

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051425\
 Data File : PD088544.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 09:30
 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: May 15 02:37:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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...	3.551	2.882	48704054	331.4E6	24.384	22.667
28)	SA Decachlor...	9.073	8.074	78530729	385.4E6	23.739	20.855
Target Compounds							
2)	A alpha-BHC	4.000	3.394	48374990	269.2E6	11.219	11.776
3)	MA gamma-BHC...	4.331	3.730	48762447	253.0E6	11.645	11.746
4)	MA Heptachlor	4.929	4.082	433586	1139955	0.107	0.053 #
5)	MB Aldrin	5.254f	4.364	286141	6668715	0.072	0.321 #
6)	B beta-BHC	4.516	4.026	20635955	110.8E6	12.712	11.969
7)	B delta-BHC	4.778	4.258	3229010	59929	0.783	0.003 #
8)	B Heptachlo...	5.682	4.892f	723670	208029	0.202	0.011 #
9)	A Endosulfan I	6.100f	5.230f	351413	6347685	0.104	0.352 #
10)	B gamma-Chl...	5.948	5.128	4014695	9173111	1.108	0.452 #
11)	B alpha-Chl...	6.035	5.190	5993378	13187313	1.660	0.673 #
12)	B 4,4'-DDE	6.197	5.378	197445	14102663	0.060	0.716 #
13)	MA Dieldrin	6.368f	5.515	406048	206447	0.114	0.010 #
14)	MA Endrin	6.575	5.790	178.7E6	934.0E6	59.931	51.313
15)	B Endosulfa...	6.771f	6.088	2483210	2583565	0.794	0.147 #
16)	A 4,4'-DDD	6.705	5.930	7844588	46333472	3.119	2.828
17)	MA 4,4'-DDT	7.022	6.184	328.5E6	1683.8E6	118.287	98.949
18)	B Endrin al...	6.917	6.259	1504705	14615685	0.652	1.099 #
20)	A Methoxychlor	7.494	6.755	401.8E6	1800.6E6	267.924	197.414 #
21)	B Endrin ke...	7.631	6.992	3790906	35745322	1.228	1.911 #
22)	Mirex	8.121	7.179	49303	3969855	0.021	0.268 #
23)	Chlordane-1	0.000	3.901	0	990663	N.D.	1.236 #
24)	Chlordane-2	5.254	4.491	286141	36968881	1.718	44.794 #
25)	Chlordane-3	5.948	5.128	4014695	9173111	5.952	3.627 #
26)	Chlordane-4	6.035	5.190	5993378	13187313	7.351	6.168
27)	Chlordane-5	6.871	6.088	308471	2583565	2.270	2.676

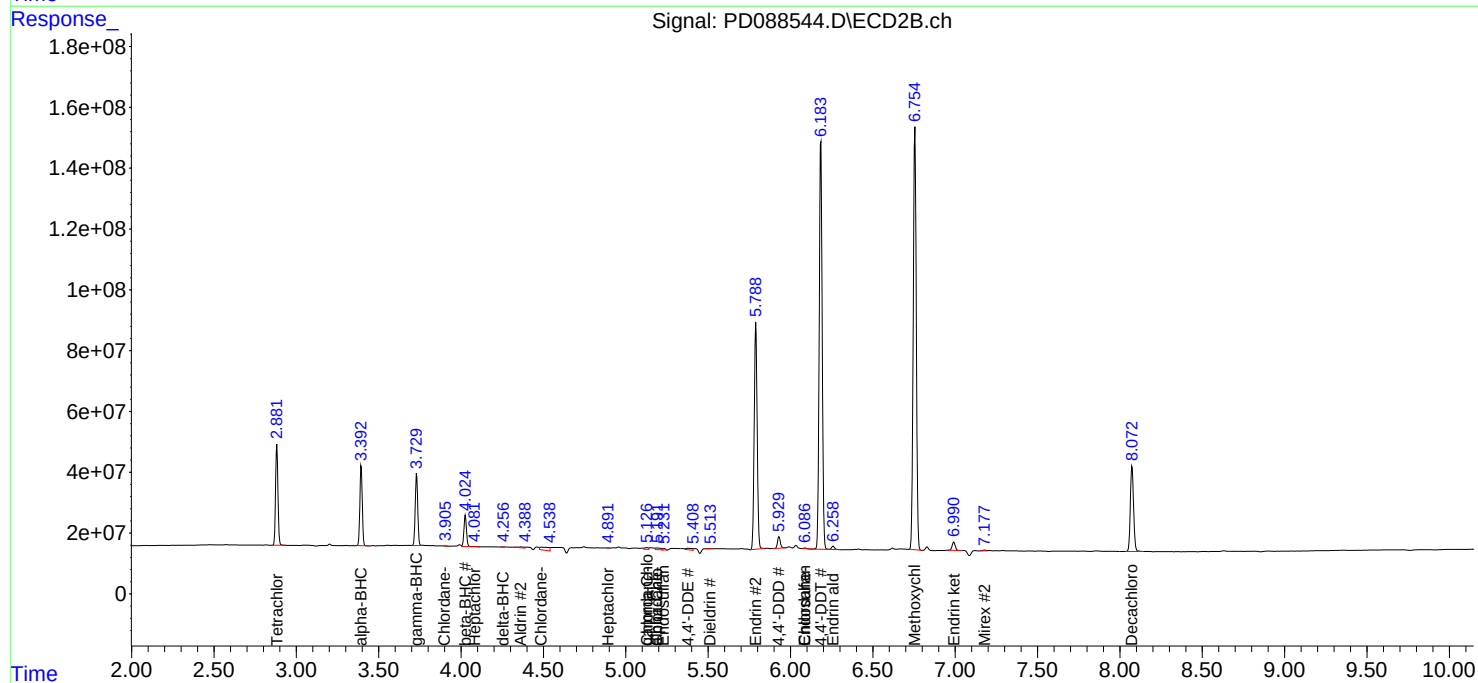
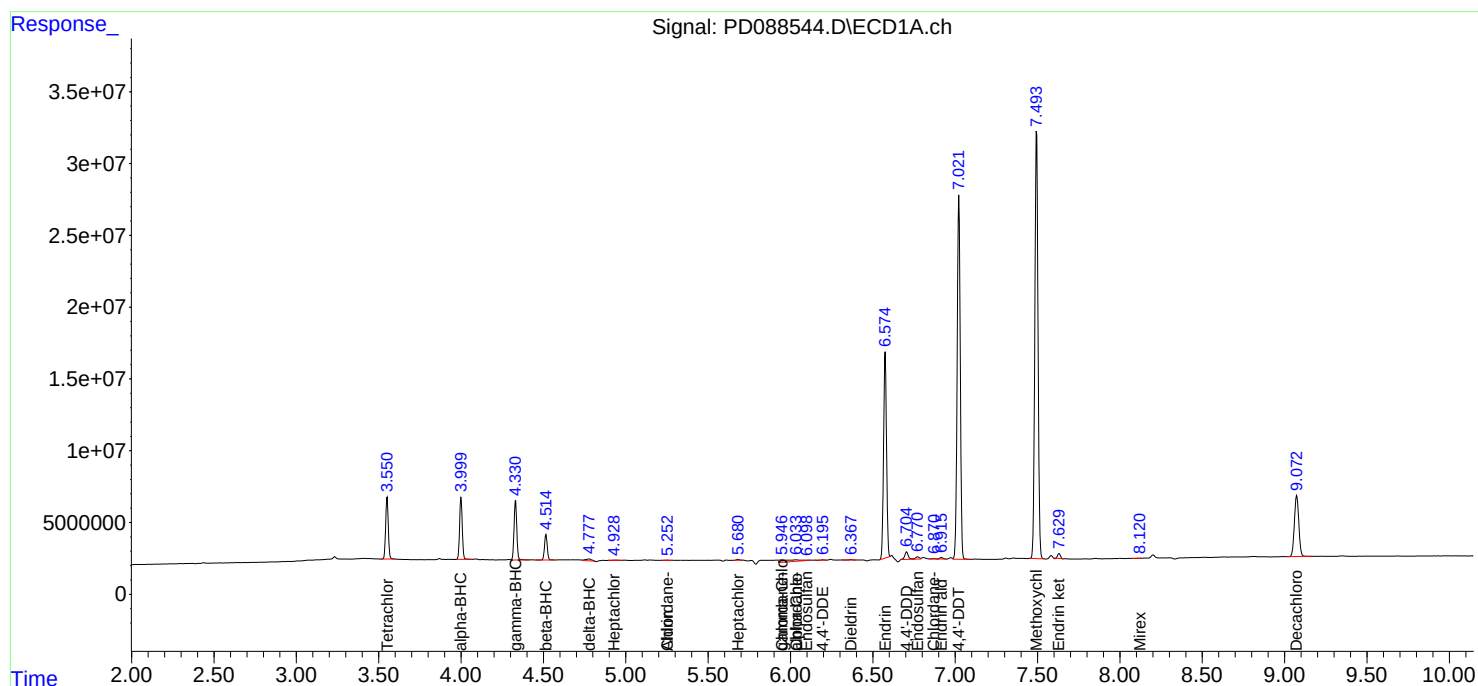
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

