

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042223\
 Data File : PD074875.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 10:26
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

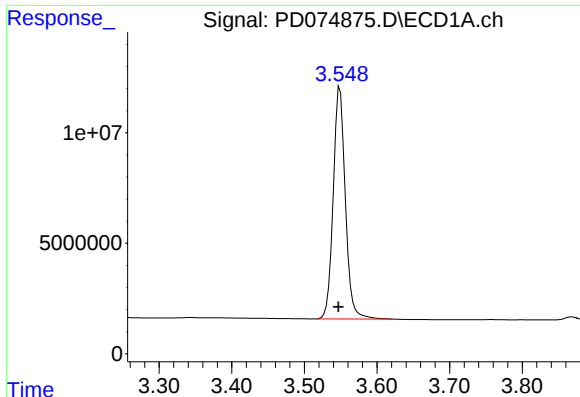
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 16:42:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041823.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 18 13:17:37 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.549	2.769	122.1E6	64098979	51.179	49.173
28)	SA Decachlor...	9.094	7.920	132.6E6	56882278	43.677	42.645
Target Compounds							
2)	A alpha-BHC	4.006	3.272	217.9E6	98074501	52.402	50.230
3)	MA gamma-BHC...	4.339	3.602	199.8E6	90339738	51.488	49.778
4)	MA Heptachlor	4.931	3.944	196.3E6	86975964	50.187	47.024
5)	MB Aldrin	5.274	4.224	199.3E6	90024474	51.859	48.695
6)	B beta-BHC	4.534	3.898	82553696	39250946	49.211	48.326
7)	B delta-BHC	4.783	4.129	196.7E6	91982409	61.682	48.922
8)	B Heptachlo...	5.701	4.727	175.9E6	81544626	54.431	48.087
9)	A Endosulfan I	6.089	5.098	166.9E6	74783289	51.157	46.632
10)	B gamma-Chl...	5.958	4.978	183.6E6	83628661	52.934	48.297
11)	B alpha-Chl...	6.038	5.042	178.7E6	81969338	51.430	47.846
12)	B 4,4'-DDE	6.210	5.232	164.9E6	76835918	51.428	48.991
13)	MA Dieldrin	6.364	5.363	173.9E6	81261036	50.980	48.400
14)	MA Endrin	6.595	5.639	138.8E6	69663062	47.755	46.165
15)	B Endosulfa...	6.813	5.932	140.4E6	66070039	48.926	48.049
16)	A 4,4'-DDD	6.728	5.787	140.8E6	68118591	53.122	51.669
17)	MA 4,4'-DDT	7.043	6.038	123.8E6	57127753	42.480	42.298
18)	B Endrin al...	6.944	6.112	103.6E6	53114990	45.124	47.580
19)	B Endosulfa...	7.178	6.334	140.0E6	65858667	48.463	47.657
20)	A Methoxychlor	7.518	6.614	66991873	32381647	41.137	42.963
21)	B Endrin ke...	7.666	6.842	159.0E6	77876199	48.818	47.655
22)	Mirex	8.142	7.025	114.0E6	59093312	45.894	45.798
24)	Chlordane-2	5.274f	4.356	199.3E6	153032	1523.051	2.582 #
25)	Chlordane-3	5.958	4.978	183.6E6	83628661	370.826	497.039 #
26)	Chlordane-4	6.038	5.042	178.7E6	81969338	294.697	506.000 #
27)	Chlordane-5	0.000	5.932	0	66070039	N.D.	1097.925 #

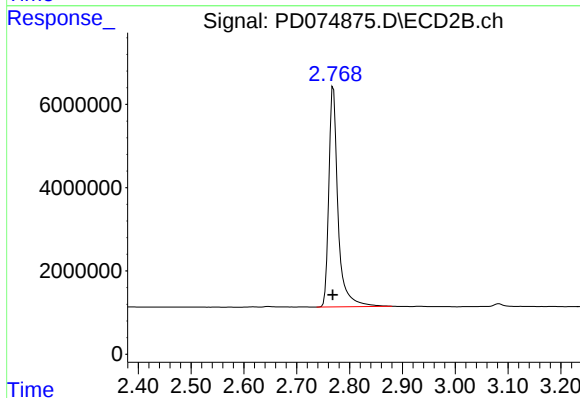
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

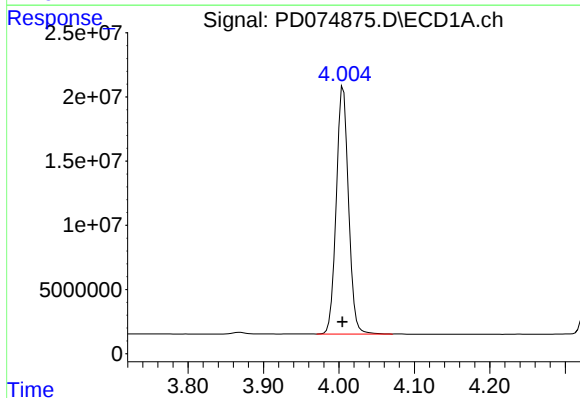
R.T.: 3.549 min
Delta R.T.: 0.002 min
Response: 122071994
Conc: 51.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



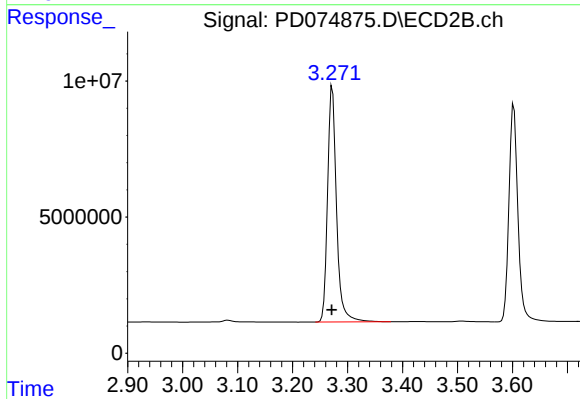
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: 0.001 min
Response: 64098979
Conc: 49.17 ng/ml



