

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102725\
 Data File : PD090853.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2025 18:34
 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: Oct 28 01:11:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.543	2.873	70350777	644.6E6	22.591	21.647
28)	SA Decachlor...	9.061	8.059	93061277	577.1E6	19.894	19.052
Target Compounds							
2)	A alpha-BHC	3.993	3.385	68852829	536.8E6	9.593	10.505
3)	MA gamma-BHC...	4.323	3.721	66589896	496.5E6	9.794	10.508
4)	MA Heptachlor	4.947f	4.070	1099279	1808536	0.197	0.041 #
5)	MB Aldrin	5.253	4.356	115571	2653577	0.018	0.057 #
6)	B beta-BHC	4.511	4.017	27996669	212.3E6	10.687	10.706
7)	B delta-BHC	4.769	4.260	2611456	328299	0.386	0.007 #
8)	B Heptachlo...	0.000	4.891f	0	43982412	N.D.	1.032 #
9)	A Endosulfan I	0.000	5.211f	0	5711766	N.D.	0.145 #
10)	B gamma-Chl...	0.000	5.115	0	8453571	N.D.	0.188 #
11)	B alpha-Chl...	5.995f	5.191	35067802	5534368	5.674	0.128 #
12)	B 4,4'-DDE	6.191	5.366	148138	4529564	0.028	0.103 #
13)	MA Dieldrin	6.358f	5.505	437599	484169	0.075	0.011 #
14)	MA Endrin	6.566	5.778	247.7E6	1928.2E6	50.011	47.616
15)	B Endosulfa...	6.799f	6.076	3451412	7665060	0.690	0.204 #
16)	A 4,4'-DDD	6.698	5.918	23819458	229.7E6	5.875	6.303
17)	MA 4,4'-DDT	7.015	6.172	396.2E6	3208.7E6	96.386	91.486
18)	B Endrin al...	6.911	6.246	1997143	25132636	0.545	0.908 #
19)	B Endosulfa...	0.000	6.495f	0	155704	N.D.	0.004 #
20)	A Methoxychlor	7.487	6.742	484.1E6	3334.1E6	227.770	191.307
21)	B Endrin ke...	7.623	6.980	14444148	85826701	2.973	2.275
22)	Mirex	0.000	7.166	0	10277155	N.D.	0.400 #
23)	Chlordane-1	0.000	3.888	0	1533015	N.D.	1.230 #
24)	Chlordane-2	5.253	4.479	115571	3784670	0.598	2.901 #
25)	Chlordane-3	0.000	5.115	0	8453571	N.D.	2.172 #
26)	Chlordane-4	0.000	5.191	0	5534368	N.D.	1.656 #
27)	Chlordane-5	6.855	6.076	548177	7665060	3.648	5.193 #

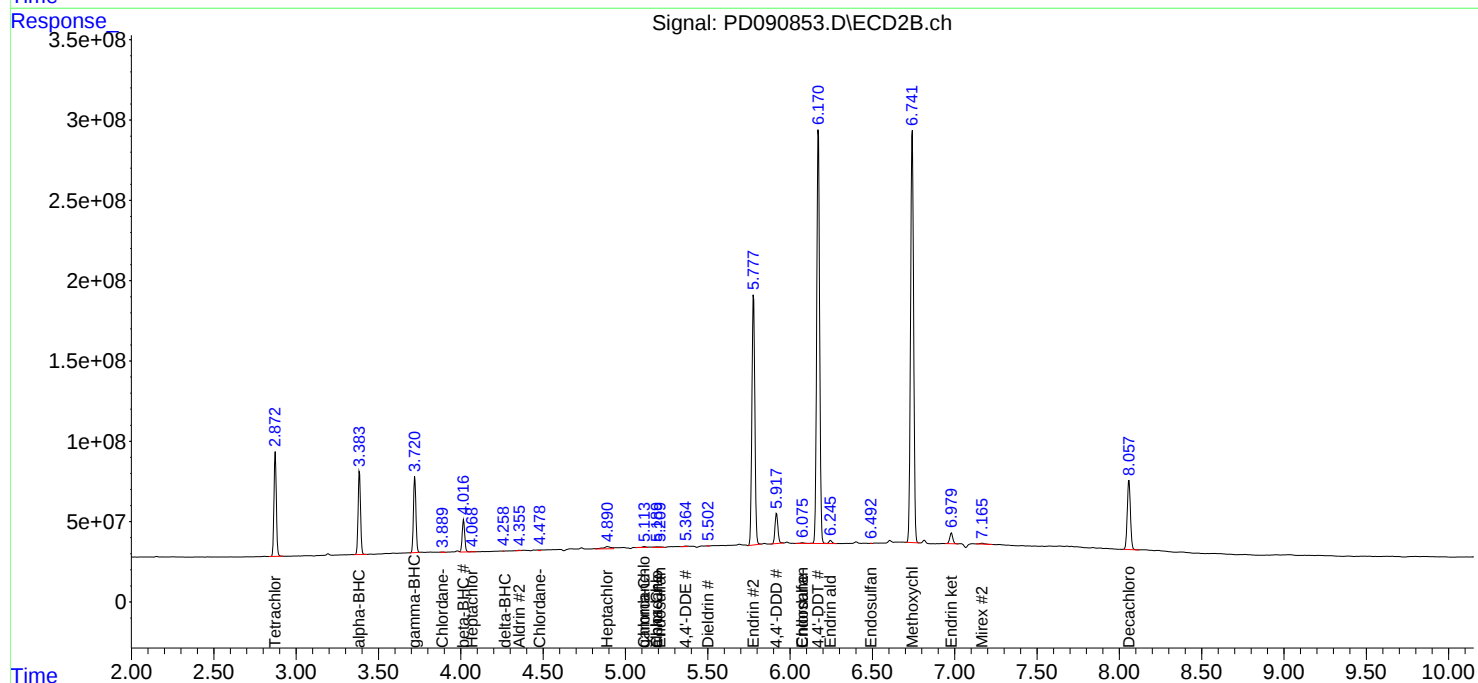
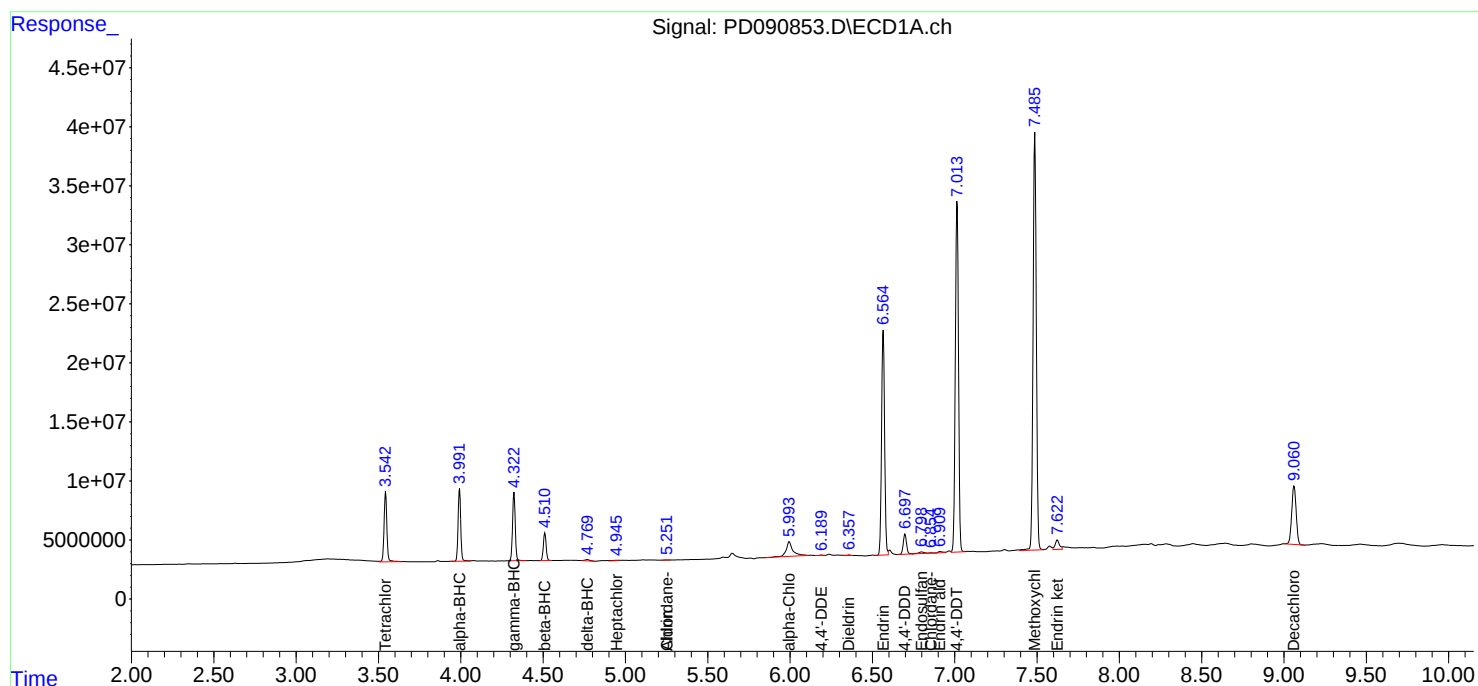
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

