

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103021\
 Data File : PD066637.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2021 12:56
 Operator : AR\AJ
 Sample : M4068-01
 Misc : CHLOR LOD 25 PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 06:24:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.439	3.969	37644237	168.4E6	20.175	20.815
28)	SA Decachlor...	8.165	9.022	22765840	111.7E6	19.704	20.728
Target Compounds							
2)	A alpha-BHC	0.000	4.366	0	2888891	N.D.	0.262 #
3)	MA gamma-BHC...	4.133f	4.664f	694906	429977	0.230	0.043 #
4)	MA Heptachlor	4.451	5.147	5818999	24313830	1.961	2.480 #
5)	MB Aldrin	0.000	5.427f	0	18205111	N.D.	2.005 #
6)	B beta-BHC	0.000	4.839	0	3772675	N.D.	0.810 #
8)	B Heptachlo...	0.000	5.826	0	12247803	N.D.	1.690 #
10)	B gamma-Chl...	5.362	6.072	11560090	51969623	4.437	6.229 #
11)	B alpha-Chl...	5.419	6.145	10282463	78589842	4.007	9.475 #
13)	MA Dieldrin	0.000	6.447	0	1798157	N.D.	0.217 #
14)	MA Endrin	0.000	6.700f	0	2540331	N.D.	0.369 #
15)	B Endosulfa...	6.253	6.892	5601900	1490777	2.817	0.211 #
16)	A 4,4'-DDD	0.000	6.812	0	4127239	N.D.	0.607 #
21)	B Endrin ke...	0.000	7.729f	0	2126637	N.D.	0.253 #
23)	Chlordane-1	4.301	4.958	4015902	17078320	54.271	61.514
24)	Chlordane-2	4.799	5.427	4710643	18205111	55.528	61.375
25)	Chlordane-3	5.362	6.072	11560090	51969623	47.214	48.202
26)	Chlordane-4	5.419	6.145	10282463	78589842	50.479	62.362
27)	Chlordane-5	6.253	6.953	5601900	8040075	66.239	29.501 #

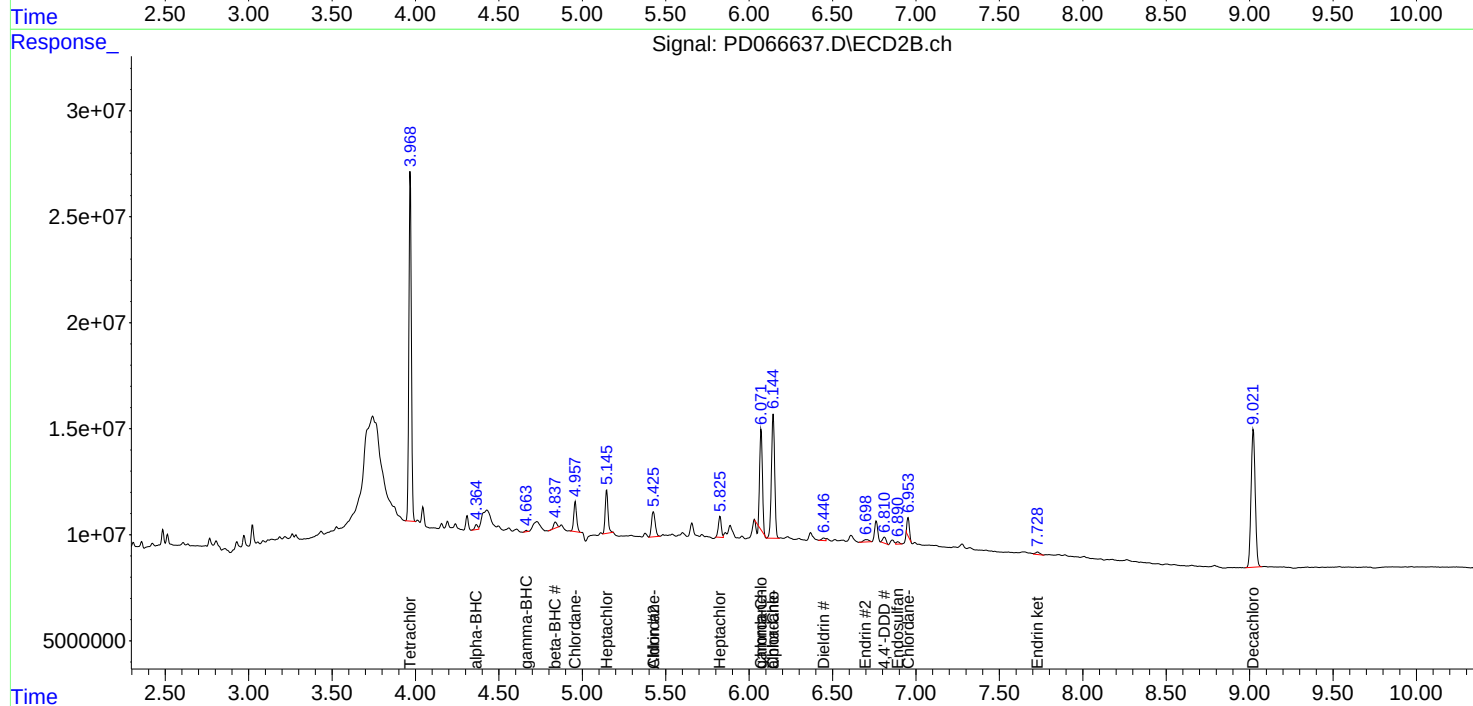
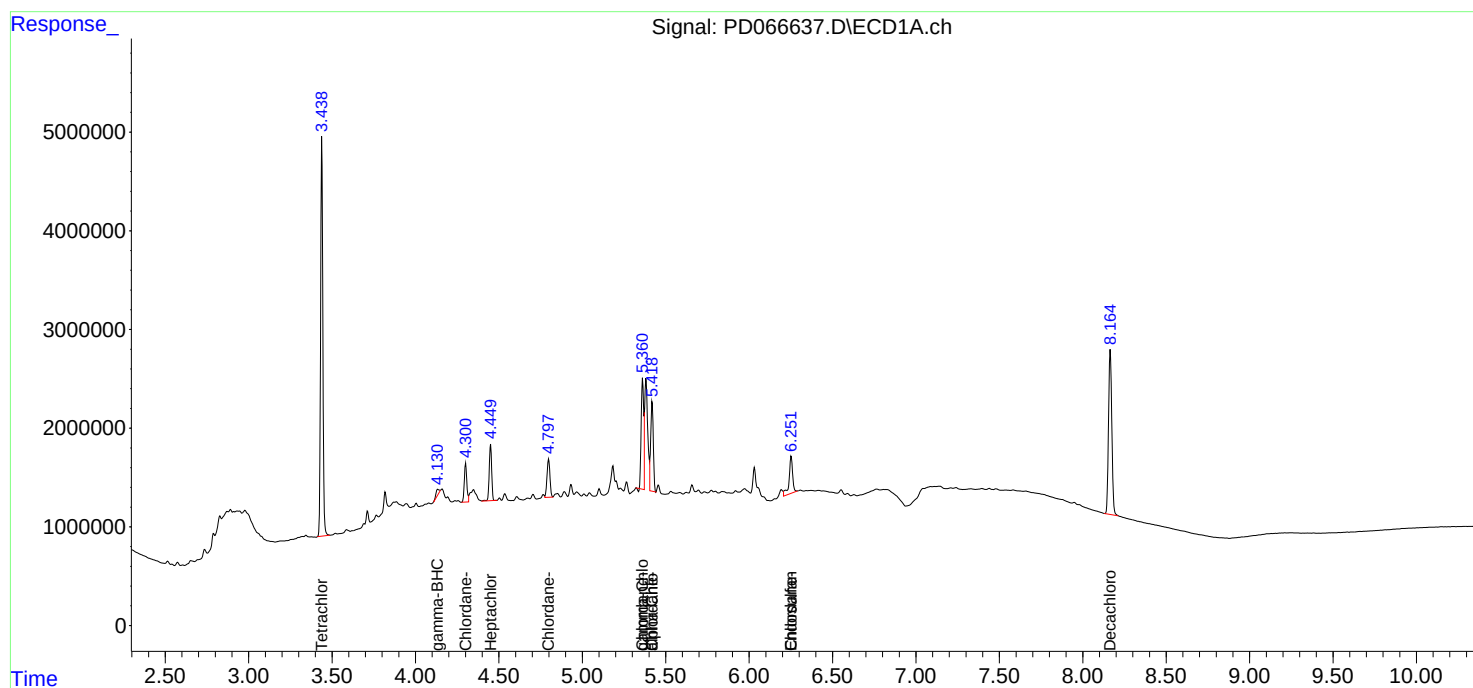
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

