

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062525\
 Data File : PD089149.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2025 20:24
 Operator : AR\AJ
 Sample : Q2393-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PARK AVE -5

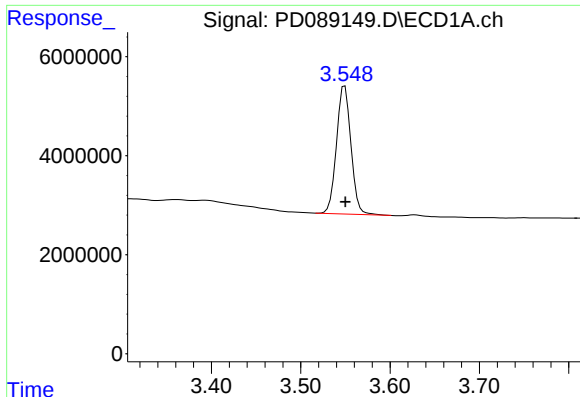
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 06:41:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.549	2.881	29062907	182.0E6	10.186	10.733
28)	SA Decachlor...	9.071	8.071	35658731	166.9E6	9.079	8.441
Target Compounds							
2)	A alpha-BHC	3.977f	3.380	815145	907829	0.140	0.034 #
3)	MA gamma-BHC...	4.341	3.722	808630	900596	0.145	0.036 #
4)	MA Heptachlor	4.928	4.082	1413396	13473923	0.259	0.538 #
5)	MB Aldrin	5.269	4.368	1918409	12351970	0.361	0.510 #
6)	B beta-BHC	0.000	4.030	0	9613733	N.D.	0.895 #
7)	B delta-BHC	4.777	4.253	1050221	586132	0.205	0.024 #
8)	B Heptachlo...	5.681	4.870	810788	1214108	0.168	0.055 #
9)	A Endosulfan I	0.000	5.258	0	15173333	N.D.	0.728 #
10)	B gamma-Chl...	5.945	5.125	6060779	33609336	1.266	1.405
11)	B alpha-Chl...	6.029	5.190	7409527	53845218	1.531	2.352 #
12)	B 4,4'-DDE	6.195	5.375	2760359	22139163	0.633	0.966 #
13)	MA Dieldrin	0.000	5.510	0	21935016	N.D.	0.945 #
14)	MA Endrin	6.573	5.793	216470	7972374	0.052	0.367 #
15)	B Endosulfa...	6.790	6.090	64302	11505044	0.016	0.570 #
16)	A 4,4'-DDD	6.704	5.928	1381624	5358201	0.403	0.280 #
17)	MA 4,4'-DDT	7.019	6.180	1666922	15577952	0.440	0.768 #
18)	B Endrin al...	0.000	6.275f	0	2927945	N.D.	0.191 #
19)	B Endosulfa...	7.138	6.478	177380	1293478	0.046	0.066 #
20)	A Methoxychlor	0.000	6.736f	0	4692103	N.D.	0.436 #
21)	B Endrin ke...	7.615	6.973f	273149	2803466	0.067	0.130 #
22)	Mirex	8.115	7.193	1429359	1786836	0.470	0.107 #
23)	Chlordane-1	4.713	3.905	754214	27322854	3.524	29.308 #
24)	Chlordane-2	5.238	4.490	2257395	8845434	10.340	9.295
25)	Chlordane-3	5.945	5.125	6060779	33609336	7.027	11.316 #
26)	Chlordane-4	6.029	5.190	7409527	53845218	7.052	21.480 #
27)	Chlordane-5	6.871	6.090	527598	11505044	2.887	10.167 #

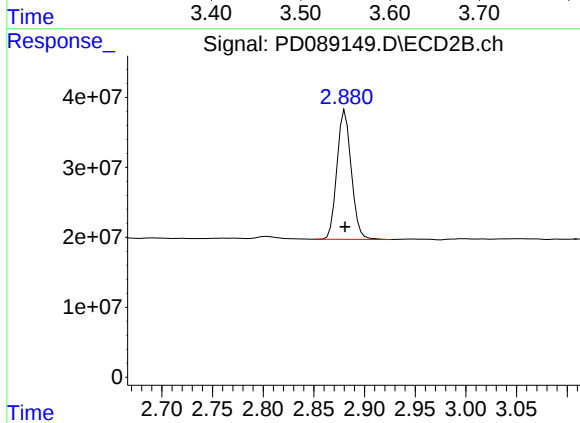
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

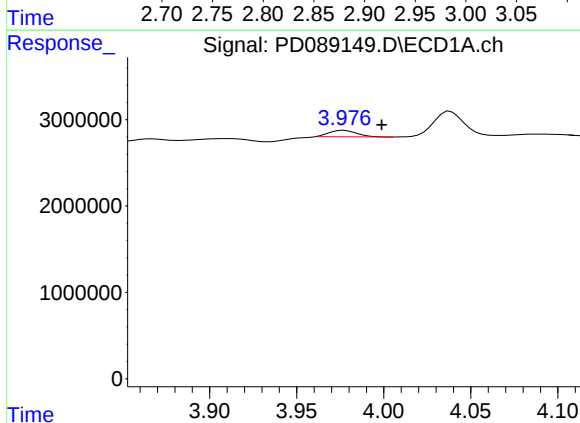
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 29062907
Conc: 10.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PARK AVE -5



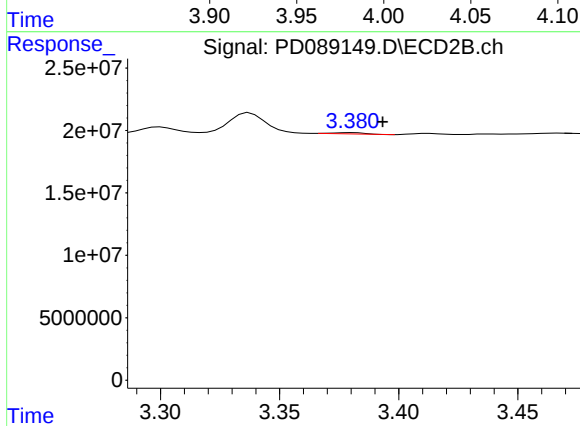
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 181958809
Conc: 10.73 ng/ml



