

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081825\
 Data File : PD089962.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2025 10:57
 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: Aug 19 05:50:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 05:46:23 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...	3.547	2.878	52822124	407.5E6	17.998	18.482
28)	SA Decachlor...	9.067	8.065	83019356	468.1E6	19.236	18.085
Target Compounds							
2)	A alpha-BHC	3.996	3.390	50768567	337.3E6	8.458	9.937
3)	MA gamma-BHC...	4.327	3.726	50414597	304.8E6	8.803	9.777
4)	MA Heptachlor	4.948f	4.075	1218304	1788717	0.217	0.057 #
5)	MB Aldrin	5.255	4.359	146737	1384966	0.027	0.045 #
6)	B beta-BHC	4.514	4.022	21427253	134.0E6	9.553	10.050
7)	B delta-BHC	0.000	4.258	0	739394	N.D.	0.023 #
8)	B Heptachlo...	5.680	4.861	3012576	1227666	0.614	0.044 #
9)	A Endosulfan I	6.087f	5.226f	110241	3407941	0.024	0.130 #
10)	B gamma-Chl...	5.940	5.122	429508	10273830	0.088	0.347 #
11)	B alpha-Chl...	6.029	5.205f	1125586	2021458	0.229	0.071 #
12)	B 4,4'-DDE	6.198	5.369	213071	1502258	0.049	0.052
13)	MA Dieldrin	0.000	5.493	0	348334	N.D.	0.012 #
14)	MA Endrin	6.571	5.784	192.4E6	1195.1E6	46.444	44.876
15)	B Endosulfa...	6.767f	6.081	1588285	741782	0.376	0.029 #
16)	A 4,4'-DDD	6.702	5.925	2470686	19040432	0.714	0.792
17)	MA 4,4'-DDT	7.017	6.177	351.8E6	2174.2E6	92.342	86.726
18)	B Endrin al...	6.914	6.252	879623	12473710	0.307	0.724 #
19)	B Endosulfa...	0.000	6.477	0	1896203	N.D.	0.078 #
20)	A Methoxychlor	7.490	6.748	434.8E6	2393.7E6	216.778	185.618
21)	B Endrin ke...	7.626	6.985	1872381	21266333	0.452	0.798 #
22)	Mirex	8.116	7.170	177865	3578333	0.056	0.173 #
23)	Chlordane-1	0.000	3.900	0	1521576	N.D.	1.626 #
24)	Chlordane-2	5.241	4.486	305053	967434	1.647	0.994 #
25)	Chlordane-3	5.940	5.122	429508	10273830	0.603	3.558 #
26)	Chlordane-4	6.029	5.205	1125586	2021458	1.284	0.813 #
27)	Chlordane-5	6.866	6.081	265045	741782	1.781	0.640 #

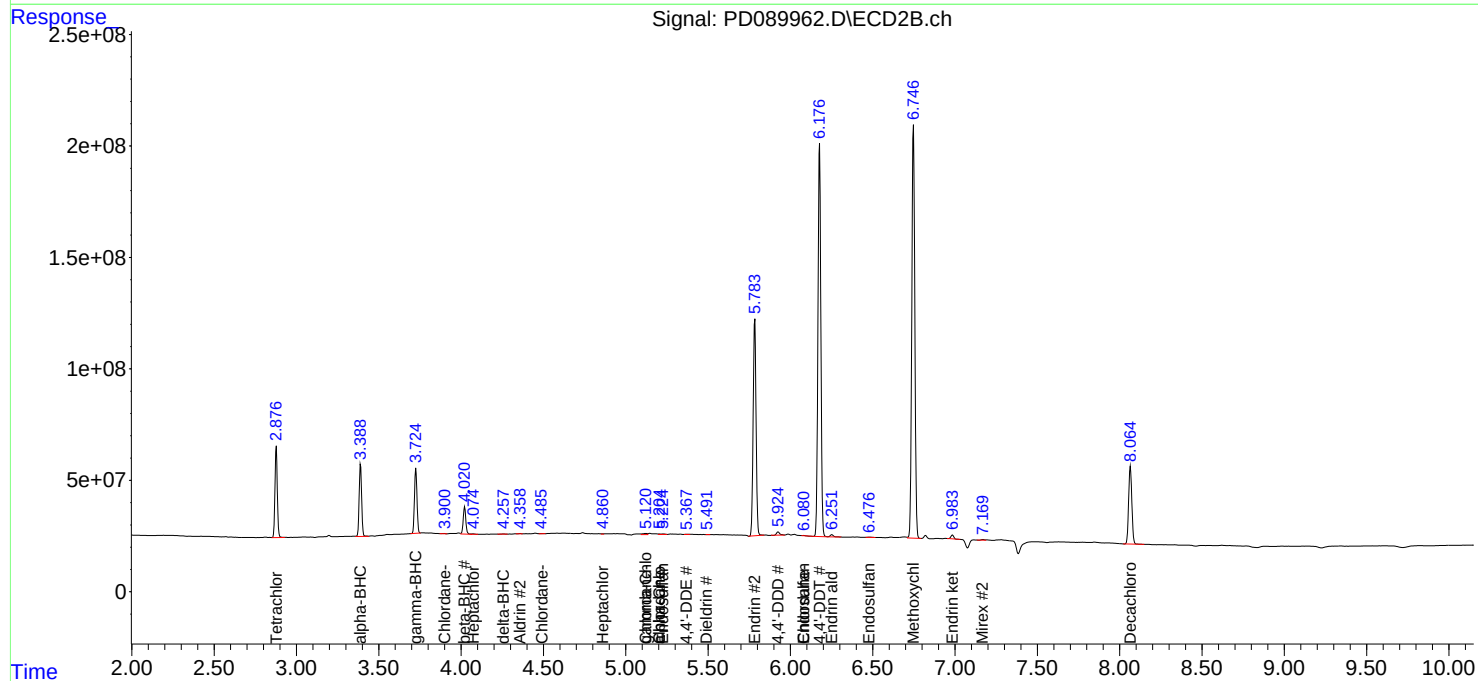
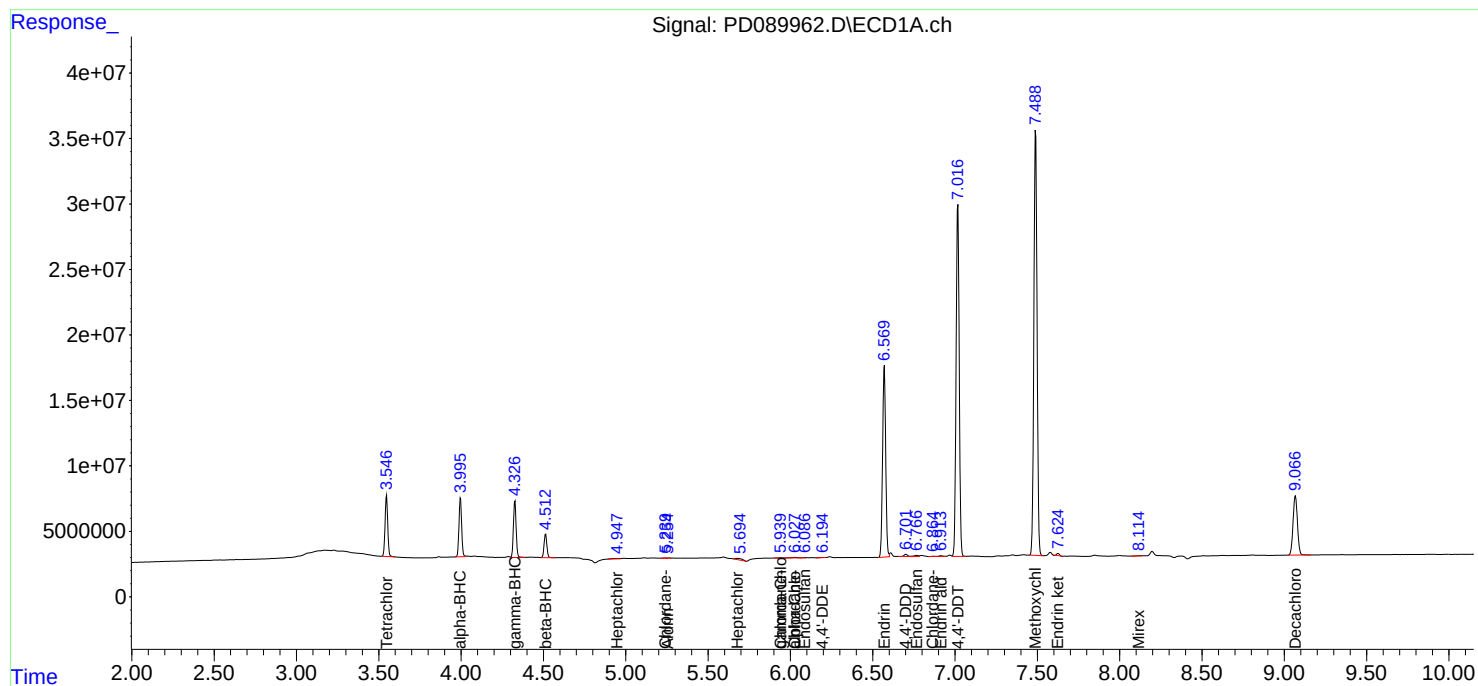
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

