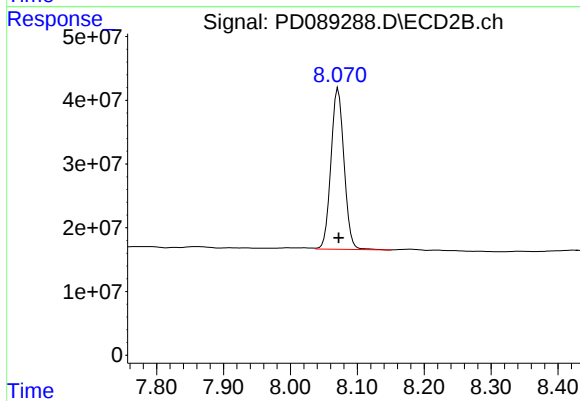
#27 Chlordane-5

R.T.: 6.087 min
Delta R.T.: -0.003 min
Response: 16086529
Conc: 14.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 69751872
Conc: 17.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: 0.000 min
Response: 341577559
Conc: 17.28 ng/ml