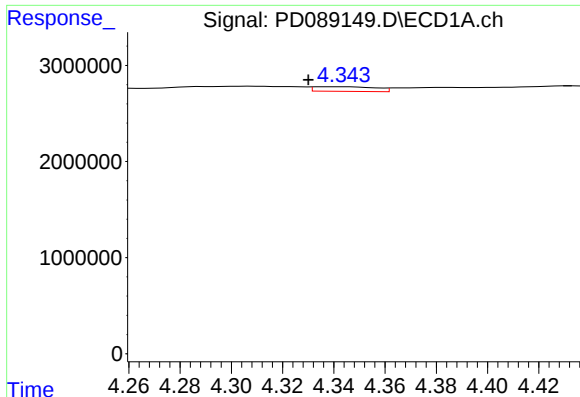
#2 alpha-BHC

R.T.: 3.977 min
Delta R.T.: -0.022 min
Response: 815145
Conc: 0.14 ng/ml



#2 alpha-BHC

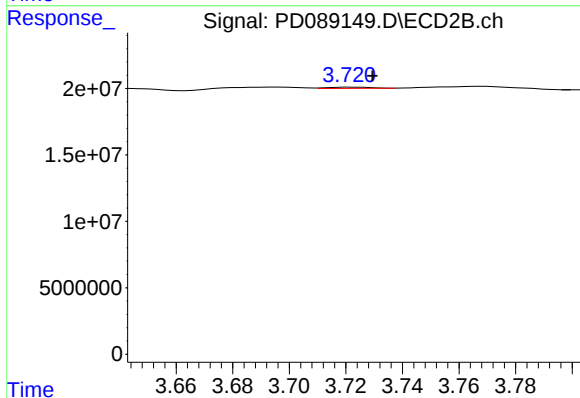
R.T.: 3.380 min
Delta R.T.: -0.013 min
Response: 907829
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

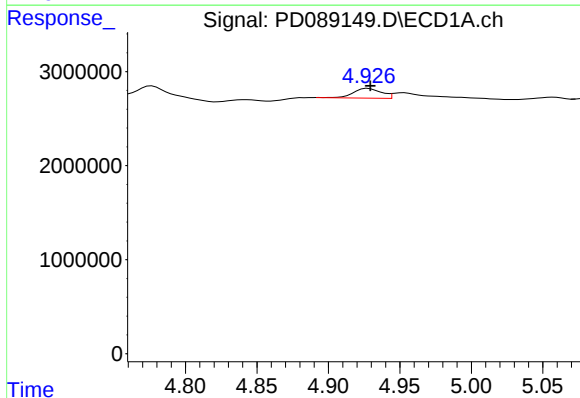
R.T.: 4.341 min
Delta R.T.: 0.011 min
Response: 808630
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PARK AVE -5



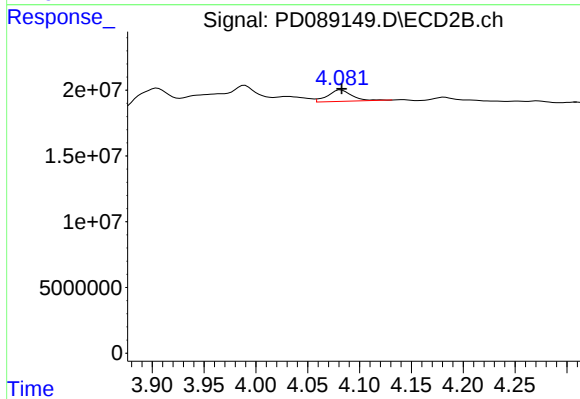
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.007 min
Response: 900596
Conc: 0.04 ng/ml



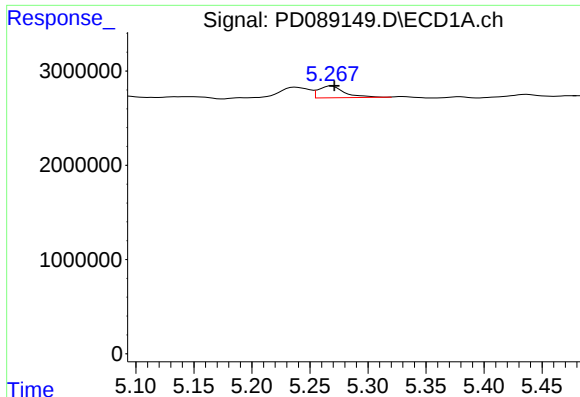
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: -0.002 min
Response: 1413396
Conc: 0.26 ng/ml



#4 Heptachlor

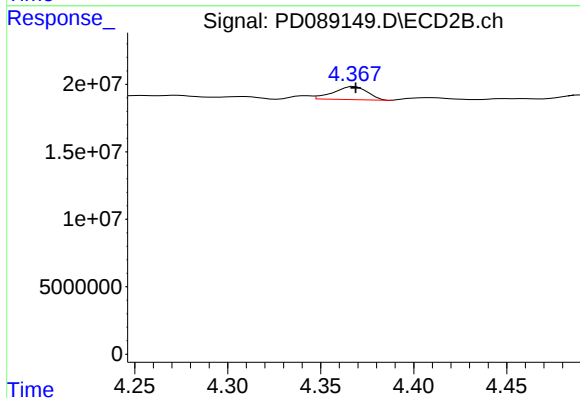
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 13473923
Conc: 0.54 ng/ml



#5 Aldrin

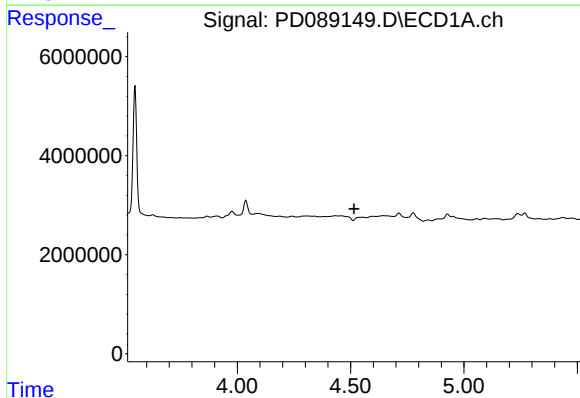
R.T.: 5.269 min
Delta R.T.: -0.002 min
Response: 1918409
Conc: 0.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PARK AVE -5



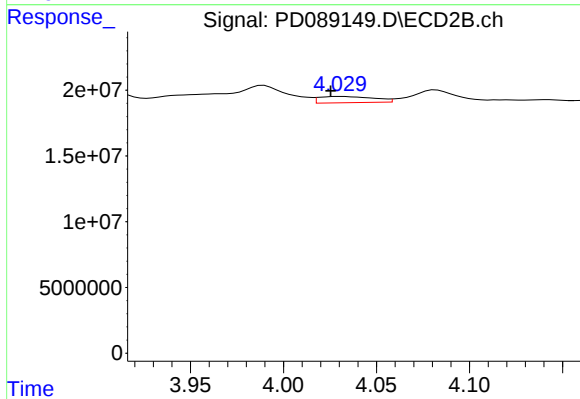
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 12351970
Conc: 0.51 ng/ml



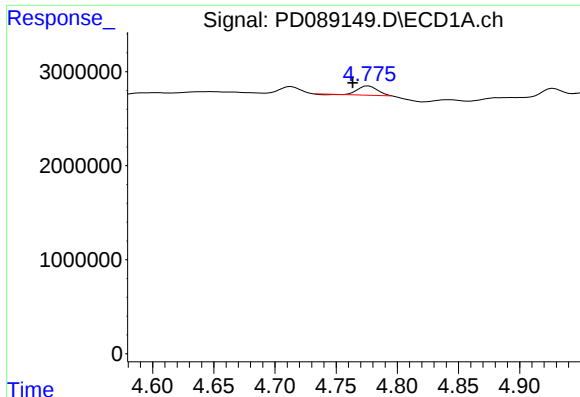
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.515 min
Response: 0
Conc: N.D.



