

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061325\
 Data File : PD088938.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2025 09:28
 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 13 22:32:27 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	57091825	354.7E6	26.386	23.447
2)	SA Decachlor...	9.071	8.071	82107981	433.3E6	23.992	23.732
Target Compounds							
2)	A alpha-BHC	3.997	3.391	54056728	288.0E6	11.317	12.046
3)	MA gamma-BHC...	4.329	3.728	53858289	270.1E6	11.701	12.187
4)	MA Heptachlor	4.932	4.080	436584	1658583	0.098	0.074
5)	MB Aldrin	5.252f	4.362	251970	5537886	0.057	0.253 #
6)	B beta-BHC	4.514	4.024	22939914	119.6E6	12.722	12.277
7)	B delta-BHC	4.773	4.261	1438876	1392903	0.340	0.062 #
8)	B Heptachlo...	5.679	4.876	1618822	359152	0.408	0.018 #
9)	A Endosulfan I	6.068	5.275f	80015	5947915	0.021	0.313 #
10)	B gamma-Chl...	5.941	5.125	413783	19193270	0.104	0.900 #
11)	B alpha-Chl...	6.032	5.188	1180730	19339240	0.295	0.938 #
12)	B 4,4'-DDE	6.195	5.376	435882	24621628	0.121	1.178 #
13)	MA Dieldrin	6.366f	5.509	1042260	433726	0.260	0.021 #
14)	MA Endrin	6.573	5.788	200.7E6	1010.5E6	58.757	52.399
15)	B Endosulfa...	6.771f	6.086	816747	4877374	0.237	0.266
16)	A 4,4'-DDD	6.704	5.929	10778960	68219837	3.870	3.922
17)	MA 4,4'-DDT	7.020	6.183	352.9E6	1828.2E6	113.024	100.797
18)	B Endrin al...	6.915	6.257	1637440	15201526	0.636	1.091 #
19)	B Endosulfa...	0.000	6.466f	0	3308319	N.D.	0.186 #
20)	A Methoxychlor	7.492	6.753	427.3E6	1889.2E6	255.758	197.314
21)	B Endrin ke...	7.629	6.990	5552468	46304778	1.622	2.393 #
22)	Mirex	8.122	7.200	259971	2180644	0.100	0.143 #
23)	Chlordane-1	0.000	3.898	0	1475435	N.D.	1.786 #
24)	Chlordane-2	5.252	4.483	251970	9357216	1.373	11.087 #
25)	Chlordane-3	5.941	5.125	413783	19193270	0.559	7.279 #
26)	Chlordane-4	6.032	5.188	1180730	19339240	1.318	8.741 #
27)	Chlordane-5	6.868	6.086	306369	4877374	2.014	4.873 #

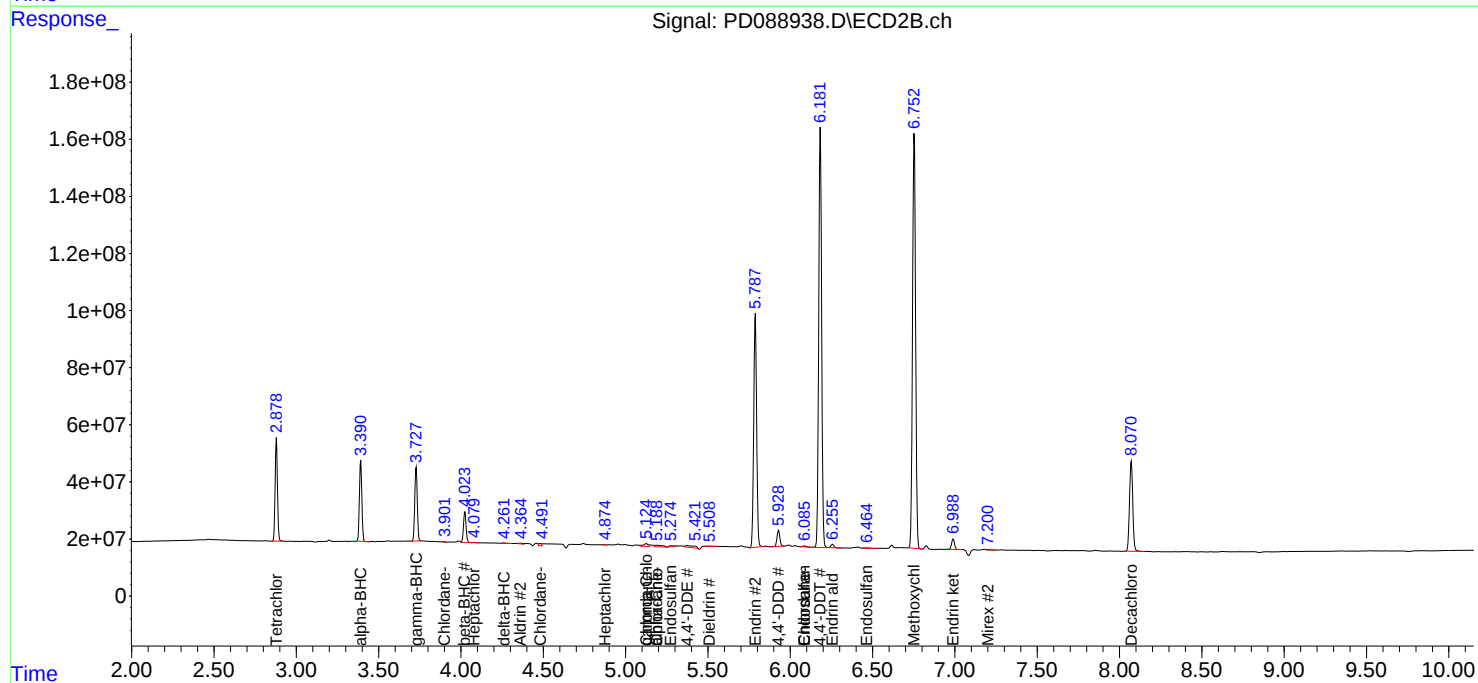
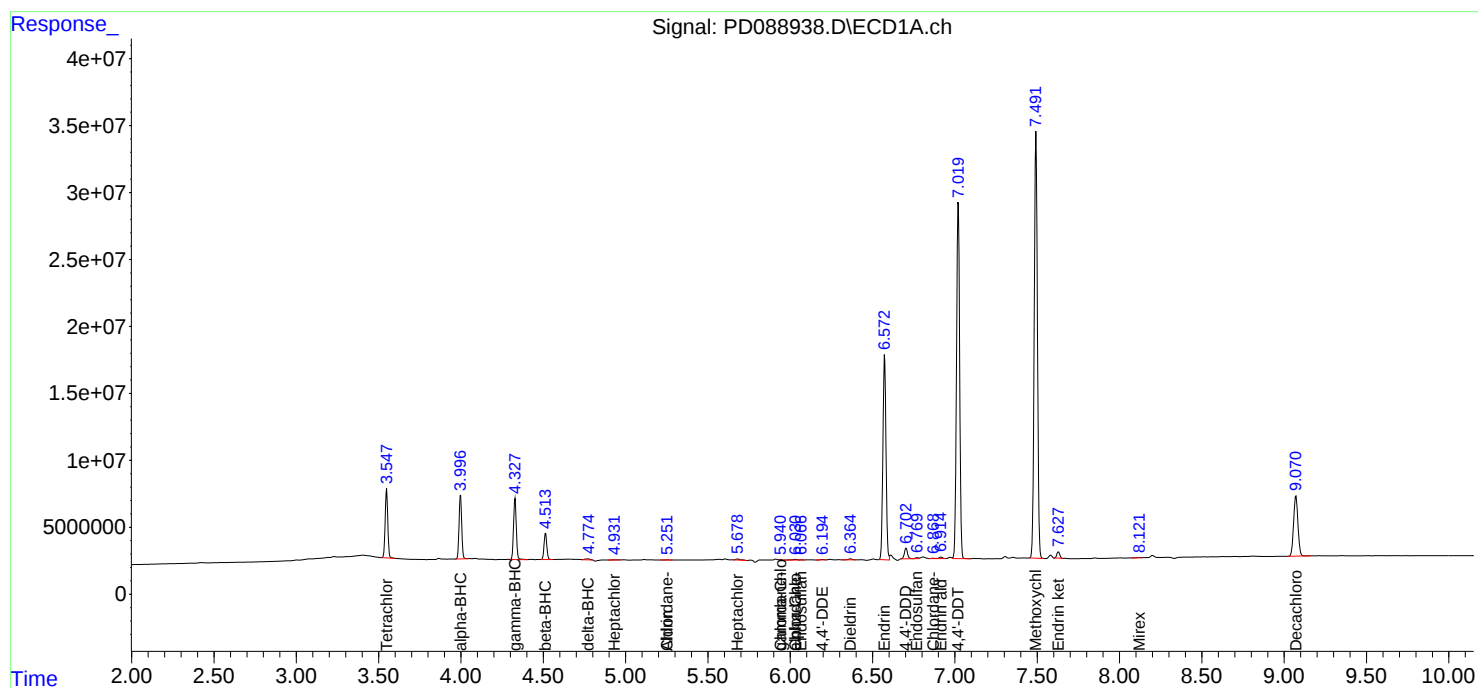
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