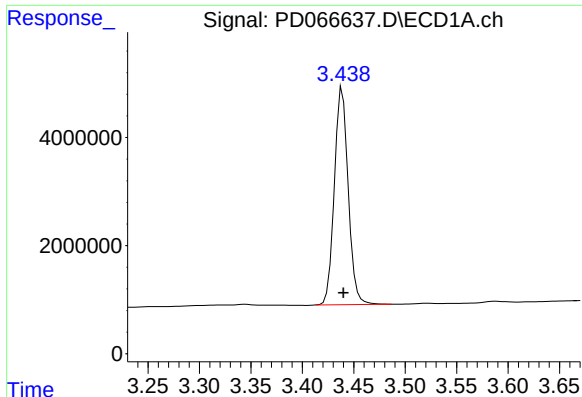
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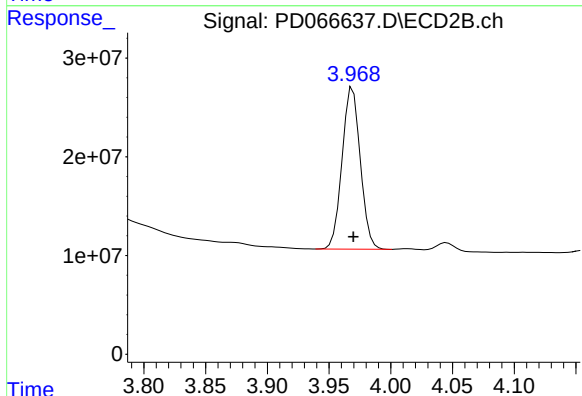




#1 Tetrachloro-m-xylene

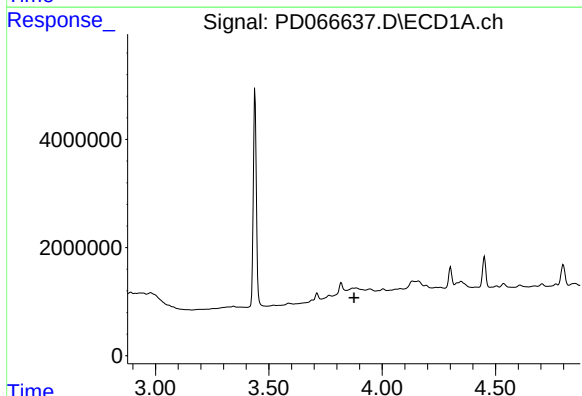
R.T.: 3.439 min
Delta R.T.: -0.001 min
Response: 37644237
Conc: 20.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



