

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061625\
 Data File : PD088961.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2025 10:12
 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 16 11:48:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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...	3.548	2.879	51446473	315.1E6	23.777	20.831
28)	SA Decachlor...	9.071	8.071	73884508	389.4E6	21.589	21.331
Target Compounds							
2)	A alpha-BHC	3.997	3.391	48722352	260.1E6	10.200	10.883
3)	MA gamma-BHC...	4.328	3.728	49100990	242.4E6	10.668	10.937
4)	MA Heptachlor	4.927	4.079	355518	1330742	0.080	0.059 #
5)	MB Aldrin	5.253f	4.361	260439	5119429	0.059	0.233 #
6)	B beta-BHC	4.514	4.024	20855879	108.7E6	11.566	11.157
7)	B delta-BHC	4.757	4.259	945929	1233412	0.224	0.055 #
8)	B Heptachlo...	5.679	4.871	633189	178502	0.160	0.009 #
9)	A Endosulfan I	0.000	5.275f	0	3229212	N.D.	0.170 #
10)	B gamma-Chl...	5.940	5.125	344834	15315791	0.086	0.718 #
11)	B alpha-Chl...	6.030	5.189	1219874	11404922	0.304	0.553 #
12)	B 4,4'-DDE	6.195	5.375	619681	13012460	0.173	0.623 #
13)	MA Dieldrin	6.365f	5.523	936321	162671	0.233	0.008 #
14)	MA Endrin	6.573	5.787	180.5E6	903.6E6	52.854	46.857
15)	B Endosulfa...	6.809f	6.085	2158626	5385630	0.627	0.294 #
16)	A 4,4'-DDD	6.703	5.928	7263369	45855383	2.608	2.637
17)	MA 4,4'-DDT	7.019	6.182	326.8E6	1678.5E6	104.671	92.546
18)	B Endrin al...	6.914	6.256	2014271	15419196	0.782	1.107 #
19)	B Endosulfa...	0.000	6.461f	0	1703883	N.D.	0.096 #
20)	A Methoxychlor	7.491	6.752	394.6E6	1718.3E6	236.211	179.458
21)	B Endrin ke...	7.628	6.989	4882195	42295464	1.426	2.186 #
22)	Mirex	8.113	7.200	132359	1133549	0.051	0.075 #
23)	Chlordane-1	0.000	3.889	0	1687307	N.D.	2.042 #
24)	Chlordane-2	5.253	4.485	260439	10083609	1.419	11.947 #
25)	Chlordane-3	5.940	5.125	344834	15315791	0.466	5.808 #
26)	Chlordane-4	6.030	5.189	1219874	11404922	1.361	5.155 #
27)	Chlordane-5	6.868	6.085	193462	5385630	1.272	5.381 #

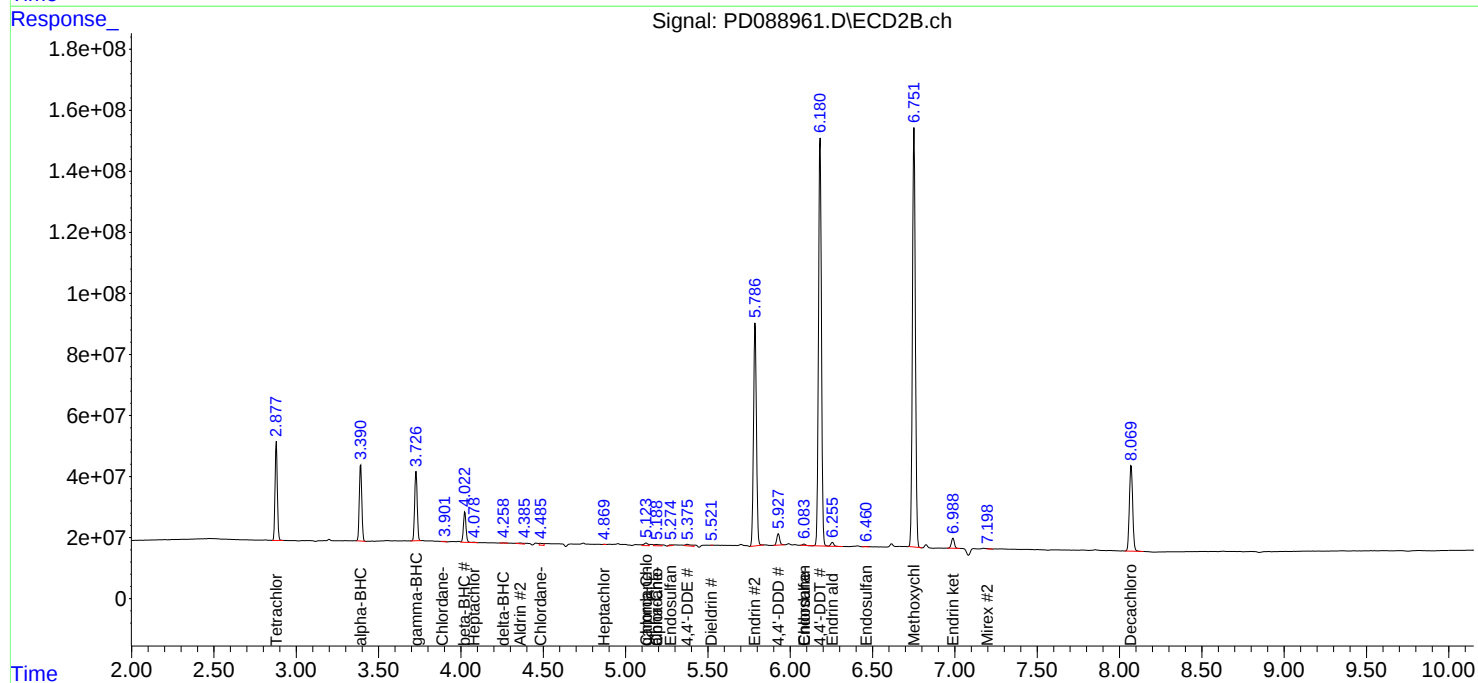
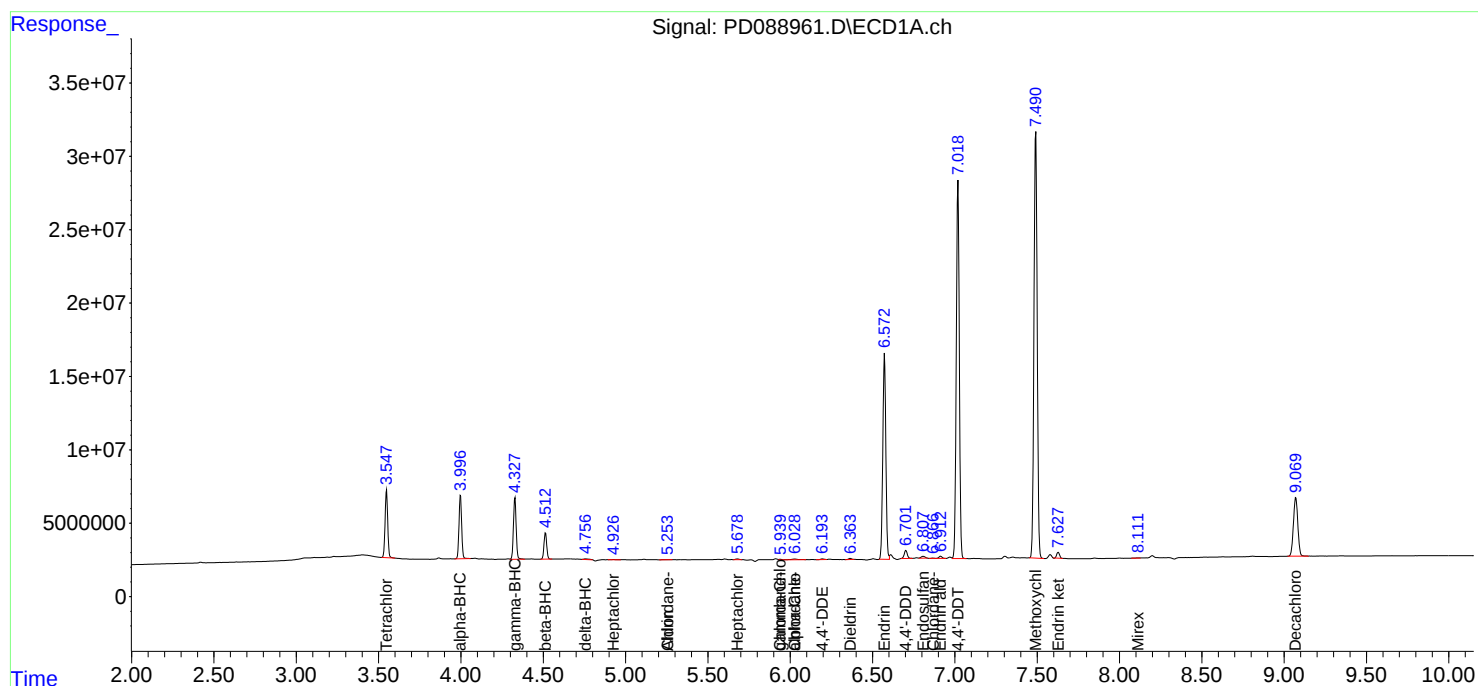
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