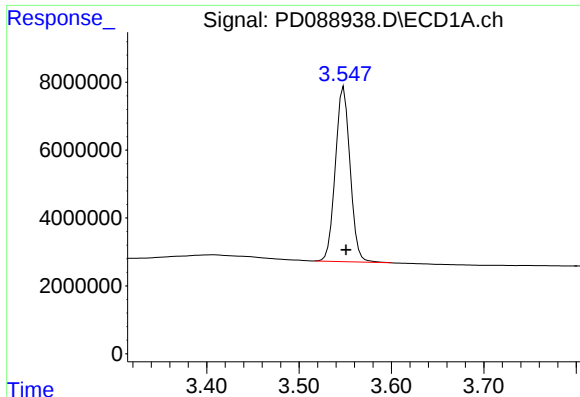
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061325\
Data File : PD088938.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 09:28
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 22:32:27 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

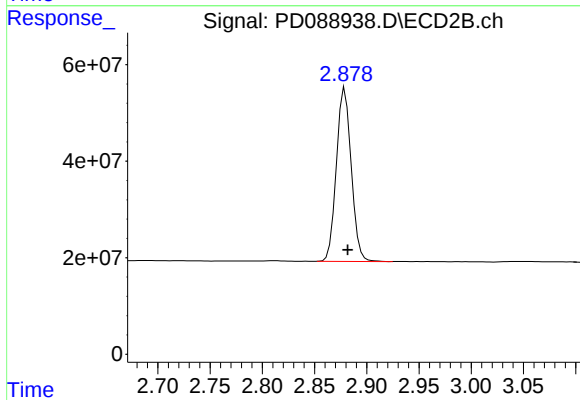




#1 Tetrachloro-m-xylene

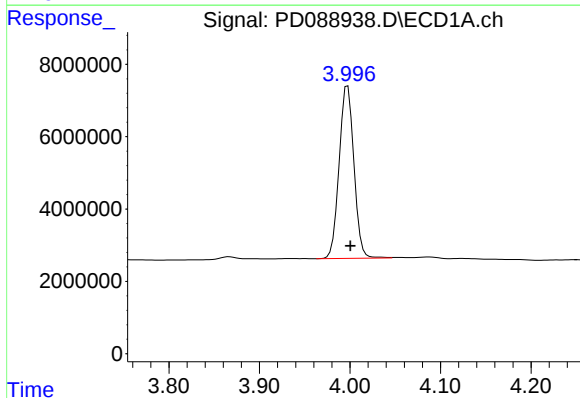
R.T.: 3.548 min
Delta R.T.: -0.003 min
Response: 57091825
Conc: 26.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



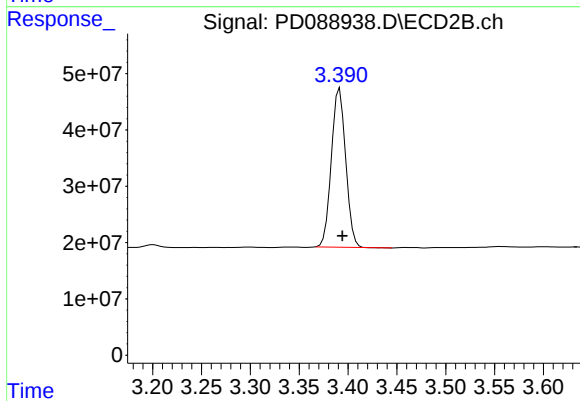
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.002 min
Response: 354685044
Conc: 23.45 ng/ml



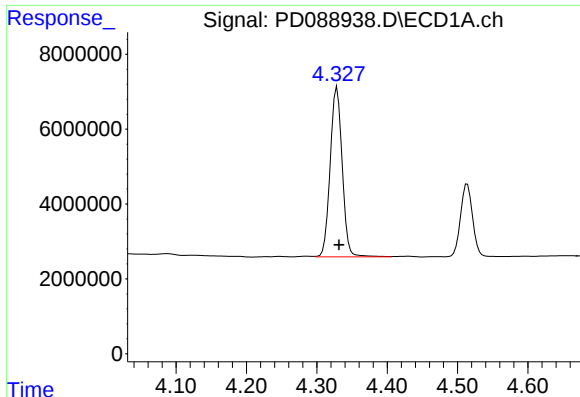
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.003 min
Response: 54056728
Conc: 11.32 ng/ml



#2 alpha-BHC

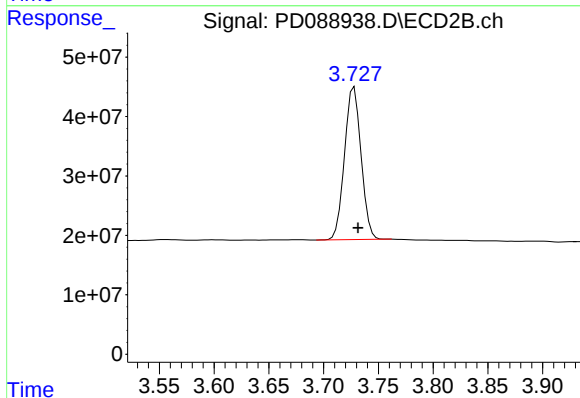
R.T.: 3.391 min
Delta R.T.: -0.003 min
Response: 287952932
Conc: 12.05 ng/ml



#3 gamma-BHC (Lindane)

