

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070925\
 Data File : PD089400.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2025 13:22
 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 10 01:42:33 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...	3.556	2.878	64868884	418.8E6	22.736	24.704
28)	SA Decachlor...	9.081	8.072	92313287	497.5E6	23.504	25.163
Target Compounds							
2)	A alpha-BHC	4.006	3.391	62798501	345.7E6	10.773	12.900
3)	MA gamma-BHC...	4.337	3.728	62610769	314.2E6	11.217	12.691
4)	MA Heptachlor	0.000	4.081	0	1765032	N.D.	0.070 #
5)	MB Aldrin	0.000	4.360	0	1745235	N.D.	0.072 #
6)	B beta-BHC	4.523	4.024	25968681	136.6E6	11.766	12.715
7)	B delta-BHC	4.784f	4.259	685290	-21252	0.134	N.D. #
8)	B Heptachlo...	5.689	4.867	973646	7826211	0.202	0.357 #
9)	A Endosulfan I	0.000	5.265f	0	1837893	N.D.	0.088 #
10)	B gamma-Chl...	5.949	5.124	820425	11227274	0.171	0.469 #
11)	B alpha-Chl...	6.039	5.188	1041484	15402380	0.215	0.673 #
12)	B 4,4'-DDE	6.203	5.376	295265	1946730	0.068	0.085 #
13)	MA Dieldrin	6.374f	5.511	207724	781053	0.043	0.034
14)	MA Endrin	6.581	5.788	238.7E6	1206.2E6	57.847	55.551
15)	B Endosulfa...	6.776	6.087	155268	2323814	0.038	0.115 #
16)	A 4,4'-DDD	6.712	5.929	3984875	26213152	1.161	1.370
17)	MA 4,4'-DDT	7.028	6.183	448.8E6	2277.0E6	118.485	112.282
18)	B Endrin al...	6.923	6.256	1078046	14424720	0.352	0.942 #
19)	B Endosulfa...	7.151	6.508f	532830	192911	0.139	0.010 #
20)	A Methoxychlor	7.500	6.753	537.5E6	2298.1E6	265.994	213.416
21)	B Endrin ke...	7.637	6.990	2234635	33310361	0.549	1.542 #
22)	Mirex	0.000	7.175	0	20449000	N.D.	1.226 #
23)	Chlordane-1	0.000	3.901	0	1540553	N.D.	1.653 #
24)	Chlordane-2	0.000	4.479	0	2245814	N.D.	2.360 #
25)	Chlordane-3	5.949	5.124	820425	11227274	0.951	3.780 #
26)	Chlordane-4	6.039	5.188	1041484	15402380	0.991	6.144 #
27)	Chlordane-5	6.875	6.087	11348	2323814	0.062	2.053 #

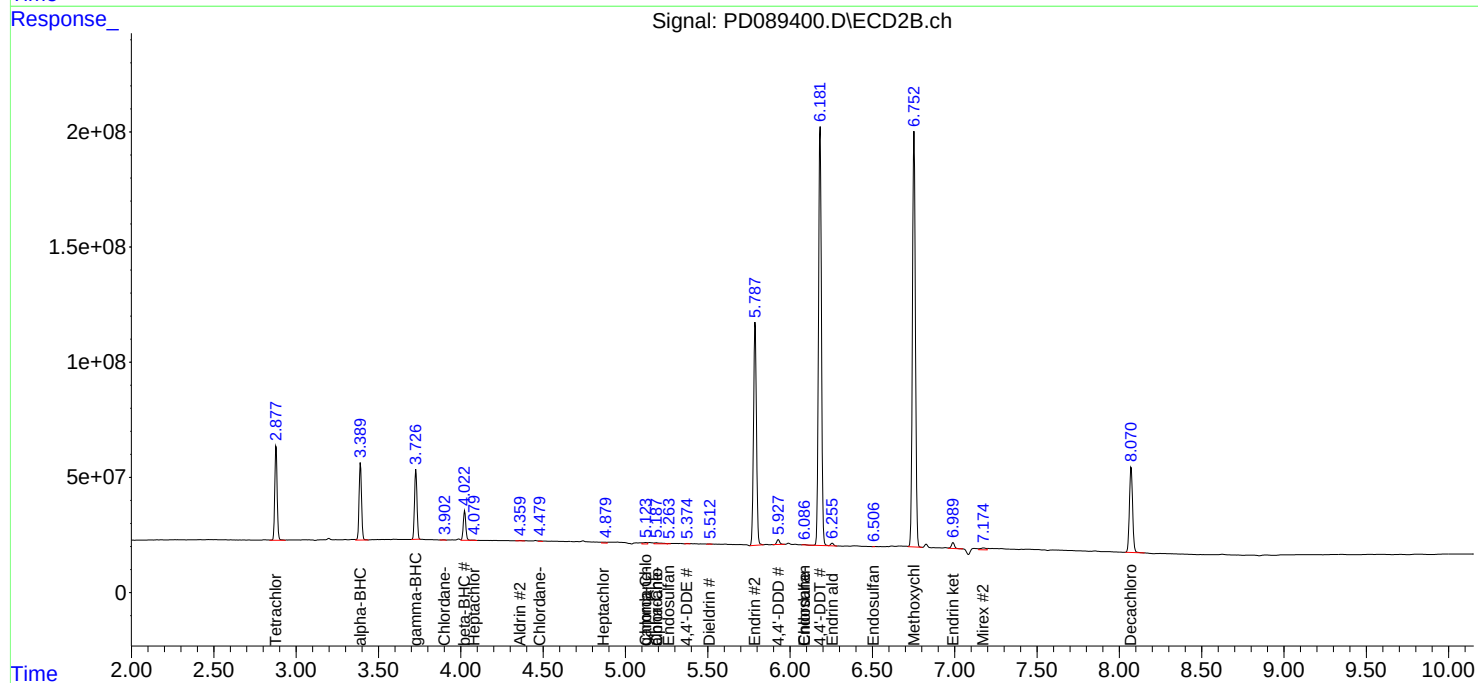
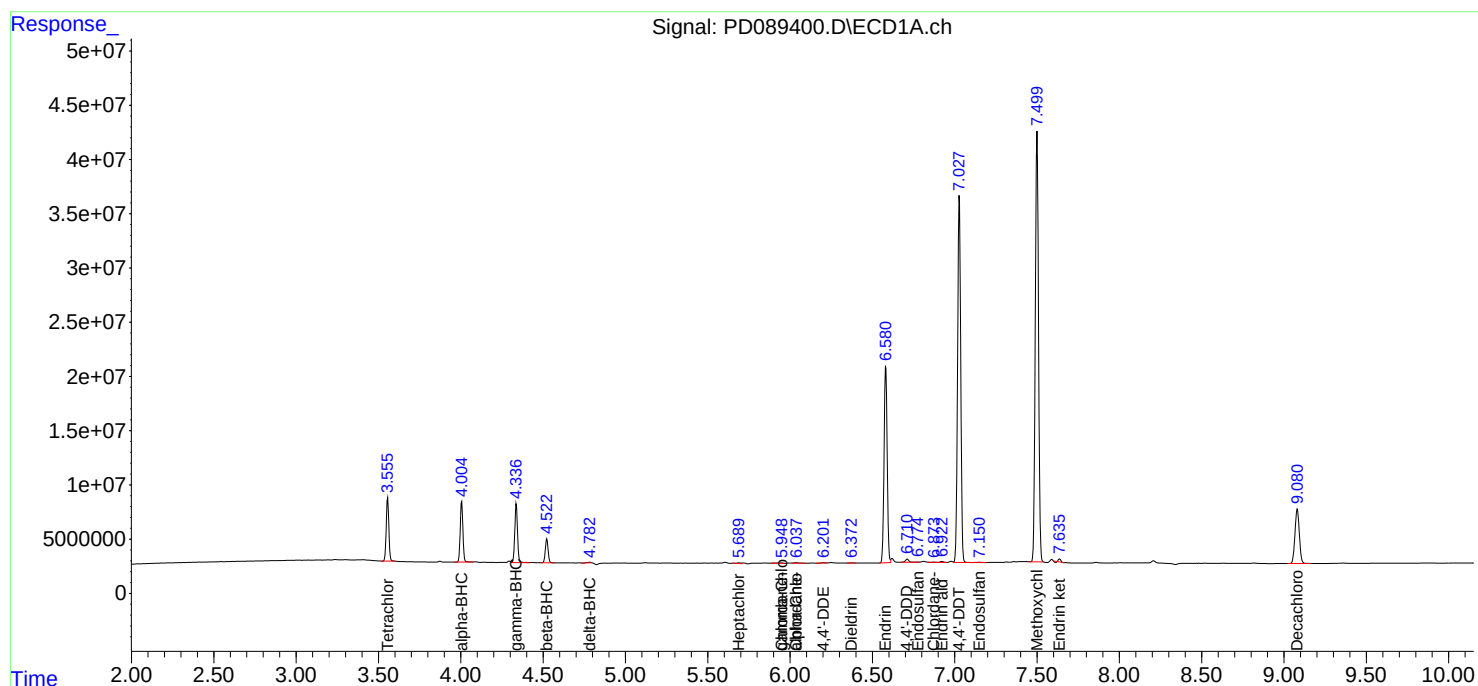
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

