

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041823\
 Data File : PD074768.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Apr 2023 09:40
 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: Apr 18 16:11:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041823.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 18 13:17:37 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...	3.547	2.768	41891689	23363801	17.563	17.923
28)	SA Decachlor...	9.095	7.920	55766200	24470761	18.364	18.346
Target Compounds							
2)	A alpha-BHC	4.004	3.272	32888143	16655619	7.907	8.530
3)	MA gamma-BHC...	4.338	3.601	32025124	15373157	8.252	8.471
5)	MB Aldrin	5.270	0.000	320757	0	0.083	N.D. #
6)	B beta-BHC	4.533	3.897	15401205	7916189	9.181	9.746
8)	B Heptachlo...	5.690	0.000	1292300	0	0.400	N.D. #
9)	A Endosulfan I	6.083	0.000	1287638	0	0.395	N.D. #
10)	B gamma-Chl...	5.958	0.000	2506088	0	0.723	N.D. #
11)	B alpha-Chl...	6.029	0.000	391400	0	0.113	N.D. #
12)	B 4,4'-DDE	6.211	5.234	322967	402483	0.101	0.257 #
14)	MA Endrin	6.595	5.638	116.4E6	62280512	40.052	41.273
15)	B Endosulfa...	6.831f	5.950f	1757611	625588	0.613	0.455 #
16)	A 4,4'-DDD	6.729	5.789	879810	849419	0.332	0.644 #
17)	MA 4,4'-DDT	7.042	6.038	250.8E6	122.2E6	86.094	90.472
18)	B Endrin al...	6.943	6.113	2897247	2389883	1.262	2.141 #
20)	A Methoxychlor	7.518	6.614	344.6E6	157.5E6	211.577	209.005
21)	B Endrin ke...	7.665	6.842	6489402	3177945	1.992	1.945
22)	Mirex	0.000	7.040	0	178181	N.D.	0.138 #
24)	Chlordane-2	5.270f	0.000	320757	0	2.451	N.D. #
25)	Chlordane-3	5.958	0.000	2506088	0	5.062	N.D. #
26)	Chlordane-4	6.029	0.000	391400	0	0.646	N.D. #
27)	Chlordane-5	0.000	5.950	0	625588	N.D.	10.396 #

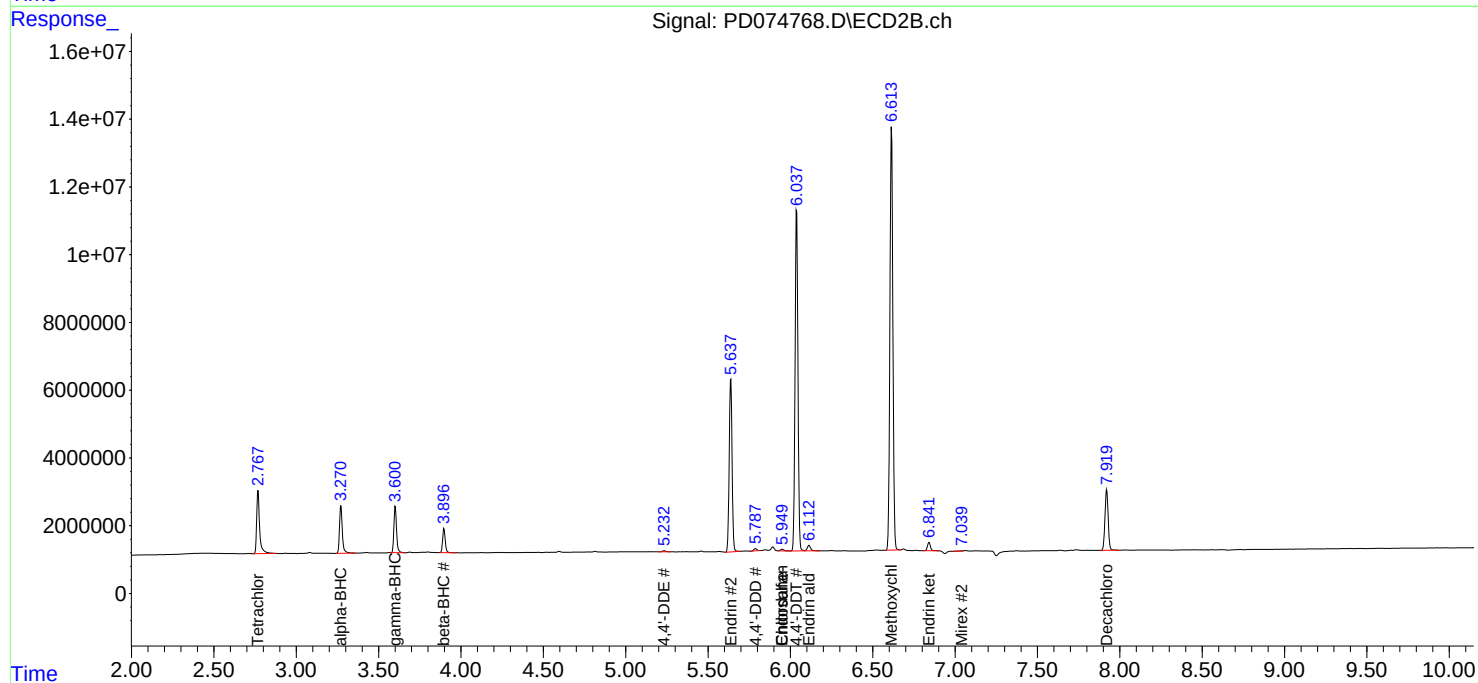
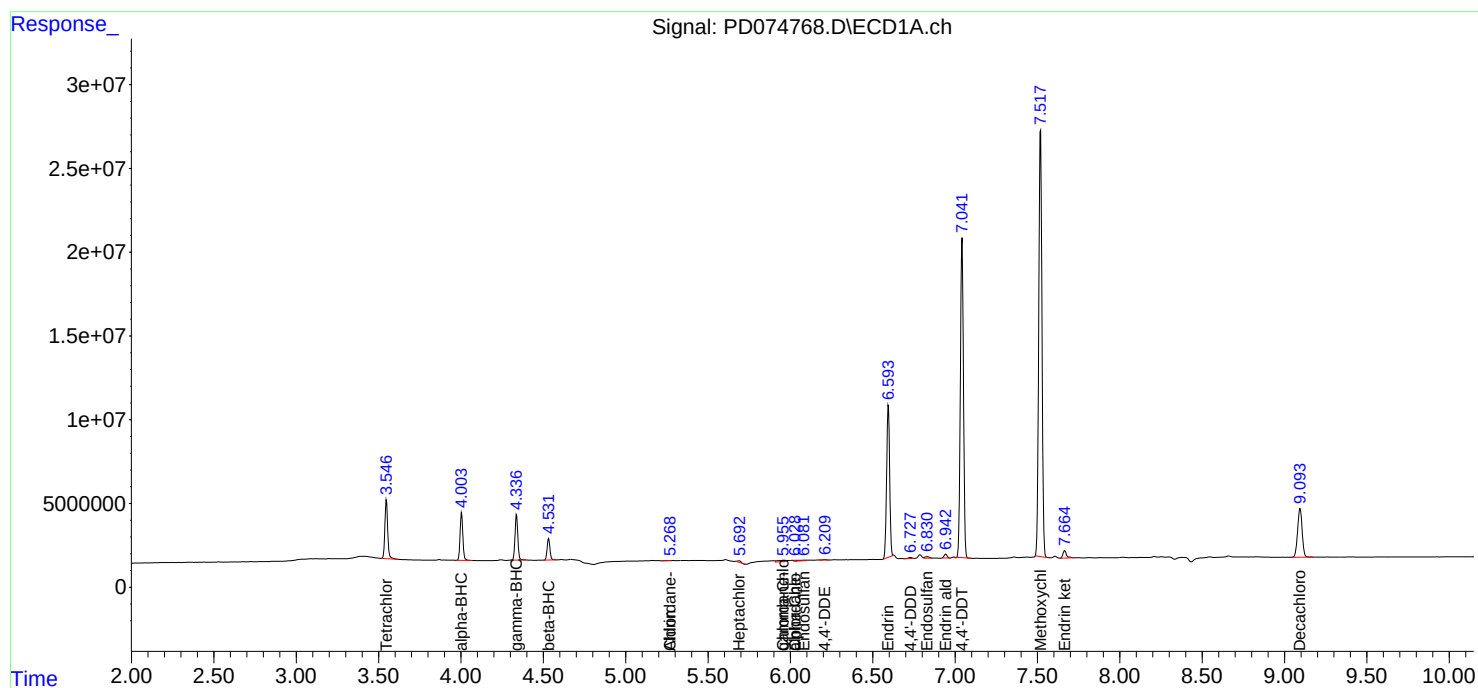
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

