

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081325AL\
 Data File : FE055292.D
 Signal(s) : FID1B.ch
 Acq On : 13 Aug 2025 14:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Aug 13 15:23:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 2025
 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)	12.085	2590298	18.139 ug/ml
Spiked Amount 50.000		Recovery =	36.28%
12) S 1-chlorooctadecane (S...	13.523	1976641	18.383 ug/ml
Spiked Amount 50.000		Recovery =	36.77%
Target Compounds			
1) T n-Nonane (C9)	3.421	1940361	16.907 ug/ml
2) T n-Decane (C10)	4.679	2068219	17.754 ug/ml
3) T A~Naphthalene (C11.7)	6.400	2346517	17.481 ug/ml
4) T n-Dodecane (C12)	6.855	2124468	17.840 ug/ml
5) T A~2-methylnaphthalene...	7.501	2303037	17.664 ug/ml
6) T n-Tetradecane (C14)	8.693	2189420	17.857 ug/ml
7) T n-Hexadecane (C16)	10.309	2288404	17.900 ug/ml
8) T n-Octadecane (C18)	11.759	2388769	18.308 ug/ml
10) T n-Eicosane (C20)	13.074	2306766	18.385 ug/ml
11) T n-Heneicosane (C21)	13.689	2257401	18.313 ug/ml
13) T n-Docosane (C22)	14.277	2305515	18.879 ug/ml
14) T n-Tetracosane (C24)	15.384	2448037	20.126 ug/ml
15) T n-Hexacosane (C26)	16.408	2459490	20.556 ug/ml
16) T n-Octacosane (C28)	17.362	2558713	21.570 ug/ml
17) T n-Tricontane (C30)	18.251	2831405	23.010 ug/ml
18) T n-Dotriacontane (C32)	19.086	2954053	24.211 ug/ml
19) T n-Tetratriacontane (C34)	19.871	2685168	22.966 ug/ml
20) T n-Hexatriacontane (C36)	20.613	2366182	21.649 ug/ml
21) T n-Octatriacontane (C38)	21.394	2193924	20.301 ug/ml
22) T n-Tetracontane (C40)	22.387	1977197	18.907 ug/ml