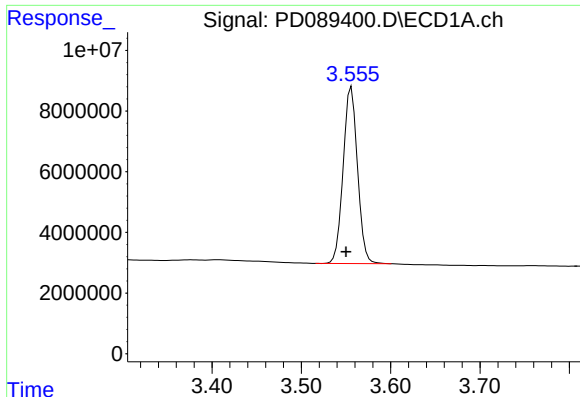
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070925\
Data File : PD089400.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 13:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:42:33 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

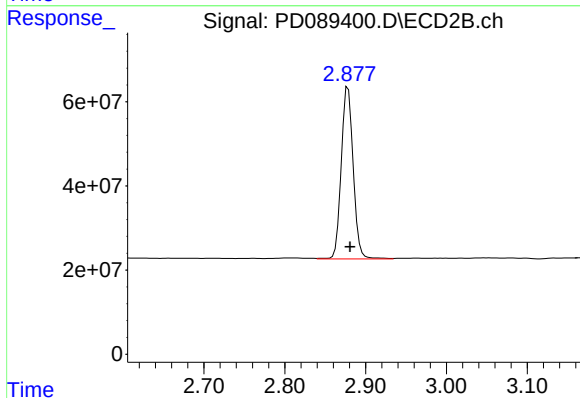




#1 Tetrachloro-m-xylene

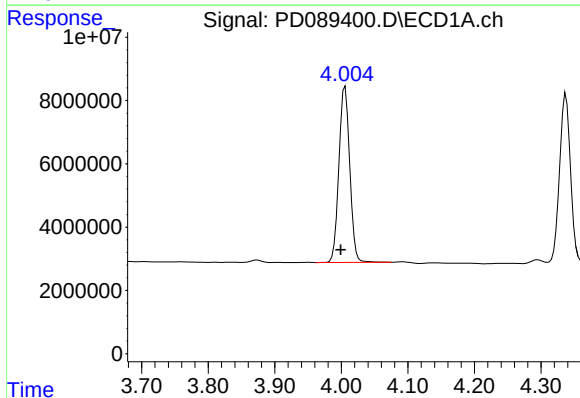
R.T.: 3.556 min
Delta R.T.: 0.006 min
Response: 64868884
Conc: 22.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



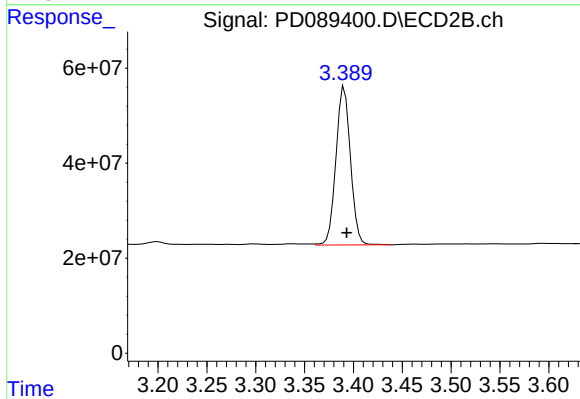
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: -0.003 min
Response: 418805078
Conc: 24.70 ng/ml



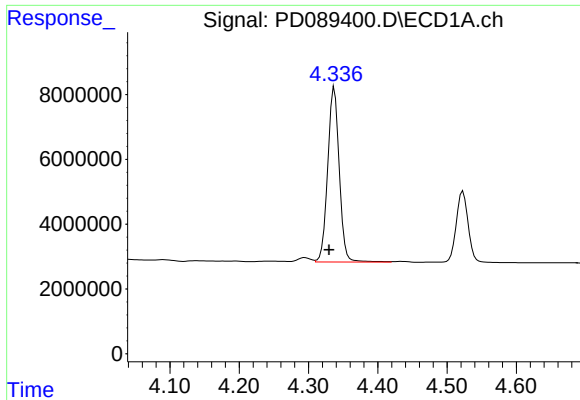
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.007 min
Response: 62798501
Conc: 10.77 ng/ml



#2 alpha-BHC

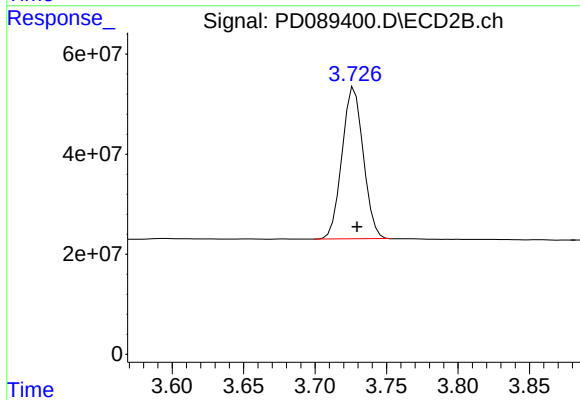
R.T.: 3.391 min
Delta R.T.: -0.003 min
Response: 345671027
Conc: 12.90 ng/ml



#3 gamma-BHC (Lindane)

