

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF062623AL\
 Data File : FF013023.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 07:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 27 07:53:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 13:45:06 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	10.869	2809245	19.039 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
12) S 1-chlorooctadecane (S...	12.302	1981127	18.699 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
Target Compounds			
1) T n-Nonane (C9)	2.739	2646053	22.417 ug/ml
2) T n-Decane (C10)	3.745	2667538	22.395 ug/ml
3) T A~Naphthalene (C11.7)	5.310	2683127	21.818 ug/ml
4) T n-Dodecane (C12)	5.728	2657510	22.024 ug/ml
5) T A~2-methylnaphthalene...	6.359	2404553	21.581 ug/ml
6) T n-Tetradecane (C14)	7.516	2523488	21.527 ug/ml
7) T n-Hexadecane (C16)	9.112	2521586	20.667 ug/ml
8) T n-Octadecane (C18)	10.550	2491637	19.598 ug/ml
10) T n-Eicosane (C20)	11.857	2356485	18.886 ug/ml
11) T n-Heneicosane (C21)	12.467	2308008	18.824 ug/ml
13) T n-Docosane (C22)	13.052	2257558	18.427 ug/ml
14) T n-Tetracosane (C24)	14.153	2265490	18.458 ug/ml
15) T n-Hexacosane (C26)	15.172	2233012	18.562 ug/ml
16) T n-Octacosane (C28)	16.119	2177246	18.515 ug/ml
17) T n-Tricontane (C30)	17.004	2258464	18.964 ug/ml
18) T n-Dotriacontane (C32)	17.834	2277387	19.476 ug/ml
19) T n-Tetratriacontane (C34)	18.618	2313516	20.837 ug/ml
20) T n-Hexatriacontane (C36)	19.356	2761940	26.055 ug/ml
21) T n-Octatriacontane (C38)	20.078	4432750	42.421 ug/ml
22) T n-Tetracontane (C40)	20.958	2145335	22.144 ug/ml

(f)=RT Delta > 1/2 Window

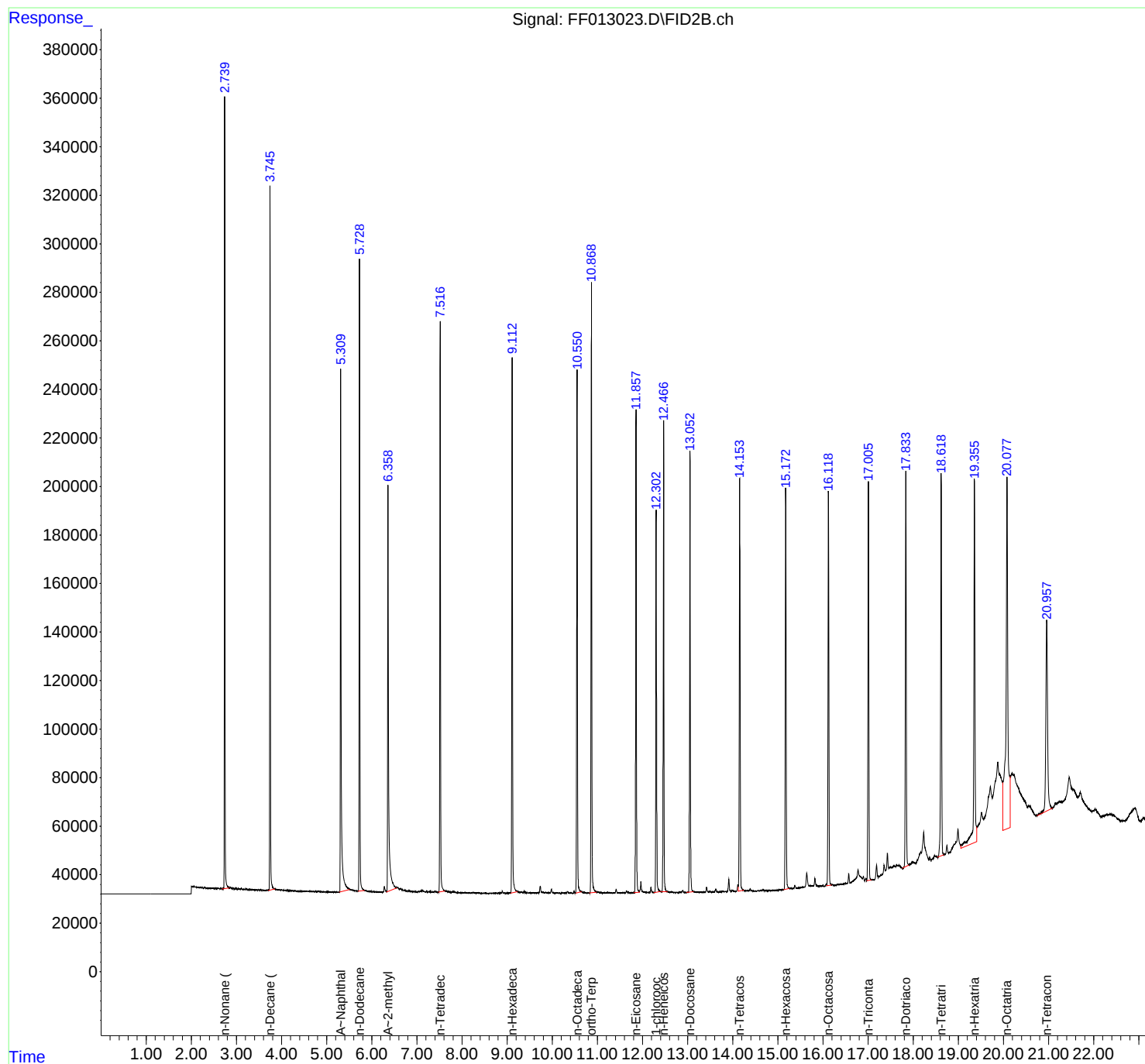
(m)=manual int.

