

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100223\
 Data File : PD078516.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2023 11:42
 Operator : AR\AJ
 Sample : 04637-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

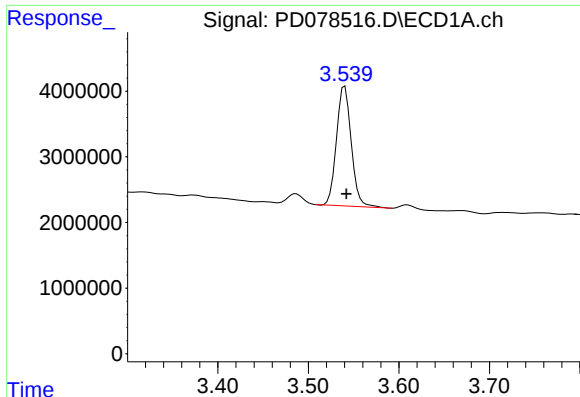
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 13:17:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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...	3.540	2.758	20690067	16717897	8.149	10.570 #
28)	SA Decachlor...	9.081	7.895	21832765	15340541	7.167	8.890
Target Compounds							
2)	A alpha-BHC	4.030f	0.000	2874775	0	0.699	N.D. #
3)	MA gamma-BHC...	4.330	3.586	1879196	699736	0.475	0.313 #
4)	MA Heptachlor	0.000	3.947f	0	847702	N.D.	0.377 #
5)	MB Aldrin	5.292f	4.219	1080371	1195127	0.269	0.525 #
6)	B beta-BHC	4.550f	3.897	-533469	1911677	N.D.	2.145
7)	B delta-BHC	4.768	4.126	1428554	521205	0.388	0.240 #
8)	B Heptachlo...	5.685	4.710	3435098	270103	0.961	0.133 #
9)	A Endosulfan I	0.000	5.113f	0	7001975	N.D.	3.738 #
10)	B gamma-Chl...	5.950	4.984f	748314	19618850	0.213	9.760 #
11)	B alpha-Chl...	6.032	5.021	17518108	17992200	4.923	8.930 #
12)	B 4,4'-DDE	6.199	5.212	5345955	4182246	1.660	2.291 #
13)	MA Dieldrin	6.352	5.346	2063556	12481385	0.580	6.113 #
14)	MA Endrin	6.583	5.627	4857756	564636	1.602	0.312 #
15)	B Endosulfa...	6.789f	5.904	1719365	1446973	0.555	0.846 #
16)	A 4,4'-DDD	6.727	5.759	6286881	1659192	2.454	1.187 #
17)	MA 4,4'-DDT	7.034	6.016	20504584	19519074	7.840	13.815 #
18)	B Endrin al...	6.961f	6.111	822358	2259861	0.346	1.674 #
19)	B Endosulfa...	7.149f	6.311	591993	1661696	0.209	1.038 #
21)	B Endrin ke...	7.674f	0.000	1360900	0	0.419	N.D. #
22)	Mirex	8.132	0.000	611034	0	0.254	N.D. #
23)	Chlordane-1	4.704	3.757	722799	67958	6.184	1.193 #
24)	Chlordane-2	5.232	4.333	1187734	348187	9.306	5.467 #
25)	Chlordane-3	5.950	4.984f	748314	19618850	1.490	99.993 #
26)	Chlordane-4	6.032	5.021	17518108	17992200	28.438	95.085 #
27)	Chlordane-5	6.911f	5.904f	206649	1446973	2.042	22.490 #

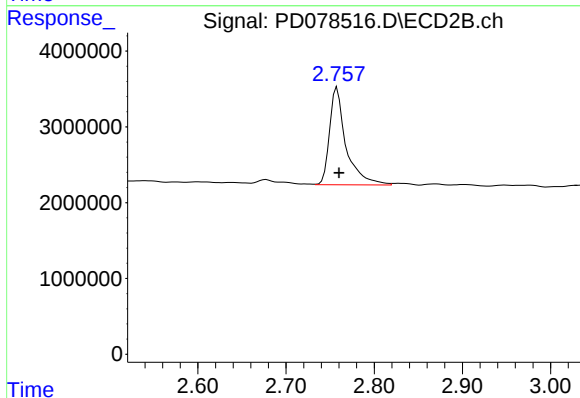
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

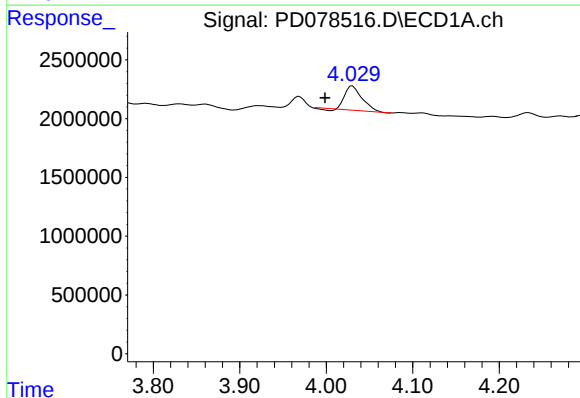
R.T.: 3.540 min
Delta R.T.: -0.002 min
Response: 20690067
Conc: 8.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



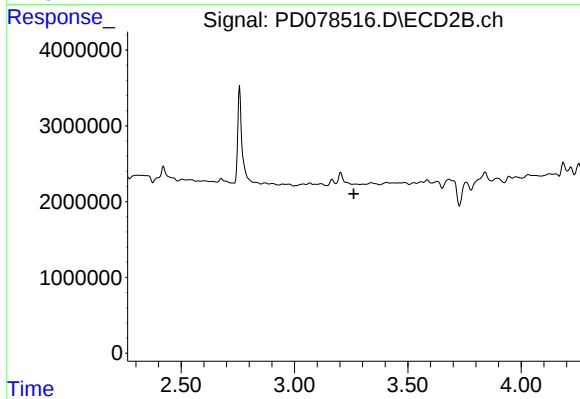
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: -0.002 min
Response: 16717897
Conc: 10.57 ng/ml