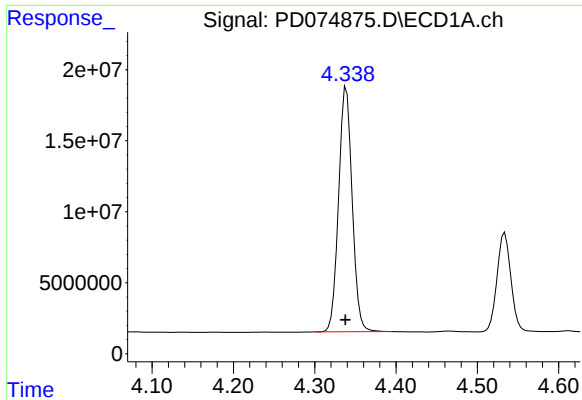
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 217949702
Conc: 52.40 ng/ml



#2 alpha-BHC

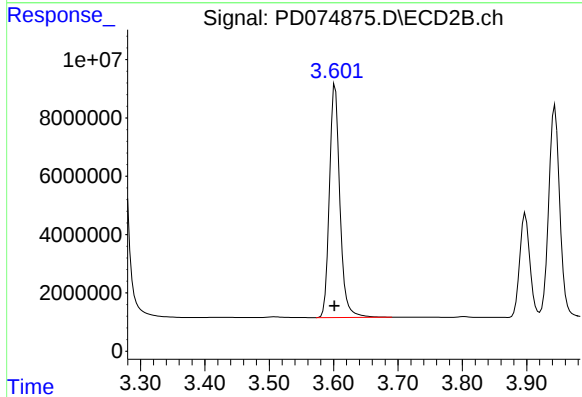
R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 98074501
Conc: 50.23 ng/ml



#3 gamma-BHC (Lindane)

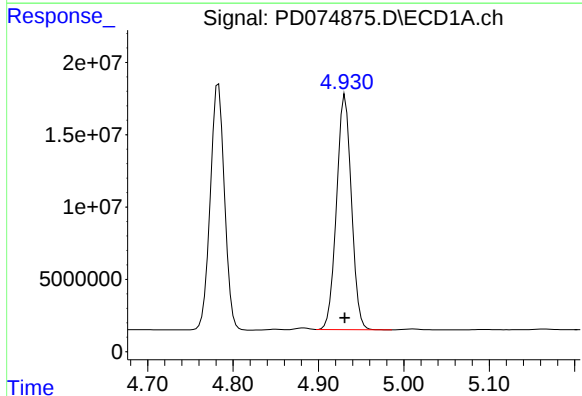
R.T.: 4.339 min
Delta R.T.: 0.001 min
Response: 199830301
Conc: 51.49 ng/ml

Instrument :
ECD_D
ClientSampleId :



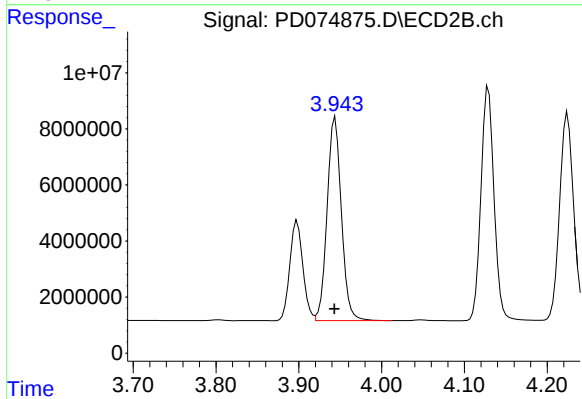
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: 0.000 min
Response: 90339738
Conc: 49.78 ng/ml



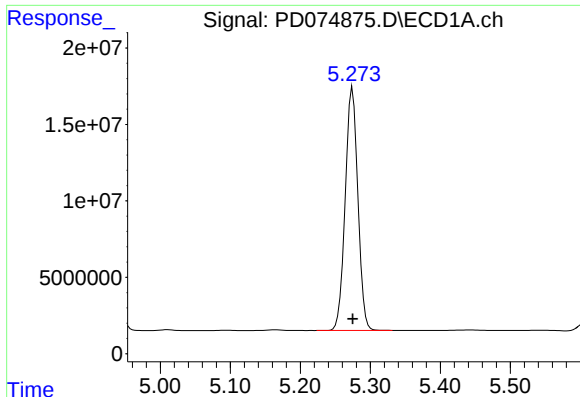
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 196291629
Conc: 50.19 ng/ml



#4 Heptachlor

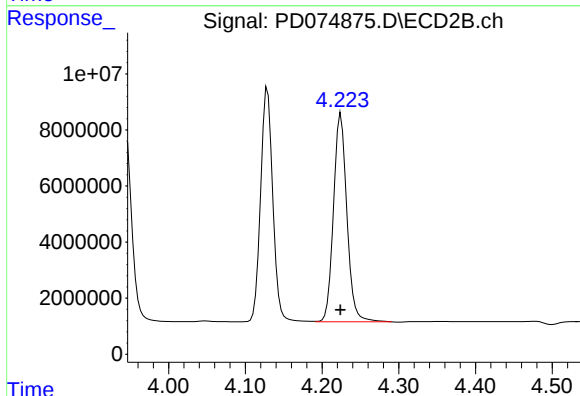
R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 86975964
Conc: 47.02 ng/ml



#5 Aldrin

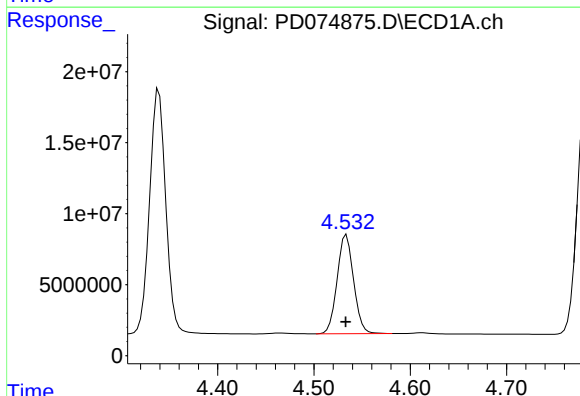
R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 199288622
Conc: 51.86 ng/ml

Instrument :
ECD_D
ClientSampleId :



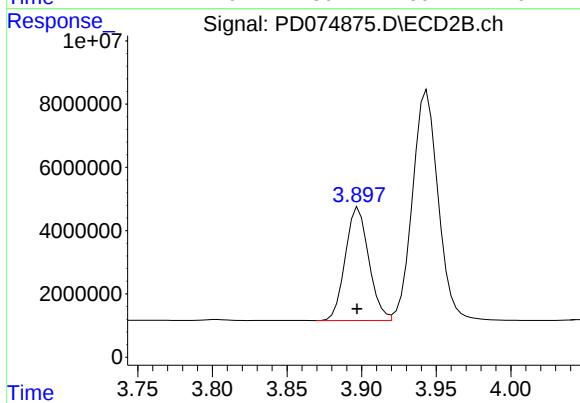
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 90024474
Conc: 48.69 ng/ml



