

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
 Data File : PD088821.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 10:30
 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 09 13:50:17 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...	3.555	2.879	50016794	294.4E6	23.116	19.463
28)	SA Decachlor...	9.083	8.075	79208753	394.6E6	23.145	21.616
Target Compounds							
2)	A alpha-BHC	4.005	3.392	46762713	241.3E6	9.790	10.093
3)	MA gamma-BHC...	4.337	3.729	46377773	226.2E6	10.076	10.206
4)	MA Heptachlor	4.948f	4.078	466605	1004088	0.104	0.045 #
5)	MB Aldrin	5.254f	4.363	939027	1025524	0.214	0.047 #
6)	B beta-BHC	4.522	4.025	19878074	99607023	11.024	10.225
7)	B delta-BHC	4.764	4.259	99125	1044528	0.023	0.047 #
8)	B Heptachlo...	5.688	4.884	2312296	364202	0.583	0.018 #
9)	A Endosulfan I	0.000	5.234f	0	1321249	N.D.	0.070 #
10)	B gamma-Chl...	5.953	5.129	384915	3860701	0.096	0.181 #
11)	B alpha-Chl...	6.039	5.188	900078	4427528	0.225	0.215
12)	B 4,4'-DDE	6.208	5.379	-134023	2261270	N.D.	0.108
14)	MA Endrin	6.582	5.790	181.4E6	878.2E6	53.122	45.542
15)	B Endosulfa...	6.778	6.087	537503	1434559	0.156	0.078 #
16)	A 4,4'-DDD	6.711	5.932	1751336	10181150	0.629	0.585
17)	MA 4,4'-DDT	7.029	6.185	339.4E6	1668.1E6	108.701	91.972
18)	B Endrin al...	6.924	6.258	406989	9071158	0.158	0.651 #
19)	B Endosulfa...	0.000	6.479	0	218868	N.D.	0.012 #
20)	A Methoxychlor	7.501	6.756	418.2E6	1735.6E6	250.327	181.269 #
21)	B Endrin ke...	7.637	6.992	501711	14873371	0.147	0.769 #
22)	Mirex	8.123	7.178	43137	4940095	0.017	0.325 #
23)	Chlordane-1	0.000	3.903	0	997659	N.D.	1.207 #
24)	Chlordane-2	5.254	4.504	939027	221999	5.117	0.263 #
25)	Chlordane-3	5.953	5.129	384915	3860701	0.520	1.464 #
26)	Chlordane-4	6.039	5.188	900078	4427528	1.004	2.001 #
27)	Chlordane-5	6.879	6.087	181520	1434559	1.193	1.433

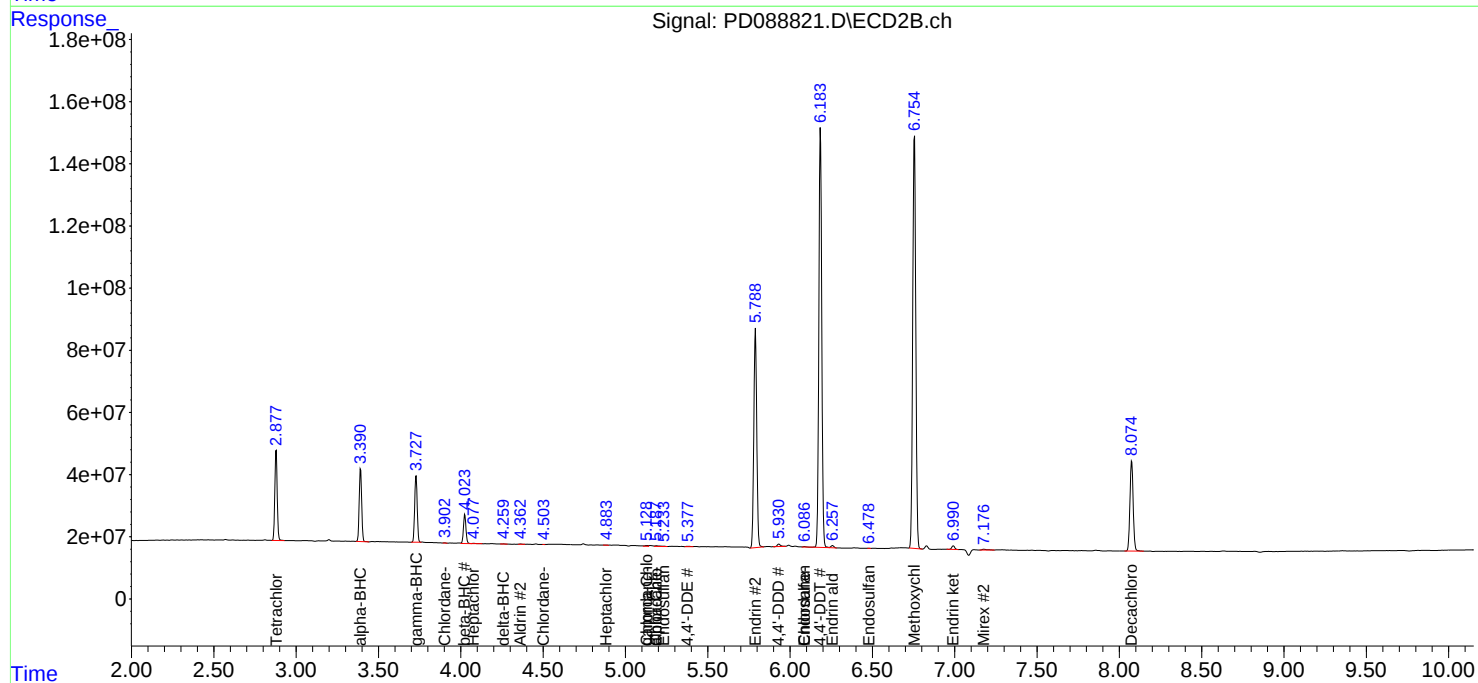
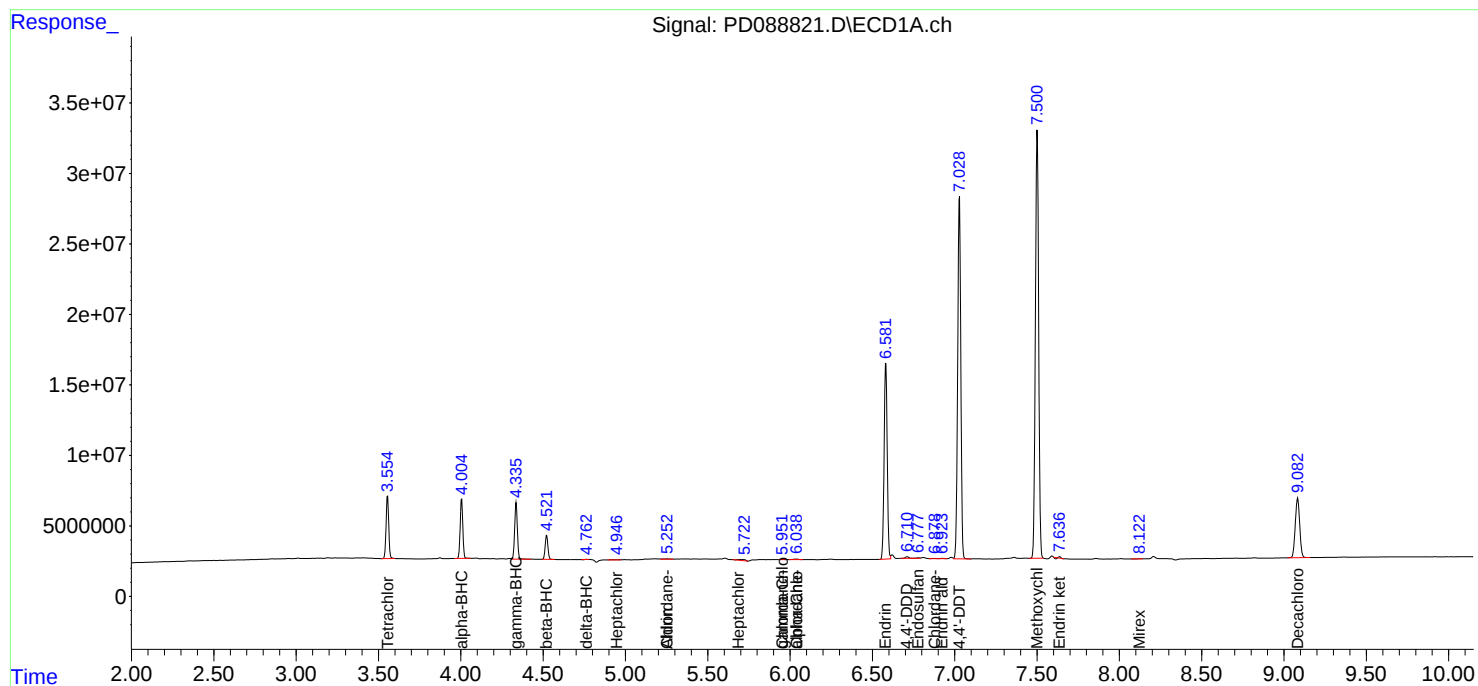
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

