

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031919\
 Data File : PD051881.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Mar 2019 9:42
 Operator : AJ\SJ
 Sample : K1948-05RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 11:03:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 23:43:17 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.223	4.043	16448593	360.9E6	12.405	12.585
2)	SA Decachlor...	7.821	9.154	10363743	157.3E6	9.118	8.610
Target Compounds							
2)	A alpha-BHC	0.000	4.416f	0	21870260	N.D.	0.501 #
3)	MA gamma-BHC...	3.923	4.711	1762764	8133830	0.844	0.205 #
4)	MA Heptachlor	0.000	5.258f	0	3219762	N.D.	0.084 #
5)	MB Aldrin	0.000	5.569f	0	1415986	N.D.	0.040 #
7)	B delta-BHC	0.000	5.114	0	24424458	N.D.	0.711 #
8)	B Heptachlo...	0.000	5.917	0	1113780	N.D.	0.035 #
10)	B gamma-Chl...	5.086f	6.164	7309112	70059524	3.607	2.191 #
11)	B alpha-Chl...	5.117	6.240	1895001	145.0E6	0.943	4.574 #
12)	B 4,4'-DDE	5.290	6.394	2081460	49709842	1.111	1.607 #
14)	MA Endrin	0.000	6.762	0	366487	N.D.	0.014 #
15)	B Endosulfa...	5.924	0.000	1528166	0	0.848	N.D. #
16)	A 4,4'-DDD	0.000	6.899	0	6249809	N.D.	0.254 #
17)	MA 4,4'-DDT	0.000	7.185	0	9392053	N.D.	0.464 #
21)	B Endrin ke...	0.000	7.791	0	300079	N.D.	0.013 #
22)	Mirex	0.000	8.256	0	269527	N.D.	0.017 #
23)	Chlordane-1	4.045	5.045	1495388	45054254	23.379	29.424 #
24)	Chlordane-2	4.529	5.511	972886	4329038	12.430	3.053 #
25)	Chlordane-3	5.086f	6.164	7309112	70059524	31.405	15.733 #
26)	Chlordane-4	5.117	6.240	1895001	145.0E6	8.475	27.680 #
27)	Chlordane-5	5.924	7.048	1528166	14852508	21.276	14.662 #

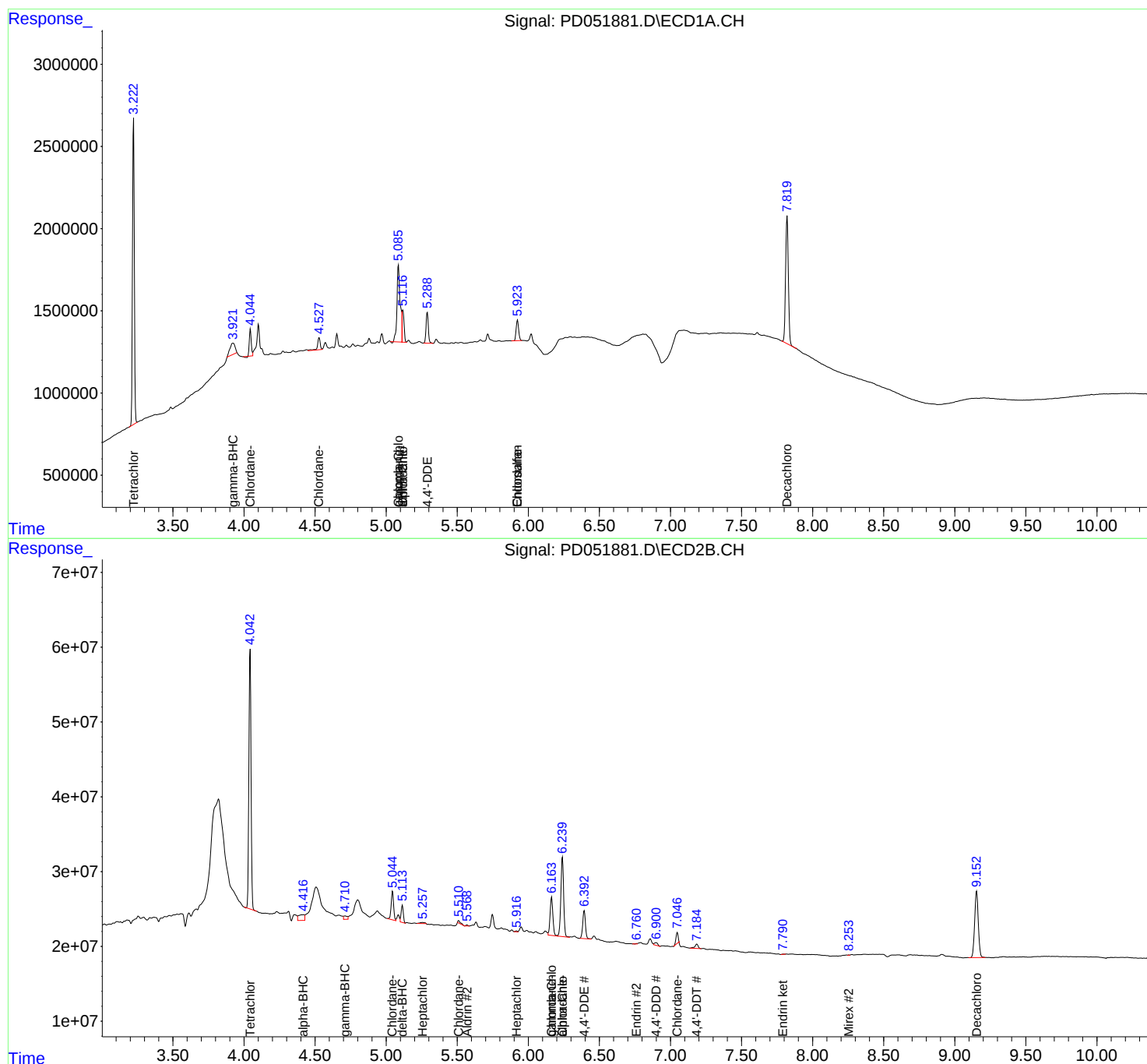
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

