

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062722AL\
 Data File : FC060481.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2022 07:34
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Jun 28 08:00:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 2022
 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)	10.639	3719360	20.296 ug/ml
Spiked Amount 50.000		Recovery =	40.59%
12) S 1-chlorooctadecane (S...	12.004	2941814	19.959 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
Target Compounds			
1) T n-Nonane (C9)	2.630	3090200	20.145 ug/ml
2) T n-Decane (C10)	3.625	3115786	20.402 ug/ml
3) T A~Naphthalene (C11.7)	5.164	3455538	20.668 ug/ml
4) T n-Dodecane (C12)	5.574	3308640	20.473 ug/ml
5) T A~2-methylnaphthalene...	6.188	3573360	21.021 ug/ml
6) T n-Tetradecane (C14)	7.323	3367458	20.384 ug/ml
7) T n-Hexadecane (C16)	8.885	3443327	20.374 ug/ml
8) T n-Octadecane (C18)	10.291	3496204	20.322 ug/ml
10) T n-Eicosane (C20)	11.569	3432547	20.112 ug/ml
11) T n-Heneicosane (C21)	12.166	3522666	20.661 ug/ml
13) T n-Docosane (C22)	12.738	3475101	20.386 ug/ml
14) T n-Tetracosane (C24)	13.814	3436559	20.468 ug/ml
15) T n-Hexacosane (C26)	14.811	3353048	20.405 ug/ml
16) T n-Octacosane (C28)	15.738	3271467	20.617 ug/ml
17) T n-Tricontane (C30)	16.604	3269318	21.477 ug/ml
18) T n-Dotriacontane (C32)	17.416	3340036	22.977 ug/ml
19) T n-Tetratriacontane (C34)	18.180	3165822	24.926 ug/ml
20) T n-Hexatriacontane (C36)	18.901	3977090	35.437 ug/ml
21) T n-Octatriacontane (C38)	19.581	4010276	36.635 ug/ml
22) T n-Tetracontane (C40)	20.229	8181330	72.440 ug/ml

