

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
 Data File : PD090417.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 11:29
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 02:30:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.545	2.875	65121966	538.0E6	20.035	19.600
2)	SA Decachlor...	9.063	8.062	84492393	532.3E6	17.511	16.422
Target Compounds							
2)	A alpha-BHC	3.995	3.387	57250974	412.7E6	8.197	9.427
3)	MA gamma-BHC...	4.325	3.723	54713335	382.7E6	8.269	9.395
4)	MA Heptachlor	4.950f	4.086	13683146	1104801	2.069	0.027 #
5)	MB Aldrin	5.252	4.360	263291	1801608	0.041	0.045
6)	B beta-BHC	4.512	4.019	22896347	159.6E6	8.875	9.208
7)	B delta-BHC	4.773	4.262	3403401	142121	0.527	0.003 #
8)	B Heptachlo...	5.708f	4.886f	1976034	458.3E6	0.346	12.431 #
9)	A Endosulfan I	0.000	5.235	0	910092	N.D.	0.026 #
10)	B gamma-Chl...	5.937	5.120	351246	41076	0.061	0.001 #
12)	B 4,4'-DDE	6.205	5.377	585616	2509885	0.112	0.066 #
13)	MA Dieldrin	0.000	5.505	0	3068800	N.D.	0.079 #
14)	MA Endrin	6.568	5.780	221.3E6	1476.9E6	45.220	41.218
15)	B Endosulfa...	6.799f	6.087	3672678	991472	0.753	0.029 #
16)	A 4,4'-DDD	6.703	0.000	3315918	0	0.809	N.D. #
17)	MA 4,4'-DDT	7.015	6.174	407.3E6	2788.1E6	91.473	81.098
18)	B Endrin al...	6.926	6.246	3782885	10432500	1.103	0.443 #
19)	B Endosulfa...	0.000	6.470	0	631876	N.D.	0.019 #
20)	A Methoxychlor	7.488	6.744	509.5E6	2928.2E6	216.196	168.283
21)	B Endrin ke...	7.626	6.981	6788648	10535455	1.372	0.292 #
22)	Mirex	0.000	7.168	0	10858282	N.D.	0.393 #
24)	Chlordane-2	5.252	4.478	263291	468116	1.227	0.374 #
25)	Chlordane-3	5.937	5.120	351246	41076	0.420	0.011 #
26)	Chlordane-4	0.000	5.174	0	562195	N.D.	0.173 #
27)	Chlordane-5	6.846f	6.087	2254588	991472	12.664	0.653 #

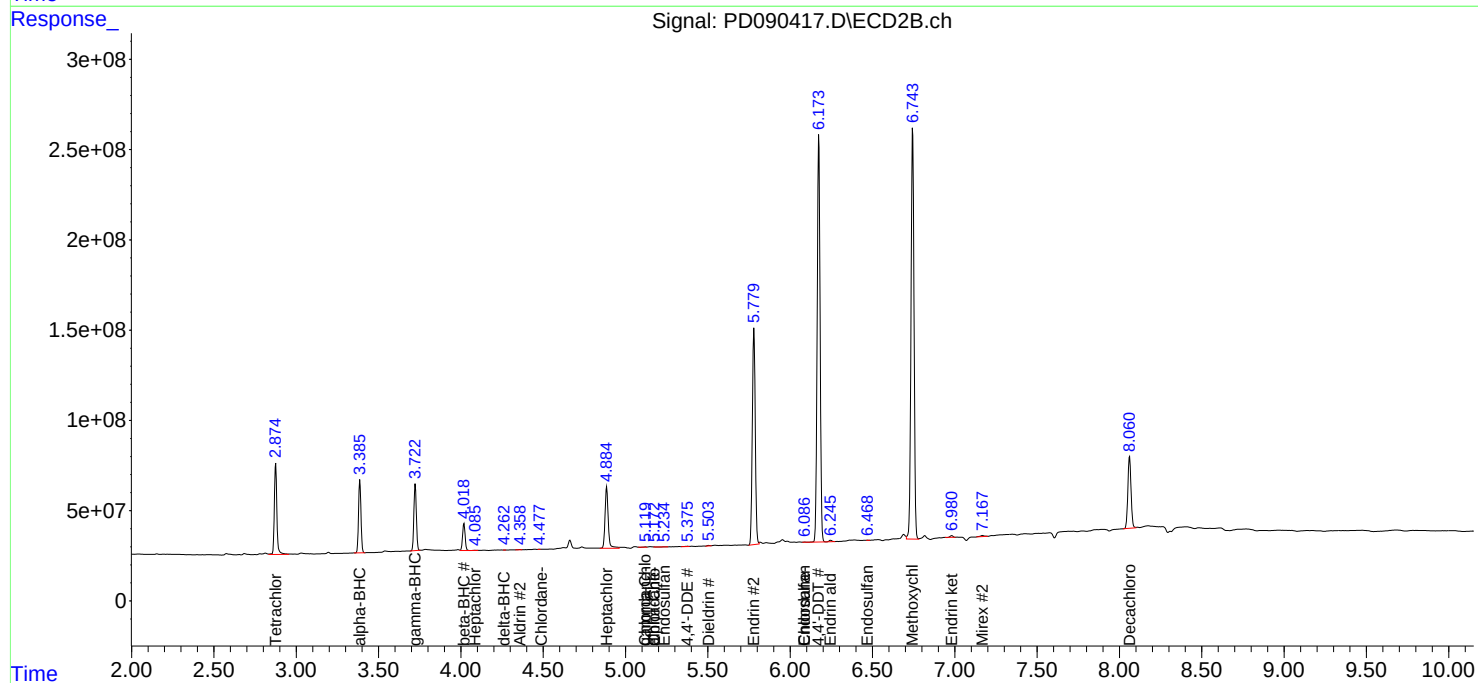
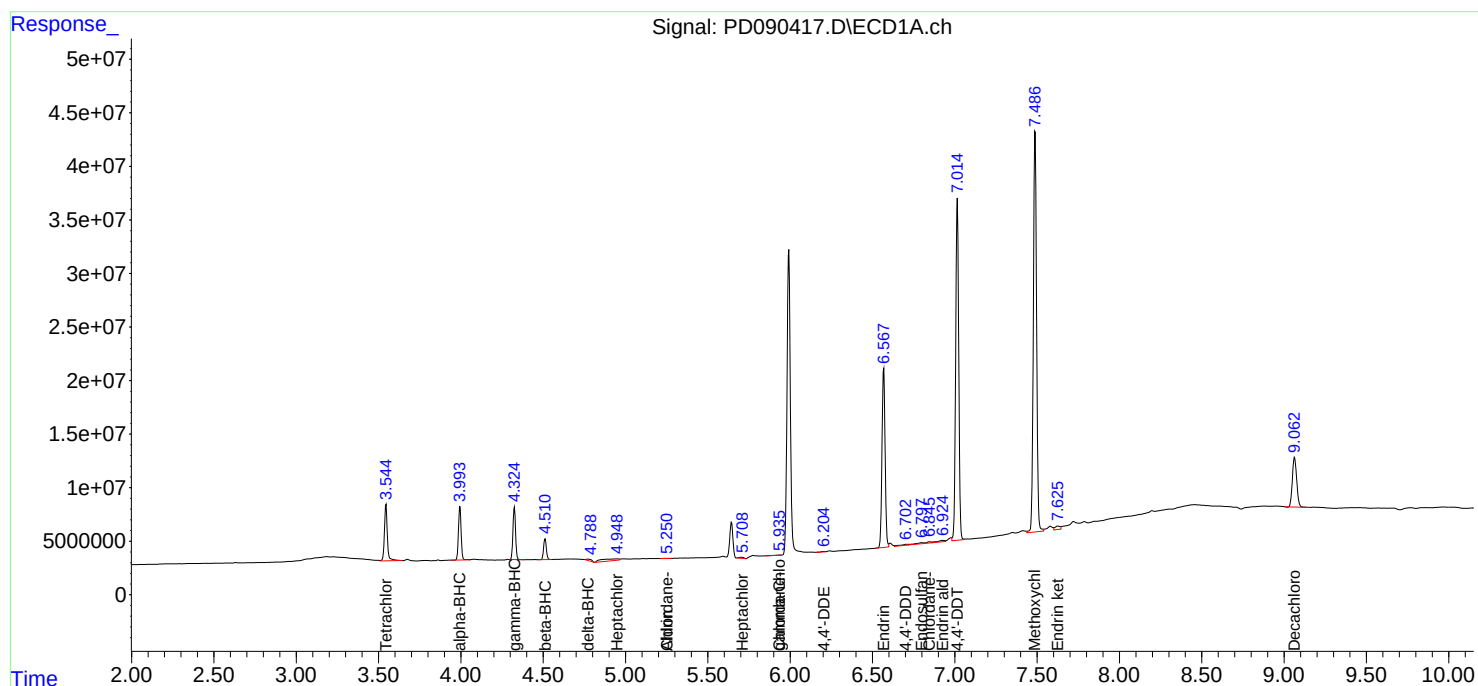
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

