

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070725\
 Data File : PD089368.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 19:46
 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: Jul 08 02:27:52 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	63265613	418.9E6	22.174	24.707
2)	SA Decachlor...	9.071	8.070	73205443	340.3E6	18.639	17.215
Target Compounds							
2)	A alpha-BHC	3.999	3.393	60514691	354.4E6	10.382	13.225 #
3)	MA gamma-BHC...	4.330	3.729	60327969	308.2E6	10.808	12.447
4)	MA Heptachlor	4.927	4.080	229246	2026105	0.042	0.081 #
5)	MB Aldrin	0.000	4.364	0	1518103	N.D.	0.063 #
6)	B beta-BHC	4.515	4.025	24988086	136.6E6	11.321	12.716
7)	B delta-BHC	4.758	4.264	843135	158331	0.164	0.006 #
8)	B Heptachlo...	5.681	4.862	514273	19177427	0.107	0.876 #
9)	A Endosulfan I	0.000	5.235	0	7325317	N.D.	0.351 #
10)	B gamma-Chl...	5.942	5.125	431686	34092846	0.090	1.425 #
11)	B alpha-Chl...	6.033	5.188	1265093	12146388	0.261	0.530 #
12)	B 4,4'-DDE	6.195	5.377	252723	1230838	0.058	0.054
13)	MA Dieldrin	6.365f	5.520	432437	530127	0.090	0.023 #
14)	MA Endrin	6.573	5.788	209.4E6	1194.1E6	50.755	54.993
15)	B Endosulfa...	6.770f	6.084	510137	1856377	0.126	0.092 #
16)	A 4,4'-DDD	6.704	5.929	3696236	26402582	1.077	1.380 #
17)	MA 4,4'-DDT	7.020	6.182	355.3E6	2046.6E6	93.783	100.920
18)	B Endrin al...	6.916	6.256	1025492	13611114	0.335	0.889 #
20)	A Methoxychlor	7.492	6.752	423.3E6	2131.4E6	209.514	197.937
21)	B Endrin ke...	7.628	6.989	1881320	17157240	0.462	0.794 #
22)	Mirex	0.000	7.174	0	28008434	N.D.	1.679 #
23)	Chlordane-1	0.000	3.901	0	1887892	N.D.	2.025 #
24)	Chlordane-2	0.000	4.488	0	3573935	N.D.	3.756 #
25)	Chlordane-3	5.942	5.125	431686	34092846	0.501	11.478 #
26)	Chlordane-4	6.033	5.188	1265093	12146388	1.204	4.846 #
27)	Chlordane-5	6.867	6.084	254046	1856377	1.390	1.640

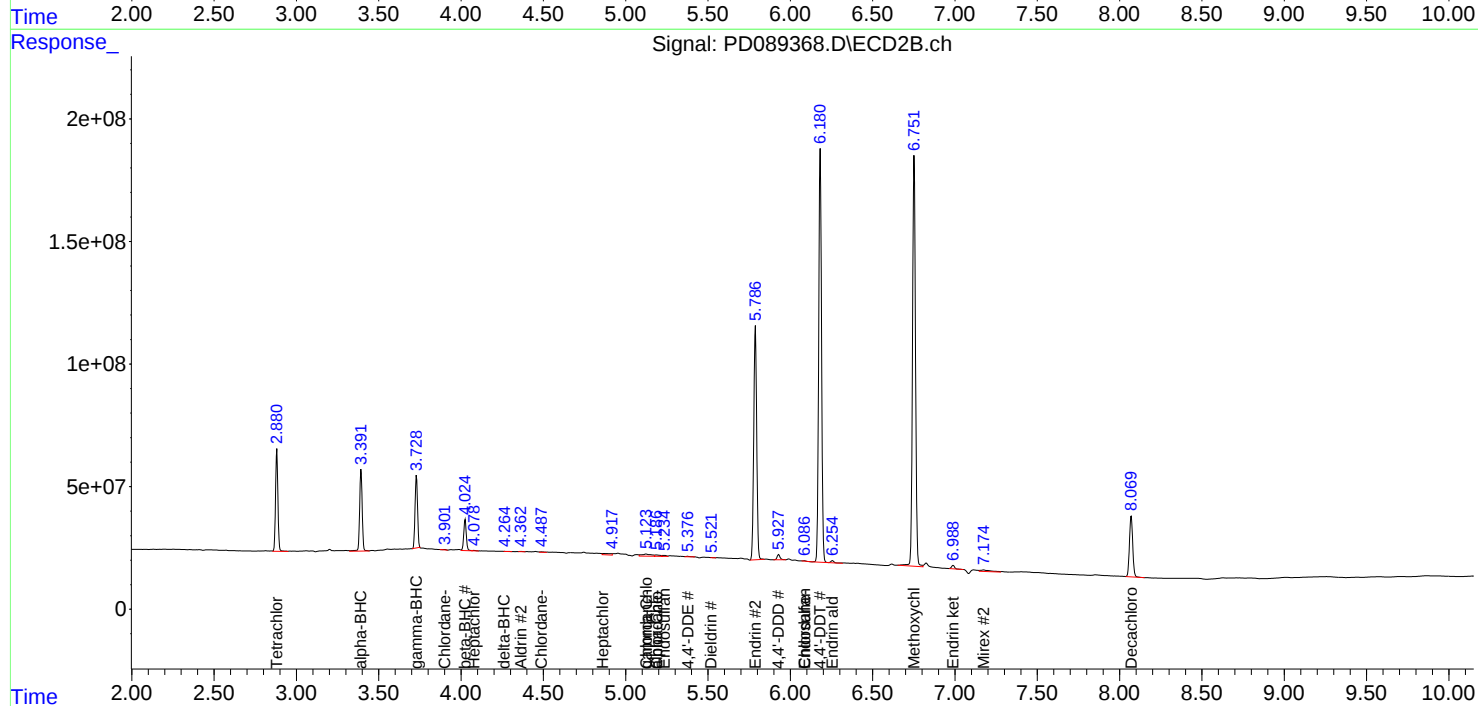
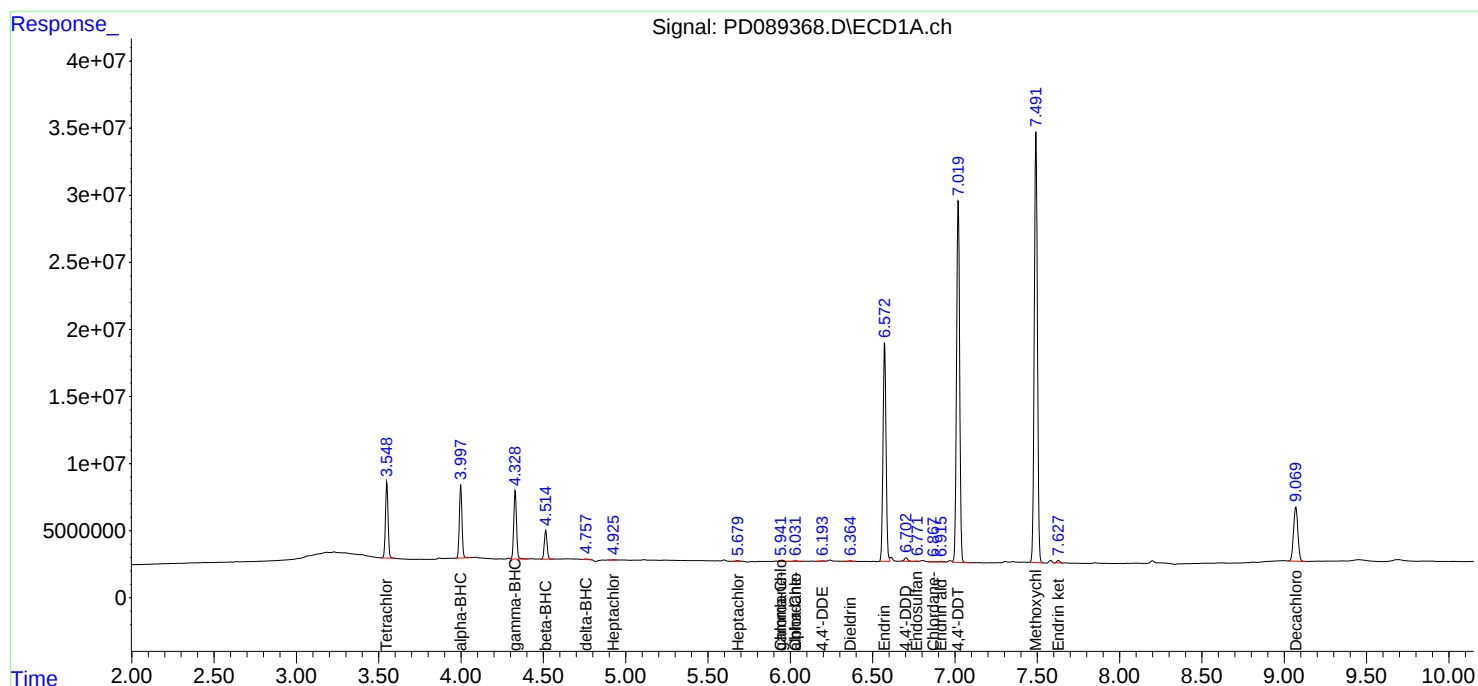
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