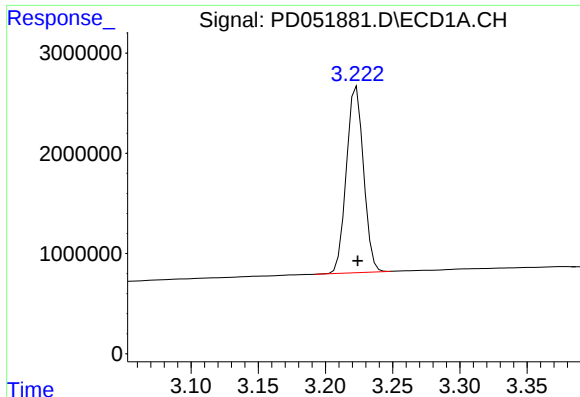
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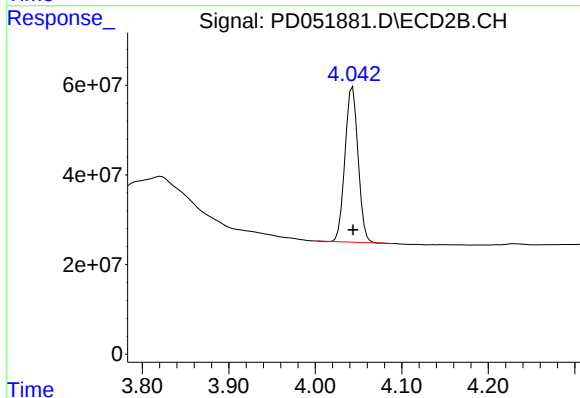




#1 Tetrachloro-m-xylene

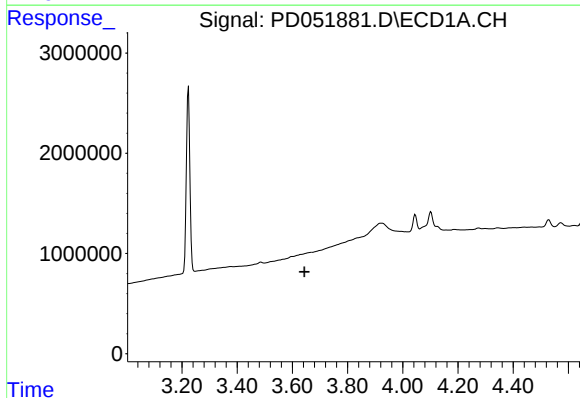
R.T.: 3.223 min
Delta R.T.: 0.000 min
Response: 16448593
Conc: 12.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



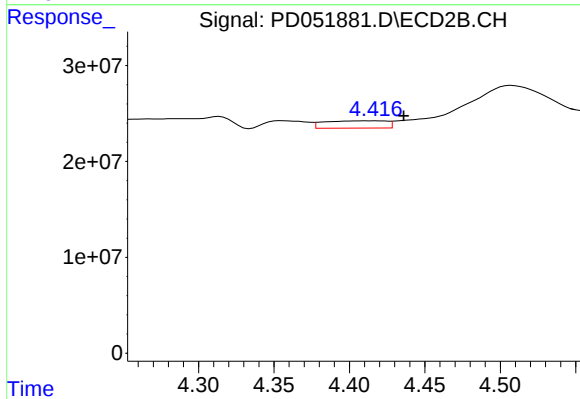
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 360891352
Conc: 12.58 ng/ml



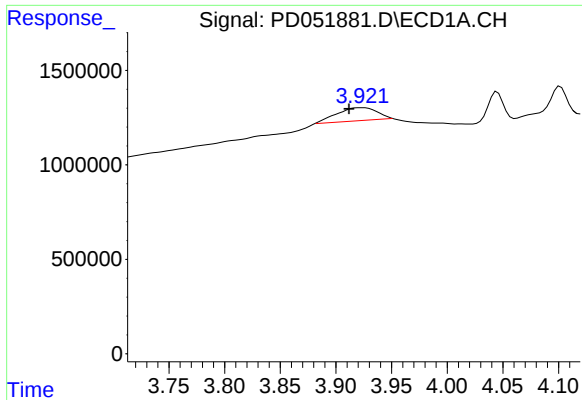
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.644 min
Response: 0
Conc: N.D.



#2 alpha-BHC

R.T.: 4.416 min
Delta R.T.: -0.020 min
Response: 21870260
Conc: 0.50 ng/ml



#3 gamma-BHC (Lindane)

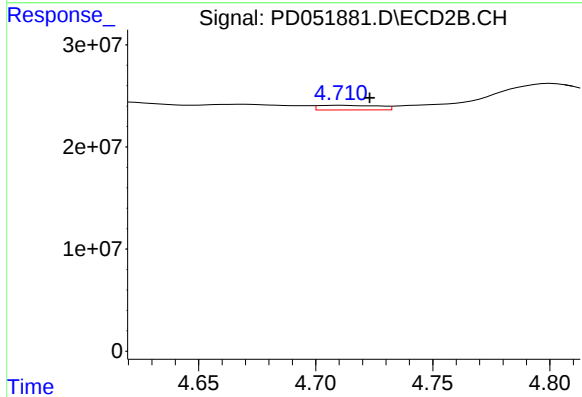
R.T.: 3.923 min

Delta R.T.: 0.011 min

Response: 1762764

Conc: 0.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



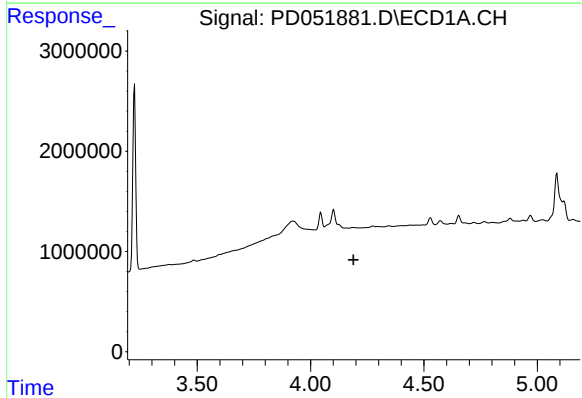
#3 gamma-BHC (Lindane)