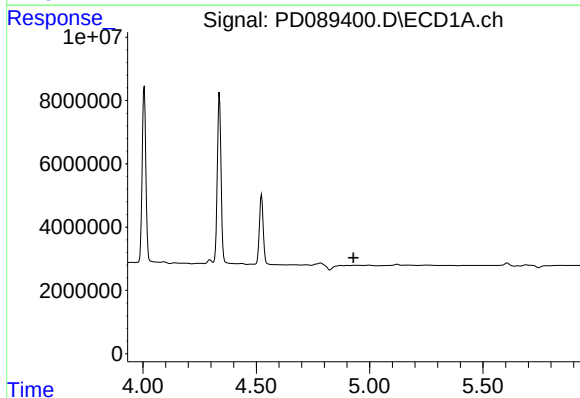
R.T.: 4.337 min
Delta R.T.: 0.007 min
Response: 62610769
Conc: 11.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



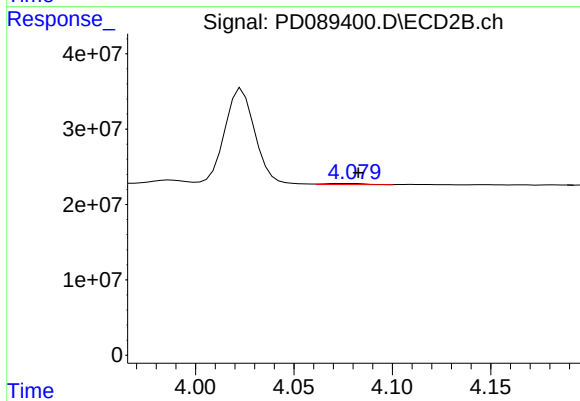
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.002 min
Response: 314183974
Conc: 12.69 ng/ml



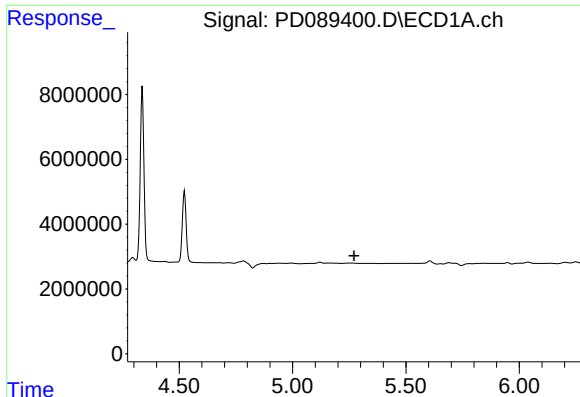
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.929 min
Response: 0
Conc: N.D.



#4 Heptachlor

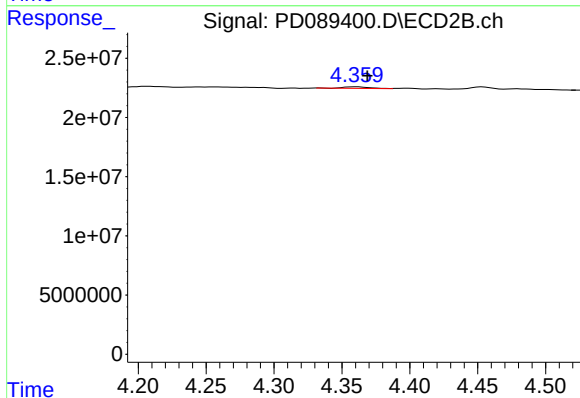
R.T.: 4.081 min
Delta R.T.: -0.002 min
Response: 1765032
Conc: 0.07 ng/ml



#5 Aldrin

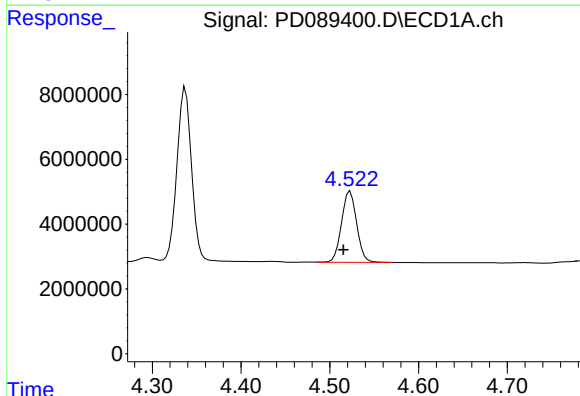
R.T.: 0.000 min
Exp R.T.: 5.271 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



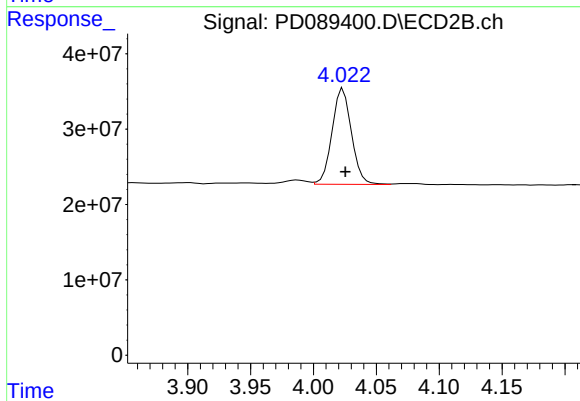
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.008 min
Response: 1745235
Conc: 0.07 ng/ml



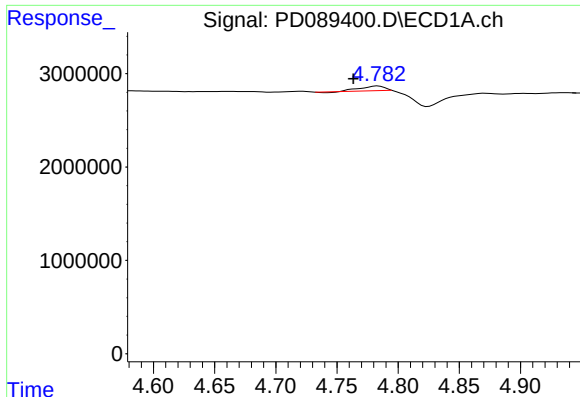
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: 0.008 min
Response: 25968681
Conc: 11.77 ng/ml



#6 beta-BHC

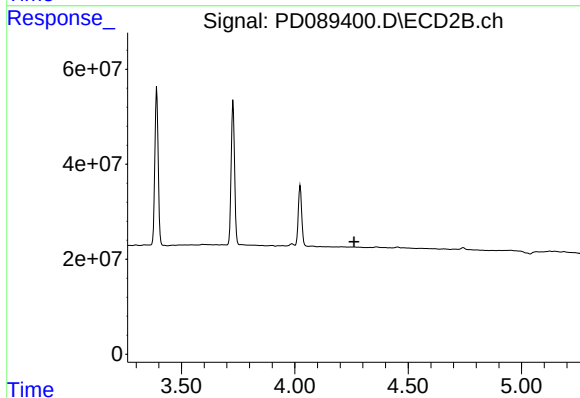
R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 136636320
Conc: 12.71 ng/ml



#7 delta-BHC

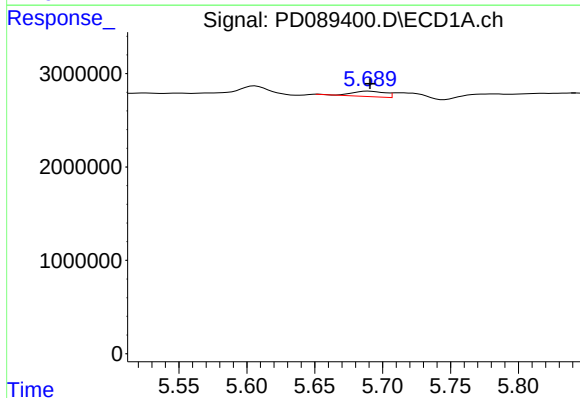
R.T.: 4.784 min
Delta R.T.: 0.020 min
Response: 685290
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



