

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020823\
 Data File : PD073869.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2023 22:26
 Operator : AR\AJ
 Sample : 01445-03MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

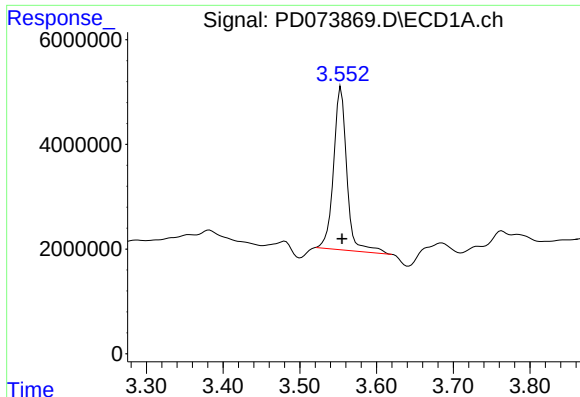
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 03:48:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011823.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 02:45:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.554	2.776	37317233	18941599	15.965	14.879
2)	SA Decachlor...	9.084f	7.929	88420892	24856718	31.377	21.364 #
Target Compounds							
2)	A alpha-BHC	4.010	3.279	167.9E6	70524606	42.273	41.391
3)	MA gamma-BHC...	4.344	3.611	-34827937	94988647	N.D.	63.150
4)	MA Heptachlor	4.937	3.952	155.0E6	63840629	41.752	47.675
5)	MB Aldrin	5.280	4.233	151.9E6	64257892	42.141	39.782
6)	B beta-BHC	4.538	3.905	49305631	25987231	31.783	39.213
7)	B delta-BHC	4.787	4.136	140.6E6	65774939	41.778	43.031
8)	B Heptachlo...	5.706	4.736	128.2E6	57813831	40.176	42.966
9)	A Endosulfan I	6.093	5.108	125.3E6	33140546	40.817	24.648 #
10)	B gamma-Chl...	5.962	4.987	151.3E6	57107979	45.968	38.587
11)	B alpha-Chl...	6.042	5.051	155.3E6	57591960	47.072	38.720
12)	B 4,4'-DDE	6.214	5.242	99302327	57910239	32.878	43.400 #
13)	MA Dieldrin	6.370	5.374	132.6E6	65726473	41.588	50.142
14)	MA Endrin	6.600	5.647	116.9E6	51816758	43.127	46.597
15)	B Endosulfa...	6.816	5.941	176.7E6	49760248	66.708	42.726 #
16)	A 4,4'-DDD	6.731	5.796	122.7E6	32037018	49.768	31.093 #
17)	MA 4,4'-DDT	7.048	6.047	159.0E6	38665197	57.107	37.537 #
18)	B Endrin al...	6.947	6.120	90420745	34969102	41.682	39.648
19)	B Endosulfa...	7.182	6.343	125.0E6	46858993	46.700	41.628
20)	A Methoxychlor	7.522	6.625	36973672	16205771	23.868	30.962 #
21)	B Endrin ke...	7.669	6.849	22411931	18519127	7.412	14.454 #
22)	Mirex	8.145	7.036	67968029	34143126	29.579	32.510
23)	Chlordane-1	4.703f	3.785	18214050	3833205	161.175	84.608 #
24)	Chlordane-2	5.280f	4.370	151.9E6	351775	1200.709	7.045 #
25)	Chlordane-3	5.962	4.987	151.3E6	57107979	323.251	395.583
26)	Chlordane-4	6.042	5.051	155.3E6	57591960	271.278	413.168 #
27)	Chlordane-5	6.893	5.941	10497135	49760248	102.709	990.246 #

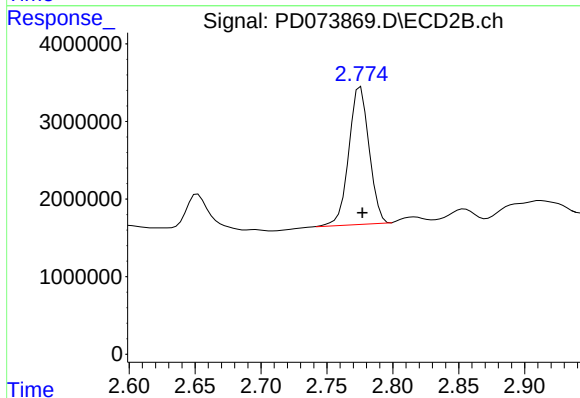
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

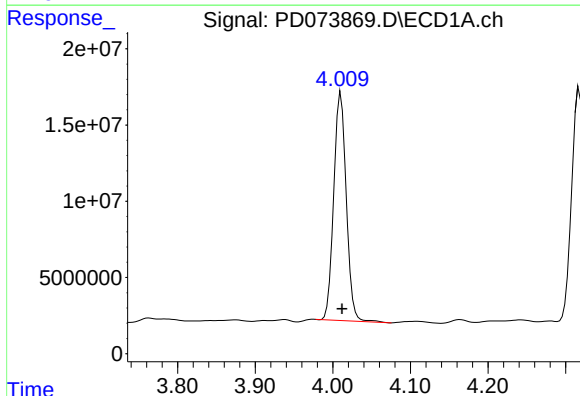
R.T.: 3.554 min
Delta R.T.: -0.001 min
Response: 37317233
Conc: 15.96 ng/ml

Instrument :
ECD_D
ClientSampleId :



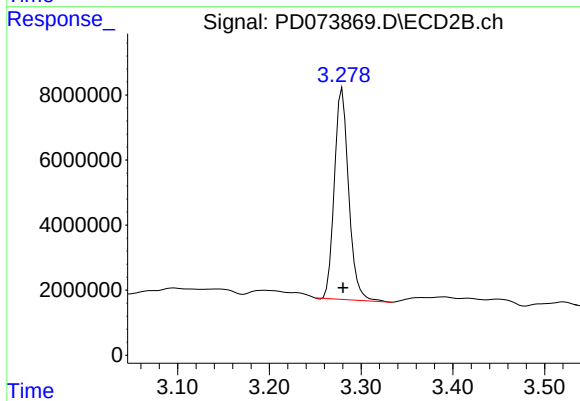
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.001 min
Response: 18941599
Conc: 14.88 ng/ml