R.T.: 4.711 min

Delta R.T.: -0.012 min

Response: 8133830

Conc: 0.21 ng/ml



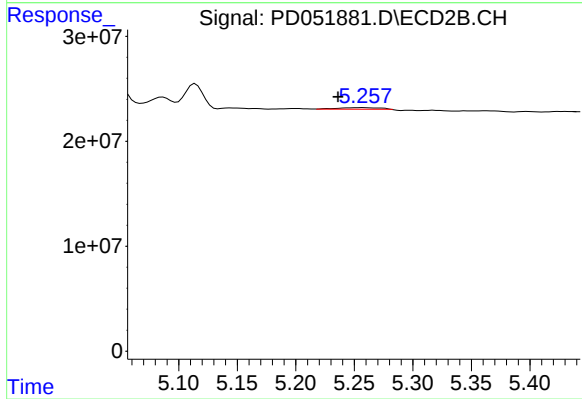
#4 Heptachlor

R.T.: 0.000 min

Exp R.T. : 4.190 min

Response: 0

Conc: N.D.



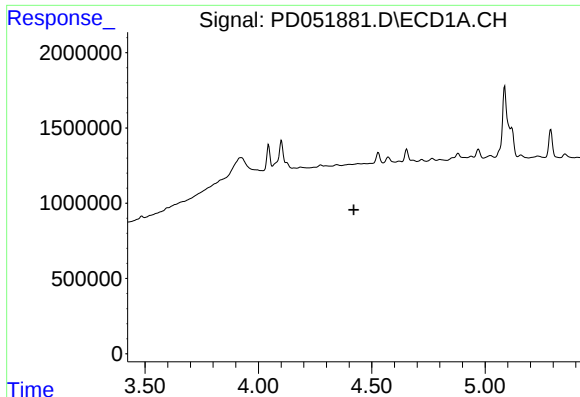
#4 Heptachlor

R.T.: 5.258 min

Delta R.T.: 0.022 min

Response: 3219762

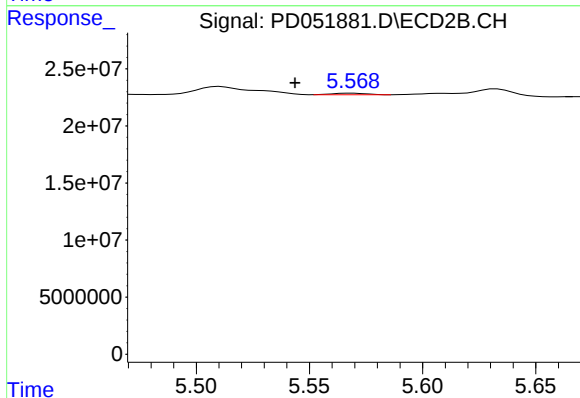
Conc: 0.08 ng/ml



#5 Aldrin

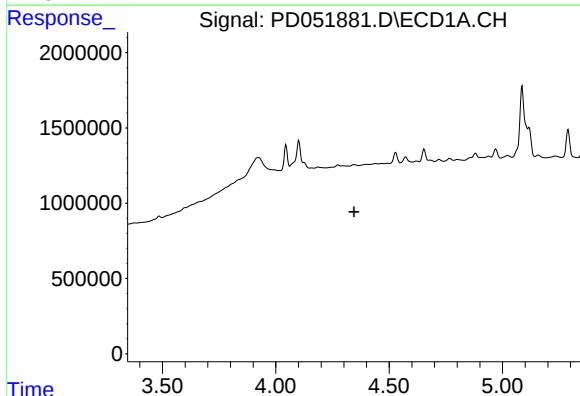
R.T.: 0.000 min
Exp R.T.: 4.422 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



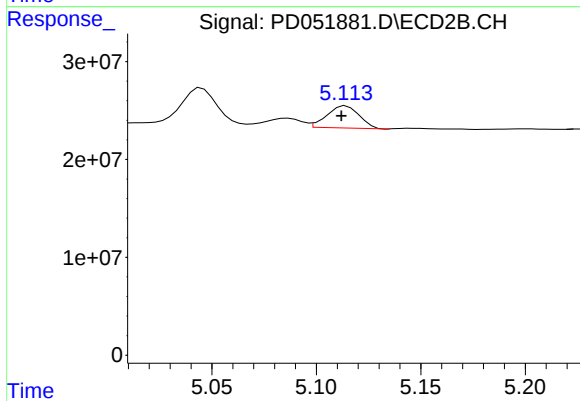
#5 Aldrin

R.T.: 5.569 min
Delta R.T.: 0.025 min
Response: 1415986
Conc: 0.04 ng/ml



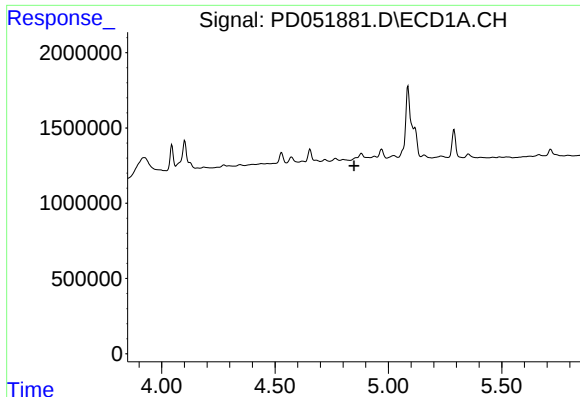
#7 delta-BHC

R.T.: 0.000 min
Exp R.T.: 4.346 min
Response: 0
Conc: N.D.