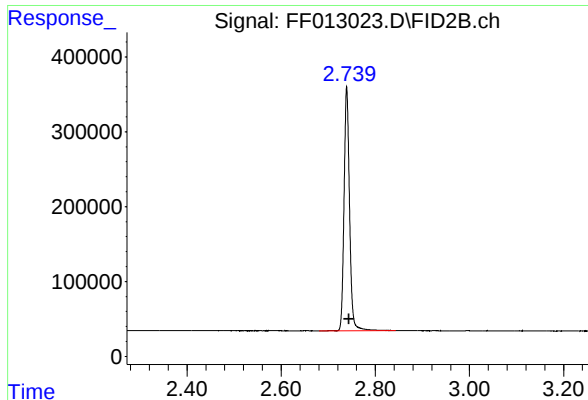
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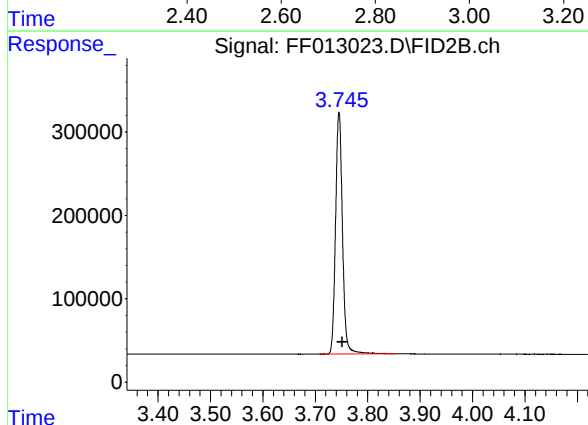




#1 n-Nonane (C9)