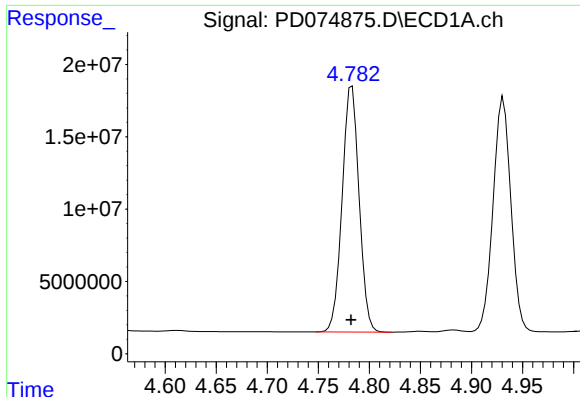
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 82553696
Conc: 49.21 ng/ml



#6 beta-BHC

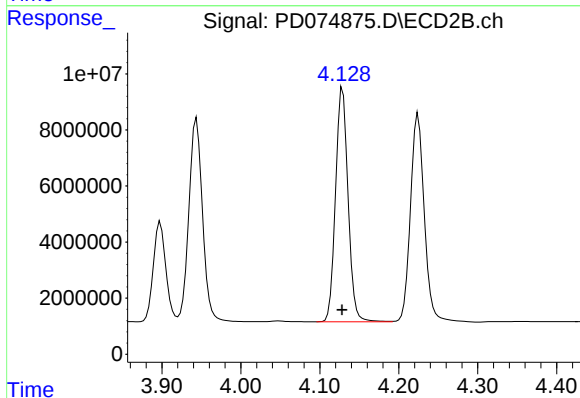
R.T.: 3.898 min
Delta R.T.: 0.001 min
Response: 39250946
Conc: 48.33 ng/ml



#7 delta-BHC

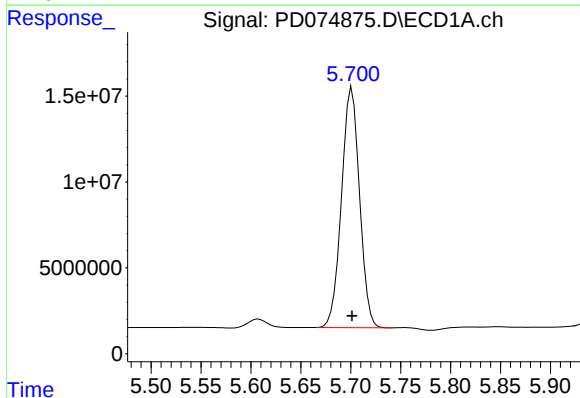
R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 196676061
Conc: 61.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



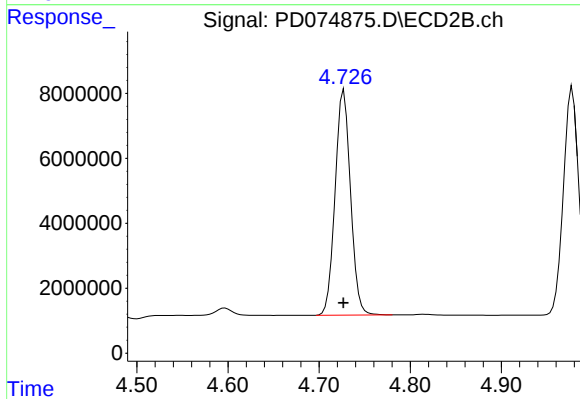
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 91982409
Conc: 48.92 ng/ml



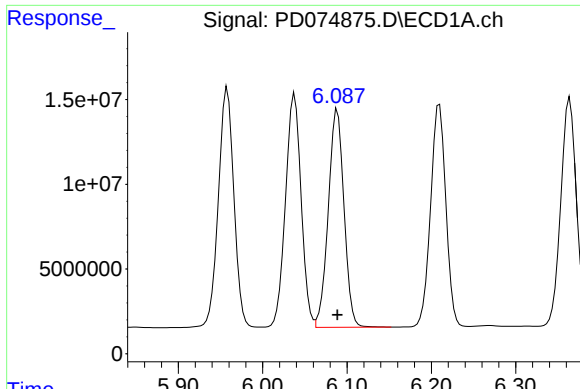
#8 Heptachlor epoxide

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 175883787
Conc: 54.43 ng/ml



#8 Heptachlor epoxide

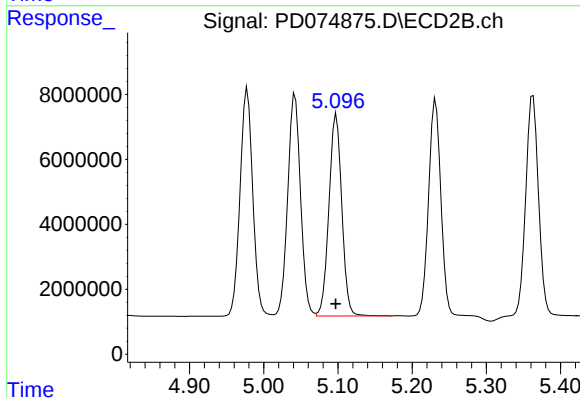
R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 81544626
Conc: 48.09 ng/ml



#9 Endosulfan I

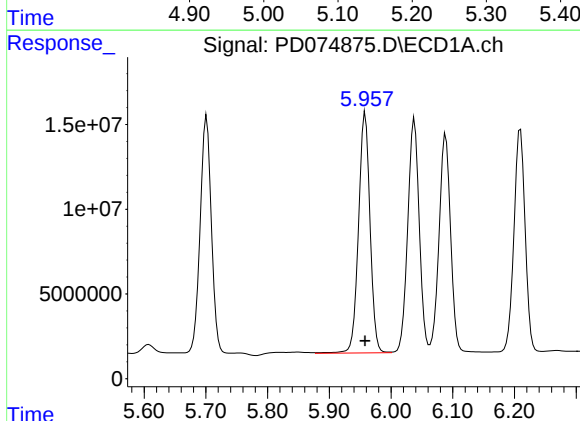
R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 166915073
Conc: 51.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



