

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081722AL\
 Data File : FC061160.D
 Signal(s) : FID1A.ch
 Acq On : 17 Aug 2022 09:39
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 17 10:52:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 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)	10.632	2810279	17.124 ug/ml
Spiked Amount 50.000		Recovery =	34.25%
12) S 1-chlorooctadecane (S...	11.993	2270735	17.105 ug/ml
Spiked Amount 50.000		Recovery =	34.21%
Target Compounds			
1) T n-Nonane (C9)	2.636	2523199	17.915 ug/ml
2) T n-Decane (C10)	3.629	2557254	18.128 ug/ml
3) T A~Naphthalene (C11.7)	5.182	2642341	18.589 ug/ml
4) T n-Dodecane (C12)	5.571	2718059	18.339 ug/ml
5) T A~2-methylnaphthalene...	6.209	2557398	18.647 ug/ml
6) T n-Tetradecane (C14)	7.317	2738488	18.240 ug/ml
7) T n-Hexadecane (C16)	8.876	2779932	18.165 ug/ml
8) T n-Octadecane (C18)	10.280	2798503	17.921 ug/ml
10) T n-Eicosane (C20)	11.556	2765227	17.621 ug/ml
11) T n-Heneicosane (C21)	12.152	2724649	17.413 ug/ml
13) T n-Docosane (C22)	12.724	2694430	17.281 ug/ml
14) T n-Tetracosane (C24)	13.800	2587021	16.945 ug/ml
15) T n-Hexacosane (C26)	14.795	2477008	16.594 ug/ml
16) T n-Octacosane (C28)	15.720	2413344	16.842 ug/ml
17) T n-Tricontane (C30)	16.585	2520940	18.006 ug/ml
18) T n-Dotriacontane (C32)	17.396	2579788	19.115 ug/ml
19) T n-Tetratriacontane (C34)	18.157	2506277	19.983 ug/ml
20) T n-Hexatriacontane (C36)	18.879	2500894	20.460 ug/ml
21) T n-Octatriacontane (C38)	19.560	2453461	20.788 ug/ml
22) T n-Tetracontane (C40)	20.206	2363464	20.535 ug/ml