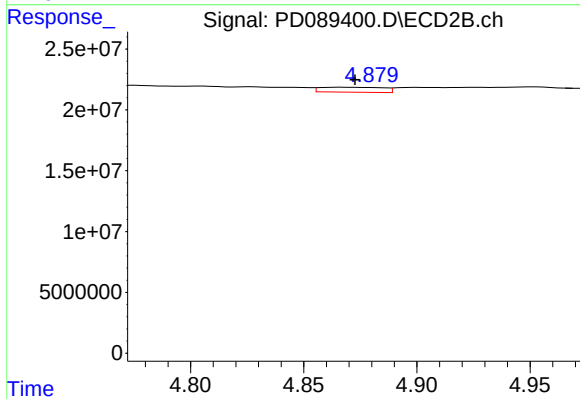
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: -0.003 min
Response: -21252
Conc: N.D.



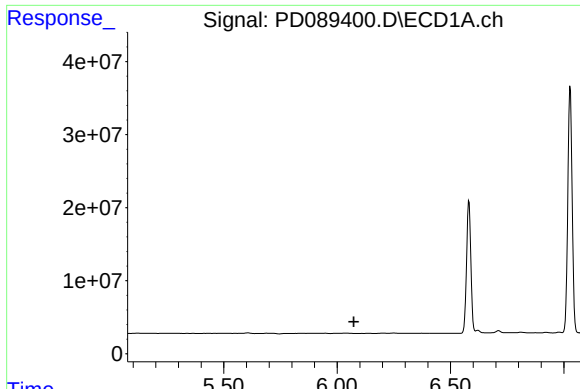
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.001 min
Response: 973646
Conc: 0.20 ng/ml



#8 Heptachlor epoxide

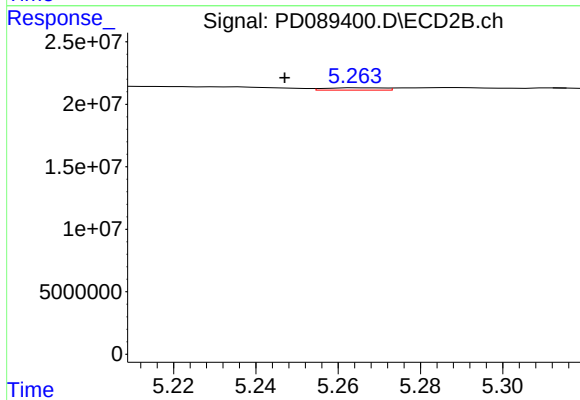
R.T.: 4.867 min
Delta R.T.: -0.006 min
Response: 7826211
Conc: 0.36 ng/ml



#9 Endosulfan I

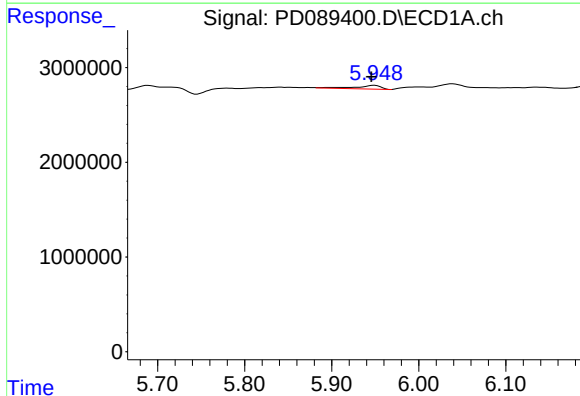
R.T.: 0.000 min
Exp R.T.: 6.074 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



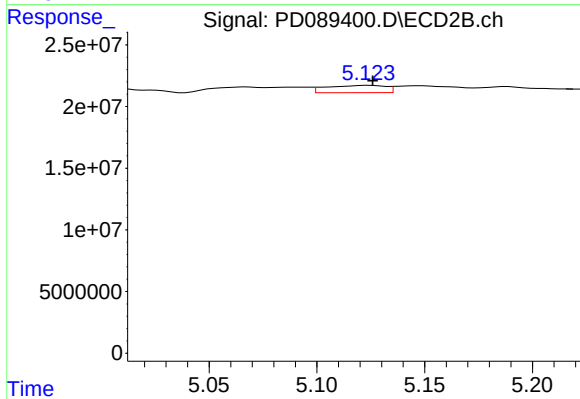
#9 Endosulfan I

R.T.: 5.265 min
Delta R.T.: 0.018 min
Response: 1837893
Conc: 0.09 ng/ml



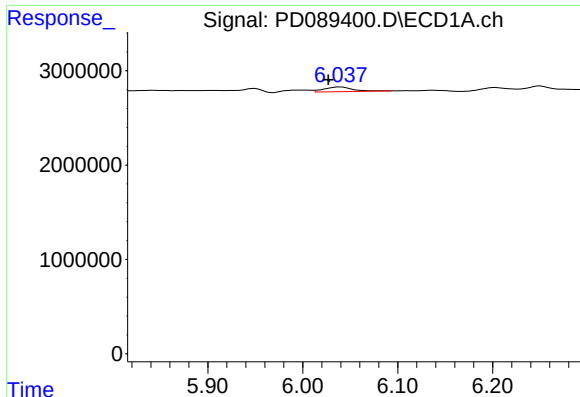
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.004 min
Response: 820425
Conc: 0.17 ng/ml



#10 gamma-Chlordane

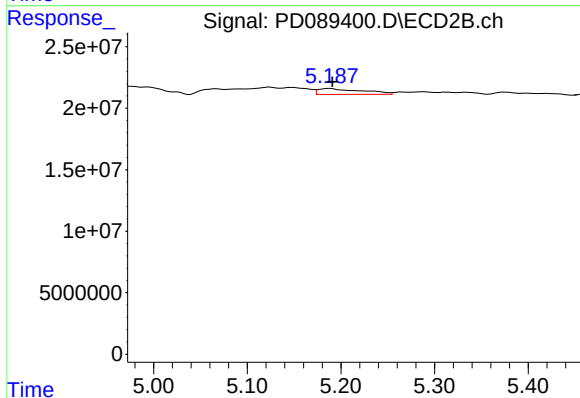
R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 11227274
Conc: 0.47 ng/ml



#11 alpha-Chlordane

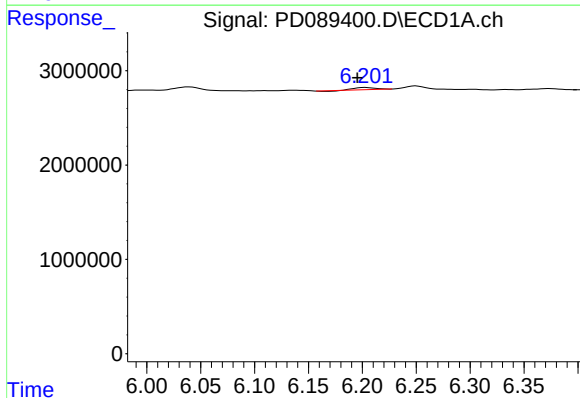
R.T.: 6.039 min
Delta R.T.: 0.012 min
Response: 1041484
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