(f)=RT Delta > 1/2 Window

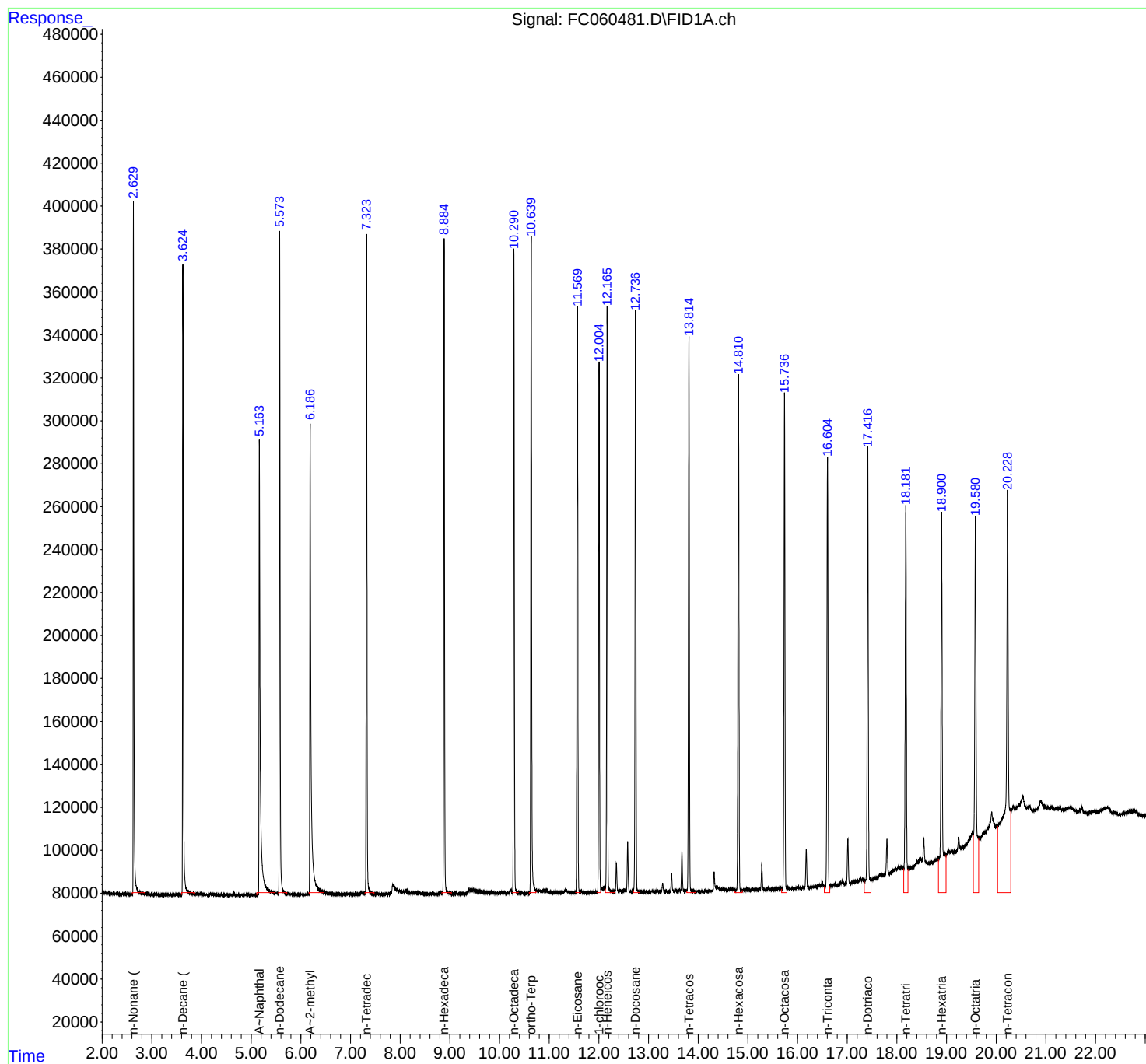
(m)=manual int.

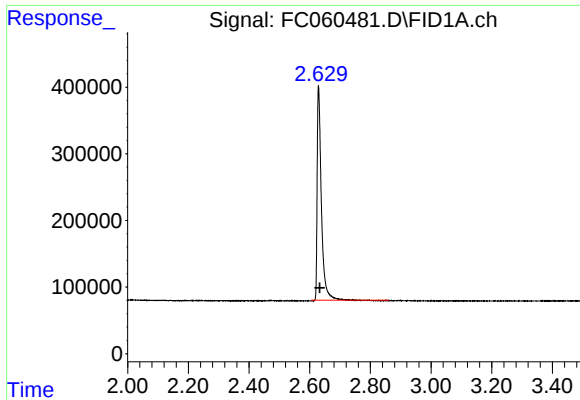
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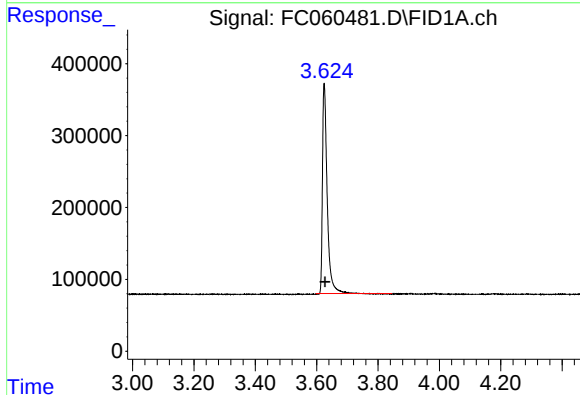




#1 n-Nonane (C9)