#6 beta-BHC

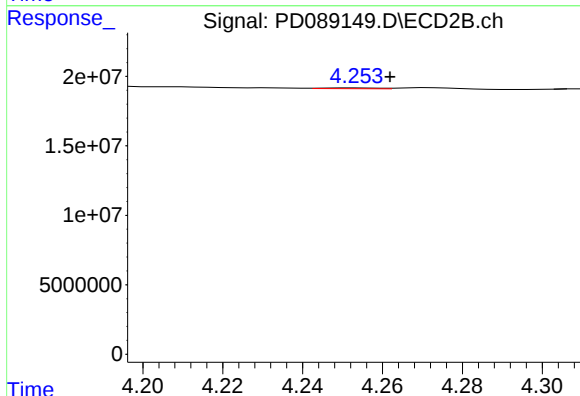
R.T.: 4.030 min
Delta R.T.: 0.005 min
Response: 9613733
Conc: 0.89 ng/ml



#7 delta-BHC

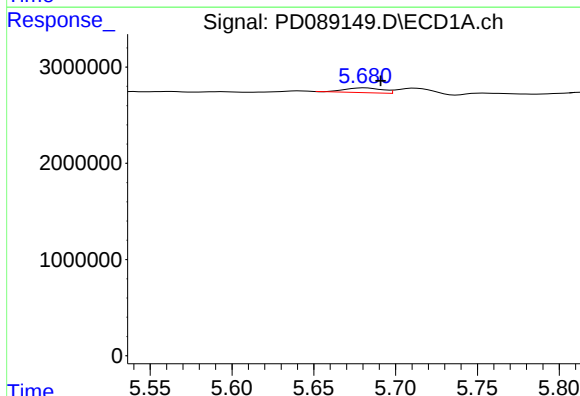
R.T.: 4.777 min
Delta R.T.: 0.013 min
Response: 1050221
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PARK AVE -5



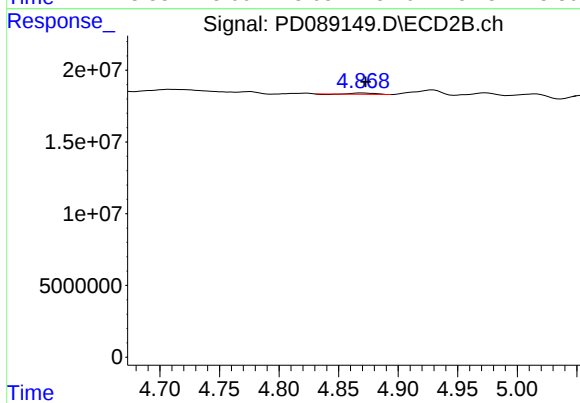
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.008 min
Response: 586132
Conc: 0.02 ng/ml



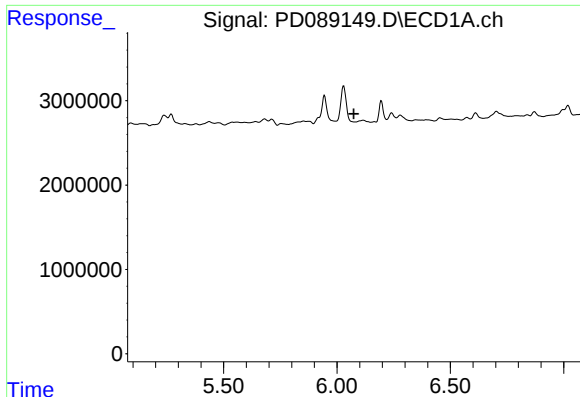
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.010 min
Response: 810788
Conc: 0.17 ng/ml



#8 Heptachlor epoxide

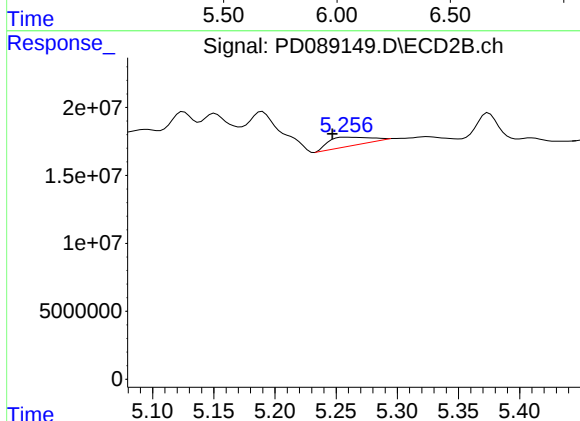
R.T.: 4.870 min
Delta R.T.: -0.003 min
Response: 1214108
Conc: 0.06 ng/ml



#9 Endosulfan I

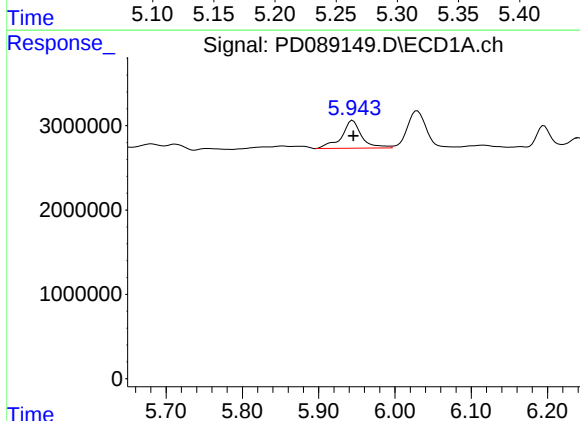
R.T.: 0.000 min
Exp R.T.: 6.074 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PARK AVE -5



