

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082121\
 Data File : PD065097.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2021 11:28
 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: Aug 21 00:31:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 20 02:25:41 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...	3.496	4.013	20919500	162.1E6	20.352	20.460
28)	SA Decachlor...	8.240	9.083	26187999	101.1E6	23.113	21.358
Target Compounds							
2)	A alpha-BHC	3.935	4.407	14797880	123.1E6	10.340	10.599
3)	MA gamma-BHC...	4.218	4.694	14585074	111.5E6	10.631	10.526
4)	MA Heptachlor	0.000	5.174f	0	7782865	N.D.	0.776 #
6)	B beta-BHC	4.466	4.870	7888836	58549220	3.620	10.039 #
7)	B delta-BHC	0.000	5.094	0	3992510	N.D.	0.411 #
8)	B Heptachlo...	0.000	5.889	0	53361679	N.D.	7.153 #
11)	B alpha-Chl...	0.000	6.188	0	3905857	N.D.	0.525 #
14)	MA Endrin	6.046	6.727	54164470	266.7E6	51.615	43.327
16)	A 4,4'-DDD	6.170	6.851	346809	4254809	0.367	0.724 #
17)	MA 4,4'-DDT	6.408	7.148	99241084	578.5E6	99.791	96.465
20)	A Methoxychlor	6.955	7.607	137.8E6	689.9E6	233.745	227.992
21)	B Endrin ke...	0.000	7.761	0	5575984	N.D.	0.858 #
23)	Chlordane-1	4.394f	0.000	2121089	0	56.007	N.D. #
26)	Chlordane-4	0.000	6.188	0	3905857	N.D.	3.249 #