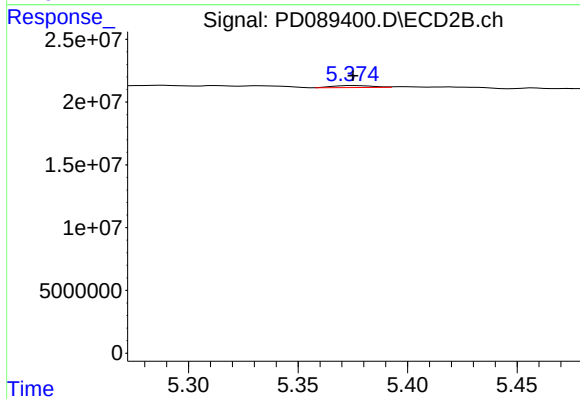
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 15402380
Conc: 0.67 ng/ml



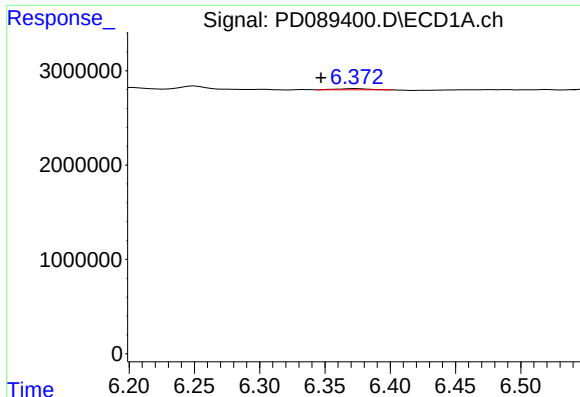
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.007 min
Response: 295265
Conc: 0.07 ng/ml



#12 4,4'-DDE

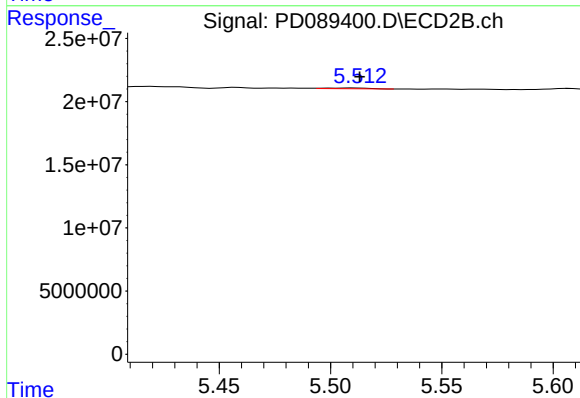
R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 1946730
Conc: 0.08 ng/ml



#13 Dieldrin

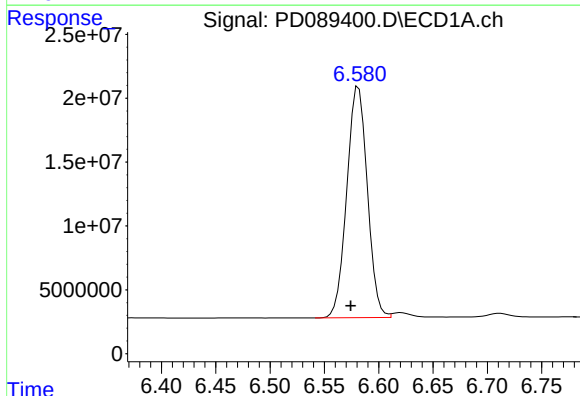
R.T.: 6.374 min
Delta R.T.: 0.027 min
Response: 207724
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



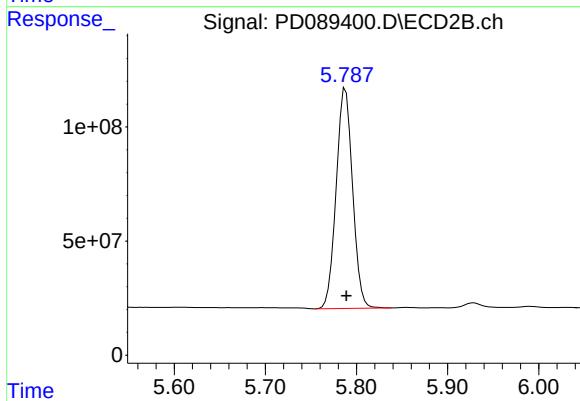
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 781053
Conc: 0.03 ng/ml



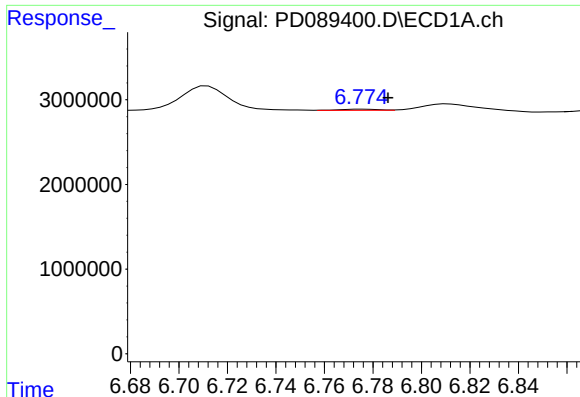
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.007 min
Response: 238652758
Conc: 57.85 ng/ml



#14 Endrin

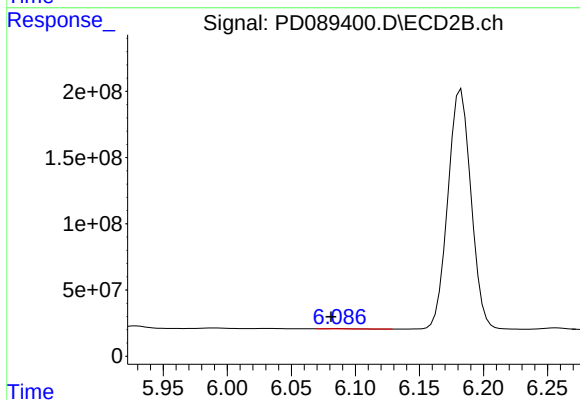
R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 1206232395
Conc: 55.55 ng/ml



#15 Endosulfan II

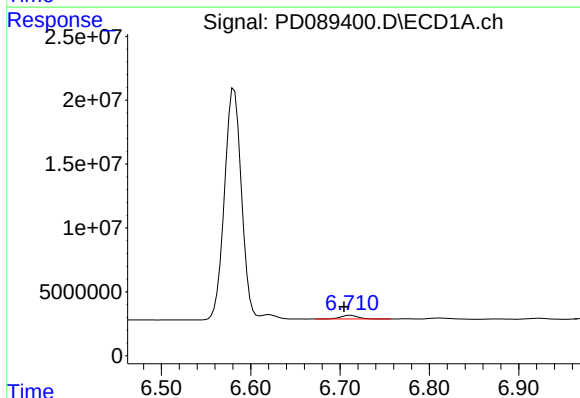
R.T.: 6.776 min
Delta R.T.: -0.011 min
Response: 155268
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