(f)=RT Delta > 1/2 Window

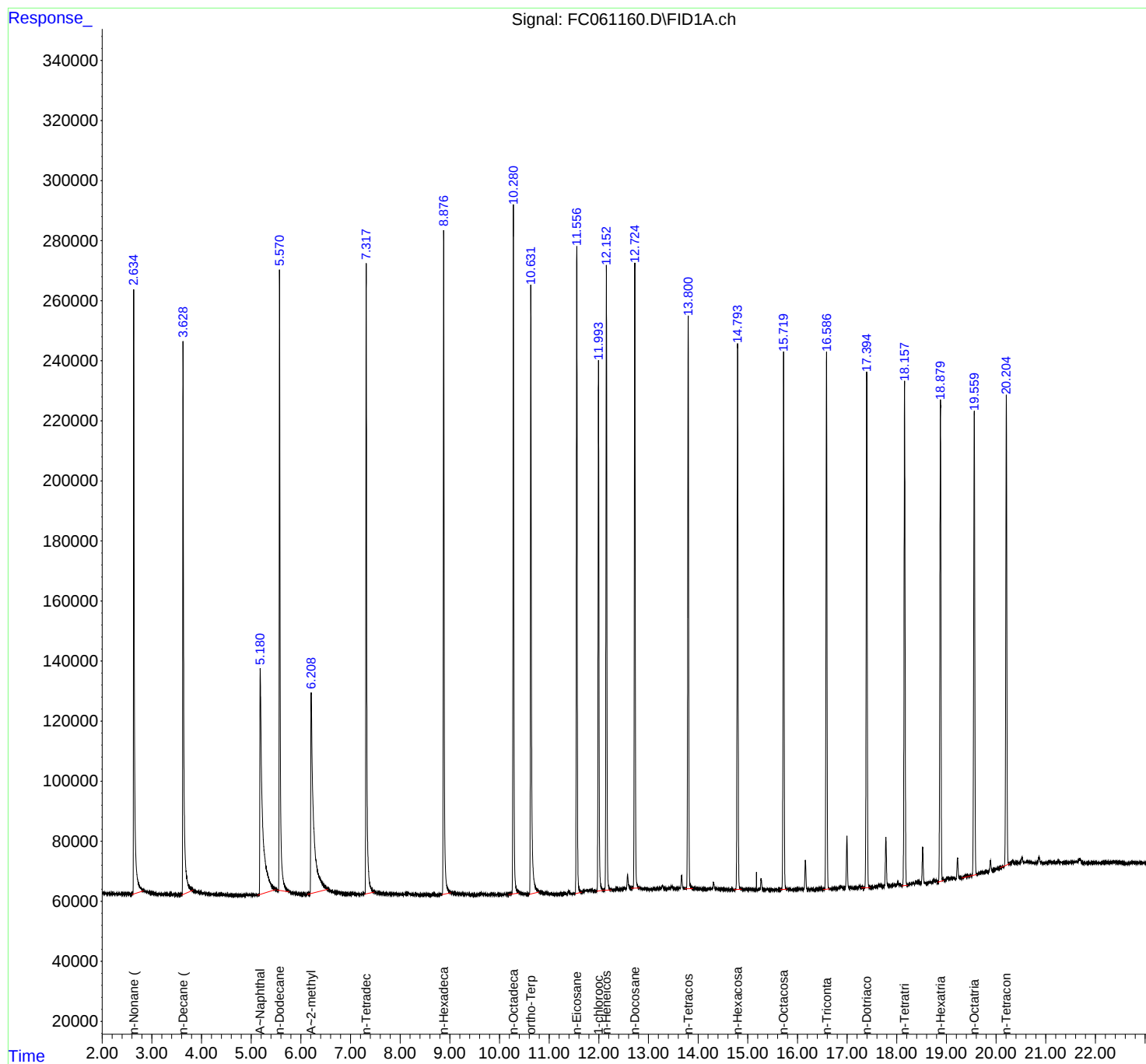
(m)=manual int.

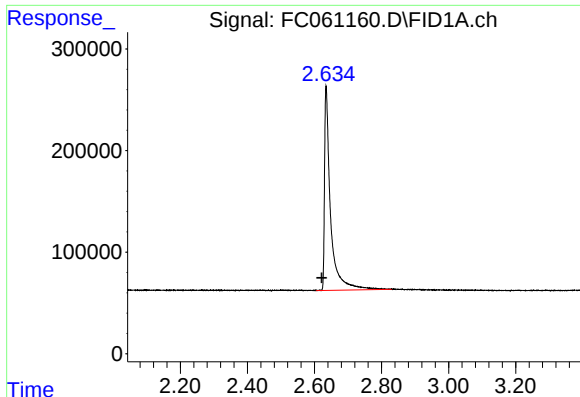
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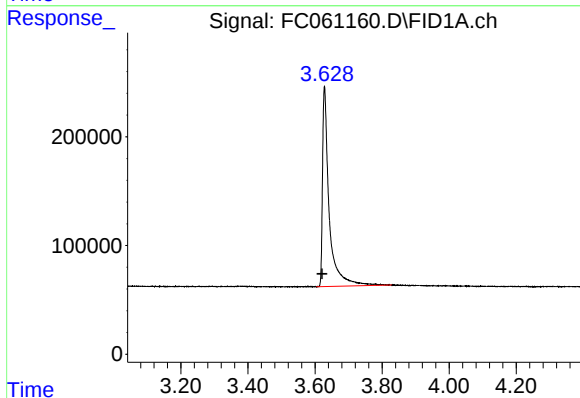




#1 n-Nonane (C9)

