

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102125AL\
 Data File : FE056414.D
 Signal(s) : FID1B.ch
 Acq On : 21 Oct 2025 13:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 21 14:43:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 08:31:49 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)	12.051	3798661	18.594 ug/ml
Spiked Amount 50.000		Recovery =	37.19%
12) S 1-chlorooctadecane (S...	13.487	2849479	18.675 ug/ml
Spiked Amount 50.000		Recovery =	37.35%
Target Compounds			
1) T n-Nonane (C9)	3.397	3094527	18.985 ug/ml
2) T n-Decane (C10)	4.650	3274056	19.909 ug/ml
3) T A~Naphthalene (C11.7)	6.368	3473831	19.651 ug/ml
4) T n-Dodecane (C12)	6.824	3370911	20.091 ug/ml
5) T A~2-methylnaphthalene...	7.469	3329692	19.983 ug/ml
6) T n-Tetradecane (C14)	8.660	3320342	19.986 ug/ml
7) T n-Hexadecane (C16)	10.275	3423001	19.565 ug/ml
8) T n-Octadecane (C18)	11.724	3470594	19.026 ug/ml
10) T n-Eicosane (C20)	13.039	3320072	18.647 ug/ml
11) T n-Heneicosane (C21)	13.653	3248379	18.514 ug/ml
13) T n-Docosane (C22)	14.242	3249666	18.358 ug/ml
14) T n-Tetracosane (C24)	15.348	3217928	17.687 ug/ml
15) T n-Hexacosane (C26)	16.373	3137356	17.477 ug/ml
16) T n-Octacosane (C28)	17.325	3080846	17.318 ug/ml
17) T n-Tricontane (C30)	18.215	3182188	17.527 ug/ml
18) T n-Dotriacontane (C32)	19.049	3102192	17.596 ug/ml
19) T n-Tetratriacontane (C34)	19.833	2798131	18.076 ug/ml
20) T n-Hexatriacontane (C36)	20.574	2422215	19.388 ug/ml
21) T n-Octatriacontane (C38)	21.344	2190036	20.961 ug/ml
22) T n-Tetracontane (C40)	22.320	2087192	23.001 ug/ml

