

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020725\
 Data File : PD087780.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2025 09:20
 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: Feb 08 00:01:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 14:33:08 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	2.881	41865557	270.3E6	21.013	22.473
28)	SA Decachlor...	9.085	8.081	62113161	305.8E6	20.365	21.637
Target Compounds							
2)	A alpha-BHC	4.004	3.395	40010745	221.5E6	9.942	11.848
3)	MA gamma-BHC...	4.335	3.732	35968577	202.6E6	9.038	11.409 #
4)	MA Heptachlor	4.955f	4.104f	453891	191865	0.122	0.011 #
5)	MB Aldrin	0.000	4.371	0	12037874	N.D.	0.689 #
6)	B beta-BHC	4.520	4.028	17718281	93773341	11.224	12.295
7)	B delta-BHC	4.764	4.266	991998	4914352	0.246	0.272
8)	B Heptachlo...	5.688	4.889	673111	1815258	0.197	0.115 #
9)	A Endosulfan I	6.106f	5.238	404216	17631809	0.128	1.183 #
10)	B gamma-Chl...	5.923f	5.128	3969992	17709528	1.201	1.089
11)	B alpha-Chl...	6.049f	5.186	1039110	8523452	0.312	0.534 #
12)	B 4,4'-DDE	6.205	5.381	477994	22548658	0.158	1.433 #
13)	MA Dieldrin	6.372f	5.517	425014	273187	0.126	0.017 #
14)	MA Endrin	6.581	5.794	124.9E6	673.7E6	43.093	45.234
15)	B Endosulfa...	6.817f	6.094	1149604	6021531	0.400	0.422
16)	A 4,4'-DDD	6.712	5.936	11689358	68203661	4.857	5.158
17)	MA 4,4'-DDT	7.029	6.189	238.3E6	1218.6E6	92.504	90.530
18)	B Endrin al...	6.922	6.264	4642905	30929275	2.004	2.653 #
19)	B Endosulfa...	7.125f	6.497	161552	208636	0.059	0.015 #
20)	A Methoxychlor	7.501	6.761	310.8E6	1390.3E6	211.749	181.914
21)	B Endrin ke...	7.637	6.997	10484825	73879208	3.410	4.735 #
22)	Mirex	0.000	7.191	0	1715198	N.D.	0.135 #
23)	Chlordane-1	0.000	3.906	0	141441	N.D.	0.254 #
24)	Chlordane-2	5.241	4.497	147503	13904661	1.087	23.528 #
25)	Chlordane-3	5.923f	5.128	3969992	17709528	7.897	10.146 #
26)	Chlordane-4	6.049	5.186	1039110	8523452	1.710	5.777 #
27)	Chlordane-5	0.000	6.094	0	6021531	N.D.	9.197 #

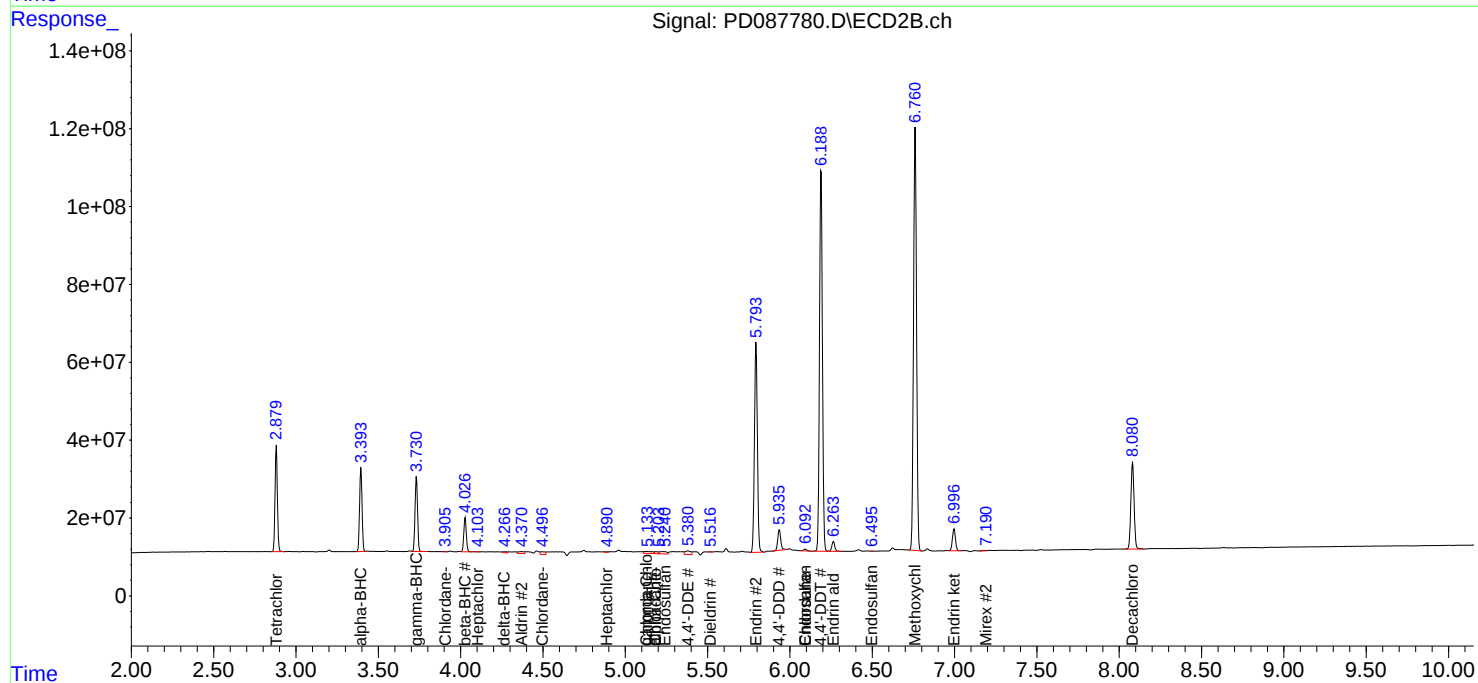
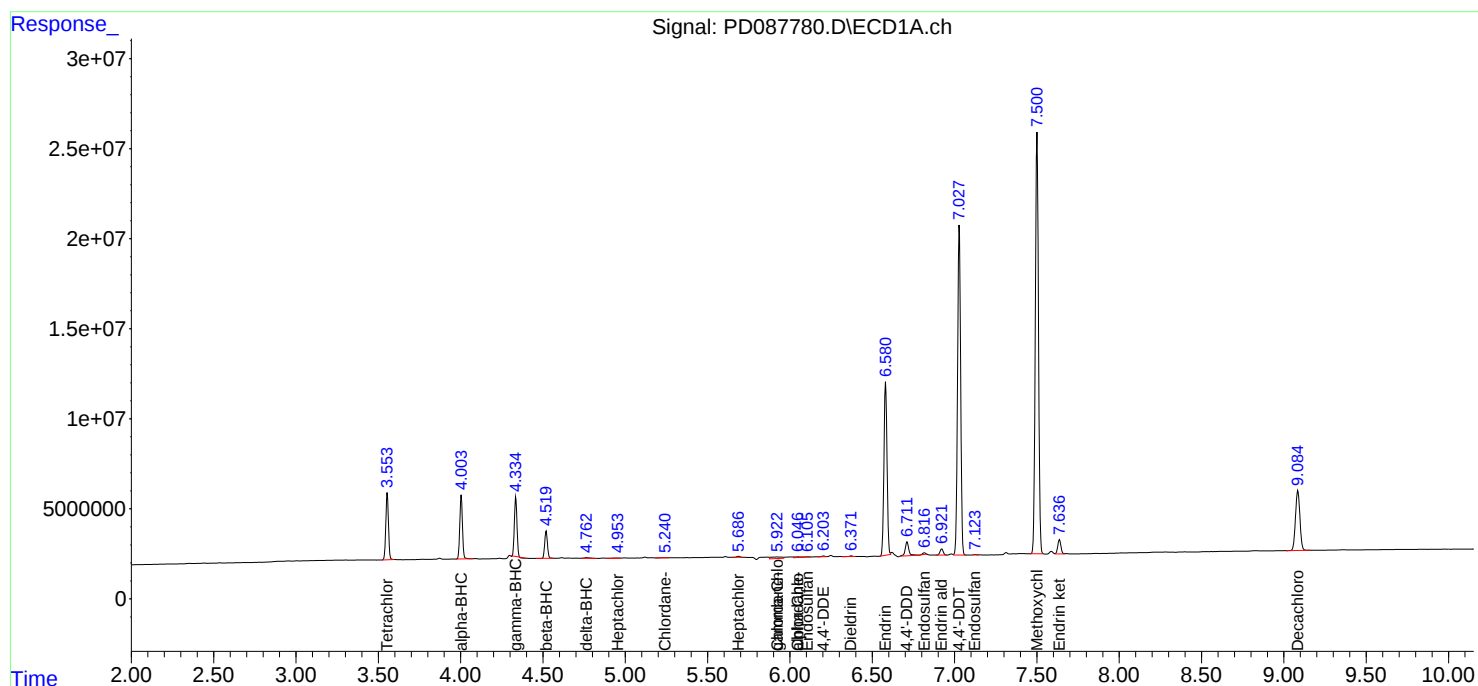
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

