

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061923\
 Data File : PD075886.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 09:53
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

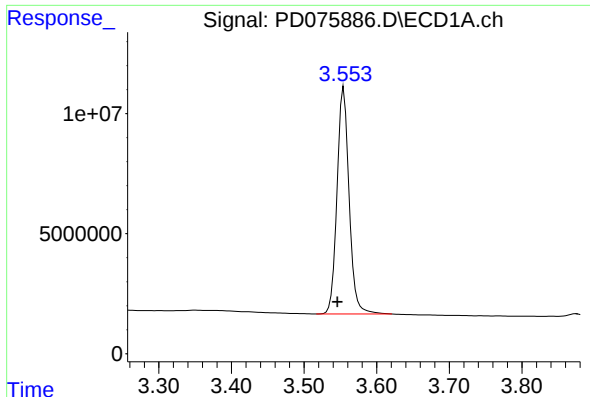
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 13:22:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.555	2.769	109.0E6	53990146	51.164	49.764
28)	SA Decachlor...	9.100	7.917	111.3E6	47726118	43.946	48.810
Target Compounds							
2)	A alpha-BHC	4.012	3.271	192.2E6	81028365	52.069	50.651
3)	MA gamma-BHC...	4.345	3.601	175.8E6	74573825	52.247	50.612
4)	MA Heptachlor	4.937	3.942	179.7E6	71454250	50.105	47.045
5)	MB Aldrin	5.280	4.222	177.4E6	73214021	50.615	49.098
6)	B beta-BHC	4.541	3.898	72260421	32032325	50.260	50.254
7)	B delta-BHC	4.790	4.129	178.9E6	74665375	53.833	51.530
8)	B Heptachlo...	5.707	4.725	158.0E6	66481945	49.031	48.399
9)	A Endosulfan I	6.094	5.096	147.4E6	62808594	49.148	49.138
10)	B gamma-Chl...	5.964	4.976	161.4E6	67895089	50.098	49.482
11)	B alpha-Chl...	6.043	5.040	159.3E6	67147715	49.269	48.950
12)	B 4,4'-DDE	6.216	5.229	145.7E6	60125095	50.975	53.868
13)	MA Dieldrin	6.370	5.361	155.2E6	66054334	49.660	48.959
14)	MA Endrin	6.600	5.636	123.3E6	55520869	46.123	45.621
15)	B Endosulfa...	6.820	5.931	121.9E6	53863613	47.188	49.927
16)	A 4,4'-DDD	6.733	5.784	119.6E6	50903753	52.562	57.762
17)	MA 4,4'-DDT	7.049	6.036	111.8E6	44340200	49.254	54.587
18)	B Endrin al...	6.950	6.110	95054903	42462872	47.371	49.062
19)	B Endosulfa...	7.185	6.333	120.8E6	54807380	47.962	50.719
20)	A Methoxychlor	7.524	6.611	58873804	23046892	45.484	49.794
21)	B Endrin ke...	7.671	6.841	135.8E6	62960014	48.741	51.821
22)	Mirex	8.147	7.022	97588496	49209540	45.548	46.946
25)	Chlordane-3	5.964	4.976	161.4E6	67895089	310.764	457.332 #
26)	Chlordane-4	6.043	5.040	159.3E6	67147715	252.736	457.540 #
27)	Chlordane-5	0.000	5.931	0	53863613	N.D.	1113.633 #

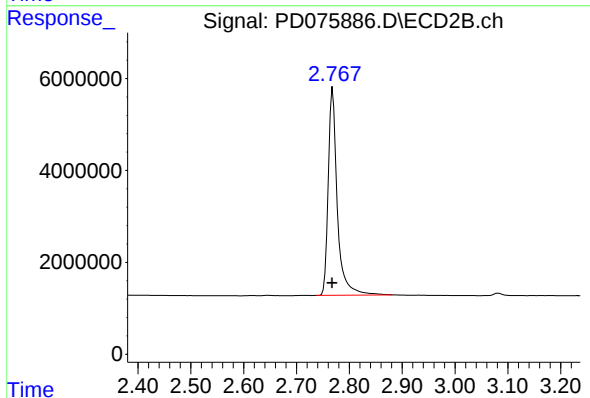
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

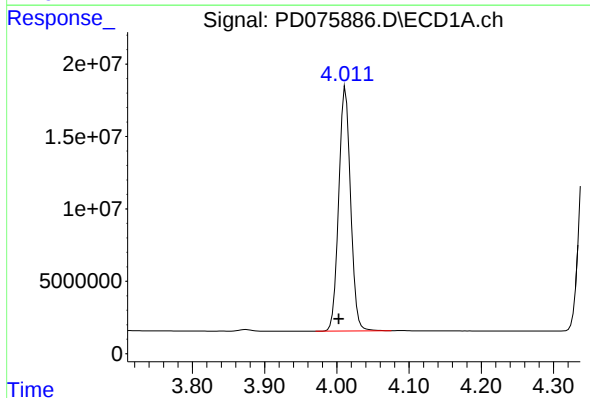
R.T.: 3.555 min
Delta R.T.: 0.009 min
Response: 108985492
Conc: 51.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



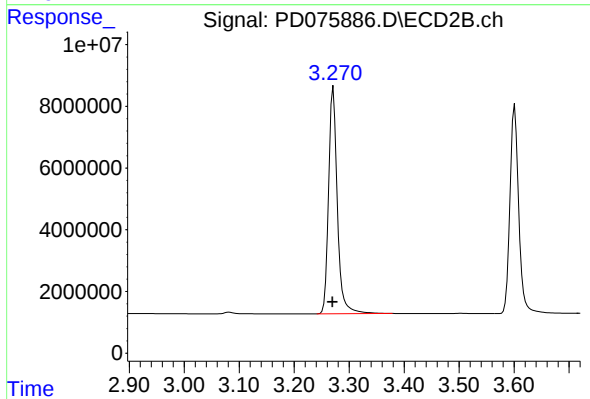
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: 0.001 min
Response: 53990146
Conc: 49.76 ng/ml



