

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102125\
 Data File : PD090723.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 09:58
 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: Oct 23 13:09:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.545	2.873	72548570	703.7E6	23.296	23.631
28)	SA Decachlor...	9.067	8.061	105.3E6	735.1E6	22.513	24.266
Target Compounds							
2)	A alpha-BHC	3.994	3.385	71227660	591.6E6	9.924	11.578
3)	MA gamma-BHC...	4.325	3.721	70513859	552.7E6	10.371	11.698
4)	MA Heptachlor	4.947f	4.075	537231	1609063	0.096	0.036 #
5)	MB Aldrin	0.000	4.356	0	10812693	N.D.	0.233 #
6)	B beta-BHC	4.512	4.018	29806124	225.8E6	11.378	11.389
7)	B delta-BHC	4.771	4.253	1589623	866303	0.235	0.018 #
8)	B Heptachlo...	5.680	4.865	3440628	7841847	0.594	0.184 #
10)	B gamma-Chl...	5.935	5.114	390770	38642222	0.066	0.860 #
11)	B alpha-Chl...	5.996f	5.194	5140101	99264706	0.832	2.301 #
12)	B 4,4'-DDE	6.192	5.367	229538	49903759	0.043	1.138 #
13)	MA Dieldrin	6.364f	5.506	262775	9834787	0.045	0.223 #
14)	MA Endrin	6.569	5.779	278.8E6	2225.3E6	56.277	54.954
15)	B Endosulfa...	6.803f	6.079	12311081	8739103	2.462	0.233 #
16)	A 4,4'-DDD	6.701	5.922	21764998	57931681	5.368	1.590 #
17)	MA 4,4'-DDT	7.017	6.173	466.8E6	3958.2E6	113.553	112.856
18)	B Endrin al...	6.912	6.247	6616489	24455822	1.806	0.883 #
19)	B Endosulfa...	0.000	6.446f	0	8297529	N.D.	0.231 #
20)	A Methoxychlor	7.490	6.744	552.2E6	4002.7E6	259.776	229.671
21)	B Endrin ke...	7.625	6.981	4855312	40075025	0.999	1.062
22)	Mirex	0.000	7.166	0	11120746	N.D.	0.433 #
23)	Chlordane-1	0.000	3.889	0	1428956	N.D.	1.147 #
24)	Chlordane-2	0.000	4.474	0	38554624	N.D.	29.555 #
25)	Chlordane-3	5.935	5.114	390770	38642222	0.512	9.930 #
26)	Chlordane-4	5.996f	5.194	5140101	99264706	5.305	29.709 #
27)	Chlordane-5	6.877	6.079	6450564	8739103	42.930	5.921 #

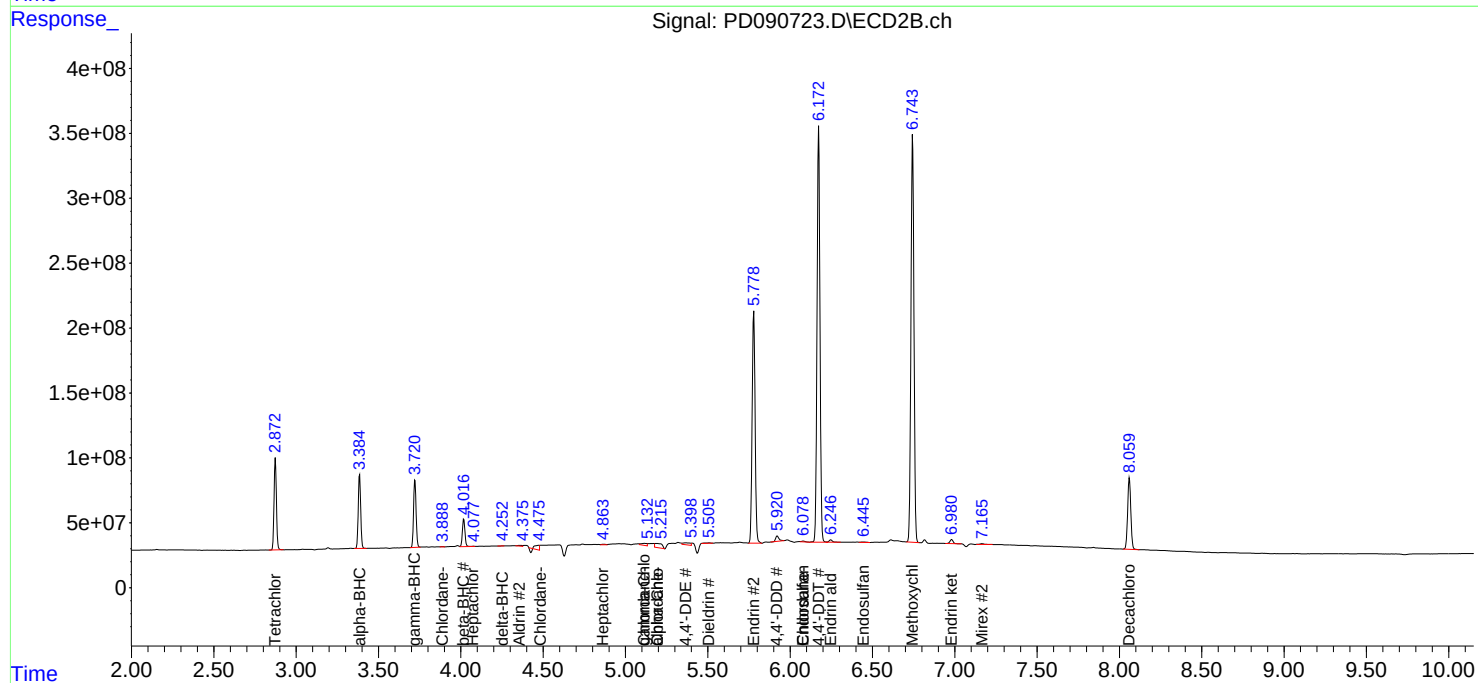
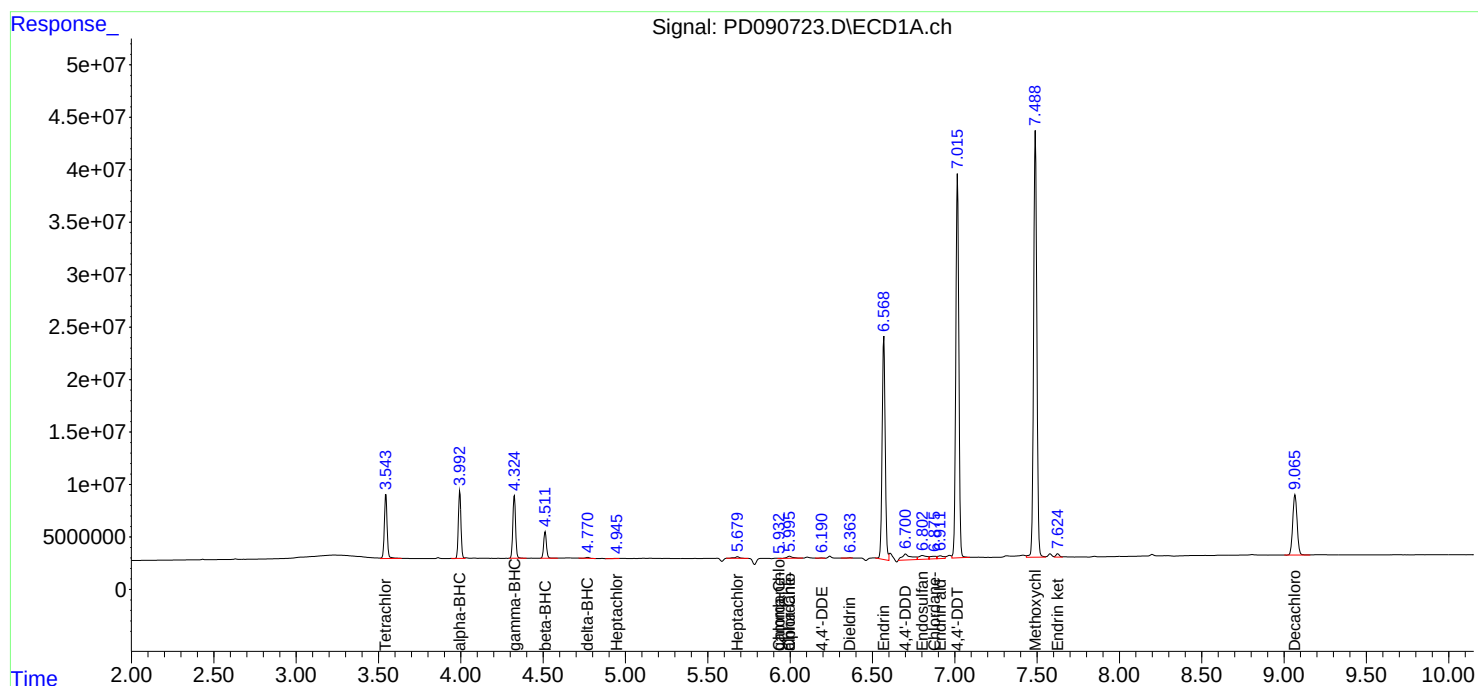
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

