

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112625\
 Data File : PD091389.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2025 18:27
 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: Dec 02 03:39:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.542	2.873	69681354	788.8E6	20.206	21.535
2)	SA Decachlor...	9.062	8.058	90931557	709.0E6	18.253	17.915
Target Compounds							
2)	A alpha-BHC	3.991	3.384	68454910	662.2E6	8.562	10.477
3)	MA gamma-BHC...	4.322	3.720	65984357	614.6E6	8.830	10.629
4)	MA Heptachlor	4.900f	4.079	408007	2180465	0.057	0.039 #
5)	MB Aldrin	5.252	4.358	160266	19958307	0.022	0.354 #
6)	B beta-BHC	4.510	4.017	27716982	247.0E6	9.539	10.282
7)	B delta-BHC	4.769	4.269f	3104073	1991515	0.418	0.034 #
8)	B Heptachlo...	5.674	4.863	14356846	41124663	2.210	0.807 #
9)	A Endosulfan I	6.099f	5.214f	690688	47078177	0.112	0.984 #
10)	B gamma-Chl...	5.935	5.114	242147	243.4E6	0.037	4.457 #
11)	B alpha-Chl...	5.994f	5.182	3102947	113.7E6	0.451	2.173 #
12)	B 4,4'-DDE	6.183	5.363	493903	67091290	0.085	1.255 #
13)	MA Dieldrin	6.360f	5.513	624960	4960192	0.097	0.091
14)	MA Endrin	6.565	5.777	240.0E6	2519.6E6	48.350	55.753
15)	B Endosulfa...	6.801f	6.075	11883450	6218267	2.138	0.133 #
16)	A 4,4'-DDD	6.697	5.917	40101512	259.9E6	8.165	5.318 #
17)	MA 4,4'-DDT	7.013	6.170	379.7E6	3994.6E6	91.806	102.078
18)	B Endrin al...	6.910	6.245	14167657	28293117	3.401	0.802 #
19)	B Endosulfa...	7.110f	6.448f	93959	6755605	0.018	0.151 #
20)	A Methoxychlor	7.487	6.741	453.6E6	4090.8E6	208.632	204.013
21)	B Endrin ke...	7.624	6.979	11769683	85962867	2.089	1.687
22)	Mirex	0.000	7.165	0	7223592	N.D.	0.218 #
23)	Chlordane-1	0.000	3.892	0	627507	N.D.	0.365 #
24)	Chlordane-2	5.252	4.485	160266	190.3E6	0.649	108.664 #
25)	Chlordane-3	5.935	5.114	242147	243.4E6	0.251	42.312 #
26)	Chlordane-4	5.994f	5.182	3102947	113.7E6	2.583	23.768 #
27)	Chlordane-5	0.000	6.075	0	6218267	N.D.	3.064 #

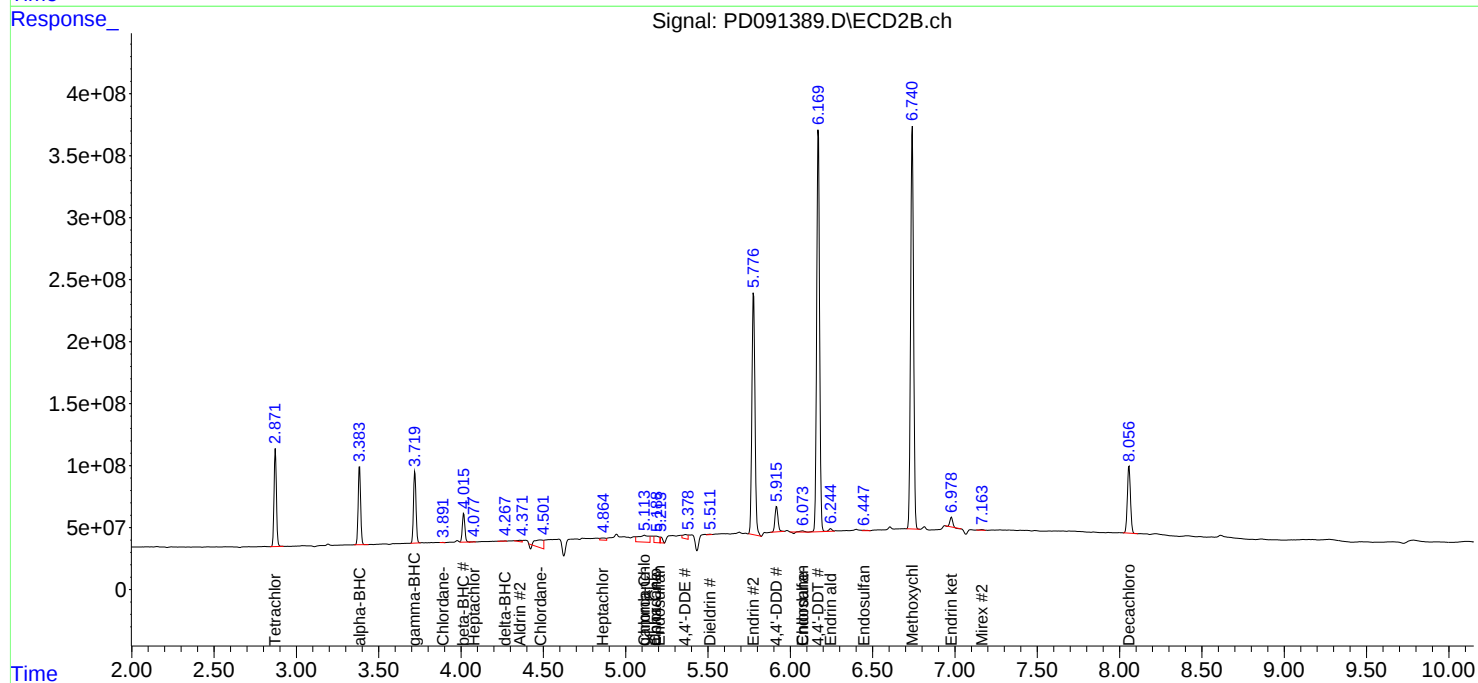
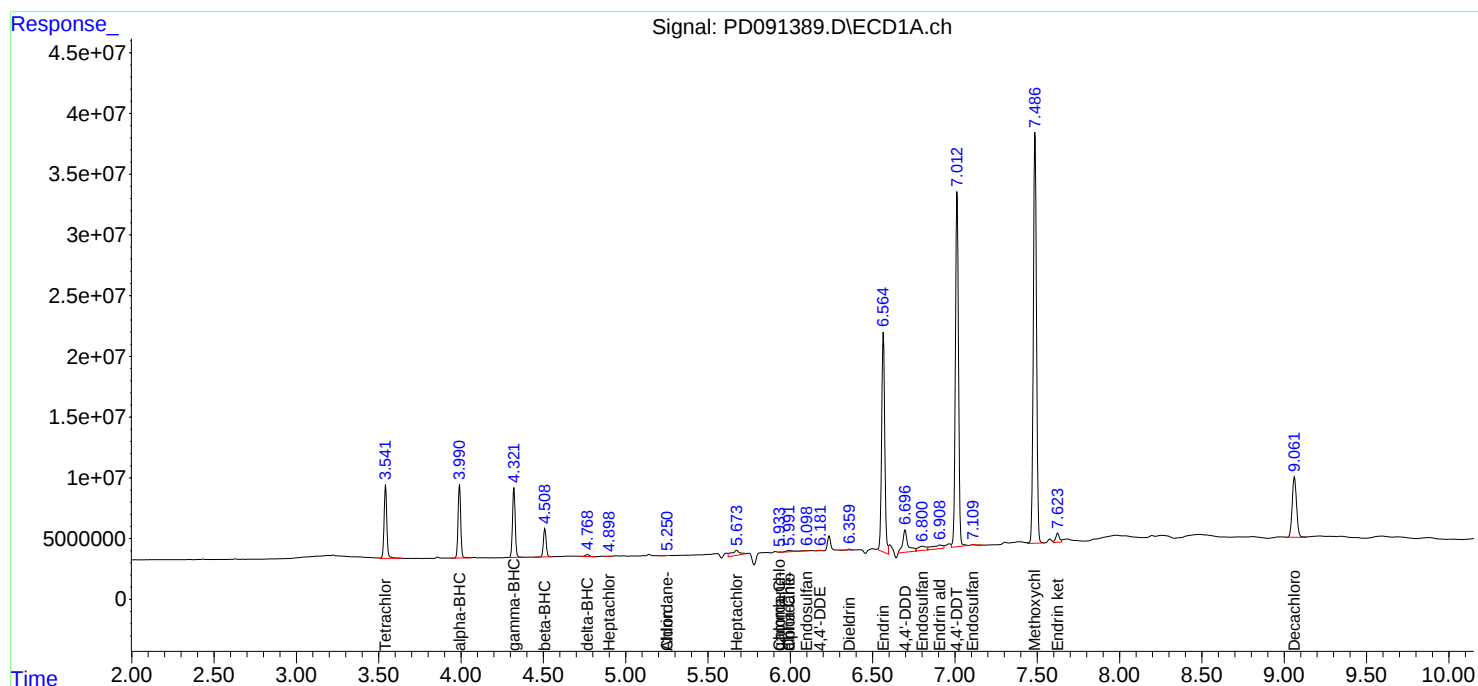
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