(f)=RT Delta > 1/2 Window

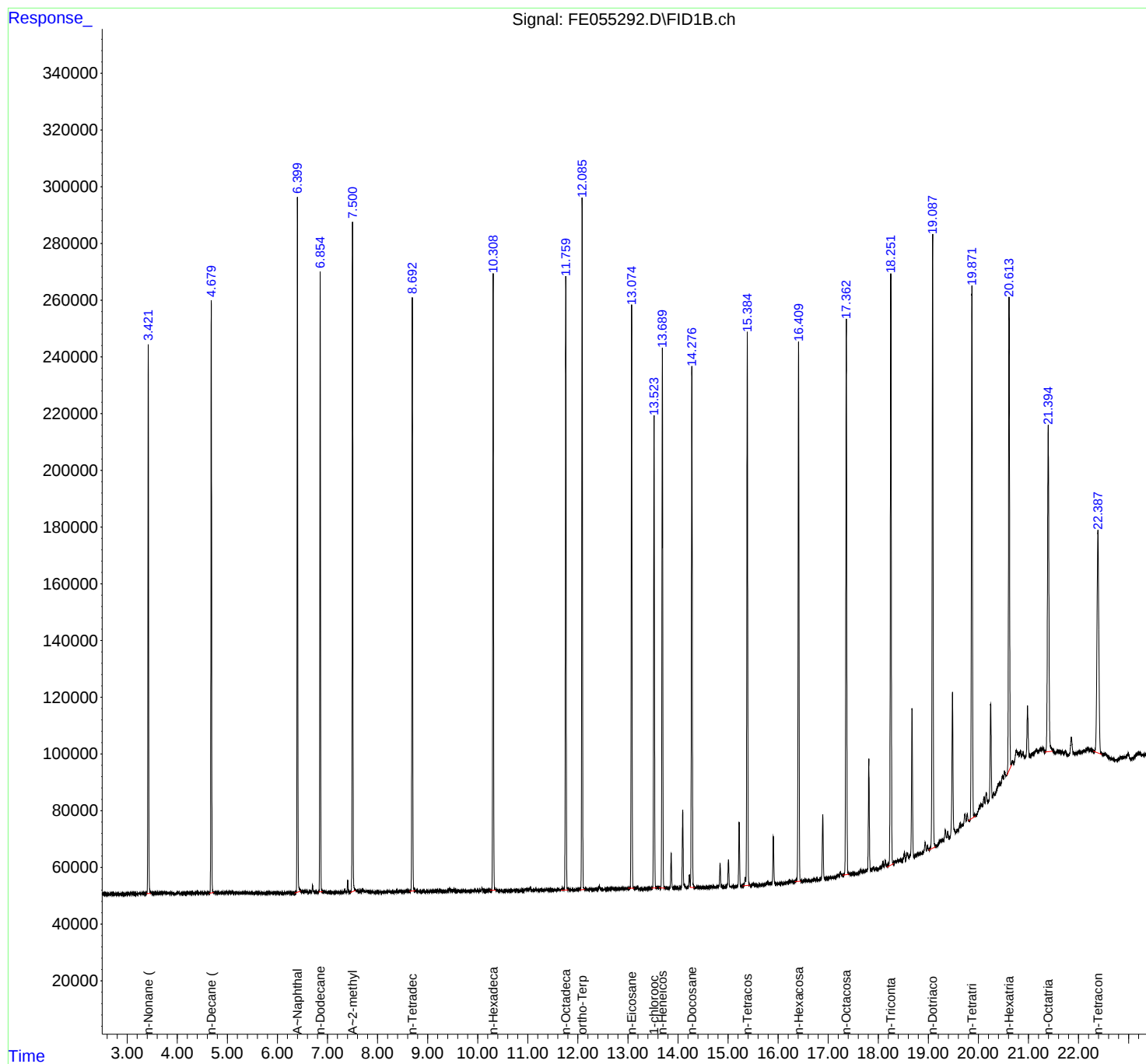
(m)=manual int.

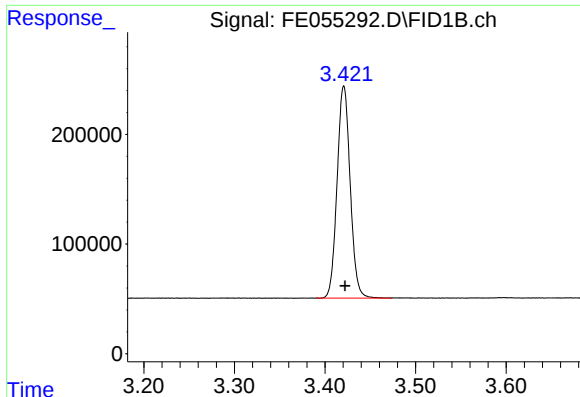
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081325AL\
Data File : FE055292.D
Signal(s) : FID1B.ch
Acq On : 13 Aug 2025 14:23
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: sample.E
Quant Time: Aug 13 15:23:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:47:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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

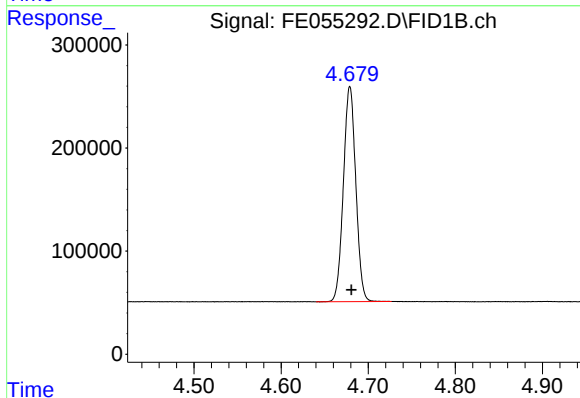




#1 n-Nonane (C9)