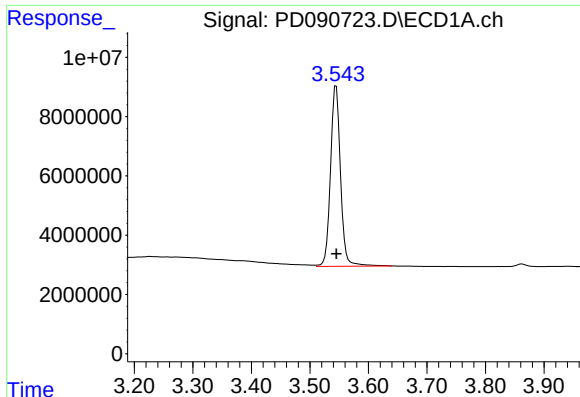
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102125\
Data File : PD090723.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:58
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 13:09:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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

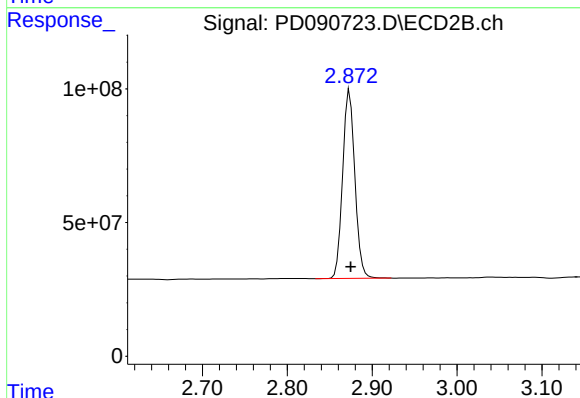




#1 Tetrachloro-m-xylene

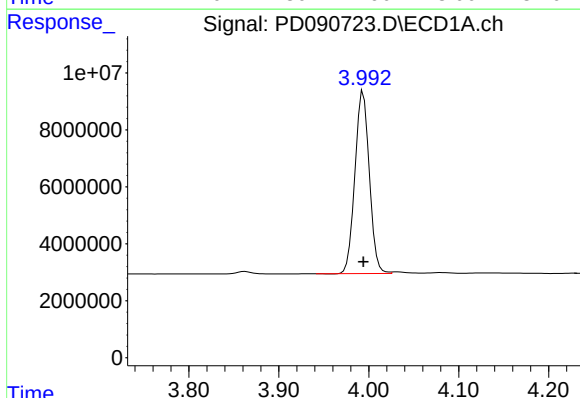
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 72548570
Conc: 23.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



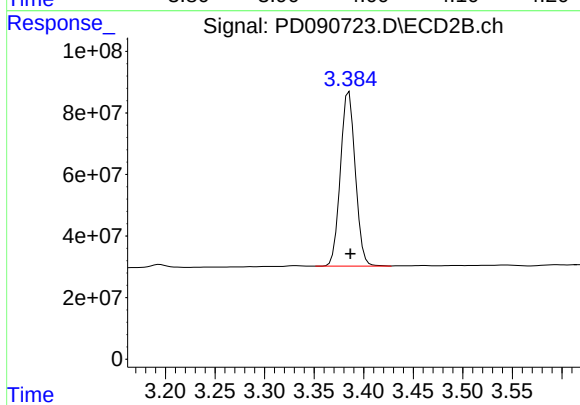
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 703662549
Conc: 23.63 ng/ml



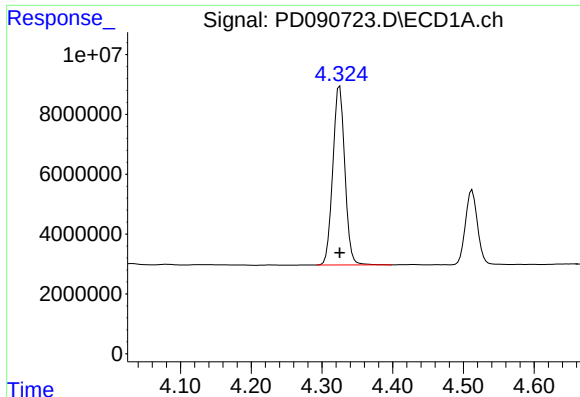
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 71227660
Conc: 9.92 ng/ml



#2 alpha-BHC

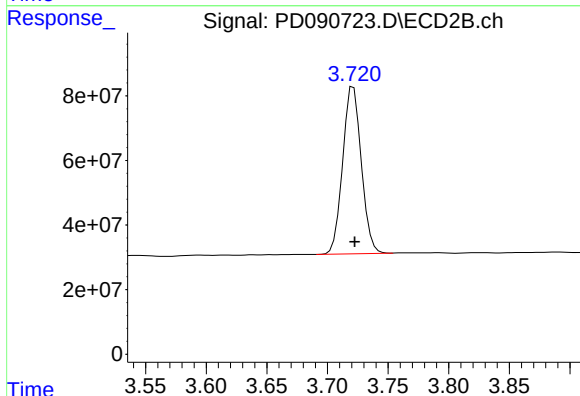
R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 591596777
Conc: 11.58 ng/ml



#3 gamma-BHC (Lindane)