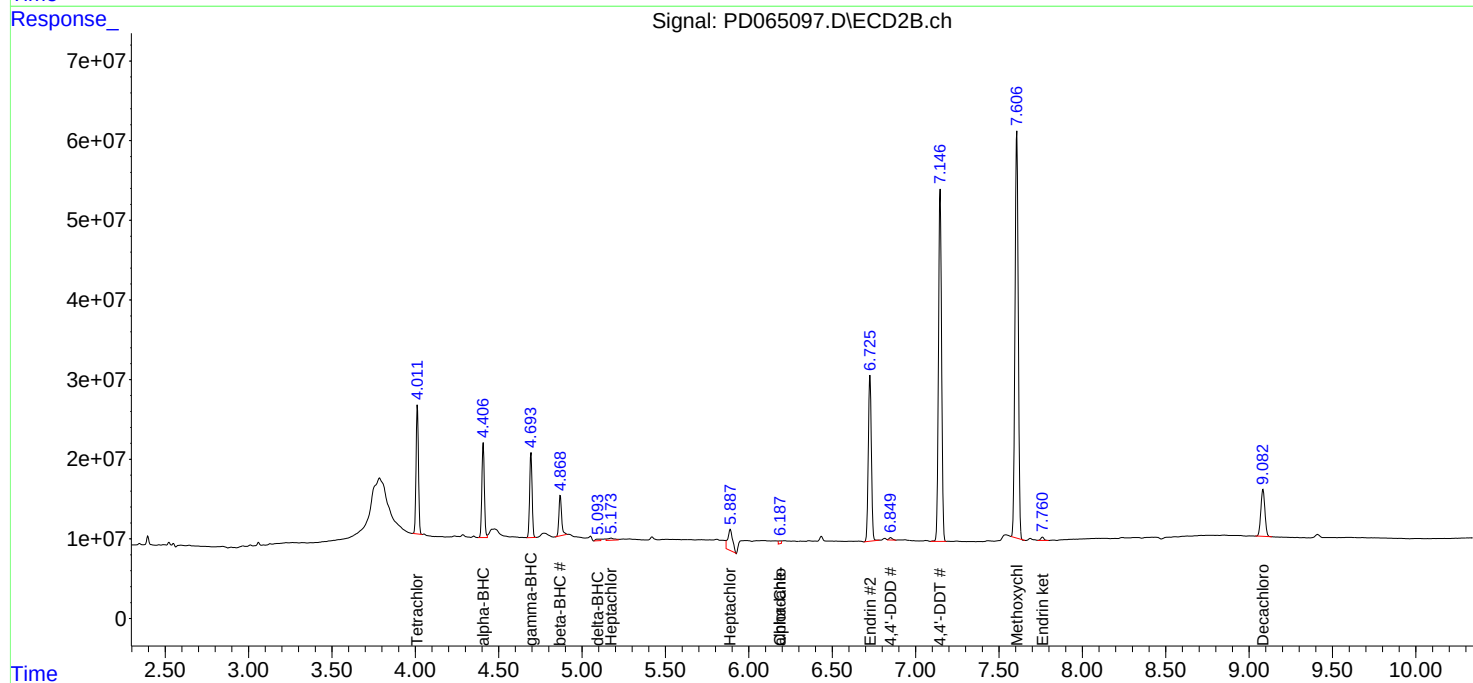
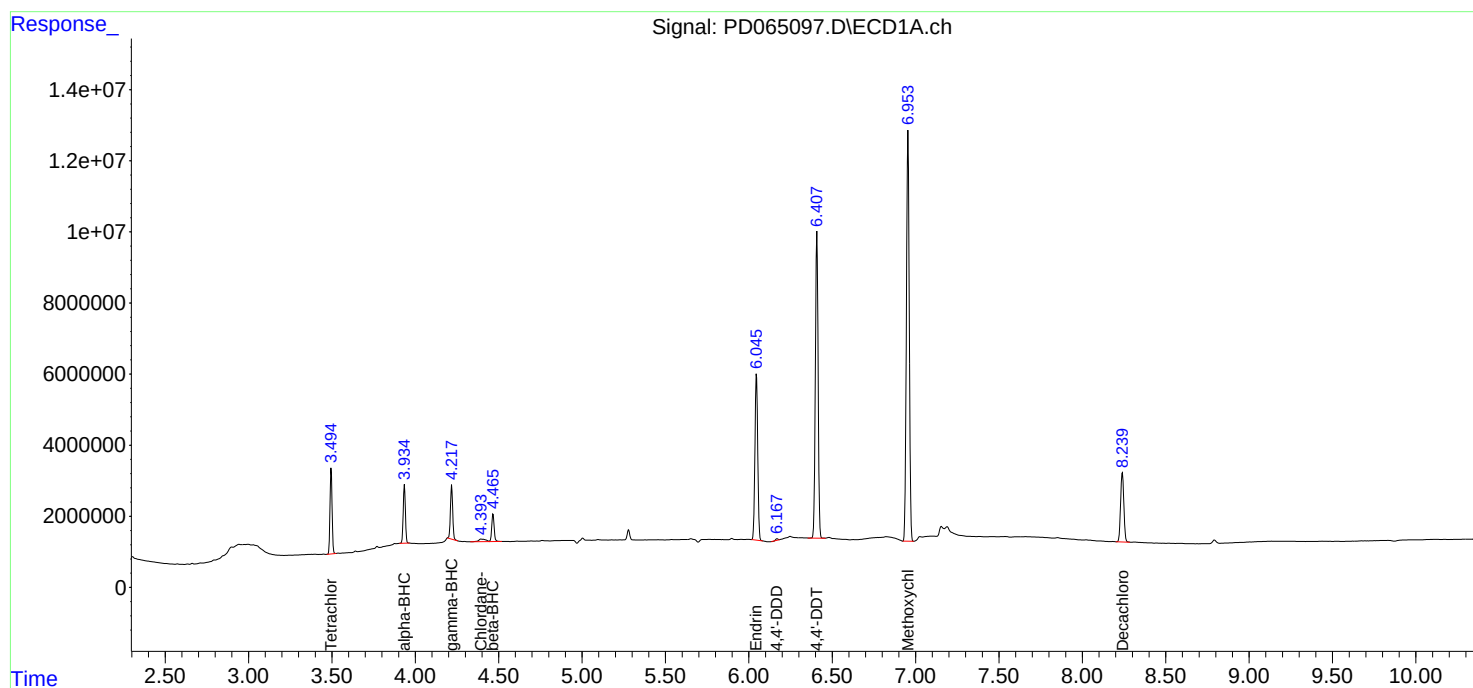
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

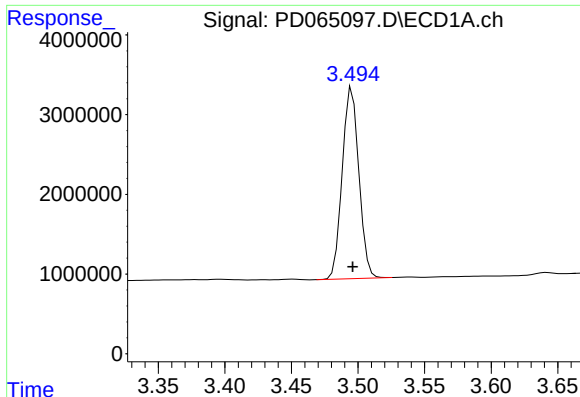
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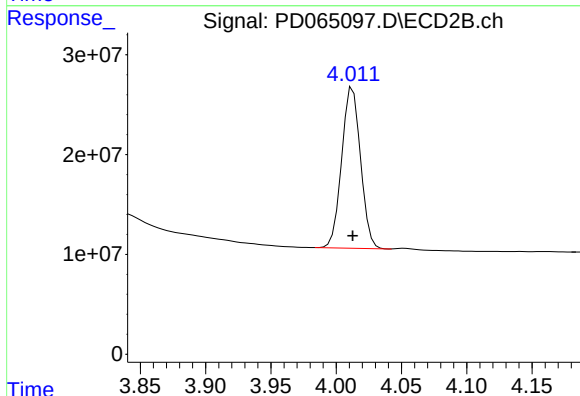