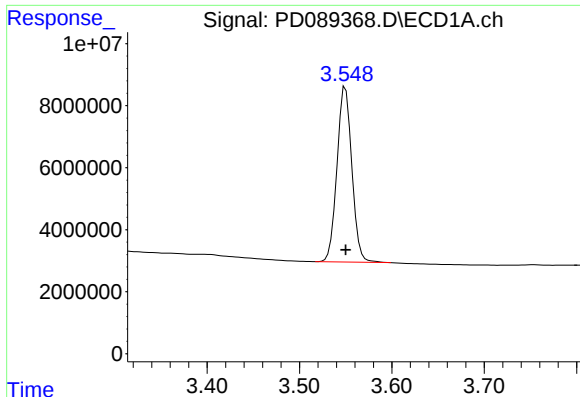
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070725\
Data File : PD089368.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 19:46
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:27:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 2025
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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

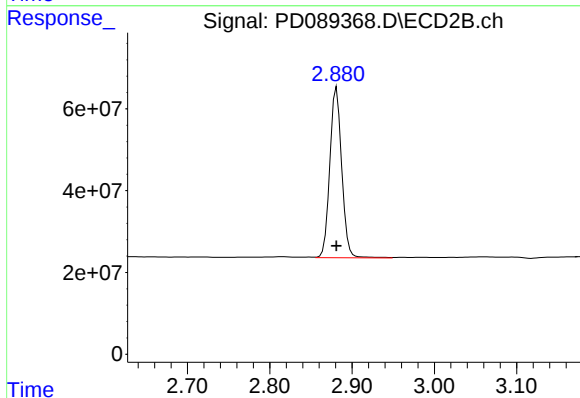




#1 Tetrachloro-m-xylene

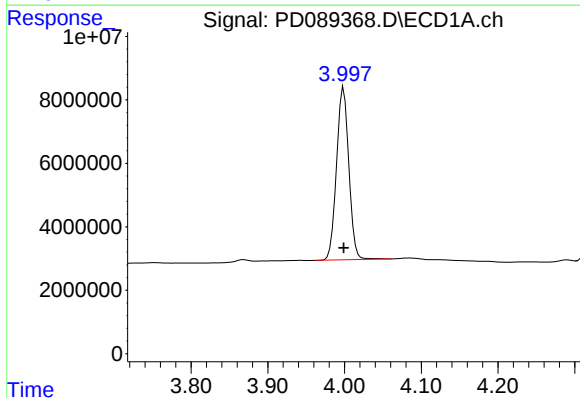
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 63265613
Conc: 22.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



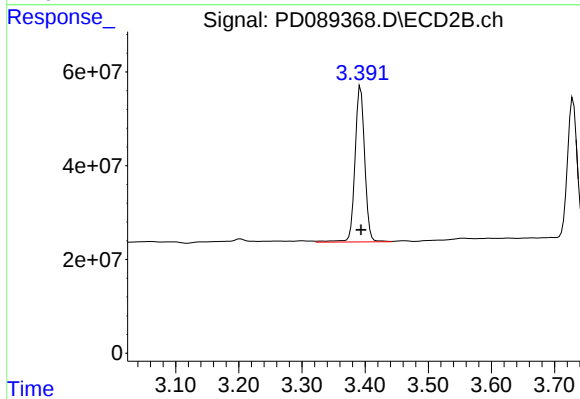
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 418870325
Conc: 24.71 ng/ml



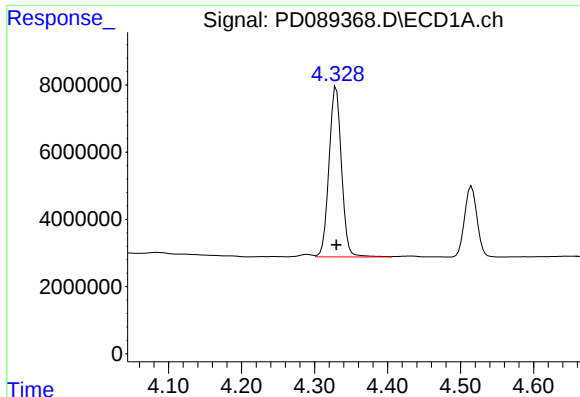
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 60514691
Conc: 10.38 ng/ml



#2 alpha-BHC

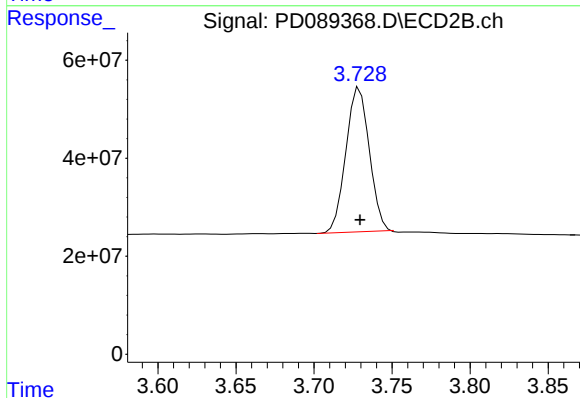
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 354393363
Conc: 13.23 ng/ml