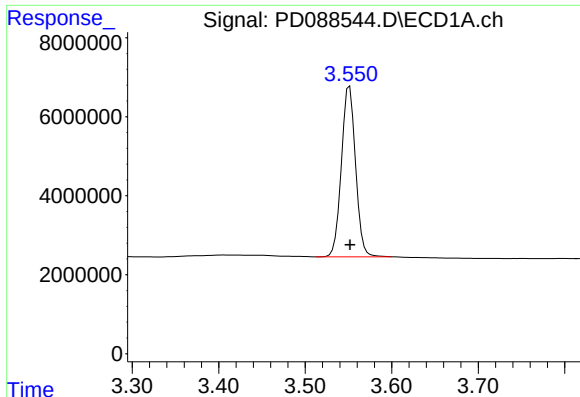
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051425\
Data File : PD088544.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2025 09:30
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 02:37:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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

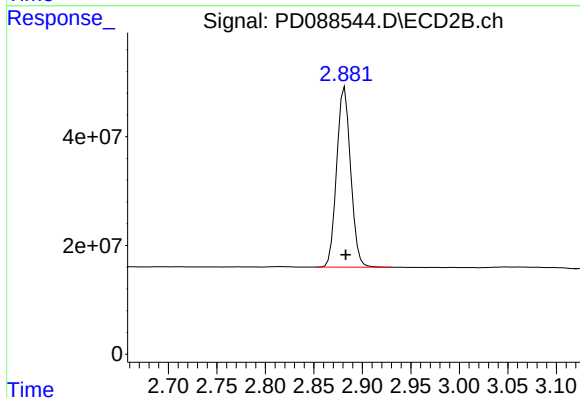




#1 Tetrachloro-m-xylene

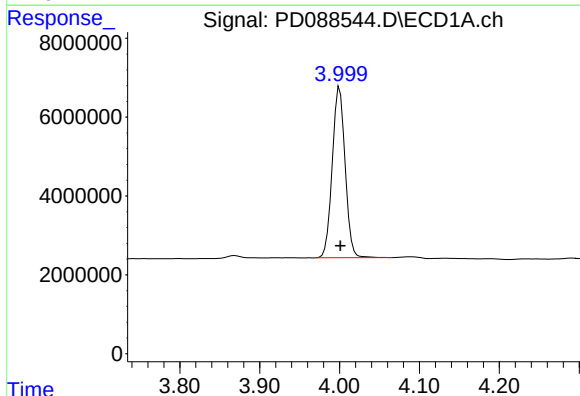
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 48704054
Conc: 24.38 ng/ml

Instrument :
ECD_D
ClientSampleId :



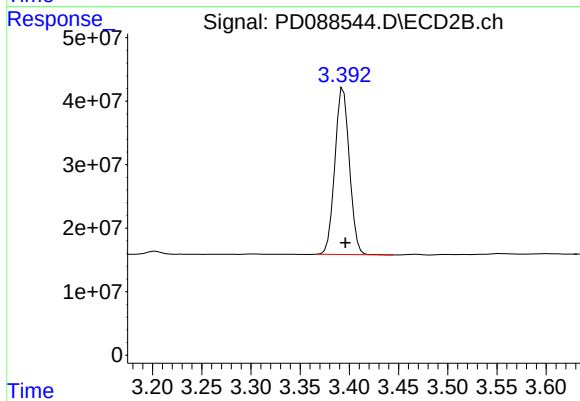
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 331426402
Conc: 22.67 ng/ml



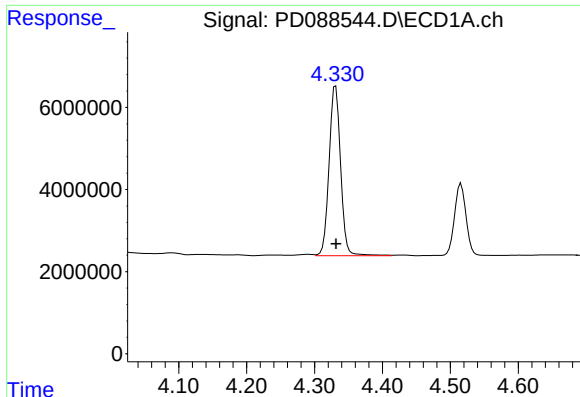
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 48374990
Conc: 11.22 ng/ml



#2 alpha-BHC

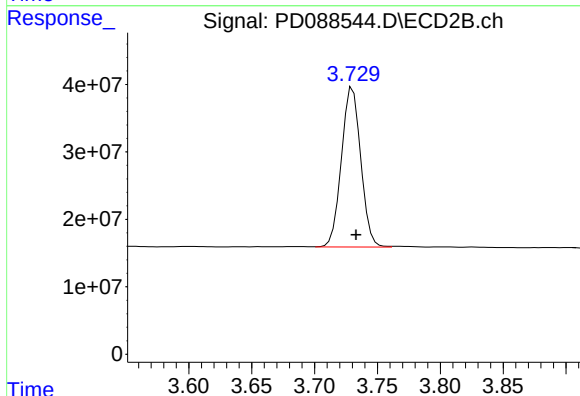
R.T.: 3.394 min
Delta R.T.: -0.002 min
Response: 269225574
Conc: 11.78 ng/ml