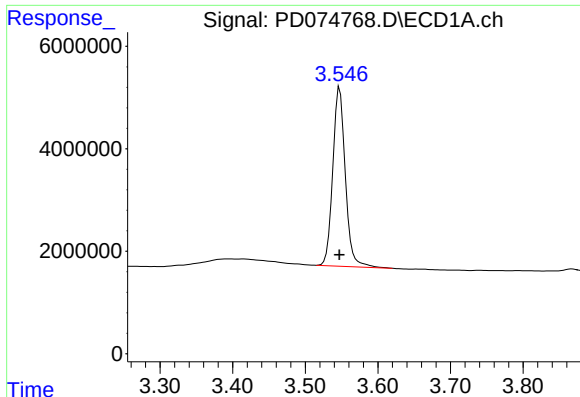
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041823\
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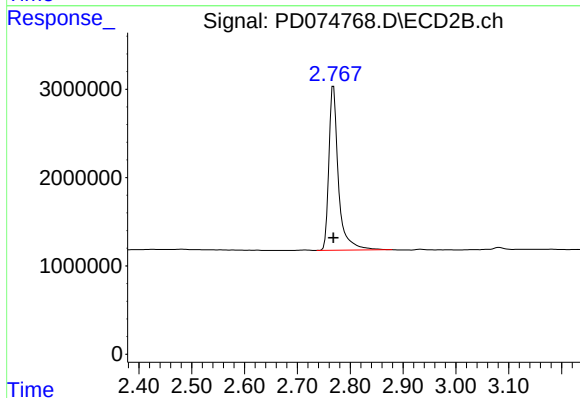




#1 Tetrachloro-m-xylene

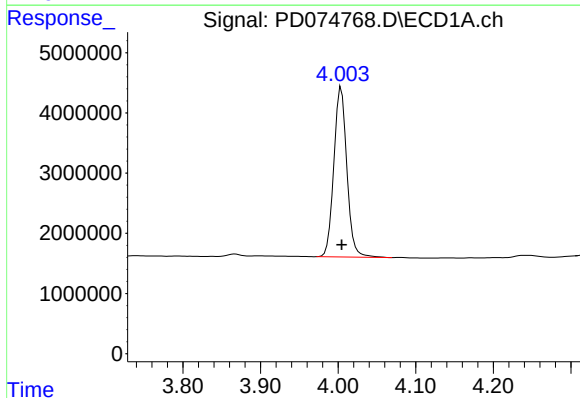
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 41891689
Conc: 17.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



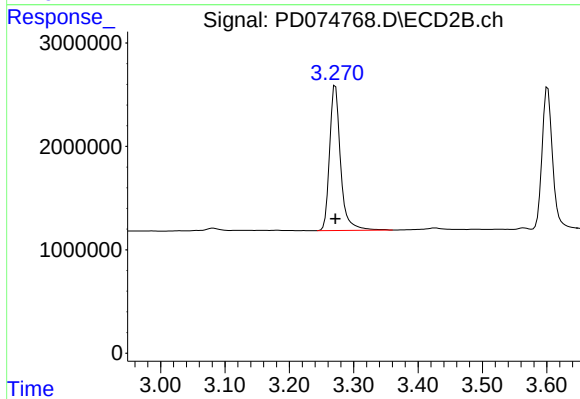
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 23363801
Conc: 17.92 ng/ml



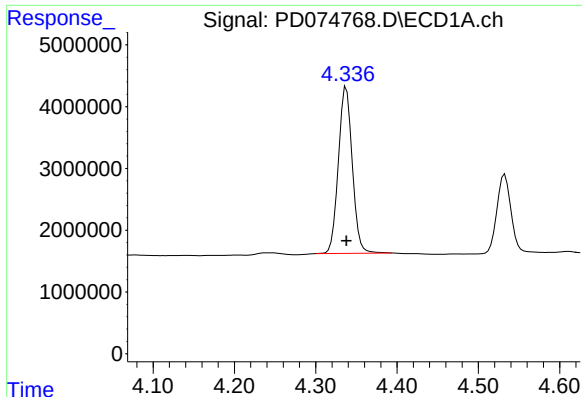
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 32888143
Conc: 7.91 ng/ml



