

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112525\
 Data File : PD091349.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2025 17:32
 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: Nov 26 00:05:14 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	2.872	69179477	812.0E6	20.060	22.167
28)	SA Decachlor...	9.059	8.055	99681836	880.3E6	20.009	22.245
Target Compounds							
2)	A alpha-BHC	3.990	3.383	67679740	683.6E6	8.465	10.816 #
3)	MA gamma-BHC...	4.321	3.719	65180941	629.7E6	8.722	10.891
4)	MA Heptachlor	4.938f	4.069	1226680	2458792	0.171	0.045 #
5)	MB Aldrin	0.000	4.356	0	4037448	N.D.	0.072 #
6)	B beta-BHC	4.508	4.015	27450745	267.2E6	9.448	11.123
7)	B delta-BHC	4.767	4.259	2073821	980852	0.279	0.017 #
8)	B Heptachlo...	5.661f	4.858	1810861	2114484	0.279	0.041 #
9)	A Endosulfan I	0.000	5.223	0	1088467	N.D.	0.023 #
10)	B gamma-Chl...	5.905f	5.113	2694985	44677588	0.415	0.818 #
11)	B alpha-Chl...	5.992f	5.164f	4739786	2607291	0.689	0.050 #
12)	B 4,4'-DDE	6.185	5.361	1315345	15749103	0.227	0.295 #
13)	MA Dieldrin	6.359f	5.501	2929219	221359	0.453	0.004 #
14)	MA Endrin	6.564	5.775	226.0E6	2338.0E6	45.528	51.734
15)	B Endosulfa...	6.801f	6.071	4852204	26124553	0.873	0.560 #
16)	A 4,4'-DDD	6.696	5.915	25378619	316.6E6	5.167	6.480 #
17)	MA 4,4'-DDT	7.011	6.168	370.5E6	4097.3E6	89.597	104.702
18)	B Endrin al...	6.906	6.244	4322277	52435562	1.038	1.486 #
19)	B Endosulfa...	7.109f	6.447f	157596	6956148	0.031	0.155 #
20)	A Methoxychlor	7.484	6.739	442.0E6	4037.6E6	203.303	201.362
21)	B Endrin ke...	7.621	6.976	16043183	187.3E6	2.848	3.676 #
22)	Mirex	8.106	7.163	203109	5436548	0.057	0.164 #
23)	Chlordane-1	0.000	3.891	0	890674	N.D.	0.518 #
24)	Chlordane-2	0.000	4.479	0	10495300	N.D.	5.994 #
25)	Chlordane-3	0.000	5.113	0	44677588	N.D.	7.765 #
26)	Chlordane-4	0.000	5.164	0	2607291	N.D.	0.545 #
27)	Chlordane-5	0.000	6.071	0	26124553	N.D.	12.874 #

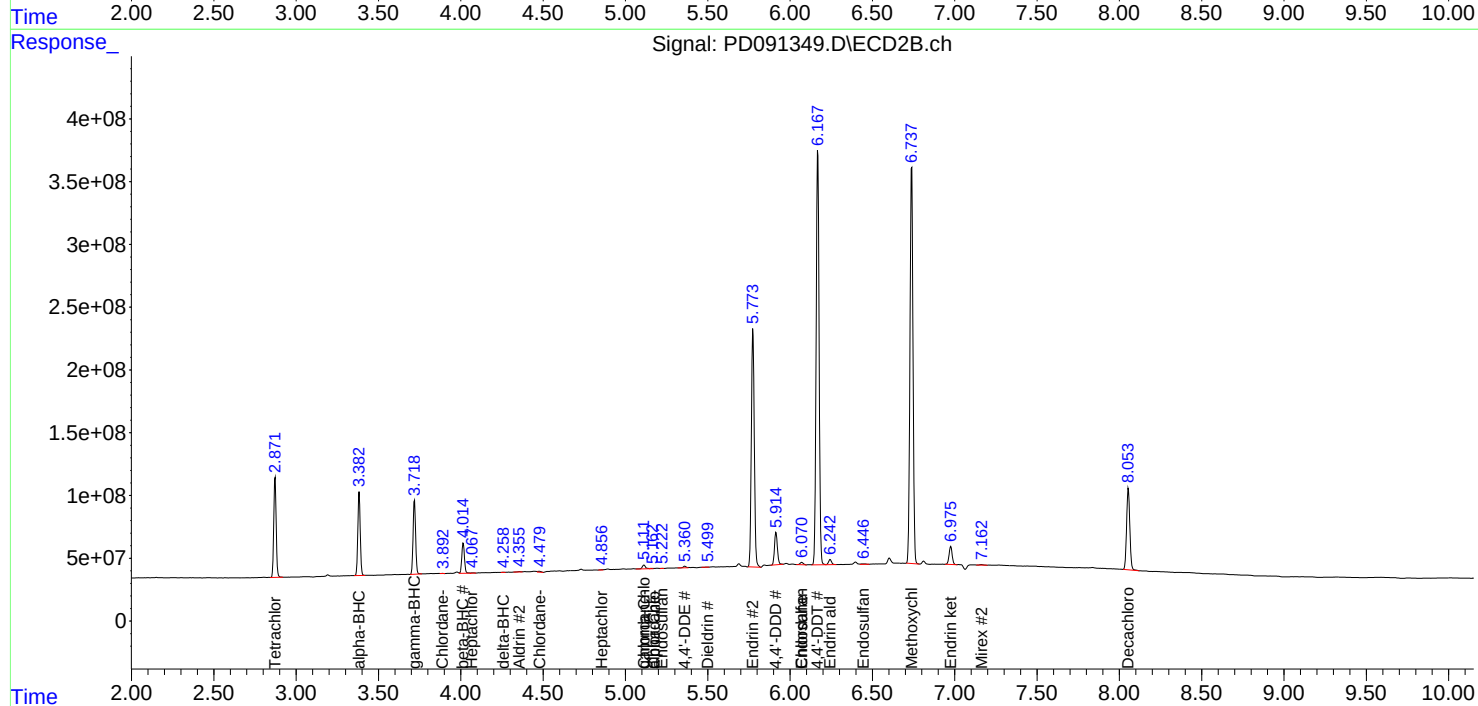
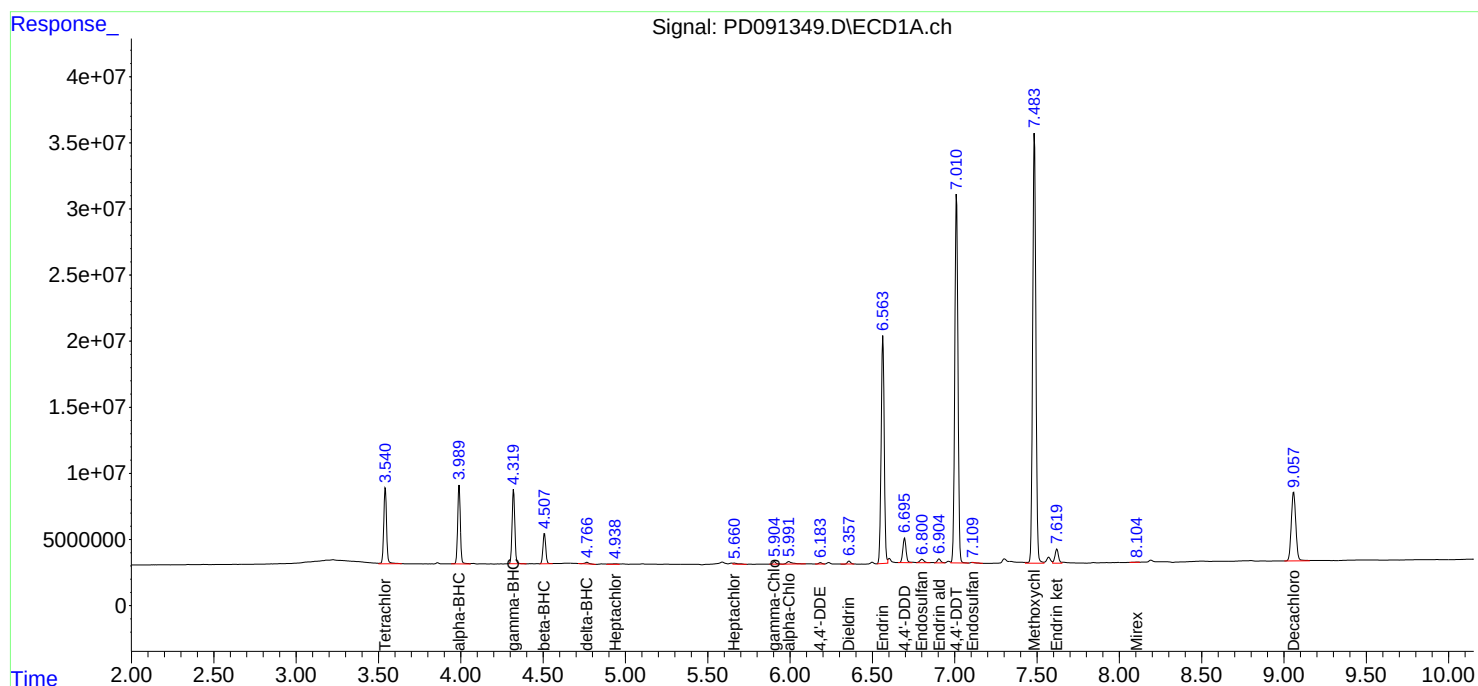
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