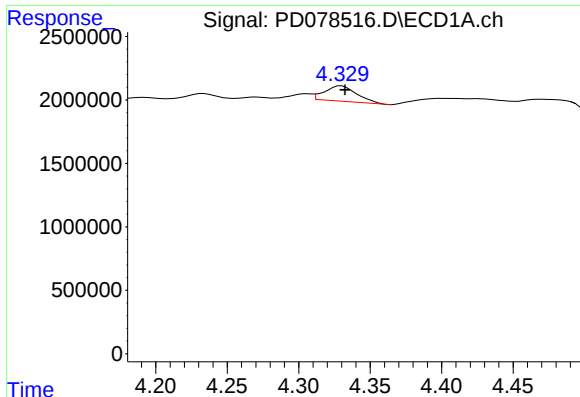
#2 alpha-BHC

R.T.: 4.030 min
Delta R.T.: 0.031 min
Response: 2874775
Conc: 0.70 ng/ml



#2 alpha-BHC

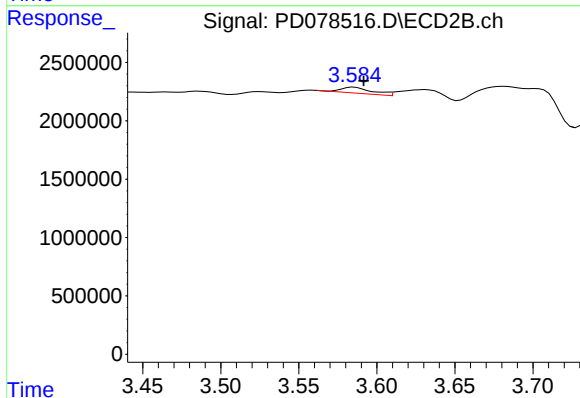
R.T.: 0.000 min
Exp R.T. : 3.262 min
Response: 0
Conc: N.D.



#3 gamma-BHC (Lindane)

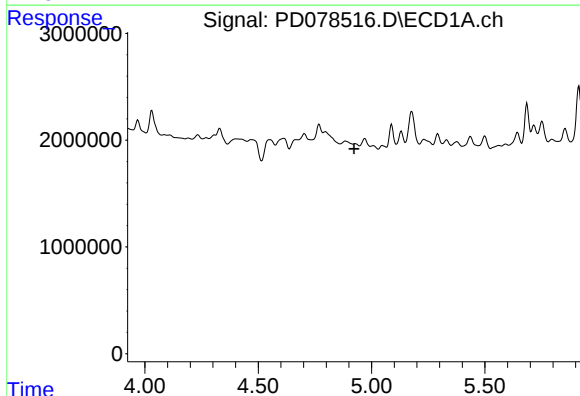
R.T.: 4.330 min
Delta R.T.: -0.003 min
Response: 1879196
Conc: 0.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



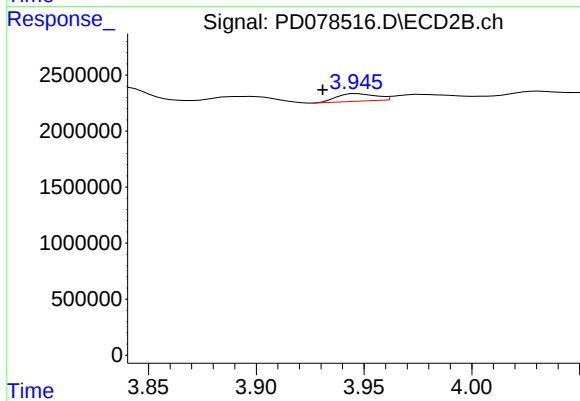
#3 gamma-BHC (Lindane)

R.T.: 3.586 min
Delta R.T.: -0.006 min
Response: 699736
Conc: 0.31 ng/ml



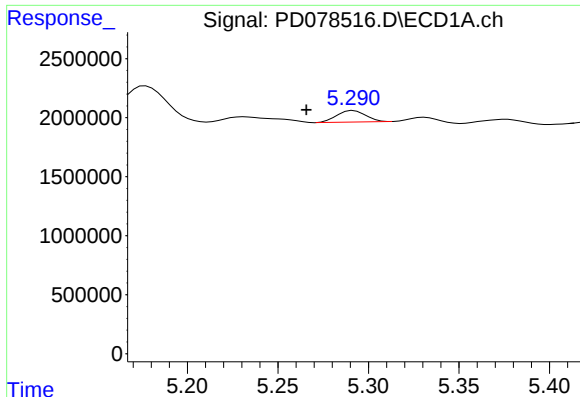
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.923 min
Response: 0
Conc: N.D.



#4 Heptachlor

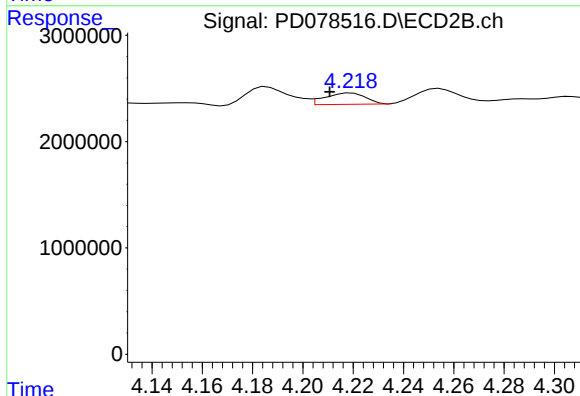
R.T.: 3.947 min
Delta R.T.: 0.016 min
Response: 847702
Conc: 0.38 ng/ml



#5 Aldrin

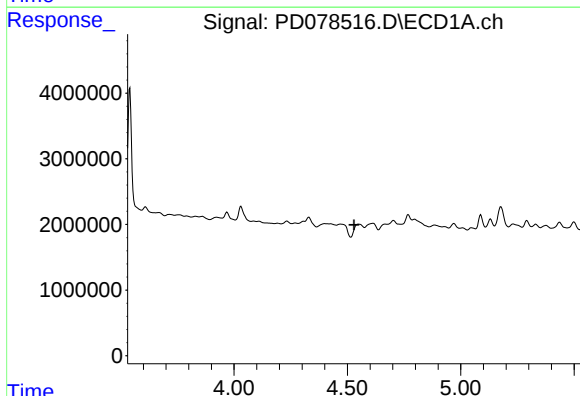
R.T.: 5.292 min
Delta R.T.: 0.026 min
Response: 1080371
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



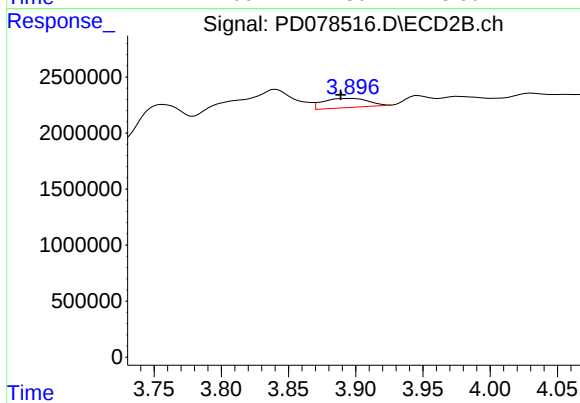
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: 0.009 min
Response: 1195127
Conc: 0.52 ng/ml