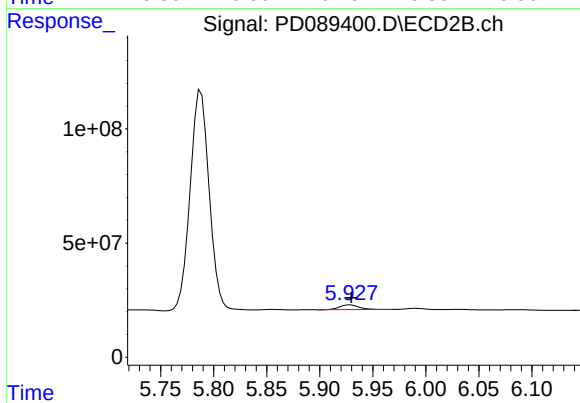
#15 Endosulfan II

R.T.: 6.087 min
Delta R.T.: 0.006 min
Response: 2323814
Conc: 0.12 ng/ml



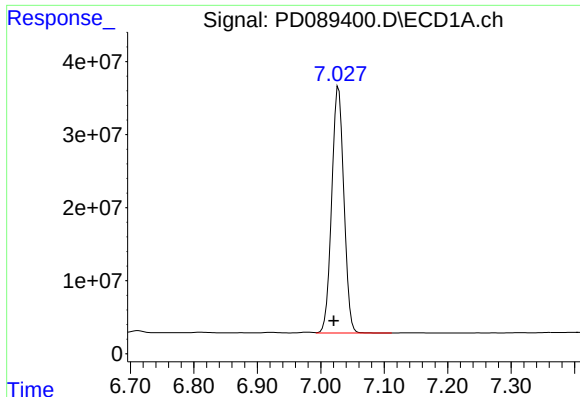
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.007 min
Response: 3984875
Conc: 1.16 ng/ml



#16 4,4'-DDD

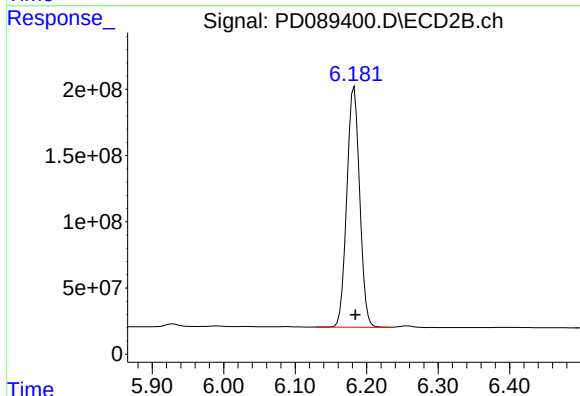
R.T.: 5.929 min
Delta R.T.: -0.001 min
Response: 26213152
Conc: 1.37 ng/ml



#17 4,4'-DDT

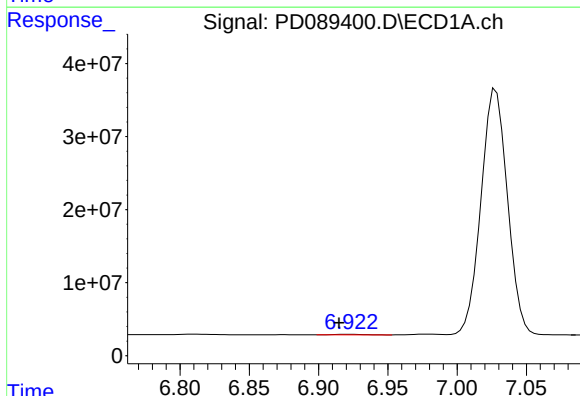
R.T.: 7.028 min
Delta R.T.: 0.008 min
Response: 448845863
Conc: 118.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



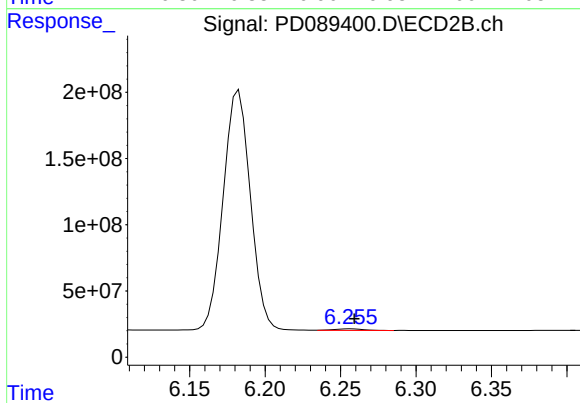
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 2276997131
Conc: 112.28 ng/ml



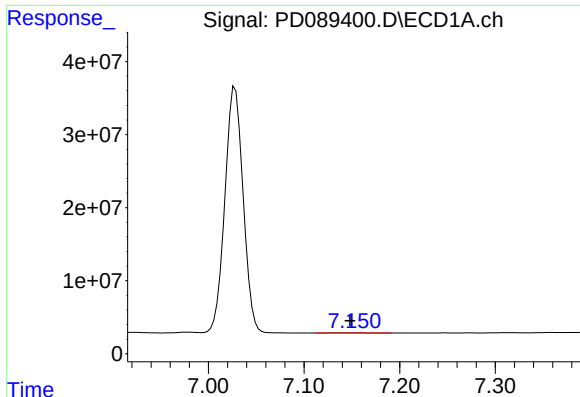
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.008 min
Response: 1078046
Conc: 0.35 ng/ml



#18 Endrin aldehyde

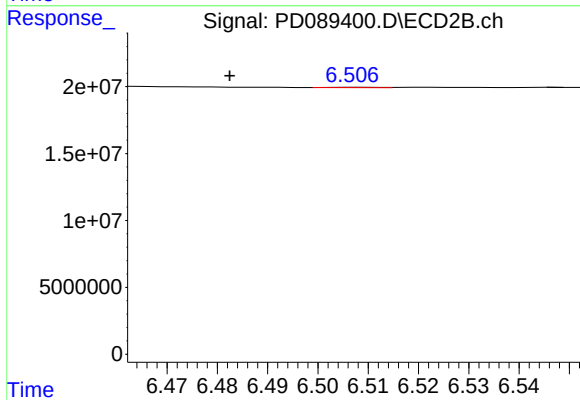
R.T.: 6.256 min
Delta R.T.: -0.003 min
Response: 14424720
Conc: 0.94 ng/ml



#19 Endosulfan Sulfate

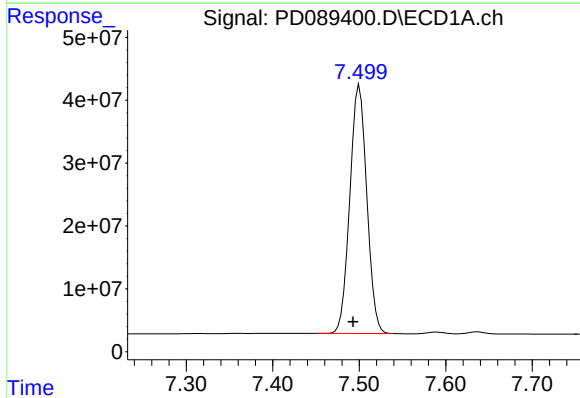
R.T.: 7.151 min
Delta R.T.: 0.003 min
Response: 532830
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



