

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062525\
 Data File : PD089139.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2025 17:40
 Operator : AR\AJ
 Sample : Q2412-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TR-05-062425

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 06:40:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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

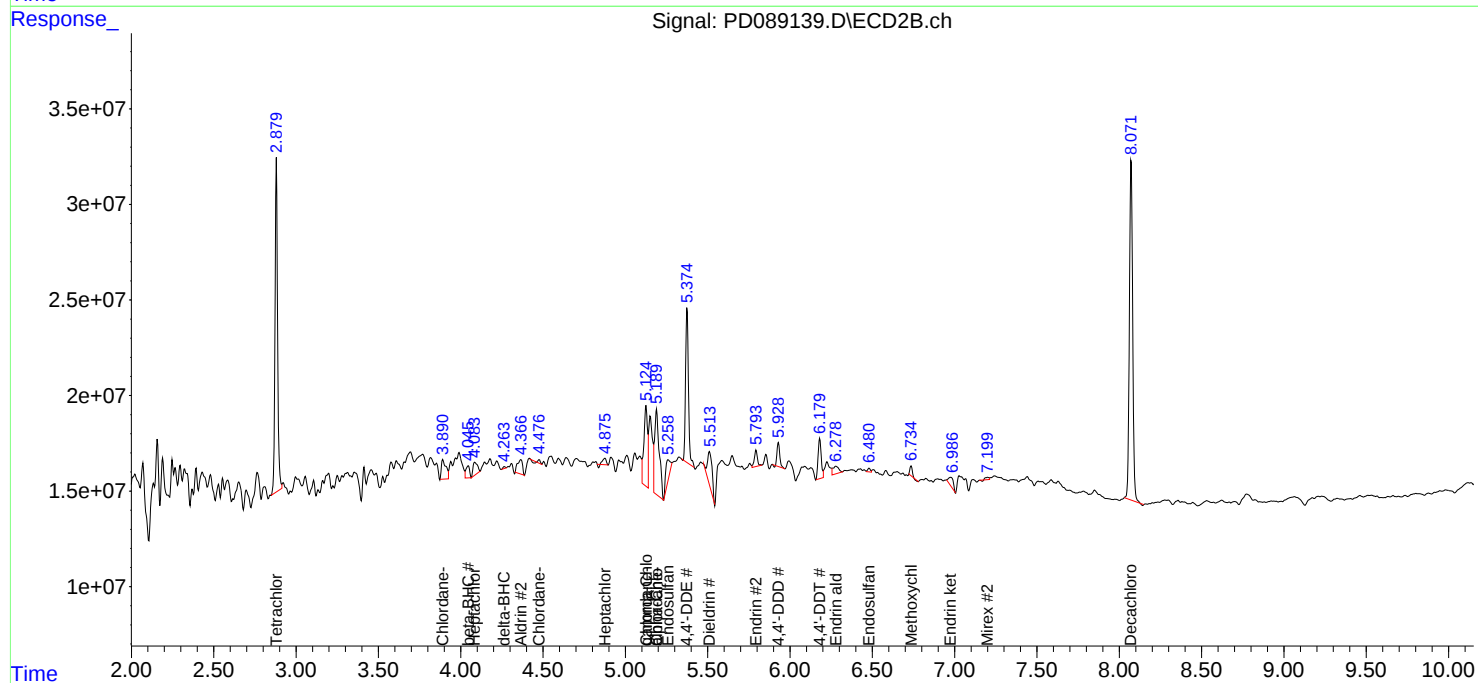
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

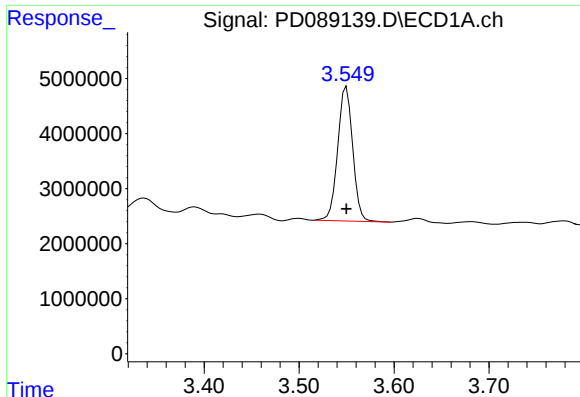
System Monitoring Compounds							
1)	SA Tetrachlo...	3.550	2.881	26821609	188.1E6	9.401	11.097
28)	SA Decachlor...	9.073	8.072	56145406	244.3E6	14.295	12.359
Target Compounds							
2)	A alpha-BHC	3.990	3.413f	951791	-2499402	0.163	N.D. #
3)	MA gamma-BHC...	4.336	0.000	1766209	0	0.316	N.D. #
4)	MA Heptachlor	4.931	4.085	1317742	12329806	0.242	0.492 #
5)	MB Aldrin	5.290f	4.366	929025	15825919	0.175	0.653 #
6)	B beta-BHC	4.529	4.047f	342075	9840089	0.155	0.916 #
7)	B delta-BHC	4.777	4.266	1224059	926570	0.238	0.037 #
8)	B Heptachlo...	5.683	4.876	568184	4292598	0.118	0.196 #
9)	A Endosulfan I	0.000	5.260	0	19733311	N.D.	0.947 #
10)	B gamma-Chl...	5.945	5.126	7057010	64834011	1.474	2.710 #
11)	B alpha-Chl...	6.031	5.190	12240525	88386723	2.530	3.860 #
12)	B 4,4'-DDE	6.196	5.375	13495769	98757851	3.095	4.310 #
13)	MA Dieldrin	6.372f	5.511	116660	35995313	0.024	1.551 #
14)	MA Endrin	6.572	5.794	240706	11112438	0.058	0.512 #
15)	B Endosulfa...	6.798	6.090	582108	-1619977	0.144	N.D. #
16)	A 4,4'-DDD	6.703	5.930	3107711	14299497	0.905	0.748
17)	MA 4,4'-DDT	7.020	6.181	3105627	27959880	0.820	1.379 #
18)	B Endrin al...	6.902	6.279f	111471	9483873	0.036	0.619 #
19)	B Endosulfa...	7.142	6.481	794643	2316617	0.207	0.118 #
20)	A Methoxychlor	0.000	6.736f	0	4943435	N.D.	0.459 #
21)	B Endrin ke...	7.618	6.976f	850647	9706331	0.209	0.449 #
22)	Mirex	8.117	7.201f	300886	1452714	0.099	0.087
23)	Chlordane-1	4.717	3.892	132687	19957015	0.620	21.407 #
24)	Chlordane-2	5.240	4.477	3186713	651082	14.597	0.684 #
25)	Chlordane-3	5.945	5.126	7057010	64834011	8.182	21.828 #
26)	Chlordane-4	6.031	5.190	12240525	88386723	11.650	35.260 #