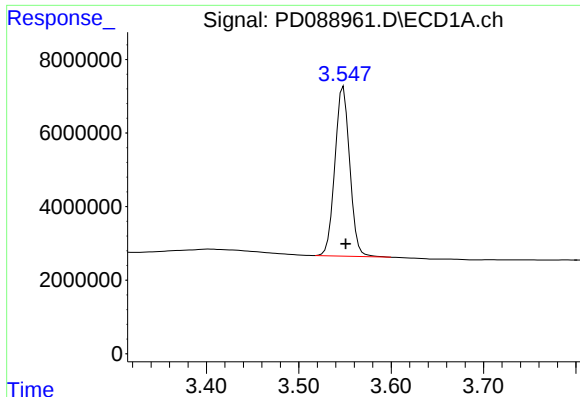
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061625\
Data File : PD088961.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jun 2025 10:12
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 16 11:48:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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

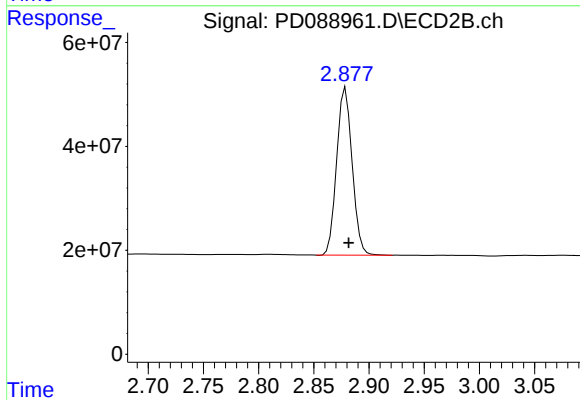




#1 Tetrachloro-m-xylene

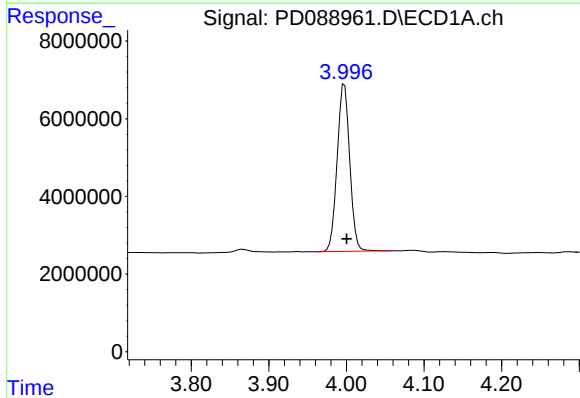
R.T.: 3.548 min
Delta R.T.: -0.003 min
Response: 51446473
Conc: 23.78 ng/ml

Instrument :
ECD_D
ClientSampleId :



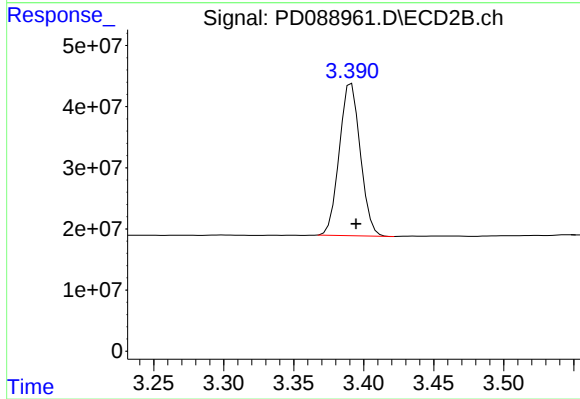
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.003 min
Response: 315106146
Conc: 20.83 ng/ml



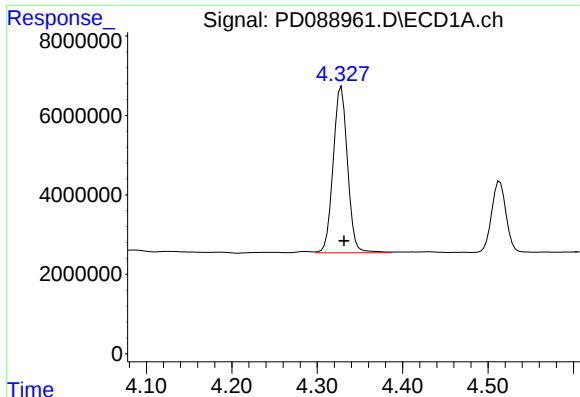
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.003 min
Response: 48722352
Conc: 10.20 ng/ml



#2 alpha-BHC

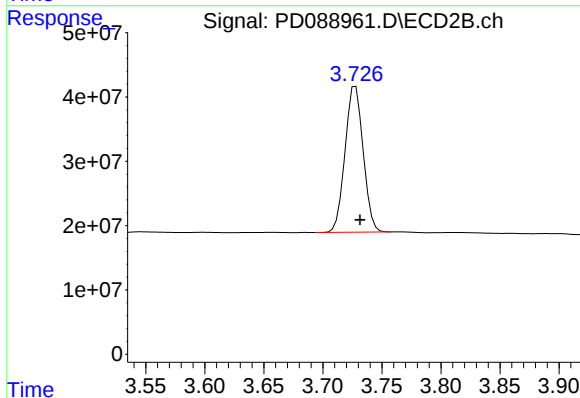
R.T.: 3.391 min
Delta R.T.: -0.003 min
Response: 260149947
Conc: 10.88 ng/ml



#3 gamma-BHC (Lindane)