(f)=RT Delta > 1/2 Window

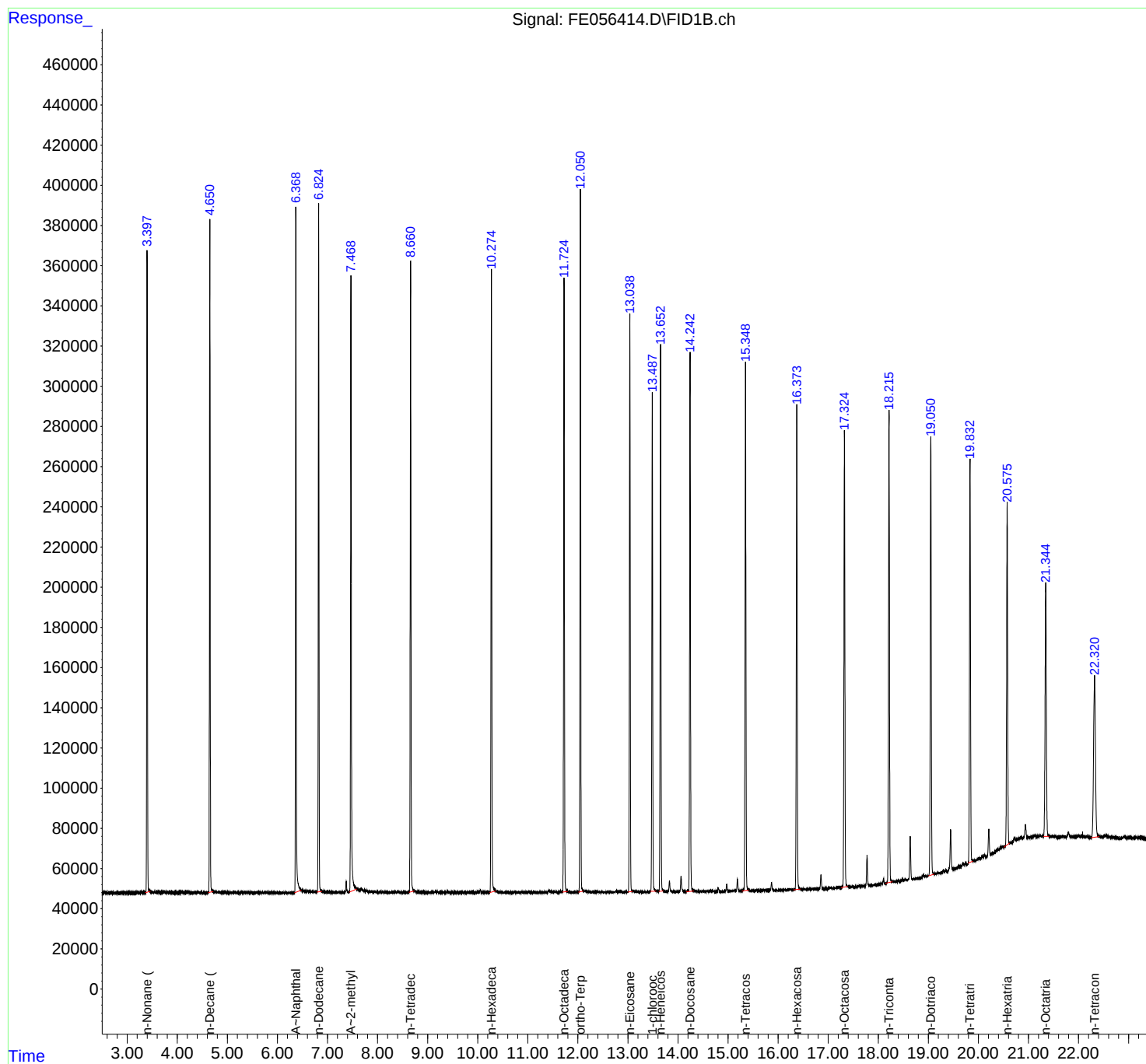
(m)=manual int.

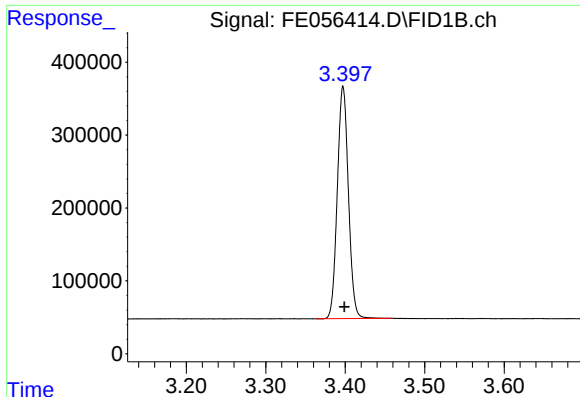
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102125AL\
Data File : FE056414.D
Signal(s) : FID1B.ch
Acq On : 21 Oct 2025 13:48
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Oct 21 14:43:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 08:31:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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

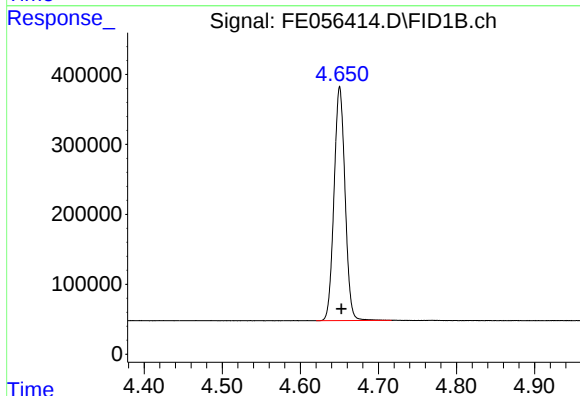




#1 n-Nonane (C9)