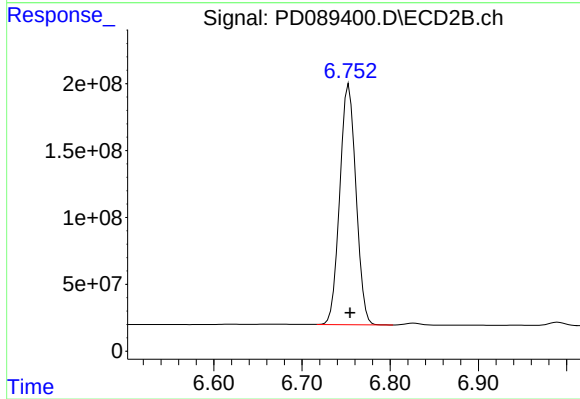
#19 Endosulfan Sulfate

R.T.: 6.508 min
Delta R.T.: 0.026 min
Response: 192911
Conc: 0.01 ng/ml



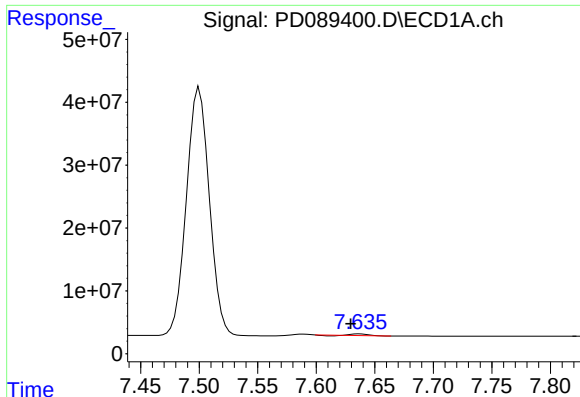
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.008 min
Response: 537475126
Conc: 265.99 ng/ml



#20 Methoxychlor

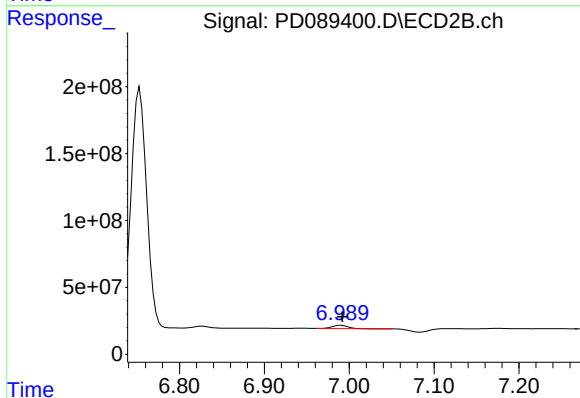
R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 2298084911
Conc: 213.42 ng/ml



#21 Endrin ketone

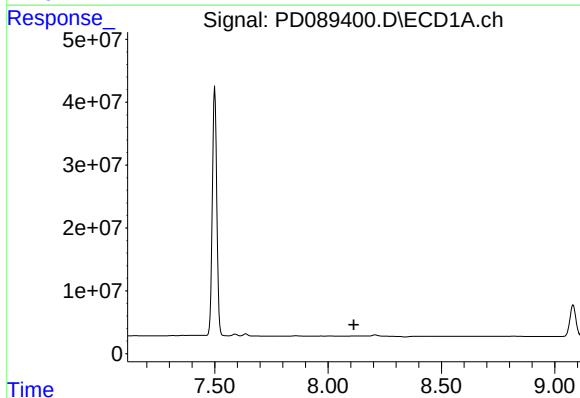
R.T.: 7.637 min
Delta R.T.: 0.008 min
Response: 2234635
Conc: 0.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



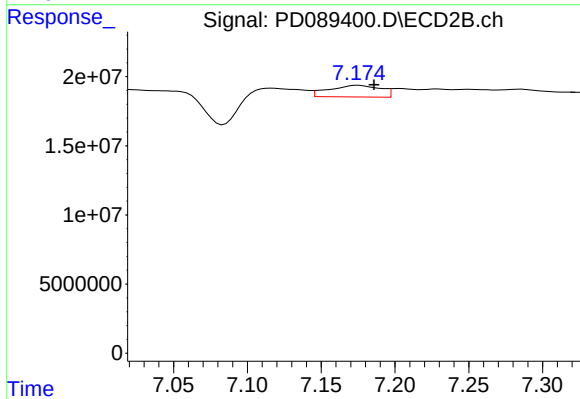
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 33310361
Conc: 1.54 ng/ml



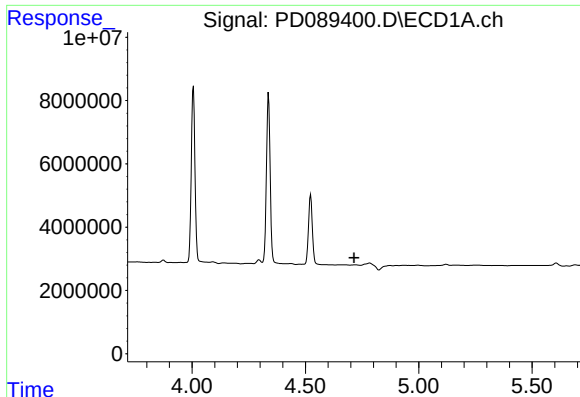
#22 Mirex

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



#22 Mirex

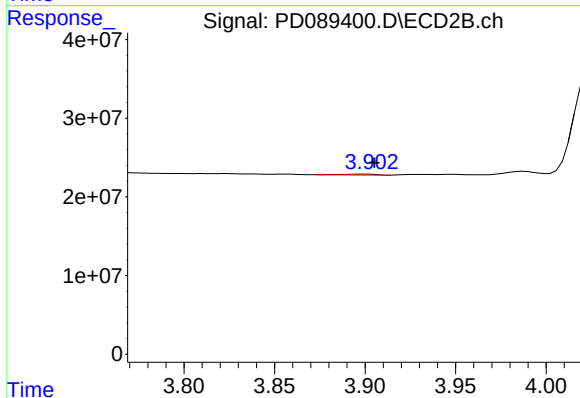
R.T.: 7.175 min
Delta R.T.: -0.011 min
Response: 20449000
Conc: 1.23 ng/ml



#23 Chlordane-1

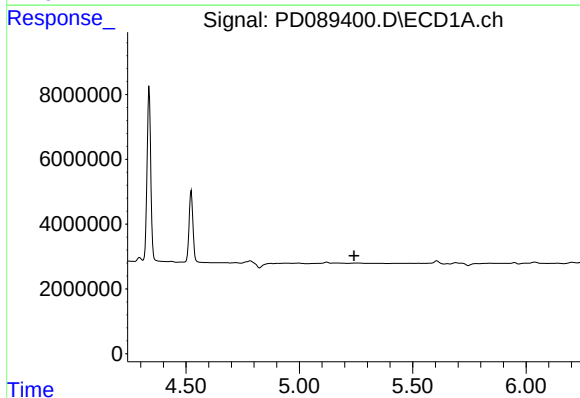
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



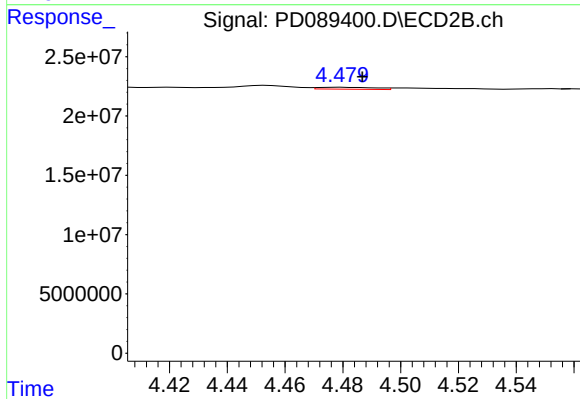
#23 Chlordane-1

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 1540553
Conc: 1.65 ng/ml



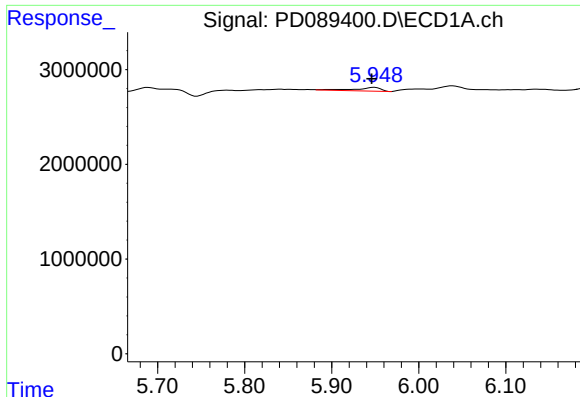
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.241 min
Response: 0
Conc: N.D.



