

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052121\
 Data File : PD063189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2021 21:34
 Operator : AR\AJ
 Sample : PEM15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM015

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 01:56:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052121CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri May 21 01:37:02 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.440	3.970	23475535	235.7E6	20.756	20.104
27)	SA Decachlor...	8.193	9.022	27782078	241.3E6	21.362	21.760
Target Compounds							
2)	A alpha-BHC	3.875	4.358	17349250	171.6E6	10.381	9.854
3)	MA gamma-BHC...	4.159	4.642	16607779	171.6E6	10.368	10.284
4)	MA Heptachlor	4.410f	0.000	8360615	0	5.381	N.D. #
5)	MB Aldrin	4.753f	5.416f	980688	14467439	0.654	0.901 #
6)	B beta-BHC	4.410	4.813	8360615	72945590	11.382	10.325
7)	B delta-BHC	0.000	5.005	0	28658169	N.D.	1.595
8)	B Heptachlor...	0.000	5.849	0	11527527	N.D.	0.741
9)	A Endosulfan I	0.000	6.200	0	1640344	N.D.	0.114
10)	B trans-Chl...	0.000	6.088	0	1993196	N.D.	0.129
11)	B cis-Chlor...	0.000	6.166	0	1198368	N.D.	<MDL
12)	B 4,4'-DDE	5.586	6.303	639204	3221140	0.446	0.213 #
13)	MA Dieldrin	5.752	6.457	902239	13285316	0.602	0.866 #
14)	MA Endrin	5.989	6.669	64365948	600.8E6	48.577	47.365
15)	B Endosulfa...	6.291	6.889	244481	6075459	0.206	0.494 #
16)	A 4,4'-DDD	6.115	6.793	1750758	24187510	1.477	1.998 #
17)	MA 4,4'-DDT	6.356	7.091	131.0E6	1200.8E6	108.604	99.296
18)	B Endrin al...	6.432	7.003	1919030	18450615	1.769	1.749
19)	B Endosulfa...	6.697f	7.218	-67519	755387	N.D.	<MDL
20)	A Methoxychlor	6.902	7.549	176.1E6	1433.9E6	252.535	251.089
21)	B Endrin ke...	7.135	7.695	5165480	33789590	3.639	2.916
22)	Toxaphene-1	5.752	6.373	902239	2690637	101.921	42.248 #
23)	Toxaphene-2	0.000	6.669	0	600.8E6	N.D.	7574.002
24)	Toxaphene-3	6.211	7.091	1675472	1200.8E6	175.341	10742.296 #
25)	Toxaphene-4	6.291	7.149	244481	383850	10.495	1.274 #
26)	Toxaphene-5	7.051	7.646	1461322	12294625	55.498	93.761 #

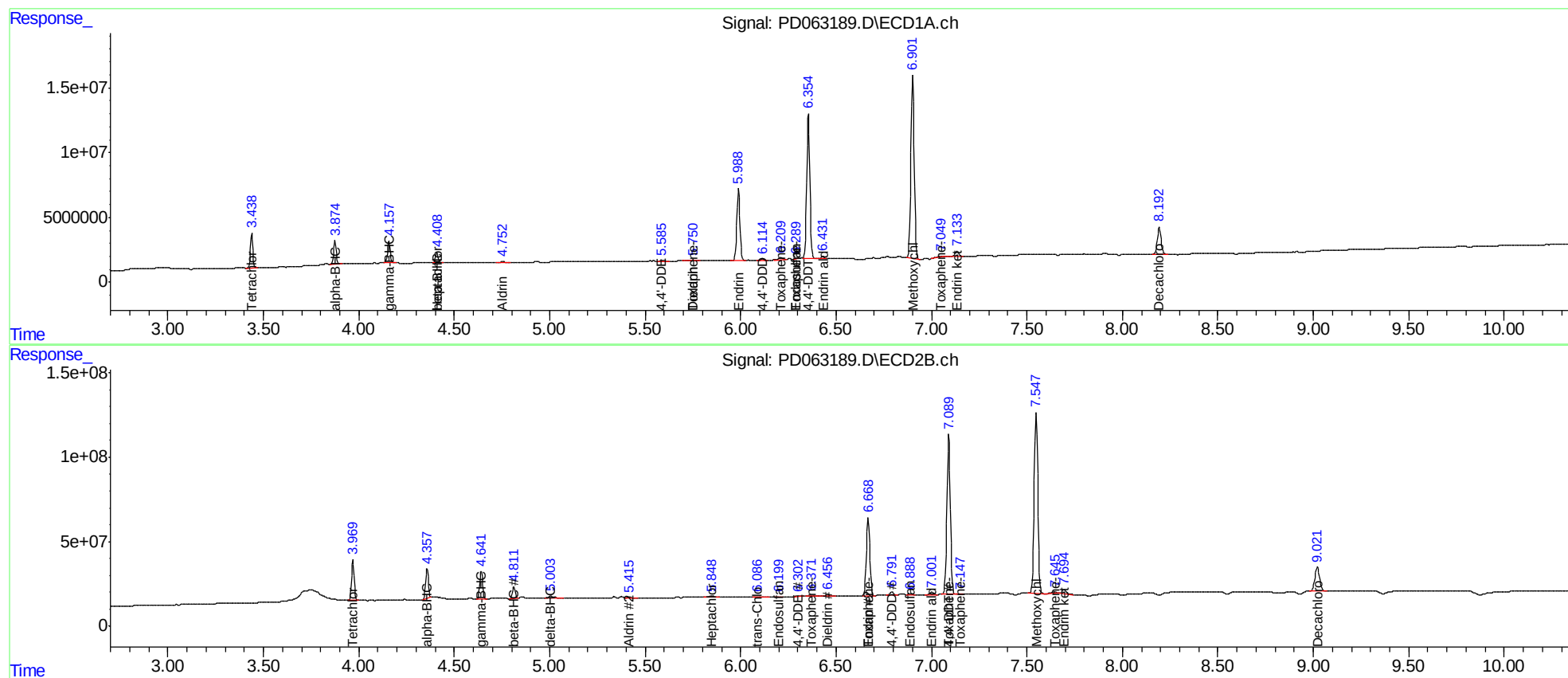
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

