

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
 Data File : PD088536.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 19:32
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 22:47:39 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...	3.552	2.883	47019851	322.3E6	23.541	22.043
28)	SA Decachlor...	9.074	8.074	75566561	356.9E6	22.843	19.312
Target Compounds							
2)	A alpha-BHC	4.001	3.395	46594454	261.0E6	10.806	11.417
3)	MA gamma-BHC...	4.331	3.731	46757756	244.0E6	11.166	11.331
4)	MA Heptachlor	4.933	4.080	357400	1038005	0.088	0.049 #
5)	MB Aldrin	5.255f	4.366	379199	879065	0.096	0.042 #
6)	B beta-BHC	4.516	4.027	19677250	107.0E6	12.121	11.564
7)	B delta-BHC	4.778	4.262	3228995	1022266	0.783	0.048 #
8)	B Heptachlo...	5.682	4.877	1866175	249767	0.522	0.013 #
9)	A Endosulfan I	6.096f	5.232f	881157	6502042	0.261	0.361 #
10)	B gamma-Chl...	5.948	5.128	3876369	11031054	1.070	0.544 #
11)	B alpha-Chl...	6.033	5.191	2977167	13442115	0.825	0.686
12)	B 4,4'-DDE	6.198	5.382	4988	13184337	0.002	0.669 #
13)	MA Dieldrin	6.368f	0.000	436114	0	0.122	N.D. #
14)	MA Endrin	6.575	5.791	171.2E6	916.2E6	57.411	50.335
15)	B Endosulfa...	6.771f	6.088	1999792	3181263	0.640	0.182 #
16)	A 4,4'-DDD	6.705	5.931	6622362	40303261	2.633	2.460
17)	MA 4,4'-DDT	7.022	6.185	312.7E6	1608.5E6	112.583	94.525
18)	B Endrin al...	6.918	6.260	2828070	12805372	1.225	0.963
19)	B Endosulfa...	0.000	6.463f	0	5874673	N.D.	0.343 #
20)	A Methoxychlor	7.493	6.756	383.6E6	1770.7E6	255.817	194.136
21)	B Endrin ke...	7.631	6.992	3153341	27177282	1.022	1.453 #
22)	Mirex	8.120	7.178	84295	8091094	0.036	0.546 #
23)	Chlordane-1	0.000	3.903	0	1125325	N.D.	1.404 #
24)	Chlordane-2	5.255	4.493	379199	29218042	2.277	35.403 #
25)	Chlordane-3	5.948	5.128	3876369	11031054	5.747	4.362
26)	Chlordane-4	6.033	5.191	2977167	13442115	3.652	6.287 #
27)	Chlordane-5	6.871	6.088	574232	3181263	4.226	3.295

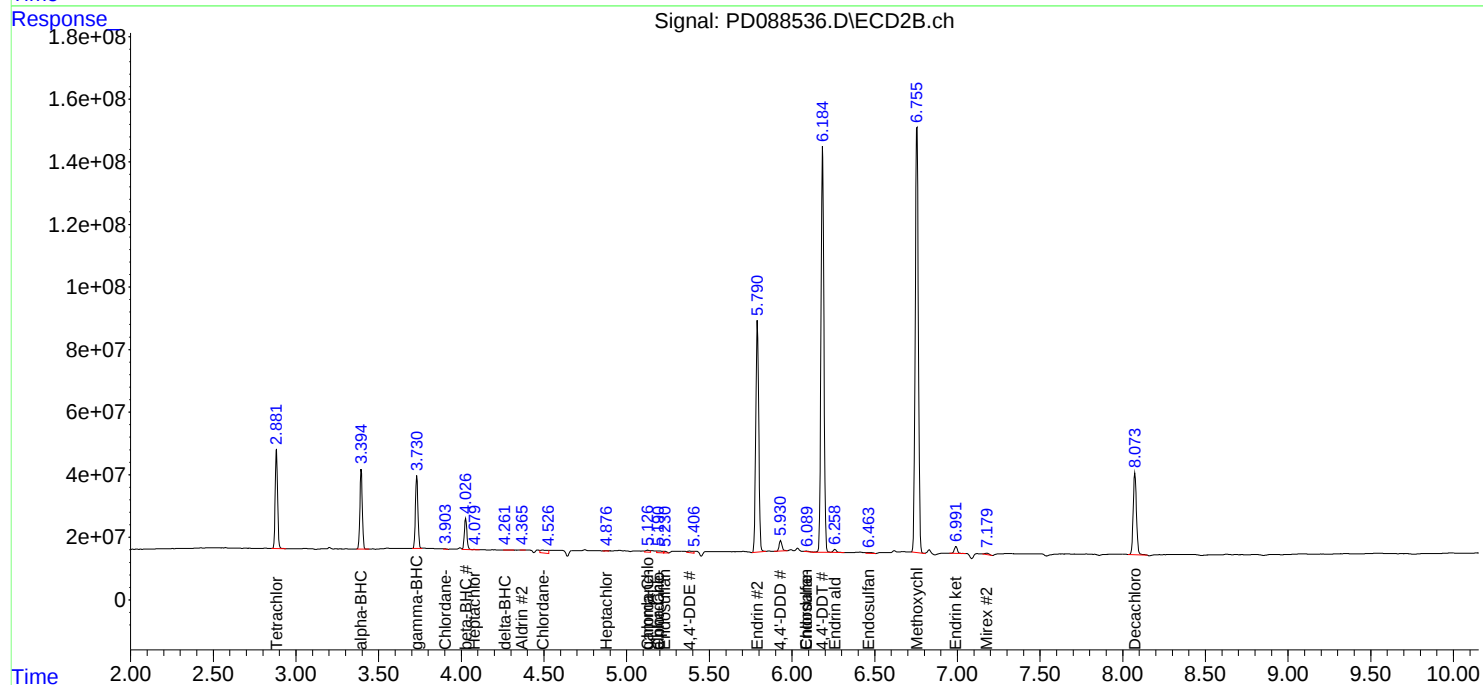
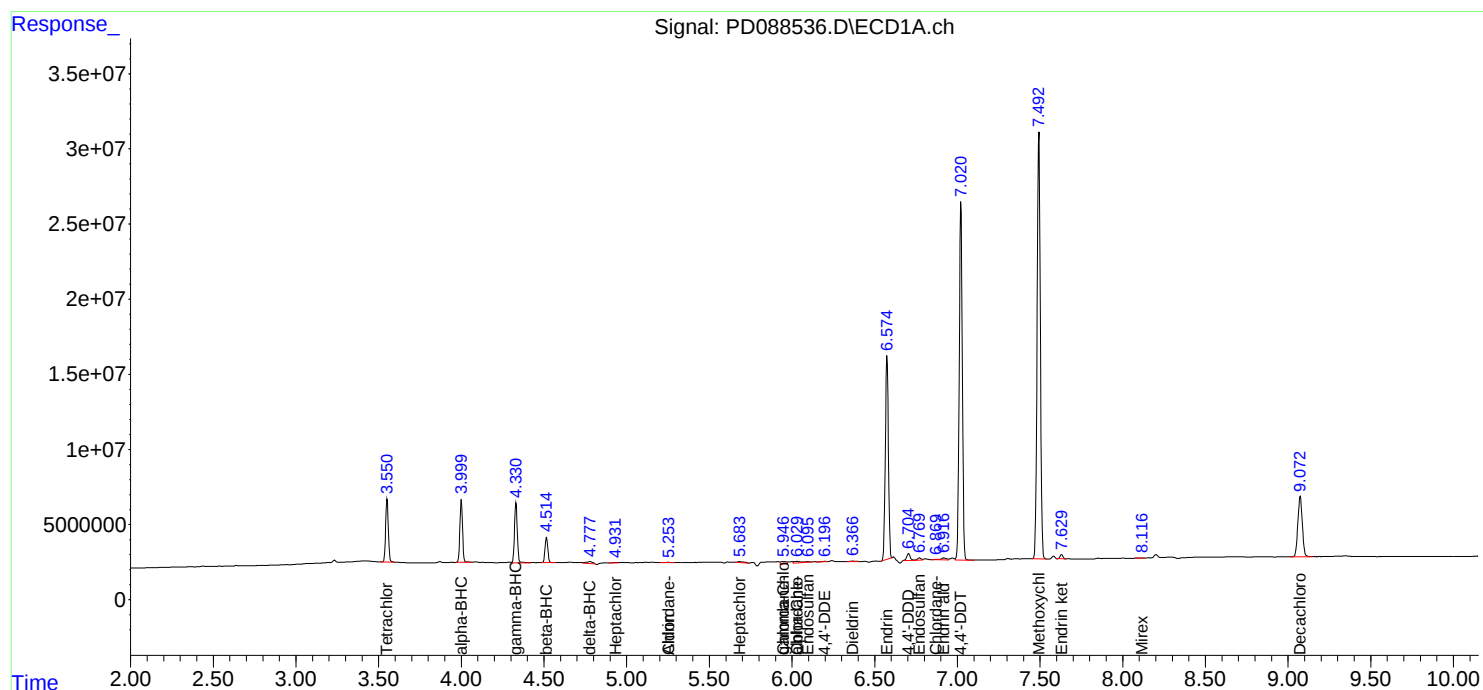
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

