

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
 Data File : PD089686.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2025 10:47
 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: Aug 01 07:05:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 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...	3.548	2.878	50972762	348.2E6	20.665	21.988
28)	SA Decachlor...	9.070	8.068	80035568	443.4E6	21.537	22.084
Target Compounds							
2)	A alpha-BHC	3.997	3.390	48629241	283.5E6	9.817	11.664
3)	MA gamma-BHC...	4.328	3.726	47886972	263.6E6	10.076	11.702
4)	MA Heptachlor	0.000	4.080	0	1156341	N.D.	0.050 #
5)	MB Aldrin	5.249f	4.361	361137	824641	0.079	0.037 #
6)	B beta-BHC	4.514	4.022	19846516	114.3E6	10.759	11.842
7)	B delta-BHC	4.758	4.257	854034	968577	0.186	0.043 #
8)	B Heptachlo...	5.681	4.888f	811816	2849041	0.194	0.139 #
9)	A Endosulfan I	0.000	5.222f	0	2014235	N.D.	0.103 #
10)	B gamma-Chl...	5.940	5.122	424117	7320474	0.101	0.338 #
11)	B alpha-Chl...	6.031	5.184	1172686	4533599	0.279	0.218
12)	B 4,4'-DDE	6.198	5.373	273496	1718680	0.073	0.081
13)	MA Dieldrin	0.000	5.485f	0	92959	N.D.	0.004 #
14)	MA Endrin	6.572	5.785	195.8E6	1085.2E6	54.728	54.466
15)	B Endosulfa...	6.767f	6.086	715707	1921169	0.195	0.102 #
16)	A 4,4'-DDD	6.703	5.927	2381274	14113020	0.795	0.800
17)	MA 4,4'-DDT	7.020	6.179	364.8E6	1984.7E6	108.555	108.023
18)	B Endrin al...	6.915	6.253	642296	9551952	0.257	0.739 #
19)	B Endosulfa...	0.000	6.478	0	357056	N.D.	0.019 #
20)	A Methoxychlor	7.491	6.750	463.0E6	2323.4E6	258.926	237.192
21)	B Endrin ke...	7.628	6.986	1466086	14317832	0.395	0.713 #
22)	Mirex	8.119	7.172	78826	2532809	0.028	0.166 #
23)	Chlordane-1	0.000	3.901	0	579301	N.D.	0.792 #
24)	Chlordane-2	5.249	4.480	361137	1166415	2.125	1.526 #
25)	Chlordane-3	5.940	5.122	424117	7320474	0.618	3.163 #
26)	Chlordane-4	6.031	5.184	1172686	4533599	1.401	2.279 #
27)	Chlordane-5	6.871	6.086	148005	1921169	1.026	2.124 #

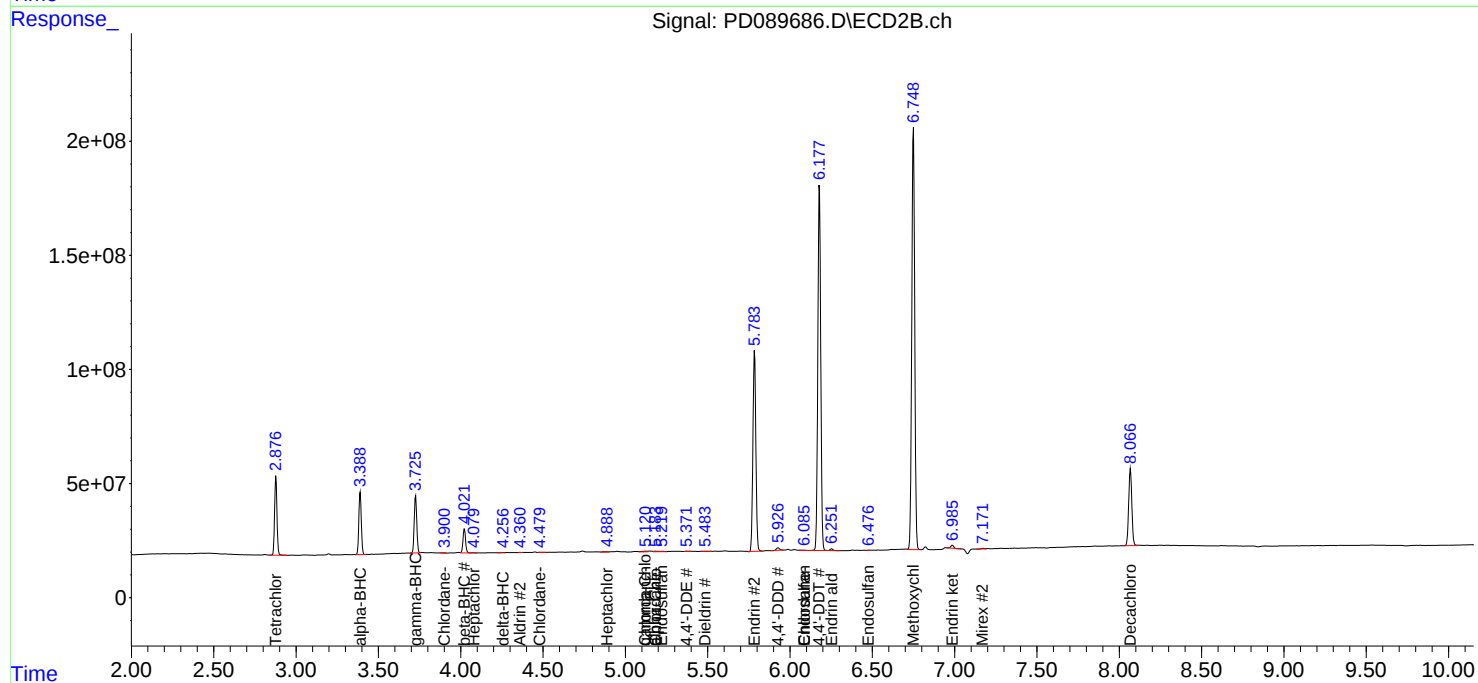
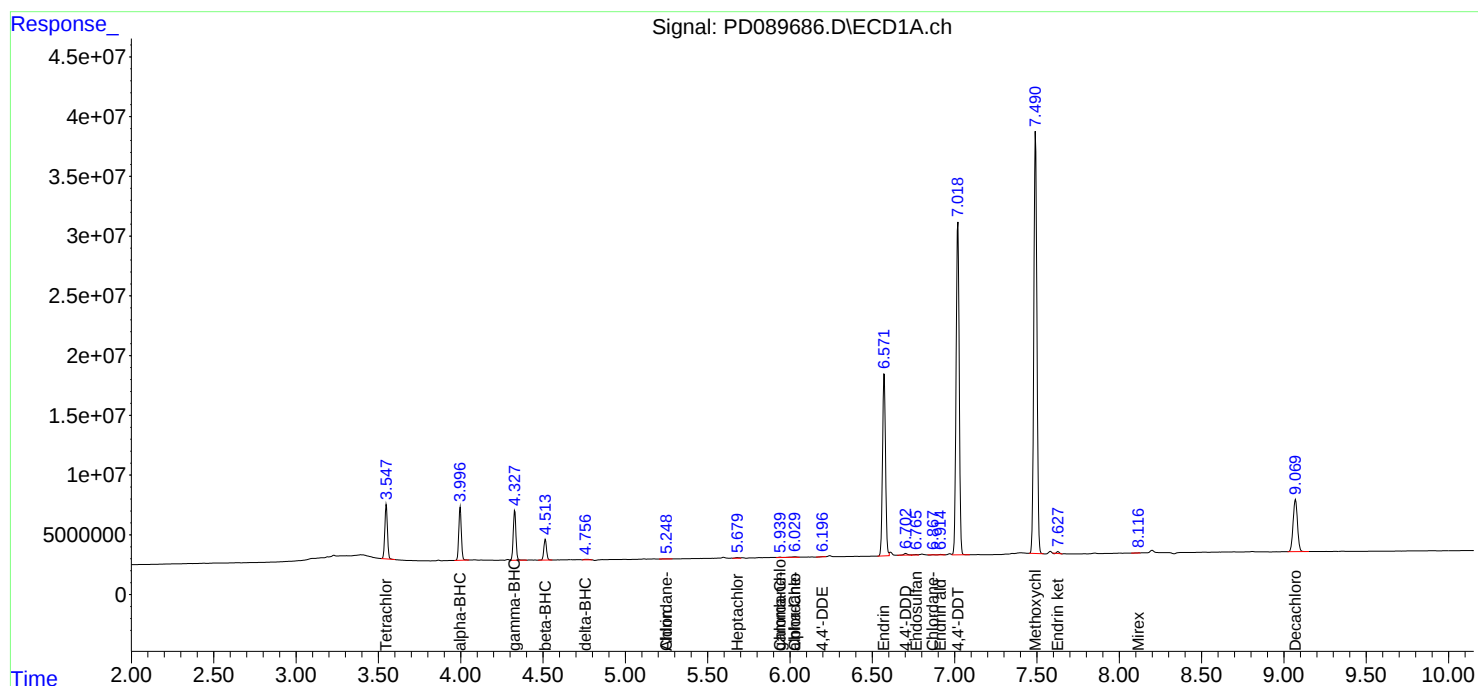
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