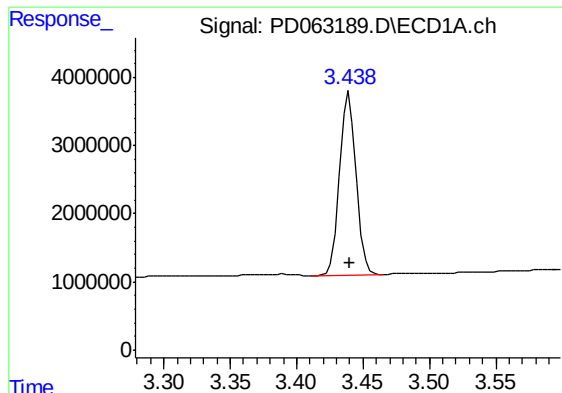
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052121\
Data File : PD063189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2021 21:34
Operator : AR\AJ
Sample : PEM15
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM015

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 01:56:23 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052121CLP.M
Quant Title : GC Extractables
QLast Update : Fri May 21 01:37:02 2021
Response via : Initial Calibration
Integrator: ChemStation

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

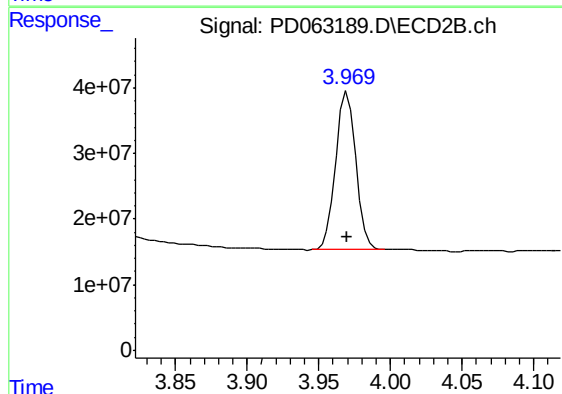




#1 Tetrachloro-m-xylene

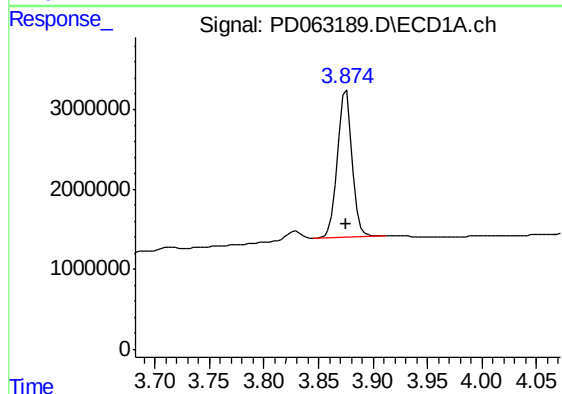
R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 23475535
Conc: 20.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM015



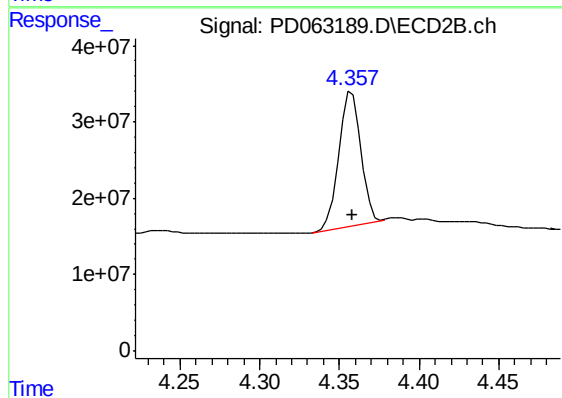
#1 Tetrachloro-m-xylene

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 235681662
Conc: 20.10 ng/ml



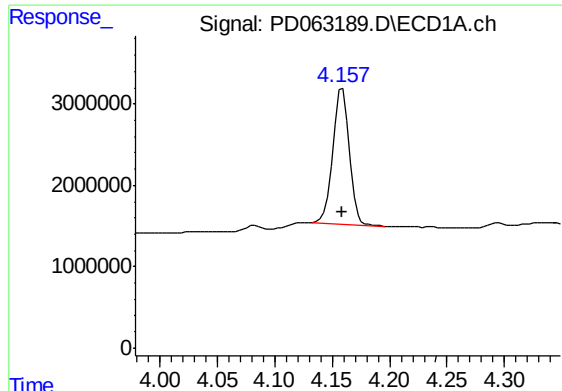
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: 0.000 min
Response: 17349250
Conc: 10.38 ng/ml



#2 alpha-BHC

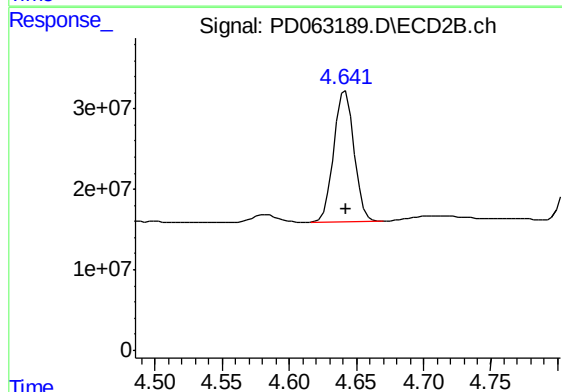
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 171608787
Conc: 9.85 ng/ml



#3 gamma-BHC (Lindane)

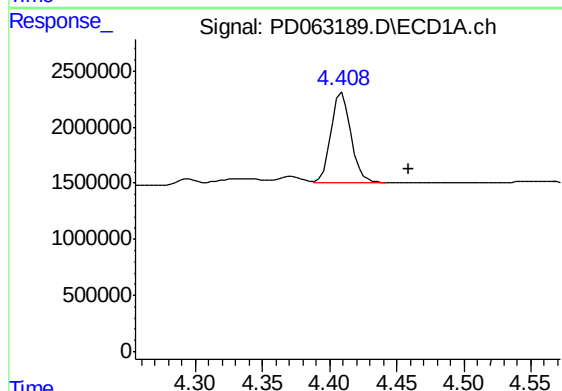
R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 16607779
Conc: 10.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM015



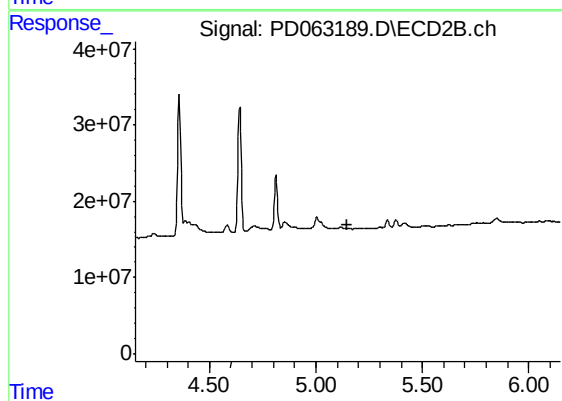
#3 gamma-BHC (Lindane)