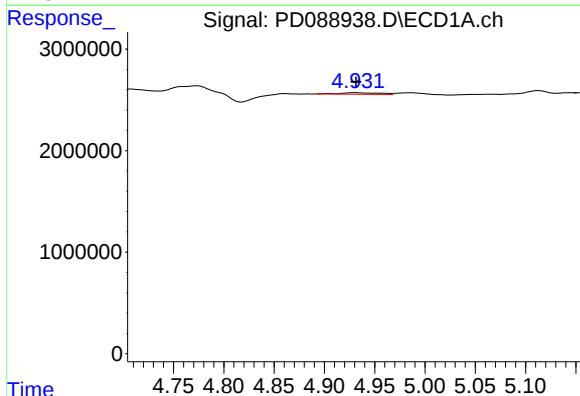
R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 53858289
Conc: 11.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



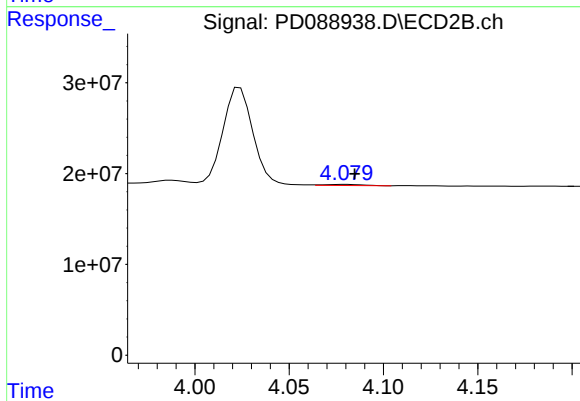
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.003 min
Response: 270135267
Conc: 12.19 ng/ml



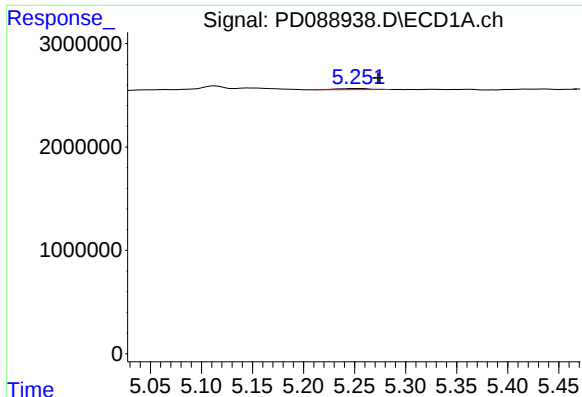
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 436584
Conc: 0.10 ng/ml



#4 Heptachlor

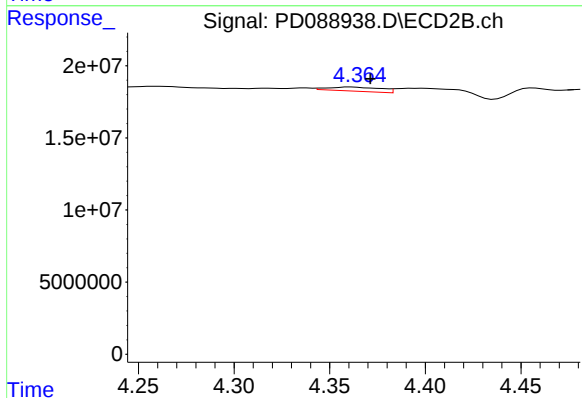
R.T.: 4.080 min
Delta R.T.: -0.005 min
Response: 1658583
Conc: 0.07 ng/ml



#5 Aldrin

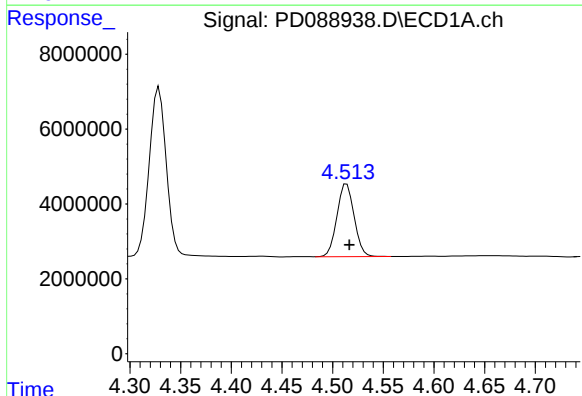
R.T.: 5.252 min
Delta R.T.: -0.021 min
Response: 251970
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



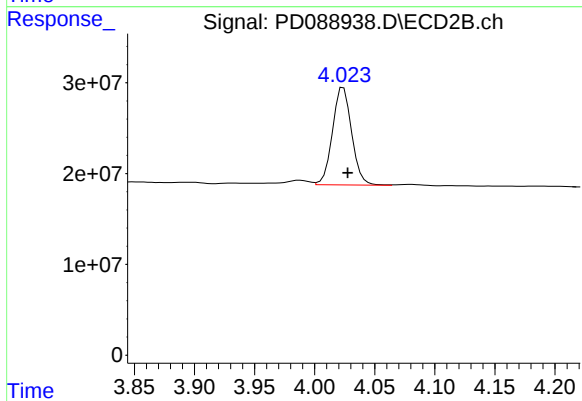
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.010 min
Response: 5537886
Conc: 0.25 ng/ml



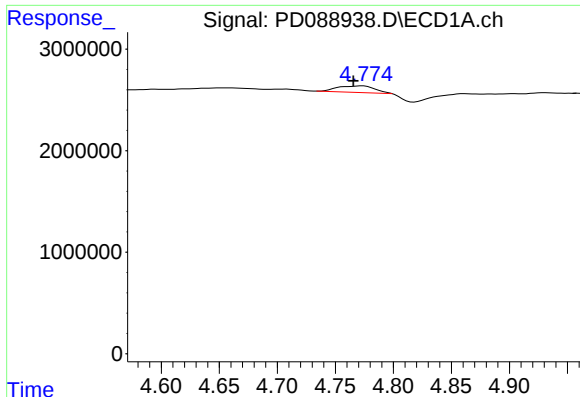
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 22939914
Conc: 12.72 ng/ml



#6 beta-BHC

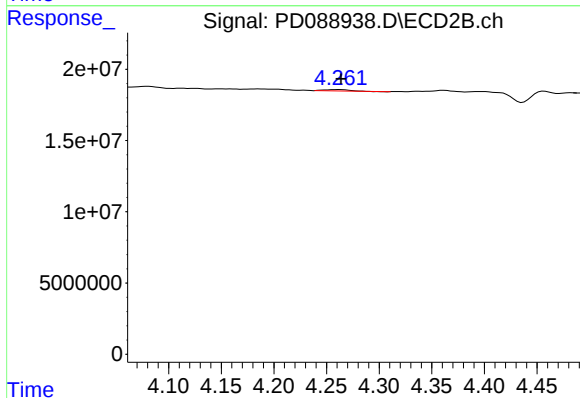
R.T.: 4.024 min
Delta R.T.: -0.003 min
Response: 119604906
Conc: 12.28 ng/ml



#7 delta-BHC

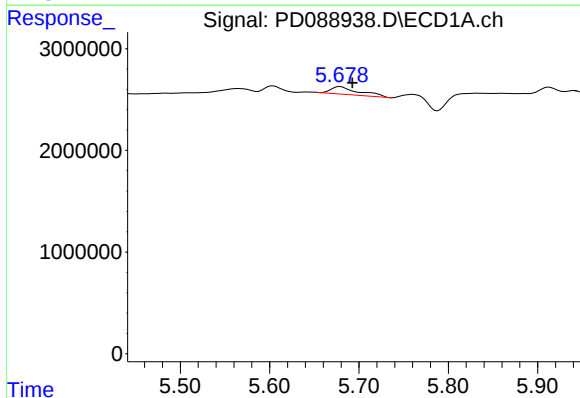
R.T.: 4.773 min
Delta R.T.: 0.008 min
Response: 1438876
Conc: 0.34 ng/ml