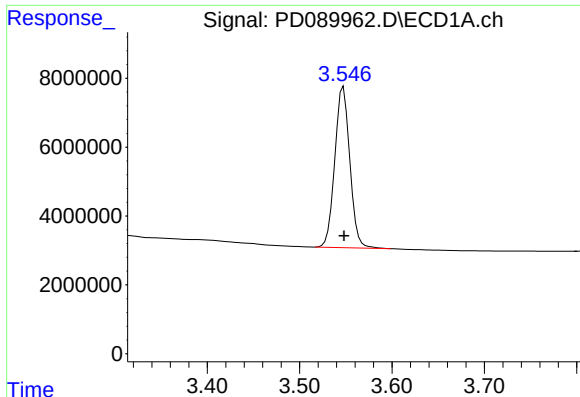
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081825\
Data File : PD089962.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 10:57
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:50:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:46:23 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

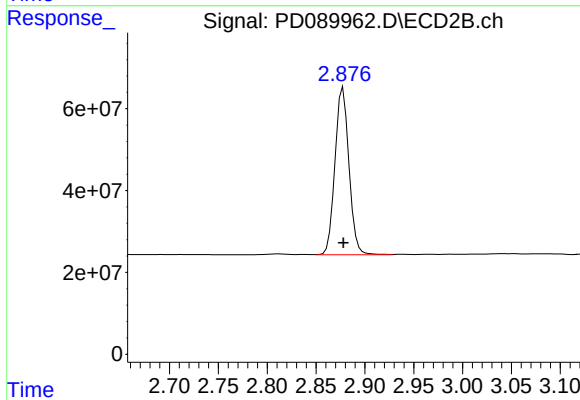




#1 Tetrachloro-m-xylene

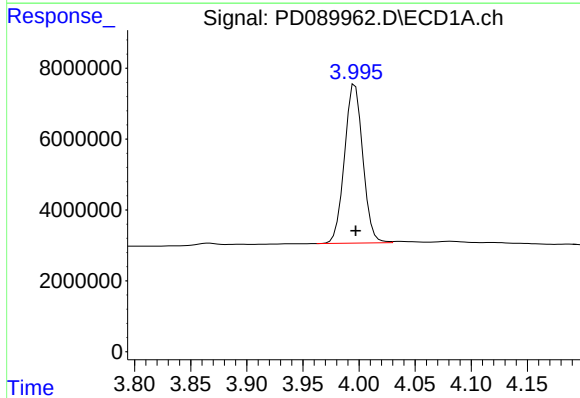
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 52822124
Conc: 18.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



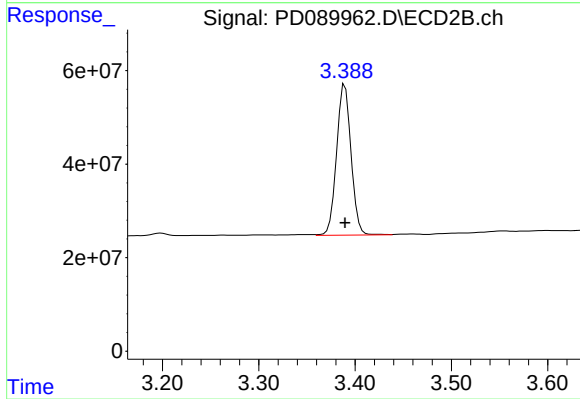
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 407544613
Conc: 18.48 ng/ml



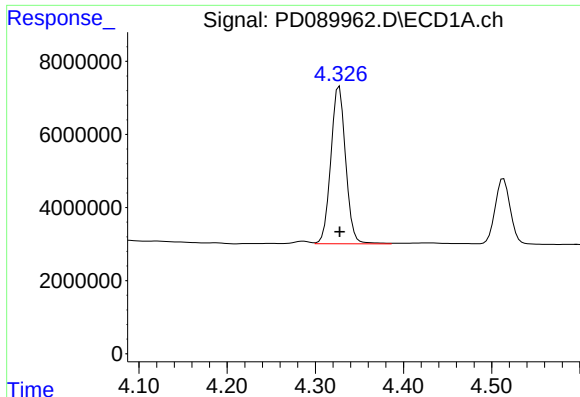
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 50768567
Conc: 8.46 ng/ml



#2 alpha-BHC

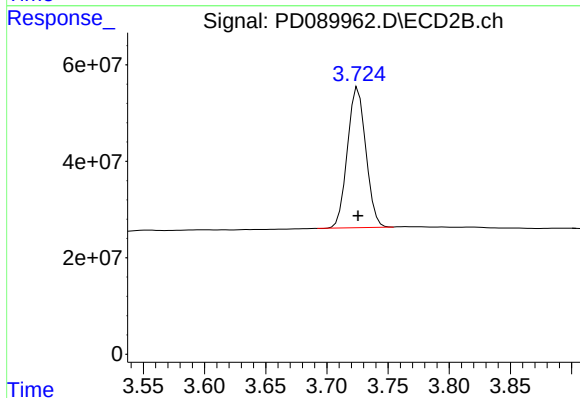
R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 337254212
Conc: 9.94 ng/ml



#3 gamma-BHC (Lindane)

