

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031423\
 Data File : PD074211.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2023 20:59
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 05:08:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 15 05:04:28 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.550	2.771	46012414	23535756	19.726	19.339
2)	SA Decachlor...	9.099	7.926	53435628	24981302	19.979	20.361
Target Compounds							
2)	A alpha-BHC	4.007	3.275	35596585	17024395	9.173	9.161
3)	MA gamma-BHC...	4.341	3.605	33932103	15766573	9.672	9.203
4)	MA Heptachlor	4.949f	0.000	204737	0	0.060	N.D. #
6)	B beta-BHC	4.535	3.901	15938813	8050374	10.785	10.661
7)	B delta-BHC	4.777	0.000	2800128	0	1.020	N.D. #
8)	B Heptachlo...	5.695	0.000	1810739	0	0.644	N.D. #
9)	A Endosulfan I	6.103	0.000	248918	0	0.088	N.D. #
12)	B 4,4'-DDE	6.214	5.239	468586	522204	0.170	0.370 #
13)	MA Dieldrin	6.391f	0.000	103028	0	0.035	N.D. #
14)	MA Endrin	6.598	5.643	113.2E6	60892150	45.570	46.590
15)	B Endosulfa...	6.832f	5.956f	1902541	823440	0.739	0.654
16)	A 4,4'-DDD	6.731	5.793	2165062	1754931	0.965	1.503 #
17)	MA 4,4'-DDT	7.046	6.044	242.0E6	123.2E6	94.942	100.332
18)	B Endrin al...	6.947	6.119	3454958	2930264	1.728	2.885 #
19)	B Endosulfa...	0.000	6.329	0	406534	N.D.	0.333 #
20)	A Methoxychlor	7.522	6.620	327.8E6	155.2E6	234.260	229.409
21)	B Endrin ke...	7.669	6.847	6862055	4210210	2.465	2.854
27)	Chlordane-5	0.000	5.956	0	823440	N.D.	13.374 #

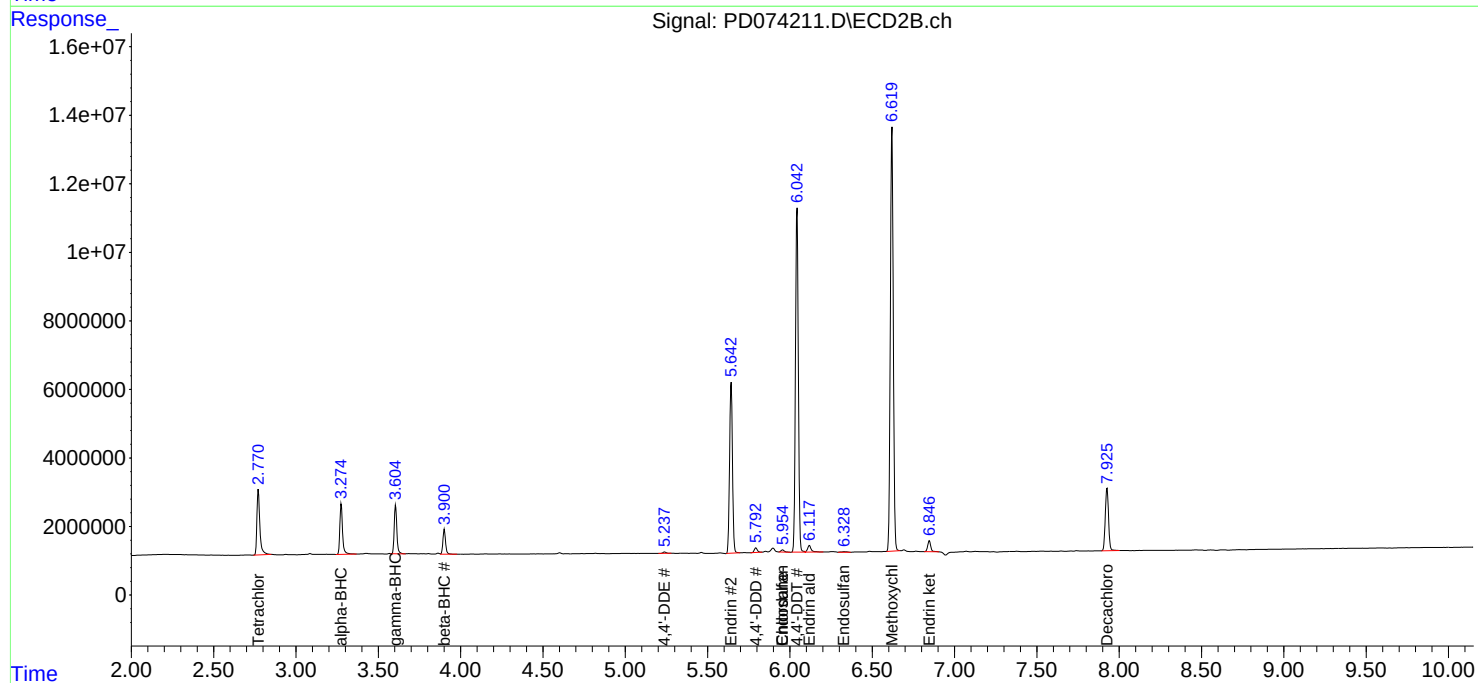
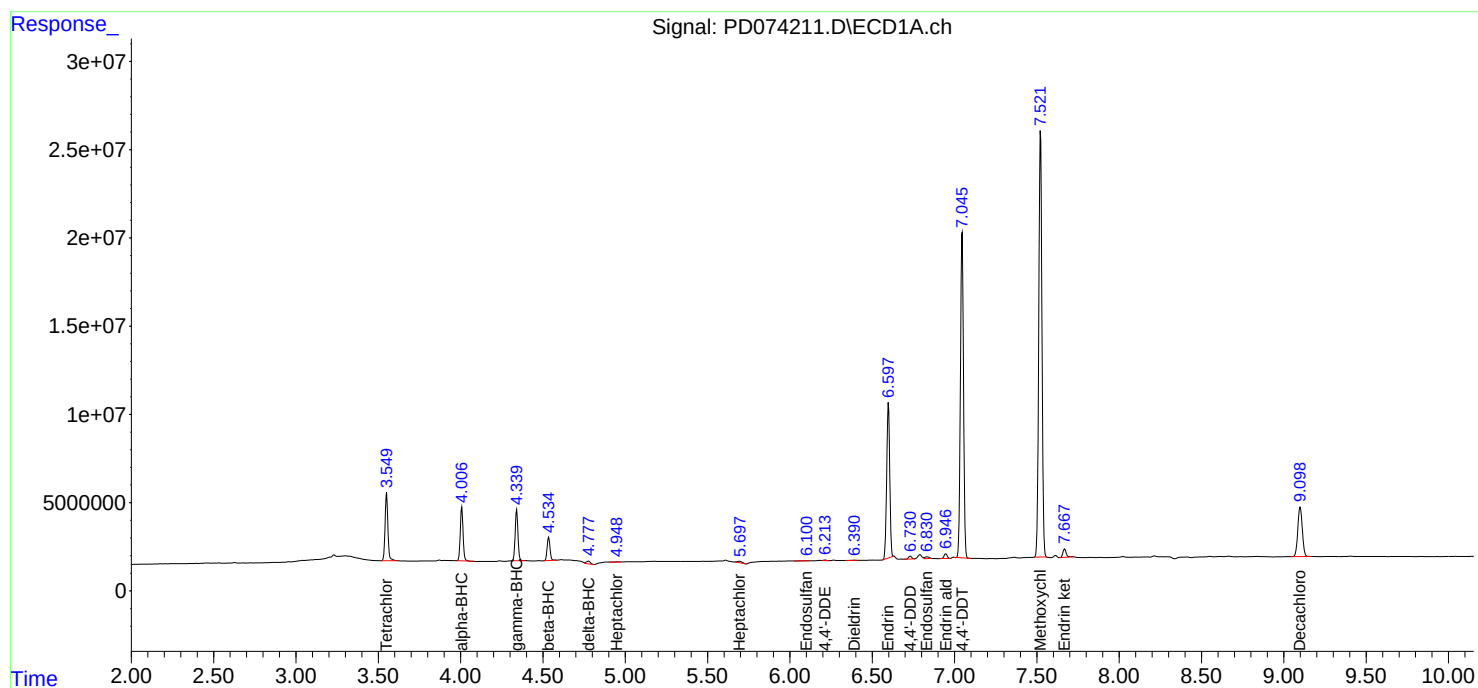
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