#24 Chlordane-2

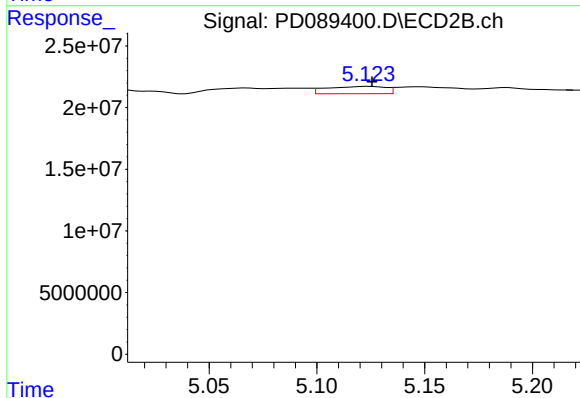
R.T.: 4.479 min
Delta R.T.: -0.007 min
Response: 2245814
Conc: 2.36 ng/ml



#25 Chlordane-3

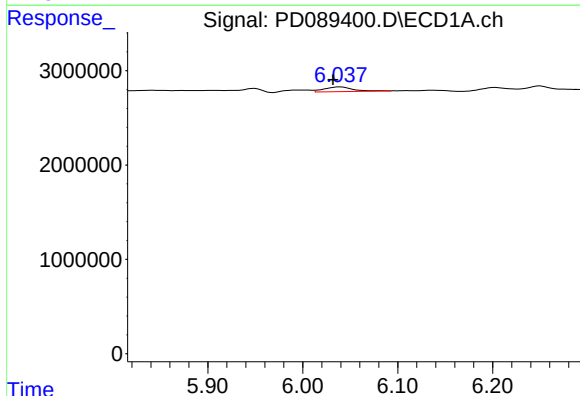
R.T.: 5.949 min
Delta R.T.: 0.003 min
Response: 820425
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



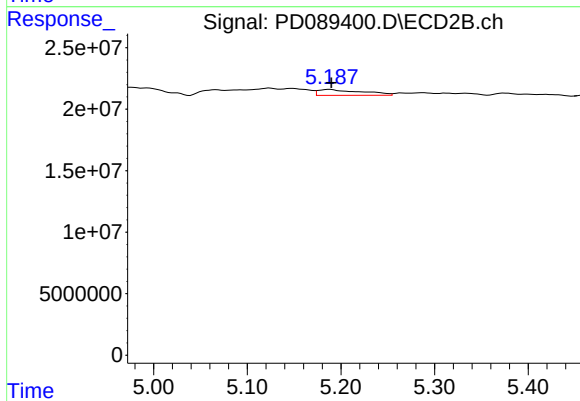
#25 Chlordane-3

R.T.: 5.124 min
Delta R.T.: -0.001 min
Response: 11227274
Conc: 3.78 ng/ml



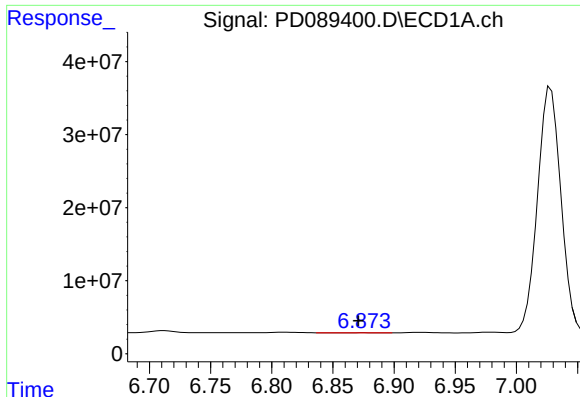
#26 Chlordane-4

R.T.: 6.039 min
Delta R.T.: 0.007 min
Response: 1041484
Conc: 0.99 ng/ml



#26 Chlordane-4

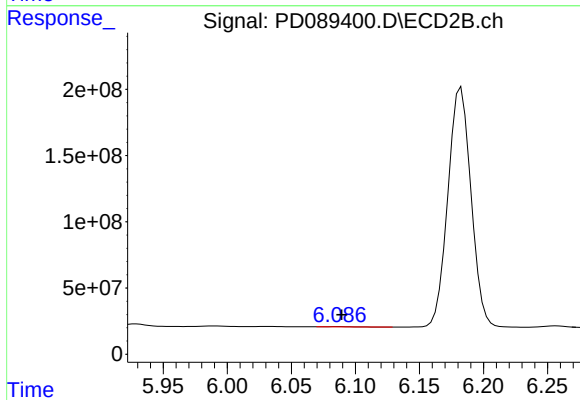
R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 15402380
Conc: 6.14 ng/ml



#27 Chlordane-5

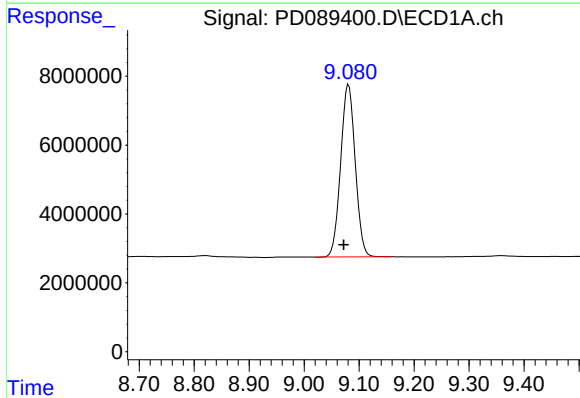
R.T.: 6.875 min
Delta R.T.: 0.004 min
Response: 11348
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



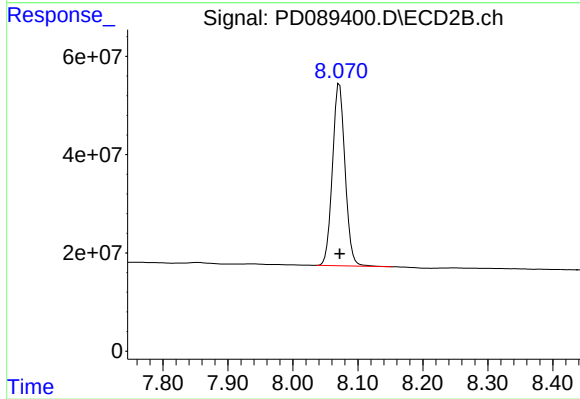
#27 Chlordane-5

R.T.: 6.087 min
Delta R.T.: -0.002 min
Response: 2323814
Conc: 2.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: 0.009 min
Response: 92313287
Conc: 23.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 497466544
Conc: 25.16 ng/ml