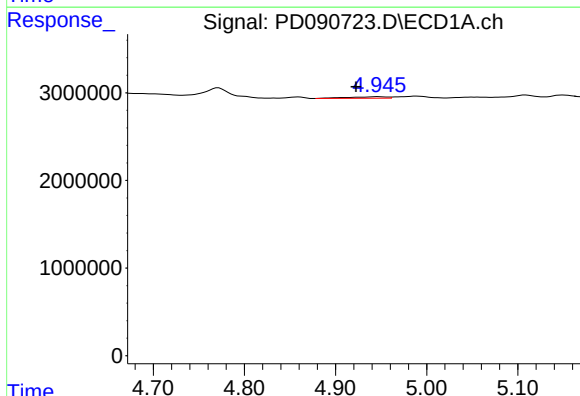
R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 70513859
Conc: 10.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



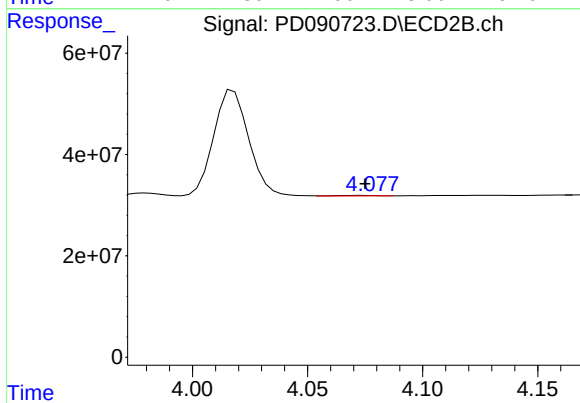
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 552699009
Conc: 11.70 ng/ml



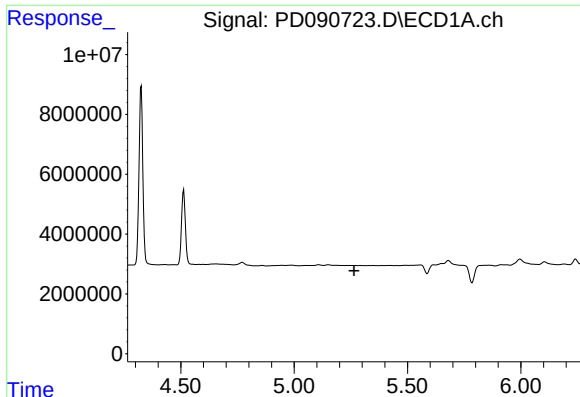
#4 Heptachlor

R.T.: 4.947 min
Delta R.T.: 0.024 min
Response: 537231
Conc: 0.10 ng/ml



#4 Heptachlor

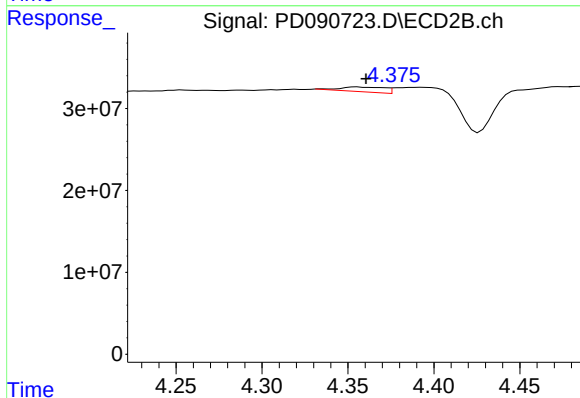
R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 1609063
Conc: 0.04 ng/ml



#5 Aldrin

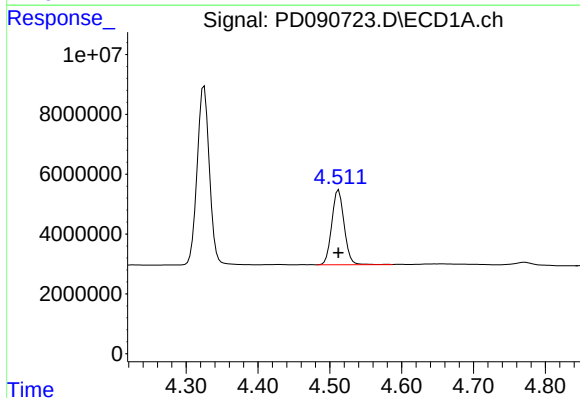
R.T.: 0.000 min
Exp R.T.: 5.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



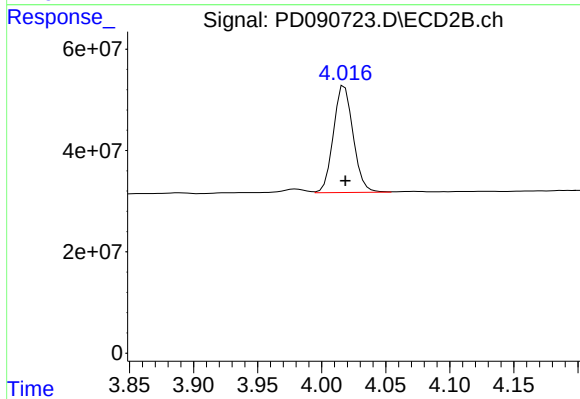
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.005 min
Response: 10812693
Conc: 0.23 ng/ml



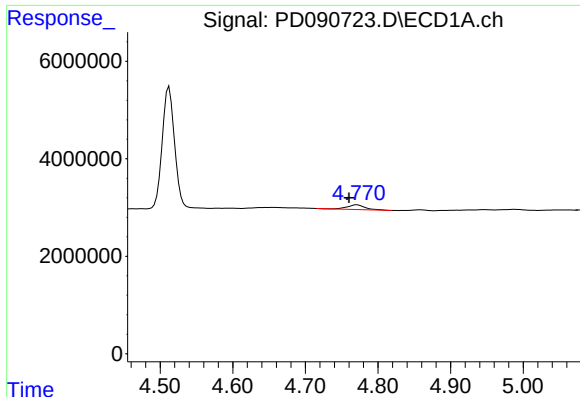
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 29806124
Conc: 11.38 ng/ml



#6 beta-BHC

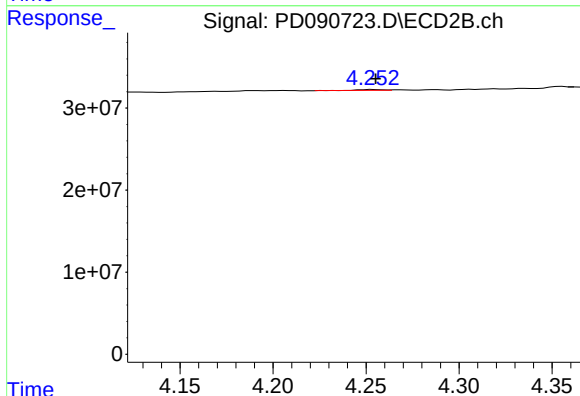
R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 225830320
Conc: 11.39 ng/ml