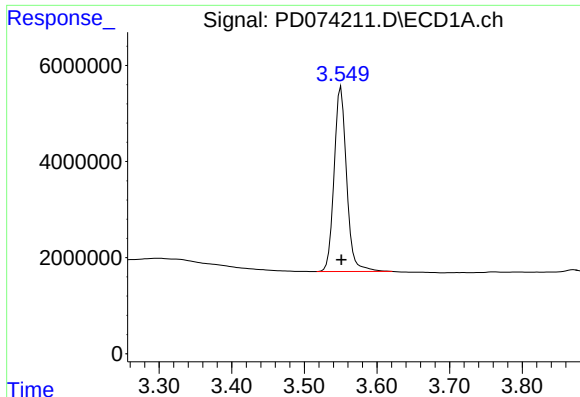
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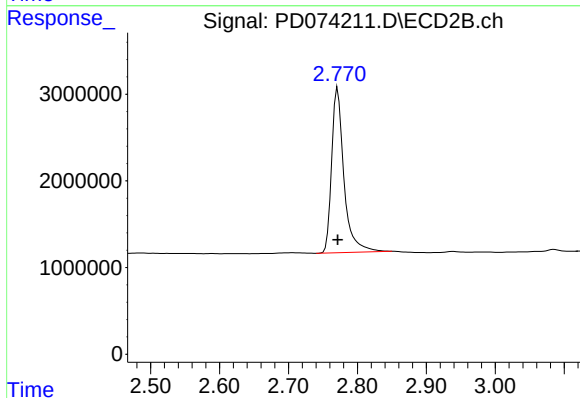




#1 Tetrachloro-m-xylene

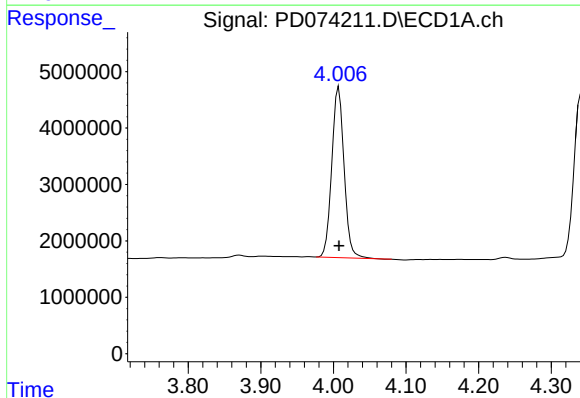
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 46012414
Conc: 19.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