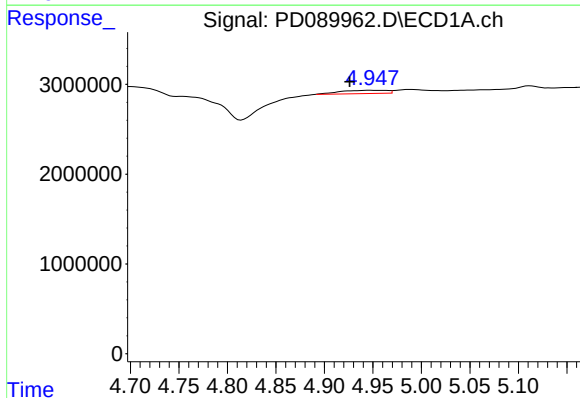
R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 50414597
Conc: 8.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



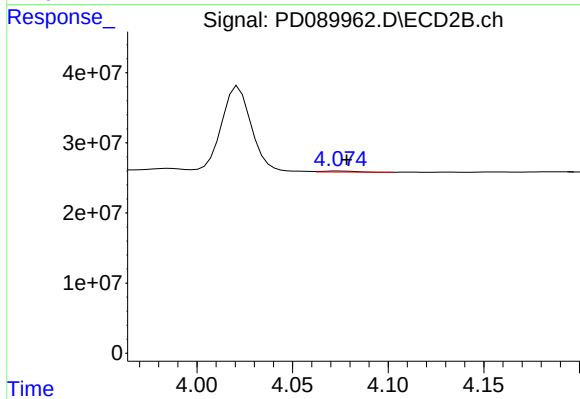
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 304756859
Conc: 9.78 ng/ml



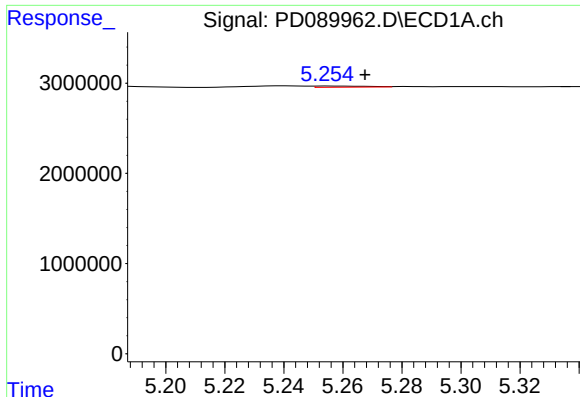
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.022 min
Response: 1218304
Conc: 0.22 ng/ml



#4 Heptachlor

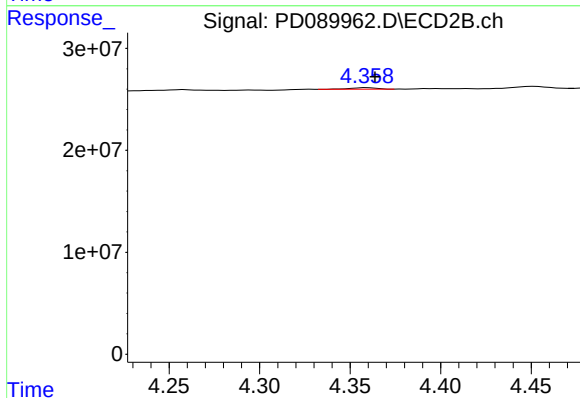
R.T.: 4.075 min
Delta R.T.: -0.004 min
Response: 1788717
Conc: 0.06 ng/ml



#5 Aldrin

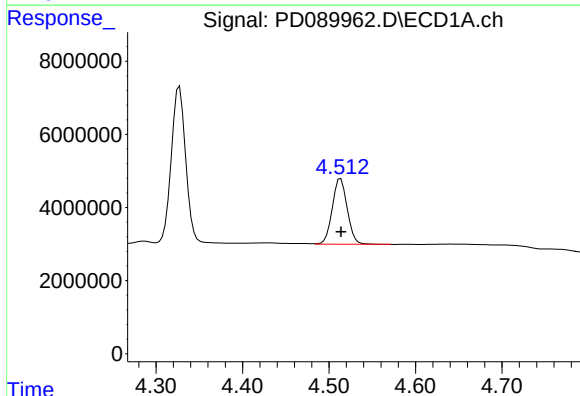
R.T.: 5.255 min
Delta R.T.: -0.012 min
Response: 146737
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



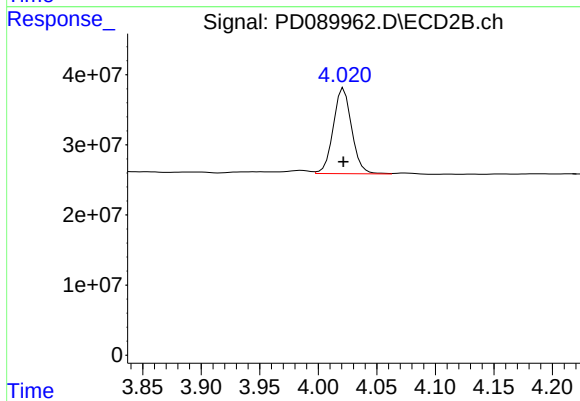
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.004 min
Response: 1384966
Conc: 0.05 ng/ml



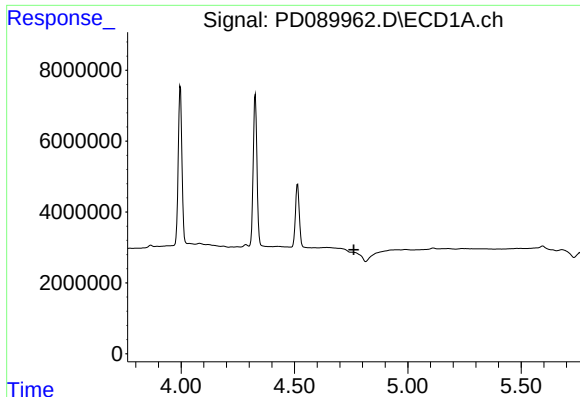
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 21427253
Conc: 9.55 ng/ml



#6 beta-BHC

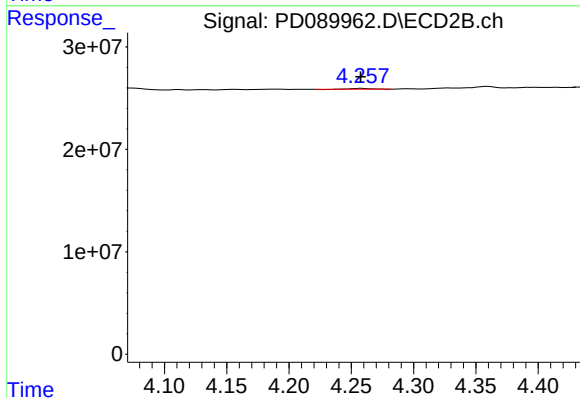
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 133964581
Conc: 10.05 ng/ml



#7 delta-BHC

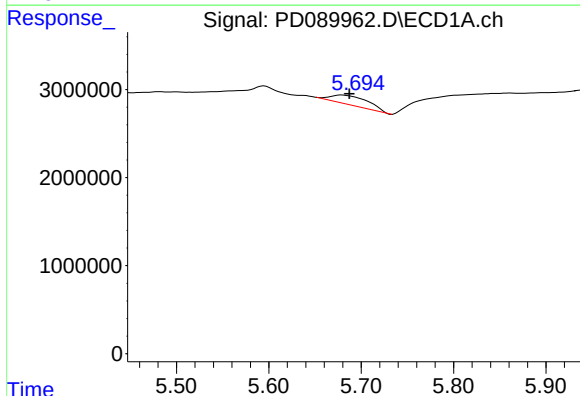
R.T.: 0.000 min
Exp R.T.: 4.762 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