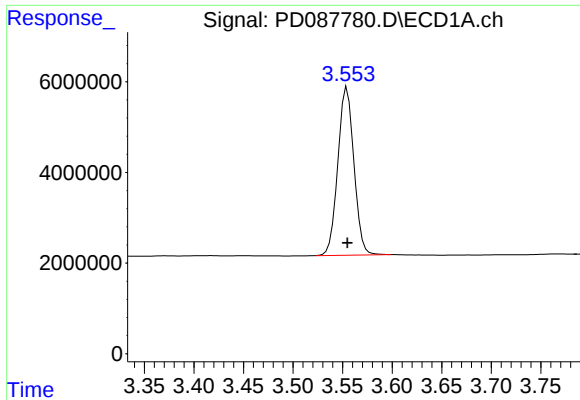
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020725\
Data File : PD087780.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Feb 2025 09:20
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 08 00:01:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
Quant Title : GC Extractables
QLast Update : Wed Jan 22 14:33:08 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

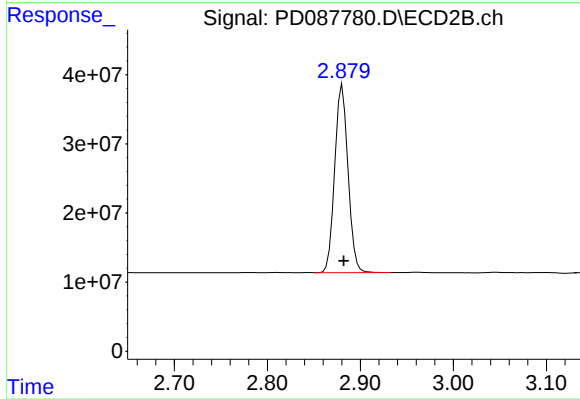




#1 Tetrachloro-m-xylene

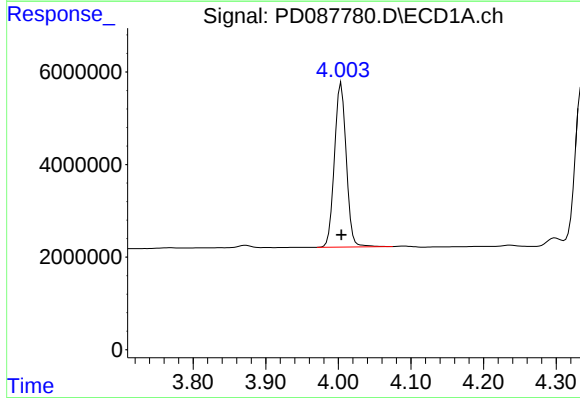
R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 41865557
Conc: 21.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



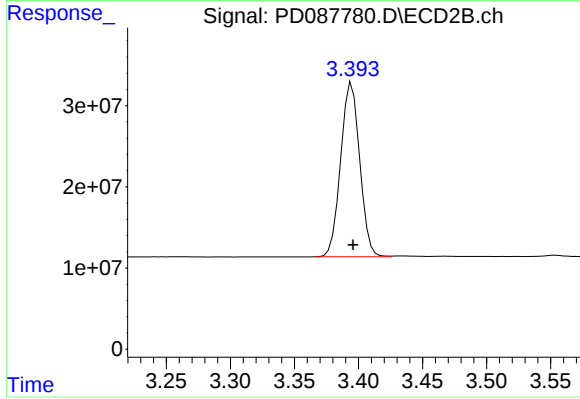
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.001 min
Response: 270281048
Conc: 22.47 ng/ml



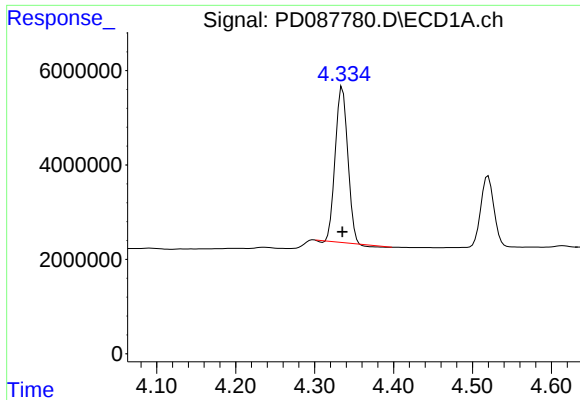
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 40010745
Conc: 9.94 ng/ml



#2 alpha-BHC

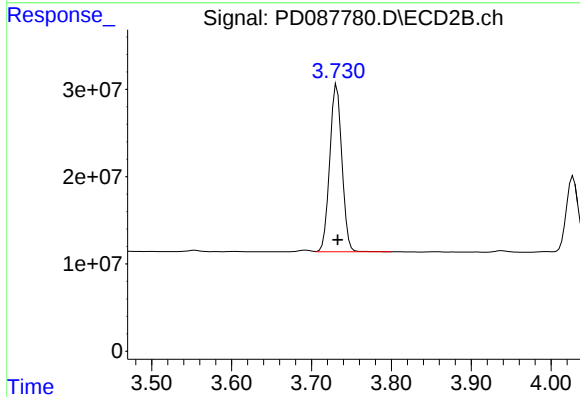
R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 221453775
Conc: 11.85 ng/ml



#3 gamma-BHC (Lindane)

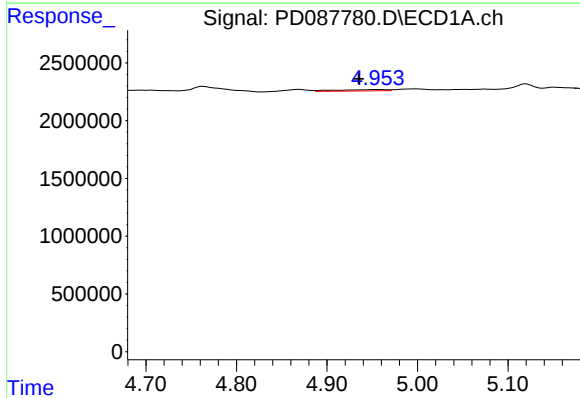
R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 35968577
Conc: 9.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