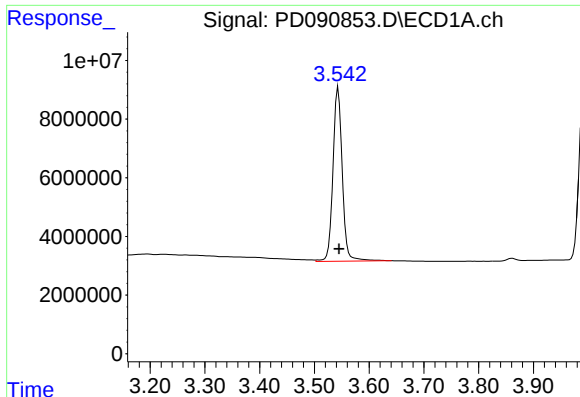
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102725\
Data File : PD090853.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 18:34
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:11:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
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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

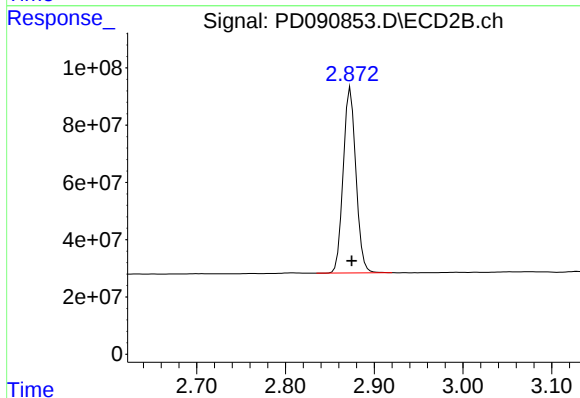




#1 Tetrachloro-m-xylene

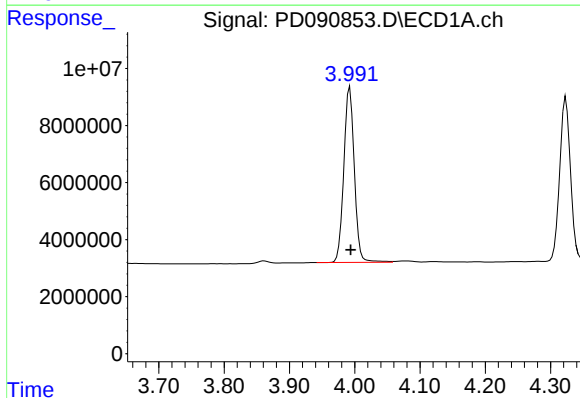
R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 70350777
Conc: 22.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



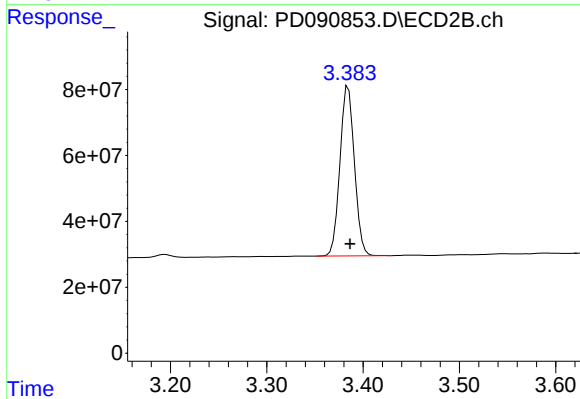
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 644594078
Conc: 21.65 ng/ml



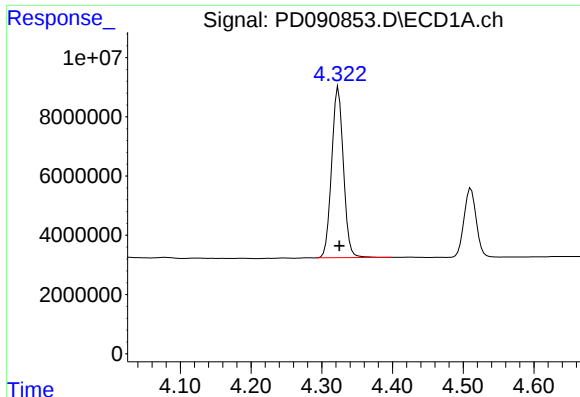
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 68852829
Conc: 9.59 ng/ml



#2 alpha-BHC

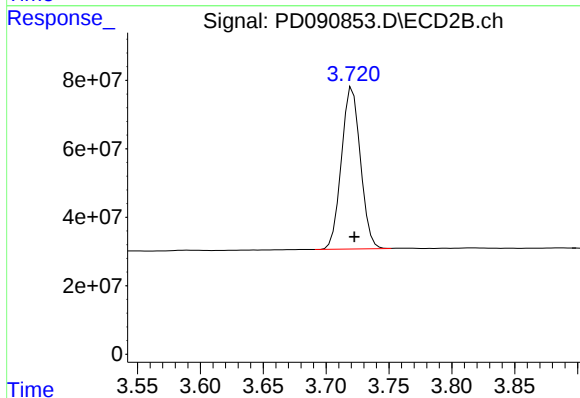
R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 536758153
Conc: 10.50 ng/ml



#3 gamma-BHC (Lindane)