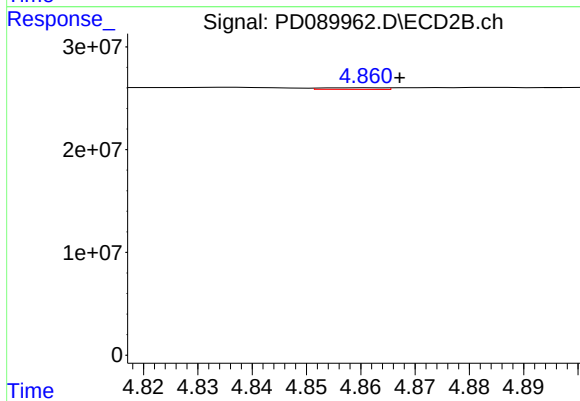
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 739394
Conc: 0.02 ng/ml



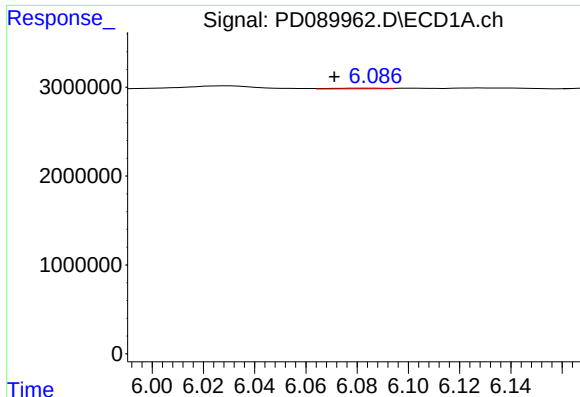
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.008 min
Response: 3012576
Conc: 0.61 ng/ml



#8 Heptachlor epoxide

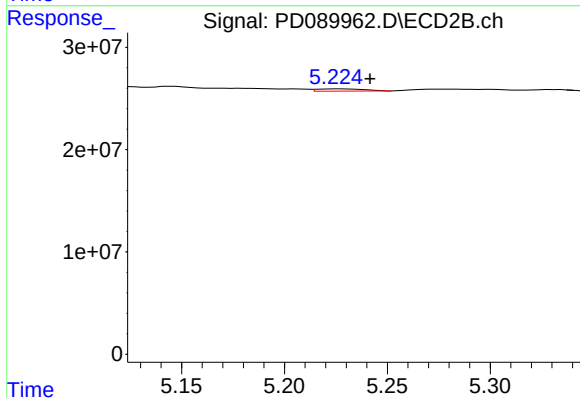
R.T.: 4.861 min
Delta R.T.: -0.006 min
Response: 1227666
Conc: 0.04 ng/ml



#9 Endosulfan I

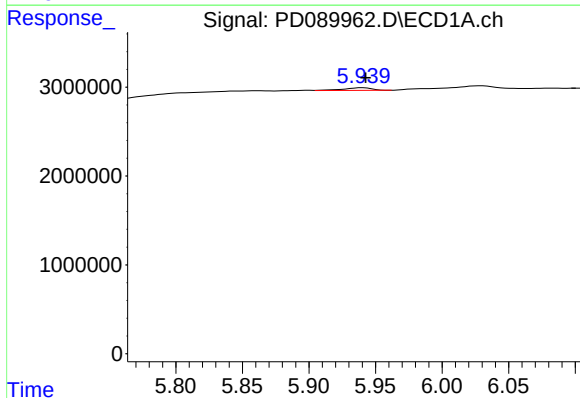
R.T.: 6.087 min
Delta R.T.: 0.016 min
Response: 110241
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



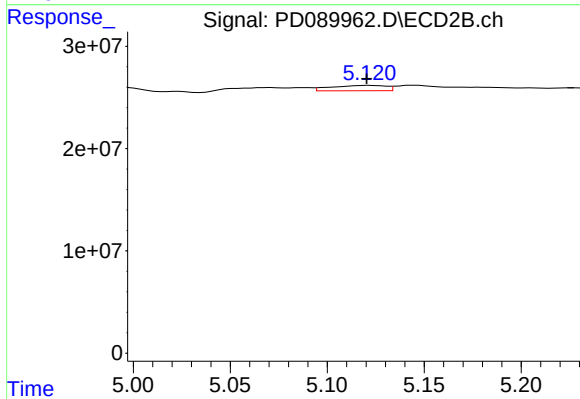
#9 Endosulfan I

R.T.: 5.226 min
Delta R.T.: -0.015 min
Response: 3407941
Conc: 0.13 ng/ml



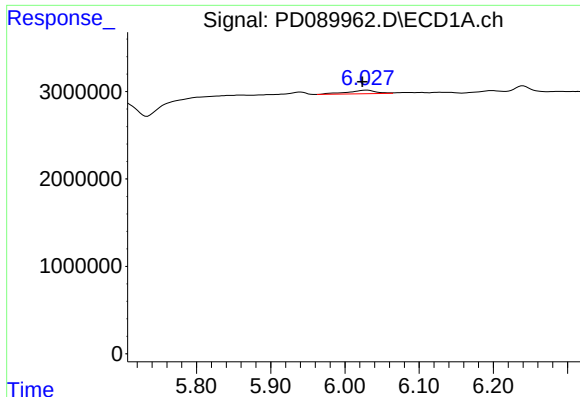
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 429508
Conc: 0.09 ng/ml



#10 gamma-Chlordane

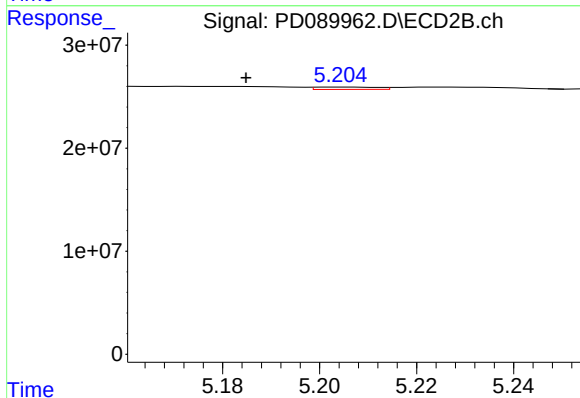
R.T.: 5.122 min
Delta R.T.: 0.002 min
Response: 10273830
Conc: 0.35 ng/ml



#11 alpha-Chlordane

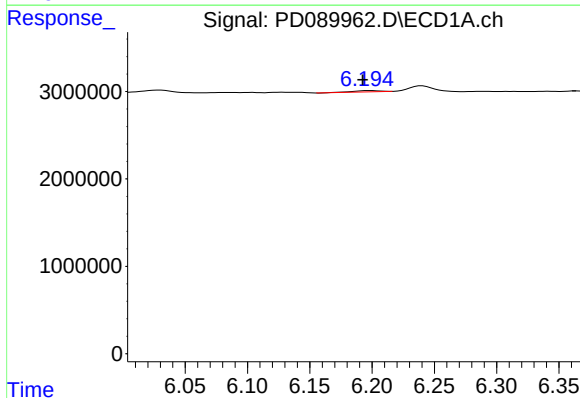
R.T.: 6.029 min
Delta R.T.: 0.005 min
Response: 1125586
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