#3 gamma-BHC (Lindane)

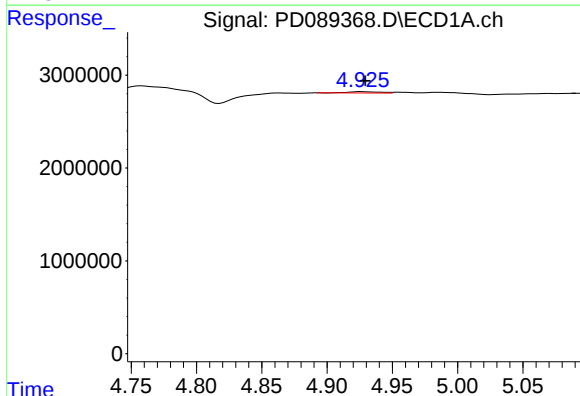
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 60327969
Conc: 10.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



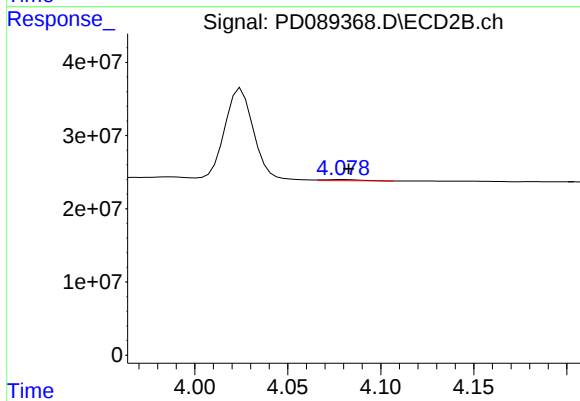
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 308157010
Conc: 12.45 ng/ml



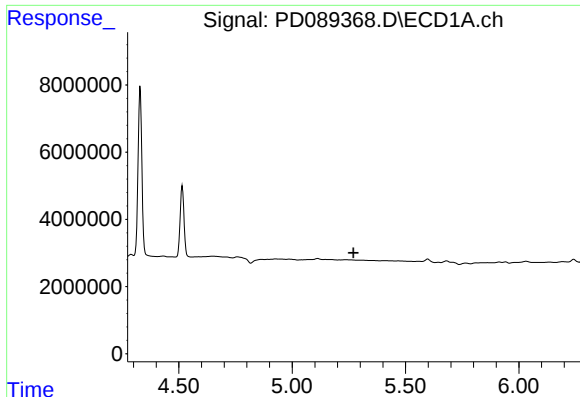
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: -0.003 min
Response: 229246
Conc: 0.04 ng/ml



#4 Heptachlor

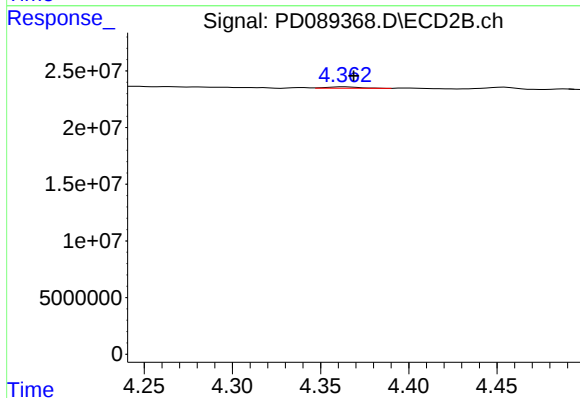
R.T.: 4.080 min
Delta R.T.: -0.003 min
Response: 2026105
Conc: 0.08 ng/ml



#5 Aldrin

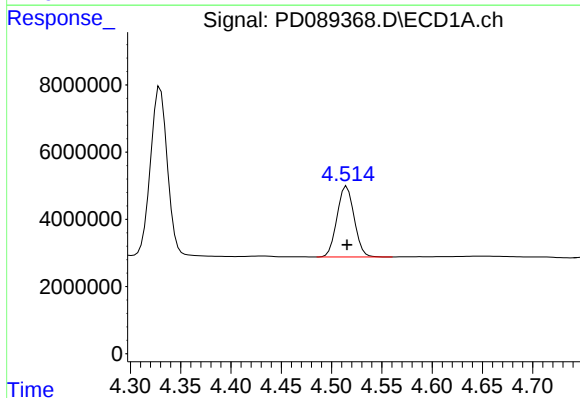
R.T.: 0.000 min
Exp R.T.: 5.271 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



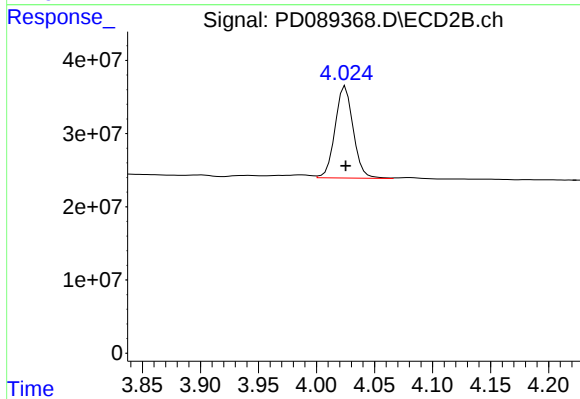
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: -0.005 min
Response: 1518103
Conc: 0.06 ng/ml



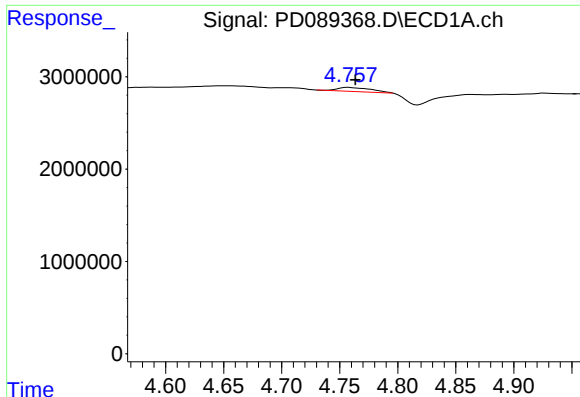
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 24988086
Conc: 11.32 ng/ml



#6 beta-BHC

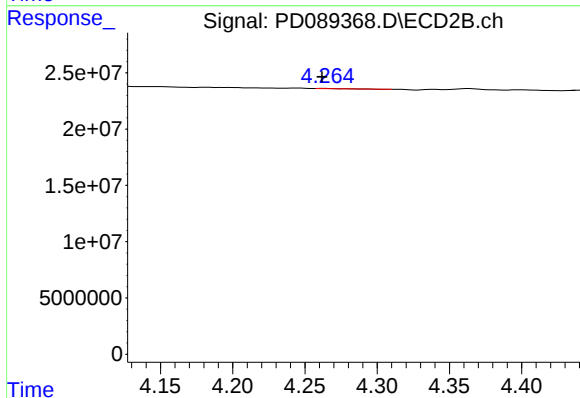
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 136645813
Conc: 12.72 ng/ml