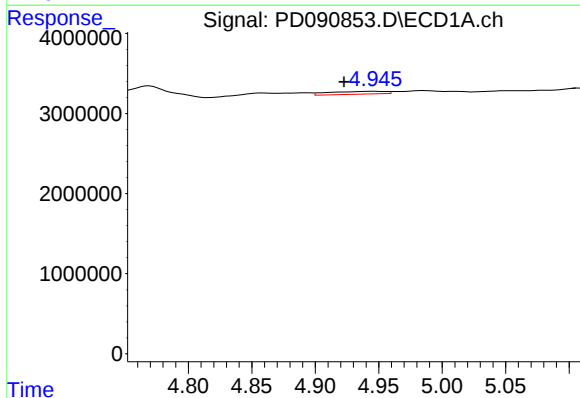
R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 66589896
Conc: 9.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



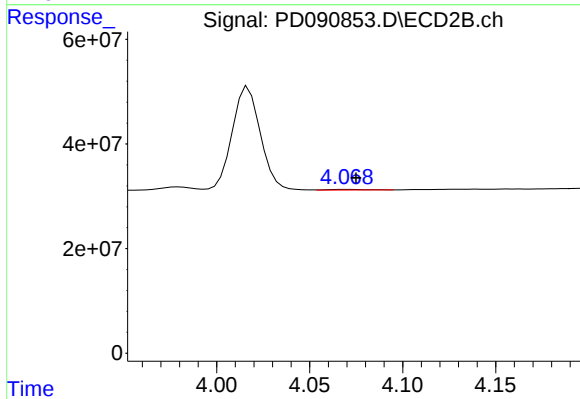
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 496470037
Conc: 10.51 ng/ml



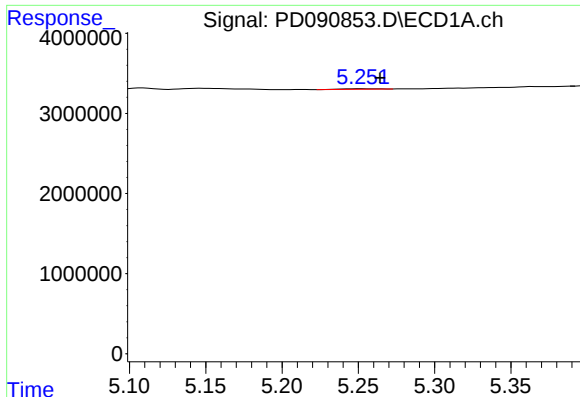
#4 Heptachlor

R.T.: 4.947 min
Delta R.T.: 0.024 min
Response: 1099279
Conc: 0.20 ng/ml



#4 Heptachlor

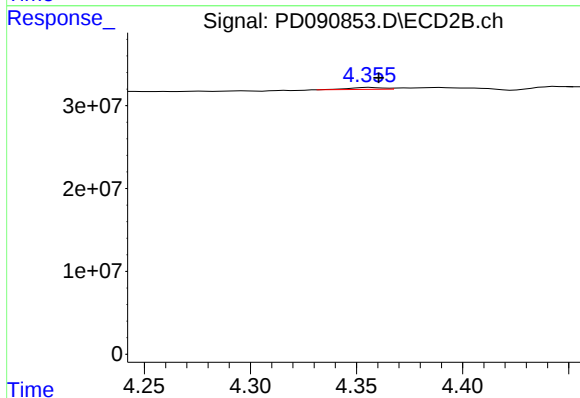
R.T.: 4.070 min
Delta R.T.: -0.005 min
Response: 1808536
Conc: 0.04 ng/ml



#5 Aldrin

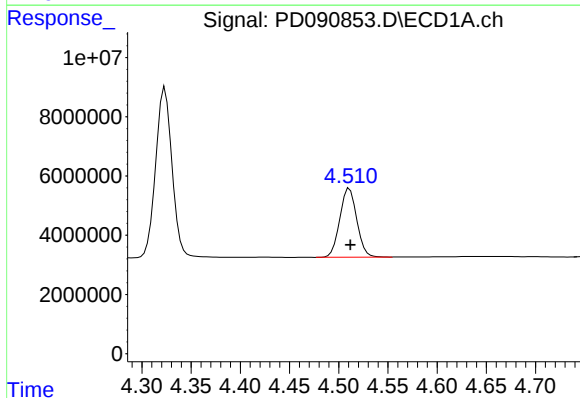
R.T.: 5.253 min
Delta R.T.: -0.012 min
Response: 115571
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



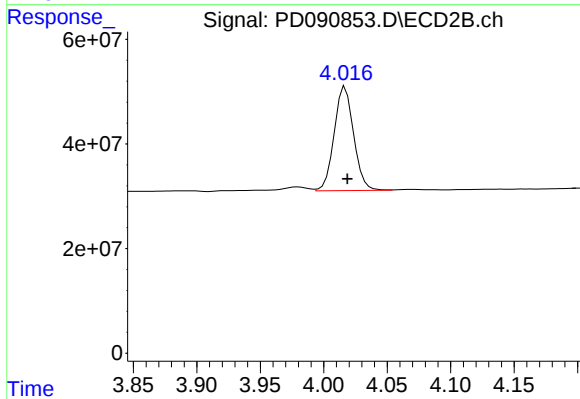
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.005 min
Response: 2653577
Conc: 0.06 ng/ml



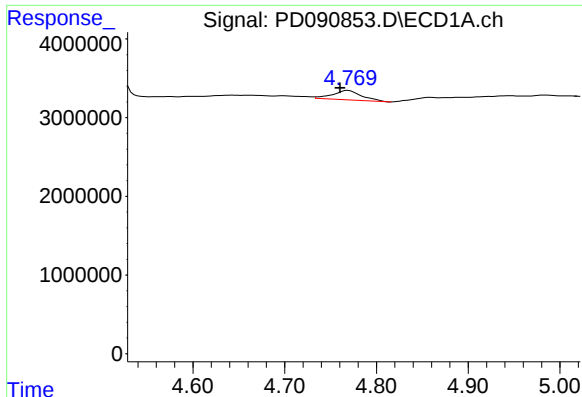
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: -0.001 min
Response: 27996669
Conc: 10.69 ng/ml



#6 beta-BHC

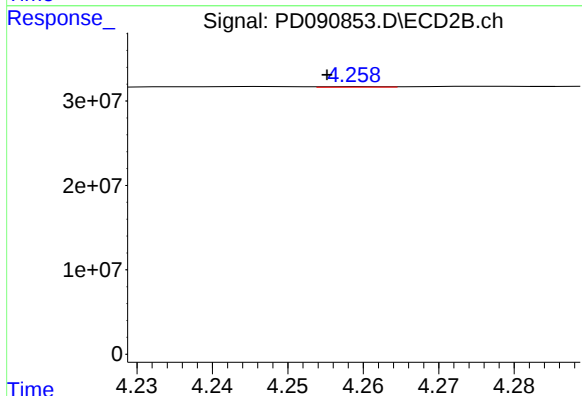
R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 212298536
Conc: 10.71 ng/ml



#7 delta-BHC

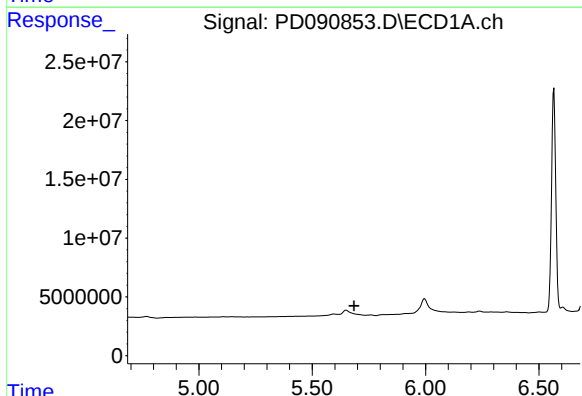
R.T.: 4.769 min
Delta R.T.: 0.009 min
Response: 2611456
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