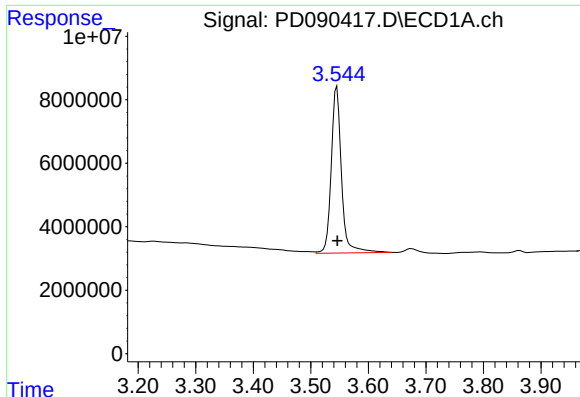
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090417.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 11:29
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:30:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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

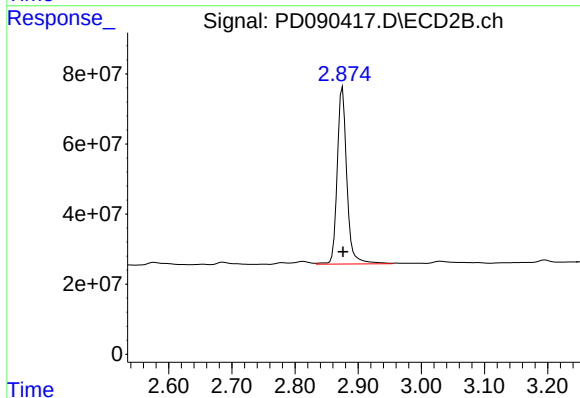




#1 Tetrachloro-m-xylene

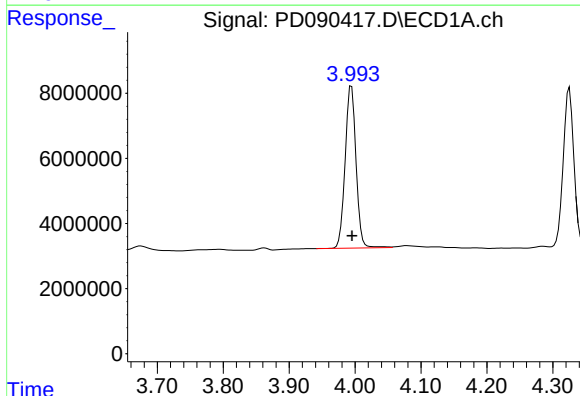
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 65121966
Conc: 20.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



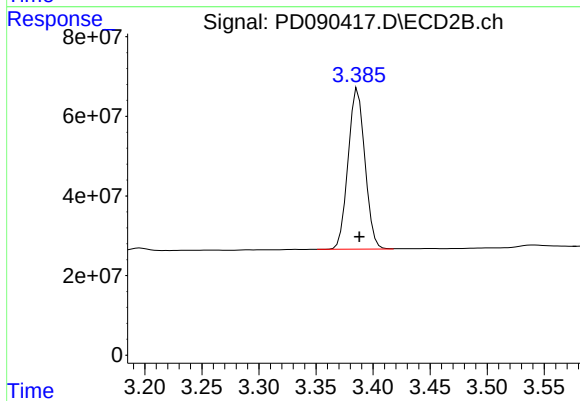
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 538019310
Conc: 19.60 ng/ml



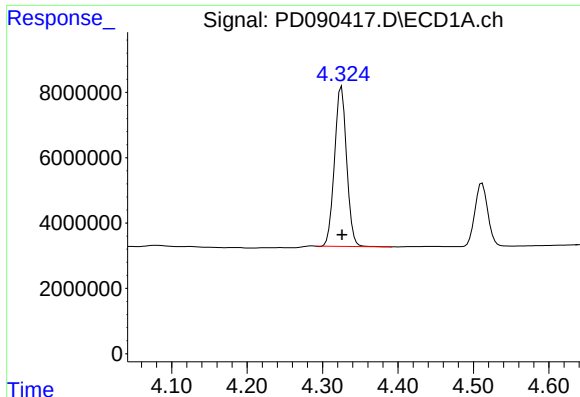
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 57250974
Conc: 8.20 ng/ml



#2 alpha-BHC

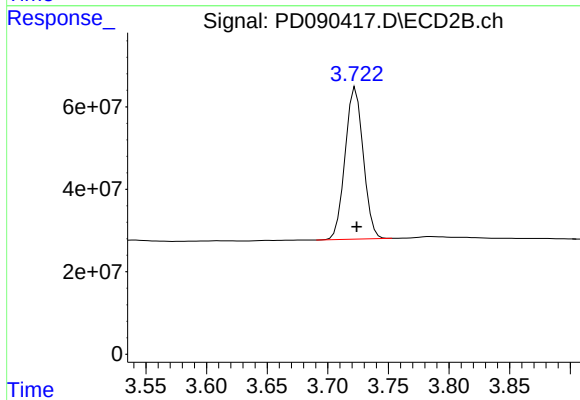
R.T.: 3.387 min
Delta R.T.: -0.001 min
Response: 412724541
Conc: 9.43 ng/ml



#3 gamma-BHC (Lindane)