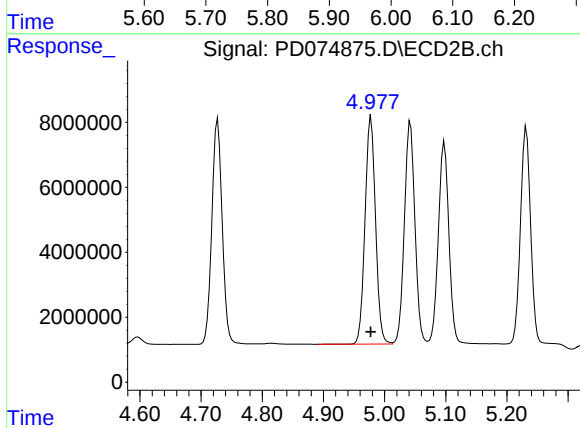
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 74783289
Conc: 46.63 ng/ml



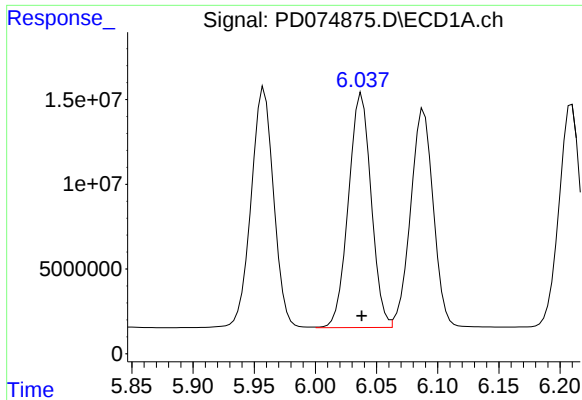
#10 gamma-Chlordane

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 183572616
Conc: 52.93 ng/ml



#10 gamma-Chlordane

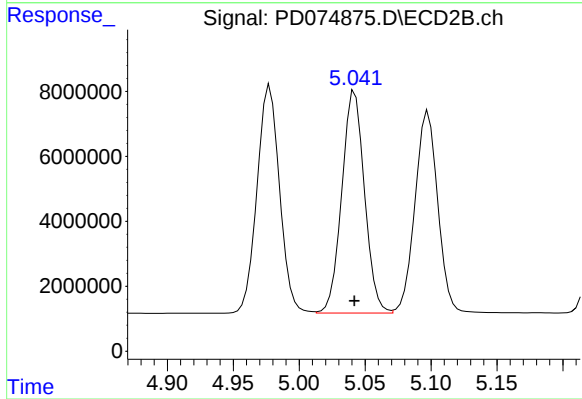
R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 83628661
Conc: 48.30 ng/ml



#11 alpha-Chlordane

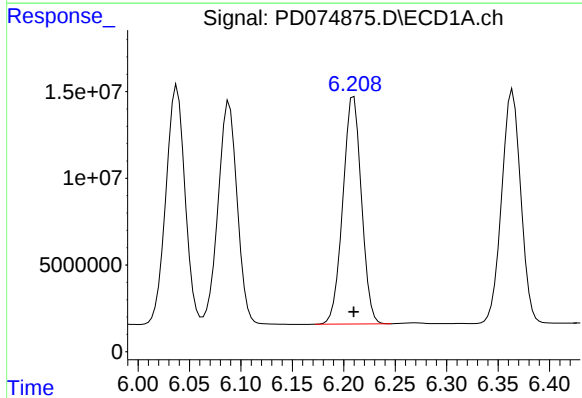
R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 178663928
Conc: 51.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



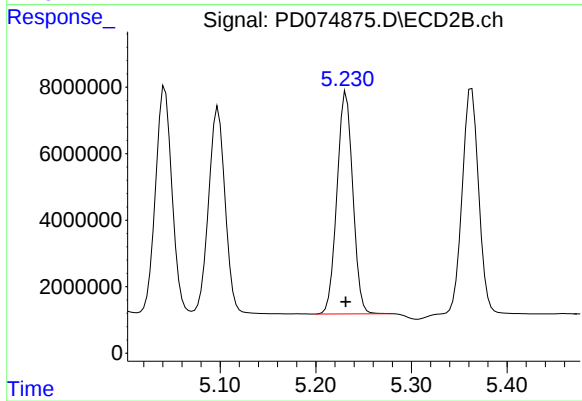
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: 0.000 min
Response: 81969338
Conc: 47.85 ng/ml



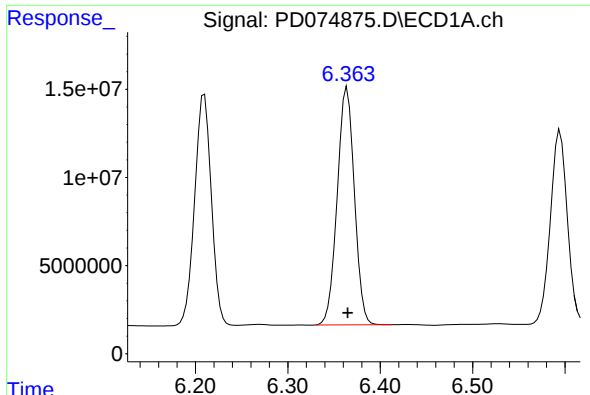
#12 4,4'-DDE

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 164876971
Conc: 51.43 ng/ml



#12 4,4'-DDE

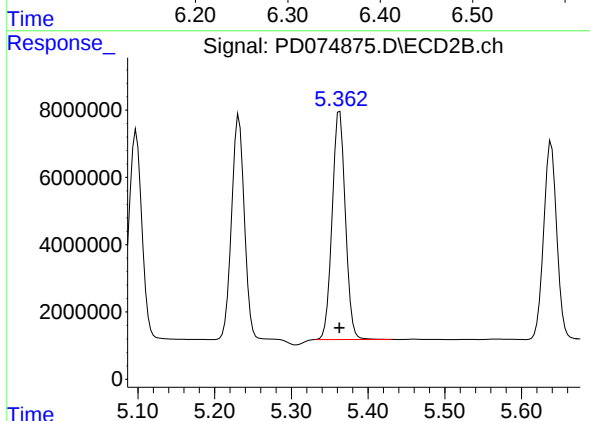
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 76835918
Conc: 48.99 ng/ml