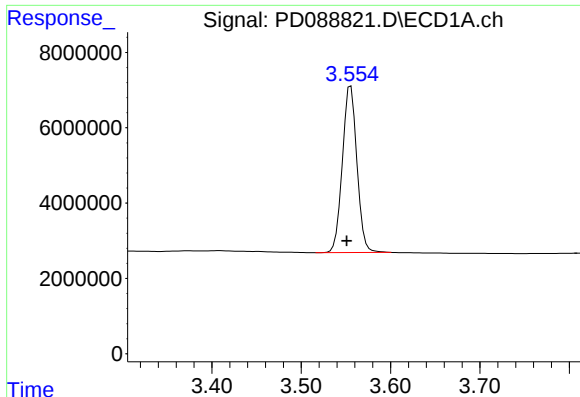
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
Data File : PD088821.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 10:30
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 09 13:50:17 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

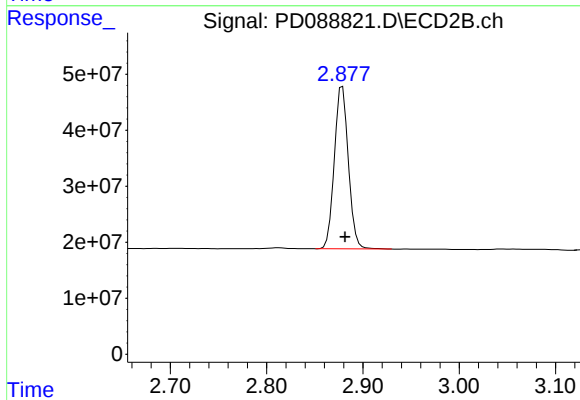




#1 Tetrachloro-m-xylene

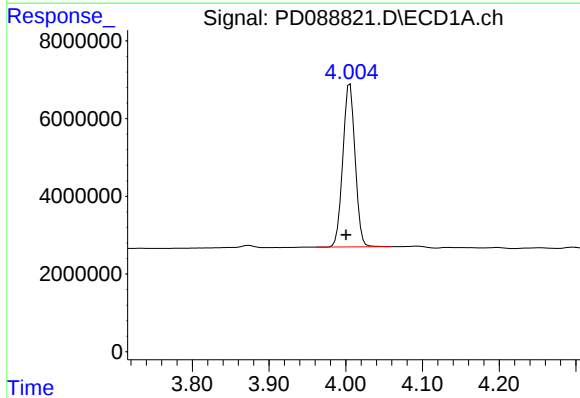
R.T.: 3.555 min
Delta R.T.: 0.004 min
Response: 50016794
Conc: 23.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



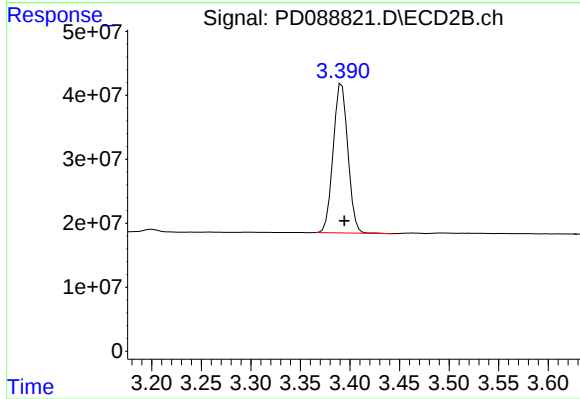
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.003 min
Response: 294412325
Conc: 19.46 ng/ml



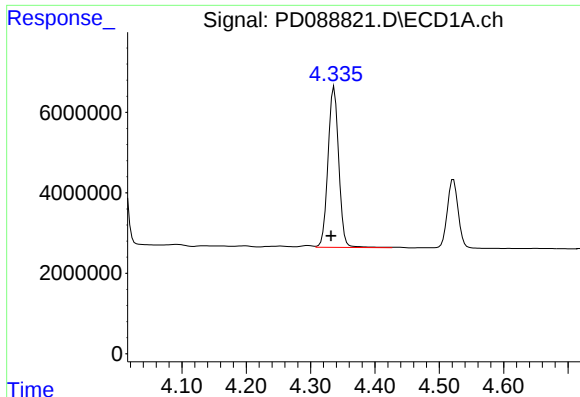
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.005 min
Response: 46762713
Conc: 9.79 ng/ml



#2 alpha-BHC

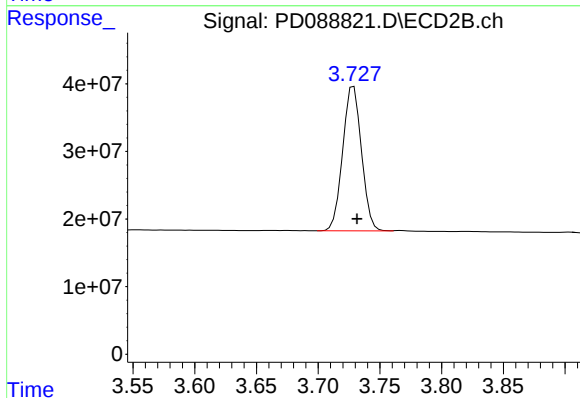
R.T.: 3.392 min
Delta R.T.: -0.003 min
Response: 241260669
Conc: 10.09 ng/ml



#3 gamma-BHC (Lindane)