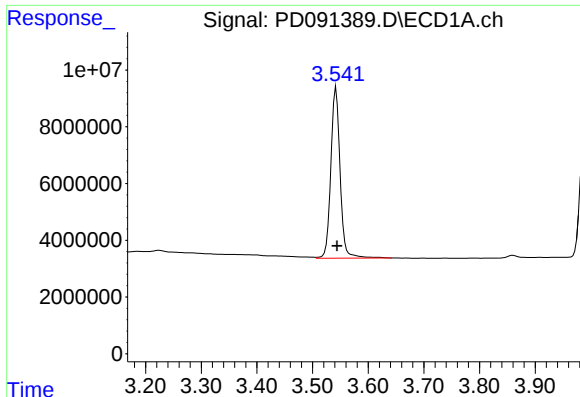
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112625\
Data File : PD091389.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2025 18:27
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 03:39:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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

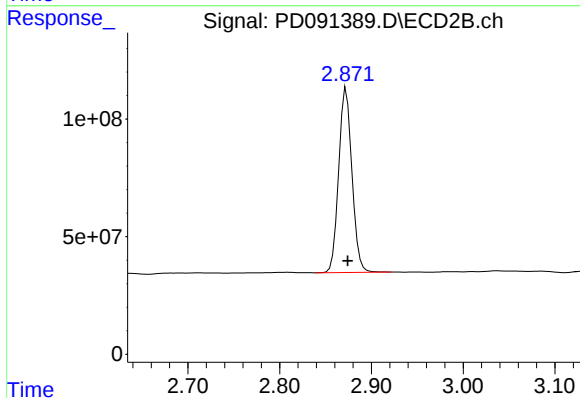




#1 Tetrachloro-m-xylene

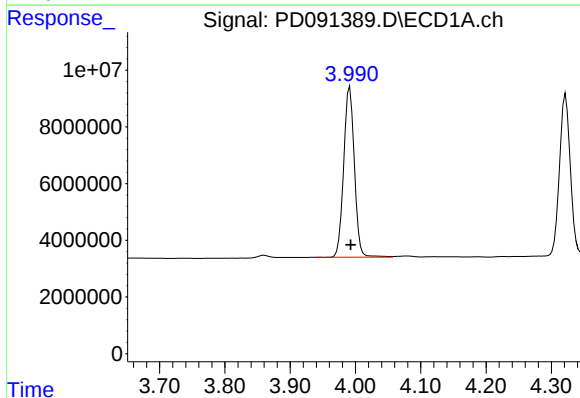
R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 69681354
Conc: 20.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



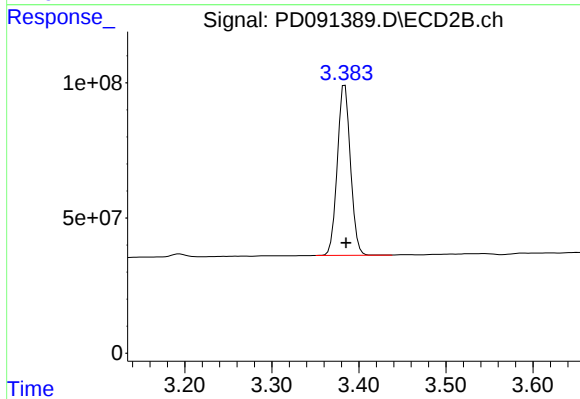
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 788836848
Conc: 21.54 ng/ml



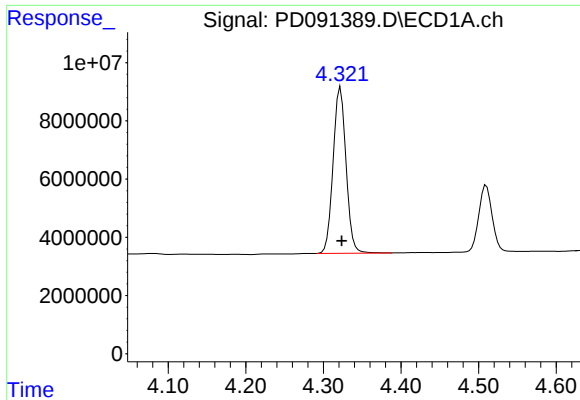
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 68454910
Conc: 8.56 ng/ml



#2 alpha-BHC

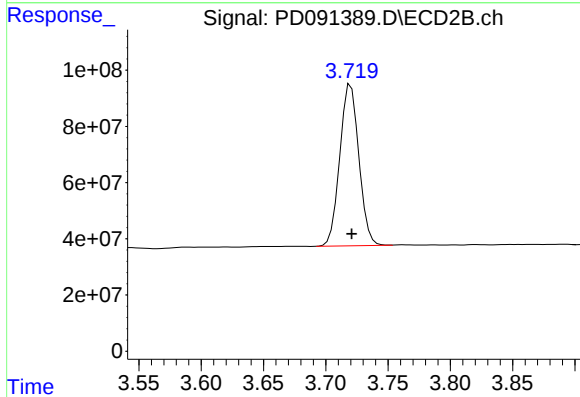
R.T.: 3.384 min
Delta R.T.: -0.001 min
Response: 662150475
Conc: 10.48 ng/ml



#3 gamma-BHC (Lindane)

