

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050619\
 Data File : PD053188.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 May 2019 10:49
 Operator : AJ\SJ
 Sample : K2602-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 BFH48MS

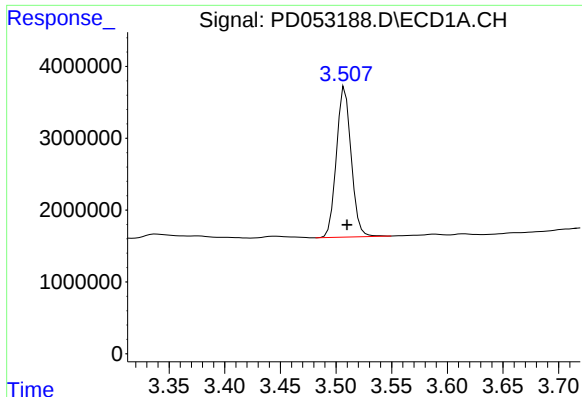
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 00:51:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD050319CLP.M
 Quant Title : GC Extractables
 QLast Update : Sat May 04 03:39:22 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 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...	3.508	4.069	19313362	415.0E6	15.022	16.156
27)	SA Decachlor...	8.299	9.179	33637933	550.7E6	25.510	35.807 #
Target Compounds							
2)	A alpha-BHC	0.000	4.492f	0	28531439	N.D.	0.785 #
3)	MA gamma-BHC...	4.241	4.749	60209503	1182.6E6	36.131	36.278
4)	MA Heptachlor	4.543	5.264	64109769	1179.4E6	39.960	40.494
5)	MB Aldrin	4.793	5.571	60050113	1110.3E6	35.227	37.451
6)	B beta-BHC	4.543f	4.898	64109769	6719890	78.972	0.466 #
7)	B delta-BHC	0.000	5.149	0	2394494	N.D.	0.073 #
8)	B Heptachlo...	5.292f	5.945	7258562	148.3E6	4.451	5.586 #
9)	A Endosulfan I	0.000	6.291	0	6989051	N.D.	0.295 #
10)	B trans-Chl...	0.000	6.204	0	-142267549	N.D.	N.D.
11)	B cis-Chlor...	0.000	6.291	0	6989051	N.D.	0.284 #
12)	B 4,4'-DDE	5.692	6.419	2079025	108.0E6	1.467	4.955 #
13)	MA Dieldrin	5.830	6.572	166.5E6	2671.6E6	101.990	113.652
14)	MA Endrin	6.087	6.791	148.4E6	1608.0E6	116.228	98.602
15)	B Endosulfa...	6.351	6.983	8108725	652.2E6	5.802	33.883 #
16)	A 4,4'-DDD	6.280f	6.916	103.0E6	4177.8E6	99.648	255.755 #
17)	MA 4,4'-DDT	6.451	7.181	353.8E6	1006.9E6	556.444	116.884 #
18)	B Endrin al...	6.543	7.136	49740733	257.3E6	49.675	17.539 #
19)	B Endosulfa...	6.740	7.316	203.4E6	247.6E6	175.361	14.535 #
20)	A Methoxychlor	7.037	7.655	3603822	-157194792	9.428	N.D. #
21)	B Endrin ke...	7.262	0.000	203.3E6	0	183.072	N.D. #
22)	Toxaphene-1	5.830	6.501	166.5E6	77467925	18212.116	795.795 #
23)	Toxaphene-2	5.949	6.661	102.9E6	1497.2E6	11701.781	8709.389 #
24)	Toxaphene-3	6.280	7.181	103.0E6	1006.9E6	10550.853	7170.349 #
25)	Toxaphene-4	6.403	7.261	77296673	3308.1E6	3514.024	9289.693 #
26)	Toxaphene-5	7.082	7.707	21434780	813.6E6	1270.458	5546.519 #

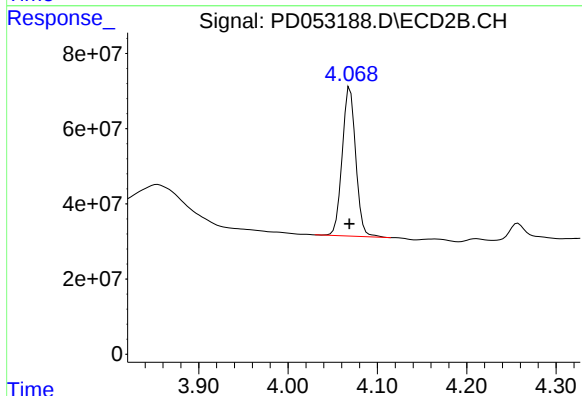
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

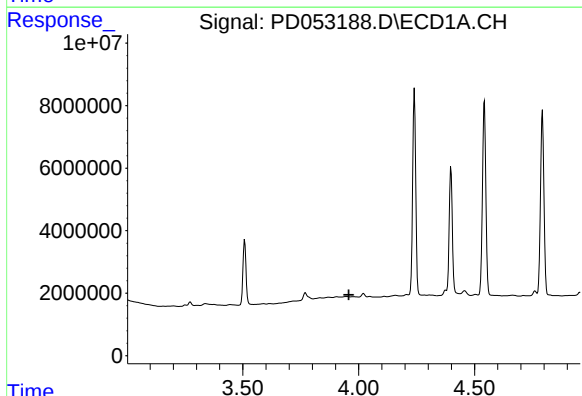
R.T.: 3.508 min
Delta R.T.: -0.002 min
Response: 19313362
Conc: 15.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFH48MS



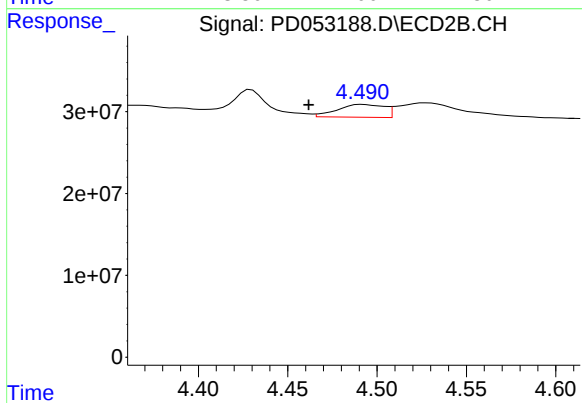
#1 Tetrachloro-m-xylene

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 414957636
Conc: 16.16 ng/ml



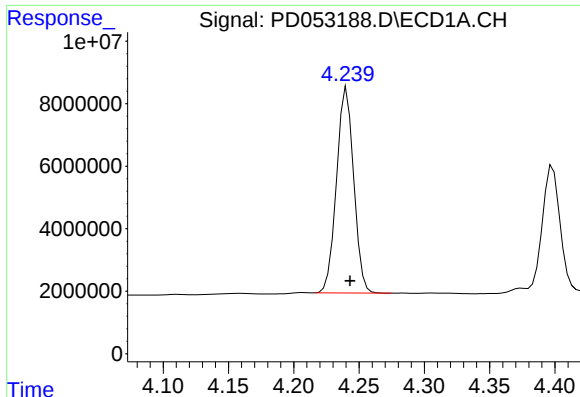
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.957 min
Response: 0
Conc: N.D.