#3 gamma-BHC (Lindane)

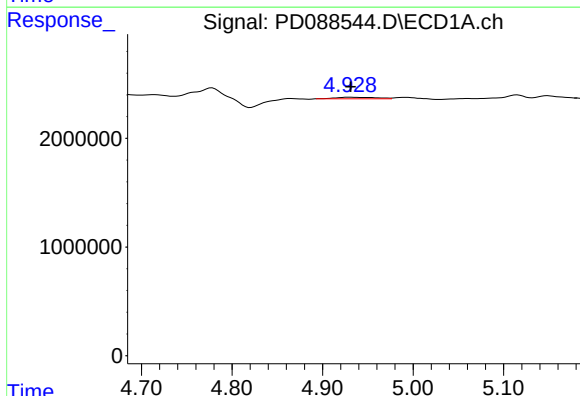
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 48762447
Conc: 11.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



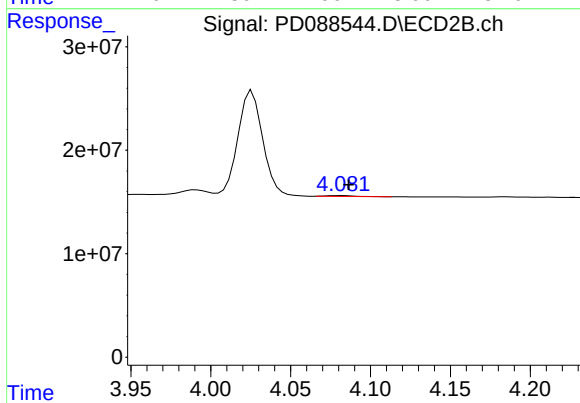
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: -0.003 min
Response: 252985596
Conc: 11.75 ng/ml



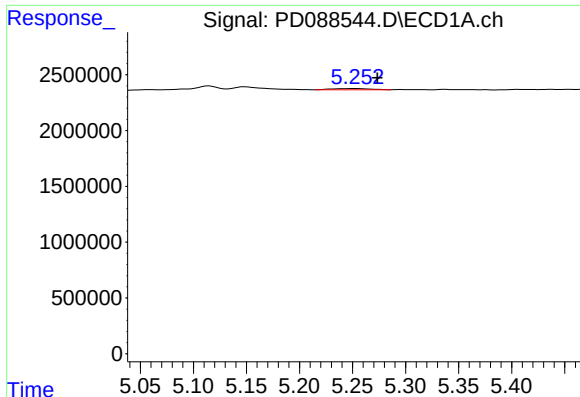
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: -0.002 min
Response: 433586
Conc: 0.11 ng/ml



#4 Heptachlor

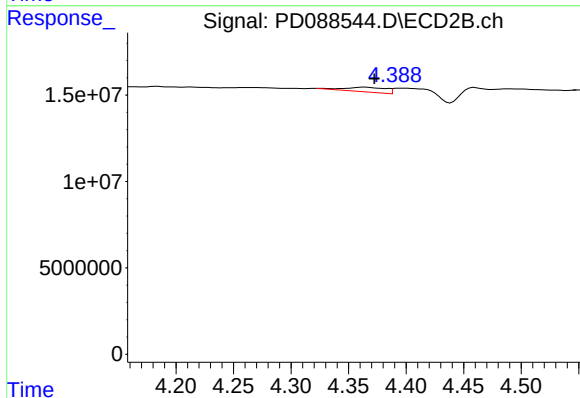
R.T.: 4.082 min
Delta R.T.: -0.004 min
Response: 1139955
Conc: 0.05 ng/ml



#5 Aldrin

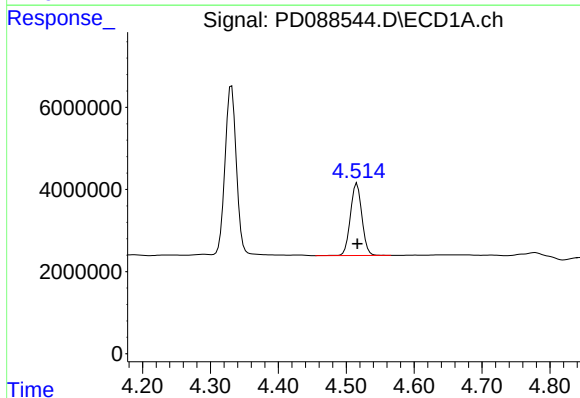
R.T.: 5.254 min
Delta R.T.: -0.020 min
Response: 286141
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



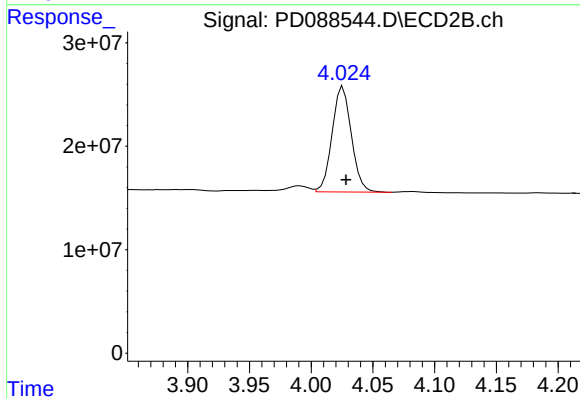
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: -0.009 min
Response: 6668715
Conc: 0.32 ng/ml



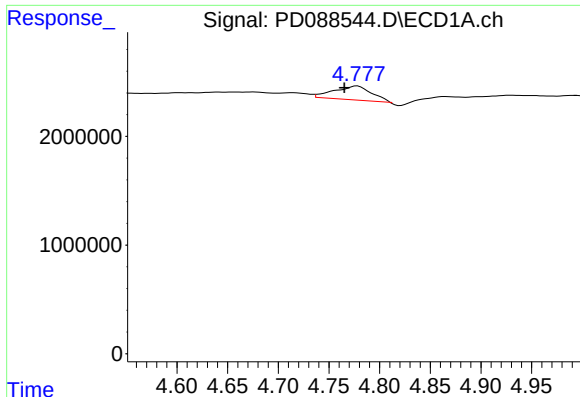
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 20635955
Conc: 12.71 ng/ml



#6 beta-BHC

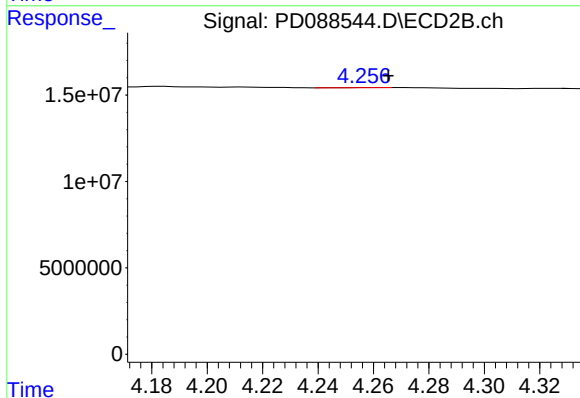
R.T.: 4.026 min
Delta R.T.: -0.002 min
Response: 110765372
Conc: 11.97 ng/ml