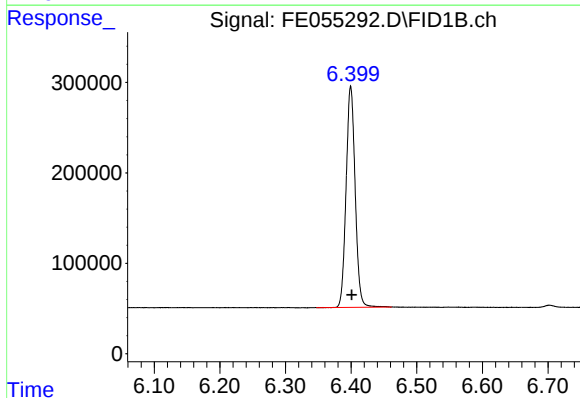
R.T.: 3.421 min
Delta R.T.: -0.001 min
Response: 1940361
Conc: 16.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



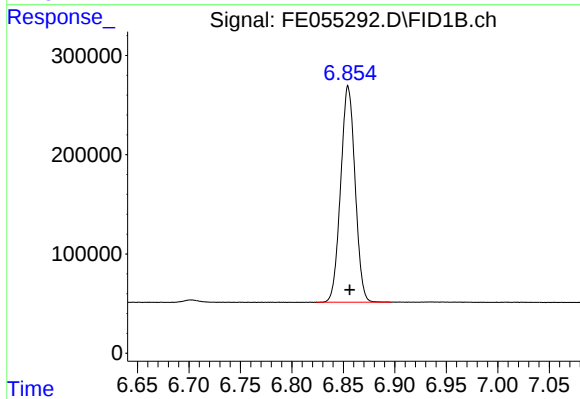
#2 n-Decane (C10)

R.T.: 4.679 min
Delta R.T.: -0.002 min
Response: 2068219
Conc: 17.75 ug/ml



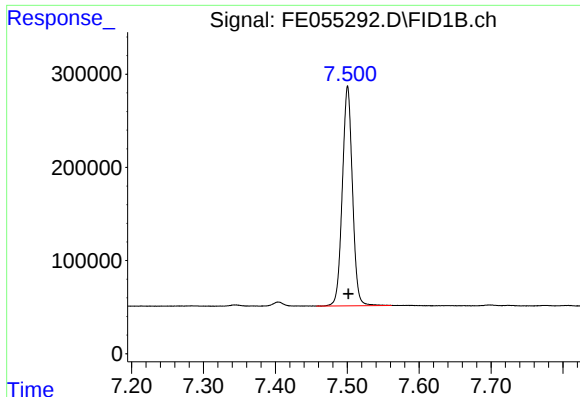
#3 A~Naphthalene (C11.7)

R.T.: 6.400 min
Delta R.T.: -0.001 min
Response: 2346517
Conc: 17.48 ug/ml



#4 n-Dodecane (C12)

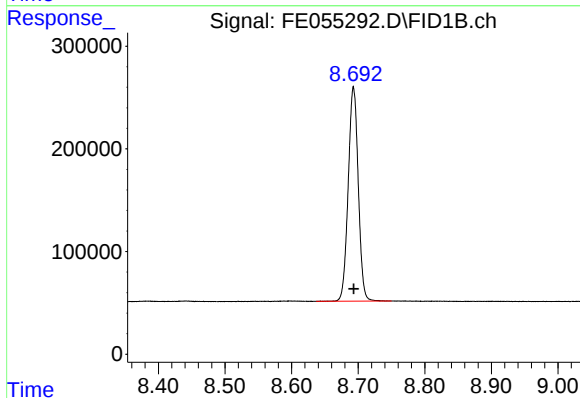
R.T.: 6.855 min
Delta R.T.: -0.002 min
Response: 2124468
Conc: 17.84 ug/ml