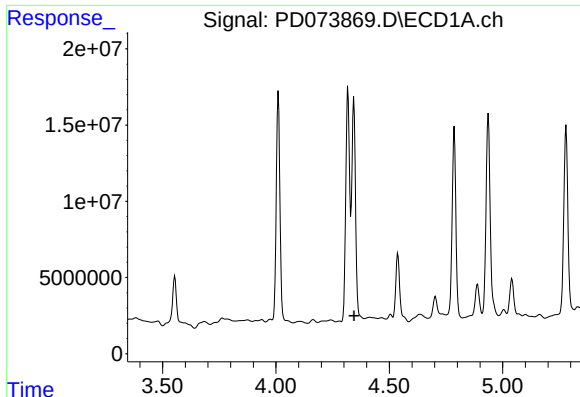
#2 alpha-BHC

R.T.: 4.010 min
Delta R.T.: -0.001 min
Response: 167899381
Conc: 42.27 ng/ml



#2 alpha-BHC

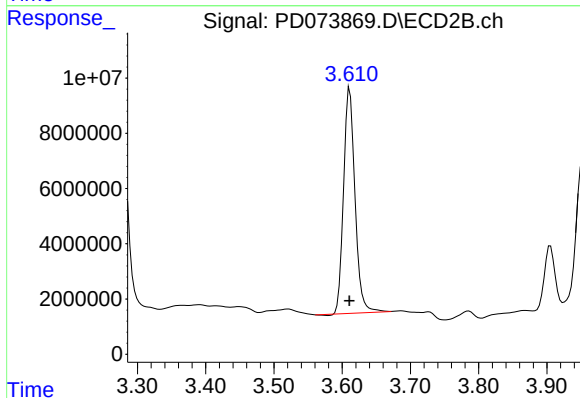
R.T.: 3.279 min
Delta R.T.: 0.000 min
Response: 70524606
Conc: 41.39 ng/ml



#3 gamma-BHC (Lindane)

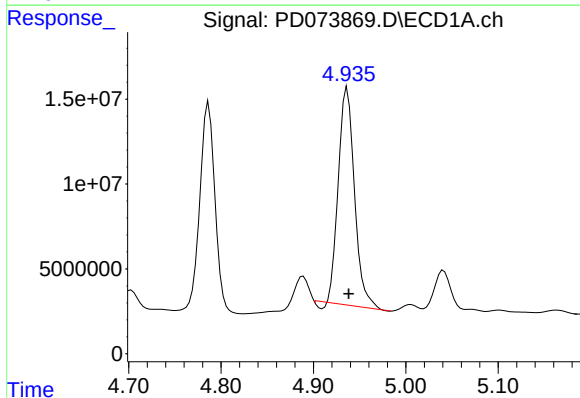
R.T.: 4.344 min
Delta R.T.: -0.002 min
Response: -34827937
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



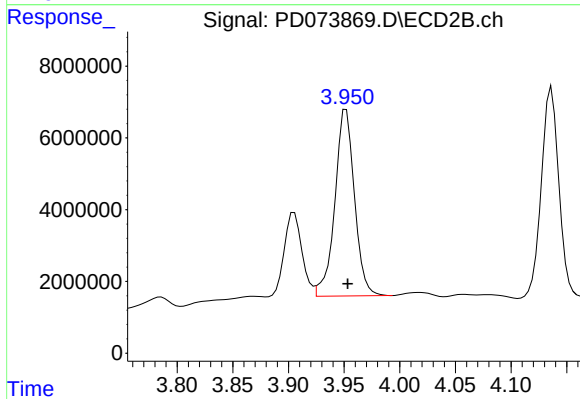
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: 0.000 min
Response: 94988647
Conc: 63.15 ng/ml



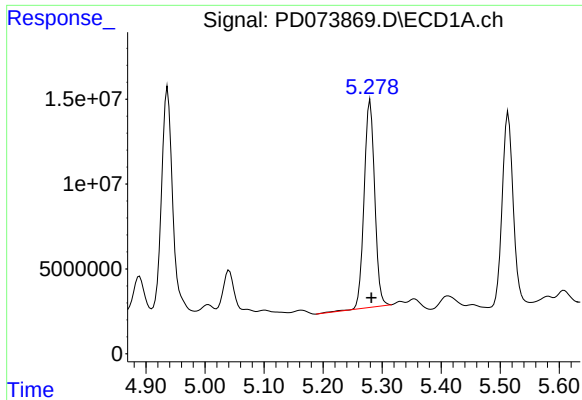
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: -0.001 min
Response: 155040544
Conc: 41.75 ng/ml



#4 Heptachlor

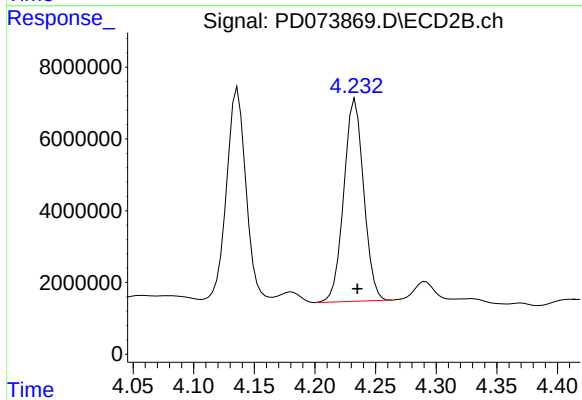
R.T.: 3.952 min
Delta R.T.: -0.001 min
Response: 63840629
Conc: 47.67 ng/ml



#5 Aldrin

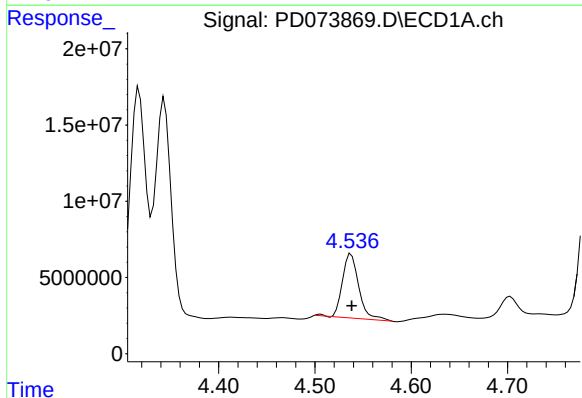
R.T.: 5.280 min
Delta R.T.: -0.002 min
Response: 151908798
Conc: 42.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



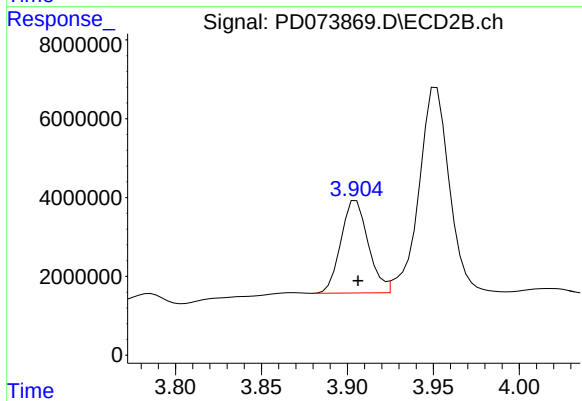
#5 Aldrin

R.T.: 4.233 min
Delta R.T.: -0.002 min
Response: 64257892
Conc: 39.78 ng/ml



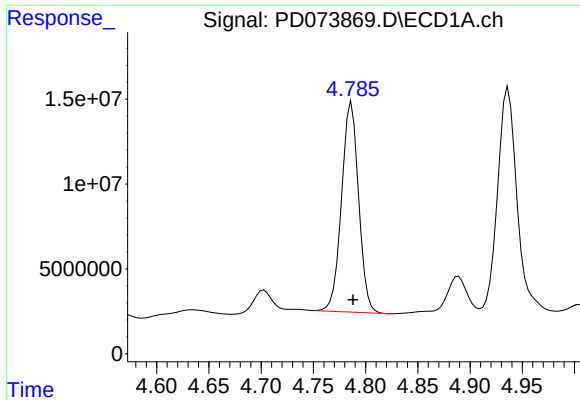
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 49305631
Conc: 31.78 ng/ml