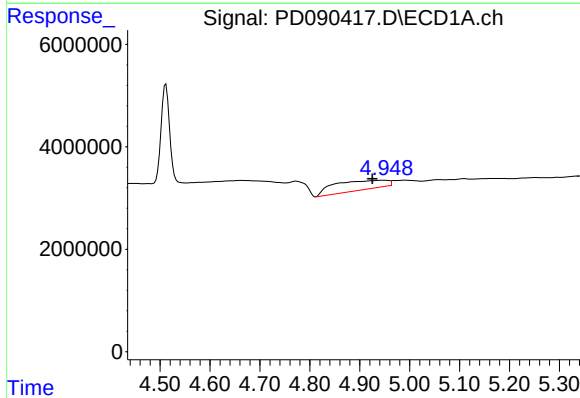
R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 54713335
Conc: 8.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



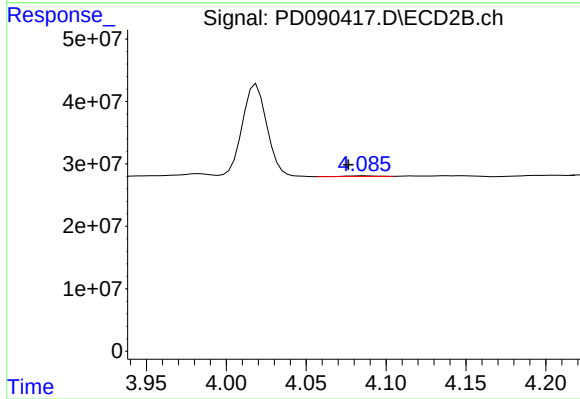
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 382726097
Conc: 9.40 ng/ml



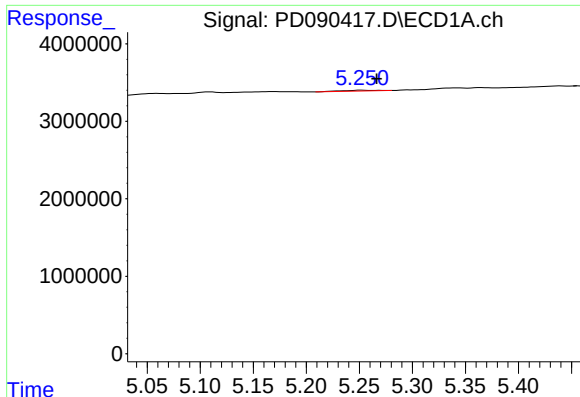
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.025 min
Response: 13683146
Conc: 2.07 ng/ml



#4 Heptachlor

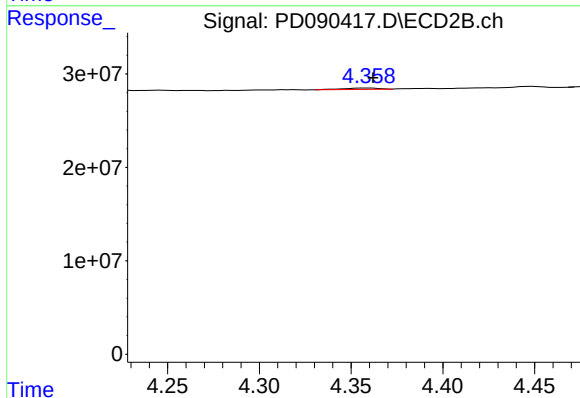
R.T.: 4.086 min
Delta R.T.: 0.010 min
Response: 1104801
Conc: 0.03 ng/ml



#5 Aldrin

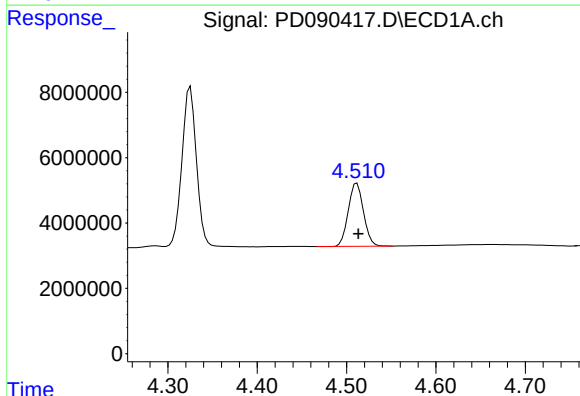
R.T.: 5.252 min
Delta R.T.: -0.015 min
Response: 263291
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



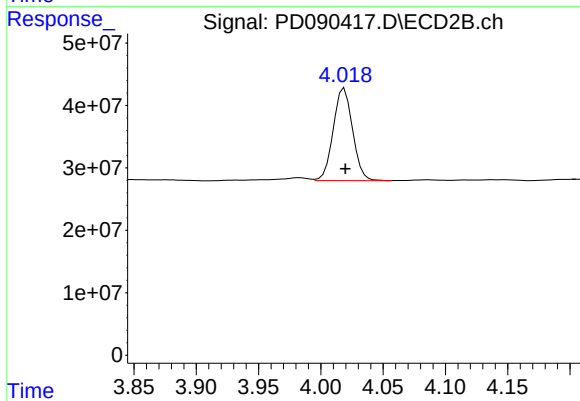
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 1801608
Conc: 0.05 ng/ml



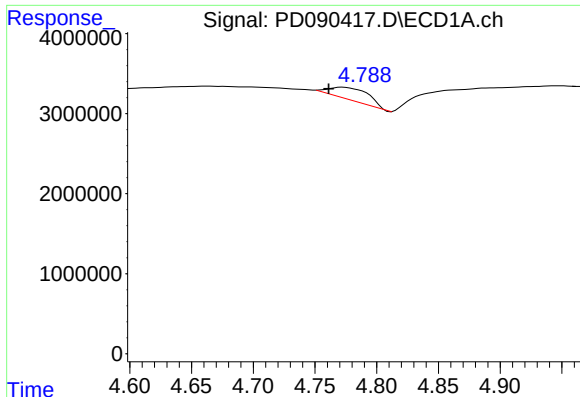
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: -0.002 min
Response: 22896347
Conc: 8.87 ng/ml



#6 beta-BHC

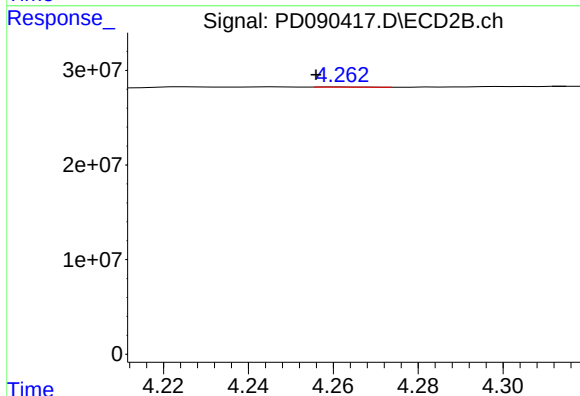
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 159617711
Conc: 9.21 ng/ml