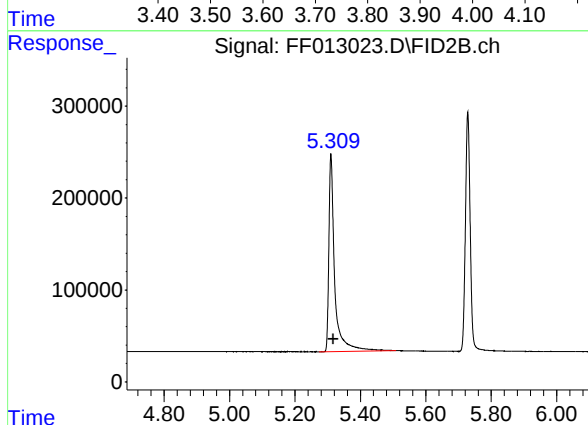
R.T.: 2.739 min
Delta R.T.: -0.005 min
Response: 2646053
Conc: 22.42 ug/ml

Instrument :
FID_F
ClientSampleId :



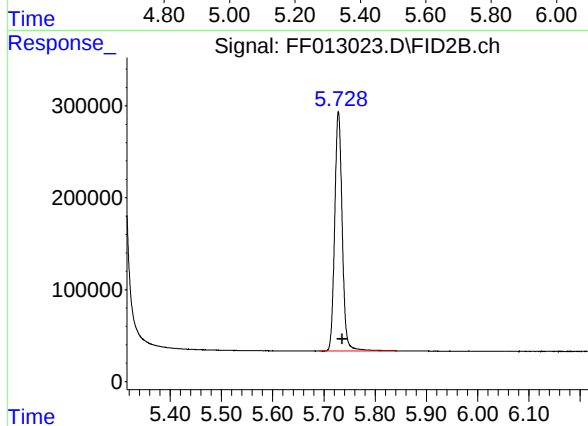
#2 n-Decane (C10)

R.T.: 3.745 min
Delta R.T.: -0.007 min
Response: 2667538
Conc: 22.40 ug/ml



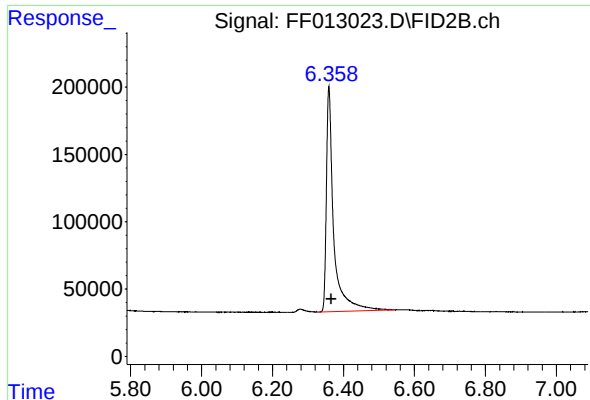
#3 A~Naphthalene (C11.7)

R.T.: 5.310 min
Delta R.T.: -0.007 min
Response: 2683127
Conc: 21.82 ug/ml



#4 n-Dodecane (C12)

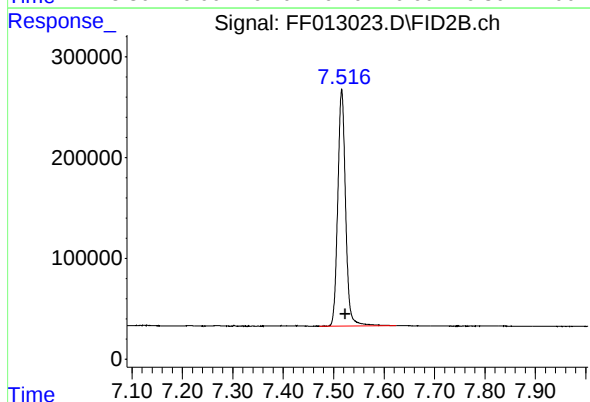
R.T.: 5.728 min
Delta R.T.: -0.008 min
Response: 2657510
Conc: 22.02 ug/ml



#5 A~2-methylnaphthalene (C12.89)

