

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120524\
 Data File : PD087026.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2024 11:33
 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 06 00:58:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 15:47:26 2024
 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...	3.563	2.885	39716289	249.8E6	19.860	21.820
28)	SA Decachlor...	9.102	8.092	61413357	293.8E6	19.306	21.085
Target Compounds							
2)	A alpha-BHC	4.014	3.399	37551376	201.7E6	9.332	11.446
3)	MA gamma-BHC...	4.345	3.736	37093865	186.9E6	9.300	11.127
4)	MA Heptachlor	0.000	4.104	0	287305	N.D.	0.018 #
5)	MB Aldrin	0.000	4.371	0	6238505	N.D.	0.373 #
6)	B beta-BHC	4.529	4.032	16915845	85435594	10.725	11.929
7)	B delta-BHC	0.000	4.268	0	6260491	N.D.	0.368 #
8)	B Heptachlo...	5.699	4.869	1511091	337274	0.418	0.022 #
9)	A Endosulfan I	6.056f	5.248	1337348	3199187	0.399	0.225 #
10)	B gamma-Chl...	5.952	5.136	1270765	1634844	0.360	0.105 #
11)	B alpha-Chl...	6.056f	5.214	1337348	3274335	0.374	0.214 #
12)	B 4,4'-DDE	6.218	5.389	285474	17576357	0.088	1.166 #
13)	MA Dieldrin	6.383f	5.523	172783	121939	0.048	0.008 #
14)	MA Endrin	6.593	5.801	132.5E6	642.6E6	43.786	45.934
15)	B Endosulfa...	6.786	6.102	313535	2873059	0.105	0.209 #
16)	A 4,4'-DDD	6.723	5.943	7371439	28053594	2.836	2.232
17)	MA 4,4'-DDT	7.040	6.197	271.6E6	1244.0E6	96.155	93.298
18)	B Endrin al...	6.933	6.272	3823476	23103014	1.564	2.082 #
19)	B Endosulfa...	7.139f	6.482	133308	1276416	0.046	0.094 #
20)	A Methoxychlor	7.513	6.770	348.5E6	1372.9E6	217.924	191.393
21)	B Endrin ke...	7.650	7.005	7679396	52351787	2.366	3.474 #
22)	Mirex	8.136	7.189	69068	786452	0.028	0.064 #
23)	Chlordane-1	0.000	3.944f	0	1995483	N.D.	3.834 #
24)	Chlordane-2	0.000	4.495	0	3052773	N.D.	5.478 #
25)	Chlordane-3	5.952	5.136	1270765	1634844	2.329	0.988 #
26)	Chlordane-4	6.056	5.214	1337348	3274335	2.027	2.335
27)	Chlordane-5	0.000	6.102	0	2873059	N.D.	4.484 #

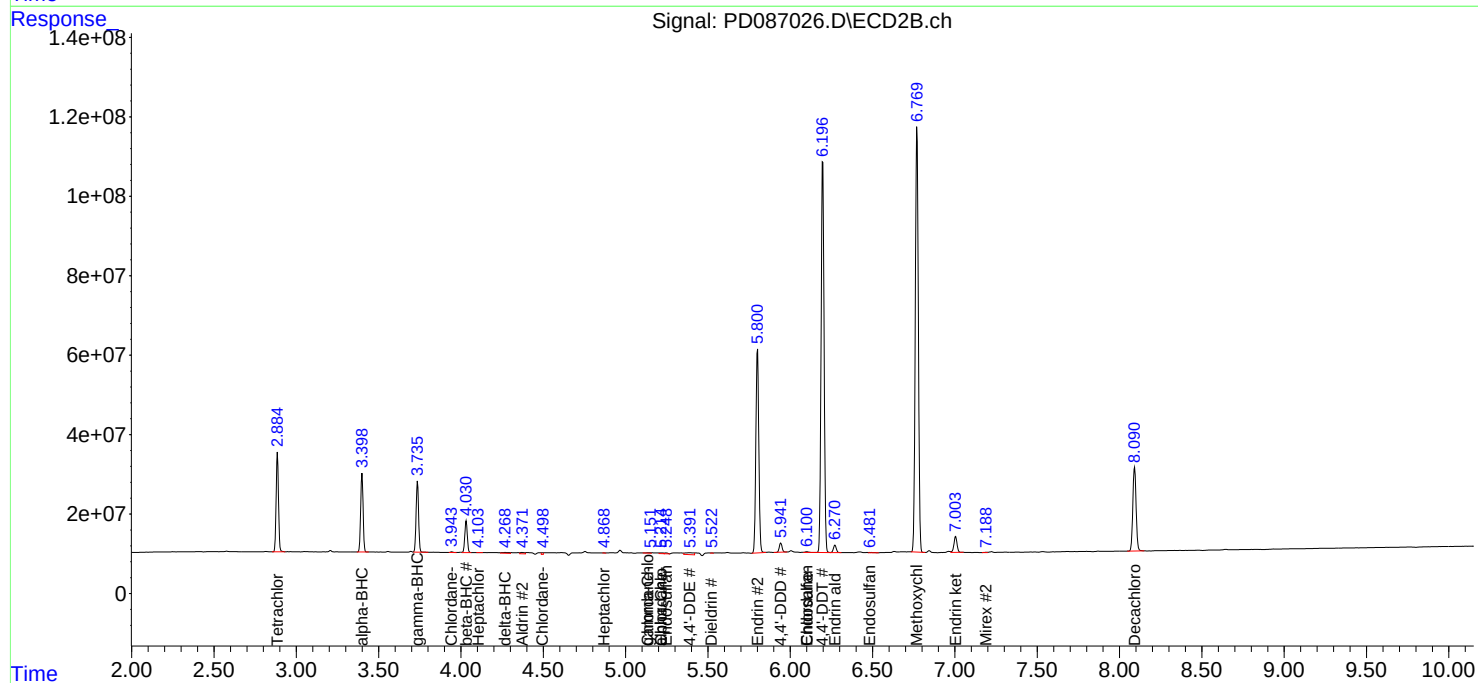
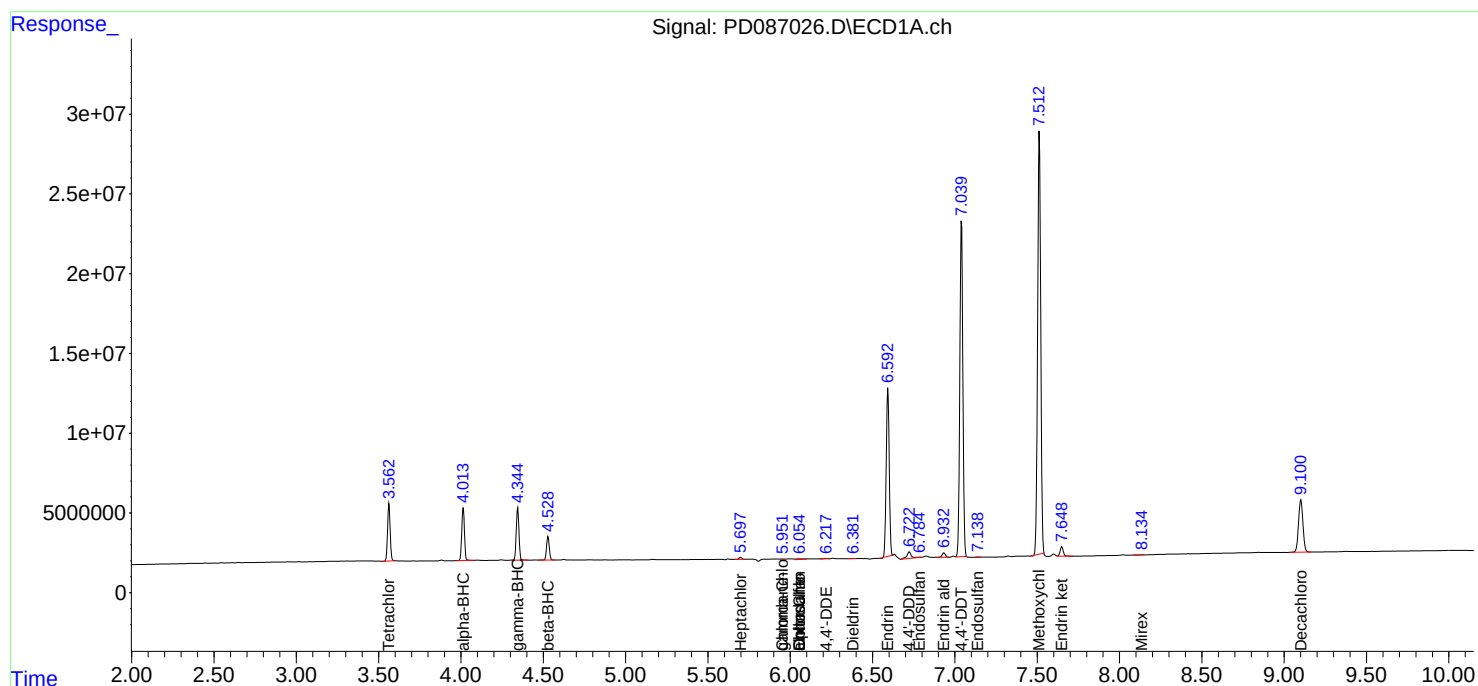
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