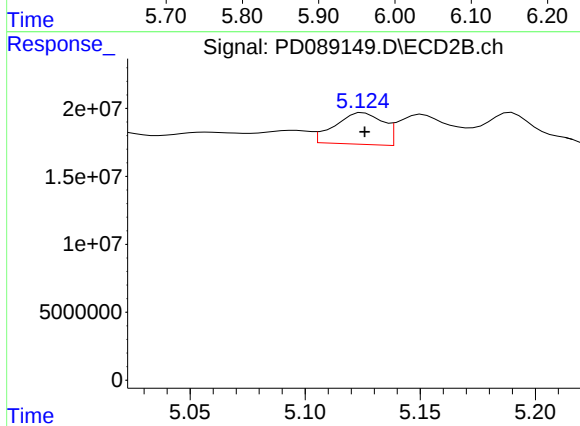
#9 Endosulfan I

R.T.: 5.258 min
Delta R.T.: 0.011 min
Response: 15173333
Conc: 0.73 ng/ml



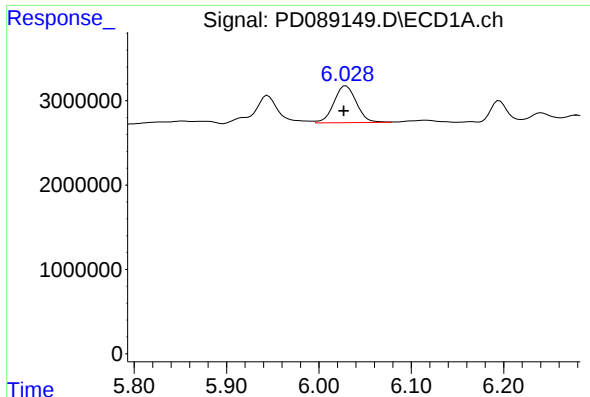
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 6060779
Conc: 1.27 ng/ml



#10 gamma-Chlordane

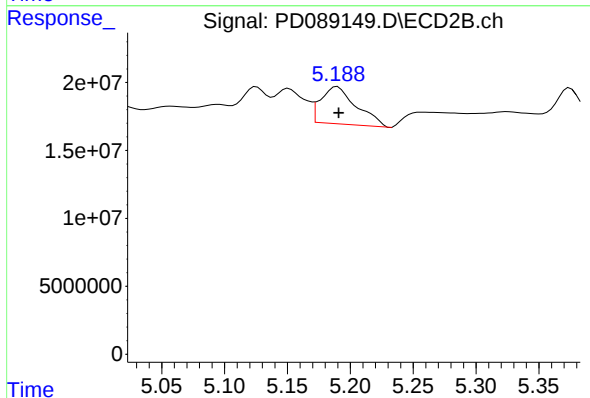
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 33609336
Conc: 1.40 ng/ml



#11 alpha-Chlordane

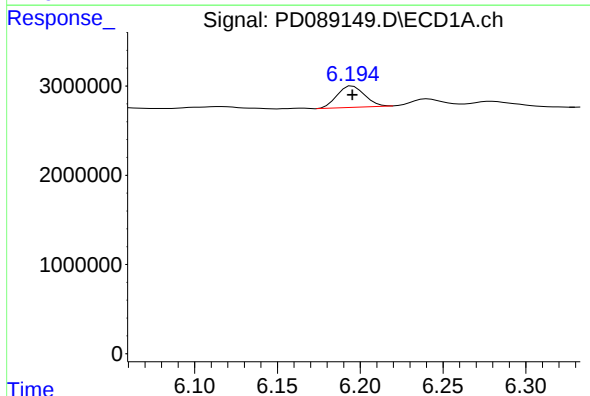
R.T.: 6.029 min
Delta R.T.: 0.002 min
Response: 7409527
Conc: 1.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PARK AVE -5



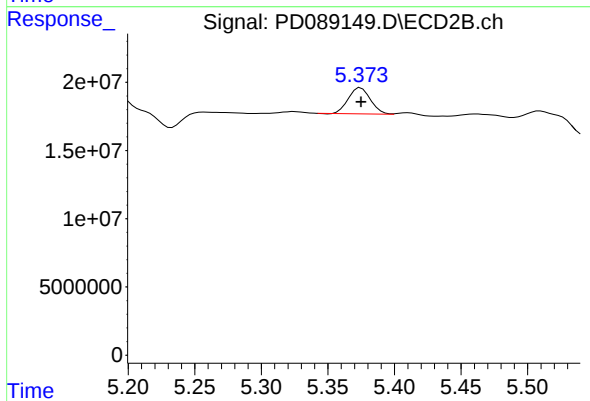
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: -0.001 min
Response: 53845218
Conc: 2.35 ng/ml



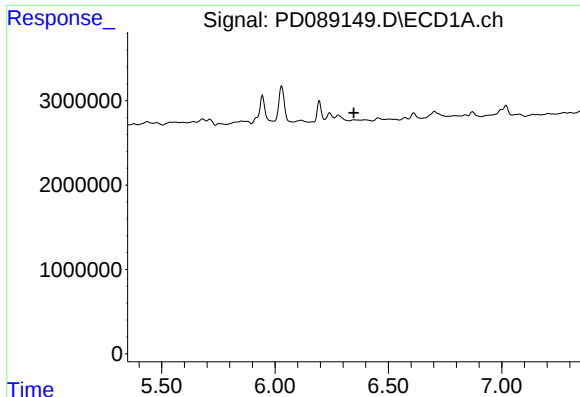
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 2760359
Conc: 0.63 ng/ml



#12 4,4'-DDE

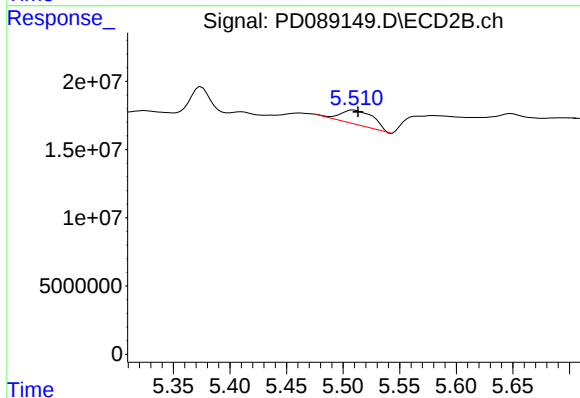
R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 22139163
Conc: 0.97 ng/ml



#13 Dieldrin

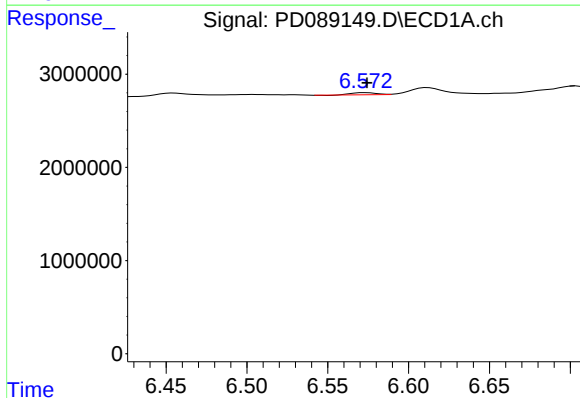
R.T.: 0.000 min
Exp R.T.: 6.347 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PARK AVE -5