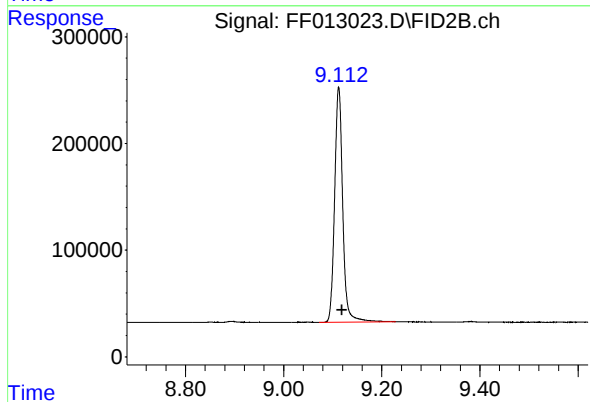
R.T.: 6.359 min
Delta R.T.: -0.007 min
Response: 2404553
Conc: 21.58 ug/ml

Instrument :
FID_F
ClientSampleId :



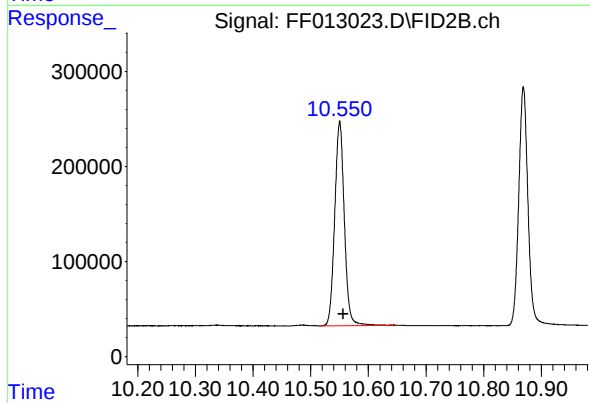
#6 n-Tetradecane (C14)

R.T.: 7.516 min
Delta R.T.: -0.007 min
Response: 2523488
Conc: 21.53 ug/ml



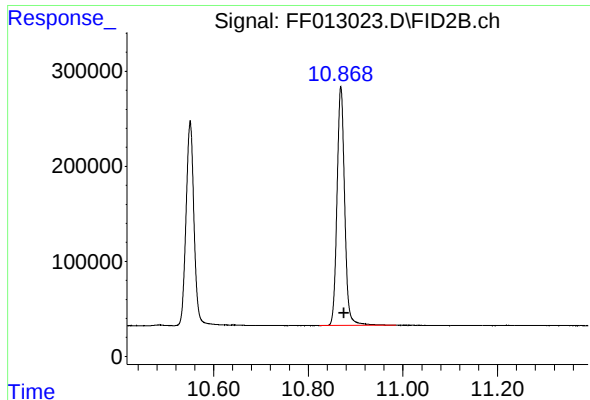
#7 n-Hexadecane (C16)

R.T.: 9.112 min
Delta R.T.: -0.007 min
Response: 2521586
Conc: 20.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.550 min
Delta R.T.: -0.006 min
Response: 2491637
Conc: 19.60 ug/ml



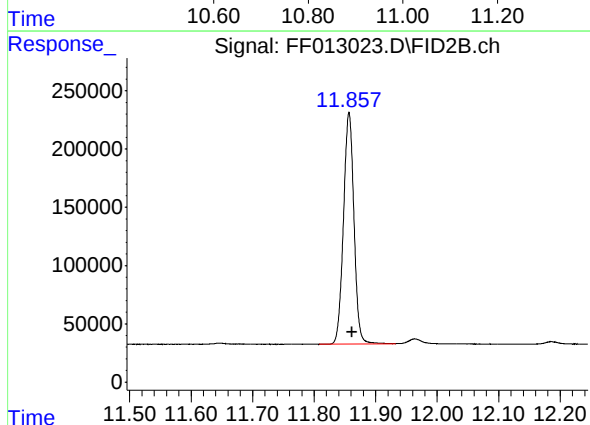
#9 ortho-Terphenyl (SURR)

R.T.: 10.869 min
Delta R.T.: -0.007 min
Response: 2809245
Conc: 19.04 ug/ml

Instrument :