#2 alpha-BHC

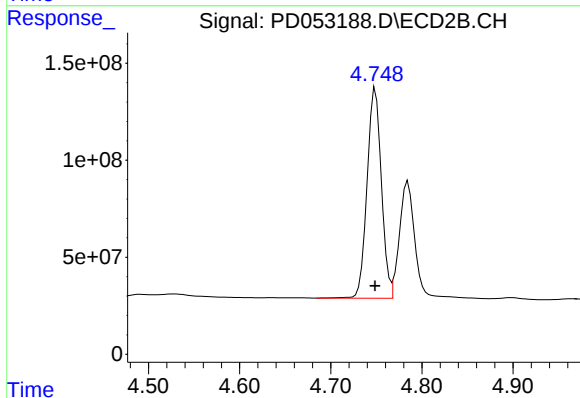
R.T.: 4.492 min
Delta R.T.: 0.030 min
Response: 28531439
Conc: 0.79 ng/ml



#3 gamma-BHC (Lindane)

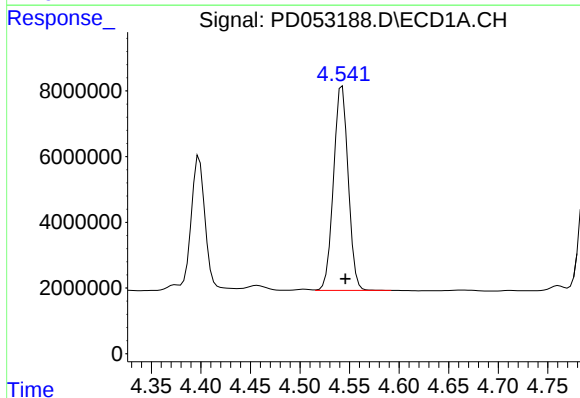
R.T.: 4.241 min
Delta R.T.: -0.002 min
Response: 60209503
Conc: 36.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFH48MS



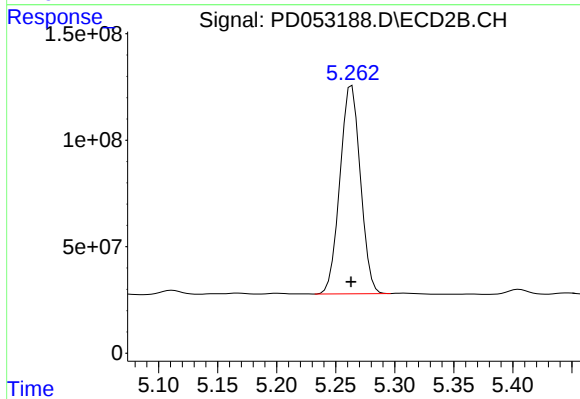
#3 gamma-BHC (Lindane)

R.T.: 4.749 min
Delta R.T.: 0.000 min
Response: 1182553754
Conc: 36.28 ng/ml



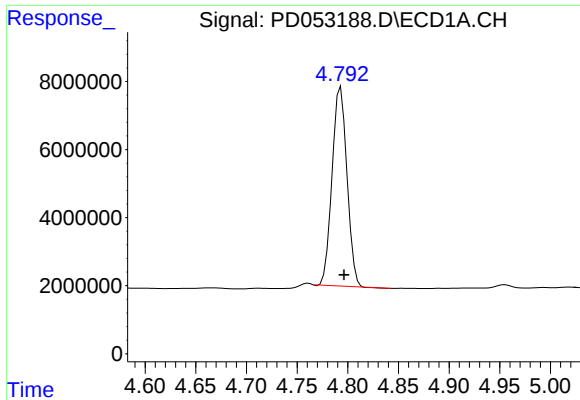
#4 Heptachlor

R.T.: 4.543 min
Delta R.T.: -0.003 min
Response: 64109769
Conc: 39.96 ng/ml



#4 Heptachlor

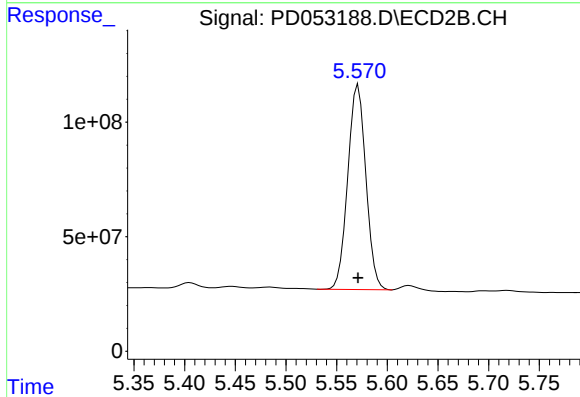
R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 1179435503
Conc: 40.49 ng/ml



#5 Aldrin

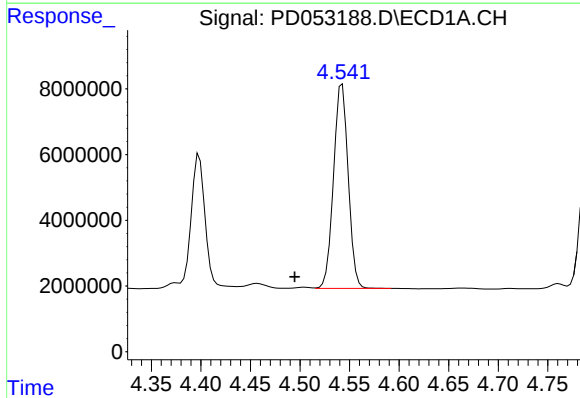
R.T.: 4.793 min
Delta R.T.: -0.003 min
Response: 60050113
Conc: 35.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFH48MS