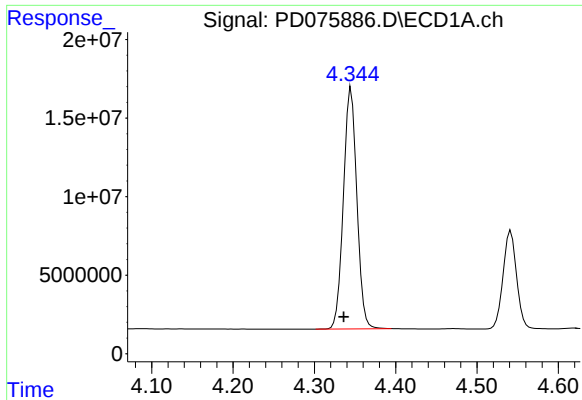
#2 alpha-BHC

R.T.: 4.012 min
Delta R.T.: 0.010 min
Response: 192244838
Conc: 52.07 ng/ml



#2 alpha-BHC

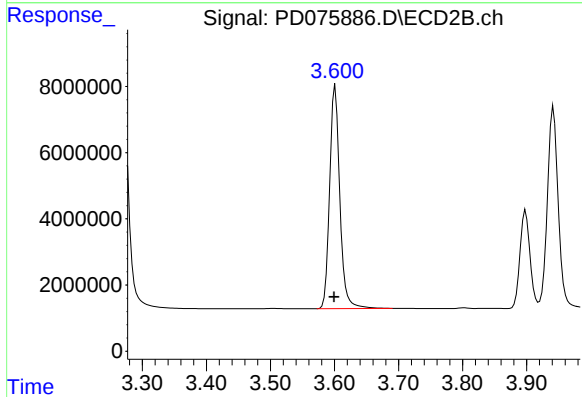
R.T.: 3.271 min
Delta R.T.: 0.002 min
Response: 81028365
Conc: 50.65 ng/ml



#3 gamma-BHC (Lindane)

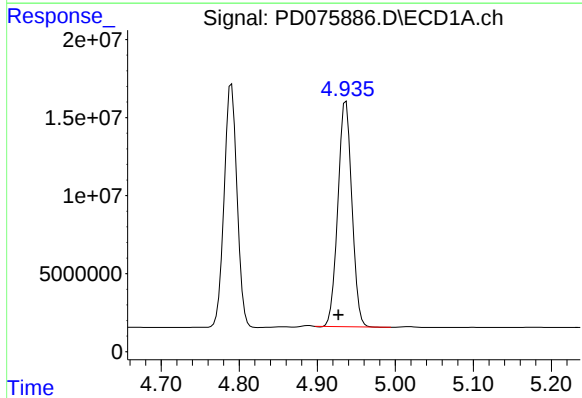
R.T.: 4.345 min
Delta R.T.: 0.009 min
Response: 175805329
Conc: 52.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



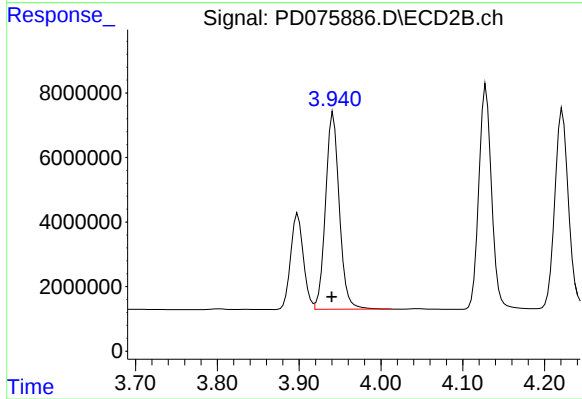
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: 0.002 min
Response: 74573825
Conc: 50.61 ng/ml



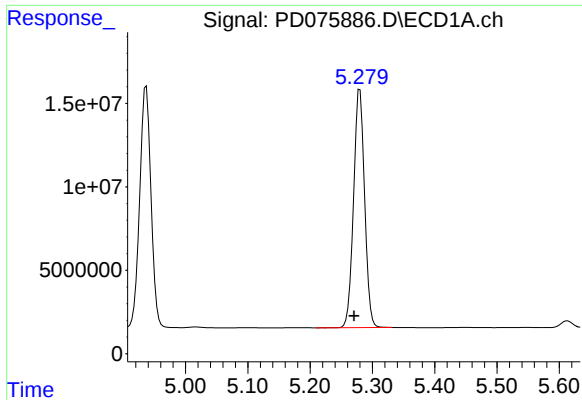
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: 0.010 min
Response: 179708034
Conc: 50.11 ng/ml



#4 Heptachlor

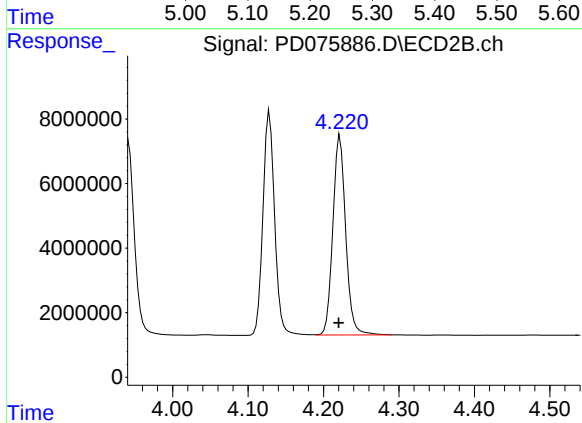
R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 71454250
Conc: 47.04 ng/ml



#5 Aldrin

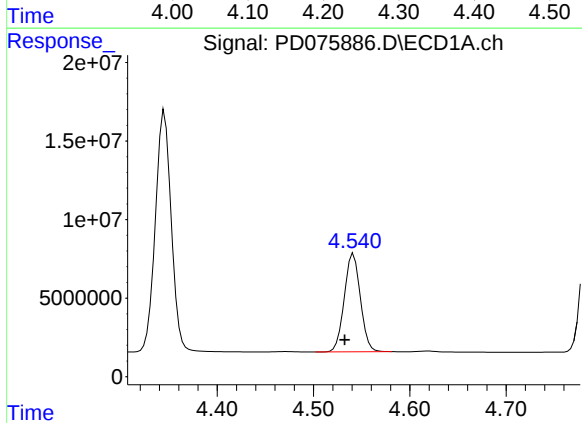
R.T.: 5.280 min
Delta R.T.: 0.009 min
Response: 177367042
Conc: 50.62 ng/ml

Instrument :
ECD_D
ClientSampleId :