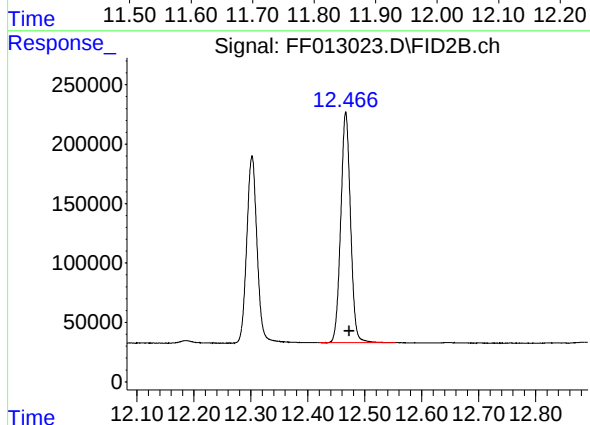
FID_F

ClientSampleId :



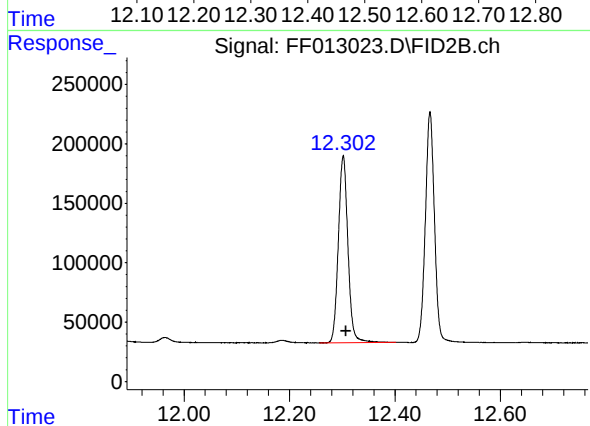
#10 n-Eicosane (C20)

R.T.: 11.857 min
Delta R.T.: -0.005 min
Response: 2356485
Conc: 18.89 ug/ml



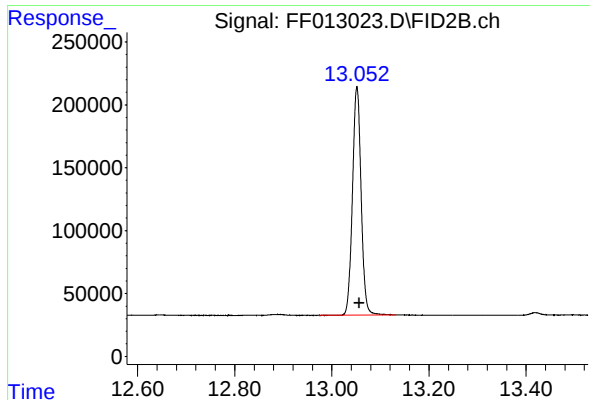
#11 n-Heneicosane (C21)

R.T.: 12.467 min
Delta R.T.: -0.006 min
Response: 2308008
Conc: 18.82 ug/ml



#12 1-chlorooctadecane (SURR)

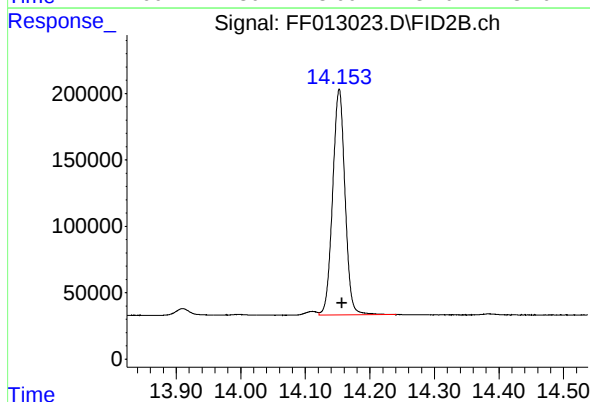
R.T.: 12.302 min
Delta R.T.: -0.005 min
Response: 1981127
Conc: 18.70 ug/ml



#13 n-Docosane (C22)