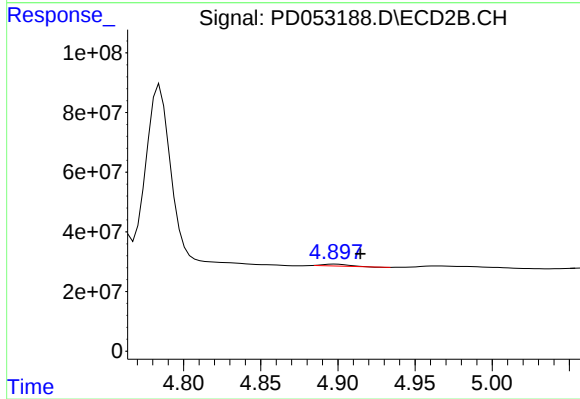
#5 Aldrin

R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 1110254545
Conc: 37.45 ng/ml



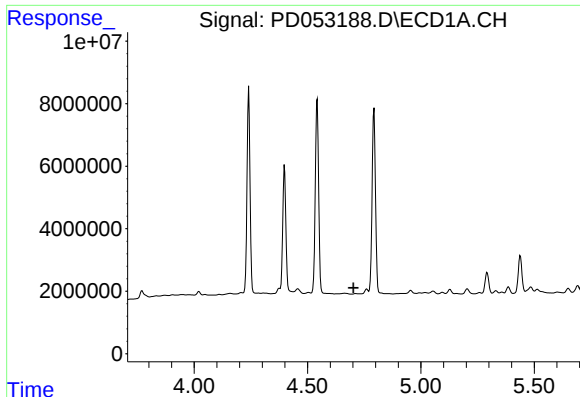
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: 0.048 min
Response: 64109769
Conc: 78.97 ng/ml



#6 beta-BHC

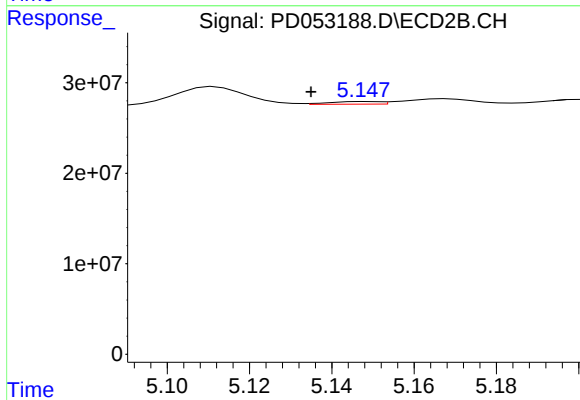
R.T.: 4.898 min
Delta R.T.: -0.016 min
Response: 6719890
Conc: 0.47 ng/ml



#7 delta-BHC

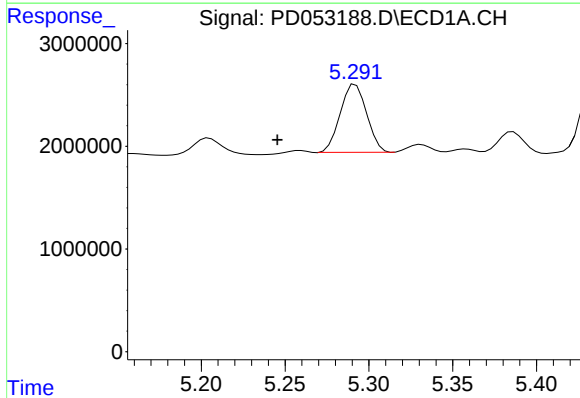
R.T.: 0.000 min
Exp R.T.: 4.703 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
BFH48MS



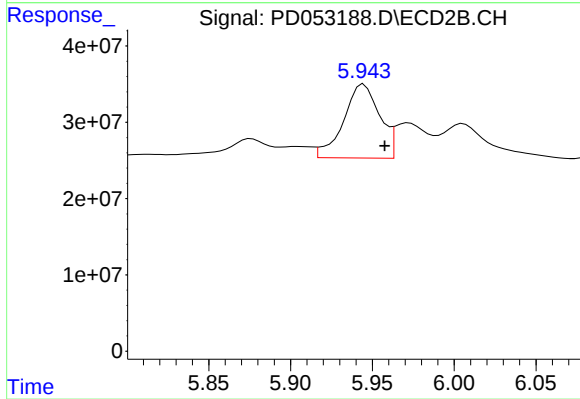
#7 delta-BHC

R.T.: 5.149 min
Delta R.T.: 0.014 min
Response: 2394494
Conc: 0.07 ng/ml



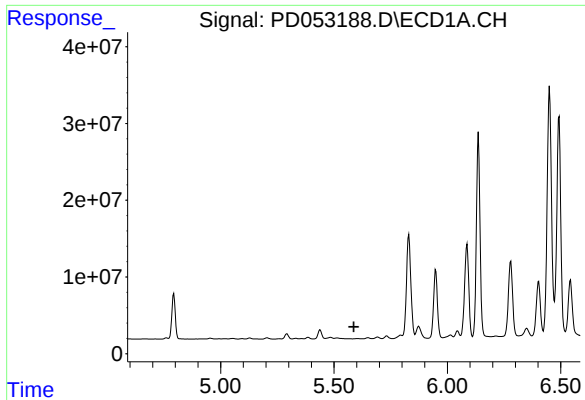
#8 Heptachlor epoxide

R.T.: 5.292 min
Delta R.T.: 0.047 min
Response: 7258562
Conc: 4.45 ng/ml



#8 Heptachlor epoxide

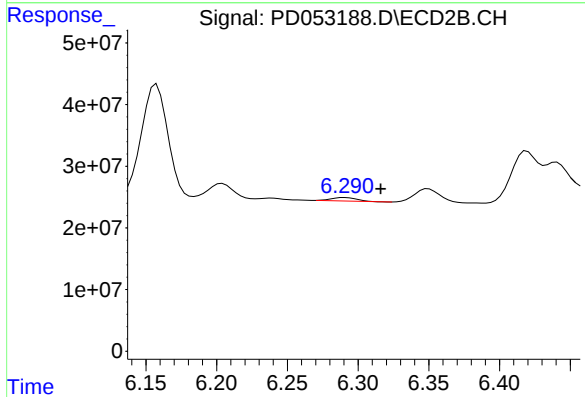
R.T.: 5.945 min
Delta R.T.: -0.013 min
Response: 148289804
Conc: 5.59 ng/ml



#9 Endosulfan I

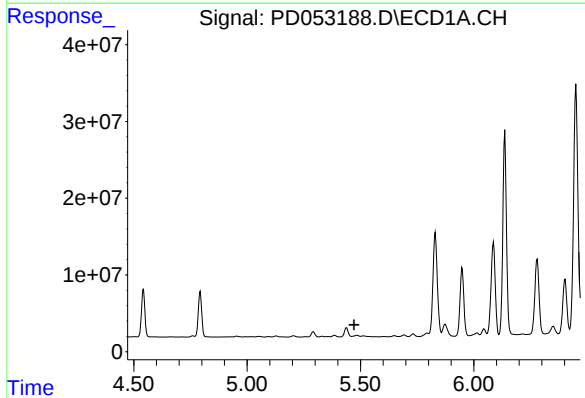
R.T.: 0.000 min
Exp R.T.: 5.588 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
BFH48MS