Instrument :
ECD_D
ClientSampleId :



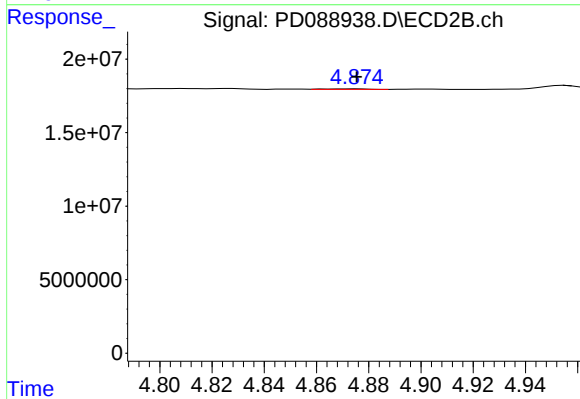
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.003 min
Response: 1392903
Conc: 0.06 ng/ml



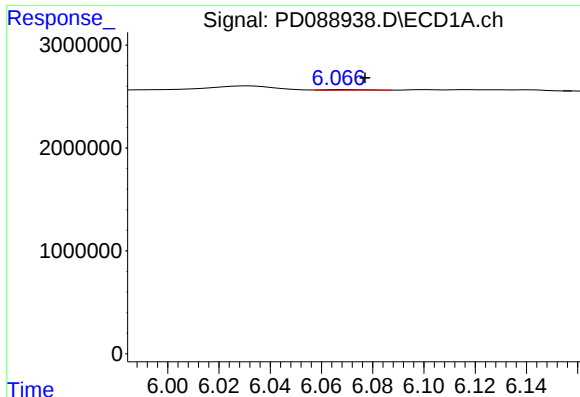
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.014 min
Response: 1618822
Conc: 0.41 ng/ml



#8 Heptachlor epoxide

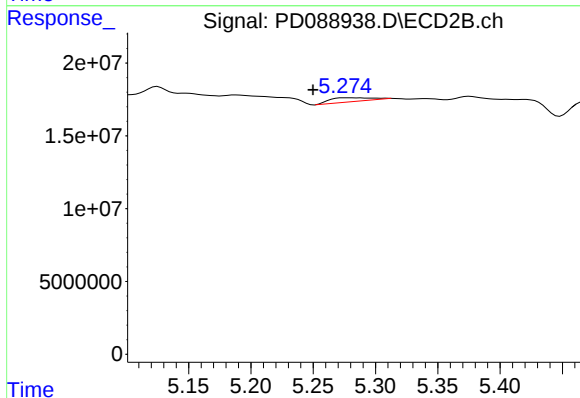
R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 359152
Conc: 0.02 ng/ml



#9 Endosulfan I

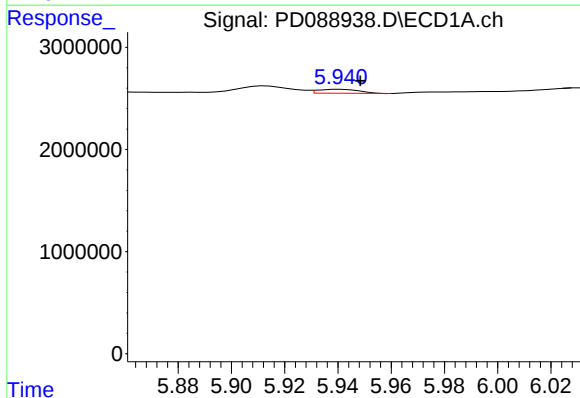
R.T.: 6.068 min
Delta R.T.: -0.009 min
Response: 80015
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



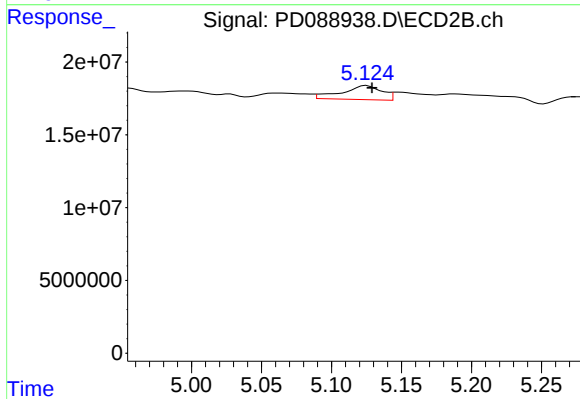
#9 Endosulfan I

R.T.: 5.275 min
Delta R.T.: 0.025 min
Response: 5947915
Conc: 0.31 ng/ml



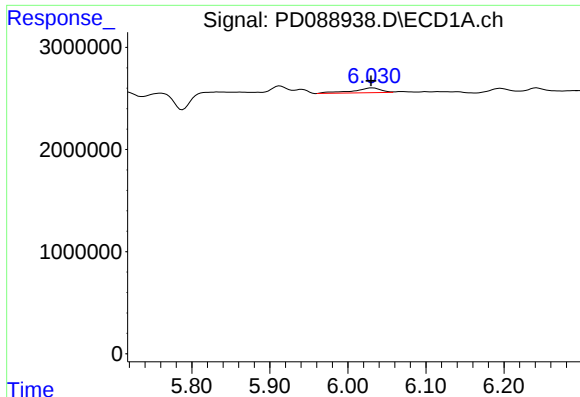
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.007 min
Response: 413783
Conc: 0.10 ng/ml



#10 gamma-Chlordane

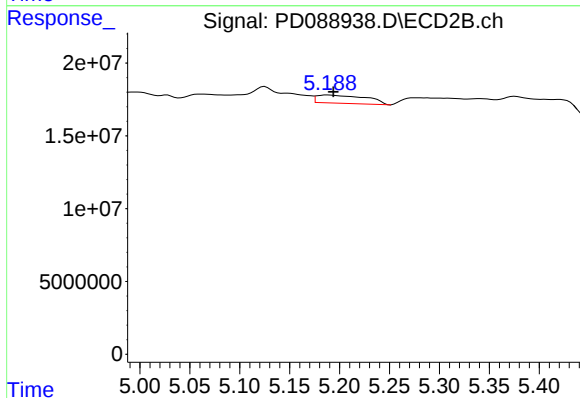
R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 19193270
Conc: 0.90 ng/ml



#11 alpha-Chlordane

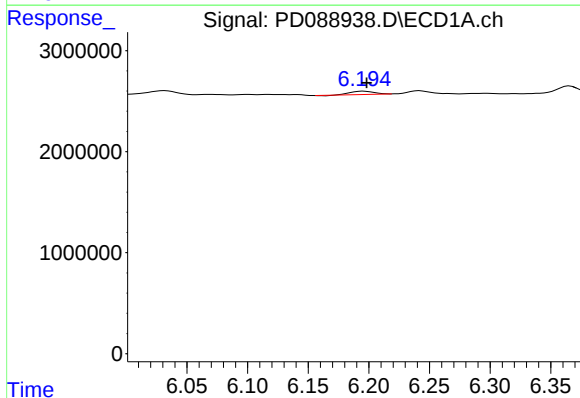
R.T.: 6.032 min
Delta R.T.: 0.002 min
Response: 1180730
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