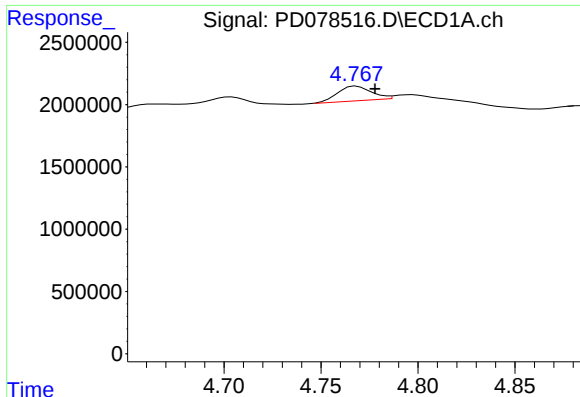
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.021 min
Response: -533469
Conc: N.D.



#6 beta-BHC

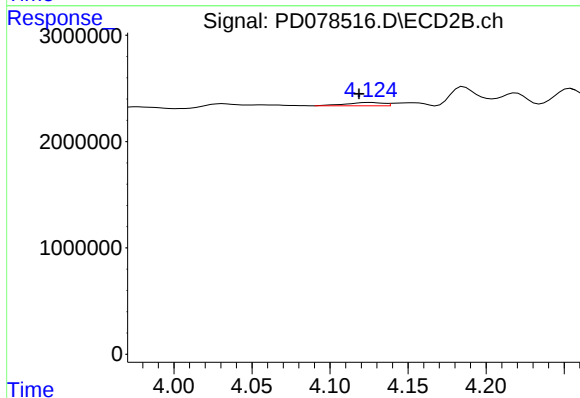
R.T.: 3.897 min
Delta R.T.: 0.008 min
Response: 1911677
Conc: 2.14 ng/ml



#7 delta-BHC

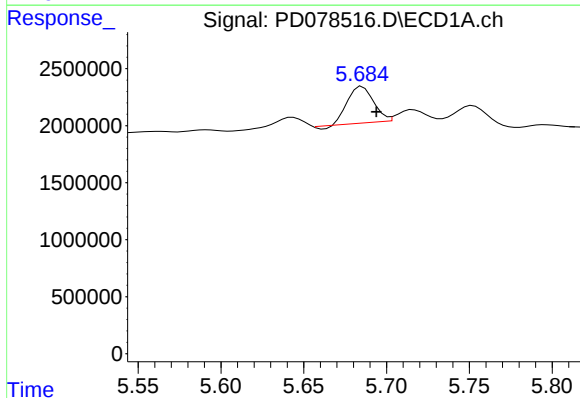
R.T.: 4.768 min
Delta R.T.: -0.010 min
Response: 1428554
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



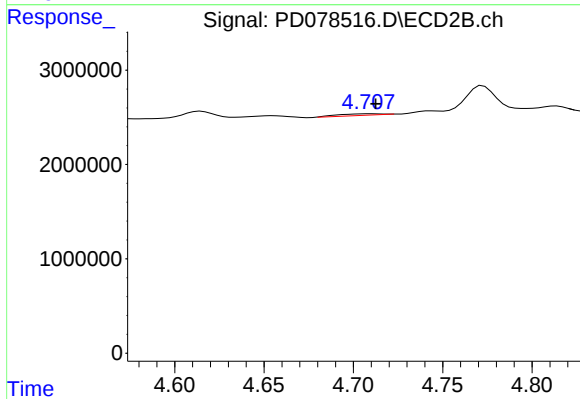
#7 delta-BHC

R.T.: 4.126 min
Delta R.T.: 0.007 min
Response: 521205
Conc: 0.24 ng/ml



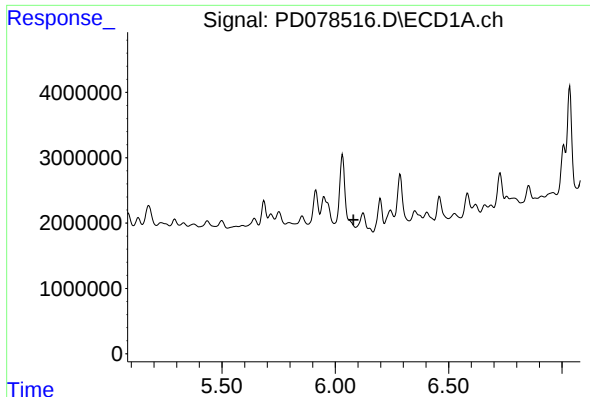
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.009 min
Response: 3435098
Conc: 0.96 ng/ml



#8 Heptachlor epoxide

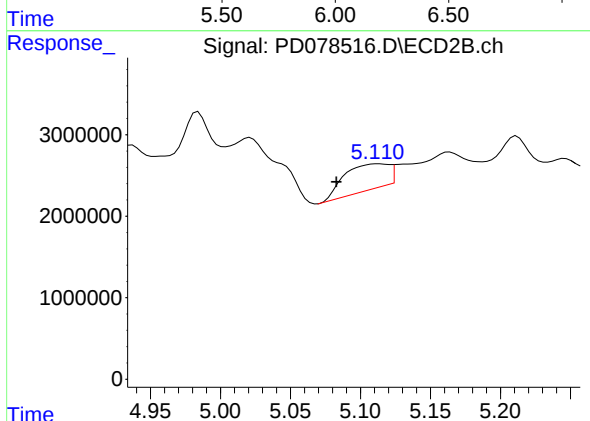
R.T.: 4.710 min
Delta R.T.: -0.003 min
Response: 270103
Conc: 0.13 ng/ml



#9 Endosulfan I

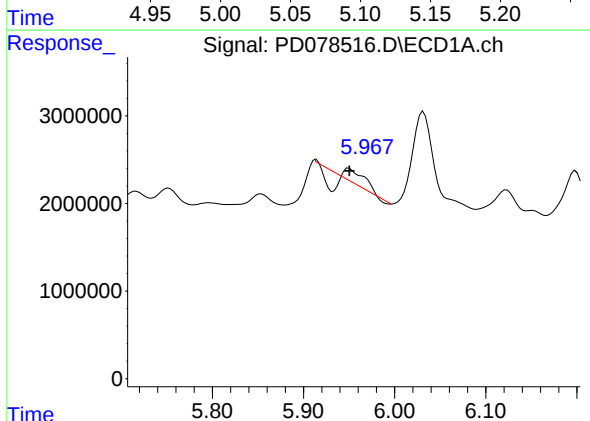
R.T.: 0.000 min
Exp R.T.: 6.080 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



