

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061723\
 Data File : PD075850.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2023 14:36
 Operator : AR\AJ
 Sample : 03222-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

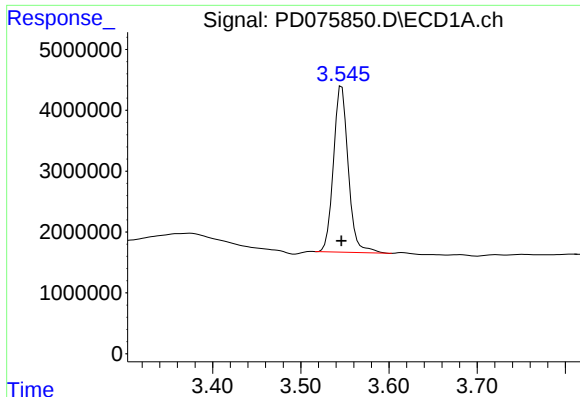
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 21:54:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.546	2.768	31921432	16023558	14.986	14.769
28)	SA Decachlor...	9.093	7.916	43936220	18871823	17.343	19.300
Target Compounds							
3)	MA gamma-BHC...	4.344	0.000	286282	0	0.085	N.D. #
4)	MA Heptachlor	4.929	3.955f	881045	3138131	0.246	2.066 #
5)	MB Aldrin	5.242f	4.236f	3069654	3104542	0.876	2.082 #
6)	B beta-BHC	4.555f	3.907	-120588	210105	N.D.	0.330
7)	B delta-BHC	4.792	4.137	2687528	2214860	0.809	1.529 #
8)	B Heptachlo...	5.692	4.723	8604611	81239	2.670	0.059 #
10)	B gamma-Chl...	5.957	4.975	42290122	4821360	13.128	3.514 #
11)	B alpha-Chl...	6.040	5.038	51881686	14663980	16.048	10.690 #
12)	B 4,4'-DDE	6.206	5.228	5216272	1392262	1.825	1.247 #
13)	MA Dieldrin	6.359	5.361	5986719	12876459	1.916	9.544 #
14)	MA Endrin	6.590	5.648	7608600	7896035	2.845	6.488 #
15)	B Endosulfa...	6.807	5.923	2785183	-868726	1.078	N.D. #
16)	A 4,4'-DDD	6.737	5.783	17956239	401657	7.891	0.456 #
17)	MA 4,4'-DDT	7.042	6.030	7693892	17418479	3.390	21.444 #
18)	B Endrin al...	6.965f	6.128f	1867050	3432895	0.930	3.966 #
19)	B Endosulfa...	7.156f	6.330	4279274	5468813	1.699	5.061 #
20)	A Methoxychlor	7.509	6.586f	240511	8234542	0.186	17.791 #
21)	B Endrin ke...	7.686f	6.838	663517	49002	0.238	0.040 #
22)	Mirex	8.142	7.021	1182959	742574	0.552	0.708 #
23)	Chlordane-1	4.711	3.767	2117118	284462	18.414	6.215 #
24)	Chlordane-2	5.242	4.346	3069654	7791423	23.324	146.960 #
25)	Chlordane-3	5.957	4.975	42290122	4821360	81.435	32.476 #
26)	Chlordane-4	6.040	5.038	51881686	14663980	82.323	99.919

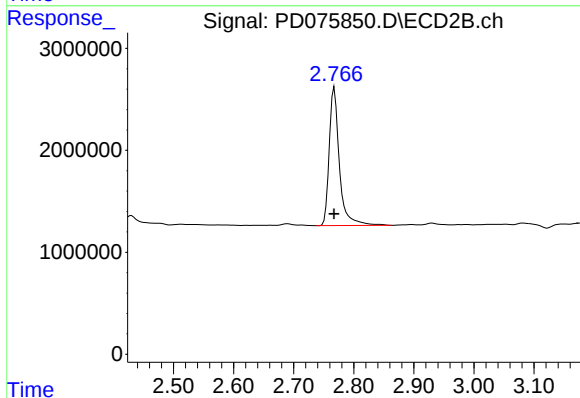
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

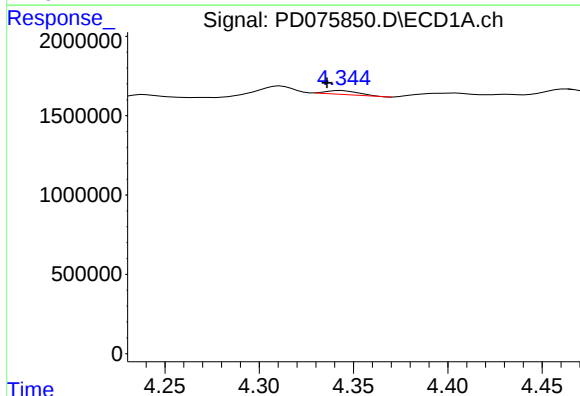
R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 31921432
Conc: 14.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



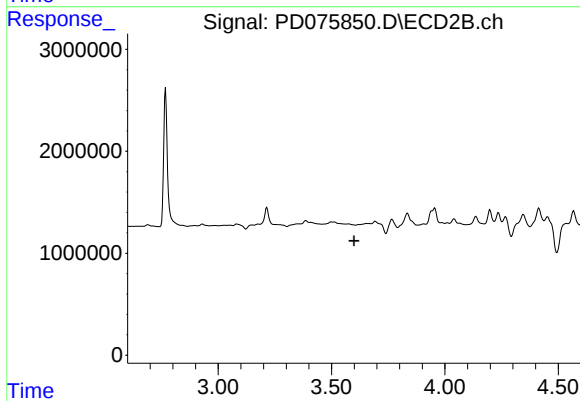
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 16023558
Conc: 14.77 ng/ml



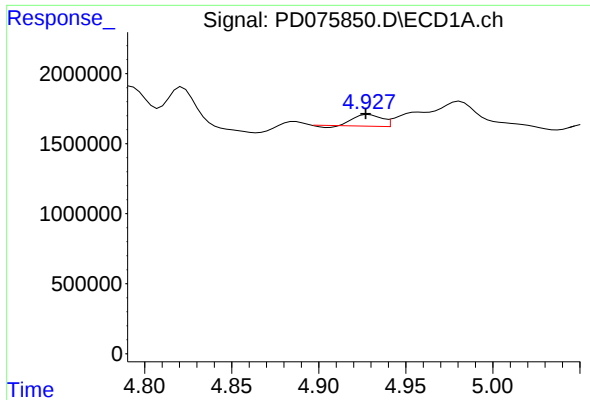
#3 gamma-BHC (Lindane)