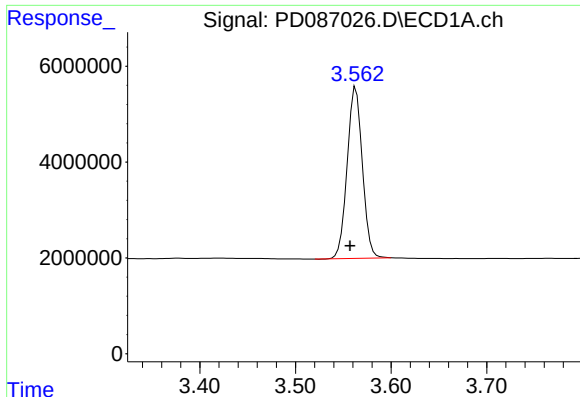
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120524\
Data File : PD087026.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Dec 2024 11:33
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 00:58:00 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 15:47:26 2024
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

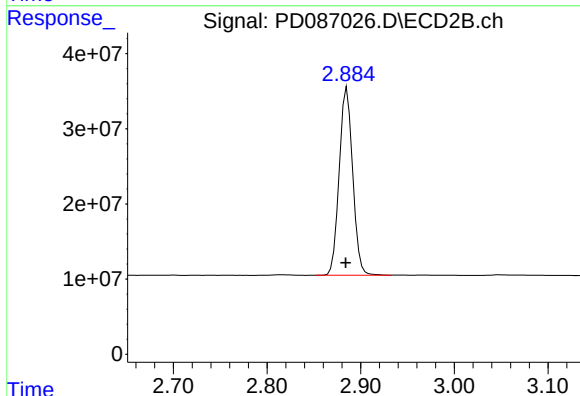




#1 Tetrachloro-m-xylene

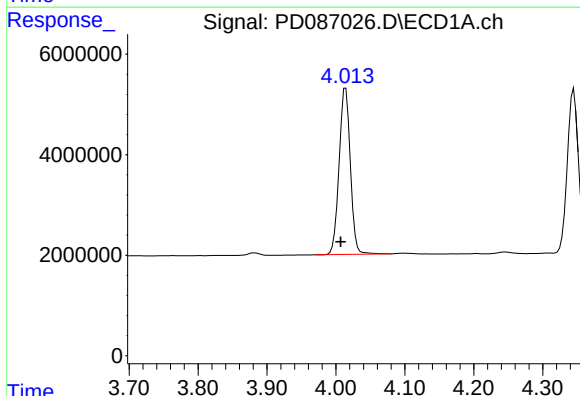
R.T.: 3.563 min
Delta R.T.: 0.006 min
Response: 39716289
Conc: 19.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



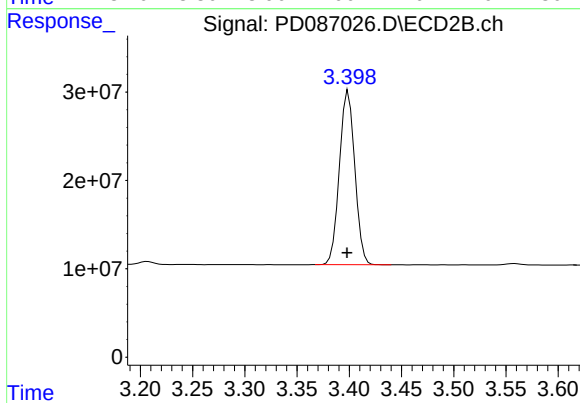
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.002 min
Response: 249761644
Conc: 21.82 ng/ml



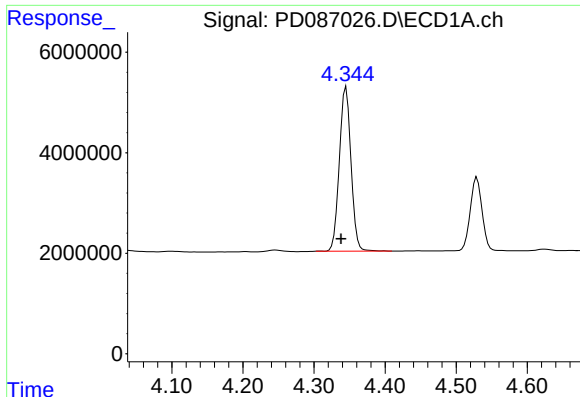
#2 alpha-BHC

R.T.: 4.014 min
Delta R.T.: 0.007 min
Response: 37551376
Conc: 9.33 ng/ml



#2 alpha-BHC

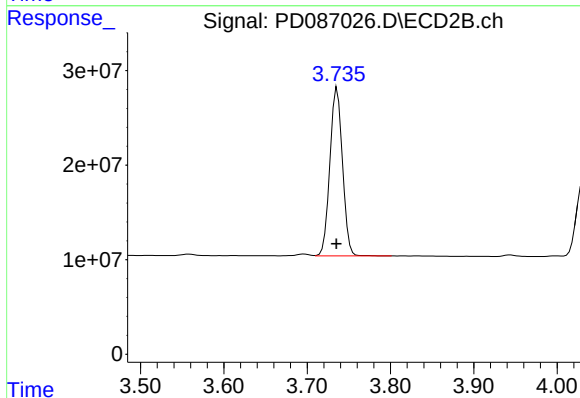
R.T.: 3.399 min
Delta R.T.: 0.001 min
Response: 201683304
Conc: 11.45 ng/ml