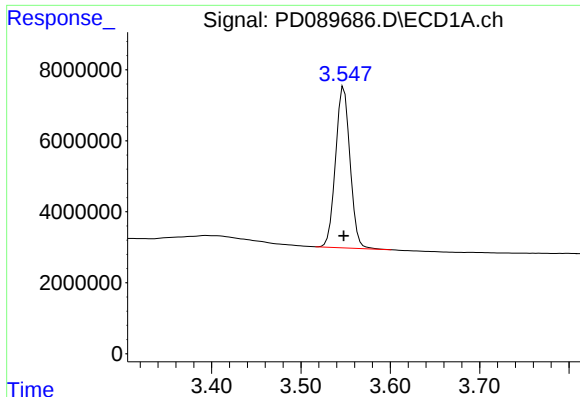
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089686.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 10:47
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 07:05:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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

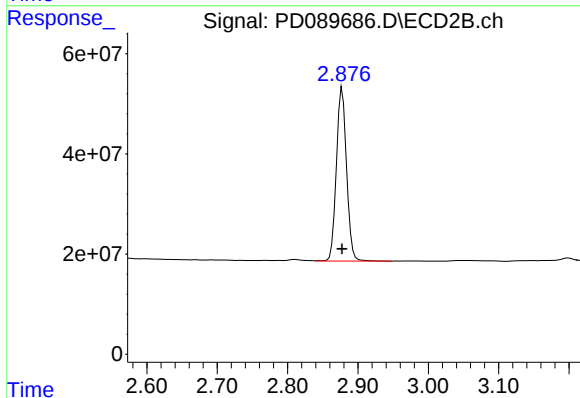




#1 Tetrachloro-m-xylene

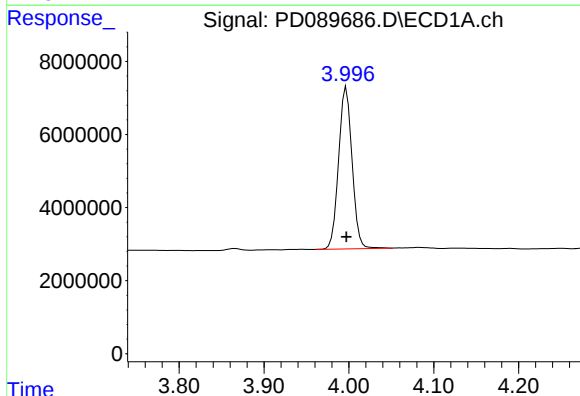
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 50972762
Conc: 20.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



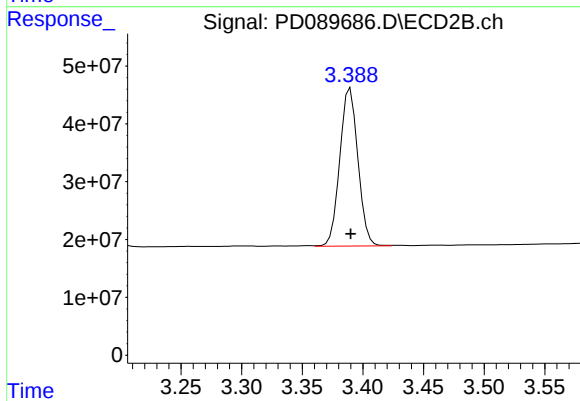
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 348246363
Conc: 21.99 ng/ml



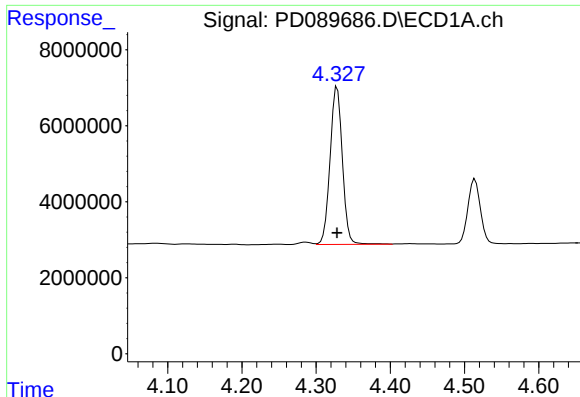
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 48629241
Conc: 9.82 ng/ml



#2 alpha-BHC

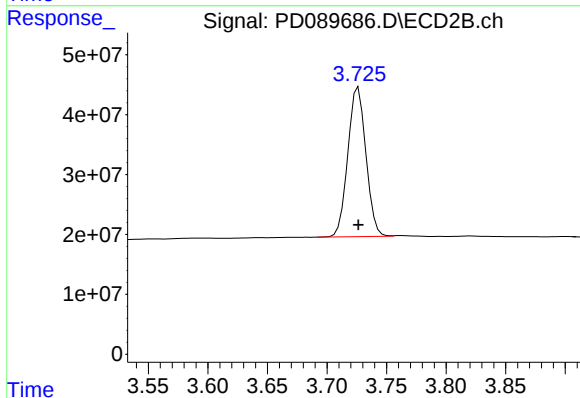
R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 283494256
Conc: 11.66 ng/ml



#3 gamma-BHC (Lindane)