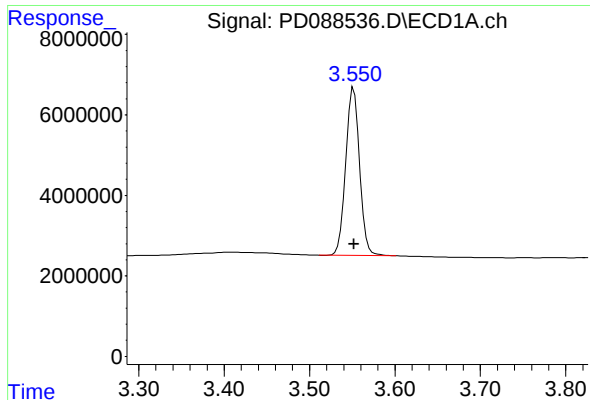
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
Data File : PD088536.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 19:32
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 22:47:39 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

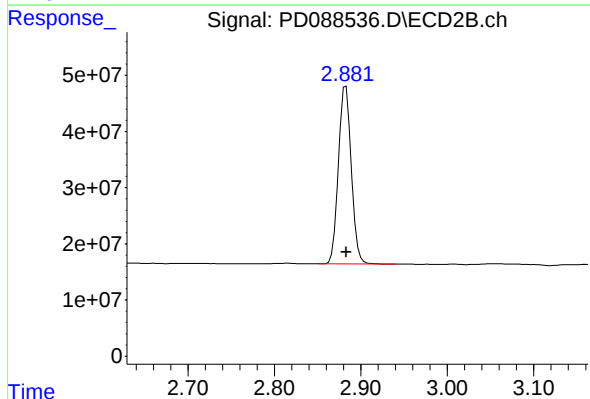




#1 Tetrachloro-m-xylene

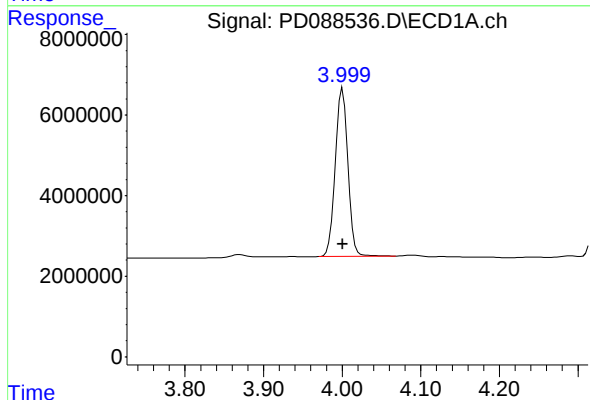
R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 47019851
Conc: 23.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



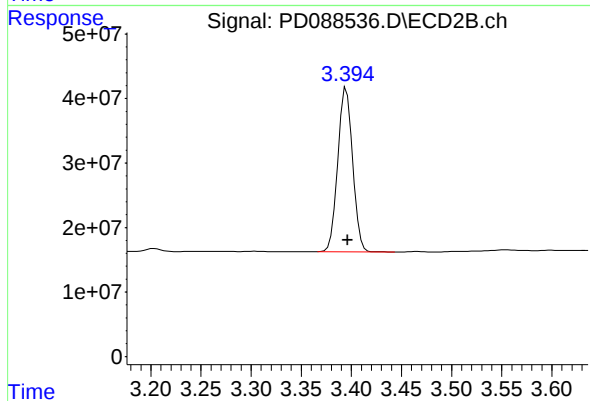
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 322310458
Conc: 22.04 ng/ml



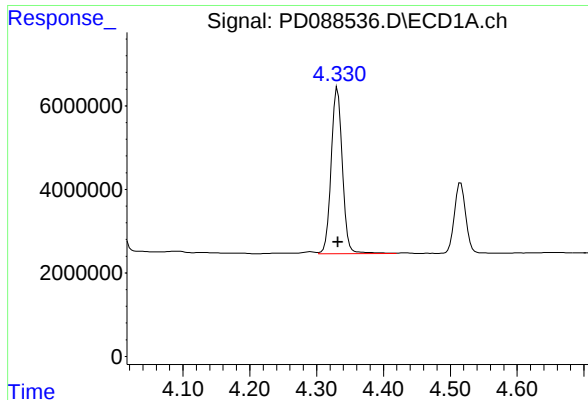
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 46594454
Conc: 10.81 ng/ml



#2 alpha-BHC

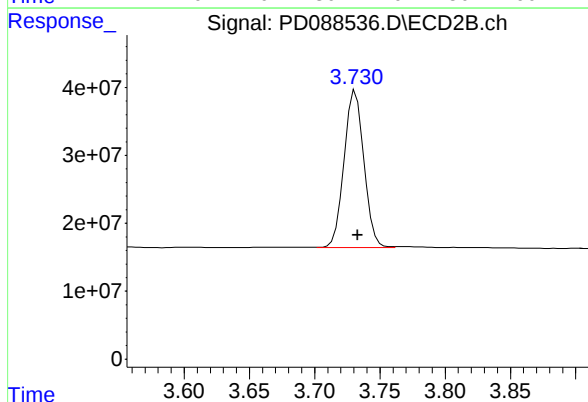
R.T.: 3.395 min
Delta R.T.: -0.001 min
Response: 261004901
Conc: 11.42 ng/ml



#3 gamma-BHC (Lindane)

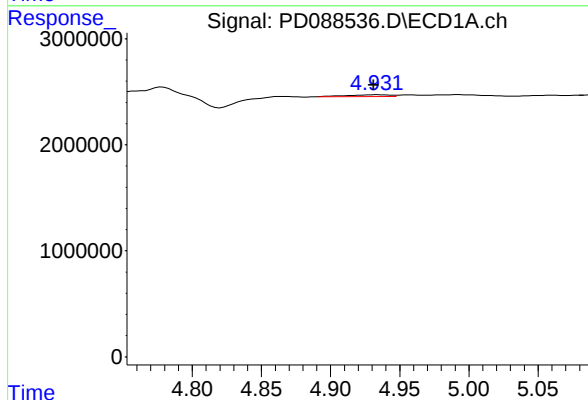
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 46757756
Conc: 11.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