#3 gamma-BHC (Lindane)

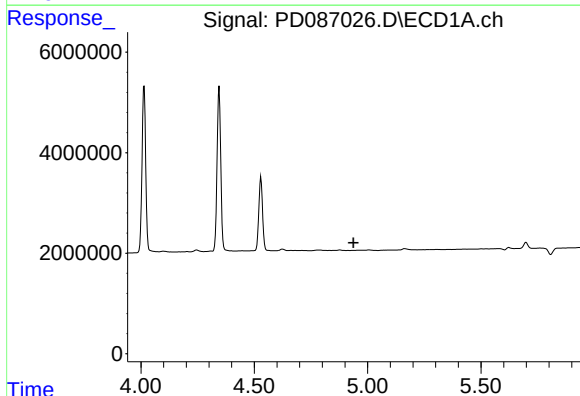
R.T.: 4.345 min
Delta R.T.: 0.007 min
Response: 37093865
Conc: 9.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



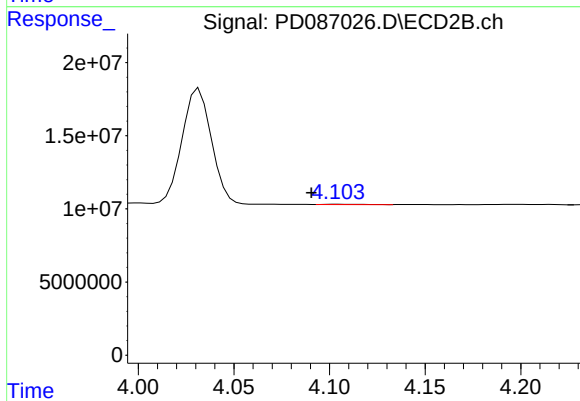
#3 gamma-BHC (Lindane)

R.T.: 3.736 min
Delta R.T.: 0.001 min
Response: 186872477
Conc: 11.13 ng/ml



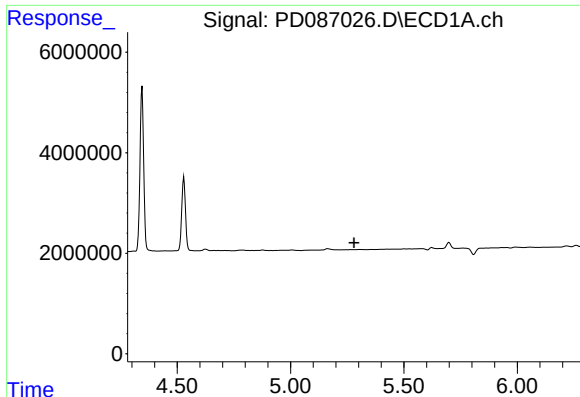
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.938 min
Response: 0
Conc: N.D.



#4 Heptachlor

R.T.: 4.104 min
Delta R.T.: 0.013 min
Response: 287305
Conc: 0.02 ng/ml



#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 5.280 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM

#5 Aldrin

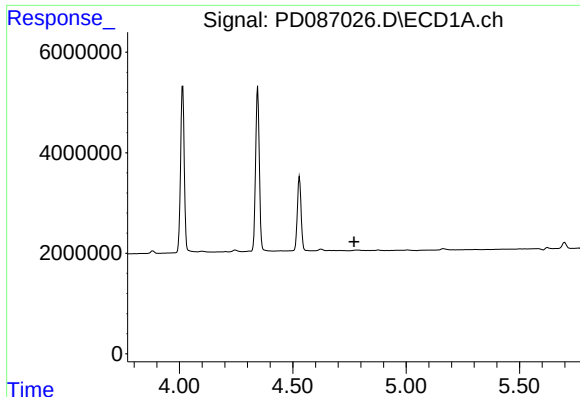
R.T.: 4.371 min
Delta R.T.: -0.006 min
Response: 6238505
Conc: 0.37 ng/ml

#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.008 min
Response: 16915845
Conc: 10.73 ng/ml

#6 beta-BHC

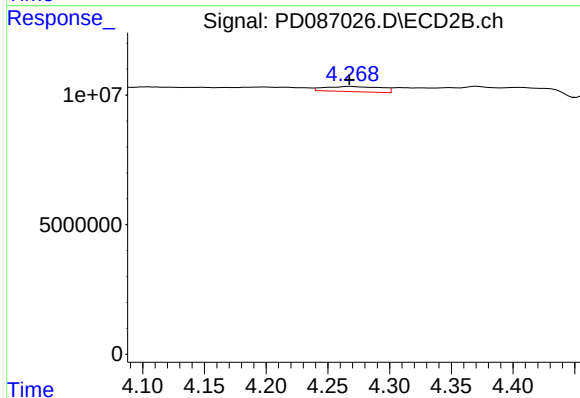
R.T.: 4.032 min
Delta R.T.: 0.002 min
Response: 85435594
Conc: 11.93 ng/ml



#7 delta-BHC

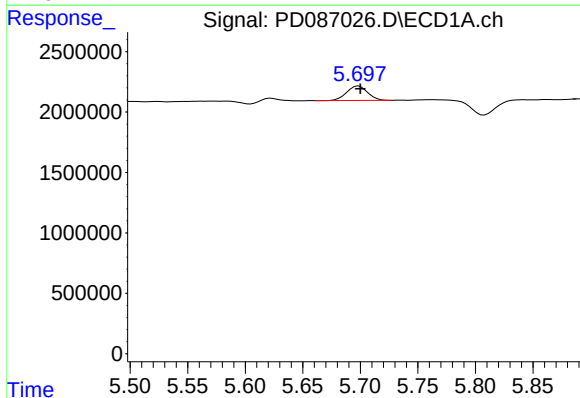
R.T.: 0.000 min
Exp R.T.: 4.770 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



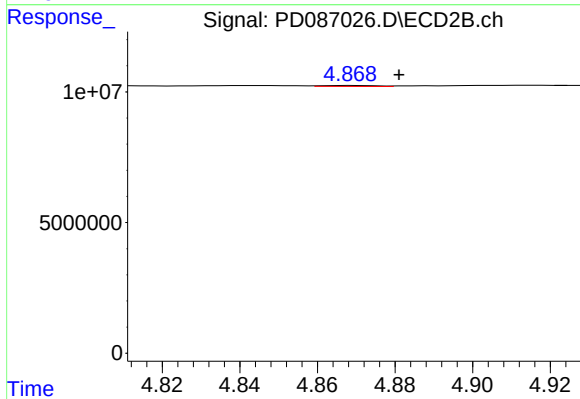
#7 delta-BHC

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 6260491
Conc: 0.37 ng/ml



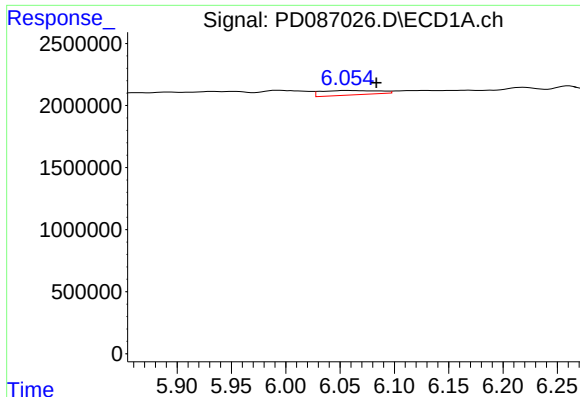
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: -0.002 min
Response: 1511091
Conc: 0.42 ng/ml