R.T.: 4.344 min
Delta R.T.: 0.008 min
Response: 286282
Conc: 0.09 ng/ml



#3 gamma-BHC (Lindane)

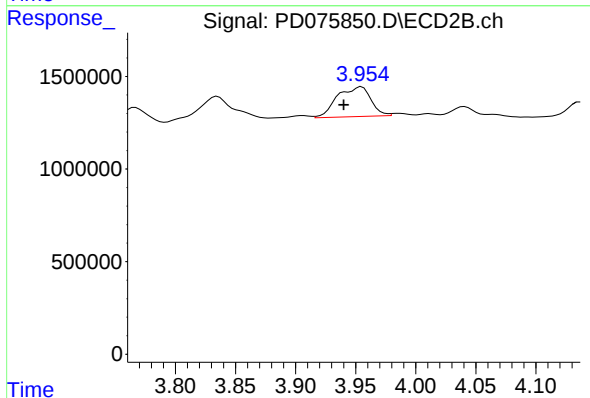
R.T.: 0.000 min
Exp R.T. : 3.599 min
Response: 0
Conc: N.D.



#4 Heptachlor

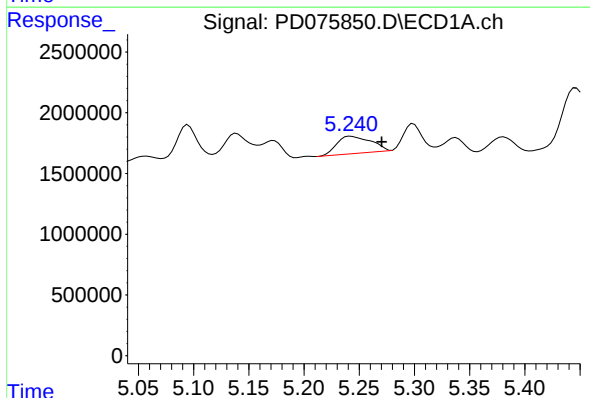
R.T.: 4.929 min
Delta R.T.: 0.002 min
Response: 881045
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



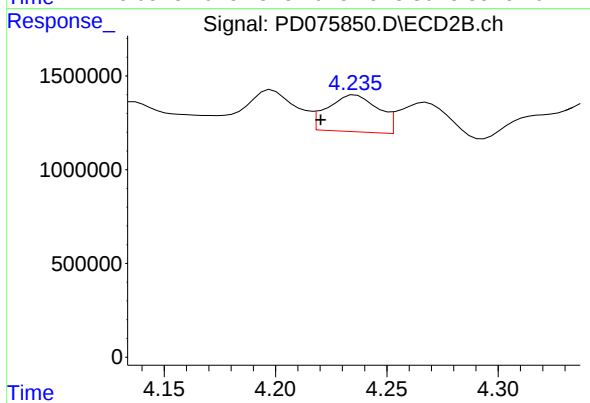
#4 Heptachlor

R.T.: 3.955 min
Delta R.T.: 0.015 min
Response: 3138131
Conc: 2.07 ng/ml



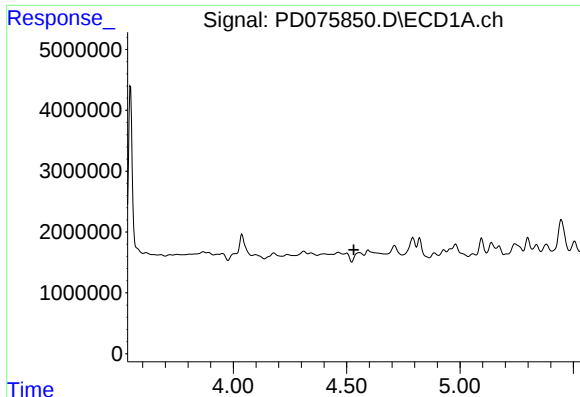
#5 Aldrin

R.T.: 5.242 min
Delta R.T.: -0.028 min
Response: 3069654
Conc: 0.88 ng/ml



#5 Aldrin

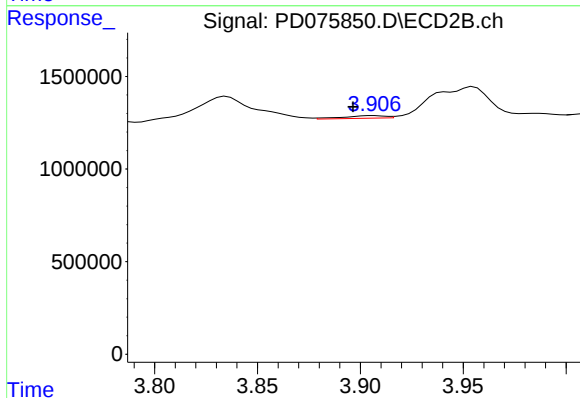
R.T.: 4.236 min
Delta R.T.: 0.016 min
Response: 3104542
Conc: 2.08 ng/ml



#6 beta-BHC

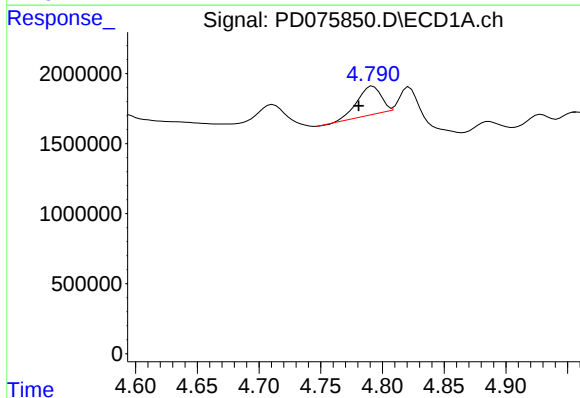
R.T.: 4.555 min
Delta R.T.: 0.023 min
Response: -120588
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