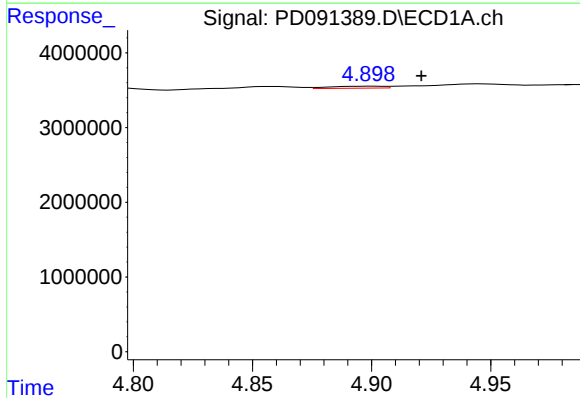
R.T.: 4.322 min
Delta R.T.: -0.002 min
Response: 65984357
Conc: 8.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



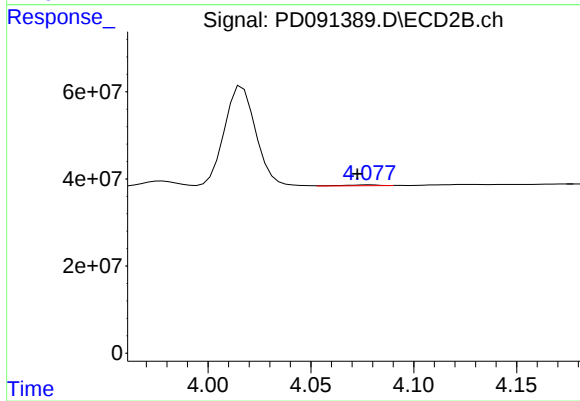
#3 gamma-BHC (Lindane)

R.T.: 3.720 min
Delta R.T.: 0.000 min
Response: 614568742
Conc: 10.63 ng/ml



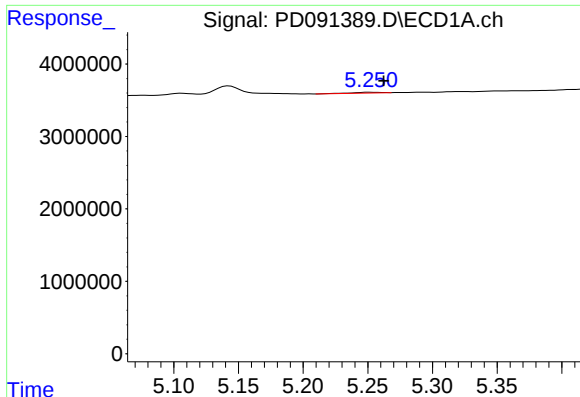
#4 Heptachlor

R.T.: 4.900 min
Delta R.T.: -0.021 min
Response: 408007
Conc: 0.06 ng/ml



#4 Heptachlor

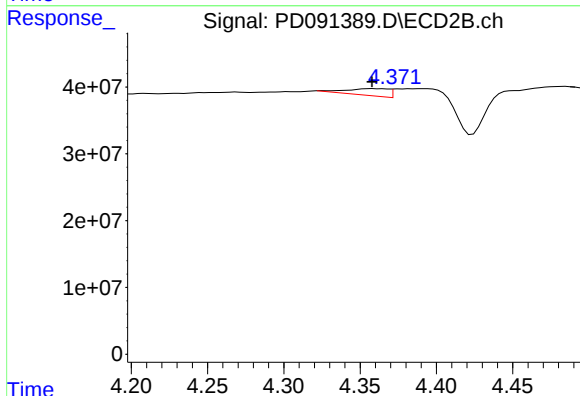
R.T.: 4.079 min
Delta R.T.: 0.006 min
Response: 2180465
Conc: 0.04 ng/ml



#5 Aldrin

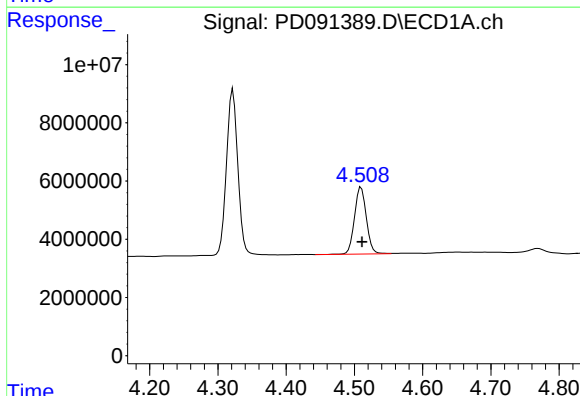
R.T.: 5.252 min
Delta R.T.: -0.011 min
Response: 160266
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



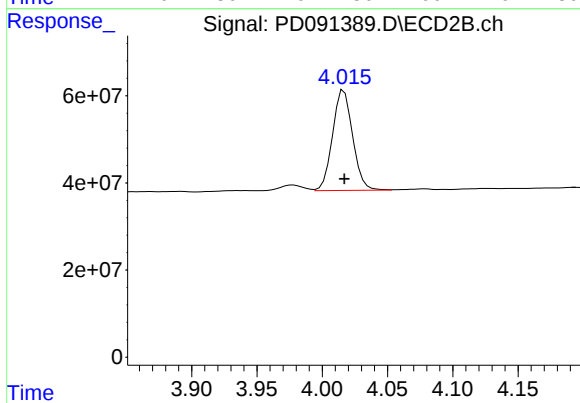
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 19958307
Conc: 0.35 ng/ml



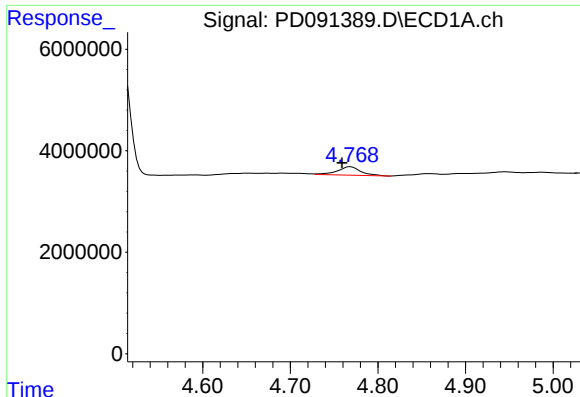
#6 beta-BHC

R.T.: 4.510 min
Delta R.T.: -0.001 min
Response: 27716982
Conc: 9.54 ng/ml



#6 beta-BHC

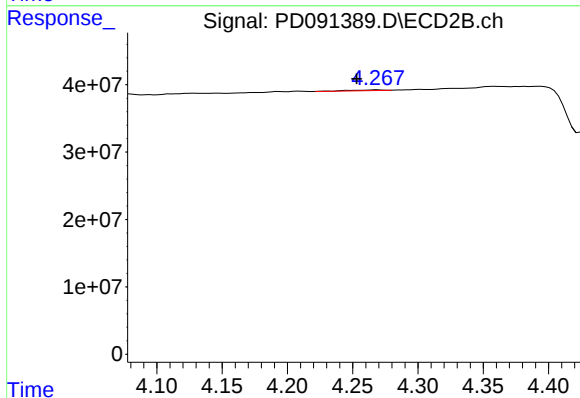
R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 247039504
Conc: 10.28 ng/ml



#7 delta-BHC

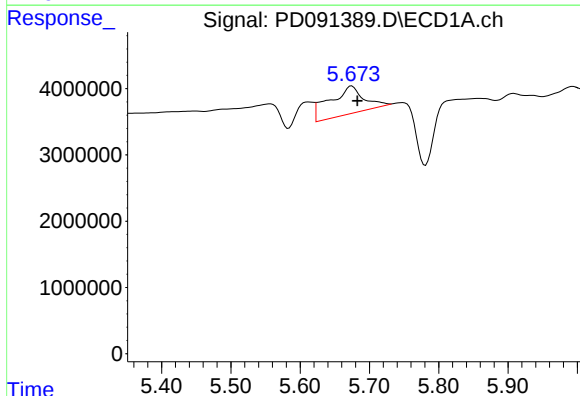
R.T.: 4.769 min
Delta R.T.: 0.010 min
Response: 3104073
Conc: 0.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



