

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062625\
 Data File : PD089158.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2025 11:33
 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: Jun 26 23:27:23 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	2.880	59860961	363.0E6	20.981	21.411
28)	SA Decachlor...	9.072	8.071	80017358	397.4E6	20.373	20.100
Target Compounds							
2)	A alpha-BHC	3.999	3.393	56799698	295.4E6	9.744	11.024
3)	MA gamma-BHC...	4.331	3.729	56459487	275.3E6	10.115	11.119
4)	MA Heptachlor	4.952f	4.083	640008	1895240	0.117	0.076 #
5)	MB Aldrin	5.258	4.362	485142	1541390	0.091	0.064 #
6)	B beta-BHC	4.516	4.024	23684268	116.7E6	10.731	10.857
7)	B delta-BHC	4.776	4.247f	1269268	908383	0.247	0.037 #
8)	B Heptachlo...	5.682	4.872	2407959	1587341	0.499	0.072 #
10)	B gamma-Chl...	5.942	5.125	339078	54988264	0.071	2.299 #
11)	B alpha-Chl...	6.032	5.188	642421	30145028	0.133	1.317 #
12)	B 4,4'-DDE	6.195	5.375	472848	3303610	0.108	0.144 #
13)	MA Dieldrin	6.366f	5.518	1102483	1219844	0.230	0.053 #
14)	MA Endrin	6.574	5.788	201.8E6	1044.0E6	48.909	48.080
15)	B Endosulfa...	6.773	6.087	566554	11228135	0.140	0.556 #
16)	A 4,4'-DDD	6.704	5.929	10383521	59941616	3.025	3.133
17)	MA 4,4'-DDT	7.021	6.182	350.8E6	1815.9E6	92.591	89.545
18)	B Endrin al...	6.915	6.257	2036570	16289864	0.665	1.064 #
19)	B Endosulfa...	0.000	6.457f	0	3517655	N.D.	0.179 #
20)	A Methoxychlor	7.493	6.752	417.8E6	1887.6E6	206.779	175.297
21)	B Endrin ke...	7.630	6.989	5030523	39645857	1.235	1.835 #
22)	Mirex	8.114	7.174	116933	3690842	0.038	0.221 #
23)	Chlordane-1	0.000	3.900	0	1435469	N.D.	1.540 #
24)	Chlordane-2	5.258	4.490	485142	25535481	2.222	26.834 #
25)	Chlordane-3	5.942	5.125	339078	54988264	0.393	18.513 #
26)	Chlordane-4	6.032	5.188	642421	30145028	0.611	12.026 #
27)	Chlordane-5	6.866	6.087	378482	11228135	2.071	9.922 #

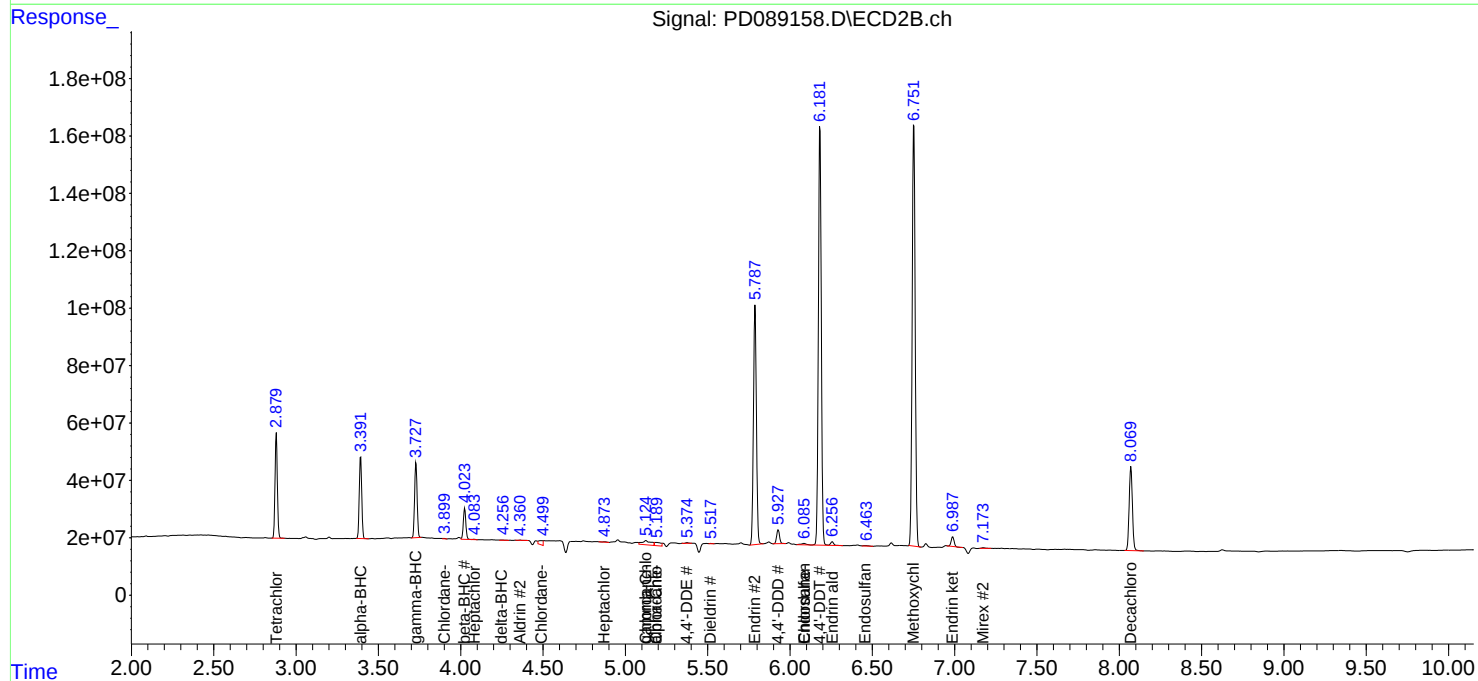
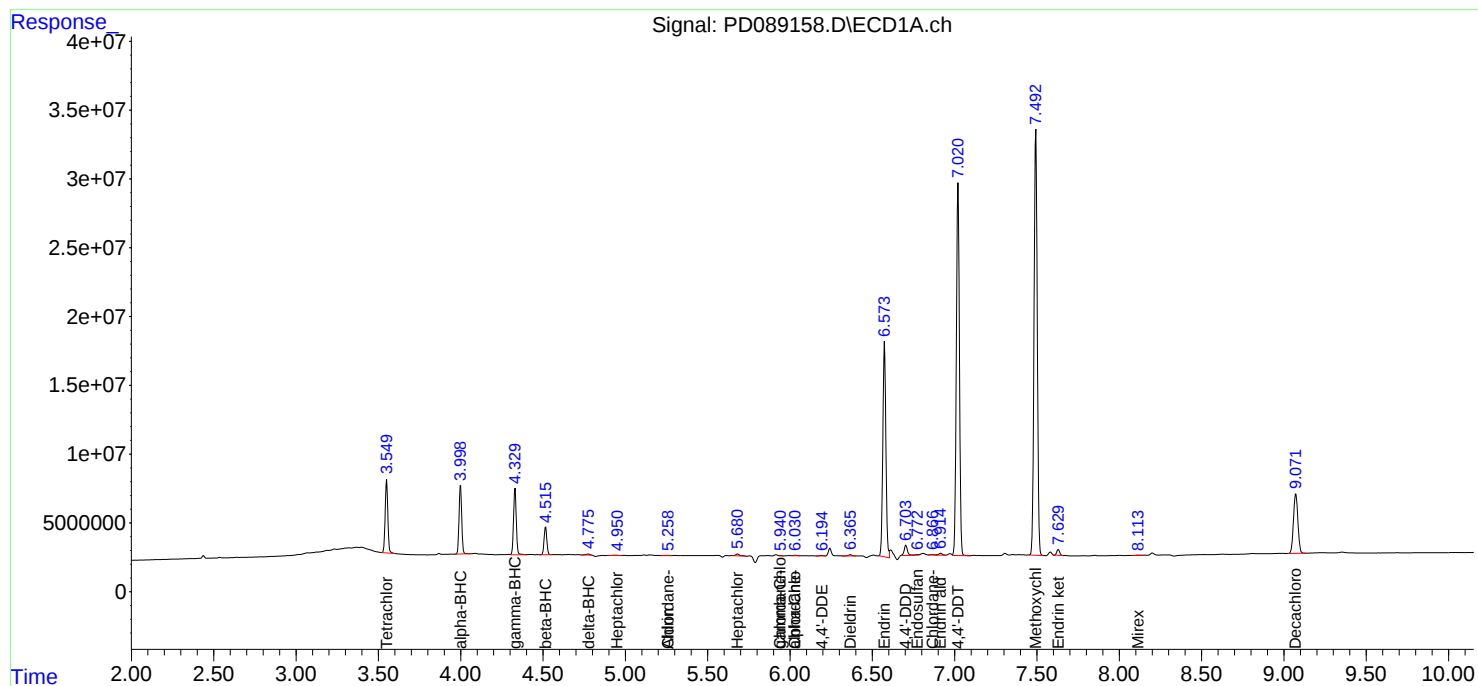
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