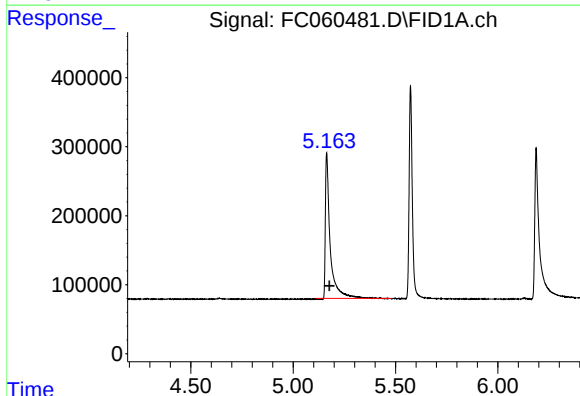
R.T.: 2.630 min
Delta R.T.: -0.003 min
Response: 3090200
Conc: 20.15 ug/ml

Instrument :
FID_C
ClientSampleId :



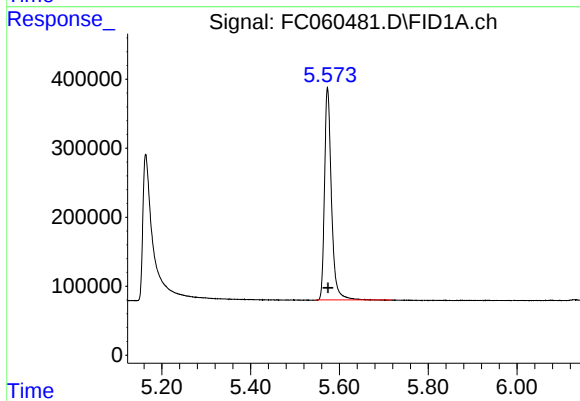
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 3115786
Conc: 20.40 ug/ml



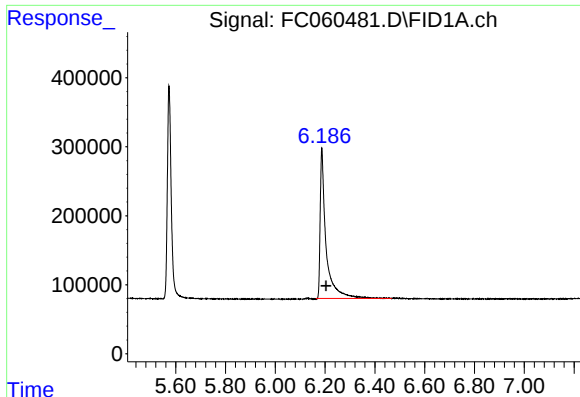
#3 A~Naphthalene (C11.7)

R.T.: 5.164 min
Delta R.T.: -0.012 min
Response: 3455538
Conc: 20.67 ug/ml



#4 n-Dodecane (C12)

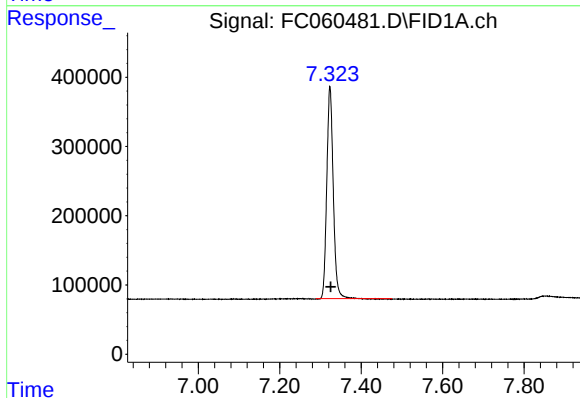
R.T.: 5.574 min
Delta R.T.: 0.000 min
Response: 3308640
Conc: 20.47 ug/ml