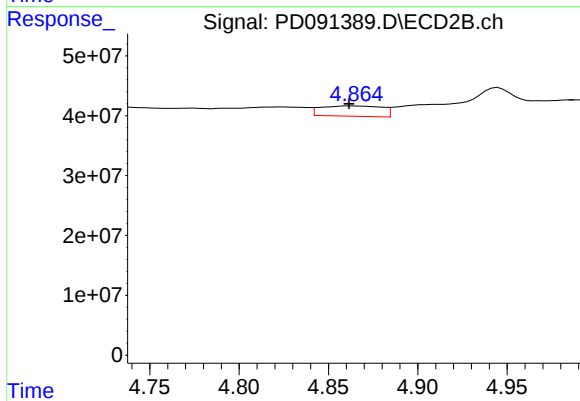
#7 delta-BHC

R.T.: 4.269 min
Delta R.T.: 0.016 min
Response: 1991515
Conc: 0.03 ng/ml



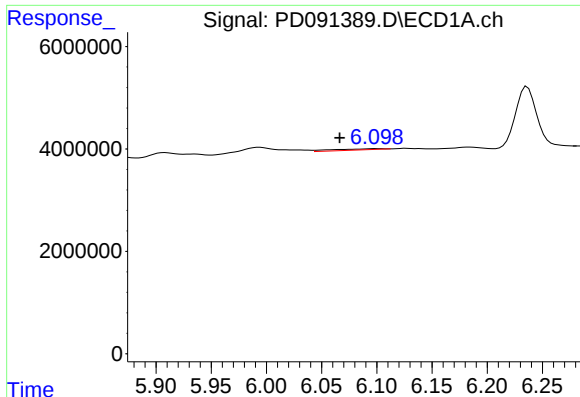
#8 Heptachlor epoxide

R.T.: 5.674 min
Delta R.T.: -0.008 min
Response: 14356846
Conc: 2.21 ng/ml



#8 Heptachlor epoxide

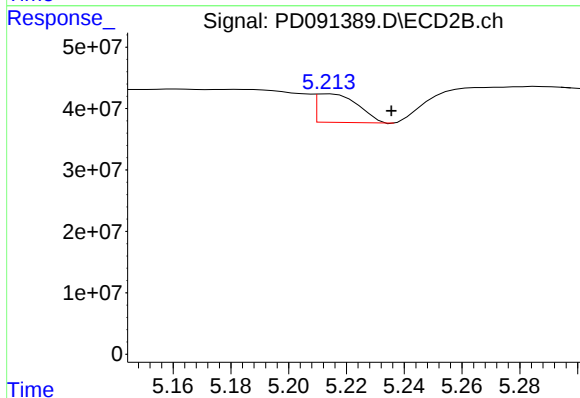
R.T.: 4.863 min
Delta R.T.: 0.001 min
Response: 41124663
Conc: 0.81 ng/ml



#9 Endosulfan I

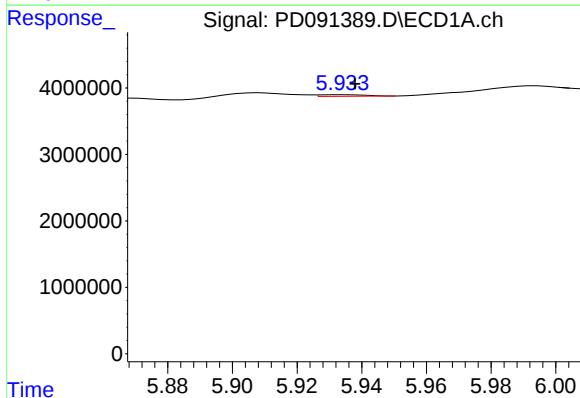
R.T.: 6.099 min
Delta R.T.: 0.033 min
Response: 690688
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



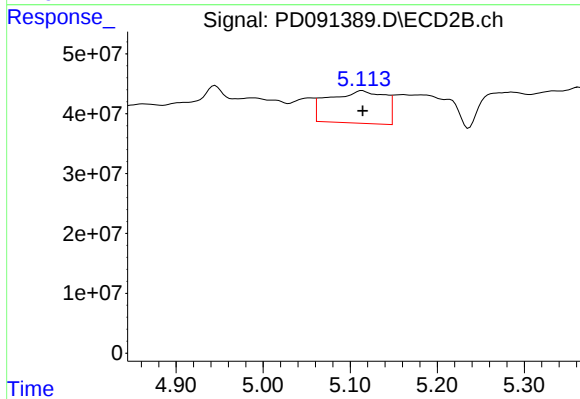
#9 Endosulfan I

R.T.: 5.214 min
Delta R.T.: -0.022 min
Response: 47078177
Conc: 0.98 ng/ml



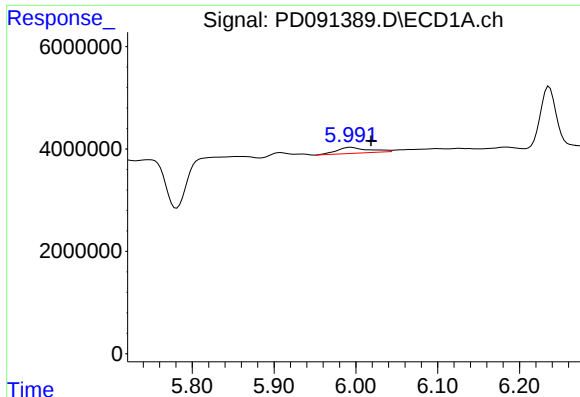
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.003 min
Response: 242147
Conc: 0.04 ng/ml



#10 gamma-Chlordane

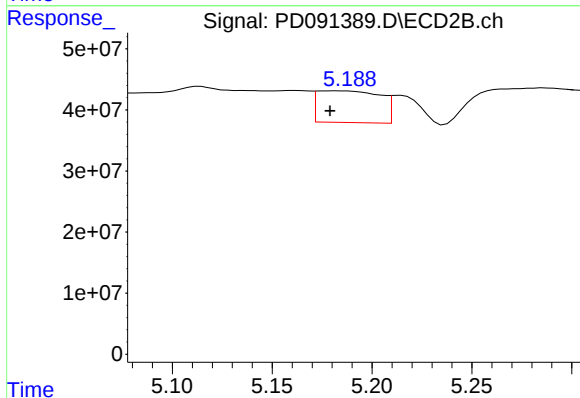
R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 243447230
Conc: 4.46 ng/ml



#11 alpha-Chlordane

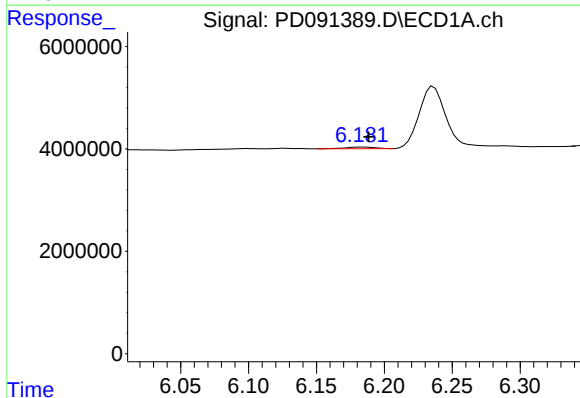
R.T.: 5.994 min
Delta R.T.: -0.025 min
Response: 3102947
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