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 171561250
Conc: 10.28 ng/ml



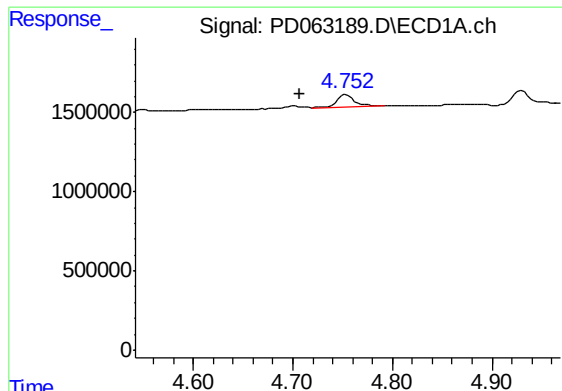
#4 Heptachlor

R.T.: 4.410 min
Delta R.T.: -0.049 min
Response: 8360615
Conc: 5.38 ng/ml



#4 Heptachlor

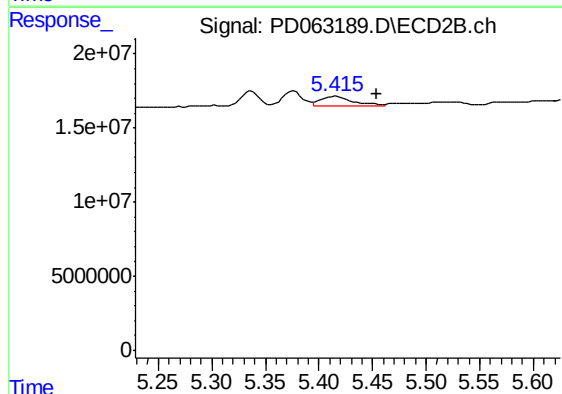
R.T.: 0.000 min
Exp R.T. : 5.149 min
Response: 0
Conc: N.D.



#5 Aldrin

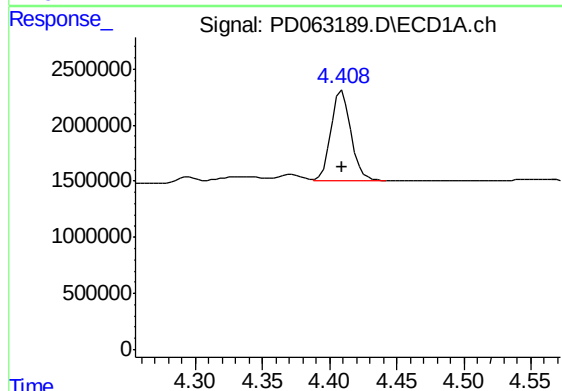
R.T.: 4.753 min
Delta R.T.: 0.046 min
Response: 980688
Conc: 0.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM015



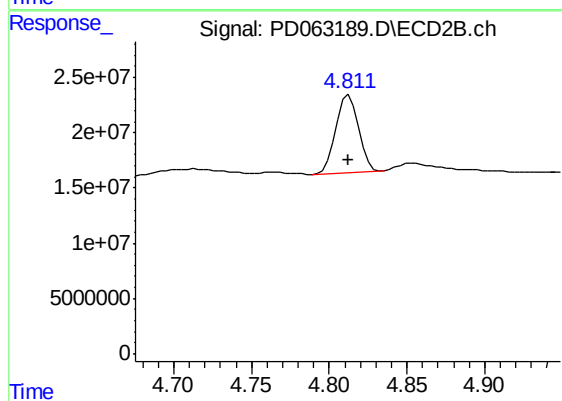
#5 Aldrin

R.T.: 5.416 min
Delta R.T.: -0.037 min
Response: 14467439
Conc: 0.90 ng/ml



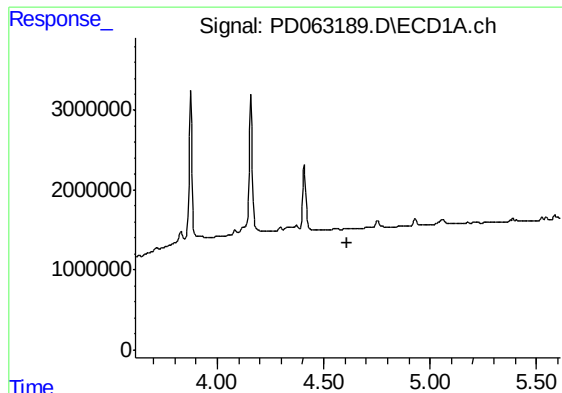
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 8360615
Conc: 11.38 ng/ml



#6 beta-BHC

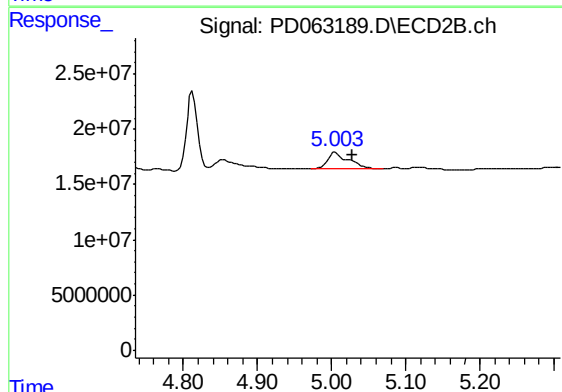
R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 72945590
Conc: 10.32 ng/ml



#7 delta-BHC

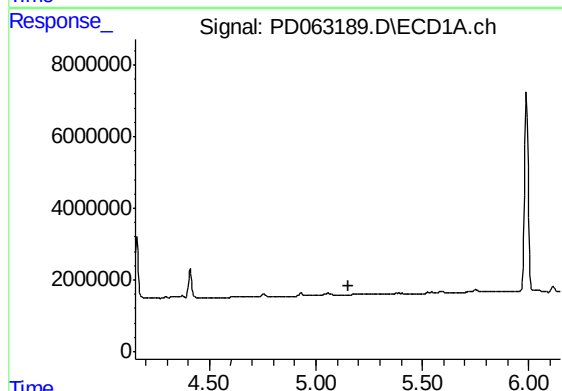
R.T.: 0.000 min
Exp R.T. : 4.613 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM015