#7 delta-BHC

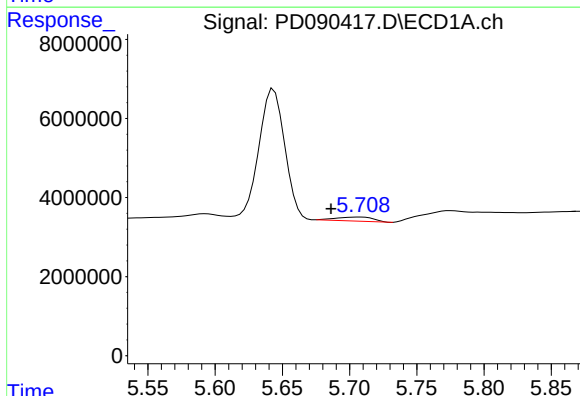
R.T.: 4.773 min
Delta R.T.: 0.011 min
Response: 3403401
Conc: 0.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



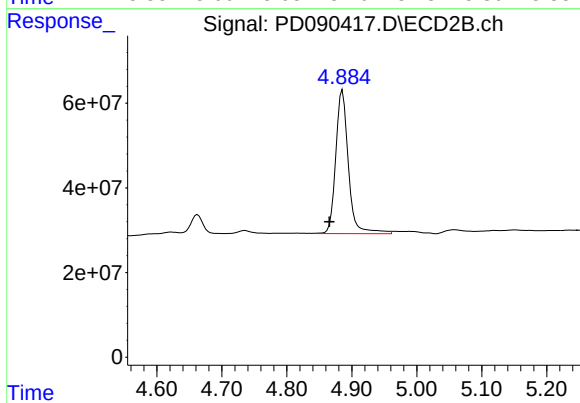
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.006 min
Response: 142121
Conc: 0.00 ng/ml



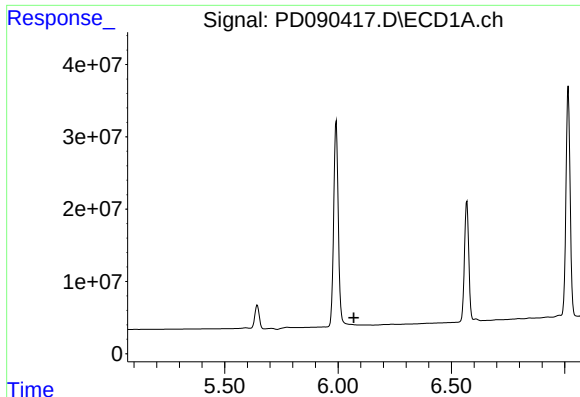
#8 Heptachlor epoxide

R.T.: 5.708 min
Delta R.T.: 0.022 min
Response: 1976034
Conc: 0.35 ng/ml



#8 Heptachlor epoxide

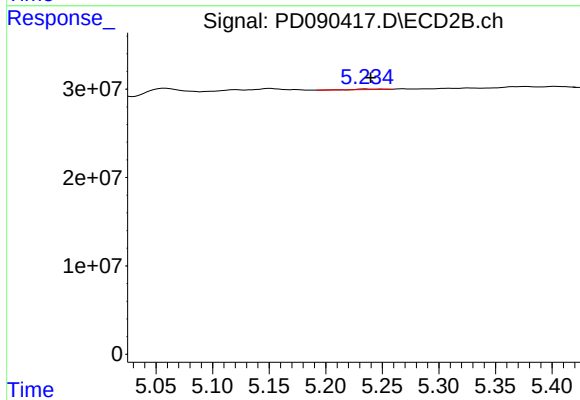
R.T.: 4.886 min
Delta R.T.: 0.020 min
Response: 458269049
Conc: 12.43 ng/ml



#9 Endosulfan I

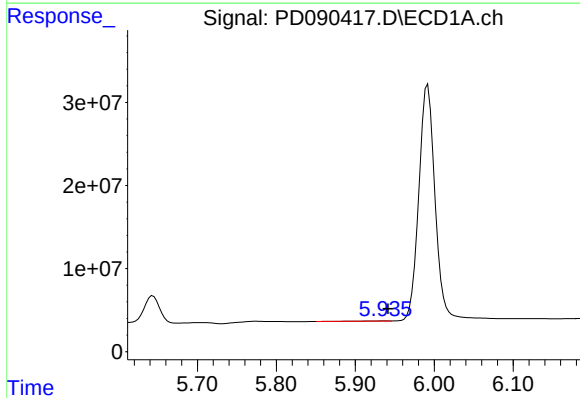
R.T.: 0.000 min
Exp R.T.: 6.070 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



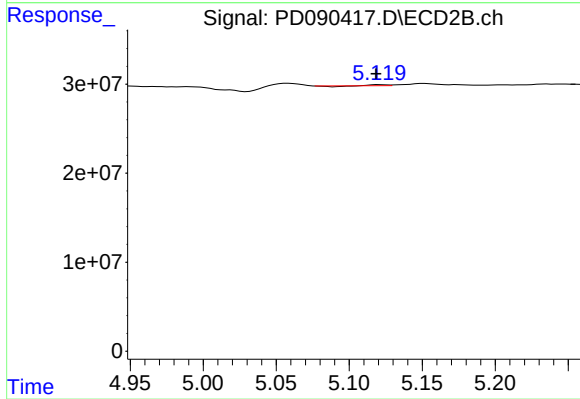
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: -0.005 min
Response: 910092
Conc: 0.03 ng/ml



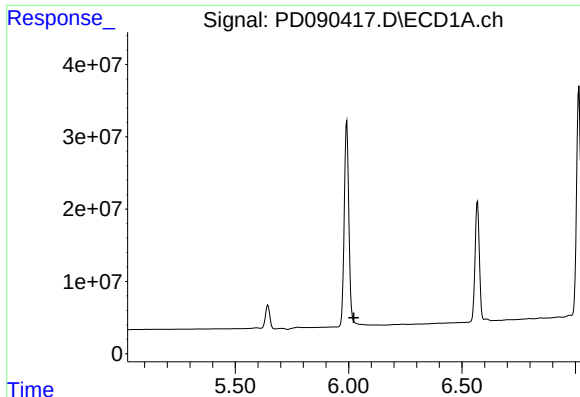
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.004 min
Response: 351246
Conc: 0.06 ng/ml



#10 gamma-Chlordane

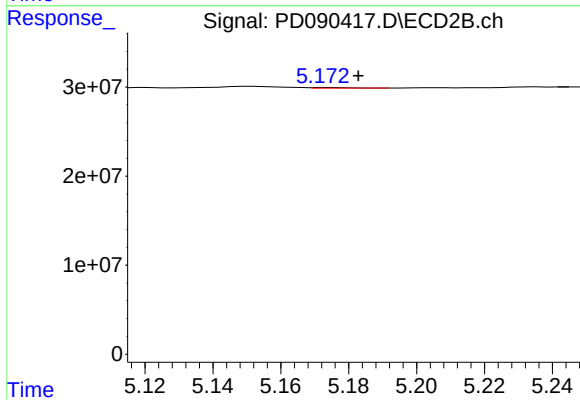
R.T.: 5.120 min
Delta R.T.: 0.002 min
Response: 41076
Conc: 0.00 ng/ml