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

Instrument :
ECD_D
ClientSampleId :
TR-05-062425

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

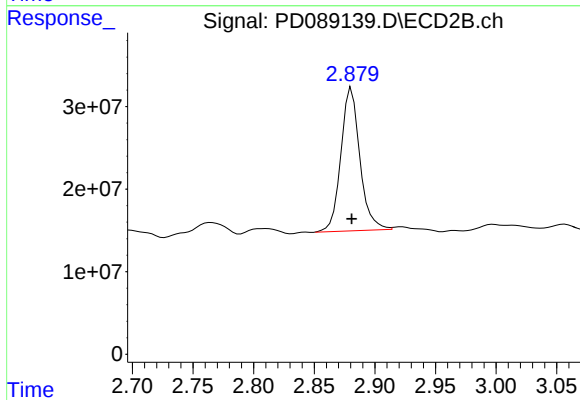




#1 Tetrachloro-m-xylene

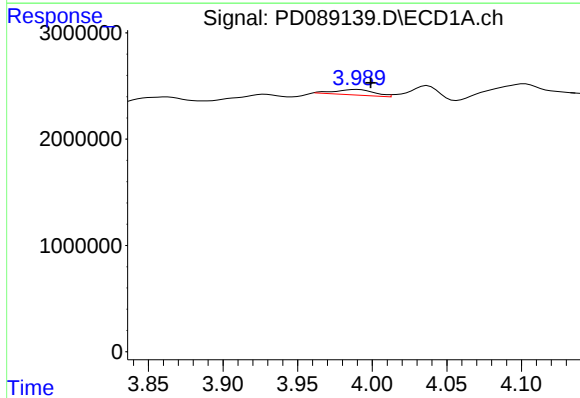
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 26821609
Conc: 9.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-062425



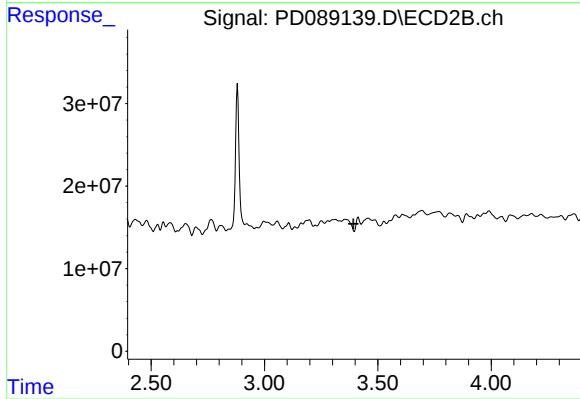
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 188134585
Conc: 11.10 ng/ml



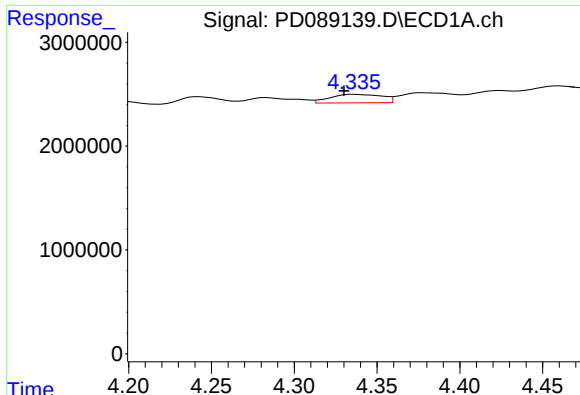
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.009 min
Response: 951791
Conc: 0.16 ng/ml



#2 alpha-BHC

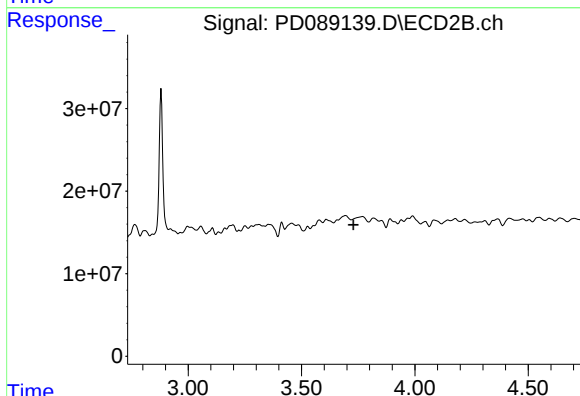
R.T.: 3.413 min
Delta R.T.: 0.020 min
Response: -2499402
Conc: N.D.



#3 gamma-BHC (Lindane)

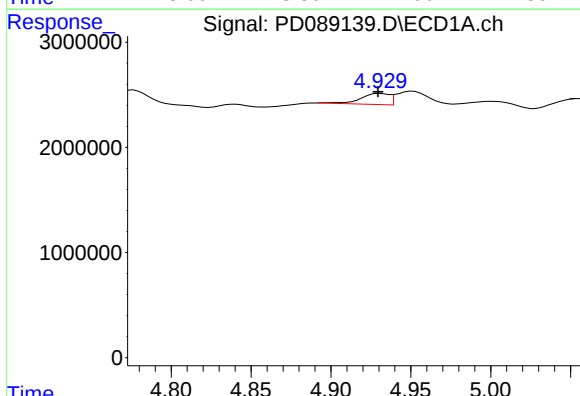
R.T.: 4.336 min
Delta R.T.: 0.006 min
Response: 1766209
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-062425



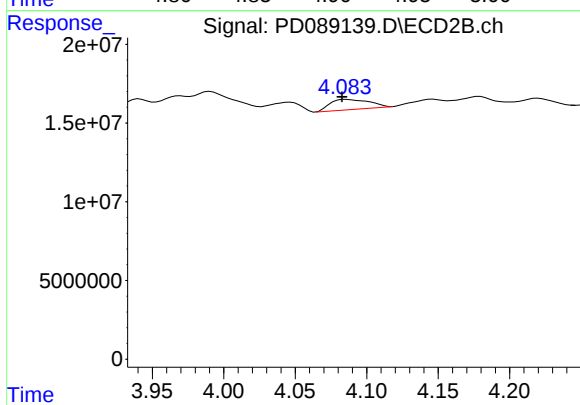
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T. : 3.729 min
Response: 0
Conc: N.D.



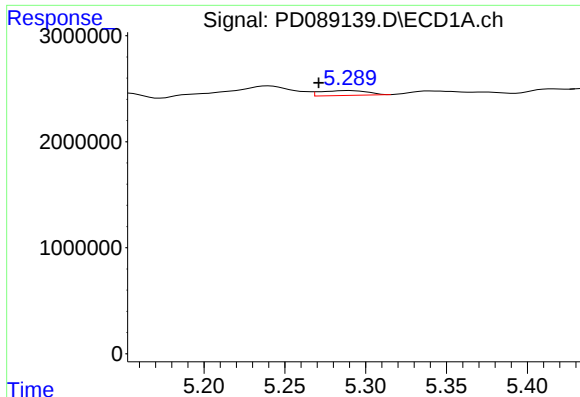
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.001 min
Response: 1317742
Conc: 0.24 ng/ml