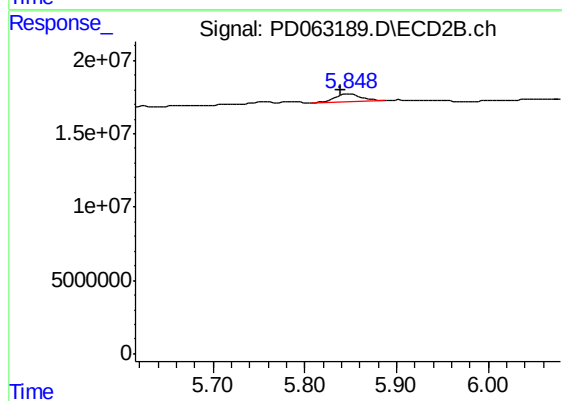
#7 delta-BHC

R.T.: 5.005 min
Delta R.T.: -0.023 min
Response: 28658169
Conc: 1.59 ng/ml



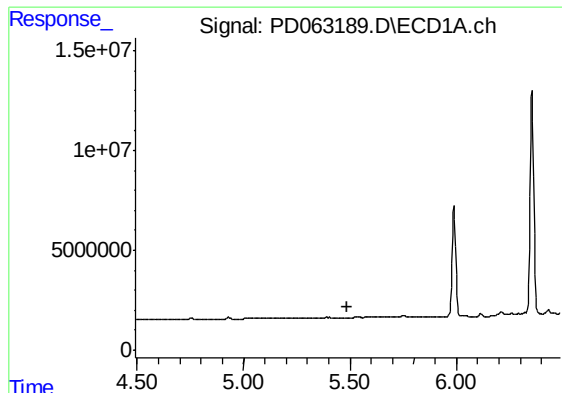
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.150 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

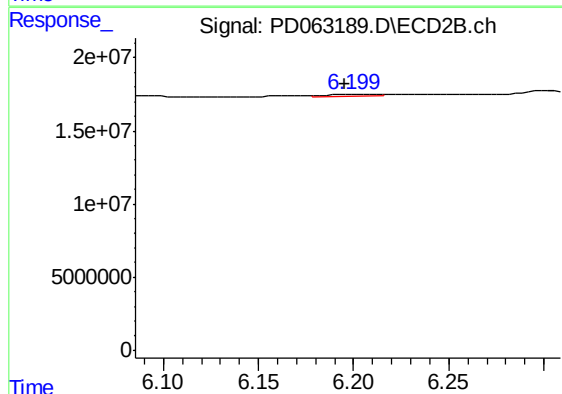
R.T.: 5.849 min
Delta R.T.: 0.009 min
Response: 11527527
Conc: 0.74 ng/ml



#9 Endosulfan I

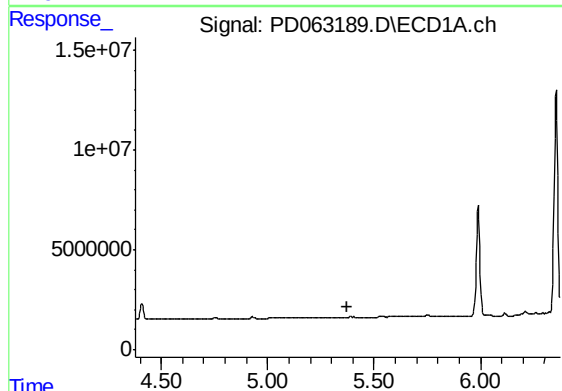
R.T.: 0.000 min
Exp R.T. : 5.489 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM015



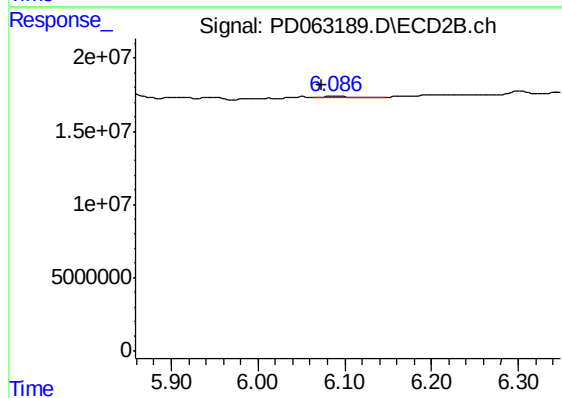
#9 Endosulfan I

R.T.: 6.200 min
Delta R.T.: 0.005 min
Response: 1640344
Conc: 0.11 ng/ml



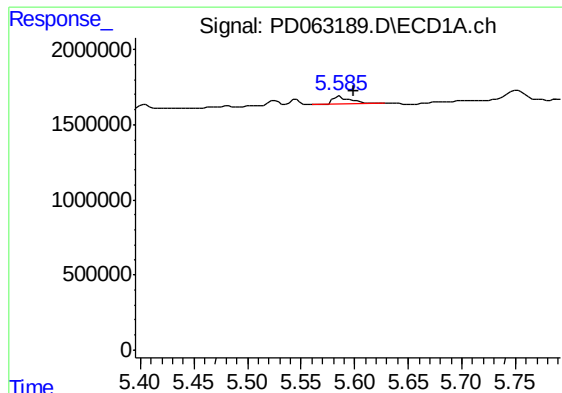
#10 trans-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.377 min
Response: 0
Conc: N.D.



#10 trans-Chlordane

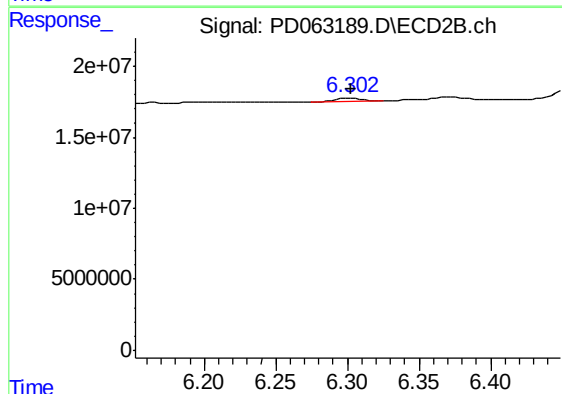
R.T.: 6.088 min
Delta R.T.: 0.015 min
Response: 1993196
Conc: 0.13 ng/ml