#6 beta-BHC

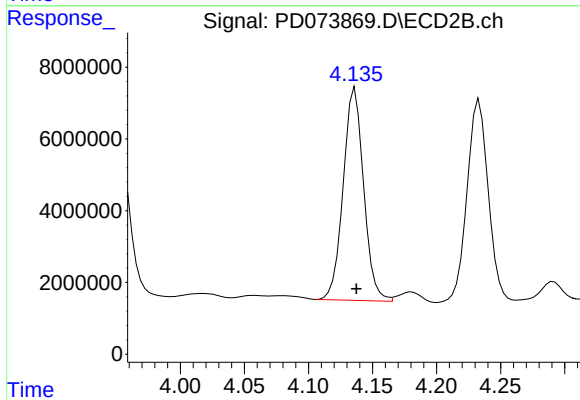
R.T.: 3.905 min
Delta R.T.: -0.001 min
Response: 25987231
Conc: 39.21 ng/ml



#7 delta-BHC

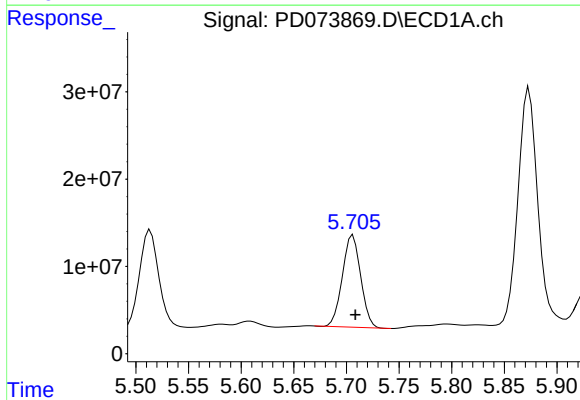
R.T.: 4.787 min
Delta R.T.: -0.001 min
Response: 140585375
Conc: 41.78 ng/ml

Instrument :
ECD_D
ClientSampleId :



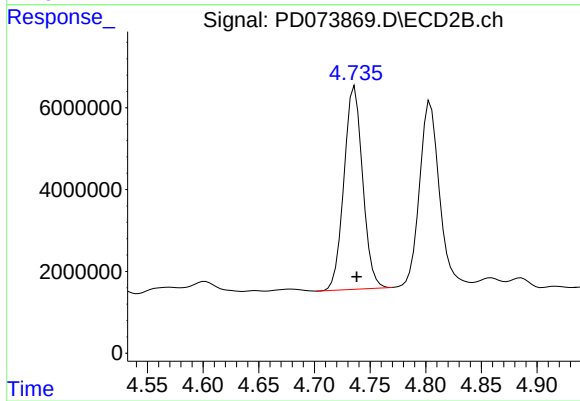
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.001 min
Response: 65774939
Conc: 43.03 ng/ml



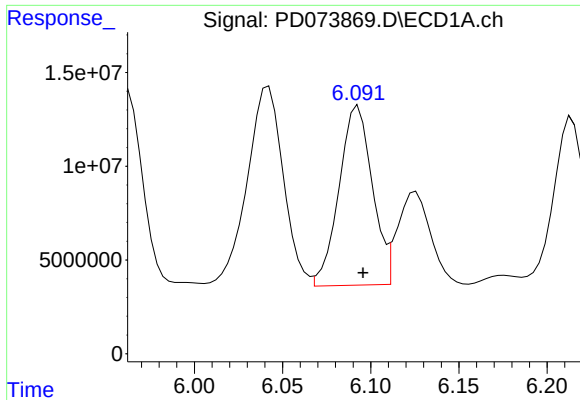
#8 Heptachlor epoxide

R.T.: 5.706 min
Delta R.T.: -0.002 min
Response: 128215271
Conc: 40.18 ng/ml



#8 Heptachlor epoxide

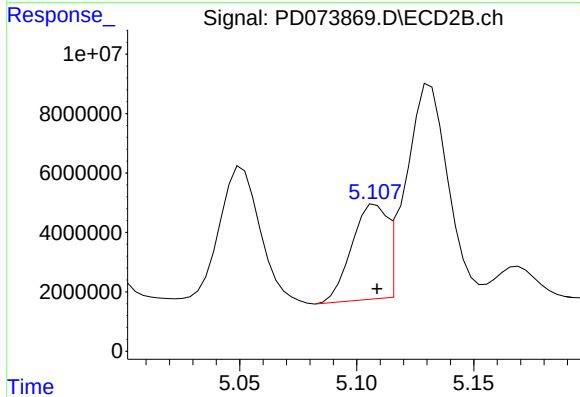
R.T.: 4.736 min
Delta R.T.: -0.002 min
Response: 57813831
Conc: 42.97 ng/ml



#9 Endosulfan I

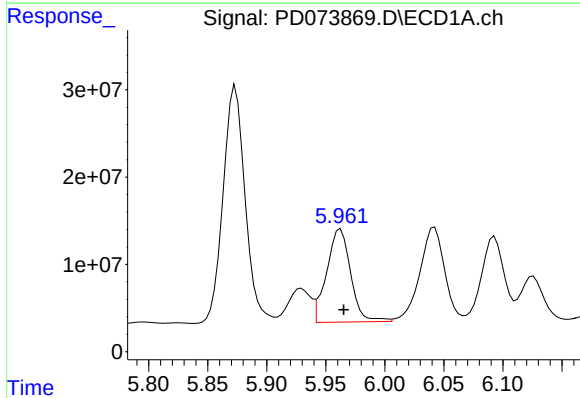
R.T.: 6.093 min
Delta R.T.: -0.003 min
Response: 125333794
Conc: 40.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



