

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121522AL\
 Data File : FC062439.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2022 10:20
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 15 12:25:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 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)	11.571	2457540	17.422 ug/ml
Spiked Amount 50.000		Recovery =	34.84%
12) S 1-chlorooctadecane (S...	13.011	1848440	17.343 ug/ml
Spiked Amount 50.000		Recovery =	34.69%
Target Compounds			
1) T n-Nonane (C9)	3.321	2239207	17.410 ug/ml
2) T n-Decane (C10)	4.390	2214264	17.800 ug/ml
3) T A~Naphthalene (C11.7)	5.977	2520780	17.764 ug/ml
4) T n-Dodecane (C12)	6.414	2191435	17.495 ug/ml
5) T A~2-methylnaphthalene...	7.037	2361608	18.367 ug/ml
6) T n-Tetradecane (C14)	8.211	2224049	18.262 ug/ml
7) T n-Hexadecane (C16)	9.814	2256310	17.976 ug/ml
8) T n-Octadecane (C18)	11.257	2263764	17.720 ug/ml
10) T n-Eicosane (C20)	12.567	2181495	17.537 ug/ml
11) T n-Heneicosane (C21)	13.179	2160485	17.483 ug/ml
13) T n-Docosane (C22)	13.764	2168713	17.853 ug/ml
14) T n-Tetracosane (C24)	14.867	2185982	18.237 ug/ml
15) T n-Hexacosane (C26)	15.886	2155798	18.558 ug/ml
16) T n-Octacosane (C28)	16.834	2201351	19.369 ug/ml
17) T n-Tricontane (C30)	17.721	2275794	20.356 ug/ml
18) T n-Dotriacontane (C32)	18.551	2282563	20.542 ug/ml
19) T n-Tetratriacontane (C34)	19.334	2150900	19.882 ug/ml
20) T n-Hexatriacontane (C36)	20.072	1977866	19.482 ug/ml
21) T n-Octatriacontane (C38)	20.809	1912080	18.689 ug/ml
22) T n-Tetracontane (C40)	21.723	1906635	18.813 ug/ml

(f)=RT Delta > 1/2 Window

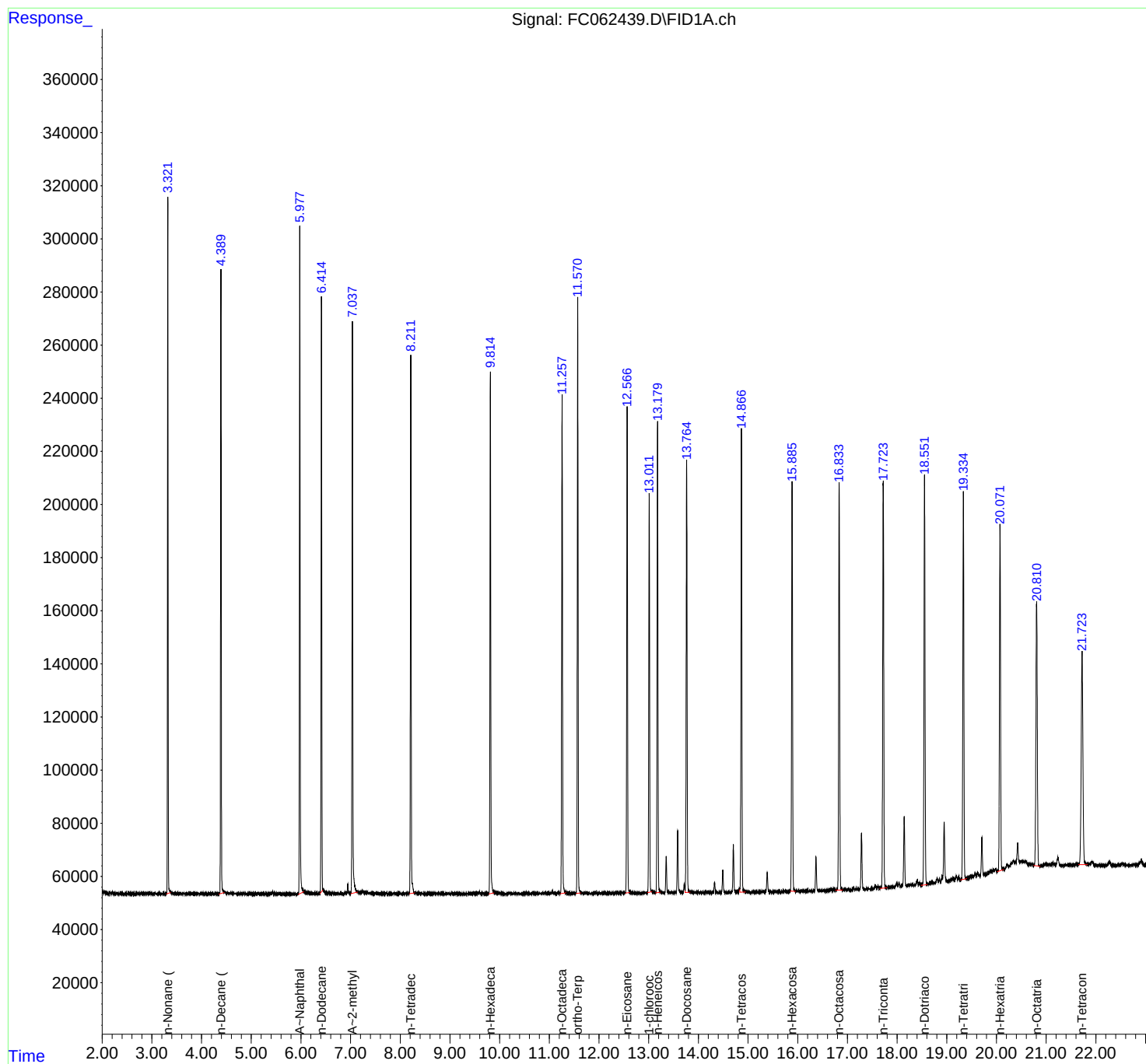
(m)=manual int.