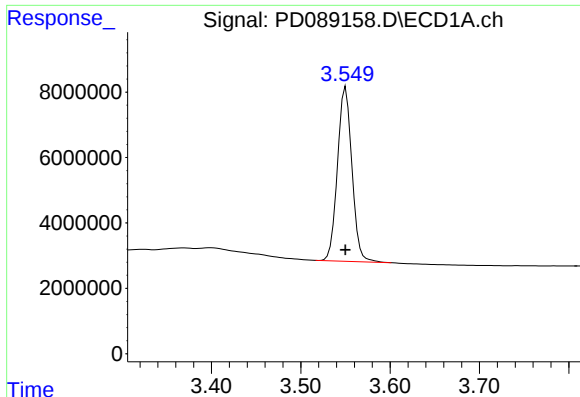
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062625\
Data File : PD089158.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 11:33
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:27:23 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

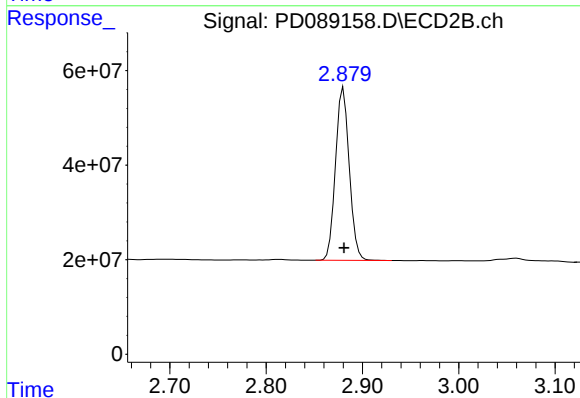




#1 Tetrachloro-m-xylene

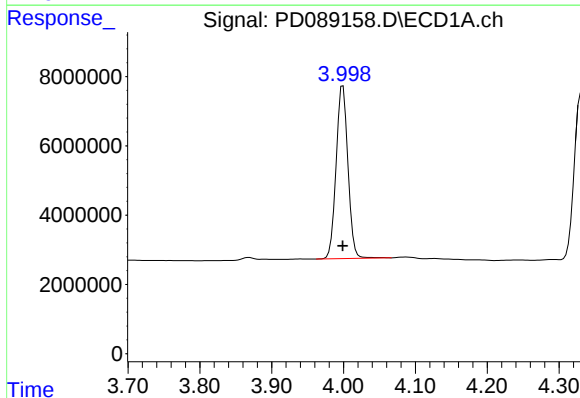
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 59860961
Conc: 20.98 ng/ml

Instrument :
ECD_D
ClientSampleId :



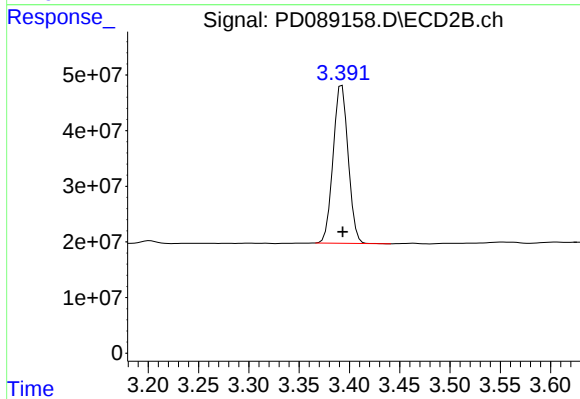
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 362985103
Conc: 21.41 ng/ml



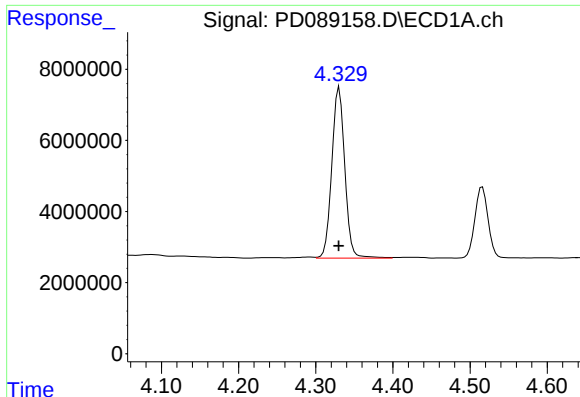
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 56799698
Conc: 9.74 ng/ml



#2 alpha-BHC

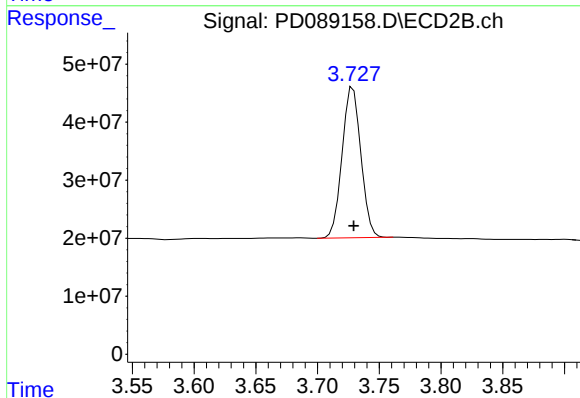
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 295422910
Conc: 11.02 ng/ml



