

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031624\
 Data File : PD082139.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2024 08:34
 Operator : AR\AJ
 Sample : PEM023
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM141

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 21:45:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030924CLP.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 09 04:31:04 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

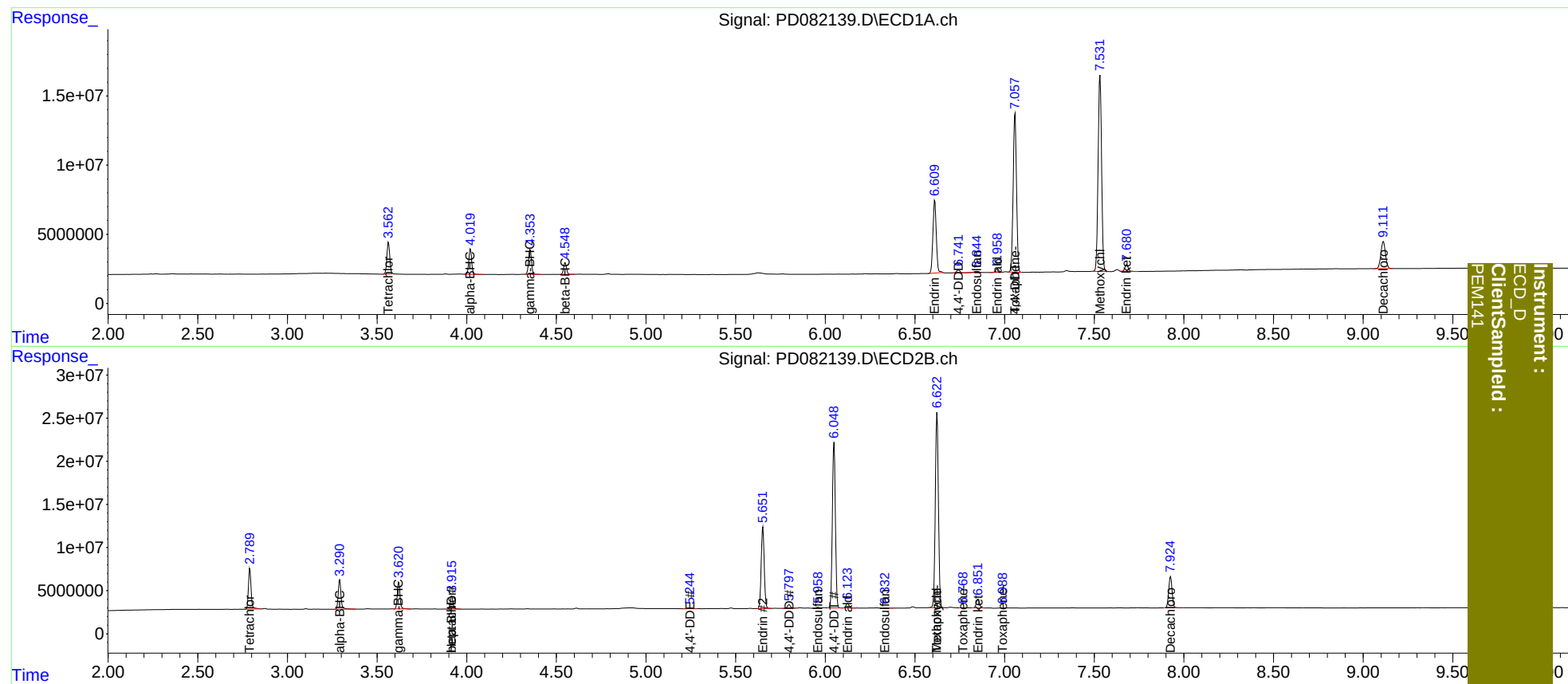
System Monitoring Compounds							
1)	SA Tetrachlo...	3.564	2.791	25214173	48072487	17.876	17.884
2)	SA Decachlor...	9.113	7.926	34911351	47291355	17.805	18.192
Target Compounds							
2)	A alpha-BHC	4.021	3.292	20373356	36382179	8.761	8.936
3)	MA gamma-BHC...	4.354	3.621	20362918	33036578	8.790	8.774
4)	MA Heptachlor	0.000	3.917f	0	16004964	N.D.	4.516
5)	MB Aldrin	0.000	4.251	0	194654	N.D.	<MDL
6)	B beta-BHC	4.549	3.917	9616425	16004964	9.438	9.789
12)	B 4,4'-DDE	0.000	5.246	0	754633	N.D.	0.260
13)	MA Dieldrin	0.000	5.422f	0	141243	N.D.	<MDL
14)	MA Endrin	6.611	5.652	68584615	111.3E6	38.078	39.598
15)	B Endosulfa...	6.846	5.959	1812083	808197	0.964	0.296 #
16)	A 4,4'-DDD	6.743	5.798	2719225	4987451	1.719	2.004
17)	MA 4,4'-DDT	7.058	6.049	148.1E6	223.6E6	88.585	89.072
18)	B Endrin al...	6.960	6.125	3052711	6493979	2.150	3.110 #
19)	B Endosulfa...	0.000	6.333	0	365537	N.D.	0.140
20)	A Methoxychlor	7.532	6.623	190.4E6	271.9E6	205.452	204.996
21)	B Endrin ke...	7.681	6.852	5928553	12731178	3.062	4.377 #
24)	Toxaphene-3	7.058	6.623	148.1E6	271.9E6	2822.647	4901.777 #
25)	Toxaphene-4	0.000	6.770	0	189191	N.D.	2.449
26)	Toxaphene-5	0.000	6.990f	0	10279	N.D.	0.332