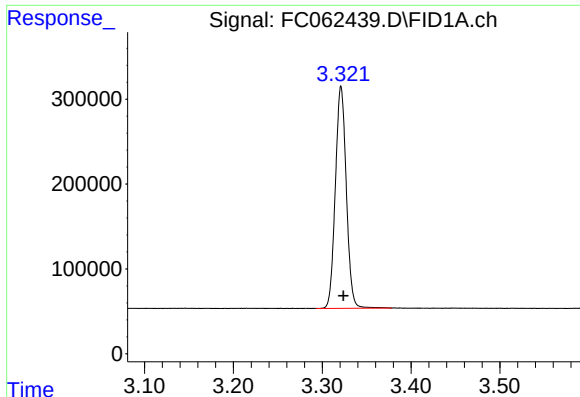
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121522AL\
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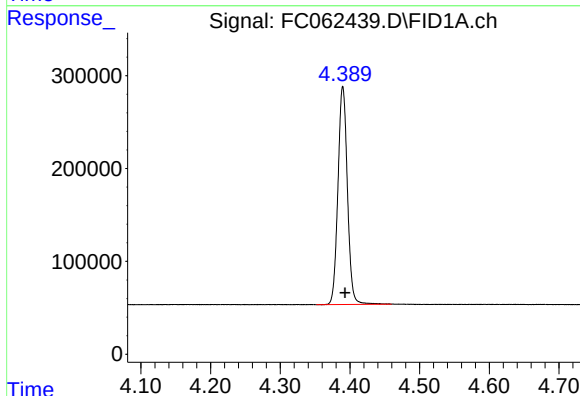




#1 n-Nonane (C9)

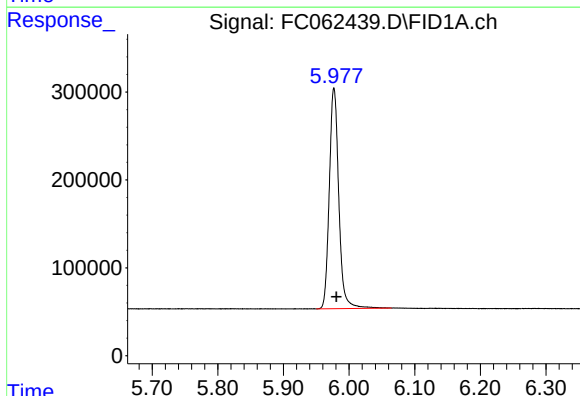
R.T.: 3.321 min
Delta R.T.: -0.003 min
Response: 2239207
Conc: 17.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