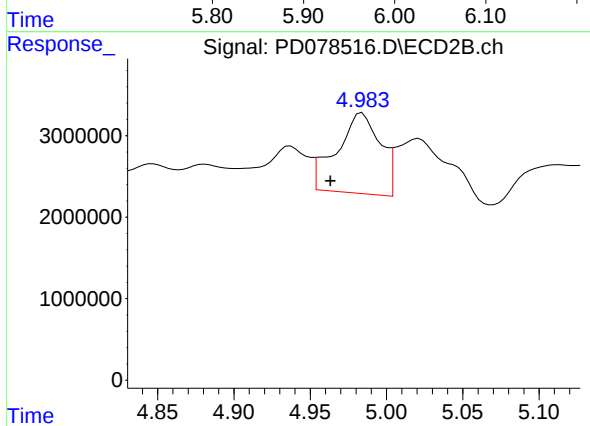
#9 Endosulfan I

R.T.: 5.113 min
Delta R.T.: 0.030 min
Response: 7001975
Conc: 3.74 ng/ml



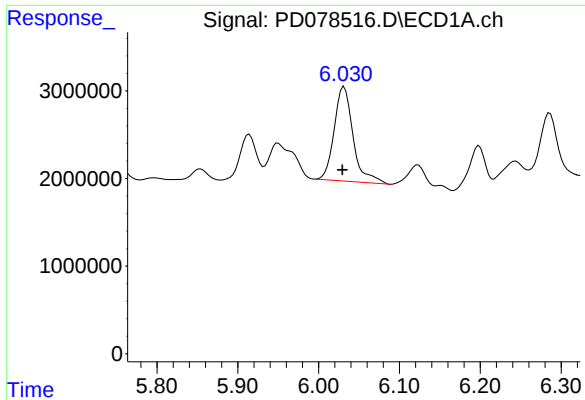
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 748314
Conc: 0.21 ng/ml



#10 gamma-Chlordane

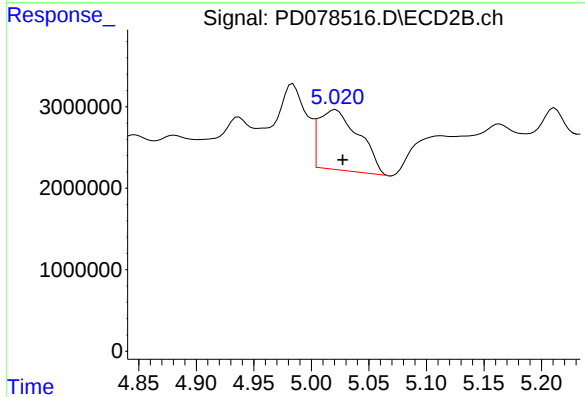
R.T.: 4.984 min
Delta R.T.: 0.021 min
Response: 19618850
Conc: 9.76 ng/ml



#11 alpha-Chlordane

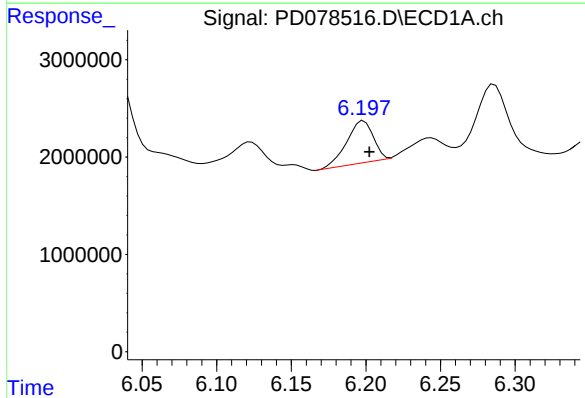
R.T.: 6.032 min
Delta R.T.: 0.002 min
Response: 17518108
Conc: 4.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



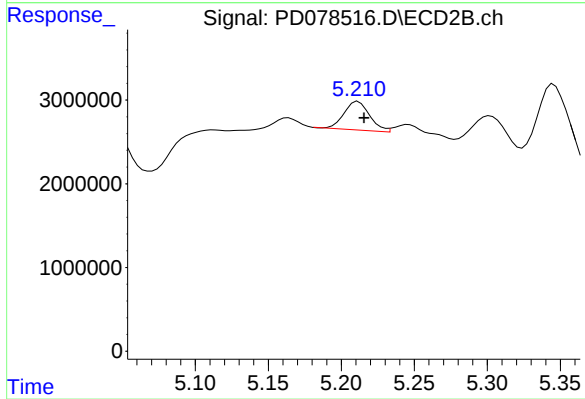
#11 alpha-Chlordane

R.T.: 5.021 min
Delta R.T.: -0.006 min
Response: 17992200
Conc: 8.93 ng/ml



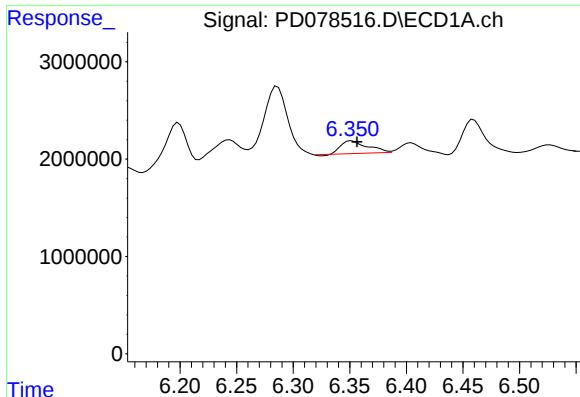
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: -0.004 min
Response: 5345955
Conc: 1.66 ng/ml



#12 4,4'-DDE

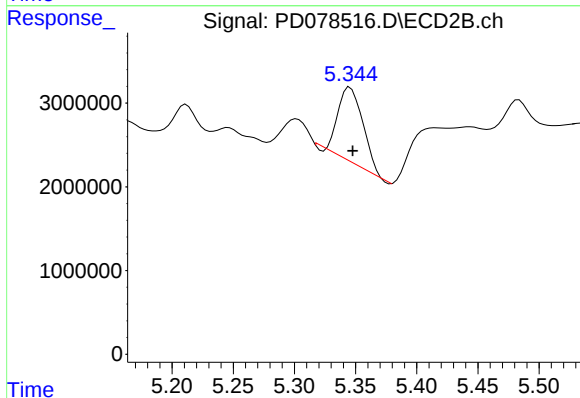
R.T.: 5.212 min
Delta R.T.: -0.004 min
Response: 4182246
Conc: 2.29 ng/ml