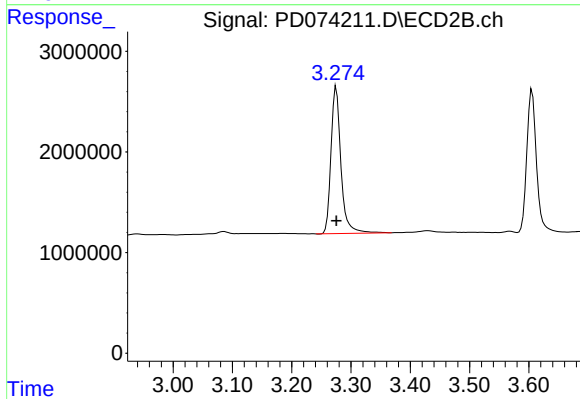
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 23535756
Conc: 19.34 ng/ml



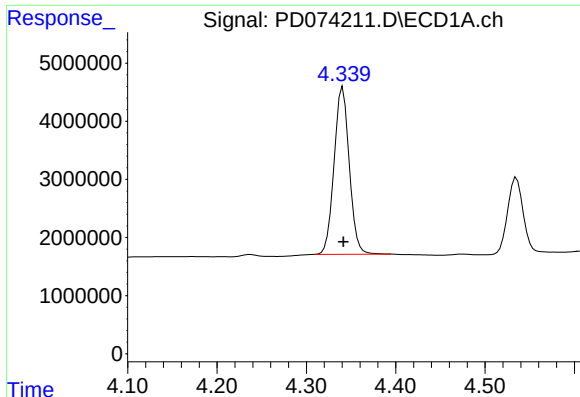
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 35596585
Conc: 9.17 ng/ml



#2 alpha-BHC

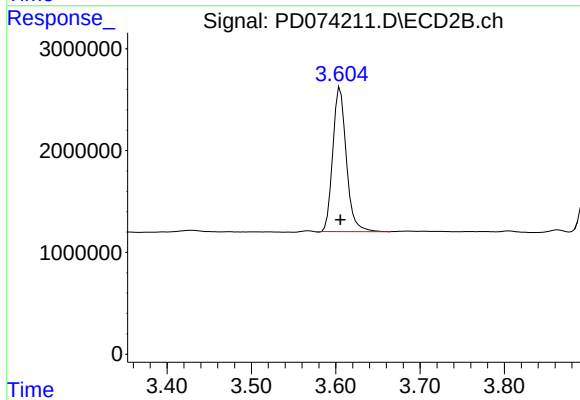
R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 17024395
Conc: 9.16 ng/ml



#3 gamma-BHC (Lindane)

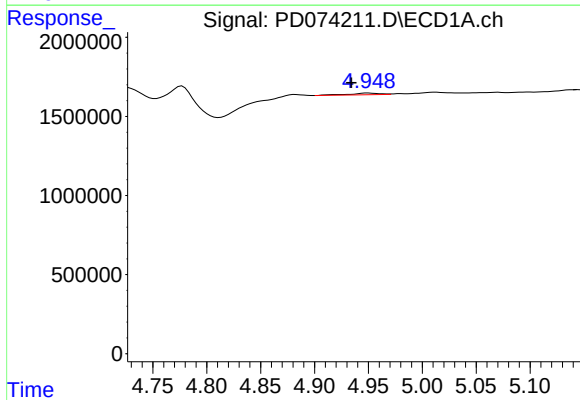
R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 33932103
Conc: 9.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



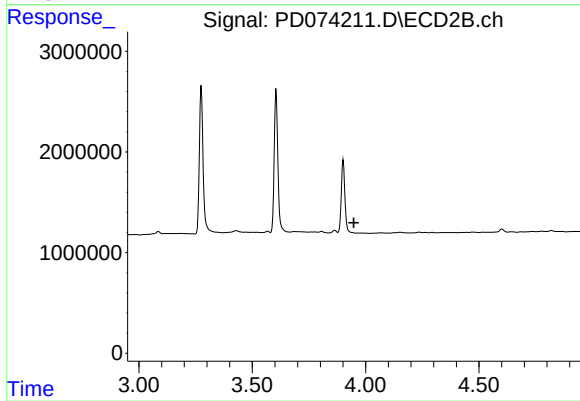
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.000 min
Response: 15766573
Conc: 9.20 ng/ml



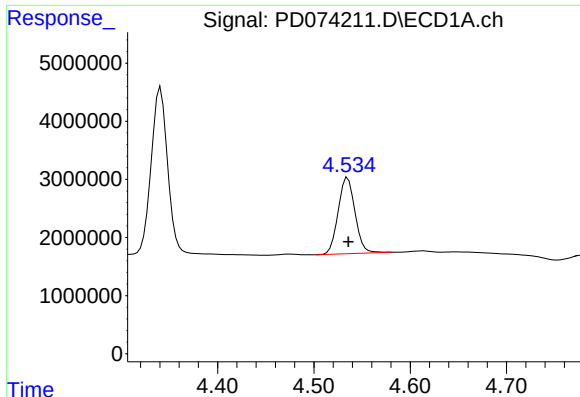
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.015 min
Response: 204737
Conc: 0.06 ng/ml



#4 Heptachlor

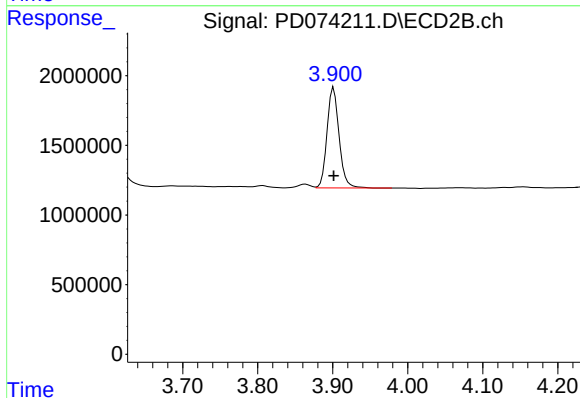
R.T.: 0.000 min
Exp R.T. : 3.948 min
Response: 0
Conc: N.D.