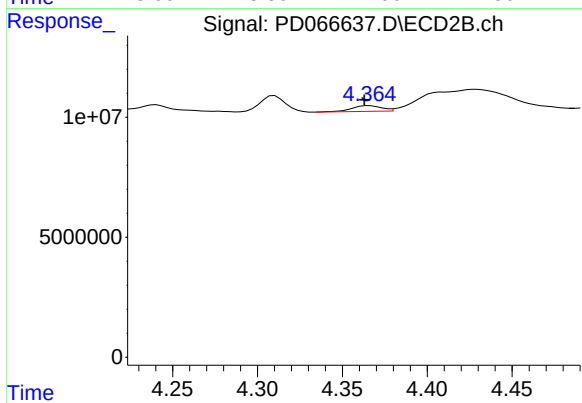
#1 Tetrachloro-m-xylene

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 168434293
Conc: 20.81 ng/ml



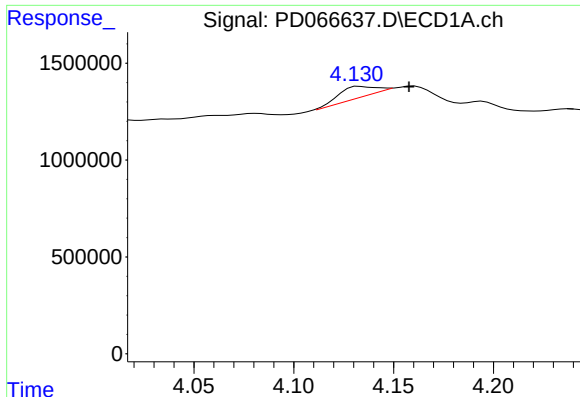
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.876 min
Response: 0
Conc: N.D.



#2 alpha-BHC

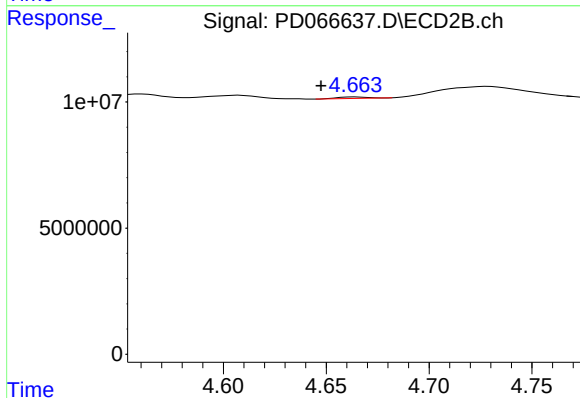
R.T.: 4.366 min
Delta R.T.: 0.003 min
Response: 2888891
Conc: 0.26 ng/ml



#3 gamma-BHC (Lindane)

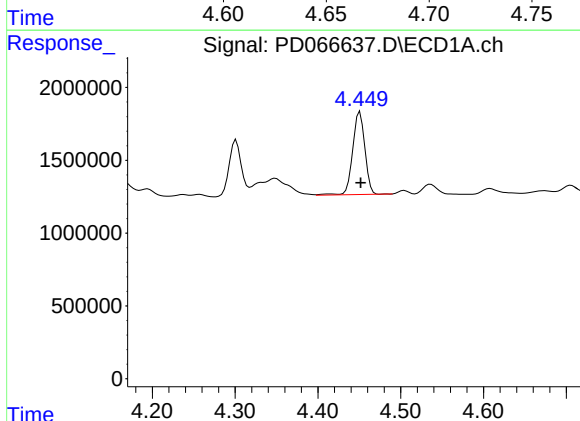
R.T.: 4.133 min
Delta R.T.: -0.024 min
Response: 694906
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



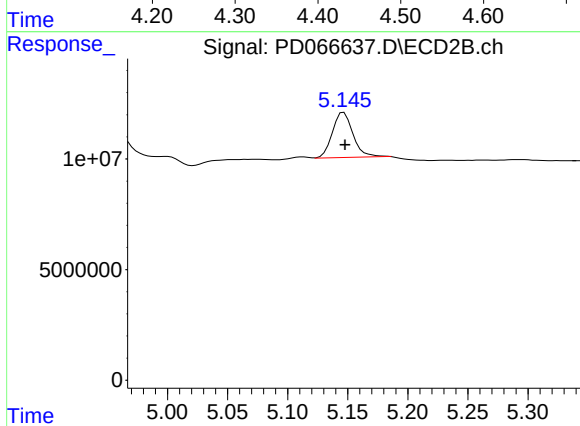
#3 gamma-BHC (Lindane)

R.T.: 4.664 min
Delta R.T.: 0.017 min
Response: 429977
Conc: 0.04 ng/ml



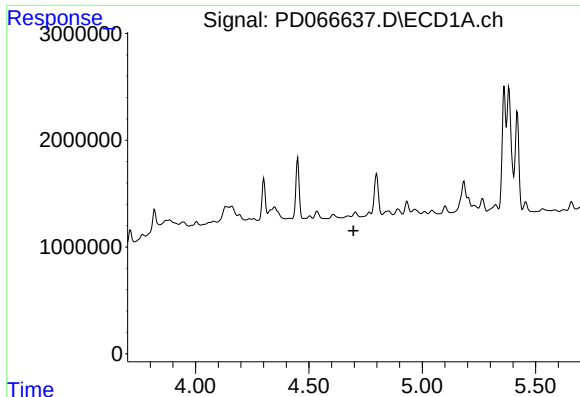
#4 Heptachlor

R.T.: 4.451 min
Delta R.T.: 0.000 min
Response: 5818999
Conc: 1.96 ng/ml



#4 Heptachlor

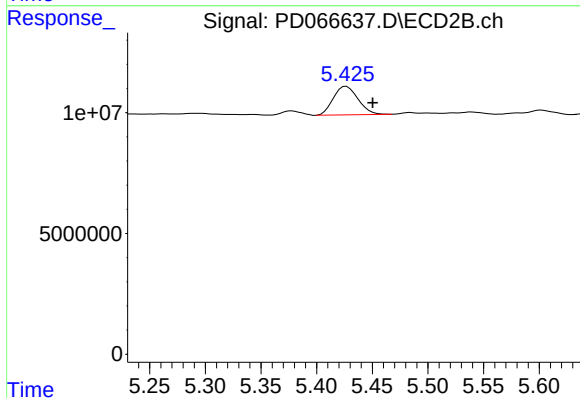
R.T.: 5.147 min
Delta R.T.: 0.000 min
Response: 24313830
Conc: 2.48 ng/ml