#12 4,4'-DDE

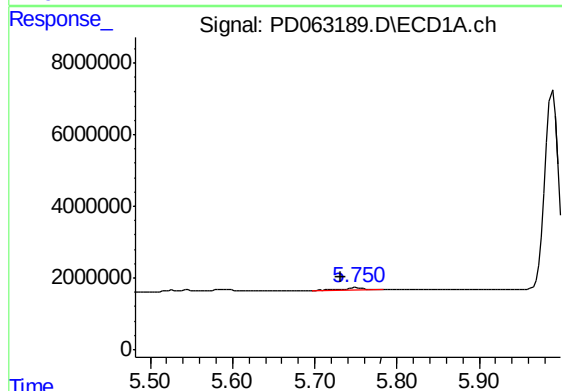
R.T.: 5.586 min
Delta R.T.: -0.012 min
Response: 639204
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM015



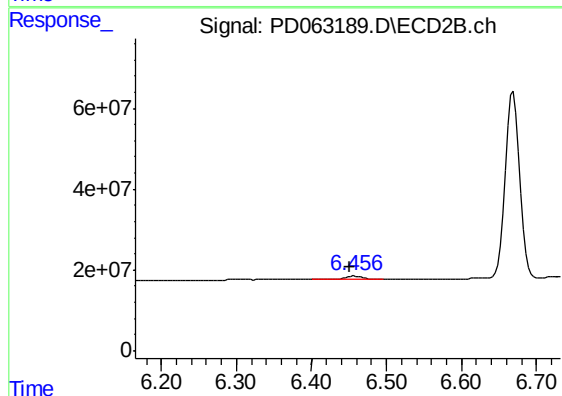
#12 4,4'-DDE

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 3221140
Conc: 0.21 ng/ml



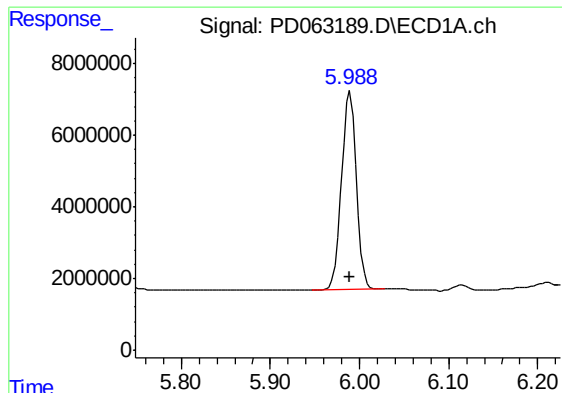
#13 Dieldrin

R.T.: 5.752 min
Delta R.T.: 0.020 min
Response: 902239
Conc: 0.60 ng/ml



#13 Dieldrin

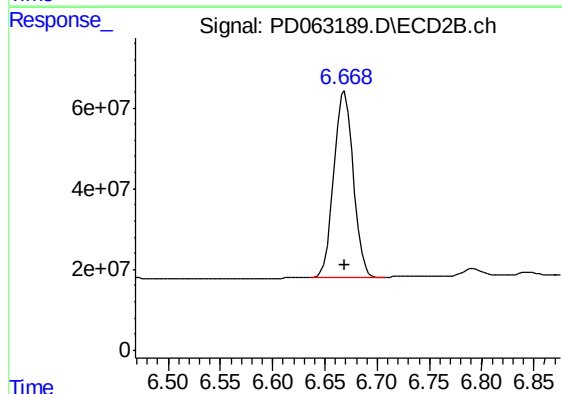
R.T.: 6.457 min
Delta R.T.: 0.005 min
Response: 13285316
Conc: 0.87 ng/ml



#14 Endrin

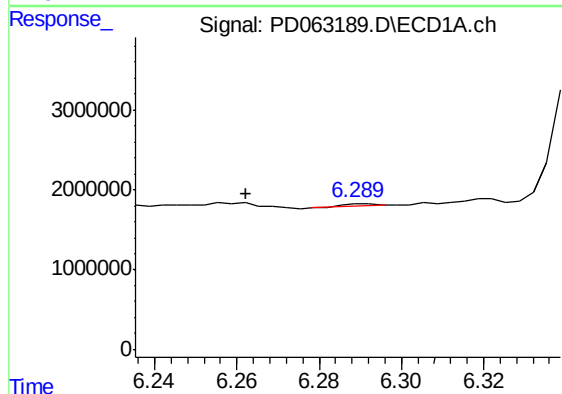
R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 64365948
Conc: 48.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM015



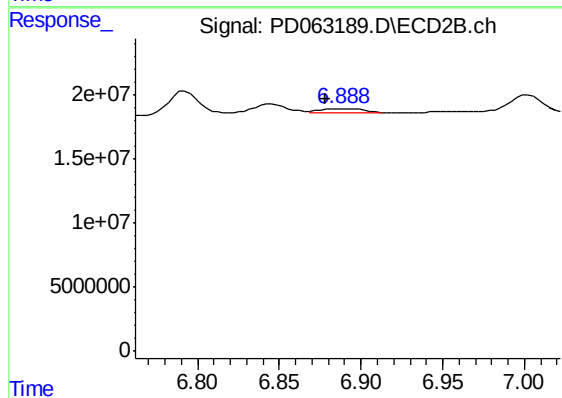
#14 Endrin

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 600849574
Conc: 47.36 ng/ml



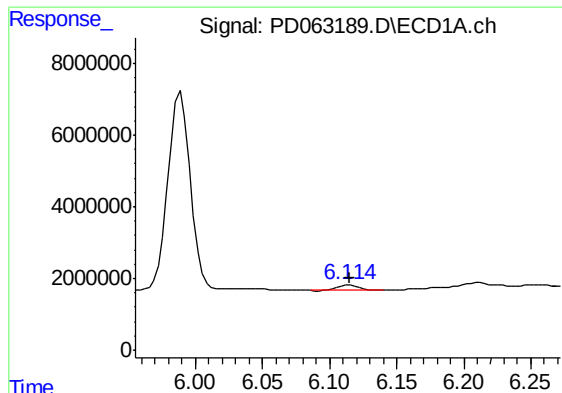
#15 Endosulfan II

R.T.: 6.291 min
Delta R.T.: 0.029 min
Response: 244481
Conc: 0.21 ng/ml



#15 Endosulfan II

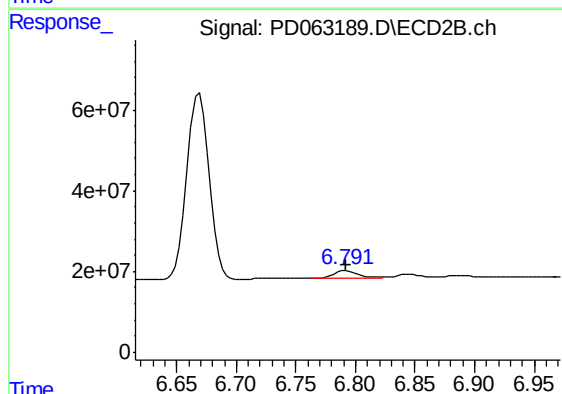
R.T.: 6.889 min
Delta R.T.: 0.011 min
Response: 6075459
Conc: 0.49 ng/ml