#8 Heptachlor epoxide

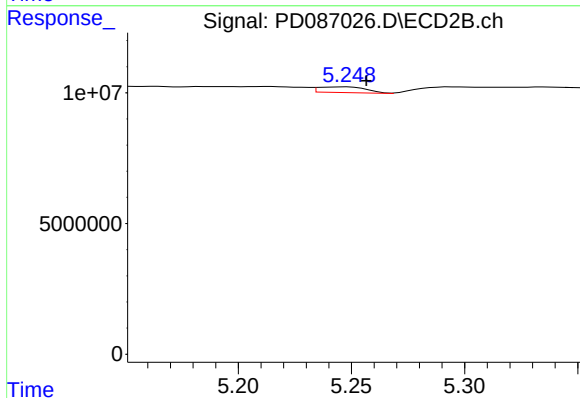
R.T.: 4.869 min
Delta R.T.: -0.012 min
Response: 337274
Conc: 0.02 ng/ml



#9 Endosulfan I

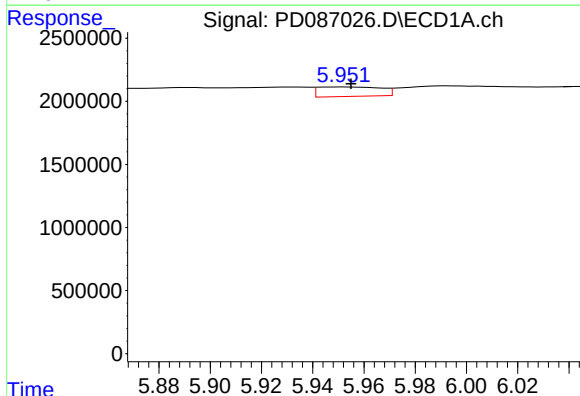
R.T.: 6.056 min
Delta R.T.: -0.027 min
Response: 1337348
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



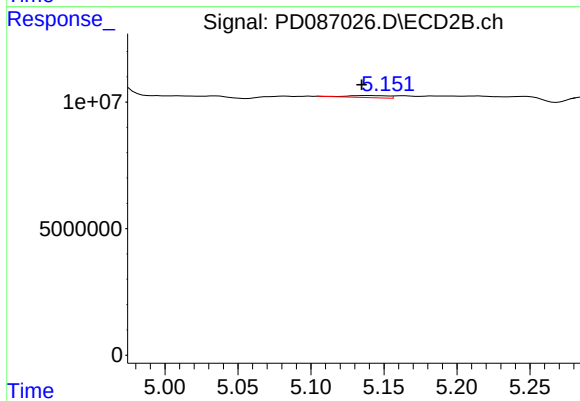
#9 Endosulfan I

R.T.: 5.248 min
Delta R.T.: -0.009 min
Response: 3199187
Conc: 0.23 ng/ml



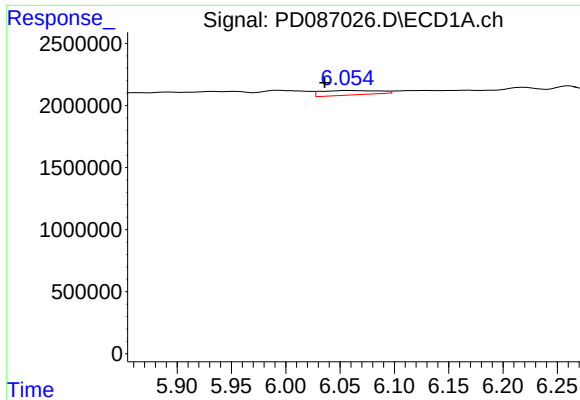
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: -0.002 min
Response: 1270765
Conc: 0.36 ng/ml



#10 gamma-Chlordane

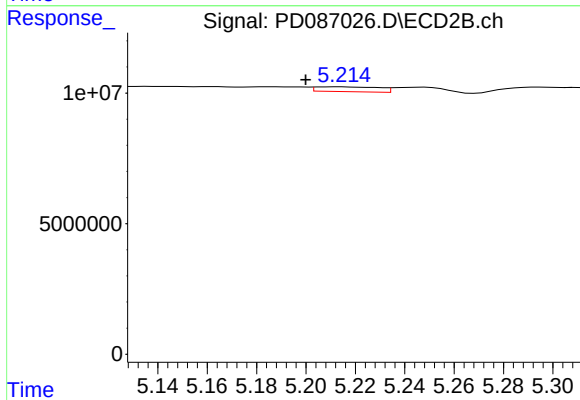
R.T.: 5.136 min
Delta R.T.: 0.001 min
Response: 1634844
Conc: 0.11 ng/ml



#11 alpha-Chlordane

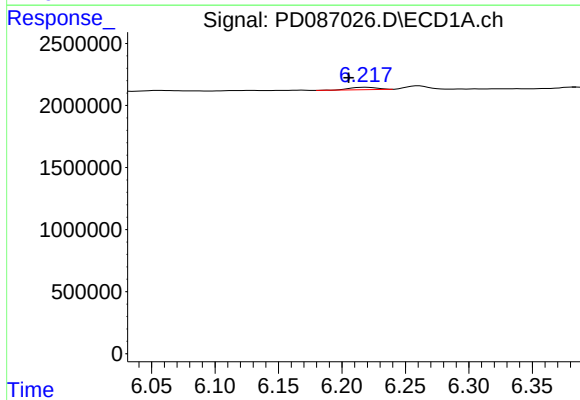
R.T.: 6.056 min
Delta R.T.: 0.020 min
Response: 1337348
Conc: 0.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