#13 Dieldrin

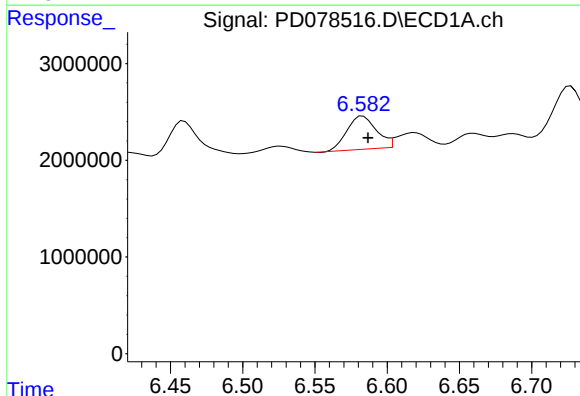
R.T.: 6.352 min
Delta R.T.: -0.005 min
Response: 2063556
Conc: 0.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



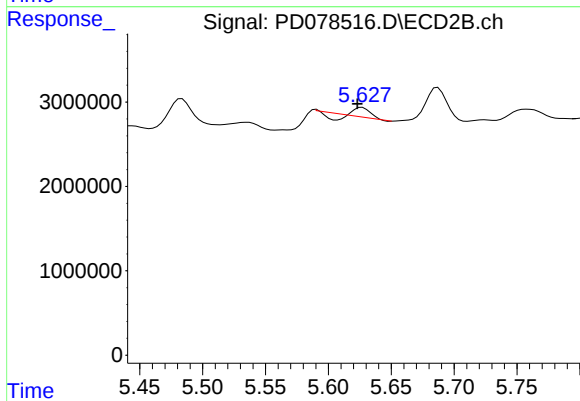
#13 Dieldrin

R.T.: 5.346 min
Delta R.T.: -0.002 min
Response: 12481385
Conc: 6.11 ng/ml



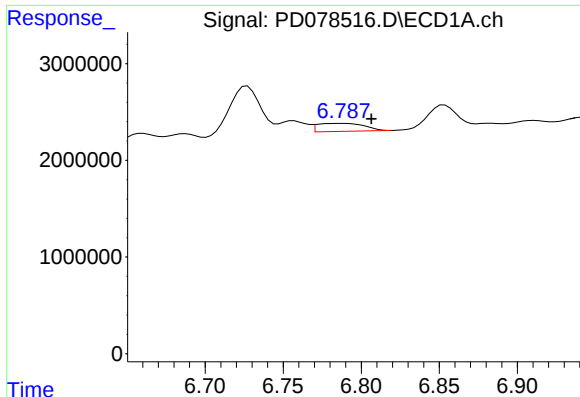
#14 Endrin

R.T.: 6.583 min
Delta R.T.: -0.004 min
Response: 4857756
Conc: 1.60 ng/ml



#14 Endrin

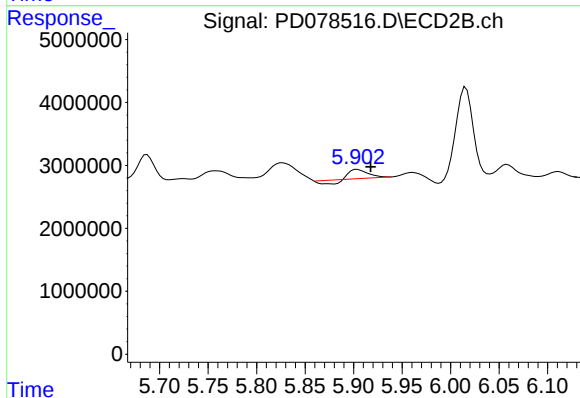
R.T.: 5.627 min
Delta R.T.: 0.004 min
Response: 564636
Conc: 0.31 ng/ml



#15 Endosulfan II

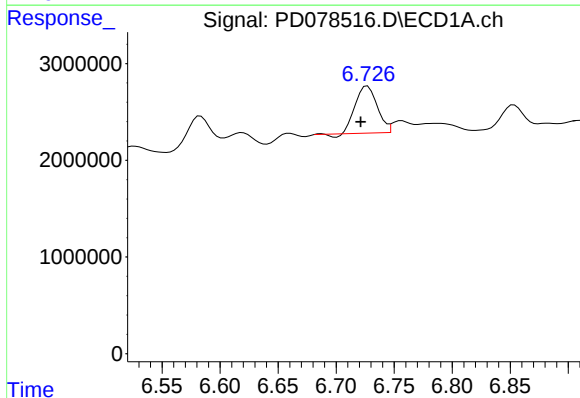
R.T.: 6.789 min
Delta R.T.: -0.018 min
Response: 1719365
Conc: 0.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