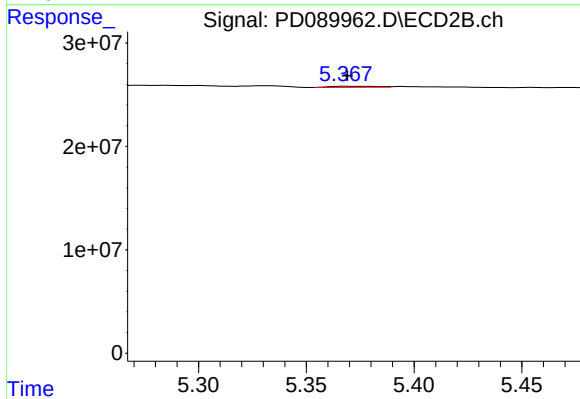
#11 alpha-Chlordane

R.T.: 5.205 min
Delta R.T.: 0.020 min
Response: 2021458
Conc: 0.07 ng/ml



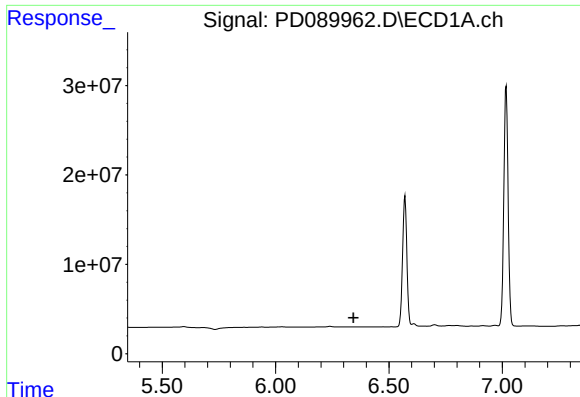
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.005 min
Response: 213071
Conc: 0.05 ng/ml



#12 4,4'-DDE

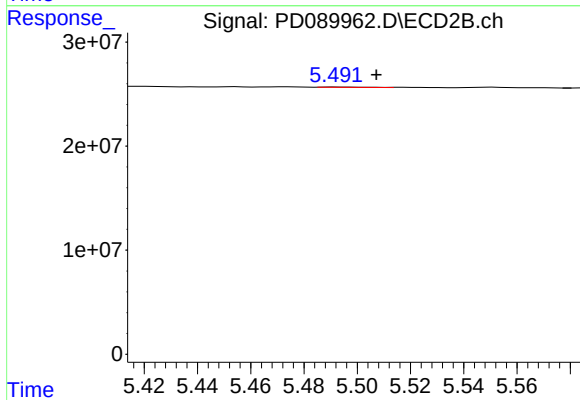
R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 1502258
Conc: 0.05 ng/ml



#13 Dieldrin

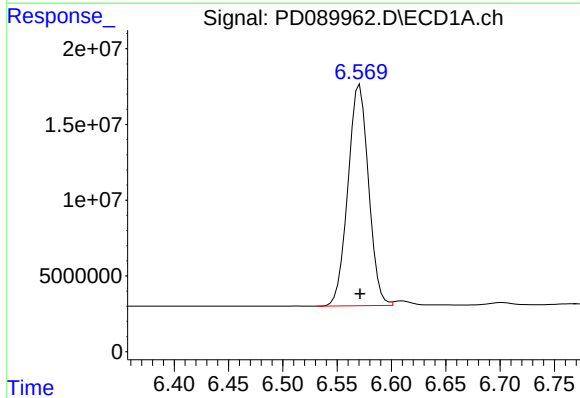
R.T.: 0.000 min
Exp R.T.: 6.344 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



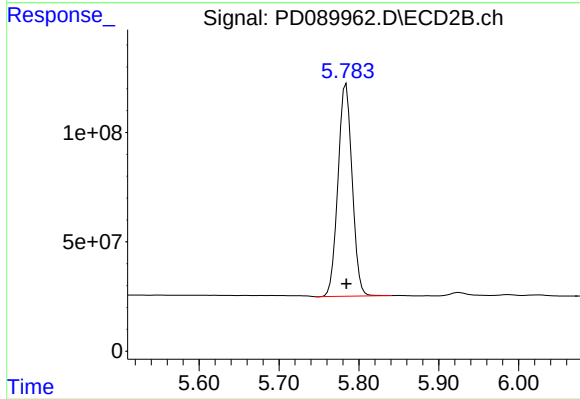
#13 Dieldrin

R.T.: 5.493 min
Delta R.T.: -0.014 min
Response: 348334
Conc: 0.01 ng/ml



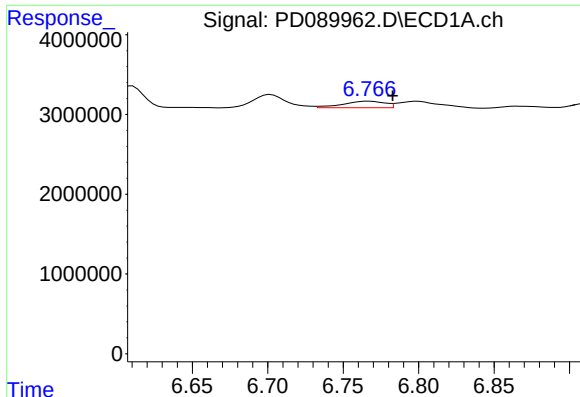
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 192443757
Conc: 46.44 ng/ml



#14 Endrin

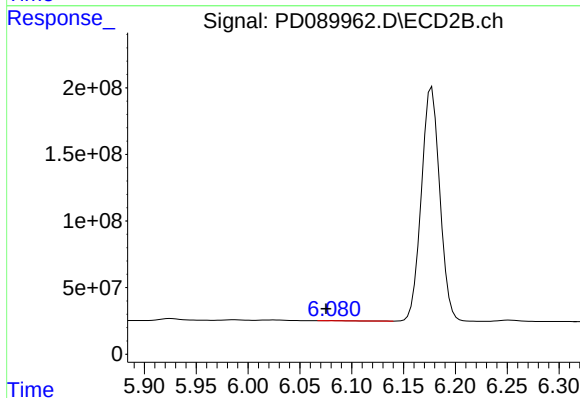
R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1195139303
Conc: 44.88 ng/ml



#15 Endosulfan II

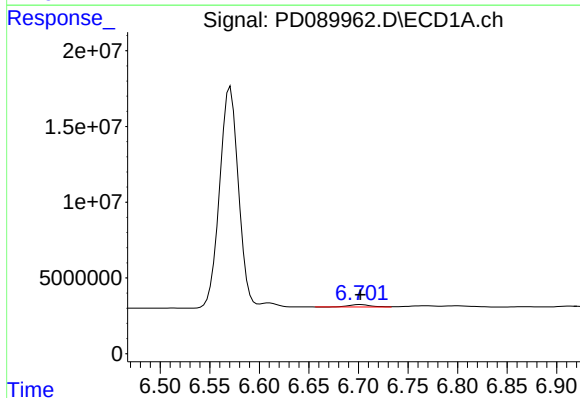
R.T.: 6.767 min
Delta R.T.: -0.016 min
Response: 1588285
Conc: 0.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