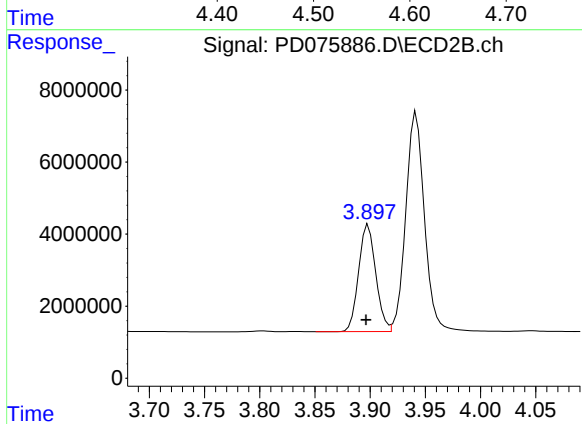
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.002 min
Response: 73214021
Conc: 49.10 ng/ml



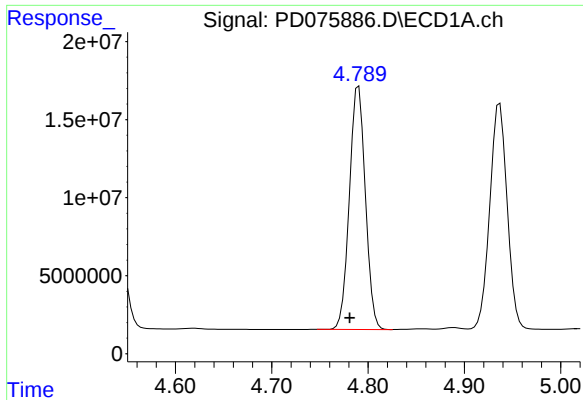
#6 beta-BHC

R.T.: 4.541 min
Delta R.T.: 0.009 min
Response: 72260421
Conc: 50.26 ng/ml



#6 beta-BHC

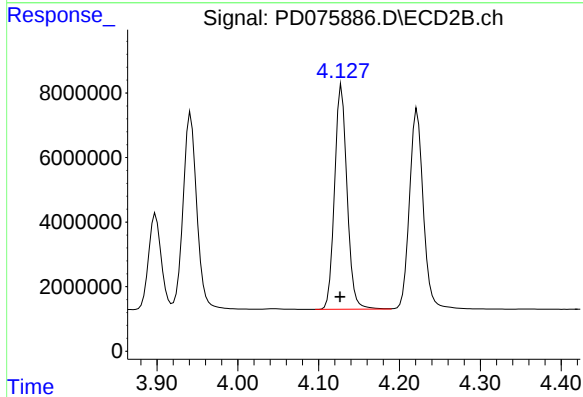
R.T.: 3.898 min
Delta R.T.: 0.002 min
Response: 32032325
Conc: 50.25 ng/ml



#7 delta-BHC

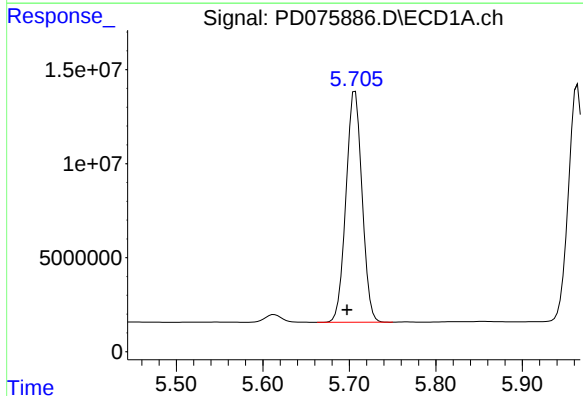
R.T.: 4.790 min
Delta R.T.: 0.009 min
Response: 178923243
Conc: 53.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



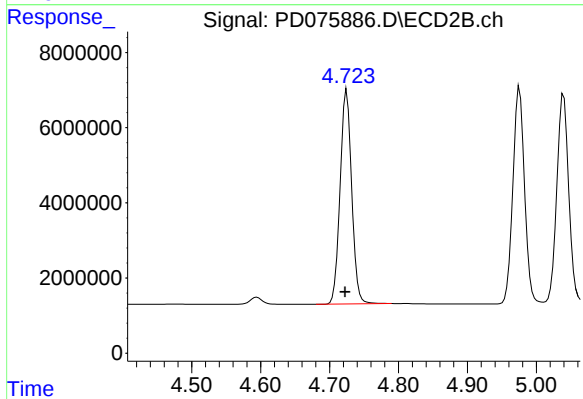
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.002 min
Response: 74665375
Conc: 51.53 ng/ml



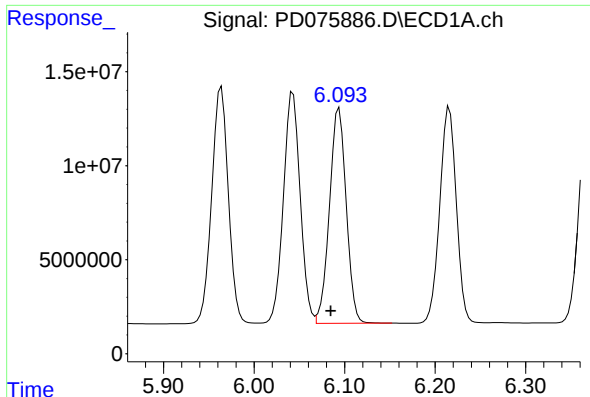
#8 Heptachlor epoxide

R.T.: 5.707 min
Delta R.T.: 0.009 min
Response: 157993902
Conc: 49.03 ng/ml



#8 Heptachlor epoxide

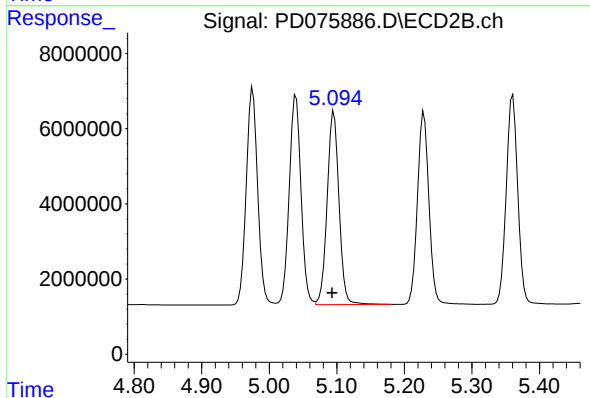
R.T.: 4.725 min
Delta R.T.: 0.002 min
Response: 66481945
Conc: 48.40 ng/ml