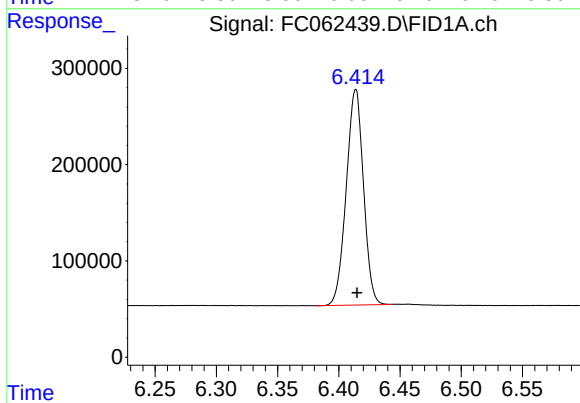
#2 n-Decane (C10)

R.T.: 4.390 min
Delta R.T.: -0.003 min
Response: 2214264
Conc: 17.80 ug/ml



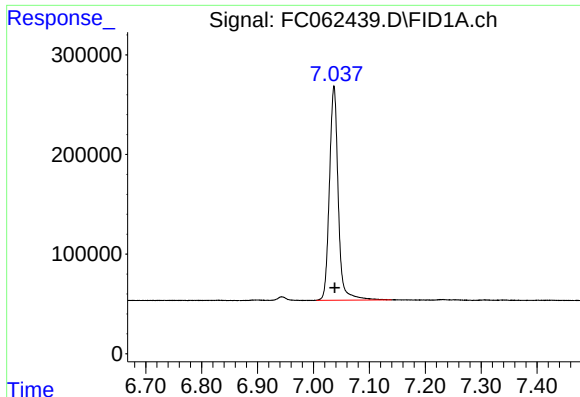
#3 A~Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: -0.004 min
Response: 2520780
Conc: 17.76 ug/ml



#4 n-Dodecane (C12)

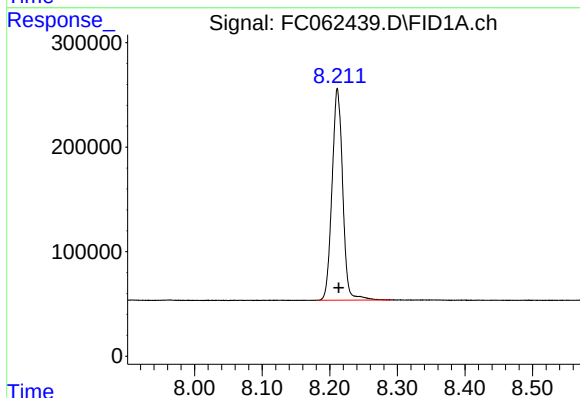
R.T.: 6.414 min
Delta R.T.: -0.001 min
Response: 2191435
Conc: 17.50 ug/ml



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

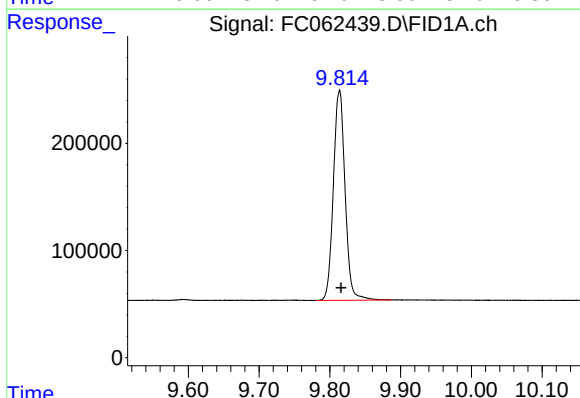
R.T.: 7.037 min
Delta R.T.: -0.001 min
Response: 2361608
Conc: 18.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



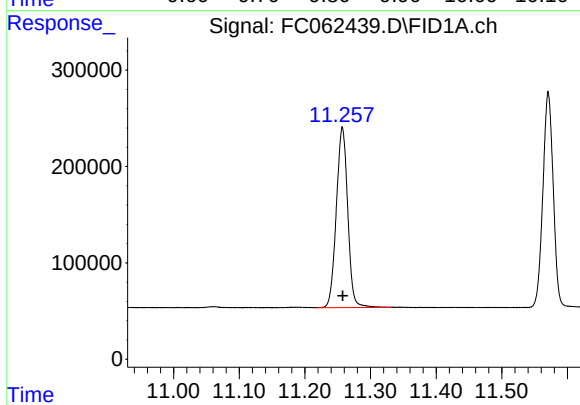
#6 n-Tetradecane (C14)