#3 gamma-BHC (Lindane)

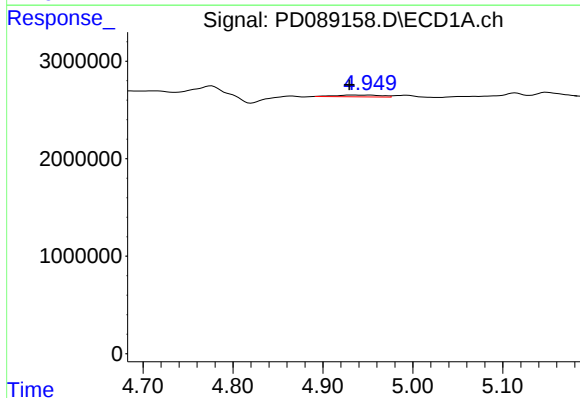
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 56459487
Conc: 10.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



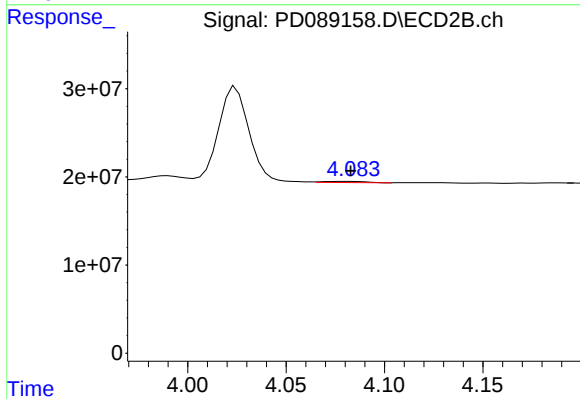
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 275261527
Conc: 11.12 ng/ml



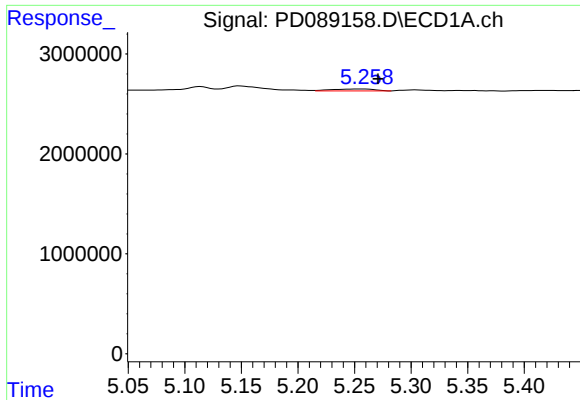
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.022 min
Response: 640008
Conc: 0.12 ng/ml



#4 Heptachlor

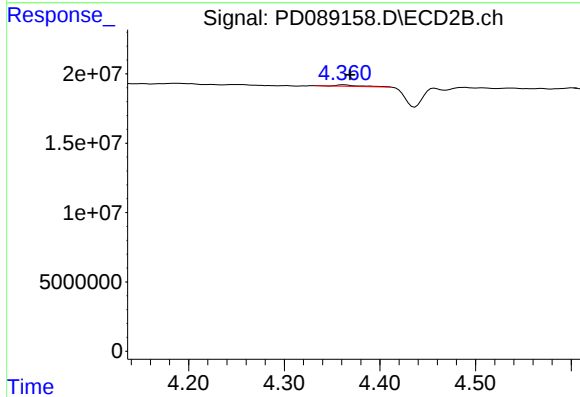
R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 1895240
Conc: 0.08 ng/ml



#5 Aldrin

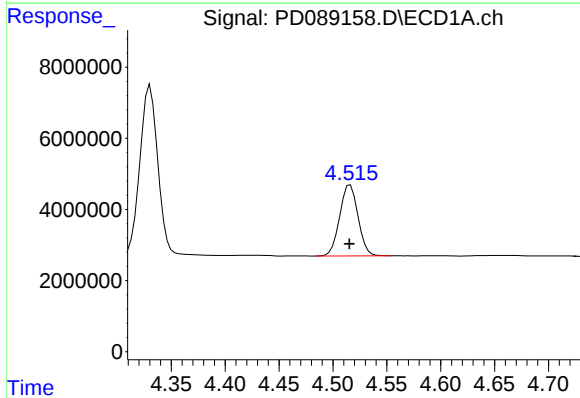
R.T.: 5.258 min
Delta R.T.: -0.013 min
Response: 485142
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



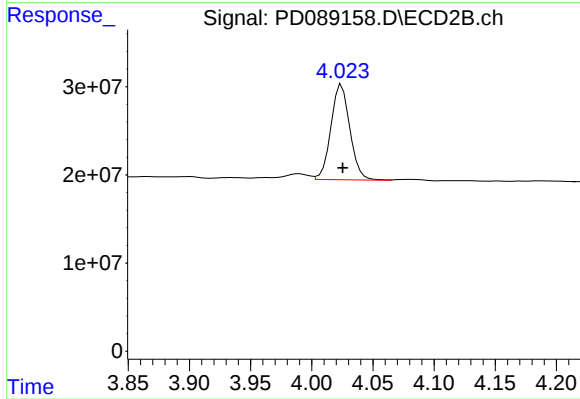
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.007 min
Response: 1541390
Conc: 0.06 ng/ml



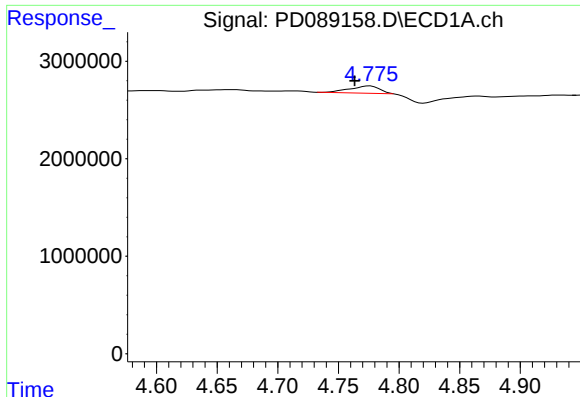
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 23684268
Conc: 10.73 ng/ml



#6 beta-BHC

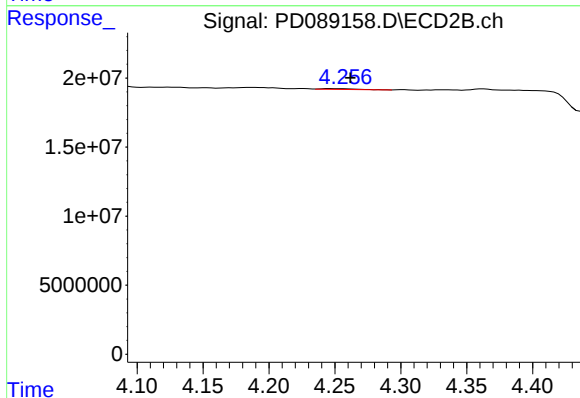
R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 116676120
Conc: 10.86 ng/ml