#13 Dieldrin

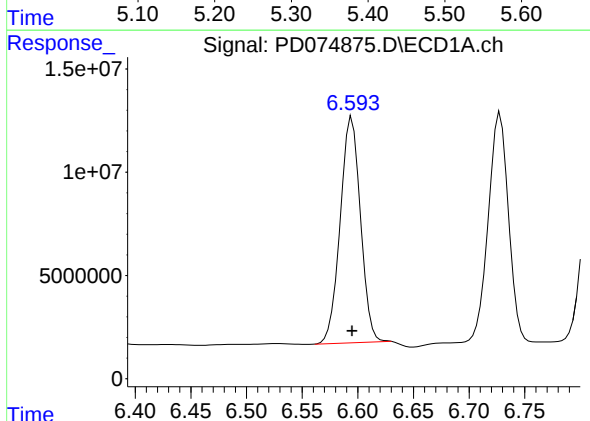
R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 173895155
Conc: 50.98 ng/ml

Instrument :
ECD_D
ClientSampleId :



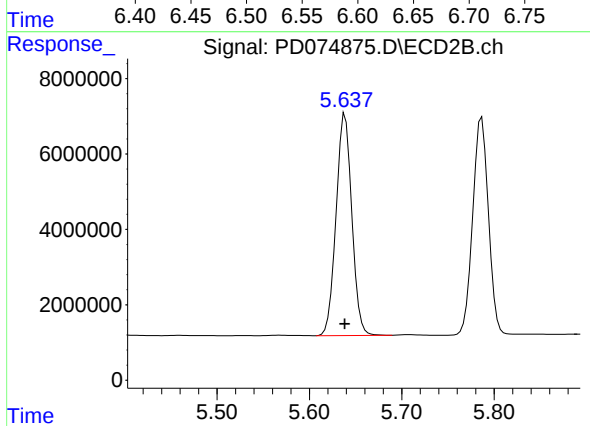
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 81261036
Conc: 48.40 ng/ml



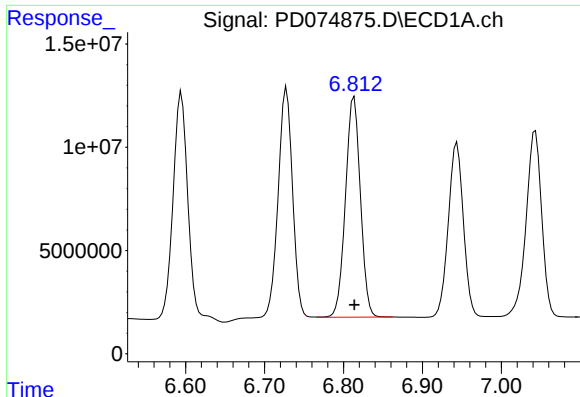
#14 Endrin

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 138752855
Conc: 47.76 ng/ml



#14 Endrin

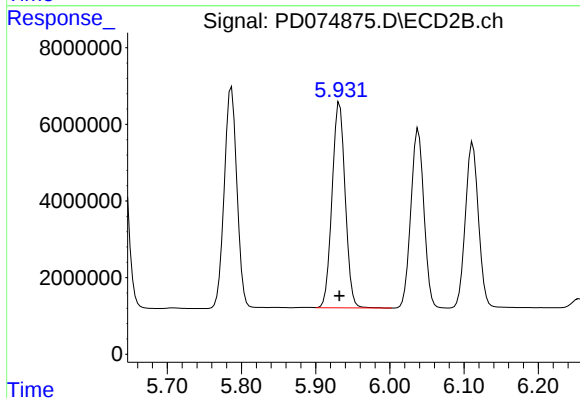
R.T.: 5.639 min
Delta R.T.: 0.000 min
Response: 69663062
Conc: 46.17 ng/ml



#15 Endosulfan II

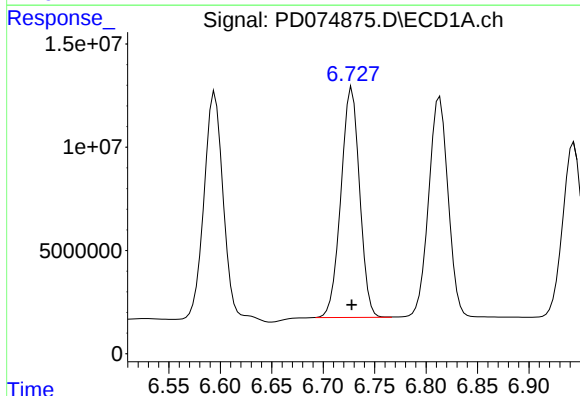
R.T.: 6.813 min
Delta R.T.: 0.000 min
Response: 140377367
Conc: 48.93 ng/ml

Instrument :
ECD_D
ClientSampleId :



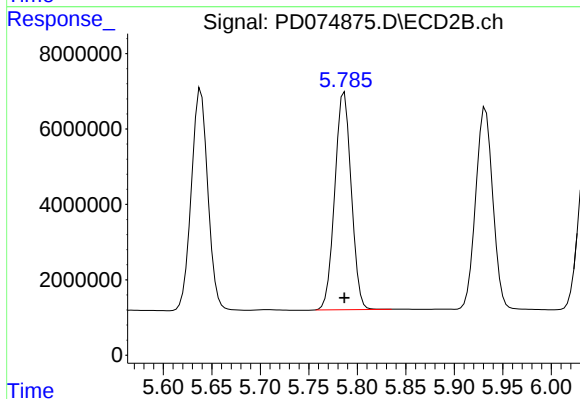
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 66070039
Conc: 48.05 ng/ml



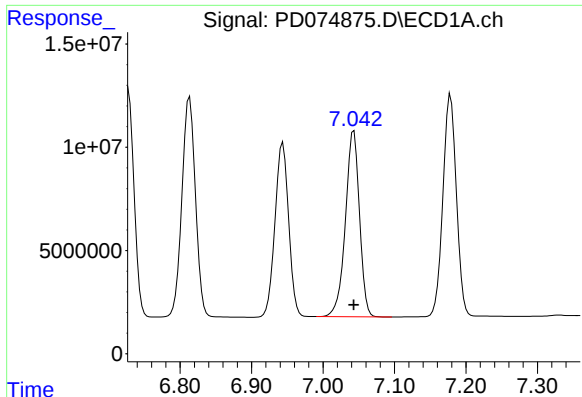
#16 4,4'-DDD

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 140759267
Conc: 53.12 ng/ml