#1 Tetrachloro-m-xylene

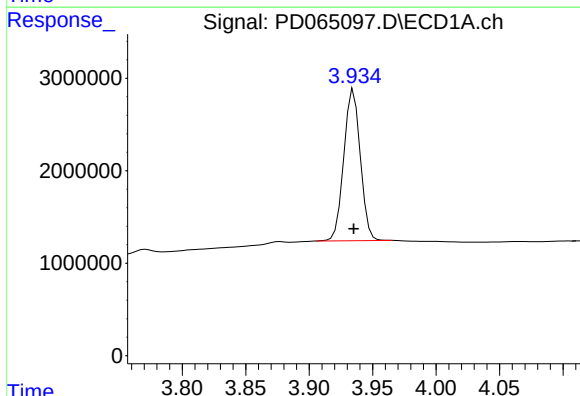
R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 20919500
Conc: 20.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



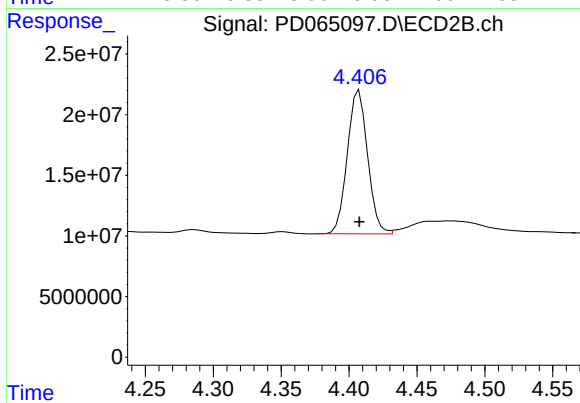
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 162056922
Conc: 20.46 ng/ml



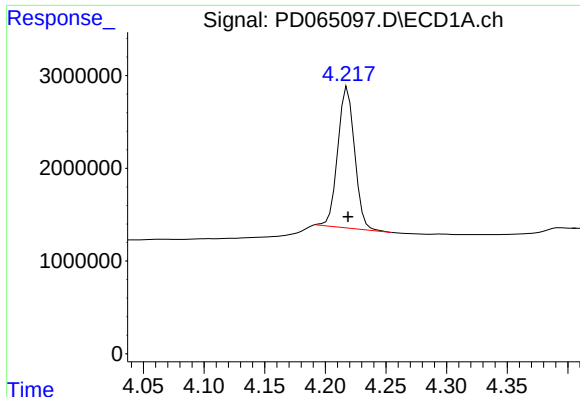
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 14797880
Conc: 10.34 ng/ml



#2 alpha-BHC

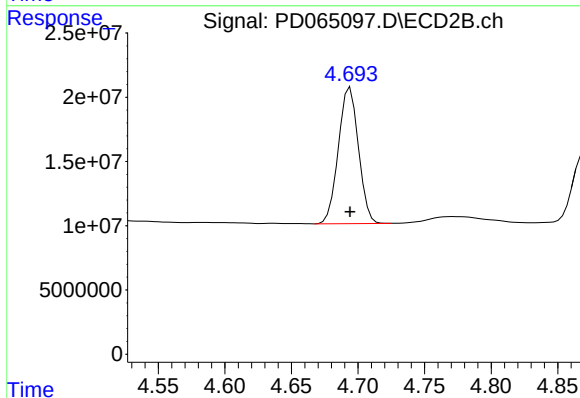
R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 123130325
Conc: 10.60 ng/ml



#3 gamma-BHC (Lindane)