#4 Heptachlor

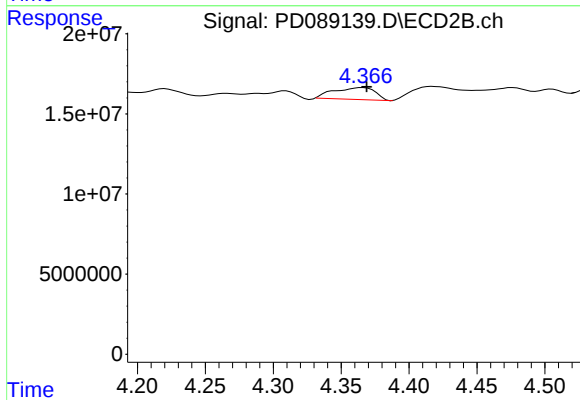
R.T.: 4.085 min
Delta R.T.: 0.002 min
Response: 12329806
Conc: 0.49 ng/ml



#5 Aldrin

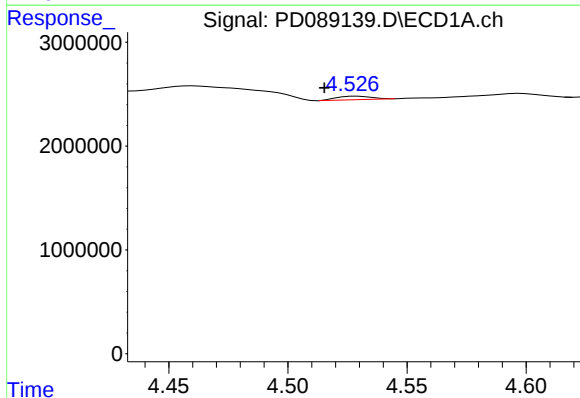
R.T.: 5.290 min
Delta R.T.: 0.019 min
Response: 929025
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-062425



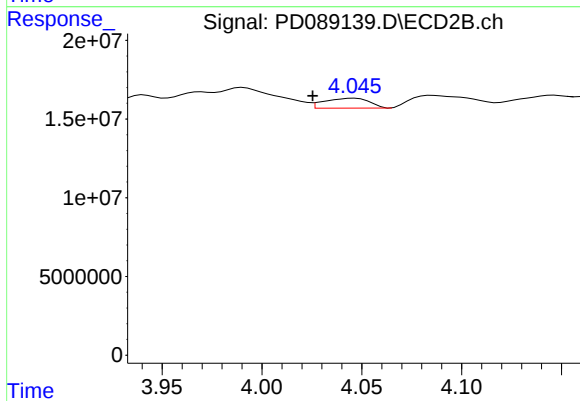
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 15825919
Conc: 0.65 ng/ml



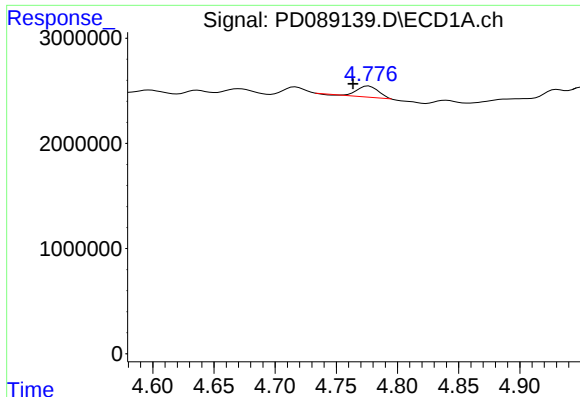
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.013 min
Response: 342075
Conc: 0.15 ng/ml



#6 beta-BHC

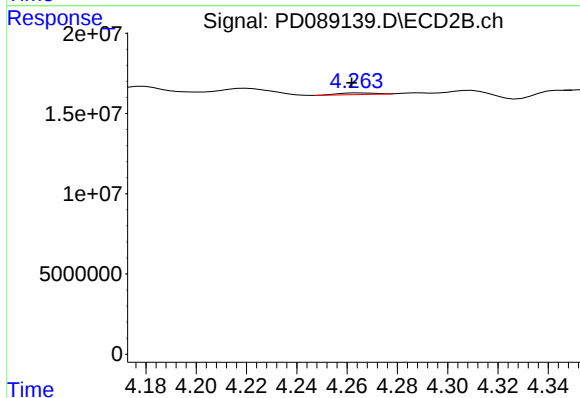
R.T.: 4.047 min
Delta R.T.: 0.021 min
Response: 9840089
Conc: 0.92 ng/ml



#7 delta-BHC

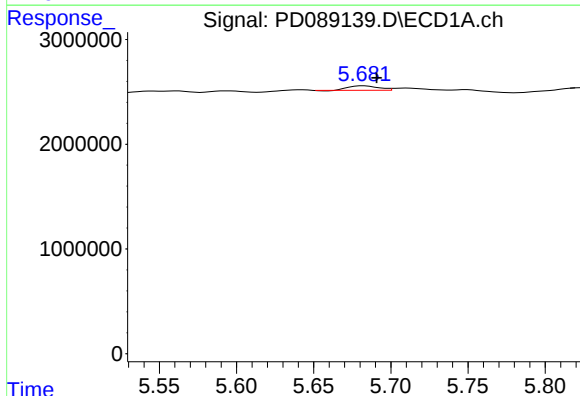
R.T.: 4.777 min
Delta R.T.: 0.013 min
Response: 1224059
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-062425



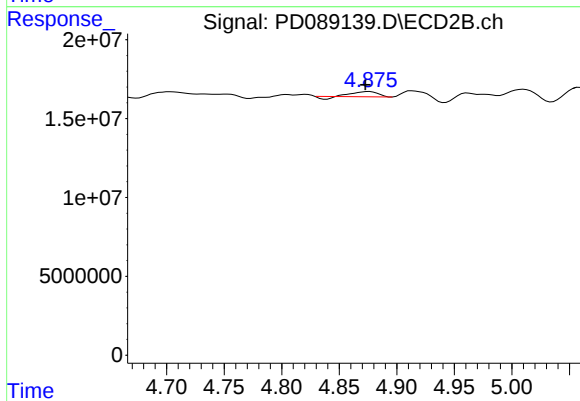
#7 delta-BHC

R.T.: 4.266 min
Delta R.T.: 0.004 min
Response: 926570
Conc: 0.04 ng/ml



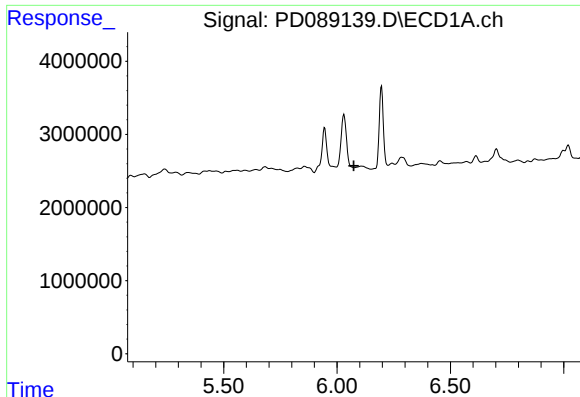
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.008 min
Response: 568184
Conc: 0.12 ng/ml