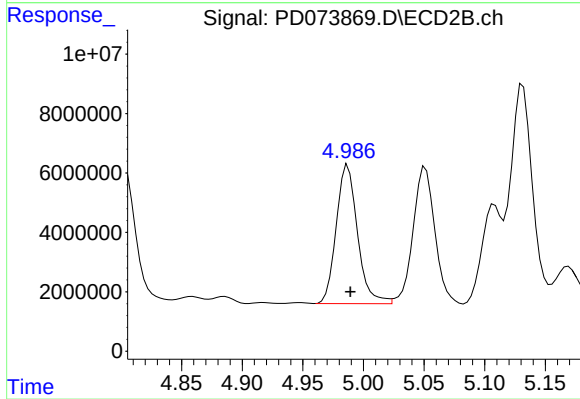
#9 Endosulfan I

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 33140546
Conc: 24.65 ng/ml



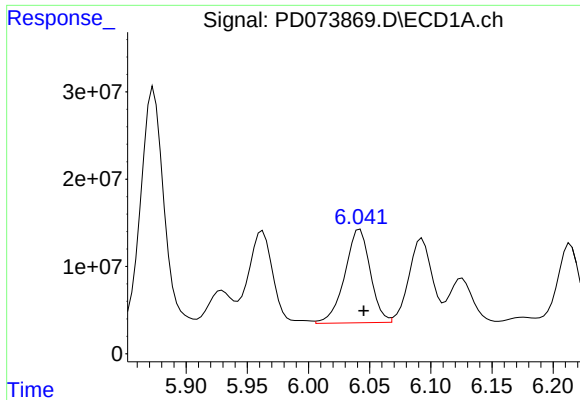
#10 gamma-Chlordane

R.T.: 5.962 min
Delta R.T.: -0.003 min
Response: 151344486
Conc: 45.97 ng/ml



#10 gamma-Chlordane

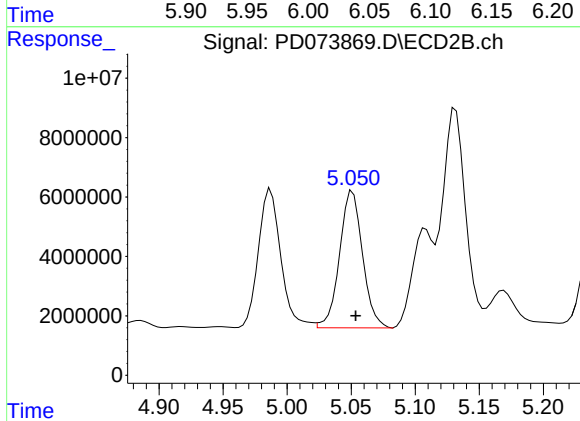
R.T.: 4.987 min
Delta R.T.: -0.002 min
Response: 57107979
Conc: 38.59 ng/ml



#11 alpha-Chlordane

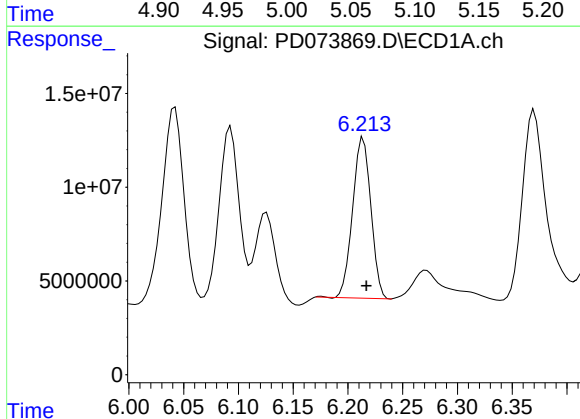
R.T.: 6.042 min
Delta R.T.: -0.003 min
Response: 155284456
Conc: 47.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



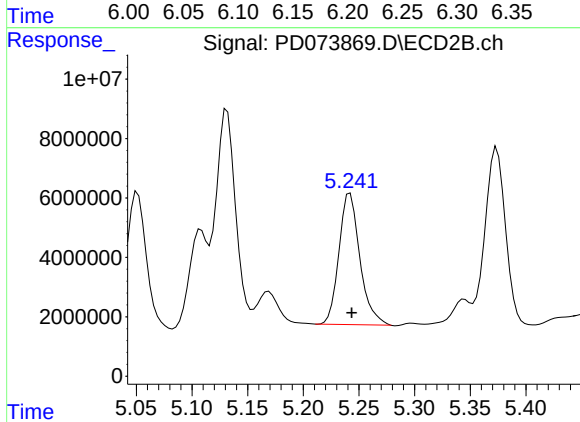
#11 alpha-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.002 min
Response: 57591960
Conc: 38.72 ng/ml



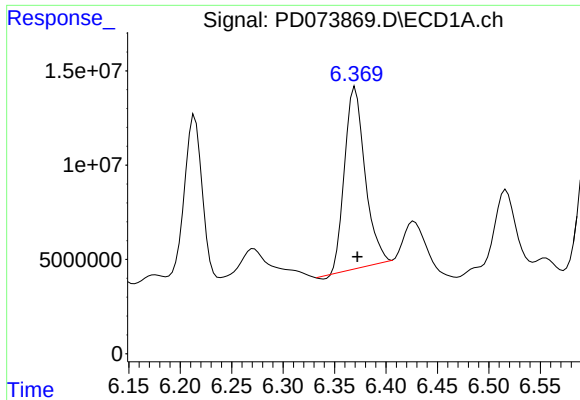
#12 4,4'-DDE

R.T.: 6.214 min
Delta R.T.: -0.003 min
Response: 99302327
Conc: 32.88 ng/ml



#12 4,4'-DDE

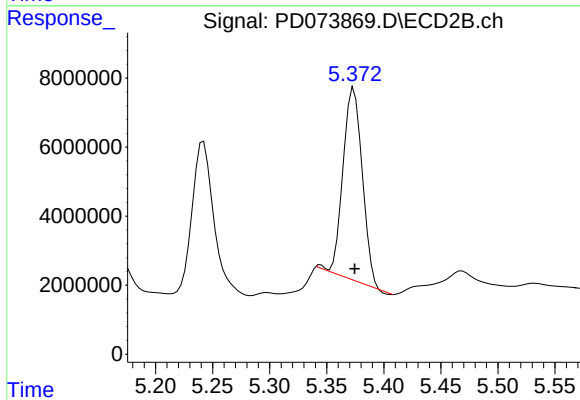
R.T.: 5.242 min
Delta R.T.: -0.001 min
Response: 57910239
Conc: 43.40 ng/ml



#13 Dieldrin

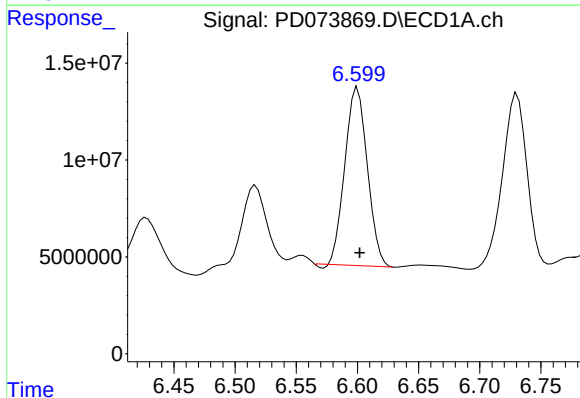
R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 132603830
Conc: 41.59 ng/ml