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

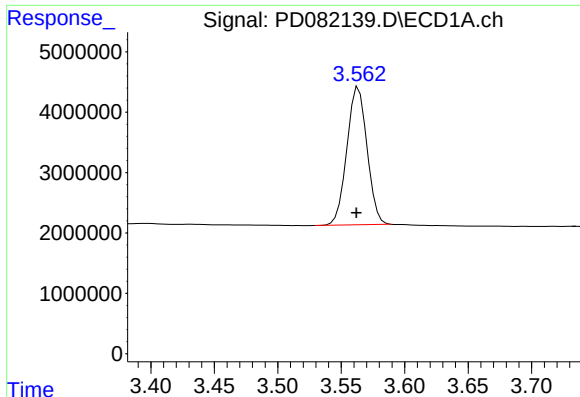
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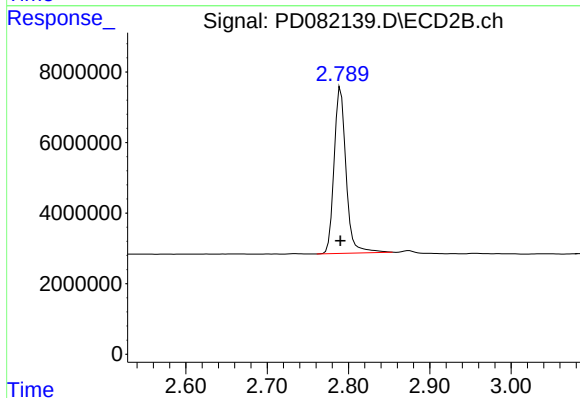
Instrument :
ECD_D
ClientSampled :
PEM141



#1 Tetrachloro-m-xylene

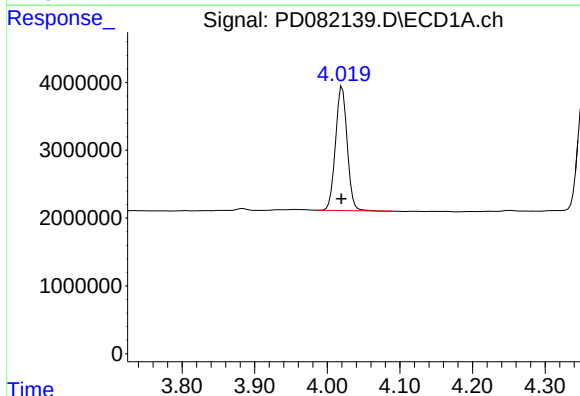
R.T.: 3.564 min
Delta R.T.: 0.002 min
Response: 25214173
Conc: 17.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM141