#7 delta-BHC

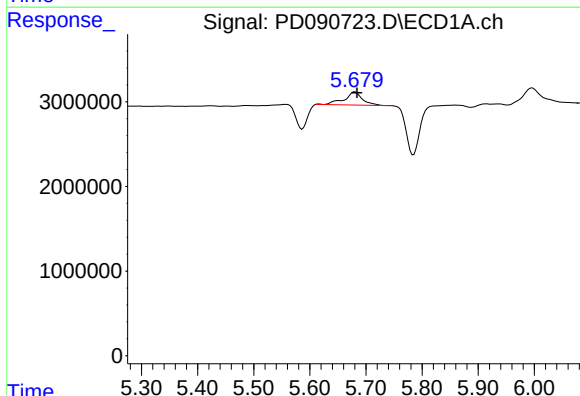
R.T.: 4.771 min
Delta R.T.: 0.011 min
Response: 1589623
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



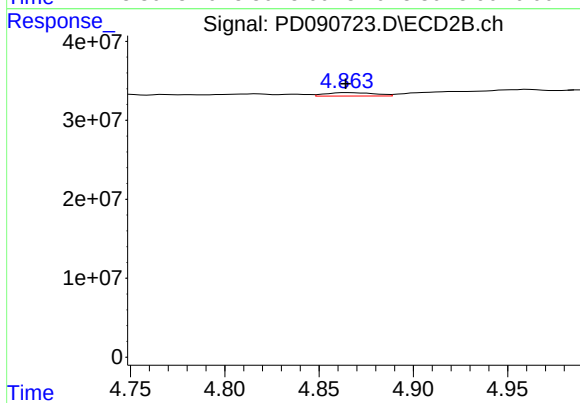
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 866303
Conc: 0.02 ng/ml



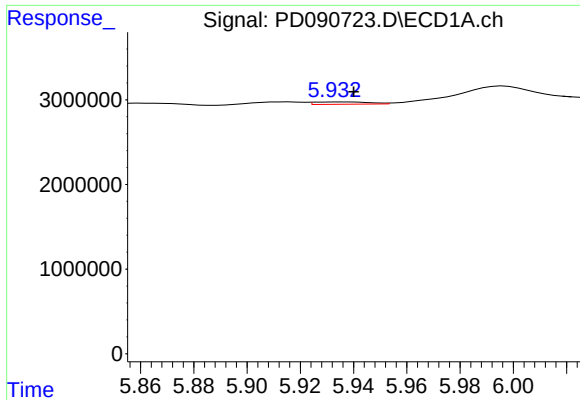
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.004 min
Response: 3440628
Conc: 0.59 ng/ml



#8 Heptachlor epoxide

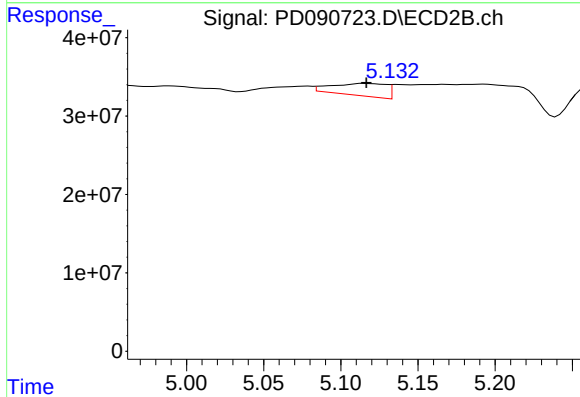
R.T.: 4.865 min
Delta R.T.: 0.001 min
Response: 7841847
Conc: 0.18 ng/ml



#10 gamma-Chlordane

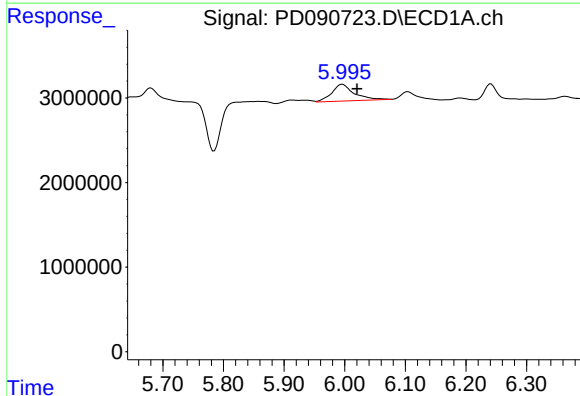
R.T.: 5.935 min
Delta R.T.: -0.006 min
Response: 390770
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



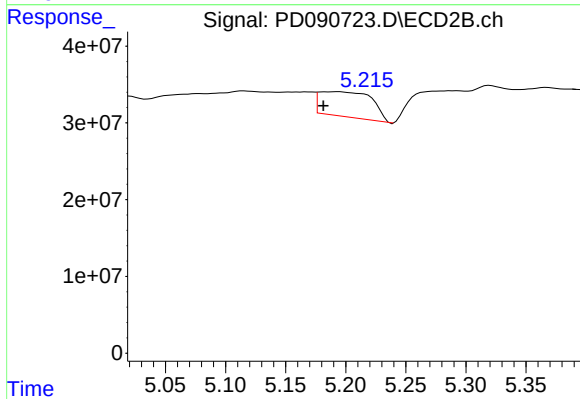
#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 38642222
Conc: 0.86 ng/ml



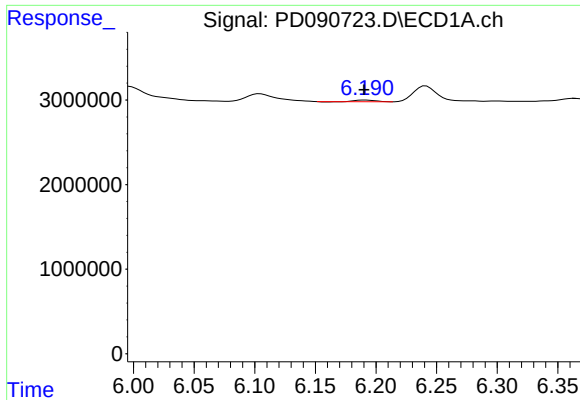
#11 alpha-Chlordane

R.T.: 5.996 min
Delta R.T.: -0.024 min
Response: 5140101
Conc: 0.83 ng/ml



#11 alpha-Chlordane

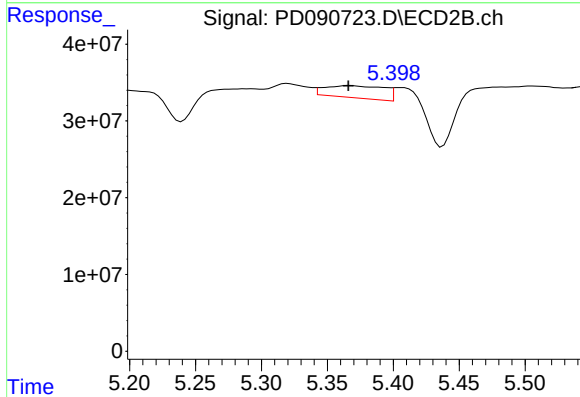
R.T.: 5.194 min
Delta R.T.: 0.012 min
Response: 99264706
Conc: 2.30 ng/ml