Instrument :
ECD_D
ClientSampleId :



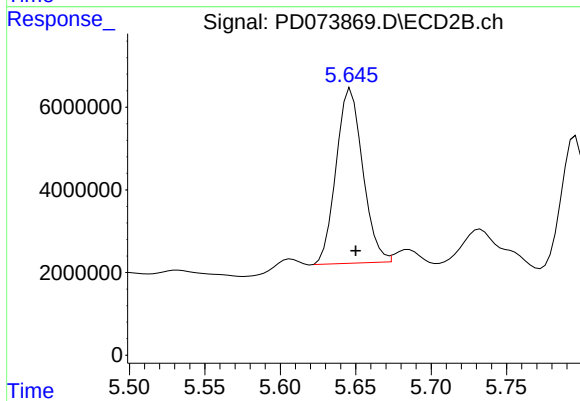
#13 Dieldrin

R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 65726473
Conc: 50.14 ng/ml



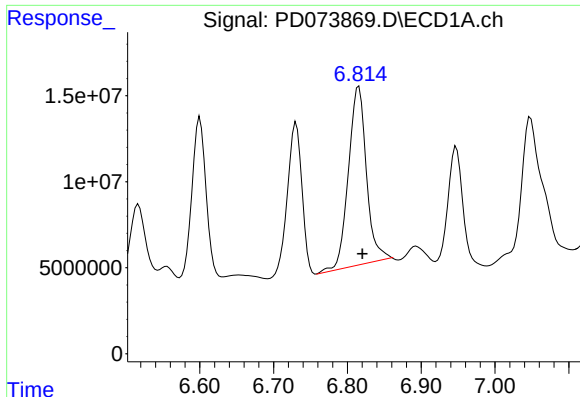
#14 Endrin

R.T.: 6.600 min
Delta R.T.: -0.002 min
Response: 116919245
Conc: 43.13 ng/ml



#14 Endrin

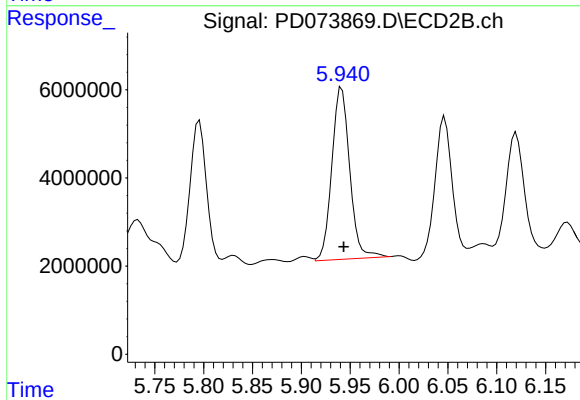
R.T.: 5.647 min
Delta R.T.: -0.003 min
Response: 51816758
Conc: 46.60 ng/ml



#15 Endosulfan II

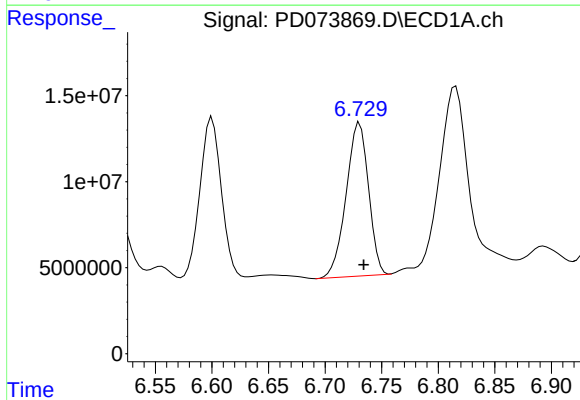
R.T.: 6.816 min
Delta R.T.: -0.005 min
Response: 176651517
Conc: 66.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



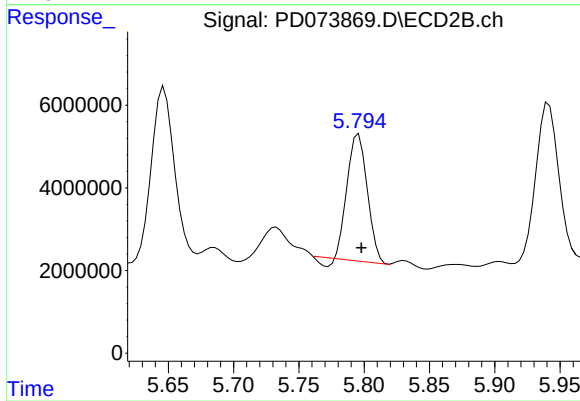
#15 Endosulfan II

R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 49760248
Conc: 42.73 ng/ml



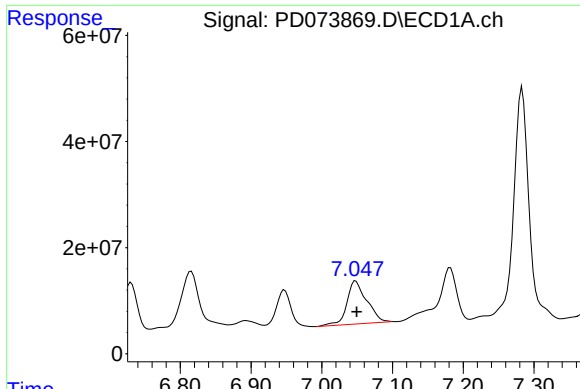
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: -0.004 min
Response: 122742698
Conc: 49.77 ng/ml



#16 4,4'-DDD

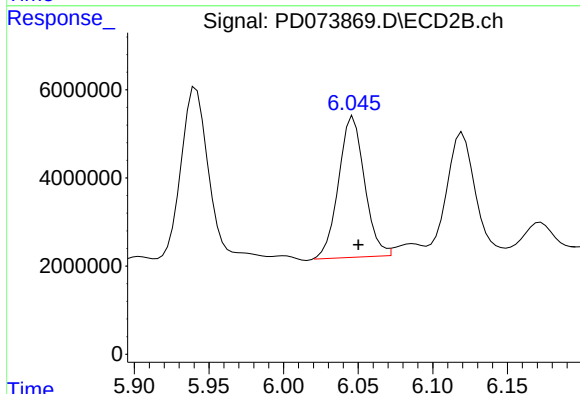
R.T.: 5.796 min
Delta R.T.: -0.002 min
Response: 32037018
Conc: 31.09 ng/ml