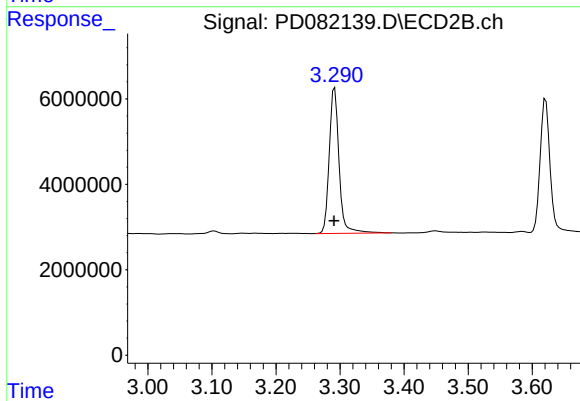
#1 Tetrachloro-m-xylene

R.T.: 2.791 min
Delta R.T.: 0.000 min
Response: 48072487
Conc: 17.88 ng/ml



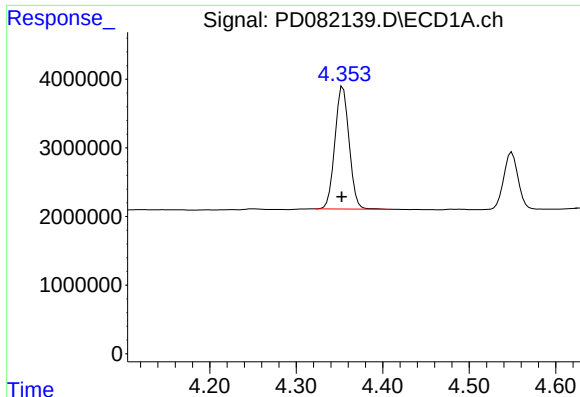
#2 alpha-BHC

R.T.: 4.021 min
Delta R.T.: 0.001 min
Response: 20373356
Conc: 8.76 ng/ml



#2 alpha-BHC

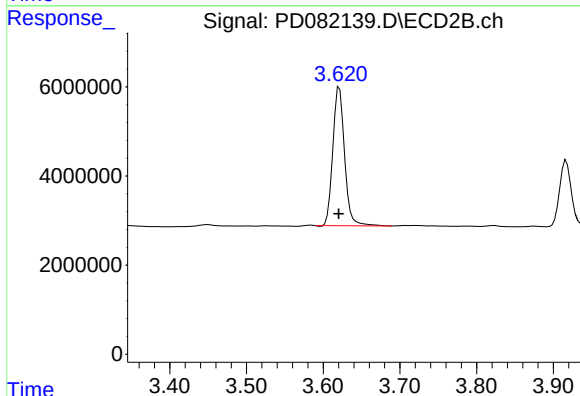
R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 36382179
Conc: 8.94 ng/ml



#3 gamma-BHC (Lindane)

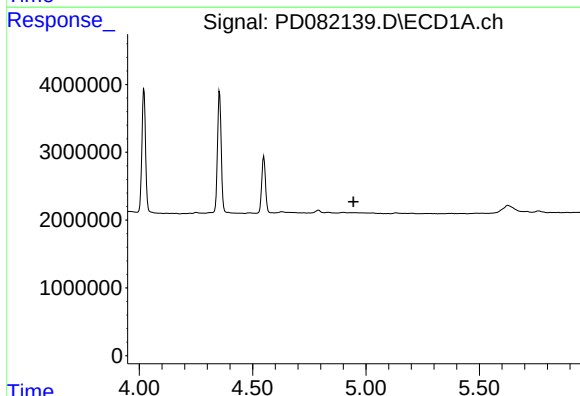
R.T.: 4.354 min
Delta R.T.: 0.001 min
Response: 20362918
Conc: 8.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM141



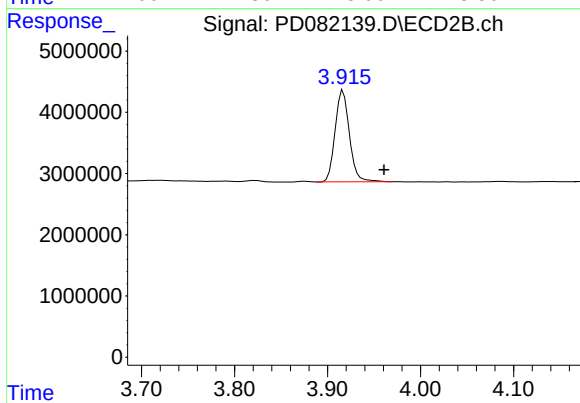
#3 gamma-BHC (Lindane)

R.T.: 3.621 min
Delta R.T.: 0.000 min
Response: 33036578
Conc: 8.77 ng/ml



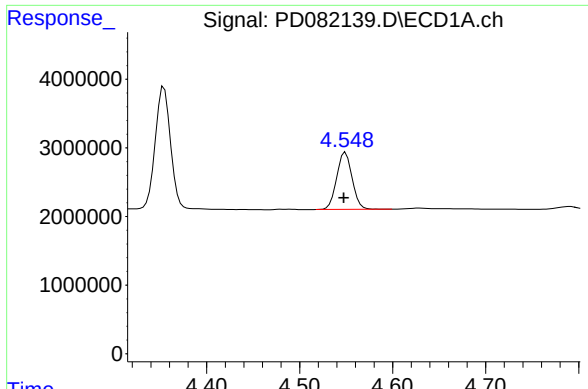
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.945 min
Response: 0
Conc: N.D.



#4 Heptachlor

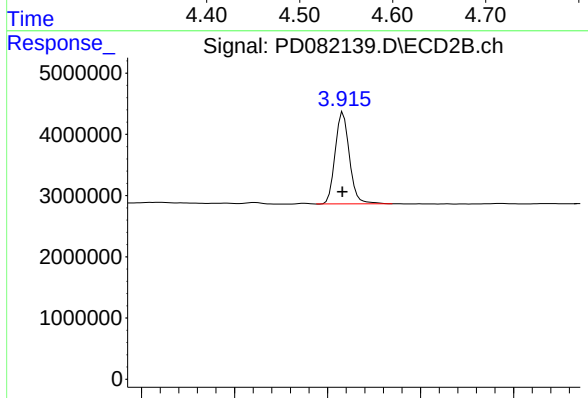
R.T.: 3.917 min
Delta R.T.: -0.044 min
Response: 16004964
Conc: 4.52 ng/ml