#11 alpha-Chlordane

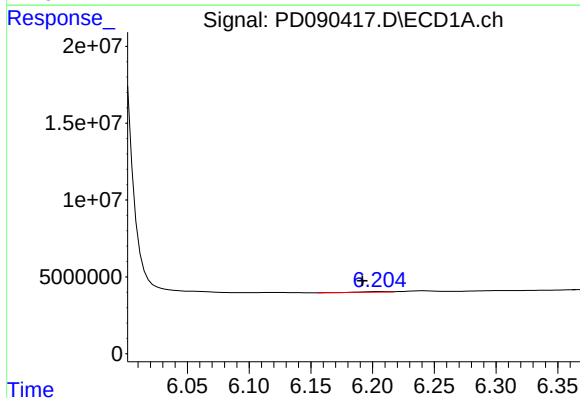
R.T.: 5.992 min
Delta R.T.: -0.031 min
Response: -105384676
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



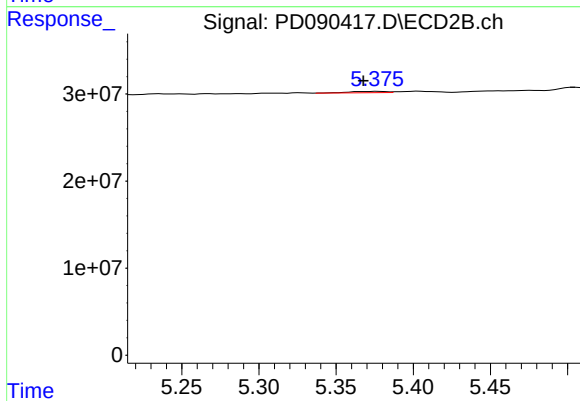
#11 alpha-Chlordane

R.T.: 5.174 min
Delta R.T.: -0.009 min
Response: 562195
Conc: 0.01 ng/ml



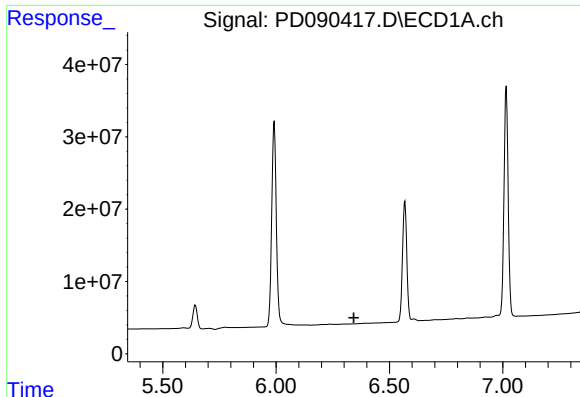
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.013 min
Response: 585616
Conc: 0.11 ng/ml



#12 4,4'-DDE

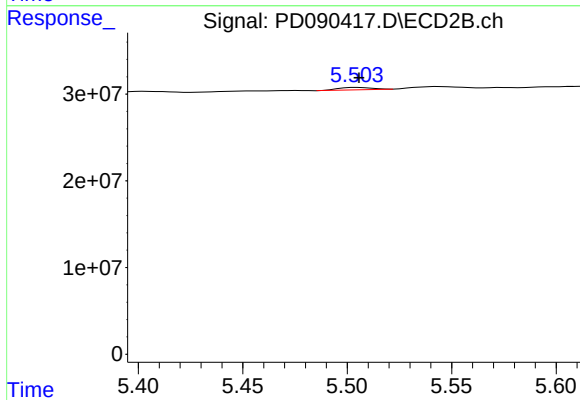
R.T.: 5.377 min
Delta R.T.: 0.009 min
Response: 2509885
Conc: 0.07 ng/ml



#13 Dieldrin

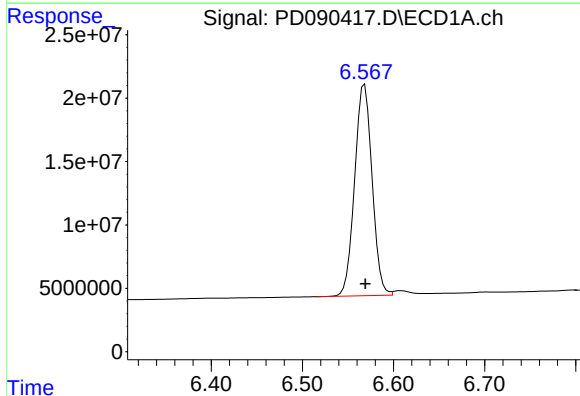
R.T.: 0.000 min
Exp R.T.: 6.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



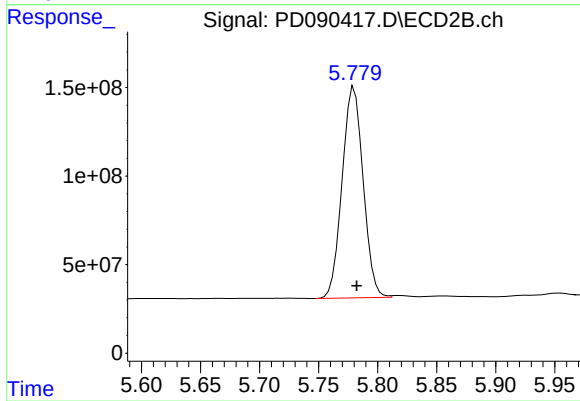
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 3068800
Conc: 0.08 ng/ml



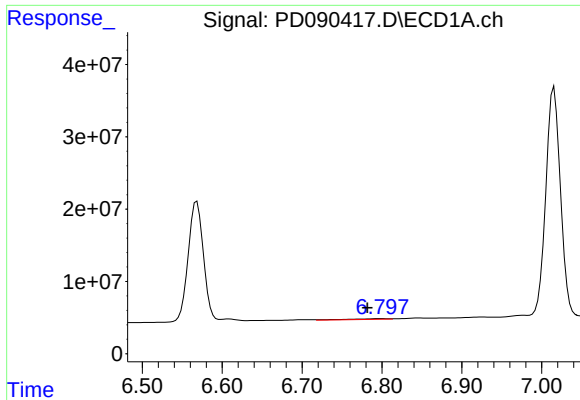
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.001 min
Response: 221303293
Conc: 45.22 ng/ml



#14 Endrin

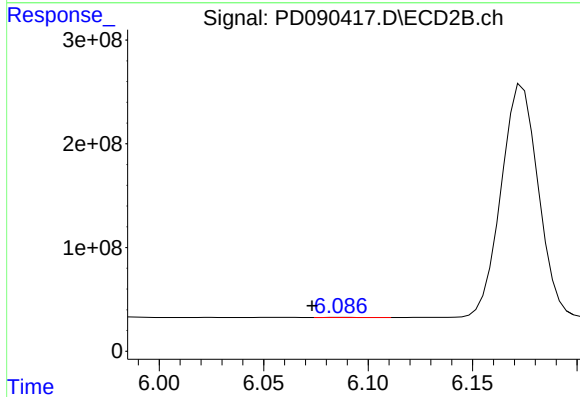
R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 1476922309
Conc: 41.22 ng/ml