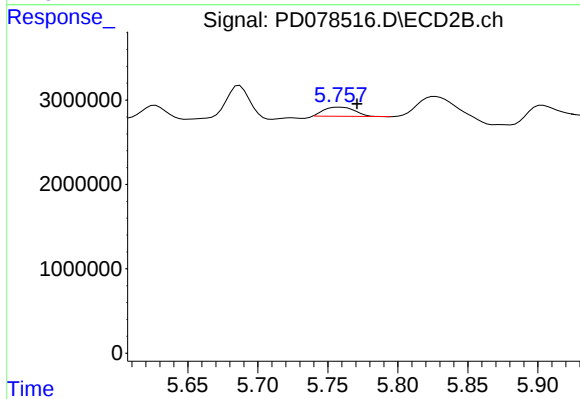
#15 Endosulfan II

R.T.: 5.904 min
Delta R.T.: -0.014 min
Response: 1446973
Conc: 0.85 ng/ml



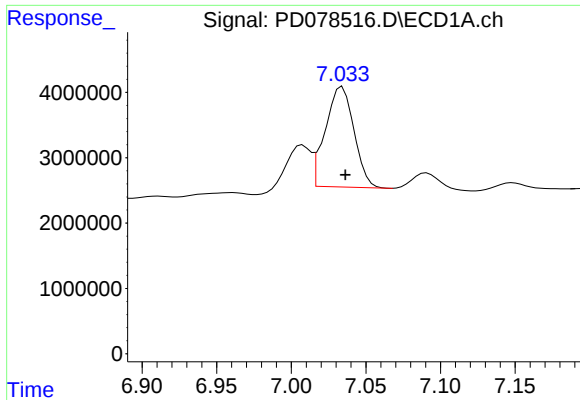
#16 4,4'-DDD

R.T.: 6.727 min
Delta R.T.: 0.006 min
Response: 6286881
Conc: 2.45 ng/ml



#16 4,4'-DDD

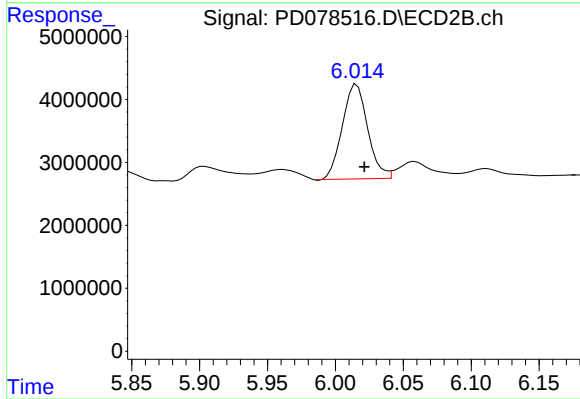
R.T.: 5.759 min
Delta R.T.: -0.012 min
Response: 1659192
Conc: 1.19 ng/ml



#17 4,4'-DDT

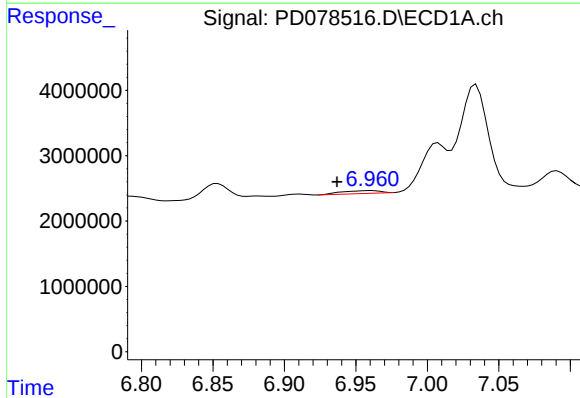
R.T.: 7.034 min
Delta R.T.: -0.002 min
Response: 20504584
Conc: 7.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



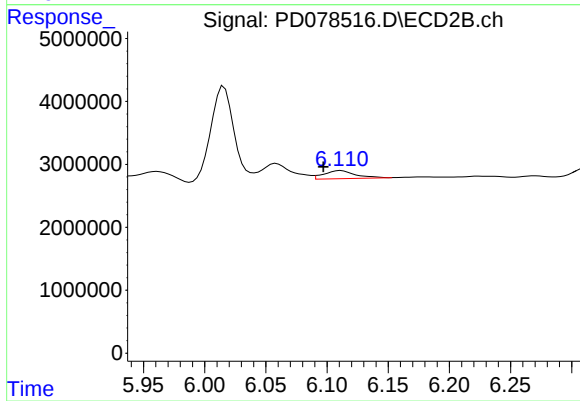
#17 4,4'-DDT

R.T.: 6.016 min
Delta R.T.: -0.006 min
Response: 19519074
Conc: 13.82 ng/ml



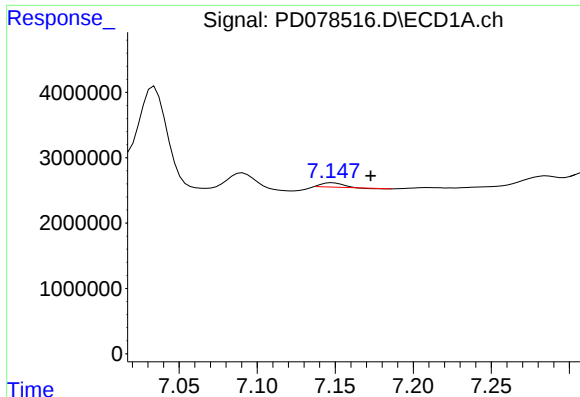
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.024 min
Response: 822358
Conc: 0.35 ng/ml



#18 Endrin aldehyde

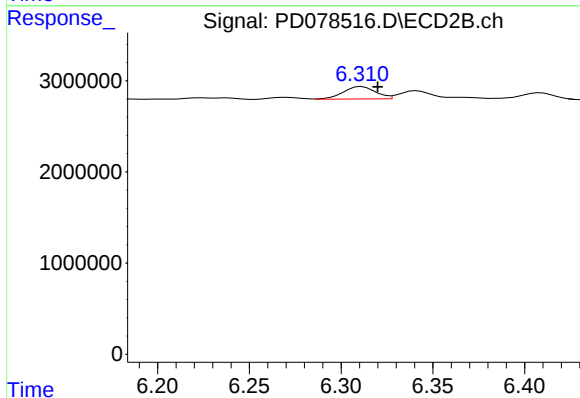
R.T.: 6.111 min
Delta R.T.: 0.014 min
Response: 2259861
Conc: 1.67 ng/ml



#19 Endosulfan Sulfate

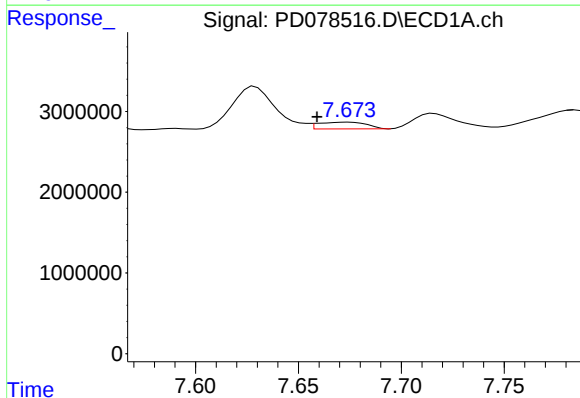
R.T.: 7.149 min
Delta R.T.: -0.024 min
Response: 591993
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