#12 4,4'-DDE

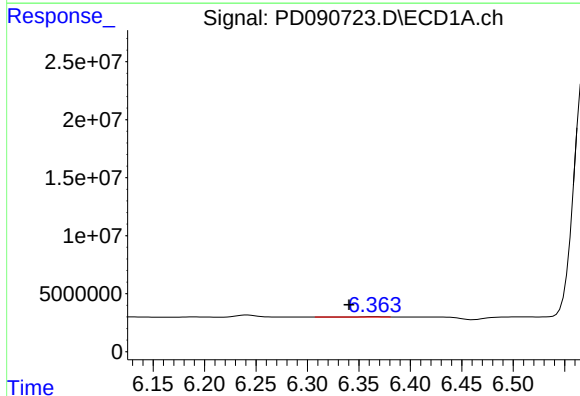
R.T.: 6.192 min
Delta R.T.: 0.002 min
Response: 229538
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



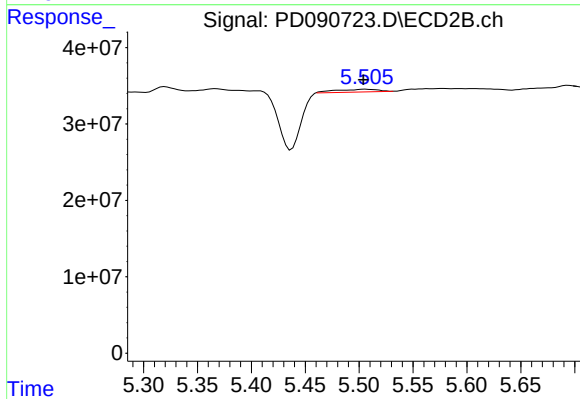
#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: 0.001 min
Response: 49903759
Conc: 1.14 ng/ml



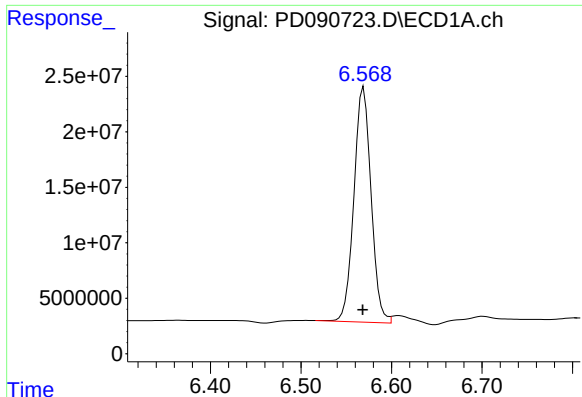
#13 Dieldrin

R.T.: 6.364 min
Delta R.T.: 0.024 min
Response: 262775
Conc: 0.05 ng/ml



#13 Dieldrin

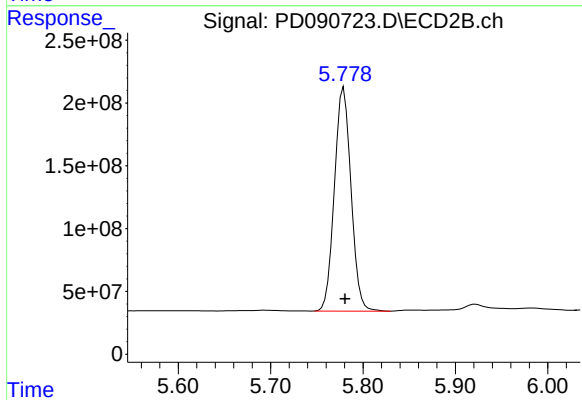
R.T.: 5.506 min
Delta R.T.: 0.002 min
Response: 9834787
Conc: 0.22 ng/ml



#14 Endrin

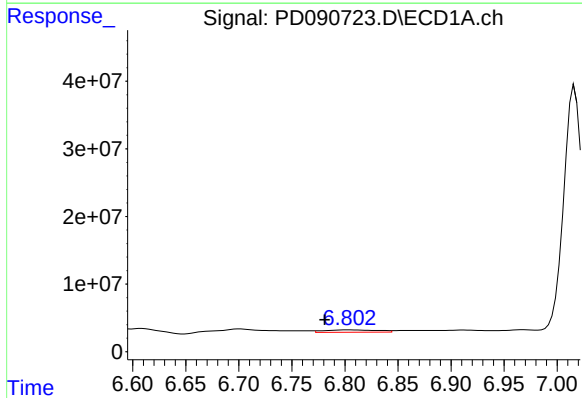
R.T.: 6.569 min
Delta R.T.: 0.001 min
Response: 278779014
Conc: 56.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



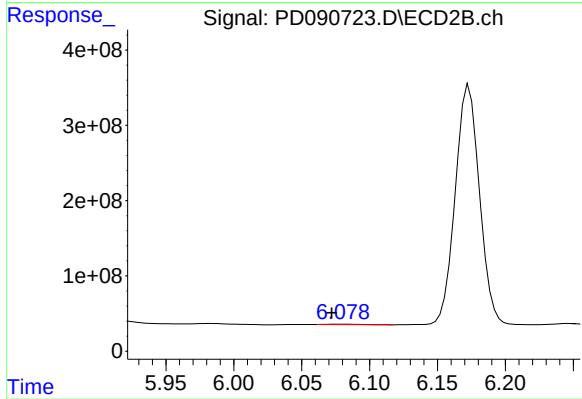
#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 2225293455
Conc: 54.95 ng/ml



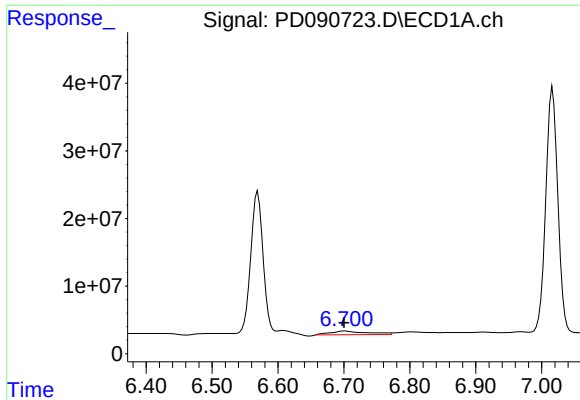
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.022 min
Response: 12311081
Conc: 2.46 ng/ml



#15 Endosulfan II

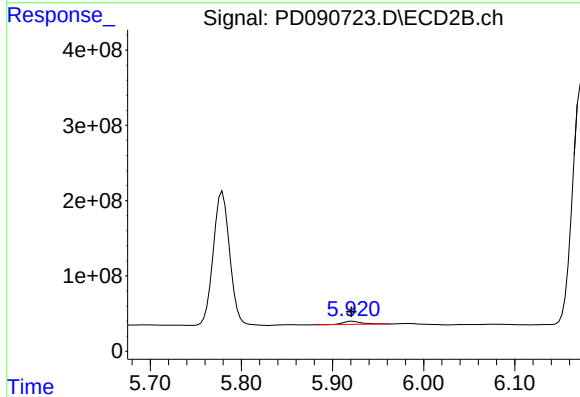
R.T.: 6.079 min
Delta R.T.: 0.006 min
Response: 8739103
Conc: 0.23 ng/ml