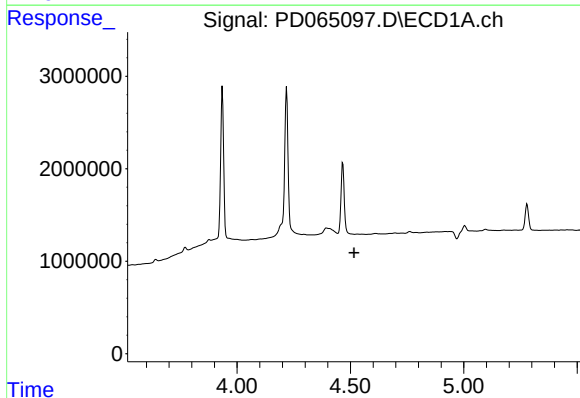
R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 14585074
Conc: 10.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



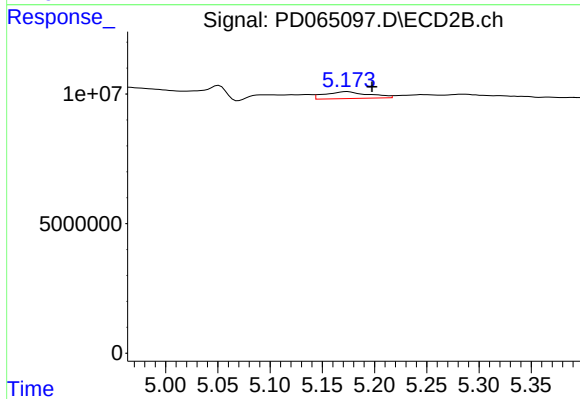
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 111502177
Conc: 10.53 ng/ml



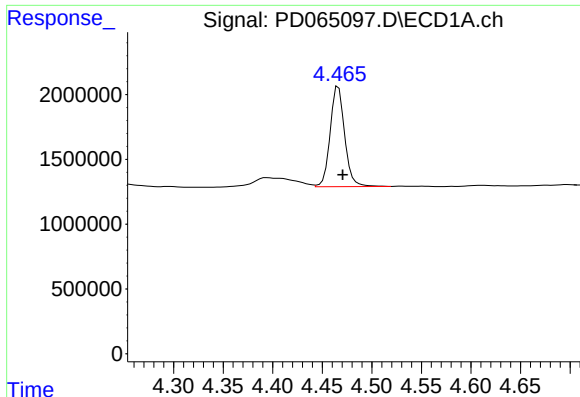
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.517 min
Response: 0
Conc: N.D.



#4 Heptachlor

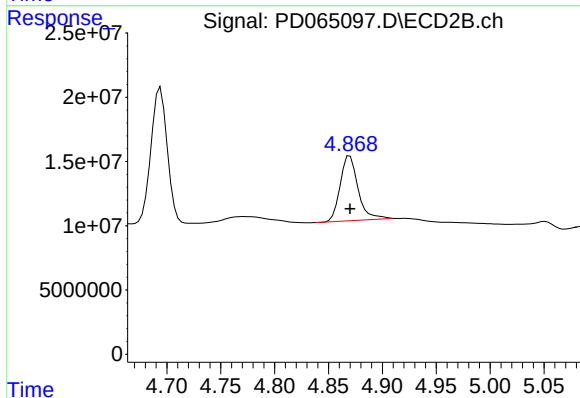
R.T.: 5.174 min
Delta R.T.: -0.024 min
Response: 7782865
Conc: 0.78 ng/ml



#6 beta-BHC

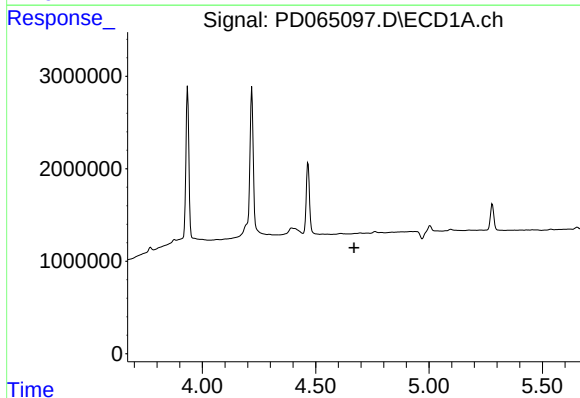
R.T.: 4.466 min
Delta R.T.: -0.004 min
Response: 7888836
Conc: 3.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



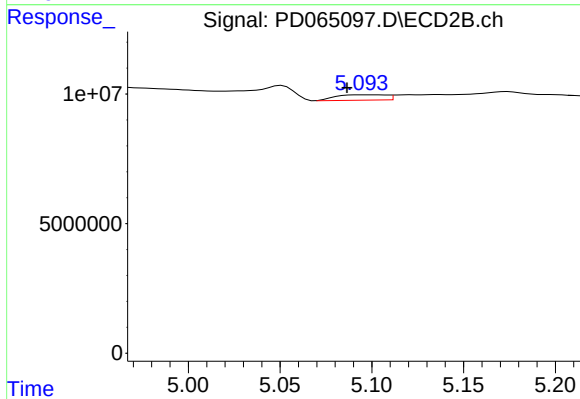
#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 58549220
Conc: 10.04 ng/ml