#7 delta-BHC

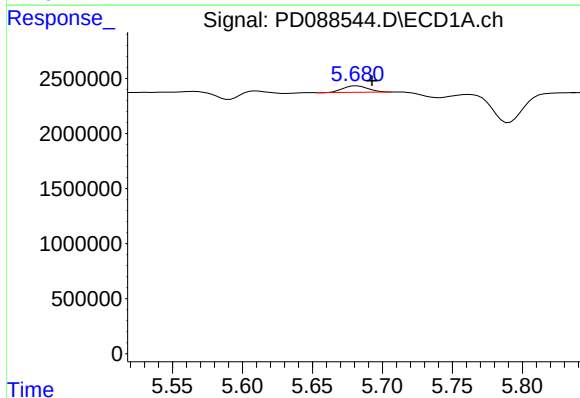
R.T.: 4.778 min
Delta R.T.: 0.013 min
Response: 3229010
Conc: 0.78 ng/ml

Instrument :
ECD_D
ClientSampleId :



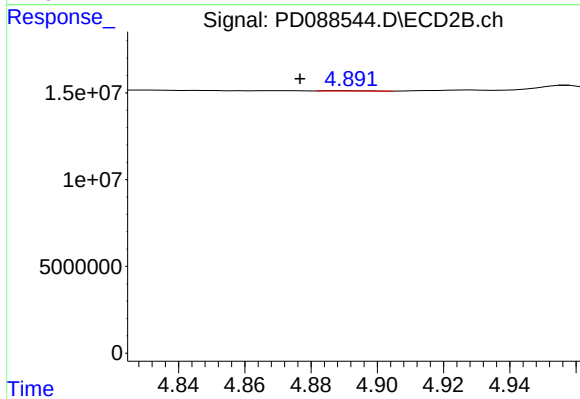
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: -0.008 min
Response: 59929
Conc: 0.00 ng/ml



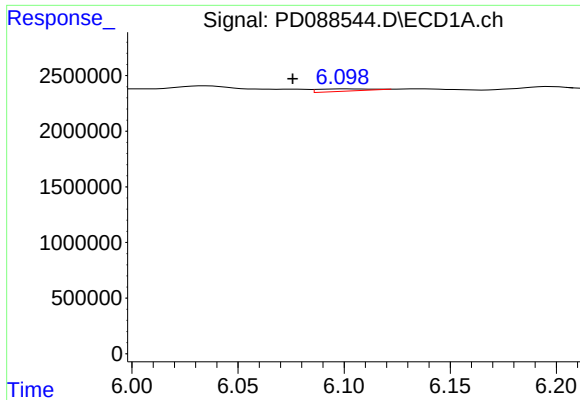
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.011 min
Response: 723670
Conc: 0.20 ng/ml



#8 Heptachlor epoxide

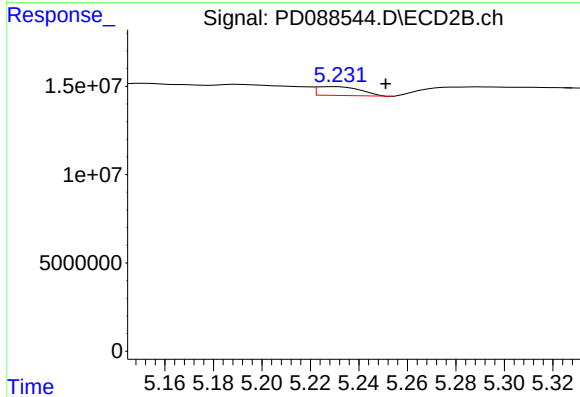
R.T.: 4.892 min
Delta R.T.: 0.015 min
Response: 208029
Conc: 0.01 ng/ml



#9 Endosulfan I

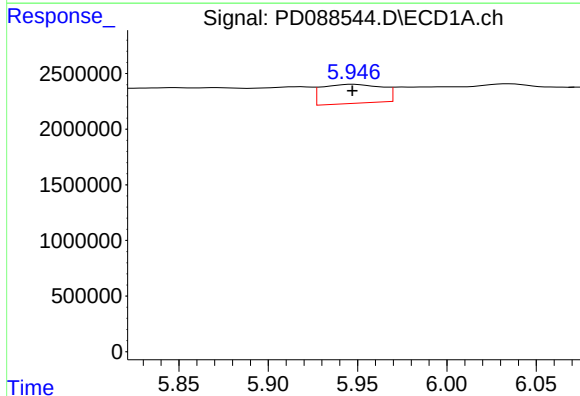
R.T.: 6.100 min
Delta R.T.: 0.024 min
Response: 351413
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



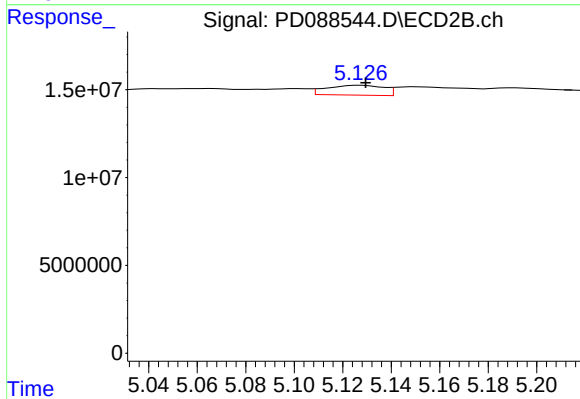
#9 Endosulfan I

R.T.: 5.230 min
Delta R.T.: -0.021 min
Response: 6347685
Conc: 0.35 ng/ml



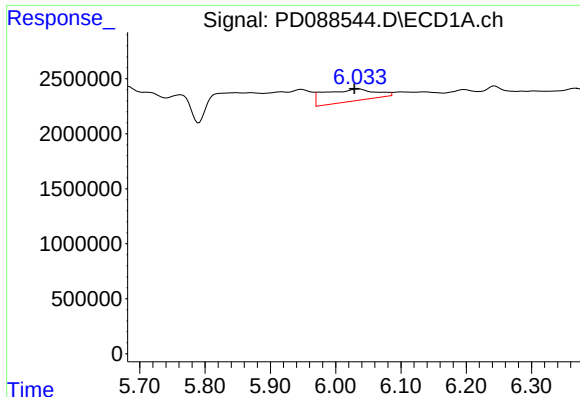
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 4014695
Conc: 1.11 ng/ml



#10 gamma-Chlordane

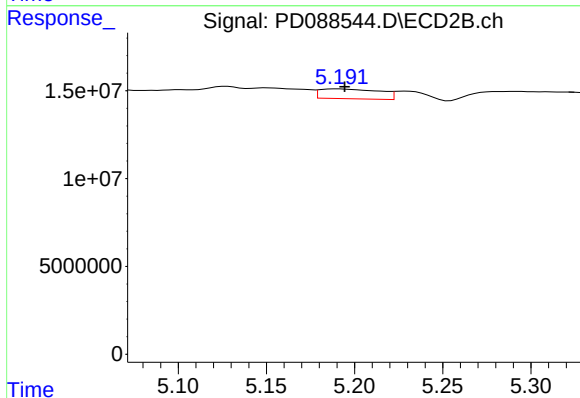
R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 9173111
Conc: 0.45 ng/ml