#7 delta-BHC

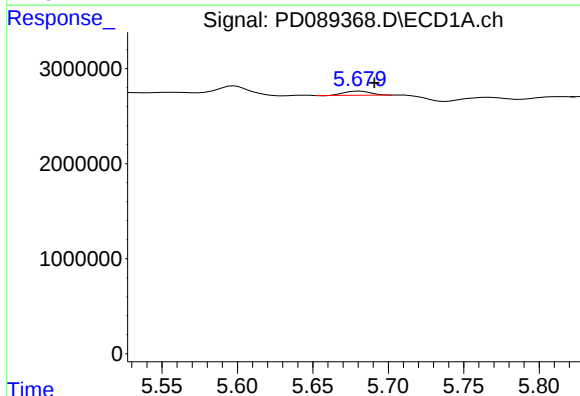
R.T.: 4.758 min
Delta R.T.: -0.006 min
Response: 843135
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



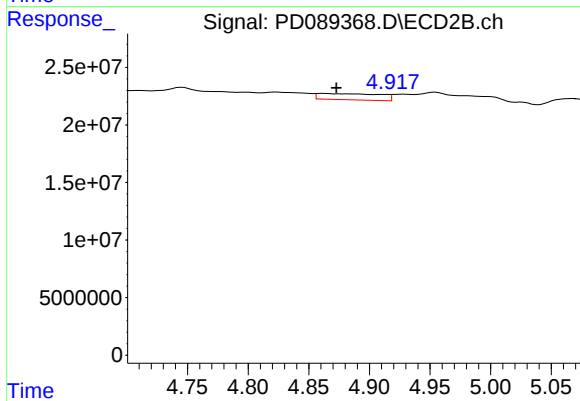
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: 0.002 min
Response: 158331
Conc: 0.01 ng/ml



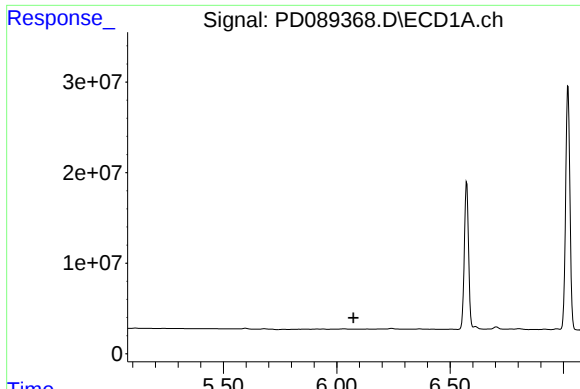
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.010 min
Response: 514273
Conc: 0.11 ng/ml



#8 Heptachlor epoxide

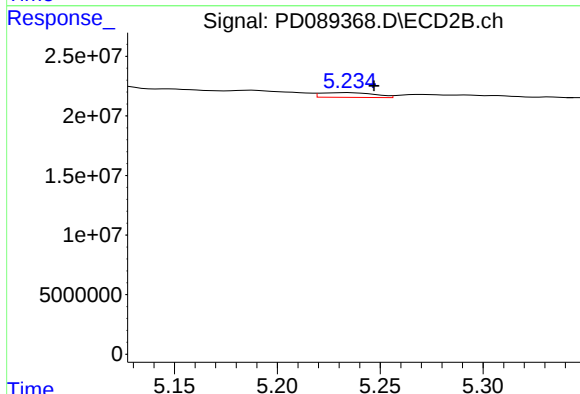
R.T.: 4.862 min
Delta R.T.: -0.011 min
Response: 19177427
Conc: 0.88 ng/ml



#9 Endosulfan I

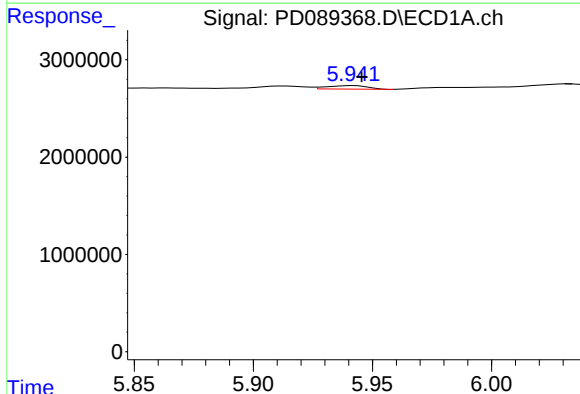
R.T.: 0.000 min
Exp R.T.: 6.074 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



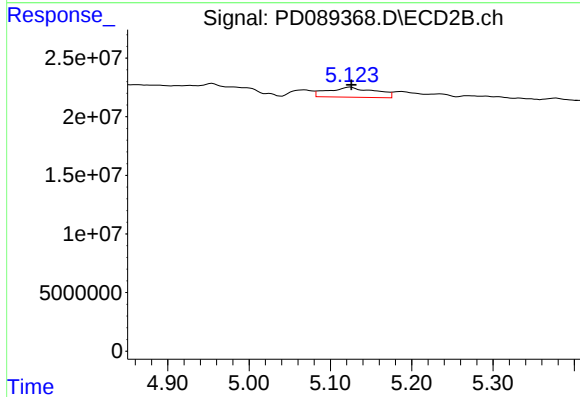
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: -0.012 min
Response: 7325317
Conc: 0.35 ng/ml



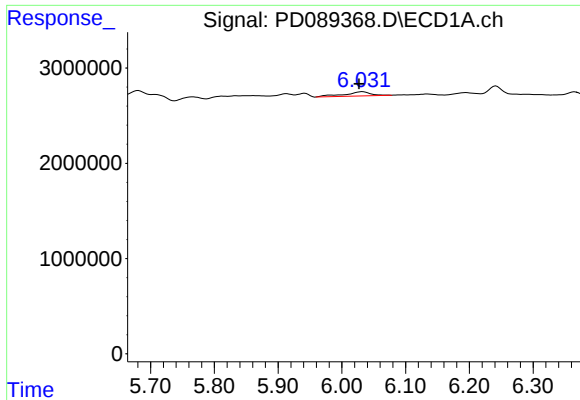
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 431686
Conc: 0.09 ng/ml



#10 gamma-Chlordane

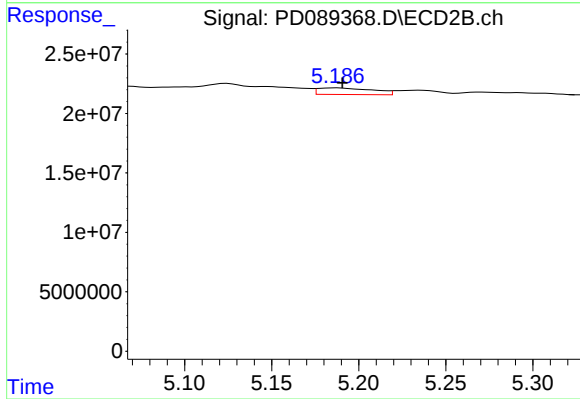
R.T.: 5.125 min
Delta R.T.: -0.001 min
Response: 34092846
Conc: 1.43 ng/ml