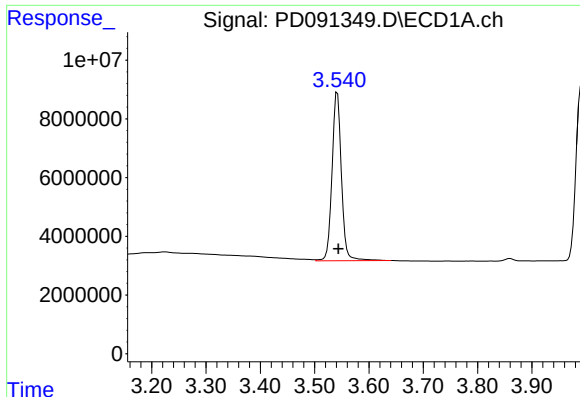
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD11525\
Data File : PD091349.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 17:32
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 00:05:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD11525.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

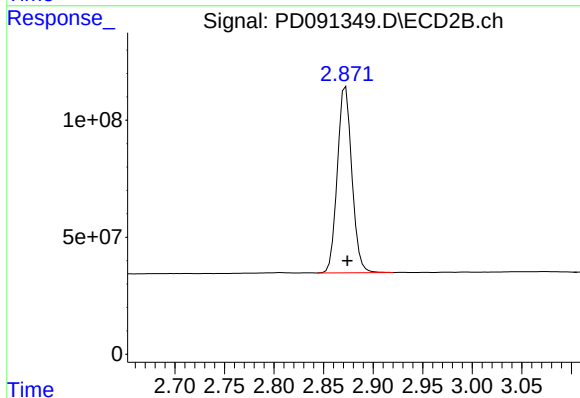




#1 Tetrachloro-m-xylene

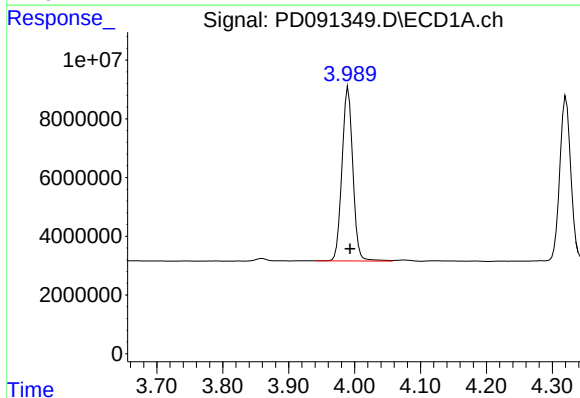
R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 69179477
Conc: 20.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



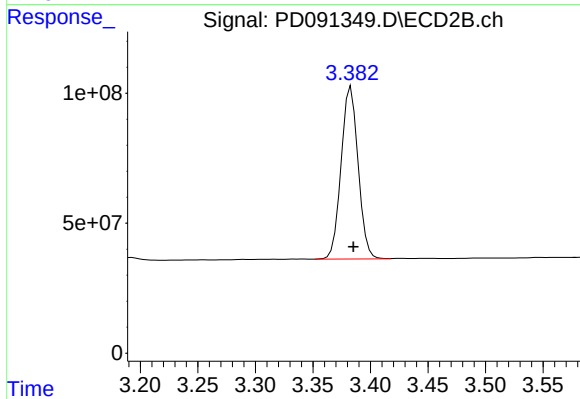
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 811986186
Conc: 22.17 ng/ml



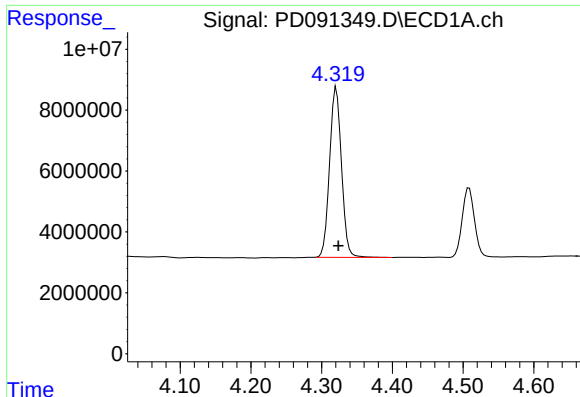
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.003 min
Response: 67679740
Conc: 8.46 ng/ml



#2 alpha-BHC

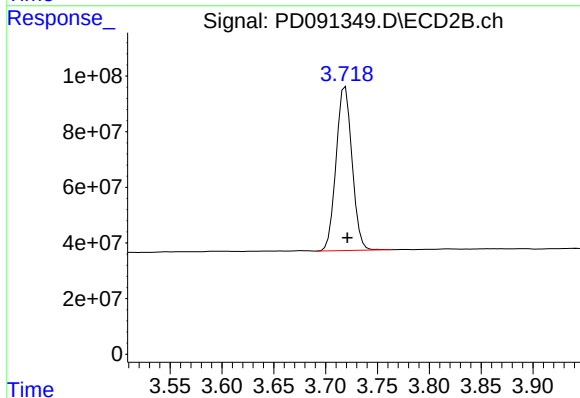
R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 683618320
Conc: 10.82 ng/ml



#3 gamma-BHC (Lindane)