#7 delta-BHC

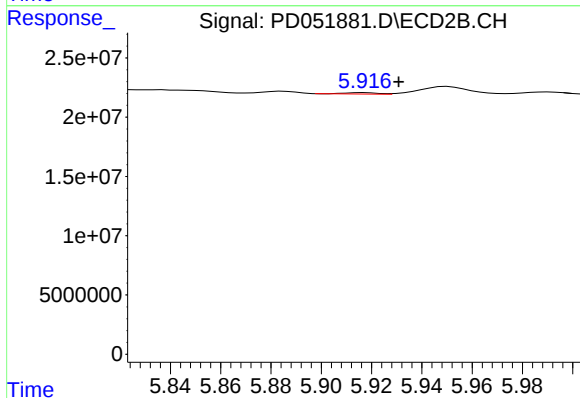
R.T.: 5.114 min
Delta R.T.: 0.002 min
Response: 24424458
Conc: 0.71 ng/ml



#8 Heptachlor epoxide

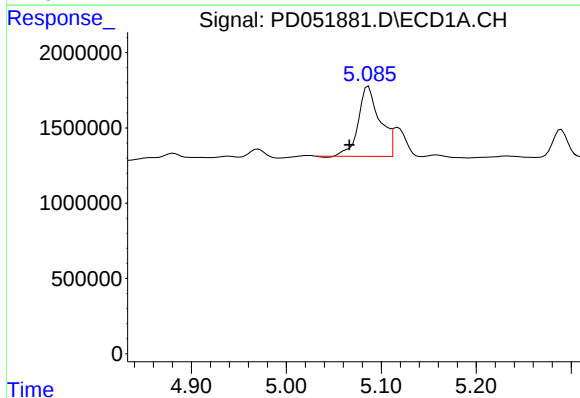
R.T.: 0.000 min
Exp R.T.: 4.849 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



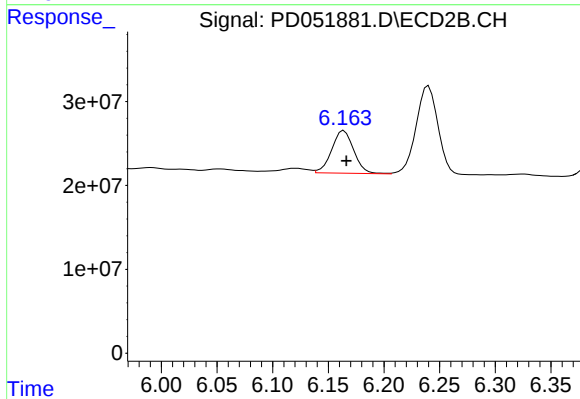
#8 Heptachlor epoxide

R.T.: 5.917 min
Delta R.T.: -0.014 min
Response: 1113780
Conc: 0.03 ng/ml



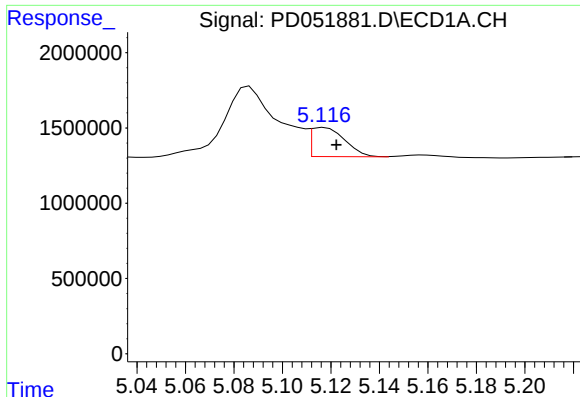
#10 gamma-Chlordane

R.T.: 5.086 min
Delta R.T.: 0.020 min
Response: 7309112
Conc: 3.61 ng/ml



#10 gamma-Chlordane

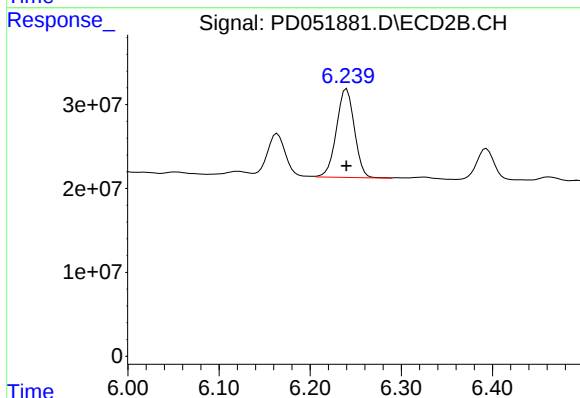
R.T.: 6.164 min
Delta R.T.: -0.002 min
Response: 70059524
Conc: 2.19 ng/ml



#11 alpha-Chlordane

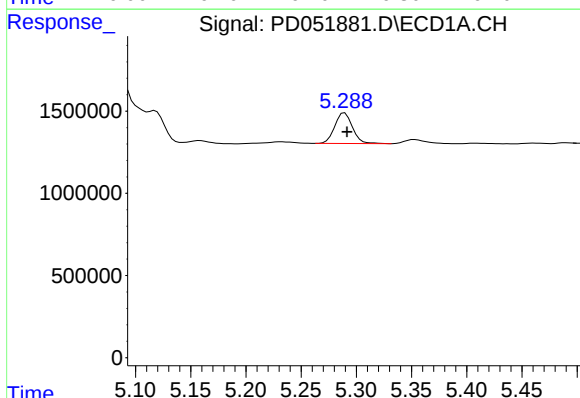
R.T.: 5.117 min
Delta R.T.: -0.005 min
Response: 1895001
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