#11 alpha-Chlordane

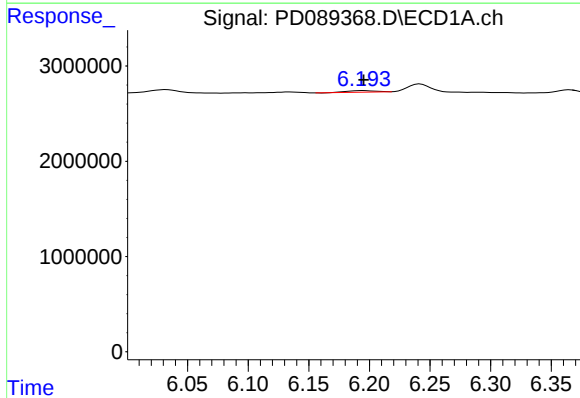
R.T.: 6.033 min
Delta R.T.: 0.006 min
Response: 1265093
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



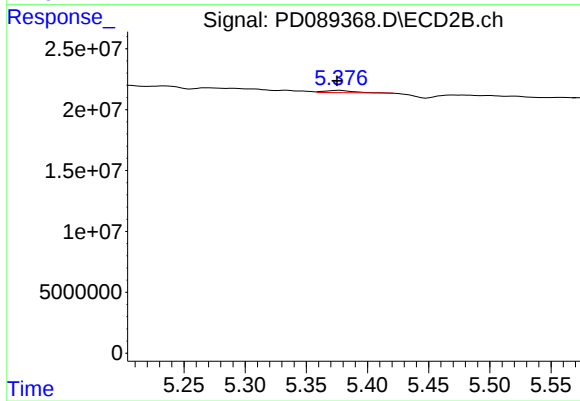
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.003 min
Response: 12146388
Conc: 0.53 ng/ml



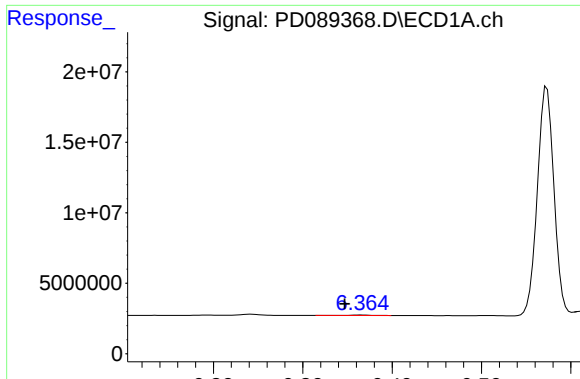
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 252723
Conc: 0.06 ng/ml



#12 4,4'-DDE

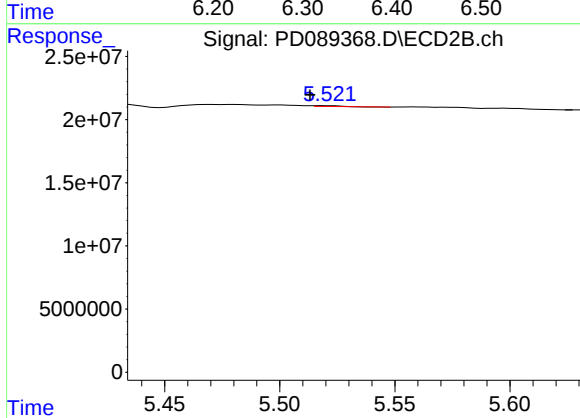
R.T.: 5.377 min
Delta R.T.: 0.002 min
Response: 1230838
Conc: 0.05 ng/ml



#13 Dieldrin

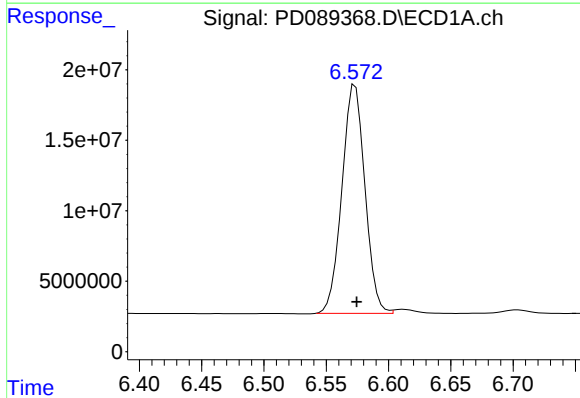
R.T.: 6.365 min
Delta R.T.: 0.018 min
Response: 432437
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



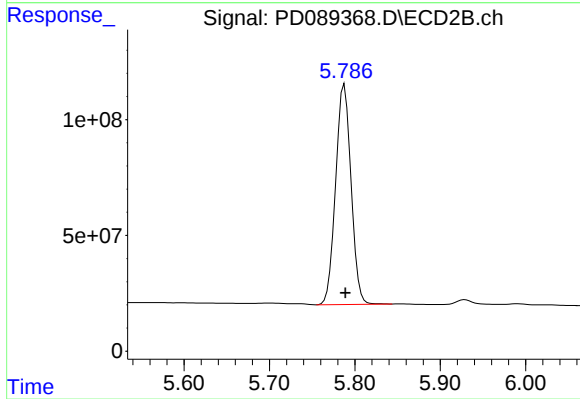
#13 Dieldrin

R.T.: 5.520 min
Delta R.T.: 0.007 min
Response: 530127
Conc: 0.02 ng/ml



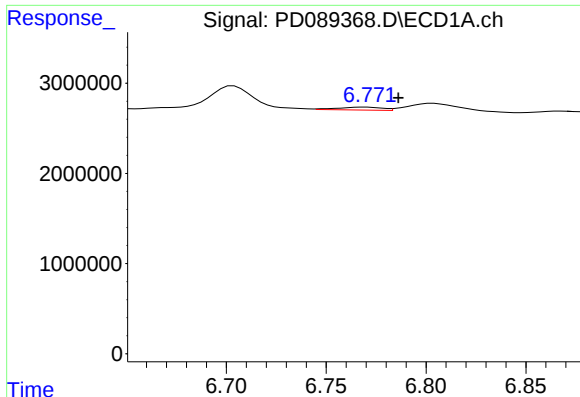
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 209395960
Conc: 50.76 ng/ml



#14 Endrin

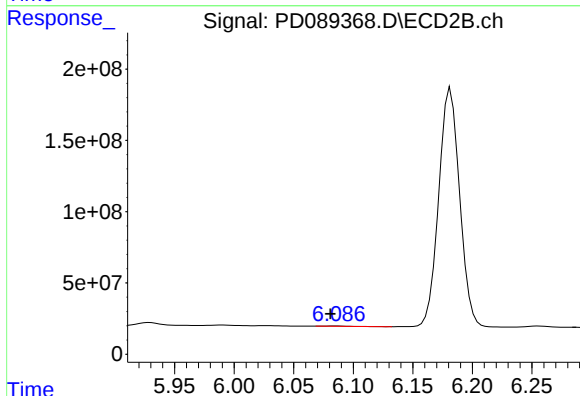
R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 1194113771
Conc: 54.99 ng/ml