R.T.: 8.211 min
Delta R.T.: -0.002 min
Response: 2224049
Conc: 18.26 ug/ml



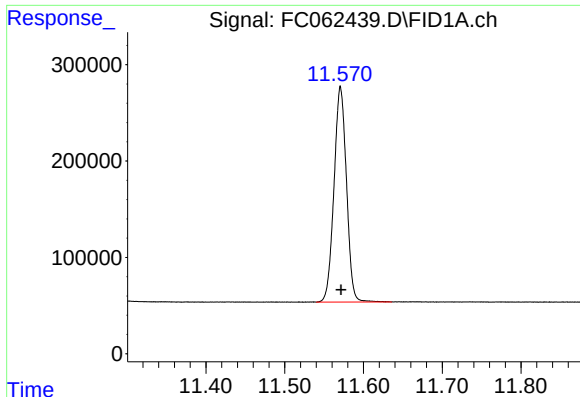
#7 n-Hexadecane (C16)

R.T.: 9.814 min
Delta R.T.: -0.002 min
Response: 2256310
Conc: 17.98 ug/ml



#8 n-Octadecane (C18)

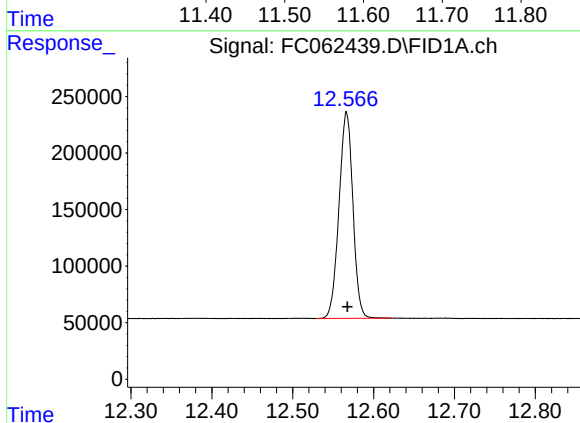
R.T.: 11.257 min
Delta R.T.: 0.000 min
Response: 2263764
Conc: 17.72 ug/ml



#9 ortho-Terphenyl (SURR)

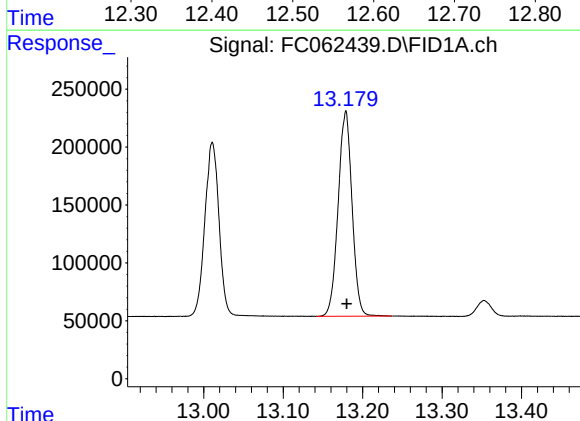
R.T.: 11.571 min
Delta R.T.: 0.000 min
Response: 2457540
Conc: 17.42 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



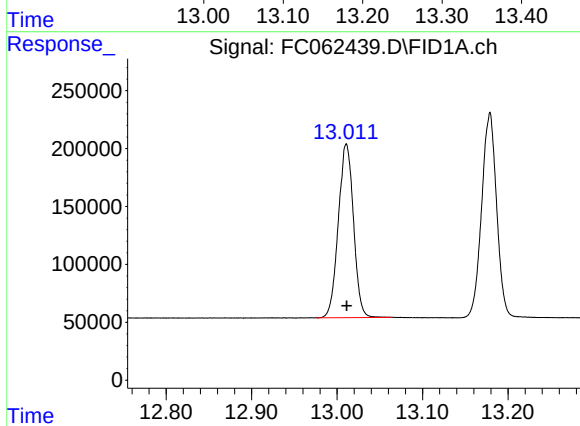
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: -0.001 min
Response: 2181495
Conc: 17.54 ug/ml



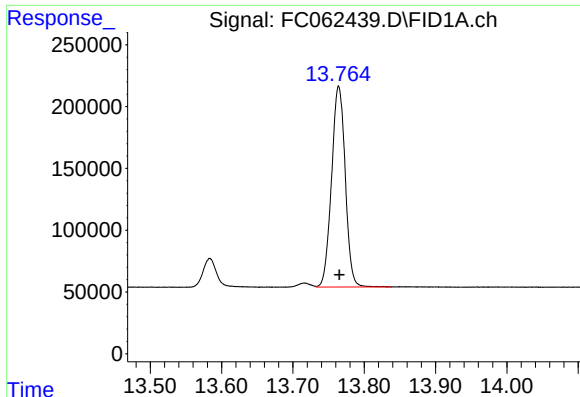
#11 n-Heneicosane (C21)