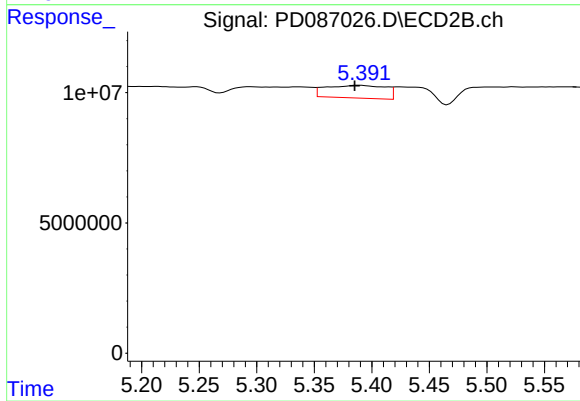
#11 alpha-Chlordane

R.T.: 5.214 min
Delta R.T.: 0.014 min
Response: 3274335
Conc: 0.21 ng/ml



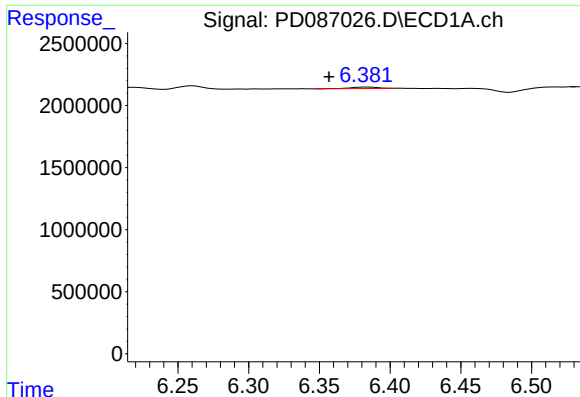
#12 4,4'-DDE

R.T.: 6.218 min
Delta R.T.: 0.013 min
Response: 285474
Conc: 0.09 ng/ml



#12 4,4'-DDE

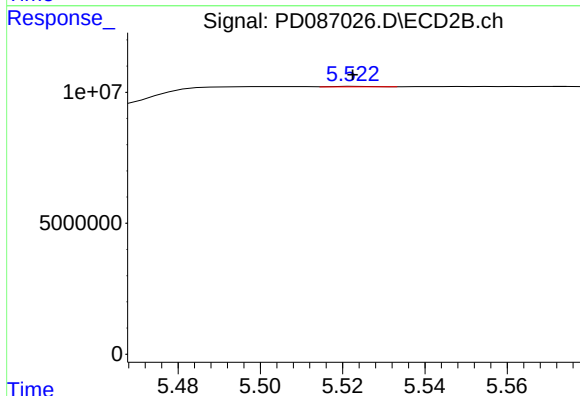
R.T.: 5.389 min
Delta R.T.: 0.004 min
Response: 17576357
Conc: 1.17 ng/ml



#13 Dieldrin

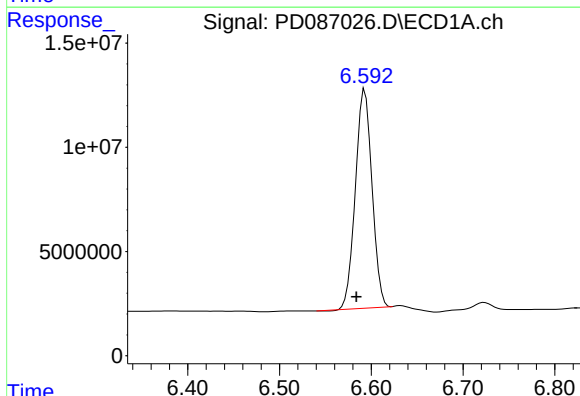
R.T.: 6.383 min
Delta R.T.: 0.026 min
Response: 172783
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



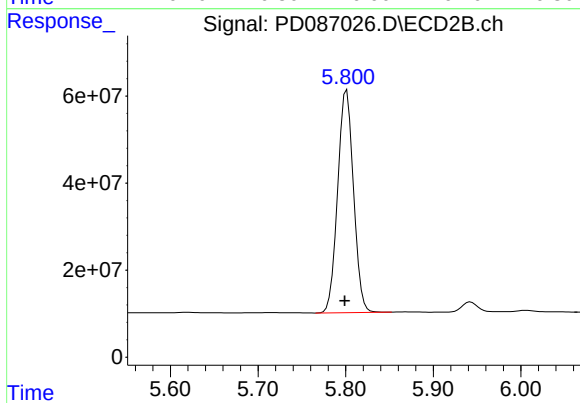
#13 Dieldrin

R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 121939
Conc: 0.01 ng/ml



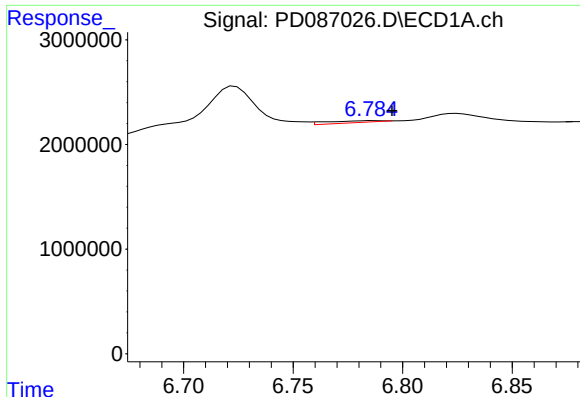
#14 Endrin

R.T.: 6.593 min
Delta R.T.: 0.009 min
Response: 132494479
Conc: 43.79 ng/ml



#14 Endrin

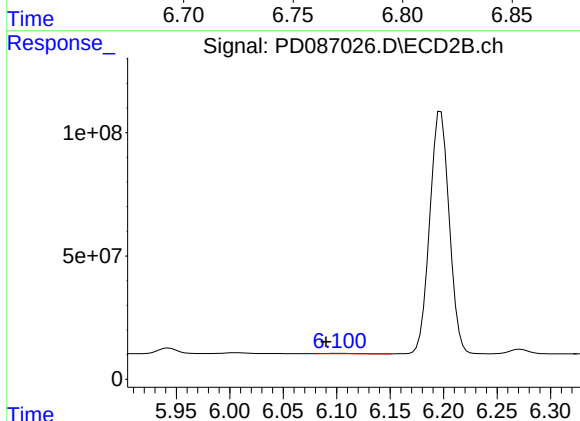
R.T.: 5.801 min
Delta R.T.: 0.003 min
Response: 642557686
Conc: 45.93 ng/ml



#15 Endosulfan II

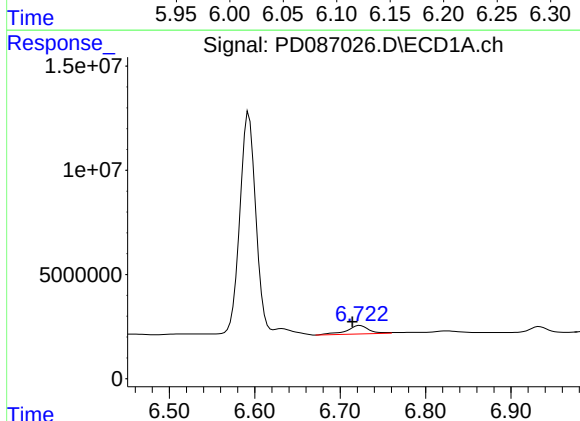
R.T.: 6.786 min
Delta R.T.: -0.009 min
Response: 313535
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



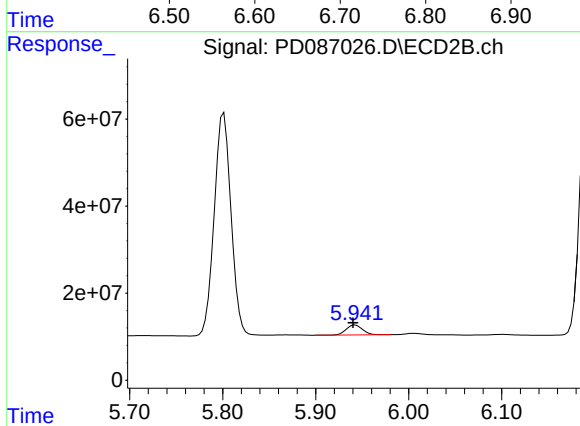
#15 Endosulfan II

R.T.: 6.102 min
Delta R.T.: 0.011 min
Response: 2873059
Conc: 0.21 ng/ml



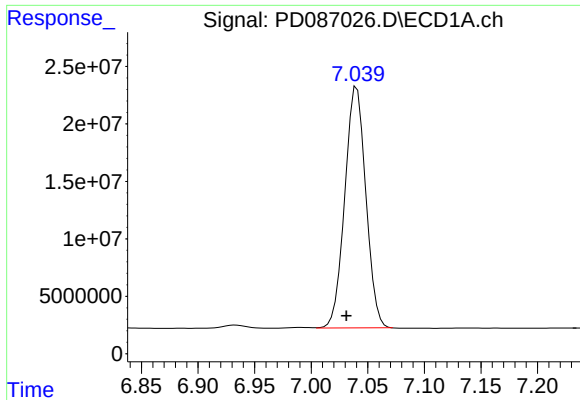
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.009 min
Response: 7371439
Conc: 2.84 ng/ml