#16 4,4'-DDD

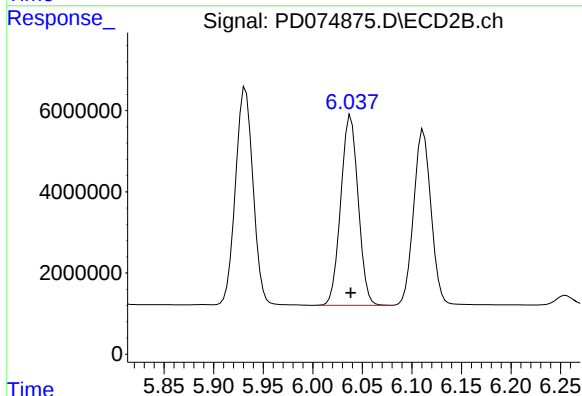
R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 68118591
Conc: 51.67 ng/ml



#17 4,4'-DDT

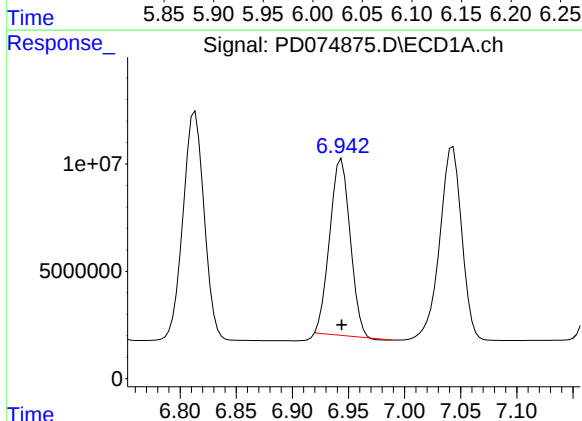
R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 123766699
Conc: 42.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



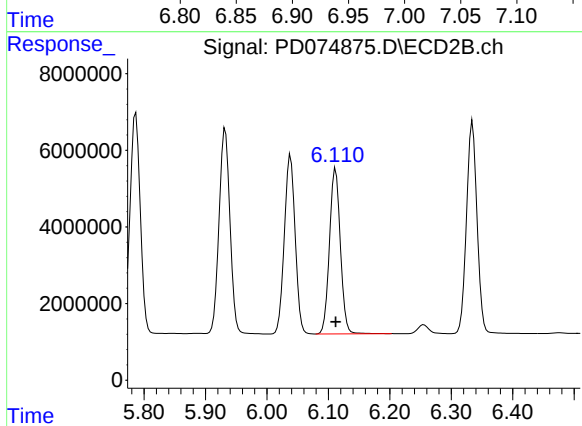
#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 57127753
Conc: 42.30 ng/ml



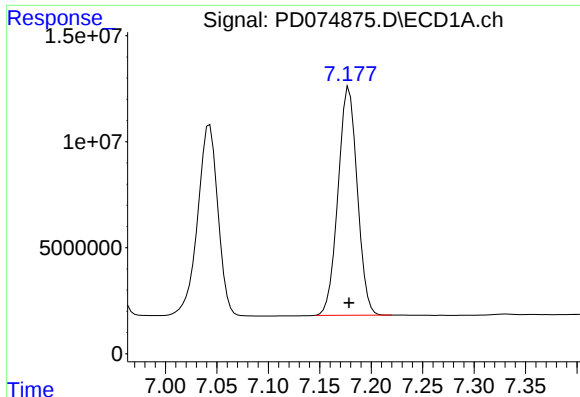
#18 Endrin aldehyde

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 103617963
Conc: 45.12 ng/ml



#18 Endrin aldehyde

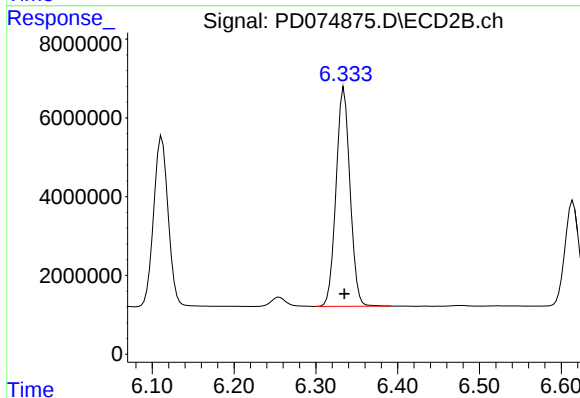
R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 53114990
Conc: 47.58 ng/ml



#19 Endosulfan Sulfate

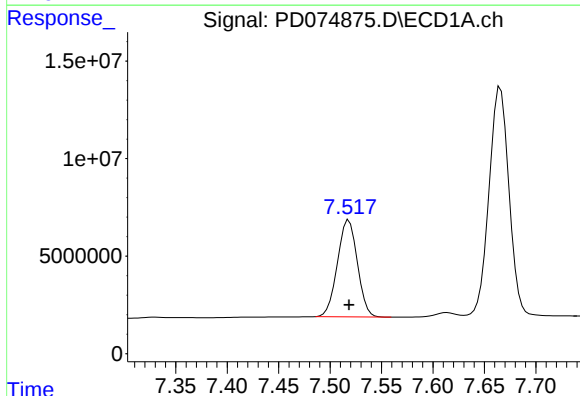
R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 139984106
Conc: 48.46 ng/ml

Instrument :
ECD_D
ClientSampleId :



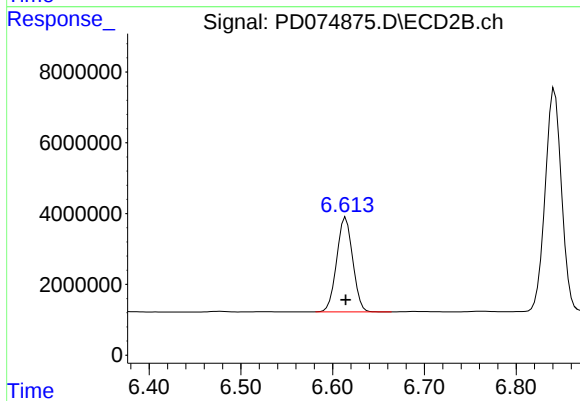
#19 Endosulfan Sulfate

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 65858667
Conc: 47.66 ng/ml



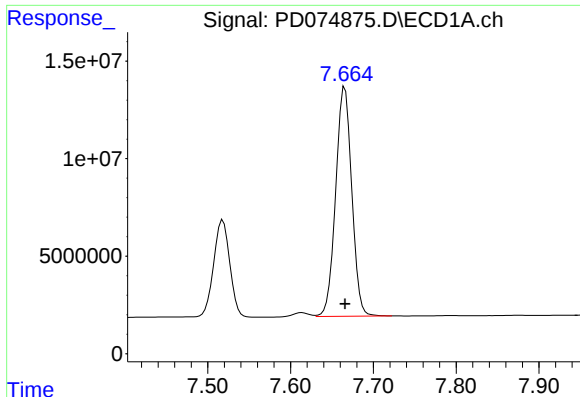
#20 Methoxychlor

R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 66991873
Conc: 41.14 ng/ml