#6 beta-BHC

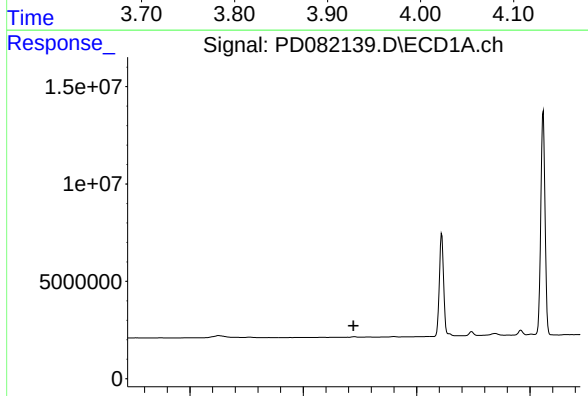
R.T.: 4.549 min
Delta R.T.: 0.002 min
Response: 9616425
Conc: 9.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM141



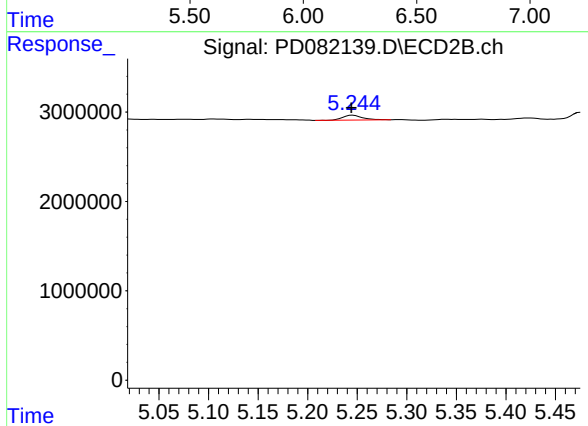
#6 beta-BHC

R.T.: 3.917 min
Delta R.T.: 0.000 min
Response: 16004964
Conc: 9.79 ng/ml



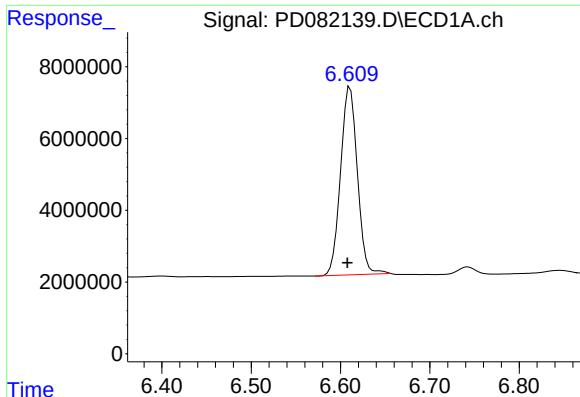
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.222 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

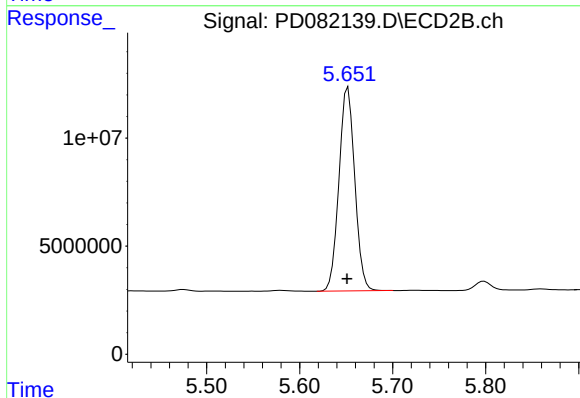
R.T.: 5.246 min
Delta R.T.: 0.001 min
Response: 754633
Conc: 0.26 ng/ml



#14 Endrin

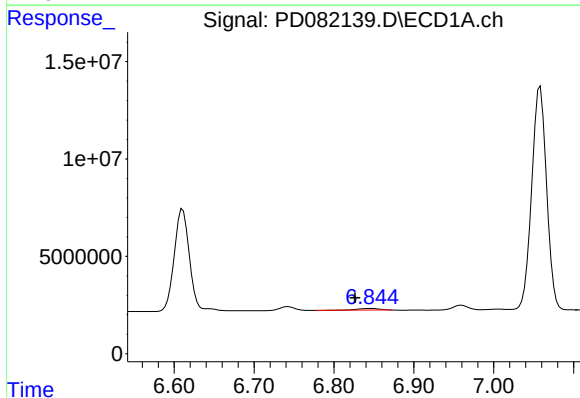
R.T.: 6.611 min
Delta R.T.: 0.003 min
Response: 68584615
Conc: 38.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM141