#15 Endosulfan II

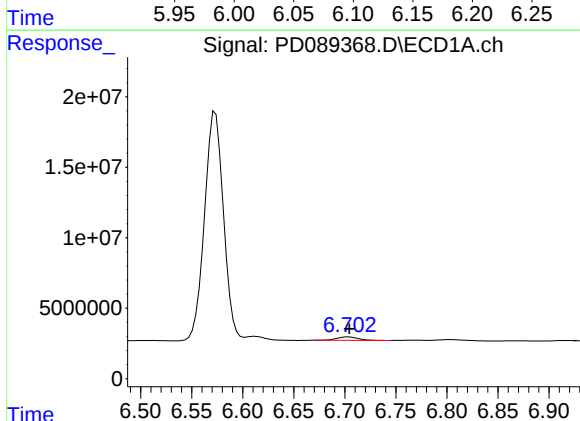
R.T.: 6.770 min
Delta R.T.: -0.017 min
Response: 510137
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



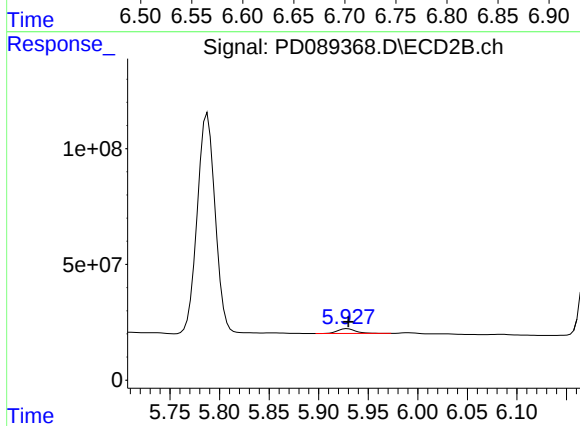
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: 0.004 min
Response: 1856377
Conc: 0.09 ng/ml



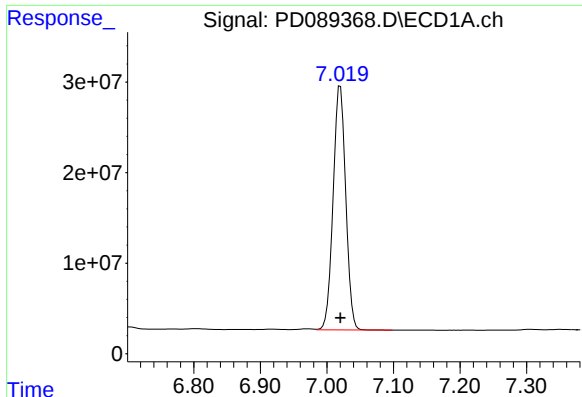
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.001 min
Response: 3696236
Conc: 1.08 ng/ml



#16 4,4'-DDD

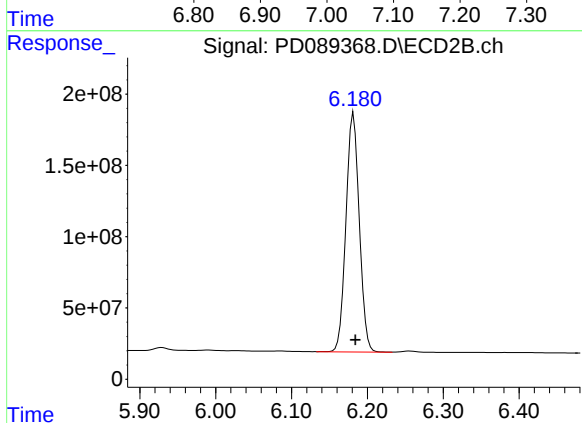
R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 26402582
Conc: 1.38 ng/ml



#17 4,4'-DDT

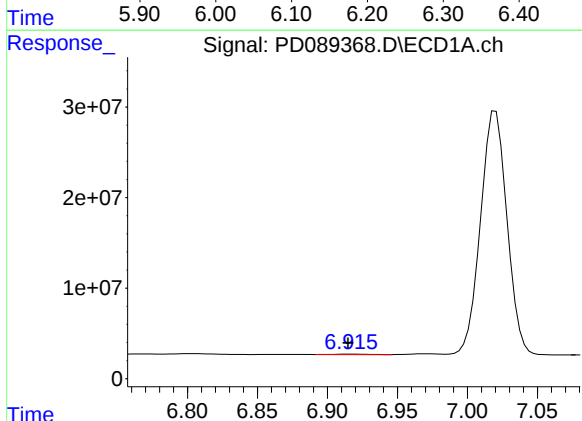
R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 355268230
Conc: 93.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



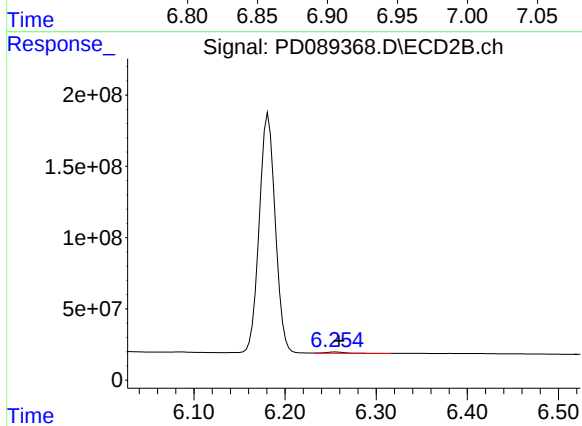
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 2046580341
Conc: 100.92 ng/ml



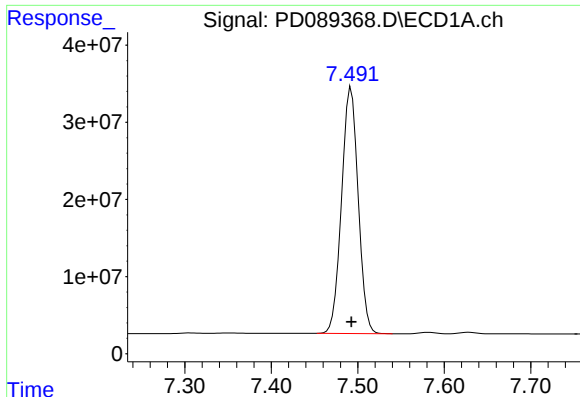
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.002 min
Response: 1025492
Conc: 0.33 ng/ml



#18 Endrin aldehyde

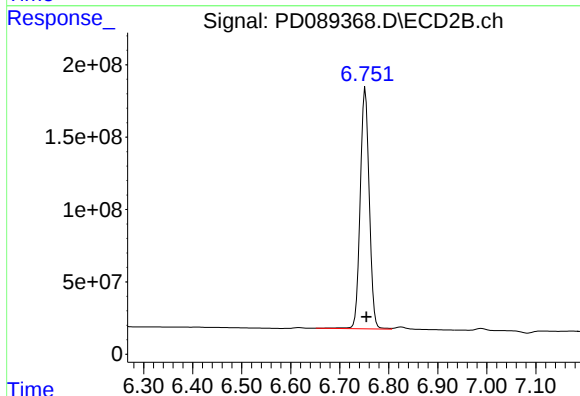
R.T.: 6.256 min
Delta R.T.: -0.003 min
Response: 13611114
Conc: 0.89 ng/ml