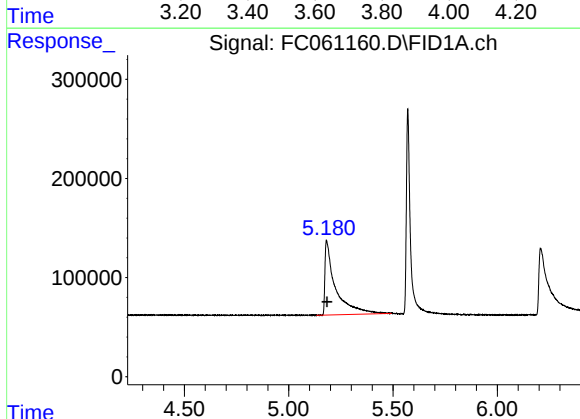
R.T.: 2.636 min
Delta R.T.: 0.014 min
Response: 2523199
Conc: 17.92 ug/ml

Instrument :
FID_C
ClientSampleId :



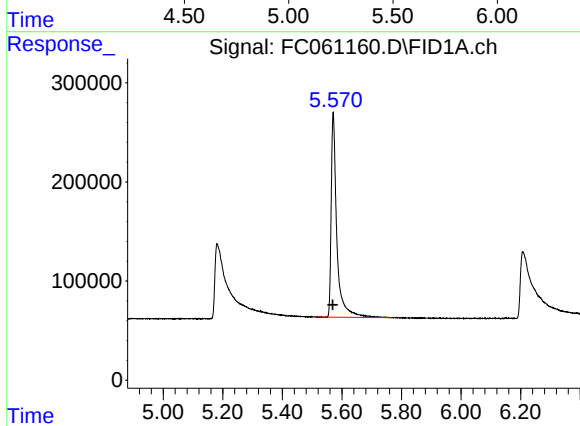
#2 n-Decane (C10)

R.T.: 3.629 min
Delta R.T.: 0.007 min
Response: 2557254
Conc: 18.13 ug/ml



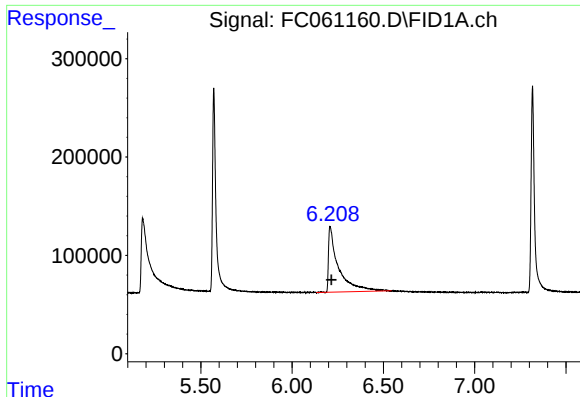
#3 A~Naphthalene (C11.7)

R.T.: 5.182 min
Delta R.T.: -0.002 min
Response: 2642341
Conc: 18.59 ug/ml



#4 n-Dodecane (C12)

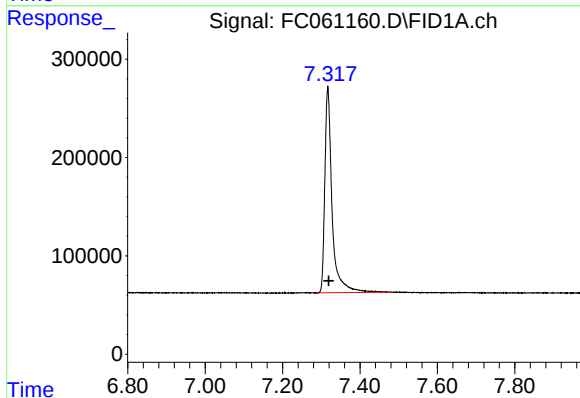
R.T.: 5.571 min
Delta R.T.: 0.002 min
Response: 2718059
Conc: 18.34 ug/ml