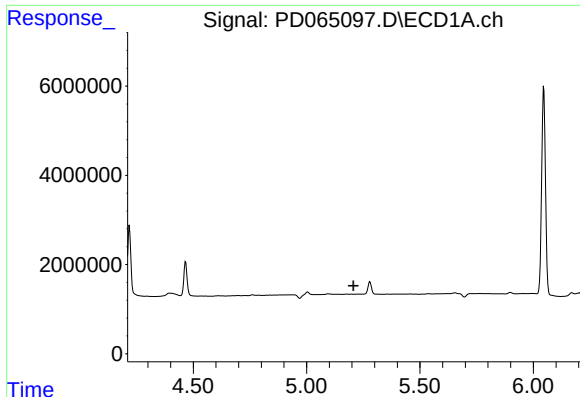
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.670 min
Response: 0
Conc: N.D.



#7 delta-BHC

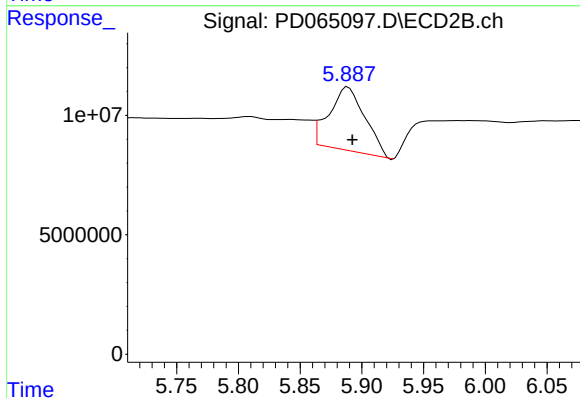
R.T.: 5.094 min
Delta R.T.: 0.008 min
Response: 3992510
Conc: 0.41 ng/ml



#8 Heptachlor epoxide

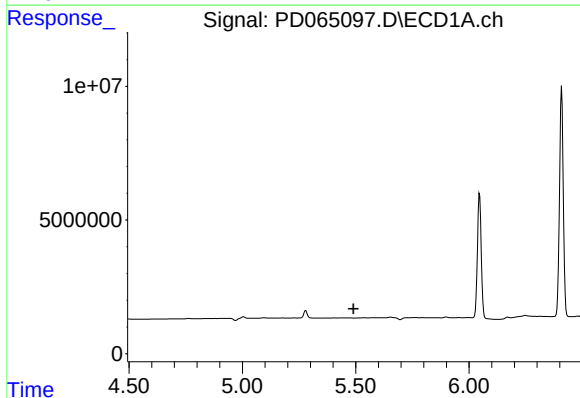
R.T.: 0.000 min
Exp R.T.: 5.207 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



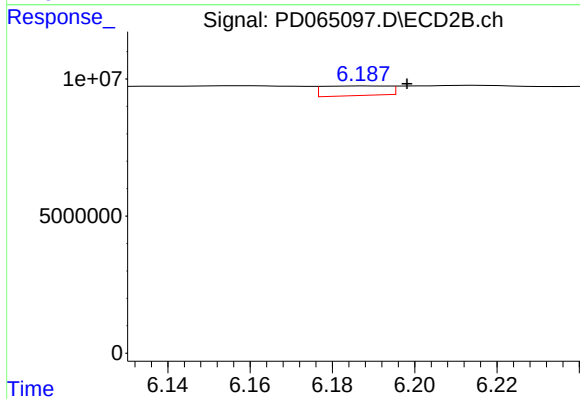
#8 Heptachlor epoxide

R.T.: 5.889 min
Delta R.T.: -0.003 min
Response: 53361679
Conc: 7.15 ng/ml



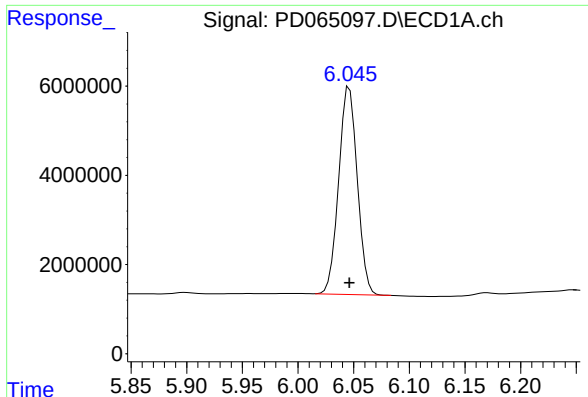
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.491 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