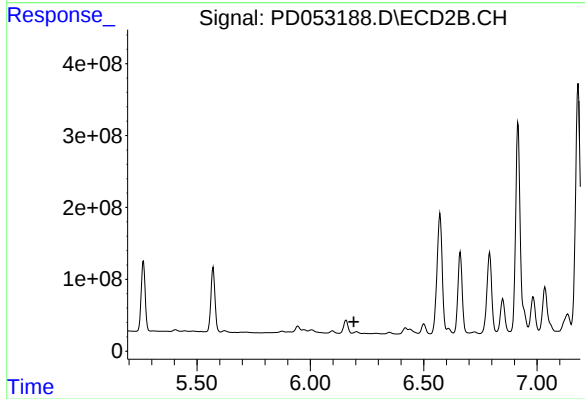
#9 Endosulfan I

R.T.: 6.291 min
Delta R.T.: -0.025 min
Response: 6989051
Conc: 0.30 ng/ml



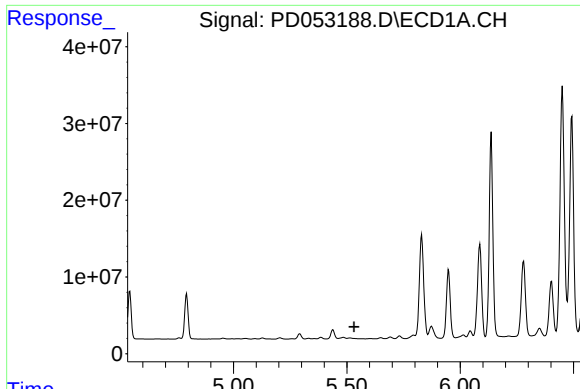
#10 trans-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.472 min
Response: 0
Conc: N.D.



#10 trans-Chlordane

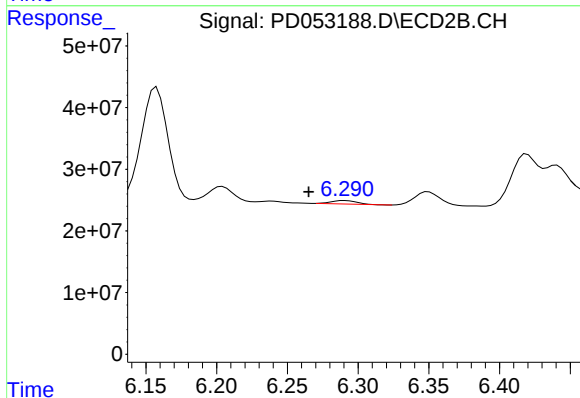
R.T.: 6.204 min
Delta R.T.: 0.013 min
Response: -142267549
Conc: N.D.



#11 cis-Chlordane

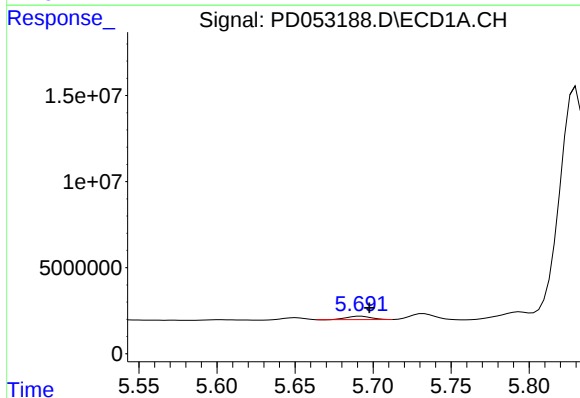
R.T.: 0.000 min
Exp R.T.: 5.532 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
BFH48MS



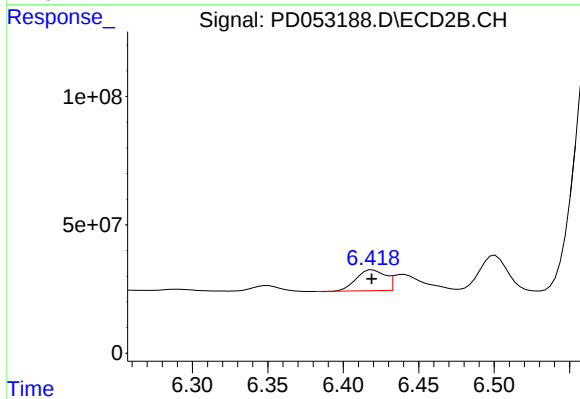
#11 cis-Chlordane

R.T.: 6.291 min
Delta R.T.: 0.026 min
Response: 6989051
Conc: 0.28 ng/ml



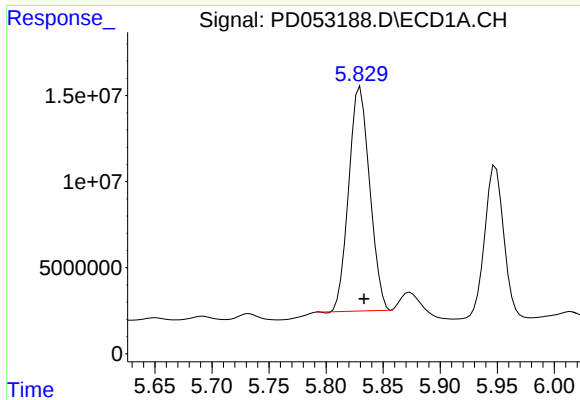
#12 4,4'-DDE

R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 2079025
Conc: 1.47 ng/ml



#12 4,4'-DDE

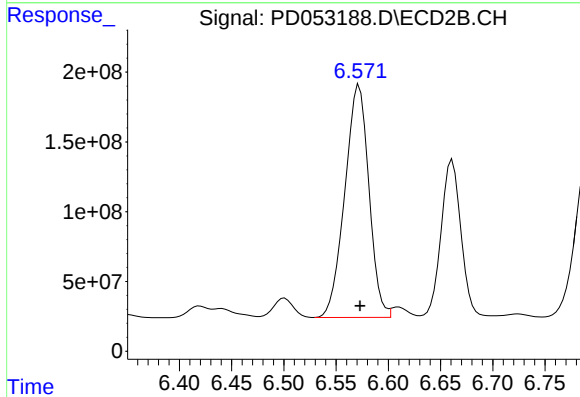
R.T.: 6.419 min
Delta R.T.: 0.000 min
Response: 107952454
Conc: 4.96 ng/ml