#9 Endosulfan I

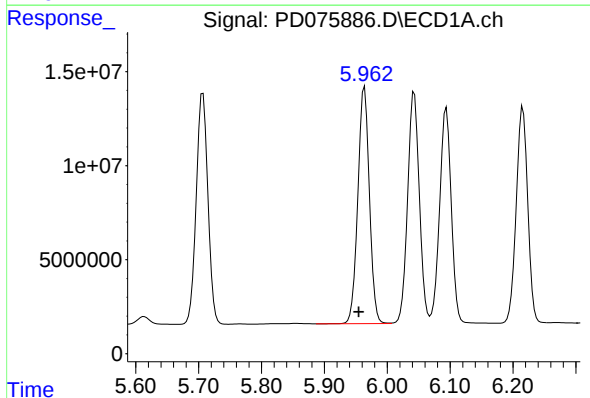
R.T.: 6.094 min
Delta R.T.: 0.009 min
Response: 147420155
Conc: 49.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



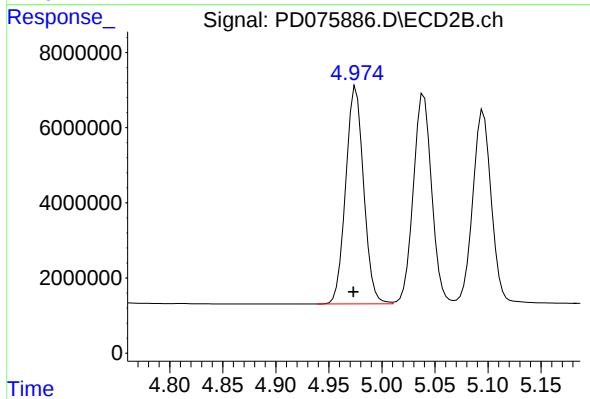
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.003 min
Response: 62808594
Conc: 49.14 ng/ml



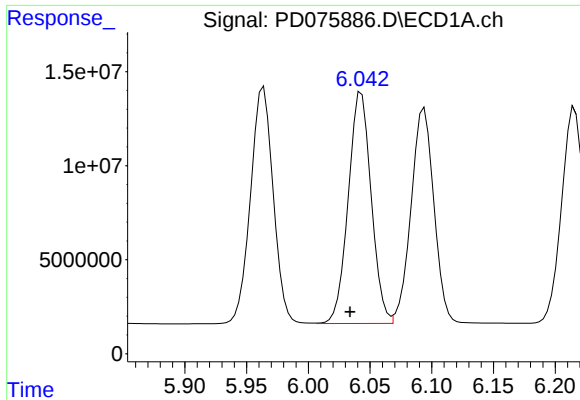
#10 gamma-Chlordane

R.T.: 5.964 min
Delta R.T.: 0.009 min
Response: 161383111
Conc: 50.10 ng/ml



#10 gamma-Chlordane

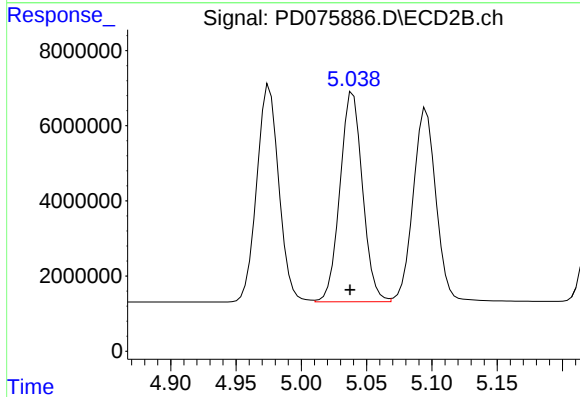
R.T.: 4.976 min
Delta R.T.: 0.002 min
Response: 67895089
Conc: 49.48 ng/ml



#11 alpha-Chlordane

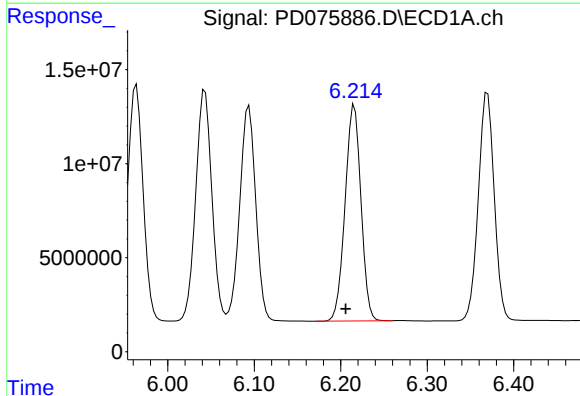
R.T.: 6.043 min
Delta R.T.: 0.009 min
Response: 159279710
Conc: 49.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



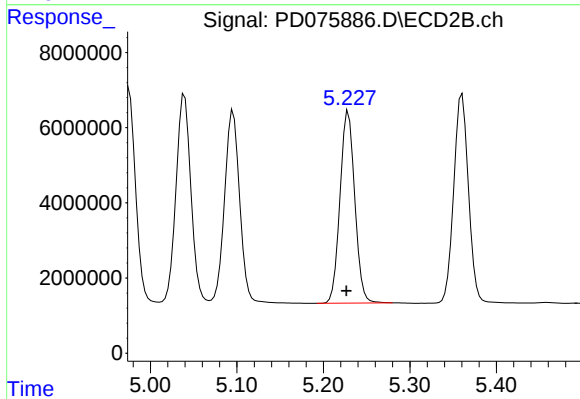
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.002 min
Response: 67147715
Conc: 48.95 ng/ml