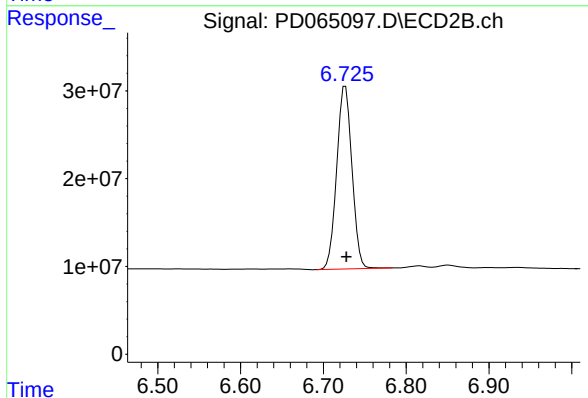
R.T.: 6.188 min
Delta R.T.: -0.010 min
Response: 3905857
Conc: 0.52 ng/ml



#14 Endrin

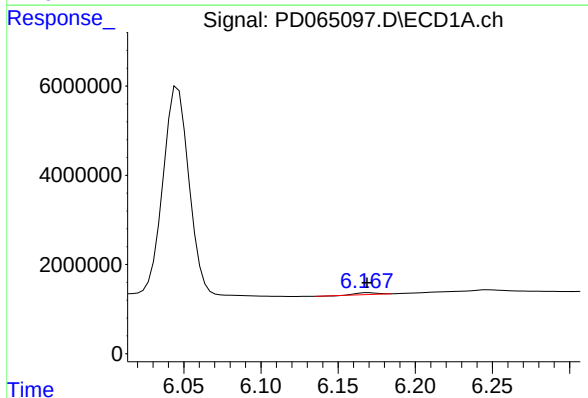
R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 54164470
Conc: 51.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



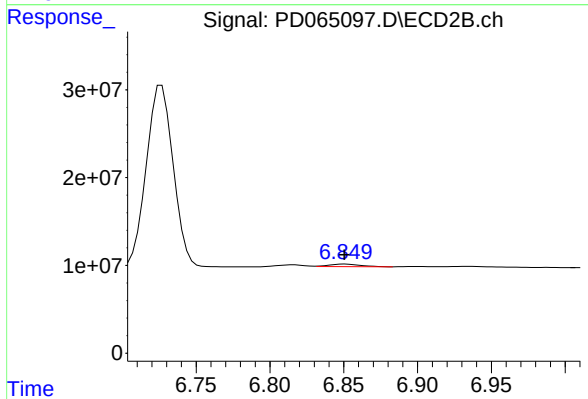
#14 Endrin

R.T.: 6.727 min
Delta R.T.: -0.001 min
Response: 266668725
Conc: 43.33 ng/ml



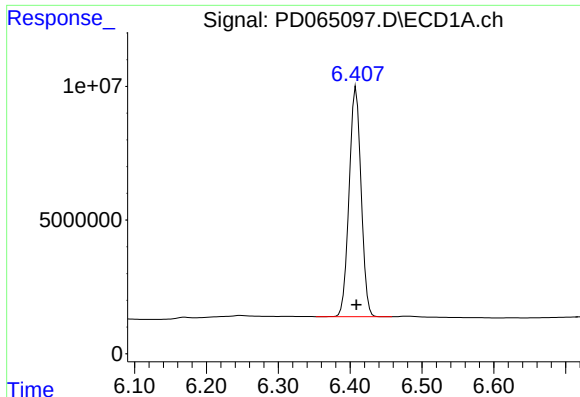
#16 4,4'-DDD

R.T.: 6.170 min
Delta R.T.: 0.001 min
Response: 346809
Conc: 0.37 ng/ml



#16 4,4'-DDD

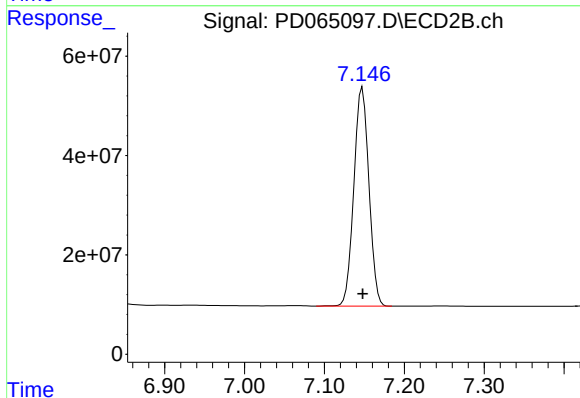
R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 4254809
Conc: 0.72 ng/ml