#7 delta-BHC

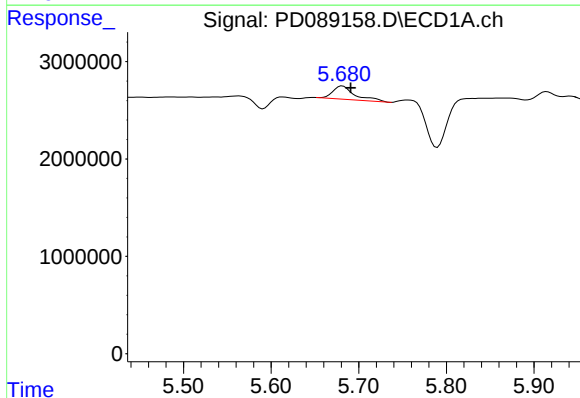
R.T.: 4.776 min
Delta R.T.: 0.013 min
Response: 1269268
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



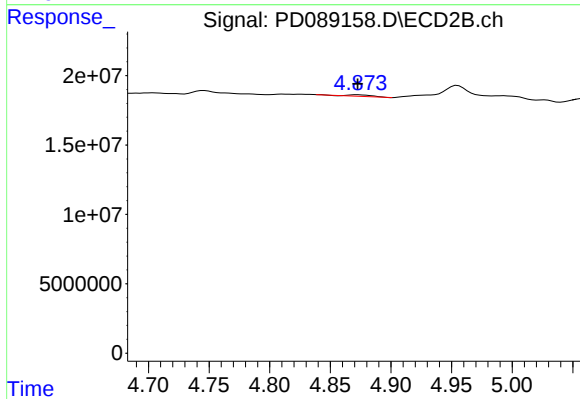
#7 delta-BHC

R.T.: 4.247 min
Delta R.T.: -0.015 min
Response: 908383
Conc: 0.04 ng/ml



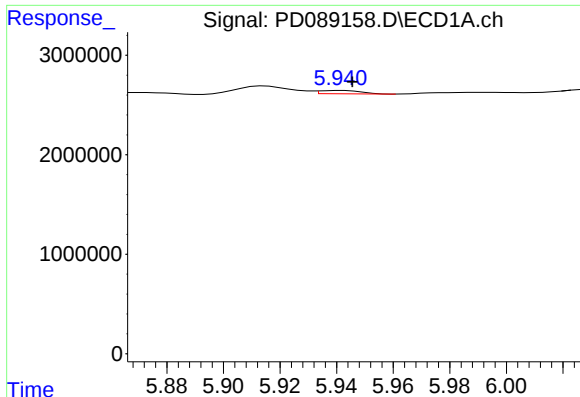
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.009 min
Response: 2407959
Conc: 0.50 ng/ml



#8 Heptachlor epoxide

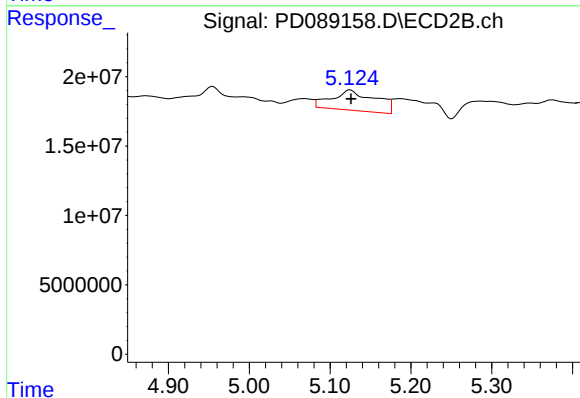
R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 1587341
Conc: 0.07 ng/ml



#10 gamma-Chlordane

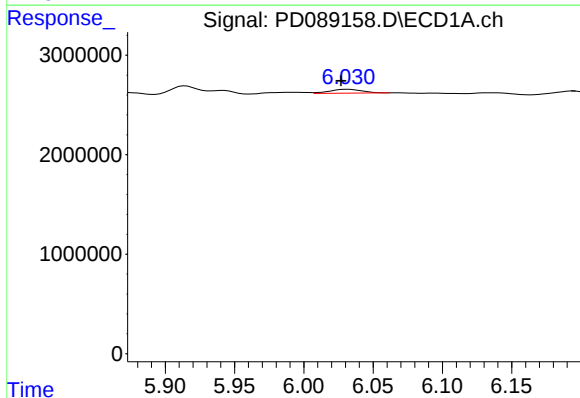
R.T.: 5.942 min
Delta R.T.: -0.004 min
Response: 339078
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



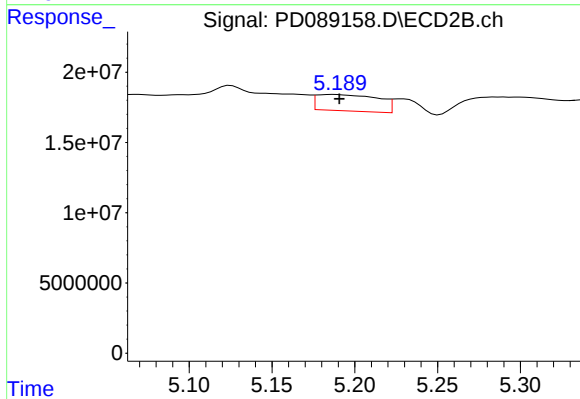
#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 54988264
Conc: 2.30 ng/ml



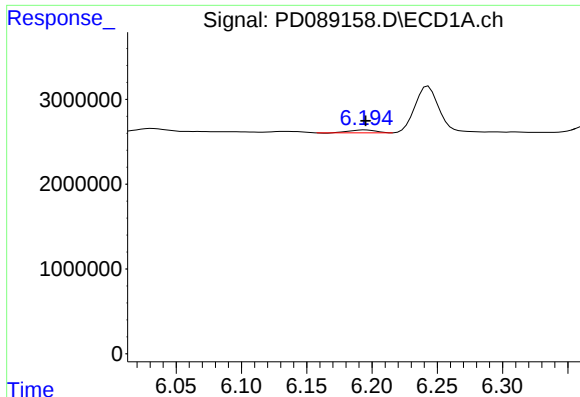
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.005 min
Response: 642421
Conc: 0.13 ng/ml



#11 alpha-Chlordane

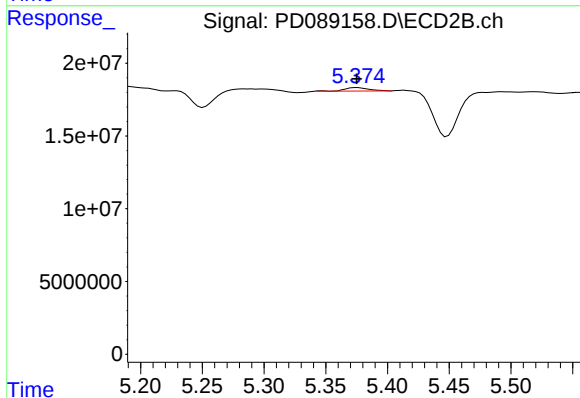
R.T.: 5.188 min
Delta R.T.: -0.003 min
Response: 30145028
Conc: 1.32 ng/ml