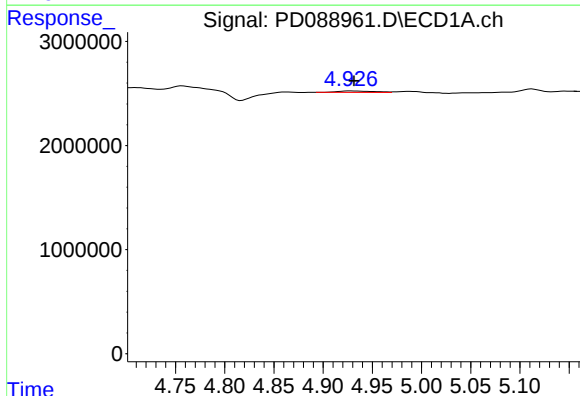
R.T.: 4.328 min
Delta R.T.: -0.003 min
Response: 49100990
Conc: 10.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



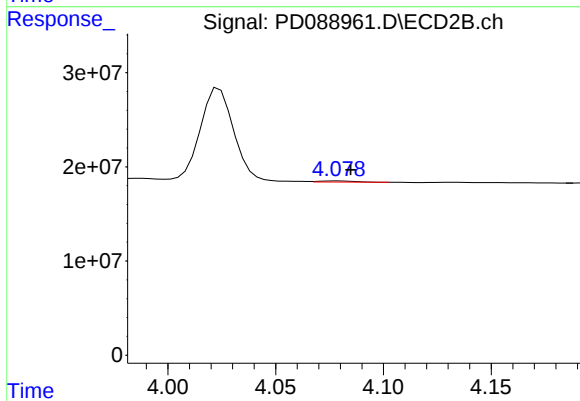
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.004 min
Response: 242433857
Conc: 10.94 ng/ml



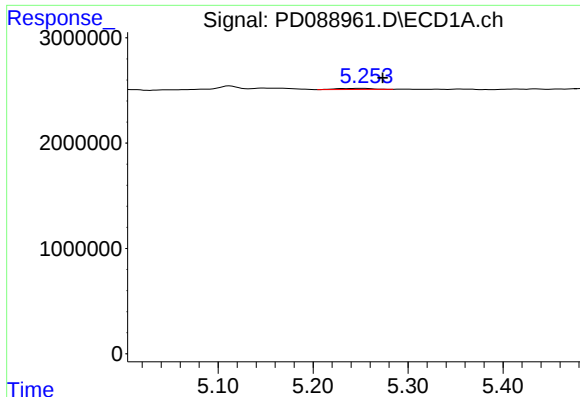
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: -0.004 min
Response: 355518
Conc: 0.08 ng/ml



#4 Heptachlor

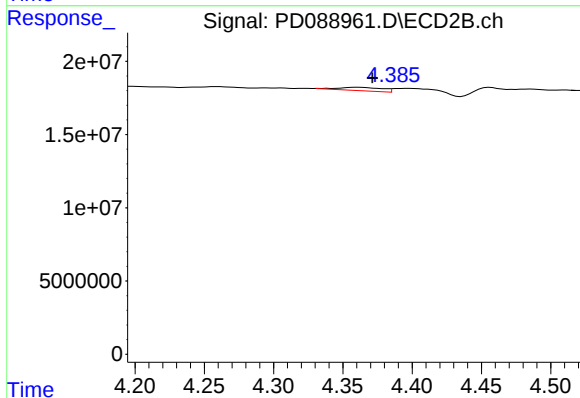
R.T.: 4.079 min
Delta R.T.: -0.006 min
Response: 1330742
Conc: 0.06 ng/ml



#5 Aldrin

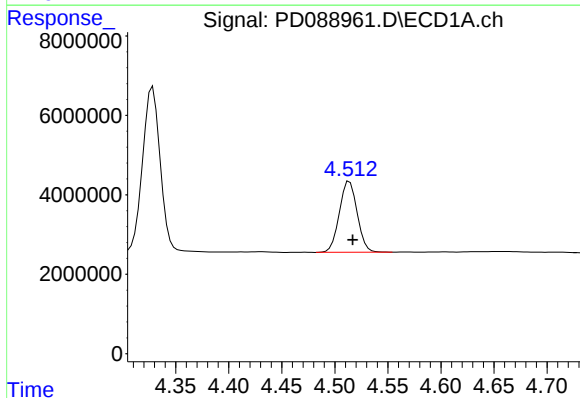
R.T.: 5.253 min
Delta R.T.: -0.020 min
Response: 260439
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



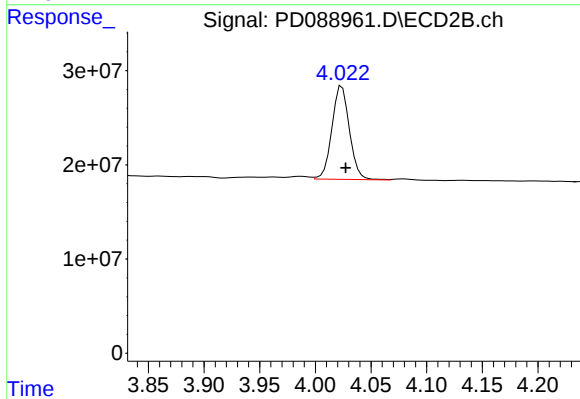
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.010 min
Response: 5119429
Conc: 0.23 ng/ml



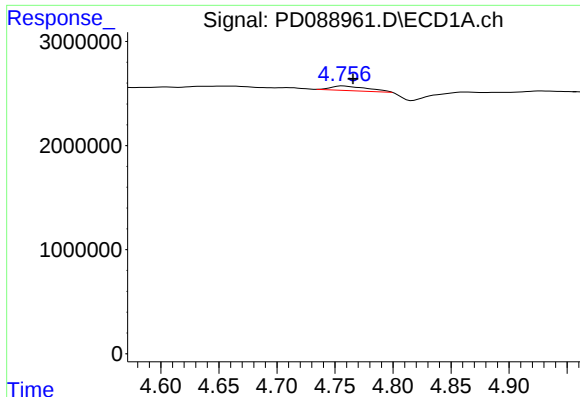
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 20855879
Conc: 11.57 ng/ml



#6 beta-BHC

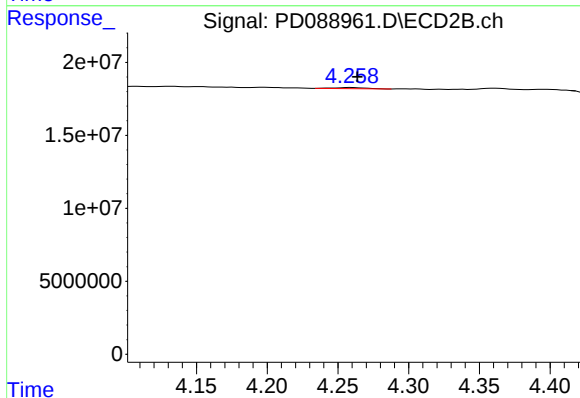
R.T.: 4.024 min
Delta R.T.: -0.004 min
Response: 108690160
Conc: 11.16 ng/ml



#7 delta-BHC

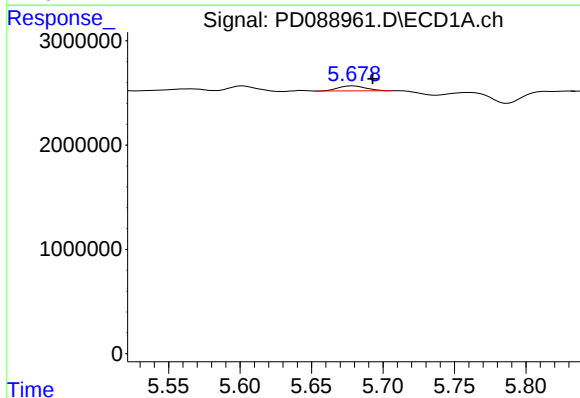
R.T.: 4.757 min
Delta R.T.: -0.008 min
Response: 945929
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