#16 4,4'-DDD

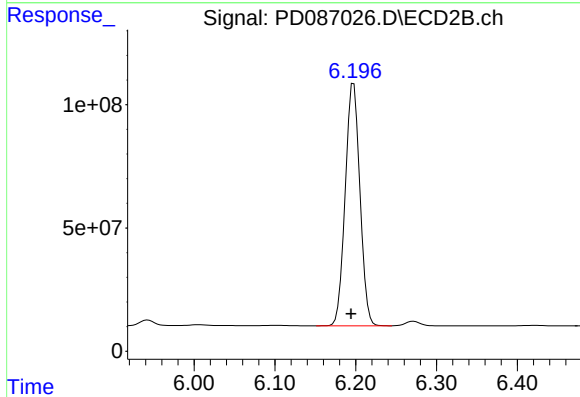
R.T.: 5.943 min
Delta R.T.: 0.003 min
Response: 28053594
Conc: 2.23 ng/ml



#17 4,4'-DDT

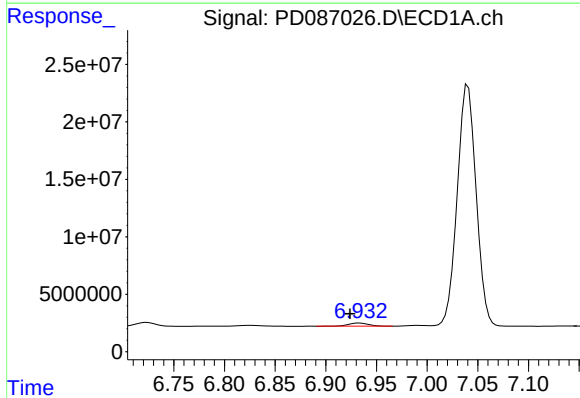
R.T.: 7.040 min
Delta R.T.: 0.009 min
Response: 271626994
Conc: 96.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



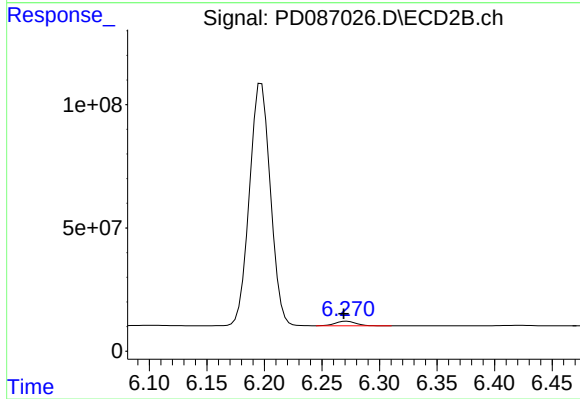
#17 4,4'-DDT

R.T.: 6.197 min
Delta R.T.: 0.003 min
Response: 1244030350
Conc: 93.30 ng/ml



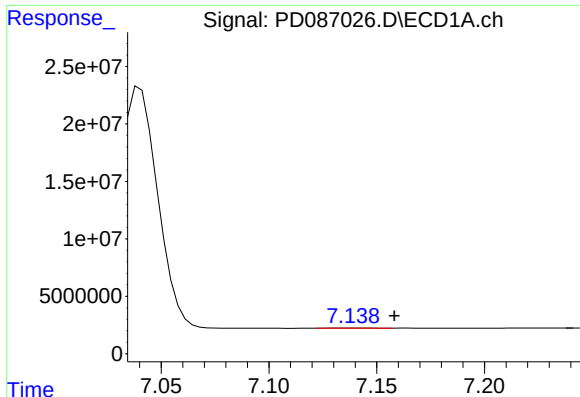
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.009 min
Response: 3823476
Conc: 1.56 ng/ml



#18 Endrin aldehyde

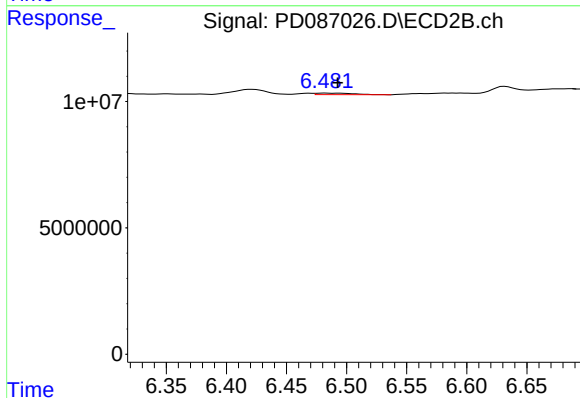
R.T.: 6.272 min
Delta R.T.: 0.003 min
Response: 23103014
Conc: 2.08 ng/ml



#19 Endosulfan Sulfate

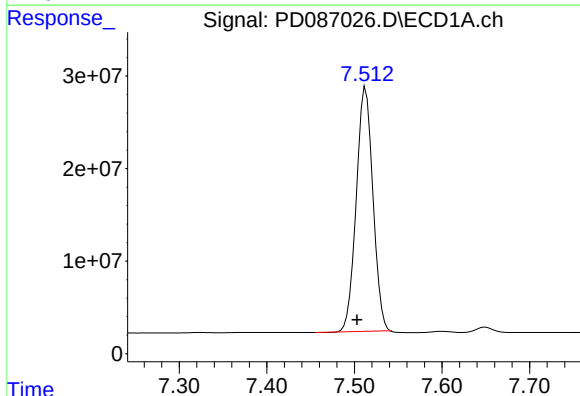
R.T.: 7.139 min
Delta R.T.: -0.019 min
Response: 133308
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



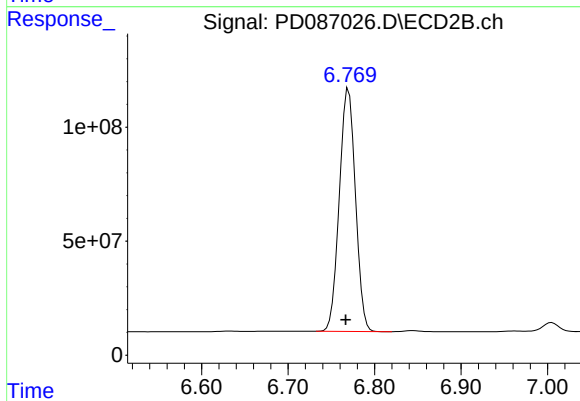
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: -0.010 min
Response: 1276416
Conc: 0.09 ng/ml