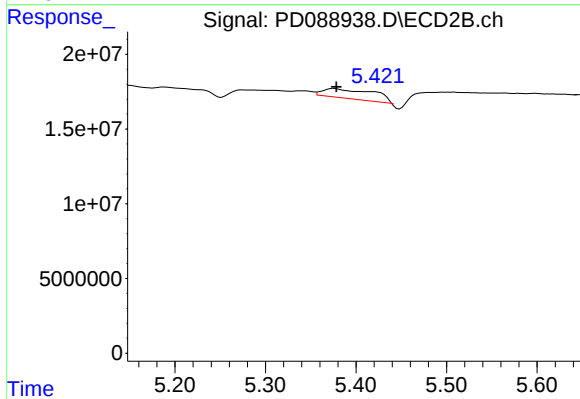
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.005 min
Response: 19339240
Conc: 0.94 ng/ml



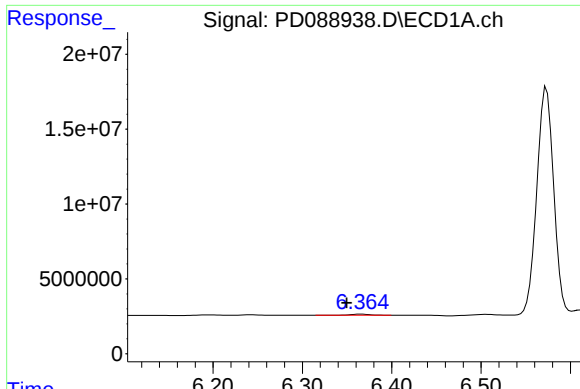
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 435882
Conc: 0.12 ng/ml



#12 4,4'-DDE

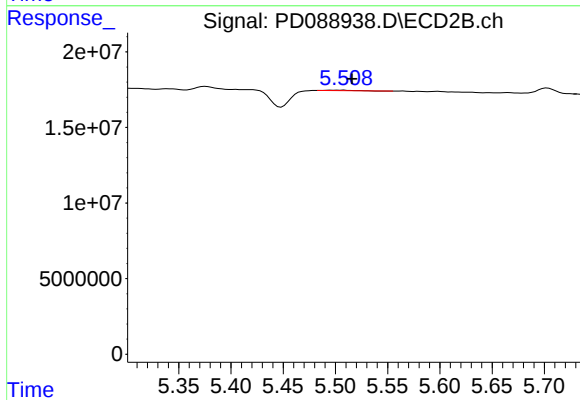
R.T.: 5.376 min
Delta R.T.: -0.003 min
Response: 24621628
Conc: 1.18 ng/ml



#13 Dieldrin

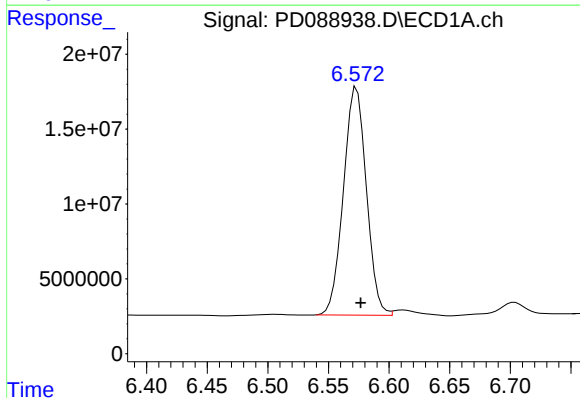
R.T.: 6.366 min
Delta R.T.: 0.016 min
Response: 1042260
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



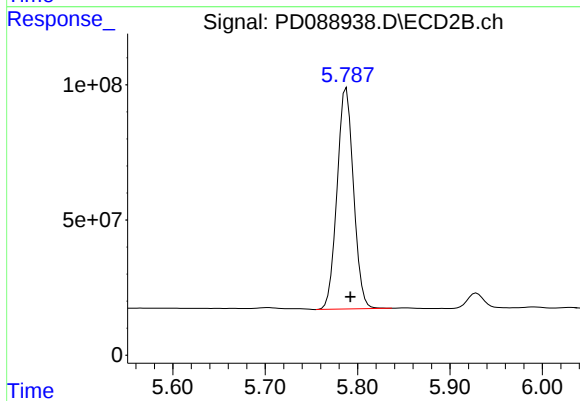
#13 Dieldrin

R.T.: 5.509 min
Delta R.T.: -0.007 min
Response: 433726
Conc: 0.02 ng/ml



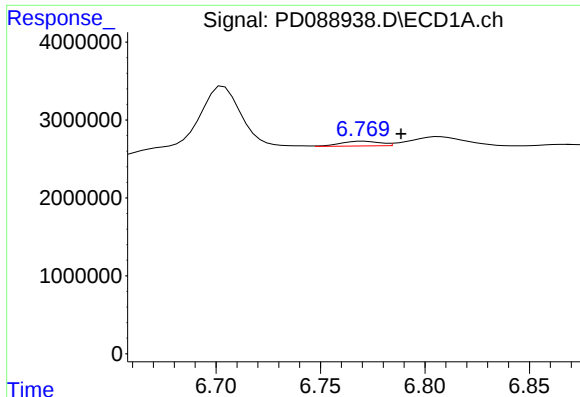
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.003 min
Response: 200667182
Conc: 58.76 ng/ml



#14 Endrin

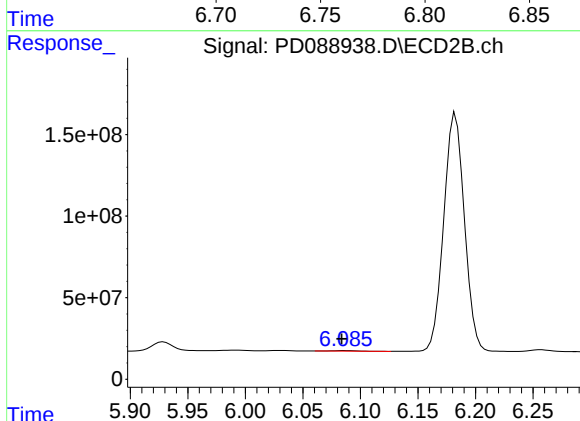
R.T.: 5.788 min
Delta R.T.: -0.004 min
Response: 1010465472
Conc: 52.40 ng/ml



#15 Endosulfan II

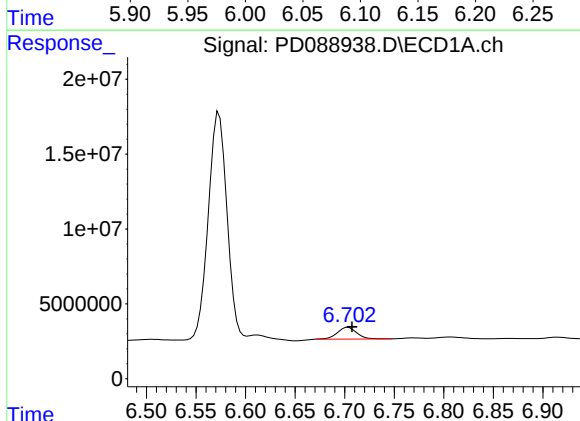
R.T.: 6.771 min
Delta R.T.: -0.018 min
Response: 816747
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