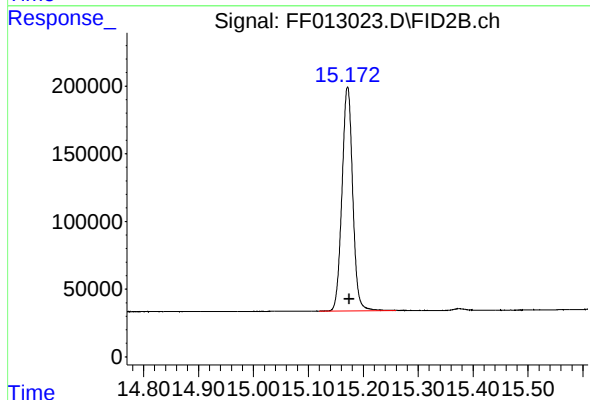
R.T.: 13.052 min
Delta R.T.: -0.005 min
Response: 2257558
Conc: 18.43 ug/ml

Instrument :
FID_F
ClientSampleId :



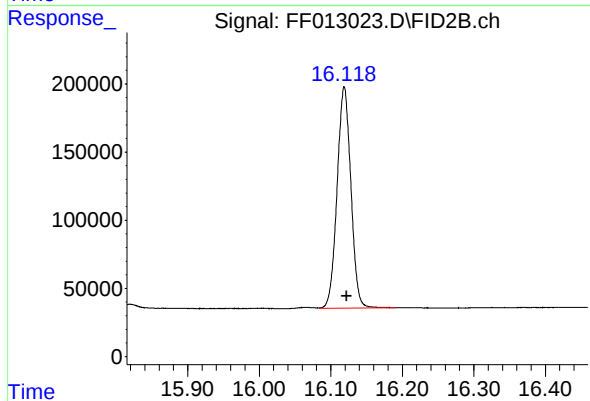
#14 n-Tetracosane (C24)

R.T.: 14.153 min
Delta R.T.: -0.005 min
Response: 2265490
Conc: 18.46 ug/ml



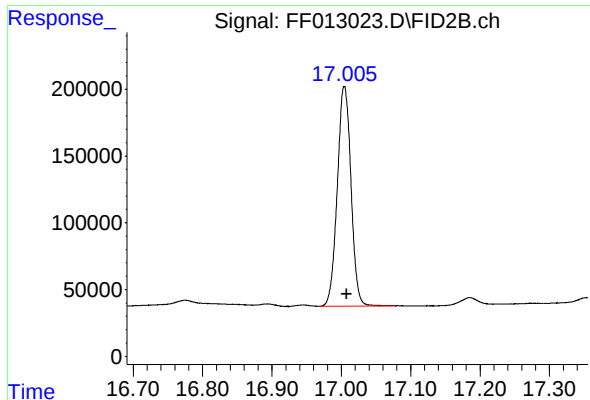
#15 n-Hexacosane (C26)

R.T.: 15.172 min
Delta R.T.: -0.003 min
Response: 2233012
Conc: 18.56 ug/ml



#16 n-Octacosane (C28)

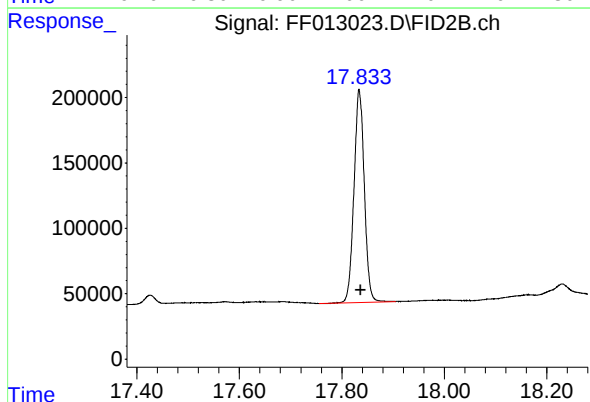
R.T.: 16.119 min
Delta R.T.: -0.003 min
Response: 2177246
Conc: 18.52 ug/ml



#17 n-Tricontane (C30)