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

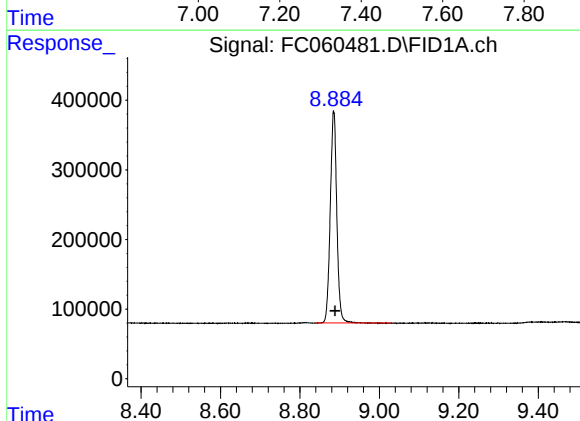
R.T.: 6.188 min
Delta R.T.: -0.016 min
Response: 3573360
Conc: 21.02 ug/ml

Instrument :
FID_C
ClientSampleId :



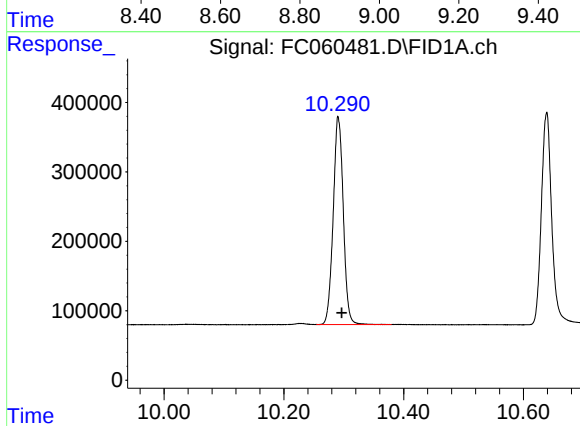
#6 n-Tetradecane (C14)

R.T.: 7.323 min
Delta R.T.: -0.002 min
Response: 3367458
Conc: 20.38 ug/ml



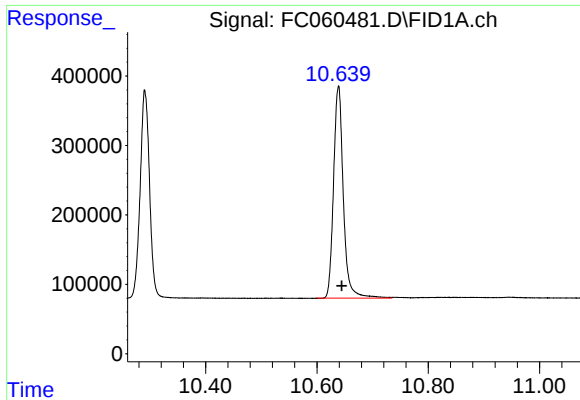
#7 n-Hexadecane (C16)

R.T.: 8.885 min
Delta R.T.: -0.004 min
Response: 3443327
Conc: 20.37 ug/ml



#8 n-Octadecane (C18)

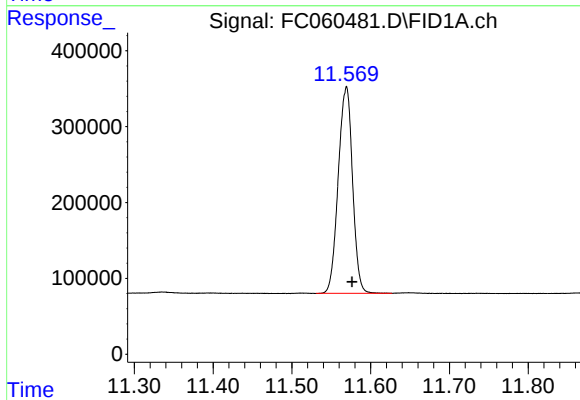
R.T.: 10.291 min
Delta R.T.: -0.005 min
Response: 3496204
Conc: 20.32 ug/ml



#9 ortho-Terphenyl (SURR)