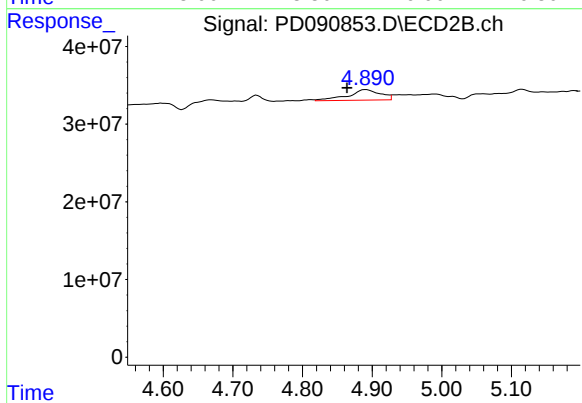
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: 0.004 min
Response: 328299
Conc: 0.01 ng/ml



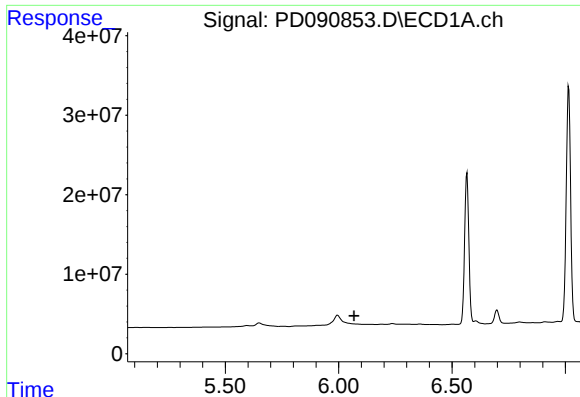
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.684 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

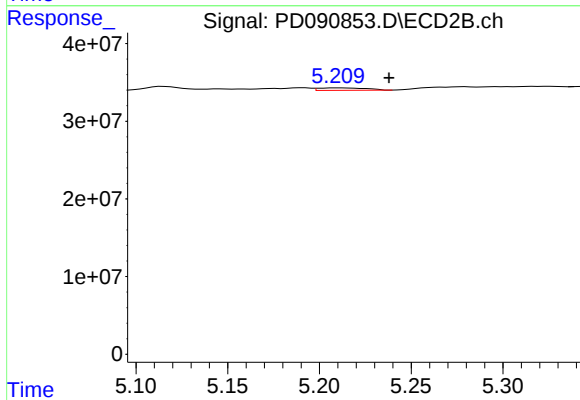
R.T.: 4.891 min
Delta R.T.: 0.027 min
Response: 43982412
Conc: 1.03 ng/ml



#9 Endosulfan I

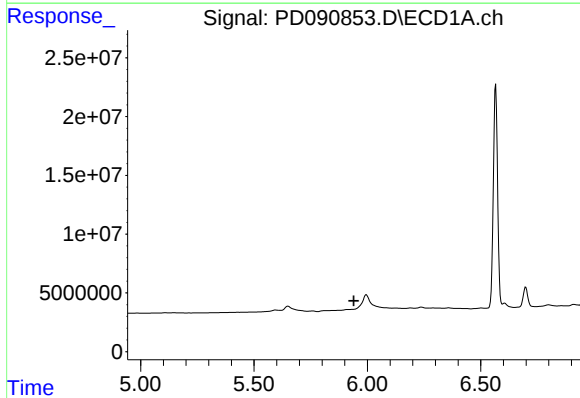
R.T.: 0.000 min
Exp R.T.: 6.068 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



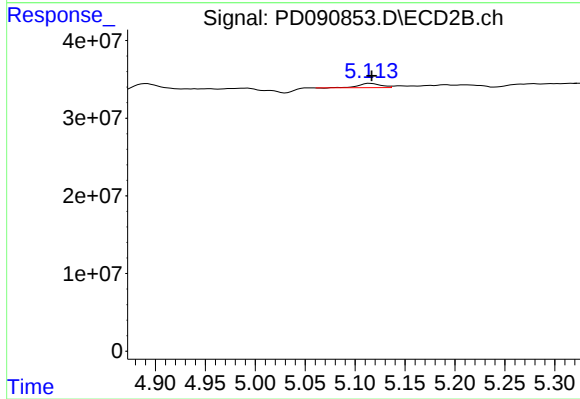
#9 Endosulfan I

R.T.: 5.211 min
Delta R.T.: -0.027 min
Response: 5711766
Conc: 0.15 ng/ml



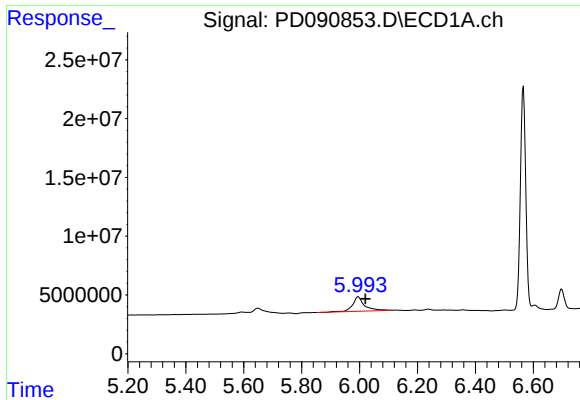
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.940 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

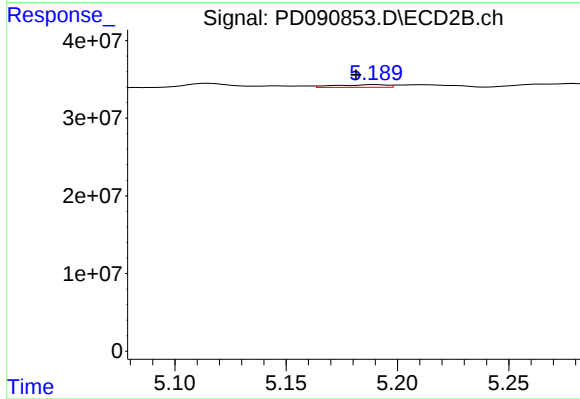
R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 8453571
Conc: 0.19 ng/ml



#11 alpha-Chlordane

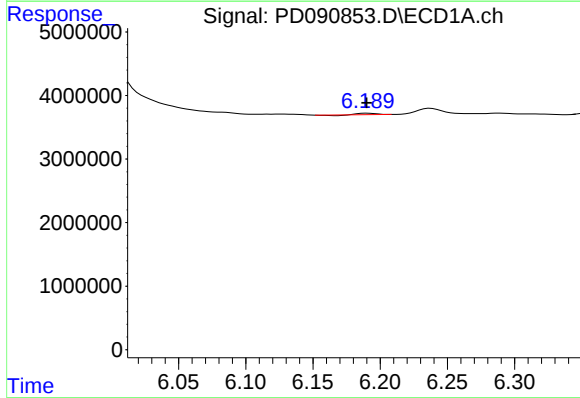
R.T.: 5.995 min
Delta R.T.: -0.026 min
Response: 35067802
Conc: 5.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