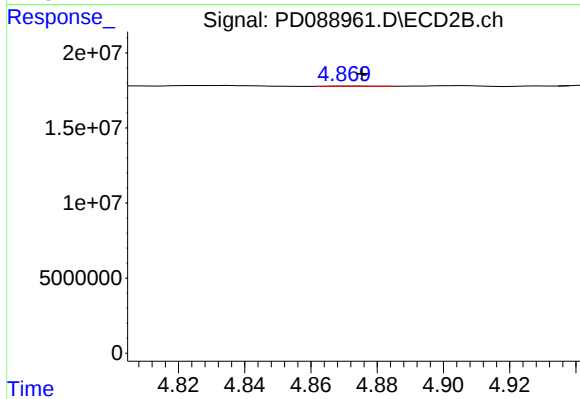
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: -0.005 min
Response: 1233412
Conc: 0.06 ng/ml



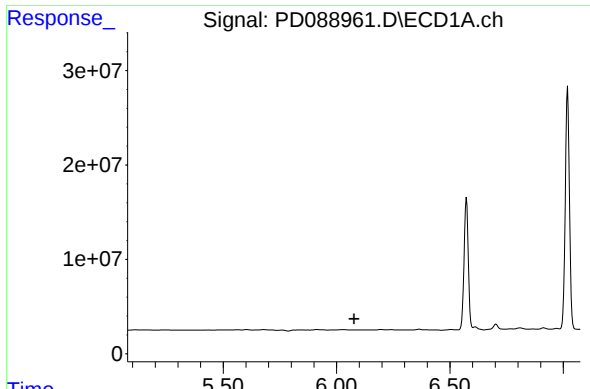
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.013 min
Response: 633189
Conc: 0.16 ng/ml



#8 Heptachlor epoxide

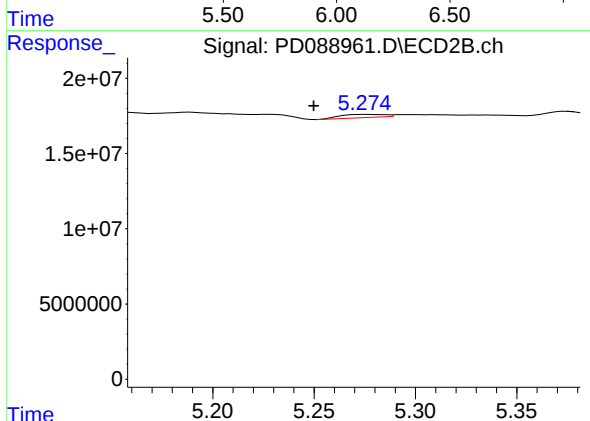
R.T.: 4.871 min
Delta R.T.: -0.004 min
Response: 178502
Conc: 0.01 ng/ml



#9 Endosulfan I

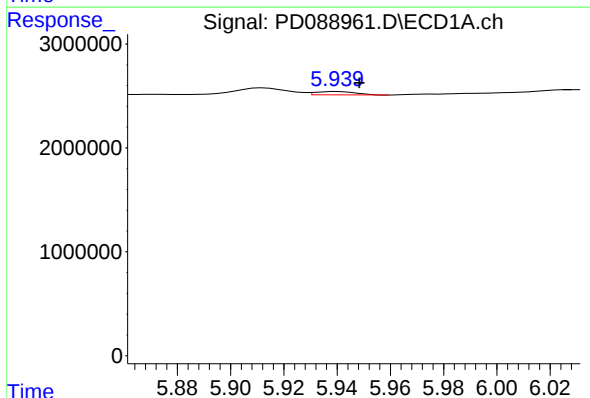
R.T.: 0.000 min
Exp R.T.: 6.077 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



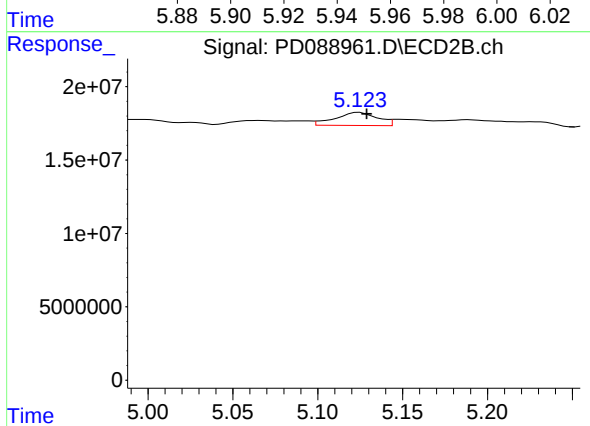
#9 Endosulfan I

R.T.: 5.275 min
Delta R.T.: 0.025 min
Response: 3229212
Conc: 0.17 ng/ml



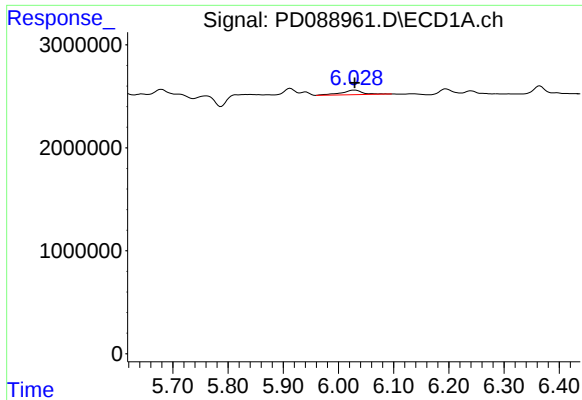
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.008 min
Response: 344834
Conc: 0.09 ng/ml



#10 gamma-Chlordane

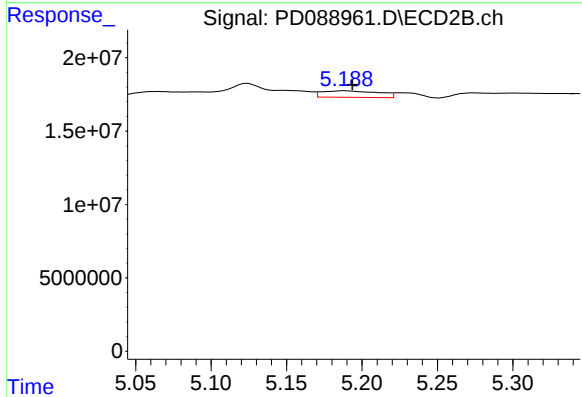
R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 15315791
Conc: 0.72 ng/ml



#11 alpha-Chlordane

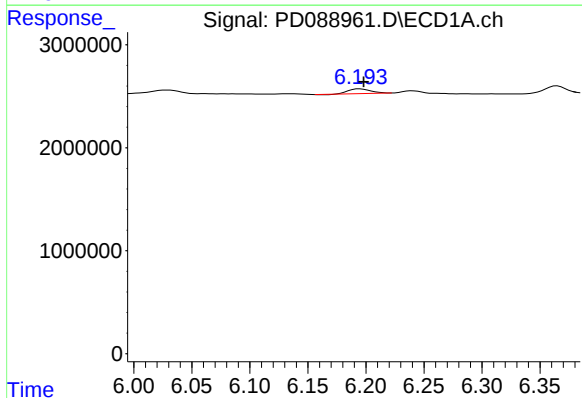
R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 1219874
Conc: 0.30 ng/ml

Instrument :
ECD_D
ClientSampleId :



