

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051525\
 Data File : PD088564.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 14:00
 Operator : AR\AJ
 Sample : Q1984-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OU4-TS-25-050725

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 02:19:13 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	29663289	203.4E6	14.851	13.912
2)	SA Decachlor...	9.077	8.074	19510317	100.0E6	5.898	5.412
Target Compounds							
2)	A alpha-BHC	4.018f	3.387	13593420	4269560	3.152	0.187 #
3)	MA gamma-BHC...	4.341	3.737	10366275	21066139	2.476	0.978 #
4)	MA Heptachlor	4.956f	4.074	8133501	22736469	2.014	1.063 #
6)	B beta-BHC	4.537f	0.000	949112	0	0.585	N.D. #
7)	B delta-BHC	4.781f	4.278	10512792	7405512	2.549	0.348 #
8)	B Heptachlo...	5.694	4.873	2124188	4812805	0.594	0.255 #
9)	A Endosulfan I	6.067	5.267f	1104076	45110102	0.327	2.504 #
10)	B gamma-Chl...	5.947	5.126	9663870	70408708	2.668	3.469 #
11)	B alpha-Chl...	6.031	5.193	10855530	62790383	3.007	3.203
12)	B 4,4'-DDE	6.197	5.377	5864625	44987036	1.778	2.284 #
13)	MA Dieldrin	6.351	5.513	2471366	15955419	0.693	0.800
14)	MA Endrin	6.579	5.792	1058984	24338992	0.355	1.337 #
15)	B Endosulfa...	6.788	6.109f	1841940	3227747	0.589	0.184 #
16)	A 4,4'-DDD	6.695	5.938	4586215	-4865062	1.824	N.D. #
17)	MA 4,4'-DDT	7.048f	6.200	3286377	71678987	1.183	4.212 #
18)	B Endrin al...	6.937f	6.247f	6666265	130.3E6	2.888	9.798 #
19)	B Endosulfa...	7.121f	0.000	357169	0	0.124	N.D. #
20)	A Methoxychlor	7.482	0.000	545613	0	0.364	N.D. #
21)	B Endrin ke...	0.000	6.975f	0	2715679	N.D.	0.145 #
22)	Mirex	0.000	7.178	0	16725364	N.D.	1.128 #
23)	Chlordane-1	4.718	3.904	-3512809	34505633	N.D.	43.040
24)	Chlordane-2	5.238	4.492	3321583	8835978	19.946	10.706 #
25)	Chlordane-3	5.947	5.126	9663870	70408708	14.327	27.840 #
26)	Chlordane-4	6.031	5.193	10855530	62790383	13.314	29.367 #
27)	Chlordane-5	6.866	6.109	565117	3227747	4.159	3.343

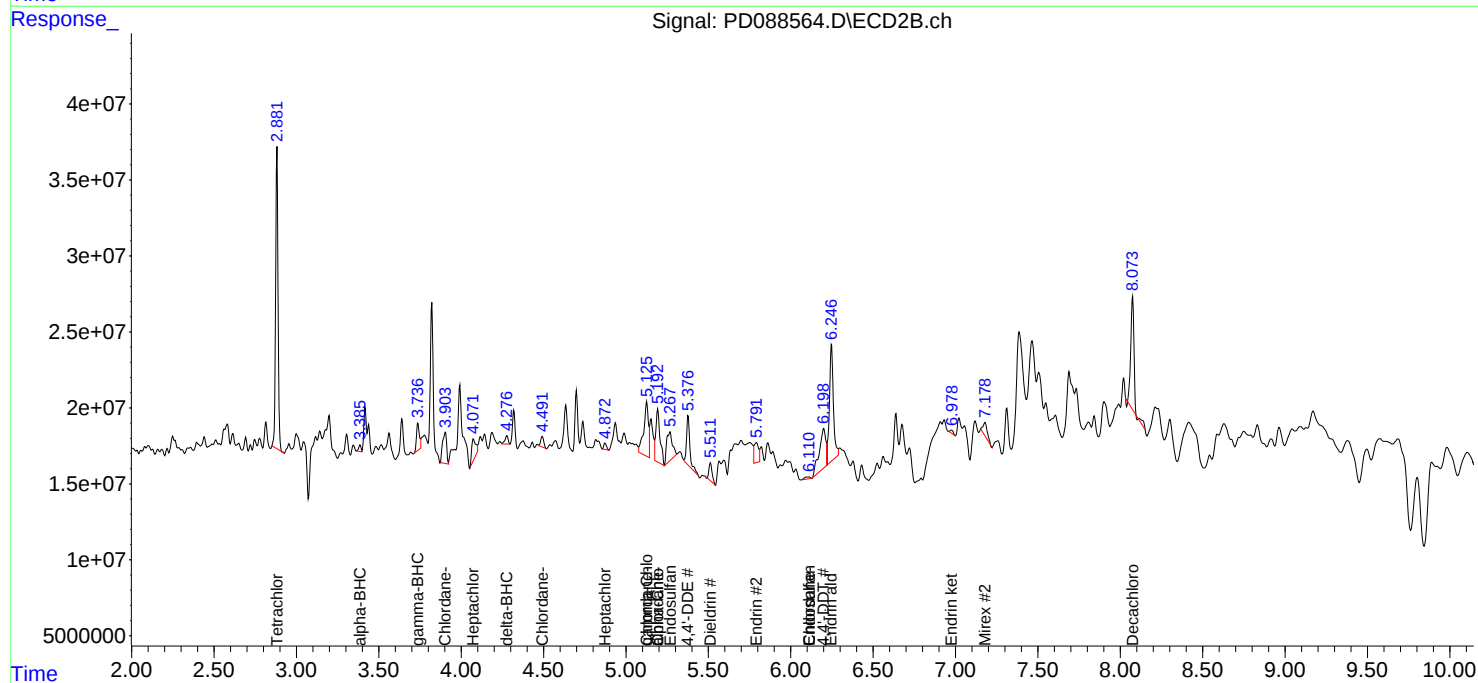
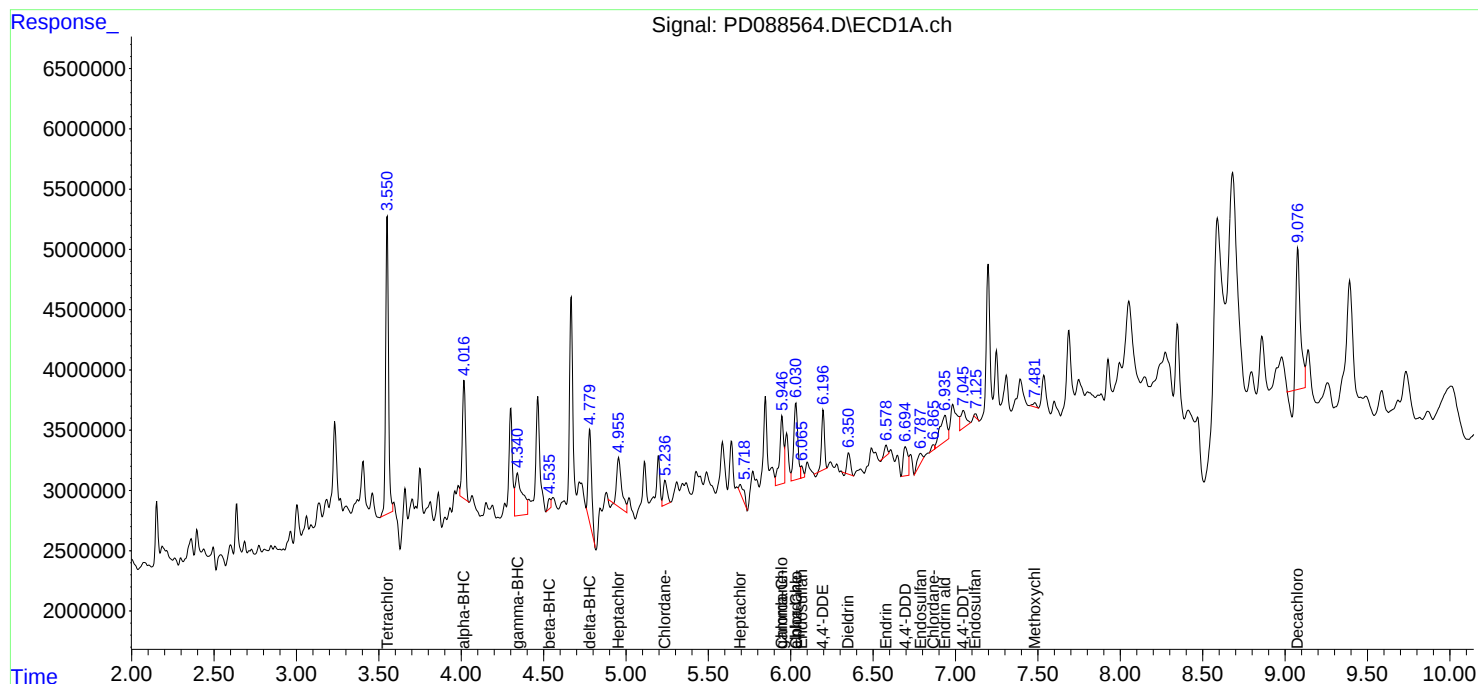
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