#8 Heptachlor epoxide

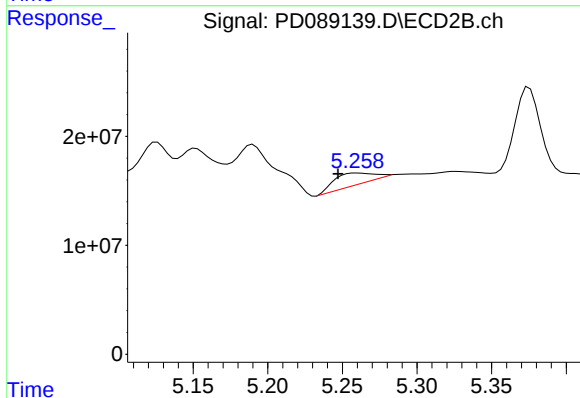
R.T.: 4.876 min
Delta R.T.: 0.004 min
Response: 4292598
Conc: 0.20 ng/ml



#9 Endosulfan I

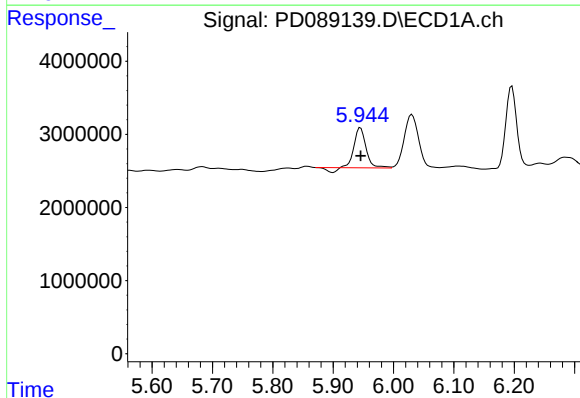
R.T.: 0.000 min
Exp R.T.: 6.074 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
TR-05-062425



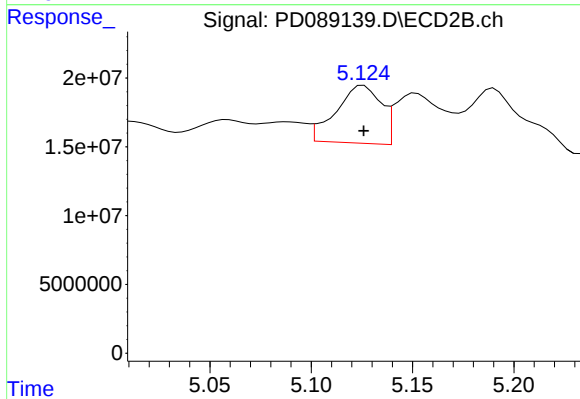
#9 Endosulfan I

R.T.: 5.260 min
Delta R.T.: 0.013 min
Response: 19733311
Conc: 0.95 ng/ml



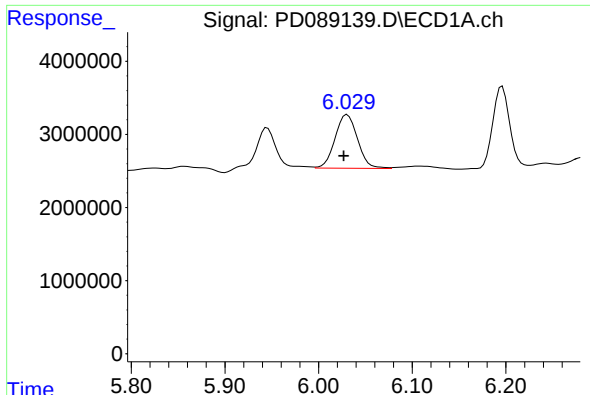
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 7057010
Conc: 1.47 ng/ml



#10 gamma-Chlordane

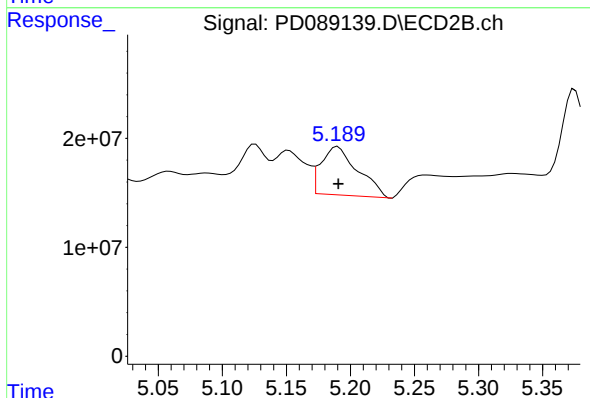
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 64834011
Conc: 2.71 ng/ml



#11 alpha-Chlordane

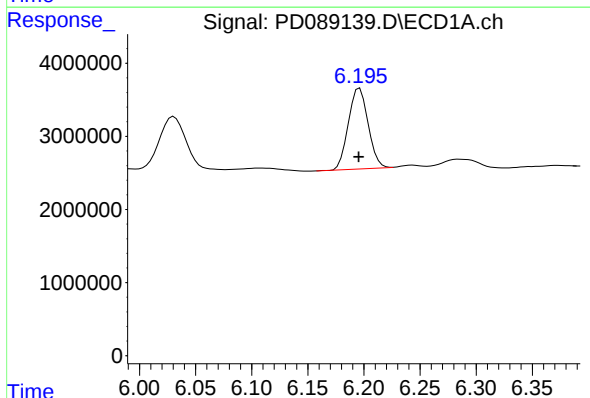
R.T.: 6.031 min
Delta R.T.: 0.004 min
Response: 12240525
Conc: 2.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-062425



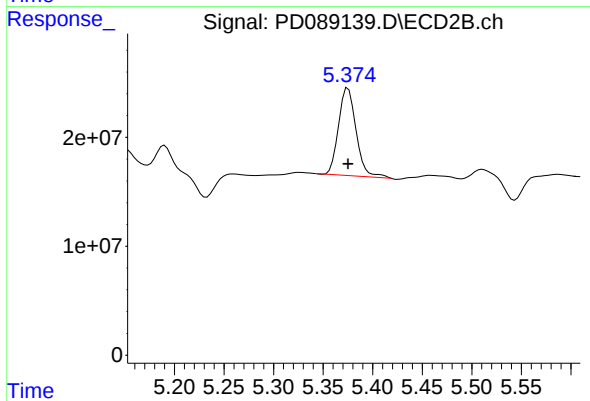
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 88386723
Conc: 3.86 ng/ml



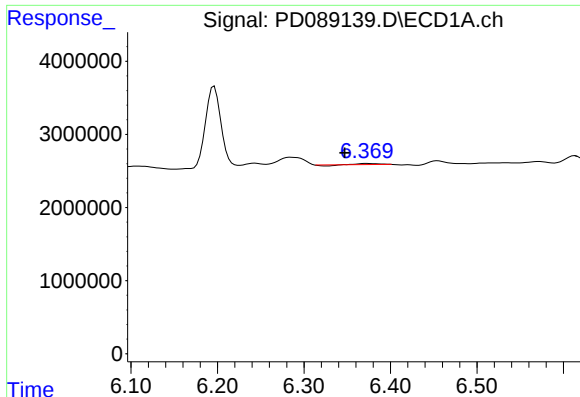
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 13495769
Conc: 3.09 ng/ml