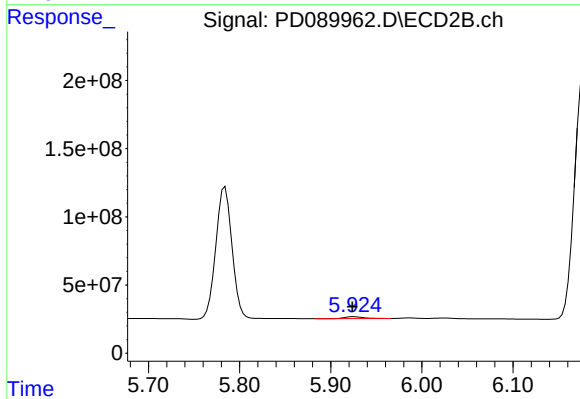
#15 Endosulfan II

R.T.: 6.081 min
Delta R.T.: 0.006 min
Response: 741782
Conc: 0.03 ng/ml



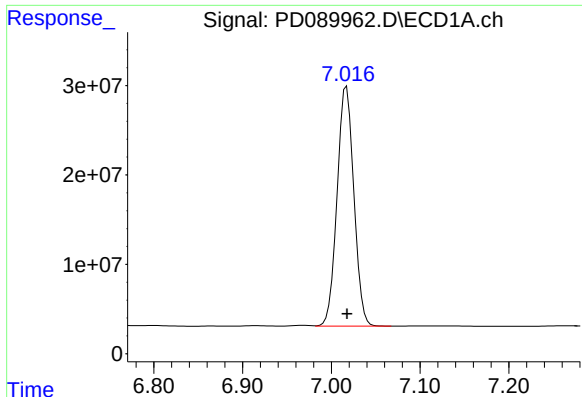
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 2470686
Conc: 0.71 ng/ml



#16 4,4'-DDD

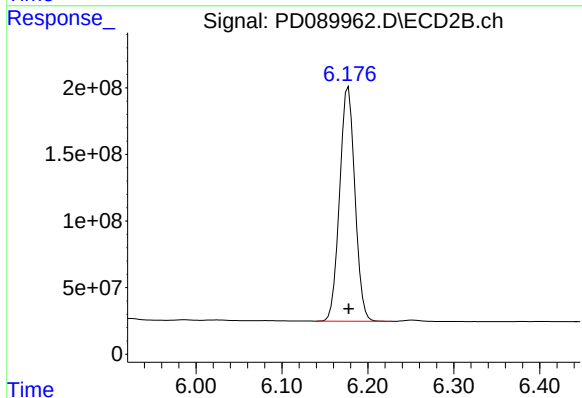
R.T.: 5.925 min
Delta R.T.: 0.001 min
Response: 19040432
Conc: 0.79 ng/ml



#17 4,4'-DDT

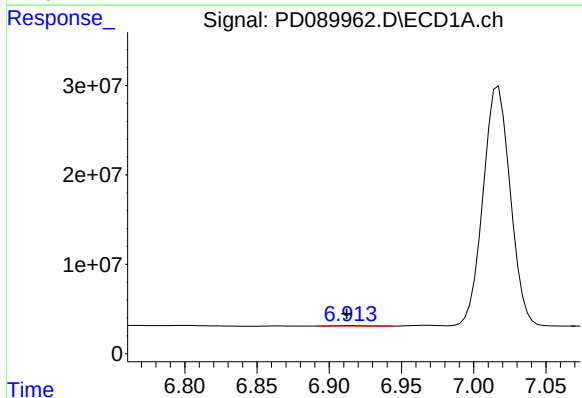
R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 351797216
Conc: 92.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



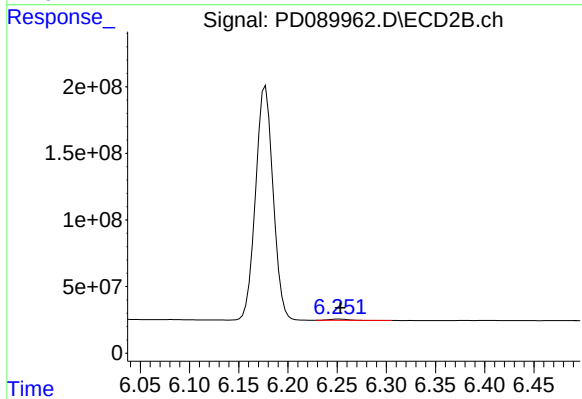
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 2174184155
Conc: 86.73 ng/ml



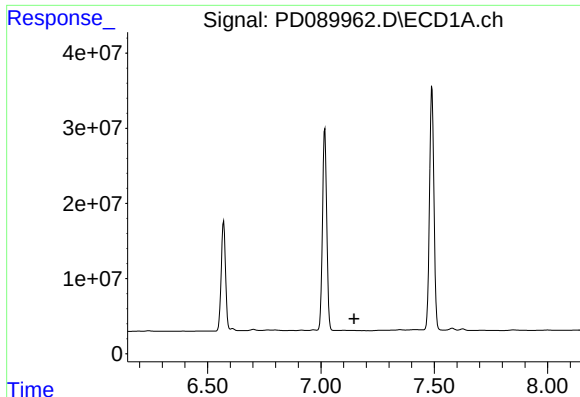
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.002 min
Response: 879623
Conc: 0.31 ng/ml



#18 Endrin aldehyde

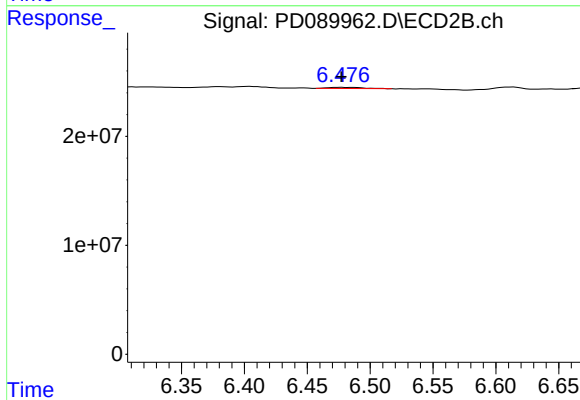
R.T.: 6.252 min
Delta R.T.: -0.001 min
Response: 12473710
Conc: 0.72 ng/ml



#19 Endosulfan Sulfate

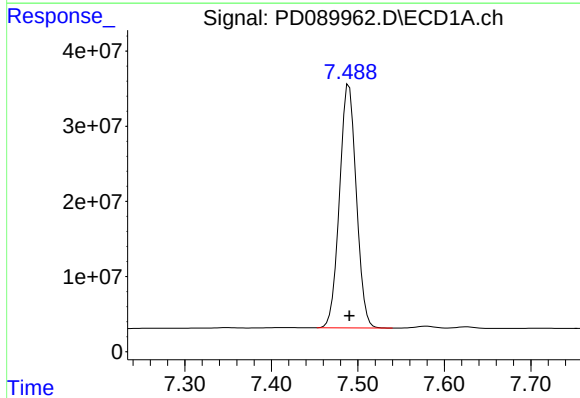
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



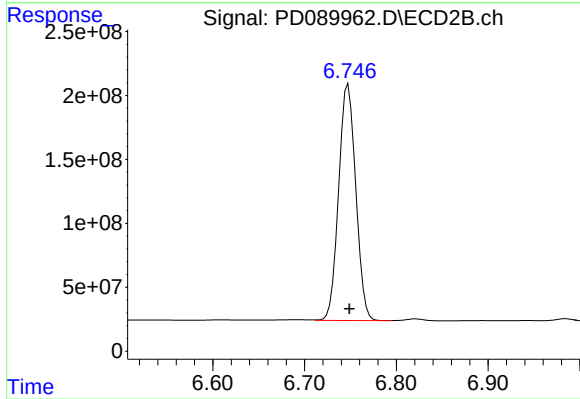
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 1896203
Conc: 0.08 ng/ml