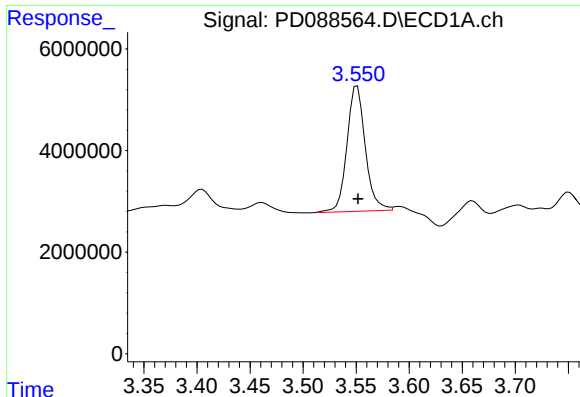
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051525\
Data File : PD088564.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 14:00
Operator : AR\AJ
Sample : Q1984-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
OU4-TS-25-050725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 02:19:13 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

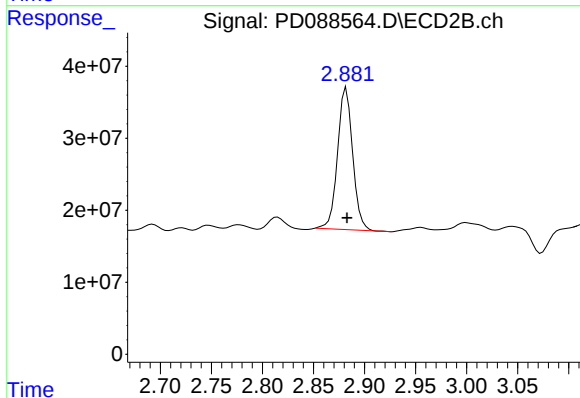




#1 Tetrachloro-m-xylene

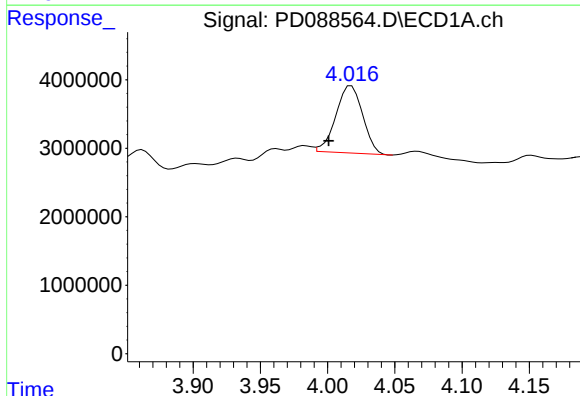
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 29663289
Conc: 14.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-25-050725



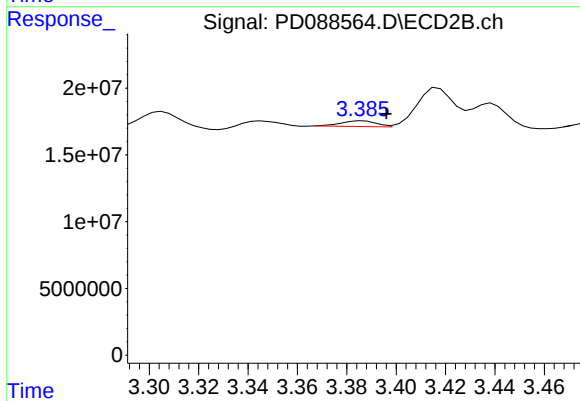
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 203422923
Conc: 13.91 ng/ml



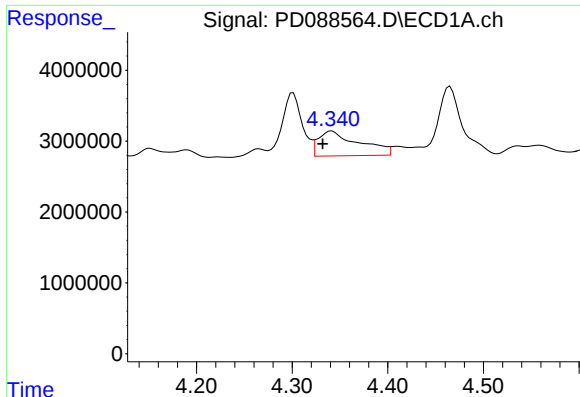
#2 alpha-BHC

R.T.: 4.018 min
Delta R.T.: 0.017 min
Response: 13593420
Conc: 3.15 ng/ml



#2 alpha-BHC

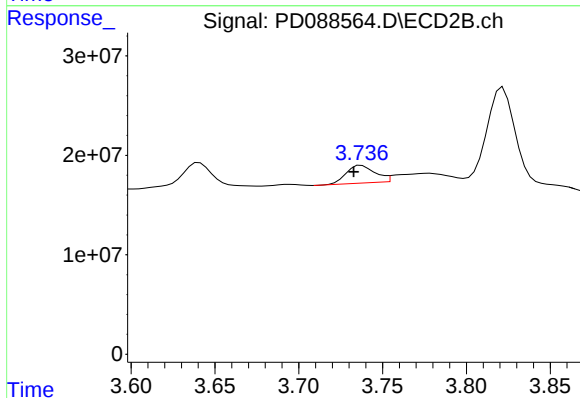
R.T.: 3.387 min
Delta R.T.: -0.009 min
Response: 4269560
Conc: 0.19 ng/ml



#3 gamma-BHC (Lindane)