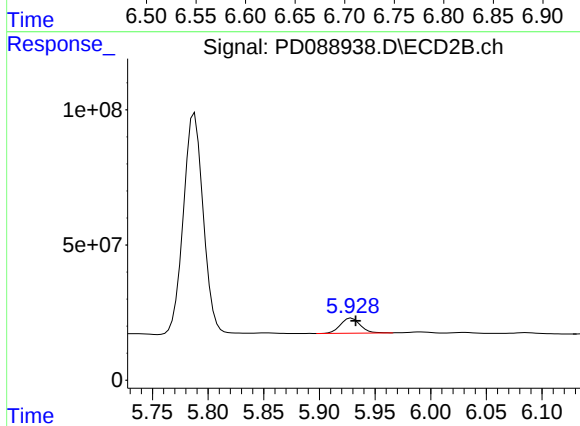
#15 Endosulfan II

R.T.: 6.086 min
Delta R.T.: 0.003 min
Response: 4877374
Conc: 0.27 ng/ml



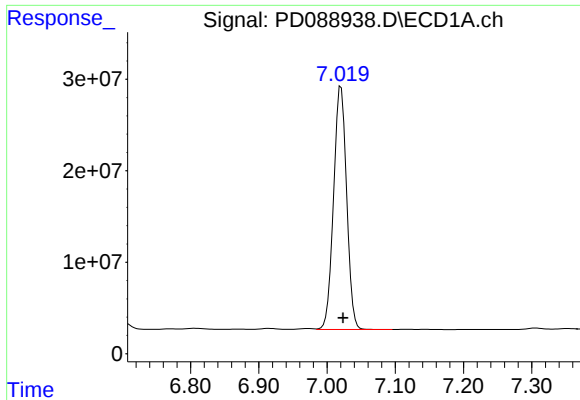
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.004 min
Response: 10778960
Conc: 3.87 ng/ml



#16 4,4'-DDD

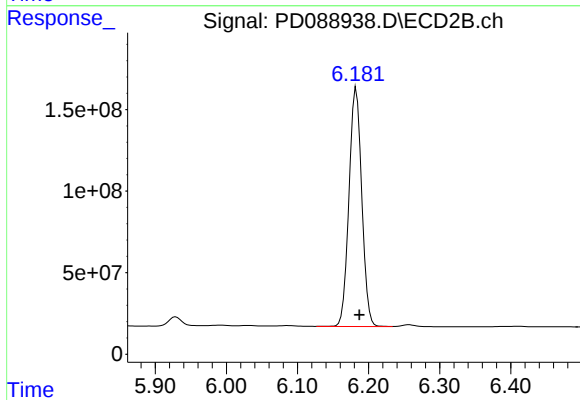
R.T.: 5.929 min
Delta R.T.: -0.004 min
Response: 68219837
Conc: 3.92 ng/ml



#17 4,4'-DDT

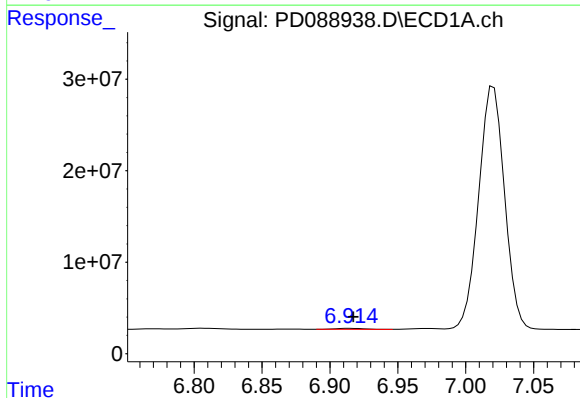
R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 352865736
Conc: 113.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



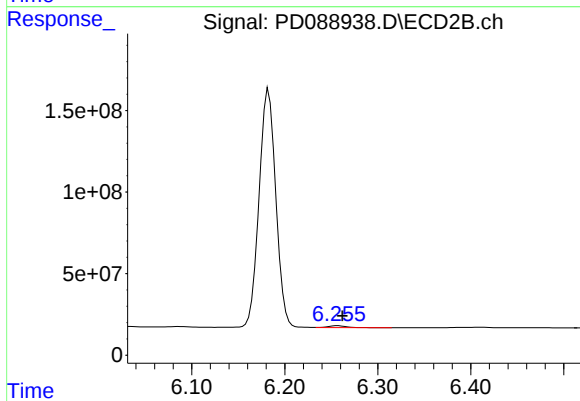
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 1828186488
Conc: 100.80 ng/ml



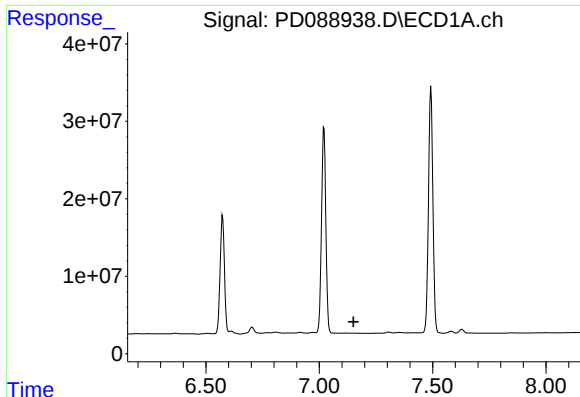
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: -0.002 min
Response: 1637440
Conc: 0.64 ng/ml



#18 Endrin aldehyde

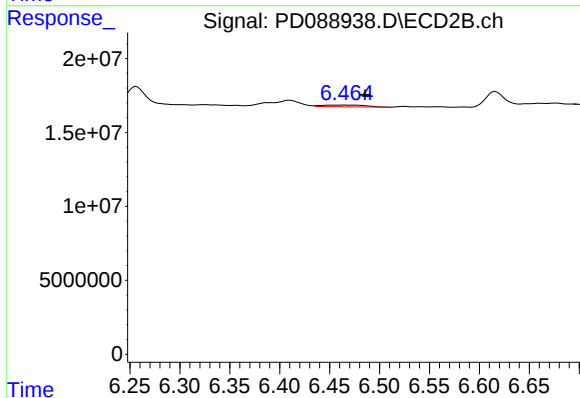
R.T.: 6.257 min
Delta R.T.: -0.005 min
Response: 15201526
Conc: 1.09 ng/ml



#19 Endosulfan Sulfate

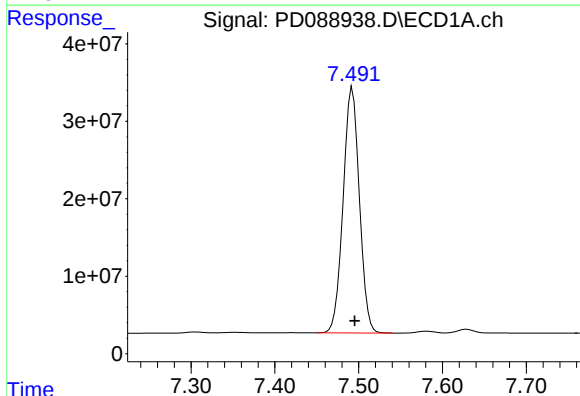
R.T.: 0.000 min
Exp R.T.: 7.152 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