#6 beta-BHC

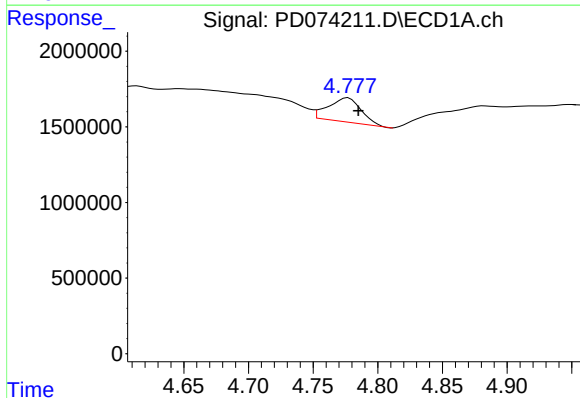
R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 15938813
Conc: 10.78 ng/ml

Instrument :
ECD_D
ClientSampleId :



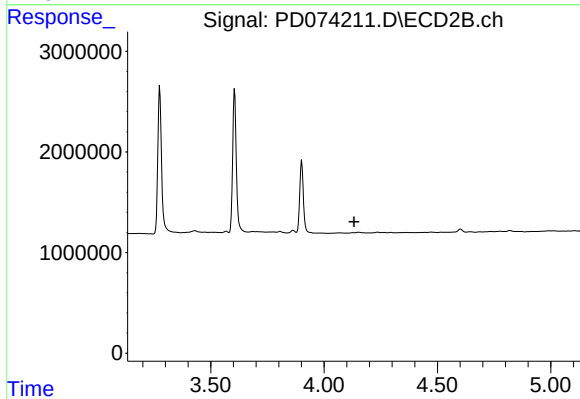
#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 8050374
Conc: 10.66 ng/ml



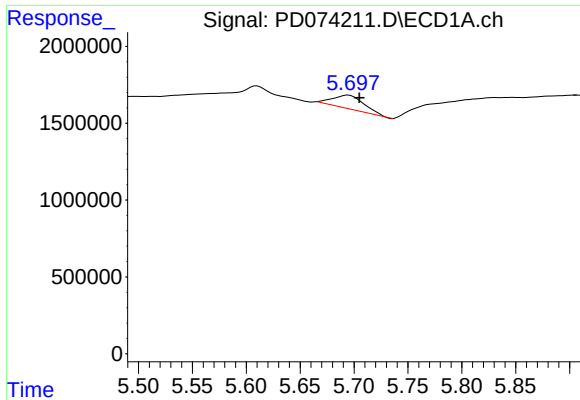
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: -0.008 min
Response: 2800128
Conc: 1.02 ng/ml



#7 delta-BHC

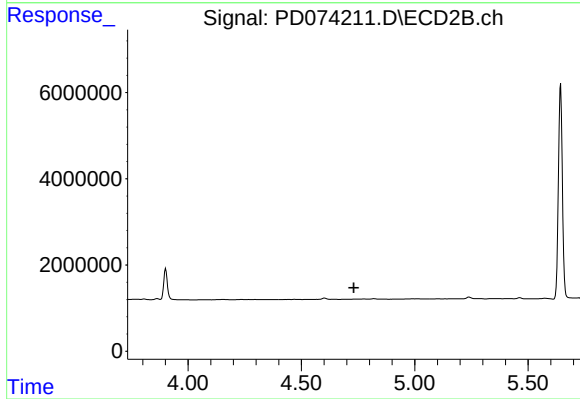
R.T.: 0.000 min
Exp R.T. : 4.132 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

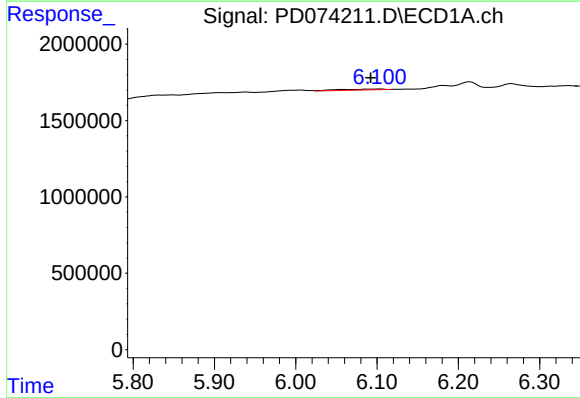
R.T.: 5.695 min
Delta R.T.: -0.010 min
Response: 1810739
Conc: 0.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



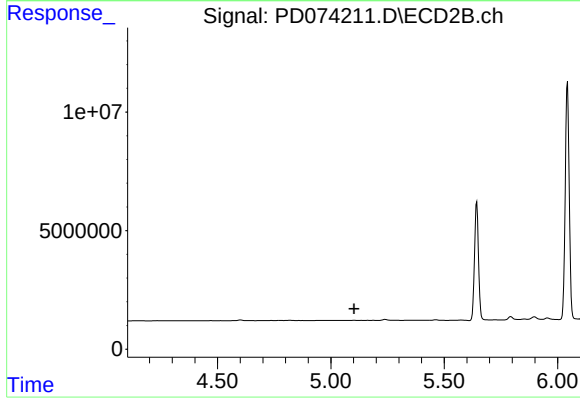
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.731 min
Response: 0
Conc: N.D.