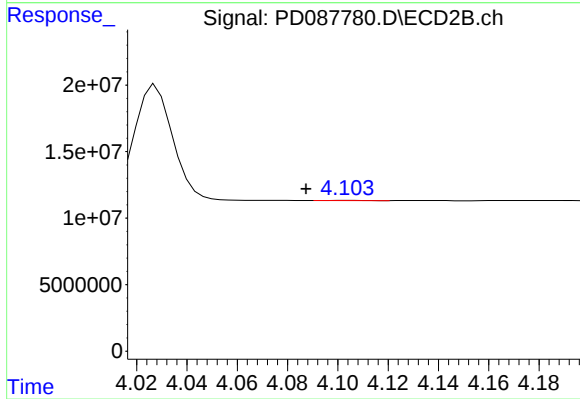
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: -0.001 min
Response: 202560323
Conc: 11.41 ng/ml



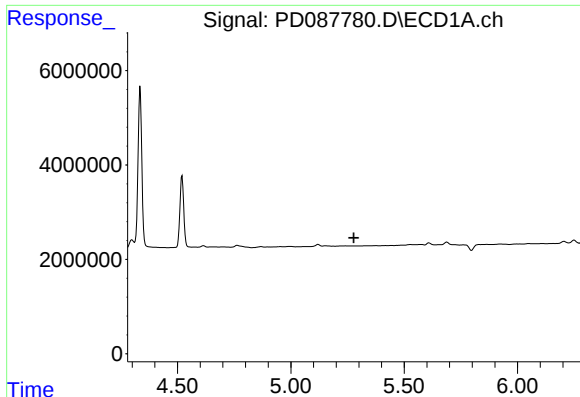
#4 Heptachlor

R.T.: 4.955 min
Delta R.T.: 0.019 min
Response: 453891
Conc: 0.12 ng/ml



#4 Heptachlor

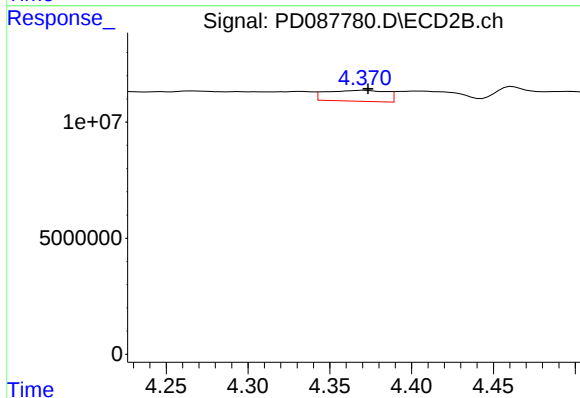
R.T.: 4.104 min
Delta R.T.: 0.017 min
Response: 191865
Conc: 0.01 ng/ml



#5 Aldrin

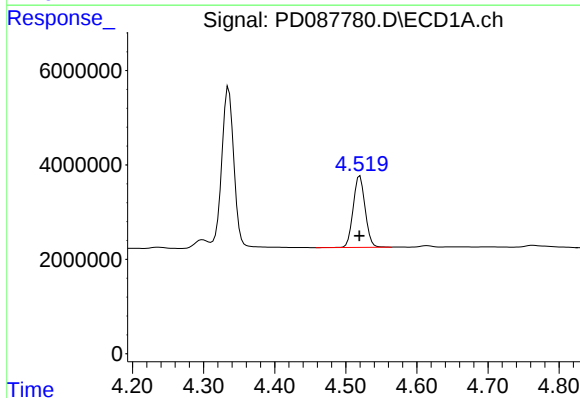
R.T.: 0.000 min
Exp R.T.: 5.277 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



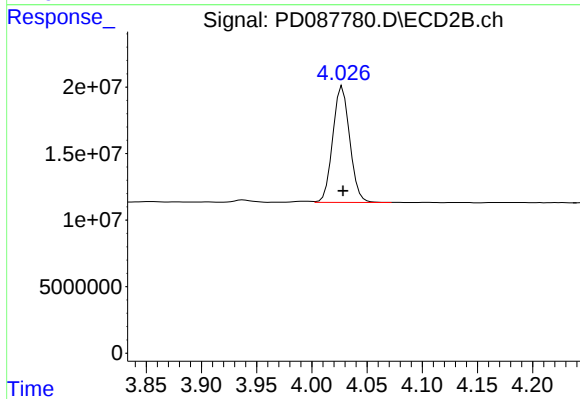
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: -0.003 min
Response: 12037874
Conc: 0.69 ng/ml



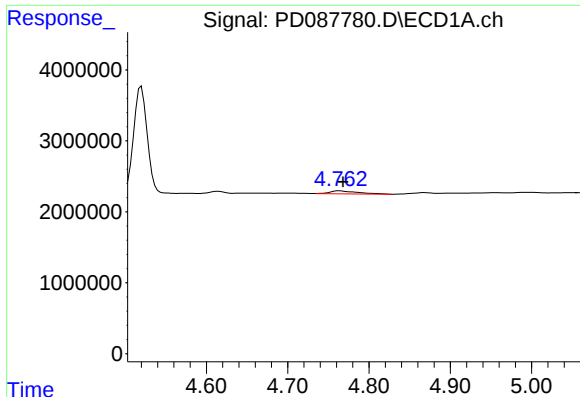
#6 beta-BHC

R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 17718281
Conc: 11.22 ng/ml



#6 beta-BHC

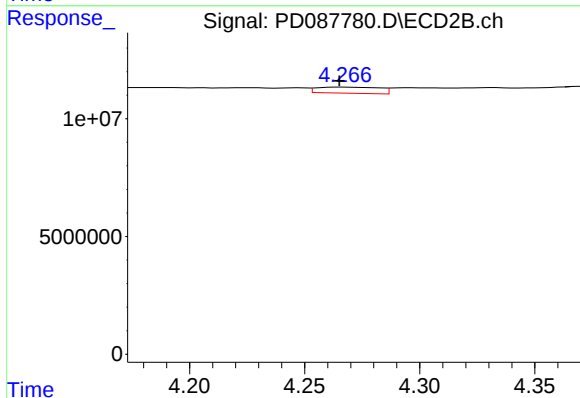
R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 93773341
Conc: 12.30 ng/ml



#7 delta-BHC

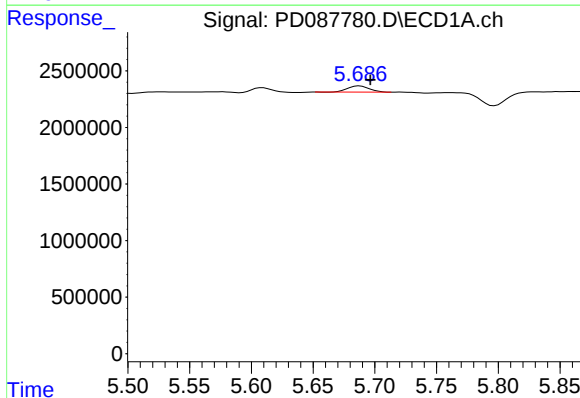
R.T.: 4.764 min
Delta R.T.: -0.004 min
Response: 991998
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