#2 alpha-BHC

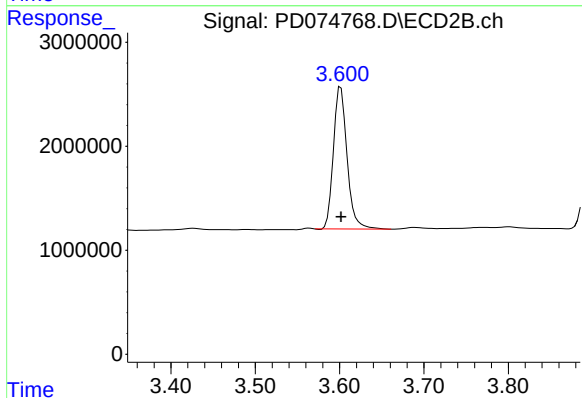
R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 16655619
Conc: 8.53 ng/ml



#3 gamma-BHC (Lindane)

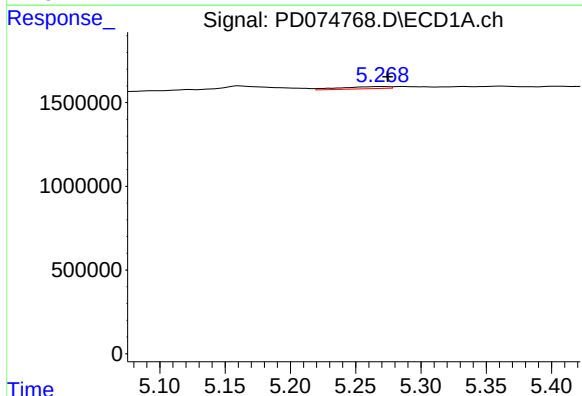
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 32025124
Conc: 8.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



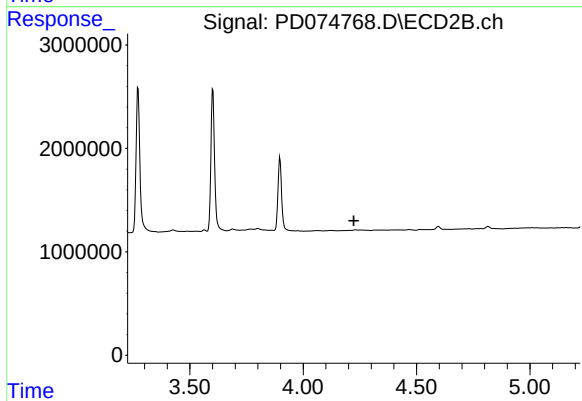
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: 0.000 min
Response: 15373157
Conc: 8.47 ng/ml



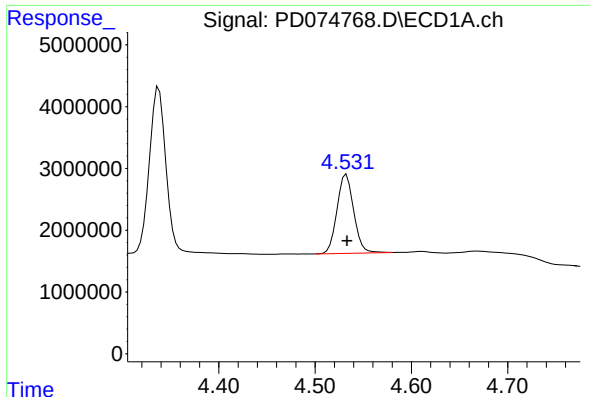
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: -0.005 min
Response: 320757
Conc: 0.08 ng/ml



#5 Aldrin

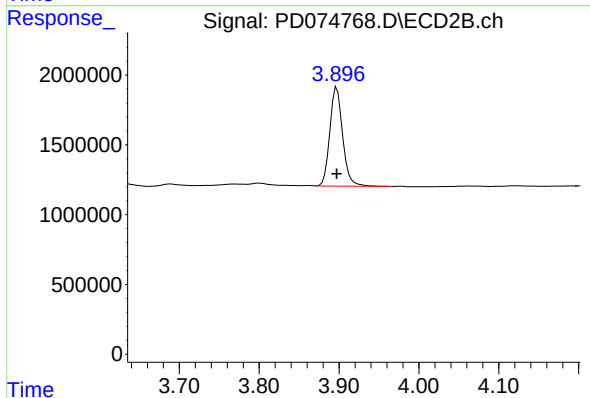
R.T.: 0.000 min
Exp R.T. : 4.224 min
Response: 0
Conc: N.D.



#6 beta-BHC

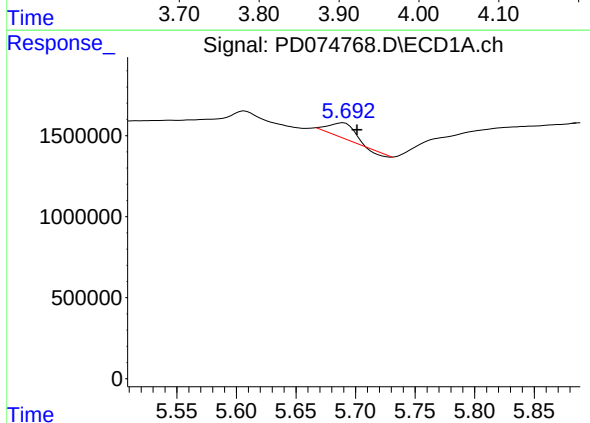
R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 15401205
Conc: 9.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



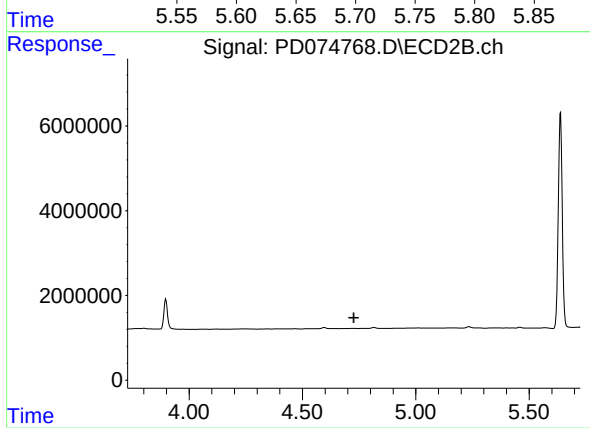
#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 7916189
Conc: 9.75 ng/ml