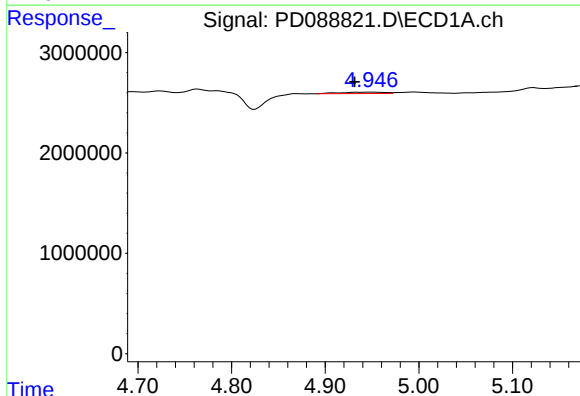
R.T.: 4.337 min
Delta R.T.: 0.005 min
Response: 46377773
Conc: 10.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



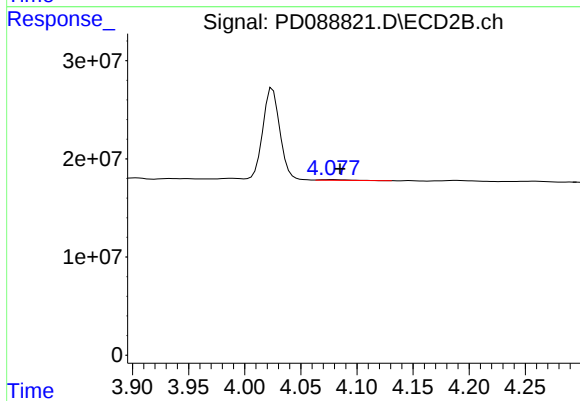
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: -0.003 min
Response: 226217688
Conc: 10.21 ng/ml



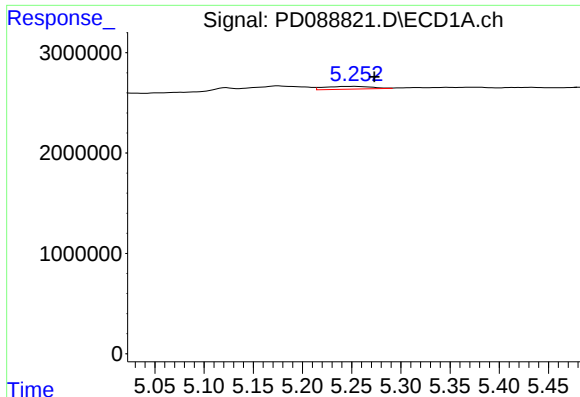
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.016 min
Response: 466605
Conc: 0.10 ng/ml



#4 Heptachlor

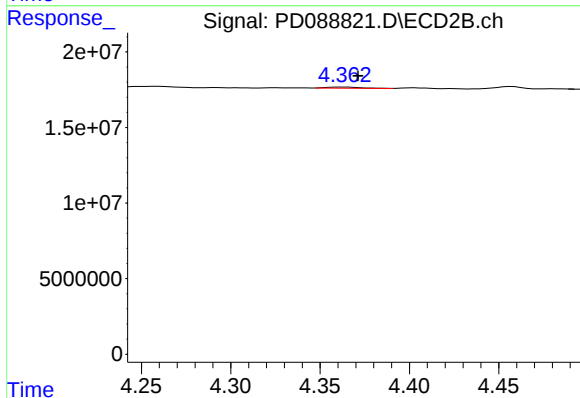
R.T.: 4.078 min
Delta R.T.: -0.007 min
Response: 1004088
Conc: 0.04 ng/ml



#5 Aldrin

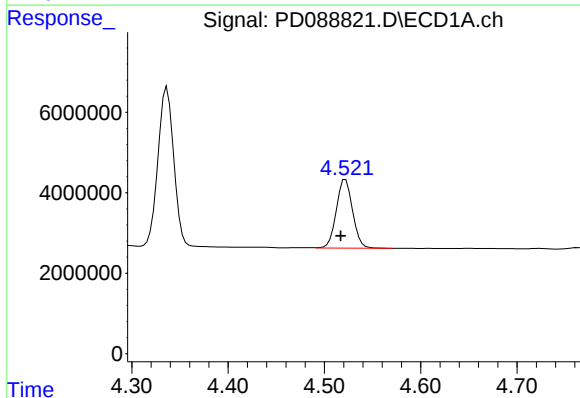
R.T.: 5.254 min
Delta R.T.: -0.019 min
Response: 939027
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



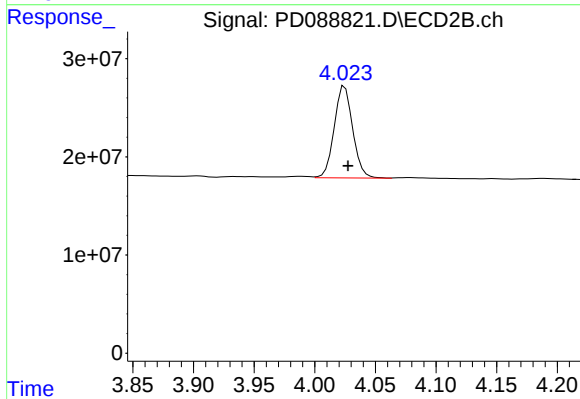
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: -0.008 min
Response: 1025524
Conc: 0.05 ng/ml



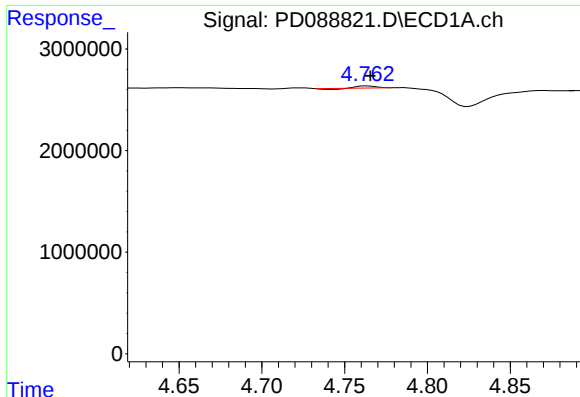
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.005 min
Response: 19878074
Conc: 11.02 ng/ml



#6 beta-BHC

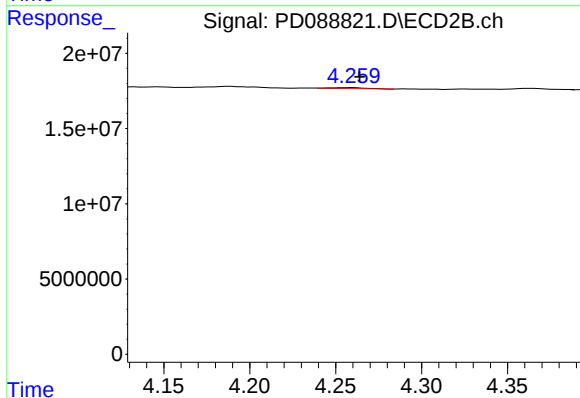
R.T.: 4.025 min
Delta R.T.: -0.003 min
Response: 99607023
Conc: 10.22 ng/ml