#12 4,4'-DDE

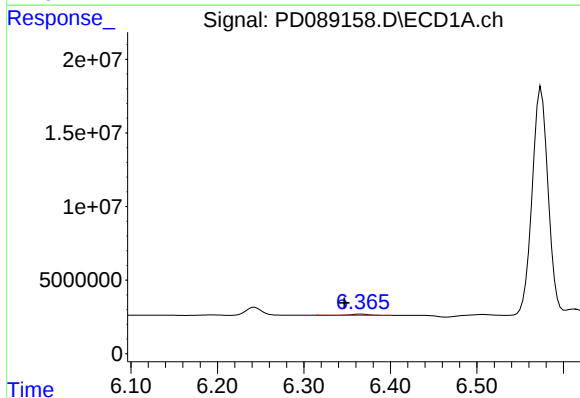
R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 472848
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



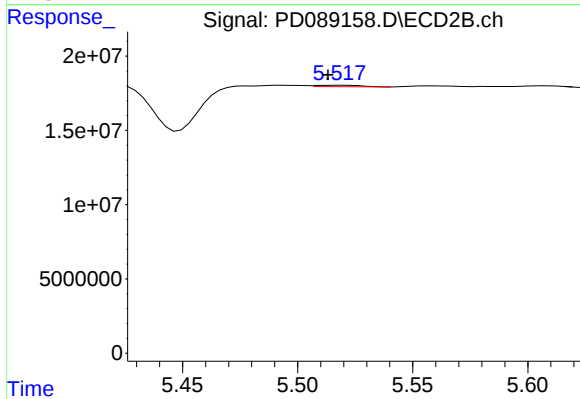
#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 3303610
Conc: 0.14 ng/ml



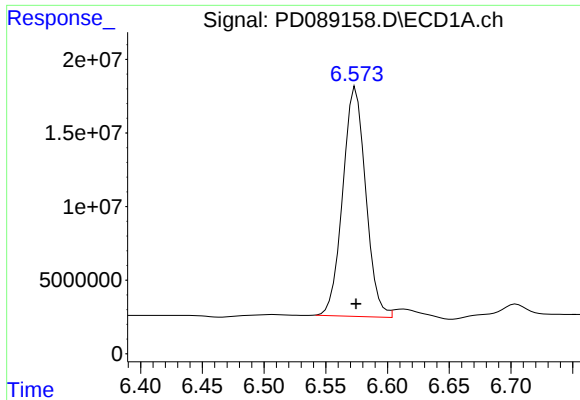
#13 Dieldrin

R.T.: 6.366 min
Delta R.T.: 0.020 min
Response: 1102483
Conc: 0.23 ng/ml



#13 Dieldrin

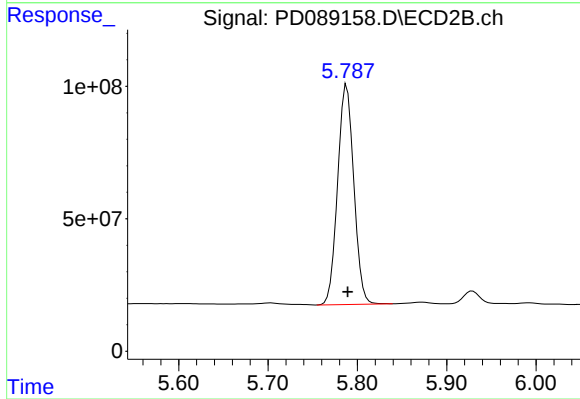
R.T.: 5.518 min
Delta R.T.: 0.005 min
Response: 1219844
Conc: 0.05 ng/ml



#14 Endrin

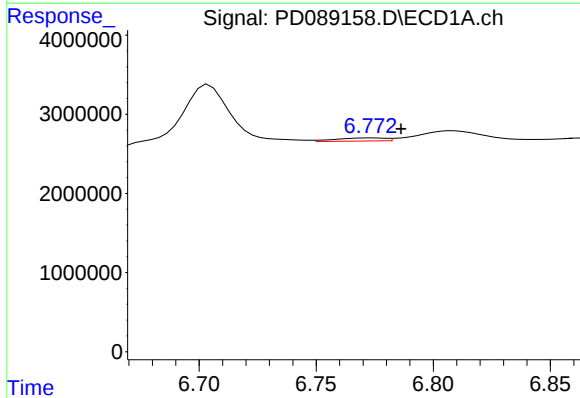
R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 201779791
Conc: 48.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



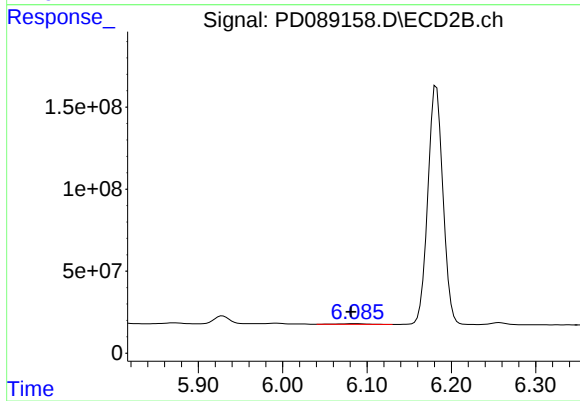
#14 Endrin

R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 1044000341
Conc: 48.08 ng/ml



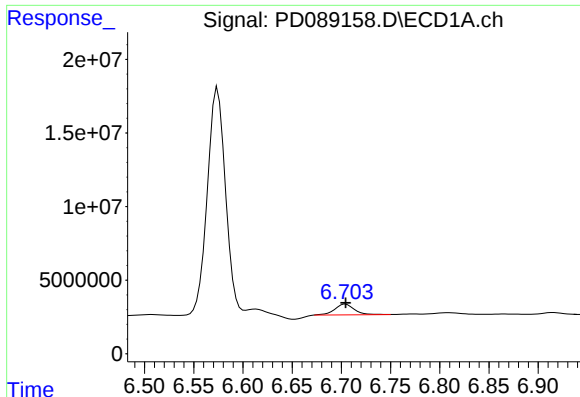
#15 Endosulfan II

R.T.: 6.773 min
Delta R.T.: -0.013 min
Response: 566554
Conc: 0.14 ng/ml



#15 Endosulfan II

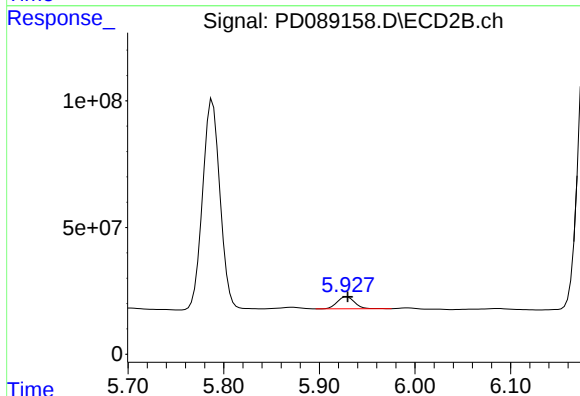
R.T.: 6.087 min
Delta R.T.: 0.006 min
Response: 11228135
Conc: 0.56 ng/ml