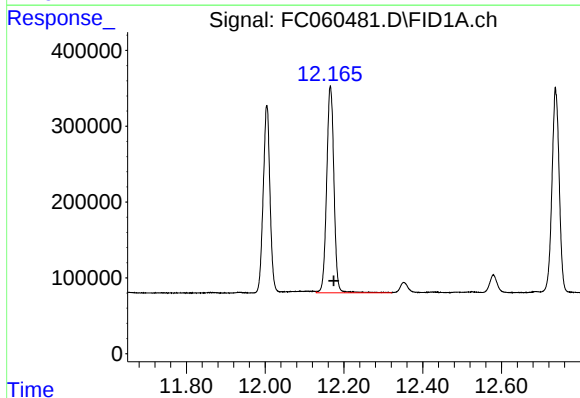
R.T.: 10.639 min
Delta R.T.: -0.006 min
Response: 3719360
Conc: 20.30 ug/ml

Instrument :
FID_C
ClientSampleId :



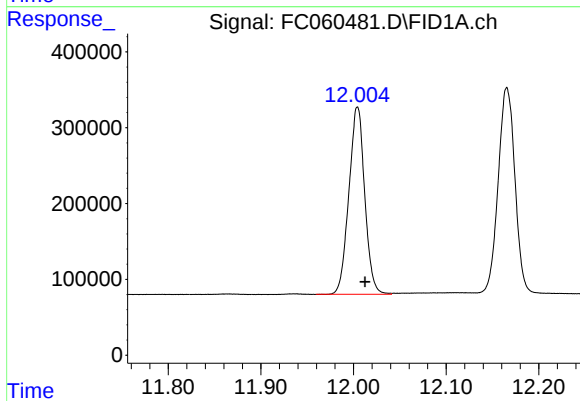
#10 n-Eicosane (C20)

R.T.: 11.569 min
Delta R.T.: -0.007 min
Response: 3432547
Conc: 20.11 ug/ml



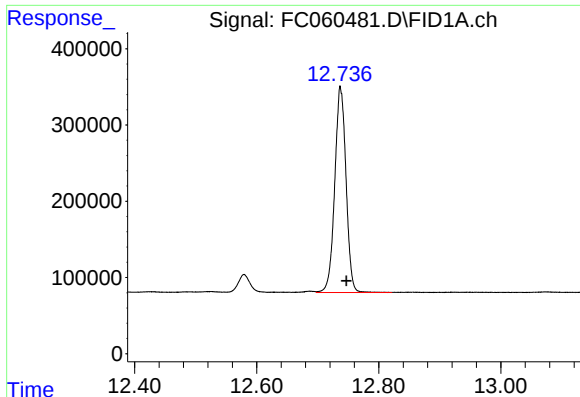
#11 n-Heneicosane (C21)

R.T.: 12.166 min
Delta R.T.: -0.008 min
Response: 3522666
Conc: 20.66 ug/ml



#12 1-chlorooctadecane (SURR)

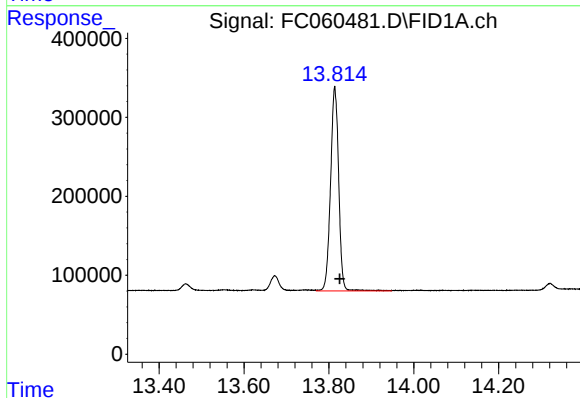
R.T.: 12.004 min
Delta R.T.: -0.008 min
Response: 2941814
Conc: 19.96 ug/ml



#13 n-Docosane (C22)