#5 Aldrin

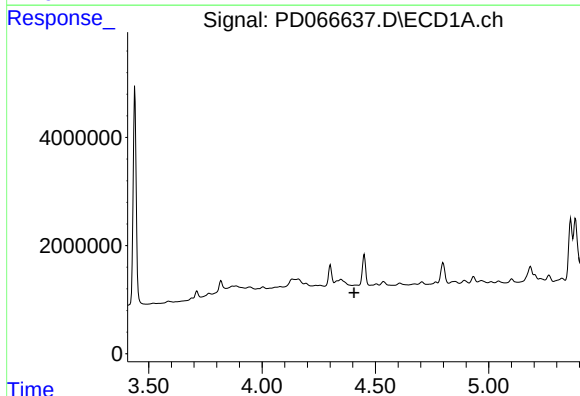
R.T.: 0.000 min
Exp R.T.: 4.697 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



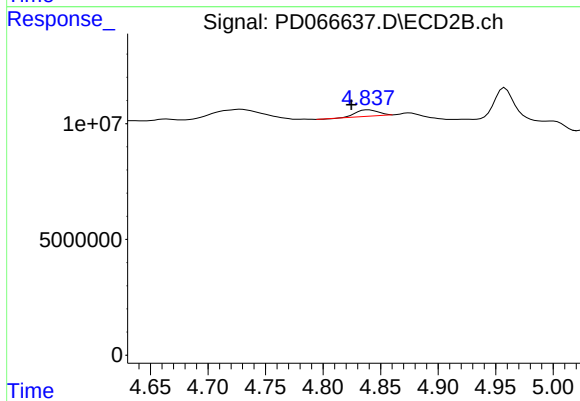
#5 Aldrin

R.T.: 5.427 min
Delta R.T.: -0.024 min
Response: 18205111
Conc: 2.01 ng/ml



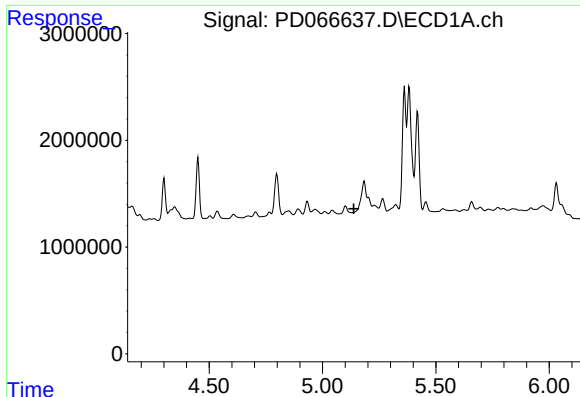
#6 beta-BHC

R.T.: 0.000 min
Exp R.T.: 4.406 min
Response: 0
Conc: N.D.



#6 beta-BHC

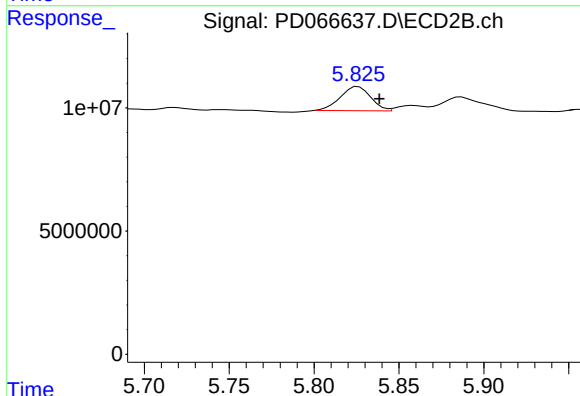
R.T.: 4.839 min
Delta R.T.: 0.015 min
Response: 3772675
Conc: 0.81 ng/ml



#8 Heptachlor epoxide

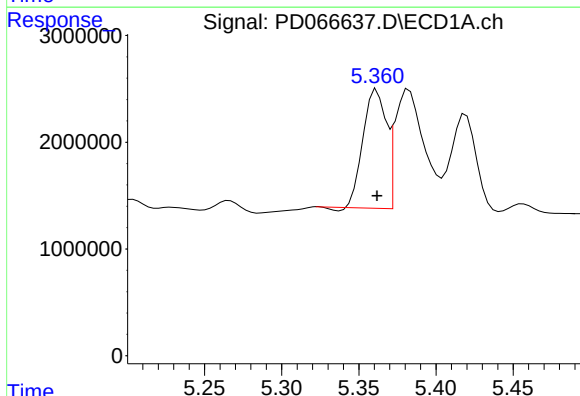
R.T.: 0.000 min
Exp R.T.: 5.138 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