#16 4,4'-DDD

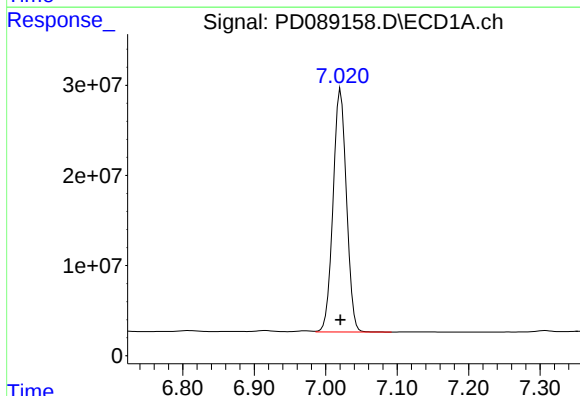
R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 10383521
Conc: 3.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



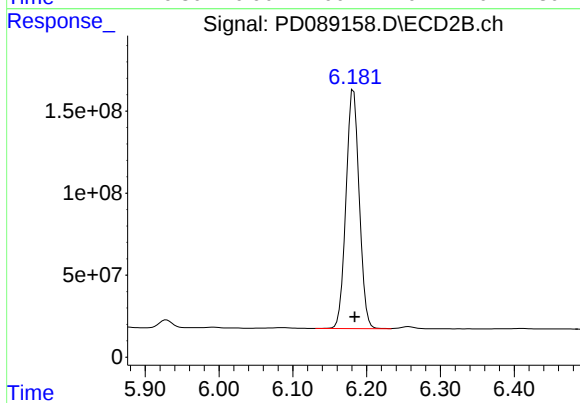
#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.001 min
Response: 59941616
Conc: 3.13 ng/ml



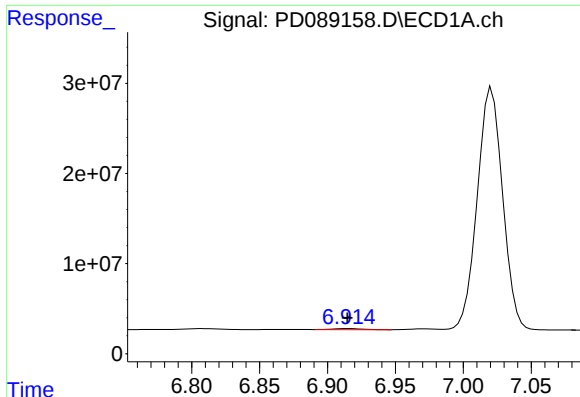
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 350754109
Conc: 92.59 ng/ml



#17 4,4'-DDT

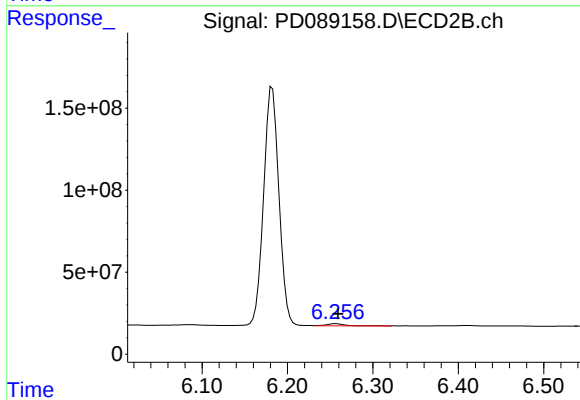
R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 1815915951
Conc: 89.55 ng/ml



#18 Endrin aldehyde

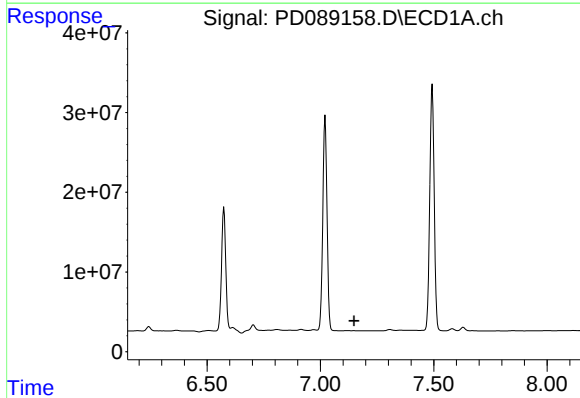
R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 2036570
Conc: 0.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



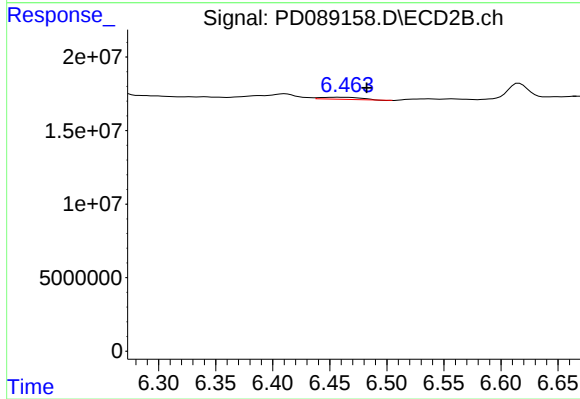
#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 16289864
Conc: 1.06 ng/ml



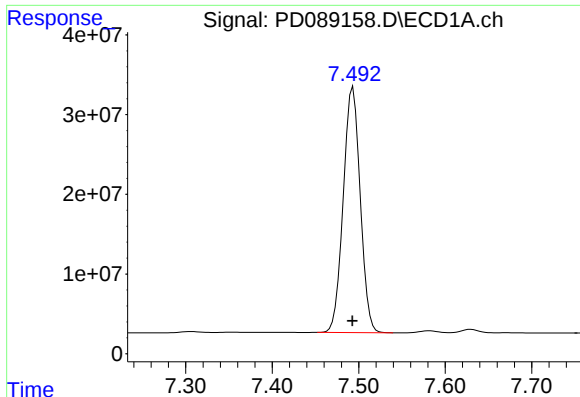
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

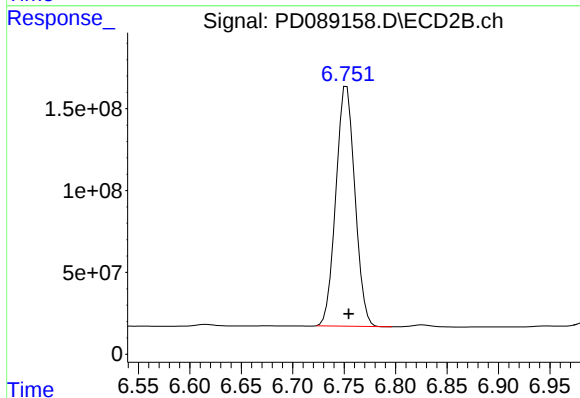
R.T.: 6.457 min
Delta R.T.: -0.025 min
Response: 3517655
Conc: 0.18 ng/ml