#11 alpha-Chlordane

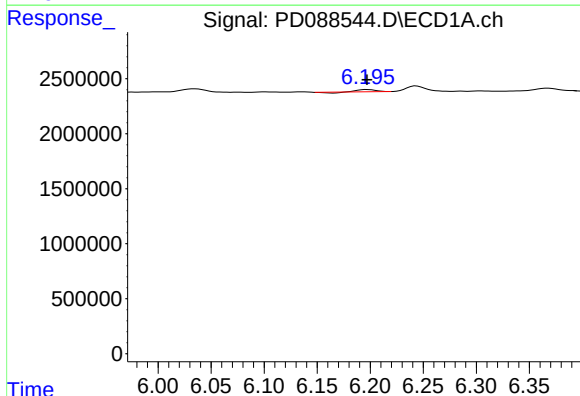
R.T.: 6.035 min
Delta R.T.: 0.006 min
Response: 5993378
Conc: 1.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



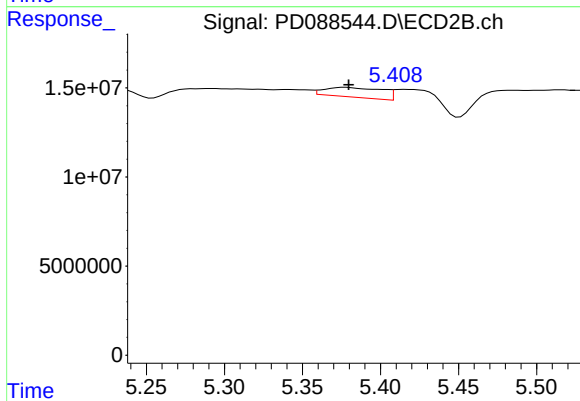
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: -0.004 min
Response: 13187313
Conc: 0.67 ng/ml



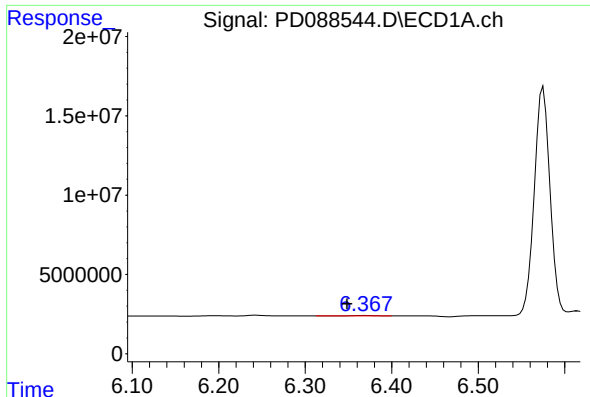
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 197445
Conc: 0.06 ng/ml



#12 4,4'-DDE

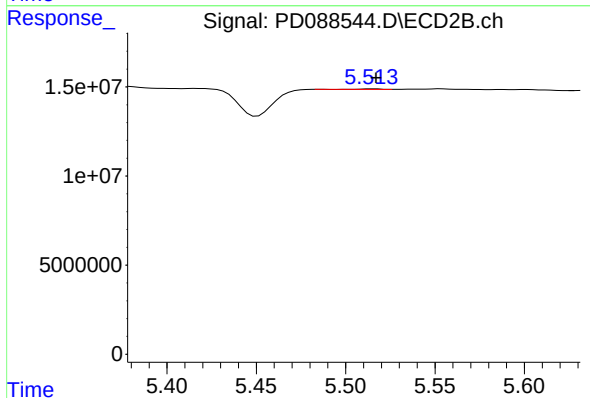
R.T.: 5.378 min
Delta R.T.: -0.001 min
Response: 14102663
Conc: 0.72 ng/ml



#13 Dieldrin

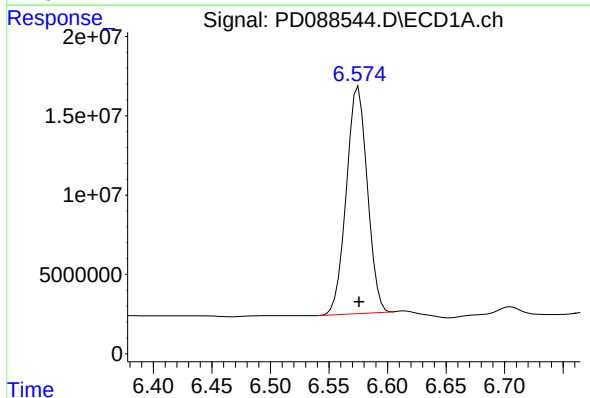
R.T.: 6.368 min
Delta R.T.: 0.020 min
Response: 406048
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



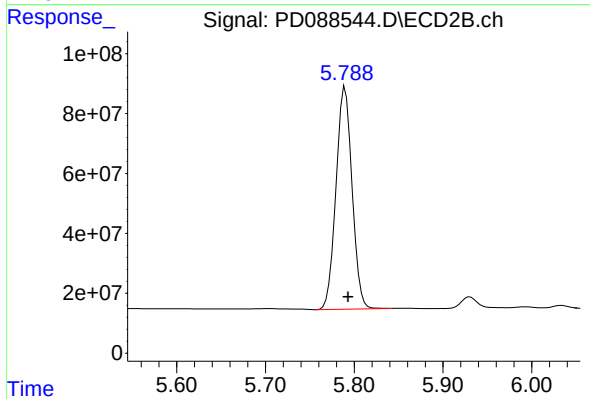
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 206447
Conc: 0.01 ng/ml



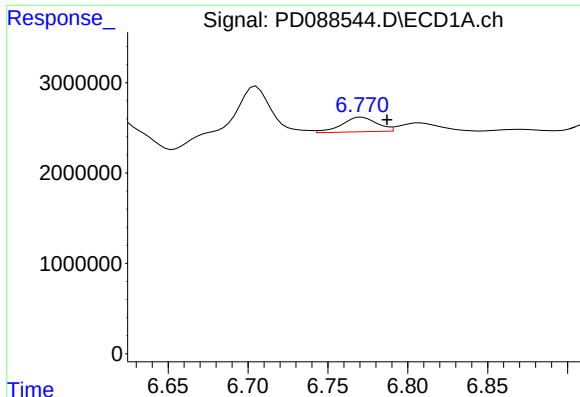
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 178749489
Conc: 59.93 ng/ml



#14 Endrin

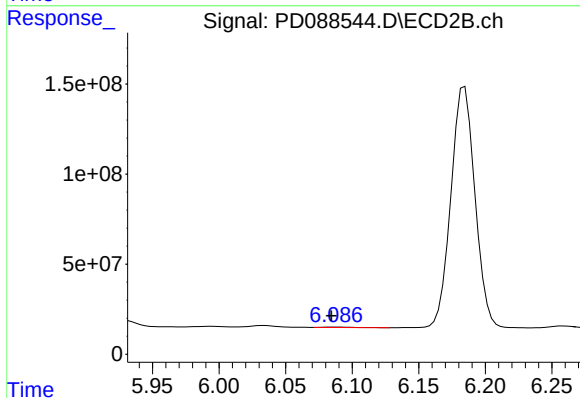
R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 934016594
Conc: 51.31 ng/ml