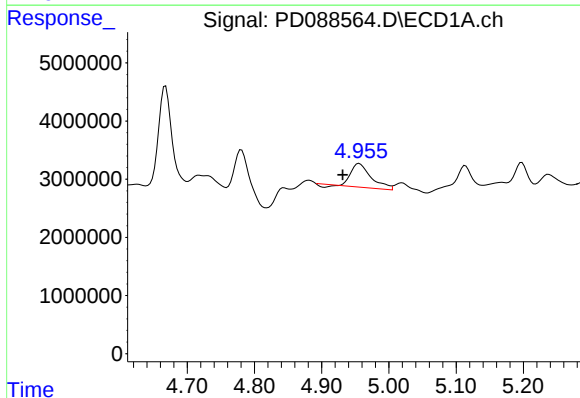
R.T.: 4.341 min
Delta R.T.: 0.010 min
Response: 10366275
Conc: 2.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-25-050725



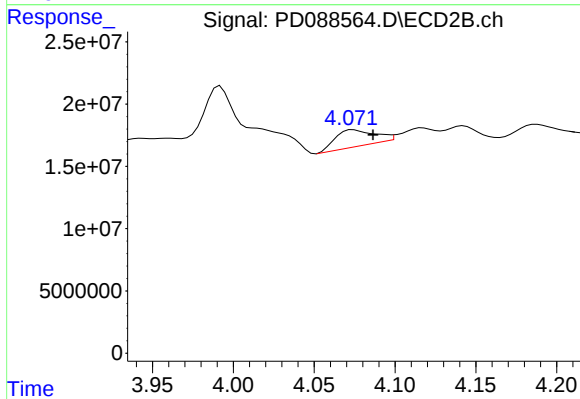
#3 gamma-BHC (Lindane)

R.T.: 3.737 min
Delta R.T.: 0.005 min
Response: 21066139
Conc: 0.98 ng/ml



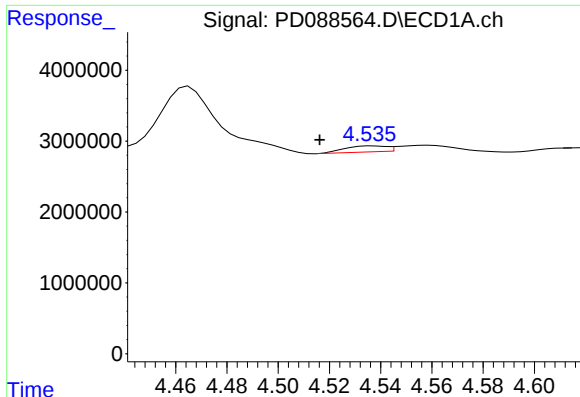
#4 Heptachlor

R.T.: 4.956 min
Delta R.T.: 0.024 min
Response: 8133501
Conc: 2.01 ng/ml



#4 Heptachlor

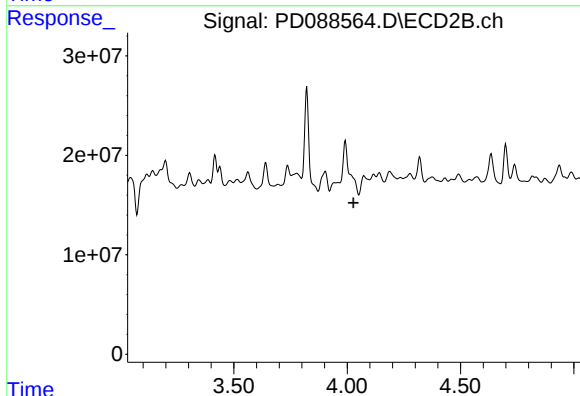
R.T.: 4.074 min
Delta R.T.: -0.012 min
Response: 22736469
Conc: 1.06 ng/ml



#6 beta-BHC

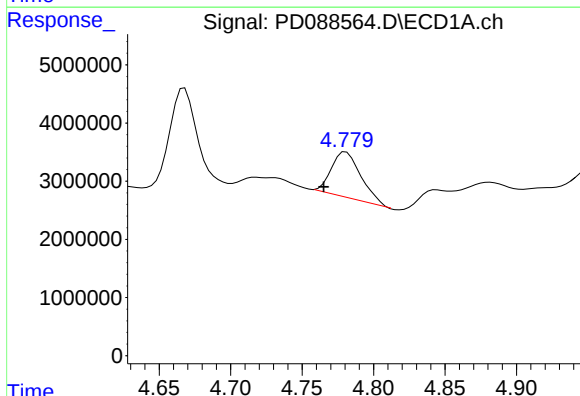
R.T.: 4.537 min
Delta R.T.: 0.021 min
Response: 949112
Conc: 0.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-25-050725



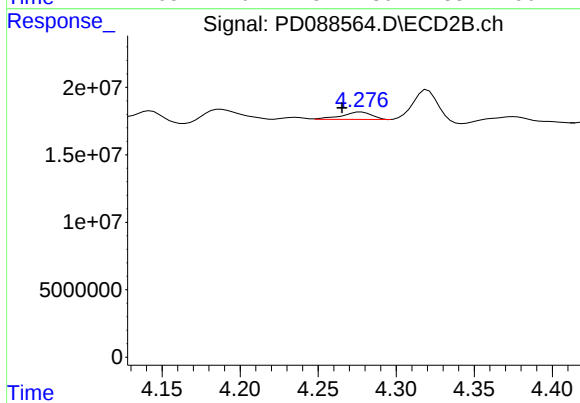
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.028 min
Response: 0
Conc: N.D.



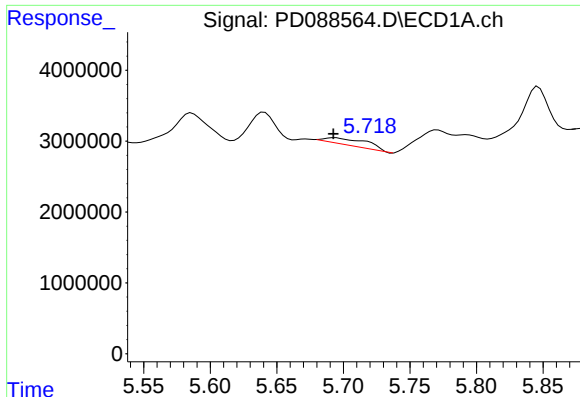
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.016 min
Response: 10512792
Conc: 2.55 ng/ml



#7 delta-BHC

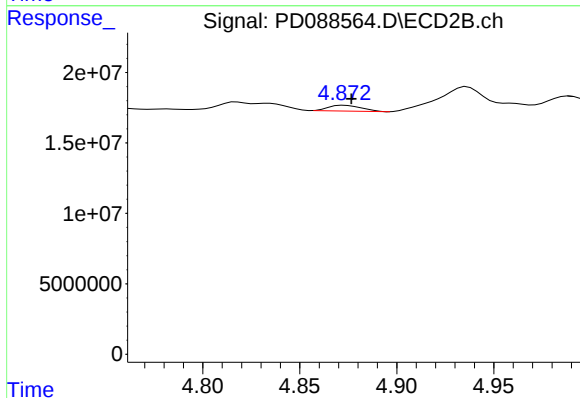
R.T.: 4.278 min
Delta R.T.: 0.012 min
Response: 7405512
Conc: 0.35 ng/ml