R.T.: 13.179 min
Delta R.T.: -0.001 min
Response: 2160485
Conc: 17.48 ug/ml



#12 1-chlorooctadecane (SURR)

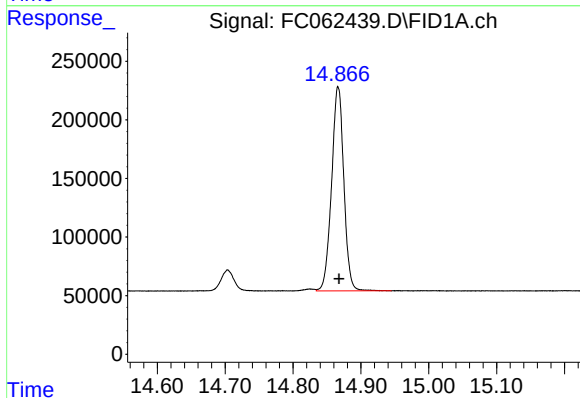
R.T.: 13.011 min
Delta R.T.: 0.000 min
Response: 1848440
Conc: 17.34 ug/ml



#13 n-Docosane (C22)

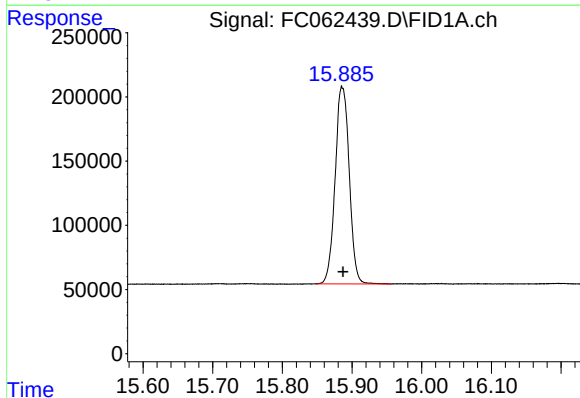
R.T.: 13.764 min
Delta R.T.: 0.000 min
Response: 2168713
Conc: 17.85 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



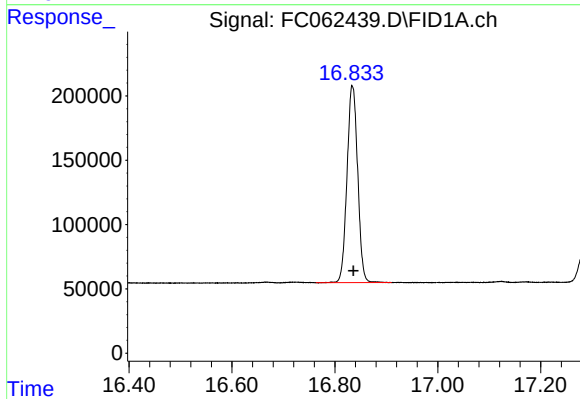
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: -0.001 min
Response: 2185982
Conc: 18.24 ug/ml



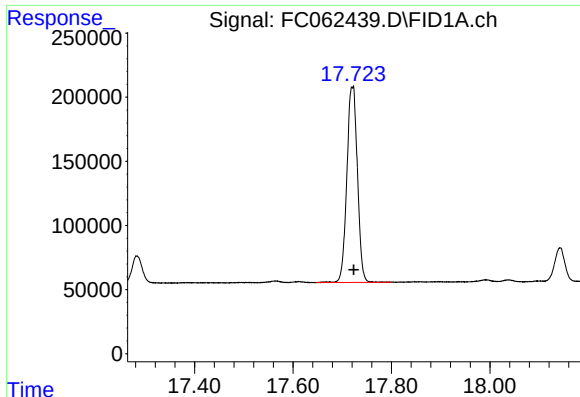
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: -0.001 min
Response: 2155798
Conc: 18.56 ug/ml



#16 n-Octacosane (C28)

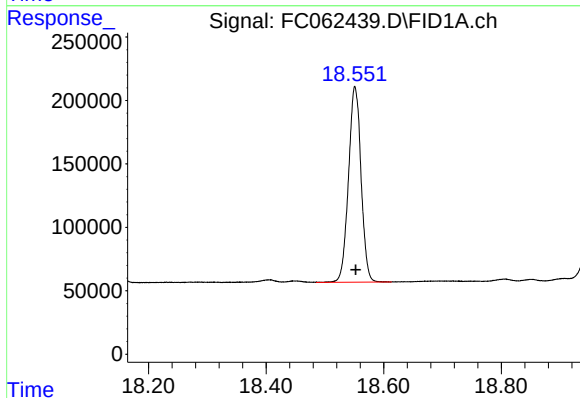
R.T.: 16.834 min
Delta R.T.: -0.002 min
Response: 2201351
Conc: 19.37 ug/ml