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

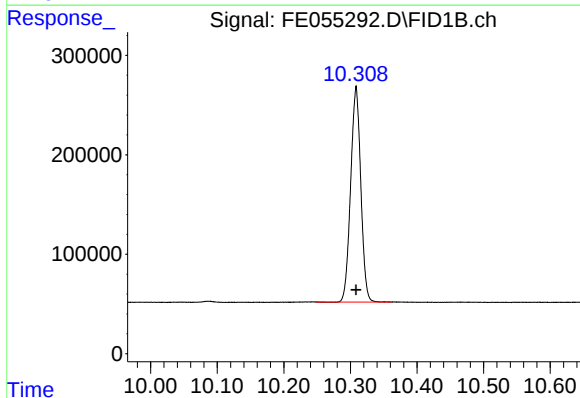
R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 2303037
Conc: 17.66 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



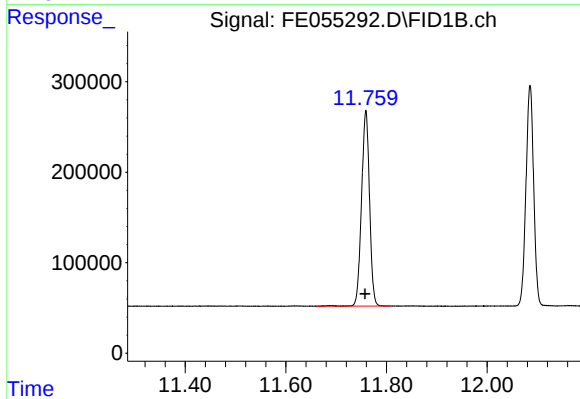
#6 n-Tetradecane (C14)

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 2189420
Conc: 17.86 ug/ml



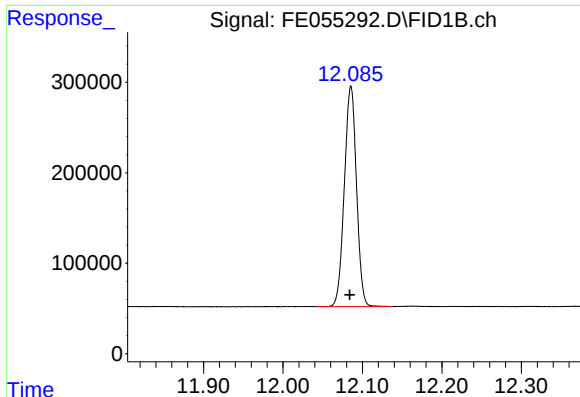
#7 n-Hexadecane (C16)

R.T.: 10.309 min
Delta R.T.: 0.000 min
Response: 2288404
Conc: 17.90 ug/ml



#8 n-Octadecane (C18)

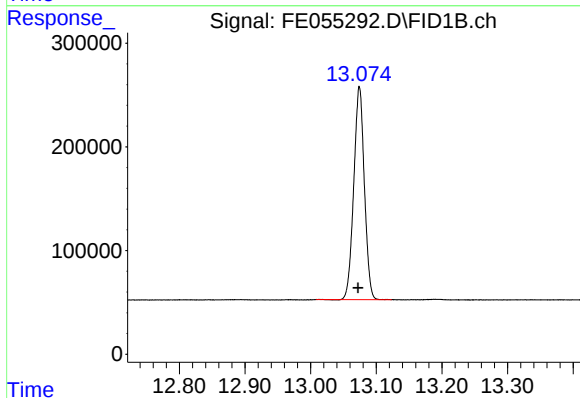
R.T.: 11.759 min
Delta R.T.: 0.001 min
Response: 2388769
Conc: 18.31 ug/ml



#9 ortho-Terphenyl (SURR)