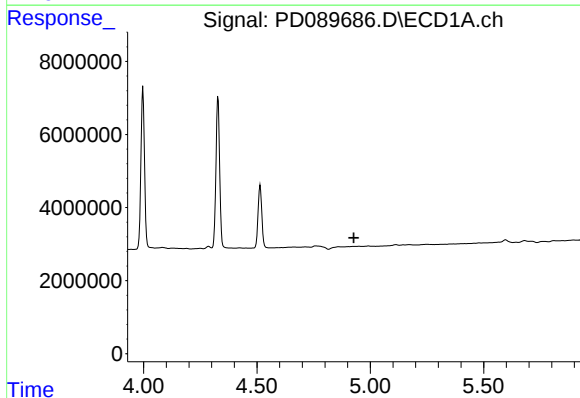
R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 47886972
Conc: 10.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



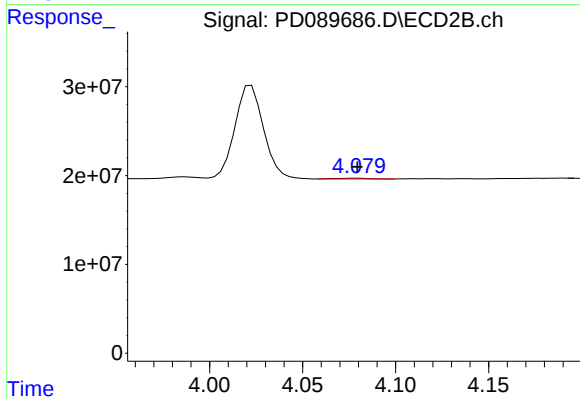
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 263580713
Conc: 11.70 ng/ml



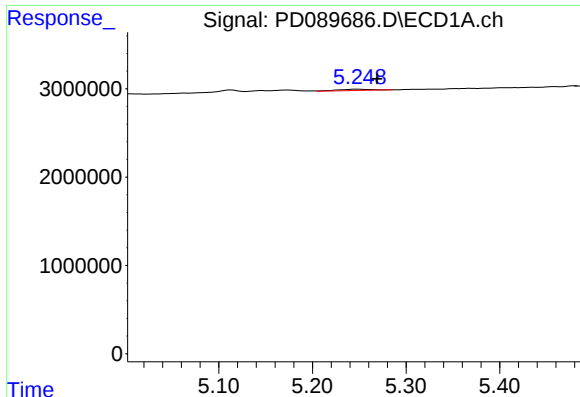
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.927 min
Response: 0
Conc: N.D.



#4 Heptachlor

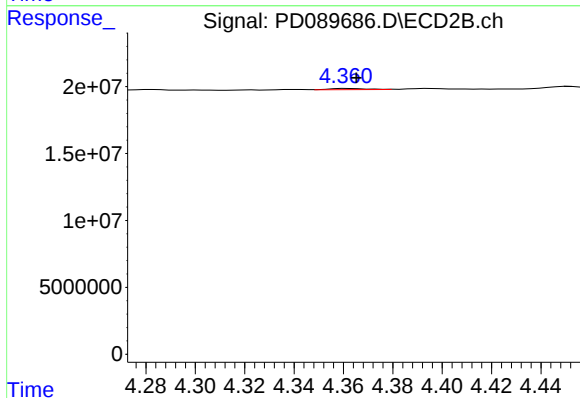
R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 1156341
Conc: 0.05 ng/ml



#5 Aldrin

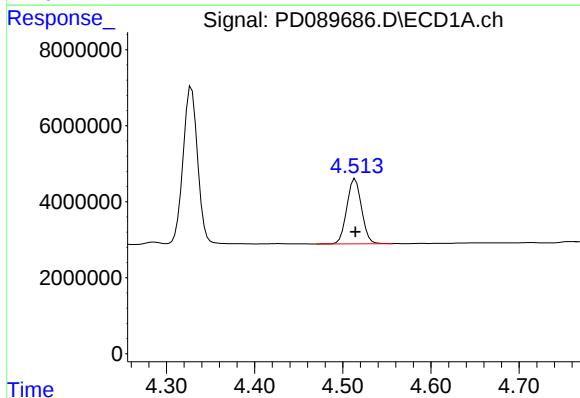
R.T.: 5.249 min
Delta R.T.: -0.020 min
Response: 361137
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



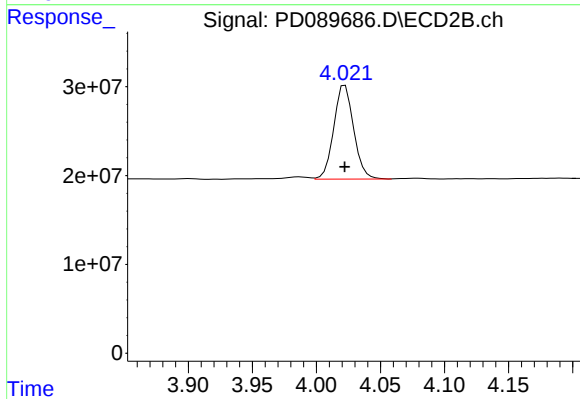
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.004 min
Response: 824641
Conc: 0.04 ng/ml



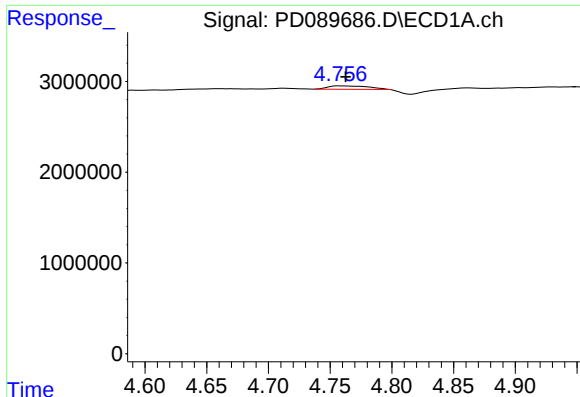
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 19846516
Conc: 10.76 ng/ml



#6 beta-BHC

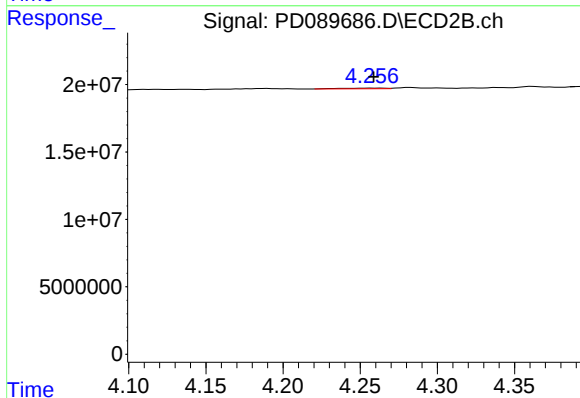
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 114263731
Conc: 11.84 ng/ml



#7 delta-BHC

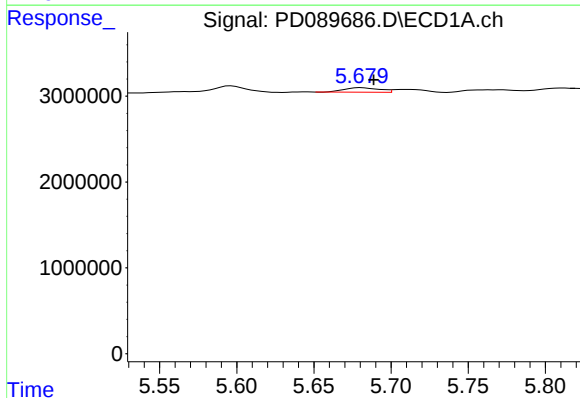
R.T.: 4.758 min
Delta R.T.: -0.005 min
Response: 854034
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