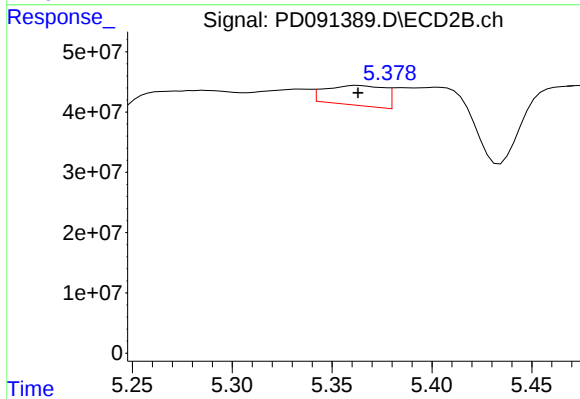
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: 0.003 min
Response: 113697819
Conc: 2.17 ng/ml



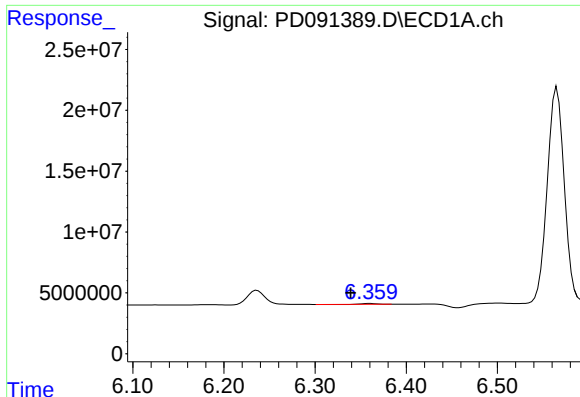
#12 4,4'-DDE

R.T.: 6.183 min
Delta R.T.: -0.005 min
Response: 493903
Conc: 0.09 ng/ml



#12 4,4'-DDE

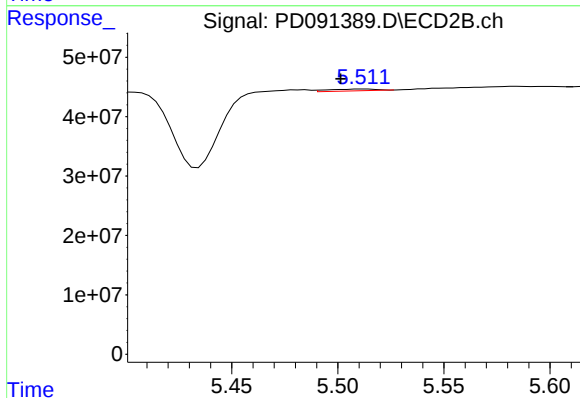
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 67091290
Conc: 1.26 ng/ml



#13 Dieldrin

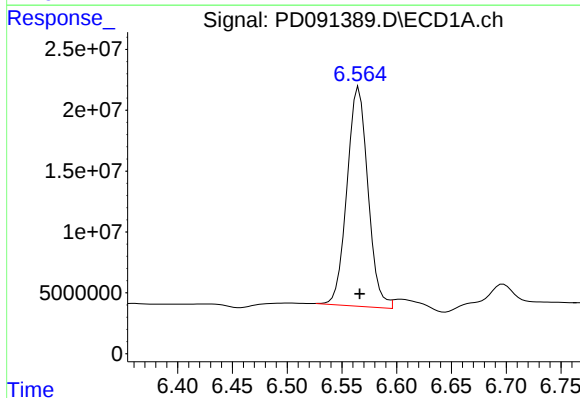
R.T.: 6.360 min
Delta R.T.: 0.021 min
Response: 624960
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



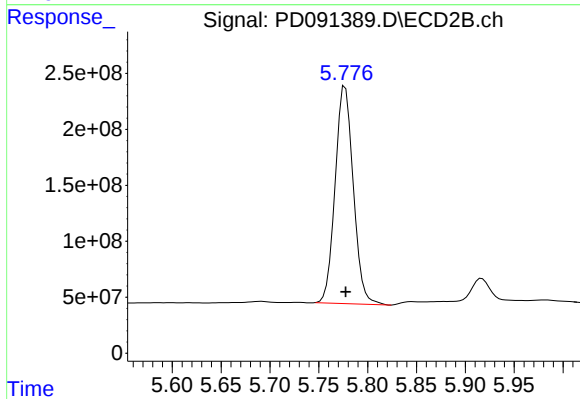
#13 Dieldrin

R.T.: 5.513 min
Delta R.T.: 0.011 min
Response: 4960192
Conc: 0.09 ng/ml



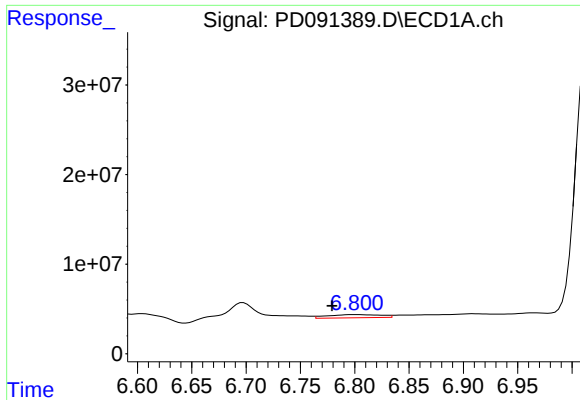
#14 Endrin

R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 239984357
Conc: 48.35 ng/ml



#14 Endrin

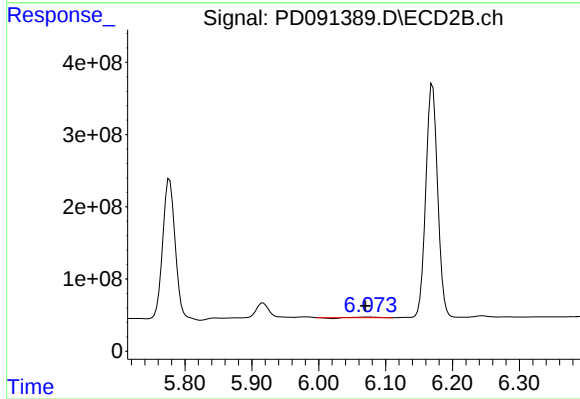
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 2519644000
Conc: 55.75 ng/ml



#15 Endosulfan II

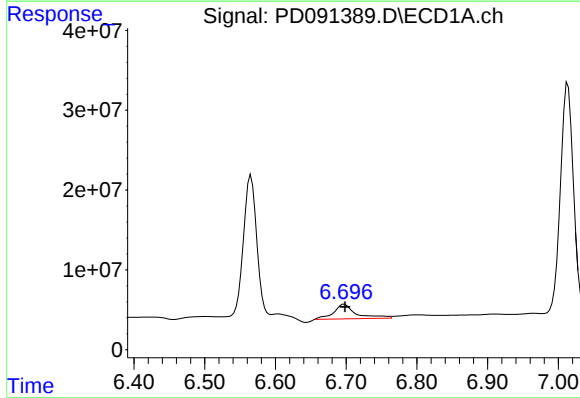
R.T.: 6.801 min
Delta R.T.: 0.022 min
Response: 11883450
Conc: 2.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