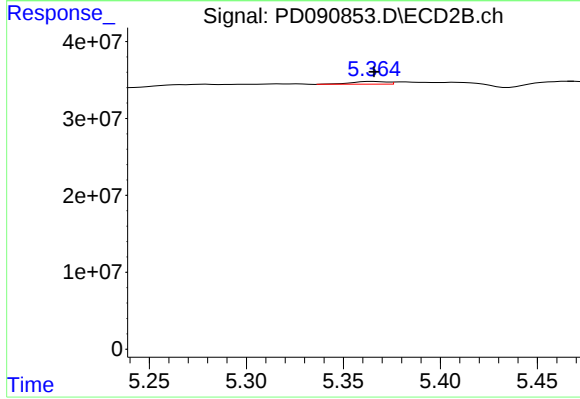
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: 0.009 min
Response: 5534368
Conc: 0.13 ng/ml



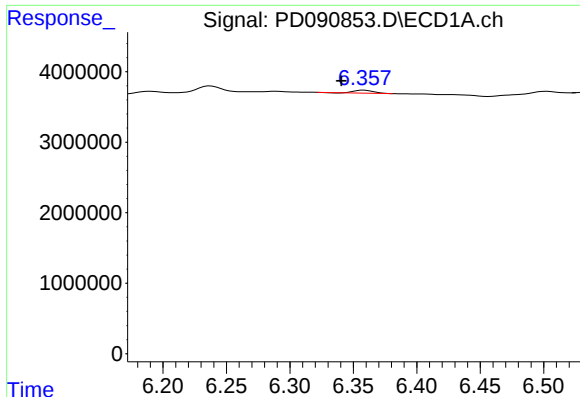
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 148138
Conc: 0.03 ng/ml



#12 4,4'-DDE

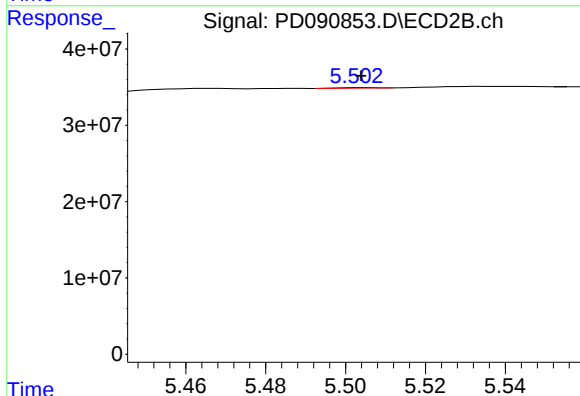
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 4529564
Conc: 0.10 ng/ml



#13 Dieldrin

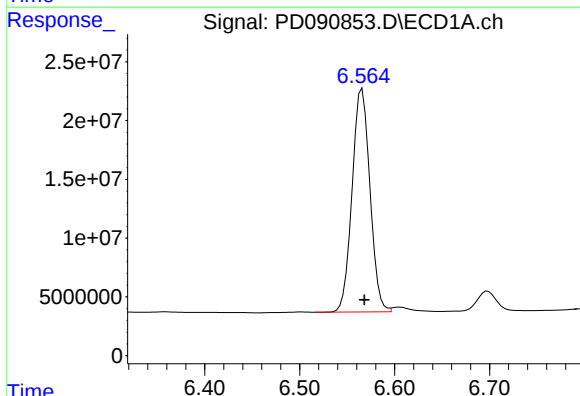
R.T.: 6.358 min
Delta R.T.: 0.018 min
Response: 437599
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



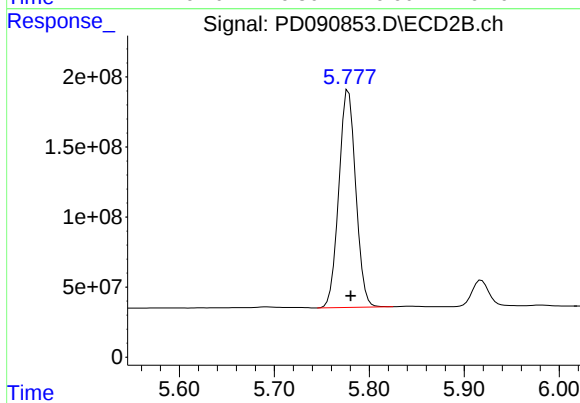
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 484169
Conc: 0.01 ng/ml



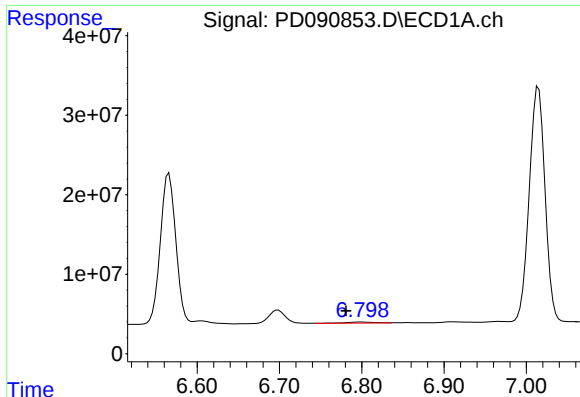
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 247737712
Conc: 50.01 ng/ml



#14 Endrin

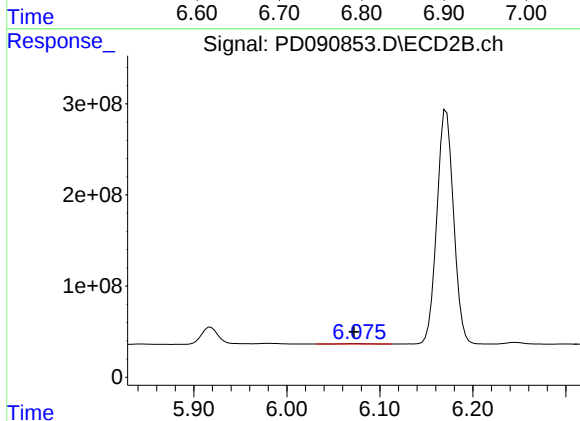
R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 1928164488
Conc: 47.62 ng/ml



#15 Endosulfan II

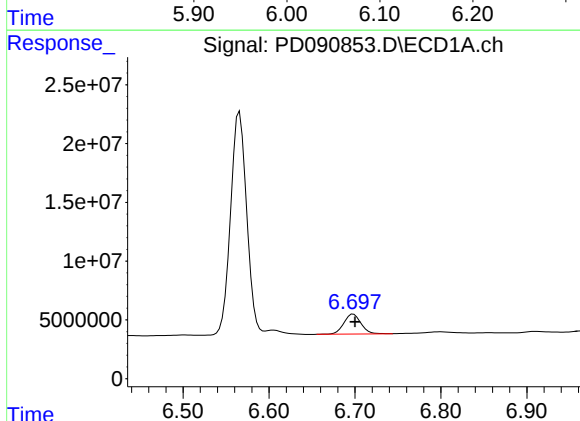
R.T.: 6.799 min
Delta R.T.: 0.018 min
Response: 3451412
Conc: 0.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