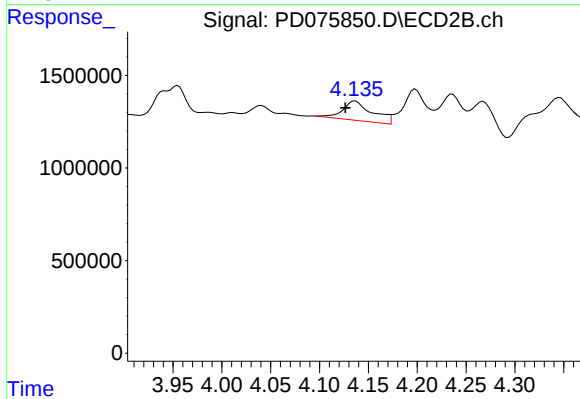
#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.010 min
Response: 210105
Conc: 0.33 ng/ml



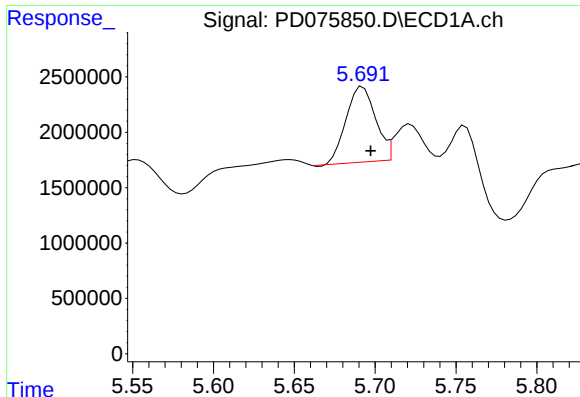
#7 delta-BHC

R.T.: 4.792 min
Delta R.T.: 0.011 min
Response: 2687528
Conc: 0.81 ng/ml



#7 delta-BHC

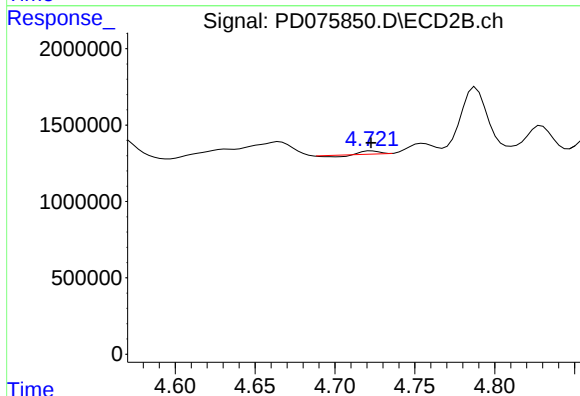
R.T.: 4.137 min
Delta R.T.: 0.010 min
Response: 2214860
Conc: 1.53 ng/ml



#8 Heptachlor epoxide

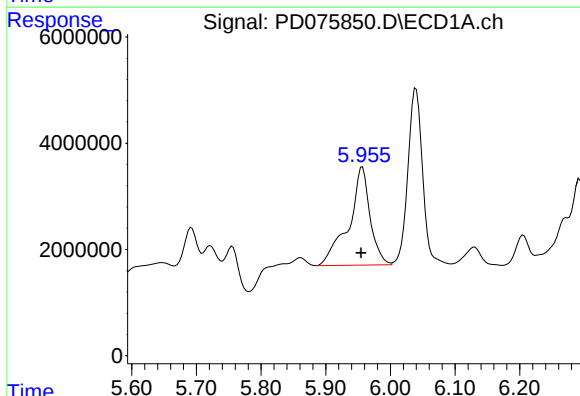
R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 8604611
Conc: 2.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



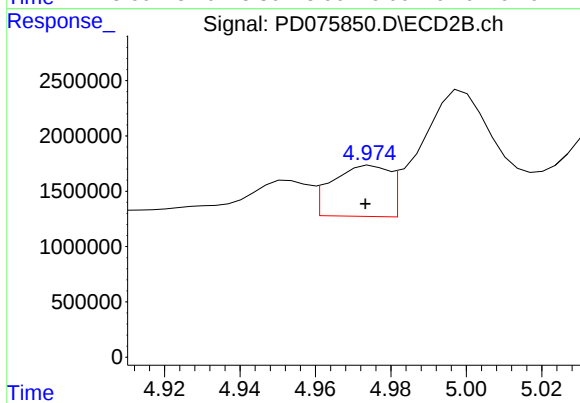
#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 81239
Conc: 0.06 ng/ml



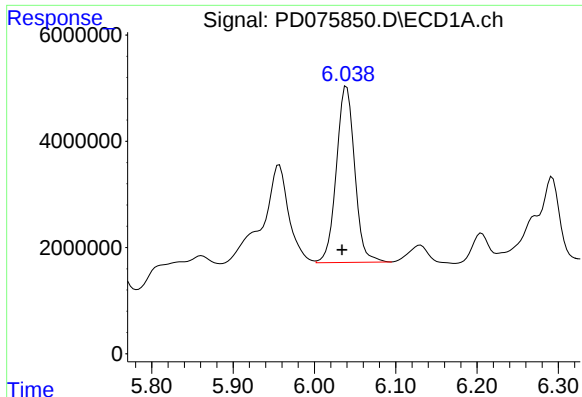
#10 gamma-Chlordane

R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 42290122
Conc: 13.13 ng/ml



#10 gamma-Chlordane

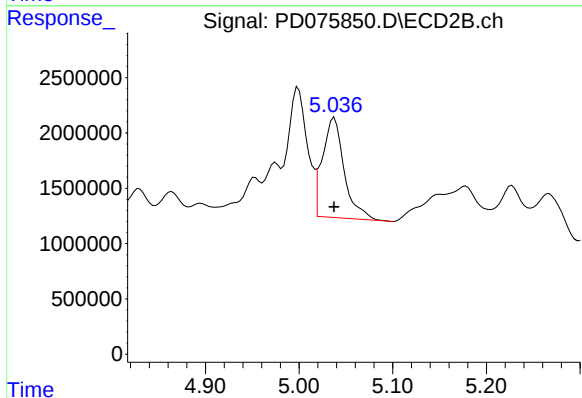
R.T.: 4.975 min
Delta R.T.: 0.002 min
Response: 4821360
Conc: 3.51 ng/ml