#13 Dieldrin

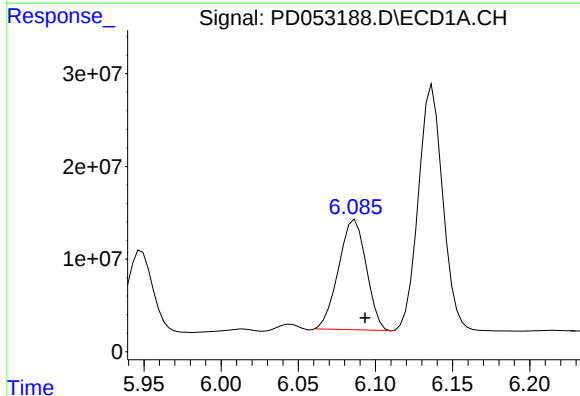
R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 166454988
Conc: 101.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFH48MS



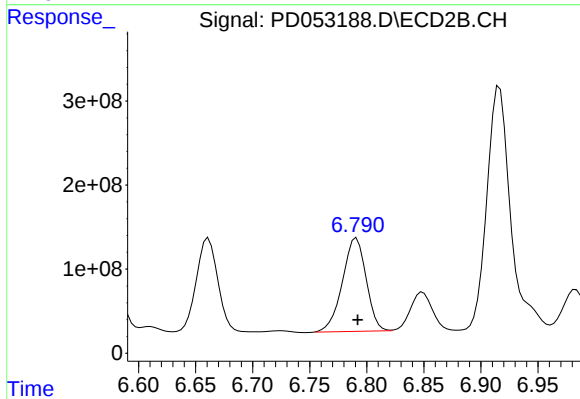
#13 Dieldrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 2671614829
Conc: 113.65 ng/ml



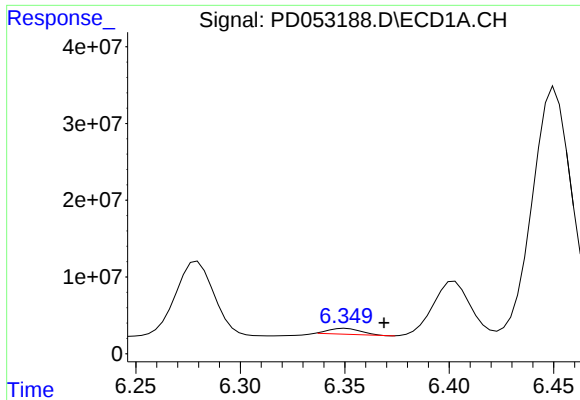
#14 Endrin

R.T.: 6.087 min
Delta R.T.: -0.007 min
Response: 148432078
Conc: 116.23 ng/ml



#14 Endrin

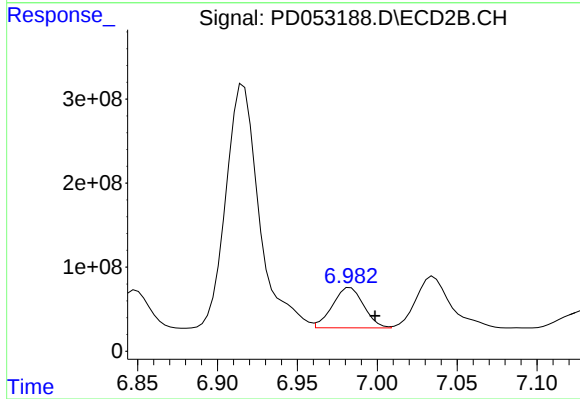
R.T.: 6.791 min
Delta R.T.: -0.001 min
Response: 1608044876
Conc: 98.60 ng/ml



#15 Endosulfan II

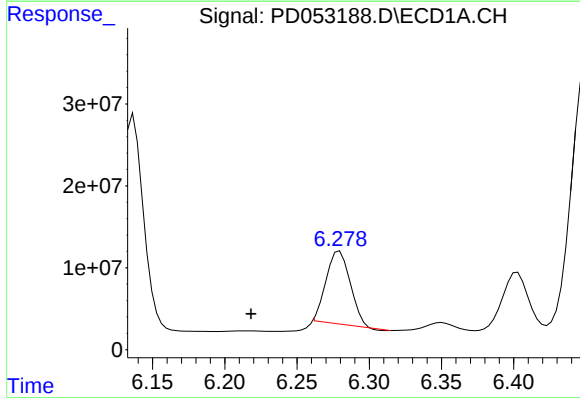
R.T.: 6.351 min
Delta R.T.: -0.018 min
Response: 8108725
Conc: 5.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFH48MS



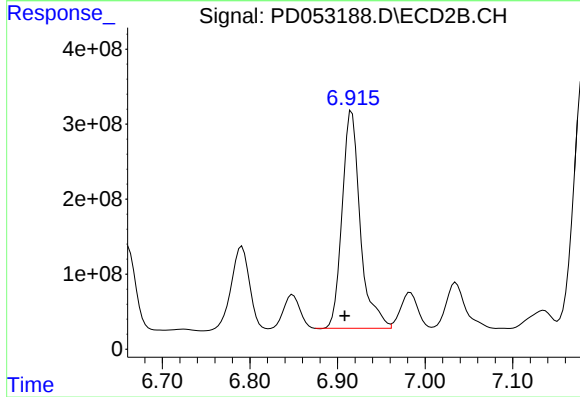
#15 Endosulfan II

R.T.: 6.983 min
Delta R.T.: -0.015 min
Response: 652186271
Conc: 33.88 ng/ml



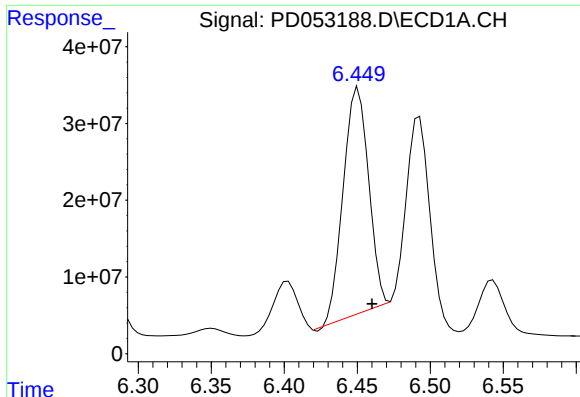
#16 4,4'-DDD

R.T.: 6.280 min
Delta R.T.: 0.061 min
Response: 103024556
Conc: 99.65 ng/ml



#16 4,4'-DDD

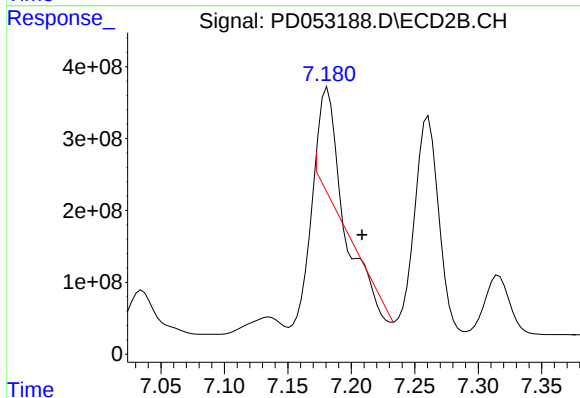
R.T.: 6.916 min
Delta R.T.: 0.008 min
Response: 4177770697
Conc: 255.76 ng/ml