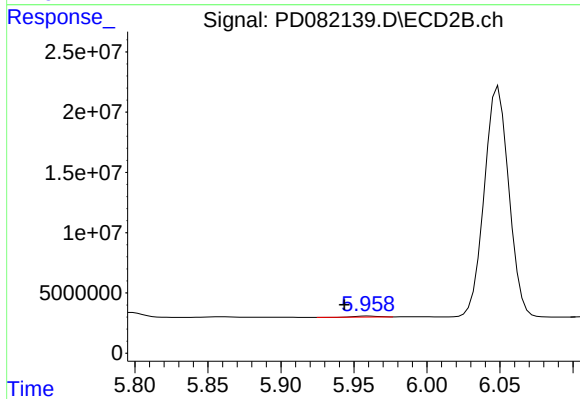
#14 Endrin

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 111346197
Conc: 39.60 ng/ml



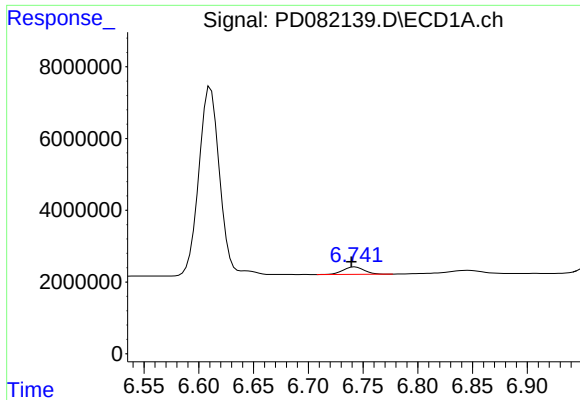
#15 Endosulfan II

R.T.: 6.846 min
Delta R.T.: 0.019 min
Response: 1812083
Conc: 0.96 ng/ml



#15 Endosulfan II

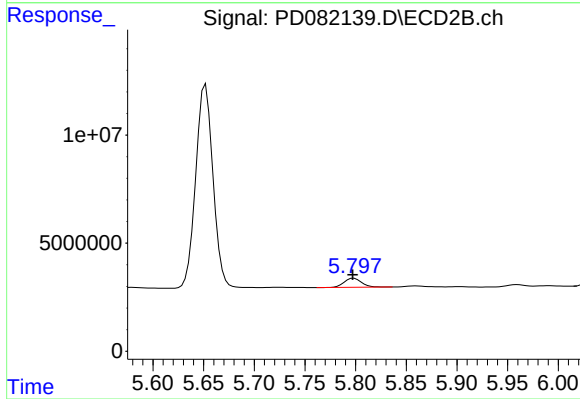
R.T.: 5.959 min
Delta R.T.: 0.016 min
Response: 808197
Conc: 0.30 ng/ml



#16 4,4'-DDD

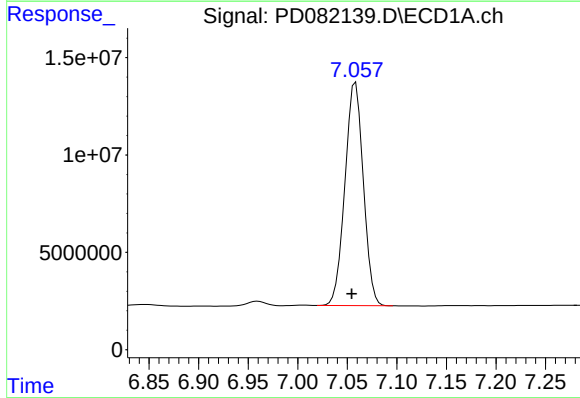
R.T.: 6.743 min
Delta R.T.: 0.004 min
Response: 2719225
Conc: 1.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM141



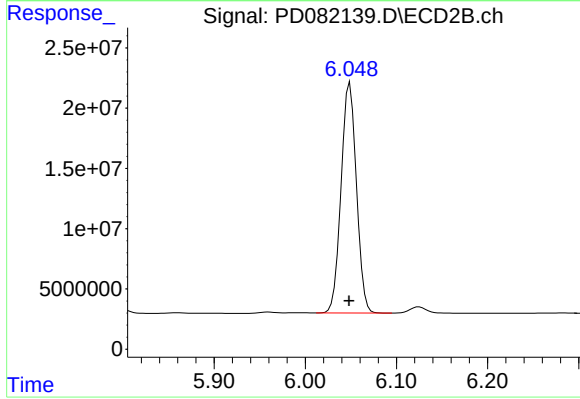
#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: 0.001 min
Response: 4987451
Conc: 2.00 ng/ml



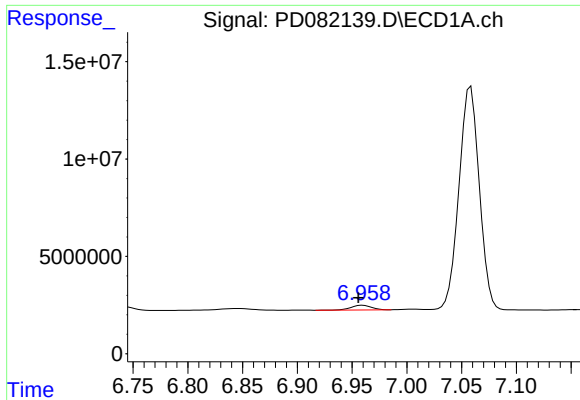
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.004 min
Response: 148099707
Conc: 88.59 ng/ml