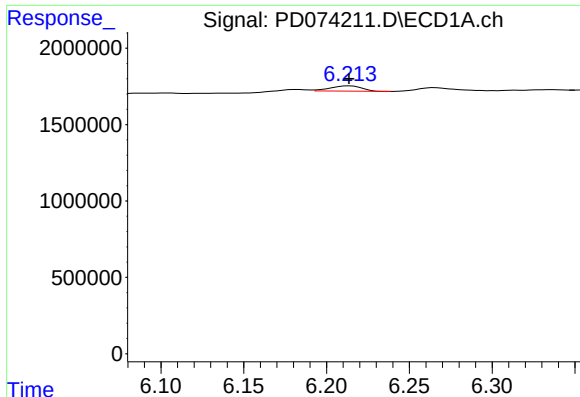
#9 Endosulfan I

R.T.: 6.103 min
Delta R.T.: 0.011 min
Response: 248918
Conc: 0.09 ng/ml



#9 Endosulfan I

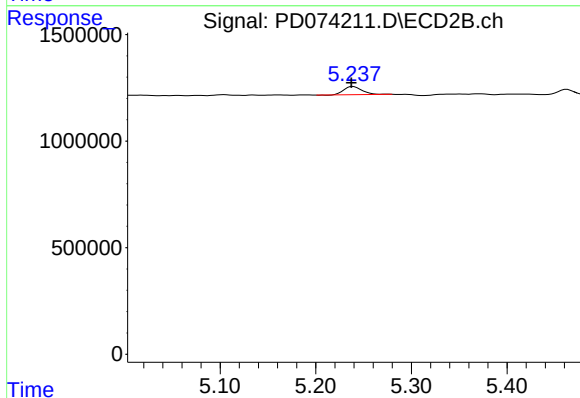
R.T.: 0.000 min
Exp R.T. : 5.103 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

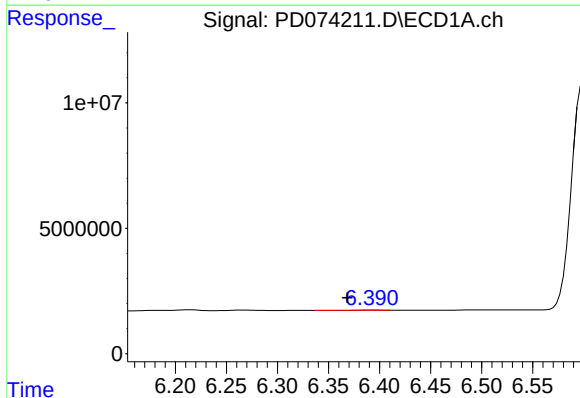
R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 468586
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



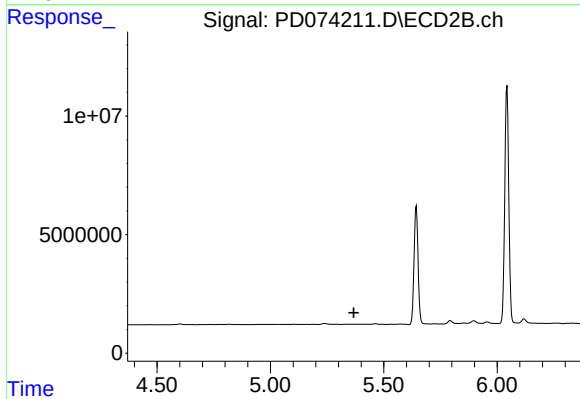
#12 4,4'-DDE

R.T.: 5.239 min
Delta R.T.: 0.002 min
Response: 522204
Conc: 0.37 ng/ml



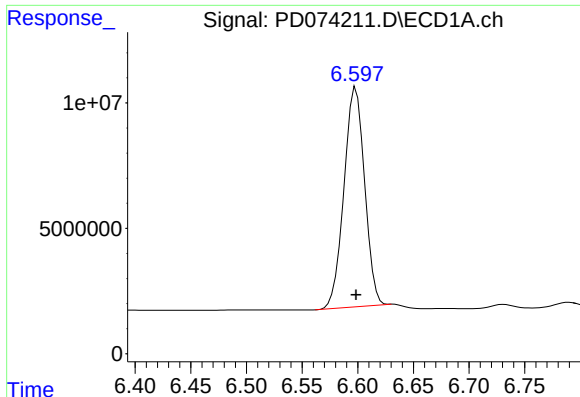
#13 Dieldrin

R.T.: 6.391 min
Delta R.T.: 0.023 min
Response: 103028
Conc: 0.03 ng/ml



#13 Dieldrin

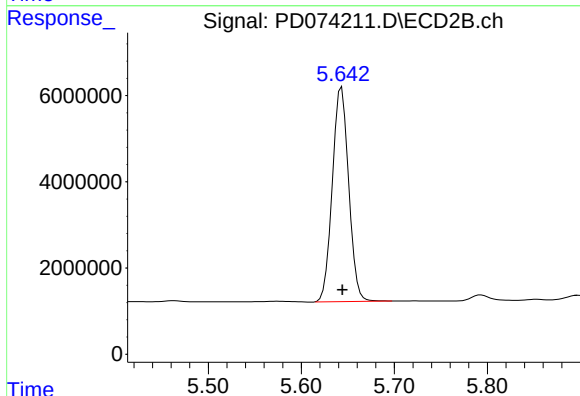
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#14 Endrin