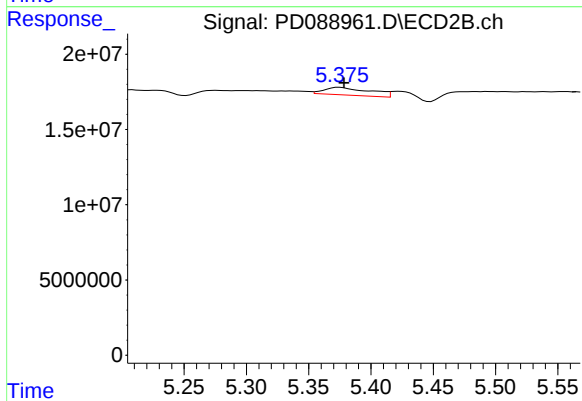
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.005 min
Response: 11404922
Conc: 0.55 ng/ml



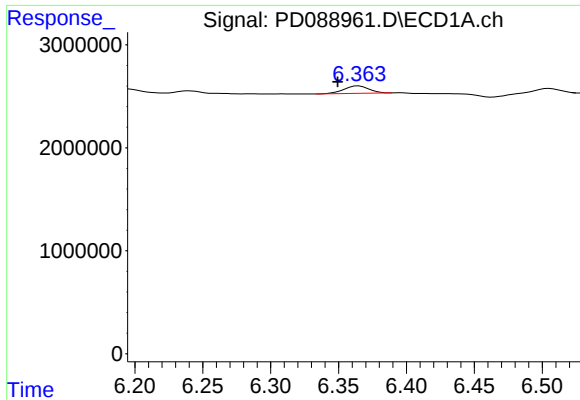
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 619681
Conc: 0.17 ng/ml



#12 4,4'-DDE

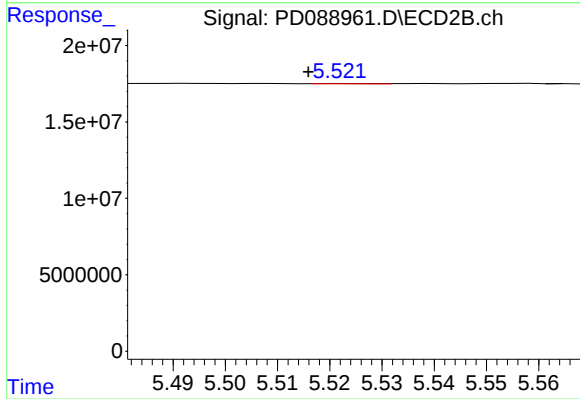
R.T.: 5.375 min
Delta R.T.: -0.003 min
Response: 13012460
Conc: 0.62 ng/ml



#13 Dieldrin

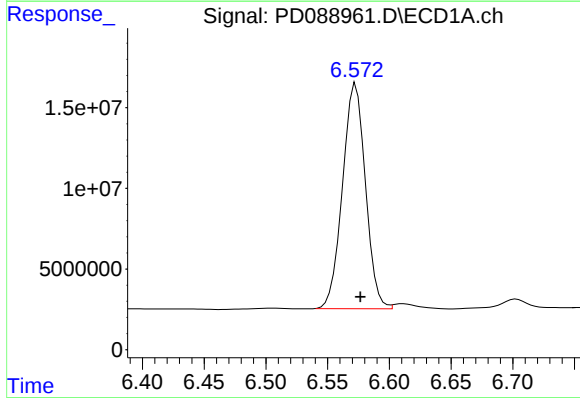
R.T.: 6.365 min
Delta R.T.: 0.015 min
Response: 936321
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



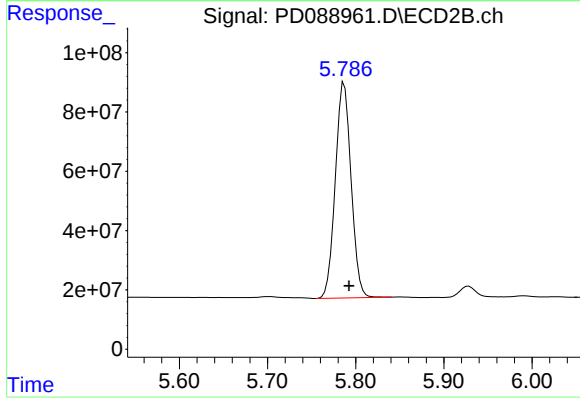
#13 Dieldrin

R.T.: 5.523 min
Delta R.T.: 0.007 min
Response: 162671
Conc: 0.01 ng/ml



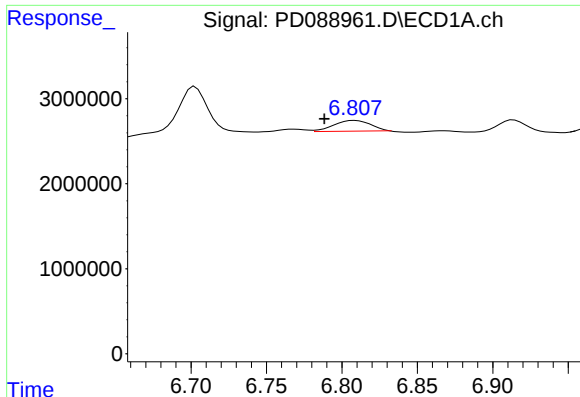
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.004 min
Response: 180504226
Conc: 52.85 ng/ml



#14 Endrin

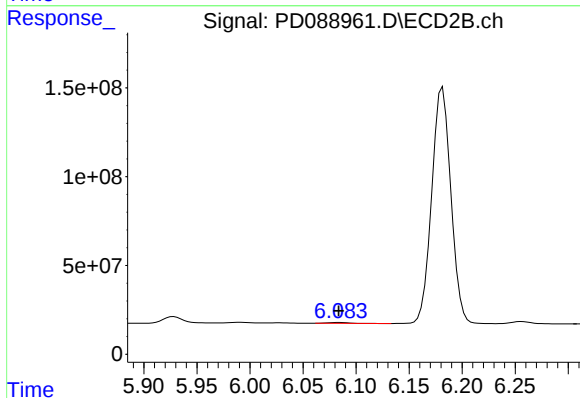
R.T.: 5.787 min
Delta R.T.: -0.005 min
Response: 903582968
Conc: 46.86 ng/ml



#15 Endosulfan II

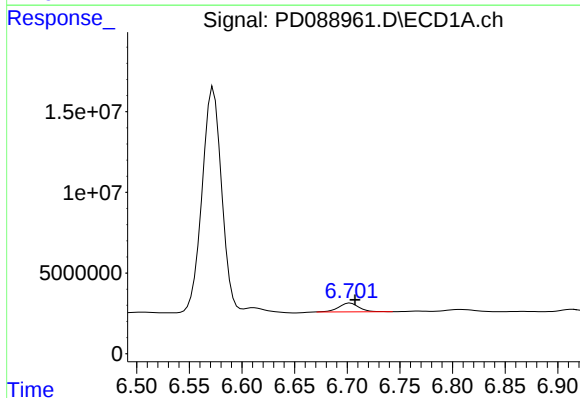
R.T.: 6.809 min
Delta R.T.: 0.020 min
Response: 2158626
Conc: 0.63 ng/ml

Instrument :
ECD_D
ClientSampleId :