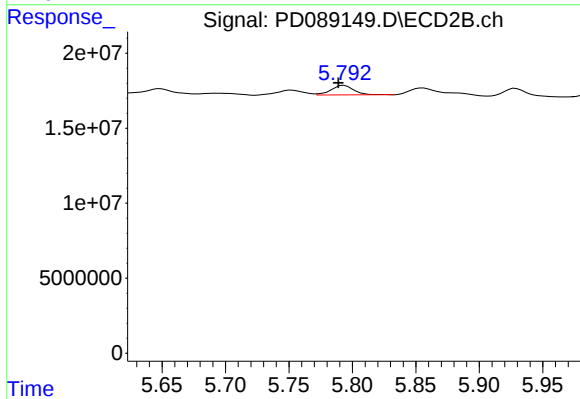
#13 Dieldrin

R.T.: 5.510 min
Delta R.T.: -0.004 min
Response: 21935016
Conc: 0.95 ng/ml



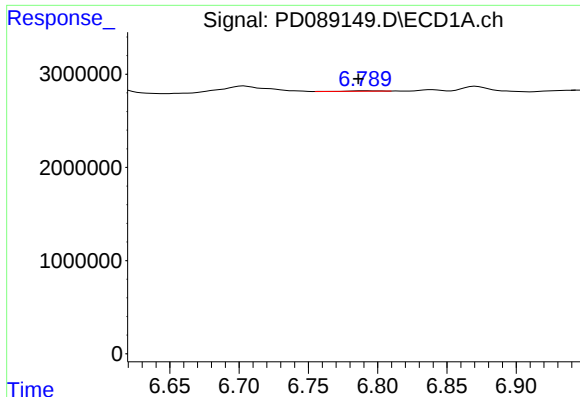
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 216470
Conc: 0.05 ng/ml



#14 Endrin

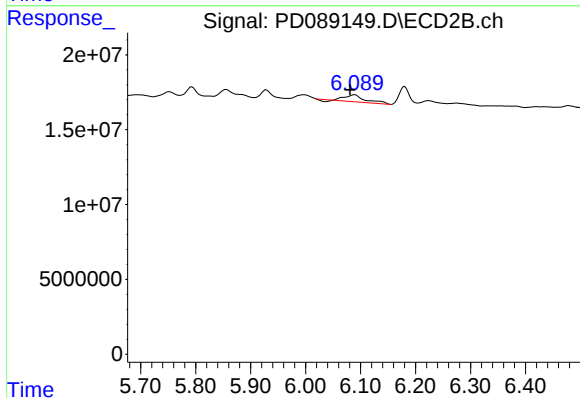
R.T.: 5.793 min
Delta R.T.: 0.004 min
Response: 7972374
Conc: 0.37 ng/ml



#15 Endosulfan II

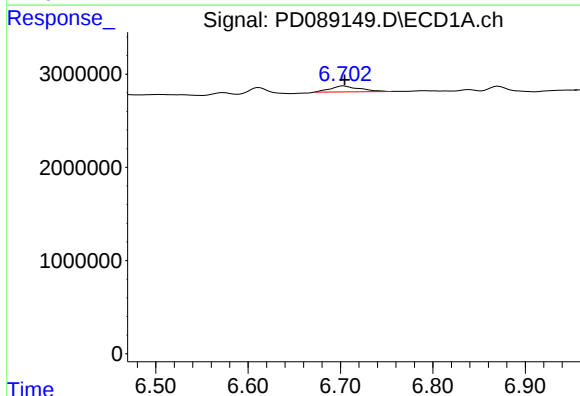
R.T.: 6.790 min
Delta R.T.: 0.004 min
Response: 64302
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PARK AVE -5



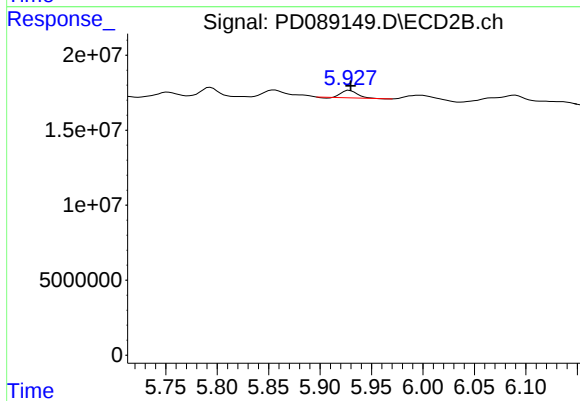
#15 Endosulfan II

R.T.: 6.090 min
Delta R.T.: 0.009 min
Response: 11505044
Conc: 0.57 ng/ml



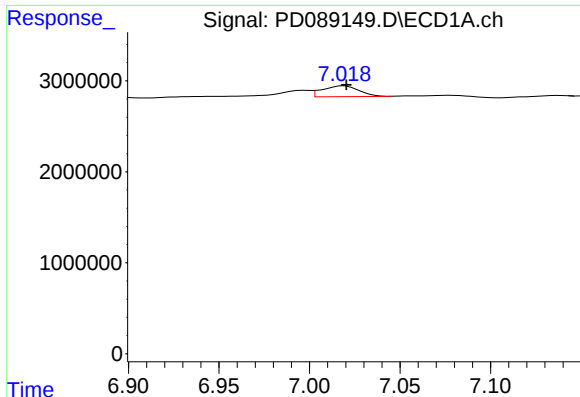
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.001 min
Response: 1381624
Conc: 0.40 ng/ml



#16 4,4'-DDD

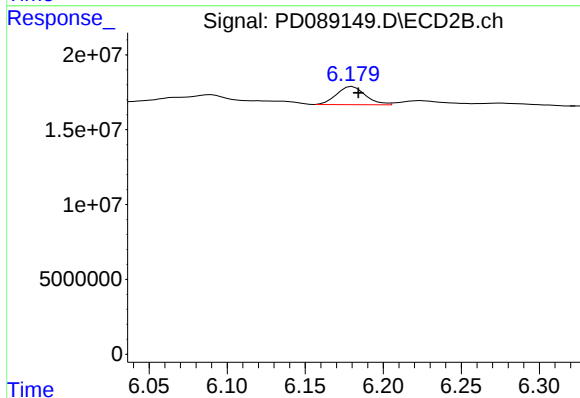
R.T.: 5.928 min
Delta R.T.: -0.001 min
Response: 5358201
Conc: 0.28 ng/ml