#20 Methoxychlor

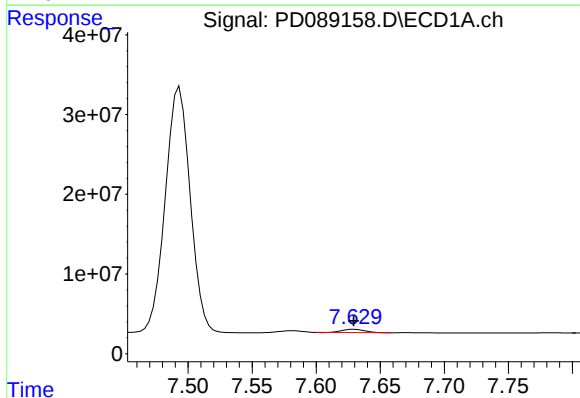
R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 417824032
Conc: 206.78 ng/ml

Instrument :
ECD_D
ClientSampleId :



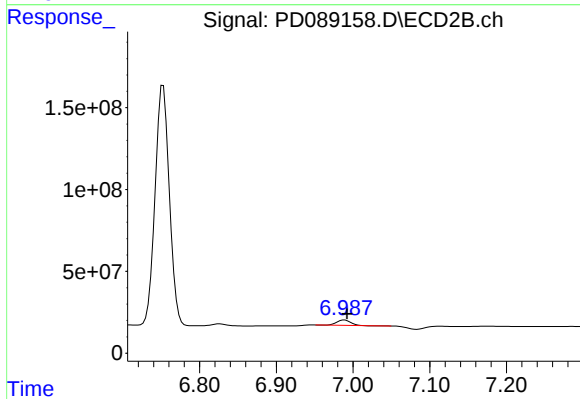
#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 1887606781
Conc: 175.30 ng/ml



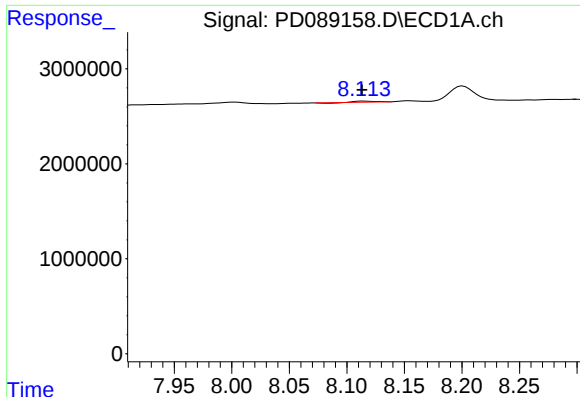
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 5030523
Conc: 1.24 ng/ml



#21 Endrin ketone

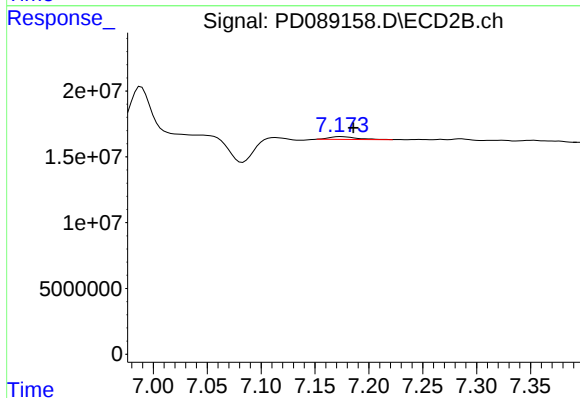
R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 39645857
Conc: 1.84 ng/ml



#22 Mirex

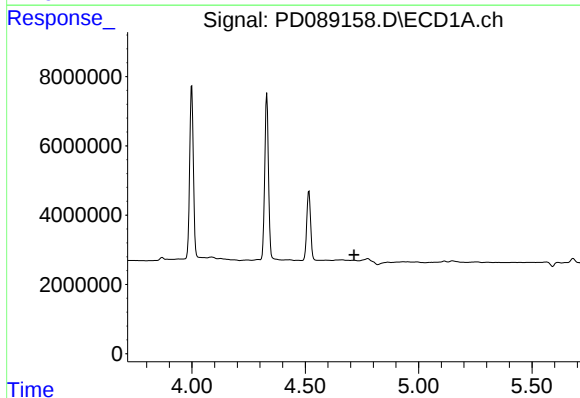
R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 116933
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



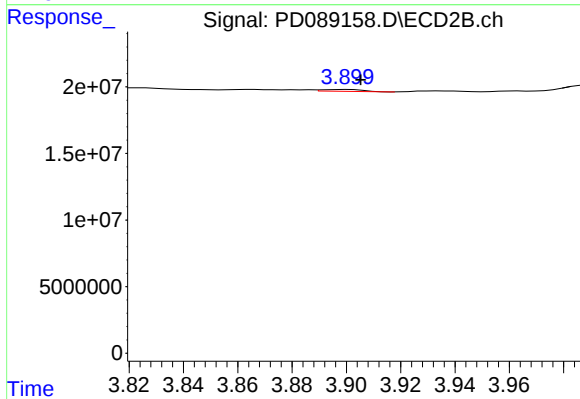
#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.012 min
Response: 3690842
Conc: 0.22 ng/ml



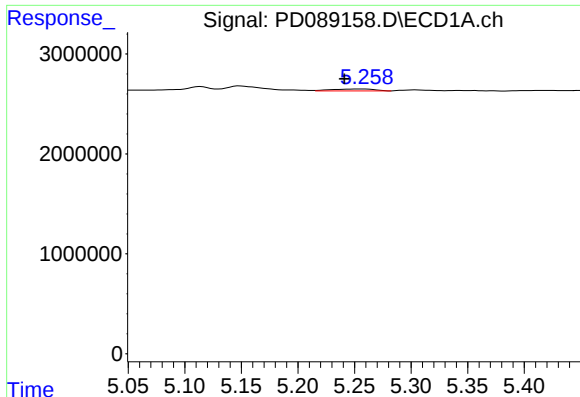
#23 Chlordane-1

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



#23 Chlordane-1

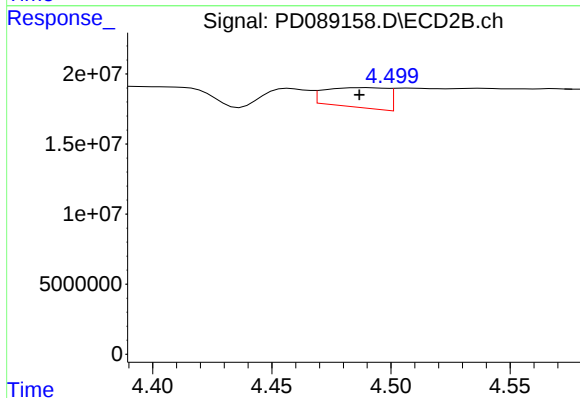
R.T.: 3.900 min
Delta R.T.: -0.005 min
Response: 1435469
Conc: 1.54 ng/ml