#17 4,4'-DDT

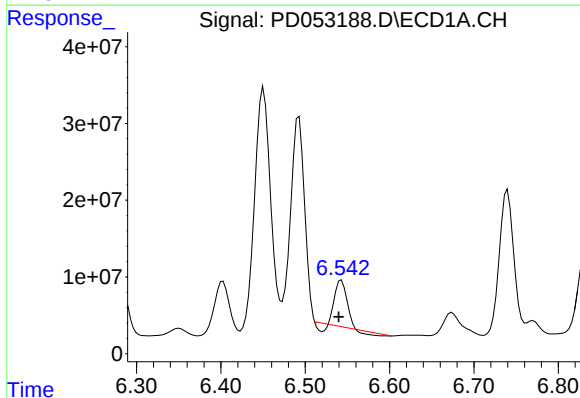
R.T.: 6.451 min
Delta R.T.: -0.009 min
Response: 353779526
Conc: 556.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFH48MS



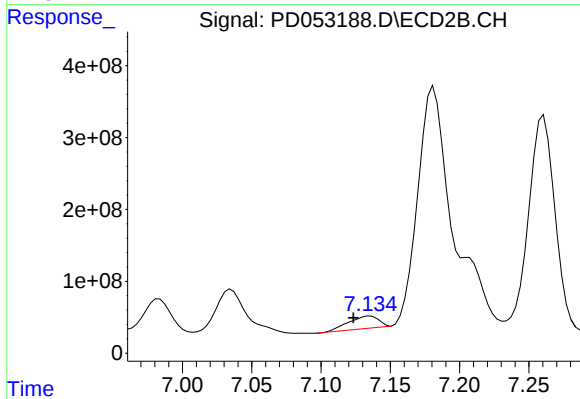
#17 4,4'-DDT

R.T.: 7.181 min
Delta R.T.: -0.027 min
Response: 1006873922
Conc: 116.88 ng/ml



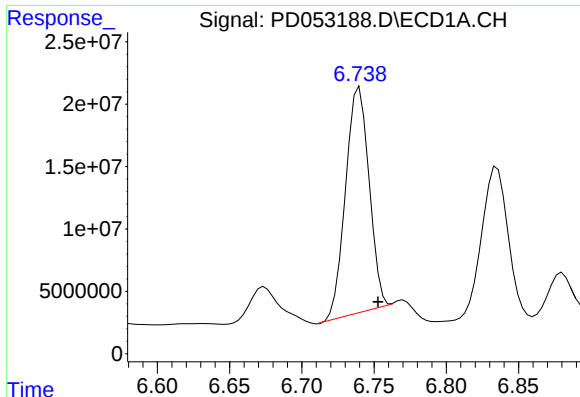
#18 Endrin aldehyde

R.T.: 6.543 min
Delta R.T.: 0.003 min
Response: 49740733
Conc: 49.68 ng/ml



#18 Endrin aldehyde

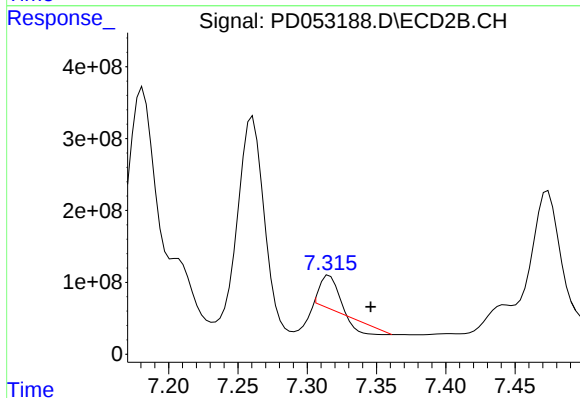
R.T.: 7.136 min
Delta R.T.: 0.012 min
Response: 257322284
Conc: 17.54 ng/ml



#19 Endosulfan Sulfate

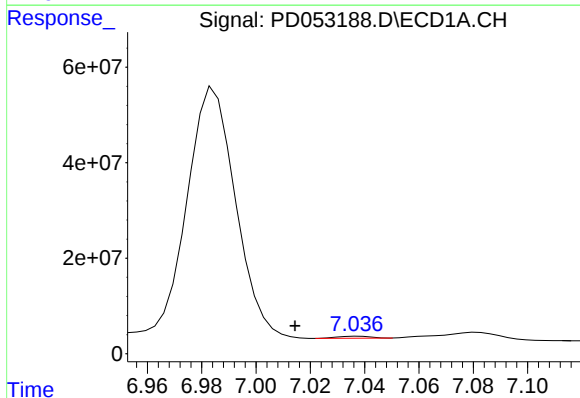
R.T.: 6.740 min
Delta R.T.: -0.013 min
Response: 203426290
Conc: 175.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFH48MS