#12 4,4'-DDE

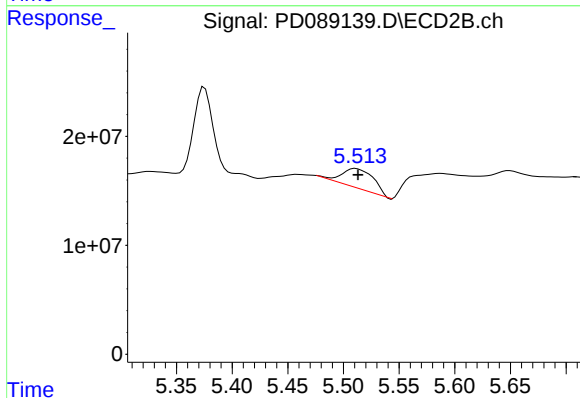
R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 98757851
Conc: 4.31 ng/ml



#13 Dieldrin

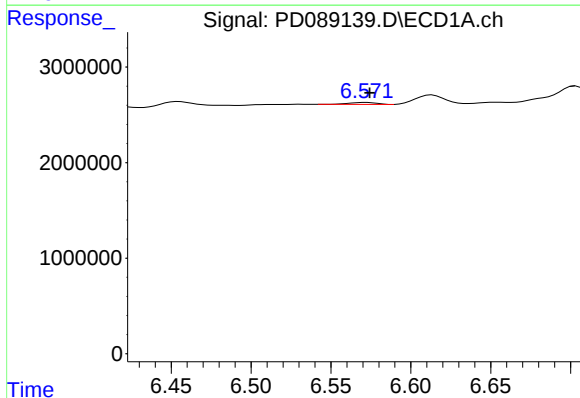
R.T.: 6.372 min
Delta R.T.: 0.025 min
Response: 116660
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-062425



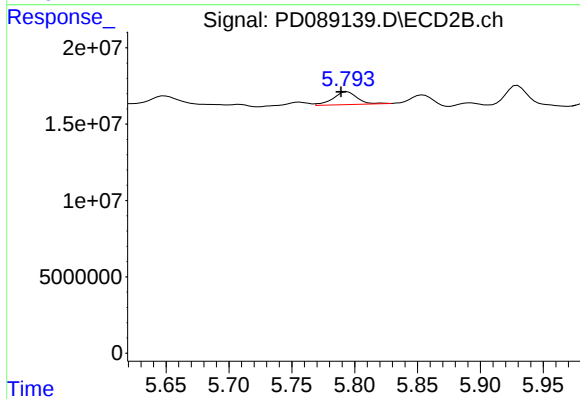
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 35995313
Conc: 1.55 ng/ml



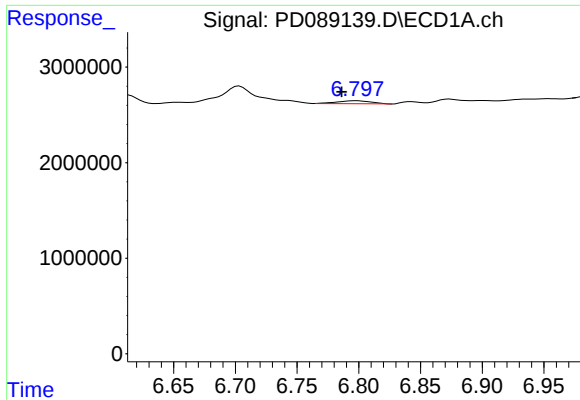
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 240706
Conc: 0.06 ng/ml



#14 Endrin

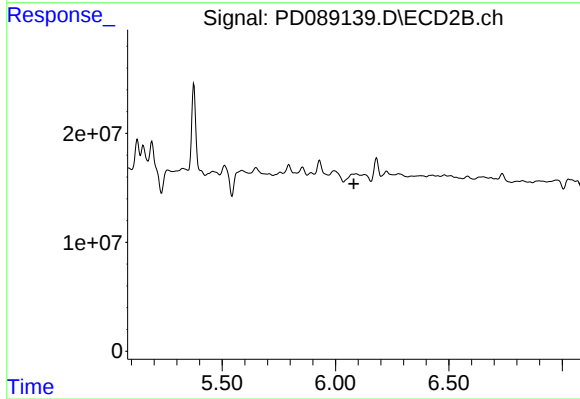
R.T.: 5.794 min
Delta R.T.: 0.005 min
Response: 11112438
Conc: 0.51 ng/ml



#15 Endosulfan II

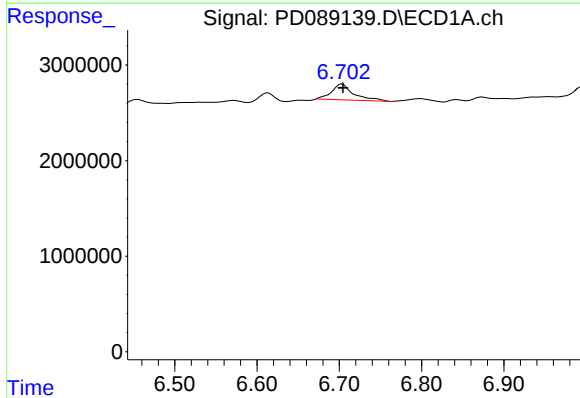
R.T.: 6.798 min
Delta R.T.: 0.012 min
Response: 582108
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-062425



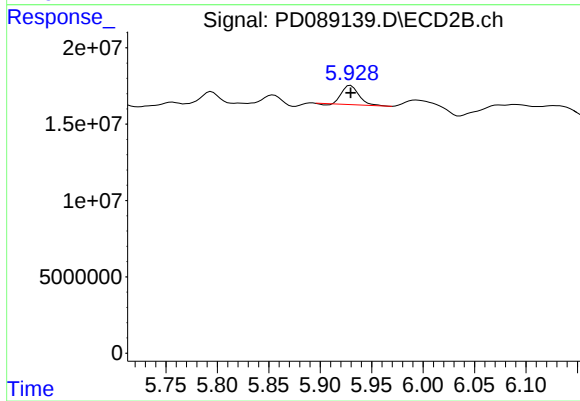
#15 Endosulfan II

R.T.: 6.090 min
Delta R.T.: 0.009 min
Response: -1619977
Conc: N.D.