#11 alpha-Chlordane

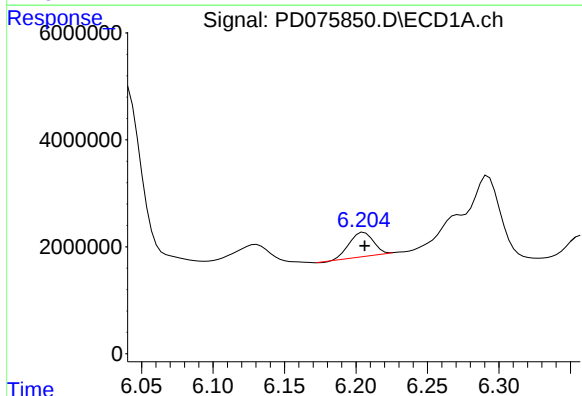
R.T.: 6.040 min
Delta R.T.: 0.006 min
Response: 51881686
Conc: 16.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



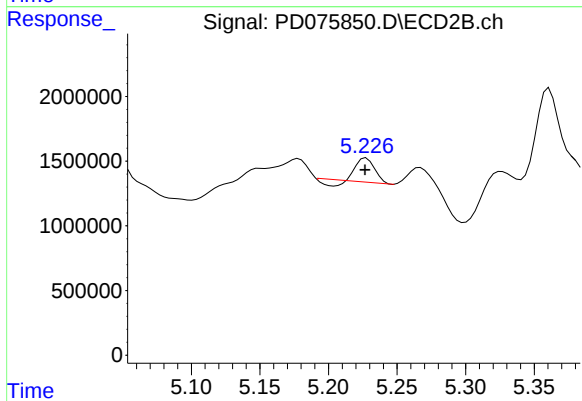
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 14663980
Conc: 10.69 ng/ml



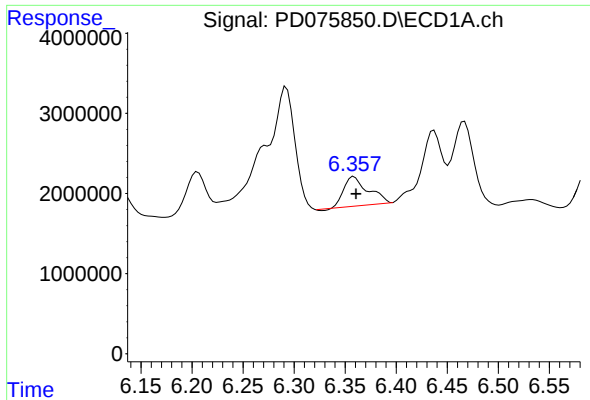
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 5216272
Conc: 1.83 ng/ml



#12 4,4'-DDE

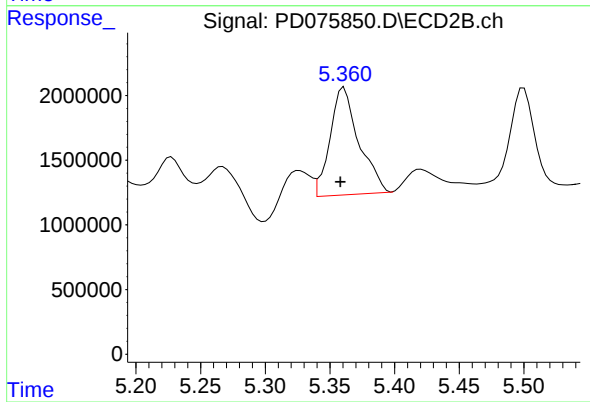
R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 1392262
Conc: 1.25 ng/ml



#13 Dieldrin

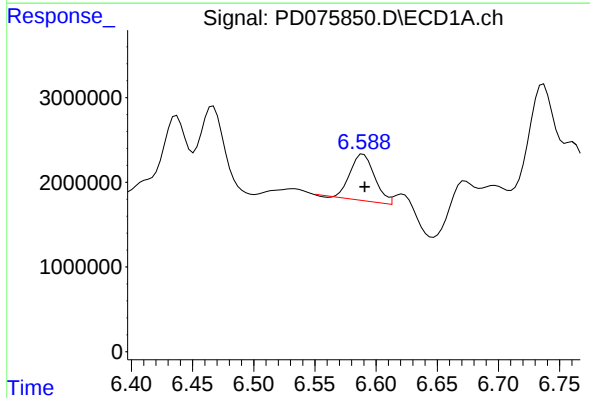
R.T.: 6.359 min
Delta R.T.: -0.002 min
Response: 5986719
Conc: 1.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



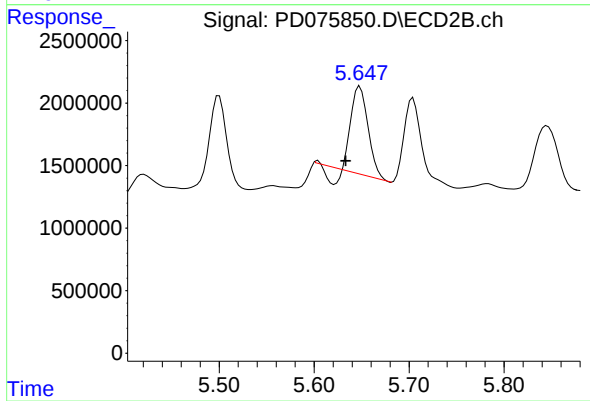
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.003 min
Response: 12876459
Conc: 9.54 ng/ml



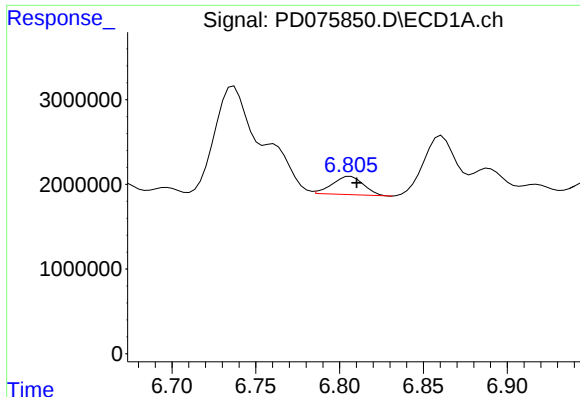
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 7608600
Conc: 2.85 ng/ml