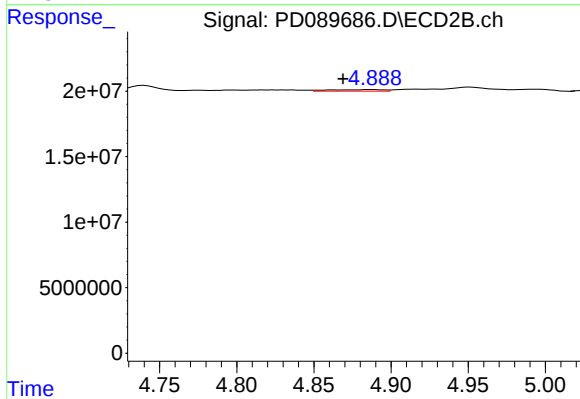
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: -0.002 min
Response: 968577
Conc: 0.04 ng/ml



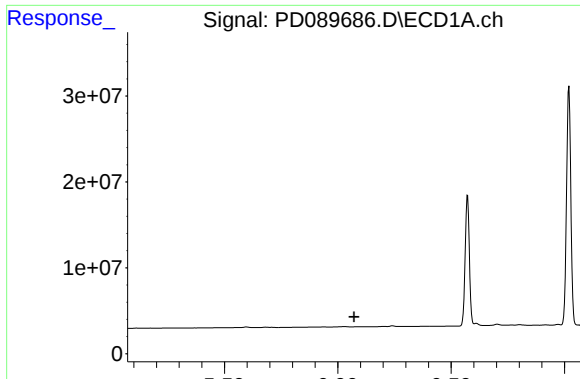
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.008 min
Response: 811816
Conc: 0.19 ng/ml



#8 Heptachlor epoxide

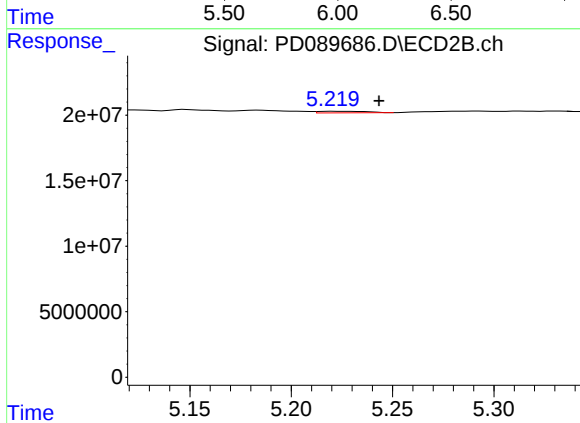
R.T.: 4.888 min
Delta R.T.: 0.019 min
Response: 2849041
Conc: 0.14 ng/ml



#9 Endosulfan I

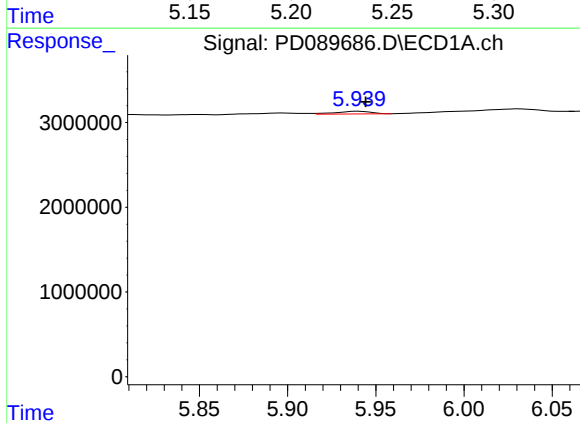
R.T.: 0.000 min
Exp R.T.: 6.072 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



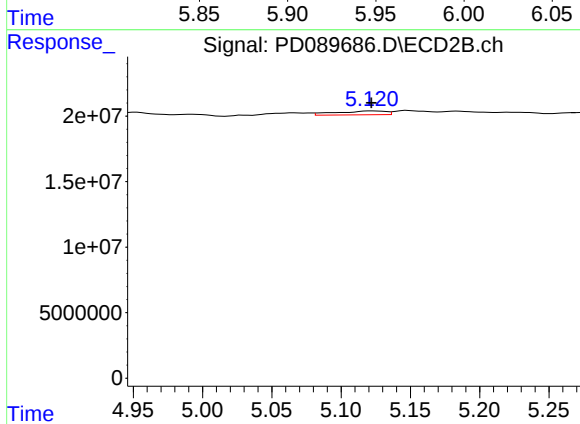
#9 Endosulfan I

R.T.: 5.222 min
Delta R.T.: -0.021 min
Response: 2014235
Conc: 0.10 ng/ml



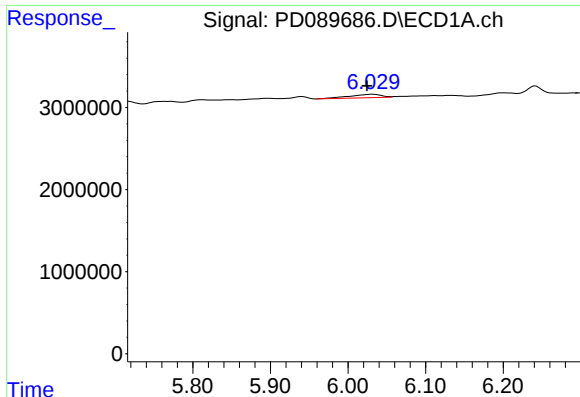
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.004 min
Response: 424117
Conc: 0.10 ng/ml



#10 gamma-Chlordane

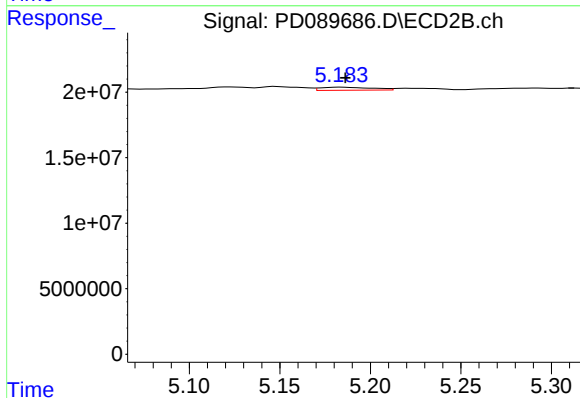
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 7320474
Conc: 0.34 ng/ml



#11 alpha-Chlordane

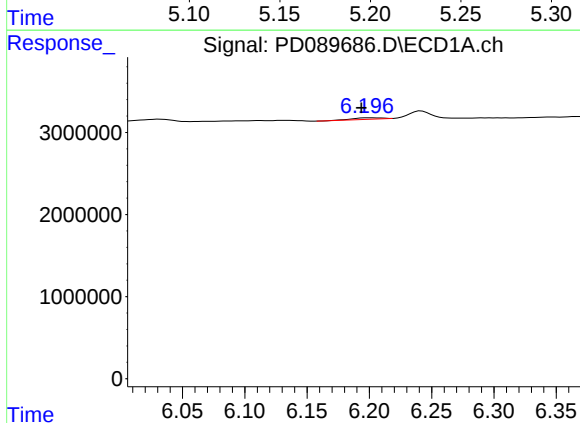
R.T.: 6.031 min
Delta R.T.: 0.006 min
Response: 1172686
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