#7 delta-BHC

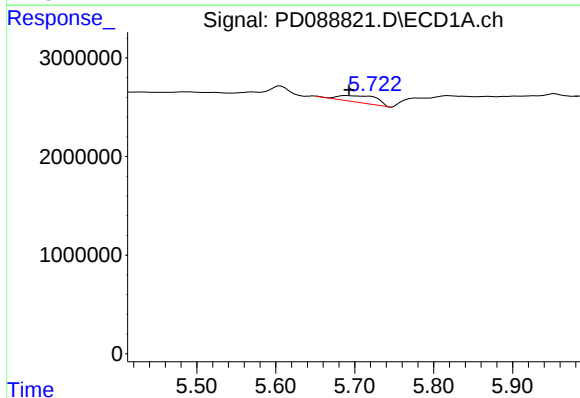
R.T.: 4.764 min
Delta R.T.: -0.002 min
Response: 99125
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



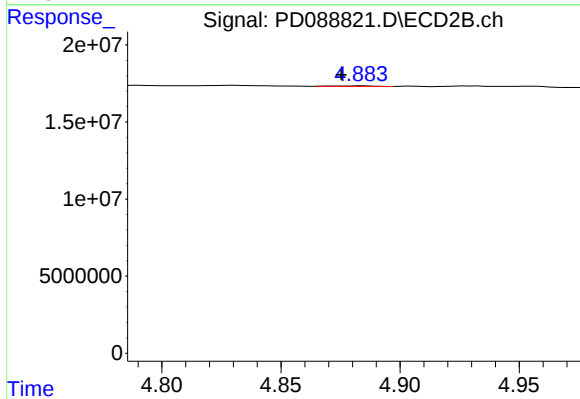
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: -0.005 min
Response: 1044528
Conc: 0.05 ng/ml



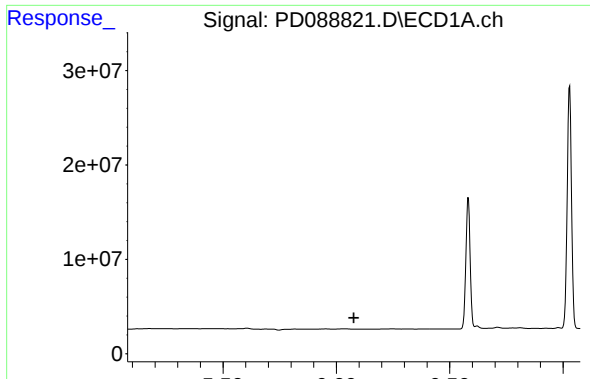
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.005 min
Response: 2312296
Conc: 0.58 ng/ml



#8 Heptachlor epoxide

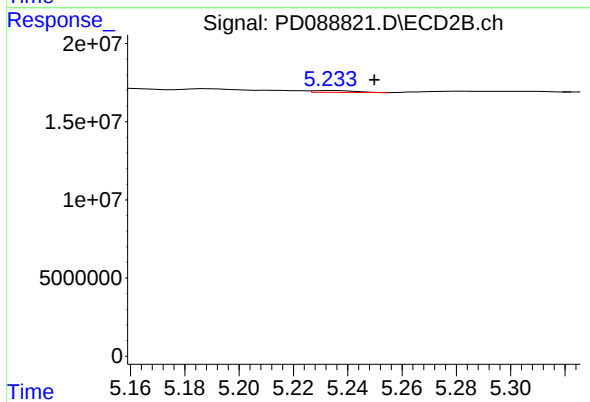
R.T.: 4.884 min
Delta R.T.: 0.008 min
Response: 364202
Conc: 0.02 ng/ml



#9 Endosulfan I

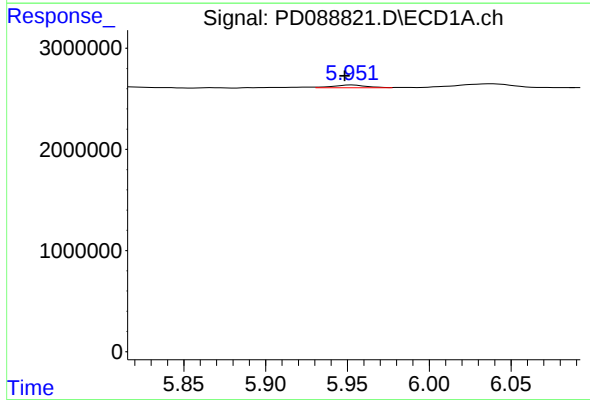
R.T.: 0.000 min
Exp R.T.: 6.077 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



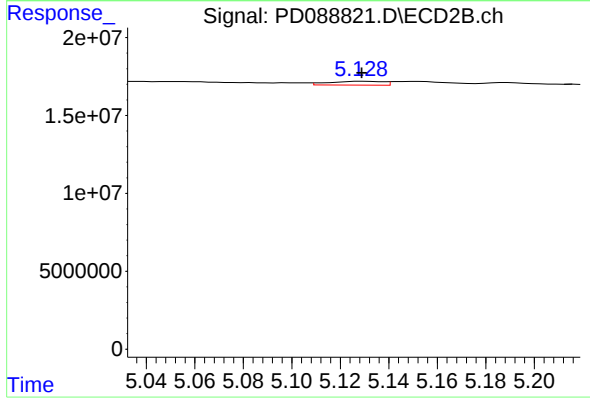
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.016 min
Response: 1321249
Conc: 0.07 ng/ml



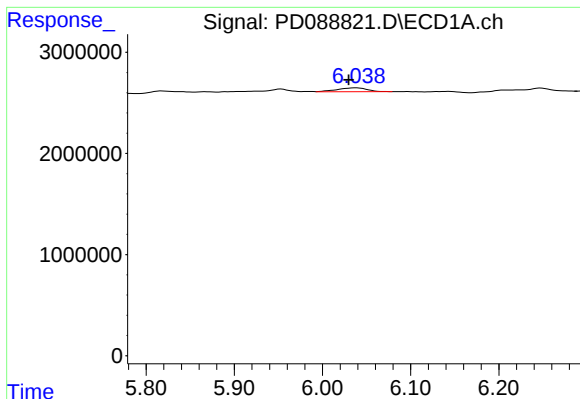
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.004 min
Response: 384915
Conc: 0.10 ng/ml



#10 gamma-Chlordane

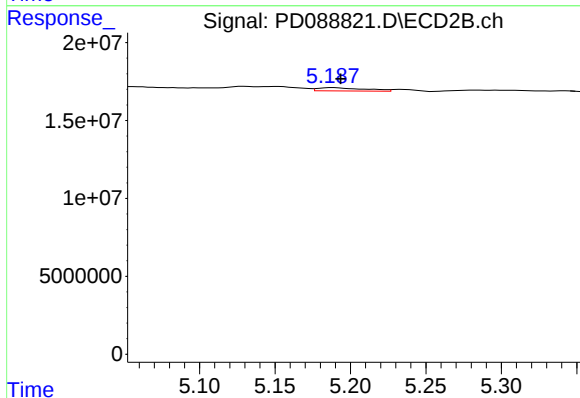
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 3860701
Conc: 0.18 ng/ml