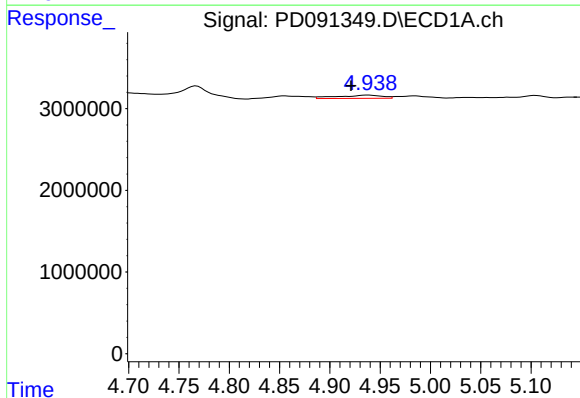
R.T.: 4.321 min
Delta R.T.: -0.003 min
Response: 65180941
Conc: 8.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



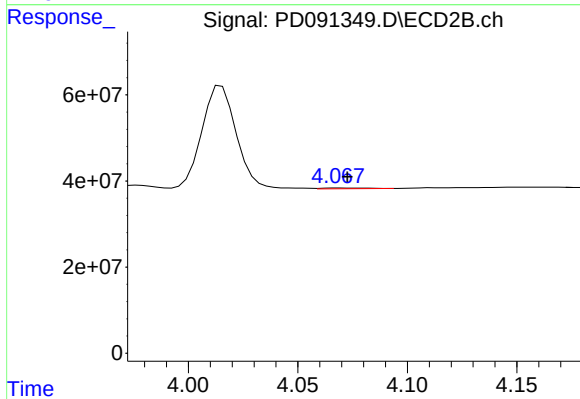
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 629735952
Conc: 10.89 ng/ml



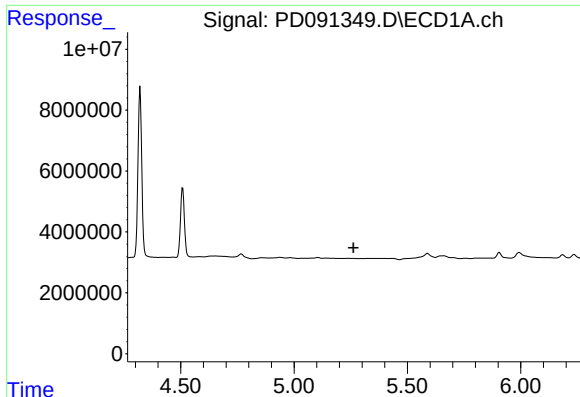
#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: 0.017 min
Response: 1226680
Conc: 0.17 ng/ml



#4 Heptachlor

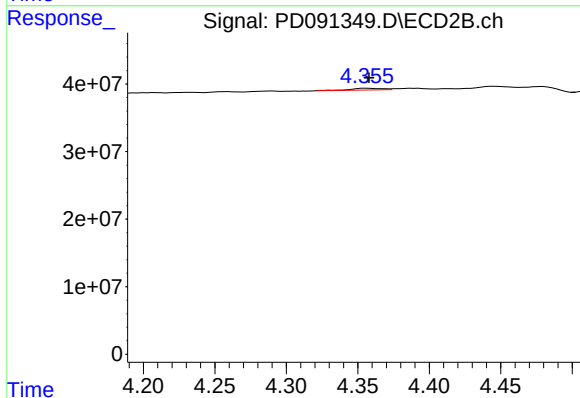
R.T.: 4.069 min
Delta R.T.: -0.004 min
Response: 2458792
Conc: 0.04 ng/ml



#5 Aldrin

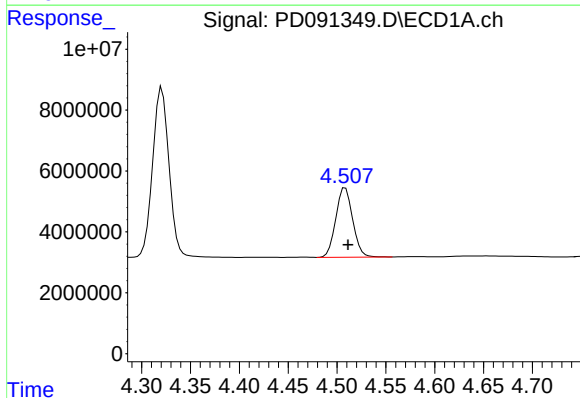
R.T.: 0.000 min
Exp R.T.: 5.262 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



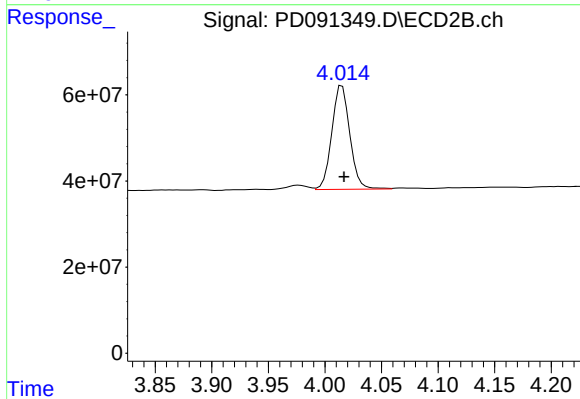
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 4037448
Conc: 0.07 ng/ml



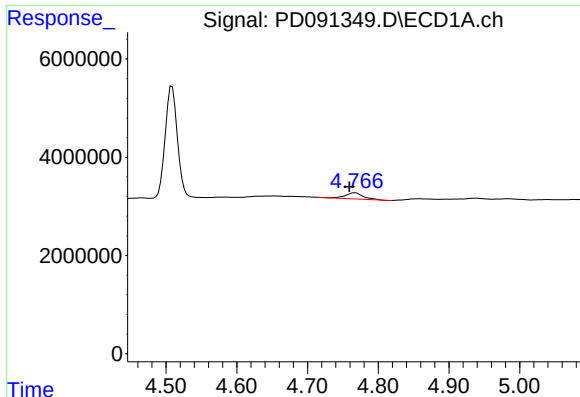
#6 beta-BHC

R.T.: 4.508 min
Delta R.T.: -0.003 min
Response: 27450745
Conc: 9.45 ng/ml



#6 beta-BHC

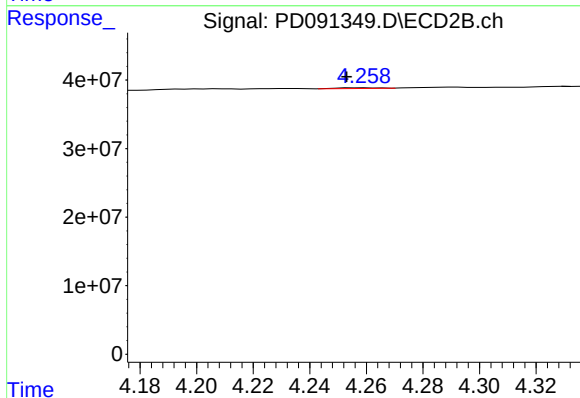
R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 267246909
Conc: 11.12 ng/ml



#7 delta-BHC

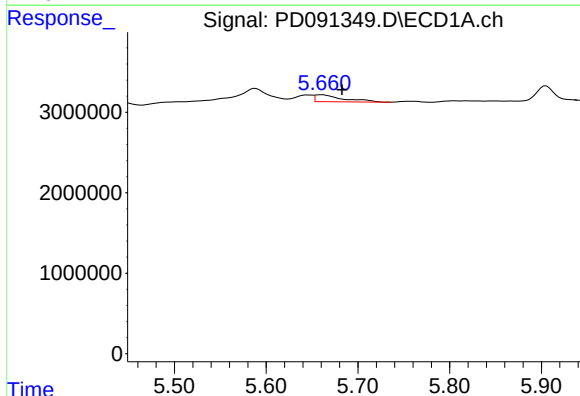
R.T.: 4.767 min
Delta R.T.: 0.008 min
Response: 2073821
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :



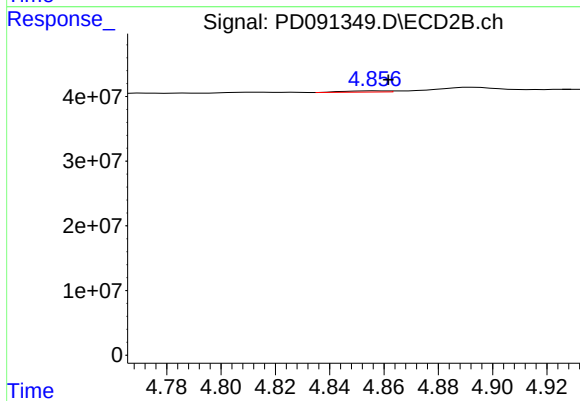
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.006 min
Response: 980852
Conc: 0.02 ng/ml



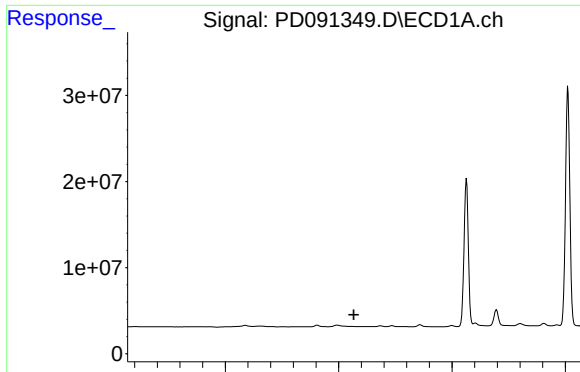
#8 Heptachlor epoxide

R.T.: 5.661 min
Delta R.T.: -0.022 min
Response: 1810861
Conc: 0.28 ng/ml



#8 Heptachlor epoxide

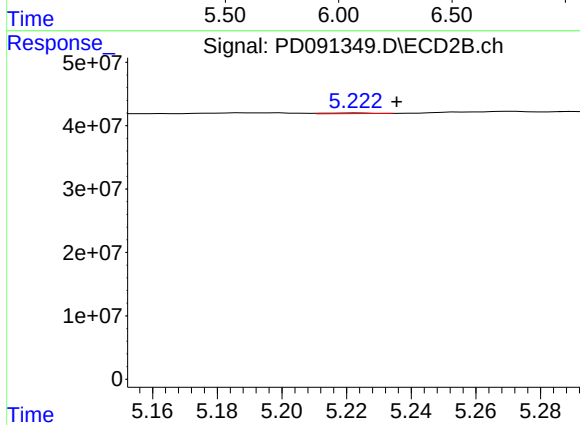
R.T.: 4.858 min
Delta R.T.: -0.004 min
Response: 2114484
Conc: 0.04 ng/ml



#9 Endosulfan I

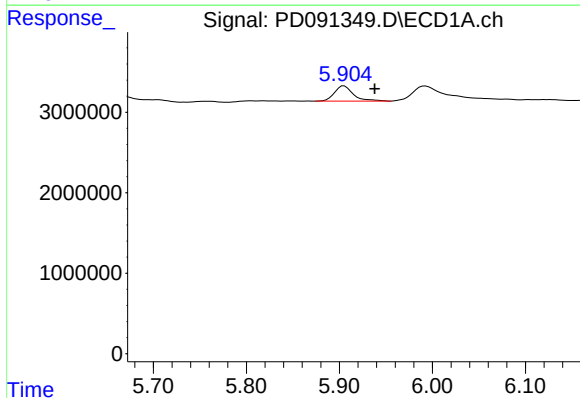
R.T.: 0.000 min
Exp R.T.: 6.066 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



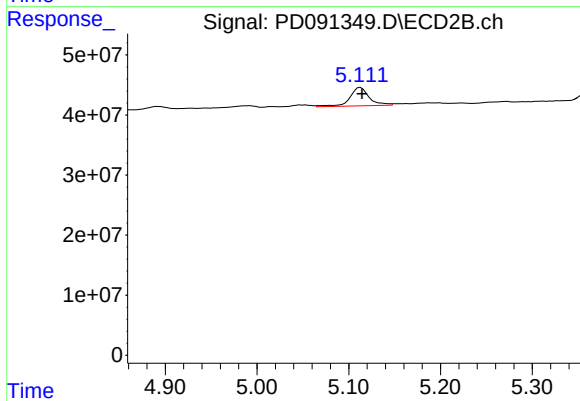
#9 Endosulfan I

R.T.: 5.223 min
Delta R.T.: -0.012 min
Response: 1088467
Conc: 0.02 ng/ml



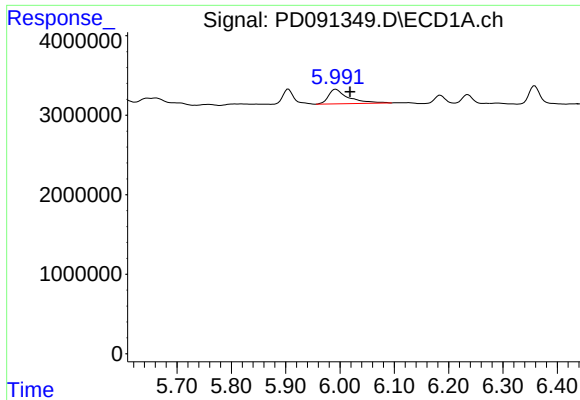
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: -0.033 min
Response: 2694985
Conc: 0.41 ng/ml



#10 gamma-Chlordane

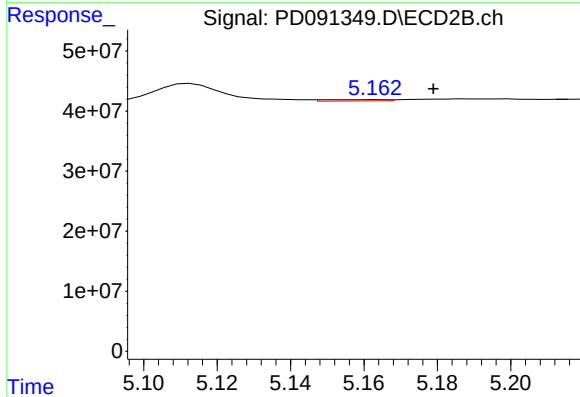
R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 44677588
Conc: 0.82 ng/ml



#11 alpha-Chlordane

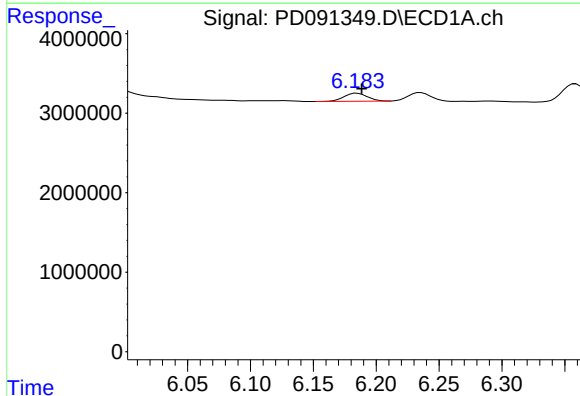
R.T.: 5.992 min
Delta R.T.: -0.026 min
Response: 4739786
Conc: 0.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