#17 4,4'-DDT

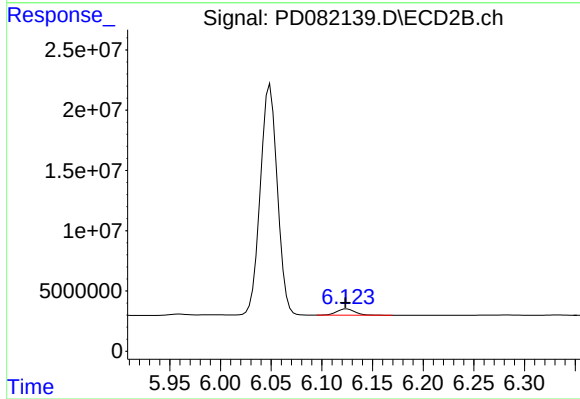
R.T.: 6.049 min
Delta R.T.: 0.001 min
Response: 223612141
Conc: 89.07 ng/ml



#18 Endrin aldehyde

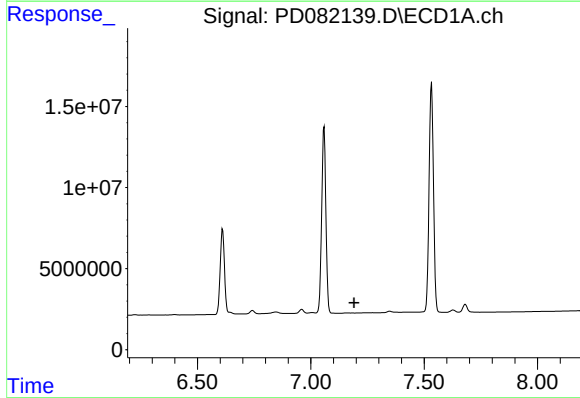
R.T.: 6.960 min
Delta R.T.: 0.004 min
Response: 3052711
Conc: 2.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM141



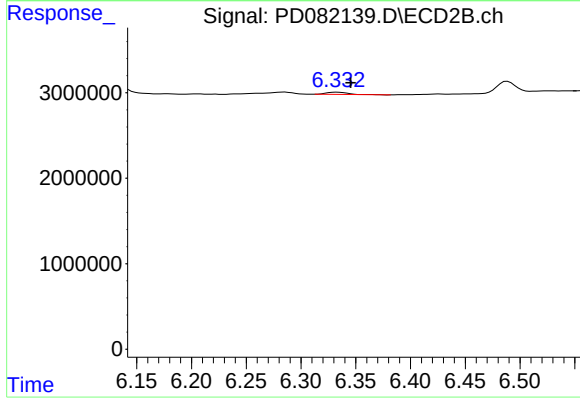
#18 Endrin aldehyde

R.T.: 6.125 min
Delta R.T.: 0.002 min
Response: 6493979
Conc: 3.11 ng/ml



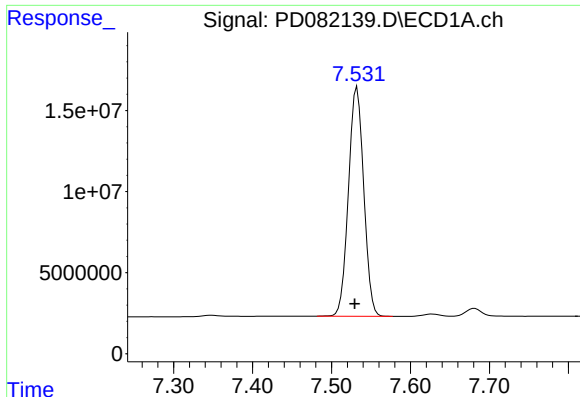
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.191 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

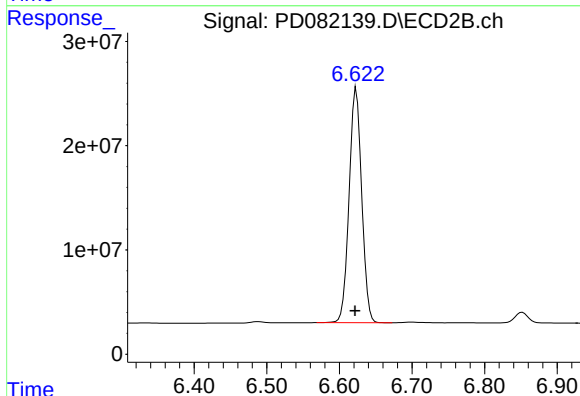
R.T.: 6.333 min
Delta R.T.: -0.013 min
Response: 365537
Conc: 0.14 ng/ml