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

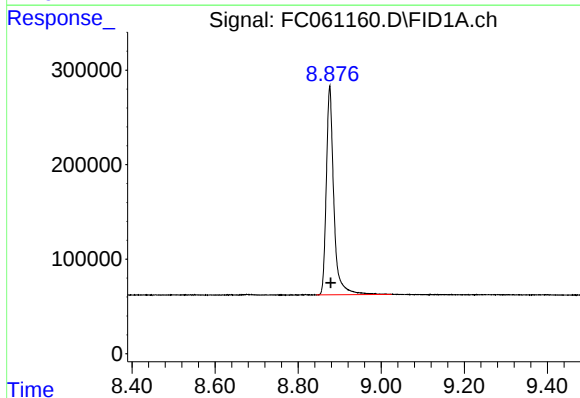
R.T.: 6.209 min
Delta R.T.: -0.006 min
Response: 2557398
Conc: 18.65 ug/ml

Instrument :
FID_C
ClientSampleId :



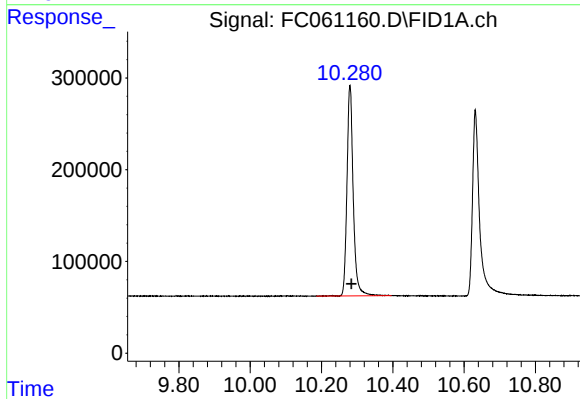
#6 n-Tetradecane (C14)

R.T.: 7.317 min
Delta R.T.: -0.002 min
Response: 2738488
Conc: 18.24 ug/ml



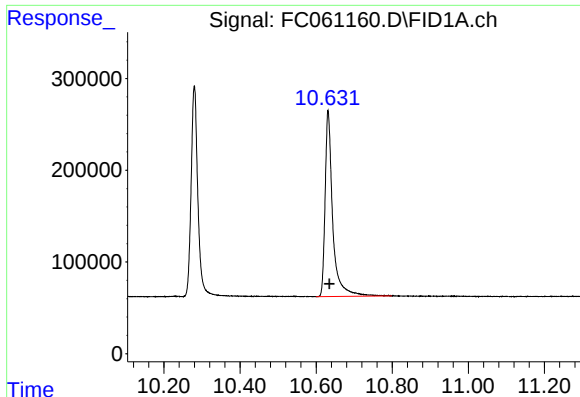
#7 n-Hexadecane (C16)

R.T.: 8.876 min
Delta R.T.: -0.002 min
Response: 2779932
Conc: 18.17 ug/ml



#8 n-Octadecane (C18)

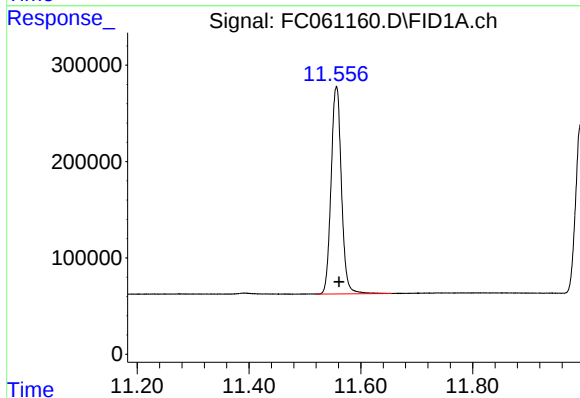
R.T.: 10.280 min
Delta R.T.: -0.004 min
Response: 2798503
Conc: 17.92 ug/ml



#9 ortho-Terphenyl (SURR)