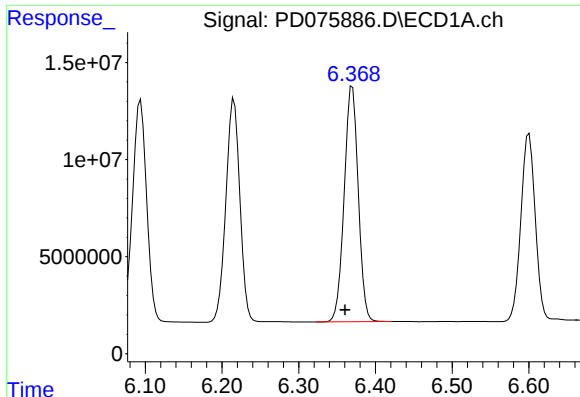
#12 4,4'-DDE

R.T.: 6.216 min
Delta R.T.: 0.010 min
Response: 145692776
Conc: 50.97 ng/ml



#12 4,4'-DDE

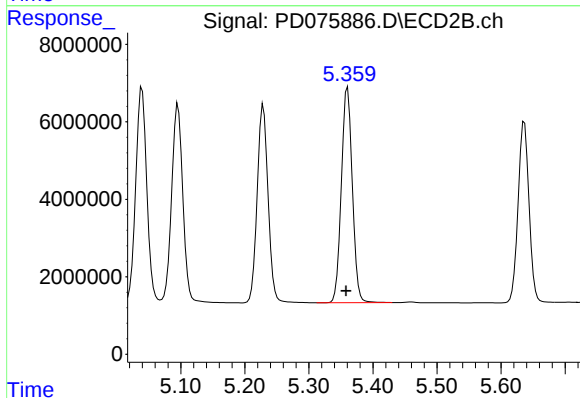
R.T.: 5.229 min
Delta R.T.: 0.002 min
Response: 60125095
Conc: 53.87 ng/ml



#13 Dieldrin

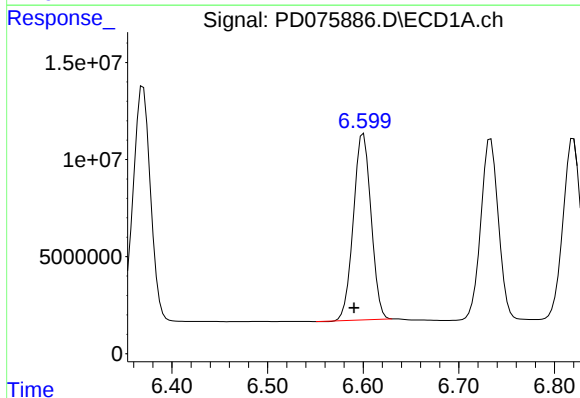
R.T.: 6.370 min
Delta R.T.: 0.009 min
Response: 155187453
Conc: 49.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



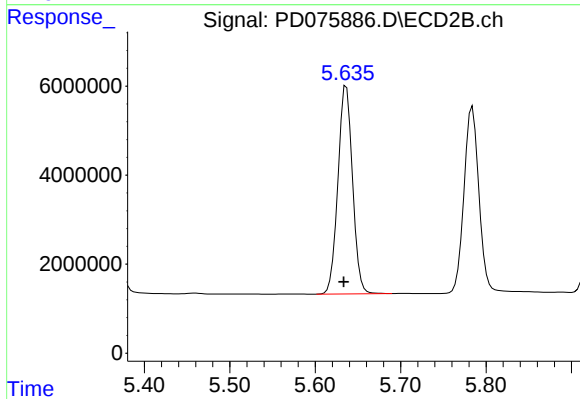
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.002 min
Response: 66054334
Conc: 48.96 ng/ml



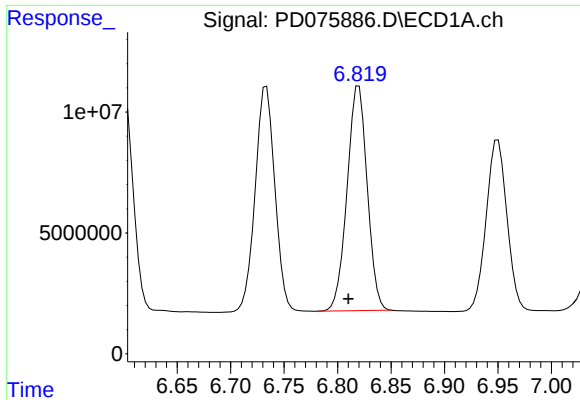
#14 Endrin

R.T.: 6.600 min
Delta R.T.: 0.010 min
Response: 123347942
Conc: 46.12 ng/ml



#14 Endrin

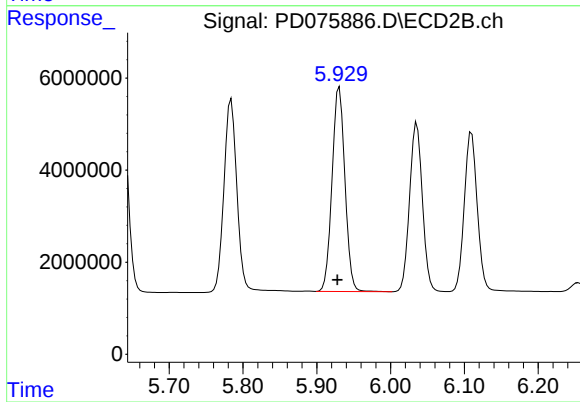
R.T.: 5.636 min
Delta R.T.: 0.003 min
Response: 55520869
Conc: 45.62 ng/ml



#15 Endosulfan II

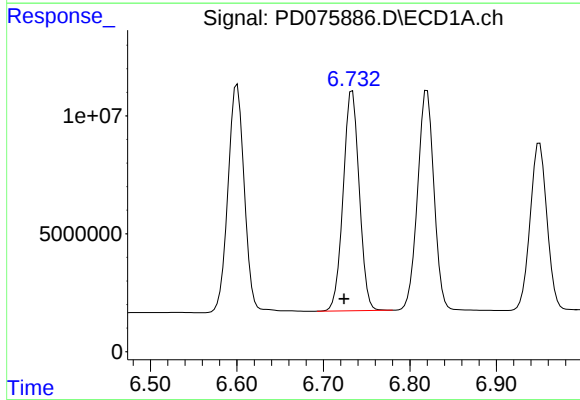
R.T.: 6.820 min
Delta R.T.: 0.010 min
Response: 121917215
Conc: 47.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



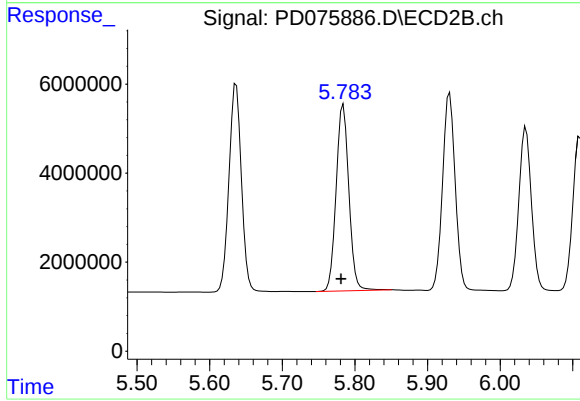
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.003 min
Response: 53863613
Conc: 49.93 ng/ml