#16 4,4'-DDD

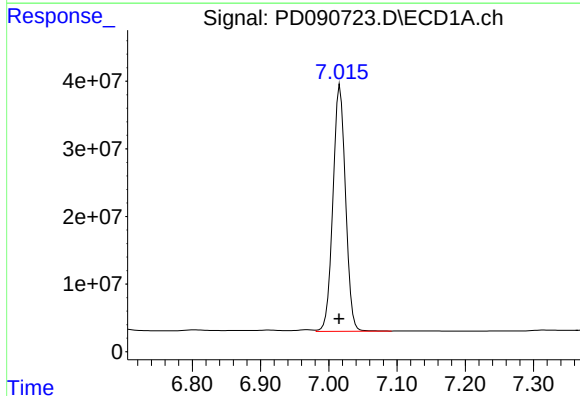
R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 21764998
Conc: 5.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



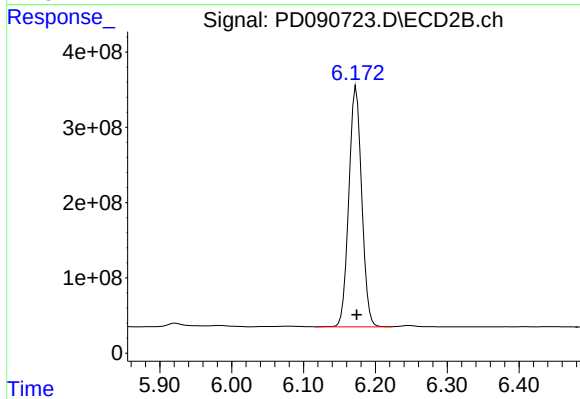
#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 57931681
Conc: 1.59 ng/ml



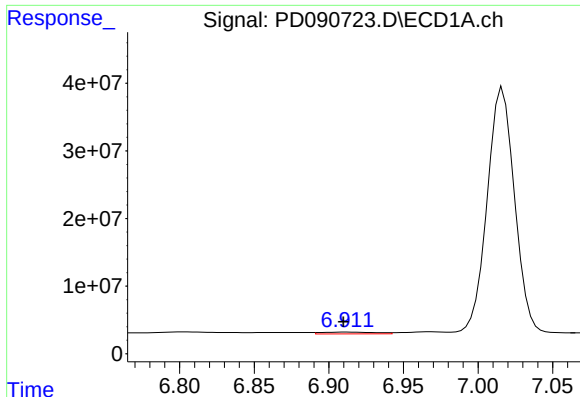
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: 0.001 min
Response: 466756116
Conc: 113.55 ng/ml



#17 4,4'-DDT

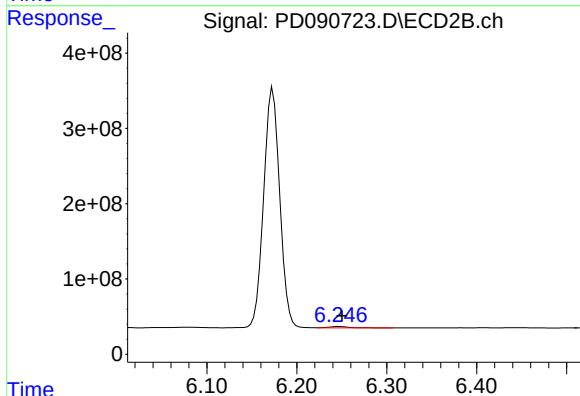
R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 3958226308
Conc: 112.86 ng/ml



#18 Endrin aldehyde

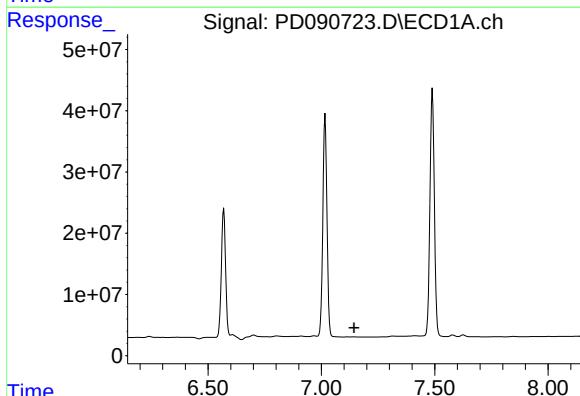
R.T.: 6.912 min
Delta R.T.: 0.002 min
Response: 6616489
Conc: 1.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



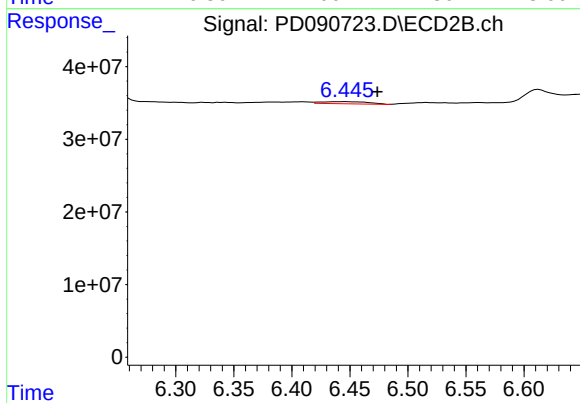
#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 24455822
Conc: 0.88 ng/ml



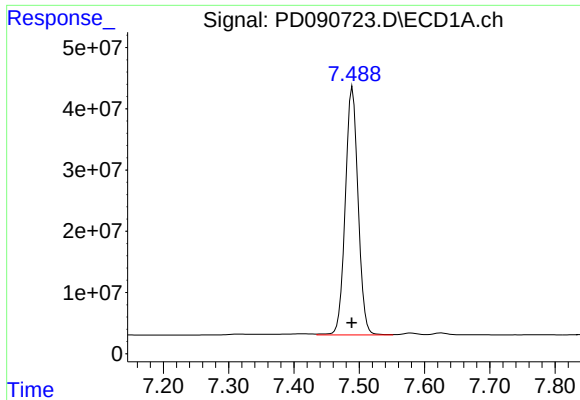
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.145 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

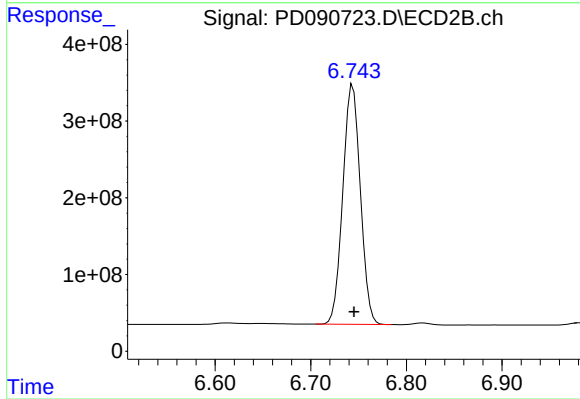
R.T.: 6.446 min
Delta R.T.: -0.028 min
Response: 8297529
Conc: 0.23 ng/ml