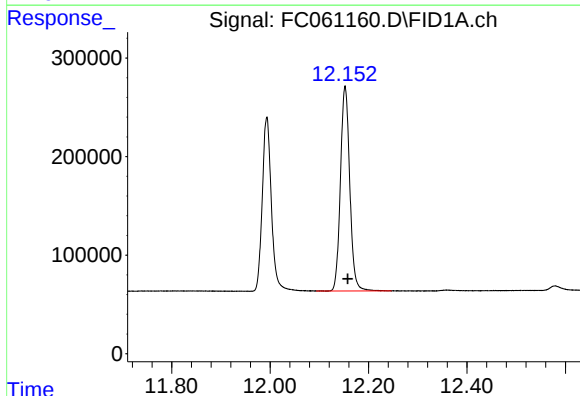
R.T.: 10.632 min
Delta R.T.: -0.003 min
Response: 2810279
Conc: 17.12 ug/ml

Instrument :
FID_C
ClientSampleId :



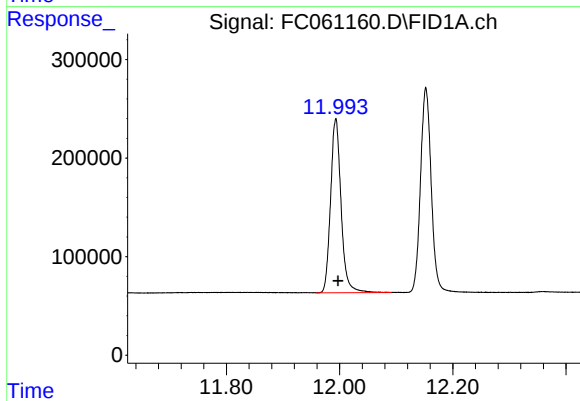
#10 n-Eicosane (C20)

R.T.: 11.556 min
Delta R.T.: -0.005 min
Response: 2765227
Conc: 17.62 ug/ml



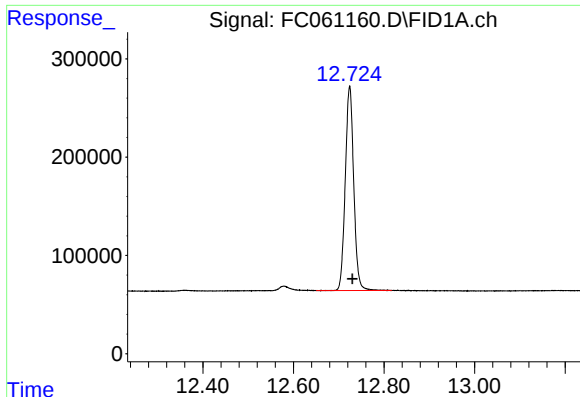
#11 n-Heneicosane (C21)

R.T.: 12.152 min
Delta R.T.: -0.005 min
Response: 2724649
Conc: 17.41 ug/ml



#12 1-chlorooctadecane (SURR)

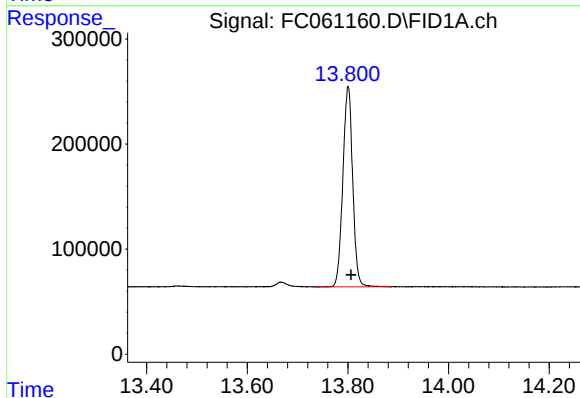
R.T.: 11.993 min
Delta R.T.: -0.004 min
Response: 2270735
Conc: 17.10 ug/ml



#13 n-Docosane (C22)