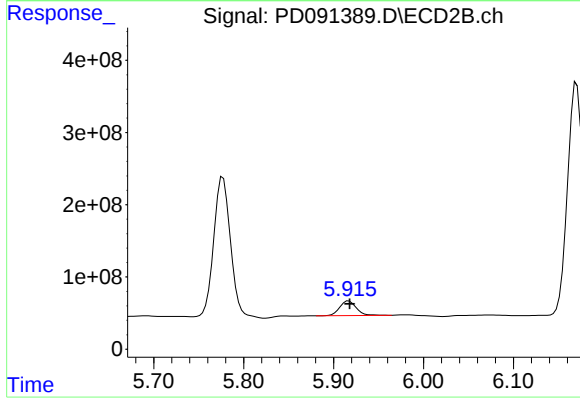
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.005 min
Response: 6218267
Conc: 0.13 ng/ml



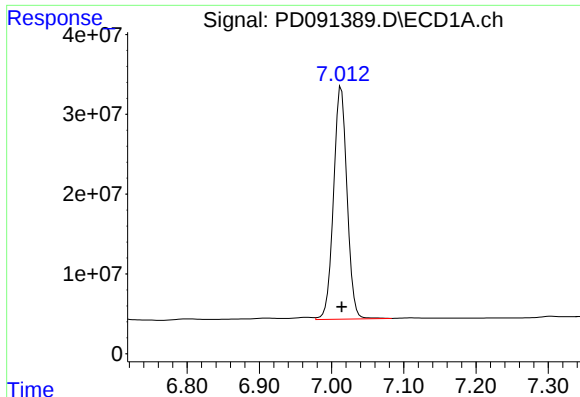
#16 4,4'-DDD

R.T.: 6.697 min
Delta R.T.: -0.001 min
Response: 40101512
Conc: 8.16 ng/ml



#16 4,4'-DDD

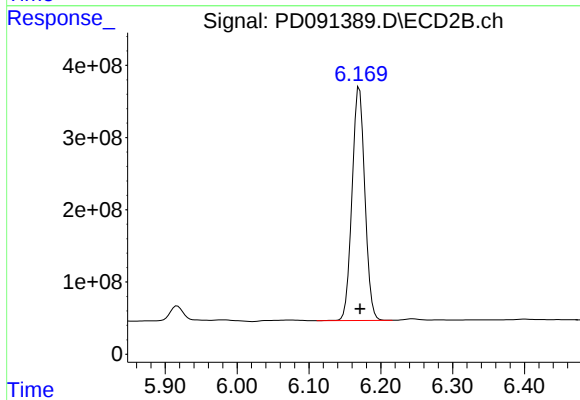
R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 259865031
Conc: 5.32 ng/ml



#17 4,4'-DDT

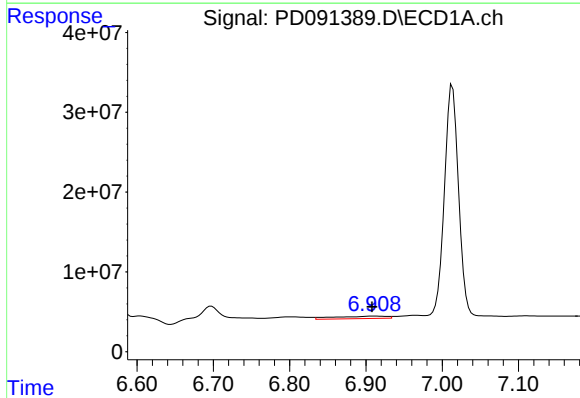
R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 379664044
Conc: 91.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



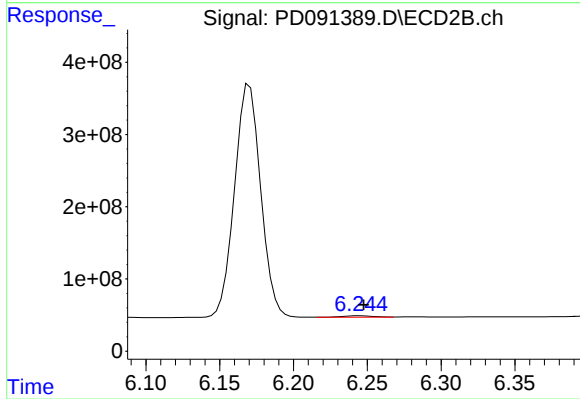
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 3994571069
Conc: 102.08 ng/ml



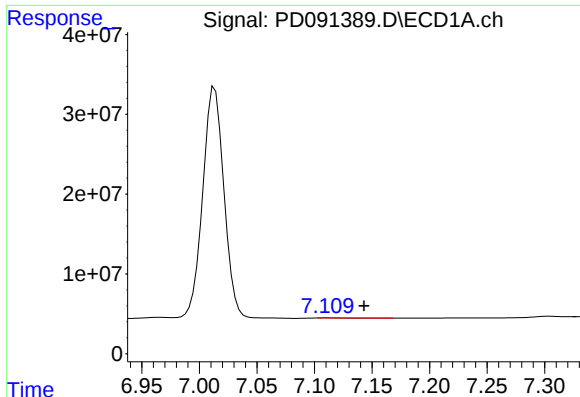
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.002 min
Response: 14167657
Conc: 3.40 ng/ml



#18 Endrin aldehyde

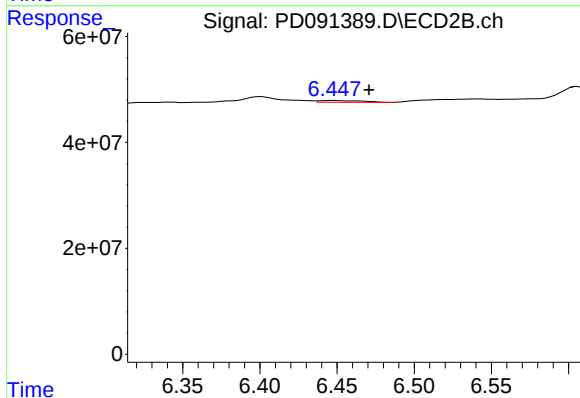
R.T.: 6.245 min
Delta R.T.: -0.002 min
Response: 28293117
Conc: 0.80 ng/ml



#19 Endosulfan Sulfate

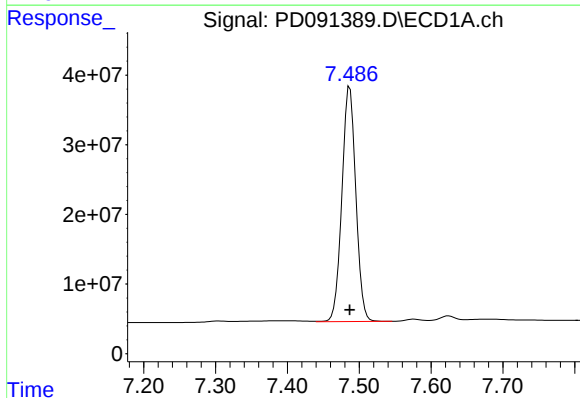
R.T.: 7.110 min
Delta R.T.: -0.033 min
Response: 93959
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