#11 alpha-Chlordane

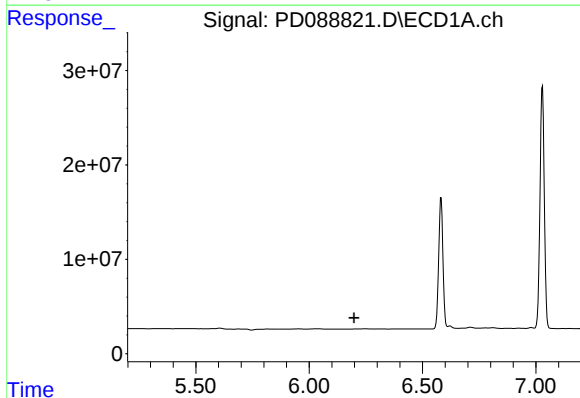
R.T.: 6.039 min
Delta R.T.: 0.010 min
Response: 900078
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



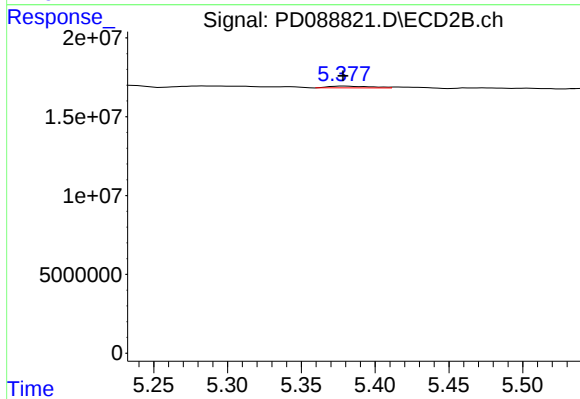
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.005 min
Response: 4427528
Conc: 0.21 ng/ml



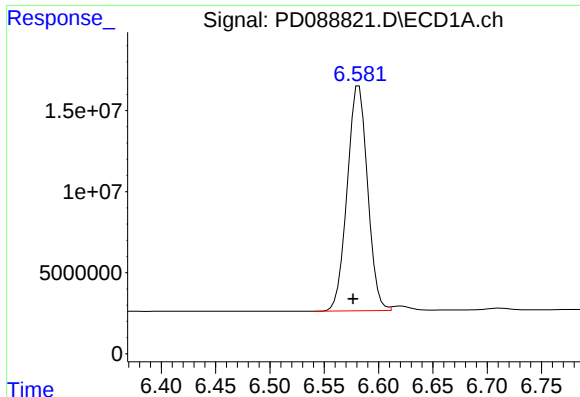
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: 0.010 min
Response: -134023
Conc: N.D.



#12 4,4'-DDE

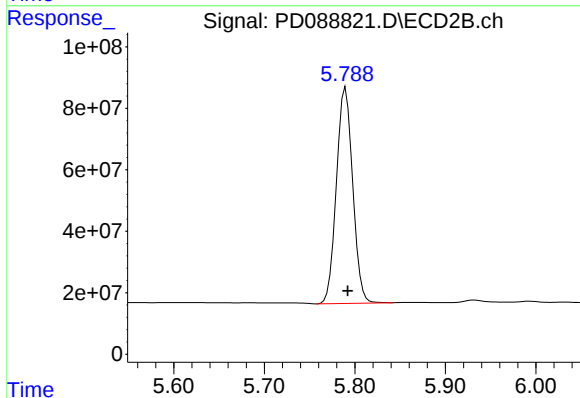
R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 2261270
Conc: 0.11 ng/ml



#14 Endrin

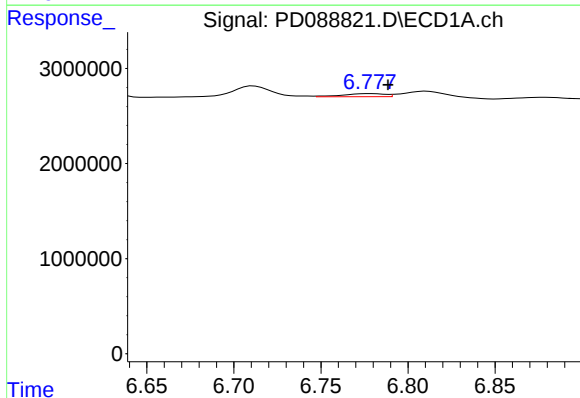
R.T.: 6.582 min
Delta R.T.: 0.005 min
Response: 181420637
Conc: 53.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



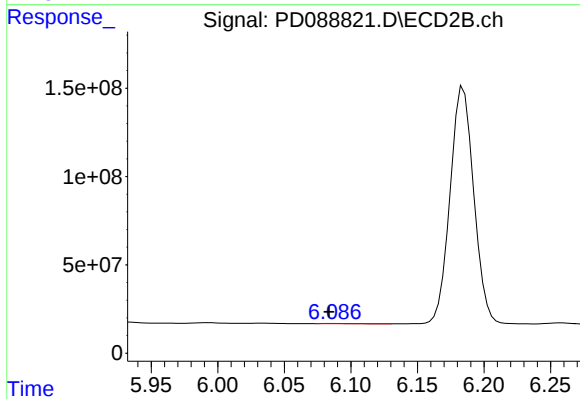
#14 Endrin

R.T.: 5.790 min
Delta R.T.: -0.002 min
Response: 878232975
Conc: 45.54 ng/ml



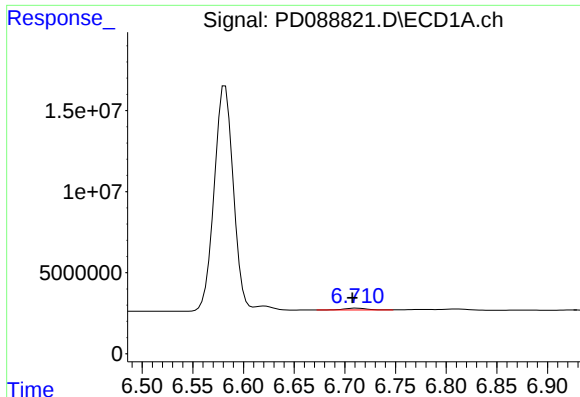
#15 Endosulfan II

R.T.: 6.778 min
Delta R.T.: -0.010 min
Response: 537503
Conc: 0.16 ng/ml



#15 Endosulfan II

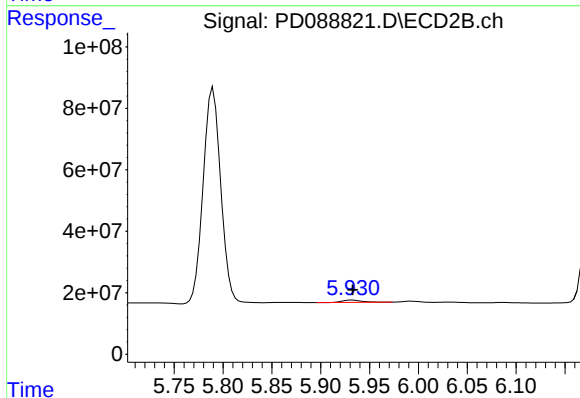
R.T.: 6.087 min
Delta R.T.: 0.004 min
Response: 1434559
Conc: 0.08 ng/ml