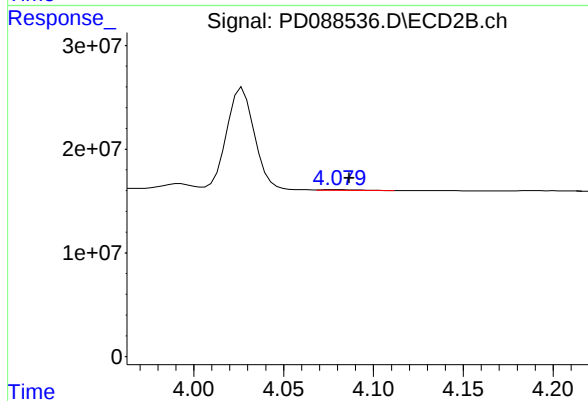
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 244047790
Conc: 11.33 ng/ml



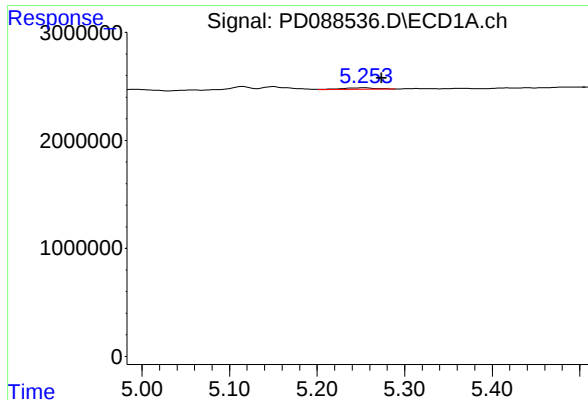
#4 Heptachlor

R.T.: 4.933 min
Delta R.T.: 0.001 min
Response: 357400
Conc: 0.09 ng/ml



#4 Heptachlor

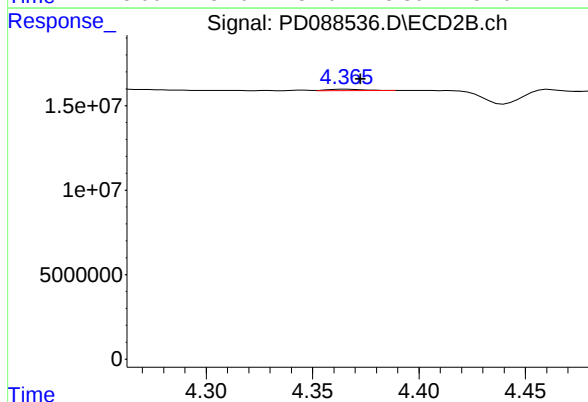
R.T.: 4.080 min
Delta R.T.: -0.006 min
Response: 1038005
Conc: 0.05 ng/ml



#5 Aldrin

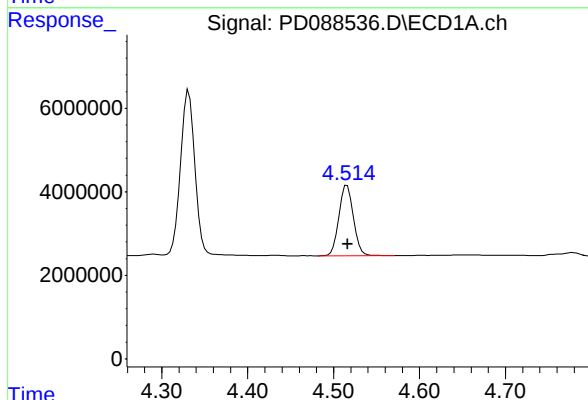
R.T.: 5.255 min
Delta R.T.: -0.019 min
Response: 379199
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



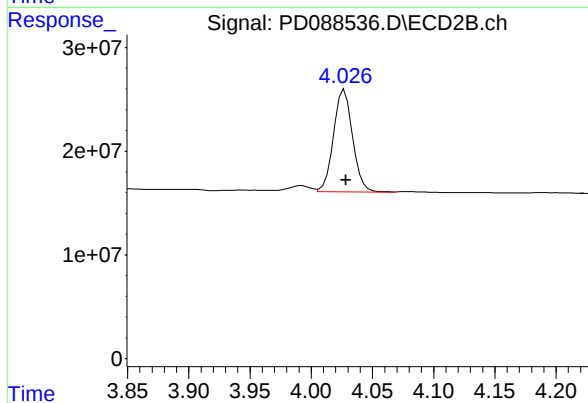
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: -0.007 min
Response: 879065
Conc: 0.04 ng/ml



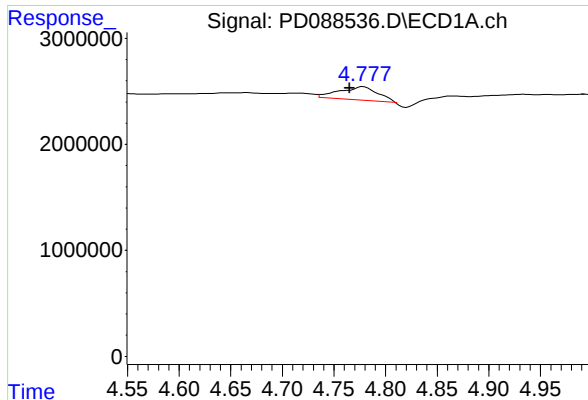
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 19677250
Conc: 12.12 ng/ml



#6 beta-BHC

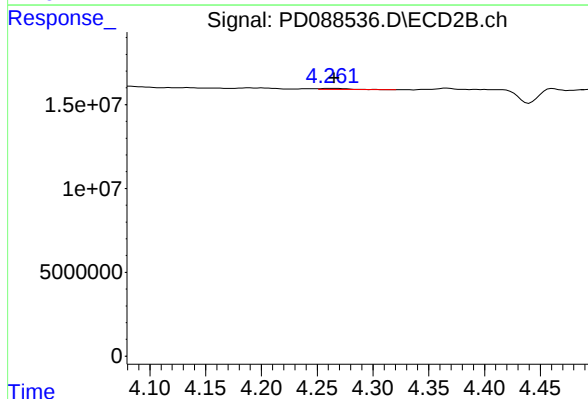
R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 107012302
Conc: 11.56 ng/ml



#7 delta-BHC

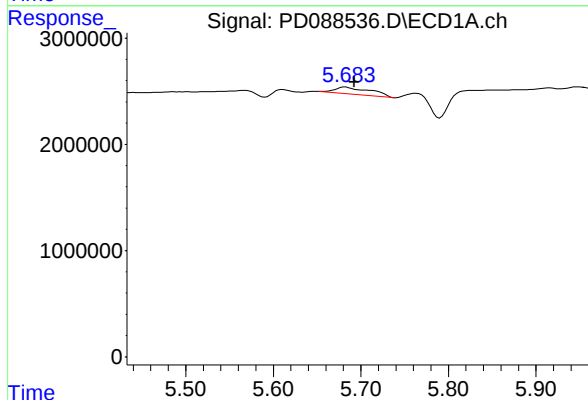
R.T.: 4.778 min
Delta R.T.: 0.013 min
Response: 3228995
Conc: 0.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