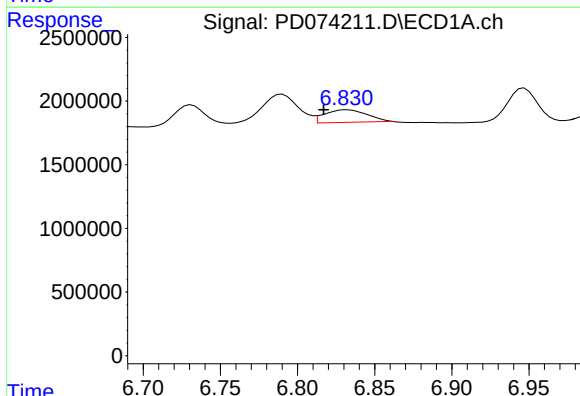
R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 113245603
Conc: 45.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



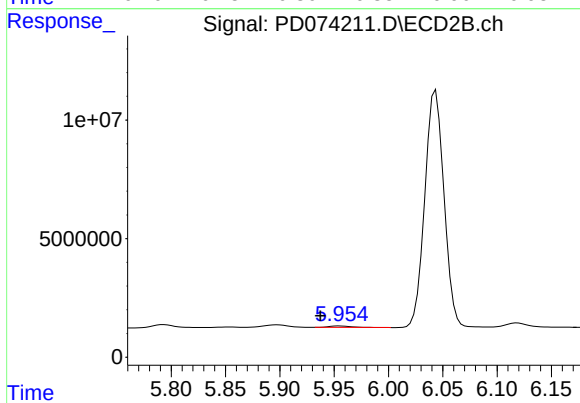
#14 Endrin

R.T.: 5.643 min
Delta R.T.: 0.000 min
Response: 60892150
Conc: 46.59 ng/ml



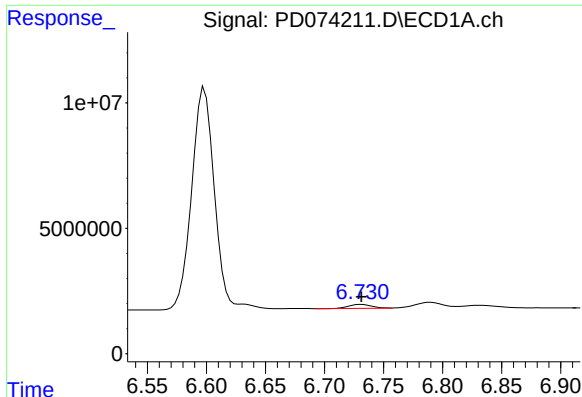
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.015 min
Response: 1902541
Conc: 0.74 ng/ml



#15 Endosulfan II

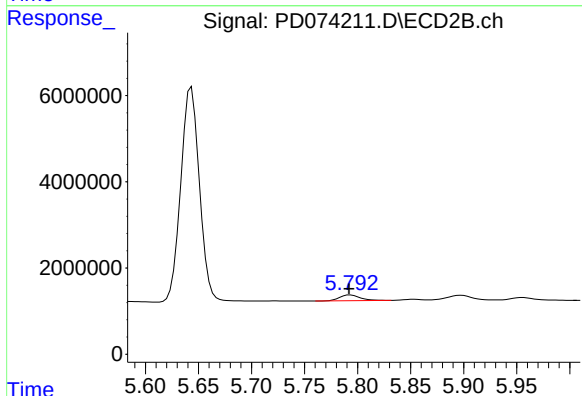
R.T.: 5.956 min
Delta R.T.: 0.018 min
Response: 823440
Conc: 0.65 ng/ml



#16 4,4'-DDD

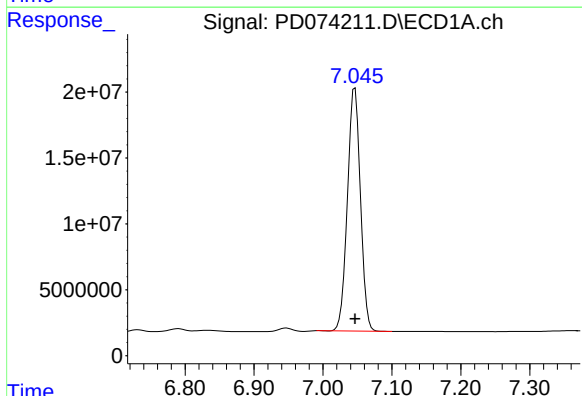
R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 2165062
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



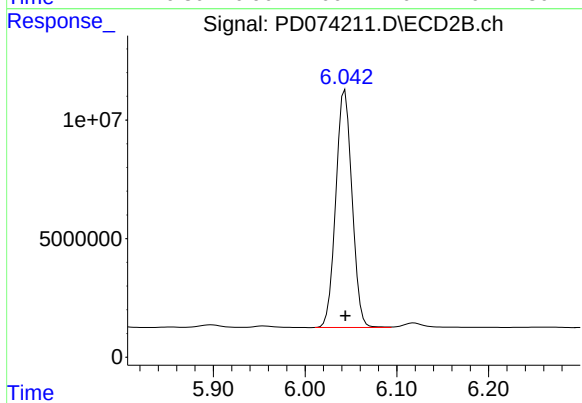
#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: 0.001 min
Response: 1754931
Conc: 1.50 ng/ml