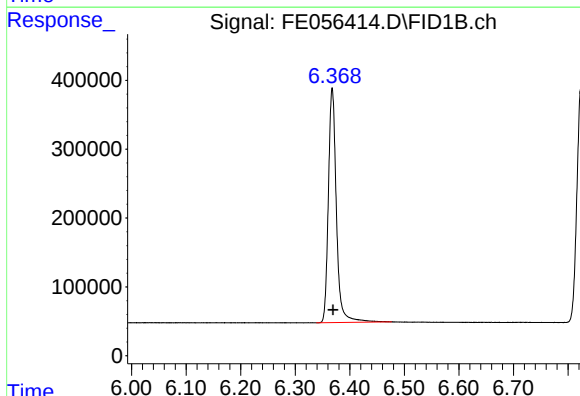
R.T.: 3.397 min
Delta R.T.: -0.002 min
Response: 3094527
Conc: 18.98 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



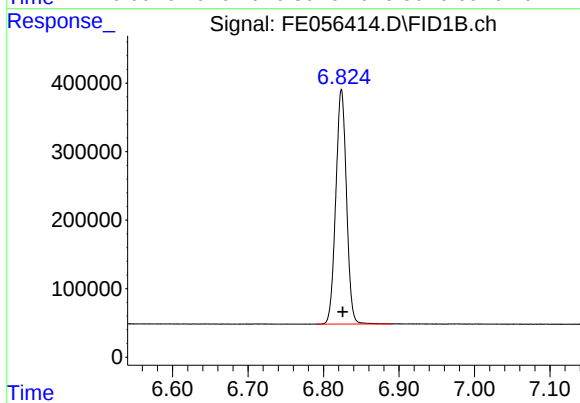
#2 n-Decane (C10)

R.T.: 4.650 min
Delta R.T.: -0.002 min
Response: 3274056
Conc: 19.91 ug/ml



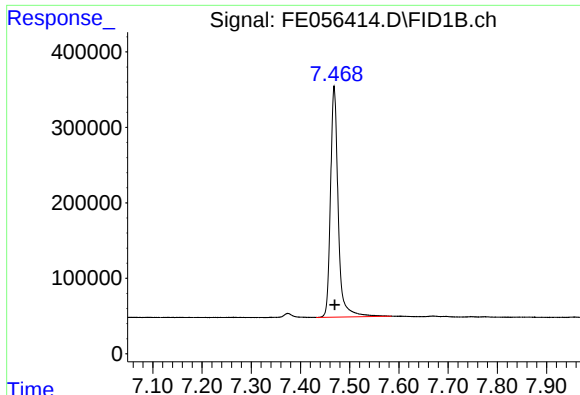
#3 A~Naphthalene (C11.7)

R.T.: 6.368 min
Delta R.T.: -0.001 min
Response: 3473831
Conc: 19.65 ug/ml



#4 n-Dodecane (C12)

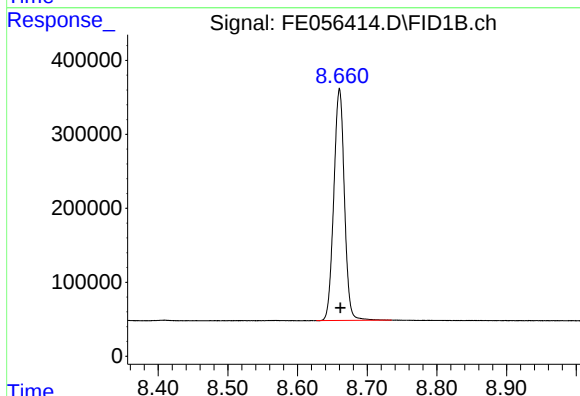
R.T.: 6.824 min
Delta R.T.: -0.002 min
Response: 3370911
Conc: 20.09 ug/ml