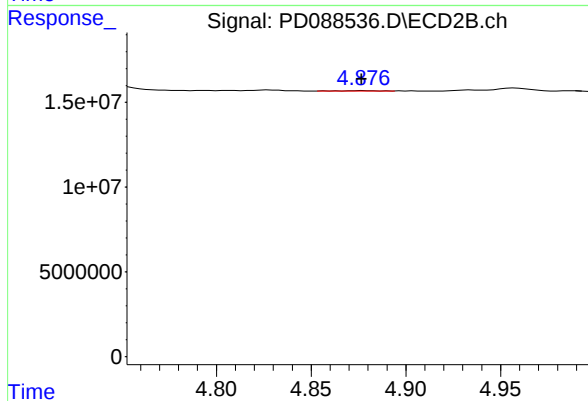
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: -0.003 min
Response: 1022266
Conc: 0.05 ng/ml



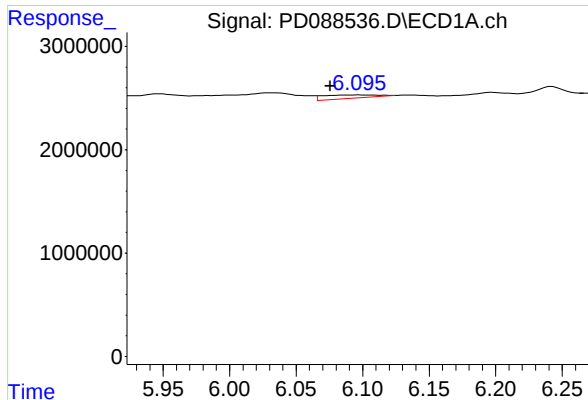
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.010 min
Response: 1866175
Conc: 0.52 ng/ml



#8 Heptachlor epoxide

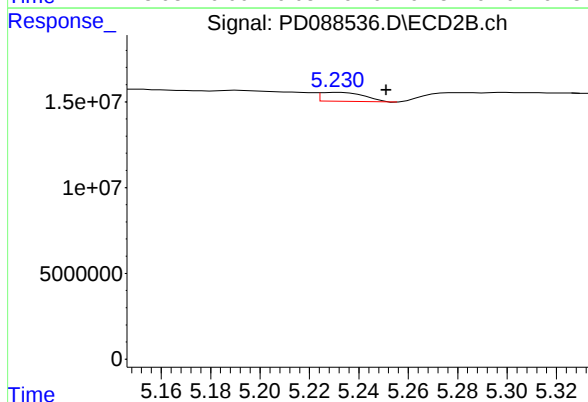
R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 249767
Conc: 0.01 ng/ml



#9 Endosulfan I

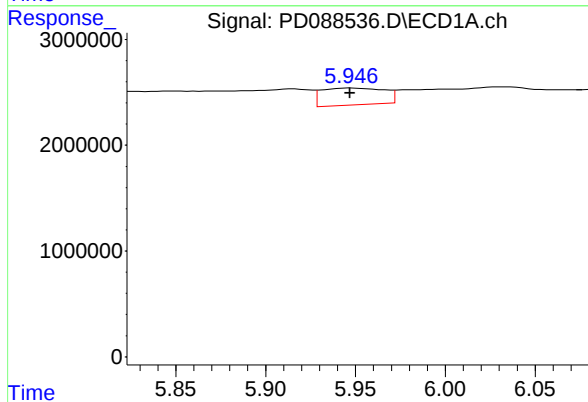
R.T.: 6.096 min
Delta R.T.: 0.020 min
Response: 881157
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



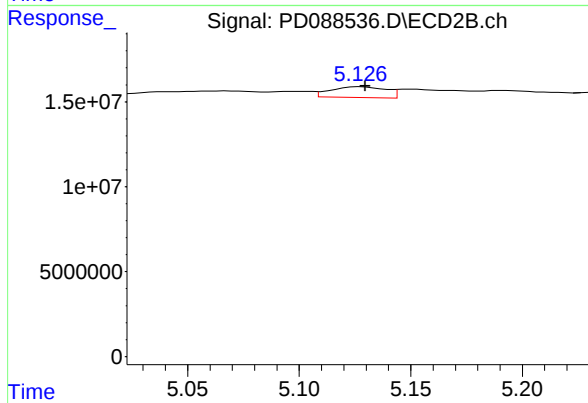
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: -0.019 min
Response: 6502042
Conc: 0.36 ng/ml



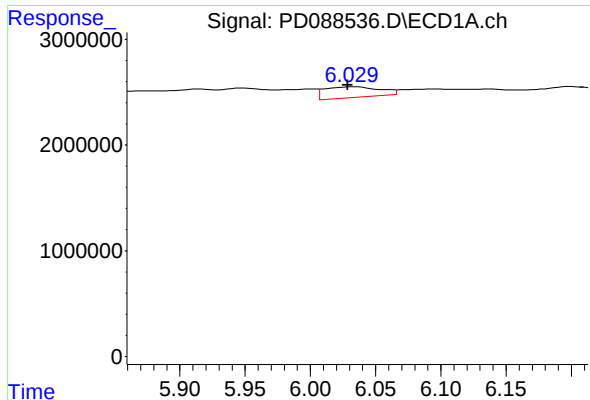
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 3876369
Conc: 1.07 ng/ml



#10 gamma-Chlordane

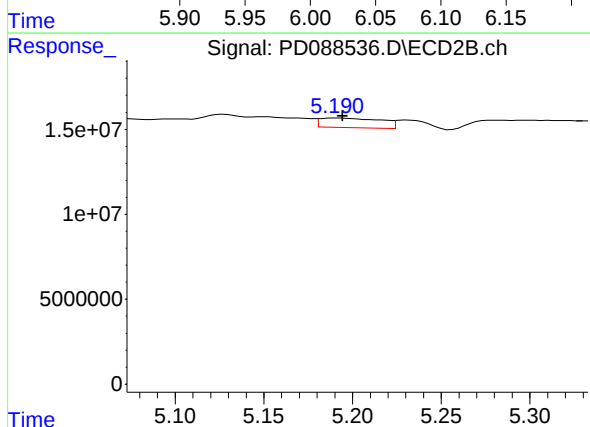
R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 11031054
Conc: 0.54 ng/ml



#11 alpha-Chlordane

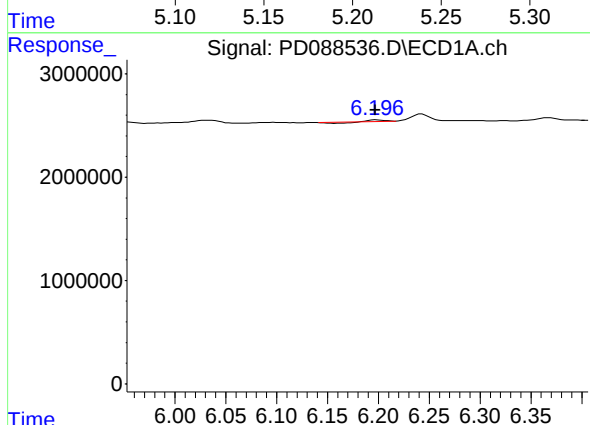
R.T.: 6.033 min
Delta R.T.: 0.004 min
Response: 2977167
Conc: 0.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



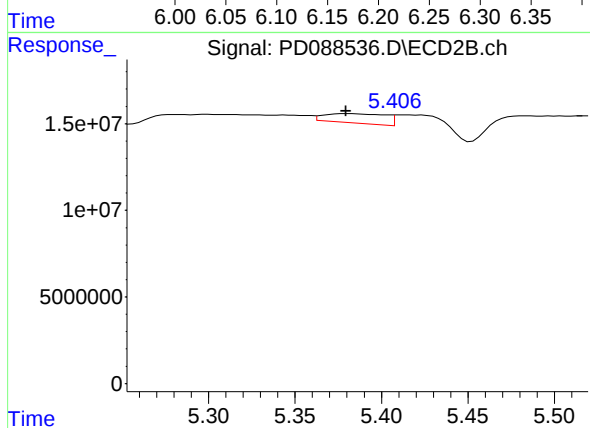
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: -0.003 min
Response: 13442115
Conc: 0.69 ng/ml