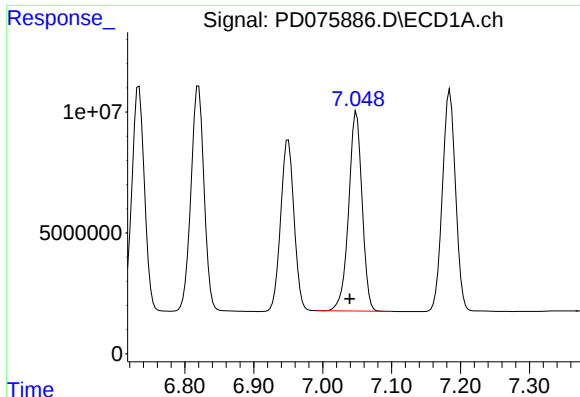
#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: 0.010 min
Response: 119611699
Conc: 52.56 ng/ml



#16 4,4'-DDD

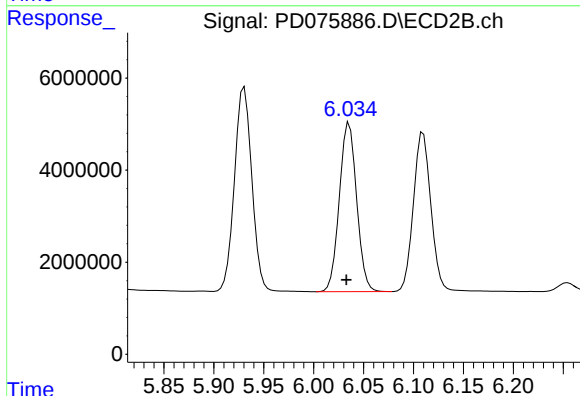
R.T.: 5.784 min
Delta R.T.: 0.003 min
Response: 50903753
Conc: 57.76 ng/ml



#17 4,4'-DDT

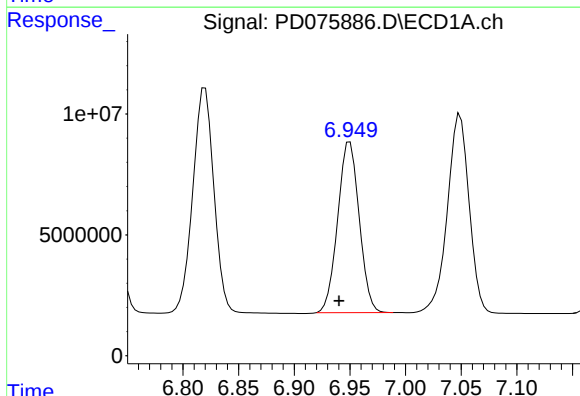
R.T.: 7.049 min
Delta R.T.: 0.010 min
Response: 111771374
Conc: 49.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



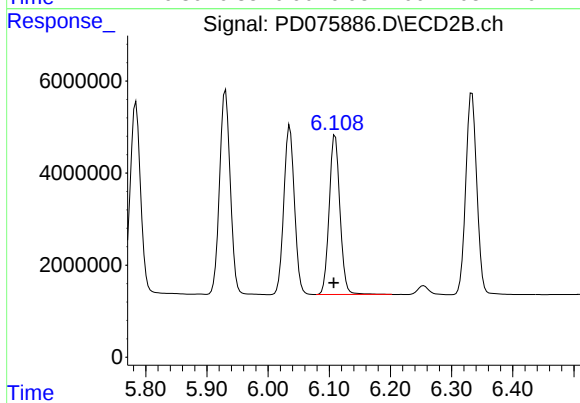
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: 0.003 min
Response: 44340200
Conc: 54.59 ng/ml



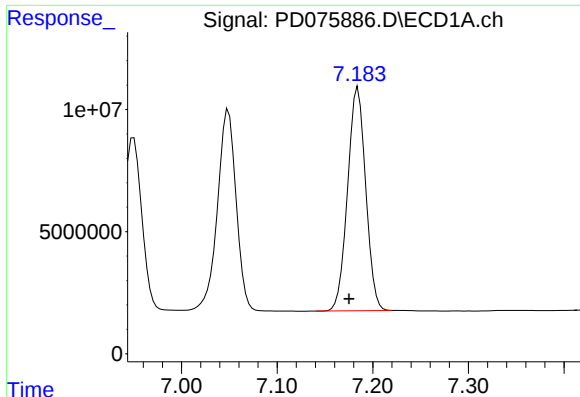
#18 Endrin aldehyde

R.T.: 6.950 min
Delta R.T.: 0.010 min
Response: 95054903
Conc: 47.37 ng/ml



#18 Endrin aldehyde

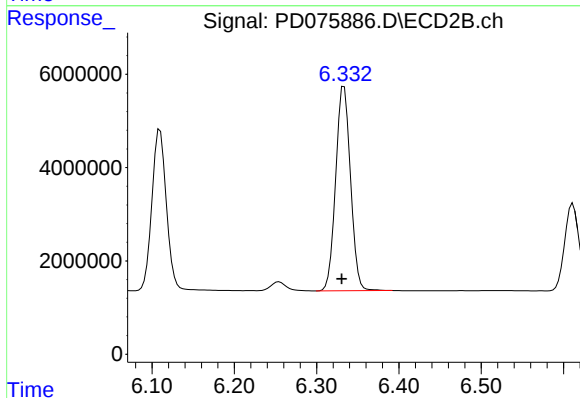
R.T.: 6.110 min
Delta R.T.: 0.002 min
Response: 42462872
Conc: 49.06 ng/ml



#19 Endosulfan Sulfate

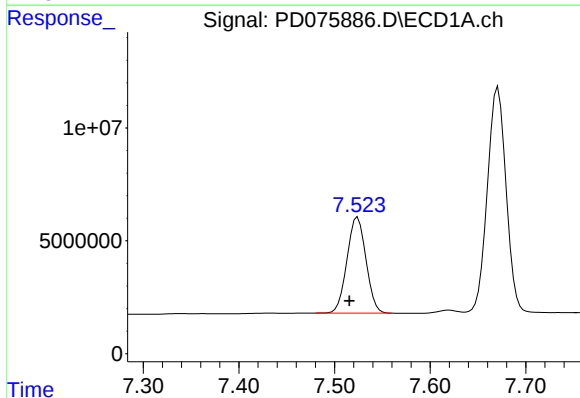
R.T.: 7.185 min
Delta R.T.: 0.009 min
Response: 120832140
Conc: 47.96 ng/ml