#14 Endrin

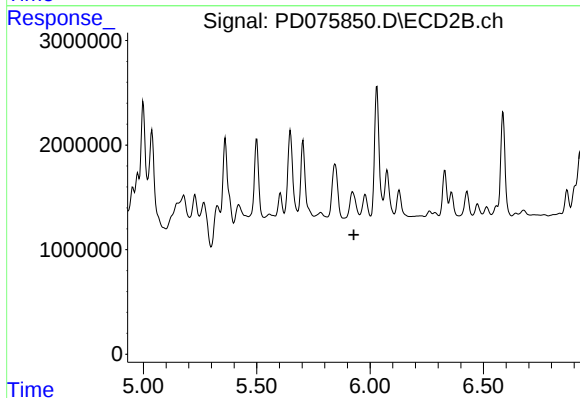
R.T.: 5.648 min
Delta R.T.: 0.015 min
Response: 7896035
Conc: 6.49 ng/ml



#15 Endosulfan II

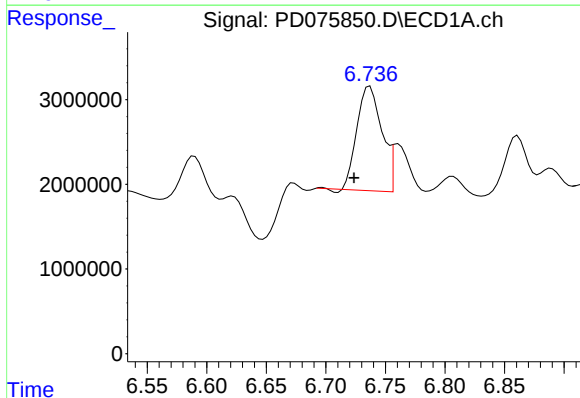
R.T.: 6.807 min
Delta R.T.: -0.004 min
Response: 2785183
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



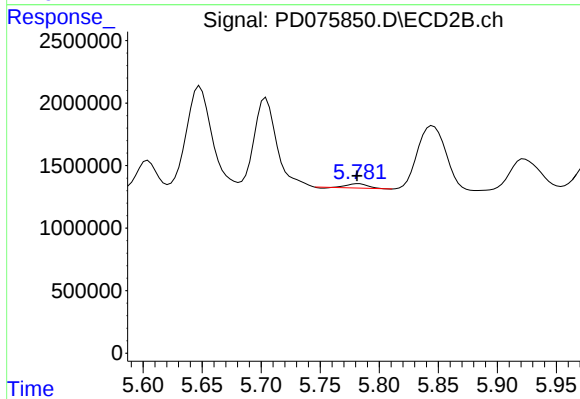
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.005 min
Response: -868726
Conc: N.D.



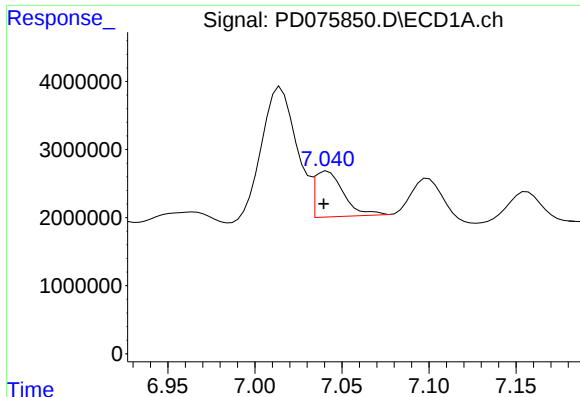
#16 4,4'-DDD

R.T.: 6.737 min
Delta R.T.: 0.013 min
Response: 17956239
Conc: 7.89 ng/ml



#16 4,4'-DDD

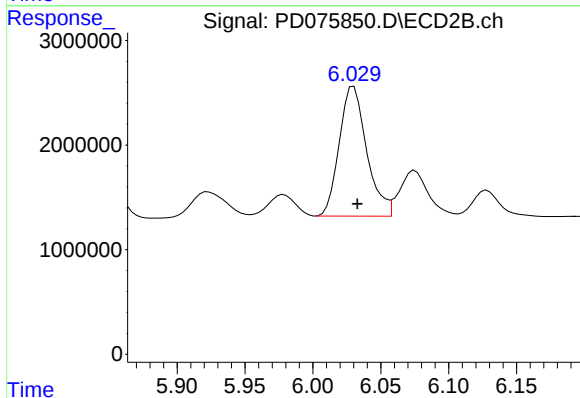
R.T.: 5.783 min
Delta R.T.: 0.001 min
Response: 401657
Conc: 0.46 ng/ml



#17 4,4'-DDT

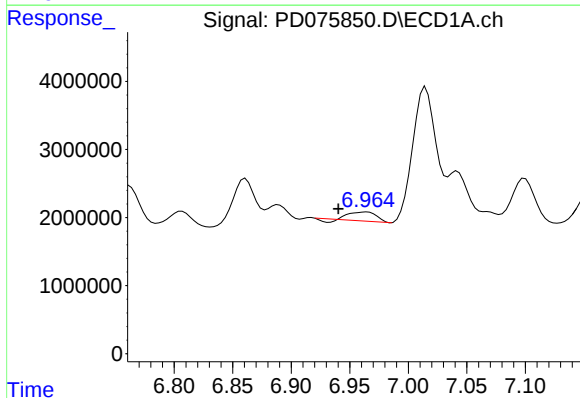
R.T.: 7.042 min
Delta R.T.: 0.002 min
Response: 7693892
Conc: 3.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



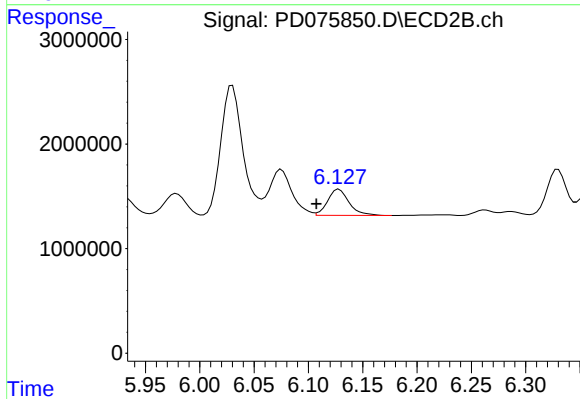
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 17418479
Conc: 21.44 ng/ml