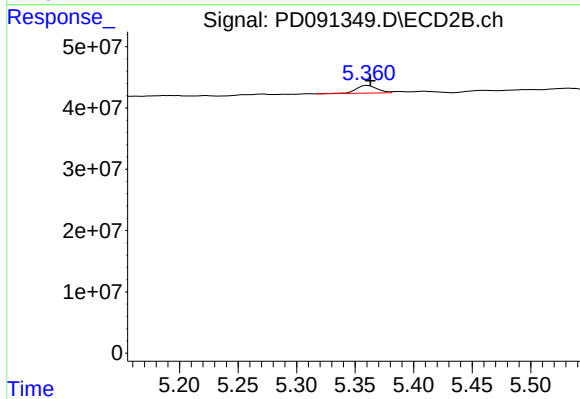
#11 alpha-Chlordane

R.T.: 5.164 min
Delta R.T.: -0.015 min
Response: 2607291
Conc: 0.05 ng/ml



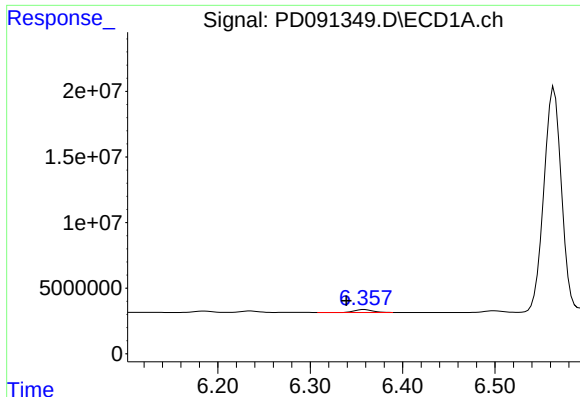
#12 4,4'-DDE

R.T.: 6.185 min
Delta R.T.: -0.004 min
Response: 1315345
Conc: 0.23 ng/ml



#12 4,4'-DDE

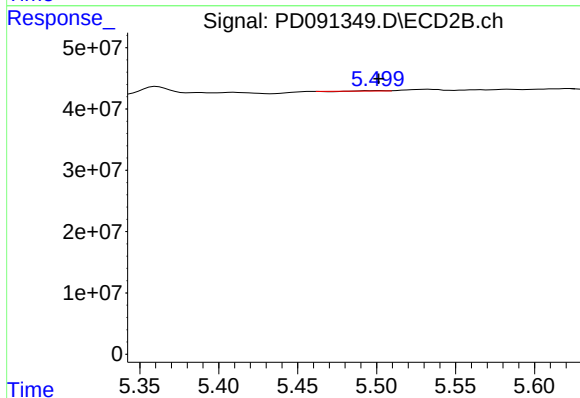
R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 15749103
Conc: 0.29 ng/ml



#13 Dieldrin

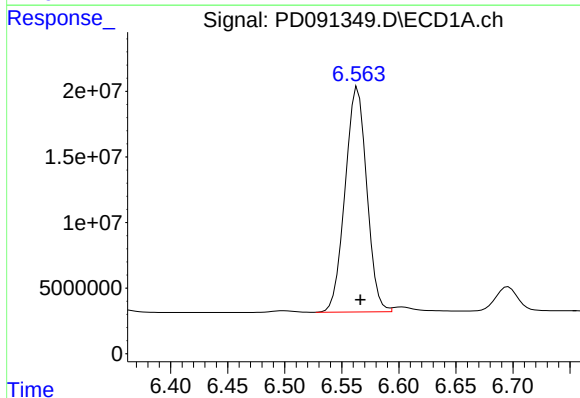
R.T.: 6.359 min
Delta R.T.: 0.020 min
Response: 2929219
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :



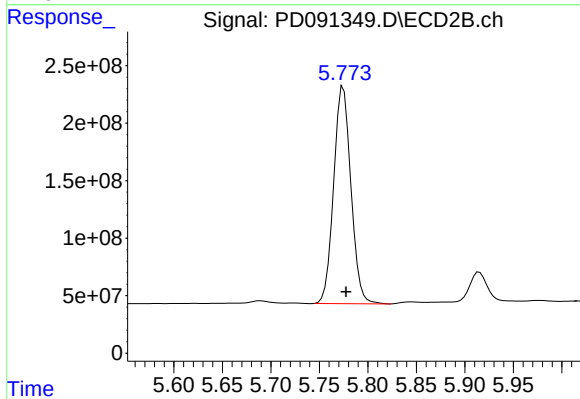
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 221359
Conc: 0.00 ng/ml



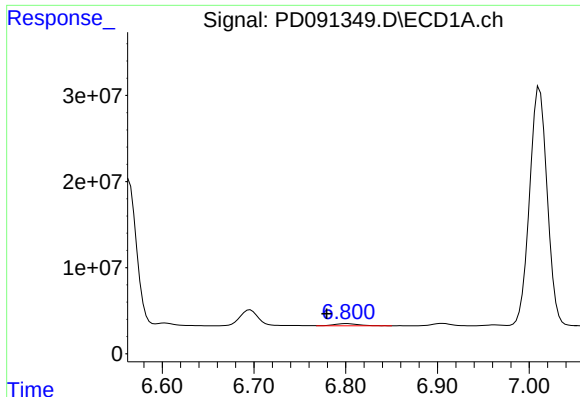
#14 Endrin

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 225975994
Conc: 45.53 ng/ml



#14 Endrin

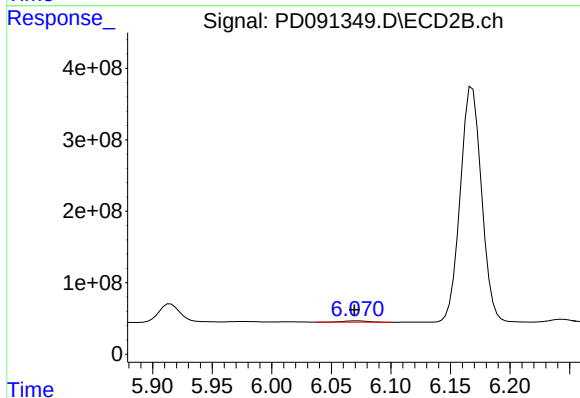
R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 2337995115
Conc: 51.73 ng/ml



#15 Endosulfan II

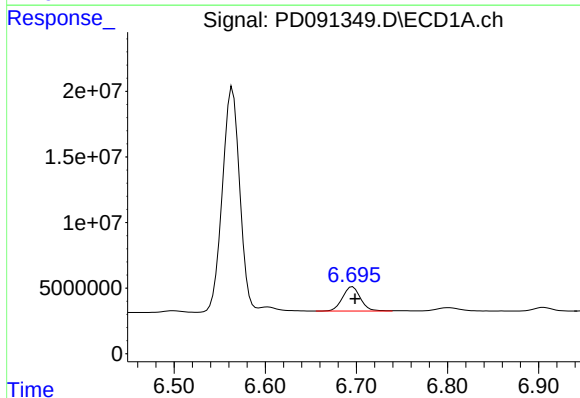
R.T.: 6.801 min
Delta R.T.: 0.022 min
Response: 4852204
Conc: 0.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



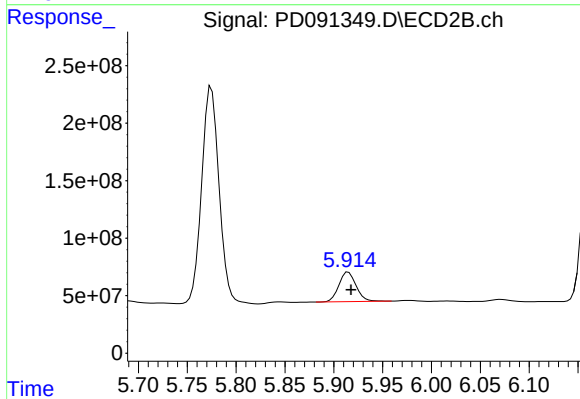
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 26124553
Conc: 0.56 ng/ml