#16 4,4'-DDD

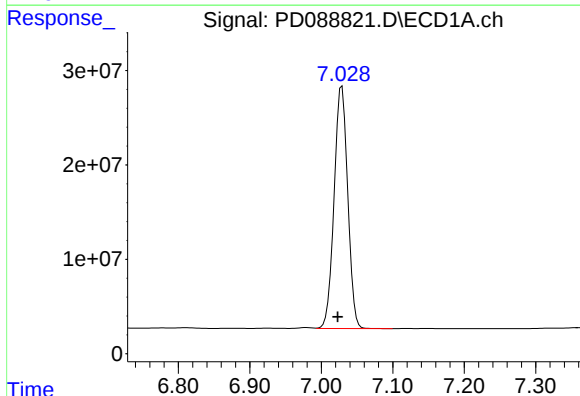
R.T.: 6.711 min
Delta R.T.: 0.004 min
Response: 1751336
Conc: 0.63 ng/ml

Instrument :
ECD_D
ClientSampleId :



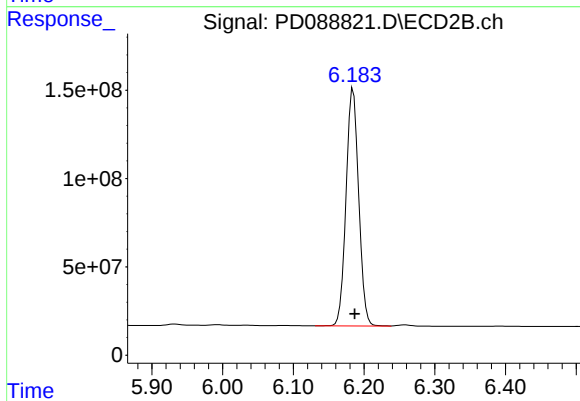
#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 10181150
Conc: 0.59 ng/ml



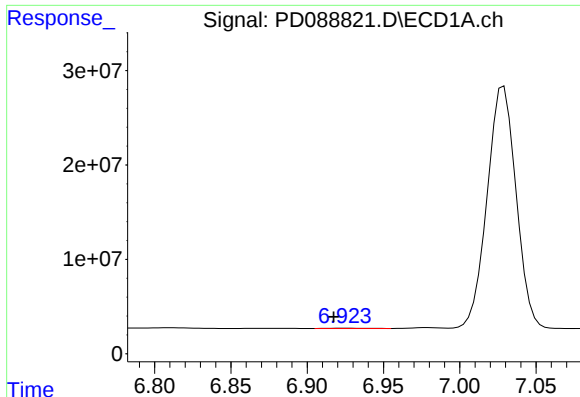
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.006 min
Response: 339369552
Conc: 108.70 ng/ml



#17 4,4'-DDT

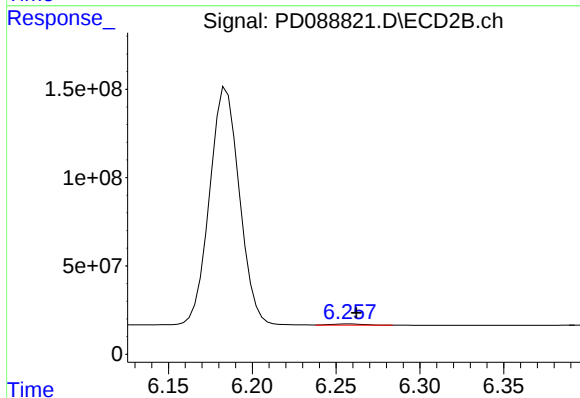
R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 1668134932
Conc: 91.97 ng/ml



#18 Endrin aldehyde

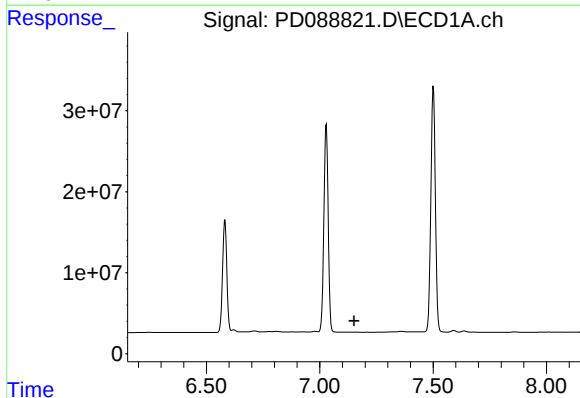
R.T.: 6.924 min
Delta R.T.: 0.007 min
Response: 406989
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



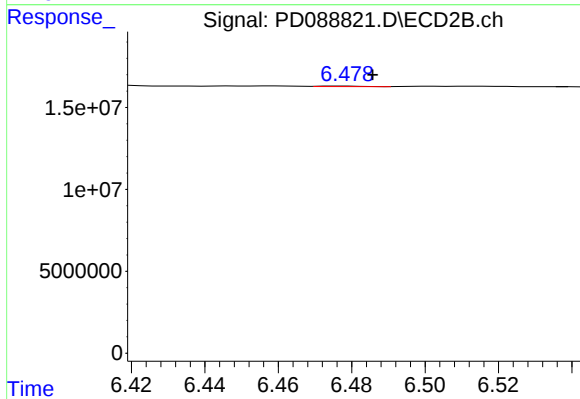
#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: -0.004 min
Response: 9071158
Conc: 0.65 ng/ml



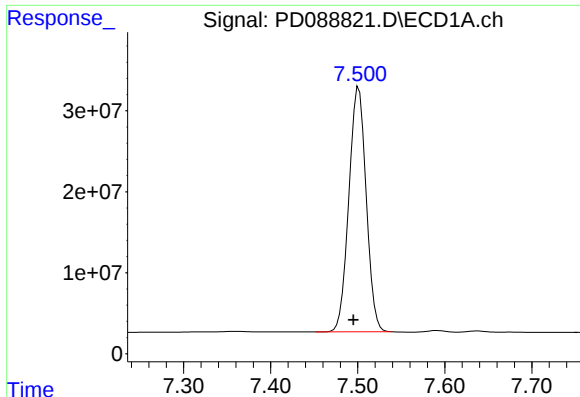
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

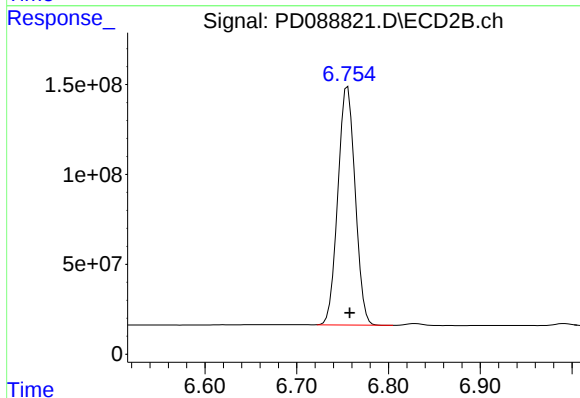
R.T.: 6.479 min
Delta R.T.: -0.007 min
Response: 218868
Conc: 0.01 ng/ml