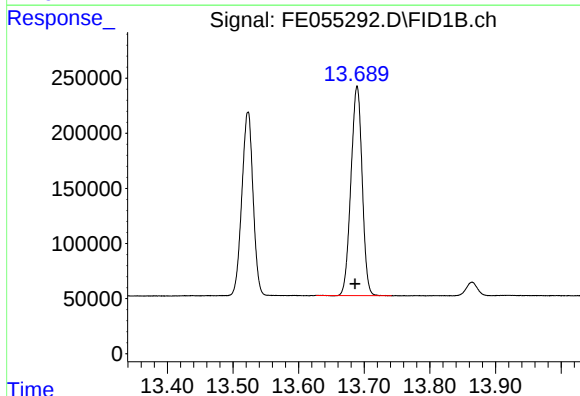
R.T.: 12.085 min
Delta R.T.: 0.001 min
Response: 2590298
Conc: 18.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



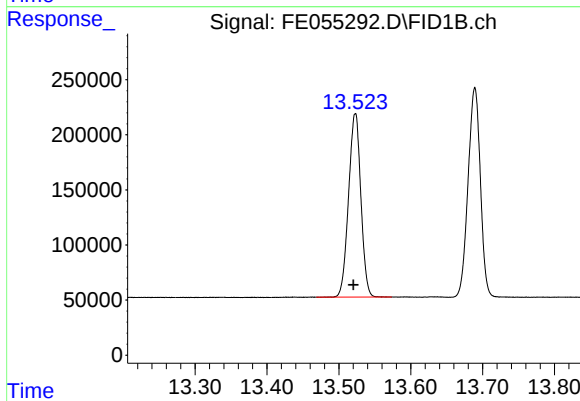
#10 n-Eicosane (C20)

R.T.: 13.074 min
Delta R.T.: 0.002 min
Response: 2306766
Conc: 18.38 ug/ml



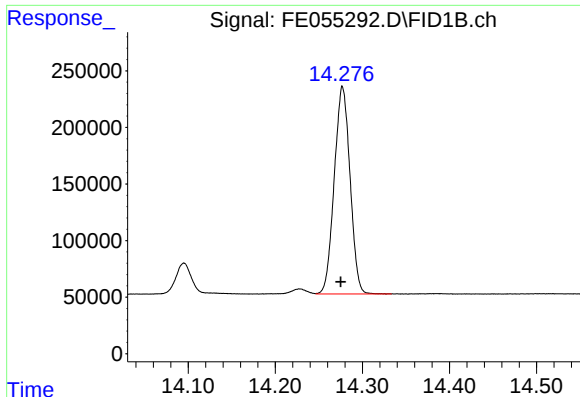
#11 n-Heneicosane (C21)

R.T.: 13.689 min
Delta R.T.: 0.003 min
Response: 2257401
Conc: 18.31 ug/ml



#12 1-chlorooctadecane (SURR)

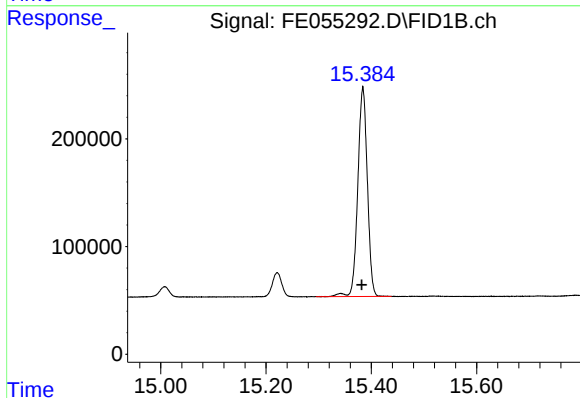
R.T.: 13.523 min
Delta R.T.: 0.002 min
Response: 1976641
Conc: 18.38 ug/ml



#13 n-Docosane (C22)