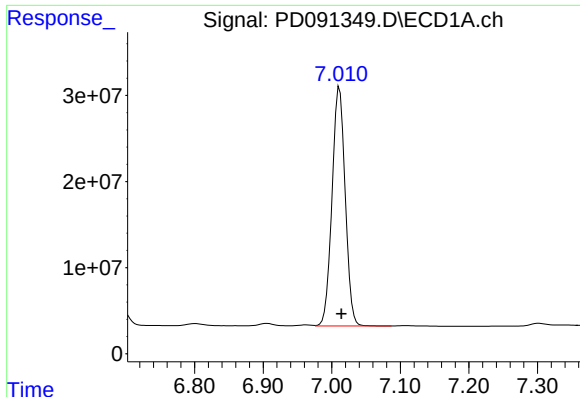
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: -0.003 min
Response: 25378619
Conc: 5.17 ng/ml



#16 4,4'-DDD

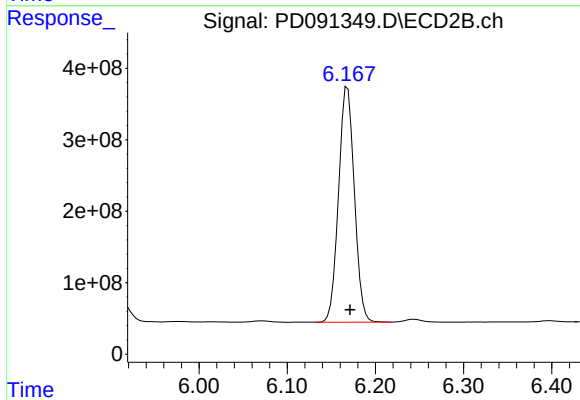
R.T.: 5.915 min
Delta R.T.: -0.003 min
Response: 316646583
Conc: 6.48 ng/ml



#17 4,4'-DDT

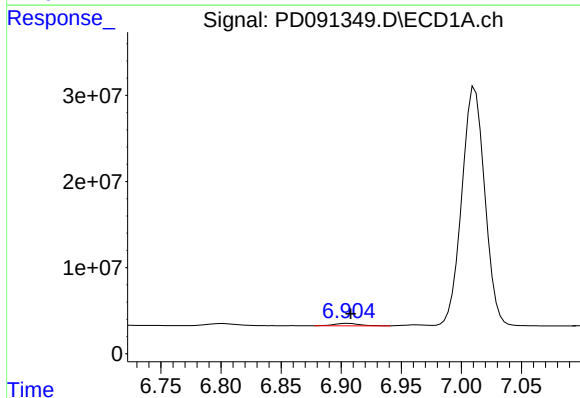
R.T.: 7.011 min
Delta R.T.: -0.003 min
Response: 370530332
Conc: 89.60 ng/ml

Instrument :
ECD_D
ClientSampleId :



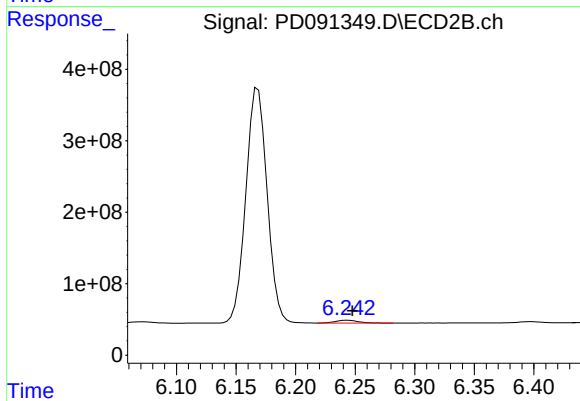
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: -0.003 min
Response: 4097264626
Conc: 104.70 ng/ml



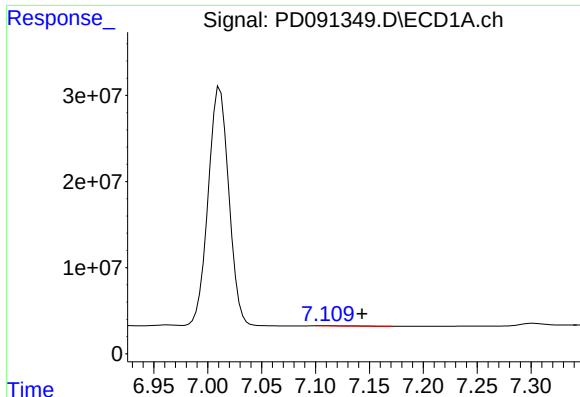
#18 Endrin aldehyde

R.T.: 6.906 min
Delta R.T.: -0.003 min
Response: 4322277
Conc: 1.04 ng/ml



#18 Endrin aldehyde

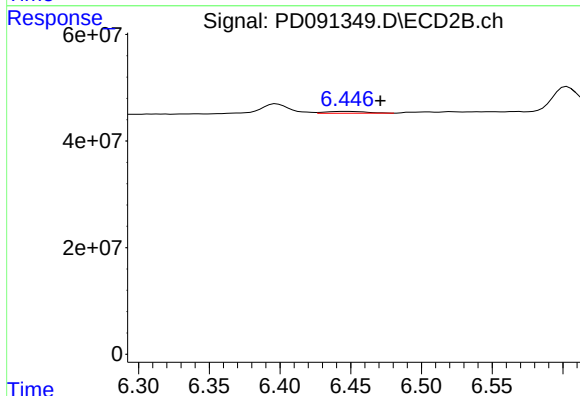
R.T.: 6.244 min
Delta R.T.: -0.004 min
Response: 52435562
Conc: 1.49 ng/ml



#19 Endosulfan Sulfate

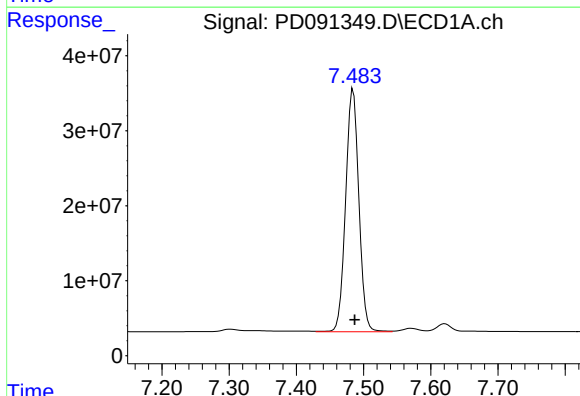
R.T.: 7.109 min
Delta R.T.: -0.034 min
Response: 157596
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