Instrument :
ECD_D
ClientSampleId :



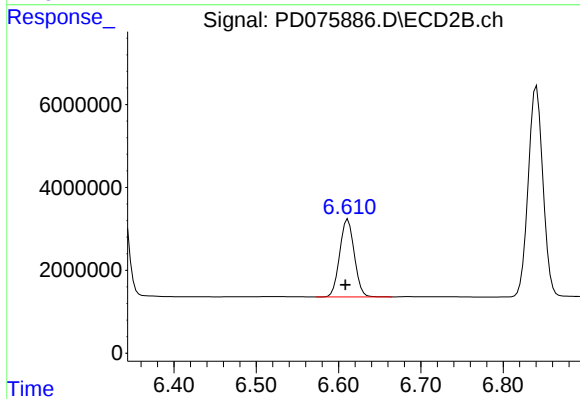
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.003 min
Response: 54807380
Conc: 50.72 ng/ml



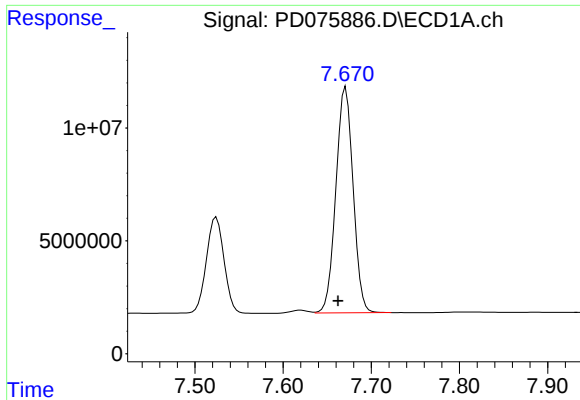
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: 0.009 min
Response: 58873804
Conc: 45.48 ng/ml



#20 Methoxychlor

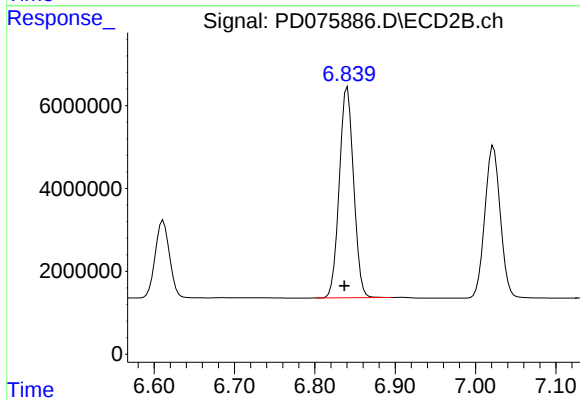
R.T.: 6.611 min
Delta R.T.: 0.003 min
Response: 23046892
Conc: 49.79 ng/ml



#21 Endrin ketone

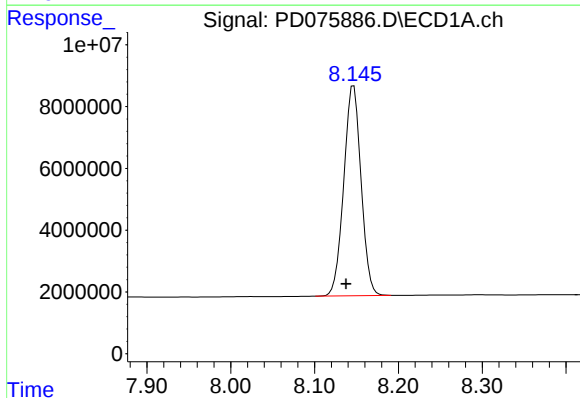
R.T.: 7.671 min
Delta R.T.: 0.009 min
Response: 135788260
Conc: 48.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



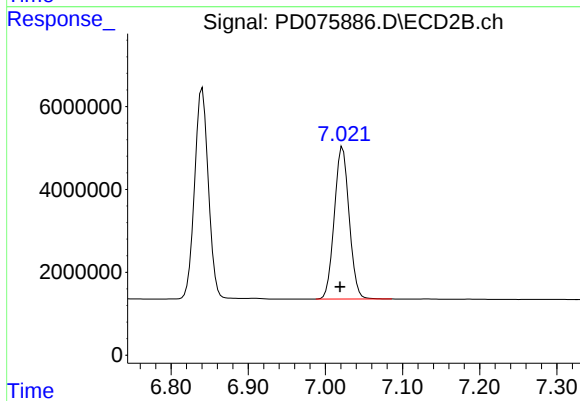
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: 0.004 min
Response: 62960014
Conc: 51.82 ng/ml



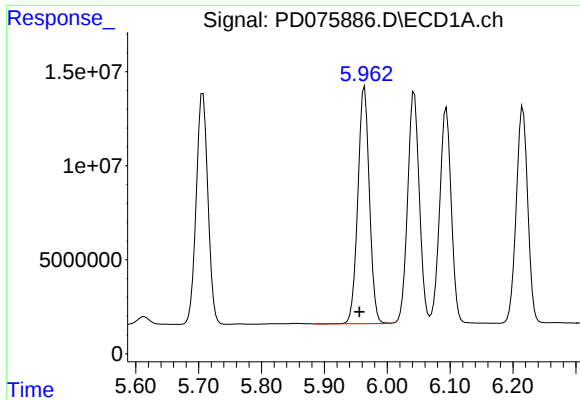
#22 Mirex

R.T.: 8.147 min
Delta R.T.: 0.009 min
Response: 97588496
Conc: 45.55 ng/ml



#22 Mirex

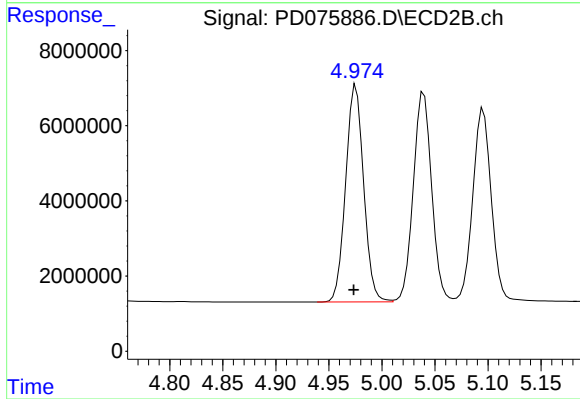
R.T.: 7.022 min
Delta R.T.: 0.003 min
Response: 49209540
Conc: 46.95 ng/ml