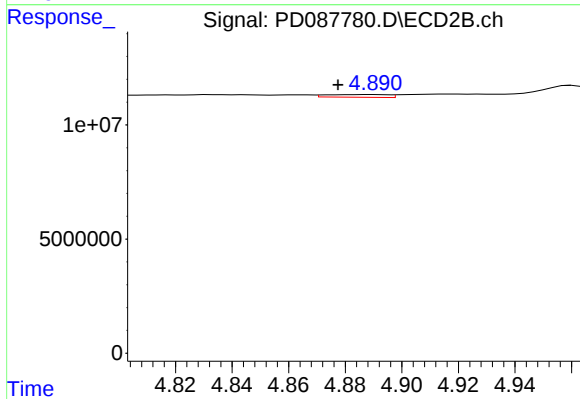
#7 delta-BHC

R.T.: 4.266 min
Delta R.T.: 0.001 min
Response: 4914352
Conc: 0.27 ng/ml



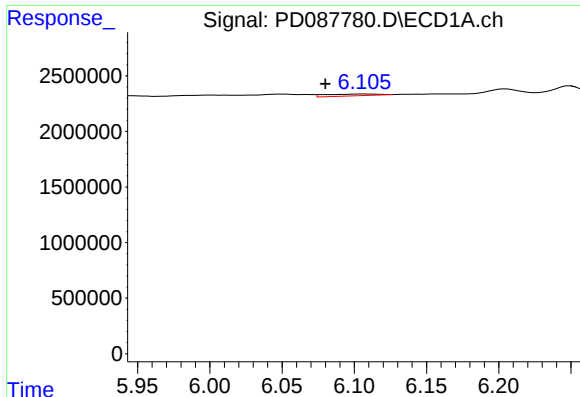
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.009 min
Response: 673111
Conc: 0.20 ng/ml



#8 Heptachlor epoxide

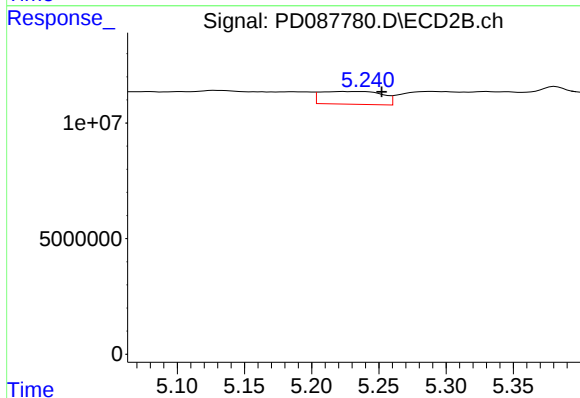
R.T.: 4.889 min
Delta R.T.: 0.011 min
Response: 1815258
Conc: 0.11 ng/ml



#9 Endosulfan I

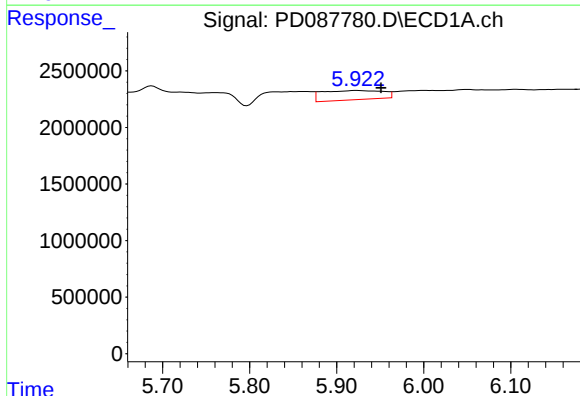
R.T.: 6.106 min
Delta R.T.: 0.026 min
Response: 404216
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



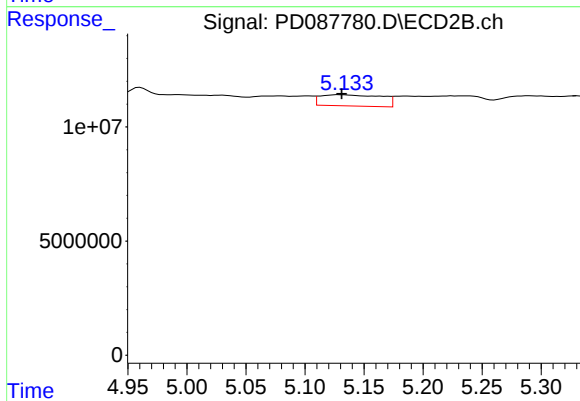
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: -0.014 min
Response: 17631809
Conc: 1.18 ng/ml



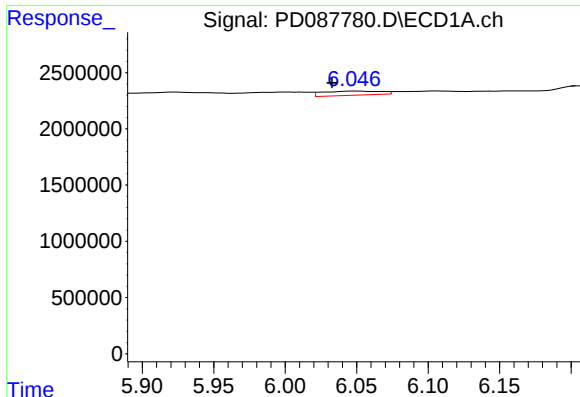
#10 gamma-Chlordane

R.T.: 5.923 min
Delta R.T.: -0.028 min
Response: 3969992
Conc: 1.20 ng/ml



#10 gamma-Chlordane

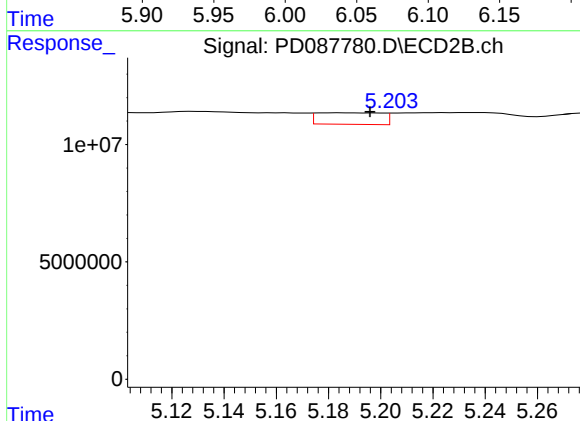
R.T.: 5.128 min
Delta R.T.: -0.003 min
Response: 17709528
Conc: 1.09 ng/ml



#11 alpha-Chlordane

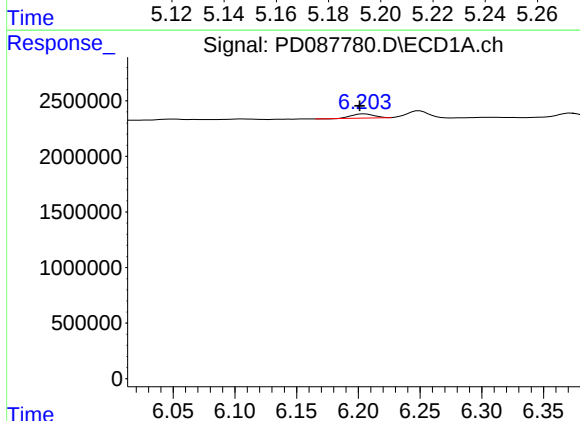
R.T.: 6.049 min
Delta R.T.: 0.016 min
Response: 1039110
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