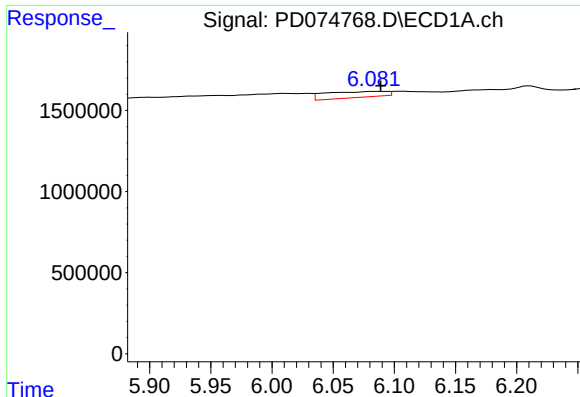
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.012 min
Response: 1292300
Conc: 0.40 ng/ml



#8 Heptachlor epoxide

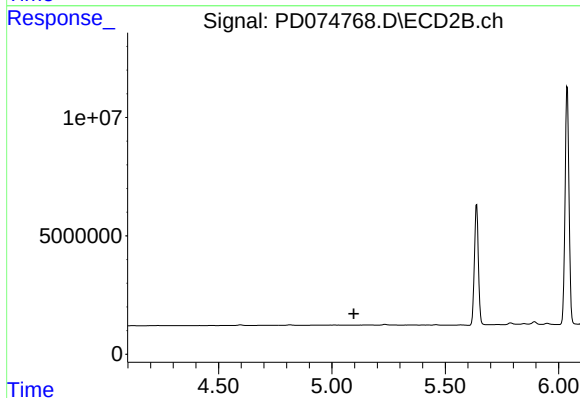
R.T.: 0.000 min
Exp R.T. : 4.726 min
Response: 0
Conc: N.D.



#9 Endosulfan I

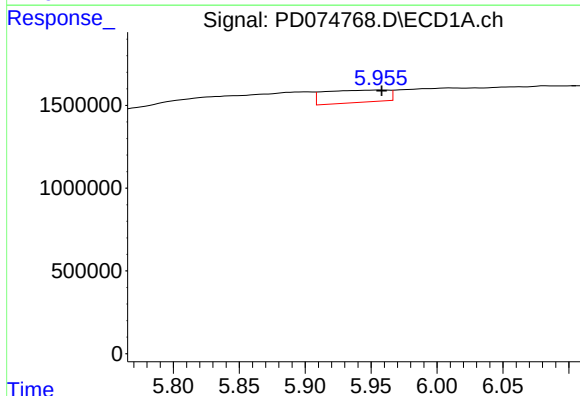
R.T.: 6.083 min
Delta R.T.: -0.006 min
Response: 1287638
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



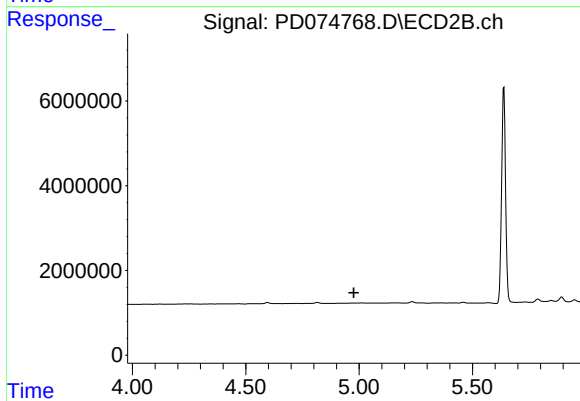
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.097 min
Response: 0
Conc: N.D.



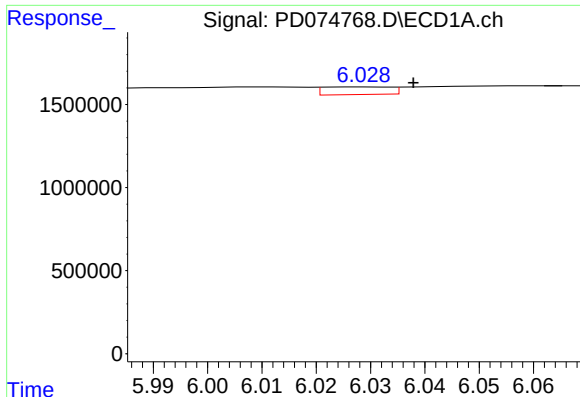
#10 gamma-Chlordane

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 2506088
Conc: 0.72 ng/ml



#10 gamma-Chlordane

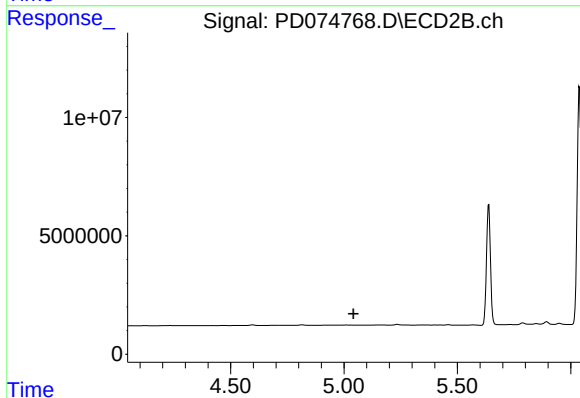
R.T.: 0.000 min
Exp R.T. : 4.977 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

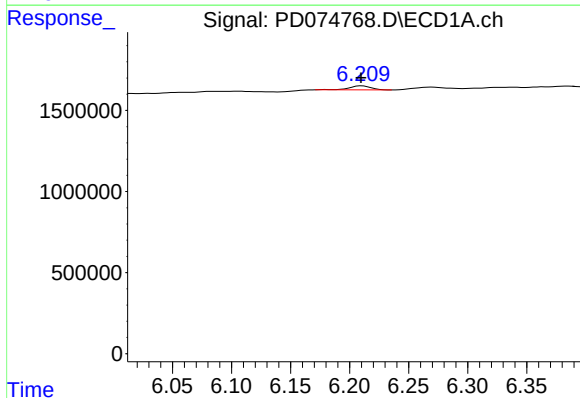
R.T.: 6.029 min
Delta R.T.: -0.009 min
Response: 391400
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