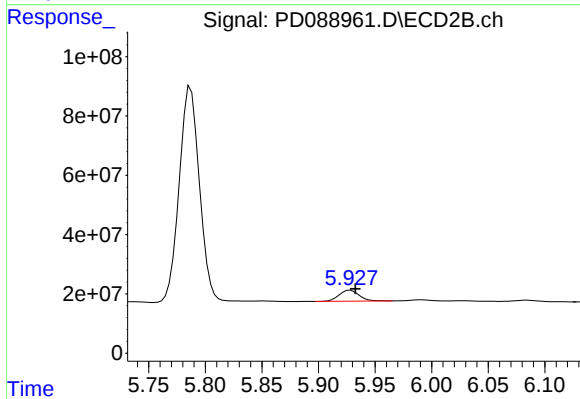
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 5385630
Conc: 0.29 ng/ml



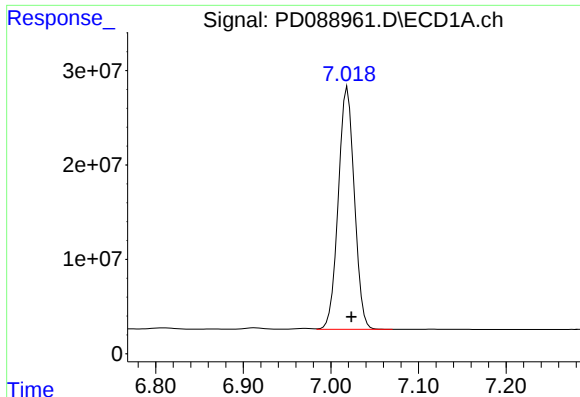
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: -0.005 min
Response: 7263369
Conc: 2.61 ng/ml



#16 4,4'-DDD

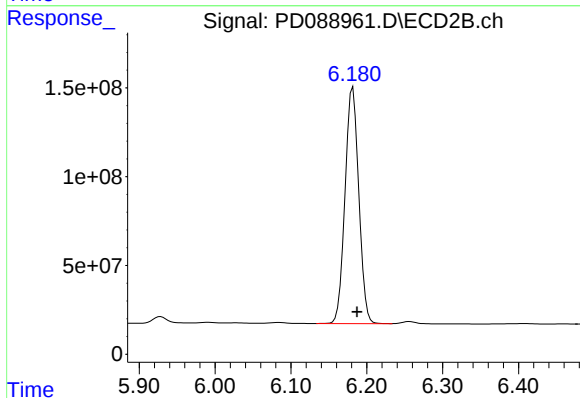
R.T.: 5.928 min
Delta R.T.: -0.005 min
Response: 45855383
Conc: 2.64 ng/ml



#17 4,4'-DDT

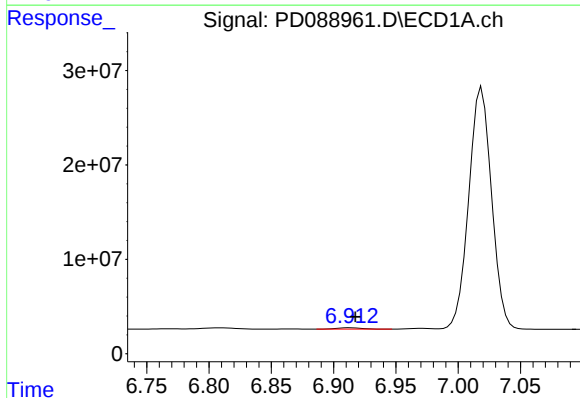
R.T.: 7.019 min
Delta R.T.: -0.004 min
Response: 326786222
Conc: 104.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



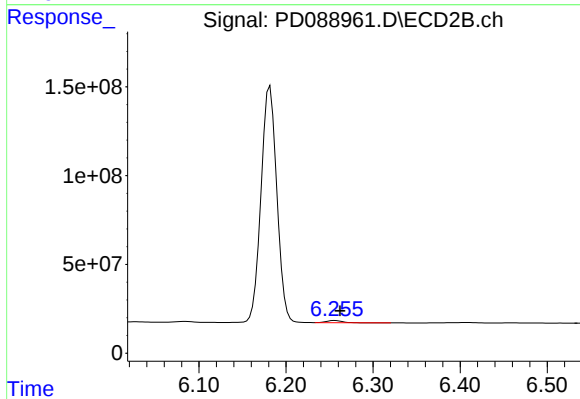
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.005 min
Response: 1678543418
Conc: 92.55 ng/ml



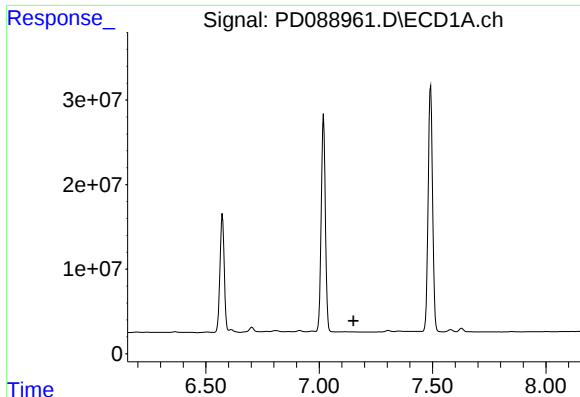
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: -0.004 min
Response: 2014271
Conc: 0.78 ng/ml



#18 Endrin aldehyde

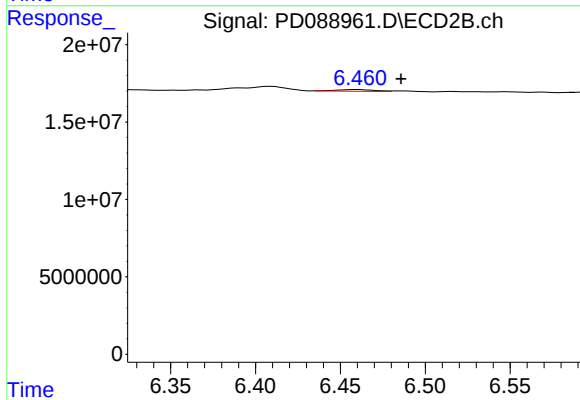
R.T.: 6.256 min
Delta R.T.: -0.006 min
Response: 15419196
Conc: 1.11 ng/ml



#19 Endosulfan Sulfate

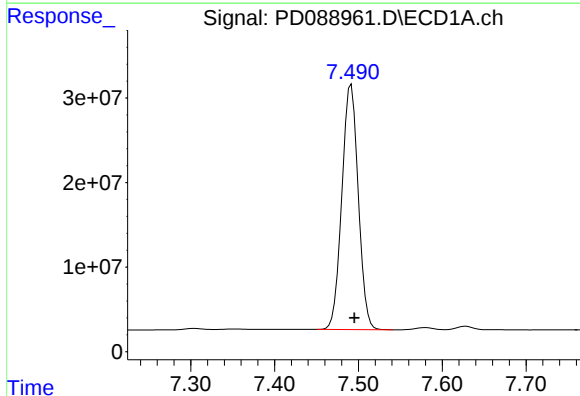
R.T.: 0.000 min
Exp R.T.: 7.152 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