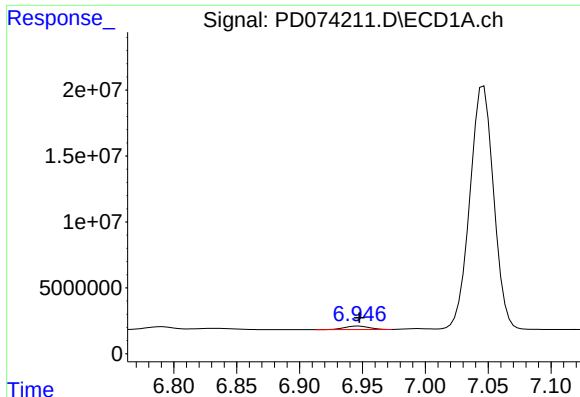
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: 0.000 min
Response: 242012557
Conc: 94.94 ng/ml



#17 4,4'-DDT

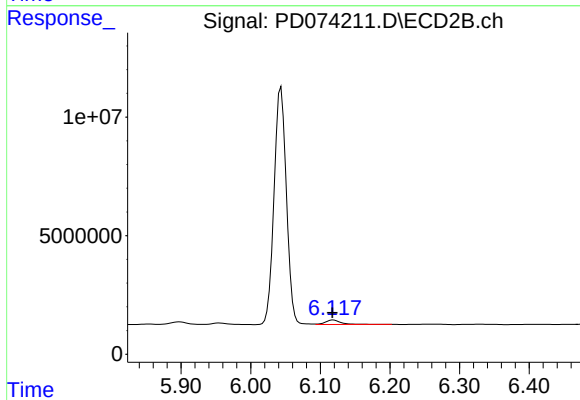
R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 123209133
Conc: 100.33 ng/ml



#18 Endrin aldehyde

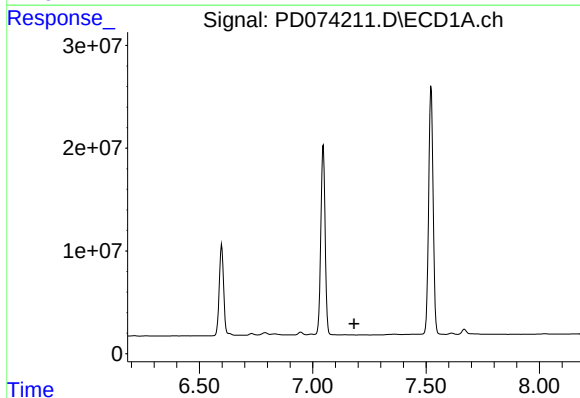
R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 3454958
Conc: 1.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



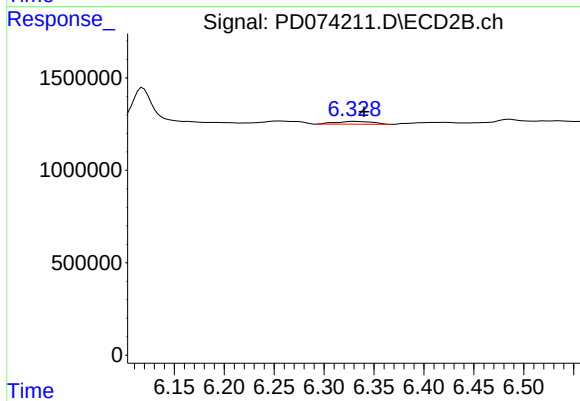
#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: 0.001 min
Response: 2930264
Conc: 2.89 ng/ml



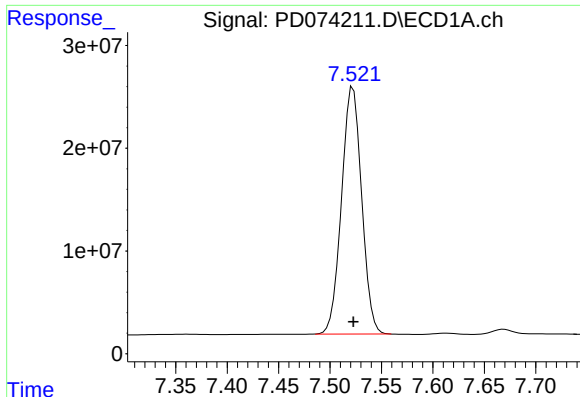
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.183 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

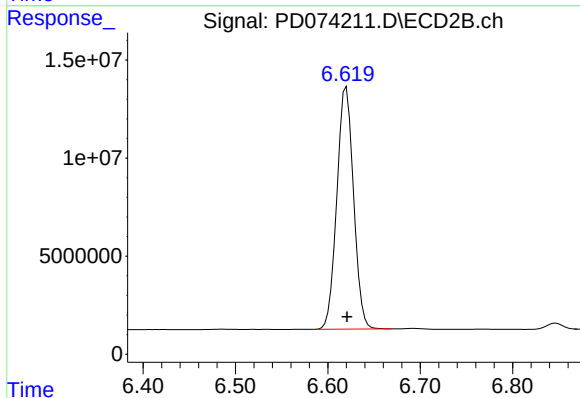
R.T.: 6.329 min
Delta R.T.: -0.011 min
Response: 406534
Conc: 0.33 ng/ml