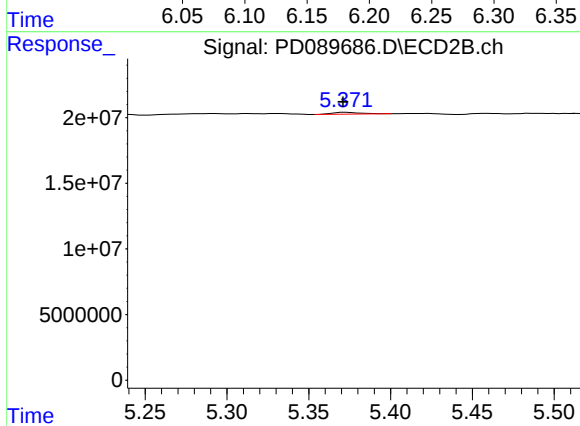
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 4533599
Conc: 0.22 ng/ml



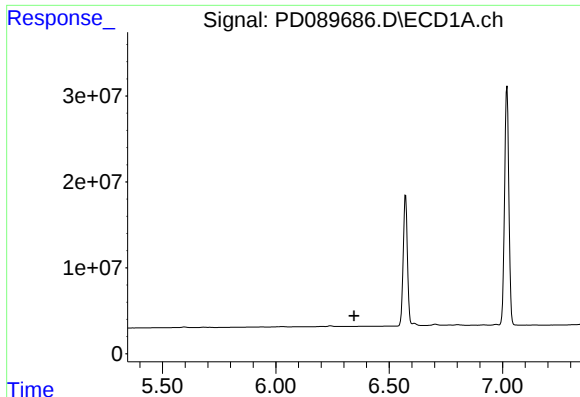
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.005 min
Response: 273496
Conc: 0.07 ng/ml



#12 4,4'-DDE

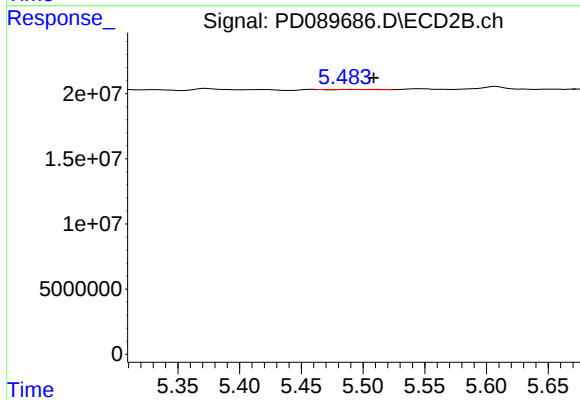
R.T.: 5.373 min
Delta R.T.: 0.002 min
Response: 1718680
Conc: 0.08 ng/ml



#13 Dieldrin

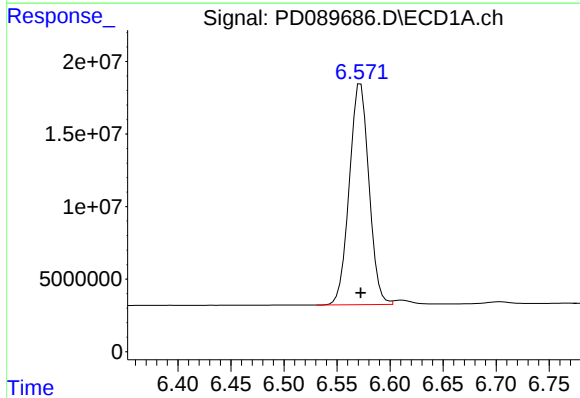
R.T.: 0.000 min
Exp R.T.: 6.345 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



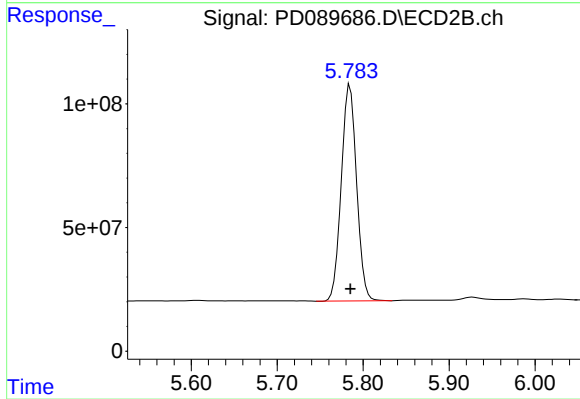
#13 Dieldrin

R.T.: 5.485 min
Delta R.T.: -0.024 min
Response: 92959
Conc: 0.00 ng/ml



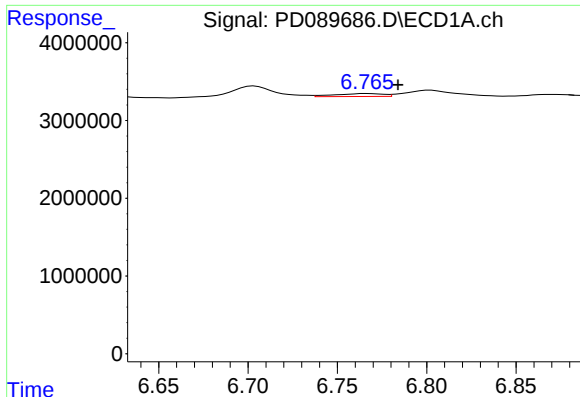
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 195800927
Conc: 54.73 ng/ml



#14 Endrin

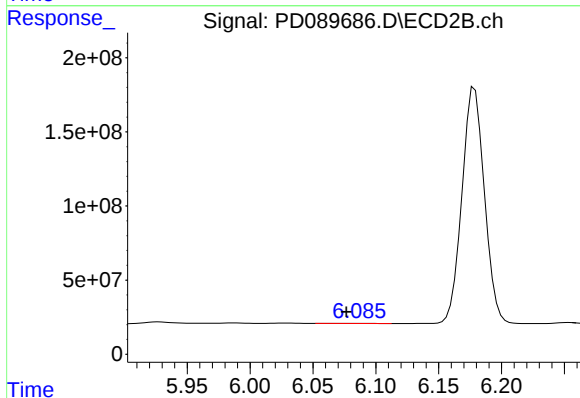
R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 1085241845
Conc: 54.47 ng/ml



#15 Endosulfan II

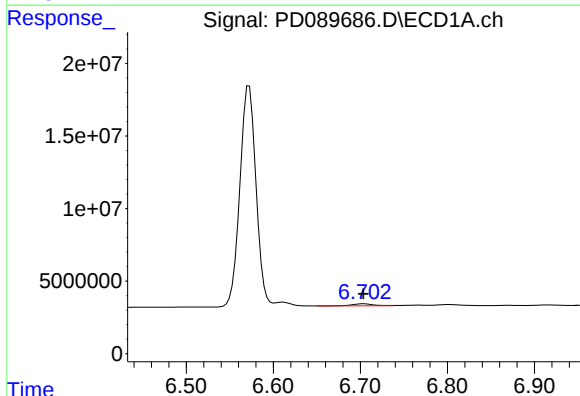
R.T.: 6.767 min
Delta R.T.: -0.017 min
Response: 715707
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