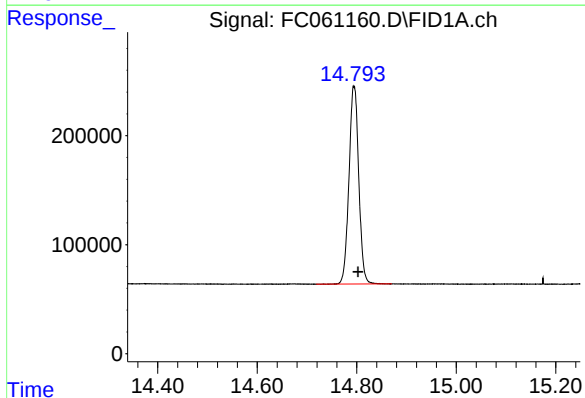
R.T.: 12.724 min
Delta R.T.: -0.006 min
Response: 2694430
Conc: 17.28 ug/ml

Instrument :
FID_C
ClientSampleId :



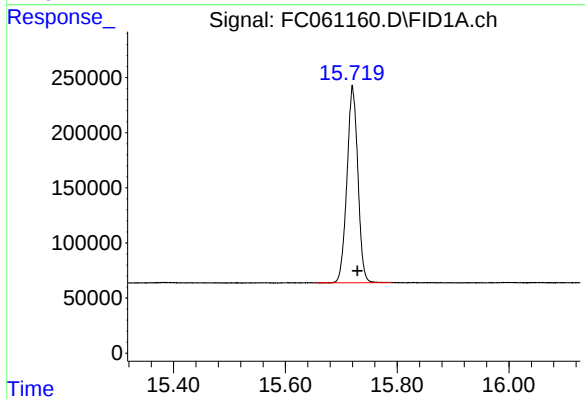
#14 n-Tetracosane (C24)

R.T.: 13.800 min
Delta R.T.: -0.006 min
Response: 2587021
Conc: 16.95 ug/ml



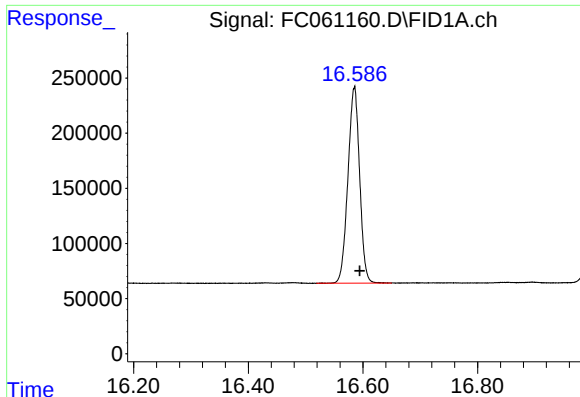
#15 n-Hexacosane (C26)

R.T.: 14.795 min
Delta R.T.: -0.008 min
Response: 2477008
Conc: 16.59 ug/ml



#16 n-Octacosane (C28)

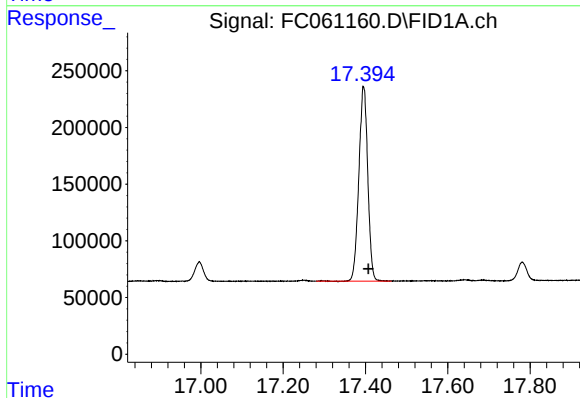
R.T.: 15.720 min
Delta R.T.: -0.008 min
Response: 2413344
Conc: 16.84 ug/ml



#17 n-Tricontane (C30)