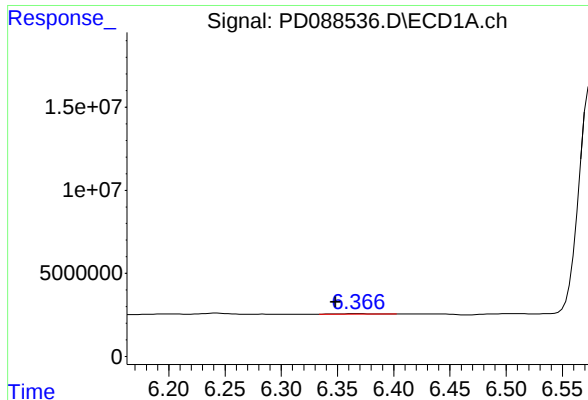
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 4988
Conc: 0.00 ng/ml



#12 4,4'-DDE

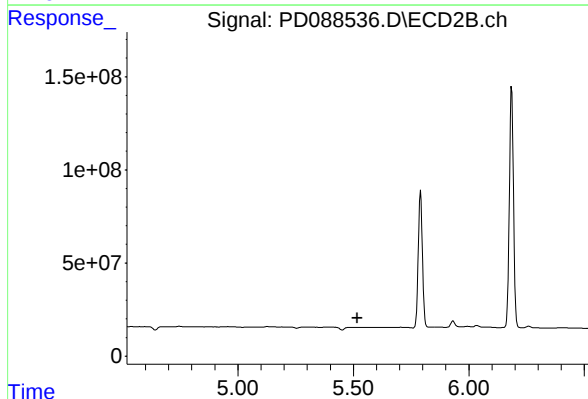
R.T.: 5.382 min
Delta R.T.: 0.002 min
Response: 13184337
Conc: 0.67 ng/ml



#13 Dieldrin

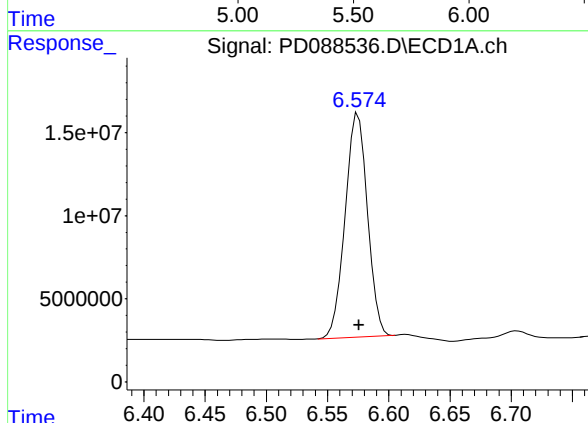
R.T.: 6.368 min
Delta R.T.: 0.019 min
Response: 436114
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



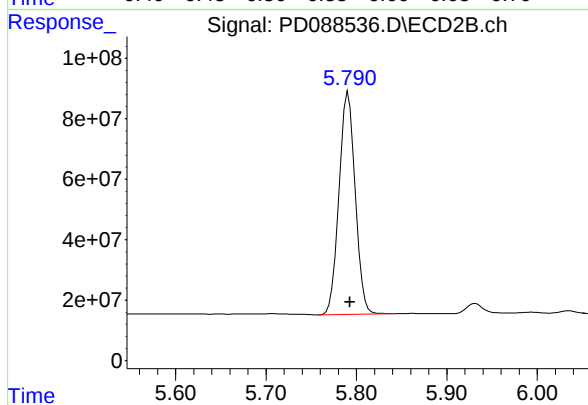
#13 Dieldrin

R.T.: 0.000 min
Exp R.T.: 5.517 min
Response: 0
Conc: N.D.



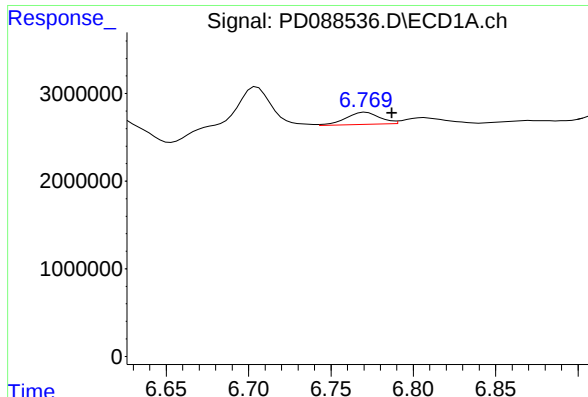
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 171233306
Conc: 57.41 ng/ml



#14 Endrin

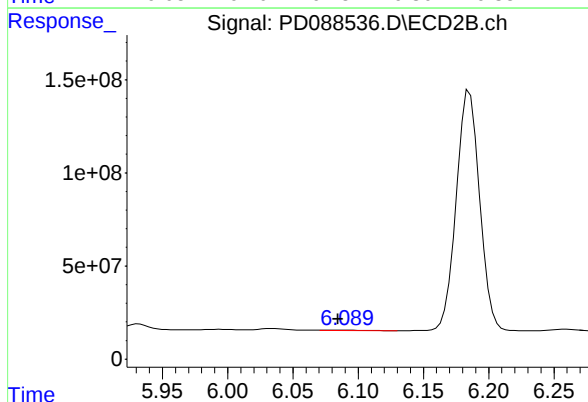
R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 916213544
Conc: 50.33 ng/ml



#15 Endosulfan II

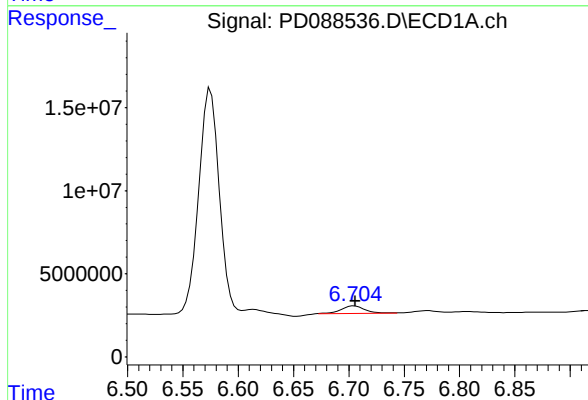
R.T.: 6.771 min
Delta R.T.: -0.016 min
Response: 1999792
Conc: 0.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



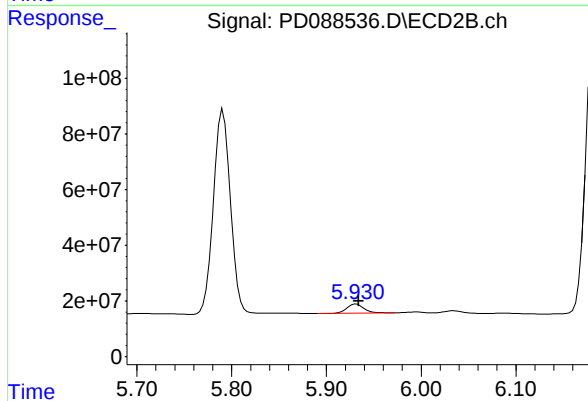
#15 Endosulfan II

R.T.: 6.088 min
Delta R.T.: 0.004 min
Response: 3181263
Conc: 0.18 ng/ml



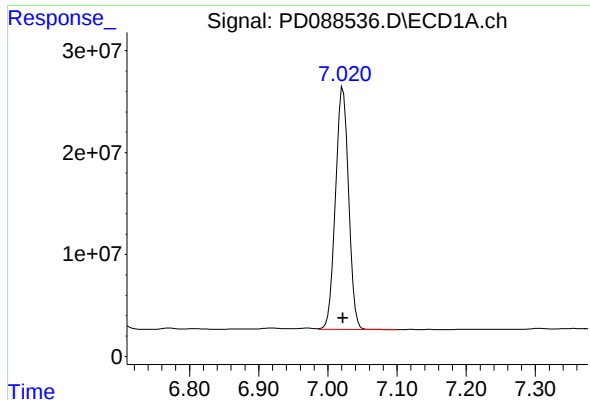
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 6622362
Conc: 2.63 ng/ml