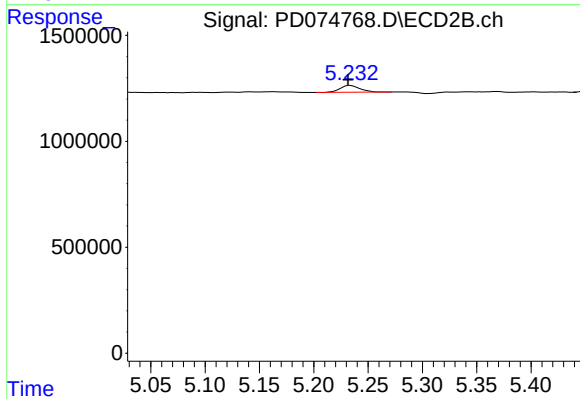
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.042 min
Response: 0
Conc: N.D.



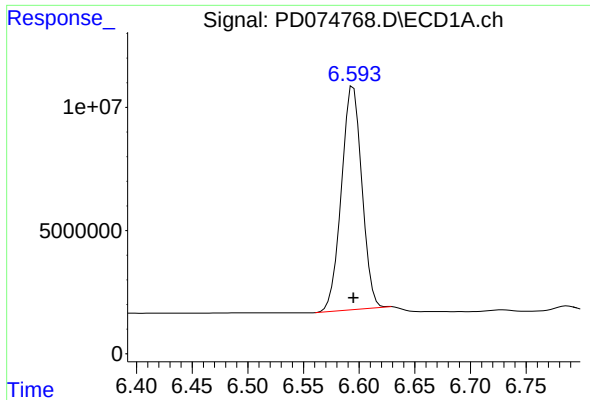
#12 4,4'-DDE

R.T.: 6.211 min
Delta R.T.: 0.000 min
Response: 322967
Conc: 0.10 ng/ml



#12 4,4'-DDE

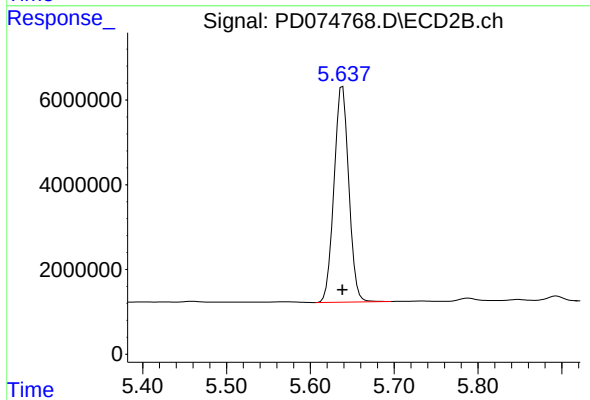
R.T.: 5.234 min
Delta R.T.: 0.002 min
Response: 402483
Conc: 0.26 ng/ml



#14 Endrin

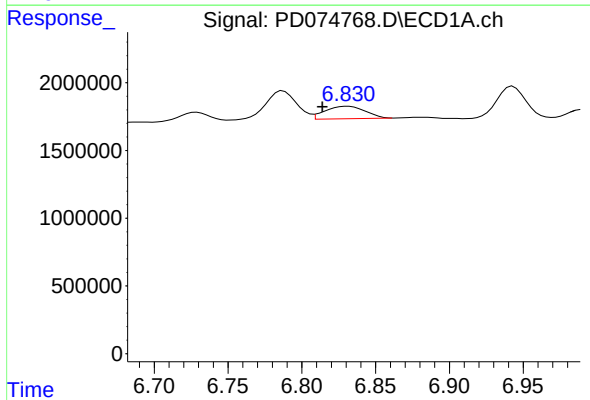
R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 116369750
Conc: 40.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



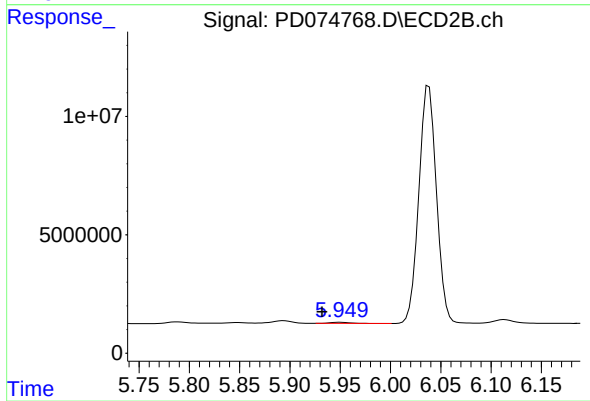
#14 Endrin

R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 62280512
Conc: 41.27 ng/ml



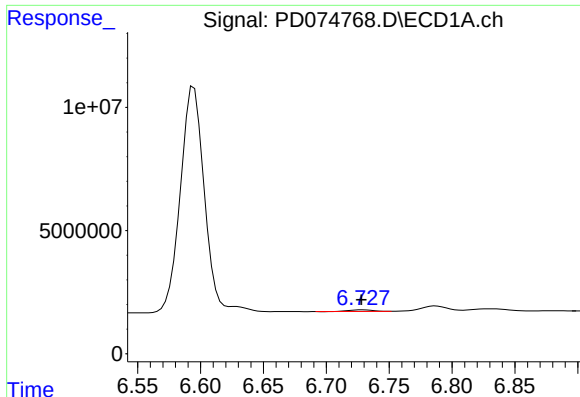
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: 0.017 min
Response: 1757611
Conc: 0.61 ng/ml



#15 Endosulfan II

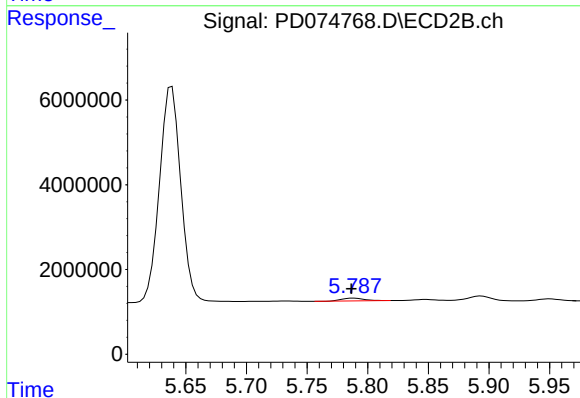
R.T.: 5.950 min
Delta R.T.: 0.018 min
Response: 625588
Conc: 0.45 ng/ml