#17 4,4'-DDT

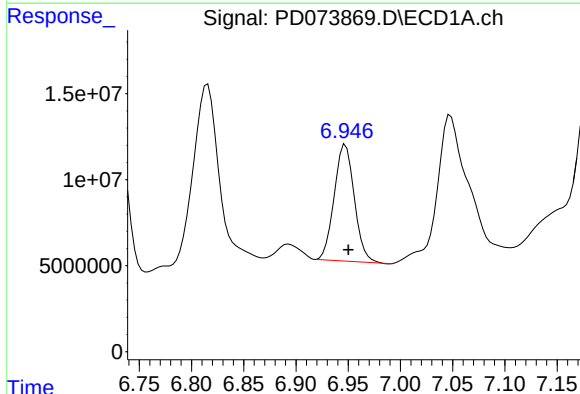
R.T.: 7.048 min
Delta R.T.: -0.001 min
Response: 158991499
Conc: 57.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



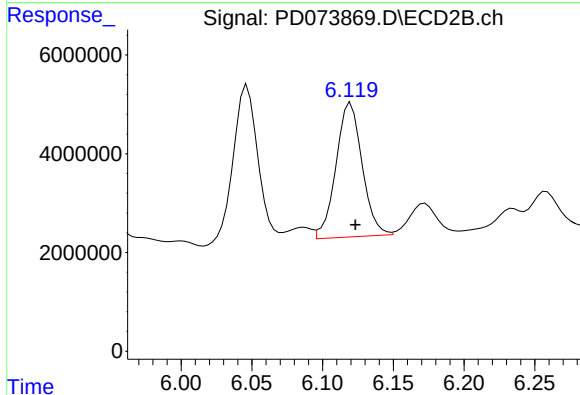
#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: -0.004 min
Response: 38665197
Conc: 37.54 ng/ml



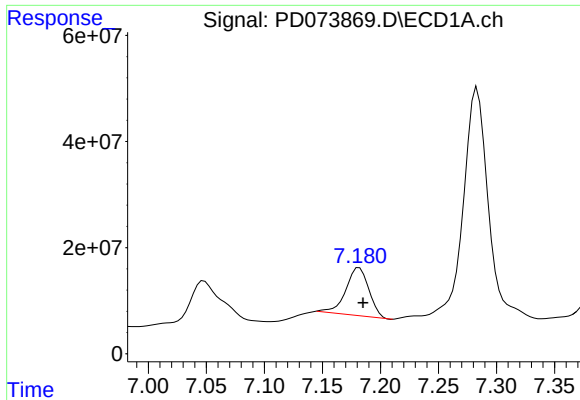
#18 Endrin aldehyde

R.T.: 6.947 min
Delta R.T.: -0.003 min
Response: 90420745
Conc: 41.68 ng/ml



#18 Endrin aldehyde

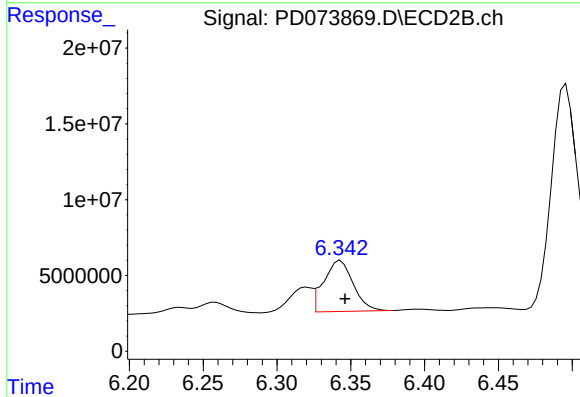
R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 34969102
Conc: 39.65 ng/ml



#19 Endosulfan Sulfate

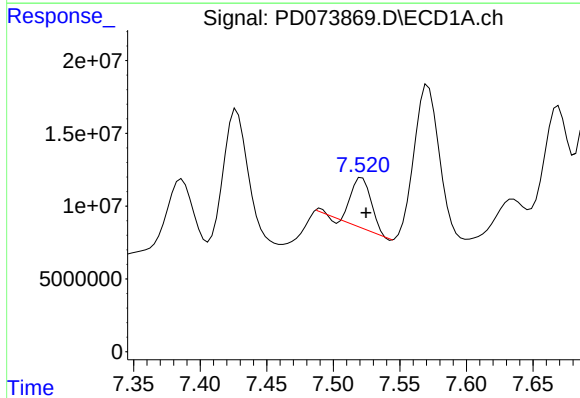
R.T.: 7.182 min
Delta R.T.: -0.003 min
Response: 125041715
Conc: 46.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



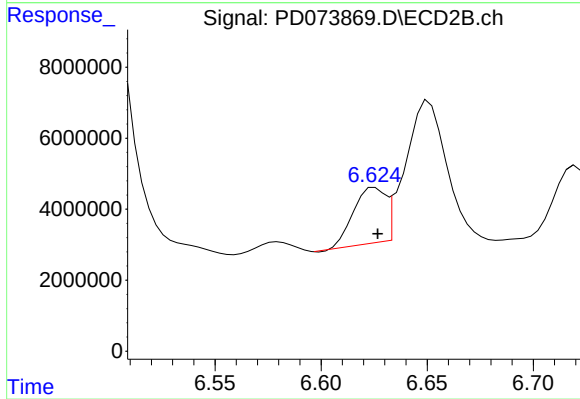
#19 Endosulfan Sulfate

R.T.: 6.343 min
Delta R.T.: -0.003 min
Response: 46858993
Conc: 41.63 ng/ml



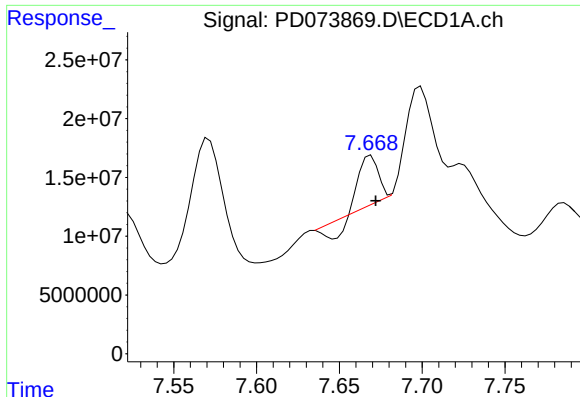
#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: -0.003 min
Response: 36973672
Conc: 23.87 ng/ml



#20 Methoxychlor

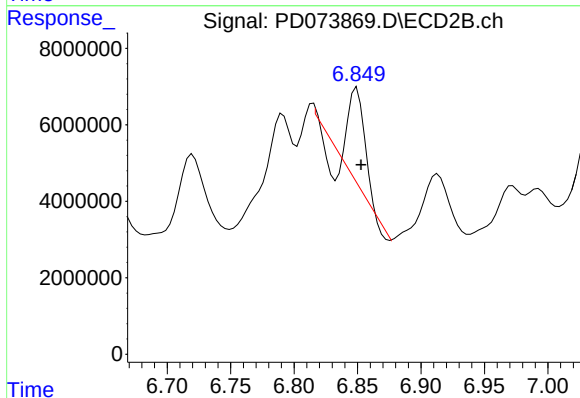
R.T.: 6.625 min
Delta R.T.: -0.001 min
Response: 16205771
Conc: 30.96 ng/ml