#16 4,4'-DDD

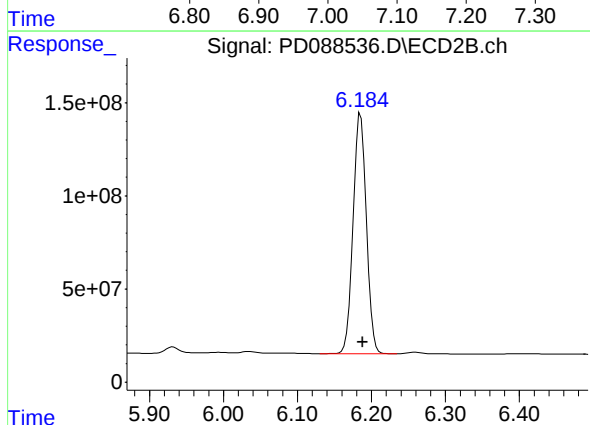
R.T.: 5.931 min
Delta R.T.: -0.003 min
Response: 40303261
Conc: 2.46 ng/ml



#17 4,4'-DDT

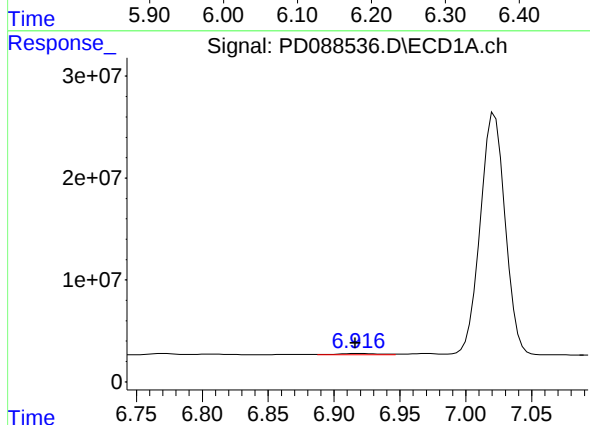
R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 312704240
Conc: 112.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



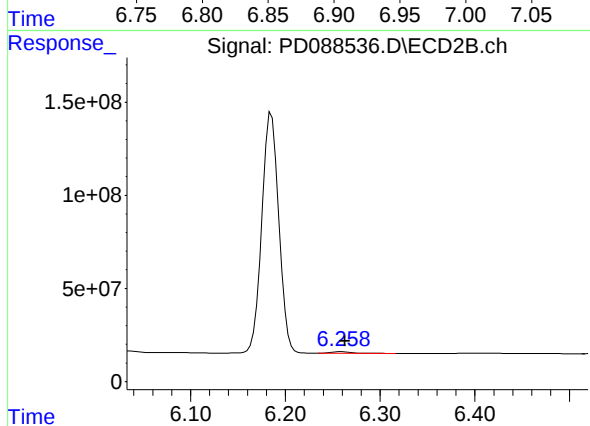
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 1608485138
Conc: 94.53 ng/ml



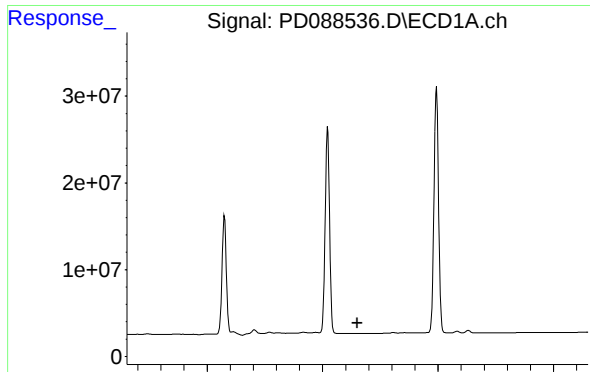
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: 0.002 min
Response: 2828070
Conc: 1.23 ng/ml



#18 Endrin aldehyde

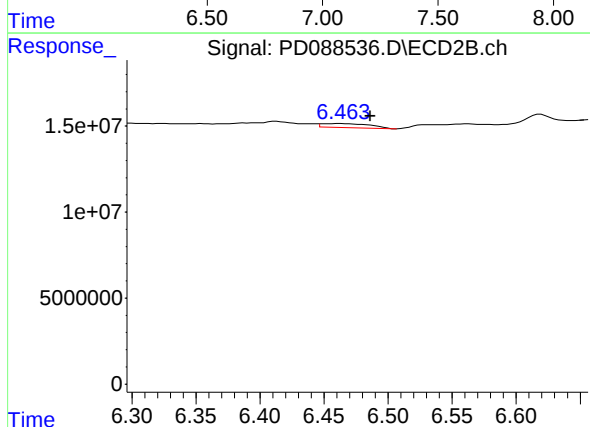
R.T.: 6.260 min
Delta R.T.: -0.003 min
Response: 12805372
Conc: 0.96 ng/ml



#19 Endosulfan Sulfate

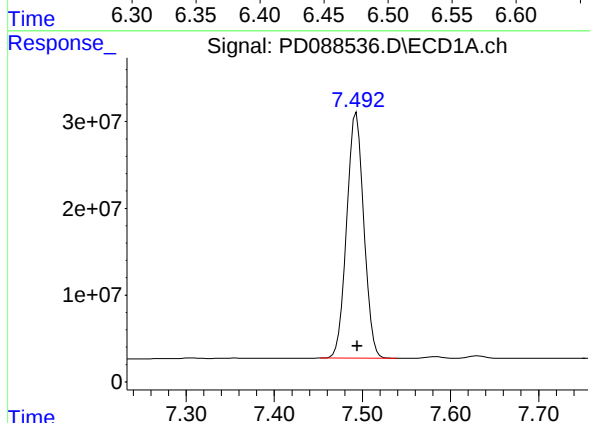
R.T.: 0.000 min
Exp R.T.: 7.150 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