#16 4,4'-DDD

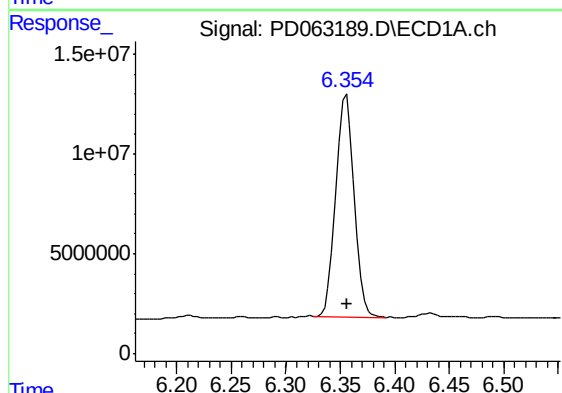
R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 1750758
Conc: 1.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM015



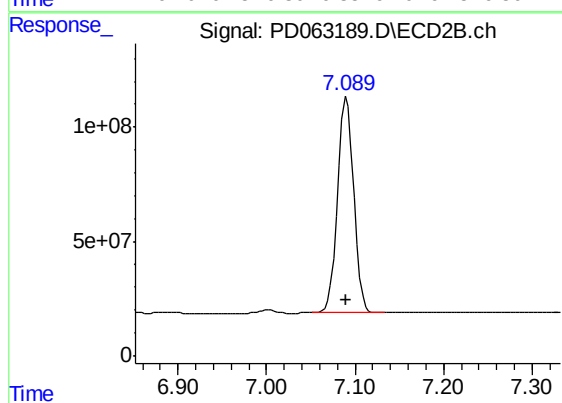
#16 4,4'-DDD

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 24187510
Conc: 2.00 ng/ml



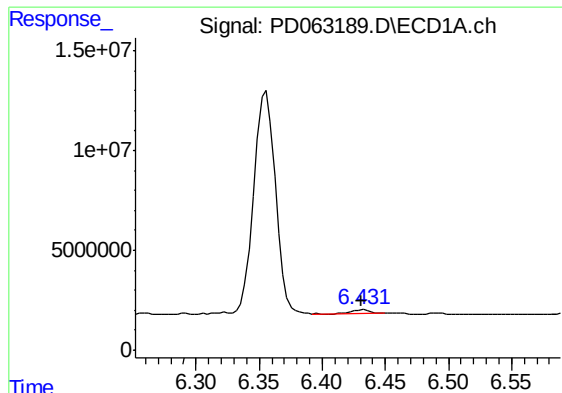
#17 4,4'-DDT

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 130954289
Conc: 108.60 ng/ml



#17 4,4'-DDT

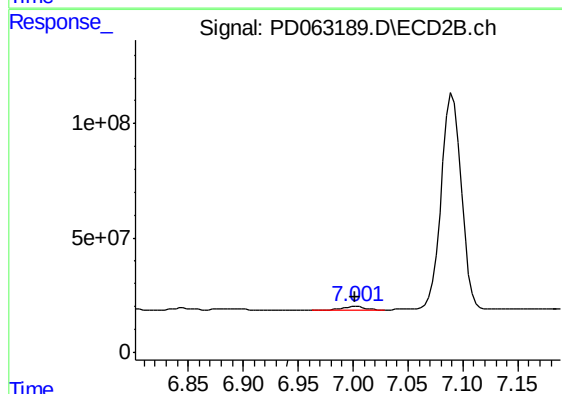
R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 1200757668
Conc: 99.30 ng/ml



#18 Endrin aldehyde

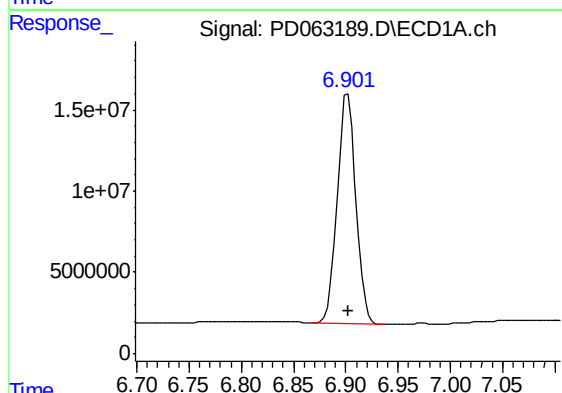
R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 1919030
Conc: 1.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM015