#21 Endrin ketone

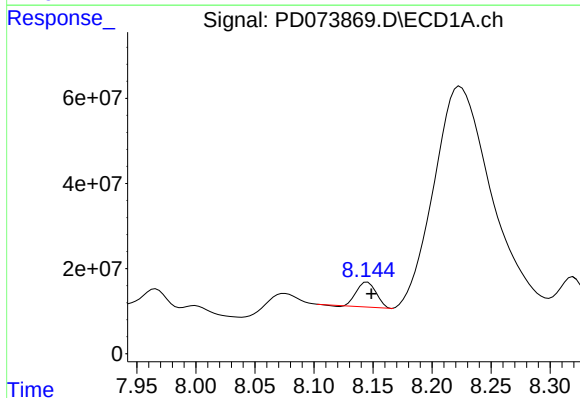
R.T.: 7.669 min
Delta R.T.: -0.003 min
Response: 22411931
Conc: 7.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



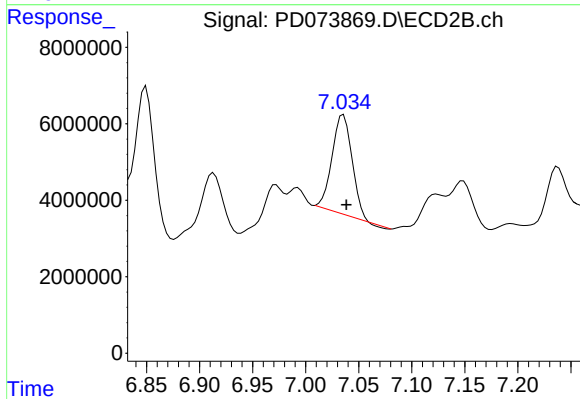
#21 Endrin ketone

R.T.: 6.849 min
Delta R.T.: -0.003 min
Response: 18519127
Conc: 14.45 ng/ml



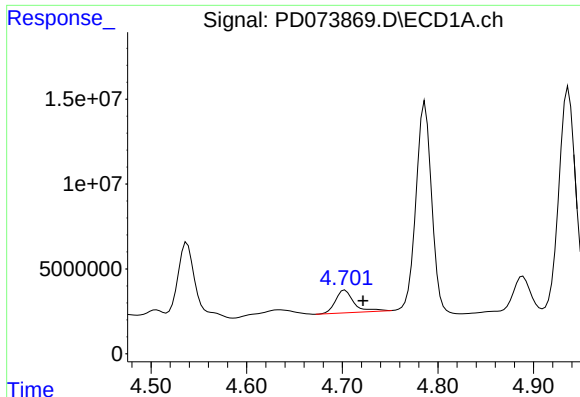
#22 Mirex

R.T.: 8.145 min
Delta R.T.: -0.003 min
Response: 67968029
Conc: 29.58 ng/ml



#22 Mirex

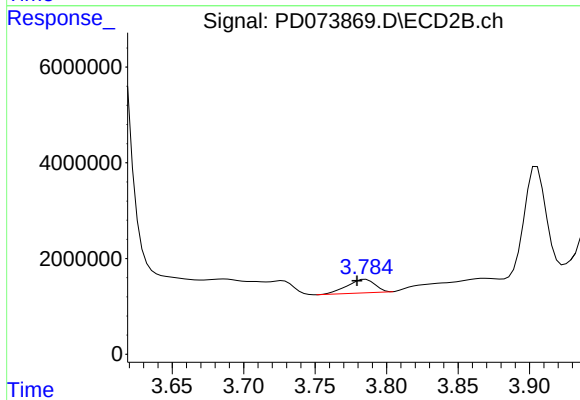
R.T.: 7.036 min
Delta R.T.: -0.003 min
Response: 34143126
Conc: 32.51 ng/ml



#23 Chlordane-1

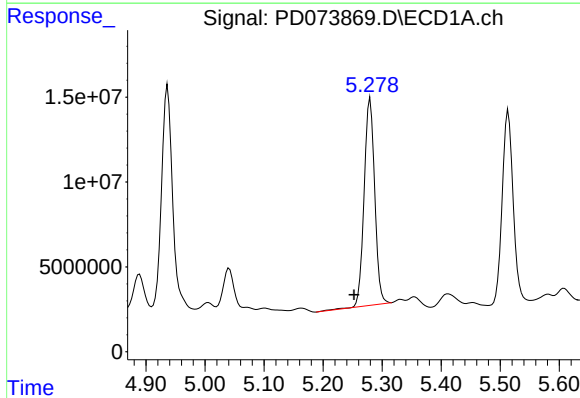
R.T.: 4.703 min
Delta R.T.: -0.019 min
Response: 18214050
Conc: 161.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