#24 Chlordane-2

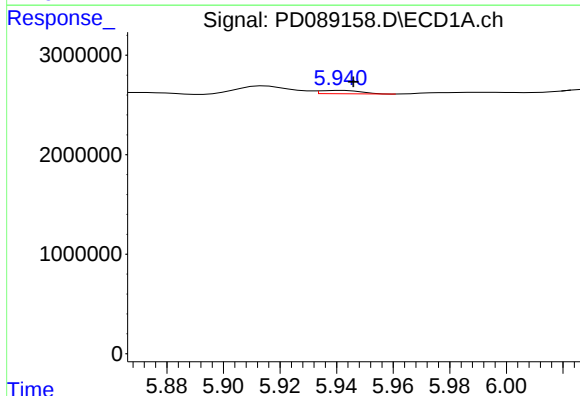
R.T.: 5.258 min
Delta R.T.: 0.018 min
Response: 485142
Conc: 2.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



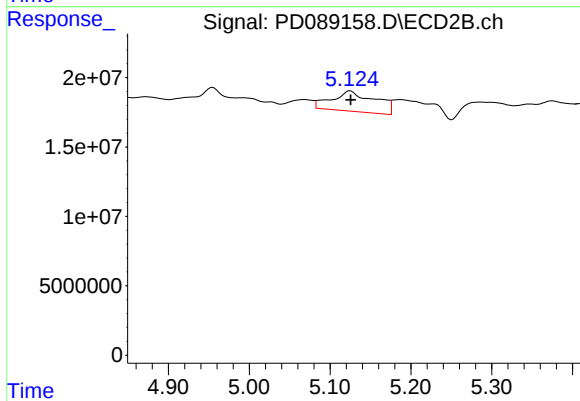
#24 Chlordane-2

R.T.: 4.490 min
Delta R.T.: 0.003 min
Response: 25535481
Conc: 26.83 ng/ml



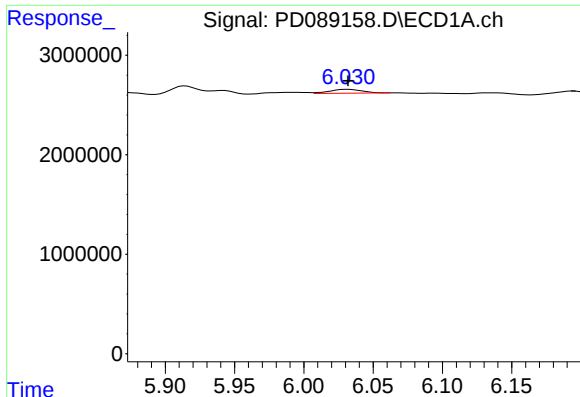
#25 Chlordane-3

R.T.: 5.942 min
Delta R.T.: -0.004 min
Response: 339078
Conc: 0.39 ng/ml



#25 Chlordane-3

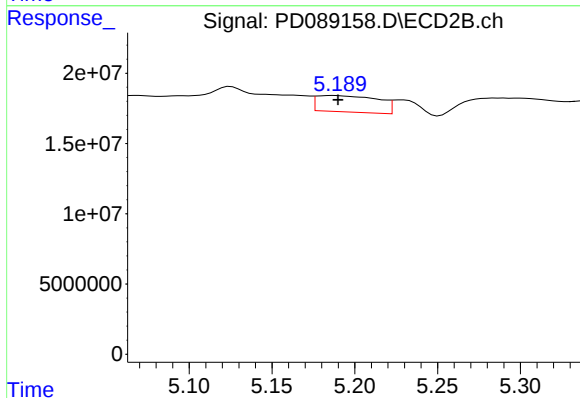
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 54988264
Conc: 18.51 ng/ml



#26 Chlordane-4

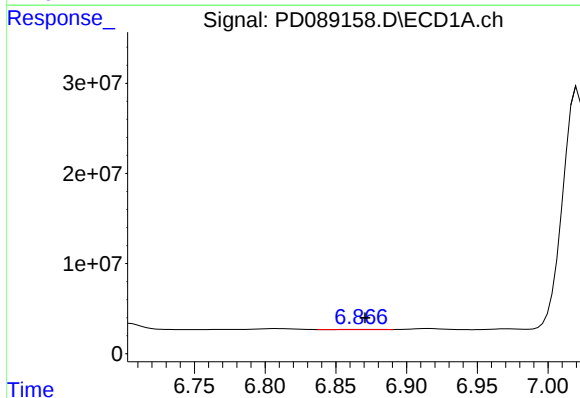
R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 642421
Conc: 0.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



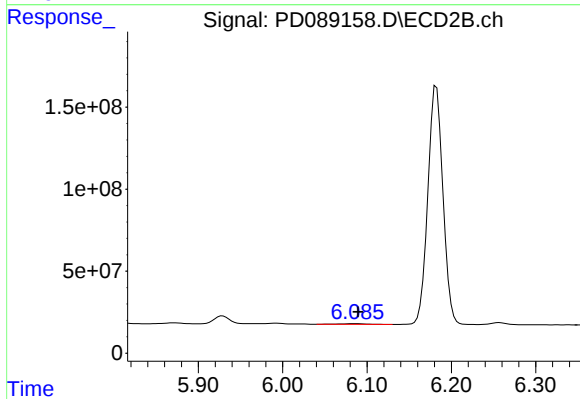
#26 Chlordane-4

R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 30145028
Conc: 12.03 ng/ml



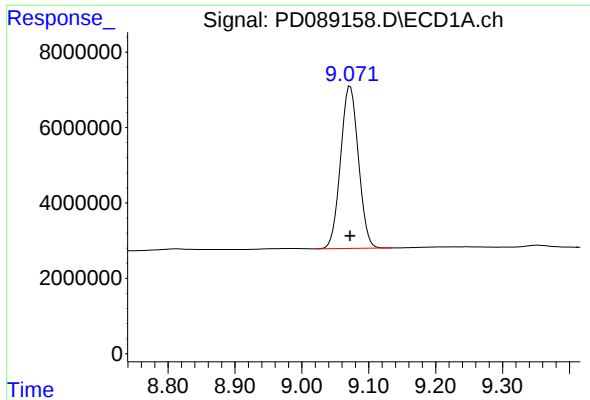
#27 Chlordane-5

R.T.: 6.866 min
Delta R.T.: -0.005 min
Response: 378482
Conc: 2.07 ng/ml



#27 Chlordane-5

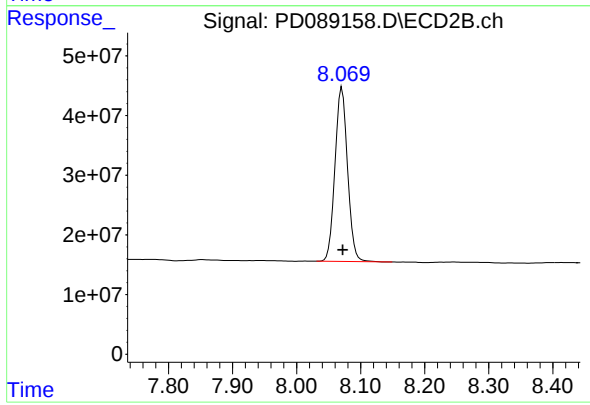
R.T.: 6.087 min
Delta R.T.: -0.003 min
Response: 11228135
Conc: 9.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 80017358
Conc: 20.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.001 min
Response: 397380474
Conc: 20.10 ng/ml