#16 4,4'-DDD

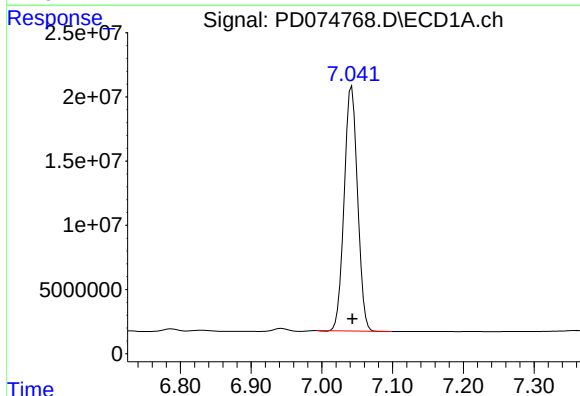
R.T.: 6.729 min
Delta R.T.: 0.000 min
Response: 879810
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



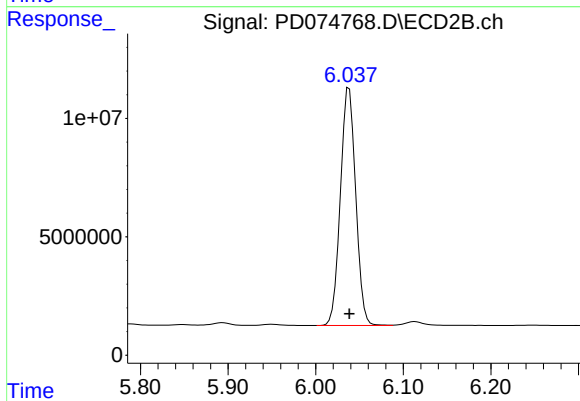
#16 4,4'-DDD

R.T.: 5.789 min
Delta R.T.: 0.002 min
Response: 849419
Conc: 0.64 ng/ml



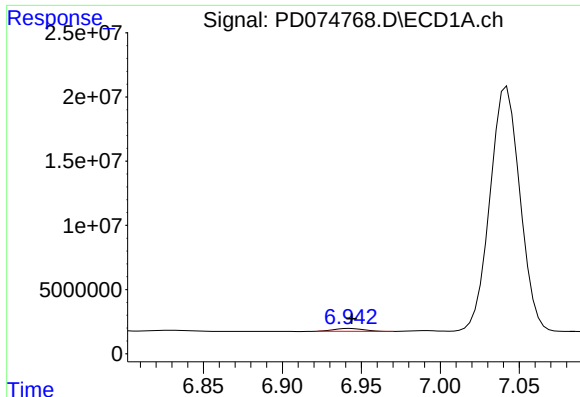
#17 4,4'-DDT

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 250836081
Conc: 86.09 ng/ml



#17 4,4'-DDT

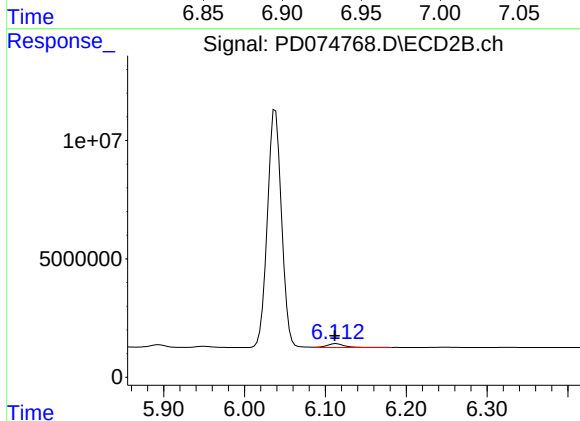
R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 122190728
Conc: 90.47 ng/ml



#18 Endrin aldehyde

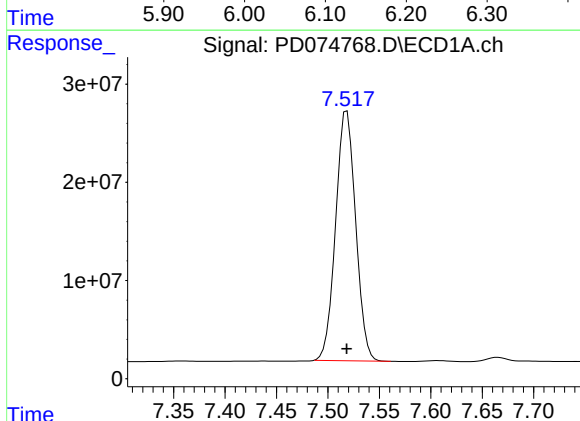
R.T.: 6.943 min
Delta R.T.: 0.000 min
Response: 2897247
Conc: 1.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



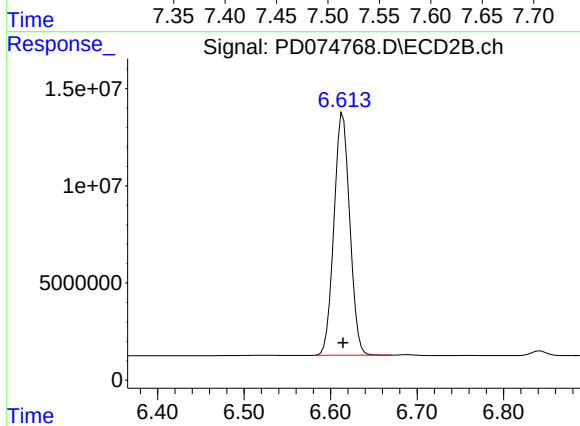
#18 Endrin aldehyde

R.T.: 6.113 min
Delta R.T.: 0.001 min
Response: 2389883
Conc: 2.14 ng/ml



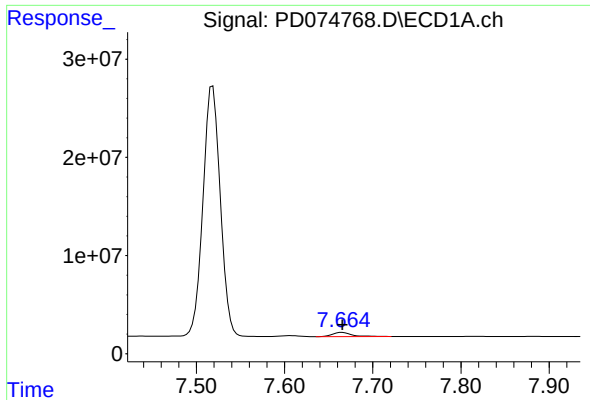
#20 Methoxychlor

R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 344550691
Conc: 211.58 ng/ml