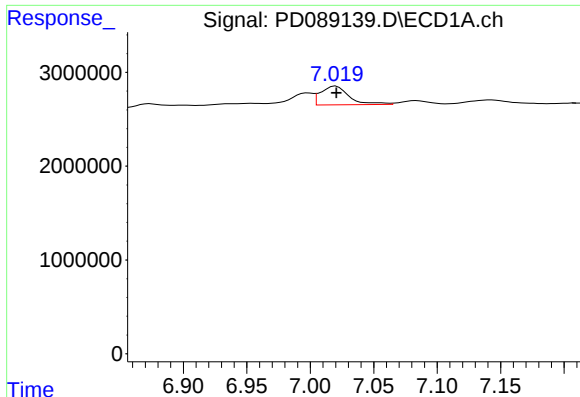
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: -0.001 min
Response: 3107711
Conc: 0.91 ng/ml



#16 4,4'-DDD

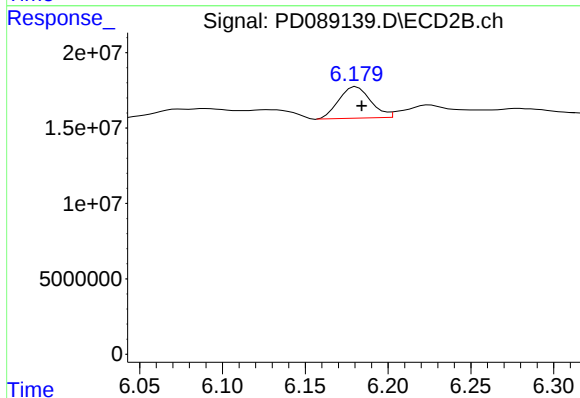
R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 14299497
Conc: 0.75 ng/ml



#17 4,4'-DDT

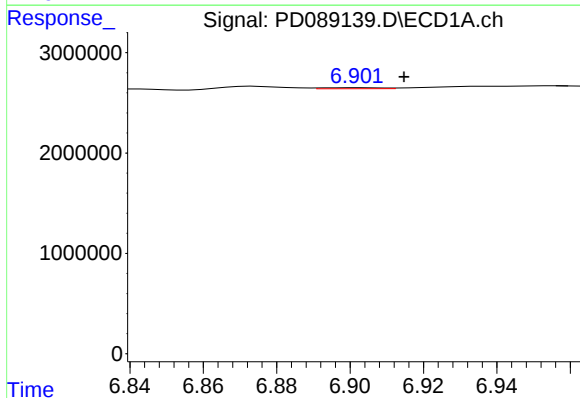
R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 3105627
Conc: 0.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-062425



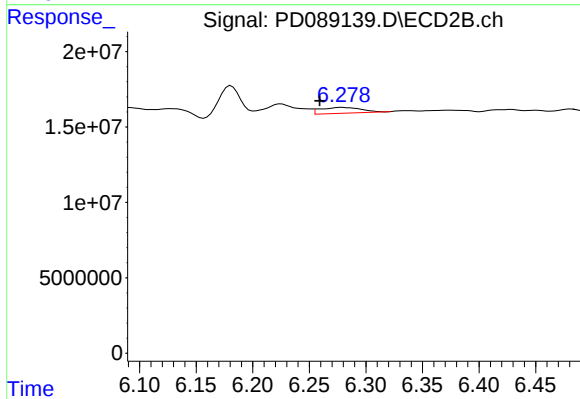
#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 27959880
Conc: 1.38 ng/ml



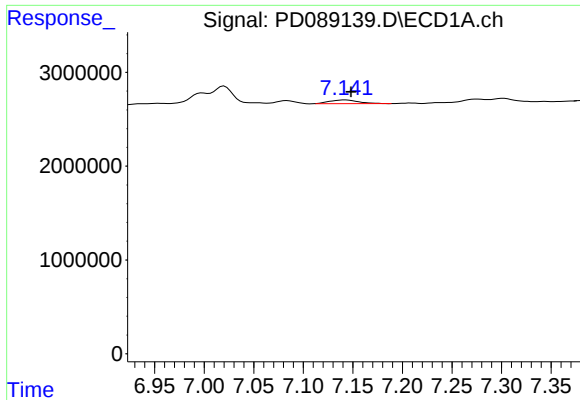
#18 Endrin aldehyde

R.T.: 6.902 min
Delta R.T.: -0.012 min
Response: 111471
Conc: 0.04 ng/ml



#18 Endrin aldehyde

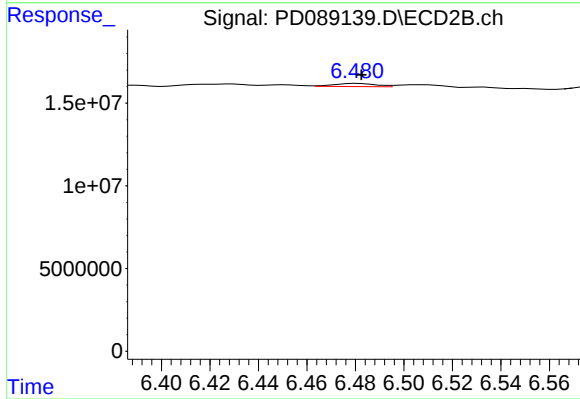
R.T.: 6.279 min
Delta R.T.: 0.020 min
Response: 9483873
Conc: 0.62 ng/ml



#19 Endosulfan Sulfate

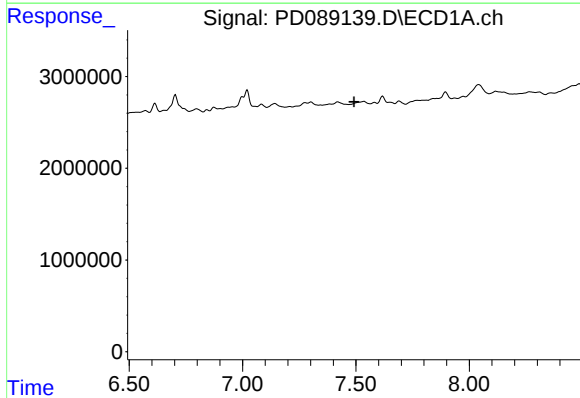
R.T.: 7.142 min
Delta R.T.: -0.006 min
Response: 794643
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-062425



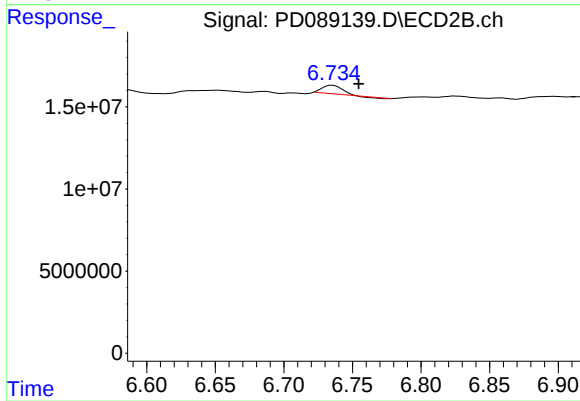
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.002 min
Response: 2316617
Conc: 0.12 ng/ml



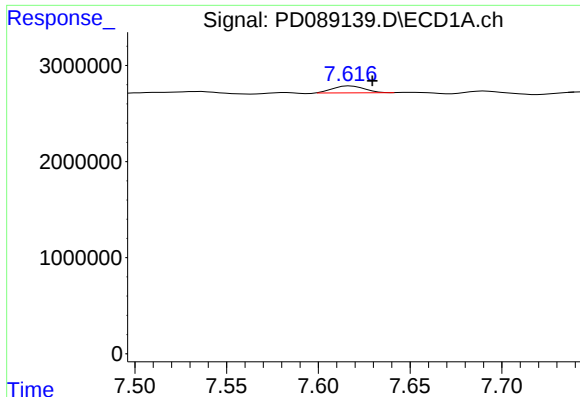
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.493 min
Response: 0
Conc: N.D.