#17 4,4'-DDT

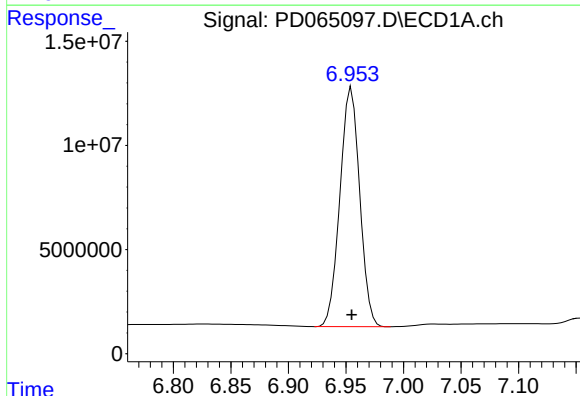
R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 99241084
Conc: 99.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



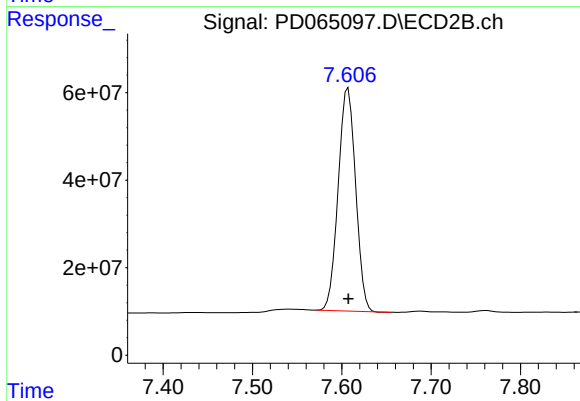
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 578492502
Conc: 96.46 ng/ml



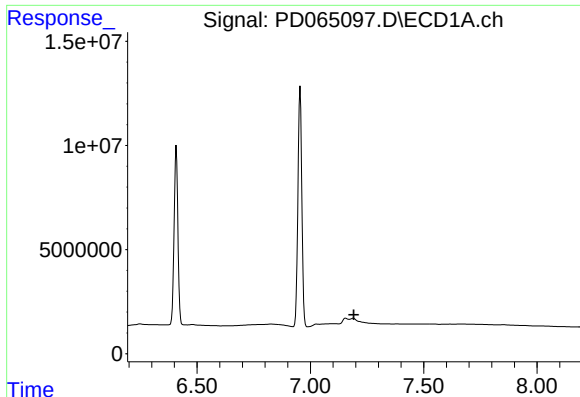
#20 Methoxychlor

R.T.: 6.955 min
Delta R.T.: 0.000 min
Response: 137774630
Conc: 233.75 ng/ml



#20 Methoxychlor

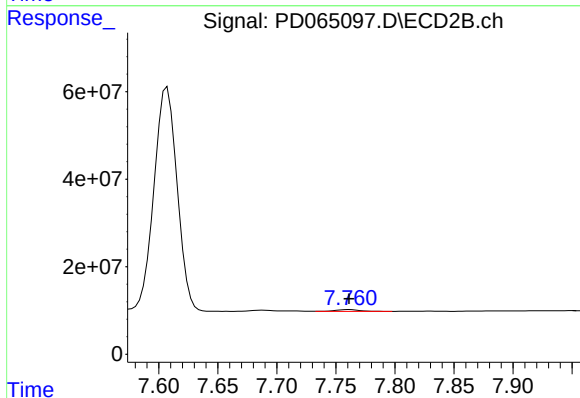
R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 689930967
Conc: 227.99 ng/ml



#21 Endrin ketone

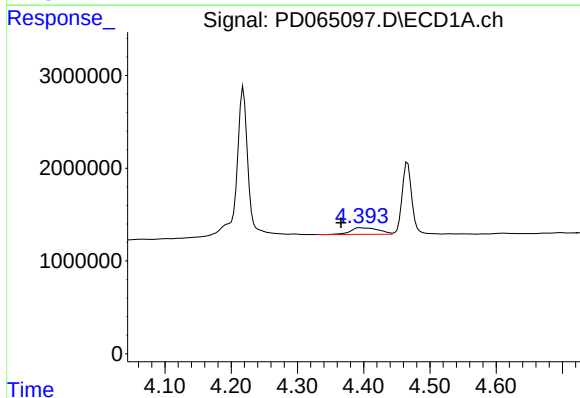
R.T.: 0.000 min
Exp R.T.: 7.192 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