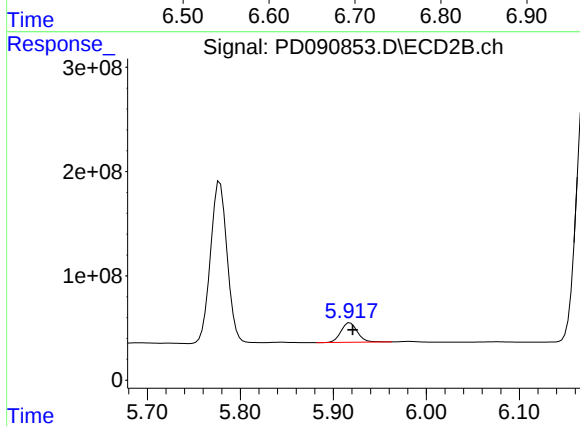
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.004 min
Response: 7665060
Conc: 0.20 ng/ml



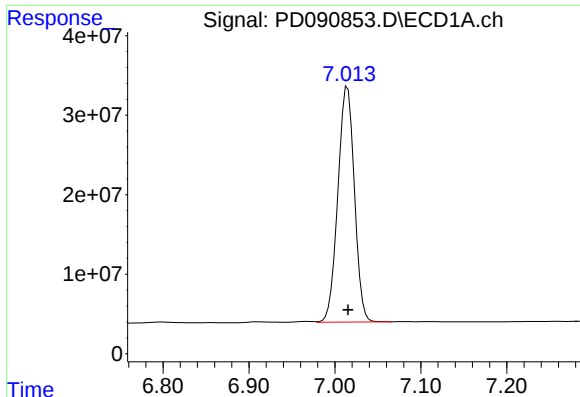
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 23819458
Conc: 5.88 ng/ml



#16 4,4'-DDD

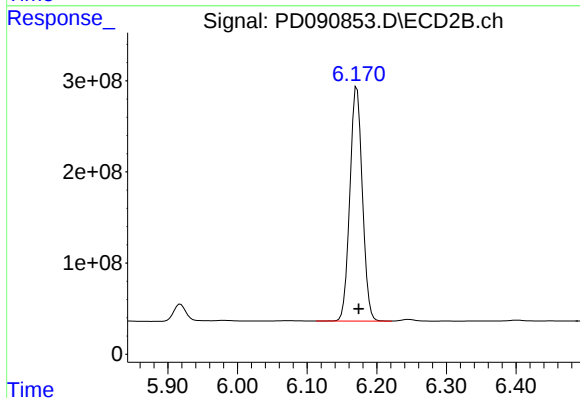
R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 229653239
Conc: 6.30 ng/ml



#17 4,4'-DDT

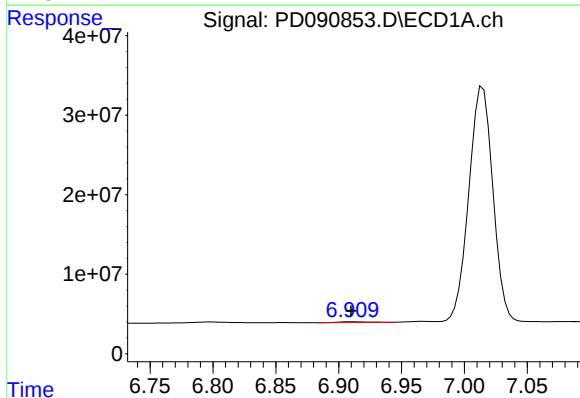
R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 396190153
Conc: 96.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



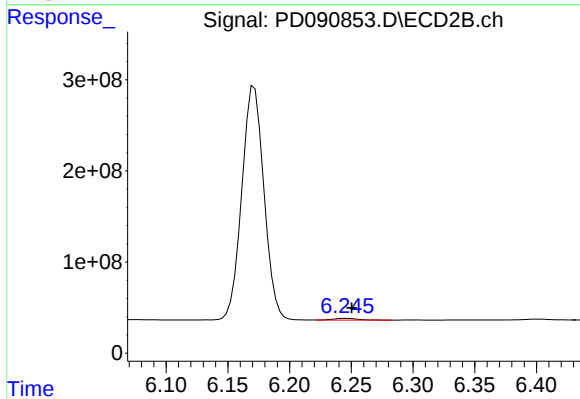
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 3208679448
Conc: 91.49 ng/ml



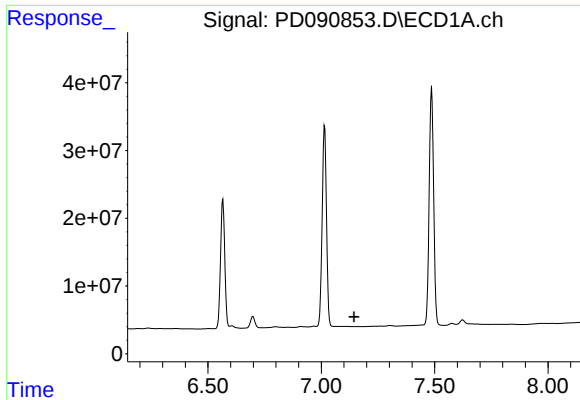
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 1997143
Conc: 0.55 ng/ml



#18 Endrin aldehyde

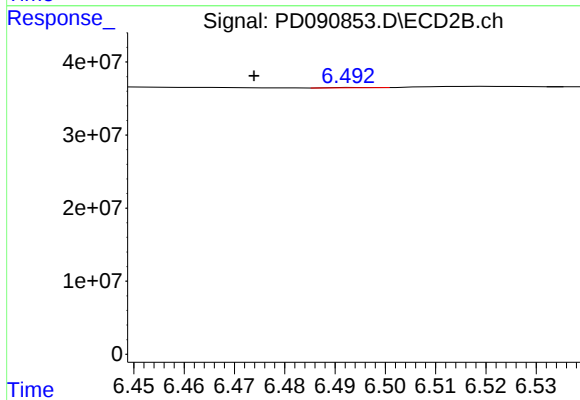
R.T.: 6.246 min
Delta R.T.: -0.004 min
Response: 25132636
Conc: 0.91 ng/ml



#19 Endosulfan Sulfate

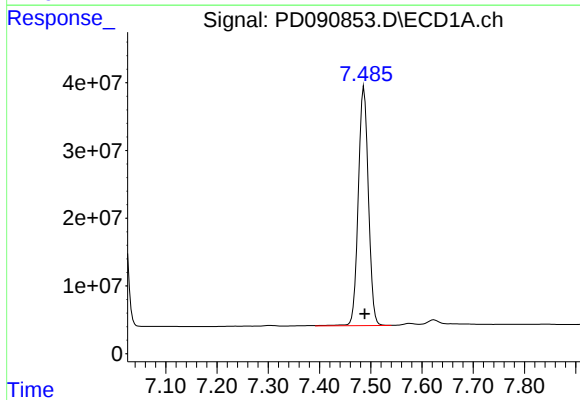
R.T.: 0.000 min
Exp R.T.: 7.145 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