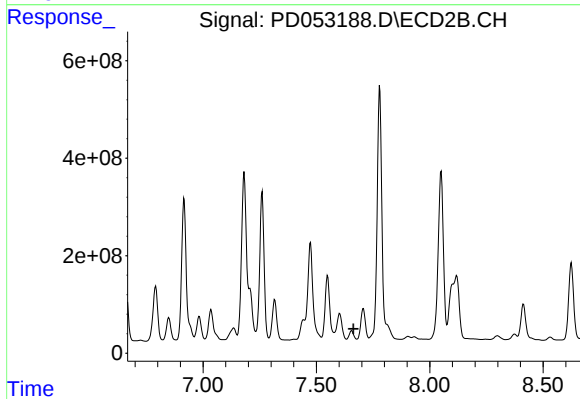
#19 Endosulfan Sulfate

R.T.: 7.316 min
Delta R.T.: -0.030 min
Response: 247629747
Conc: 14.54 ng/ml



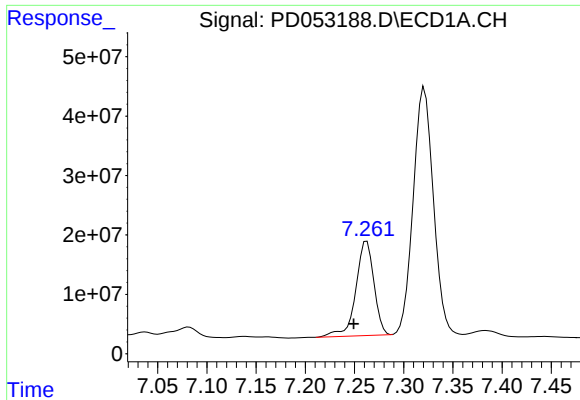
#20 Methoxychlor

R.T.: 7.037 min
Delta R.T.: 0.023 min
Response: 3603822
Conc: 9.43 ng/ml



#20 Methoxychlor

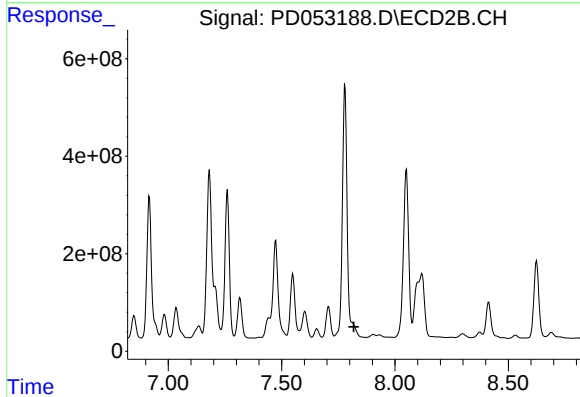
R.T.: 7.655 min
Delta R.T.: -0.009 min
Response: -157194792
Conc: N.D.



#21 Endrin ketone

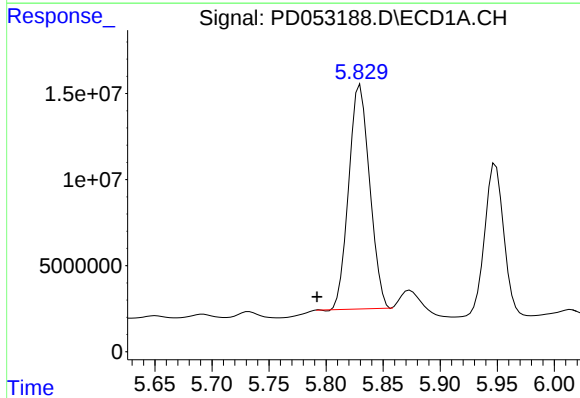
R.T.: 7.262 min
Delta R.T.: 0.013 min
Response: 203267060
Conc: 183.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFH48MS



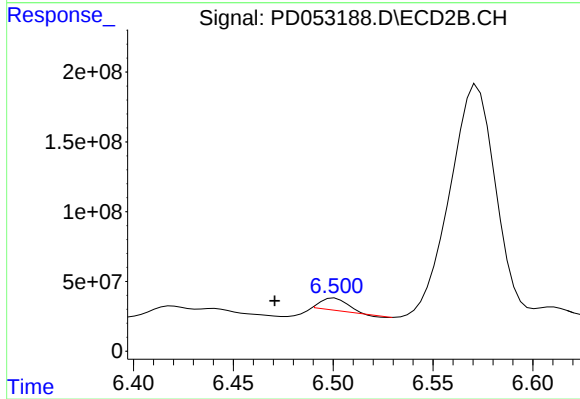
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 7.819 min
Response: 0
Conc: N.D.



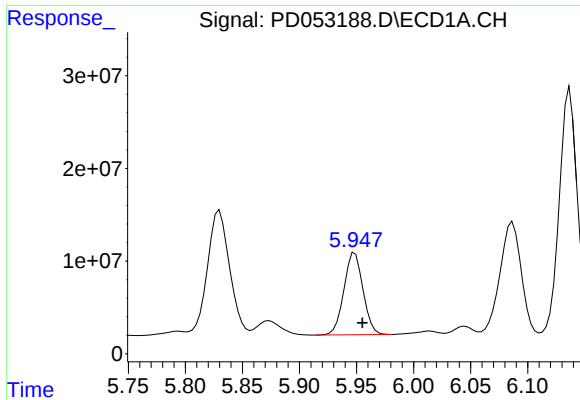
#22 Toxaphene-1

R.T.: 5.830 min
Delta R.T.: 0.038 min
Response: 166454988
Conc: 18212.12 ng/ml



#22 Toxaphene-1

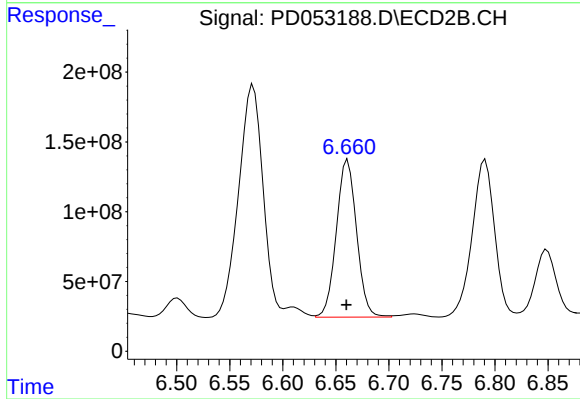
R.T.: 6.501 min
Delta R.T.: 0.030 min
Response: 77467925
Conc: 795.80 ng/ml



#23 Toxaphene-2

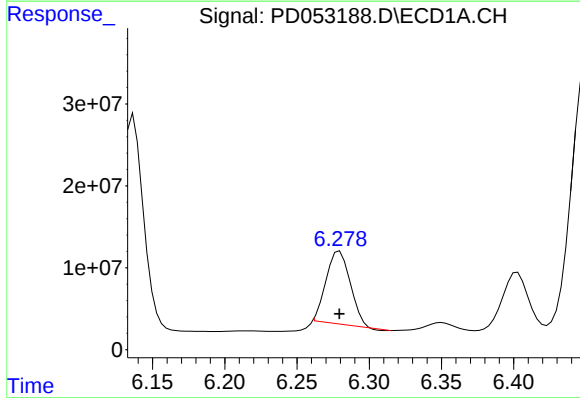
R.T.: 5.949 min
Delta R.T.: -0.007 min
Response: 102913112
Conc: 11701.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFH48MS