#17 n-Tricontane (C30)

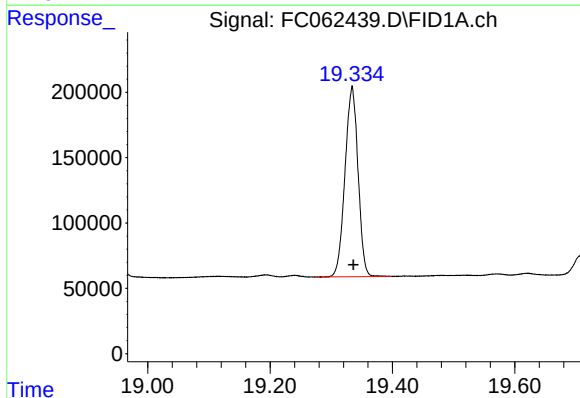
R.T.: 17.721 min
Delta R.T.: -0.002 min
Response: 2275794
Conc: 20.36 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



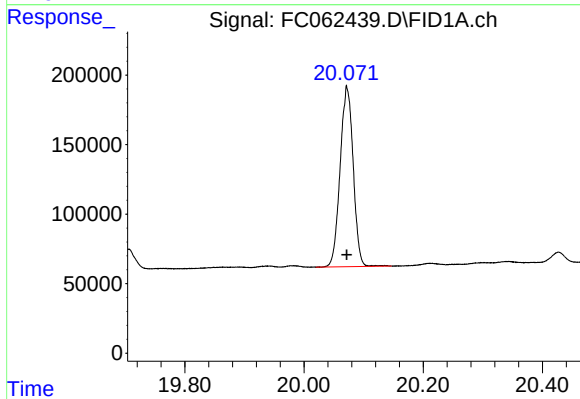
#18 n-Dotriacontane (C32)

R.T.: 18.551 min
Delta R.T.: -0.002 min
Response: 2282563
Conc: 20.54 ug/ml



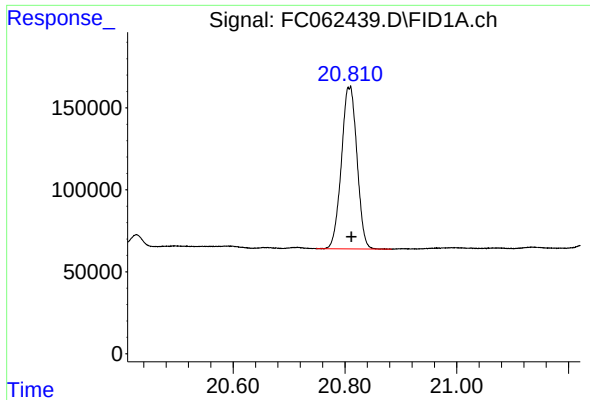
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: -0.002 min
Response: 2150900
Conc: 19.88 ug/ml



#20 n-Hexatriacontane (C36)

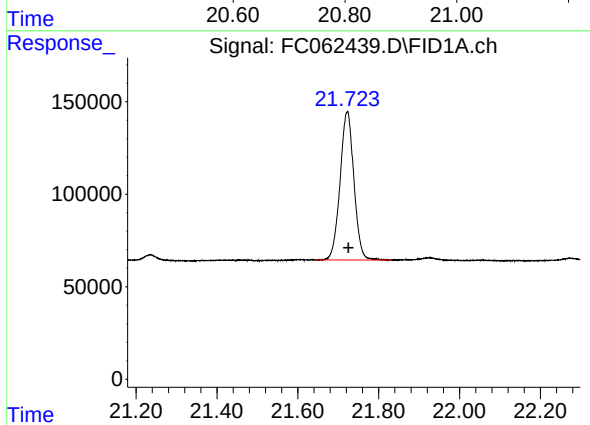
R.T.: 20.072 min
Delta R.T.: 0.000 min
Response: 1977866
Conc: 19.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.809 min
Delta R.T.: -0.002 min
Response: 1912080
Conc: 18.69 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.723 min
Delta R.T.: -0.003 min
Response: 1906635
Conc: 18.81 ug/ml