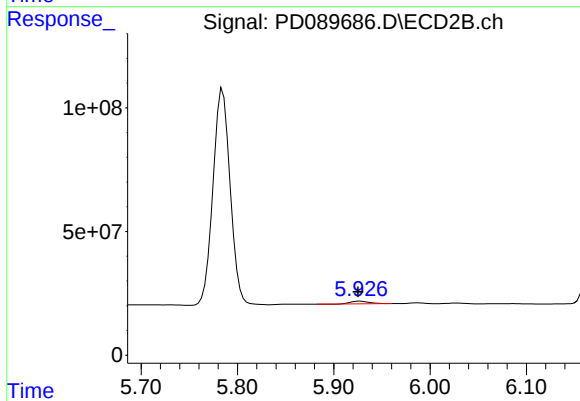
#15 Endosulfan II

R.T.: 6.086 min
Delta R.T.: 0.009 min
Response: 1921169
Conc: 0.10 ng/ml



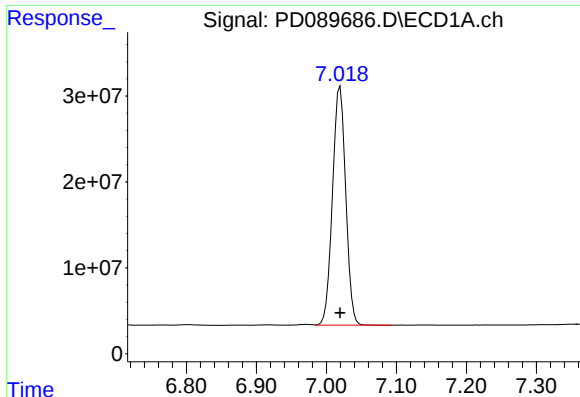
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 2381274
Conc: 0.80 ng/ml



#16 4,4'-DDD

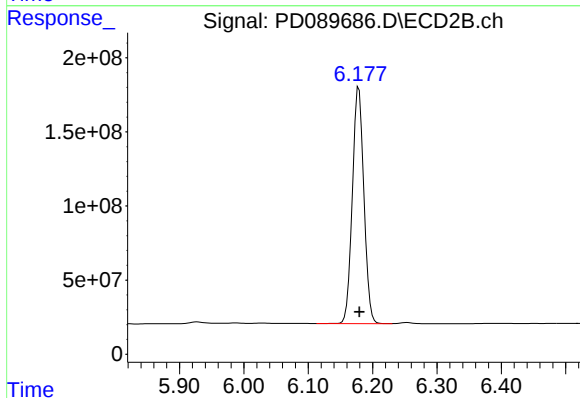
R.T.: 5.927 min
Delta R.T.: 0.002 min
Response: 14113020
Conc: 0.80 ng/ml



#17 4,4'-DDT

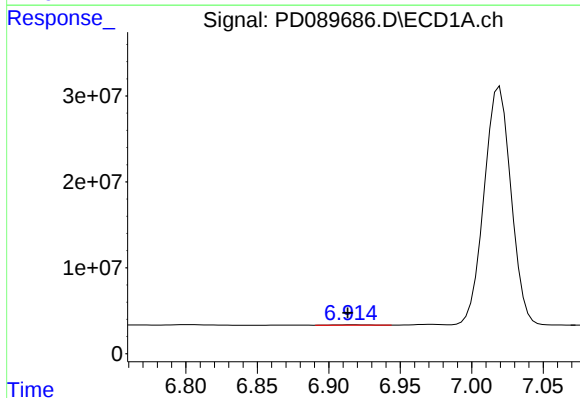
R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 364771708
Conc: 108.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



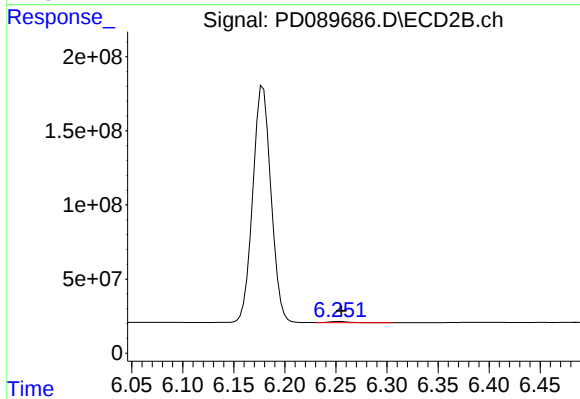
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 1984665033
Conc: 108.02 ng/ml



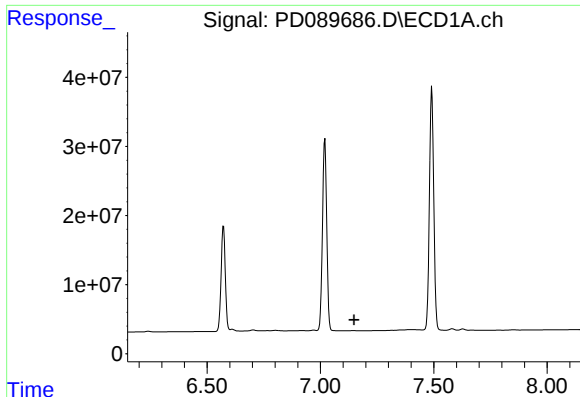
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.002 min
Response: 642296
Conc: 0.26 ng/ml



#18 Endrin aldehyde

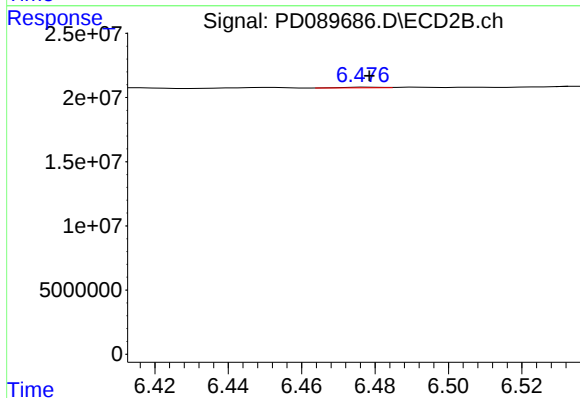
R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 9551952
Conc: 0.74 ng/ml



#19 Endosulfan Sulfate

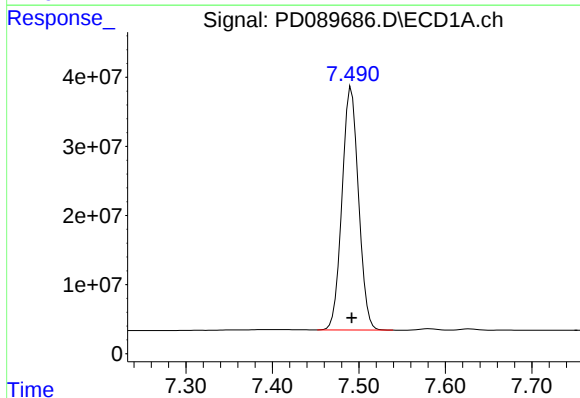
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