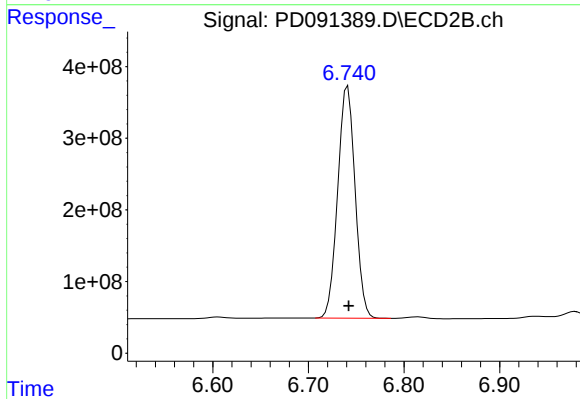
#19 Endosulfan Sulfate

R.T.: 6.448 min
Delta R.T.: -0.023 min
Response: 6755605
Conc: 0.15 ng/ml



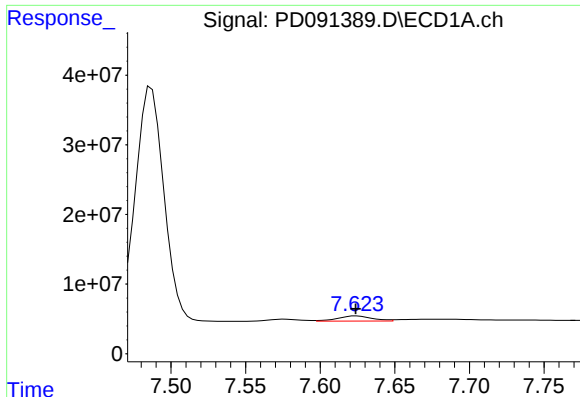
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 453635428
Conc: 208.63 ng/ml



#20 Methoxychlor

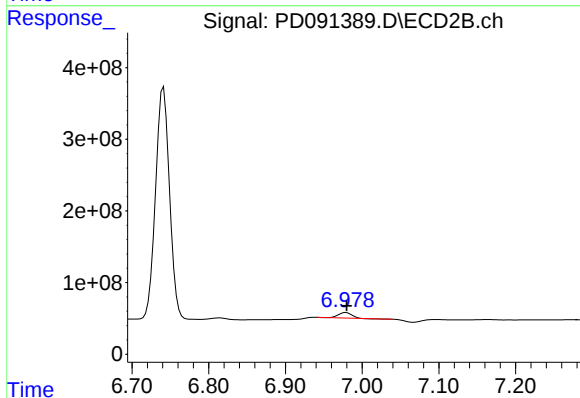
R.T.: 6.741 min
Delta R.T.: -0.001 min
Response: 4090757194
Conc: 204.01 ng/ml



#21 Endrin ketone

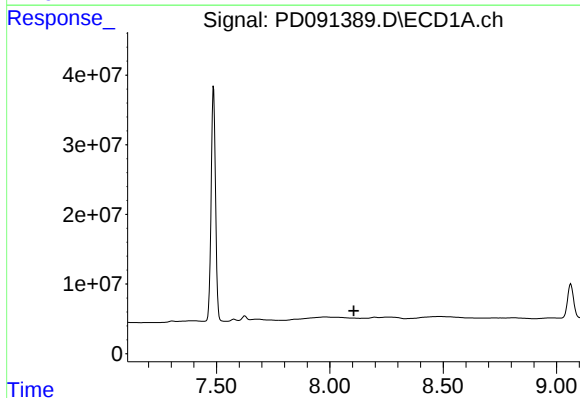
R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 11769683
Conc: 2.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



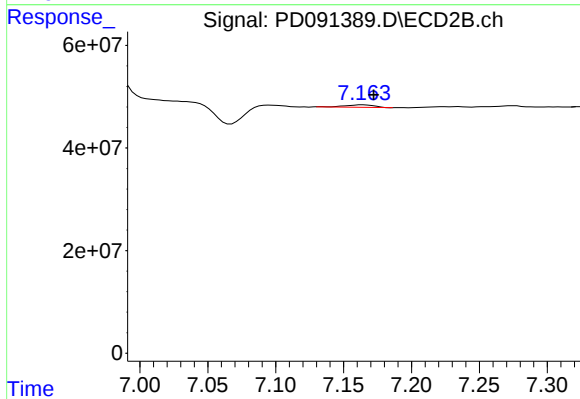
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: -0.001 min
Response: 85962867
Conc: 1.69 ng/ml



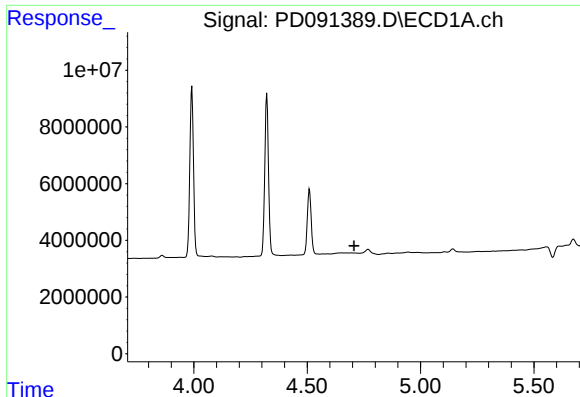
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.106 min
Response: 0
Conc: N.D.



#22 Mirex

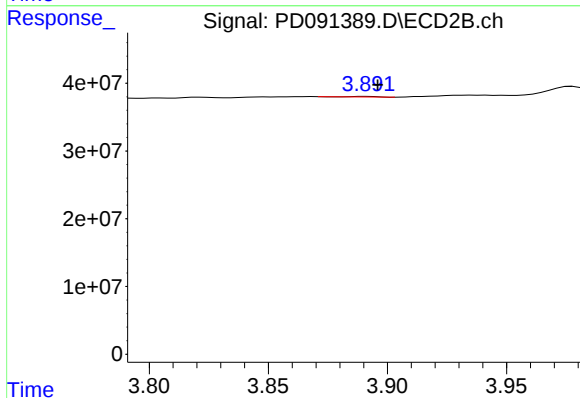
R.T.: 7.165 min
Delta R.T.: -0.008 min
Response: 7223592
Conc: 0.22 ng/ml



#23 Chlordane-1

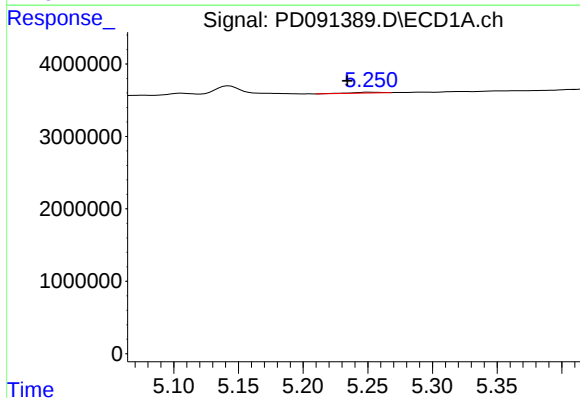
R.T.: 0.000 min
Exp R.T.: 4.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