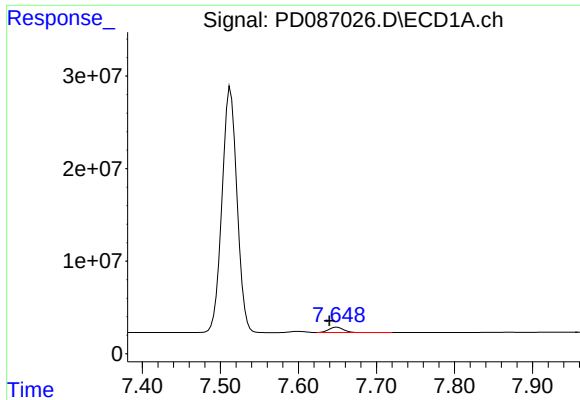
#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: 0.010 min
Response: 348523082
Conc: 217.92 ng/ml



#20 Methoxychlor

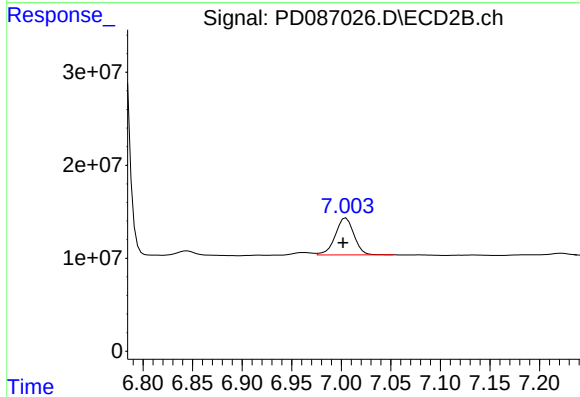
R.T.: 6.770 min
Delta R.T.: 0.003 min
Response: 1372905185
Conc: 191.39 ng/ml



#21 Endrin ketone

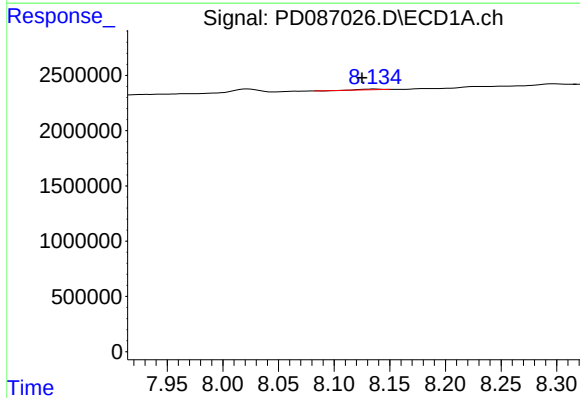
R.T.: 7.650 min
Delta R.T.: 0.010 min
Response: 7679396
Conc: 2.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



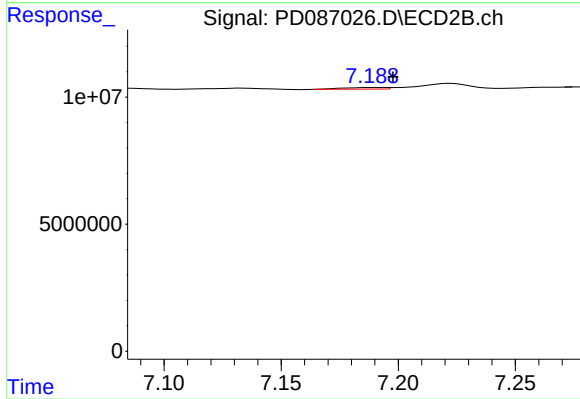
#21 Endrin ketone

R.T.: 7.005 min
Delta R.T.: 0.003 min
Response: 52351787
Conc: 3.47 ng/ml



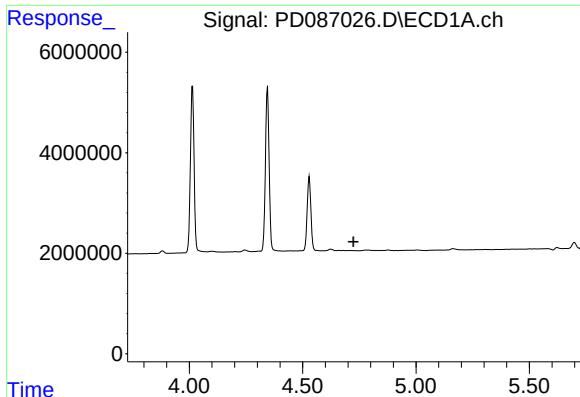
#22 Mirex

R.T.: 8.136 min
Delta R.T.: 0.011 min
Response: 69068
Conc: 0.03 ng/ml



#22 Mirex

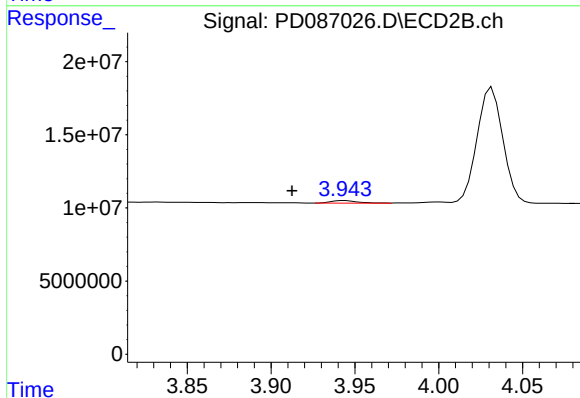
R.T.: 7.189 min
Delta R.T.: -0.008 min
Response: 786452
Conc: 0.06 ng/ml



#23 Chlordane-1

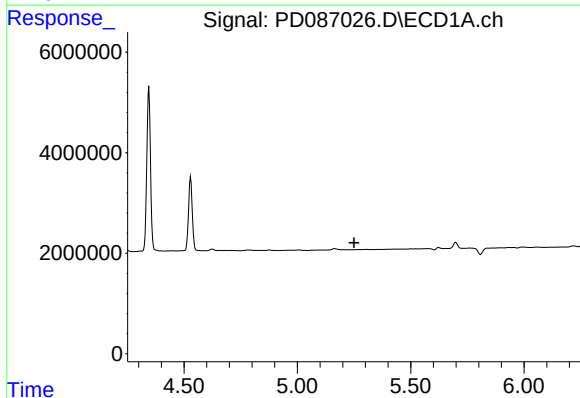
R.T.: 0.000 min
Exp R.T.: 4.725 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



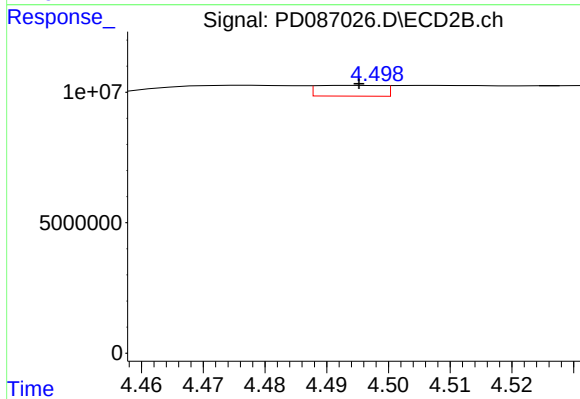
#23 Chlordane-1

R.T.: 3.944 min
Delta R.T.: 0.031 min
Response: 1995483
Conc: 3.83 ng/ml



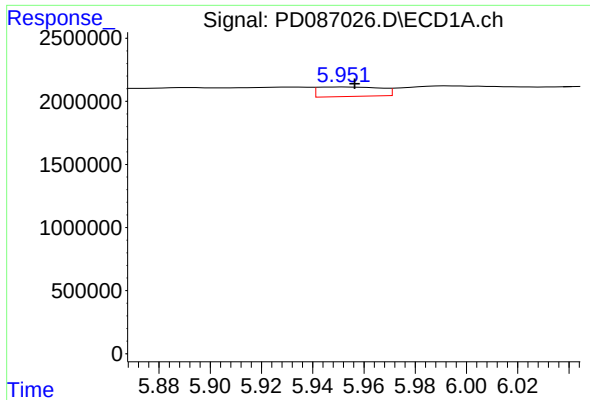
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.251 min
Response: 0
Conc: N.D.