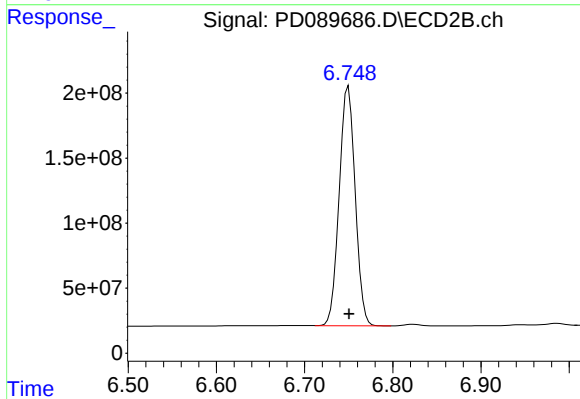
#19 Endosulfan Sulfate

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 357056
Conc: 0.02 ng/ml



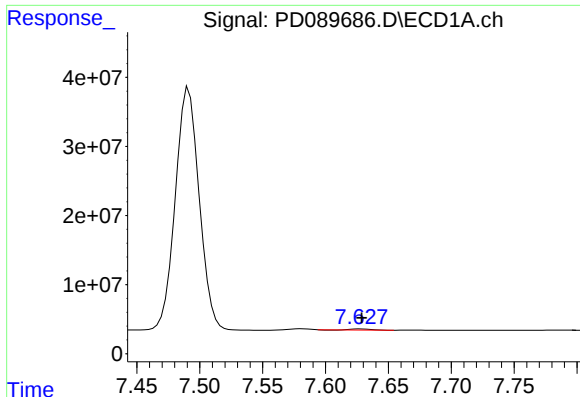
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 462952824
Conc: 258.93 ng/ml



#20 Methoxychlor

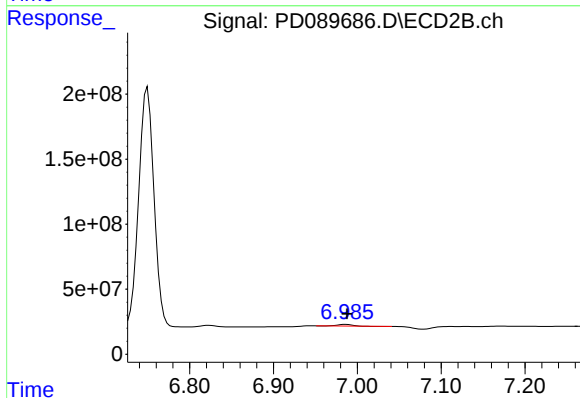
R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 2323412506
Conc: 237.19 ng/ml



#21 Endrin ketone

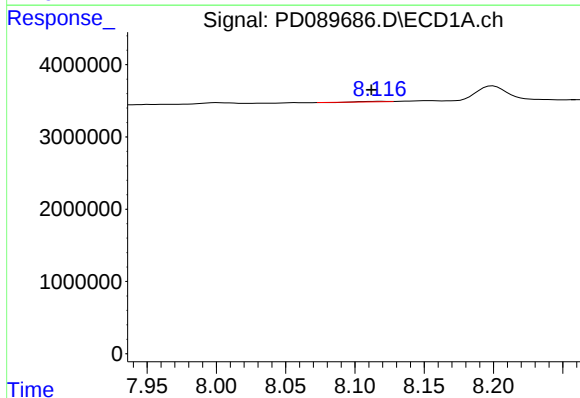
R.T.: 7.628 min
Delta R.T.: 0.000 min
Response: 1466086
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



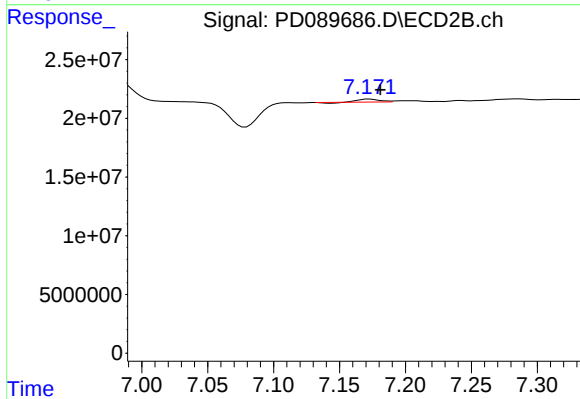
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: -0.002 min
Response: 14317832
Conc: 0.71 ng/ml



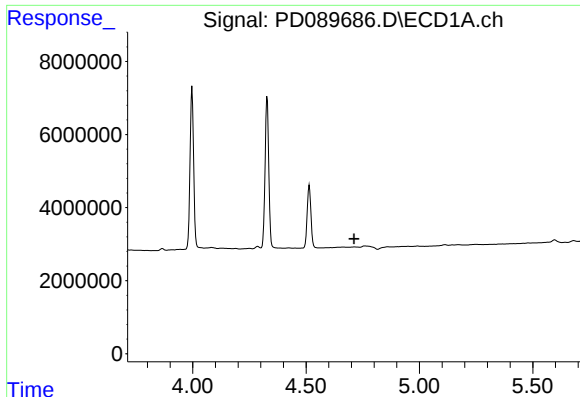
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.008 min
Response: 78826
Conc: 0.03 ng/ml



#22 Mirex

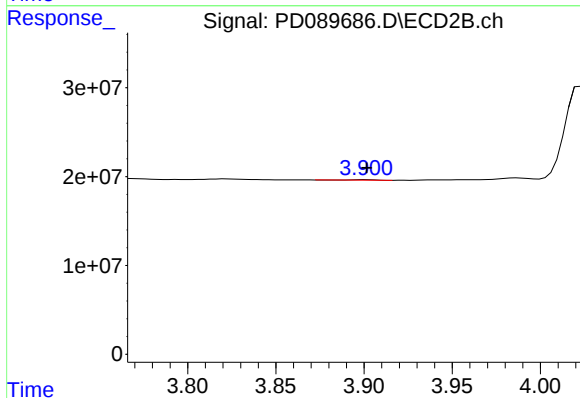
R.T.: 7.172 min
Delta R.T.: -0.009 min
Response: 2532809
Conc: 0.17 ng/ml



#23 Chlordane-1

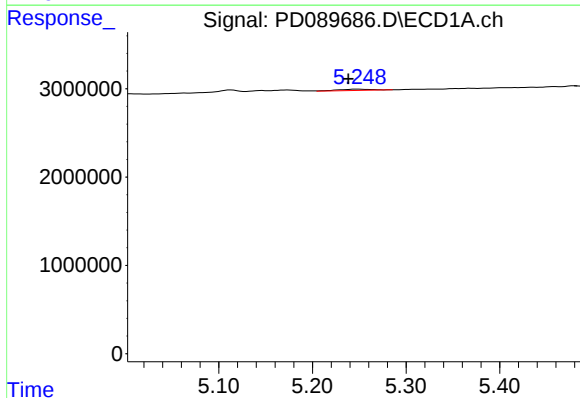
R.T.: 0.000 min
Exp R.T.: 4.712 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