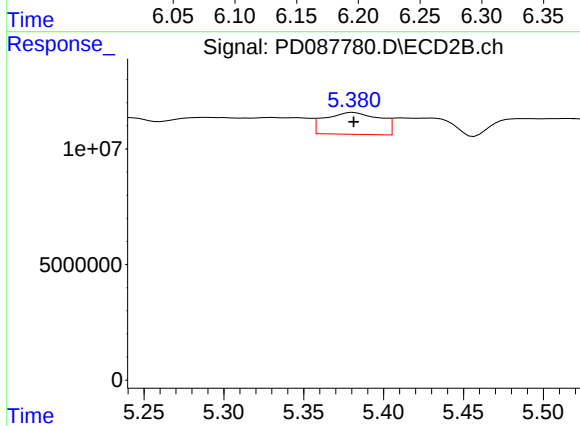
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: -0.010 min
Response: 8523452
Conc: 0.53 ng/ml



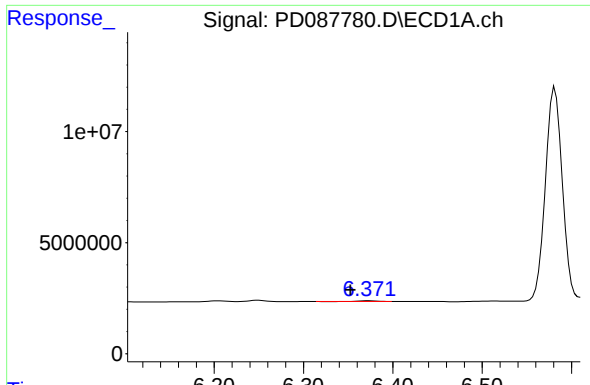
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.004 min
Response: 477994
Conc: 0.16 ng/ml



#12 4,4'-DDE

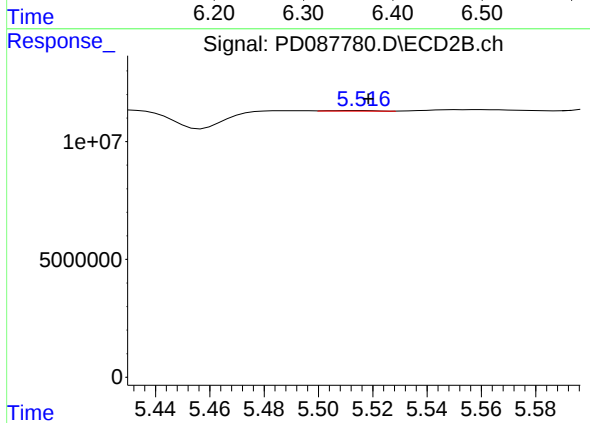
R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 22548658
Conc: 1.43 ng/ml



#13 Dieldrin

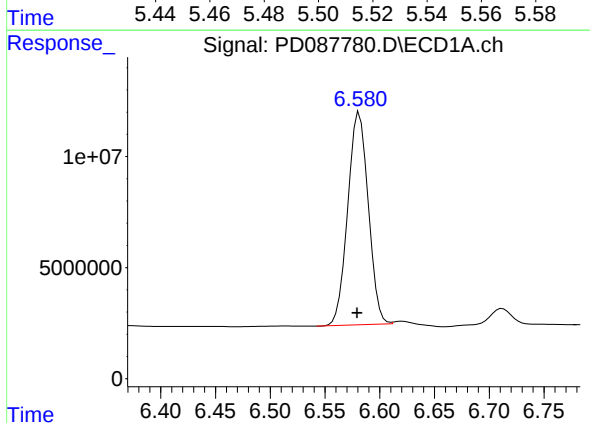
R.T.: 6.372 min
Delta R.T.: 0.020 min
Response: 425014
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



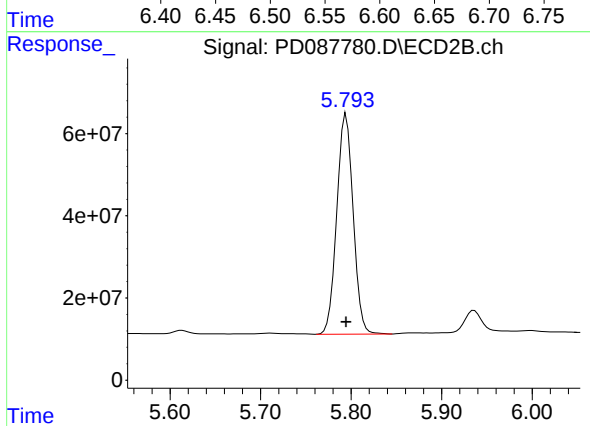
#13 Dieldrin

R.T.: 5.517 min
Delta R.T.: -0.001 min
Response: 273187
Conc: 0.02 ng/ml



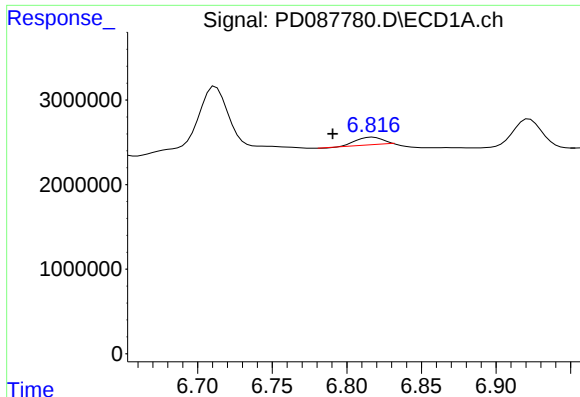
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.002 min
Response: 124882896
Conc: 43.09 ng/ml



#14 Endrin

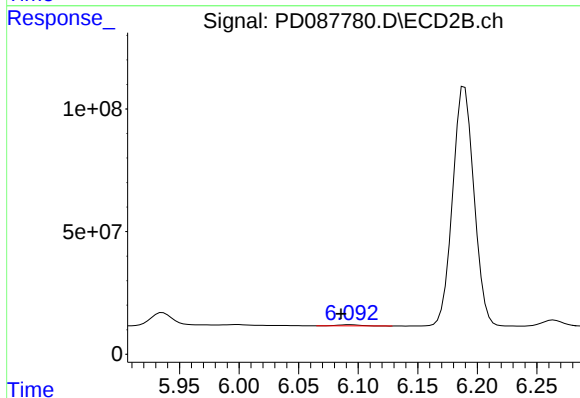
R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 673691179
Conc: 45.23 ng/ml



#15 Endosulfan II

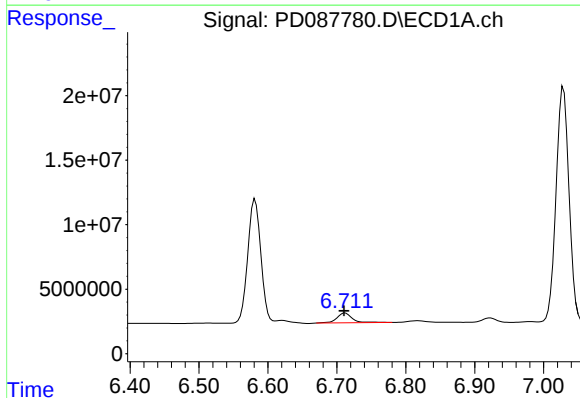
R.T.: 6.817 min
Delta R.T.: 0.027 min
Response: 1149604
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