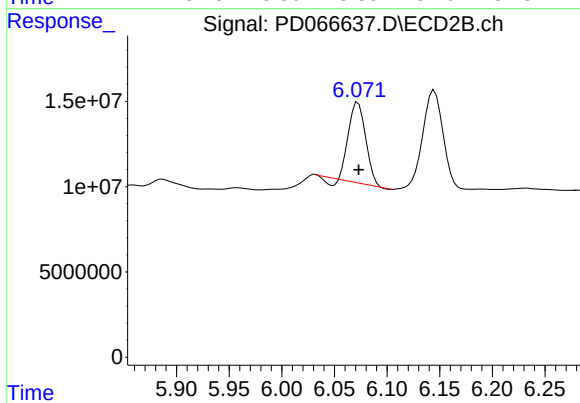
#8 Heptachlor epoxide

R.T.: 5.826 min
Delta R.T.: -0.012 min
Response: 12247803
Conc: 1.69 ng/ml



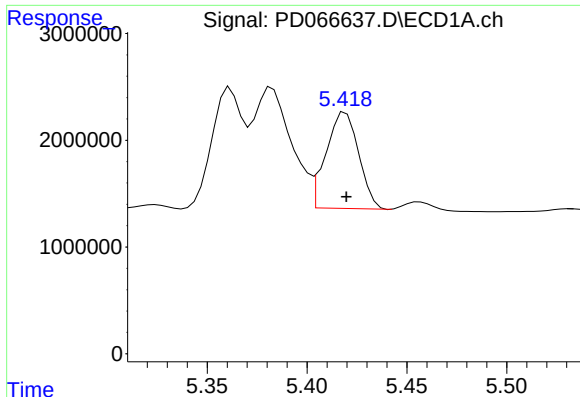
#10 gamma-Chlordane

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 11560090
Conc: 4.44 ng/ml



#10 gamma-Chlordane

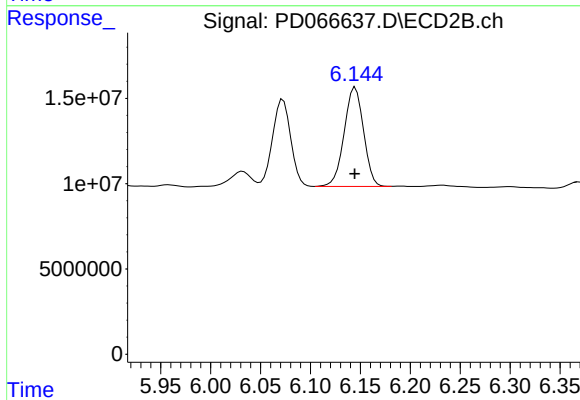
R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 51969623
Conc: 6.23 ng/ml



#11 alpha-Chlordane

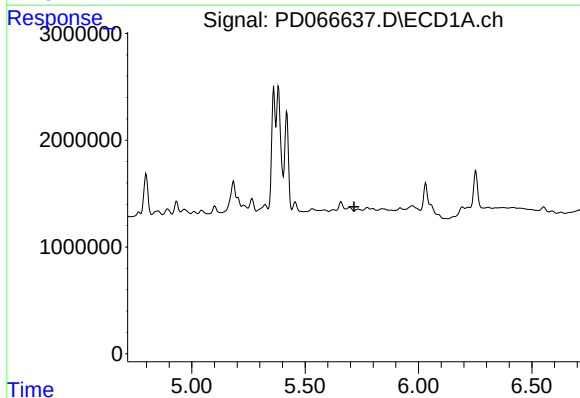
R.T.: 5.419 min
Delta R.T.: 0.000 min
Response: 10282463
Conc: 4.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



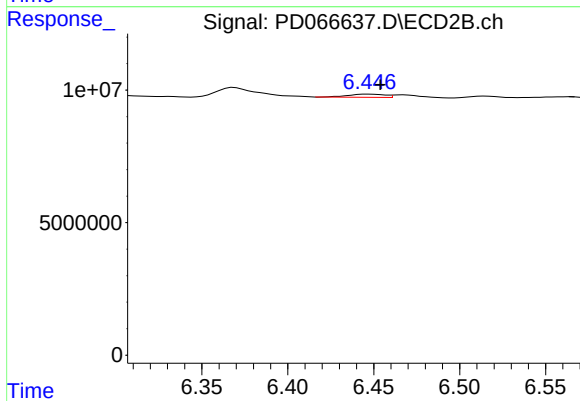
#11 alpha-Chlordane

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 78589842
Conc: 9.47 ng/ml



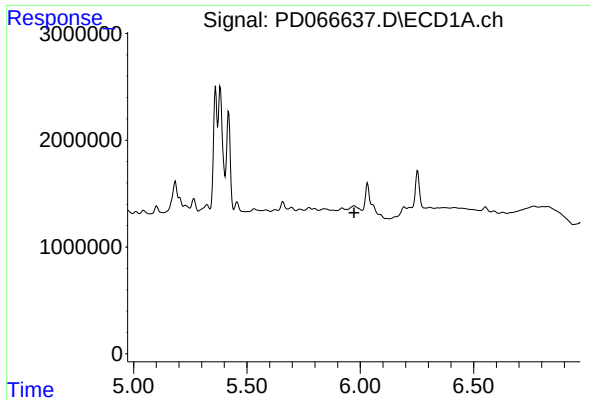
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.716 min
Response: 0
Conc: N.D.