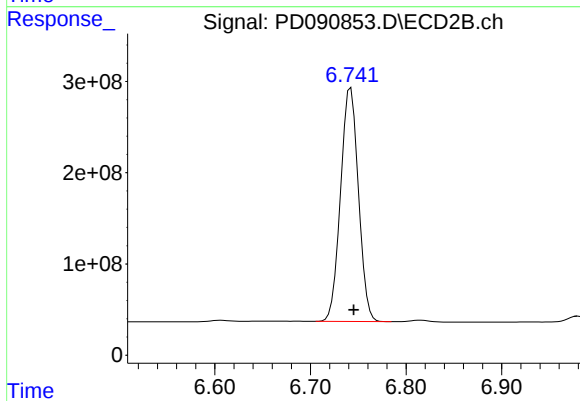
#19 Endosulfan Sulfate

R.T.: 6.495 min
Delta R.T.: 0.021 min
Response: 155704
Conc: 0.00 ng/ml



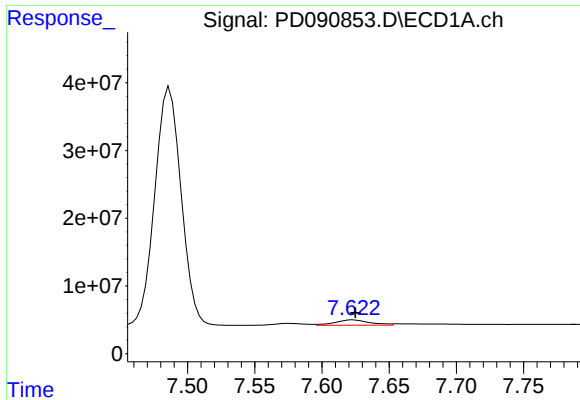
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 484143807
Conc: 227.77 ng/ml



#20 Methoxychlor

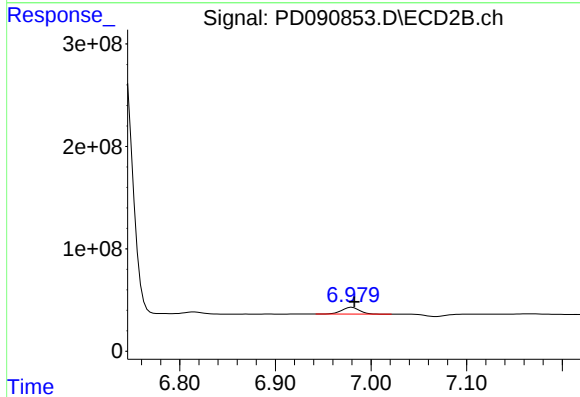
R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 3334060276
Conc: 191.31 ng/ml



#21 Endrin ketone

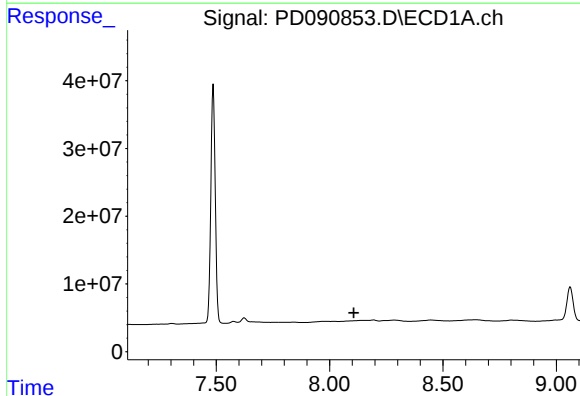
R.T.: 7.623 min
Delta R.T.: -0.002 min
Response: 14444148
Conc: 2.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



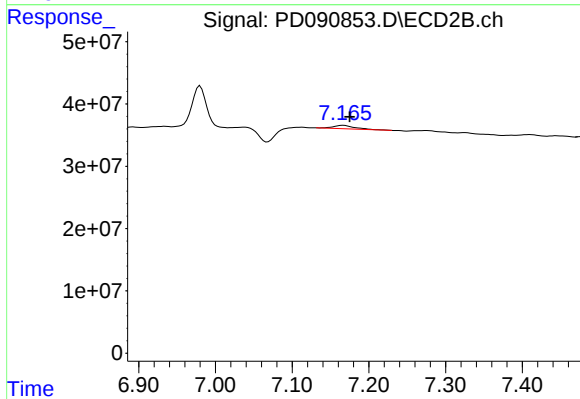
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 85826701
Conc: 2.28 ng/ml



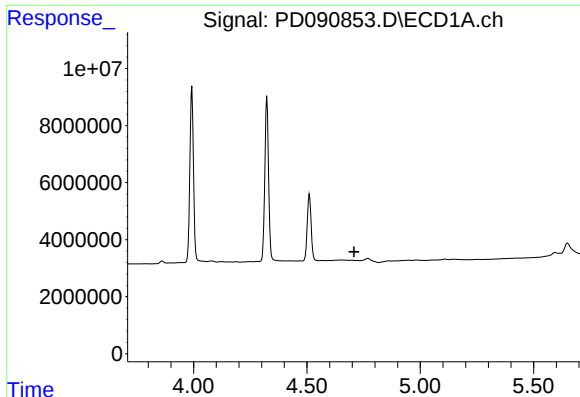
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.107 min
Response: 0
Conc: N.D.



#22 Mirex

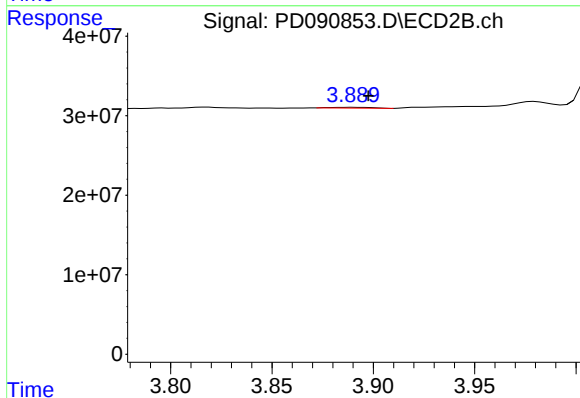
R.T.: 7.166 min
Delta R.T.: -0.009 min
Response: 10277155
Conc: 0.40 ng/ml



#23 Chlordane-1

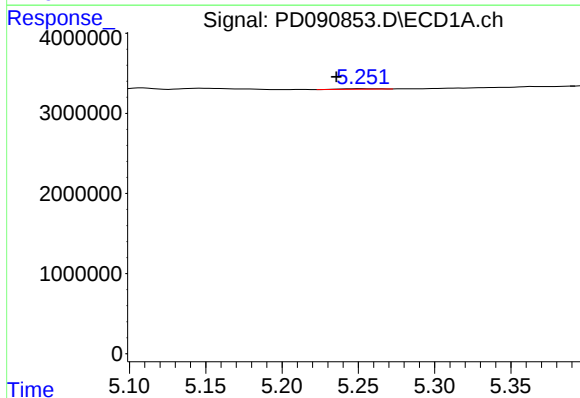
R.T.: 0.000 min
Exp R.T.: 4.709 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