#20 Methoxychlor

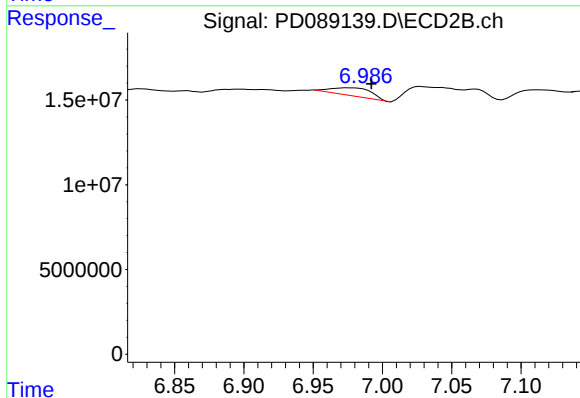
R.T.: 6.736 min
Delta R.T.: -0.019 min
Response: 4943435
Conc: 0.46 ng/ml



#21 Endrin ketone

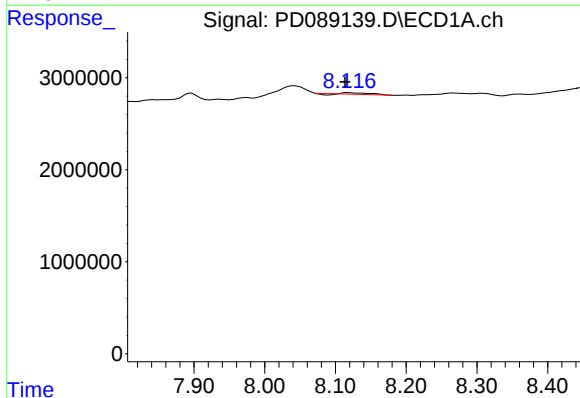
R.T.: 7.618 min
Delta R.T.: -0.012 min
Response: 850647
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-062425



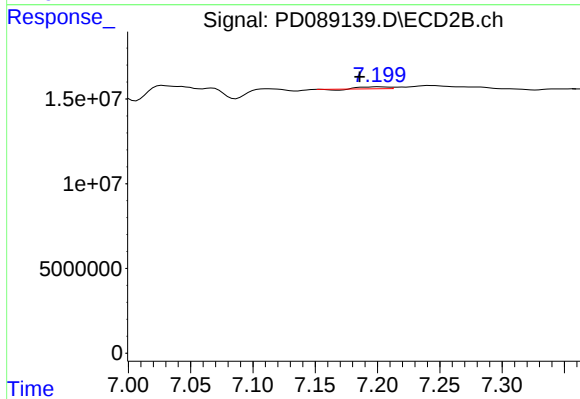
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.016 min
Response: 9706331
Conc: 0.45 ng/ml



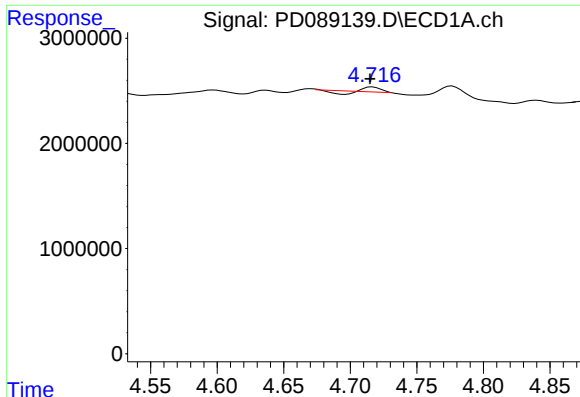
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.004 min
Response: 300886
Conc: 0.10 ng/ml



#22 Mirex

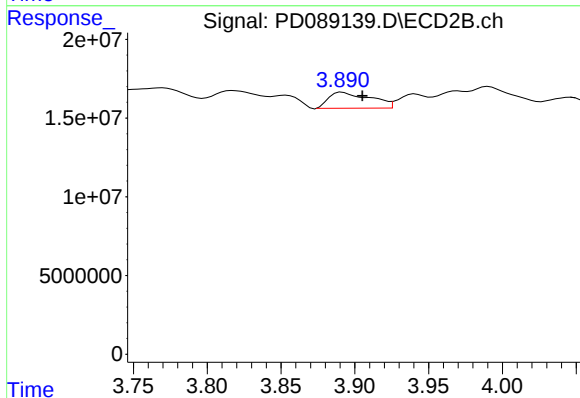
R.T.: 7.201 min
Delta R.T.: 0.016 min
Response: 1452714
Conc: 0.09 ng/ml



#23 Chlordane-1

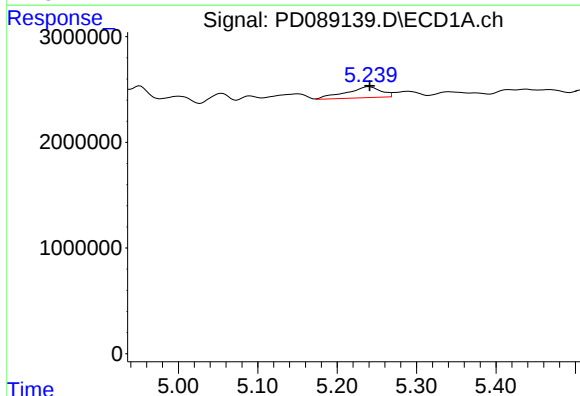
R.T.: 4.717 min
Delta R.T.: 0.002 min
Response: 132687
Conc: 0.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-062425