#20 Methoxychlor

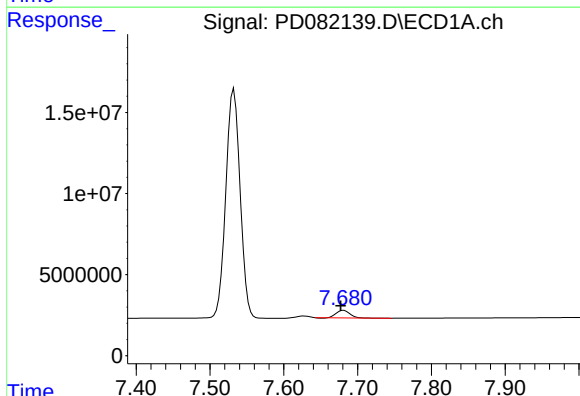
R.T.: 7.532 min
Delta R.T.: 0.003 min
Response: 190366117
Conc: 205.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM141



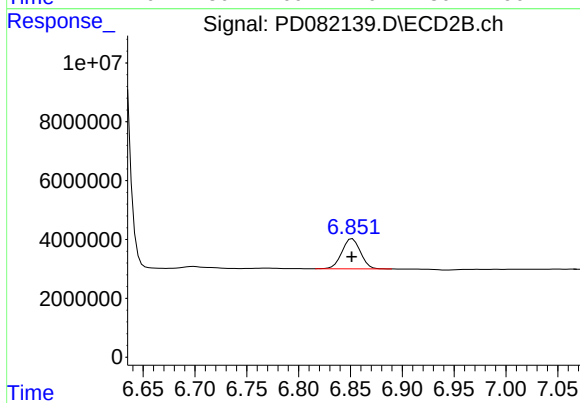
#20 Methoxychlor

R.T.: 6.623 min
Delta R.T.: 0.002 min
Response: 271919775
Conc: 205.00 ng/ml



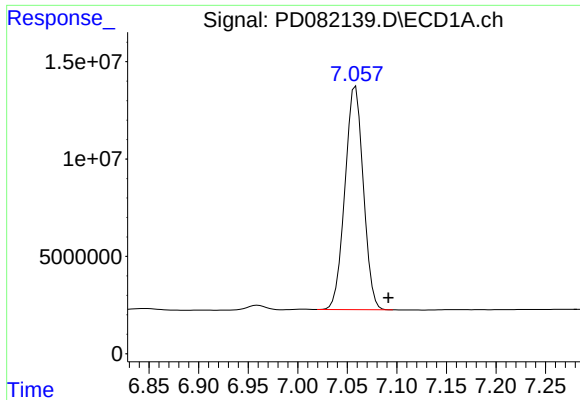
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.004 min
Response: 5928553
Conc: 3.06 ng/ml



#21 Endrin ketone

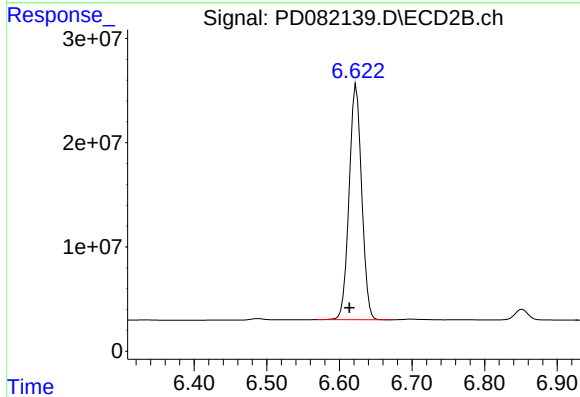
R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 12731178
Conc: 4.38 ng/ml



#24 Toxaphene-3

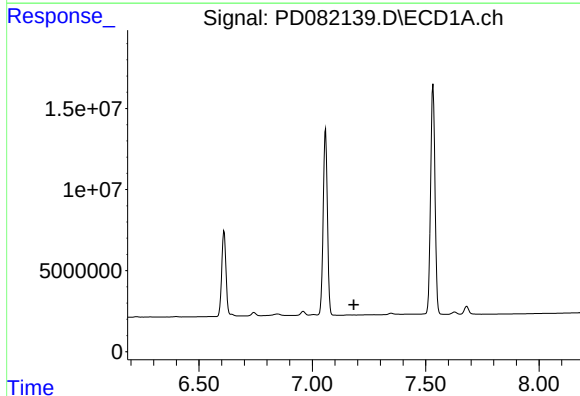
R.T.: 7.058 min
Delta R.T.: -0.033 min
Response: 148099707
Conc: 2822.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM141