#20 Methoxychlor

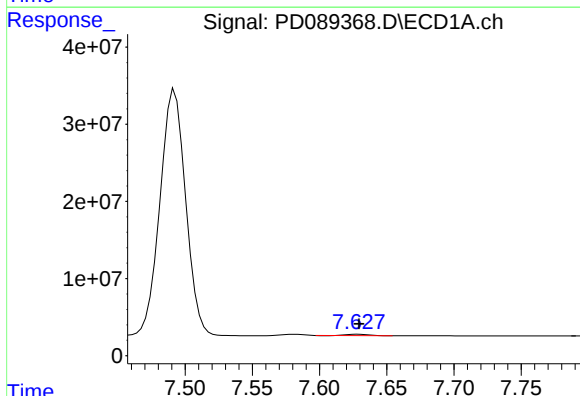
R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 423349661
Conc: 209.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



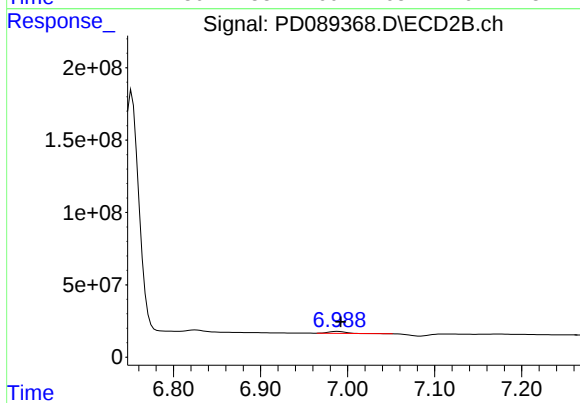
#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 2131404979
Conc: 197.94 ng/ml



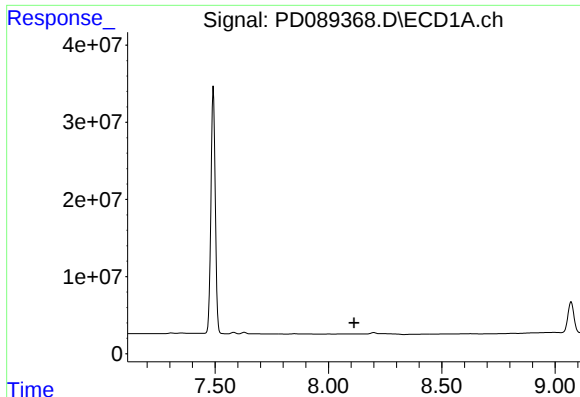
#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: -0.001 min
Response: 1881320
Conc: 0.46 ng/ml



#21 Endrin ketone

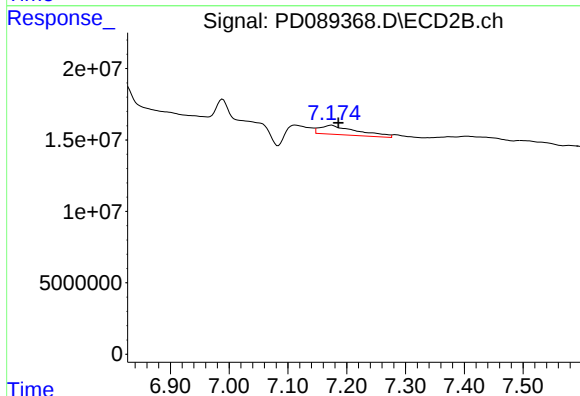
R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 17157240
Conc: 0.79 ng/ml



#22 Mirex

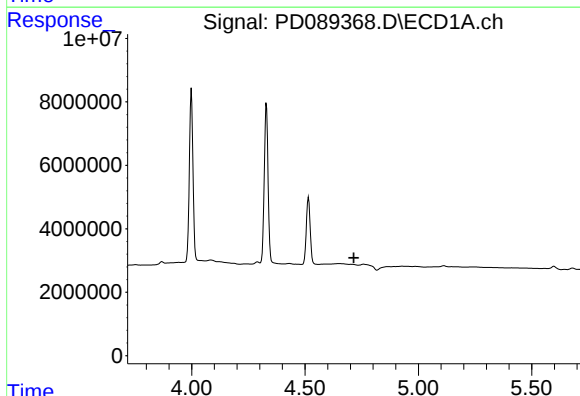
R.T.: 0.000 min
Exp R.T.: 8.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



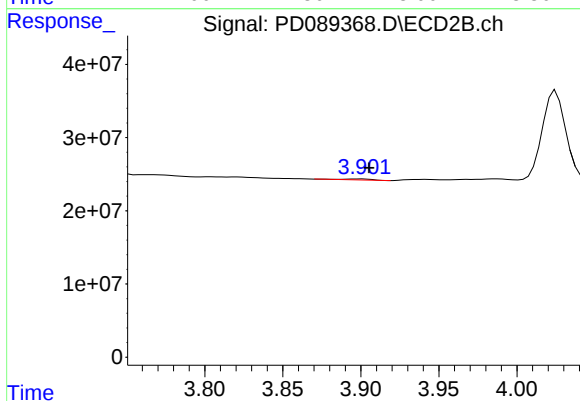
#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.011 min
Response: 28008434
Conc: 1.68 ng/ml



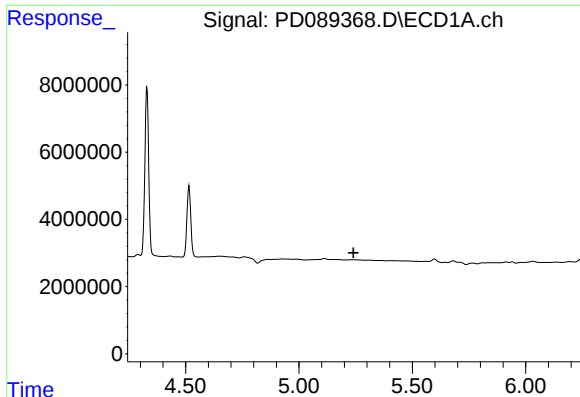
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.



#23 Chlordane-1

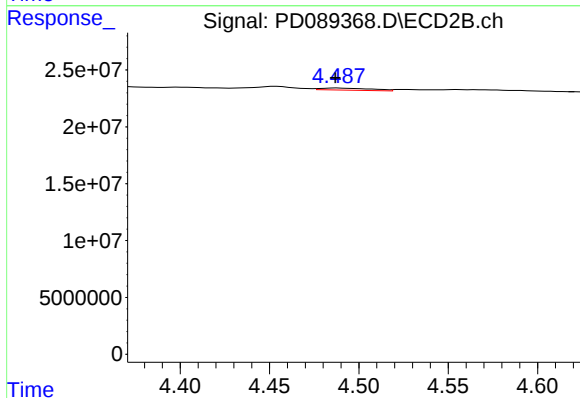
R.T.: 3.901 min
Delta R.T.: -0.005 min
Response: 1887892
Conc: 2.03 ng/ml