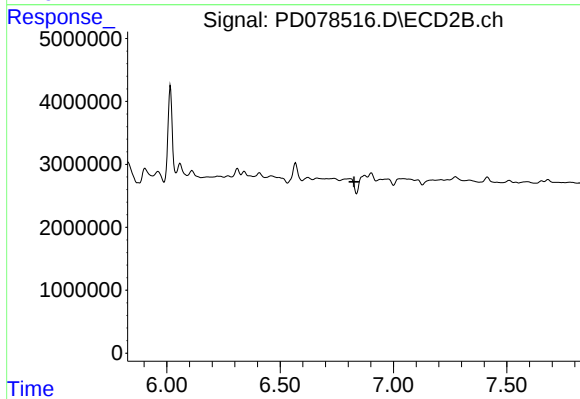
#19 Endosulfan Sulfate

R.T.: 6.311 min
Delta R.T.: -0.009 min
Response: 1661696
Conc: 1.04 ng/ml



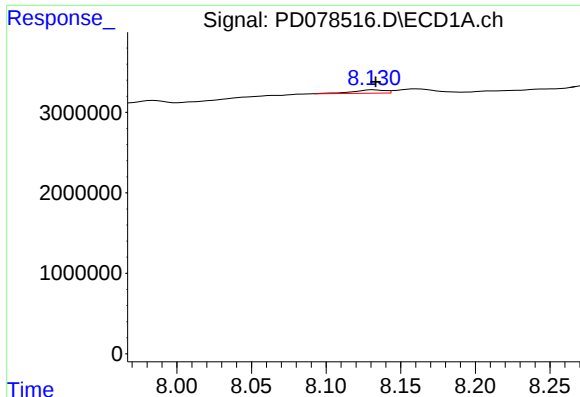
#21 Endrin ketone

R.T.: 7.674 min
Delta R.T.: 0.015 min
Response: 1360900
Conc: 0.42 ng/ml



#21 Endrin ketone

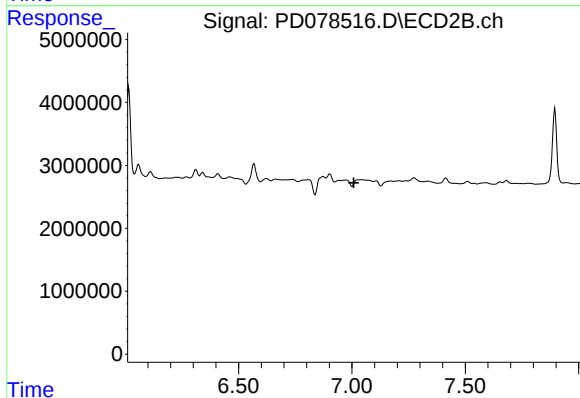
R.T.: 0.000 min
Exp R.T. : 6.827 min
Response: 0
Conc: N.D.



#22 Mirex

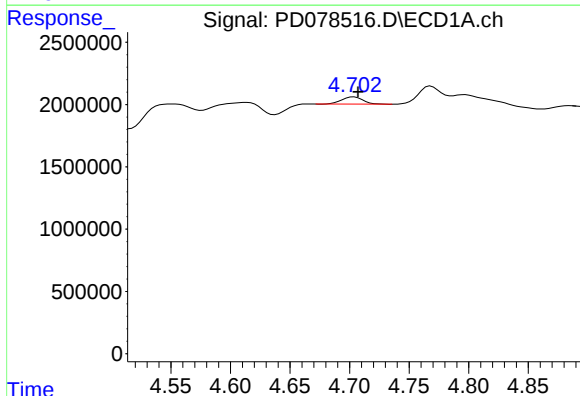
R.T.: 8.132 min
Delta R.T.: -0.001 min
Response: 611034
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



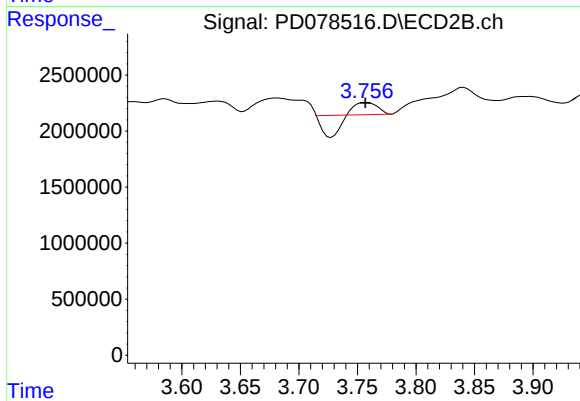
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.008 min
Response: 0
Conc: N.D.



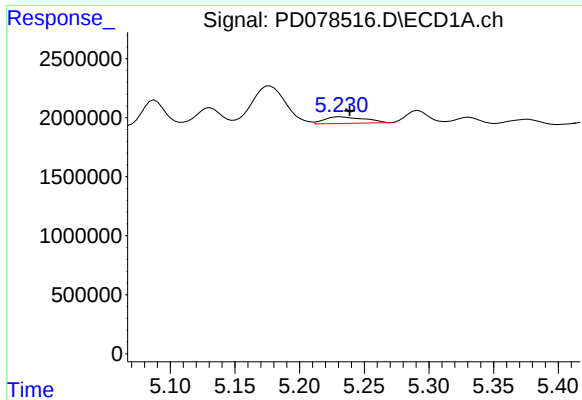
#23 Chlordane-1

R.T.: 4.704 min
Delta R.T.: -0.004 min
Response: 722799
Conc: 6.18 ng/ml



#23 Chlordane-1

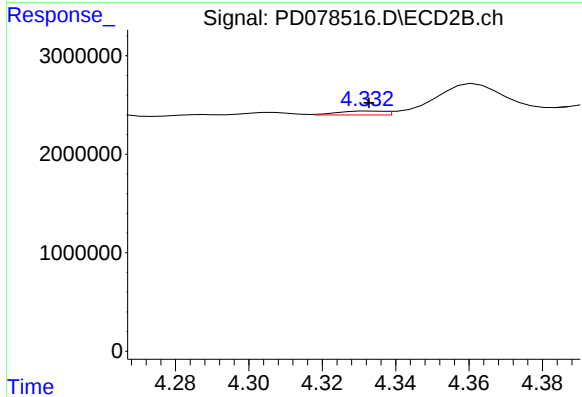
R.T.: 3.757 min
Delta R.T.: 0.000 min
Response: 67958
Conc: 1.19 ng/ml



#24 Chlordane-2

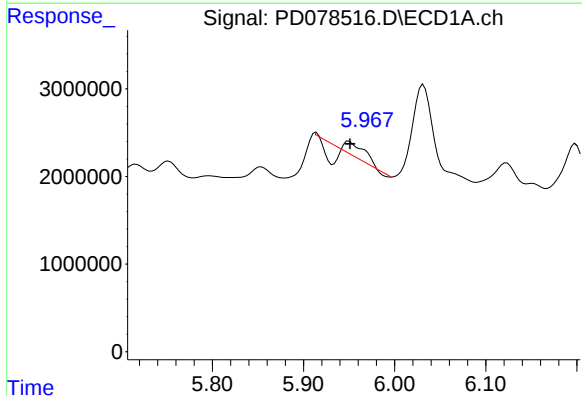
R.T.: 5.232 min
Delta R.T.: -0.007 min
Response: 1187734
Conc: 9.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