#15 Endosulfan II

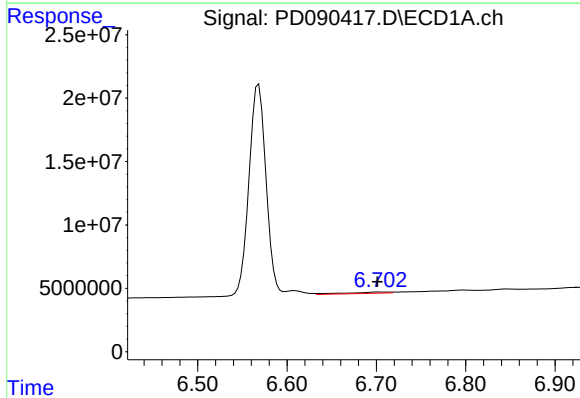
R.T.: 6.799 min
Delta R.T.: 0.017 min
Response: 3672678
Conc: 0.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



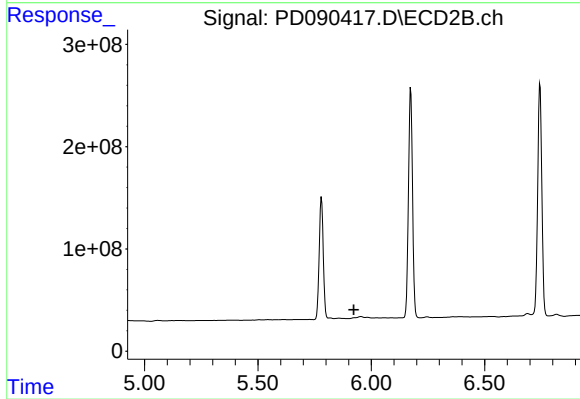
#15 Endosulfan II

R.T.: 6.087 min
Delta R.T.: 0.014 min
Response: 991472
Conc: 0.03 ng/ml



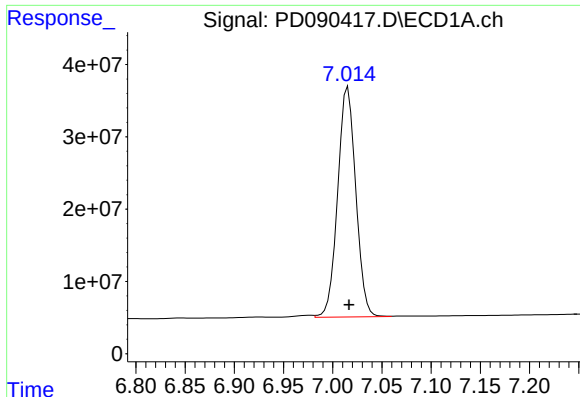
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: 0.002 min
Response: 3315918
Conc: 0.81 ng/ml



#16 4,4'-DDD

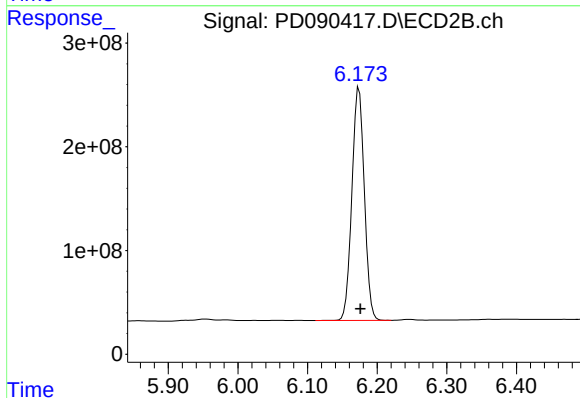
R.T.: 0.000 min
Exp R.T. : 5.922 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

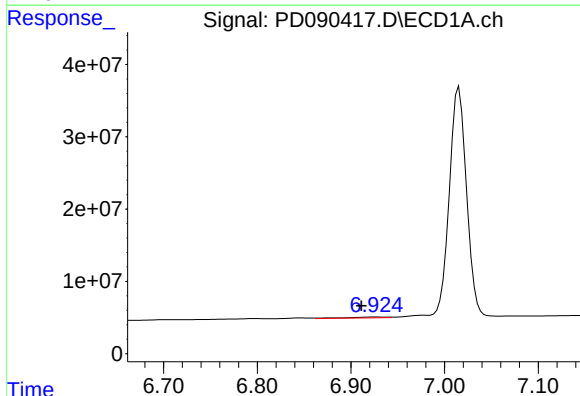
R.T.: 7.015 min
Delta R.T.: -0.001 min
Response: 407277840
Conc: 91.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



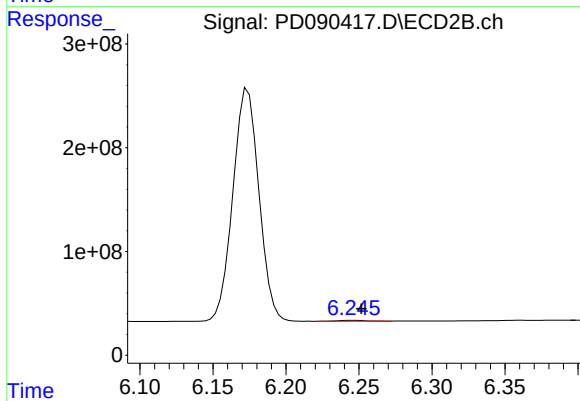
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 2788064185
Conc: 81.10 ng/ml



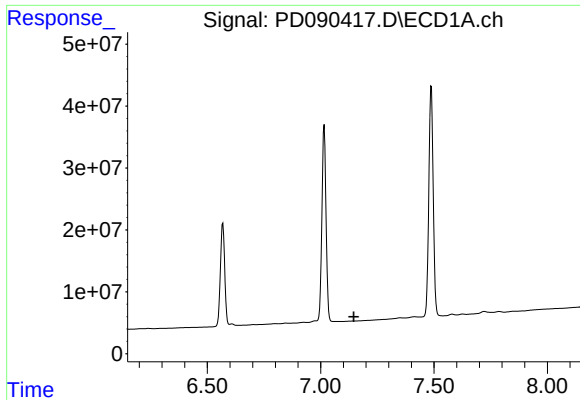
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.015 min
Response: 3782885
Conc: 1.10 ng/ml



#18 Endrin aldehyde

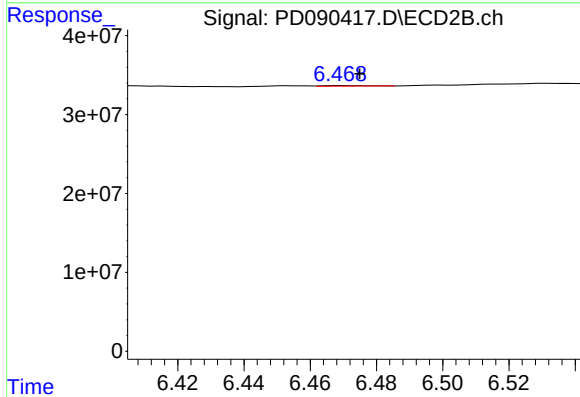
R.T.: 6.246 min
Delta R.T.: -0.006 min
Response: 10432500
Conc: 0.44 ng/ml