#8 Heptachlor epoxide

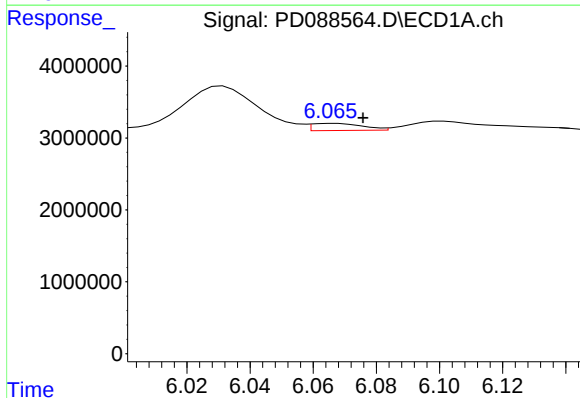
R.T.: 5.694 min
Delta R.T.: 0.001 min
Response: 2124188
Conc: 0.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-25-050725



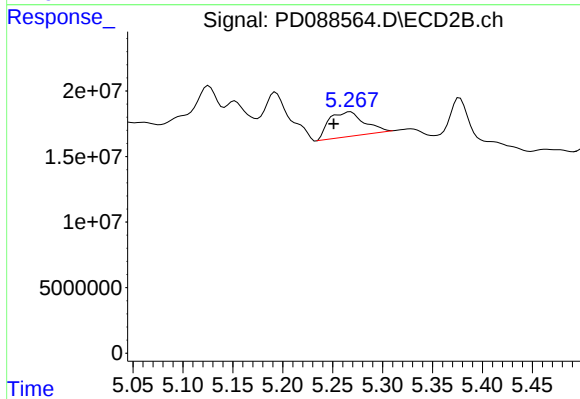
#8 Heptachlor epoxide

R.T.: 4.873 min
Delta R.T.: -0.003 min
Response: 4812805
Conc: 0.25 ng/ml



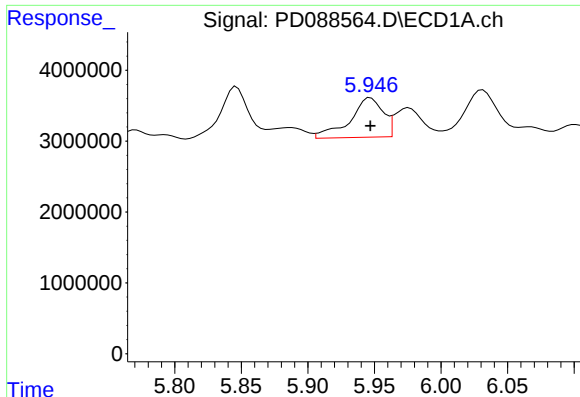
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.009 min
Response: 1104076
Conc: 0.33 ng/ml



#9 Endosulfan I

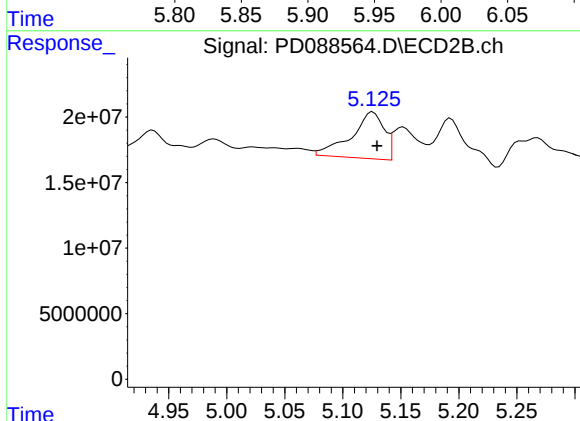
R.T.: 5.267 min
Delta R.T.: 0.016 min
Response: 45110102
Conc: 2.50 ng/ml



#10 gamma-Chlordane

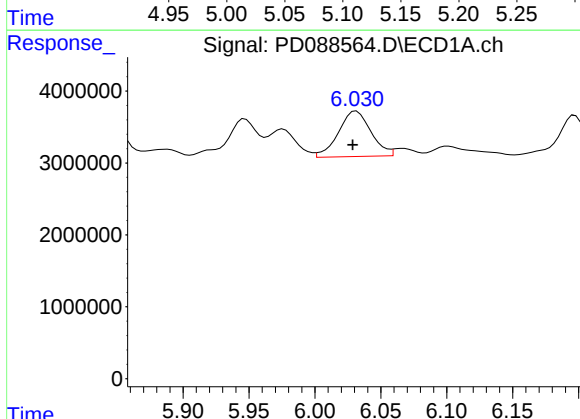
R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 9663870
Conc: 2.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-25-050725



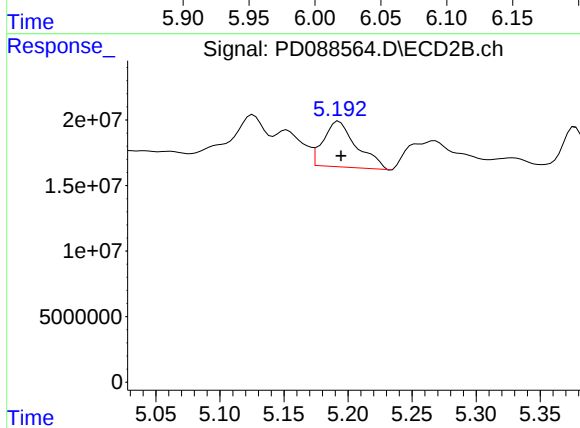
#10 gamma-Chlordane

R.T.: 5.126 min
Delta R.T.: -0.003 min
Response: 70408708
Conc: 3.47 ng/ml



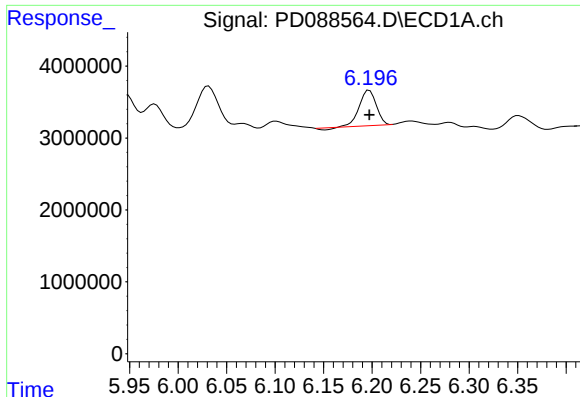
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.003 min
Response: 10855530
Conc: 3.01 ng/ml



#11 alpha-Chlordane

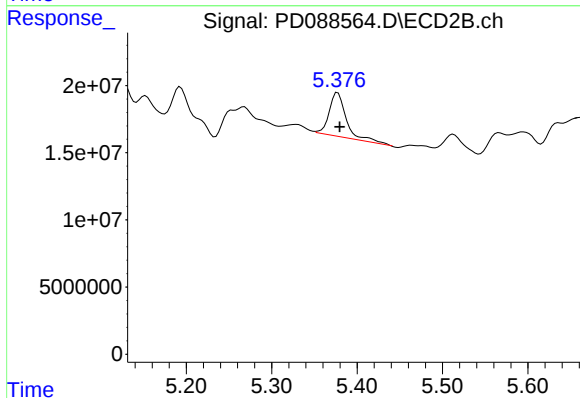
R.T.: 5.193 min
Delta R.T.: -0.001 min
Response: 62790383
Conc: 3.20 ng/ml