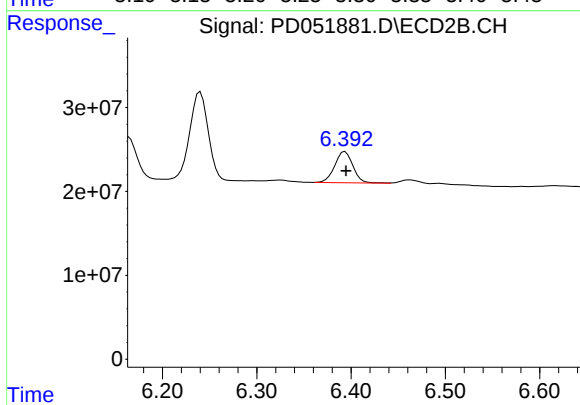
#11 alpha-Chlordane

R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 144959724
Conc: 4.57 ng/ml



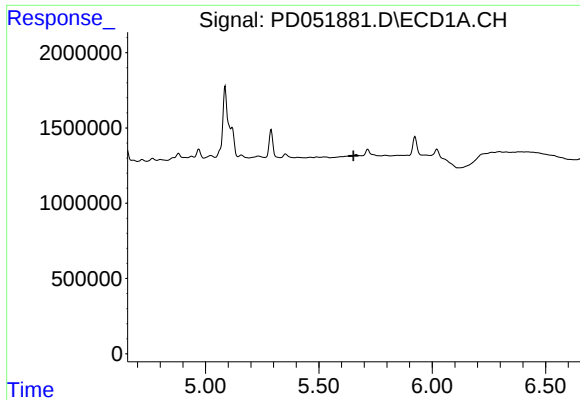
#12 4,4'-DDE

R.T.: 5.290 min
Delta R.T.: -0.002 min
Response: 2081460
Conc: 1.11 ng/ml



#12 4,4'-DDE

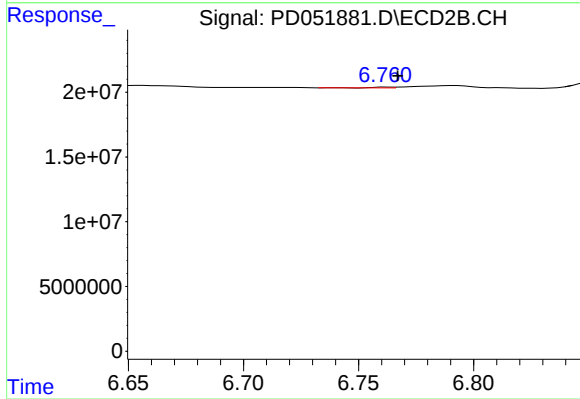
R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 49709842
Conc: 1.61 ng/ml



#14 Endrin

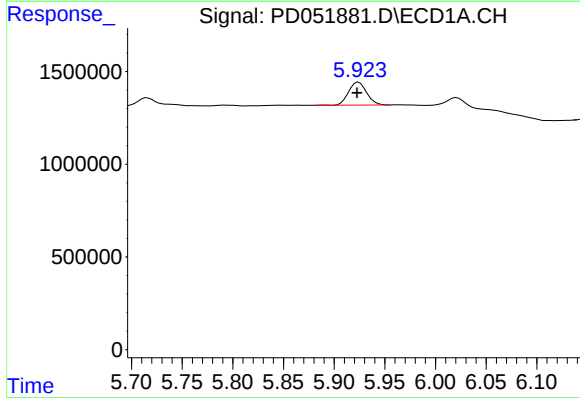
R.T.: 0.000 min
Exp R.T.: 5.653 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



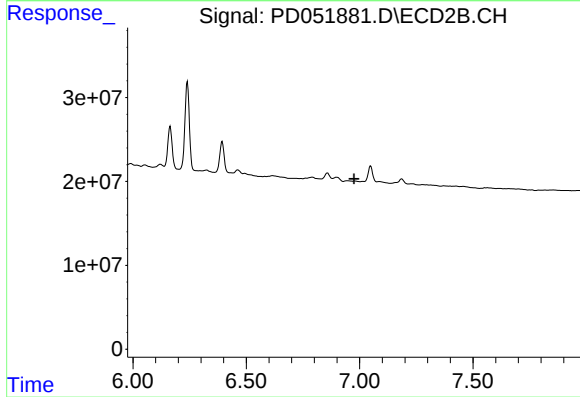
#14 Endrin

R.T.: 6.762 min
Delta R.T.: -0.005 min
Response: 366487
Conc: 0.01 ng/ml



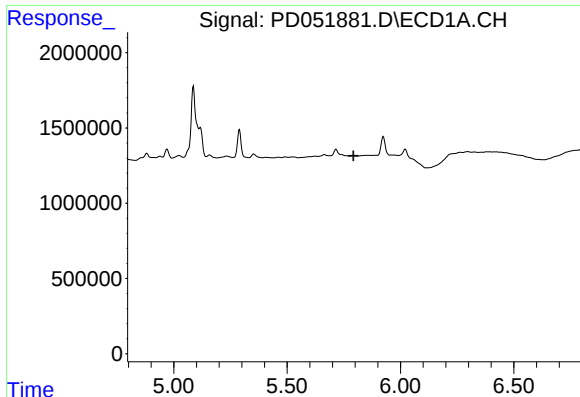
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: 0.002 min
Response: 1528166
Conc: 0.85 ng/ml