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

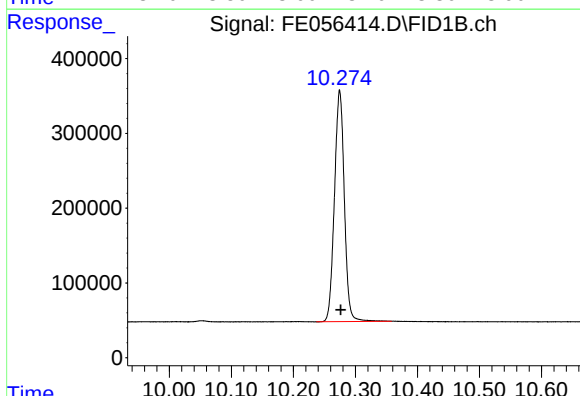
R.T.: 7.469 min
Delta R.T.: -0.001 min
Response: 3329692
Conc: 19.98 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



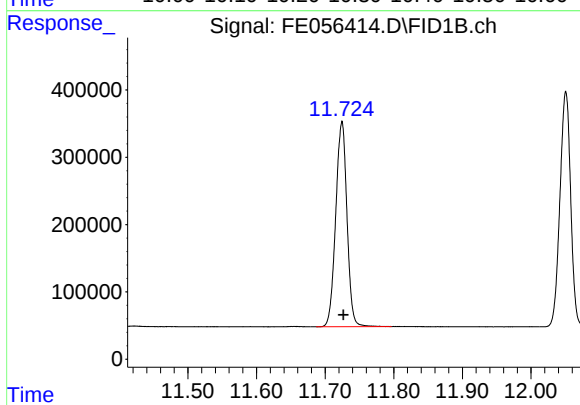
#6 n-Tetradecane (C14)

R.T.: 8.660 min
Delta R.T.: -0.002 min
Response: 3320342
Conc: 19.99 ug/ml



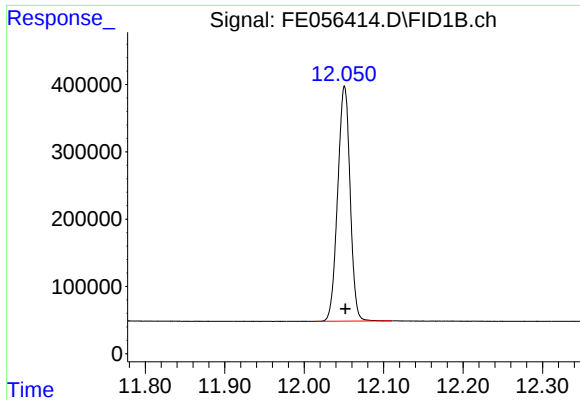
#7 n-Hexadecane (C16)

R.T.: 10.275 min
Delta R.T.: -0.002 min
Response: 3423001
Conc: 19.56 ug/ml



#8 n-Octadecane (C18)

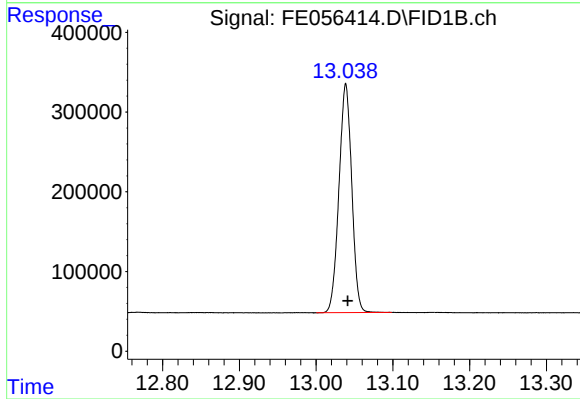
R.T.: 11.724 min
Delta R.T.: -0.002 min
Response: 3470594
Conc: 19.03 ug/ml



#9 ortho-Terphenyl (SURR)