#12 4,4'-DDE

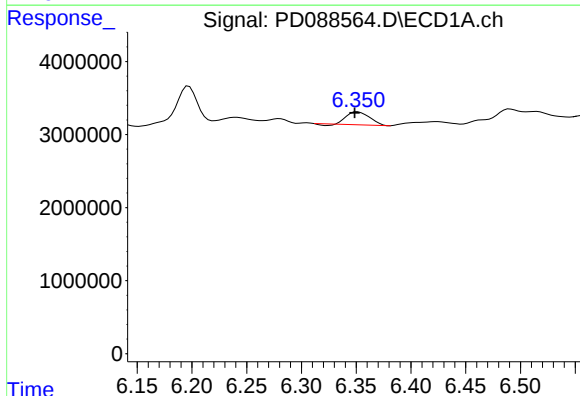
R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 5864625
Conc: 1.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-25-050725



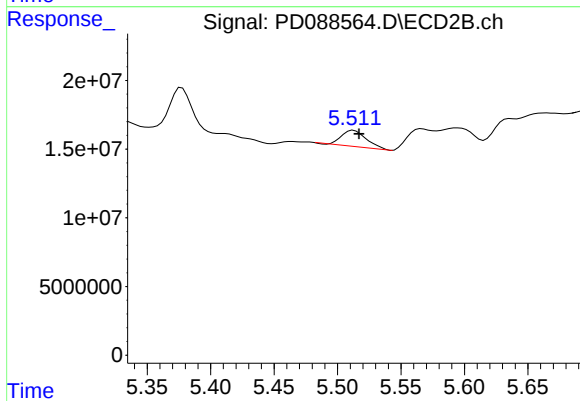
#12 4,4'-DDE

R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 44987036
Conc: 2.28 ng/ml



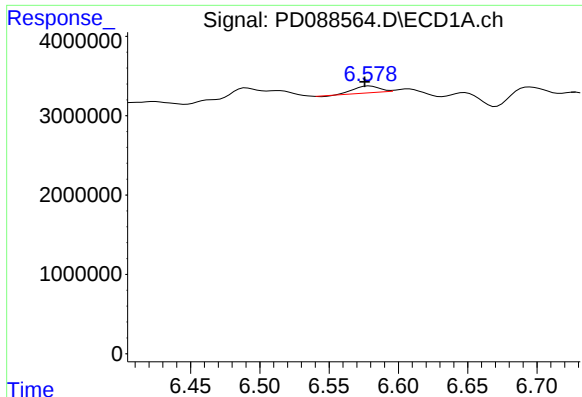
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.003 min
Response: 2471366
Conc: 0.69 ng/ml



#13 Dieldrin

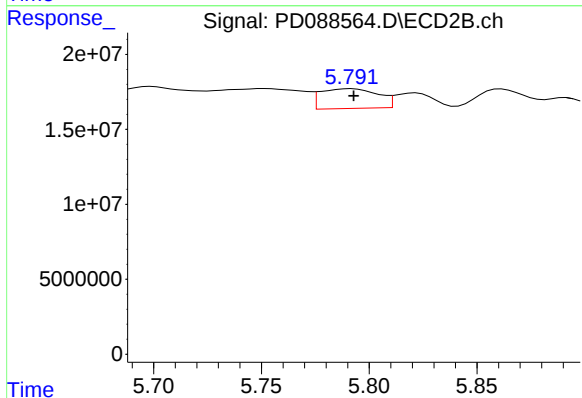
R.T.: 5.513 min
Delta R.T.: -0.004 min
Response: 15955419
Conc: 0.80 ng/ml



#14 Endrin

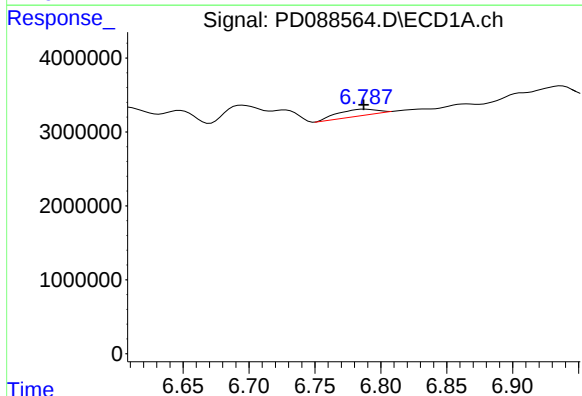
R.T.: 6.579 min
Delta R.T.: 0.004 min
Response: 1058984
Conc: 0.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-25-050725



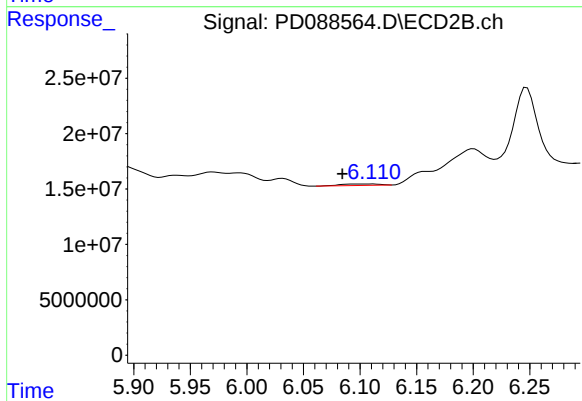
#14 Endrin

R.T.: 5.792 min
Delta R.T.: -0.001 min
Response: 24338992
Conc: 1.34 ng/ml



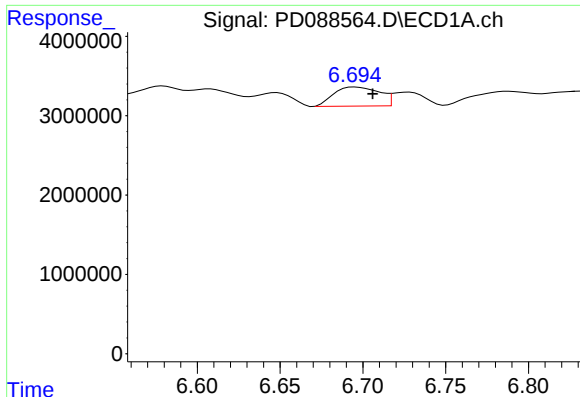
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.001 min
Response: 1841940
Conc: 0.59 ng/ml



#15 Endosulfan II

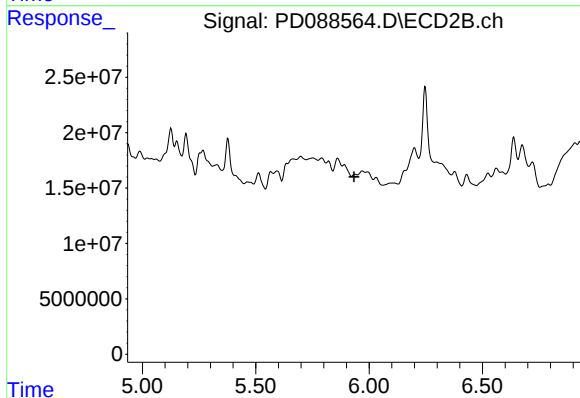
R.T.: 6.109 min
Delta R.T.: 0.024 min
Response: 3227747
Conc: 0.18 ng/ml