#13 Dieldrin

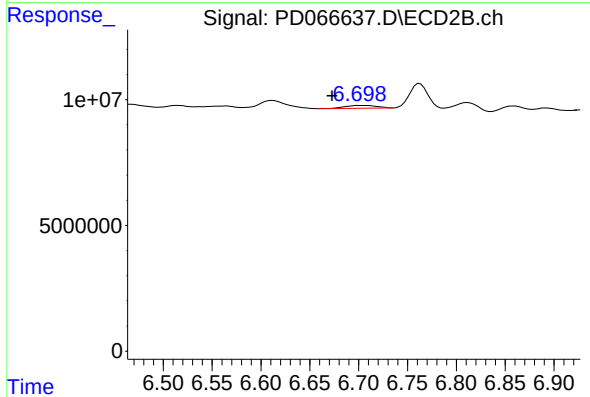
R.T.: 6.447 min
Delta R.T.: -0.007 min
Response: 1798157
Conc: 0.22 ng/ml



#14 Endrin

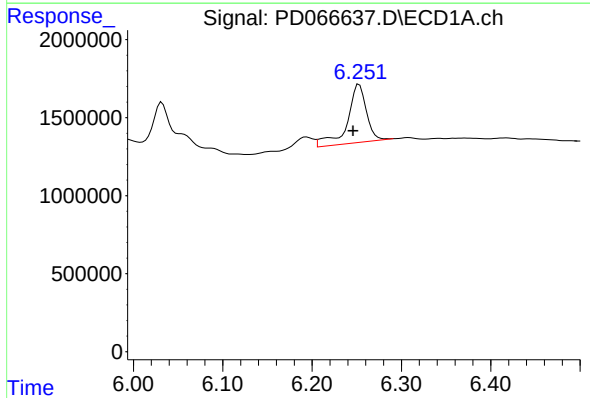
R.T.: 0.000 min
Exp R.T.: 5.973 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



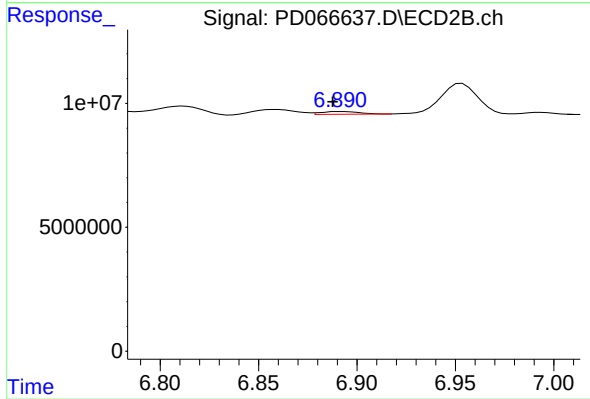
#14 Endrin

R.T.: 6.700 min
Delta R.T.: 0.028 min
Response: 2540331
Conc: 0.37 ng/ml



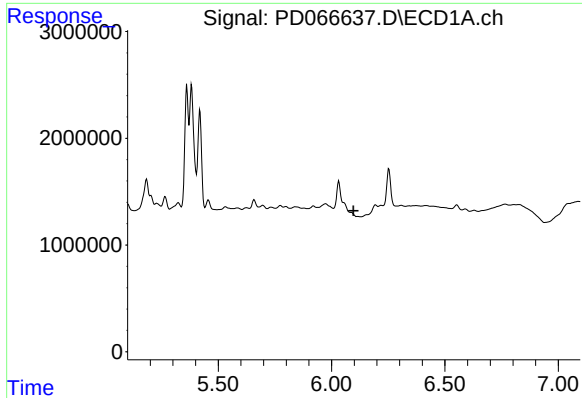
#15 Endosulfan II

R.T.: 6.253 min
Delta R.T.: 0.007 min
Response: 5601900
Conc: 2.82 ng/ml



#15 Endosulfan II

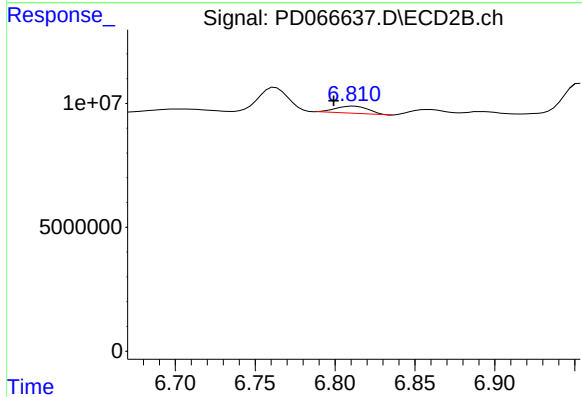
R.T.: 6.892 min
Delta R.T.: 0.004 min
Response: 1490777
Conc: 0.21 ng/ml



#16 4,4'-DDD

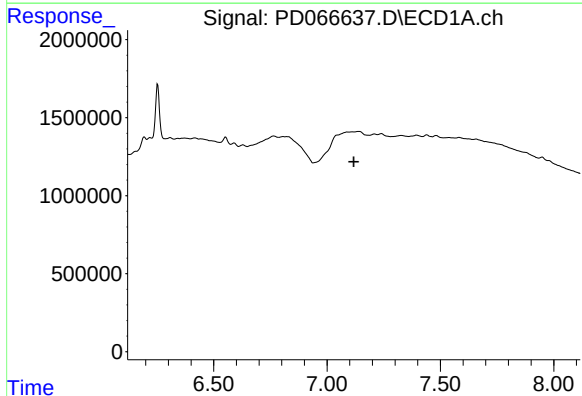
R.T.: 0.000 min
Exp R.T.: 6.097 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