#17 4,4'-DDT

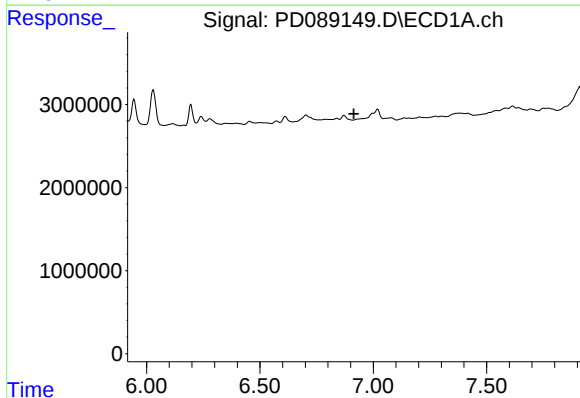
R.T.: 7.019 min
Delta R.T.: -0.001 min
Response: 1666922
Conc: 0.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PARK AVE -5



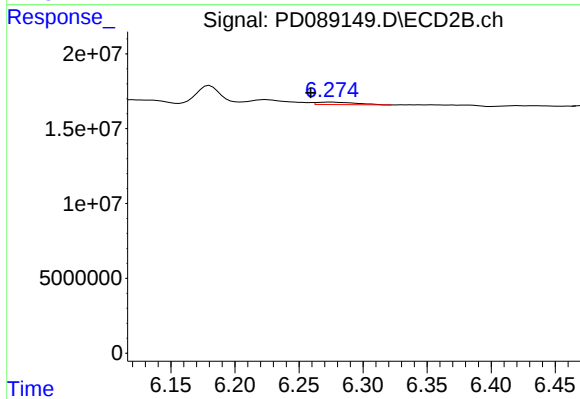
#17 4,4'-DDT

R.T.: 6.180 min
Delta R.T.: -0.004 min
Response: 15577952
Conc: 0.77 ng/ml



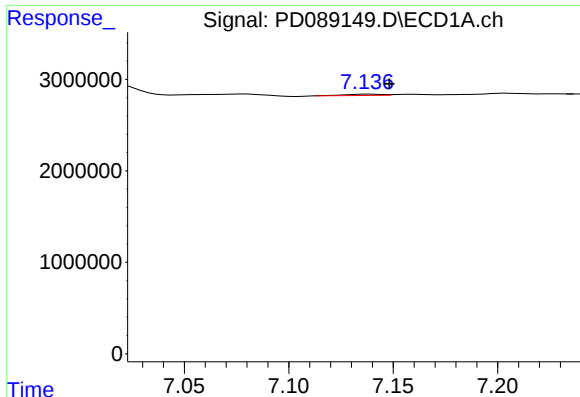
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.915 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

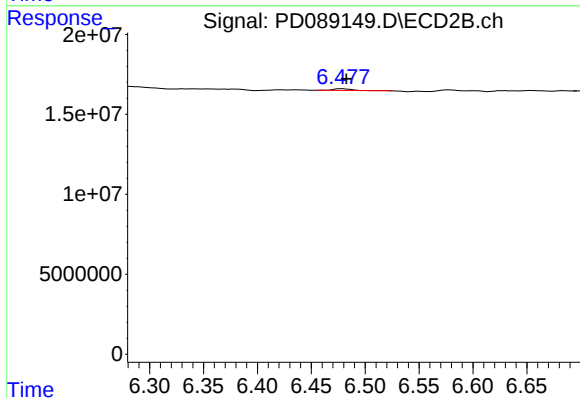
R.T.: 6.275 min
Delta R.T.: 0.016 min
Response: 2927945
Conc: 0.19 ng/ml



#19 Endosulfan Sulfate

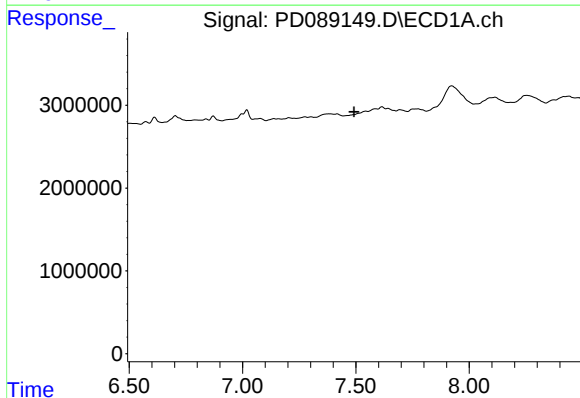
R.T.: 7.138 min
Delta R.T.: -0.010 min
Response: 177380
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PARK AVE -5



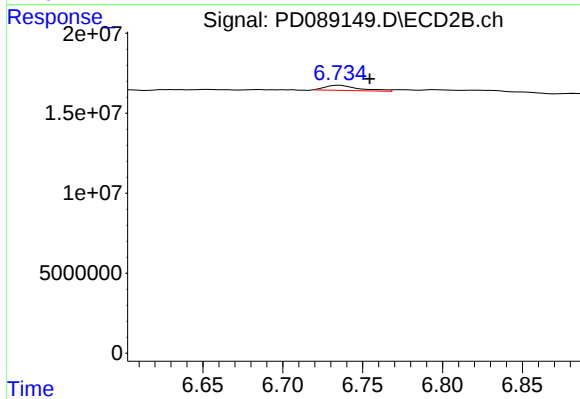
#19 Endosulfan Sulfate

R.T.: 6.478 min
Delta R.T.: -0.004 min
Response: 1293478
Conc: 0.07 ng/ml



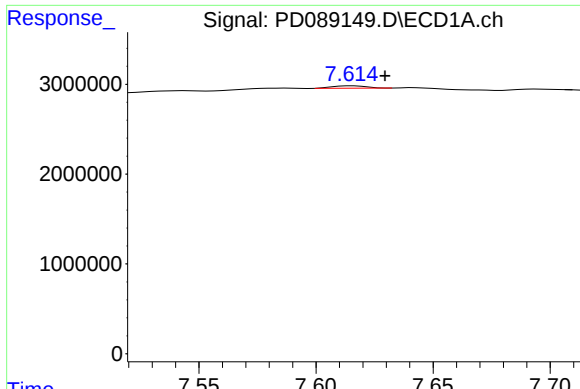
#20 Methoxychlor

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



#20 Methoxychlor

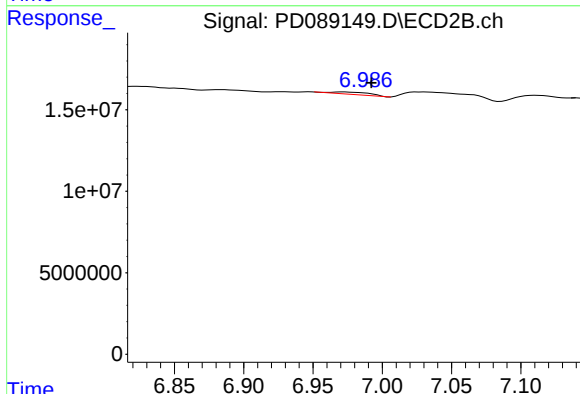
R.T.: 6.736 min
Delta R.T.: -0.019 min
Response: 4692103
Conc: 0.44 ng/ml