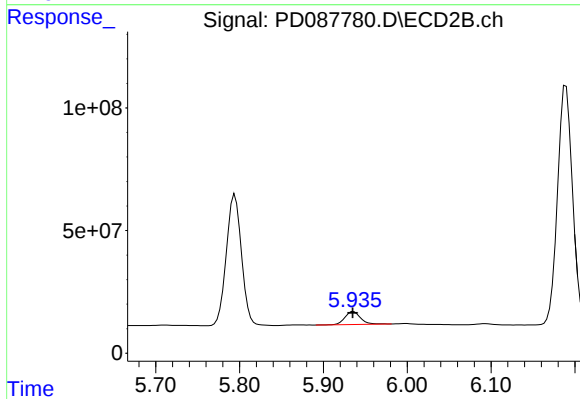
#15 Endosulfan II

R.T.: 6.094 min
Delta R.T.: 0.008 min
Response: 6021531
Conc: 0.42 ng/ml



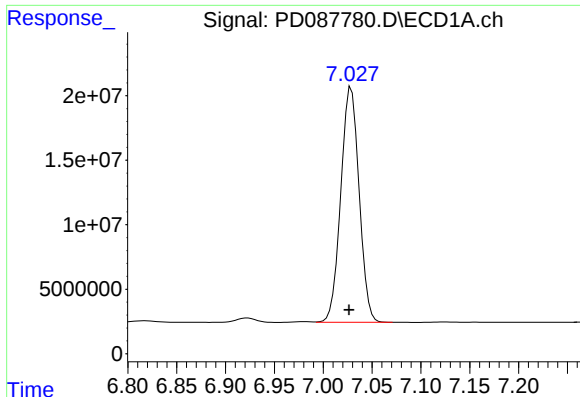
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.002 min
Response: 11689358
Conc: 4.86 ng/ml



#16 4,4'-DDD

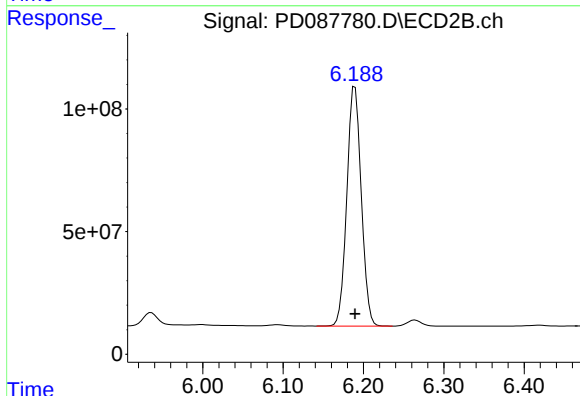
R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 68203661
Conc: 5.16 ng/ml



#17 4,4'-DDT

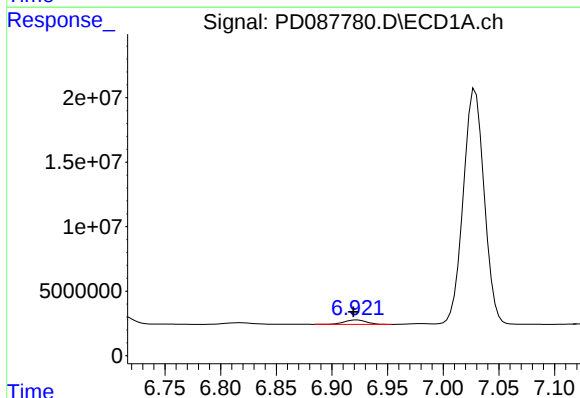
R.T.: 7.029 min
Delta R.T.: 0.002 min
Response: 238256503
Conc: 92.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



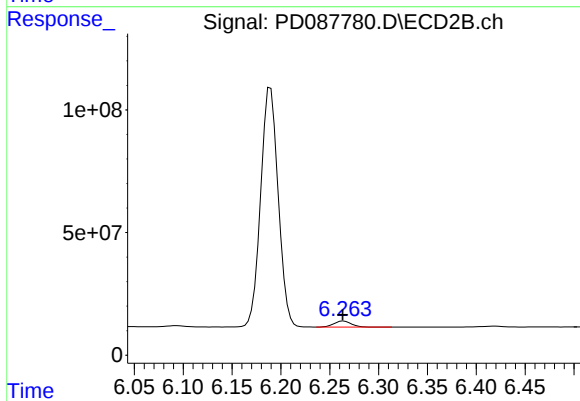
#17 4,4'-DDT

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 1218576891
Conc: 90.53 ng/ml



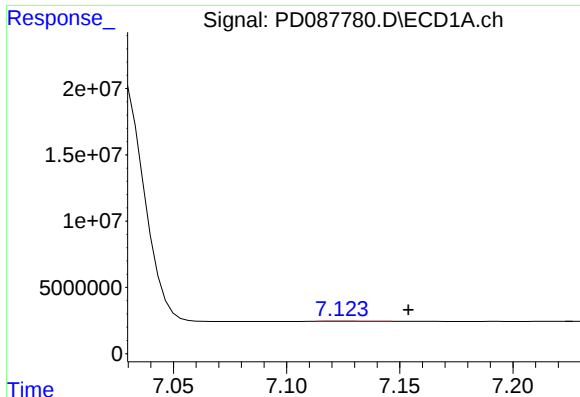
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.003 min
Response: 4642905
Conc: 2.00 ng/ml



#18 Endrin aldehyde

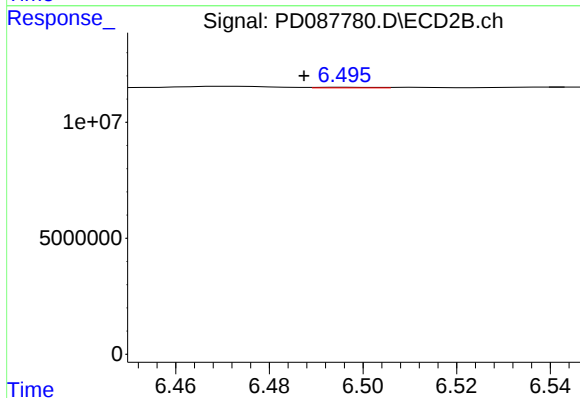
R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 30929275
Conc: 2.65 ng/ml



#19 Endosulfan Sulfate

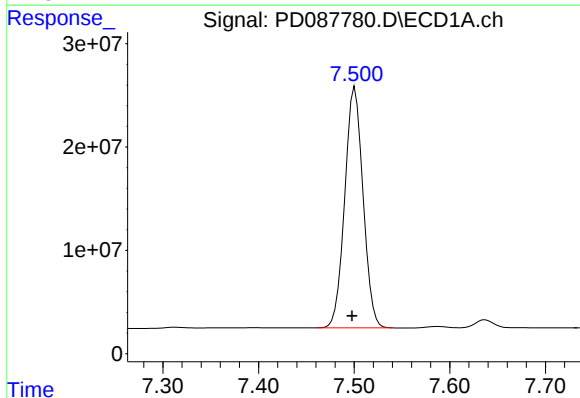
R.T.: 7.125 min
Delta R.T.: -0.029 min
Response: 161552
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