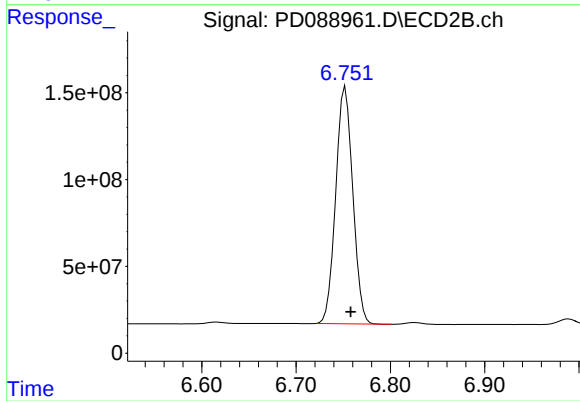
#19 Endosulfan Sulfate

R.T.: 6.461 min
Delta R.T.: -0.025 min
Response: 1703883
Conc: 0.10 ng/ml



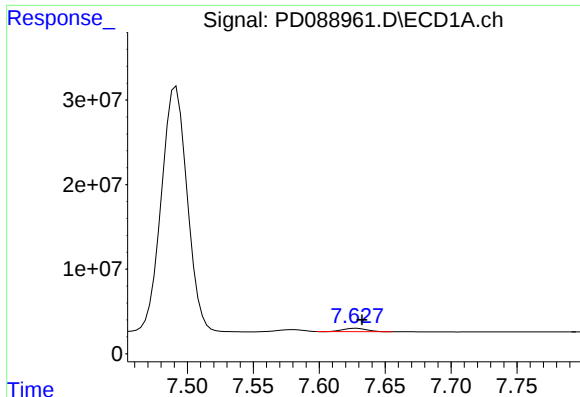
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: -0.004 min
Response: 394603287
Conc: 236.21 ng/ml



#20 Methoxychlor

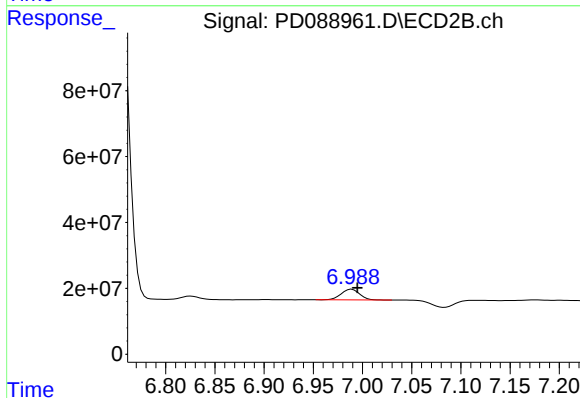
R.T.: 6.752 min
Delta R.T.: -0.006 min
Response: 1718270526
Conc: 179.46 ng/ml



#21 Endrin ketone

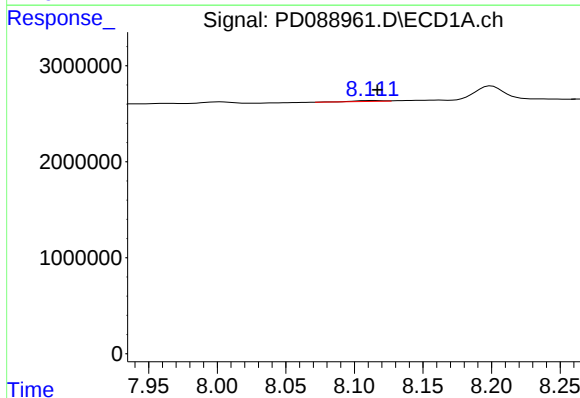
R.T.: 7.628 min
Delta R.T.: -0.005 min
Response: 4882195
Conc: 1.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



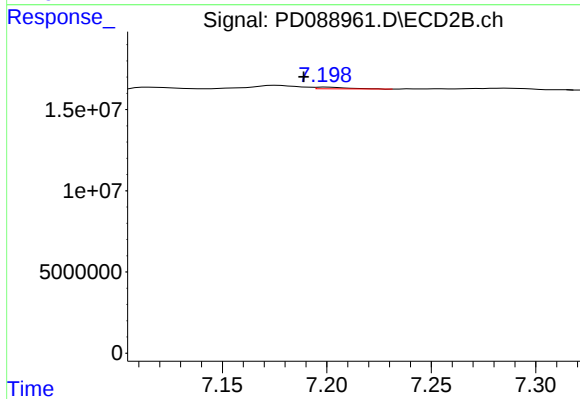
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.006 min
Response: 42295464
Conc: 2.19 ng/ml



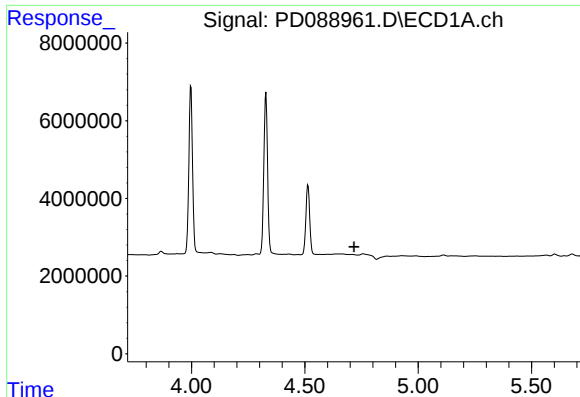
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.003 min
Response: 132359
Conc: 0.05 ng/ml



#22 Mirex

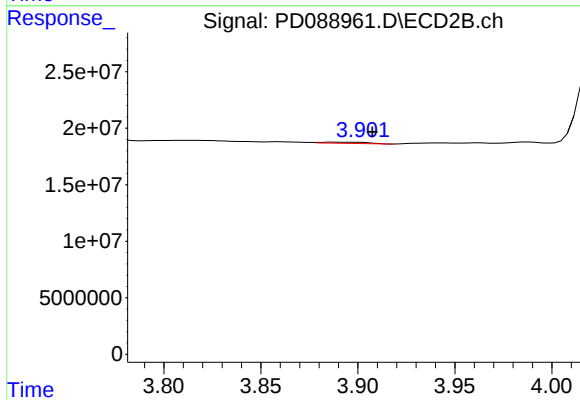
R.T.: 7.200 min
Delta R.T.: 0.011 min
Response: 1133549
Conc: 0.07 ng/ml



#23 Chlordane-1

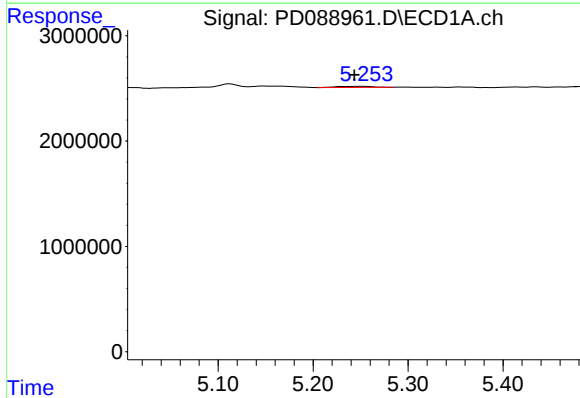
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