#20 Methoxychlor

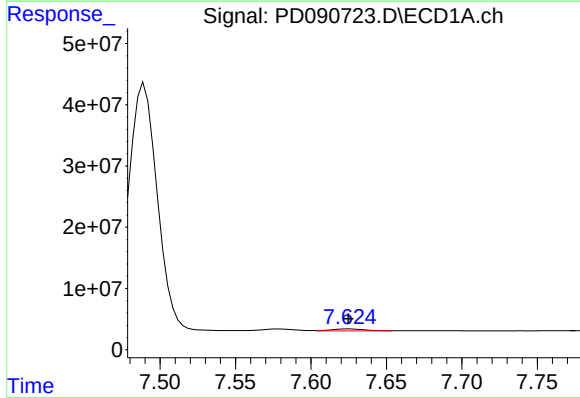
R.T.: 7.490 min
Delta R.T.: 0.001 min
Response: 552175328
Conc: 259.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



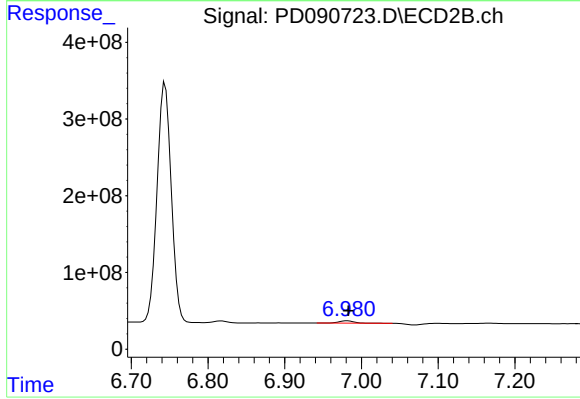
#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: -0.001 min
Response: 4002657541
Conc: 229.67 ng/ml



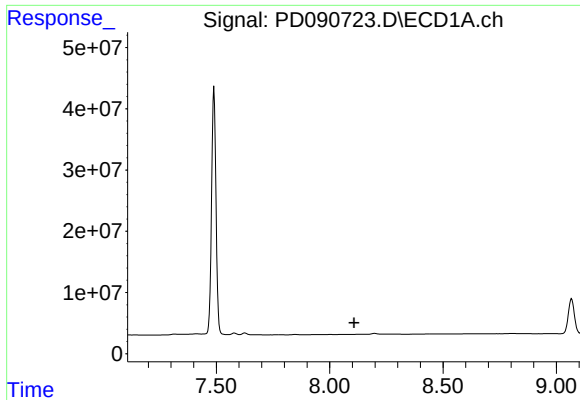
#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 4855312
Conc: 1.00 ng/ml



#21 Endrin ketone

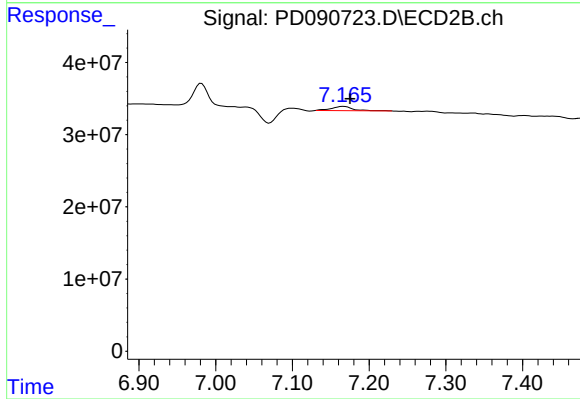
R.T.: 6.981 min
Delta R.T.: -0.001 min
Response: 40075025
Conc: 1.06 ng/ml



#22 Mirex

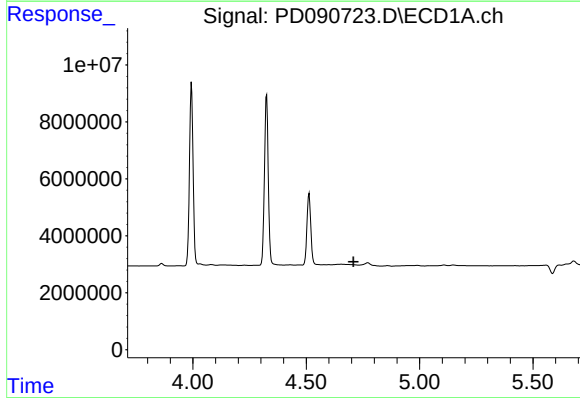
R.T.: 0.000 min
Exp R.T.: 8.107 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



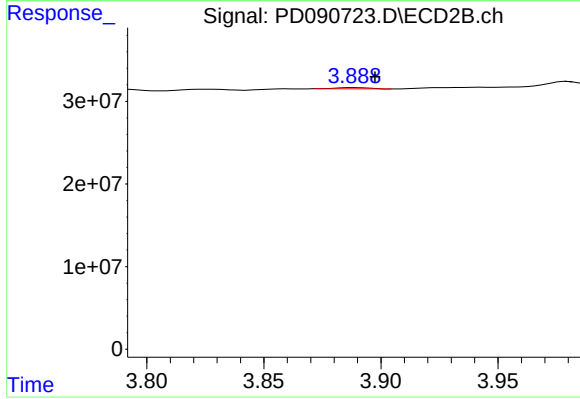
#22 Mirex

R.T.: 7.166 min
Delta R.T.: -0.009 min
Response: 11120746
Conc: 0.43 ng/ml



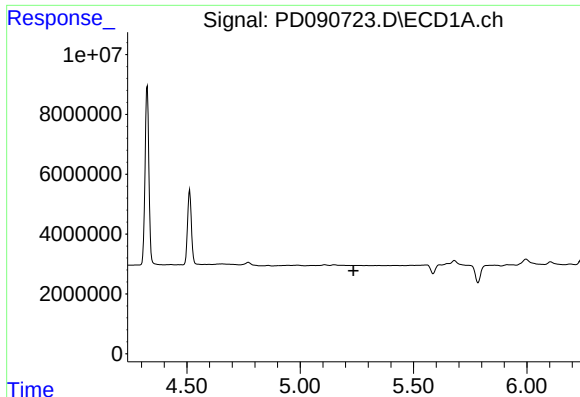
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.709 min
Response: 0
Conc: N.D.



#23 Chlordane-1

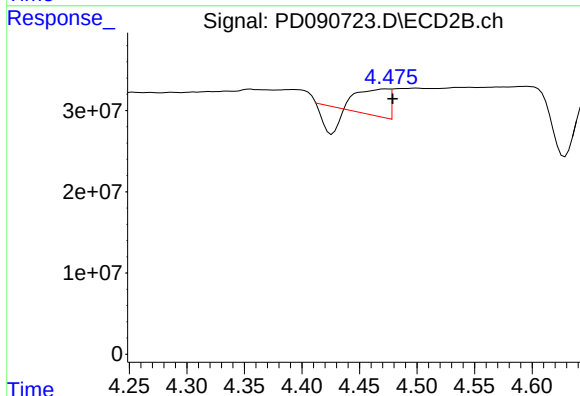
R.T.: 3.889 min
Delta R.T.: -0.008 min
Response: 1428956
Conc: 1.15 ng/ml