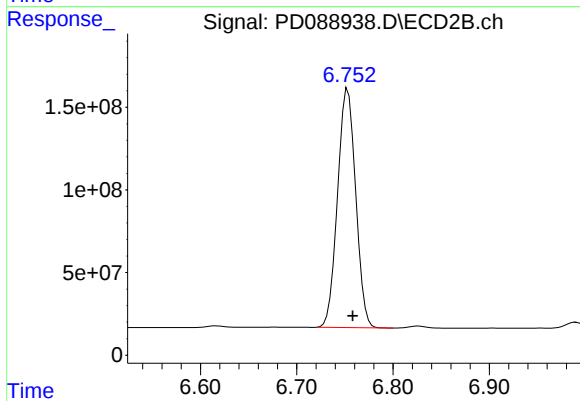
#19 Endosulfan Sulfate

R.T.: 6.466 min
Delta R.T.: -0.020 min
Response: 3308319
Conc: 0.19 ng/ml



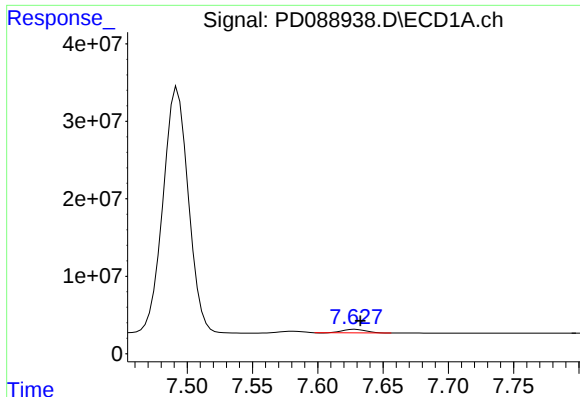
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.003 min
Response: 427258259
Conc: 255.76 ng/ml



#20 Methoxychlor

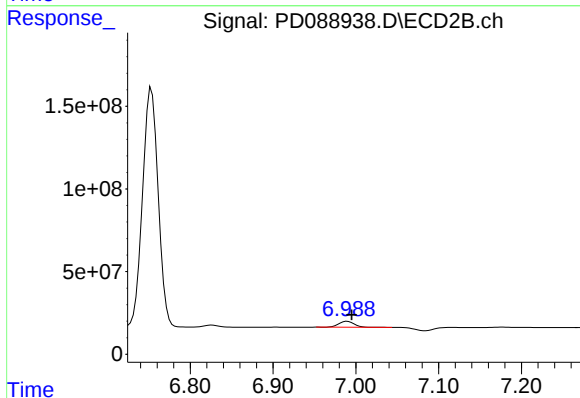
R.T.: 6.753 min
Delta R.T.: -0.005 min
Response: 1889236461
Conc: 197.31 ng/ml



#21 Endrin ketone

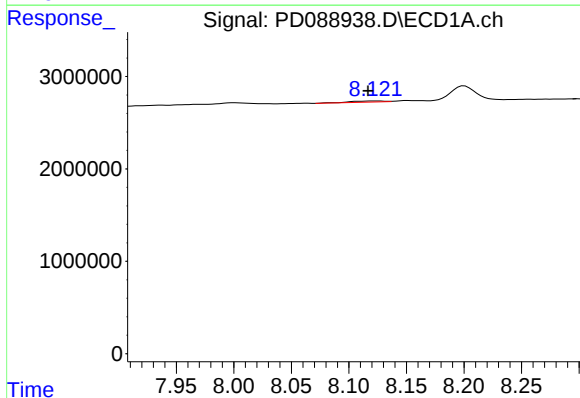
R.T.: 7.629 min
Delta R.T.: -0.004 min
Response: 5552468
Conc: 1.62 ng/ml

Instrument :
ECD_D
ClientSampleId :



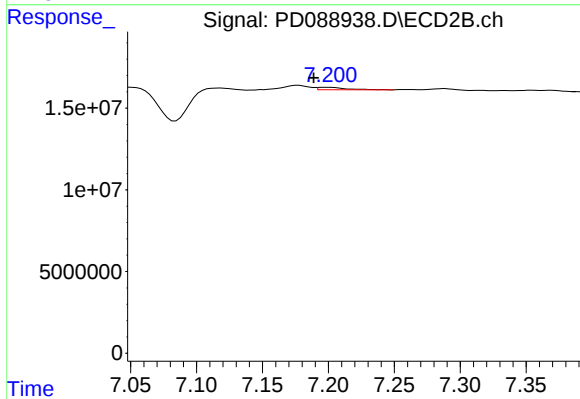
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.005 min
Response: 46304778
Conc: 2.39 ng/ml



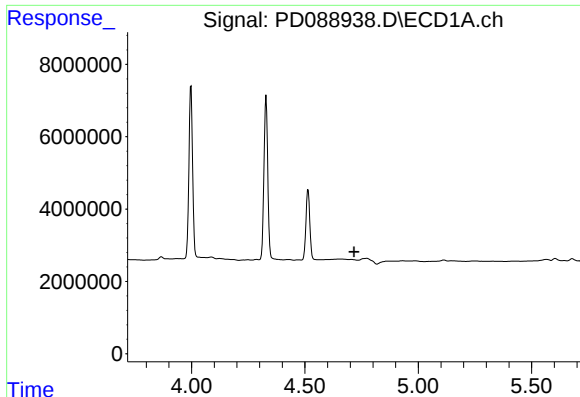
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.006 min
Response: 259971
Conc: 0.10 ng/ml



#22 Mirex

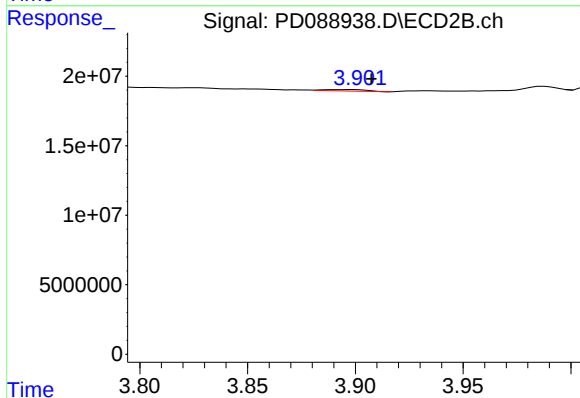
R.T.: 7.200 min
Delta R.T.: 0.011 min
Response: 2180644
Conc: 0.14 ng/ml



#23 Chlordane-1

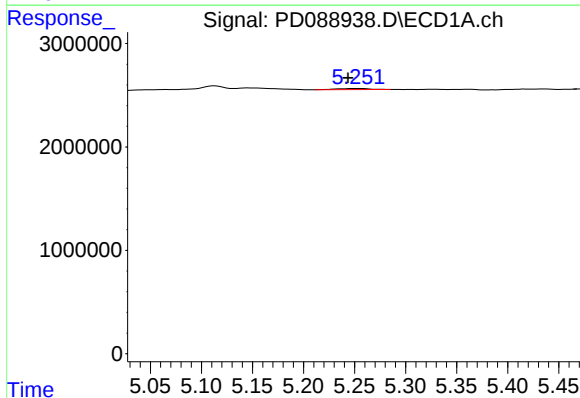
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