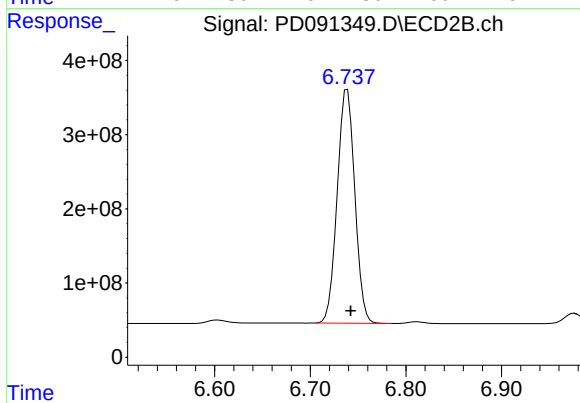
#19 Endosulfan Sulfate

R.T.: 6.447 min
Delta R.T.: -0.024 min
Response: 6956148
Conc: 0.16 ng/ml



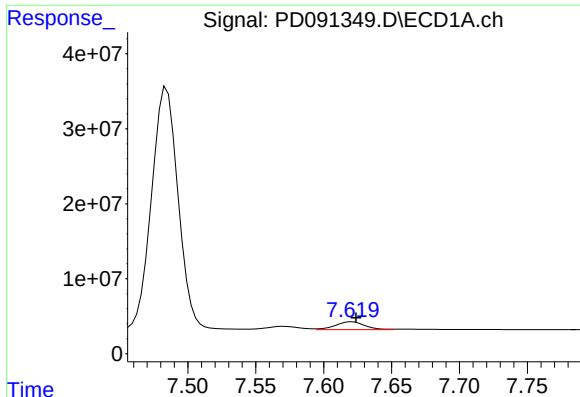
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: -0.003 min
Response: 442048282
Conc: 203.30 ng/ml



#20 Methoxychlor

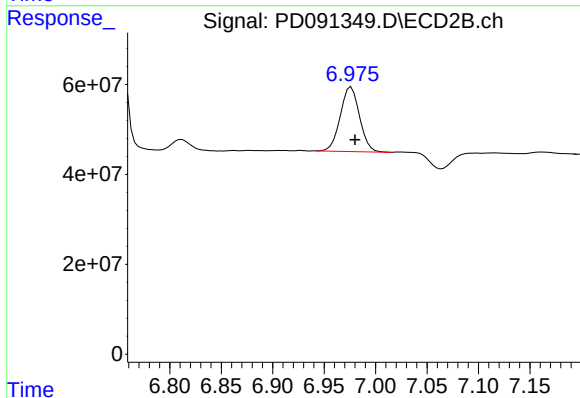
R.T.: 6.739 min
Delta R.T.: -0.004 min
Response: 4037603298
Conc: 201.36 ng/ml



#21 Endrin ketone

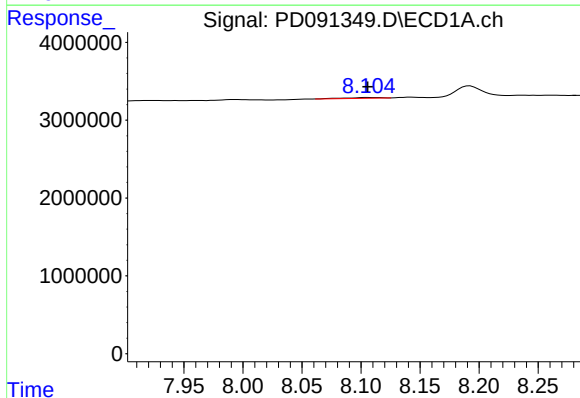
R.T.: 7.621 min
Delta R.T.: -0.003 min
Response: 16043183
Conc: 2.85 ng/ml

Instrument :
ECD_D
ClientSampleId :



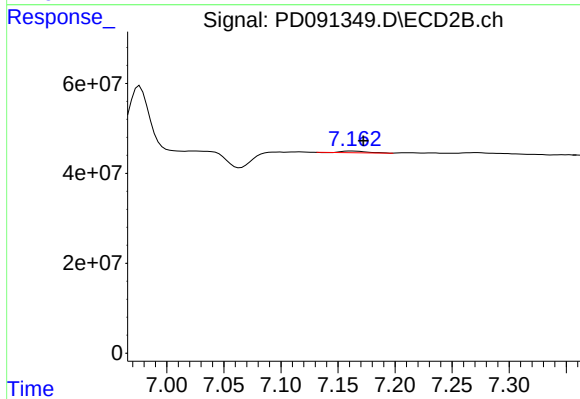
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.004 min
Response: 187291006
Conc: 3.68 ng/ml



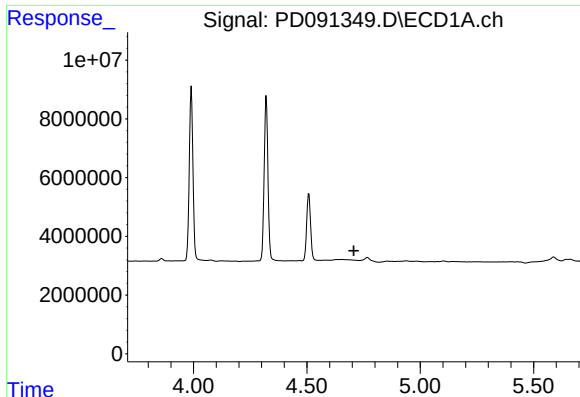
#22 Mirex

R.T.: 8.106 min
Delta R.T.: 0.000 min
Response: 203109
Conc: 0.06 ng/ml



#22 Mirex

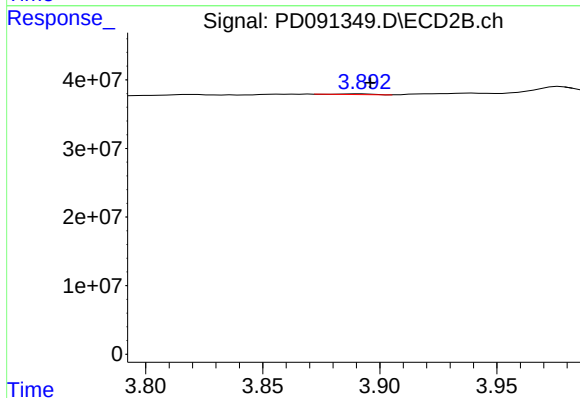
R.T.: 7.163 min
Delta R.T.: -0.009 min
Response: 5436548
Conc: 0.16 ng/ml



#23 Chlordane-1

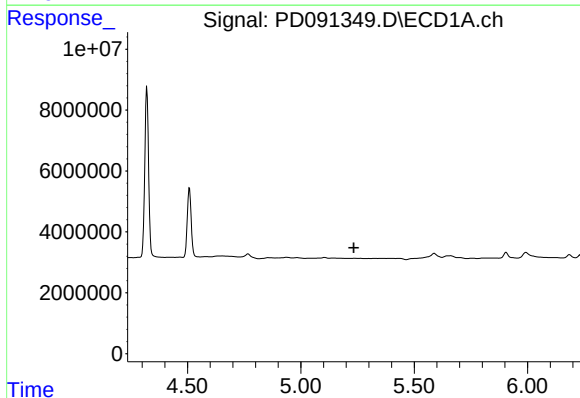
R.T.: 0.000 min
Exp R.T.: 4.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



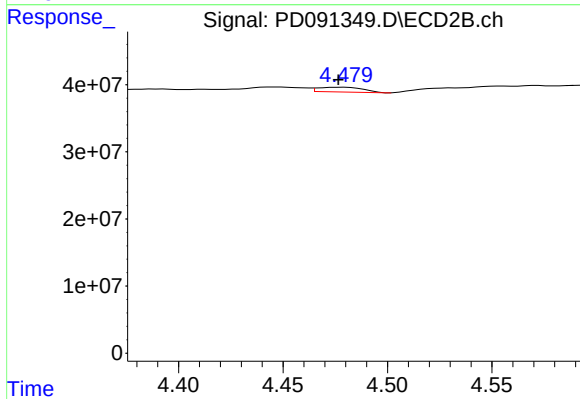
#23 Chlordane-1

R.T.: 3.891 min
Delta R.T.: -0.005 min
Response: 890674
Conc: 0.52 ng/ml



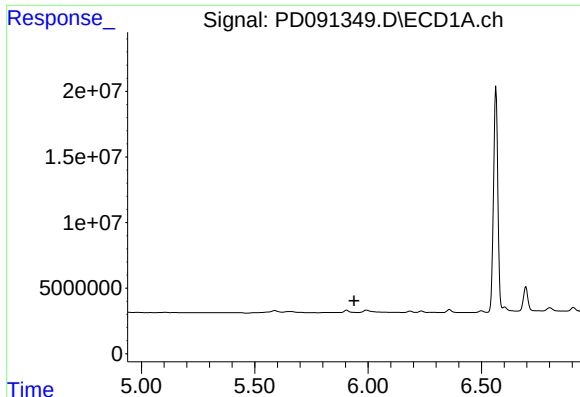
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.234 min
Response: 0
Conc: N.D.