#21 Endrin ketone

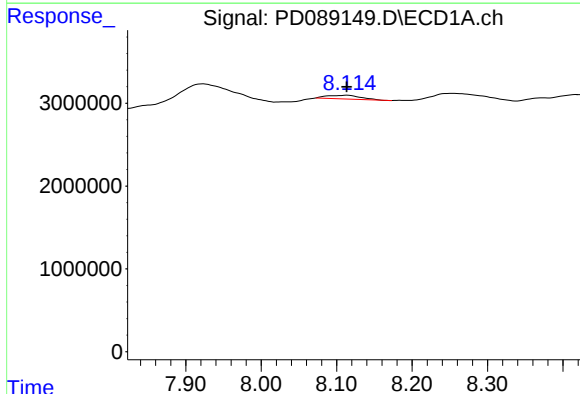
R.T.: 7.615 min
Delta R.T.: -0.014 min
Response: 273149
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PARK AVE -5



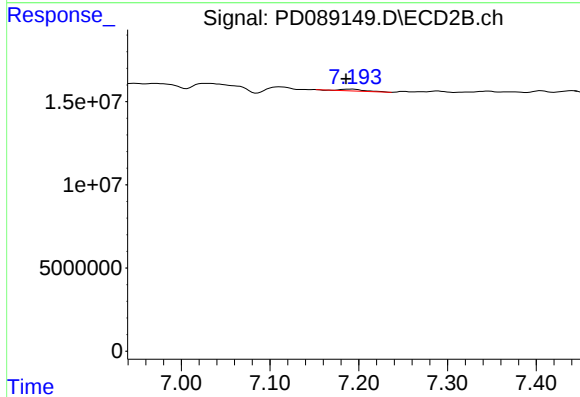
#21 Endrin ketone

R.T.: 6.973 min
Delta R.T.: -0.019 min
Response: 2803466
Conc: 0.13 ng/ml



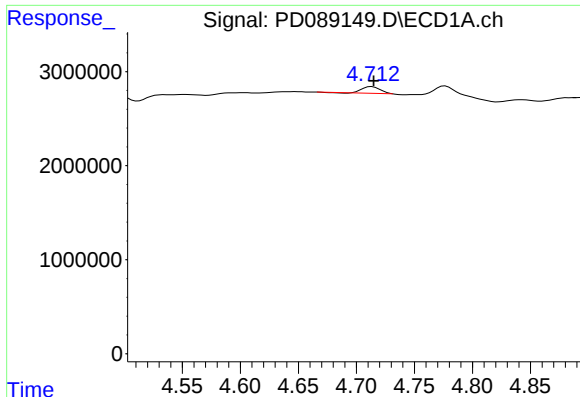
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.002 min
Response: 1429359
Conc: 0.47 ng/ml



#22 Mirex

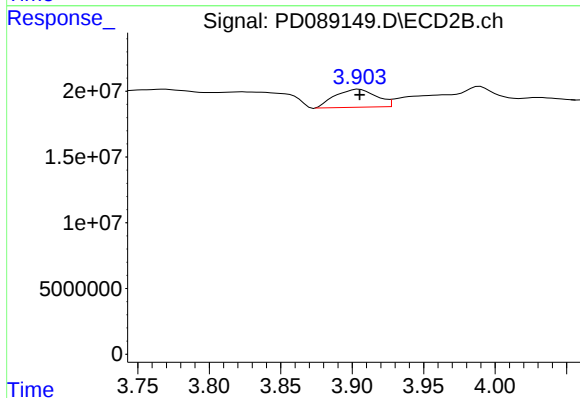
R.T.: 7.193 min
Delta R.T.: 0.007 min
Response: 1786836
Conc: 0.11 ng/ml



#23 Chlordane-1

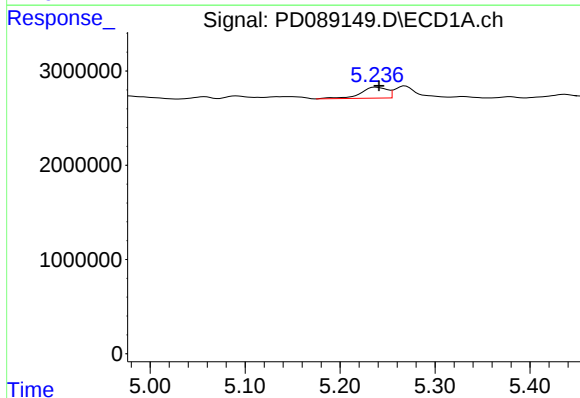
R.T.: 4.713 min
Delta R.T.: -0.002 min
Response: 754214
Conc: 3.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PARK AVE -5



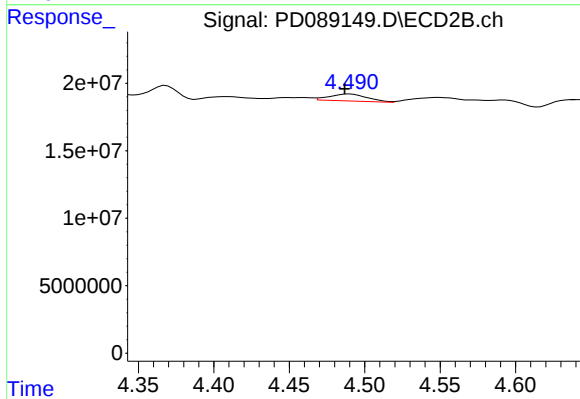
#23 Chlordane-1

R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 27322854
Conc: 29.31 ng/ml