#16 4,4'-DDD

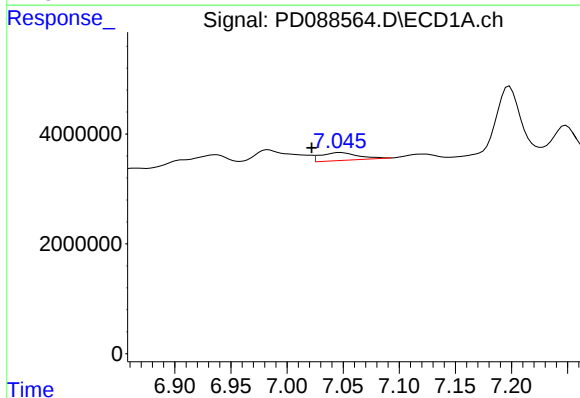
R.T.: 6.695 min
Delta R.T.: -0.011 min
Response: 4586215
Conc: 1.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-25-050725



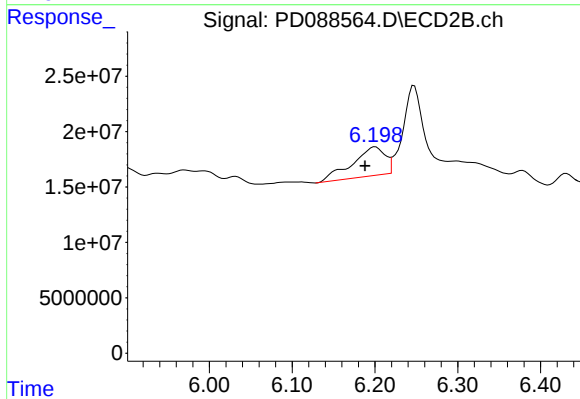
#16 4,4'-DDD

R.T.: 5.938 min
Delta R.T.: 0.004 min
Response: -4865062
Conc: N.D.



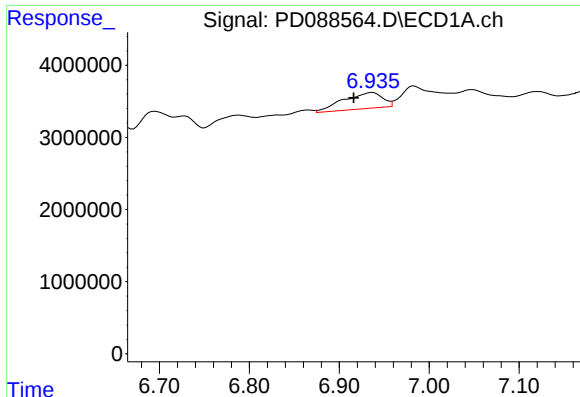
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: 0.026 min
Response: 3286377
Conc: 1.18 ng/ml



#17 4,4'-DDT

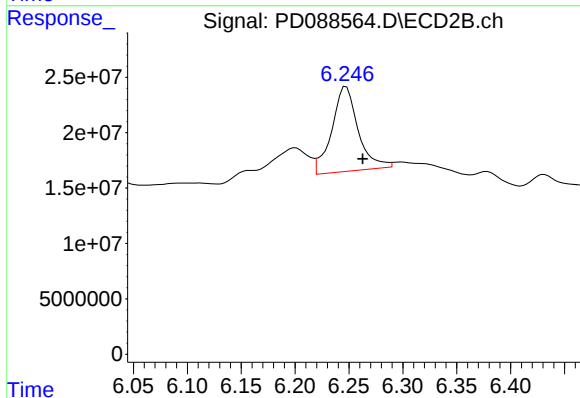
R.T.: 6.200 min
Delta R.T.: 0.012 min
Response: 71678987
Conc: 4.21 ng/ml



#18 Endrin aldehyde

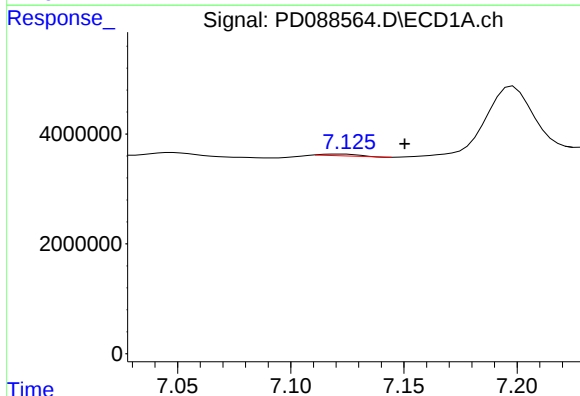
R.T.: 6.937 min
Delta R.T.: 0.021 min
Response: 6666265
Conc: 2.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-25-050725



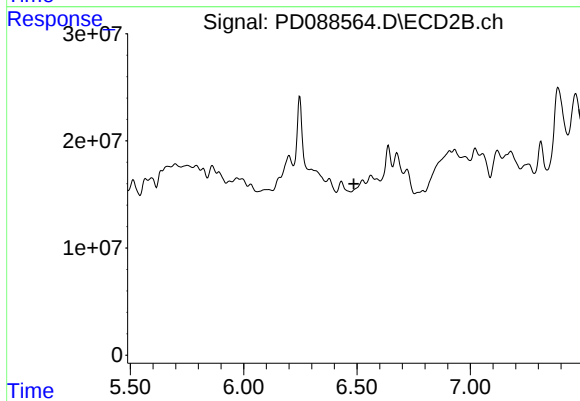
#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.015 min
Response: 130329005
Conc: 9.80 ng/ml



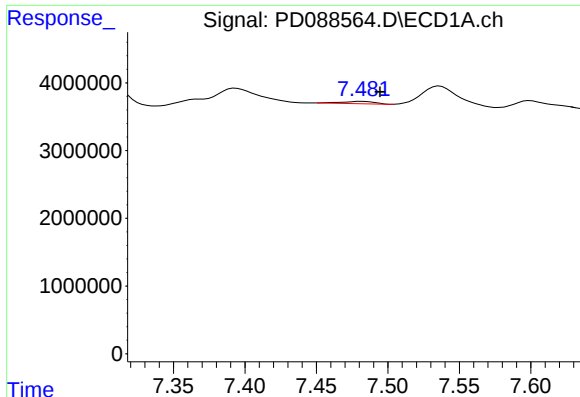
#19 Endosulfan Sulfate

R.T.: 7.121 min
Delta R.T.: -0.029 min
Response: 357169
Conc: 0.12 ng/ml



#19 Endosulfan Sulfate

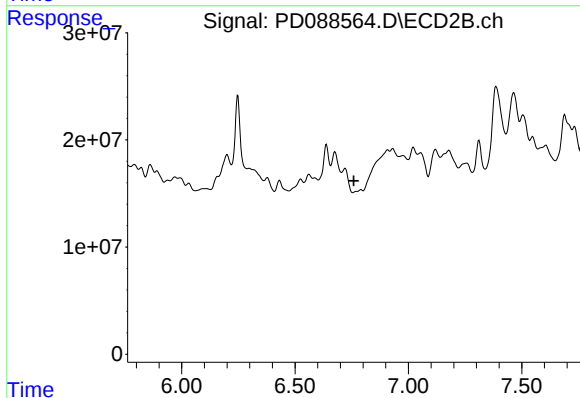
R.T.: 0.000 min
Exp R.T.: 6.486 min
Response: 0
Conc: N.D.