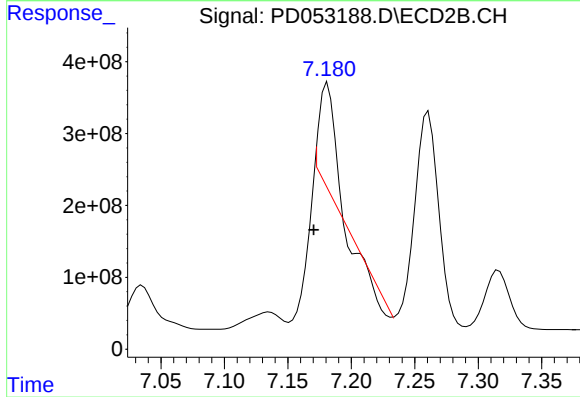
#23 Toxaphene-2

R.T.: 6.661 min
Delta R.T.: 0.001 min
Response: 1497231496
Conc: 8709.39 ng/ml



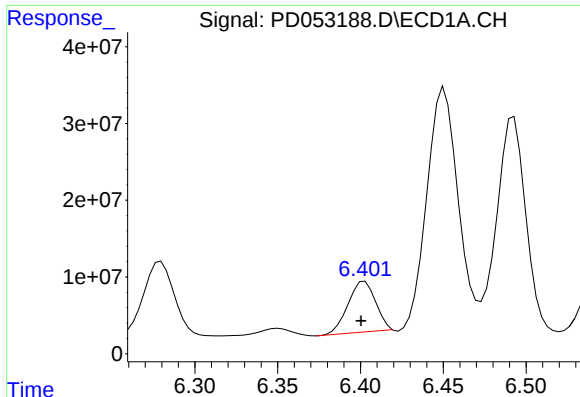
#24 Toxaphene-3

R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 103024556
Conc: 10550.85 ng/ml



#24 Toxaphene-3

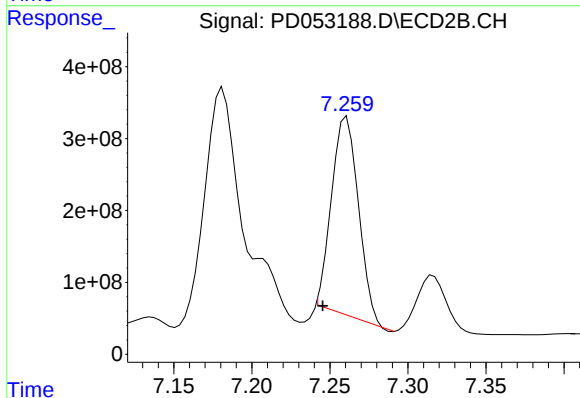
R.T.: 7.181 min
Delta R.T.: 0.011 min
Response: 1006873922
Conc: 7170.35 ng/ml



#25 Toxaphene-4

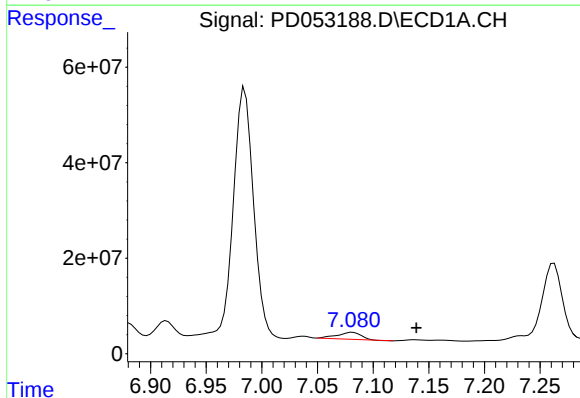
R.T.: 6.403 min
Delta R.T.: 0.002 min
Response: 77296673
Conc: 3514.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFH48MS



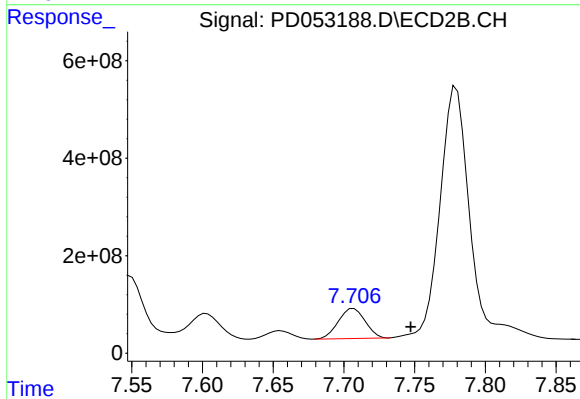
#25 Toxaphene-4

R.T.: 7.261 min
Delta R.T.: 0.015 min
Response: 3308135634
Conc: 9289.69 ng/ml



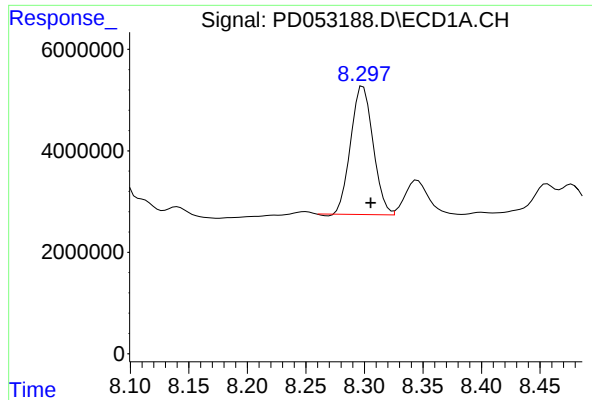
#26 Toxaphene-5

R.T.: 7.082 min
Delta R.T.: -0.057 min
Response: 21434780
Conc: 1270.46 ng/ml



#26 Toxaphene-5

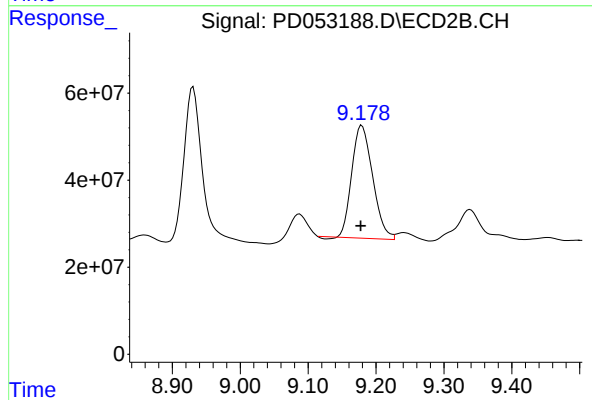
R.T.: 7.707 min
Delta R.T.: -0.040 min
Response: 813568788
Conc: 5546.52 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.299 min
Delta R.T.: -0.006 min
Response: 33637933
Conc: 25.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFH48MS



#27 Decachlorobiphenyl

R.T.: 9.179 min
Delta R.T.: 0.001 min
Response: 550673351
Conc: 35.81 ng/ml