#20 Methoxychlor

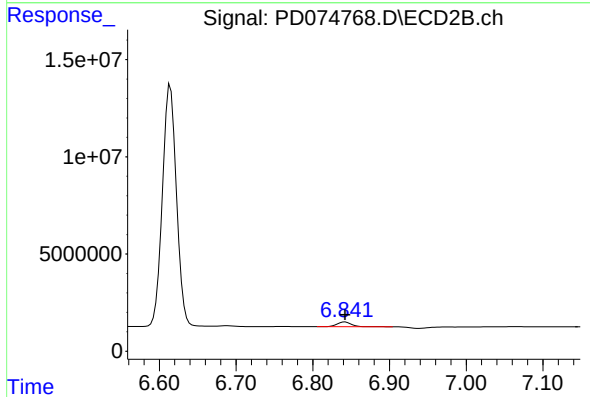
R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 157529540
Conc: 209.01 ng/ml



#21 Endrin ketone

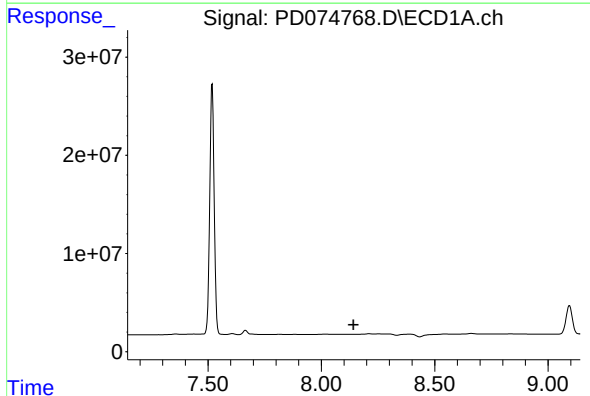
R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 6489402
Conc: 1.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



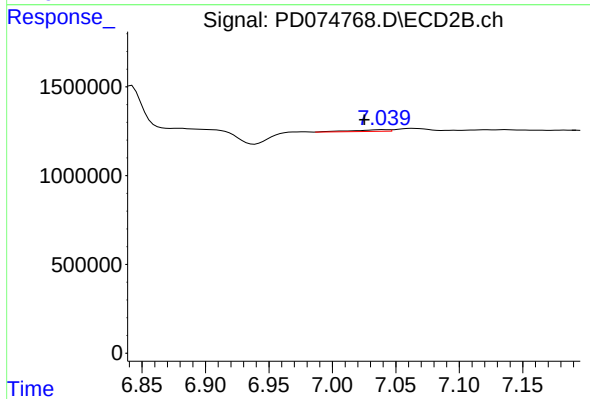
#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 3177945
Conc: 1.94 ng/ml



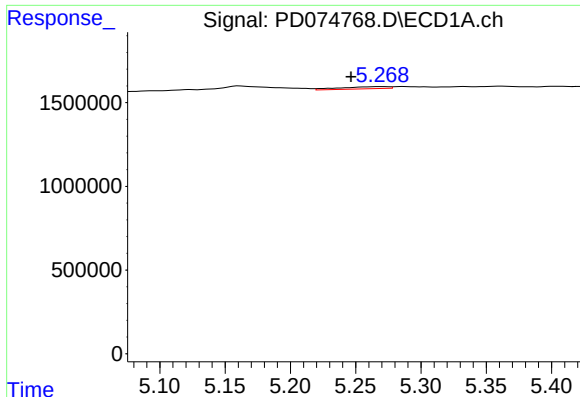
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.142 min
Response: 0
Conc: N.D.



#22 Mirex

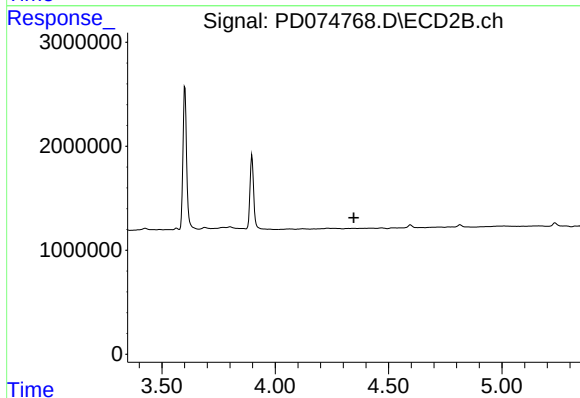
R.T.: 7.040 min
Delta R.T.: 0.015 min
Response: 178181
Conc: 0.14 ng/ml



#24 Chlordane-2

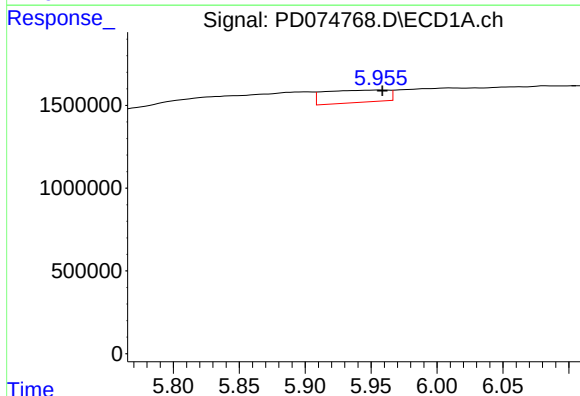
R.T.: 5.270 min
Delta R.T.: 0.023 min
Response: 320757
Conc: 2.45 ng/ml

Instrument :
ECD_D
ClientSampleId :



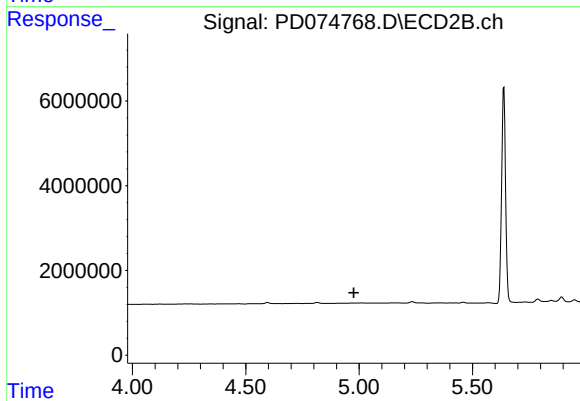
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.346 min
Response: 0
Conc: N.D.