#24 Chlordane-2

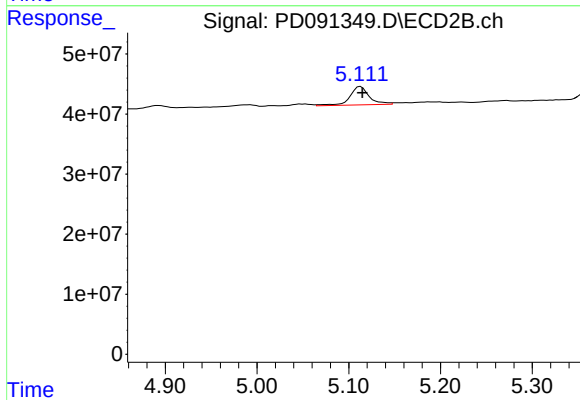
R.T.: 4.479 min
Delta R.T.: 0.002 min
Response: 10495300
Conc: 5.99 ng/ml



#25 Chlordane-3

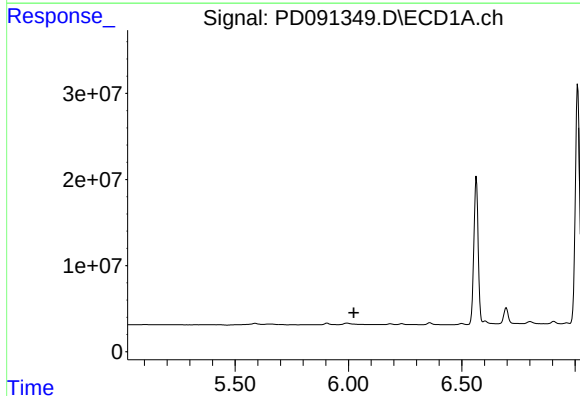
R.T.: 0.000 min
Exp R.T.: 5.939 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



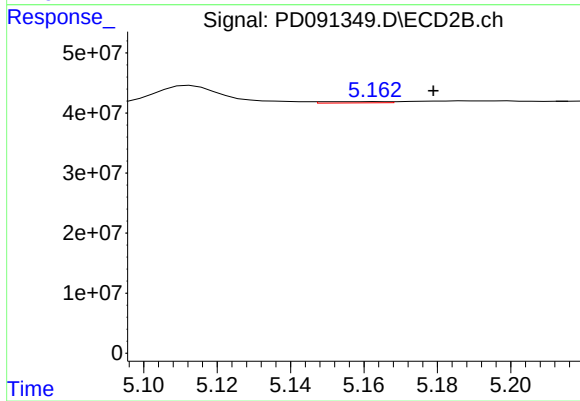
#25 Chlordane-3

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 44677588
Conc: 7.77 ng/ml



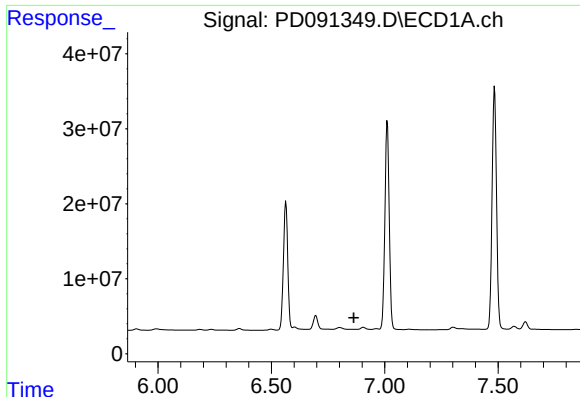
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 6.024 min
Response: 0
Conc: N.D.



#26 Chlordane-4

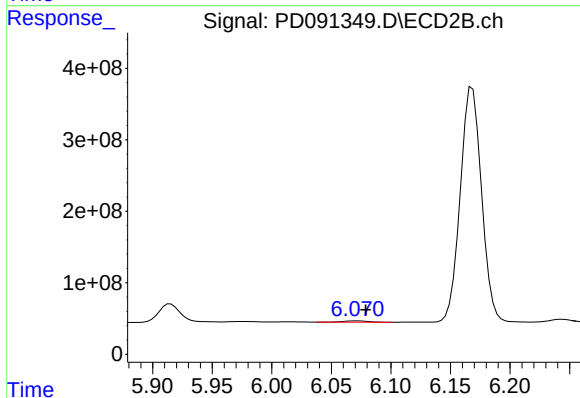
R.T.: 5.164 min
Delta R.T.: -0.015 min
Response: 2607291
Conc: 0.55 ng/ml



#27 Chlordane-5

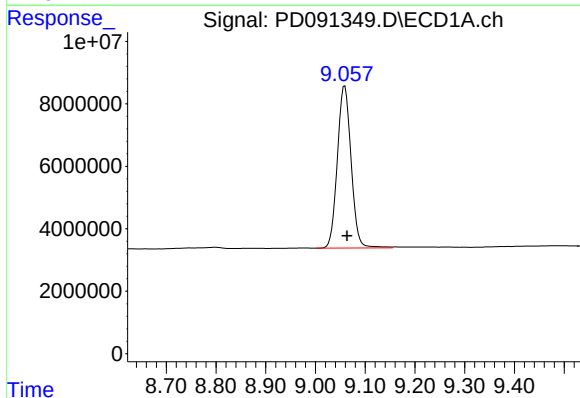
R.T.: 0.000 min
Exp R.T.: 6.863 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



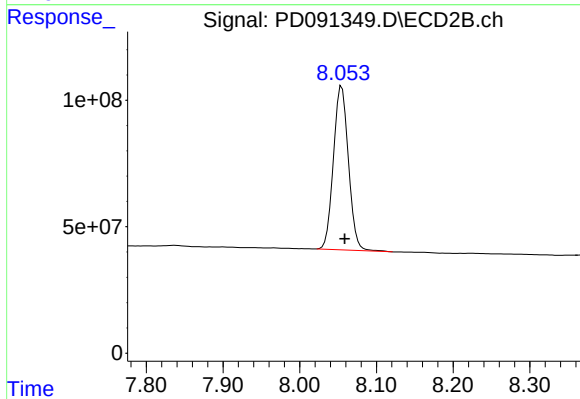
#27 Chlordane-5

R.T.: 6.071 min
Delta R.T.: -0.008 min
Response: 26124553
Conc: 12.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.004 min
Response: 99681836
Conc: 20.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.055 min
Delta R.T.: -0.004 min
Response: 880327627
Conc: 22.24 ng/ml