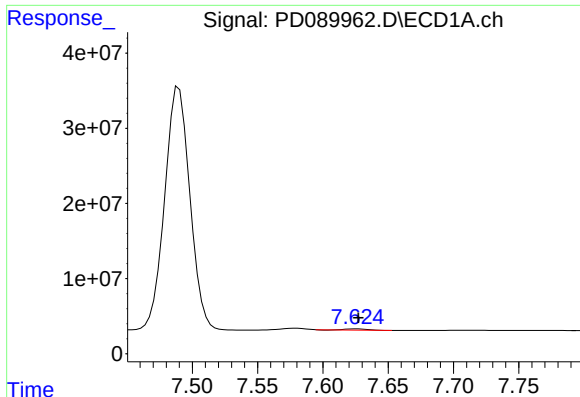
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 434773718
Conc: 216.78 ng/ml



#20 Methoxychlor

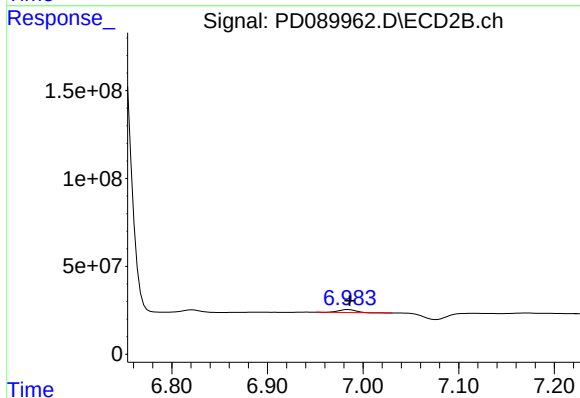
R.T.: 6.748 min
Delta R.T.: -0.001 min
Response: 2393691705
Conc: 185.62 ng/ml



#21 Endrin ketone

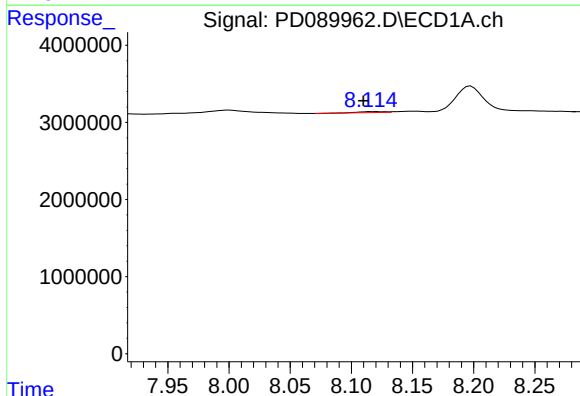
R.T.: 7.626 min
Delta R.T.: -0.001 min
Response: 1872381
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



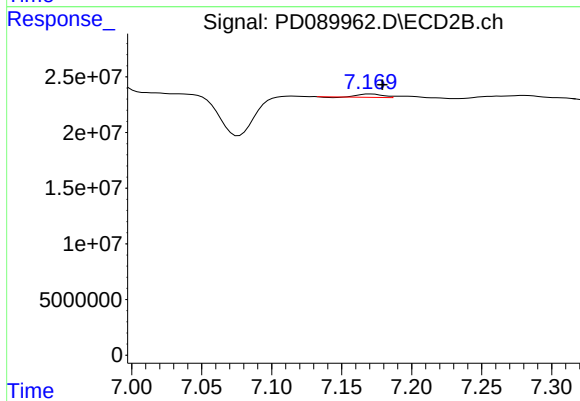
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: -0.002 min
Response: 21266333
Conc: 0.80 ng/ml



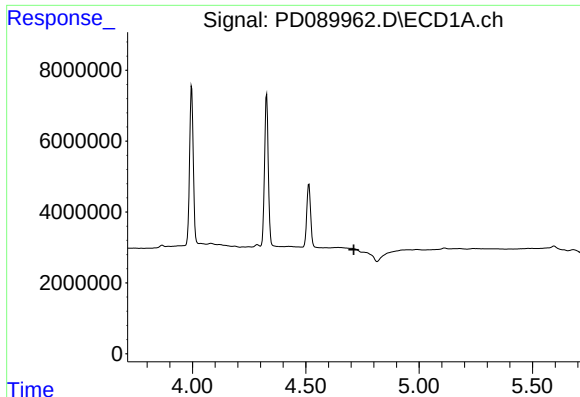
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.006 min
Response: 177865
Conc: 0.06 ng/ml



#22 Mirex

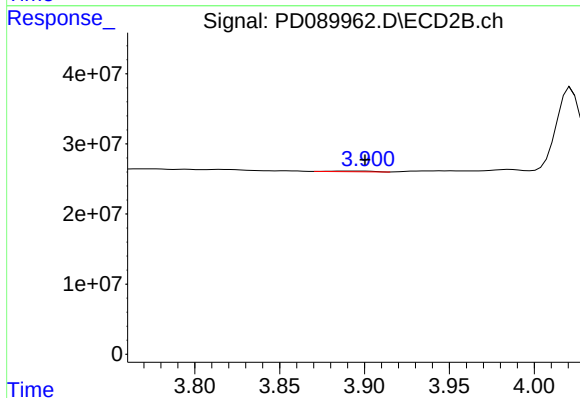
R.T.: 7.170 min
Delta R.T.: -0.009 min
Response: 3578333
Conc: 0.17 ng/ml



#23 Chlordane-1

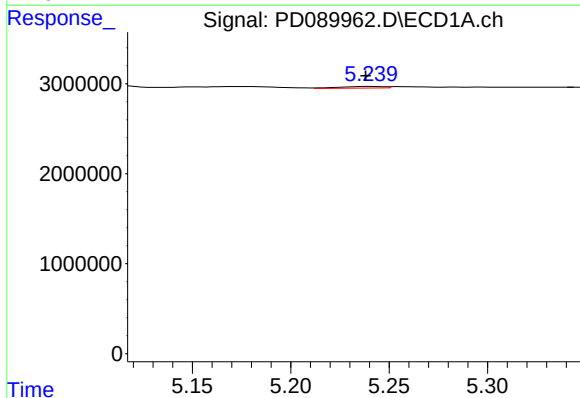
R.T.: 0.000 min
Exp R.T.: 4.711 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