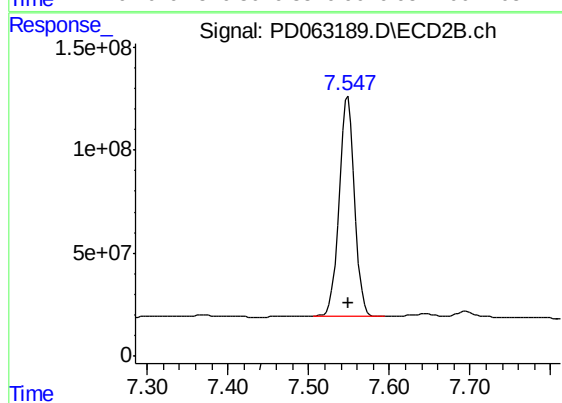
#18 Endrin aldehyde

R.T.: 7.003 min
Delta R.T.: 0.000 min
Response: 18450615
Conc: 1.75 ng/ml



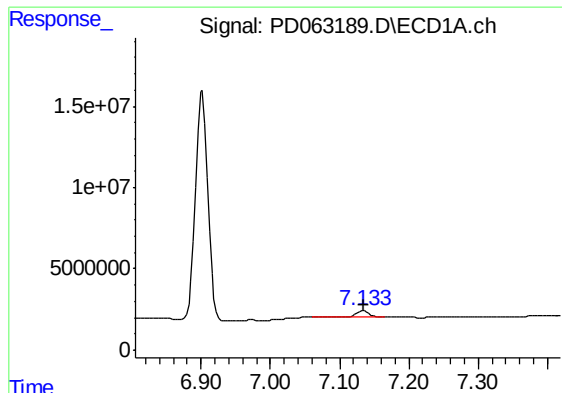
#20 Methoxychlor

R.T.: 6.902 min
Delta R.T.: -0.001 min
Response: 176062443
Conc: 252.54 ng/ml



#20 Methoxychlor

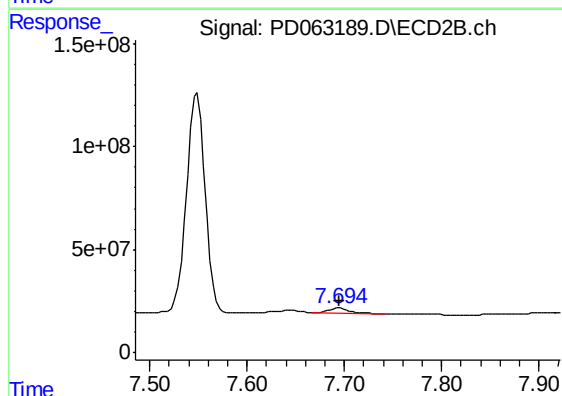
R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 1433869134
Conc: 251.09 ng/ml



#21 Endrin ketone

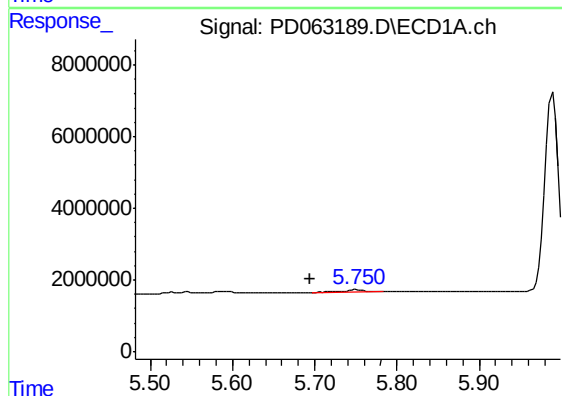
R.T.: 7.135 min
Delta R.T.: -0.001 min
Response: 5165480
Conc: 3.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM015



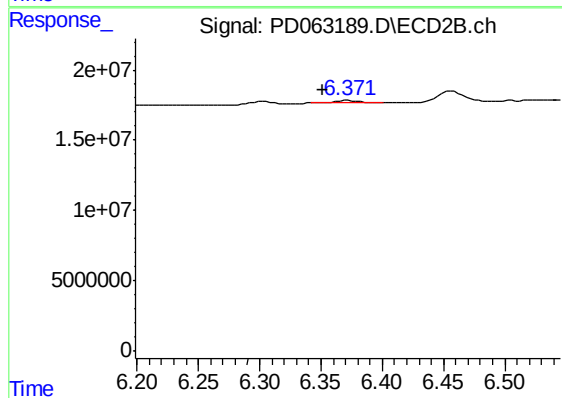
#21 Endrin ketone

R.T.: 7.695 min
Delta R.T.: 0.000 min
Response: 33789590
Conc: 2.92 ng/ml



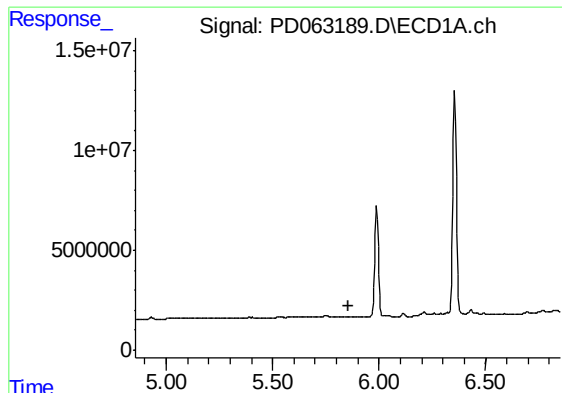
#22 Toxaphene-1

R.T.: 5.752 min
Delta R.T.: 0.058 min
Response: 902239
Conc: 101.92 ng/ml



#22 Toxaphene-1

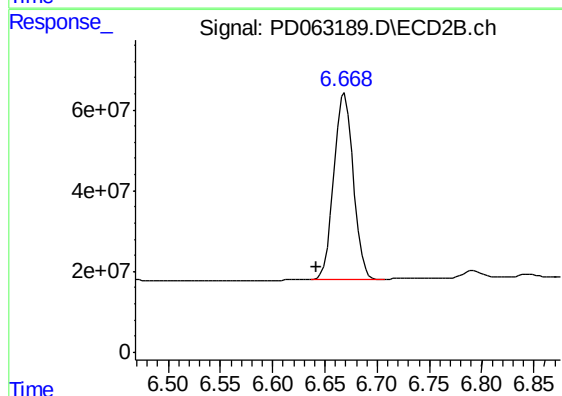
R.T.: 6.373 min
Delta R.T.: 0.021 min
Response: 2690637
Conc: 42.25 ng/ml



#23 Toxaphene-2

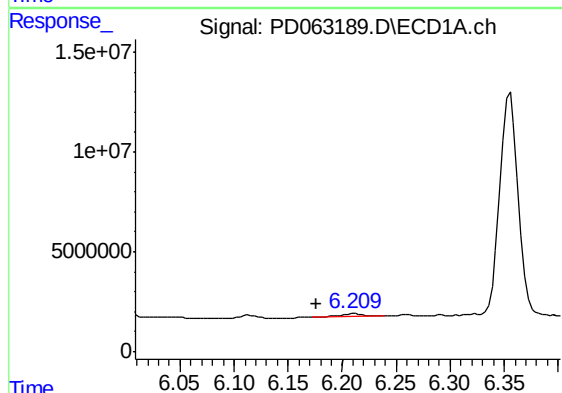
R.T.: 0.000 min
Exp R.T.: 5.855 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM015