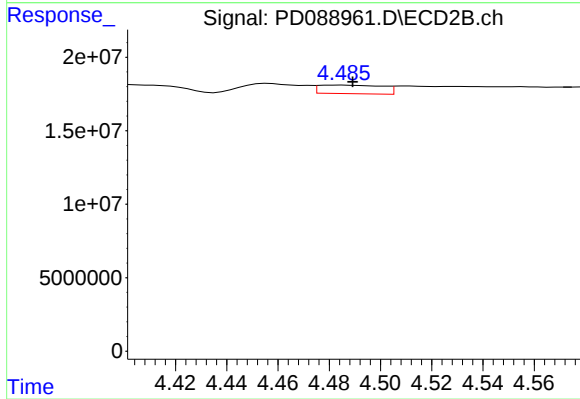
#23 Chlordane-1

R.T.: 3.889 min
Delta R.T.: -0.019 min
Response: 1687307
Conc: 2.04 ng/ml



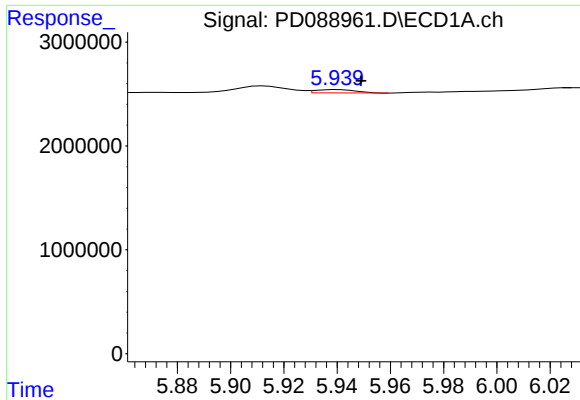
#24 Chlordane-2

R.T.: 5.253 min
Delta R.T.: 0.010 min
Response: 260439
Conc: 1.42 ng/ml



#24 Chlordane-2

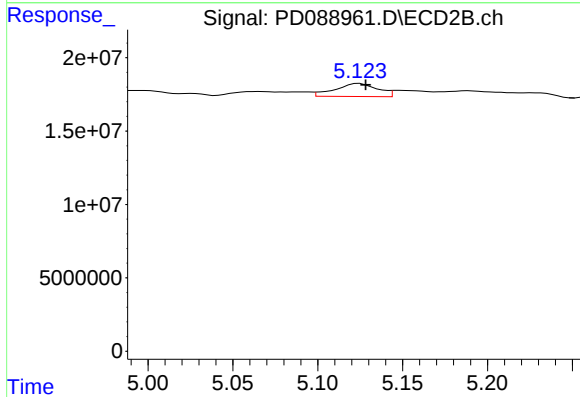
R.T.: 4.485 min
Delta R.T.: -0.004 min
Response: 10083609
Conc: 11.95 ng/ml



#25 Chlordane-3

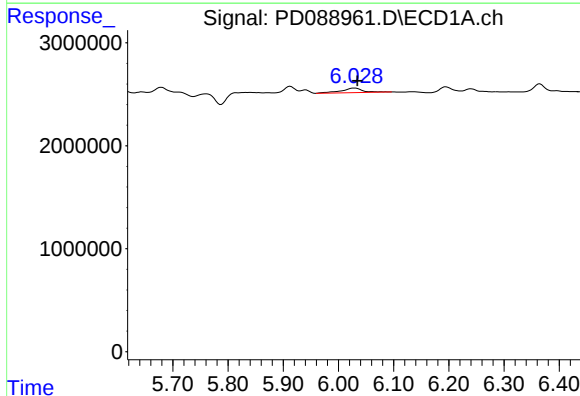
R.T.: 5.940 min
Delta R.T.: -0.009 min
Response: 344834
Conc: 0.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



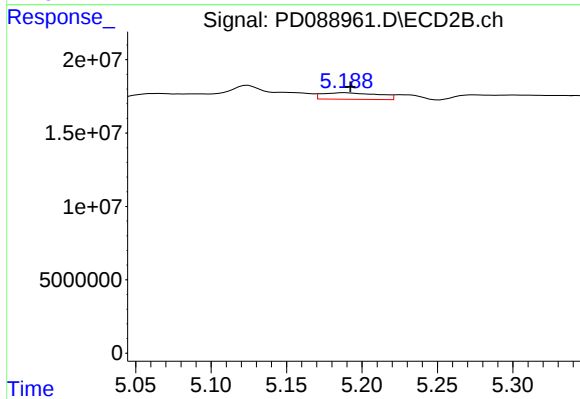
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 15315791
Conc: 5.81 ng/ml



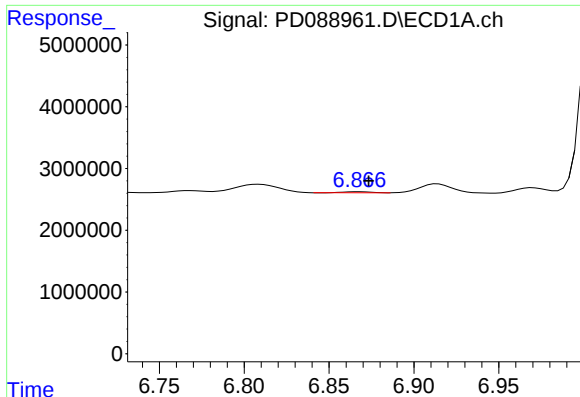
#26 Chlordane-4

R.T.: 6.030 min
Delta R.T.: -0.005 min
Response: 1219874
Conc: 1.36 ng/ml



#26 Chlordane-4

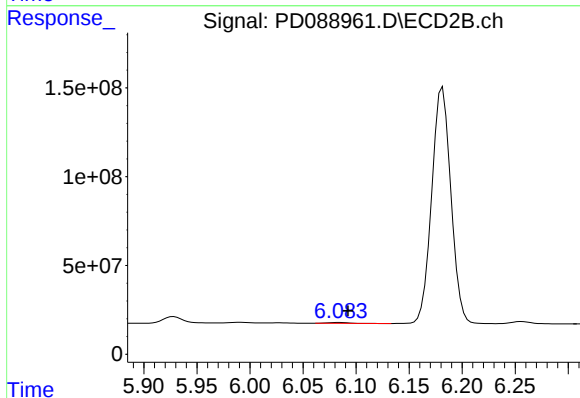
R.T.: 5.189 min
Delta R.T.: -0.004 min
Response: 11404922
Conc: 5.15 ng/ml



#27 Chlordane-5

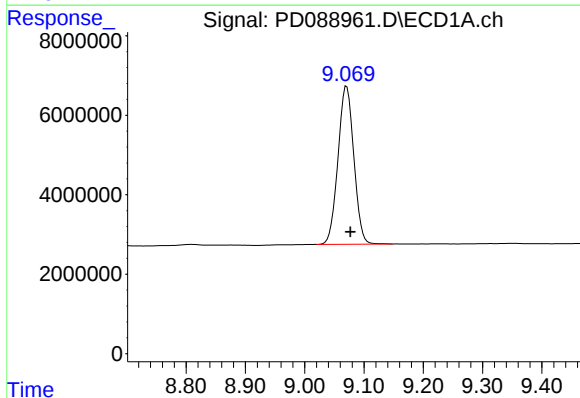
R.T.: 6.868 min
Delta R.T.: -0.006 min
Response: 193462
Conc: 1.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



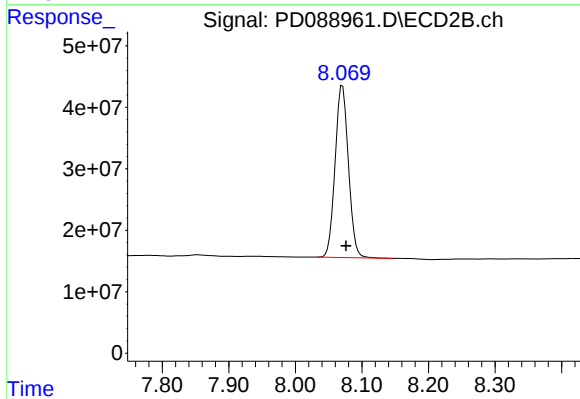
#27 Chlordane-5

R.T.: 6.085 min
Delta R.T.: -0.008 min
Response: 5385630
Conc: 5.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: -0.007 min
Response: 73884508
Conc: 21.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.006 min
Response: 389417696
Conc: 21.33 ng/ml