#20 Methoxychlor

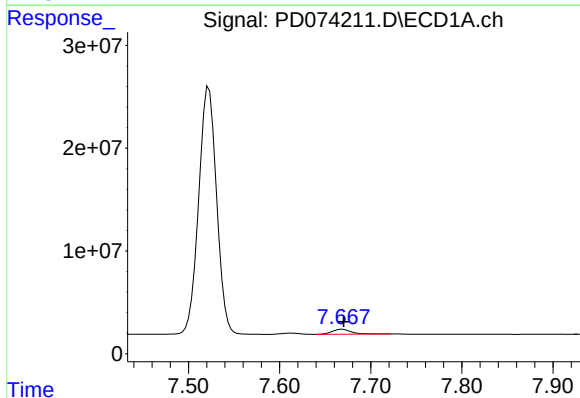
R.T.: 7.522 min
Delta R.T.: 0.000 min
Response: 327773137
Conc: 234.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



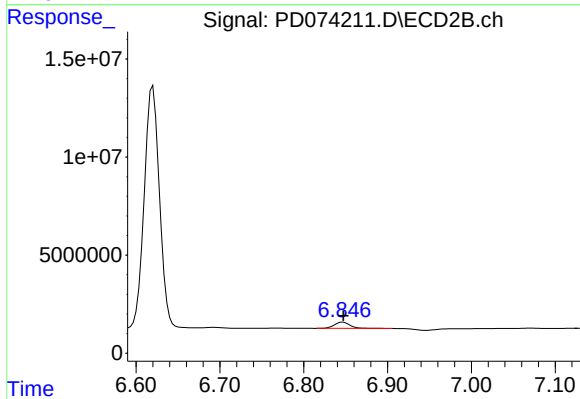
#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: 0.000 min
Response: 155224369
Conc: 229.41 ng/ml



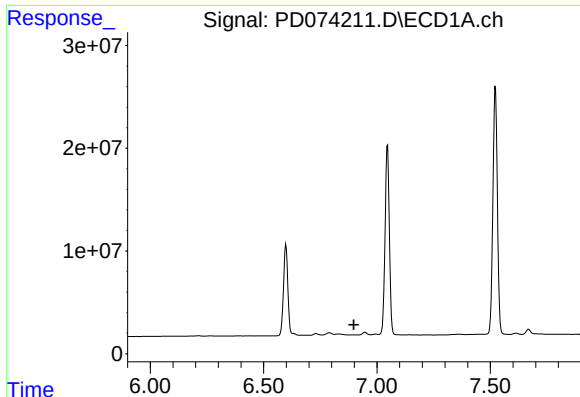
#21 Endrin ketone

R.T.: 7.669 min
Delta R.T.: -0.002 min
Response: 6862055
Conc: 2.47 ng/ml



#21 Endrin ketone

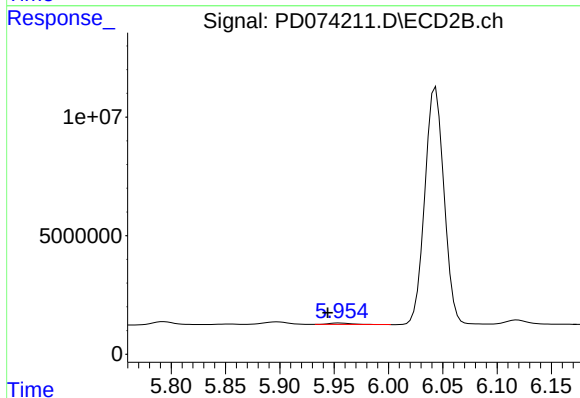
R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 4210210
Conc: 2.85 ng/ml



#27 Chlordane-5

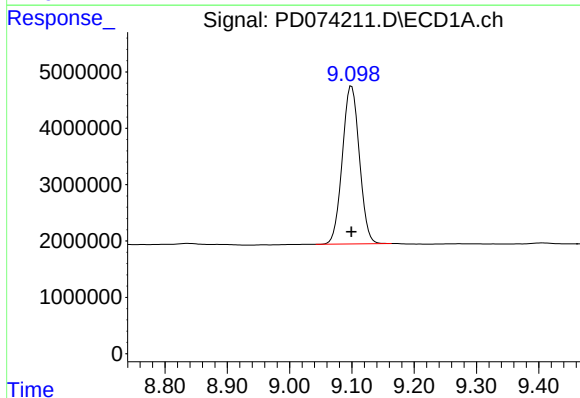
R.T.: 0.000 min
Exp R.T.: 6.898 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



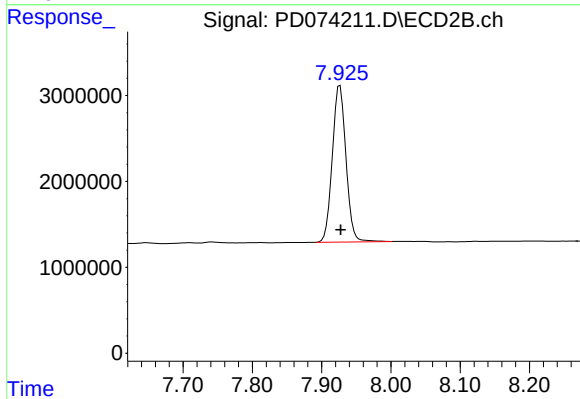
#27 Chlordane-5

R.T.: 5.956 min
Delta R.T.: 0.012 min
Response: 823440
Conc: 13.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.099 min
Delta R.T.: 0.000 min
Response: 53435628
Conc: 19.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 24981302
Conc: 20.36 ng/ml