

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101025AL\
 Data File : FE056298.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2025 11:36
 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: autoint1.e
 Quant Time: Oct 10 20:53:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.060	3718432	19.816 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
12) S 1-chlorooctadecane (S...	13.496	2775581	19.887 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T n-Nonane (C9)	3.404	2111687	15.415 ug/ml
2) T n-Decane (C10)	4.663	2276740	16.313 ug/ml
3) T A~Naphthalene (C11.7)	6.381	2833869	17.749 ug/ml
4) T n-Dodecane (C12)	6.837	2490301	17.351 ug/ml
5) T A~2-methylnaphthalene...	7.481	2859362	18.386 ug/ml
6) T n-Tetradecane (C14)	8.672	2721438	18.407 ug/ml
7) T n-Hexadecane (C16)	10.286	3079929	19.382 ug/ml
8) T n-Octadecane (C18)	11.734	3351193	19.785 ug/ml
10) T n-Eicosane (C20)	13.048	3299422	19.904 ug/ml
11) T n-Heneicosane (C21)	13.662	3216019	19.792 ug/ml
13) T n-Docosane (C22)	14.250	3153300	19.734 ug/ml
14) T n-Tetracosane (C24)	15.356	3029086	19.878 ug/ml
15) T n-Hexacosane (C26)	16.379	2816493	19.747 ug/ml
16) T n-Octacosane (C28)	17.332	2767802	19.869 ug/ml
17) T n-Tricontane (C30)	18.221	2957189	19.957 ug/ml
18) T n-Dotriacontane (C32)	19.055	3097238	20.759 ug/ml
19) T n-Tetratriacontane (C34)	19.840	2964391	20.957 ug/ml
20) T n-Hexatriacontane (C36)	20.581	2608742	20.322 ug/ml
21) T n-Octatriacontane (C38)	21.351	2439417	18.573 ug/ml
22) T n-Tetracontane (C40)	22.327	2159000	18.148 ug/ml