#24 Chlordane-2

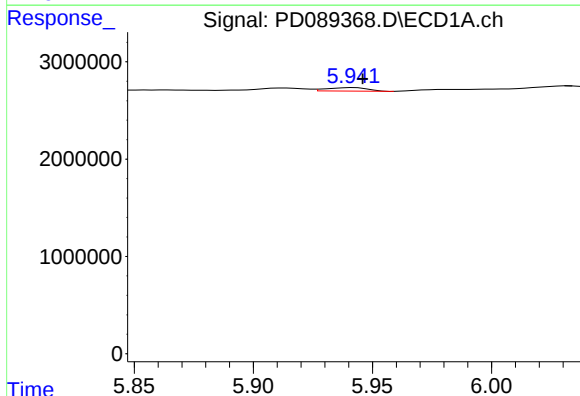
R.T.: 0.000 min
Exp R.T.: 5.241 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



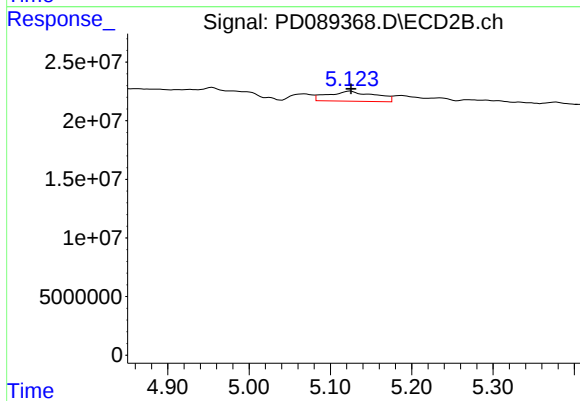
#24 Chlordane-2

R.T.: 4.488 min
Delta R.T.: 0.001 min
Response: 3573935
Conc: 3.76 ng/ml



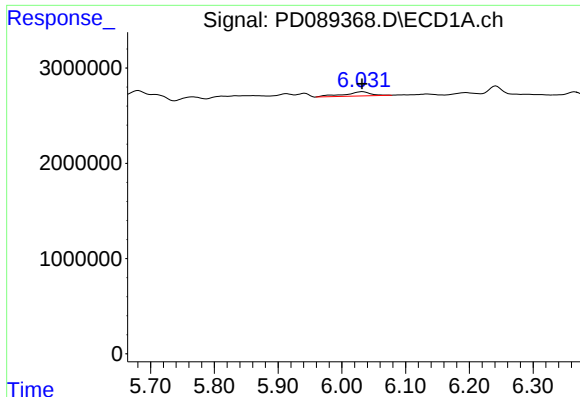
#25 Chlordane-3

R.T.: 5.942 min
Delta R.T.: -0.004 min
Response: 431686
Conc: 0.50 ng/ml



#25 Chlordane-3

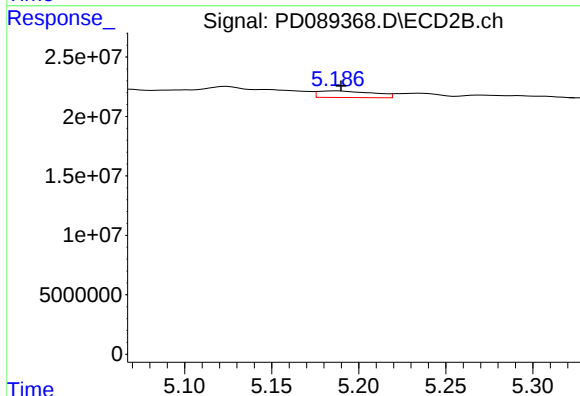
R.T.: 5.125 min
Delta R.T.: -0.001 min
Response: 34092846
Conc: 11.48 ng/ml



#26 Chlordane-4

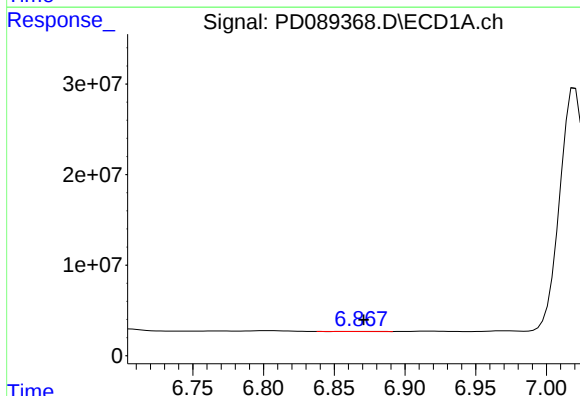
R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 1265093
Conc: 1.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



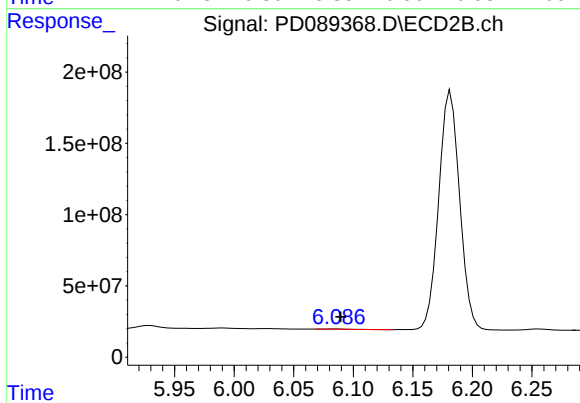
#26 Chlordane-4

R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 12146388
Conc: 4.85 ng/ml



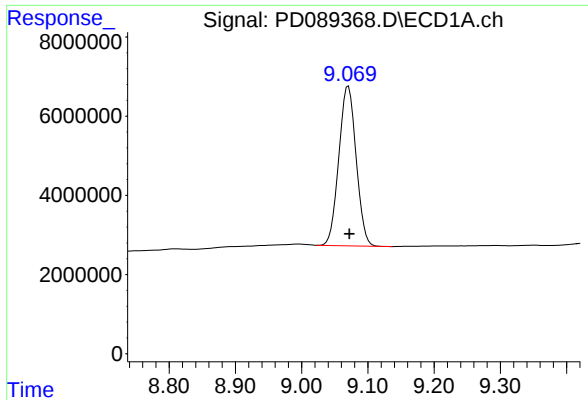
#27 Chlordane-5

R.T.: 6.867 min
Delta R.T.: -0.003 min
Response: 254046
Conc: 1.39 ng/ml



#27 Chlordane-5

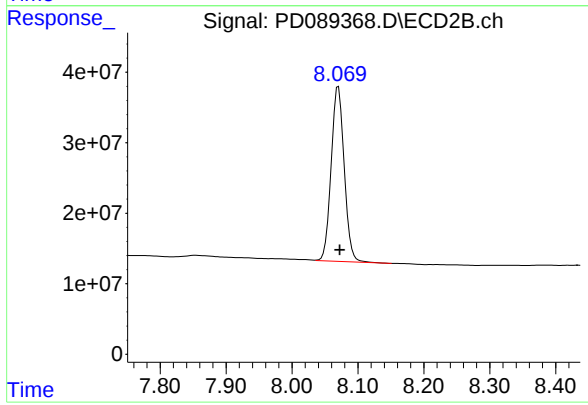
R.T.: 6.084 min
Delta R.T.: -0.005 min
Response: 1856377
Conc: 1.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: -0.001 min
Response: 73205443
Conc: 18.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: -0.002 min
Response: 340342216
Conc: 17.22 ng/ml