#15 Endosulfan II

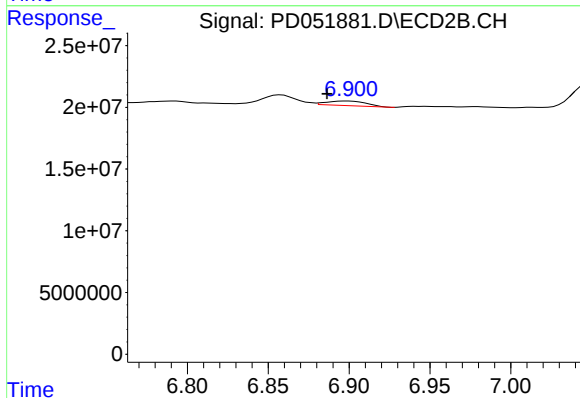
R.T.: 0.000 min
Exp R.T.: 6.975 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

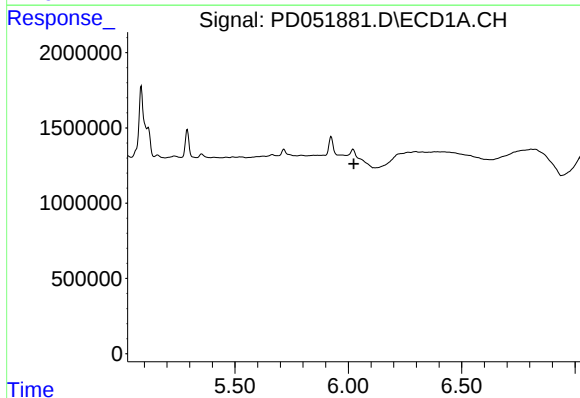
R.T.: 0.000 min
Exp R.T.: 5.793 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



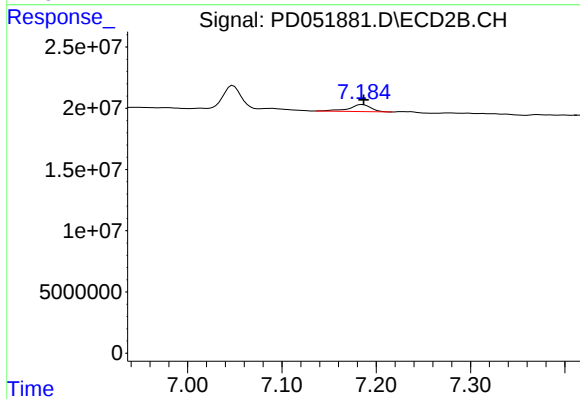
#16 4,4'-DDD

R.T.: 6.899 min
Delta R.T.: 0.013 min
Response: 6249809
Conc: 0.25 ng/ml



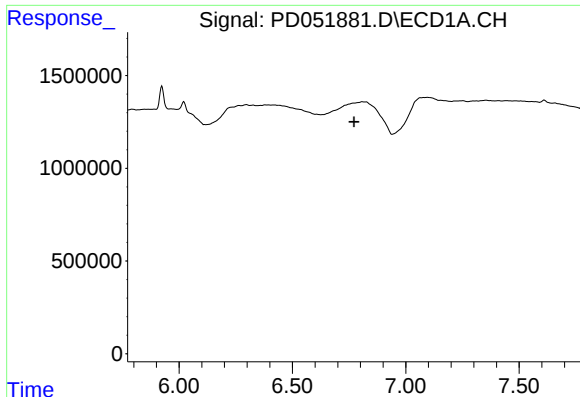
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 6.024 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

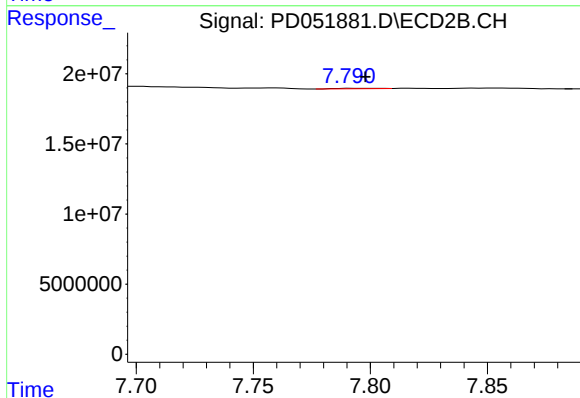
R.T.: 7.185 min
Delta R.T.: -0.001 min
Response: 9392053
Conc: 0.46 ng/ml



#21 Endrin ketone

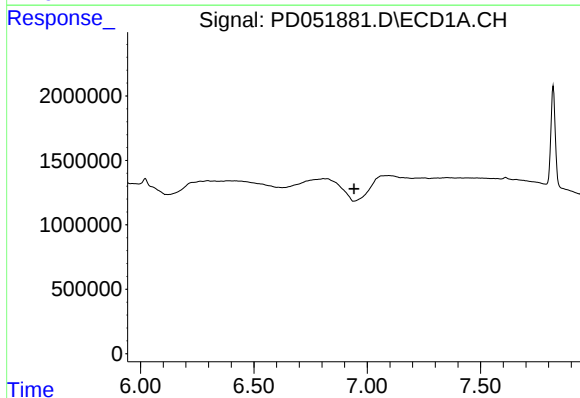
R.T.: 0.000 min
Exp R.T.: 6.773 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