#19 Endosulfan Sulfate

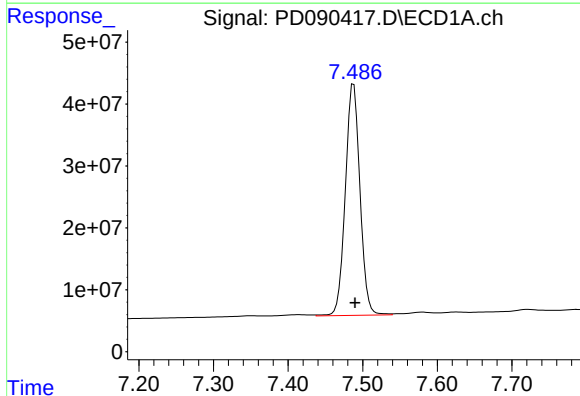
R.T.: 0.000 min
Exp R.T.: 7.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



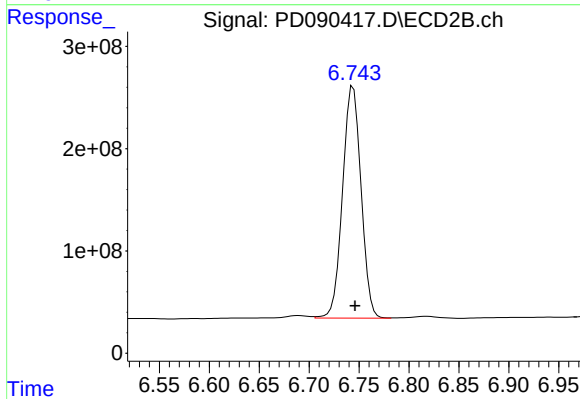
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: -0.005 min
Response: 631876
Conc: 0.02 ng/ml



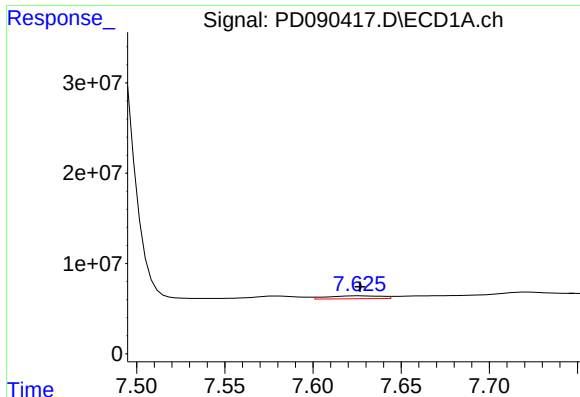
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: -0.002 min
Response: 509468926
Conc: 216.20 ng/ml



#20 Methoxychlor

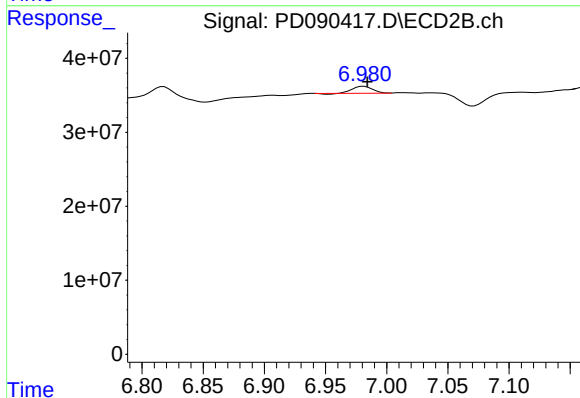
R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 2928187638
Conc: 168.28 ng/ml



#21 Endrin ketone

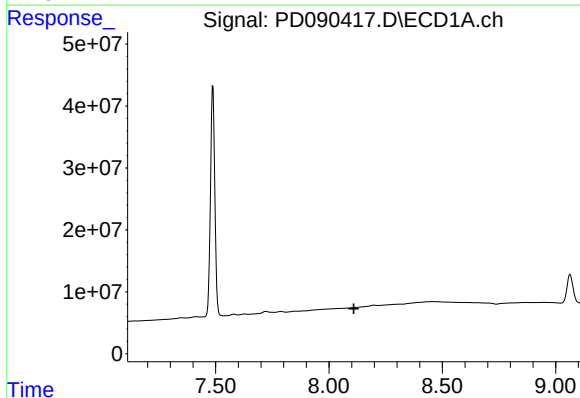
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 6788648
Conc: 1.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



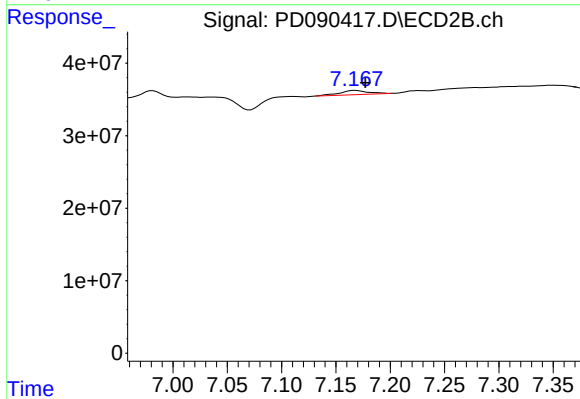
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.003 min
Response: 10535455
Conc: 0.29 ng/ml



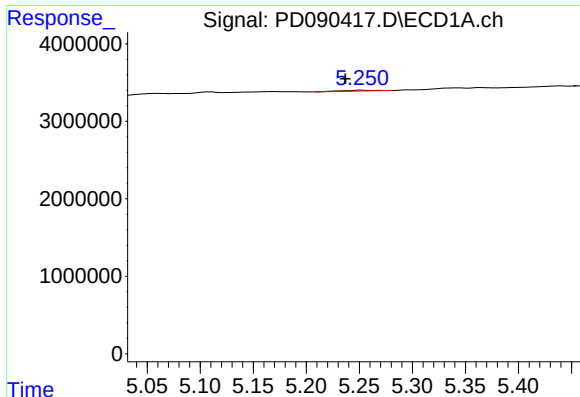
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.109 min
Response: 0
Conc: N.D.



#22 Mirex

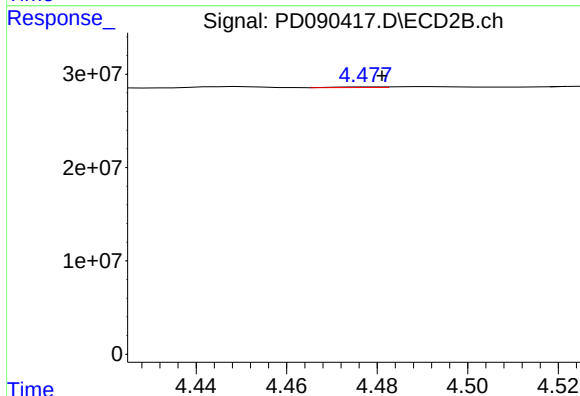
R.T.: 7.168 min
Delta R.T.: -0.009 min
Response: 10858282
Conc: 0.39 ng/ml