#15 Endosulfan II

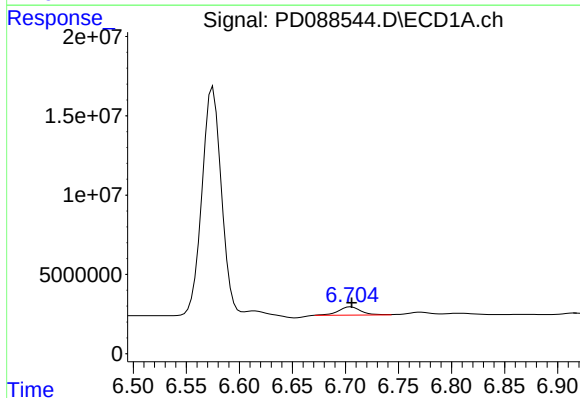
R.T.: 6.771 min
Delta R.T.: -0.016 min
Response: 2483210
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



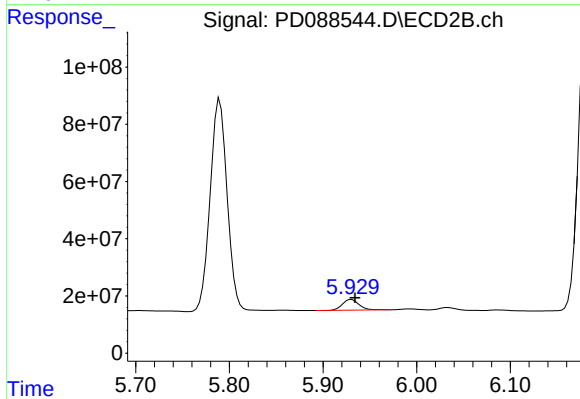
#15 Endosulfan II

R.T.: 6.088 min
Delta R.T.: 0.003 min
Response: 2583565
Conc: 0.15 ng/ml



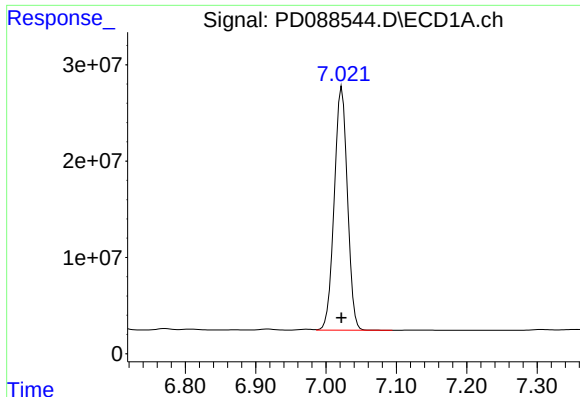
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 7844588
Conc: 3.12 ng/ml



#16 4,4'-DDD

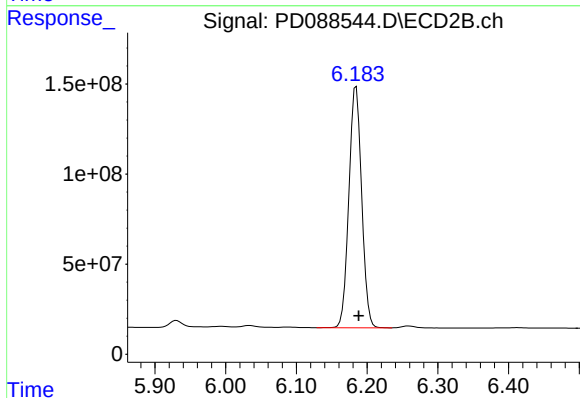
R.T.: 5.930 min
Delta R.T.: -0.004 min
Response: 46333472
Conc: 2.83 ng/ml



#17 4,4'-DDT

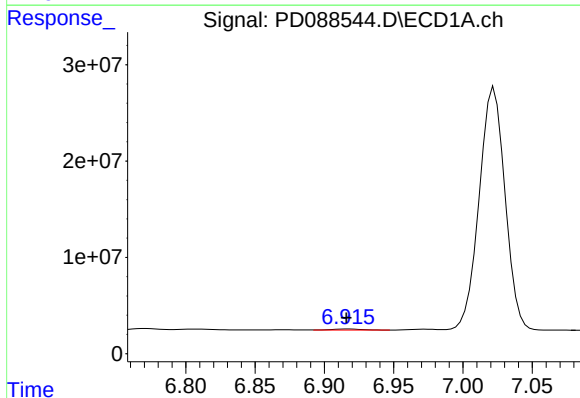
R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 328545704
Conc: 118.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



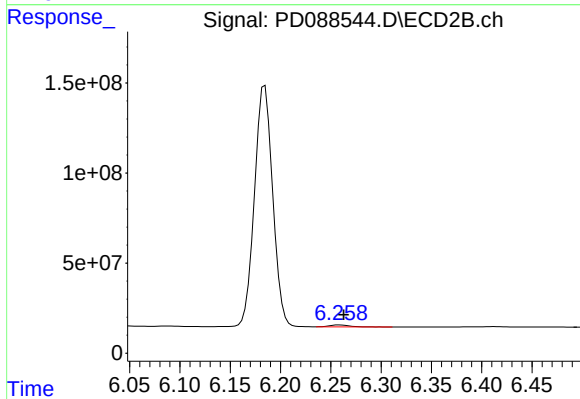
#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: -0.004 min
Response: 1683768506
Conc: 98.95 ng/ml



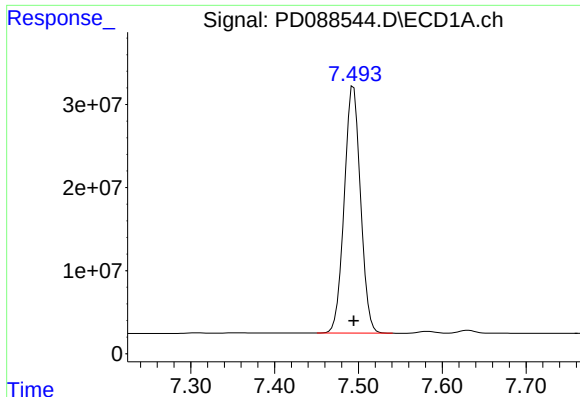
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 1504705
Conc: 0.65 ng/ml



#18 Endrin aldehyde

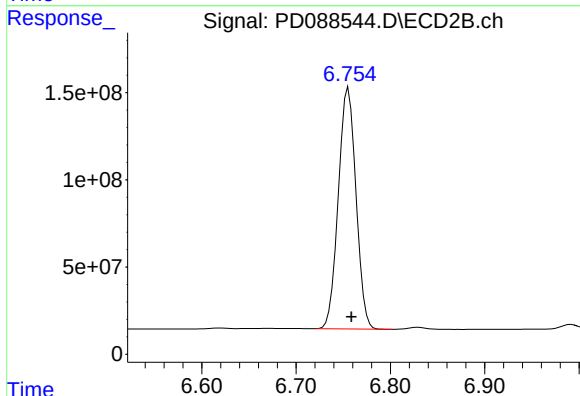
R.T.: 6.259 min
Delta R.T.: -0.004 min
Response: 14615685
Conc: 1.10 ng/ml