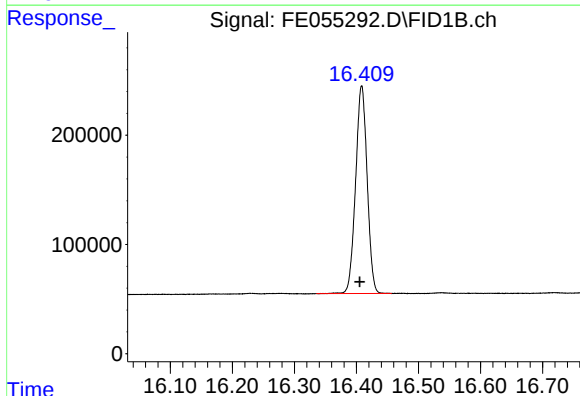
R.T.: 14.277 min
Delta R.T.: 0.002 min
Response: 2305515
Conc: 18.88 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



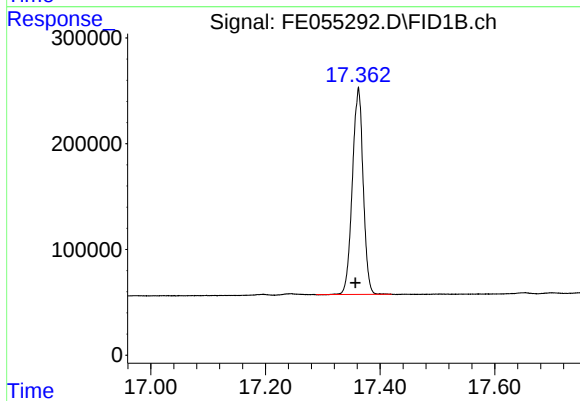
#14 n-Tetracosane (C24)

R.T.: 15.384 min
Delta R.T.: 0.002 min
Response: 2448037
Conc: 20.13 ug/ml



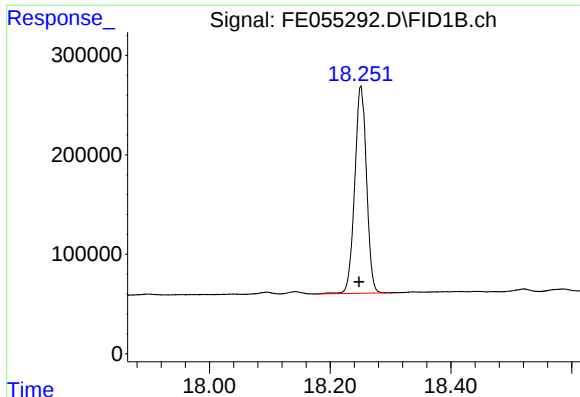
#15 n-Hexacosane (C26)

R.T.: 16.408 min
Delta R.T.: 0.003 min
Response: 2459490
Conc: 20.56 ug/ml



#16 n-Octacosane (C28)

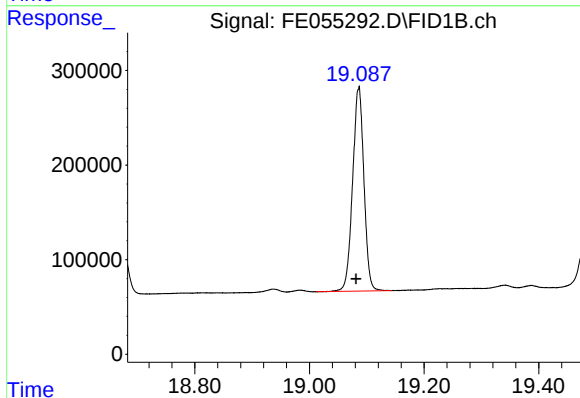
R.T.: 17.362 min
Delta R.T.: 0.005 min
Response: 2558713
Conc: 21.57 ug/ml



#17 n-Tricontane (C30)