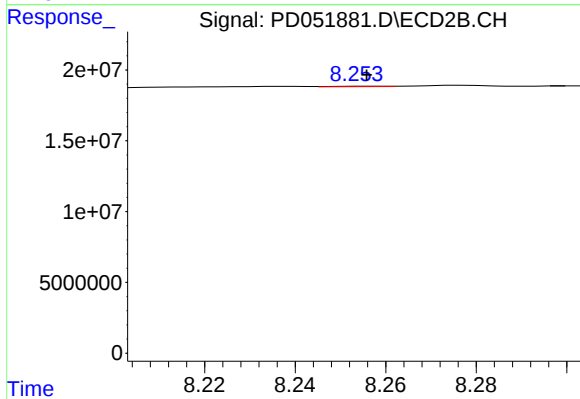
#21 Endrin ketone

R.T.: 7.791 min
Delta R.T.: -0.007 min
Response: 300079
Conc: 0.01 ng/ml



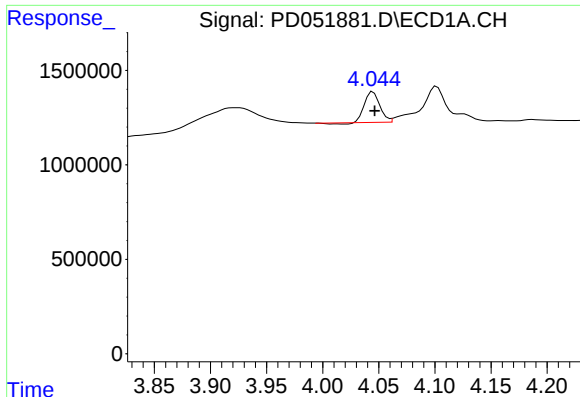
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 6.942 min
Response: 0
Conc: N.D.



#22 Mirex

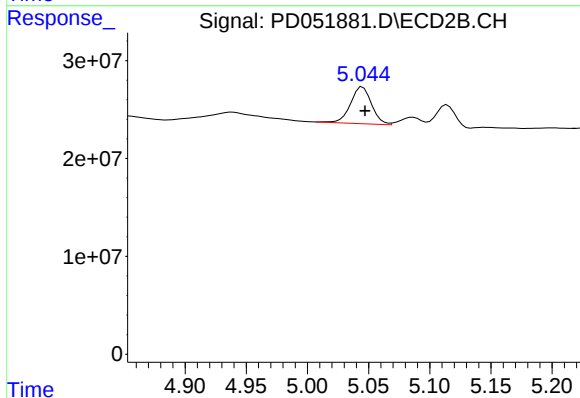
R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 269527
Conc: 0.02 ng/ml



#23 Chlordane-1

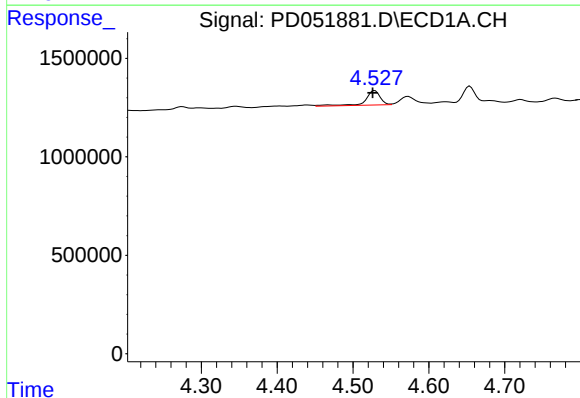
R.T.: 4.045 min
Delta R.T.: -0.001 min
Response: 1495388
Conc: 23.38 ng/ml

Instrument :
ECD_D
ClientSampleId :



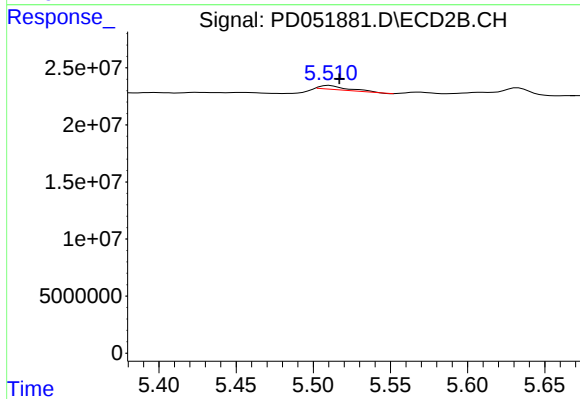
#23 Chlordane-1

R.T.: 5.045 min
Delta R.T.: -0.002 min
Response: 45054254
Conc: 29.42 ng/ml



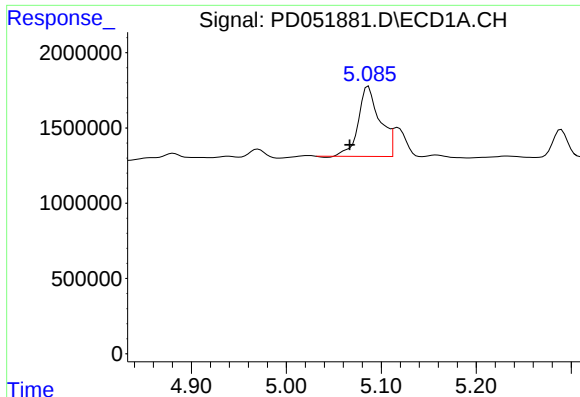
#24 Chlordane-2

R.T.: 4.529 min
Delta R.T.: 0.003 min
Response: 972886
Conc: 12.43 ng/ml



#24 Chlordane-2

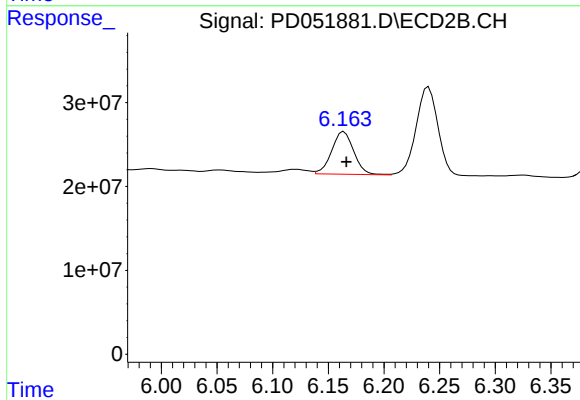
R.T.: 5.511 min
Delta R.T.: -0.006 min
Response: 4329038
Conc: 3.05 ng/ml