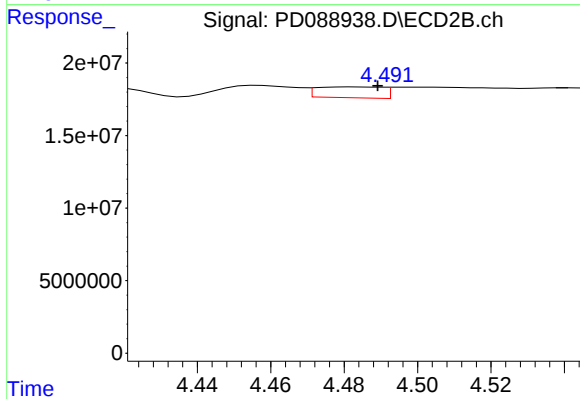
#23 Chlordane-1

R.T.: 3.898 min
Delta R.T.: -0.009 min
Response: 1475435
Conc: 1.79 ng/ml



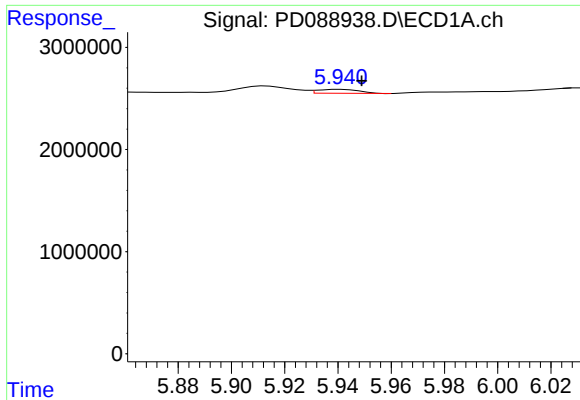
#24 Chlordane-2

R.T.: 5.252 min
Delta R.T.: 0.009 min
Response: 251970
Conc: 1.37 ng/ml



#24 Chlordane-2

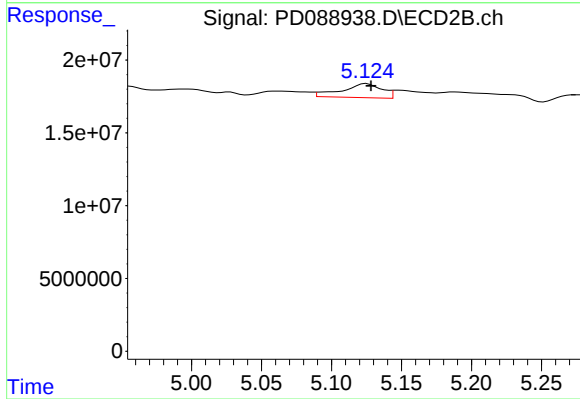
R.T.: 4.483 min
Delta R.T.: -0.006 min
Response: 9357216
Conc: 11.09 ng/ml



#25 Chlordane-3

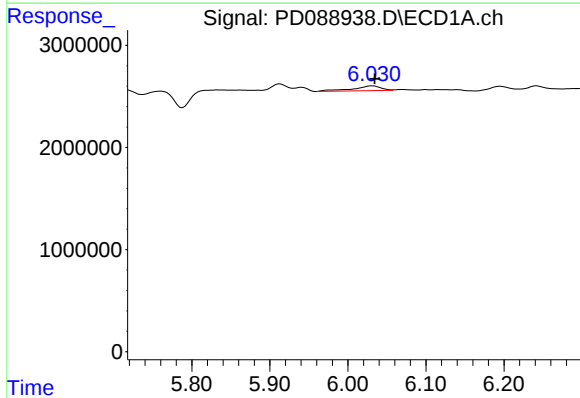
R.T.: 5.941 min
Delta R.T.: -0.008 min
Response: 413783
Conc: 0.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



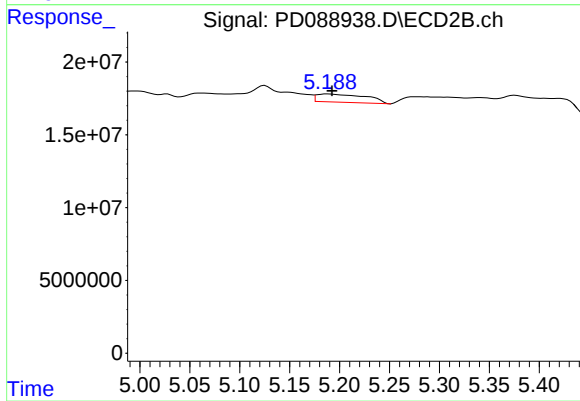
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: -0.003 min
Response: 19193270
Conc: 7.28 ng/ml



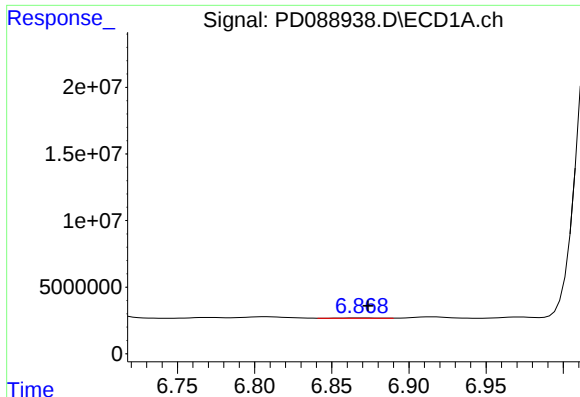
#26 Chlordane-4

R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: 1180730
Conc: 1.32 ng/ml



#26 Chlordane-4

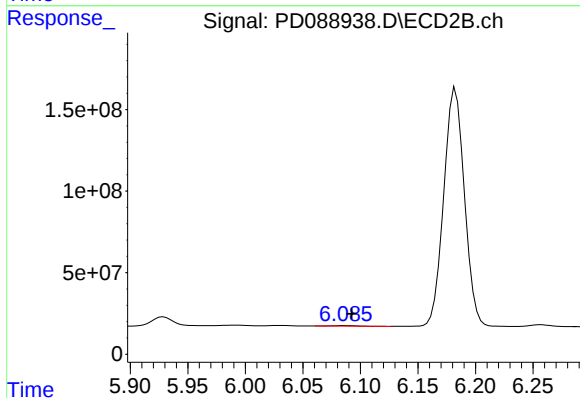
R.T.: 5.188 min
Delta R.T.: -0.004 min
Response: 19339240
Conc: 8.74 ng/ml



#27 Chlordane-5

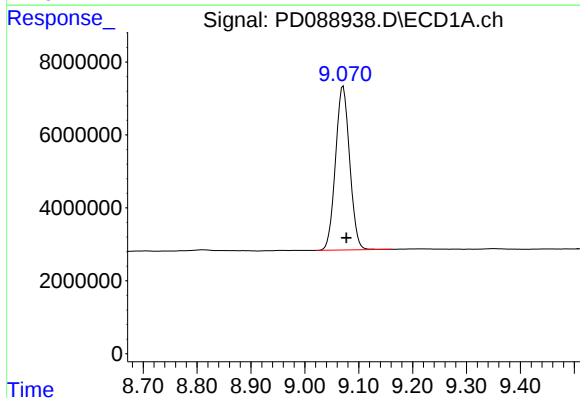
R.T.: 6.868 min
Delta R.T.: -0.005 min
Response: 306369
Conc: 2.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



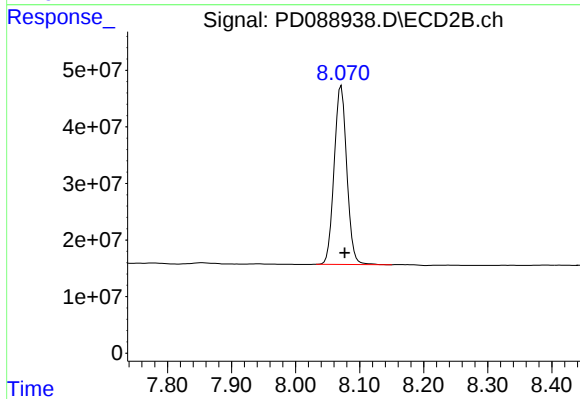
#27 Chlordane-5

R.T.: 6.086 min
Delta R.T.: -0.006 min
Response: 4877374
Conc: 4.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: -0.006 min
Response: 82107981
Conc: 23.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.005 min
Response: 433259123
Conc: 23.73 ng/ml