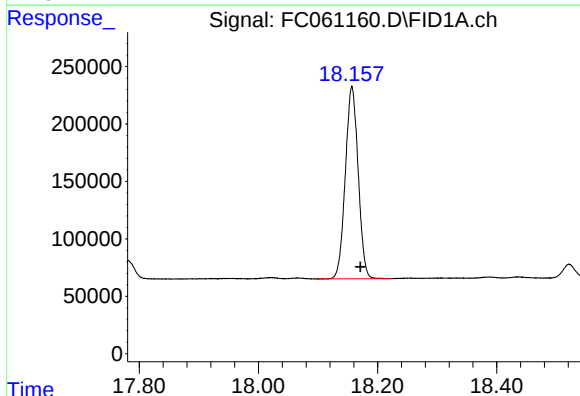
R.T.: 16.585 min
Delta R.T.: -0.009 min
Response: 2520940
Conc: 18.01 ug/ml

Instrument :
FID_C
ClientSampleId :



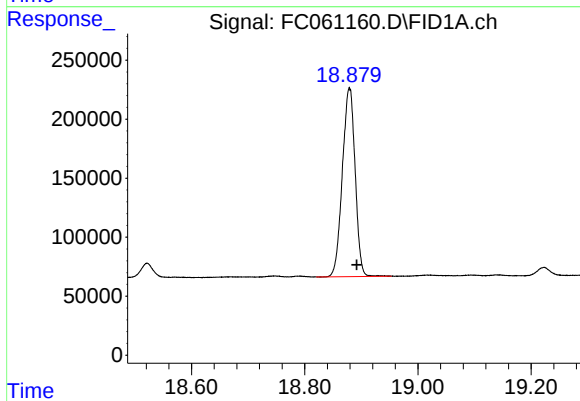
#18 n-Dotriacontane (C32)

R.T.: 17.396 min
Delta R.T.: -0.011 min
Response: 2579788
Conc: 19.12 ug/ml



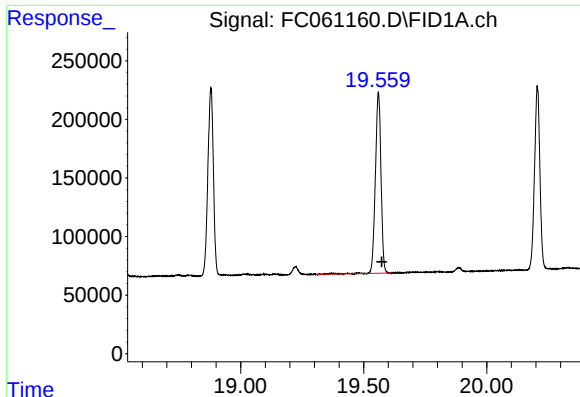
#19 n-Tetratriacontane (C34)

R.T.: 18.157 min
Delta R.T.: -0.014 min
Response: 2506277
Conc: 19.98 ug/ml



#20 n-Hexatriacontane (C36)

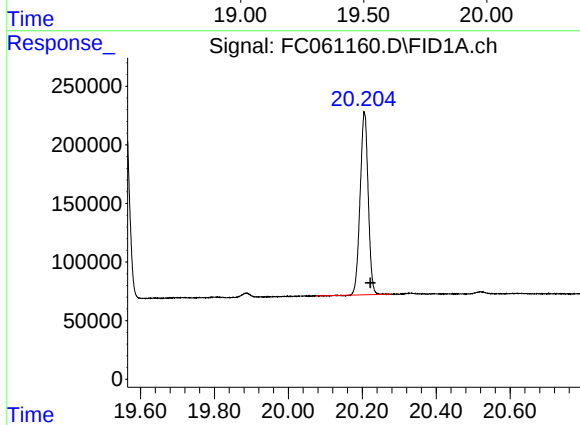
R.T.: 18.879 min
Delta R.T.: -0.013 min
Response: 2500894
Conc: 20.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.560 min
Delta R.T.: -0.014 min
Response: 2453461
Conc: 20.79 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.206 min
Delta R.T.: -0.016 min
Response: 2363464
Conc: 20.53 ug/ml