#24 Chlordane-2

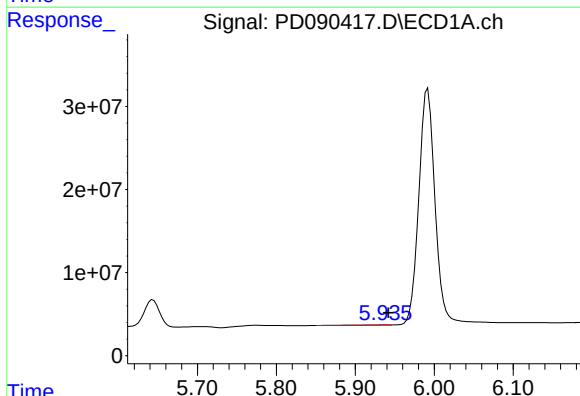
R.T.: 5.252 min
Delta R.T.: 0.015 min
Response: 263291
Conc: 1.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



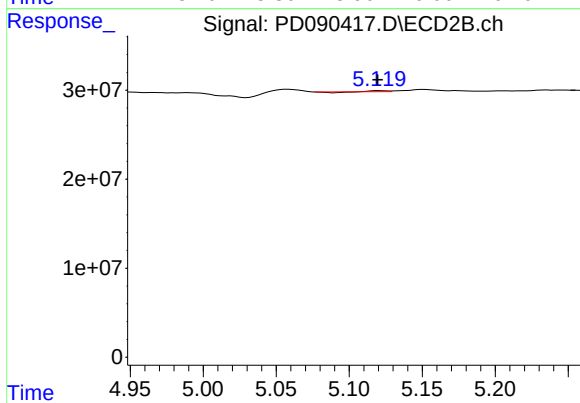
#24 Chlordane-2

R.T.: 4.478 min
Delta R.T.: -0.003 min
Response: 468116
Conc: 0.37 ng/ml



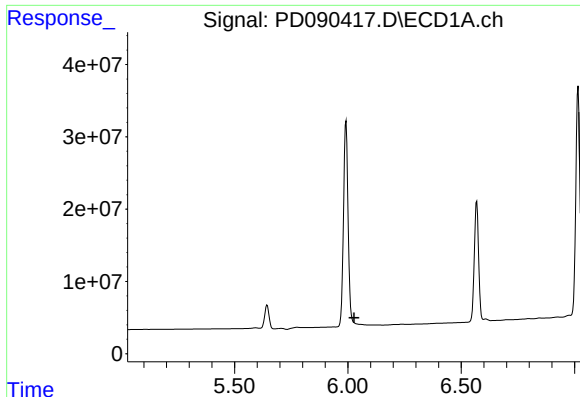
#25 Chlordane-3

R.T.: 5.937 min
Delta R.T.: -0.005 min
Response: 351246
Conc: 0.42 ng/ml



#25 Chlordane-3

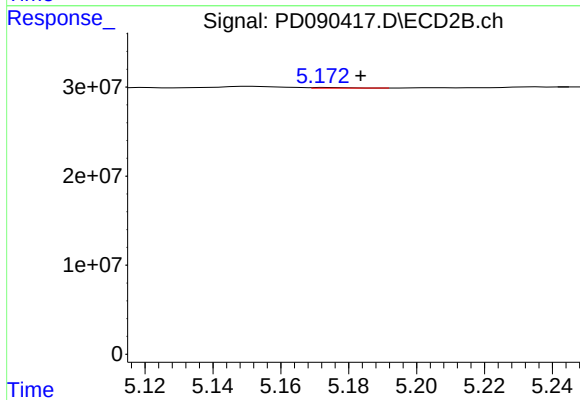
R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 41076
Conc: 0.01 ng/ml



#26 Chlordane-4

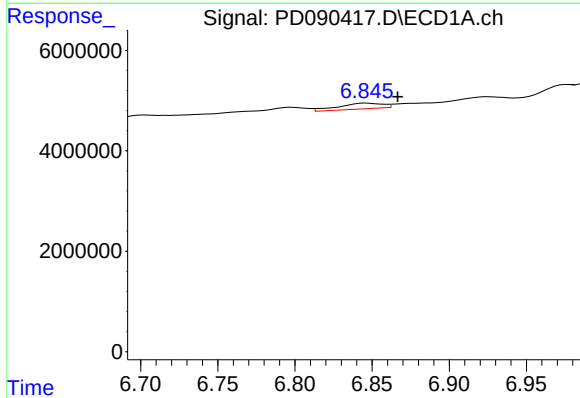
R.T.: 0.000 min
Exp R.T.: 6.027 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



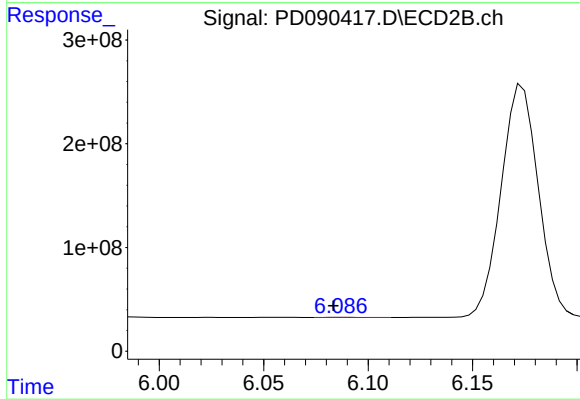
#26 Chlordane-4

R.T.: 5.174 min
Delta R.T.: -0.009 min
Response: 562195
Conc: 0.17 ng/ml



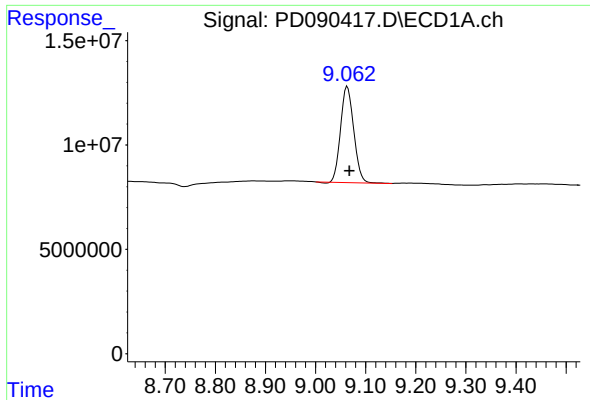
#27 Chlordane-5

R.T.: 6.846 min
Delta R.T.: -0.020 min
Response: 2254588
Conc: 12.66 ng/ml



#27 Chlordane-5

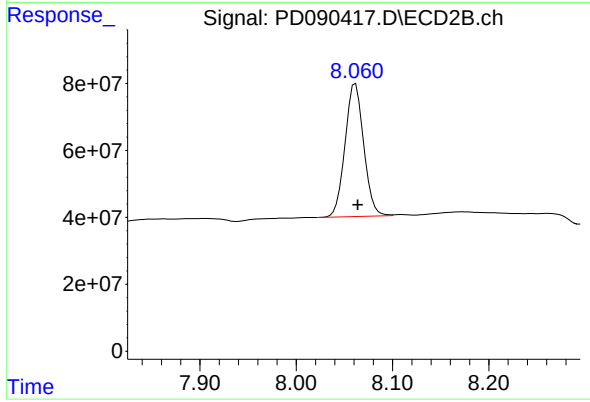
R.T.: 6.087 min
Delta R.T.: 0.004 min
Response: 991472
Conc: 0.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.004 min
Response: 84492393
Conc: 17.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 532310167
Conc: 16.42 ng/ml