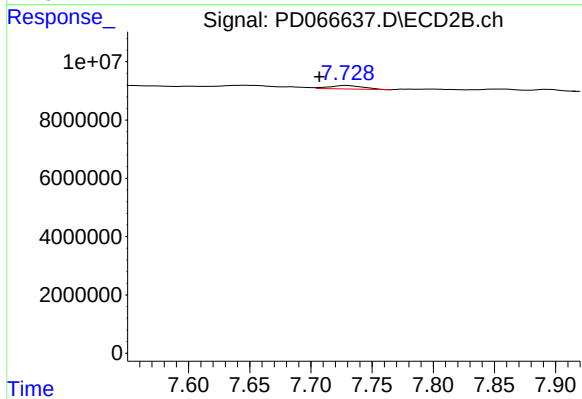
#16 4,4'-DDD

R.T.: 6.812 min
Delta R.T.: 0.013 min
Response: 4127239
Conc: 0.61 ng/ml



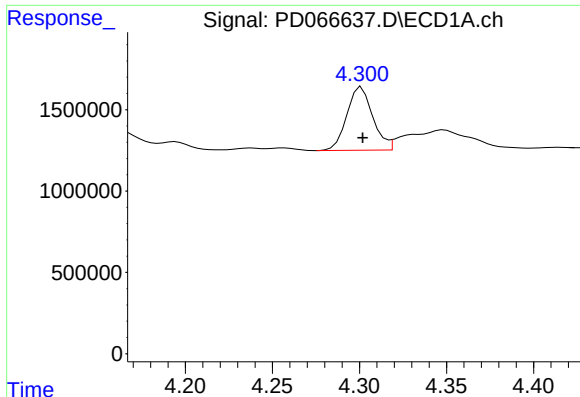
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T.: 7.118 min
Response: 0
Conc: N.D.



#21 Endrin ketone

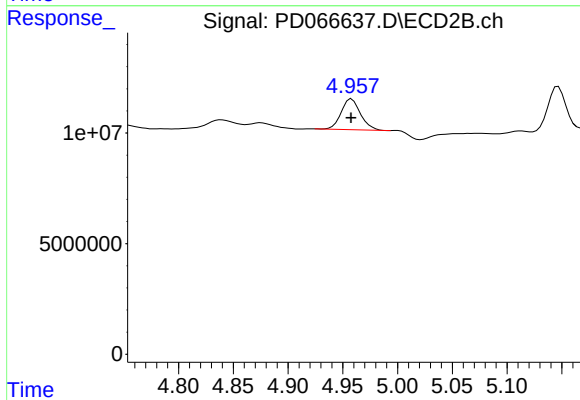
R.T.: 7.729 min
Delta R.T.: 0.022 min
Response: 2126637
Conc: 0.25 ng/ml



#23 Chlordane-1

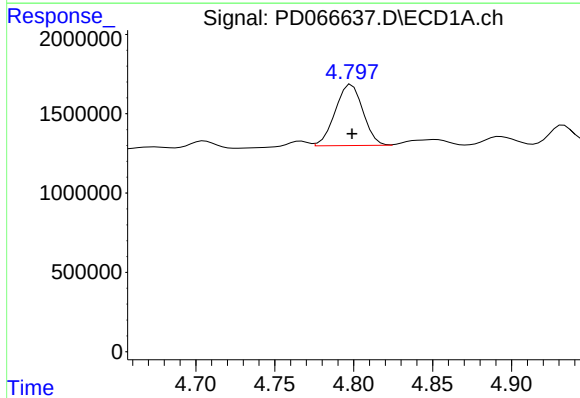
R.T.: 4.301 min
Delta R.T.: 0.000 min
Response: 4015902
Conc: 54.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



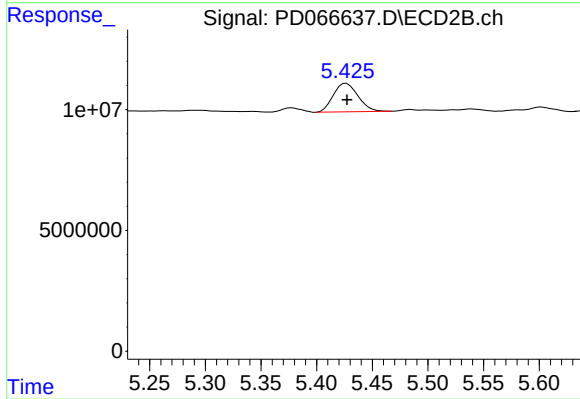
#23 Chlordane-1

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 17078320
Conc: 61.51 ng/ml



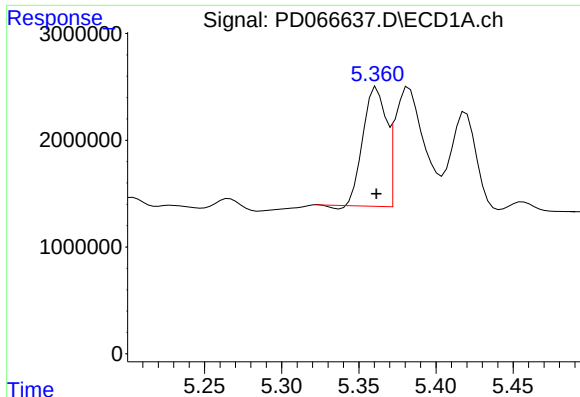
#24 Chlordane-2

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 4710643
Conc: 55.53 ng/ml



#24 Chlordane-2

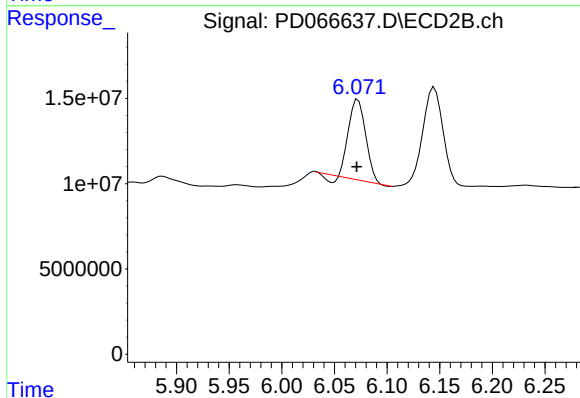
R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 18205111
Conc: 61.38 ng/ml