#24 Chlordane-2

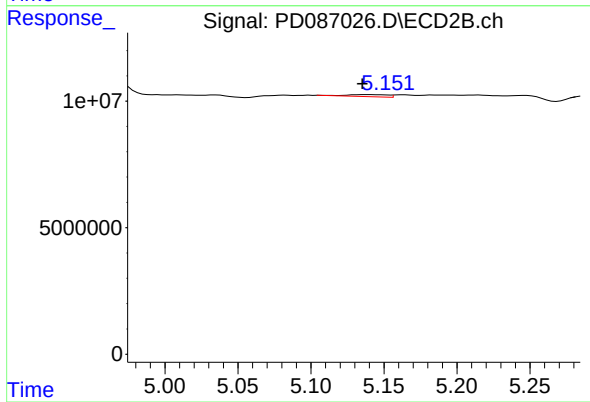
R.T.: 4.495 min
Delta R.T.: 0.000 min
Response: 3052773
Conc: 5.48 ng/ml



#25 Chlordane-3

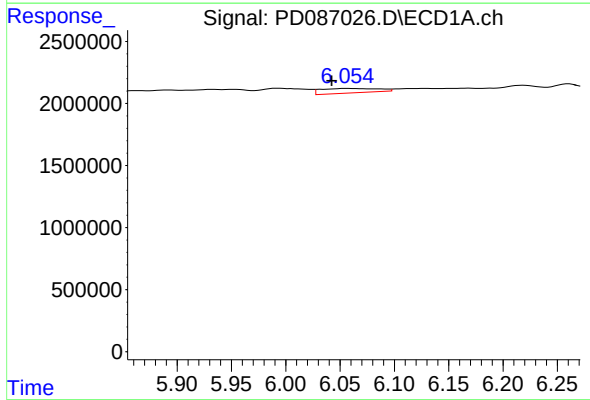
R.T.: 5.952 min
Delta R.T.: -0.004 min
Response: 1270765
Conc: 2.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



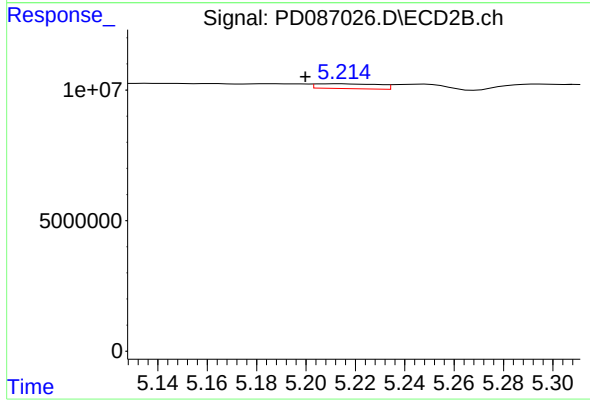
#25 Chlordane-3

R.T.: 5.136 min
Delta R.T.: 0.001 min
Response: 1634844
Conc: 0.99 ng/ml



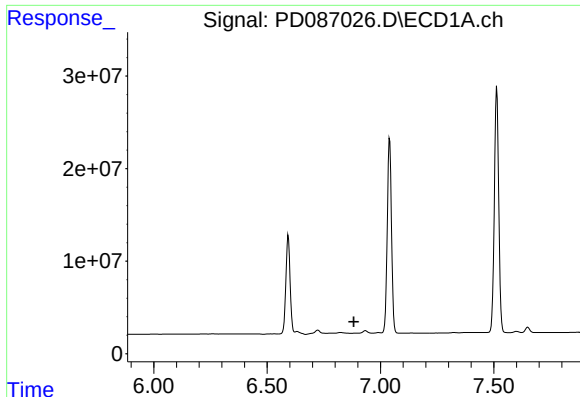
#26 Chlordane-4

R.T.: 6.056 min
Delta R.T.: 0.014 min
Response: 1337348
Conc: 2.03 ng/ml



#26 Chlordane-4

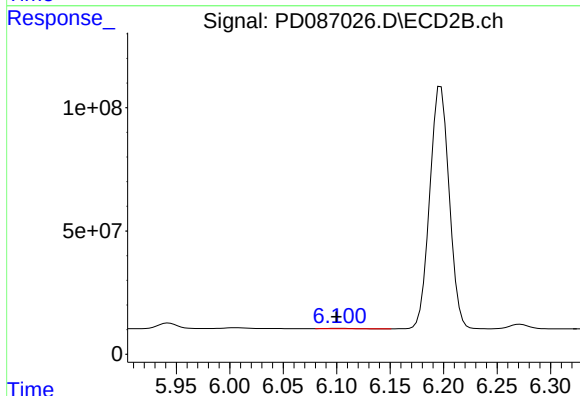
R.T.: 5.214 min
Delta R.T.: 0.014 min
Response: 3274335
Conc: 2.34 ng/ml



#27 Chlordane-5

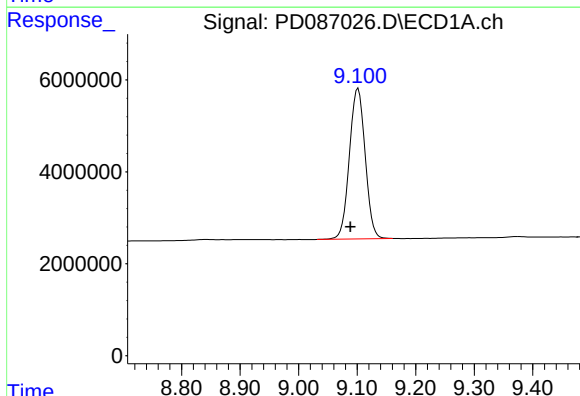
R.T.: 0.000 min
Exp R.T.: 6.882 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



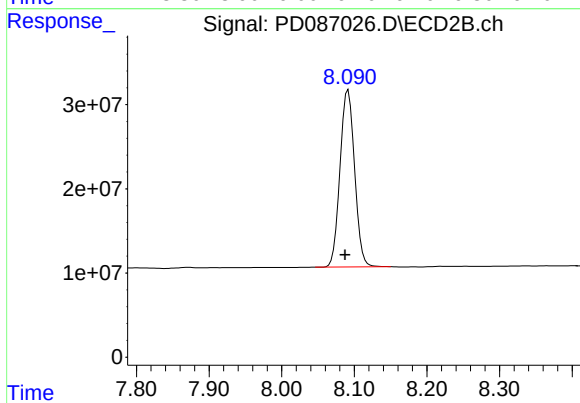
#27 Chlordane-5

R.T.: 6.102 min
Delta R.T.: 0.002 min
Response: 2873059
Conc: 4.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.102 min
Delta R.T.: 0.013 min
Response: 61413357
Conc: 19.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.092 min
Delta R.T.: 0.004 min
Response: 293780591
Conc: 21.09 ng/ml