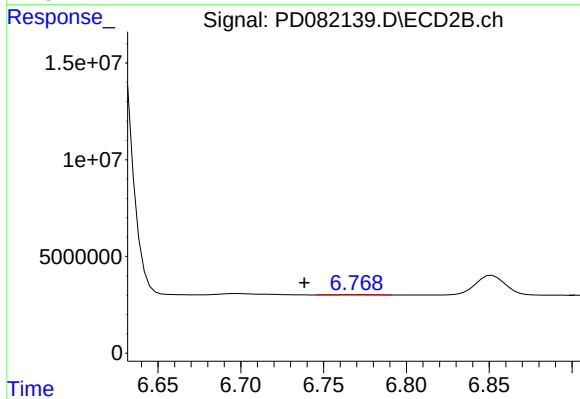
#24 Toxaphene-3

R.T.: 6.623 min
Delta R.T.: 0.010 min
Response: 271919775
Conc: 4901.78 ng/ml



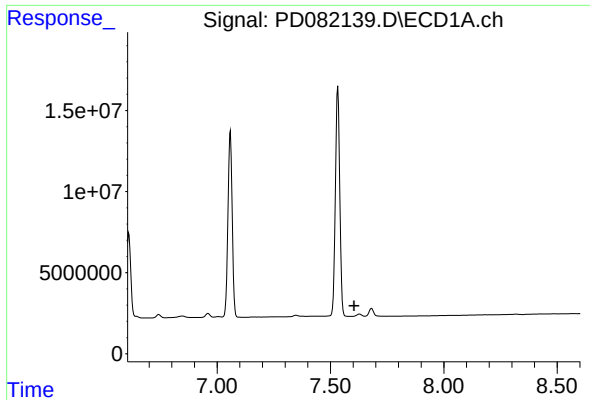
#25 Toxaphene-4

R.T.: 0.000 min
Exp R.T. : 7.184 min
Response: 0
Conc: N.D.



#25 Toxaphene-4

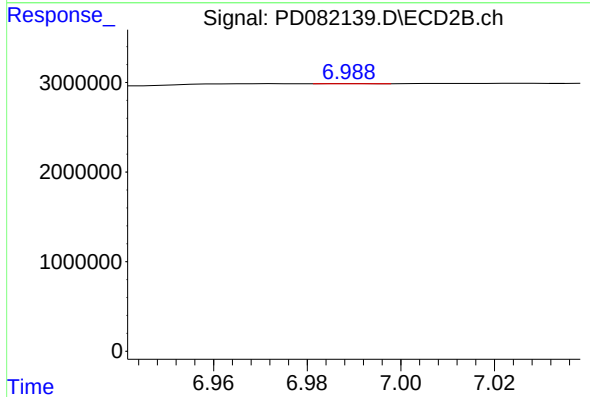
R.T.: 6.770 min
Delta R.T.: 0.031 min
Response: 189191
Conc: 2.45 ng/ml



#26 Toxaphene-5

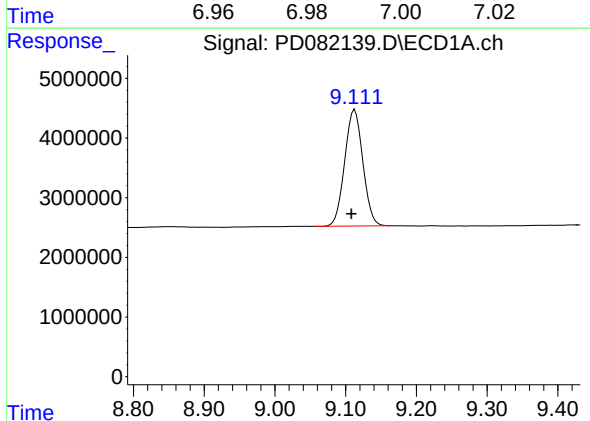
R.T.: 0.000 min
Exp R.T.: 7.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM141



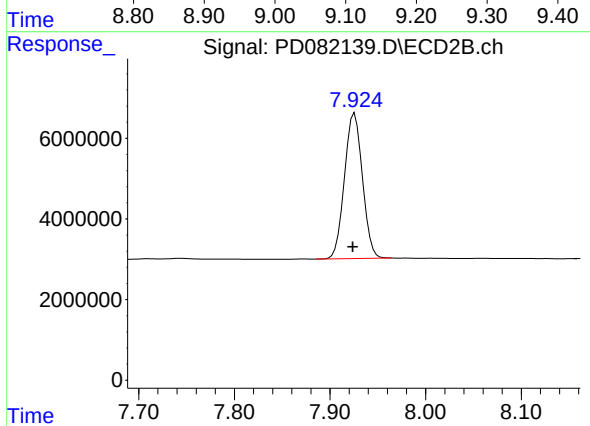
#26 Toxaphene-5

R.T.: 6.990 min
Delta R.T.: -0.063 min
Response: 10279
Conc: 0.33 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.005 min
Response: 34911351
Conc: 17.81 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.926 min
Delta R.T.: 0.002 min
Response: 47291355
Conc: 18.19 ng/ml