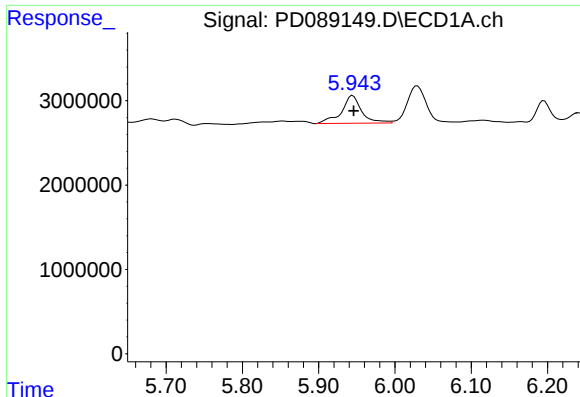
#24 Chlordane-2

R.T.: 5.238 min
Delta R.T.: -0.003 min
Response: 2257395
Conc: 10.34 ng/ml



#24 Chlordane-2

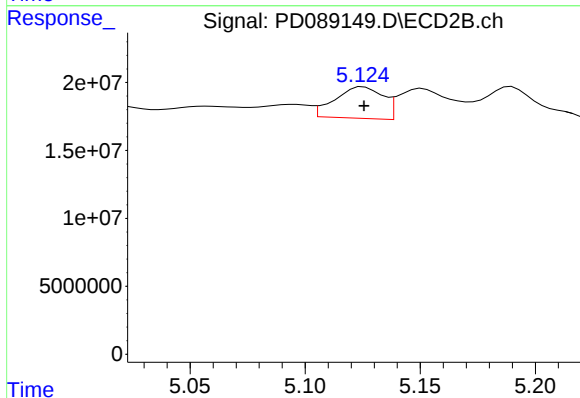
R.T.: 4.490 min
Delta R.T.: 0.003 min
Response: 8845434
Conc: 9.30 ng/ml



#25 Chlordane-3

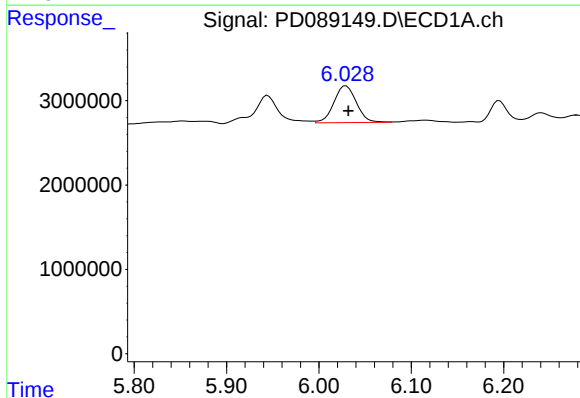
R.T.: 5.945 min
Delta R.T.: -0.001 min
Response: 6060779
Conc: 7.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PARK AVE -5



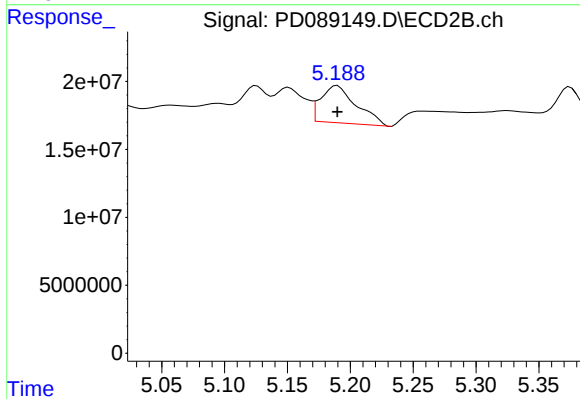
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 33609336
Conc: 11.32 ng/ml



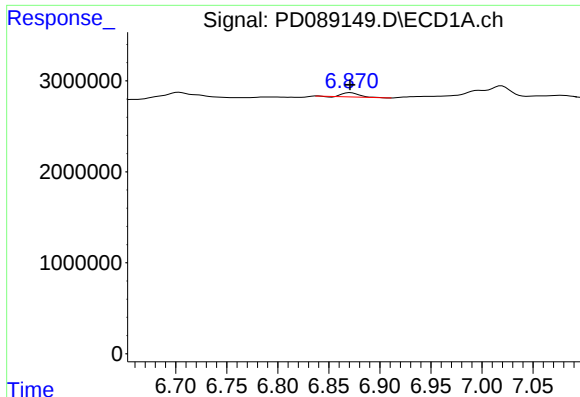
#26 Chlordane-4

R.T.: 6.029 min
Delta R.T.: -0.003 min
Response: 7409527
Conc: 7.05 ng/ml



#26 Chlordane-4

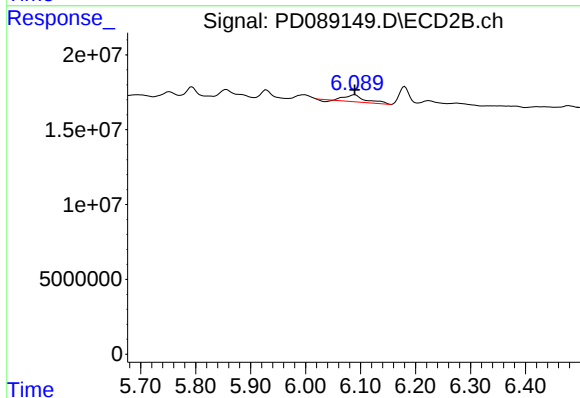
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 53845218
Conc: 21.48 ng/ml



#27 Chlordane-5

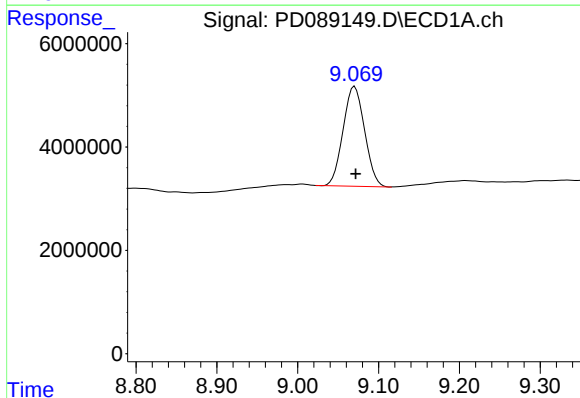
R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 527598
Conc: 2.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PARK AVE -5



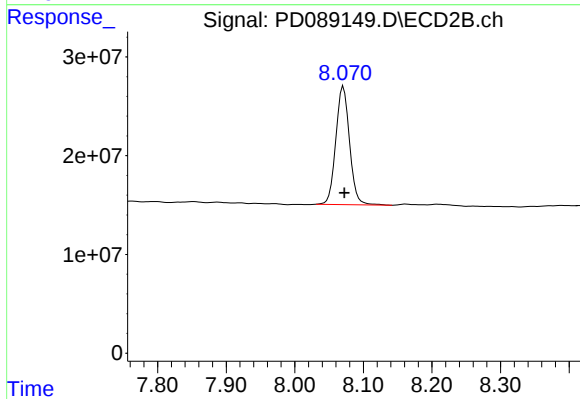
#27 Chlordane-5

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 11505044
Conc: 10.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: -0.001 min
Response: 35658731
Conc: 9.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.001 min
Response: 166881994
Conc: 8.44 ng/ml