#25 Chlordane-3

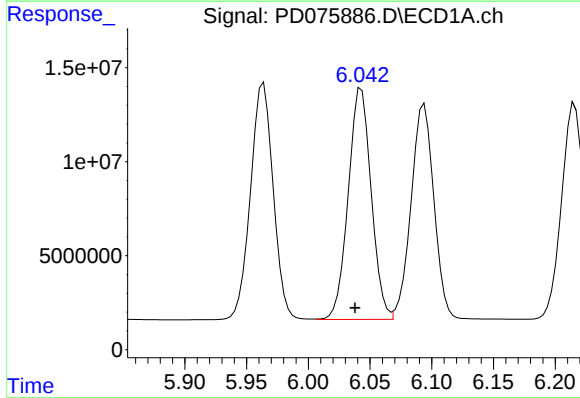
R.T.: 5.964 min
Delta R.T.: 0.008 min
Response: 161383111
Conc: 310.76 ng/ml

Instrument :
ECD_D
ClientSampleId :



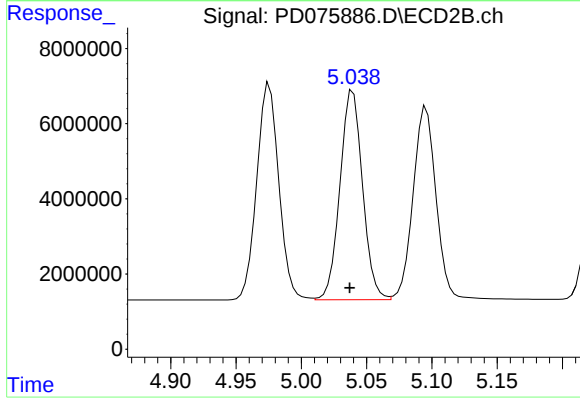
#25 Chlordane-3

R.T.: 4.976 min
Delta R.T.: 0.002 min
Response: 67895089
Conc: 457.33 ng/ml



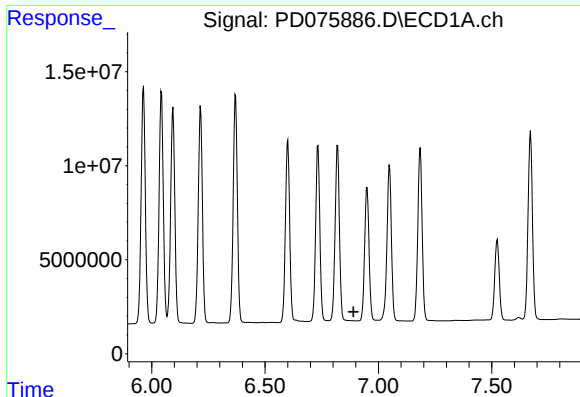
#26 Chlordane-4

R.T.: 6.043 min
Delta R.T.: 0.005 min
Response: 159279710
Conc: 252.74 ng/ml



#26 Chlordane-4

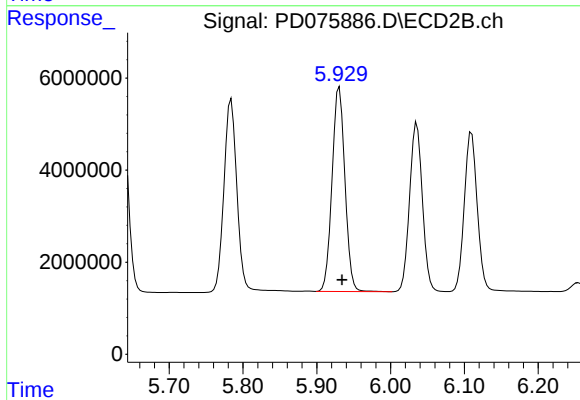
R.T.: 5.040 min
Delta R.T.: 0.002 min
Response: 67147715
Conc: 457.54 ng/ml



#27 Chlordane-5

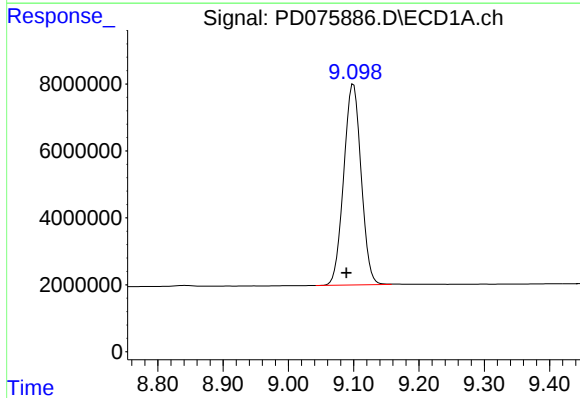
R.T.: 0.000 min
Exp R.T.: 6.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



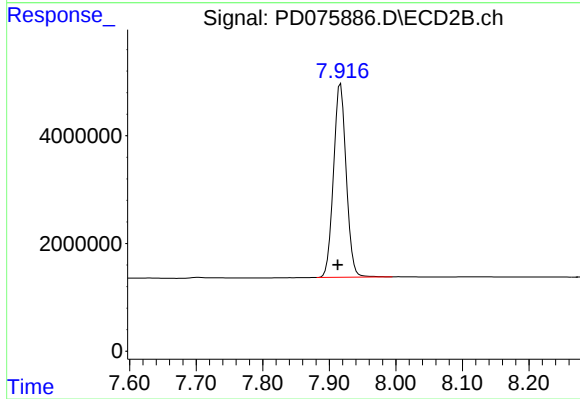
#27 Chlordane-5

R.T.: 5.931 min
Delta R.T.: -0.004 min
Response: 53863613
Conc: 1113.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.100 min
Delta R.T.: 0.011 min
Response: 111330741
Conc: 43.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.917 min
Delta R.T.: 0.004 min
Response: 47726118
Conc: 48.81 ng/ml