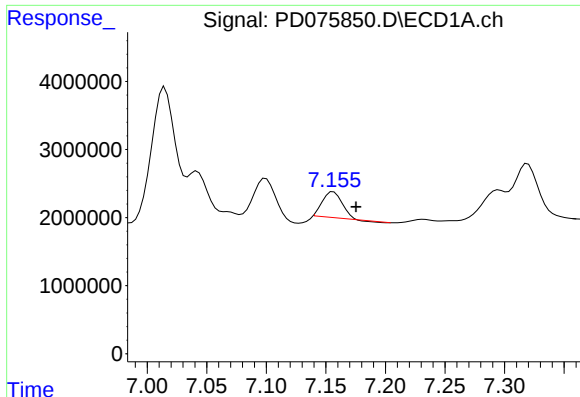
#18 Endrin aldehyde

R.T.: 6.965 min
Delta R.T.: 0.025 min
Response: 1867050
Conc: 0.93 ng/ml



#18 Endrin aldehyde

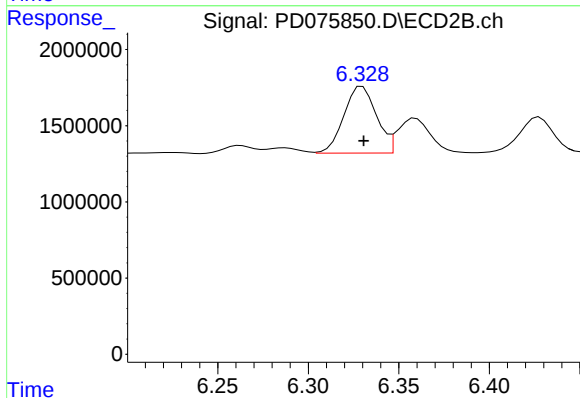
R.T.: 6.128 min
Delta R.T.: 0.021 min
Response: 3432895
Conc: 3.97 ng/ml



#19 Endosulfan Sulfate

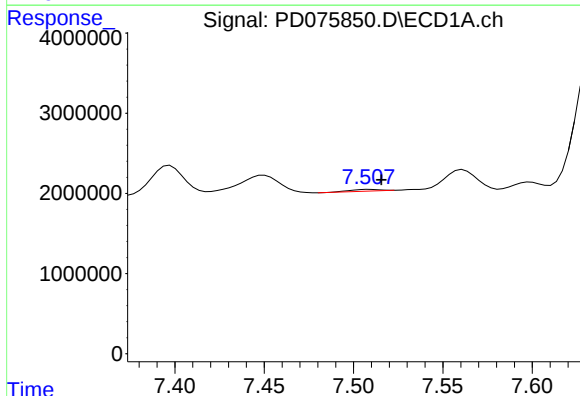
R.T.: 7.156 min
Delta R.T.: -0.019 min
Response: 4279274
Conc: 1.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



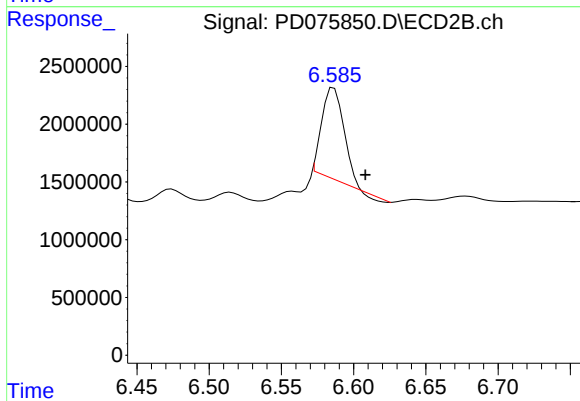
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 5468813
Conc: 5.06 ng/ml



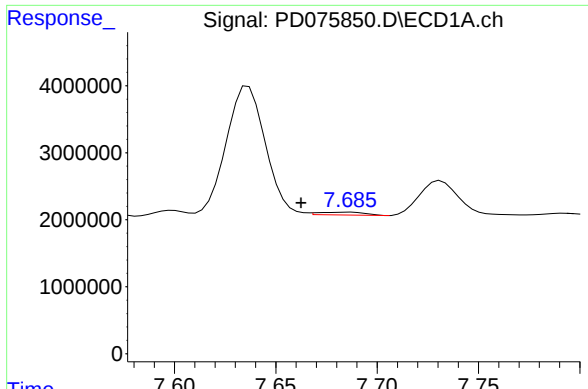
#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: -0.007 min
Response: 240511
Conc: 0.19 ng/ml



#20 Methoxychlor

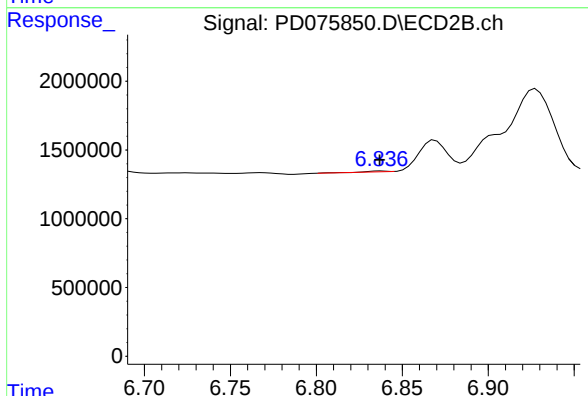
R.T.: 6.586 min
Delta R.T.: -0.022 min
Response: 8234542
Conc: 17.79 ng/ml



#21 Endrin ketone

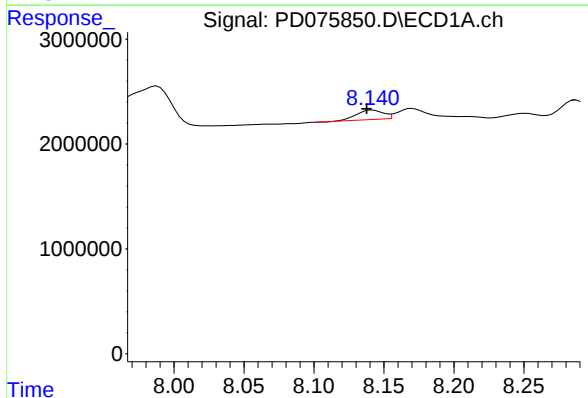
R.T.: 7.686 min
Delta R.T.: 0.024 min
Response: 663517
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