#20 Methoxychlor

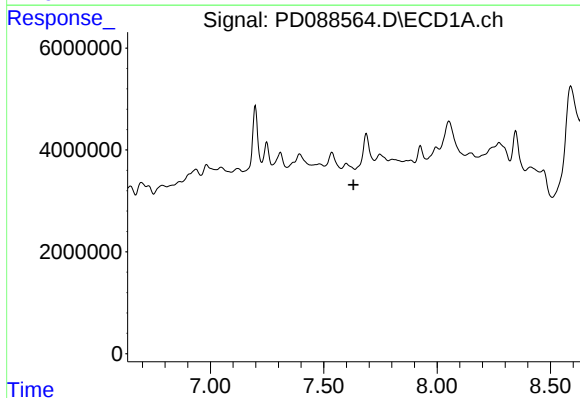
R.T.: 7.482 min
Delta R.T.: -0.013 min
Response: 545613
Conc: 0.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-25-050725



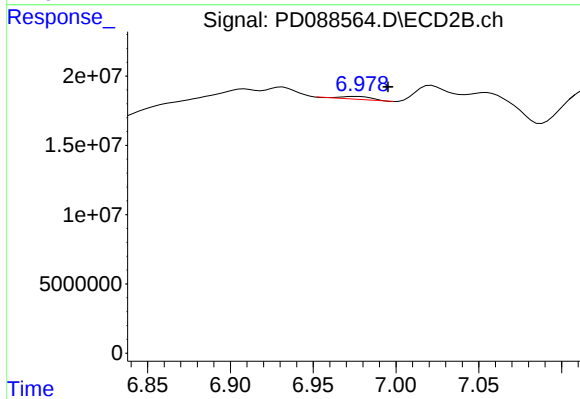
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 6.759 min
Response: 0
Conc: N.D.



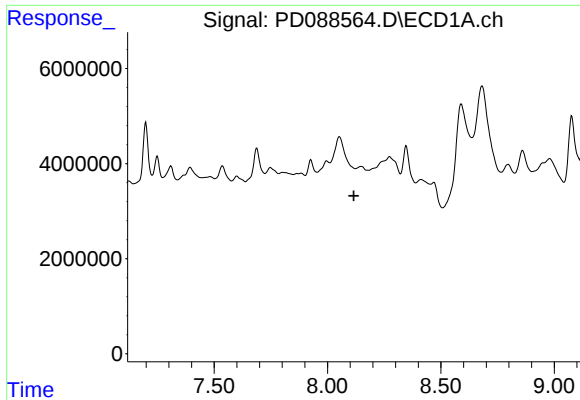
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 7.631 min
Response: 0
Conc: N.D.



#21 Endrin ketone

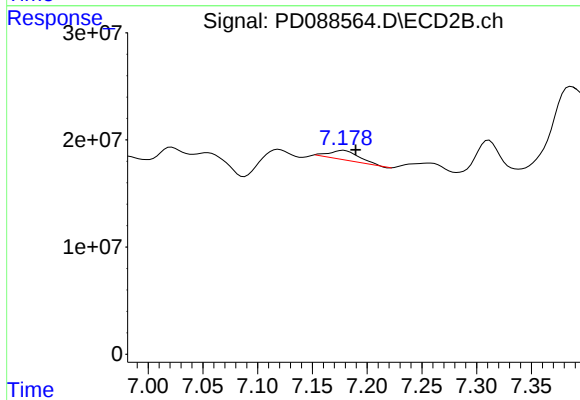
R.T.: 6.975 min
Delta R.T.: -0.020 min
Response: 2715679
Conc: 0.15 ng/ml



#22 Mirex

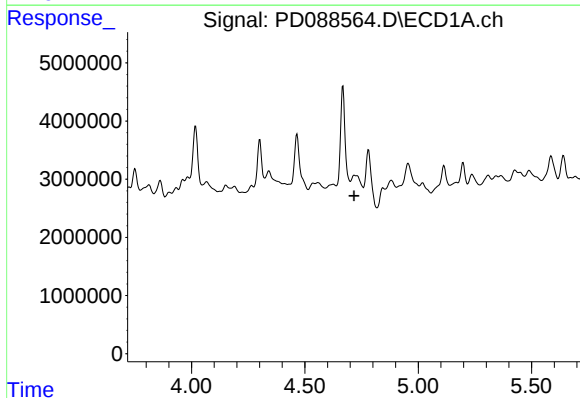
R.T.: 0.000 min
Exp R.T.: 8.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
OU4-TS-25-050725



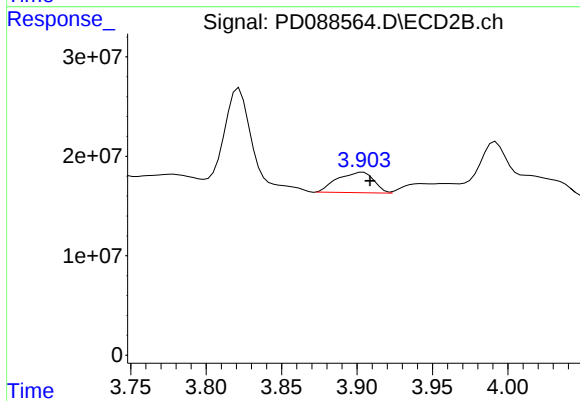
#22 Mirex

R.T.: 7.178 min
Delta R.T.: -0.012 min
Response: 16725364
Conc: 1.13 ng/ml



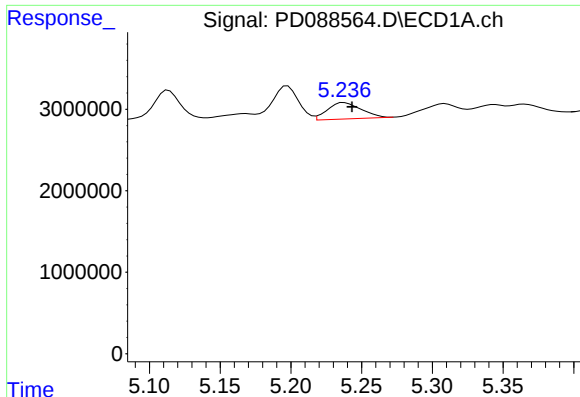
#23 Chlordane-1

R.T.: 4.718 min
Delta R.T.: 0.001 min
Response: -3512809
Conc: N.D.



#23 Chlordane-1

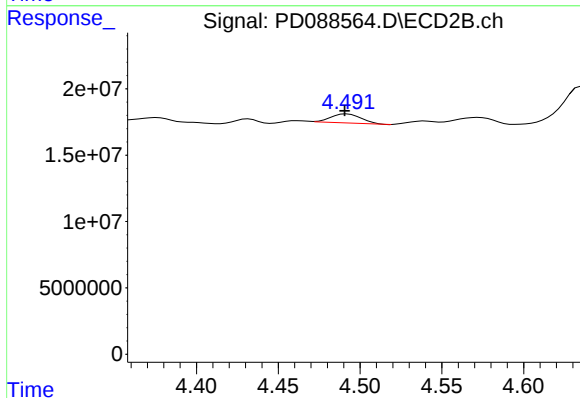
R.T.: 3.904 min
Delta R.T.: -0.005 min
Response: 34505633
Conc: 43.04 ng/ml