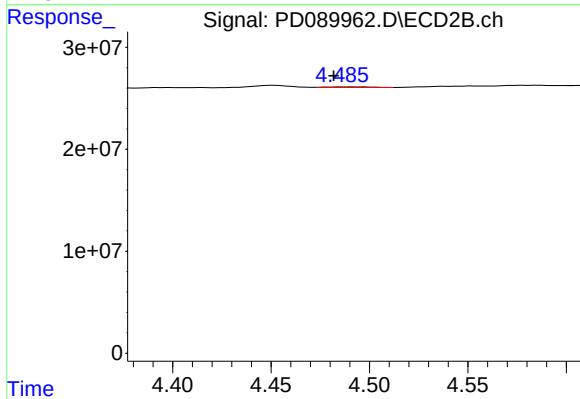
#23 Chlordane-1

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 1521576
Conc: 1.63 ng/ml



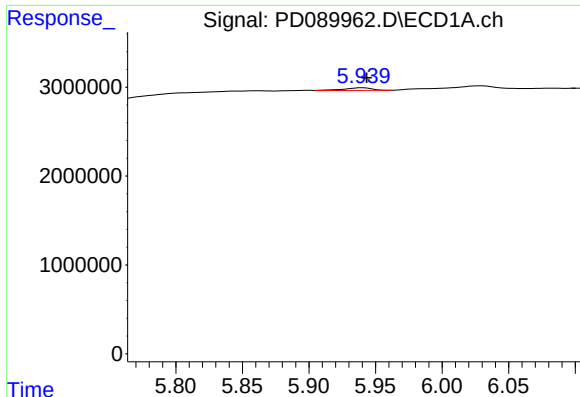
#24 Chlordane-2

R.T.: 5.241 min
Delta R.T.: 0.003 min
Response: 305053
Conc: 1.65 ng/ml



#24 Chlordane-2

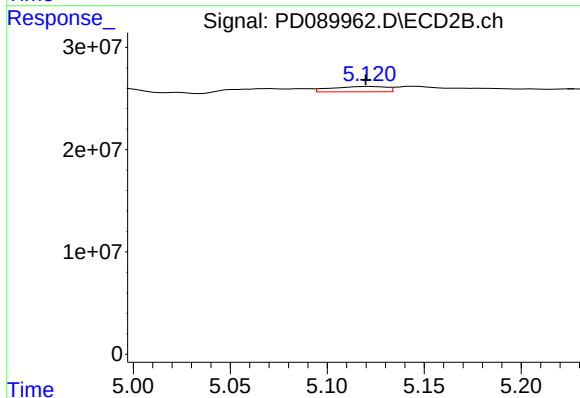
R.T.: 4.486 min
Delta R.T.: 0.005 min
Response: 967434
Conc: 0.99 ng/ml



#25 Chlordane-3

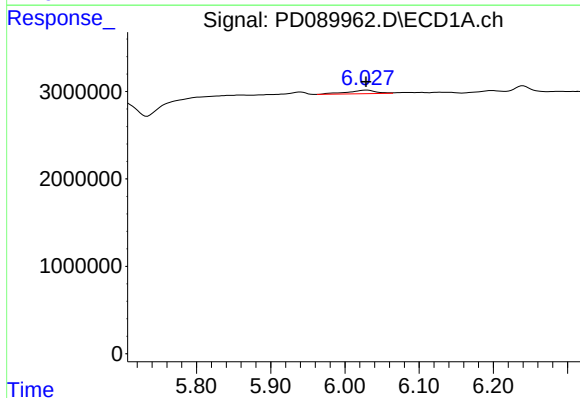
R.T.: 5.940 min
Delta R.T.: -0.003 min
Response: 429508
Conc: 0.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



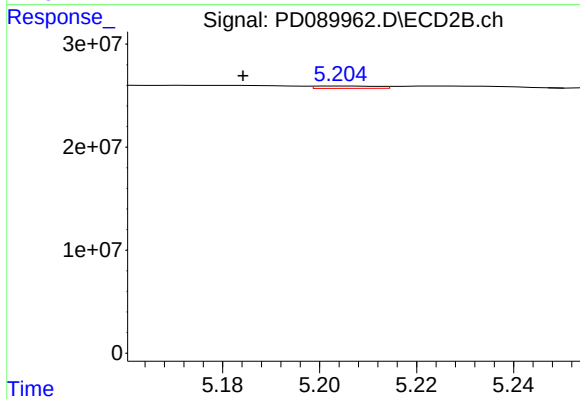
#25 Chlordane-3

R.T.: 5.122 min
Delta R.T.: 0.002 min
Response: 10273830
Conc: 3.56 ng/ml



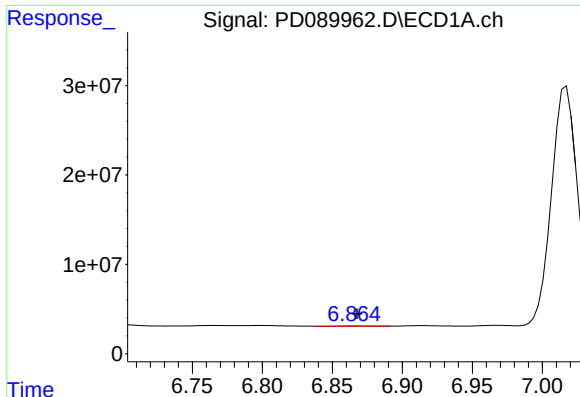
#26 Chlordane-4

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 1125586
Conc: 1.28 ng/ml



#26 Chlordane-4

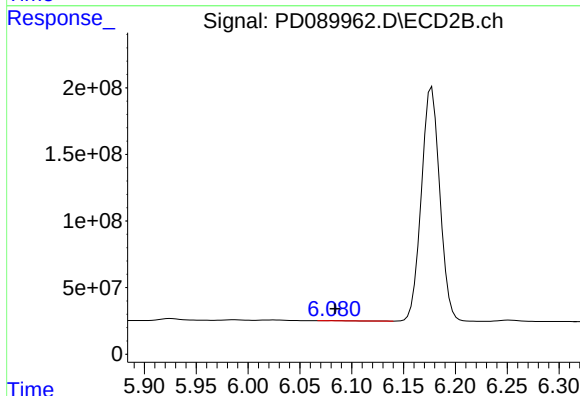
R.T.: 5.205 min
Delta R.T.: 0.021 min
Response: 2021458
Conc: 0.81 ng/ml



#27 Chlordane-5

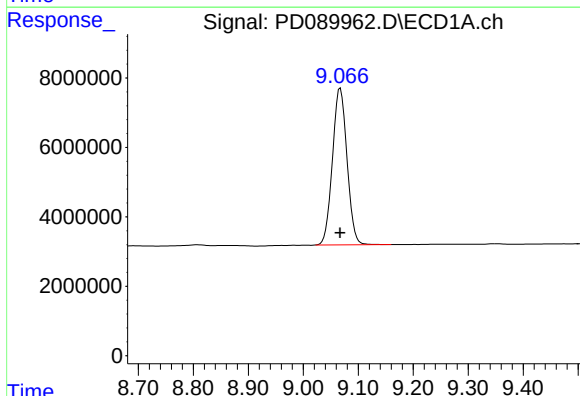
R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 265045
Conc: 1.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



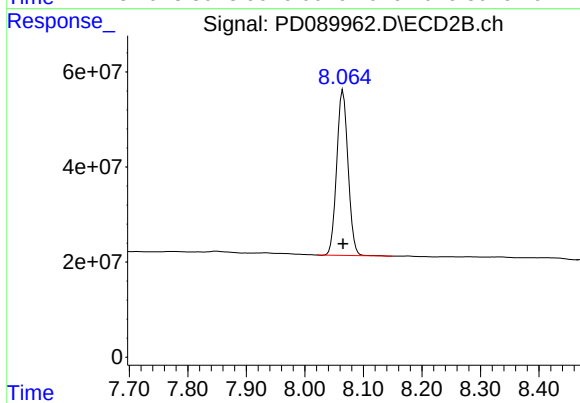
#27 Chlordane-5

R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 741782
Conc: 0.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 83019356
Conc: 19.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 468147648
Conc: 18.09 ng/ml