#20 Methoxychlor

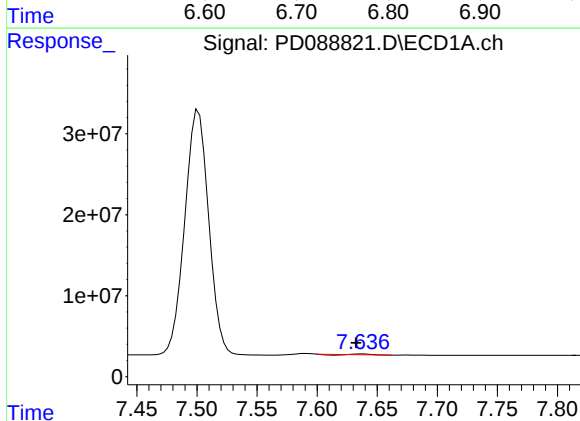
R.T.: 7.501 min
Delta R.T.: 0.006 min
Response: 418184303
Conc: 250.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



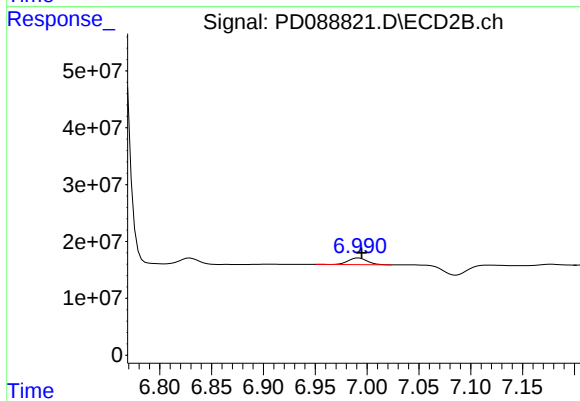
#20 Methoxychlor

R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 1735613515
Conc: 181.27 ng/ml



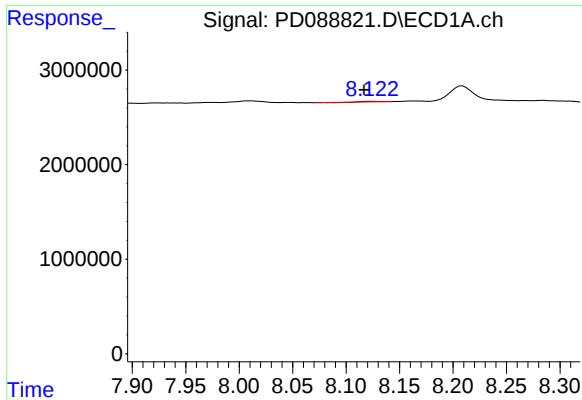
#21 Endrin ketone

R.T.: 7.637 min
Delta R.T.: 0.005 min
Response: 501711
Conc: 0.15 ng/ml



#21 Endrin ketone

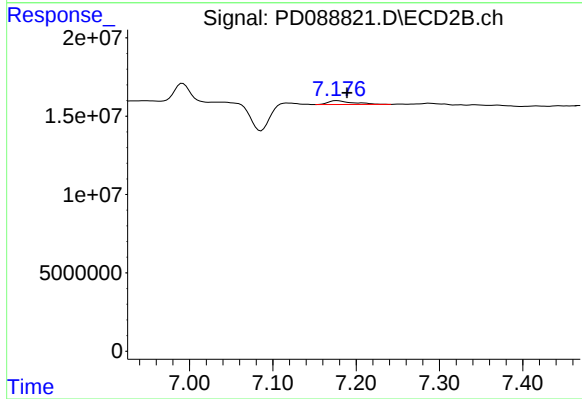
R.T.: 6.992 min
Delta R.T.: -0.003 min
Response: 14873371
Conc: 0.77 ng/ml



#22 Mirex

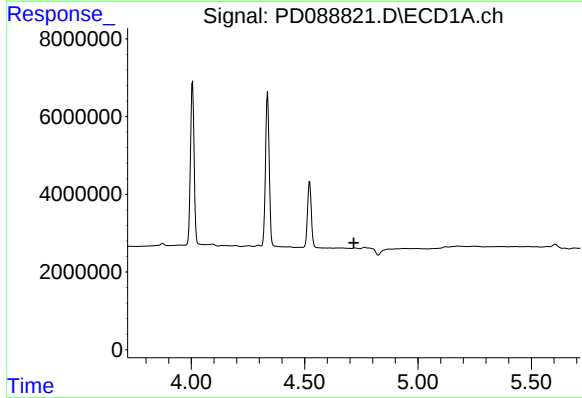
R.T.: 8.123 min
Delta R.T.: 0.006 min
Response: 43137
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



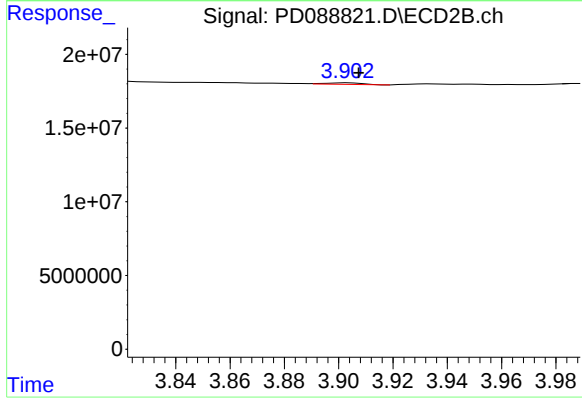
#22 Mirex

R.T.: 7.178 min
Delta R.T.: -0.011 min
Response: 4940095
Conc: 0.32 ng/ml



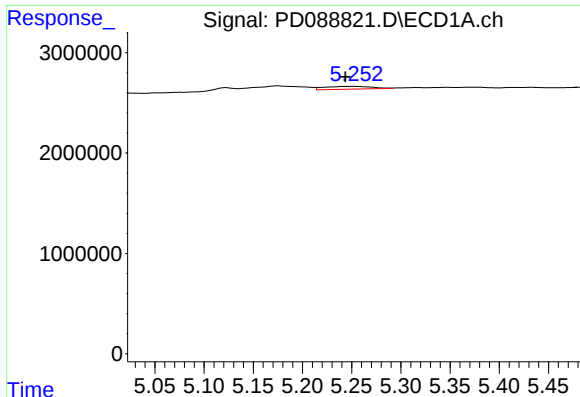
#23 Chlordane-1

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



#23 Chlordane-1

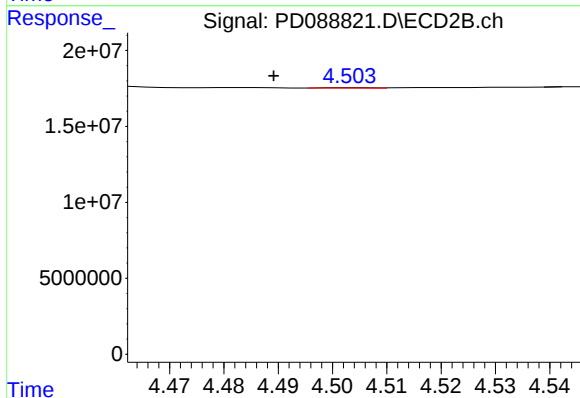
R.T.: 3.903 min
Delta R.T.: -0.004 min
Response: 997659
Conc: 1.21 ng/ml