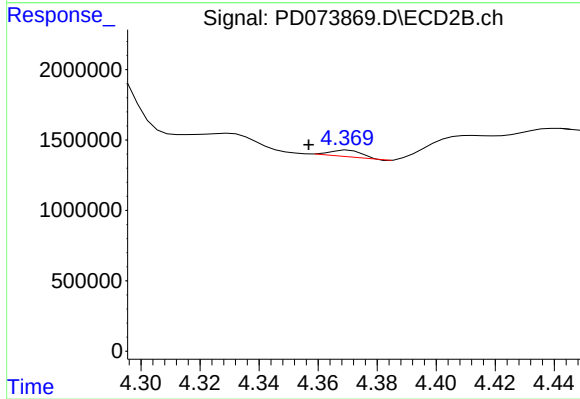
#23 Chlordane-1

R.T.: 3.785 min
Delta R.T.: 0.006 min
Response: 3833205
Conc: 84.61 ng/ml



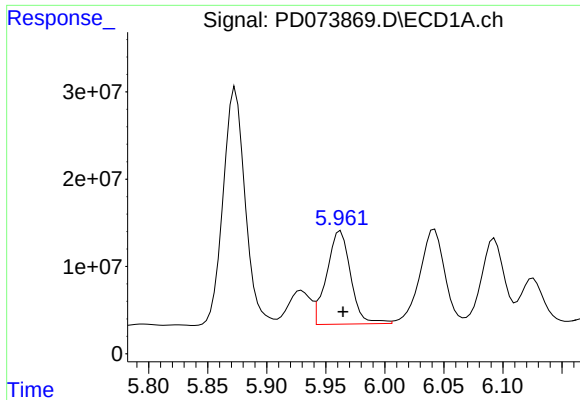
#24 Chlordane-2

R.T.: 5.280 min
Delta R.T.: 0.027 min
Response: 151908798
Conc: 1200.71 ng/ml



#24 Chlordane-2

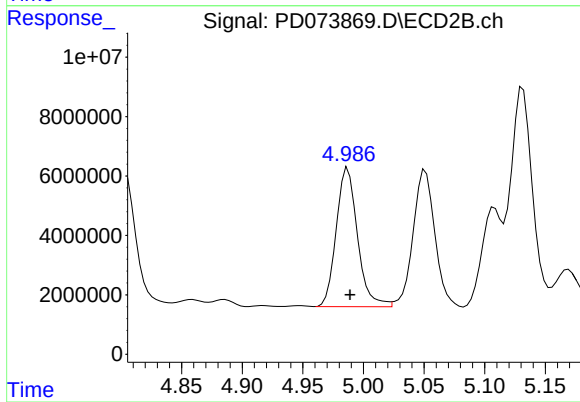
R.T.: 4.370 min
Delta R.T.: 0.013 min
Response: 351775
Conc: 7.04 ng/ml



#25 Chlordane-3

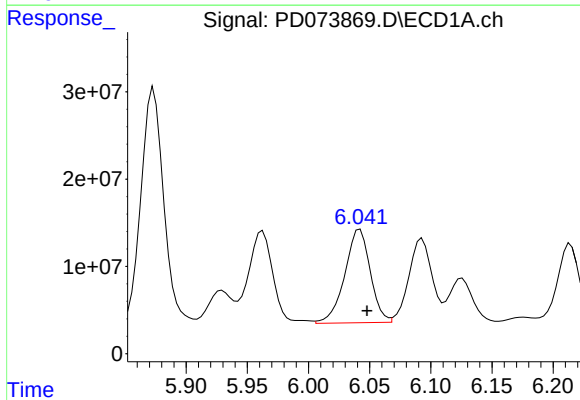
R.T.: 5.962 min
Delta R.T.: -0.002 min
Response: 151344486
Conc: 323.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



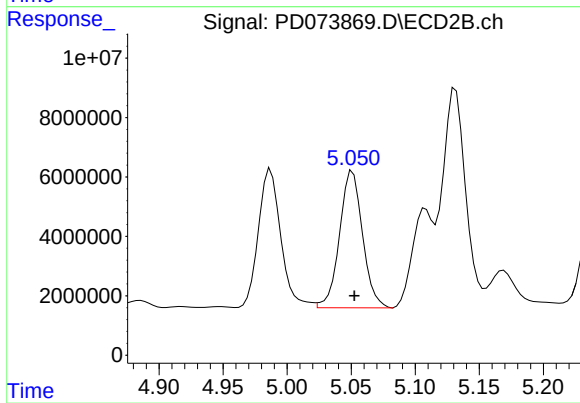
#25 Chlordane-3

R.T.: 4.987 min
Delta R.T.: -0.002 min
Response: 57107979
Conc: 395.58 ng/ml



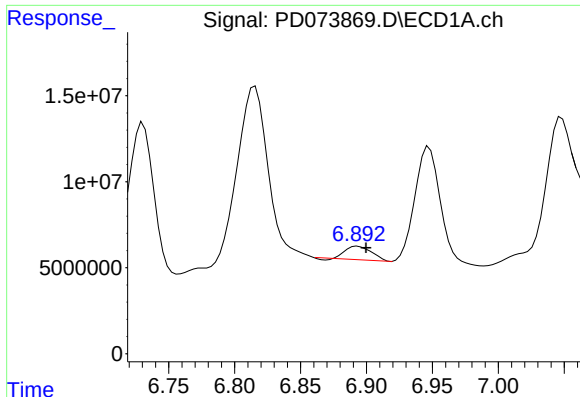
#26 Chlordane-4

R.T.: 6.042 min
Delta R.T.: -0.006 min
Response: 155284456
Conc: 271.28 ng/ml



#26 Chlordane-4

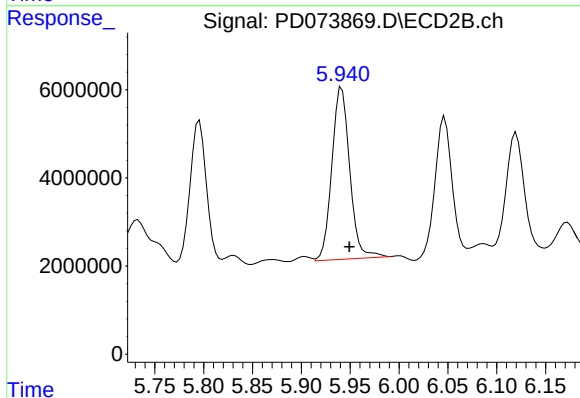
R.T.: 5.051 min
Delta R.T.: -0.002 min
Response: 57591960
Conc: 413.17 ng/ml



#27 Chlordane-5

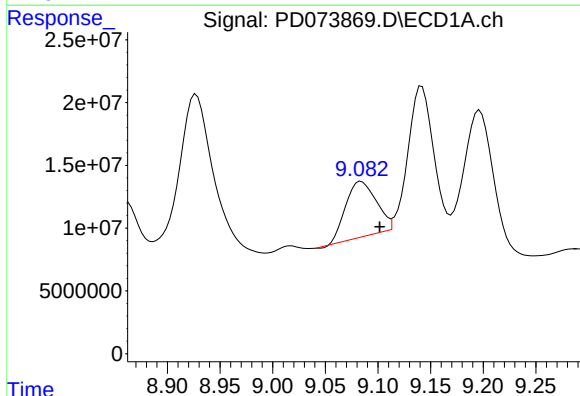
R.T.: 6.893 min
Delta R.T.: -0.007 min
Response: 10497135
Conc: 102.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



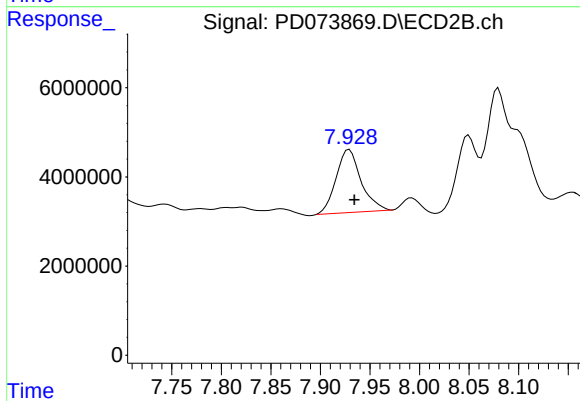
#27 Chlordane-5

R.T.: 5.941 min
Delta R.T.: -0.008 min
Response: 49760248
Conc: 990.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: -0.018 min
Response: 88420892
Conc: 31.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: -0.005 min
Response: 24856718
Conc: 21.36 ng/ml