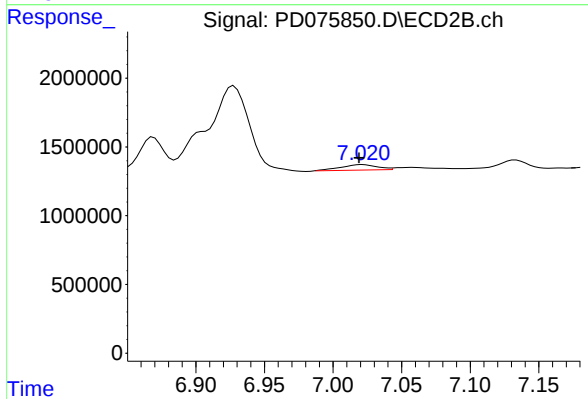
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 49002
Conc: 0.04 ng/ml



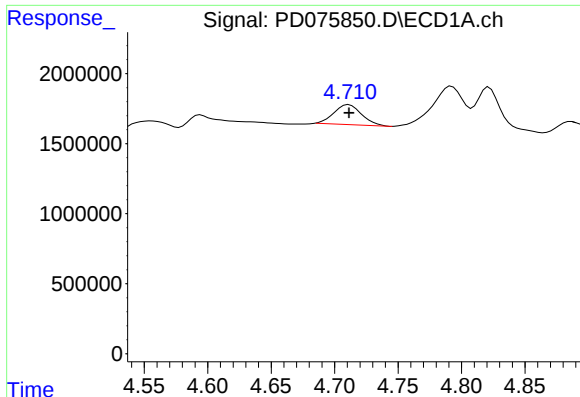
#22 Mirex

R.T.: 8.142 min
Delta R.T.: 0.004 min
Response: 1182959
Conc: 0.55 ng/ml



#22 Mirex

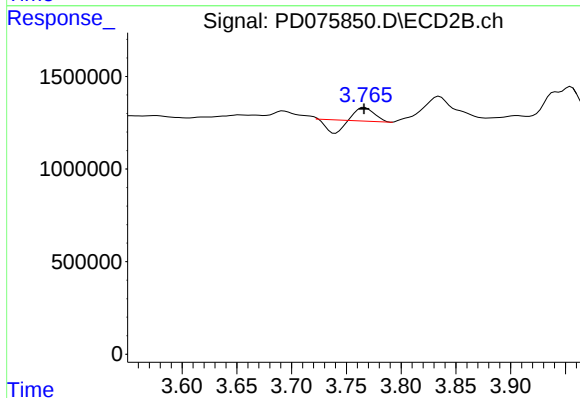
R.T.: 7.021 min
Delta R.T.: 0.002 min
Response: 742574
Conc: 0.71 ng/ml



#23 Chlordane-1

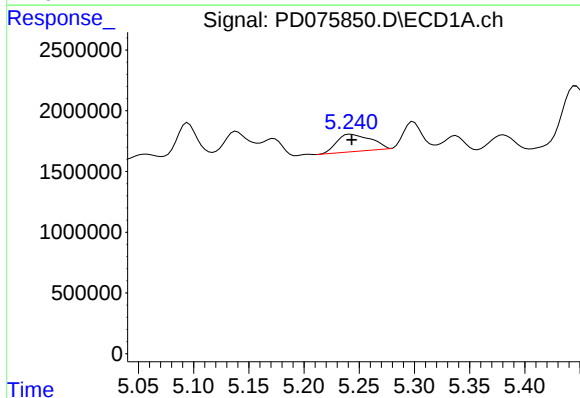
R.T.: 4.711 min
Delta R.T.: 0.000 min
Response: 2117118
Conc: 18.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



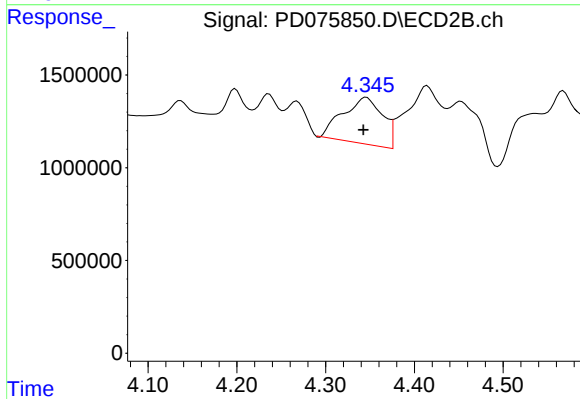
#23 Chlordane-1

R.T.: 3.767 min
Delta R.T.: 0.000 min
Response: 284462
Conc: 6.21 ng/ml



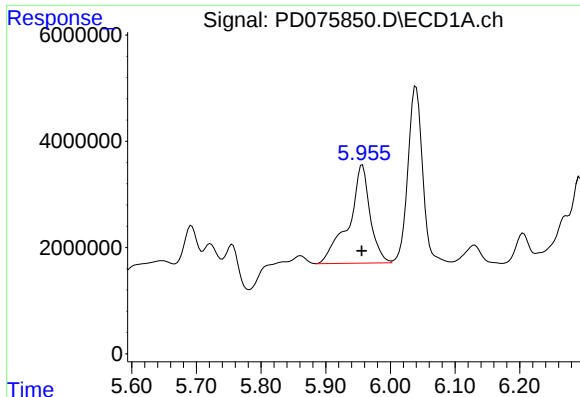
#24 Chlordane-2

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 3069654
Conc: 23.32 ng/ml



#24 Chlordane-2

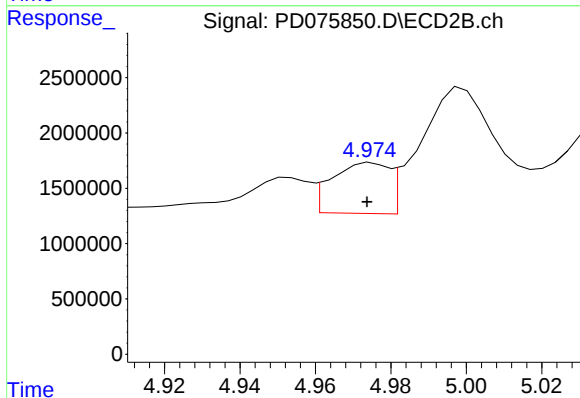
R.T.: 4.346 min
Delta R.T.: 0.003 min
Response: 7791423
Conc: 146.96 ng/ml