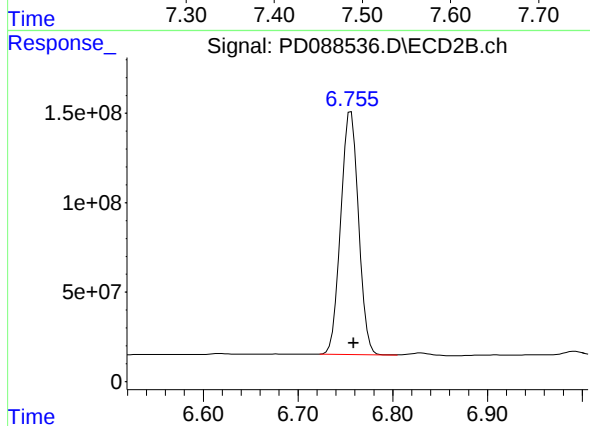
#19 Endosulfan Sulfate

R.T.: 6.463 min
Delta R.T.: -0.023 min
Response: 5874673
Conc: 0.34 ng/ml



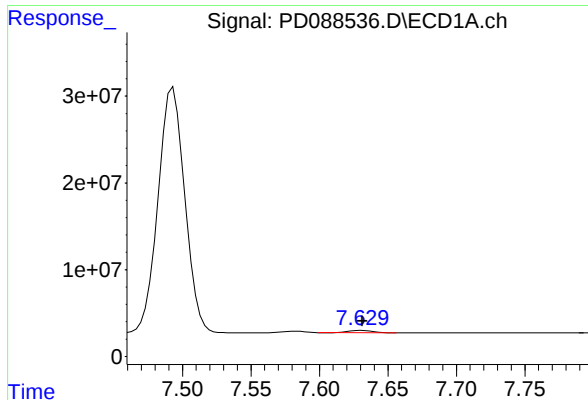
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: -0.001 min
Response: 383609476
Conc: 255.82 ng/ml



#20 Methoxychlor

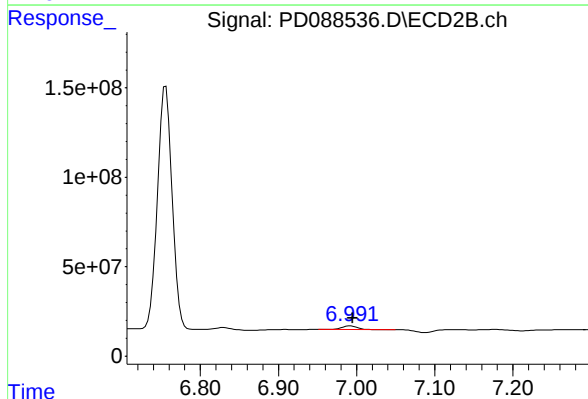
R.T.: 6.756 min
Delta R.T.: -0.003 min
Response: 1770726355
Conc: 194.14 ng/ml



#21 Endrin ketone

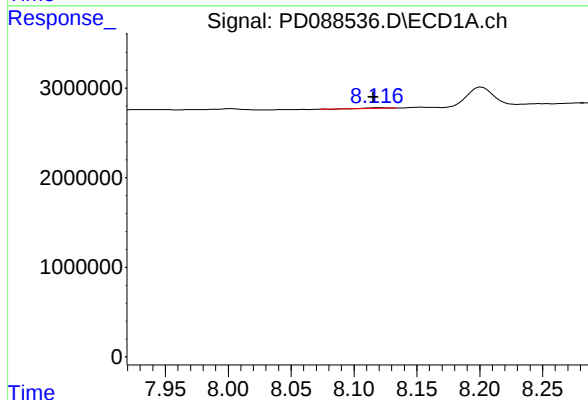
R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 3153341
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



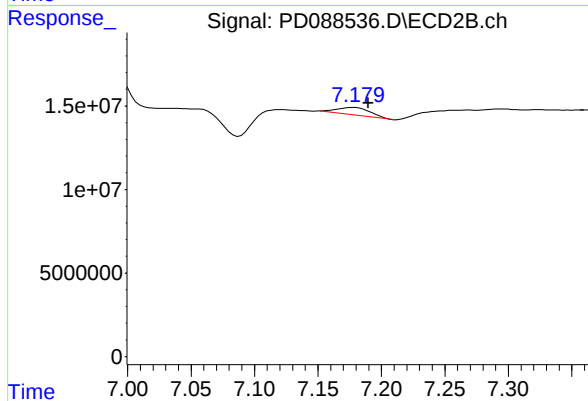
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.003 min
Response: 27177282
Conc: 1.45 ng/ml



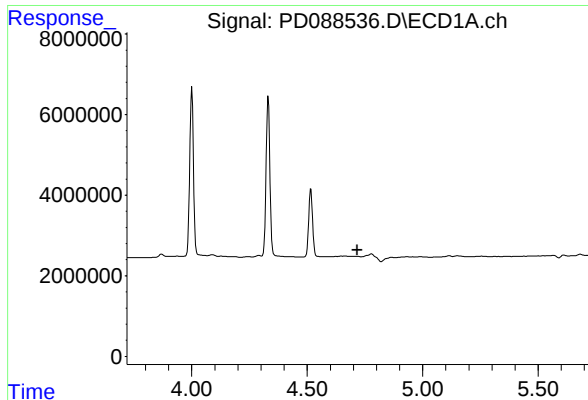
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.005 min
Response: 84295
Conc: 0.04 ng/ml



#22 Mirex

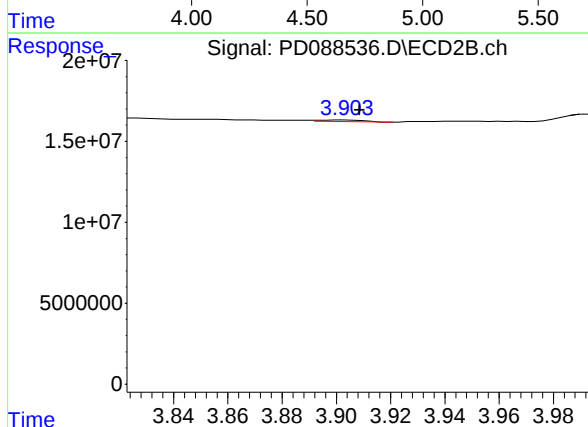
R.T.: 7.178 min
Delta R.T.: -0.011 min
Response: 8091094
Conc: 0.55 ng/ml



#23 Chlordane-1

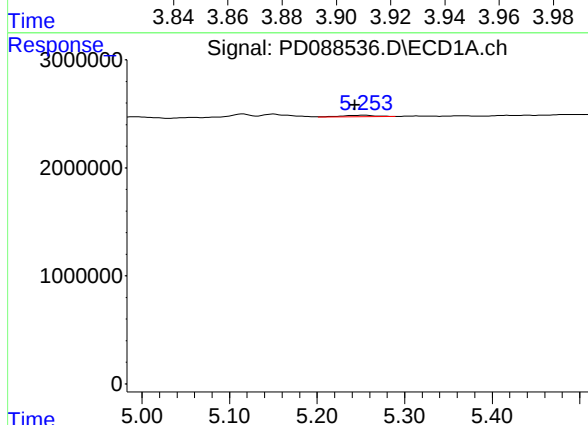
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