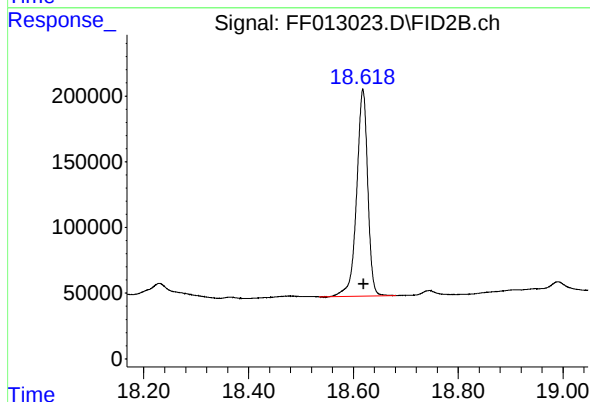
R.T.: 17.004 min
Delta R.T.: -0.003 min
Response: 2258464
Conc: 18.96 ug/ml

Instrument :
FID_F
ClientSampleId :



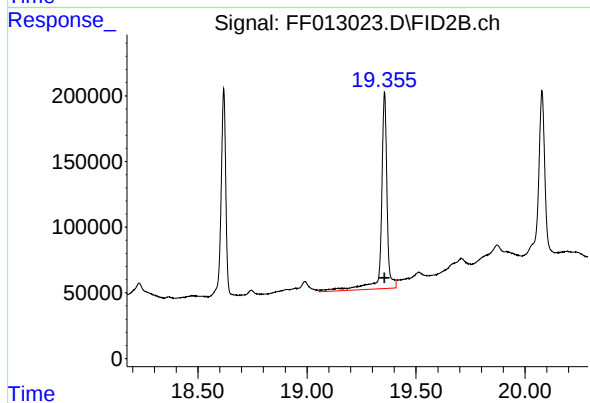
#18 n-Dotriacontane (C32)

R.T.: 17.834 min
Delta R.T.: -0.003 min
Response: 2277387
Conc: 19.48 ug/ml



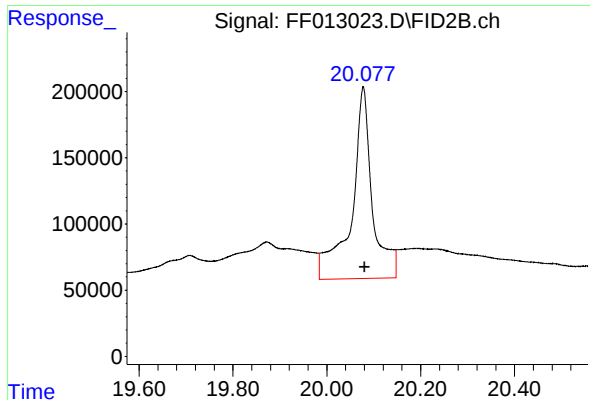
#19 n-Tetratriacontane (C34)

R.T.: 18.618 min
Delta R.T.: 0.000 min
Response: 2313516
Conc: 20.84 ug/ml



#20 n-Hexatriacontane (C36)

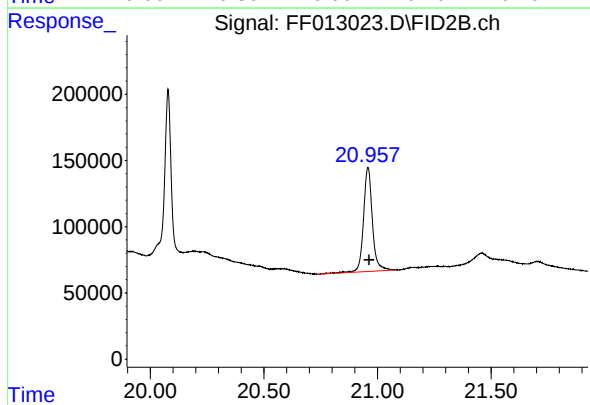
R.T.: 19.356 min
Delta R.T.: -0.001 min
Response: 2761940
Conc: 26.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.078 min
Delta R.T.: -0.003 min
Response: 4432750
Conc: 42.42 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.958 min
Delta R.T.: -0.006 min
Response: 2145335
Conc: 22.14 ug/ml