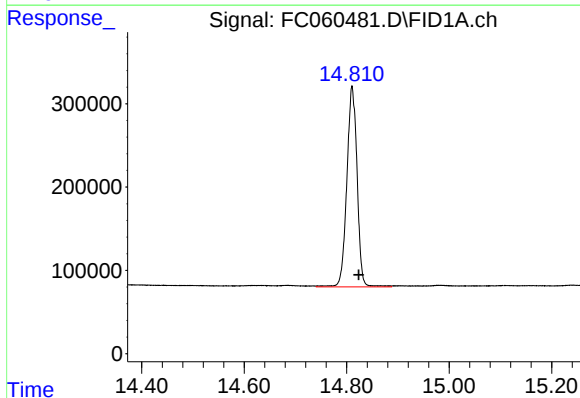
R.T.: 12.738 min
Delta R.T.: -0.010 min
Response: 3475101
Conc: 20.39 ug/ml

Instrument :
FID_C
ClientSampleId :



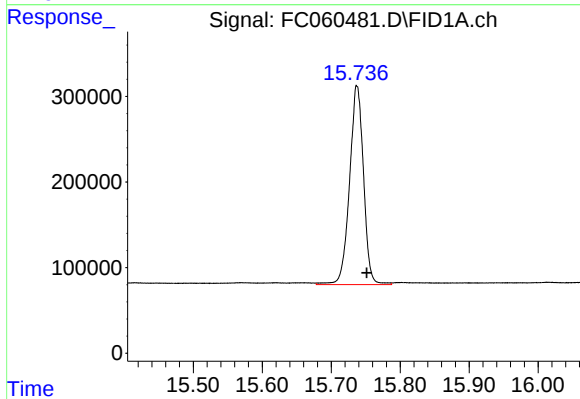
#14 n-Tetracosane (C24)

R.T.: 13.814 min
Delta R.T.: -0.011 min
Response: 3436559
Conc: 20.47 ug/ml



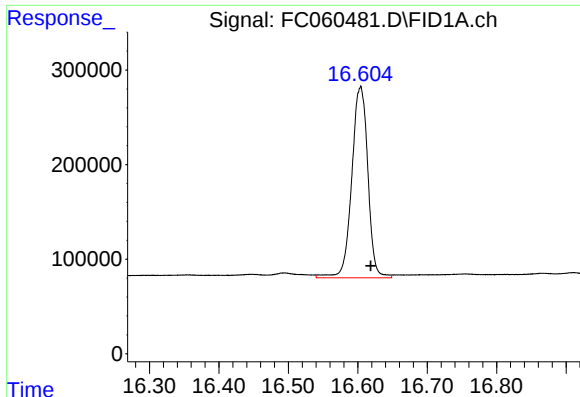
#15 n-Hexacosane (C26)

R.T.: 14.811 min
Delta R.T.: -0.013 min
Response: 3353048
Conc: 20.40 ug/ml



#16 n-Octacosane (C28)

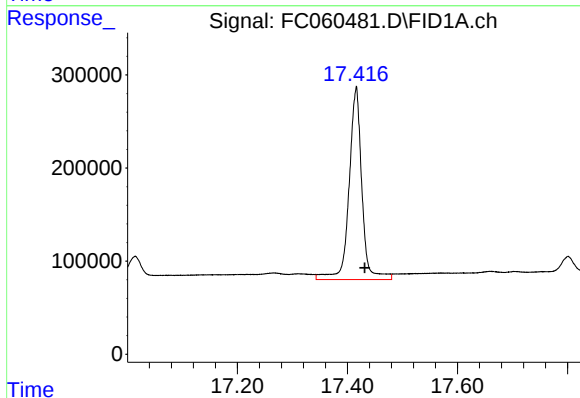
R.T.: 15.738 min
Delta R.T.: -0.014 min
Response: 3271467
Conc: 20.62 ug/ml



#17 n-Tricontane (C30)