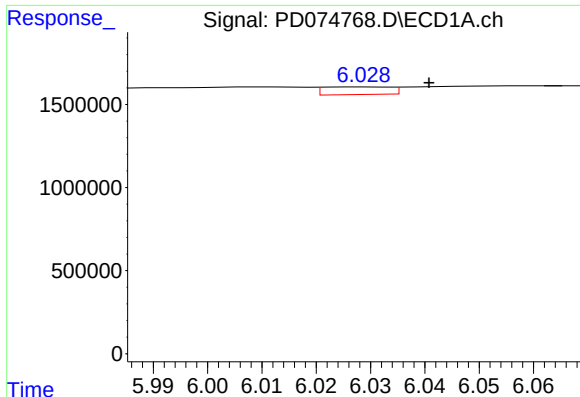
#25 Chlordane-3

R.T.: 5.958 min
Delta R.T.: -0.001 min
Response: 2506088
Conc: 5.06 ng/ml



#25 Chlordane-3

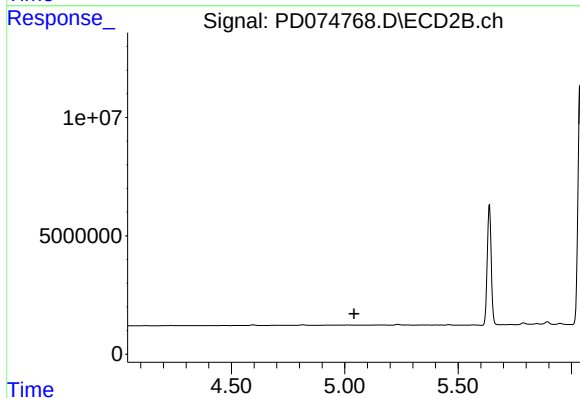
R.T.: 0.000 min
Exp R.T. : 4.977 min
Response: 0
Conc: N.D.



#26 Chlordane-4

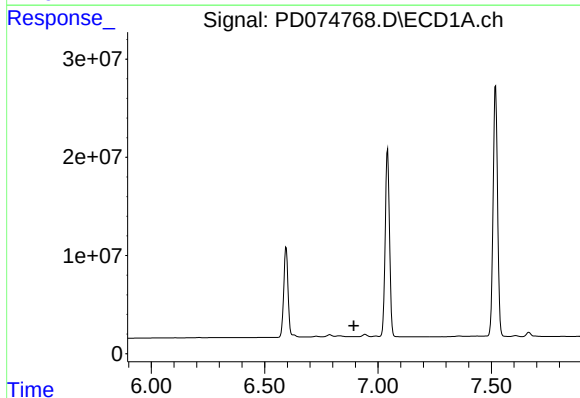
R.T.: 6.029 min
Delta R.T.: -0.011 min
Response: 391400
Conc: 0.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



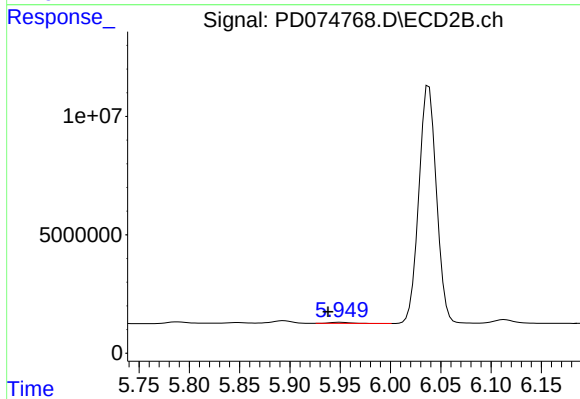
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.041 min
Response: 0
Conc: N.D.



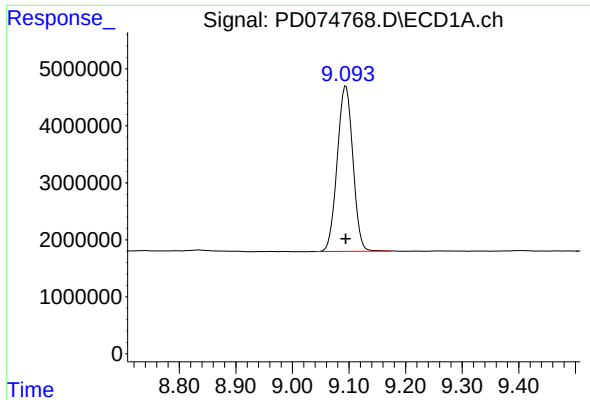
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.893 min
Response: 0
Conc: N.D.



#27 Chlordane-5

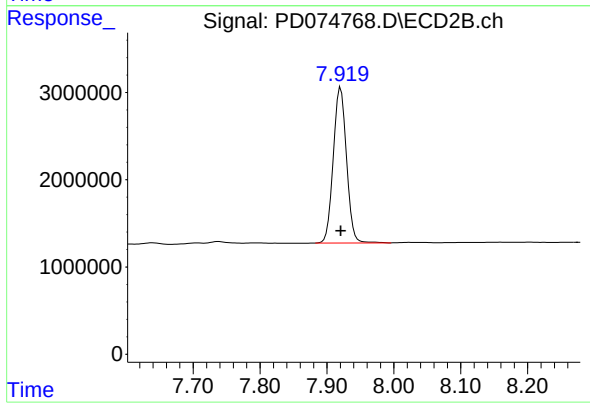
R.T.: 5.950 min
Delta R.T.: 0.012 min
Response: 625588
Conc: 10.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.095 min
Delta R.T.: 0.000 min
Response: 55766200
Conc: 18.36 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 24470761
Conc: 18.35 ng/ml