#20 Methoxychlor

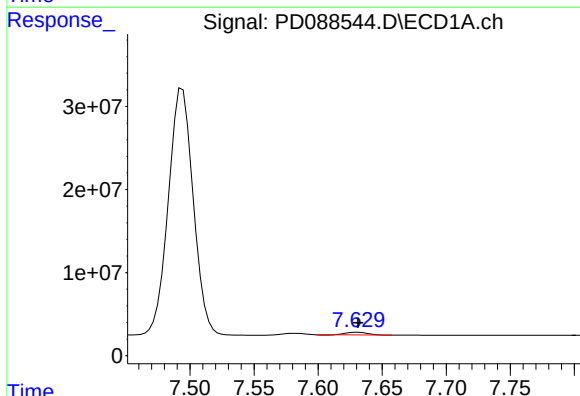
R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 401764235
Conc: 267.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



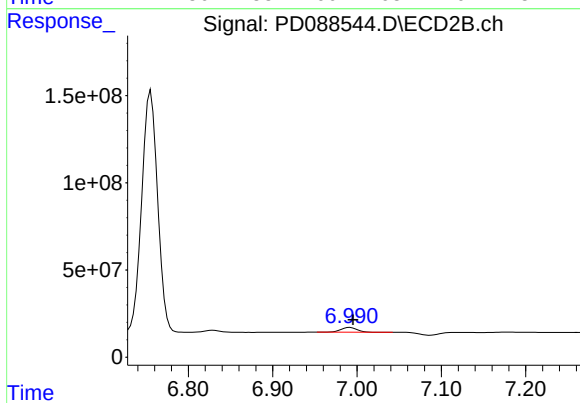
#20 Methoxychlor

R.T.: 6.755 min
Delta R.T.: -0.003 min
Response: 1800620351
Conc: 197.41 ng/ml



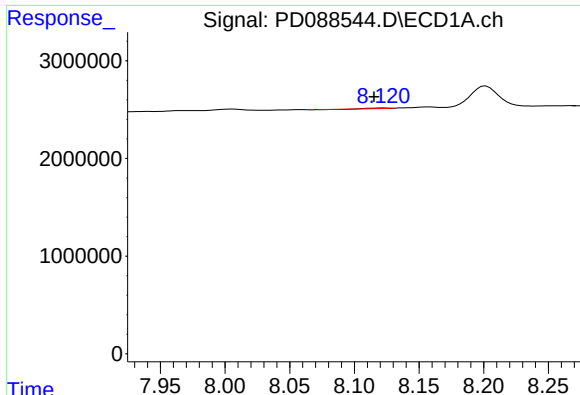
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 3790906
Conc: 1.23 ng/ml



#21 Endrin ketone

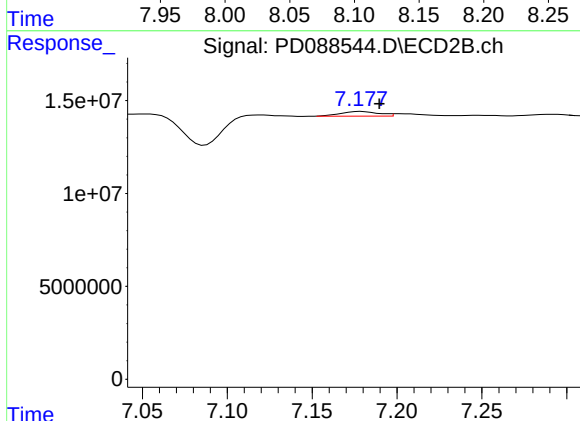
R.T.: 6.992 min
Delta R.T.: -0.004 min
Response: 35745322
Conc: 1.91 ng/ml



#22 Mirex

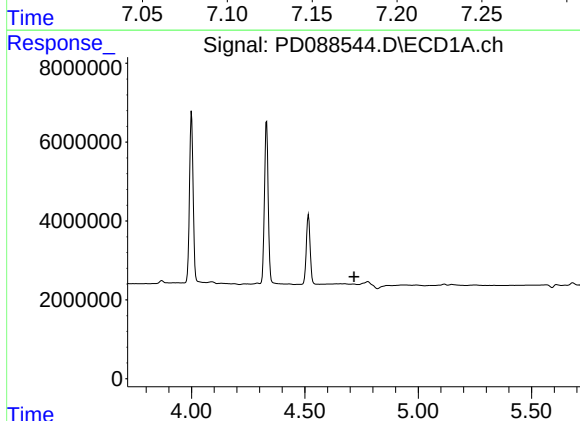
R.T.: 8.121 min
Delta R.T.: 0.006 min
Response: 49303
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



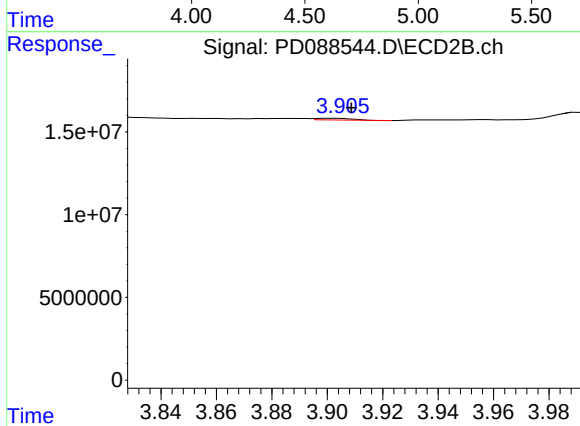
#22 Mirex

R.T.: 7.179 min
Delta R.T.: -0.011 min
Response: 3969855
Conc: 0.27 ng/ml



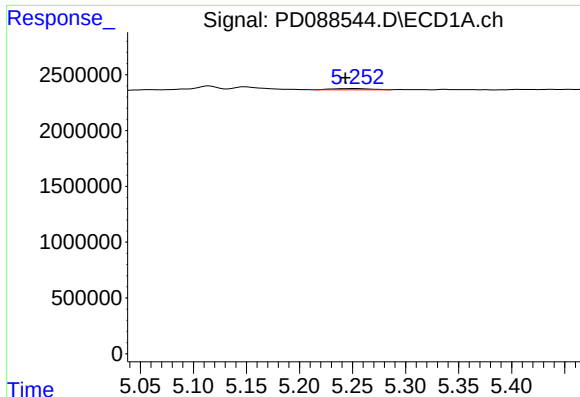
#23 Chlordane-1

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



#23 Chlordane-1

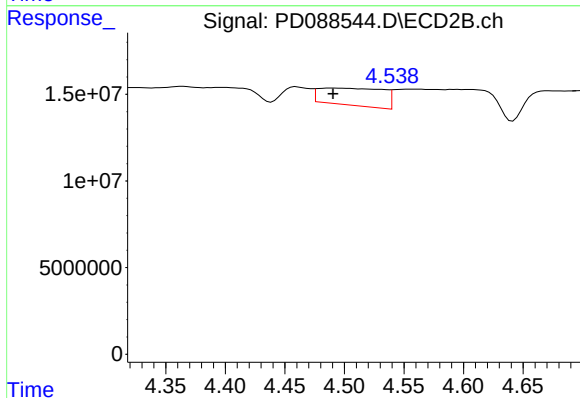
R.T.: 3.901 min
Delta R.T.: -0.007 min
Response: 990663
Conc: 1.24 ng/ml