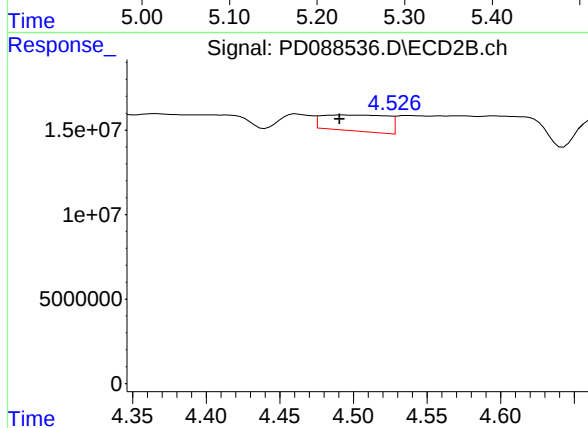
#23 Chlordane-1

R.T.: 3.903 min
Delta R.T.: -0.006 min
Response: 1125325
Conc: 1.40 ng/ml



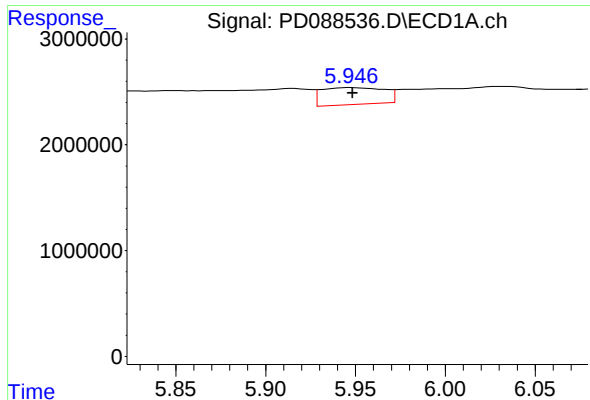
#24 Chlordane-2

R.T.: 5.255 min
Delta R.T.: 0.011 min
Response: 379199
Conc: 2.28 ng/ml



#24 Chlordane-2

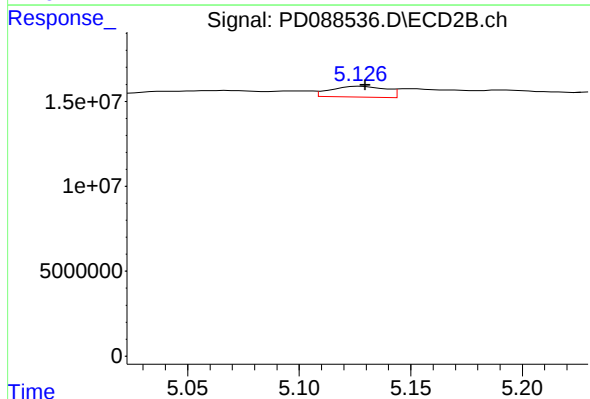
R.T.: 4.493 min
Delta R.T.: 0.002 min
Response: 29218042
Conc: 35.40 ng/ml



#25 Chlordane-3

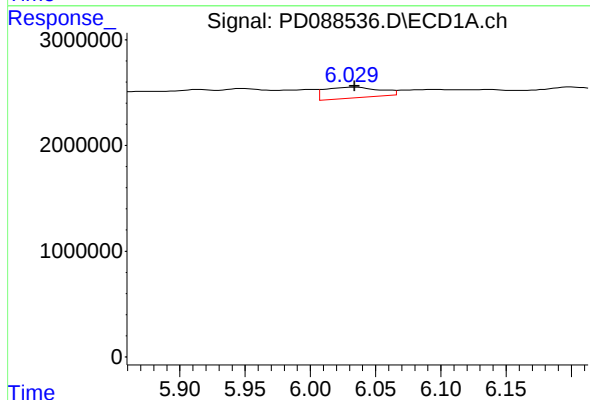
R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 3876369
Conc: 5.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



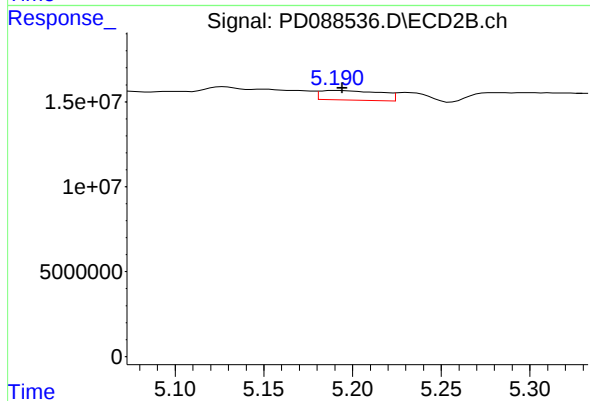
#25 Chlordane-3

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 11031054
Conc: 4.36 ng/ml



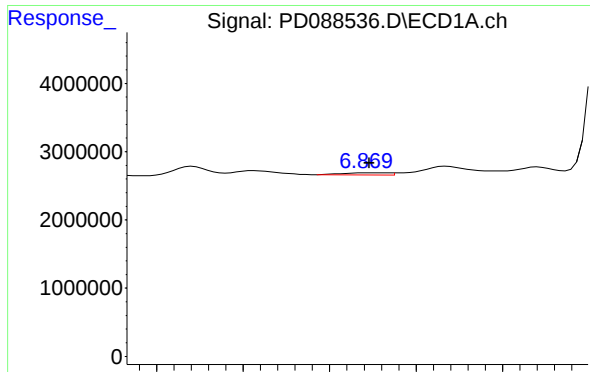
#26 Chlordane-4

R.T.: 6.033 min
Delta R.T.: -0.001 min
Response: 2977167
Conc: 3.65 ng/ml



#26 Chlordane-4

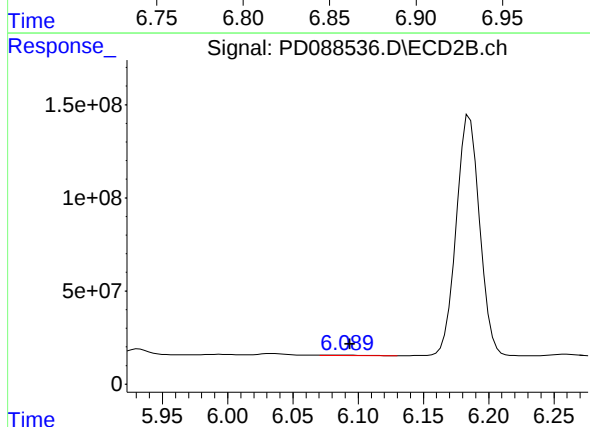
R.T.: 5.191 min
Delta R.T.: -0.003 min
Response: 13442115
Conc: 6.29 ng/ml



#27 Chlordane-5

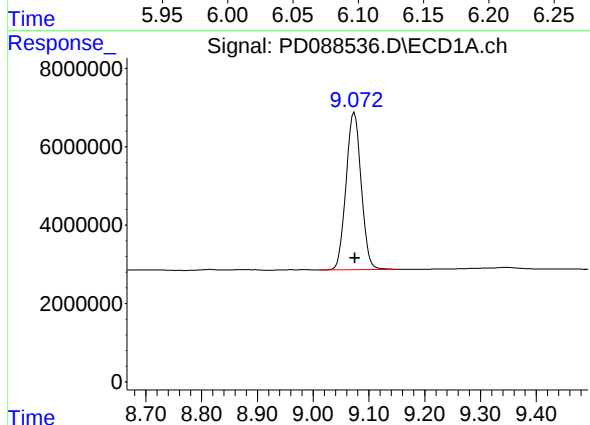
R.T.: 6.871 min
Delta R.T.: -0.002 min
Response: 574232
Conc: 4.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



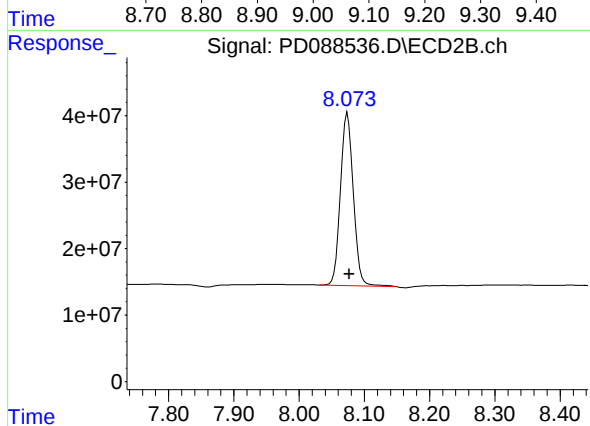
#27 Chlordane-5

R.T.: 6.088 min
Delta R.T.: -0.005 min
Response: 3181263
Conc: 3.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: -0.001 min
Response: 75566561
Conc: 22.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.003 min
Response: 356885540
Conc: 19.31 ng/ml