#24 Chlordane-2

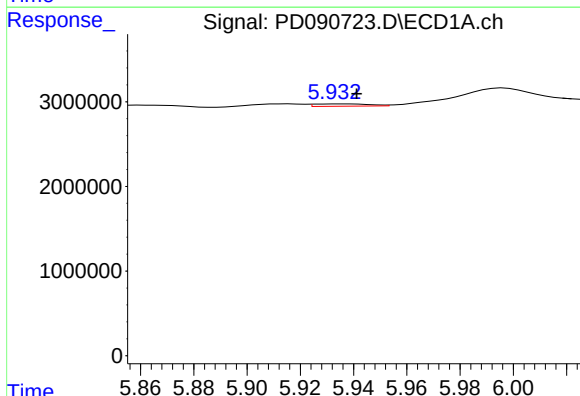
R.T.: 0.000 min
Exp R.T.: 5.236 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



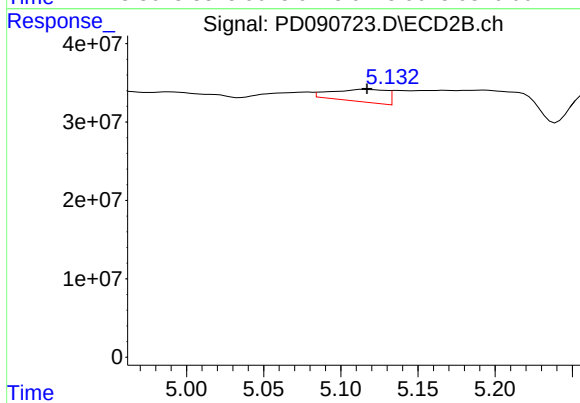
#24 Chlordane-2

R.T.: 4.474 min
Delta R.T.: -0.005 min
Response: 38554624
Conc: 29.55 ng/ml



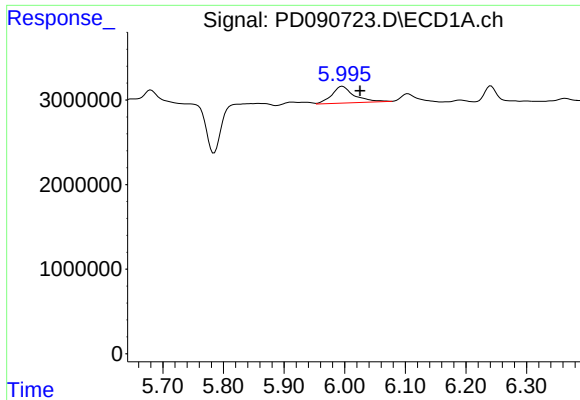
#25 Chlordane-3

R.T.: 5.935 min
Delta R.T.: -0.007 min
Response: 390770
Conc: 0.51 ng/ml



#25 Chlordane-3

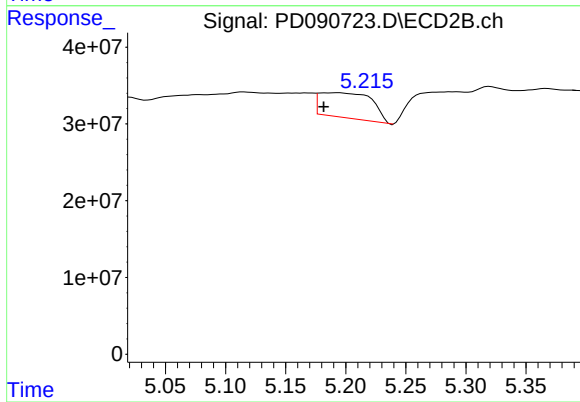
R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 38642222
Conc: 9.93 ng/ml



#26 Chlordane-4

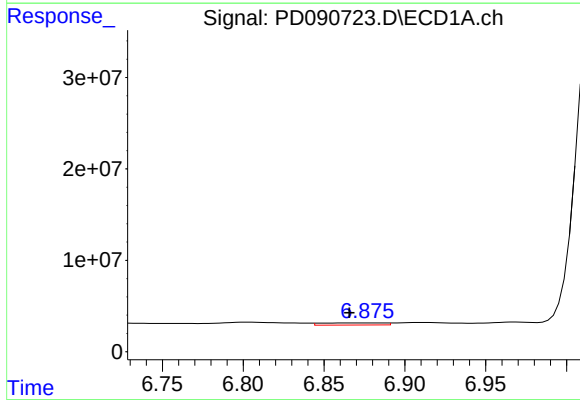
R.T.: 5.996 min
Delta R.T.: -0.029 min
Response: 5140101
Conc: 5.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



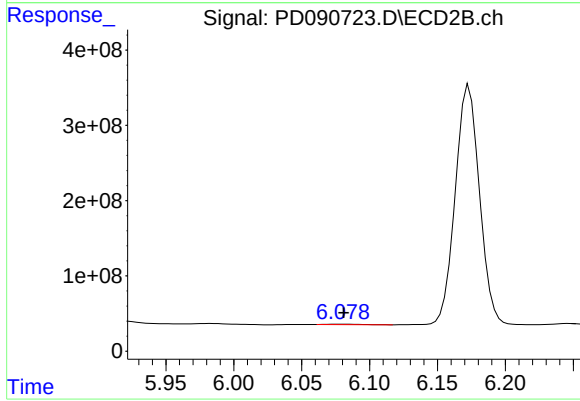
#26 Chlordane-4

R.T.: 5.194 min
Delta R.T.: 0.012 min
Response: 99264706
Conc: 29.71 ng/ml



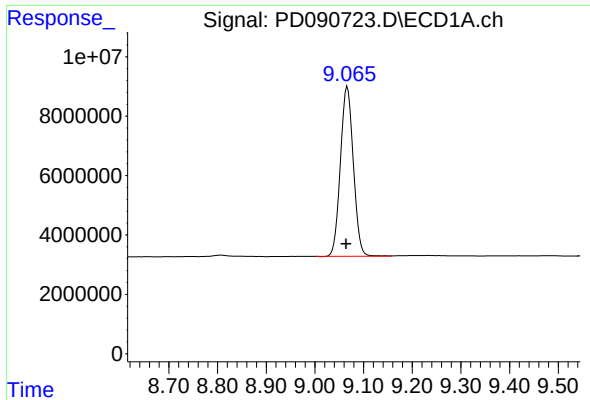
#27 Chlordane-5

R.T.: 6.877 min
Delta R.T.: 0.011 min
Response: 6450564
Conc: 42.93 ng/ml



#27 Chlordane-5

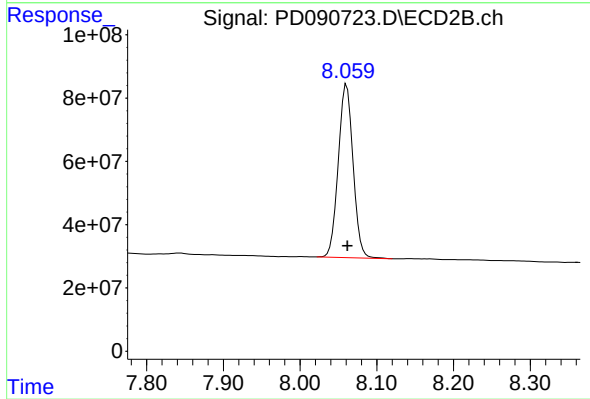
R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 8739103
Conc: 5.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.003 min
Response: 105313034
Conc: 22.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.001 min
Response: 735061719
Conc: 24.27 ng/ml