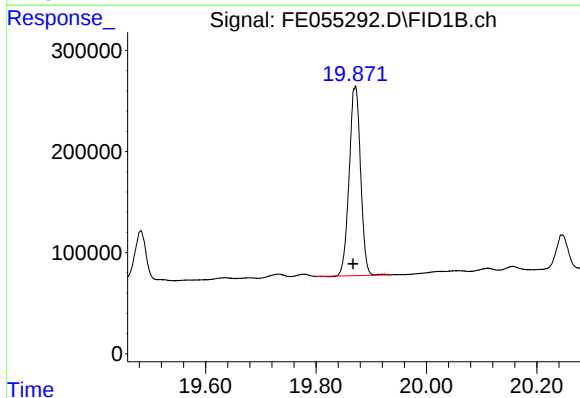
R.T.: 18.251 min
Delta R.T.: 0.003 min
Response: 2831405
Conc: 23.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



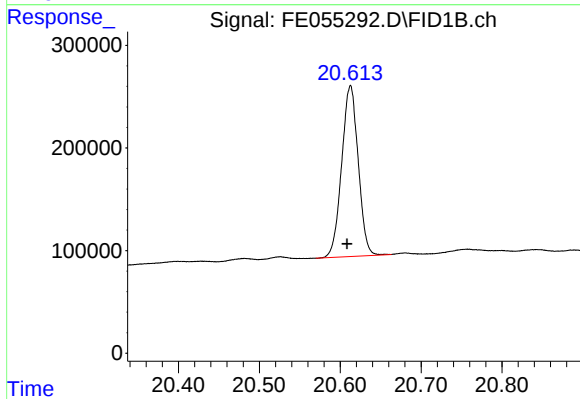
#18 n-Dotriacontane (C32)

R.T.: 19.086 min
Delta R.T.: 0.004 min
Response: 2954053
Conc: 24.21 ug/ml



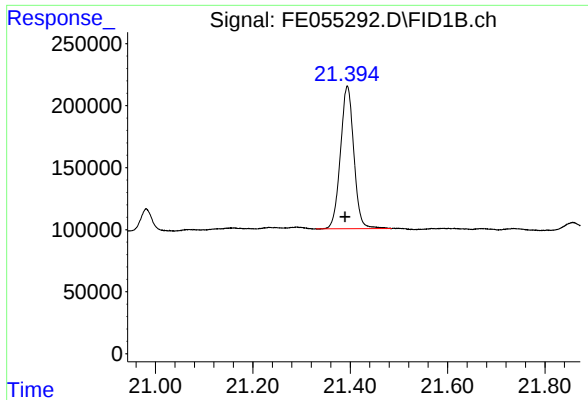
#19 n-Tetratriacontane (C34)

R.T.: 19.871 min
Delta R.T.: 0.004 min
Response: 2685168
Conc: 22.97 ug/ml



#20 n-Hexatriacontane (C36)

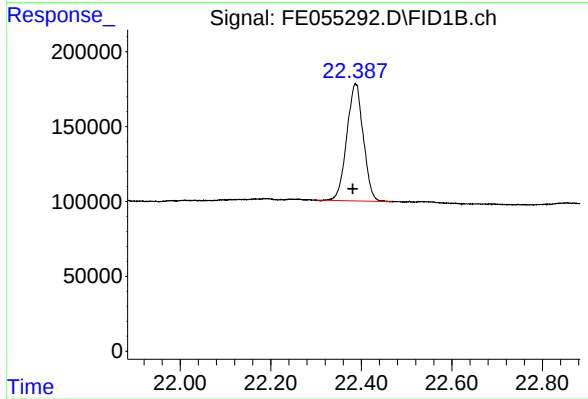
R.T.: 20.613 min
Delta R.T.: 0.004 min
Response: 2366182
Conc: 21.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.394 min
Delta R.T.: 0.005 min
Response: 2193924
Conc: 20.30 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.387 min
Delta R.T.: 0.007 min
Response: 1977197
Conc: 18.91 ug/ml