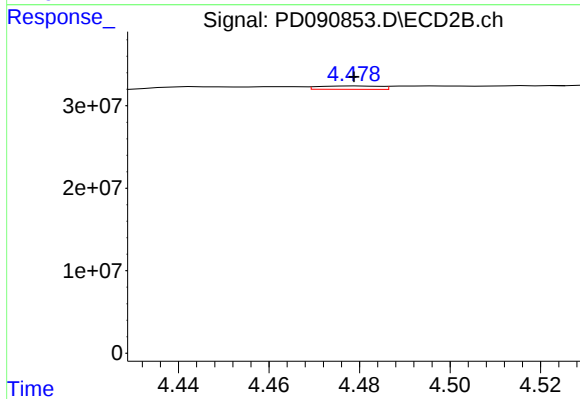
#23 Chlordane-1

R.T.: 3.888 min
Delta R.T.: -0.009 min
Response: 1533015
Conc: 1.23 ng/ml



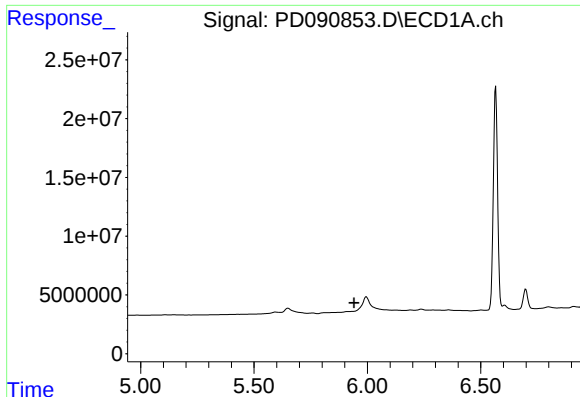
#24 Chlordane-2

R.T.: 5.253 min
Delta R.T.: 0.017 min
Response: 115571
Conc: 0.60 ng/ml



#24 Chlordane-2

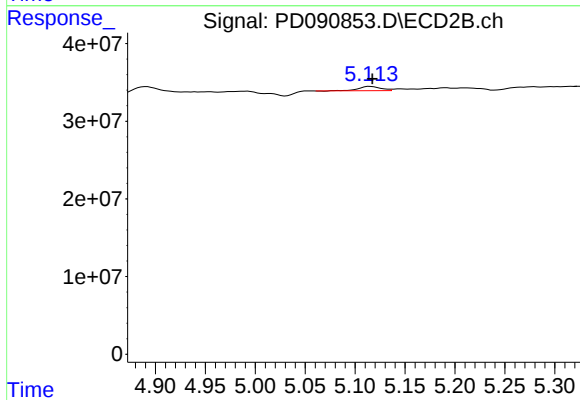
R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 3784670
Conc: 2.90 ng/ml



#25 Chlordane-3

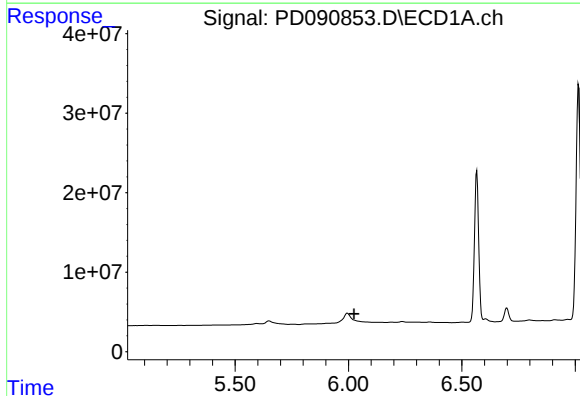
R.T.: 0.000 min
Exp R.T.: 5.941 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



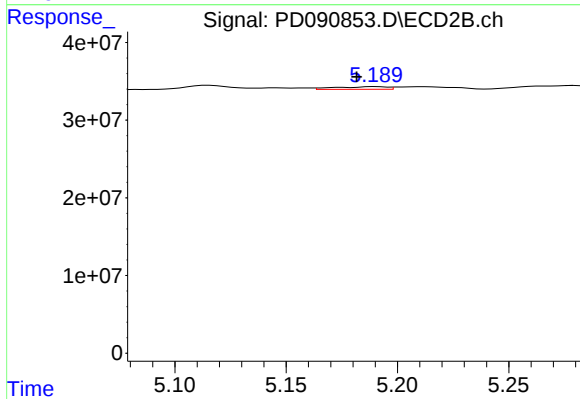
#25 Chlordane-3

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 8453571
Conc: 2.17 ng/ml



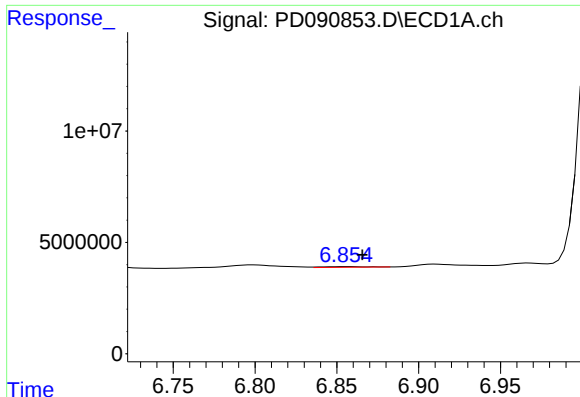
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 6.025 min
Response: 0
Conc: N.D.



#26 Chlordane-4

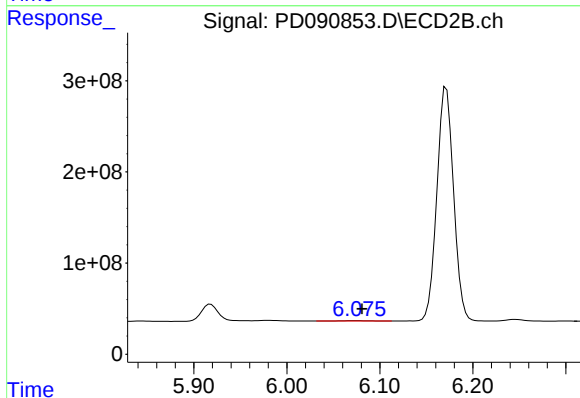
R.T.: 5.191 min
Delta R.T.: 0.009 min
Response: 5534368
Conc: 1.66 ng/ml



#27 Chlordane-5

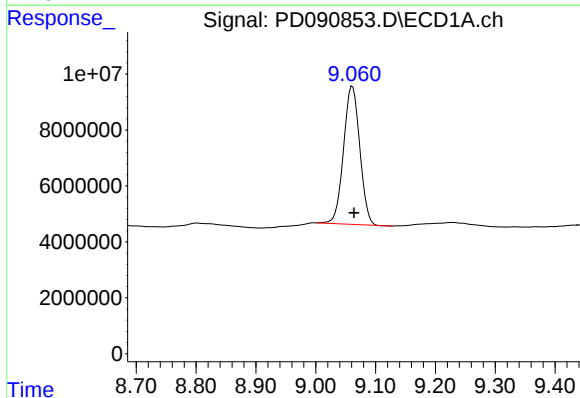
R.T.: 6.855 min
Delta R.T.: -0.010 min
Response: 548177
Conc: 3.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



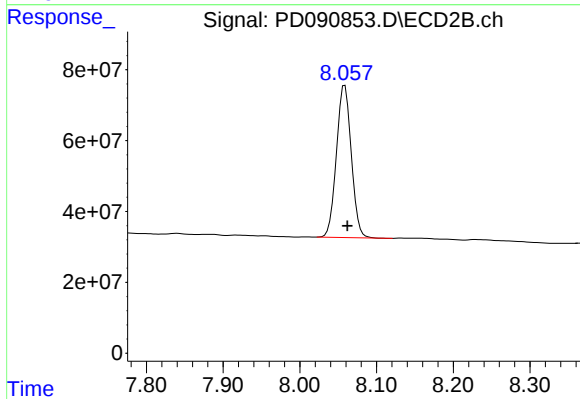
#27 Chlordane-5

R.T.: 6.076 min
Delta R.T.: -0.005 min
Response: 7665060
Conc: 5.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: -0.003 min
Response: 93061277
Conc: 19.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 577115260
Conc: 19.05 ng/ml