#25 Chlordane-3

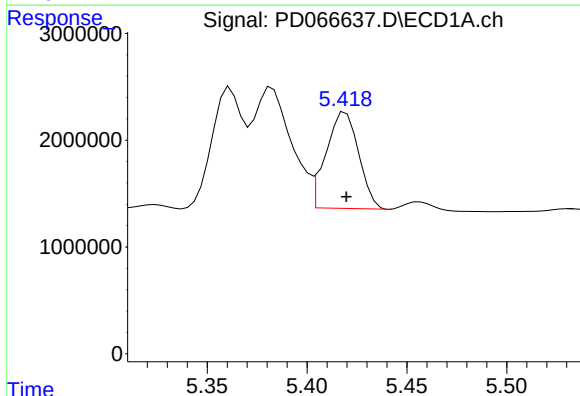
R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 11560090
Conc: 47.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



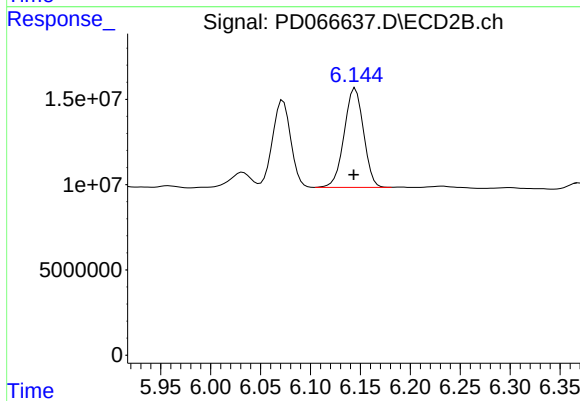
#25 Chlordane-3

R.T.: 6.072 min
Delta R.T.: 0.001 min
Response: 51969623
Conc: 48.20 ng/ml



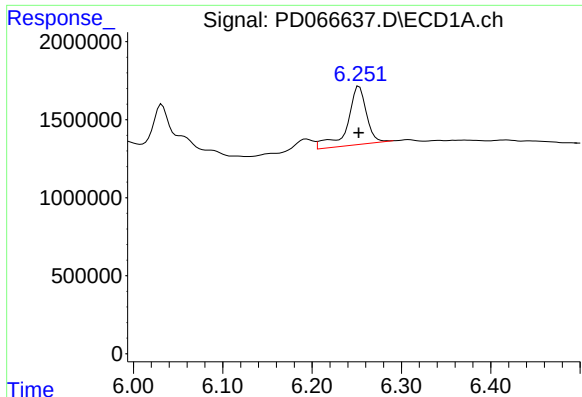
#26 Chlordane-4

R.T.: 5.419 min
Delta R.T.: 0.000 min
Response: 10282463
Conc: 50.48 ng/ml



#26 Chlordane-4

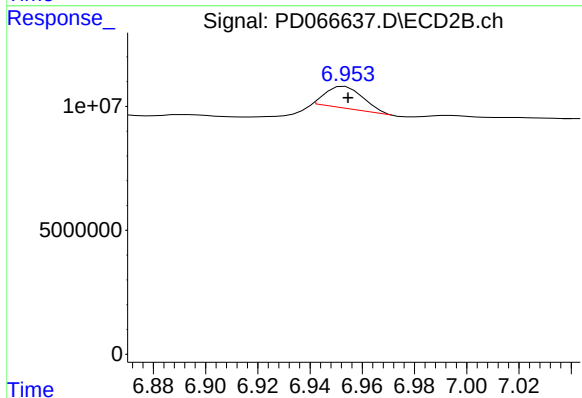
R.T.: 6.145 min
Delta R.T.: 0.001 min
Response: 78589842
Conc: 62.36 ng/ml



#27 Chlordane-5

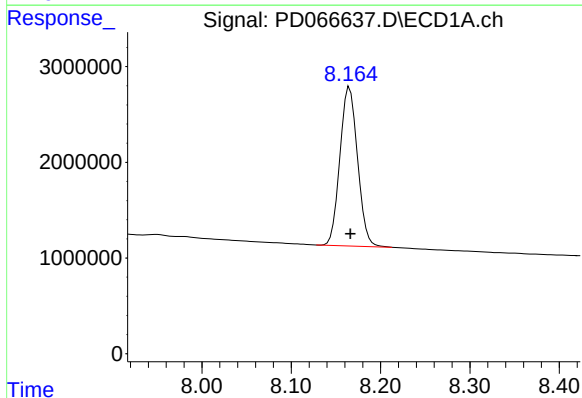
R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 5601900
Conc: 66.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



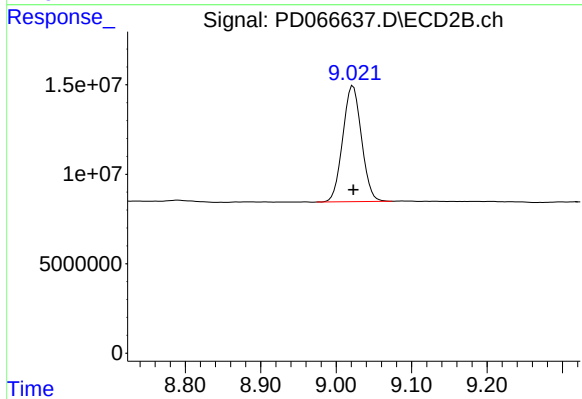
#27 Chlordane-5

R.T.: 6.953 min
Delta R.T.: -0.001 min
Response: 8040075
Conc: 29.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.165 min
Delta R.T.: -0.001 min
Response: 22765840
Conc: 19.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.022 min
Delta R.T.: 0.000 min
Response: 111651168
Conc: 20.73 ng/ml