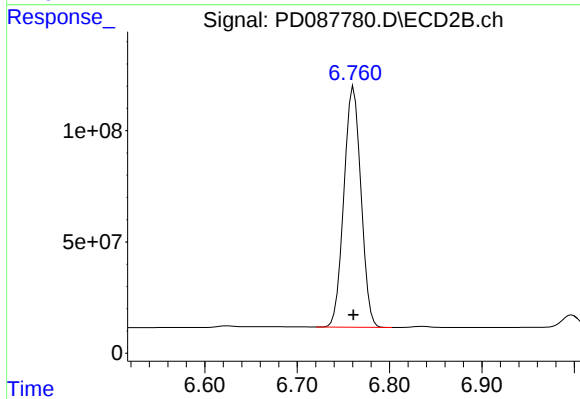
#19 Endosulfan Sulfate

R.T.: 6.497 min
Delta R.T.: 0.009 min
Response: 208636
Conc: 0.01 ng/ml



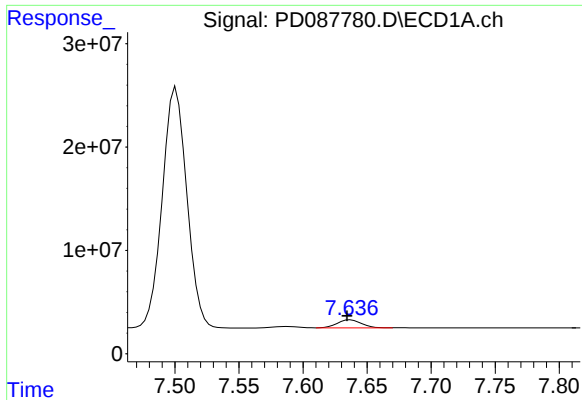
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.003 min
Response: 310813853
Conc: 211.75 ng/ml



#20 Methoxychlor

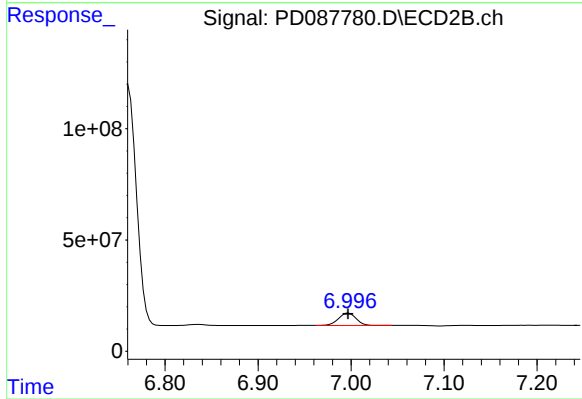
R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 1390266859
Conc: 181.91 ng/ml



#21 Endrin ketone

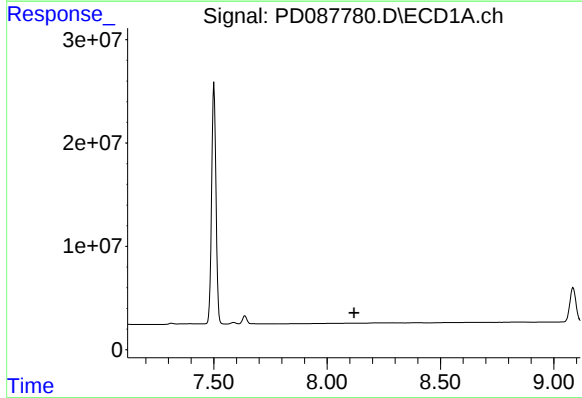
R.T.: 7.637 min
Delta R.T.: 0.003 min
Response: 10484825
Conc: 3.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



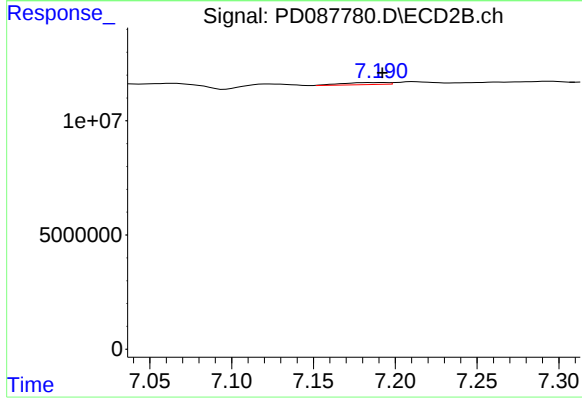
#21 Endrin ketone

R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: 73879208
Conc: 4.73 ng/ml



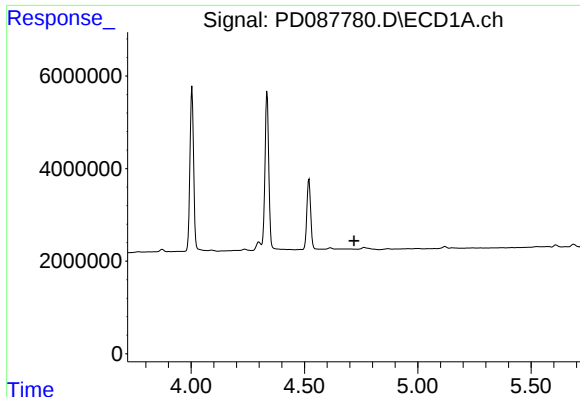
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.119 min
Response: 0
Conc: N.D.



#22 Mirex

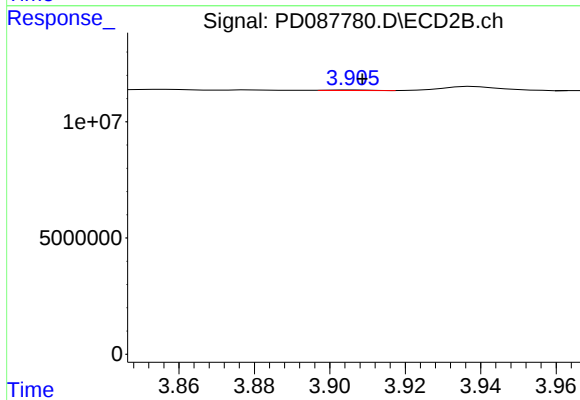
R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 1715198
Conc: 0.14 ng/ml



#23 Chlordane-1

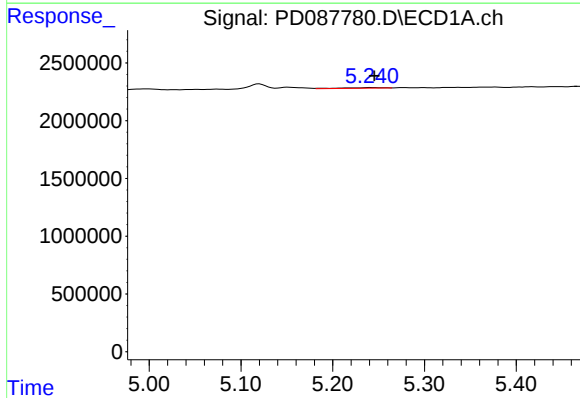
R.T.: 0.000 min
Exp R.T.: 4.720 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