#25 Chlordane-3

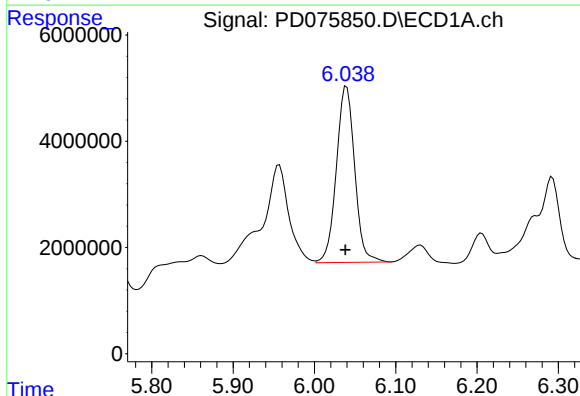
R.T.: 5.957 min
Delta R.T.: 0.001 min
Response: 42290122
Conc: 81.44 ng/ml

Instrument :
ECD_D
ClientSampleId :



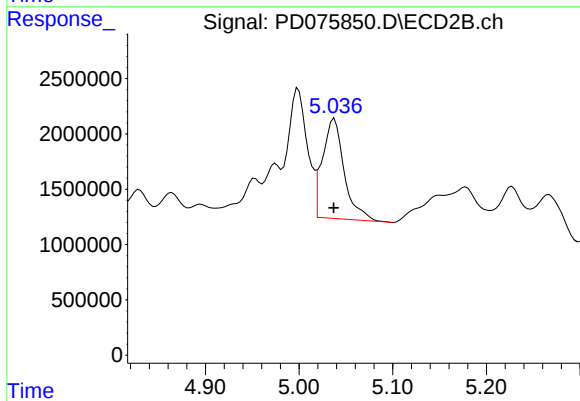
#25 Chlordane-3

R.T.: 4.975 min
Delta R.T.: 0.001 min
Response: 4821360
Conc: 32.48 ng/ml



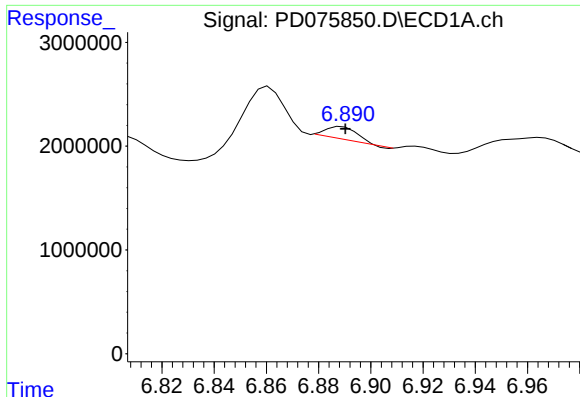
#26 Chlordane-4

R.T.: 6.040 min
Delta R.T.: 0.002 min
Response: 51881686
Conc: 82.32 ng/ml



#26 Chlordane-4

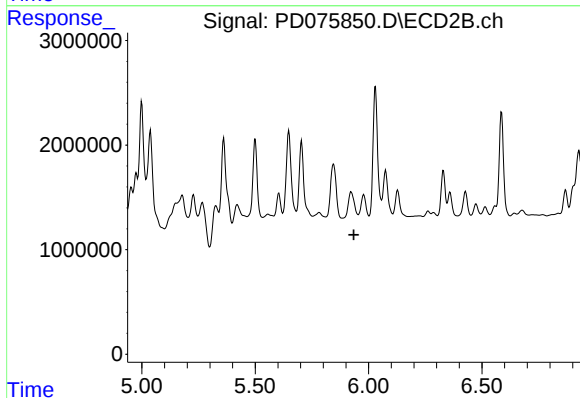
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 14663980
Conc: 99.92 ng/ml



#27 Chlordane-5

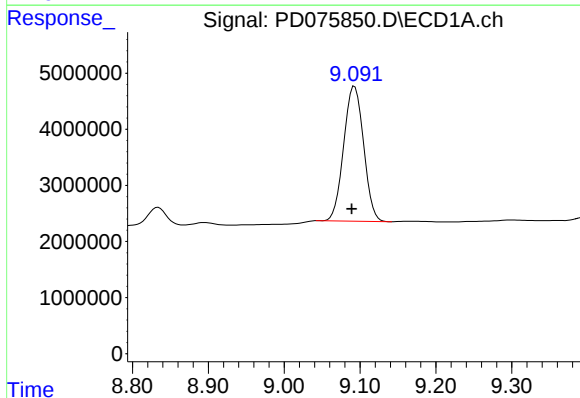
R.T.: 6.889 min
Delta R.T.: -0.001 min
Response: 1015602
Conc: 10.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



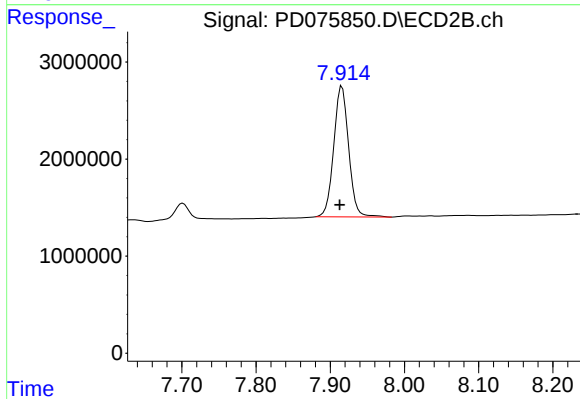
#27 Chlordane-5

R.T.: 5.923 min
Delta R.T.: -0.012 min
Response: -868726
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 9.093 min
Delta R.T.: 0.004 min
Response: 43936220
Conc: 17.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.916 min
Delta R.T.: 0.003 min
Response: 18871823
Conc: 19.30 ng/ml