#25 Chlordane-3

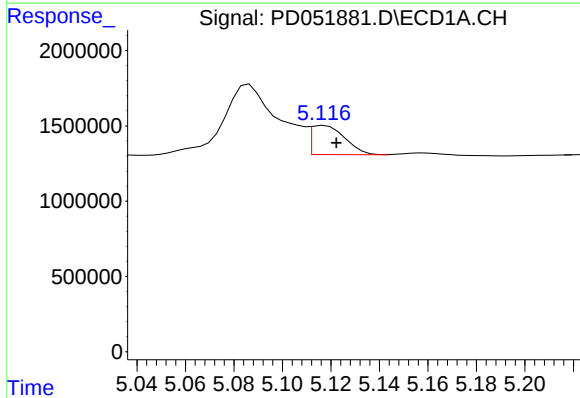
R.T.: 5.086 min
Delta R.T.: 0.019 min
Response: 7309112
Conc: 31.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



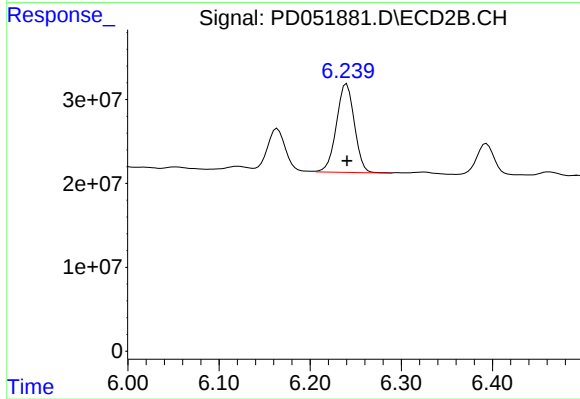
#25 Chlordane-3

R.T.: 6.164 min
Delta R.T.: -0.002 min
Response: 70059524
Conc: 15.73 ng/ml



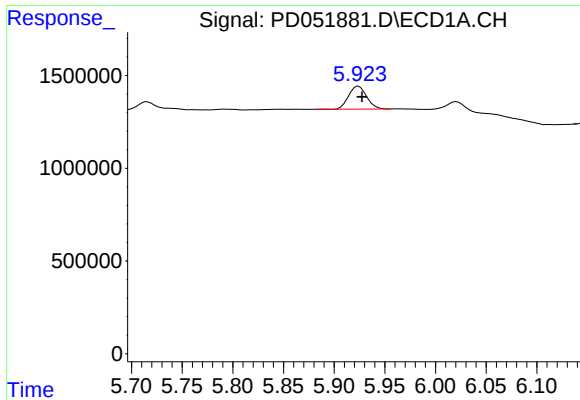
#26 Chlordane-4

R.T.: 5.117 min
Delta R.T.: -0.005 min
Response: 1895001
Conc: 8.47 ng/ml



#26 Chlordane-4

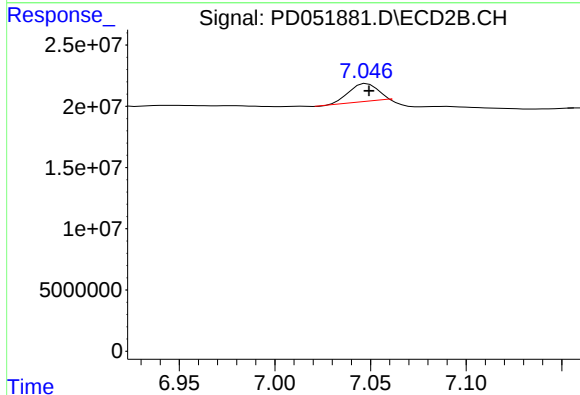
R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 144959724
Conc: 27.68 ng/ml



#27 Chlordane-5

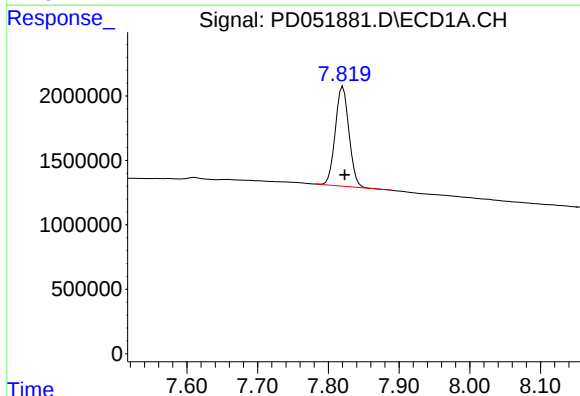
R.T.: 5.924 min
Delta R.T.: -0.003 min
Response: 1528166
Conc: 21.28 ng/ml

Instrument :
ECD_D
ClientSampleId :



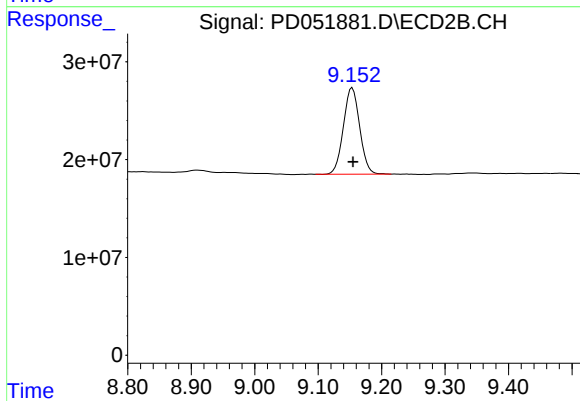
#27 Chlordane-5

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 14852508
Conc: 14.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.821 min
Delta R.T.: -0.003 min
Response: 10363743
Conc: 9.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.154 min
Delta R.T.: -0.001 min
Response: 157283460
Conc: 8.61 ng/ml