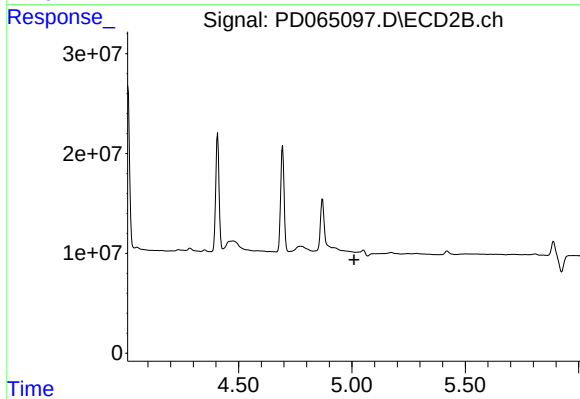
#21 Endrin ketone

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 5575984
Conc: 0.86 ng/ml



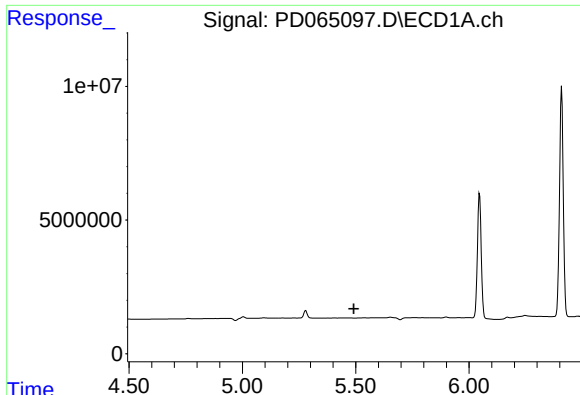
#23 Chlordane-1

R.T.: 4.394 min
Delta R.T.: 0.028 min
Response: 2121089
Conc: 56.01 ng/ml



#23 Chlordane-1

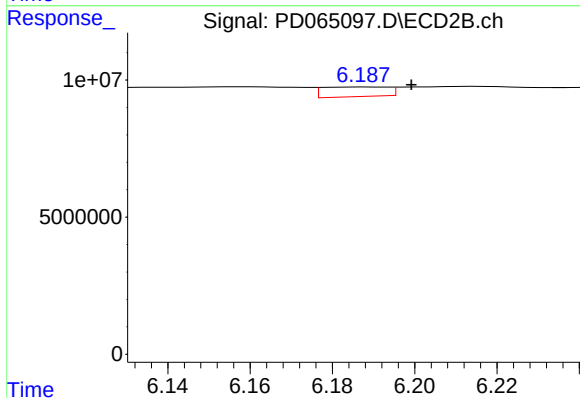
R.T.: 0.000 min
Exp R.T.: 5.009 min
Response: 0
Conc: N.D.



#26 Chlordane-4

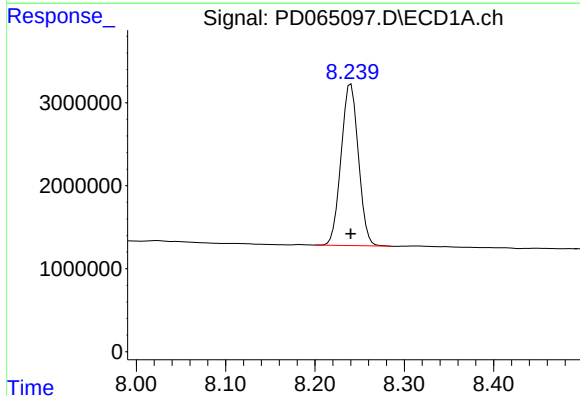
R.T.: 0.000 min
Exp R.T.: 5.491 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



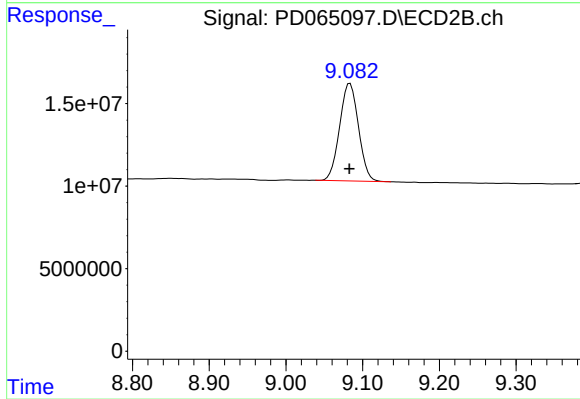
#26 Chlordane-4

R.T.: 6.188 min
Delta R.T.: -0.011 min
Response: 3905857
Conc: 3.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 26187999
Conc: 23.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 101079399
Conc: 21.36 ng/ml