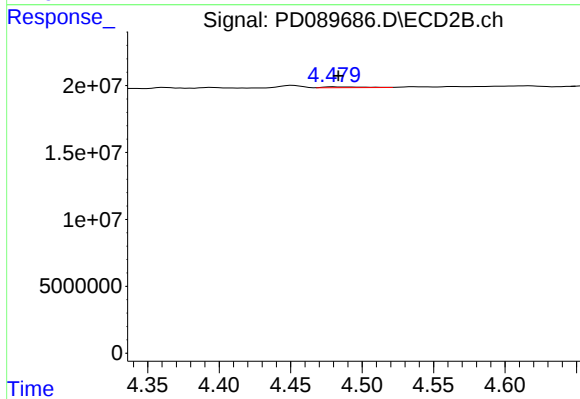
#23 Chlordane-1

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 579301
Conc: 0.79 ng/ml



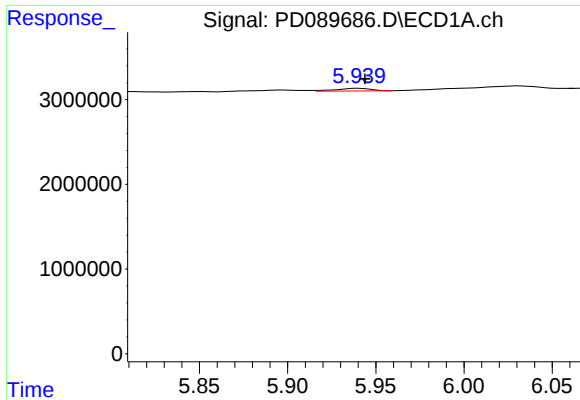
#24 Chlordane-2

R.T.: 5.249 min
Delta R.T.: 0.010 min
Response: 361137
Conc: 2.13 ng/ml



#24 Chlordane-2

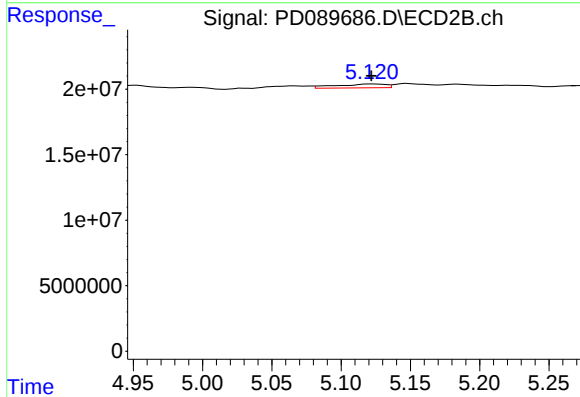
R.T.: 4.480 min
Delta R.T.: -0.004 min
Response: 1166415
Conc: 1.53 ng/ml



#25 Chlordane-3

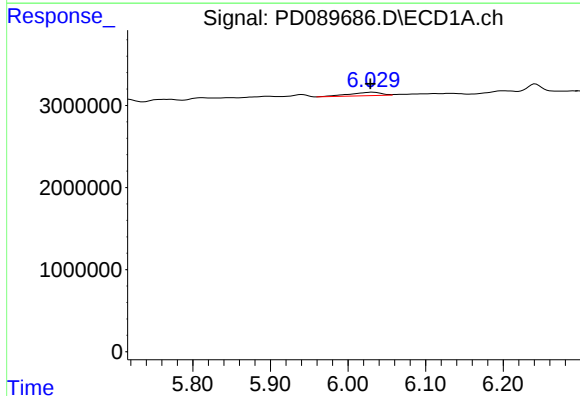
R.T.: 5.940 min
Delta R.T.: -0.003 min
Response: 424117
Conc: 0.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



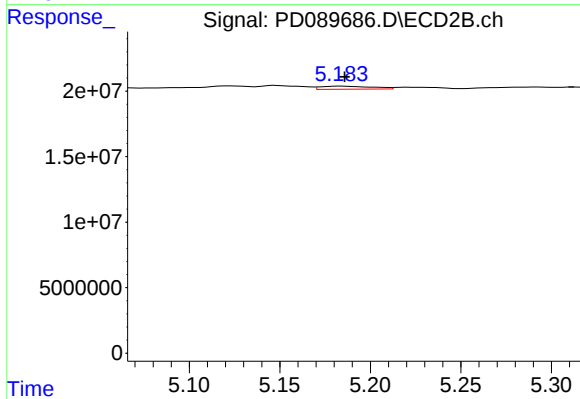
#25 Chlordane-3

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 7320474
Conc: 3.16 ng/ml



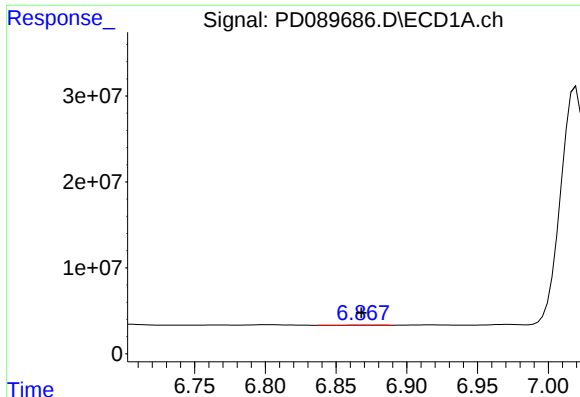
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 1172686
Conc: 1.40 ng/ml



#26 Chlordane-4

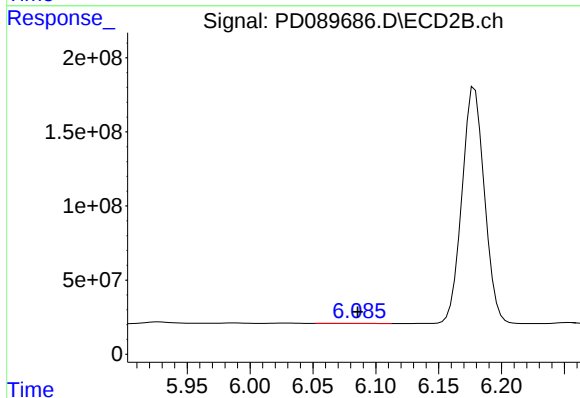
R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 4533599
Conc: 2.28 ng/ml



#27 Chlordane-5

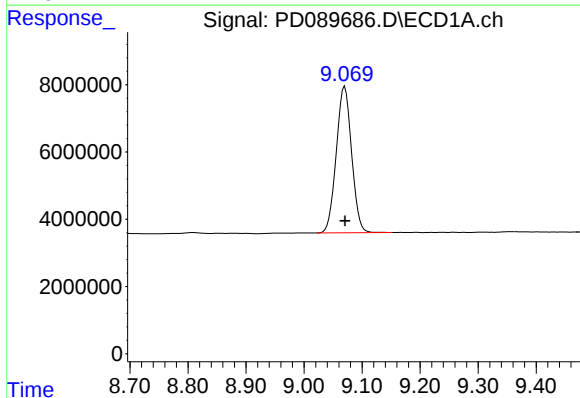
R.T.: 6.871 min
Delta R.T.: 0.004 min
Response: 148005
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



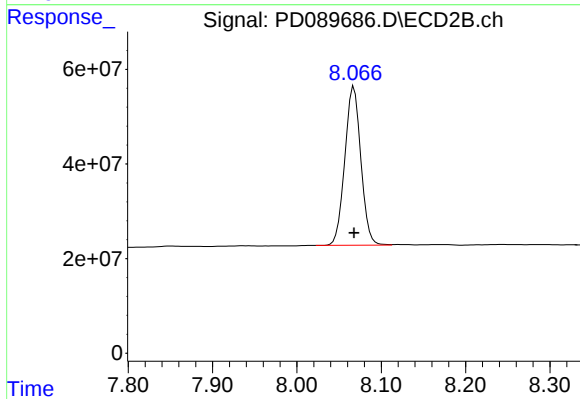
#27 Chlordane-5

R.T.: 6.086 min
Delta R.T.: 0.000 min
Response: 1921169
Conc: 2.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 80035568
Conc: 21.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 443406662
Conc: 22.08 ng/ml