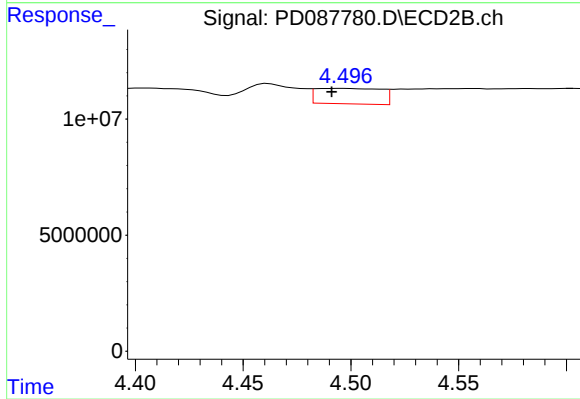
#23 Chlordane-1

R.T.: 3.906 min
Delta R.T.: -0.002 min
Response: 141441
Conc: 0.25 ng/ml



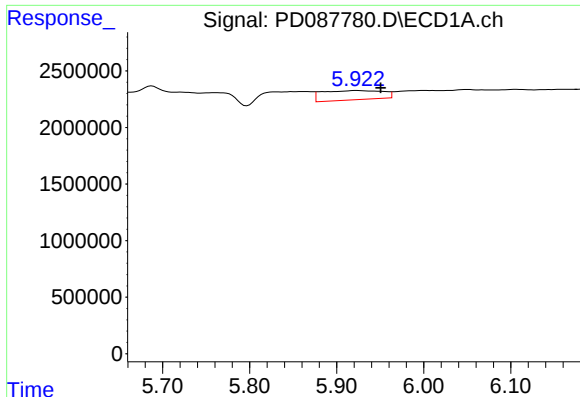
#24 Chlordane-2

R.T.: 5.241 min
Delta R.T.: -0.004 min
Response: 147503
Conc: 1.09 ng/ml



#24 Chlordane-2

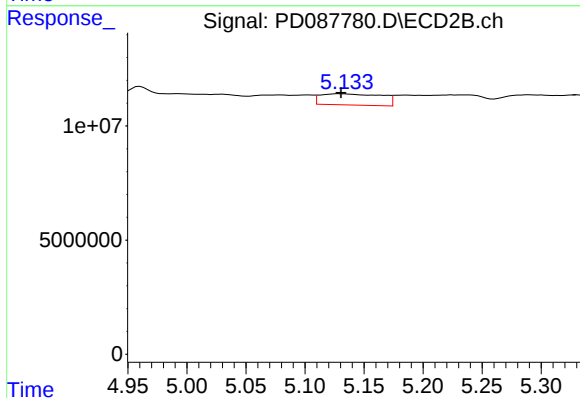
R.T.: 4.497 min
Delta R.T.: 0.006 min
Response: 13904661
Conc: 23.53 ng/ml



#25 Chlordane-3

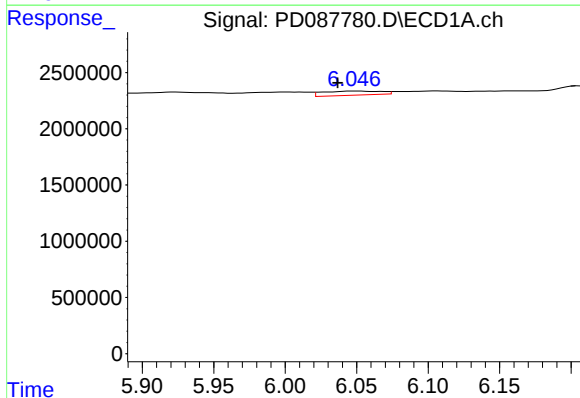
R.T.: 5.923 min
Delta R.T.: -0.028 min
Response: 3969992
Conc: 7.90 ng/ml

Instrument :
ECD_D
ClientSampleId :



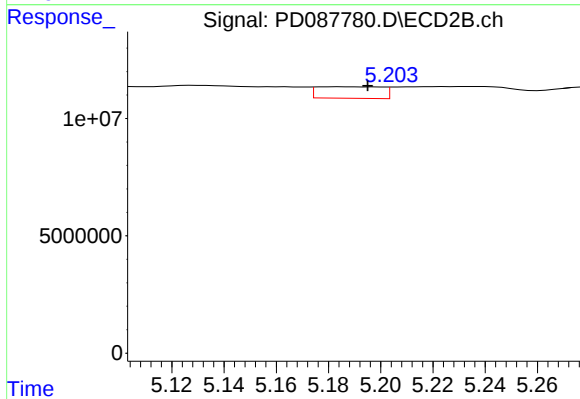
#25 Chlordane-3

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 17709528
Conc: 10.15 ng/ml



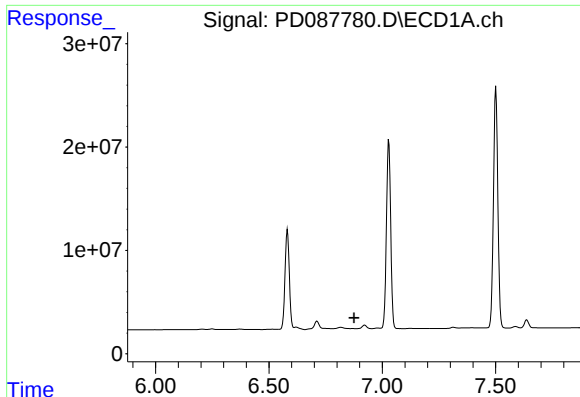
#26 Chlordane-4

R.T.: 6.049 min
Delta R.T.: 0.012 min
Response: 1039110
Conc: 1.71 ng/ml



#26 Chlordane-4

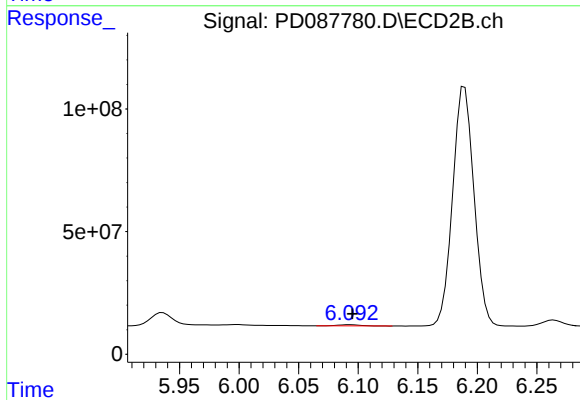
R.T.: 5.186 min
Delta R.T.: -0.009 min
Response: 8523452
Conc: 5.78 ng/ml



#27 Chlordane-5

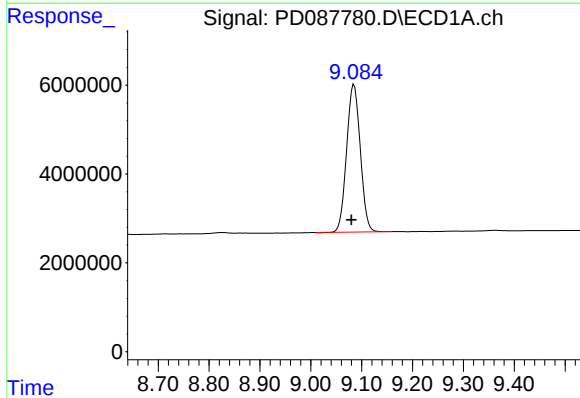
R.T.: 0.000 min
Exp R.T.: 6.876 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



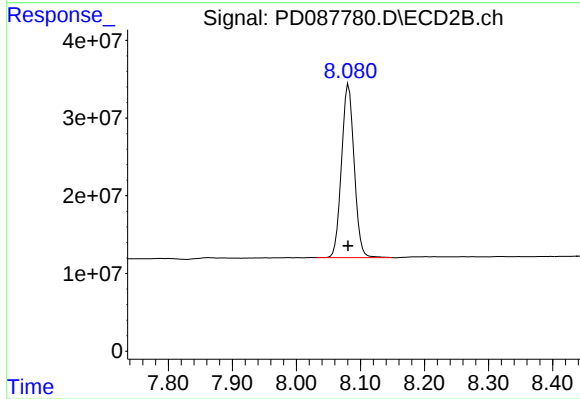
#27 Chlordane-5

R.T.: 6.094 min
Delta R.T.: -0.002 min
Response: 6021531
Conc: 9.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.005 min
Response: 62113161
Conc: 20.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: 0.000 min
Response: 305779708
Conc: 21.64 ng/ml