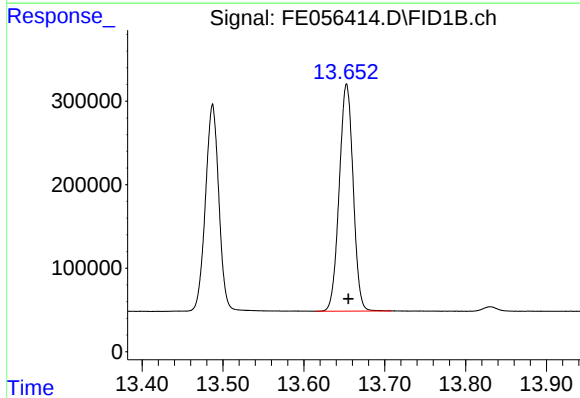
R.T.: 12.051 min
Delta R.T.: -0.001 min
Response: 3798661
Conc: 18.59 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



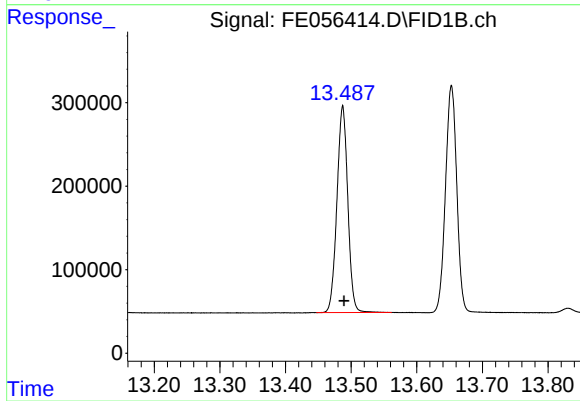
#10 n-Eicosane (C20)

R.T.: 13.039 min
Delta R.T.: -0.002 min
Response: 3320072
Conc: 18.65 ug/ml



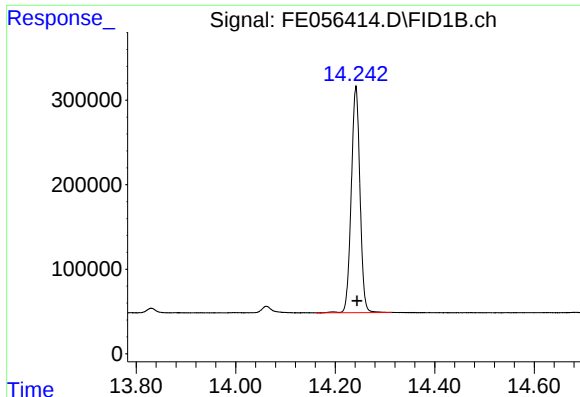
#11 n-Heneicosane (C21)

R.T.: 13.653 min
Delta R.T.: -0.002 min
Response: 3248379
Conc: 18.51 ug/ml



#12 1-chlorooctadecane (SURR)

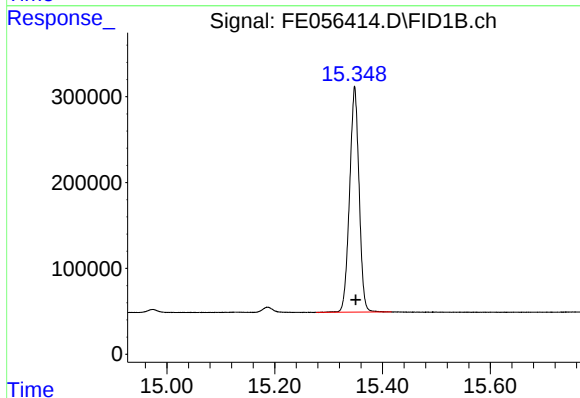
R.T.: 13.487 min
Delta R.T.: -0.002 min
Response: 2849479
Conc: 18.68 ug/ml



#13 n-Docosane (C22)