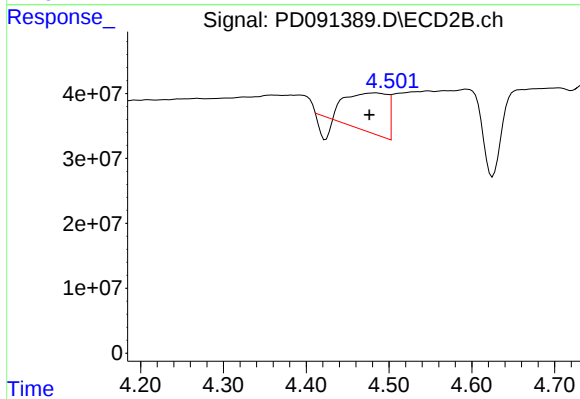
#23 Chlordane-1

R.T.: 3.892 min
Delta R.T.: -0.004 min
Response: 627507
Conc: 0.36 ng/ml



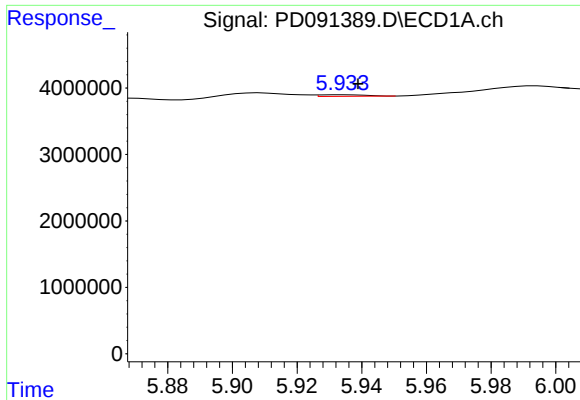
#24 Chlordane-2

R.T.: 5.252 min
Delta R.T.: 0.017 min
Response: 160266
Conc: 0.65 ng/ml



#24 Chlordane-2

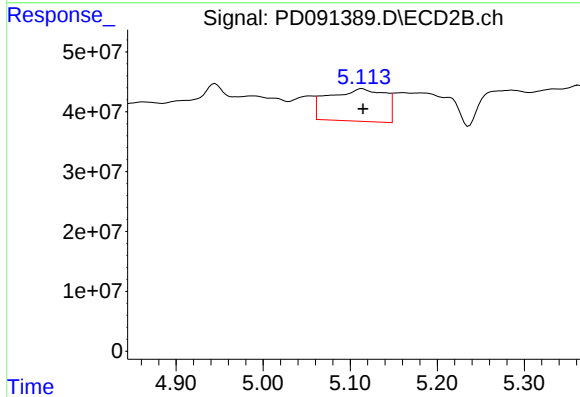
R.T.: 4.485 min
Delta R.T.: 0.008 min
Response: 190273565
Conc: 108.66 ng/ml



#25 Chlordane-3

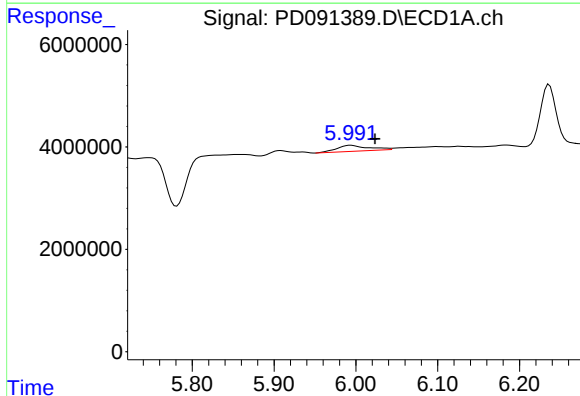
R.T.: 5.935 min
Delta R.T.: -0.004 min
Response: 242147
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



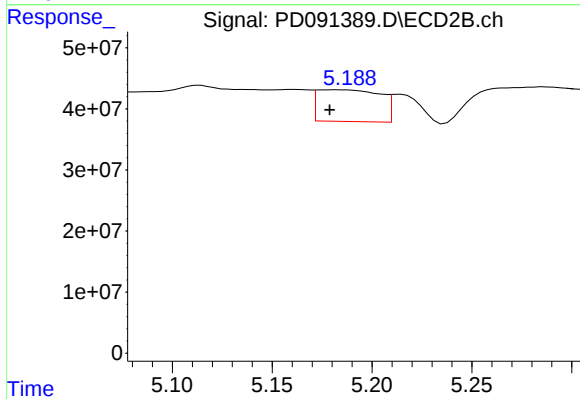
#25 Chlordane-3

R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 243447230
Conc: 42.31 ng/ml



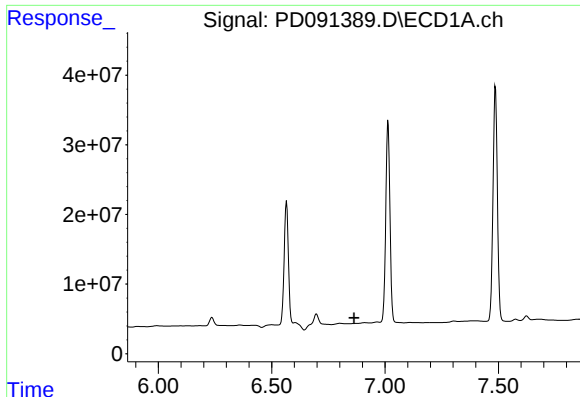
#26 Chlordane-4

R.T.: 5.994 min
Delta R.T.: -0.030 min
Response: 3102947
Conc: 2.58 ng/ml



#26 Chlordane-4

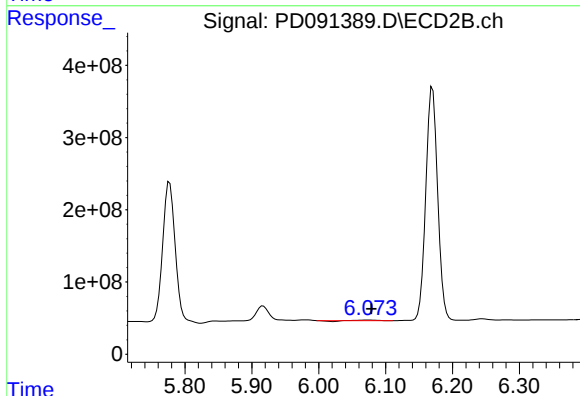
R.T.: 5.182 min
Delta R.T.: 0.003 min
Response: 113697819
Conc: 23.77 ng/ml



#27 Chlordane-5

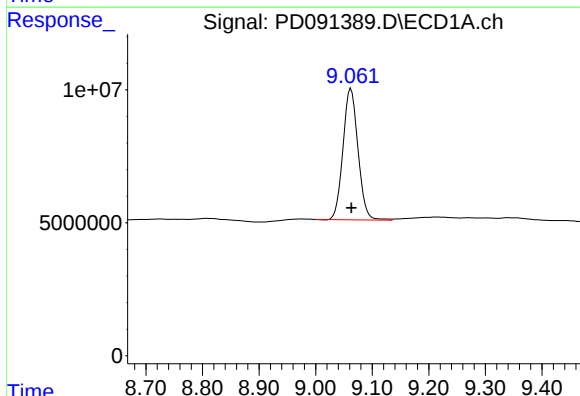
R.T.: 0.000 min
Exp R.T.: 6.863 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



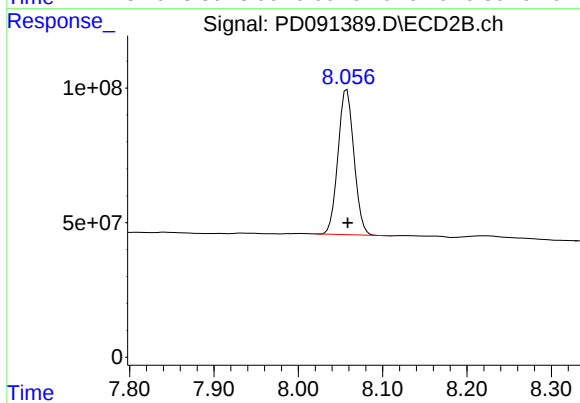
#27 Chlordane-5

R.T.: 6.075 min
Delta R.T.: -0.004 min
Response: 6218267
Conc: 3.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.001 min
Response: 90931557
Conc: 18.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 708966180
Conc: 17.91 ng/ml