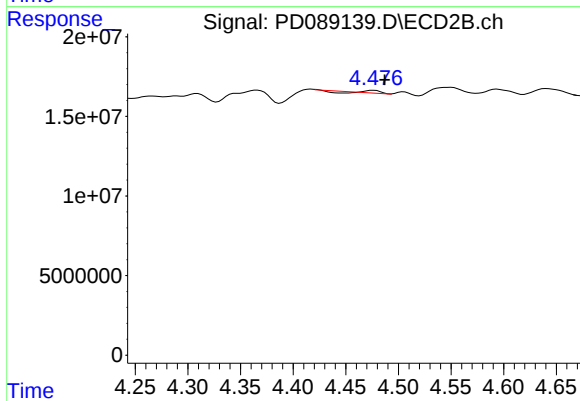
#23 Chlordane-1

R.T.: 3.892 min
Delta R.T.: -0.014 min
Response: 19957015
Conc: 21.41 ng/ml



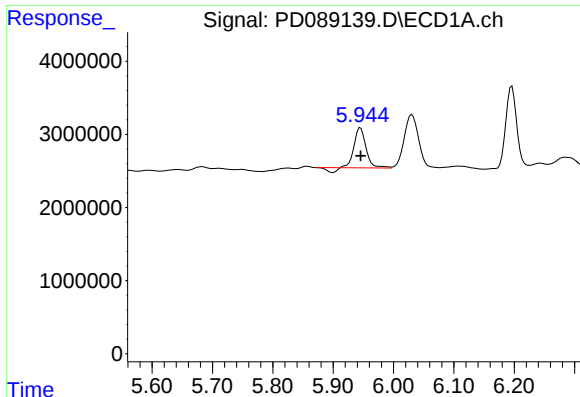
#24 Chlordane-2

R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 3186713
Conc: 14.60 ng/ml



#24 Chlordane-2

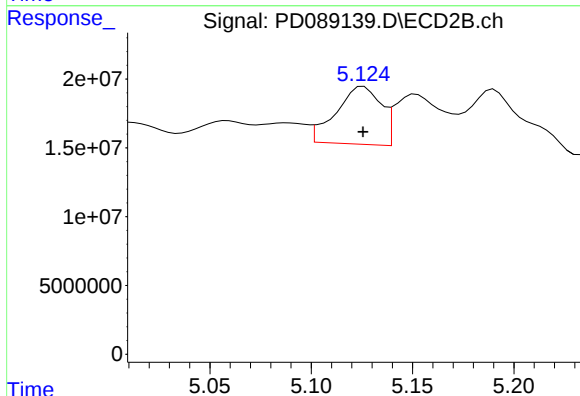
R.T.: 4.477 min
Delta R.T.: -0.010 min
Response: 651082
Conc: 0.68 ng/ml



#25 Chlordane-3

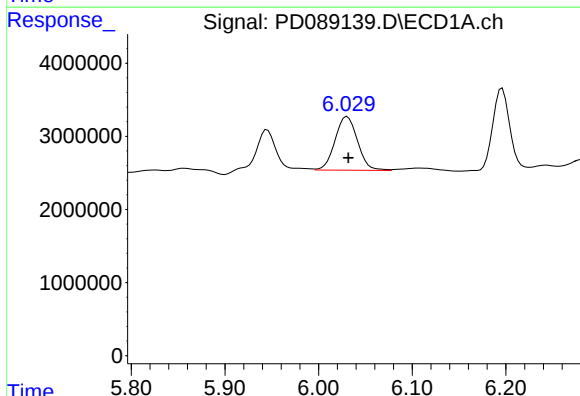
R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 7057010
Conc: 8.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-062425



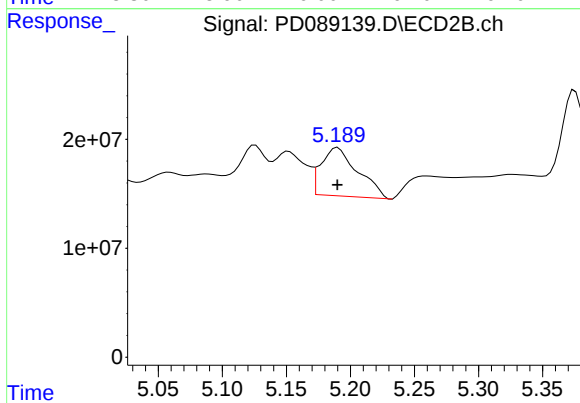
#25 Chlordane-3

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 64834011
Conc: 21.83 ng/ml



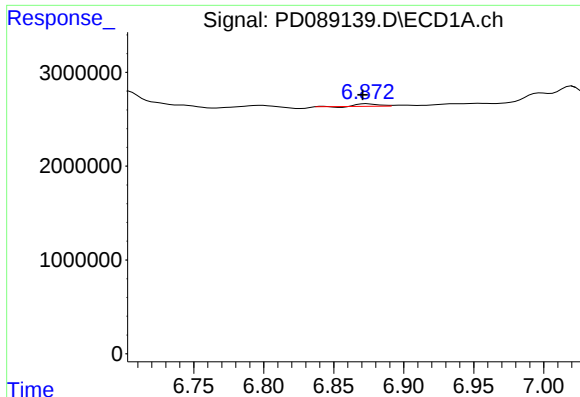
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: -0.001 min
Response: 12240525
Conc: 11.65 ng/ml



#26 Chlordane-4

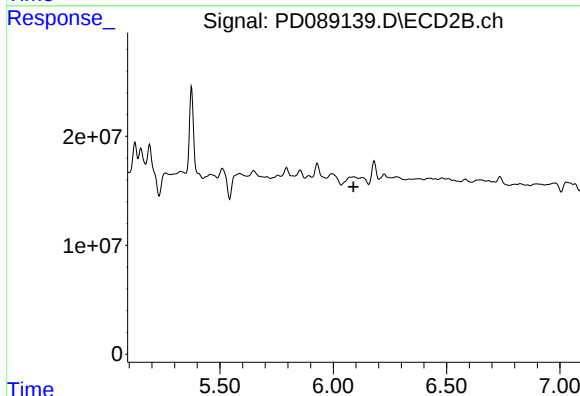
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 88386723
Conc: 35.26 ng/ml



#27 Chlordane-5

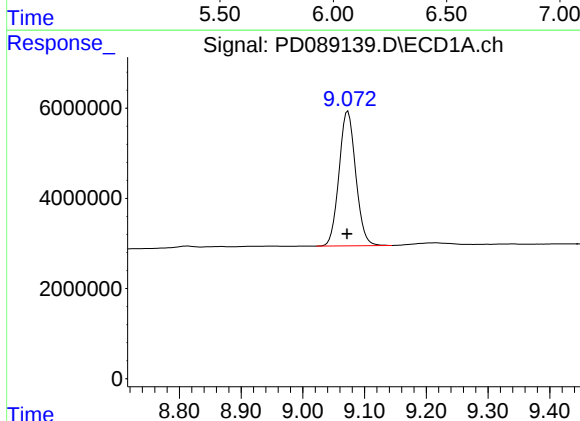
R.T.: 6.874 min
Delta R.T.: 0.003 min
Response: 261238
Conc: 1.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-062425



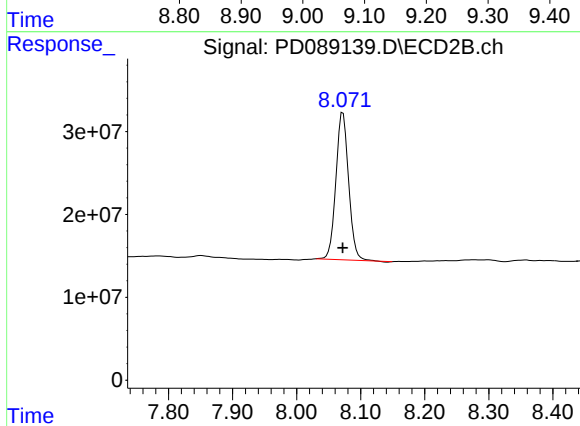
#27 Chlordane-5

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: -1619977
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.001 min
Response: 56145406
Conc: 14.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 244336800
Conc: 12.36 ng/ml