#24 Chlordane-2

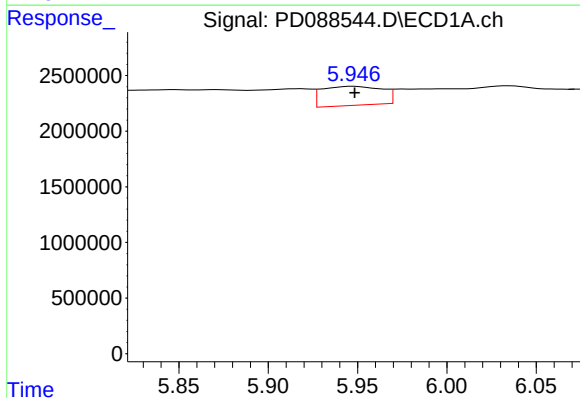
R.T.: 5.254 min
Delta R.T.: 0.010 min
Response: 286141
Conc: 1.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



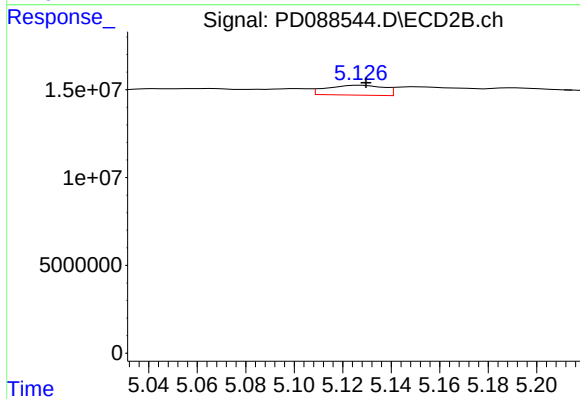
#24 Chlordane-2

R.T.: 4.491 min
Delta R.T.: 0.000 min
Response: 36968881
Conc: 44.79 ng/ml



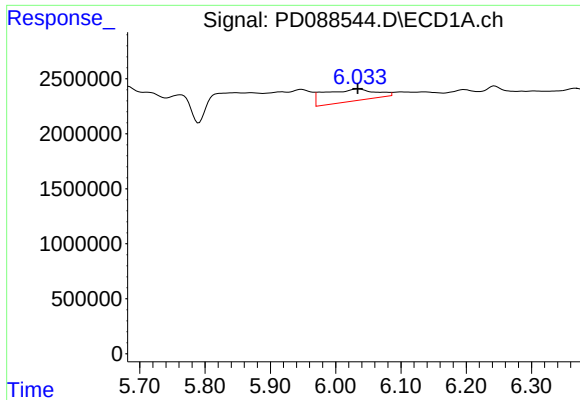
#25 Chlordane-3

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 4014695
Conc: 5.95 ng/ml



#25 Chlordane-3

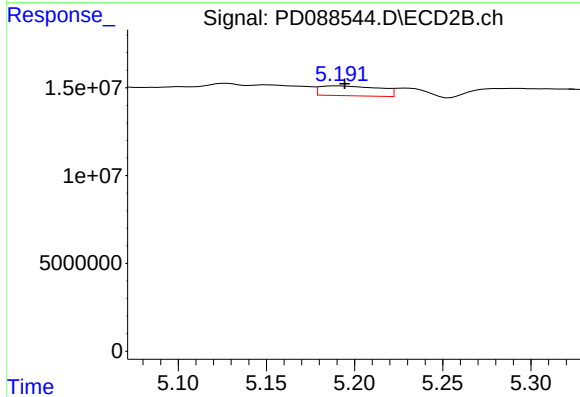
R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 9173111
Conc: 3.63 ng/ml



#26 Chlordane-4

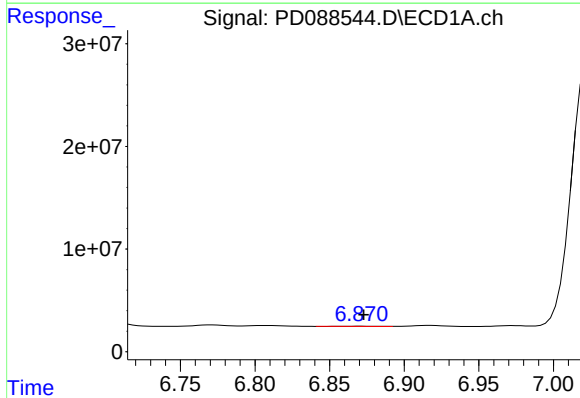
R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 5993378
Conc: 7.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



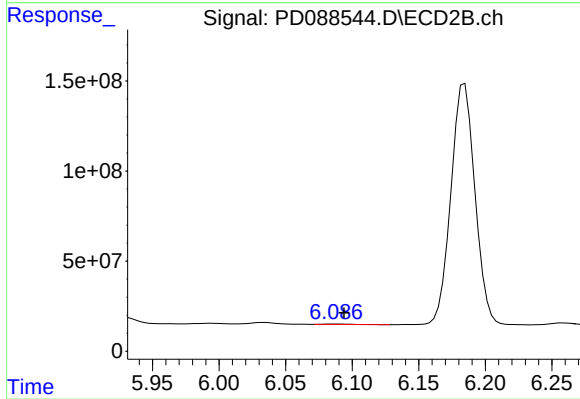
#26 Chlordane-4

R.T.: 5.190 min
Delta R.T.: -0.004 min
Response: 13187313
Conc: 6.17 ng/ml



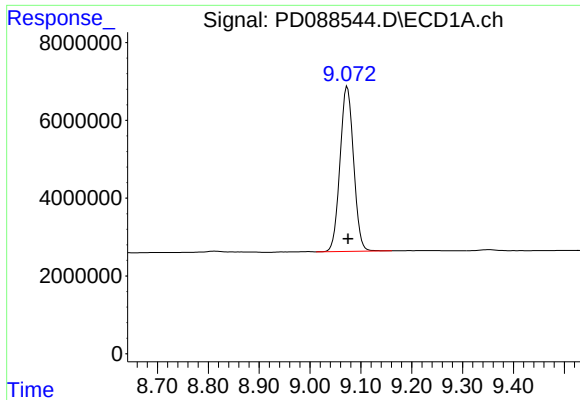
#27 Chlordane-5

R.T.: 6.871 min
Delta R.T.: -0.002 min
Response: 308471
Conc: 2.27 ng/ml



#27 Chlordane-5

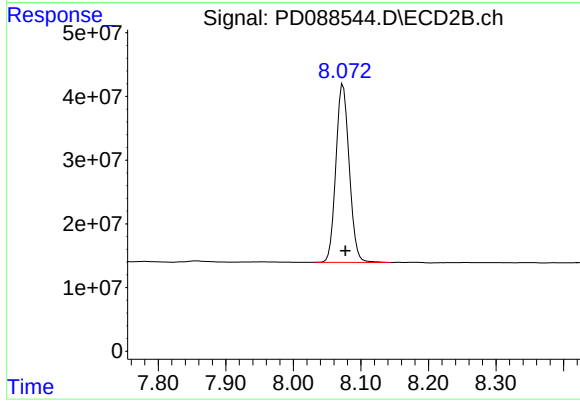
R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 2583565
Conc: 2.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.001 min
Response: 78530729
Conc: 23.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.003 min
Response: 385390255
Conc: 20.85 ng/ml