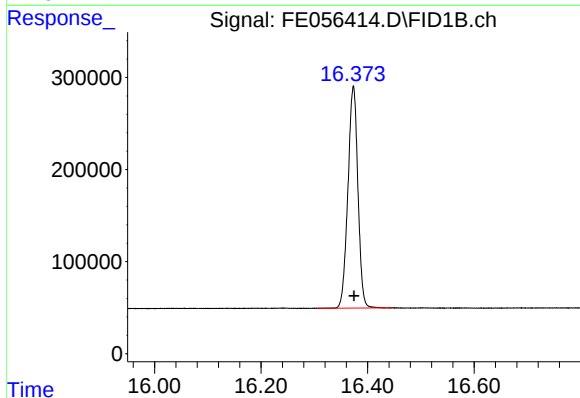
R.T.: 14.242 min
Delta R.T.: -0.002 min
Response: 3249666
Conc: 18.36 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



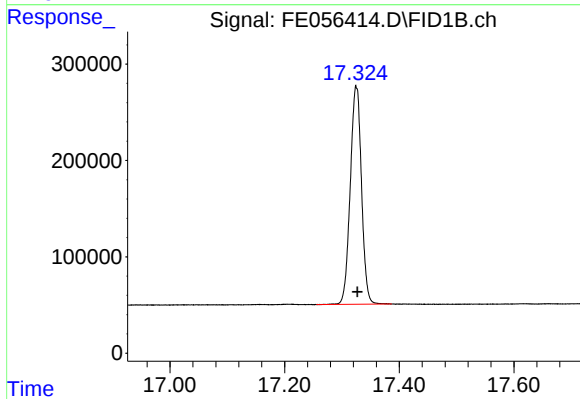
#14 n-Tetracosane (C24)

R.T.: 15.348 min
Delta R.T.: -0.002 min
Response: 3217928
Conc: 17.69 ug/ml



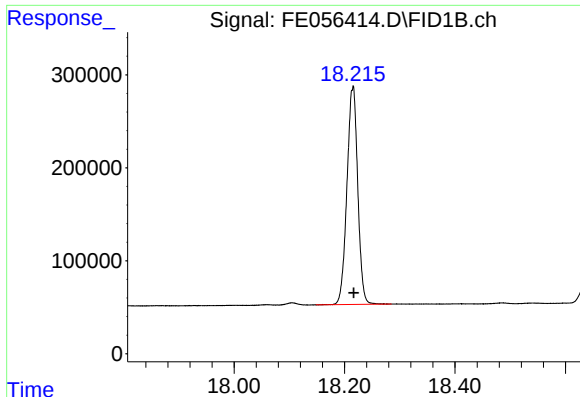
#15 n-Hexacosane (C26)

R.T.: 16.373 min
Delta R.T.: -0.001 min
Response: 3137356
Conc: 17.48 ug/ml



#16 n-Octacosane (C28)

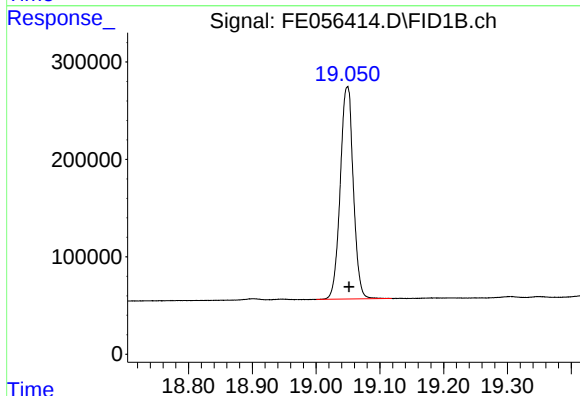
R.T.: 17.325 min
Delta R.T.: -0.002 min
Response: 3080846
Conc: 17.32 ug/ml



#17 n-Tricontane (C30)