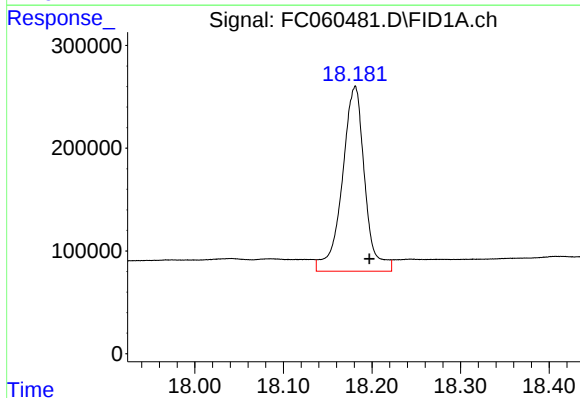
R.T.: 16.604 min
Delta R.T.: -0.015 min
Response: 3269318
Conc: 21.48 ug/ml

Instrument :
FID_C
ClientSampleId :



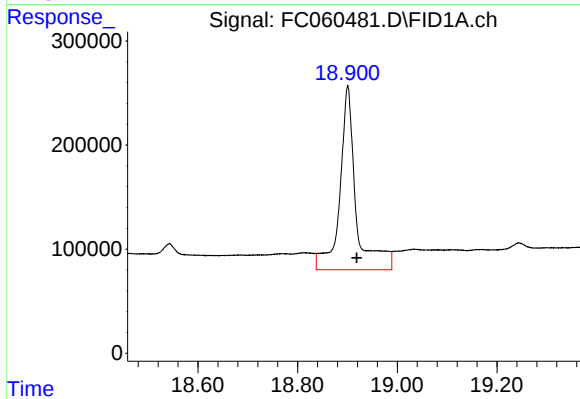
#18 n-Dotriacontane (C32)

R.T.: 17.416 min
Delta R.T.: -0.016 min
Response: 3340036
Conc: 22.98 ug/ml



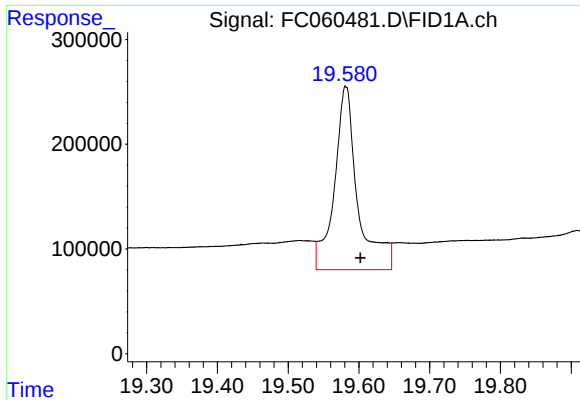
#19 n-Tetratriacontane (C34)

R.T.: 18.180 min
Delta R.T.: -0.017 min
Response: 3165822
Conc: 24.93 ug/ml



#20 n-Hexatriacontane (C36)

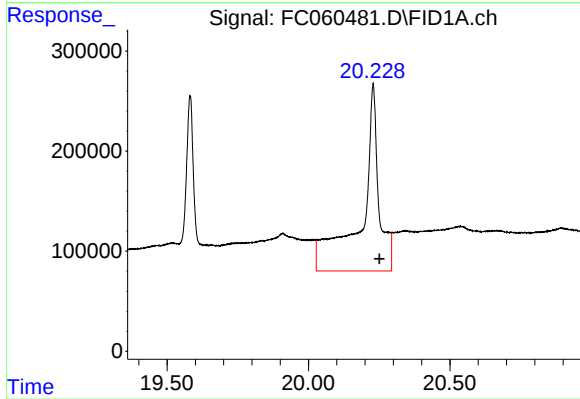
R.T.: 18.901 min
Delta R.T.: -0.018 min
Response: 3977090
Conc: 35.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.581 min
Delta R.T.: -0.021 min
Response: 4010276
Conc: 36.63 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.229 min
Delta R.T.: -0.023 min
Response: 8181330
Conc: 72.44 ug/ml