#20 Methoxychlor

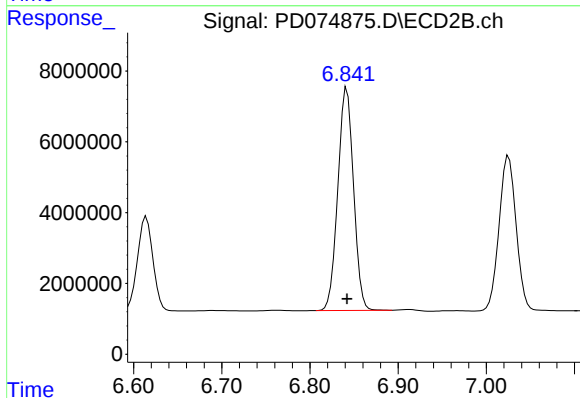
R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 32381647
Conc: 42.96 ng/ml



#21 Endrin ketone

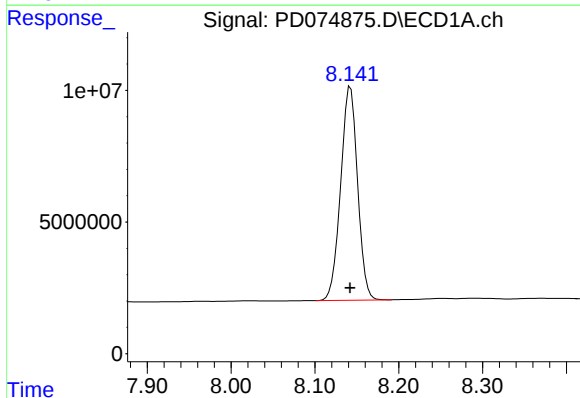
R.T.: 7.666 min
Delta R.T.: 0.000 min
Response: 159003524
Conc: 48.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



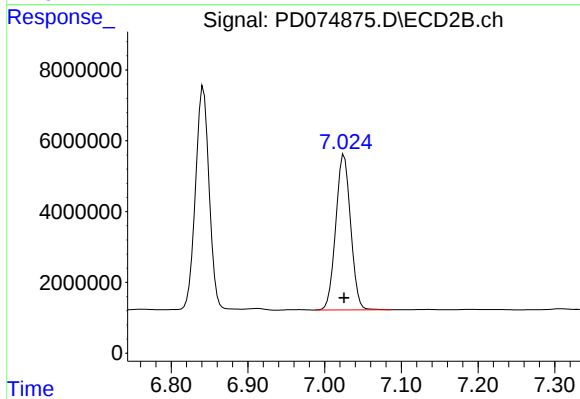
#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 77876199
Conc: 47.65 ng/ml



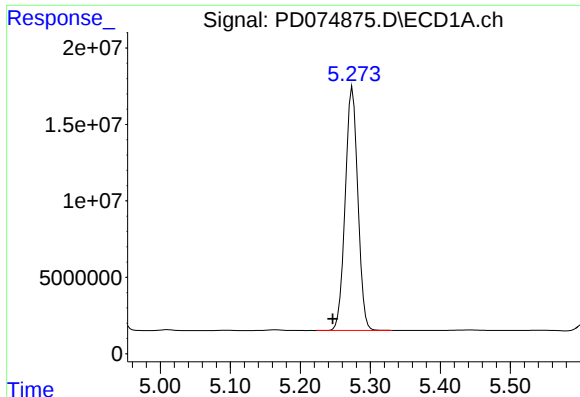
#22 Mirex

R.T.: 8.142 min
Delta R.T.: 0.000 min
Response: 113961384
Conc: 45.89 ng/ml



#22 Mirex

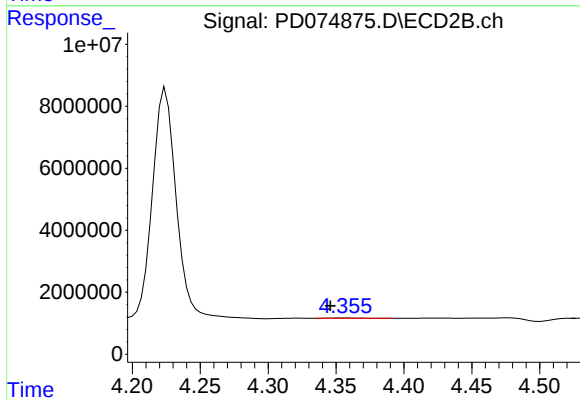
R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 59093312
Conc: 45.80 ng/ml



#24 Chlordane-2

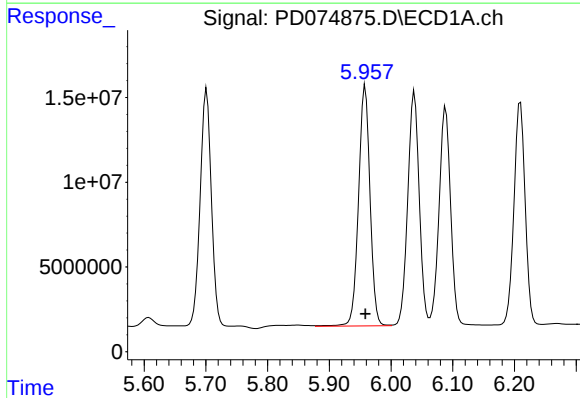
R.T.: 5.274 min
Delta R.T.: 0.028 min
Response: 199288622
Conc: 1523.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