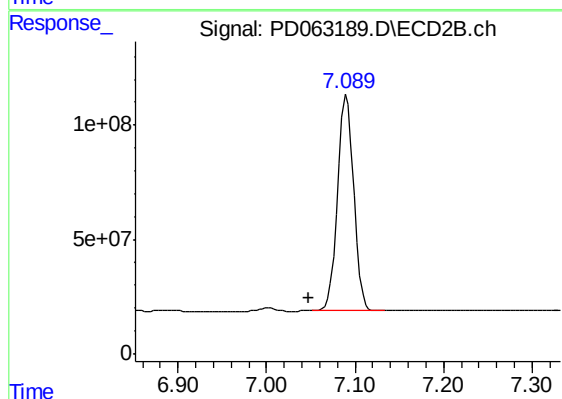
#23 Toxaphene-2

R.T.: 6.669 min
Delta R.T.: 0.027 min
Response: 600849574
Conc: 7574.00 ng/ml



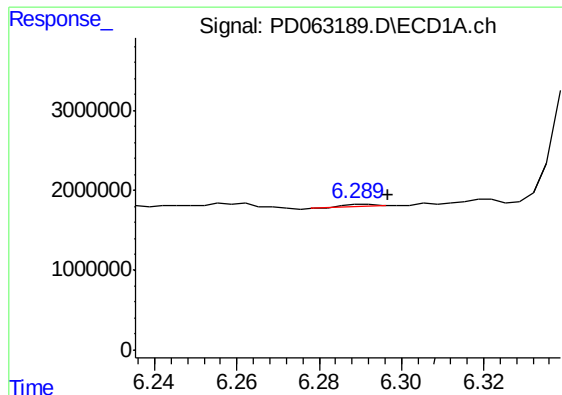
#24 Toxaphene-3

R.T.: 6.211 min
Delta R.T.: 0.035 min
Response: 1675472
Conc: 175.34 ng/ml



#24 Toxaphene-3

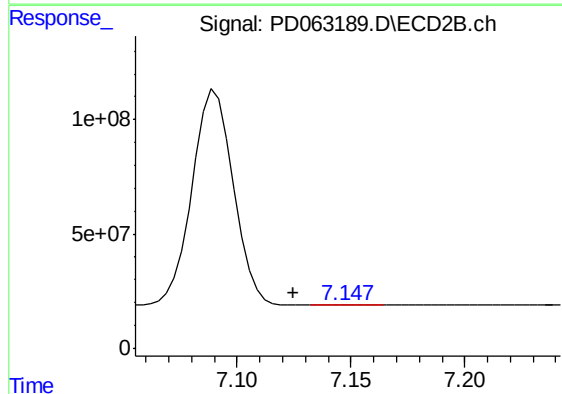
R.T.: 7.091 min
Delta R.T.: 0.042 min
Response: 1200757668
Conc: 10742.30 ng/ml



#25 Toxaphene-4

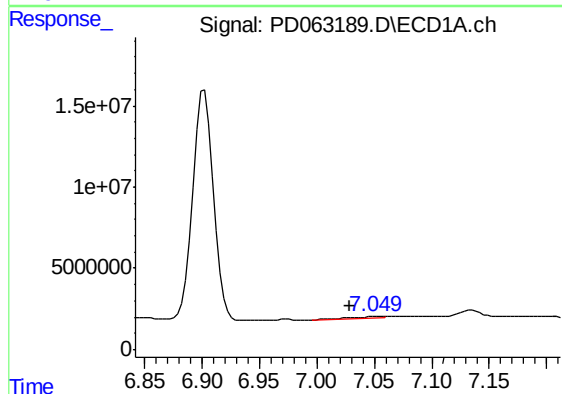
R.T.: 6.291 min
Delta R.T.: -0.005 min
Response: 244481
Conc: 10.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM015



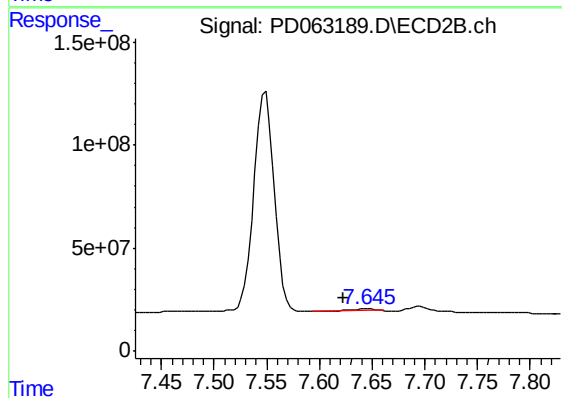
#25 Toxaphene-4

R.T.: 7.149 min
Delta R.T.: 0.024 min
Response: 383850
Conc: 1.27 ng/ml



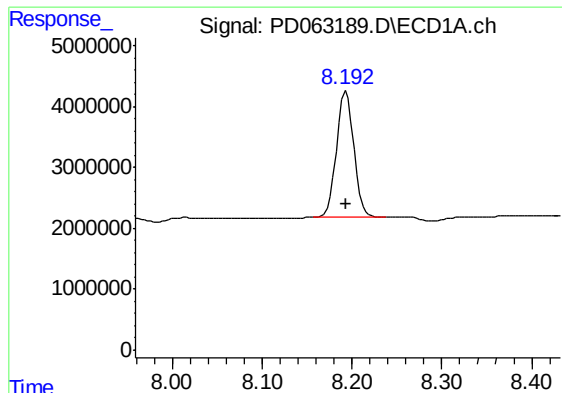
#26 Toxaphene-5

R.T.: 7.051 min
Delta R.T.: 0.023 min
Response: 1461322
Conc: 55.50 ng/ml



#26 Toxaphene-5

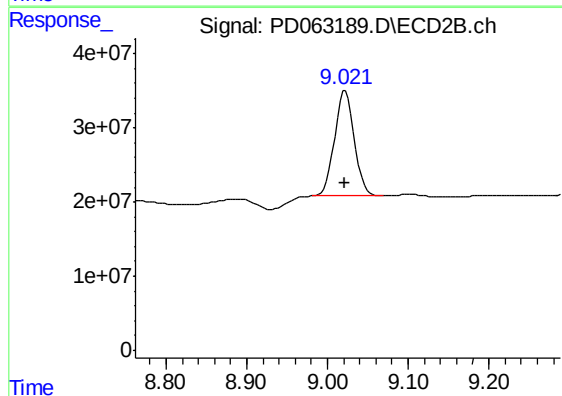
R.T.: 7.646 min
Delta R.T.: 0.023 min
Response: 12294625
Conc: 93.76 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 27782078
Conc: 21.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM015



#27 Decachlorobiphenyl

R.T.: 9.022 min
Delta R.T.: 0.000 min
Response: 241328975
Conc: 21.76 ng/ml