#24 Chlordane-2

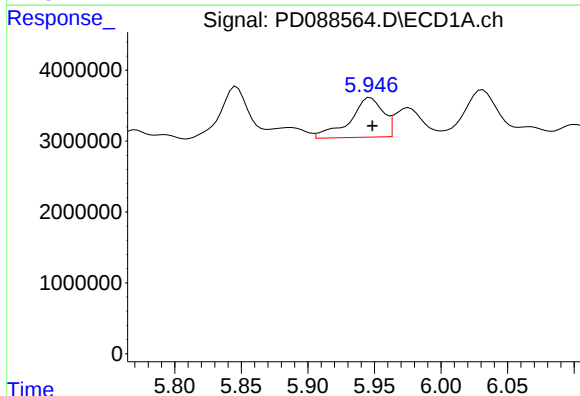
R.T.: 5.238 min
Delta R.T.: -0.006 min
Response: 3321583
Conc: 19.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-25-050725



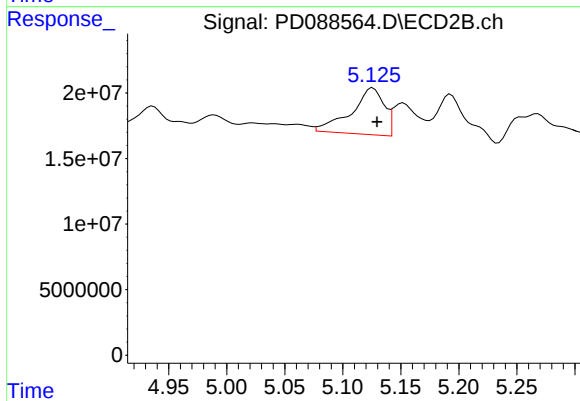
#24 Chlordane-2

R.T.: 4.492 min
Delta R.T.: 0.001 min
Response: 8835978
Conc: 10.71 ng/ml



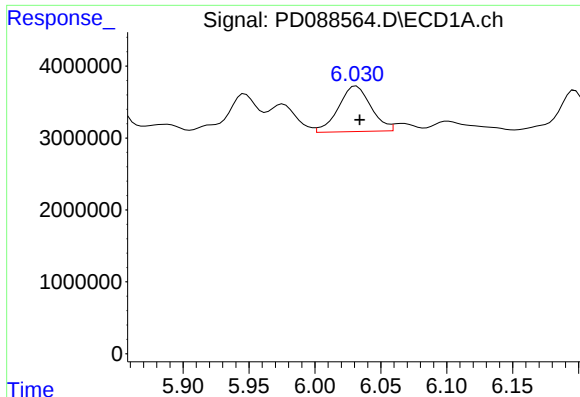
#25 Chlordane-3

R.T.: 5.947 min
Delta R.T.: -0.001 min
Response: 9663870
Conc: 14.33 ng/ml



#25 Chlordane-3

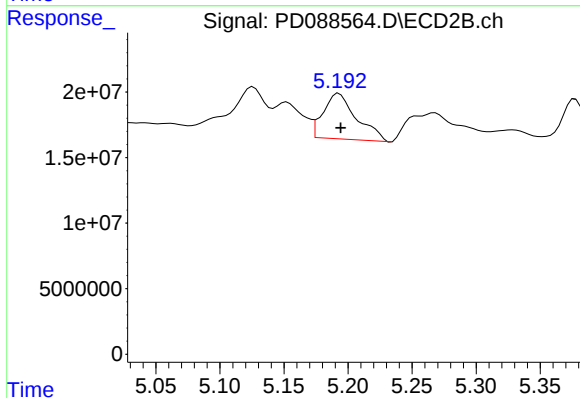
R.T.: 5.126 min
Delta R.T.: -0.004 min
Response: 70408708
Conc: 27.84 ng/ml



#26 Chlordane-4

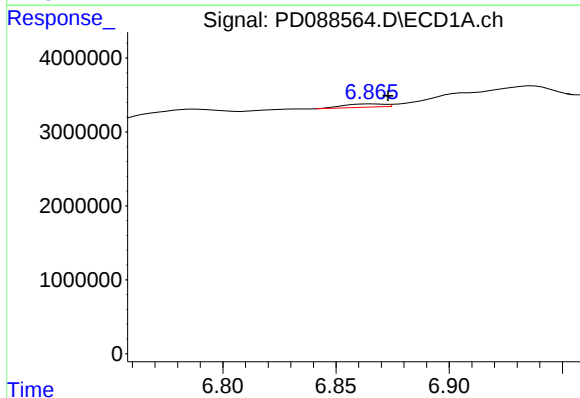
R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 10855530
Conc: 13.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-25-050725



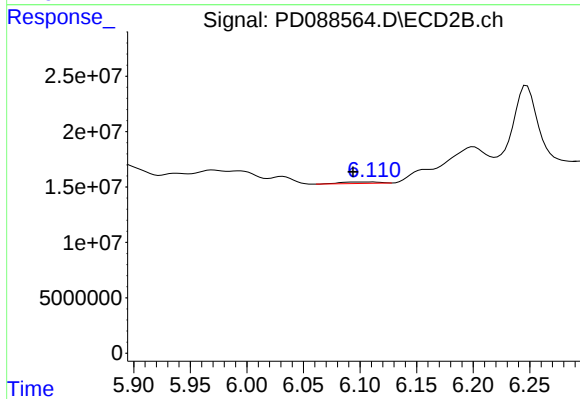
#26 Chlordane-4

R.T.: 5.193 min
Delta R.T.: -0.001 min
Response: 62790383
Conc: 29.37 ng/ml



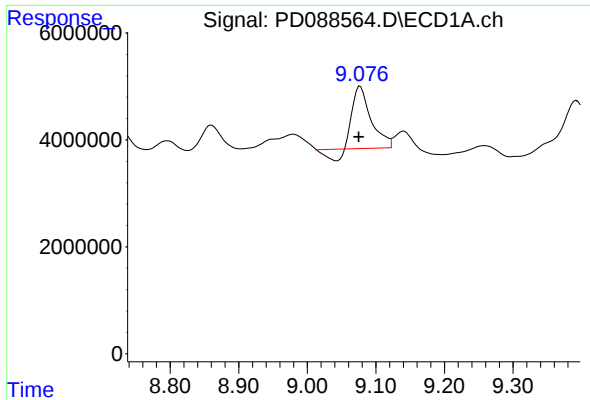
#27 Chlordane-5

R.T.: 6.866 min
Delta R.T.: -0.007 min
Response: 565117
Conc: 4.16 ng/ml



#27 Chlordane-5

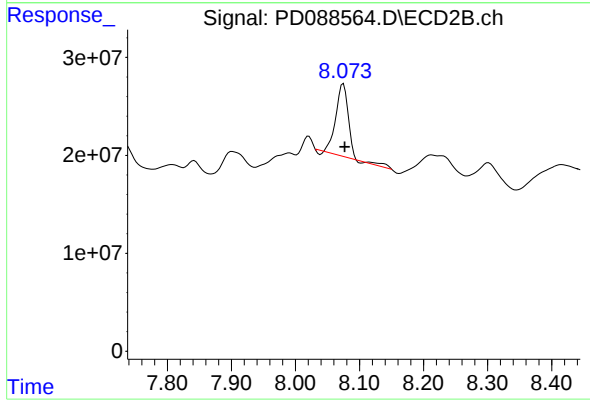
R.T.: 6.109 min
Delta R.T.: 0.015 min
Response: 3227747
Conc: 3.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.002 min
Response: 19510317
Conc: 5.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-25-050725



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.002 min
Response: 100016838
Conc: 5.41 ng/ml