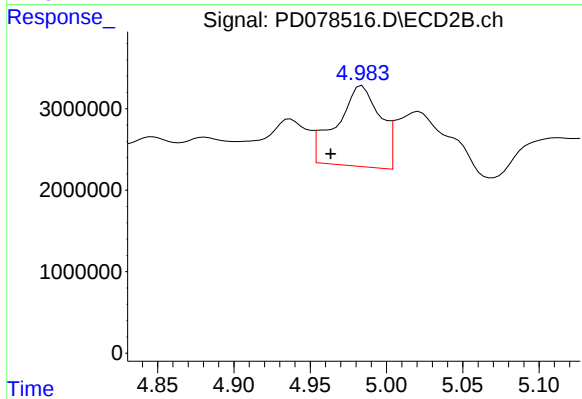
#24 Chlordane-2

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 348187
Conc: 5.47 ng/ml



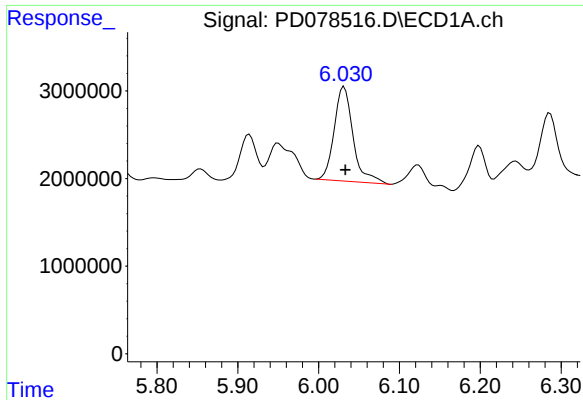
#25 Chlordane-3

R.T.: 5.950 min
Delta R.T.: -0.001 min
Response: 748314
Conc: 1.49 ng/ml



#25 Chlordane-3

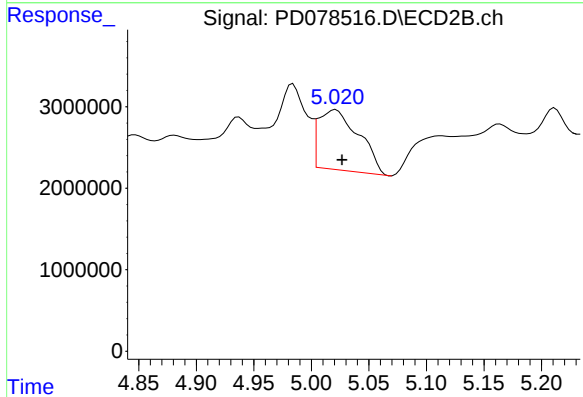
R.T.: 4.984 min
Delta R.T.: 0.021 min
Response: 19618850
Conc: 99.99 ng/ml



#26 Chlordane-4

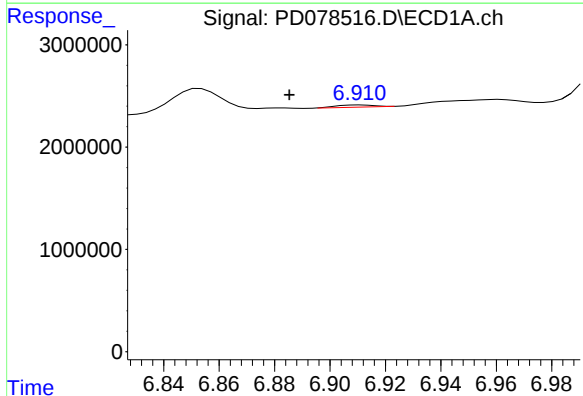
R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 17518108
Conc: 28.44 ng/ml

Instrument :
ECD_D
ClientSampleId :



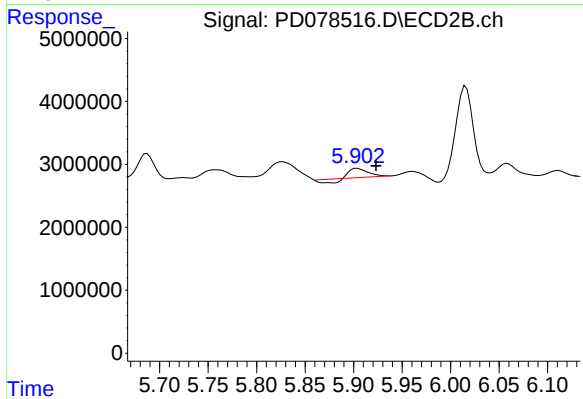
#26 Chlordane-4

R.T.: 5.021 min
Delta R.T.: -0.005 min
Response: 17992200
Conc: 95.08 ng/ml



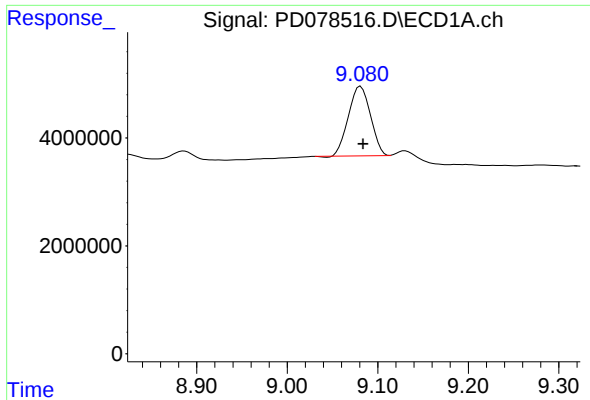
#27 Chlordane-5

R.T.: 6.911 min
Delta R.T.: 0.026 min
Response: 206649
Conc: 2.04 ng/ml



#27 Chlordane-5

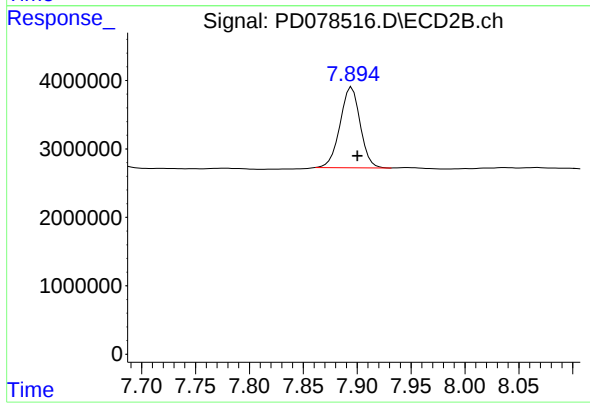
R.T.: 5.904 min
Delta R.T.: -0.020 min
Response: 1446973
Conc: 22.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: -0.003 min
Response: 21832765
Conc: 7.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.895 min
Delta R.T.: -0.005 min
Response: 15340541
Conc: 8.89 ng/ml