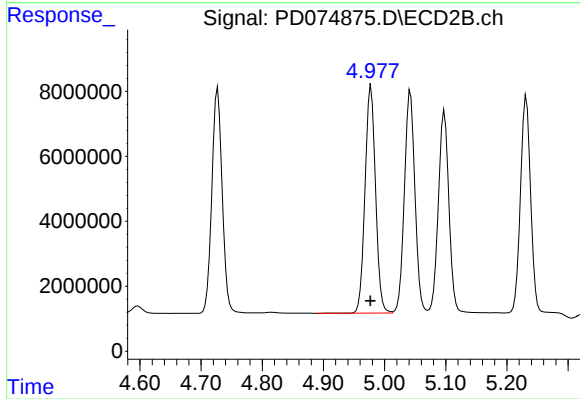
#24 Chlordane-2

R.T.: 4.356 min
Delta R.T.: 0.010 min
Response: 153032
Conc: 2.58 ng/ml



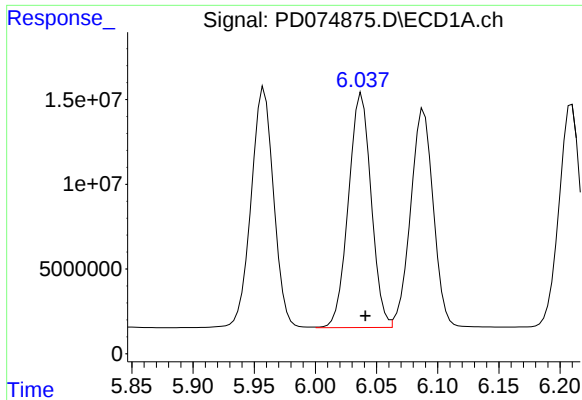
#25 Chlordane-3

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 183572616
Conc: 370.83 ng/ml



#25 Chlordane-3

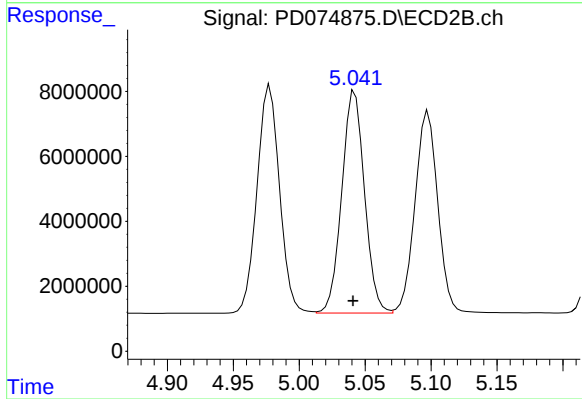
R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 83628661
Conc: 497.04 ng/ml



#26 Chlordane-4

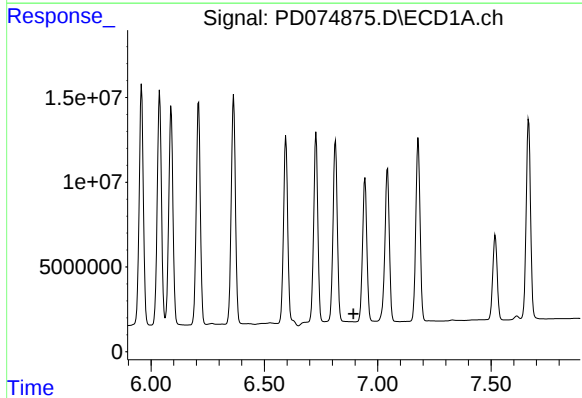
R.T.: 6.038 min
Delta R.T.: -0.003 min
Response: 178663928
Conc: 294.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



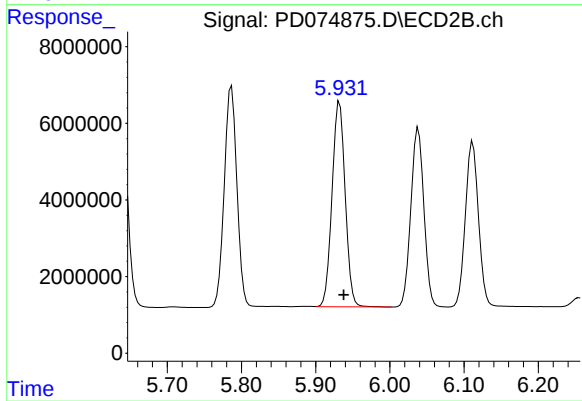
#26 Chlordane-4

R.T.: 5.042 min
Delta R.T.: 0.001 min
Response: 81969338
Conc: 506.00 ng/ml



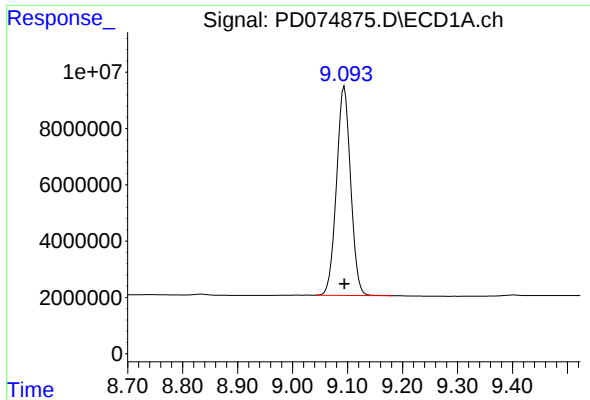
#27 Chlordane-5

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



#27 Chlordane-5

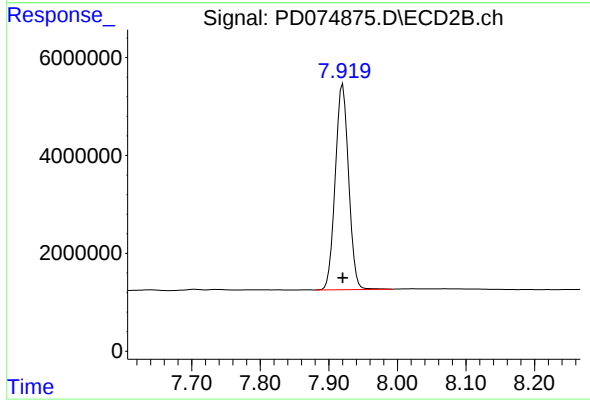
R.T.: 5.932 min
Delta R.T.: -0.006 min
Response: 66070039
Conc: 1097.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.094 min
Delta R.T.: 0.000 min
Response: 132635821
Conc: 43.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 56882278
Conc: 42.65 ng/ml