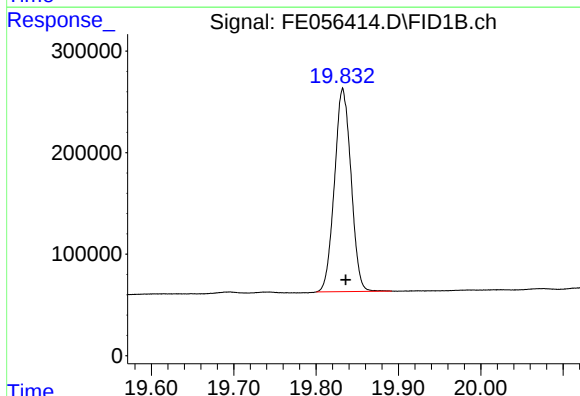
R.T.: 18.215 min
Delta R.T.: -0.002 min
Response: 3182188
Conc: 17.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



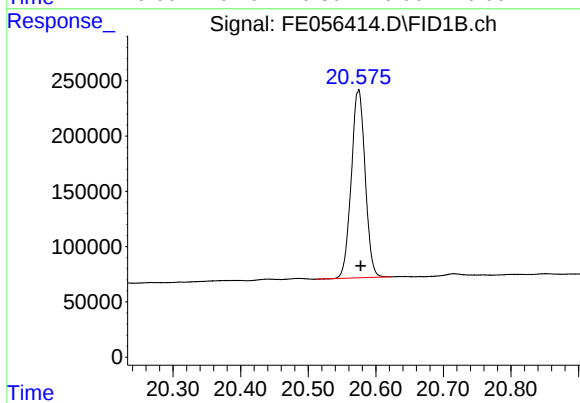
#18 n-Dotriacontane (C32)

R.T.: 19.049 min
Delta R.T.: -0.003 min
Response: 3102192
Conc: 17.60 ug/ml



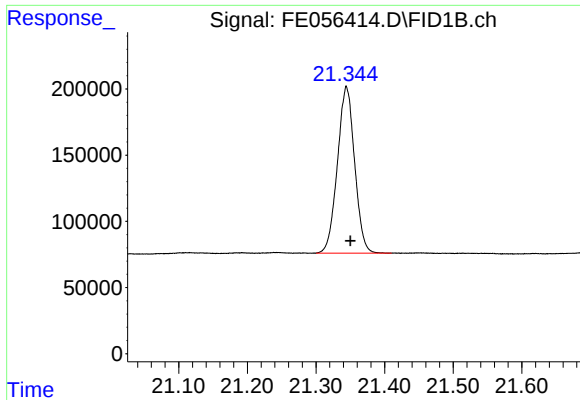
#19 n-Tetratriacontane (C34)

R.T.: 19.833 min
Delta R.T.: -0.003 min
Response: 2798131
Conc: 18.08 ug/ml



#20 n-Hexatriacontane (C36)

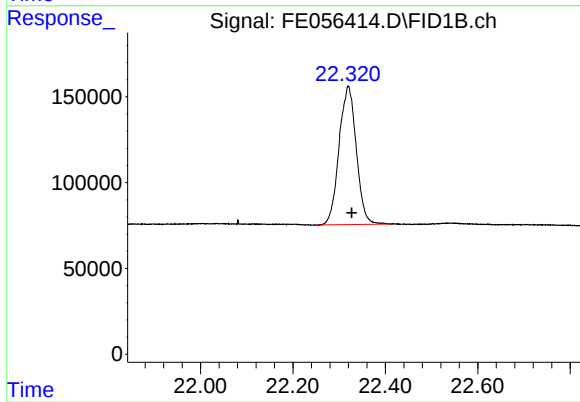
R.T.: 20.574 min
Delta R.T.: -0.003 min
Response: 2422215
Conc: 19.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.344 min
Delta R.T.: -0.006 min
Response: 2190036
Conc: 20.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.320 min
Delta R.T.: -0.007 min
Response: 2087192
Conc: 23.00 ug/ml