#24 Chlordane-2

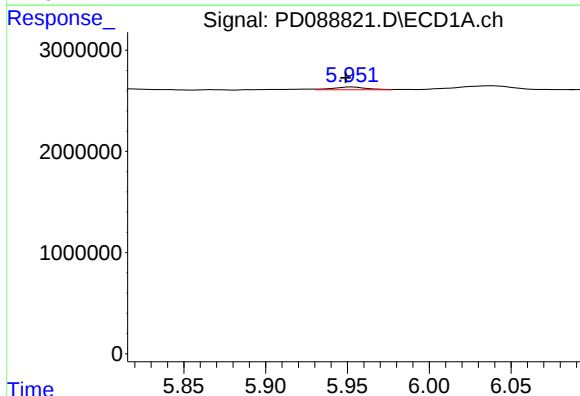
R.T.: 5.254 min
Delta R.T.: 0.010 min
Response: 939027
Conc: 5.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



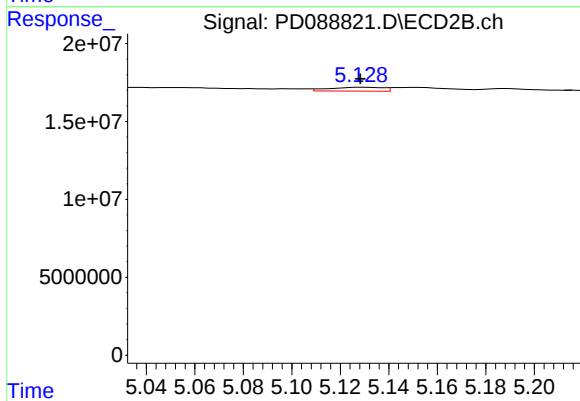
#24 Chlordane-2

R.T.: 4.504 min
Delta R.T.: 0.015 min
Response: 221999
Conc: 0.26 ng/ml



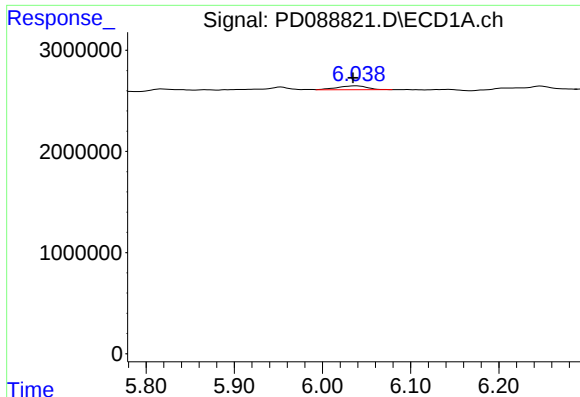
#25 Chlordane-3

R.T.: 5.953 min
Delta R.T.: 0.004 min
Response: 384915
Conc: 0.52 ng/ml



#25 Chlordane-3

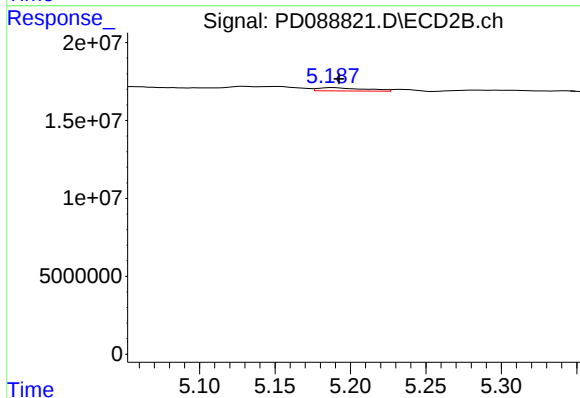
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 3860701
Conc: 1.46 ng/ml



#26 Chlordane-4

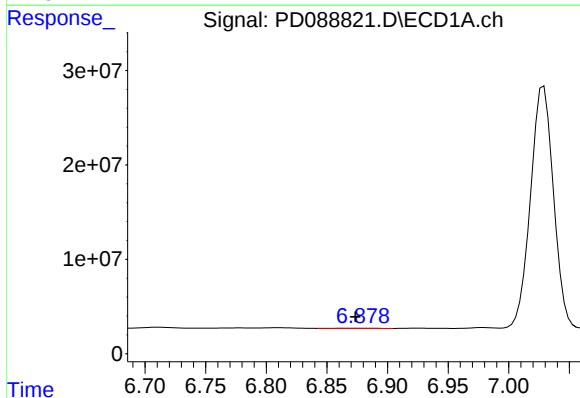
R.T.: 6.039 min
Delta R.T.: 0.005 min
Response: 900078
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



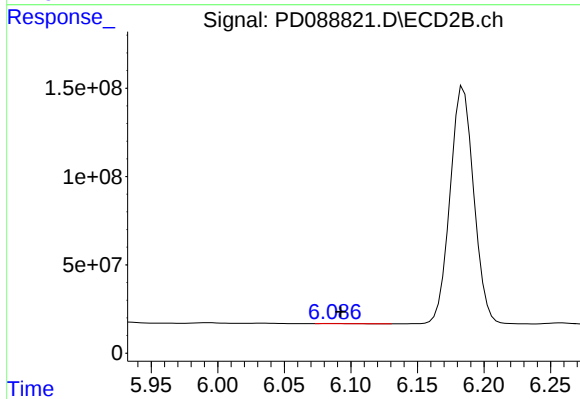
#26 Chlordane-4

R.T.: 5.188 min
Delta R.T.: -0.004 min
Response: 4427528
Conc: 2.00 ng/ml



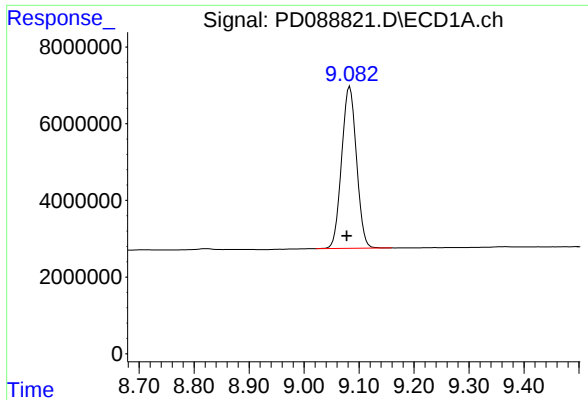
#27 Chlordane-5

R.T.: 6.879 min
Delta R.T.: 0.006 min
Response: 181520
Conc: 1.19 ng/ml



#27 Chlordane-5

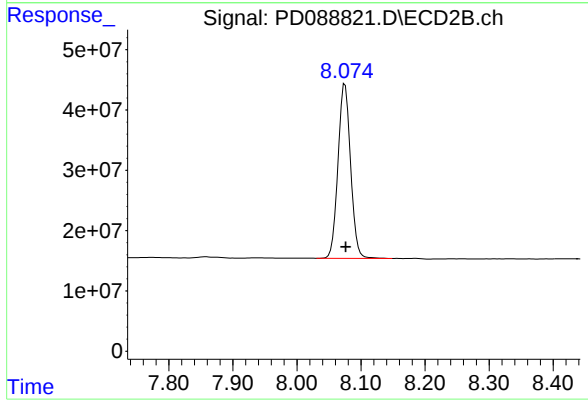
R.T.: 6.087 min
Delta R.T.: -0.005 min
Response: 1434559
Conc: 1.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.006 min
Response: 79208753
Conc: 23.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.001 min
Response: 394628475
Conc: 21.62 ng/ml