(f)=RT Delta > 1/2 Window

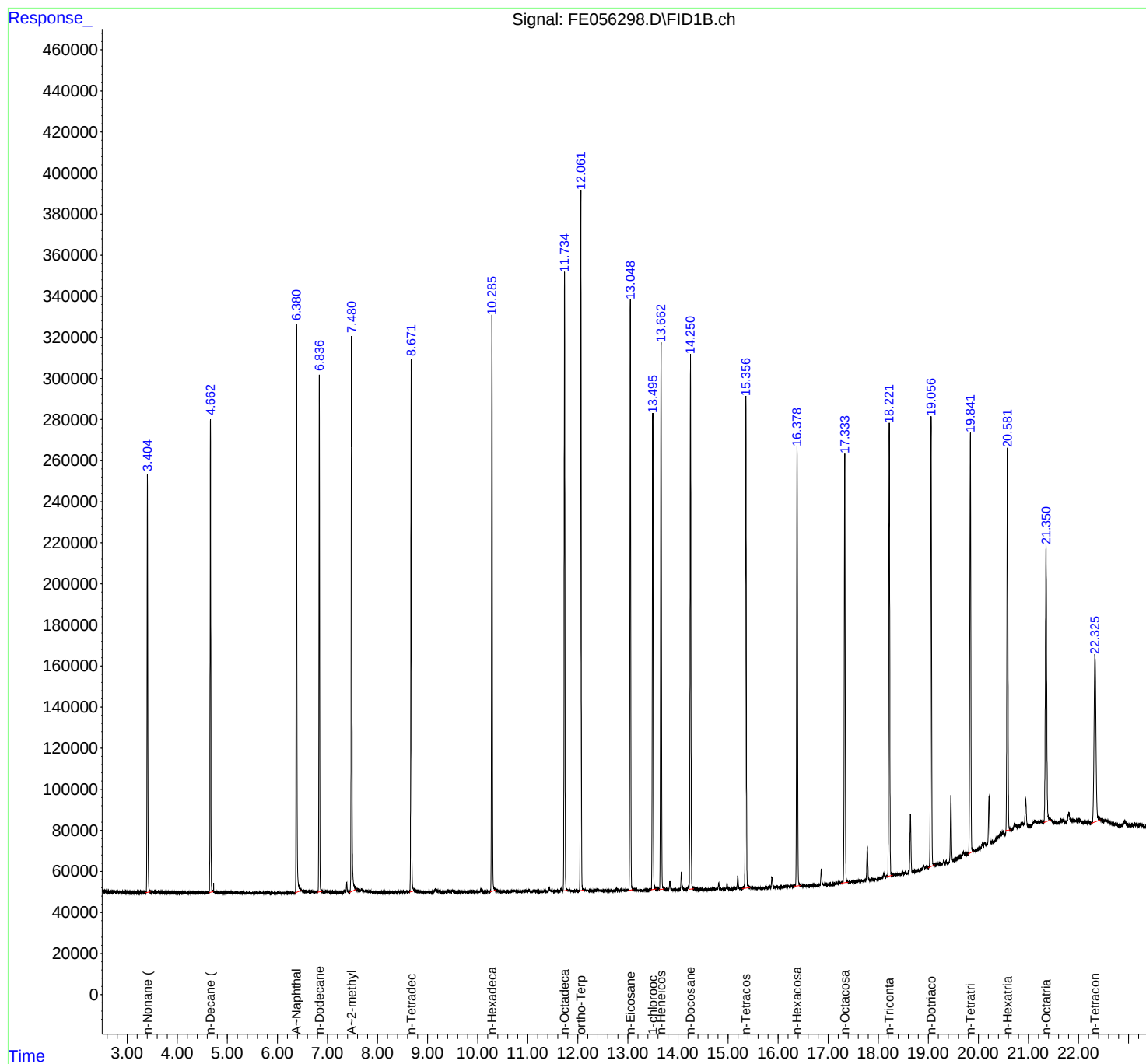
(m)=manual int.

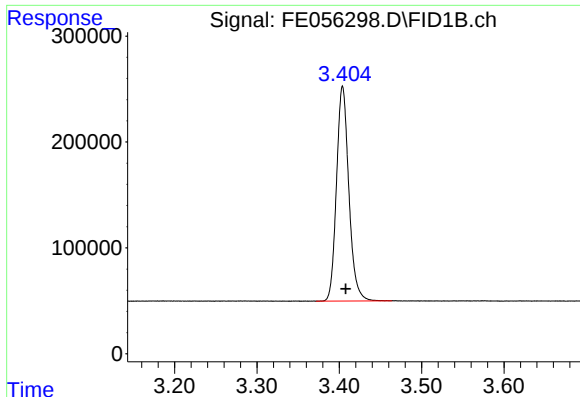
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101025AL\
Data File : FE056298.D
Signal(s) : FID1B.ch
Acq On : 10 Oct 2025 11:36
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Oct 10 20:53:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
Quant Title : GC Extractables
QLast Update : Wed Sep 24 12:55:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

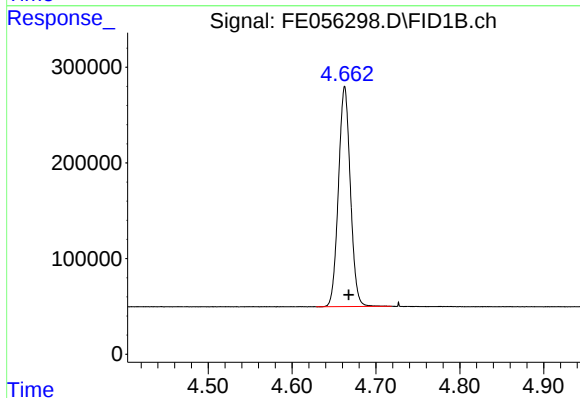




#1 n-Nonane (C9)

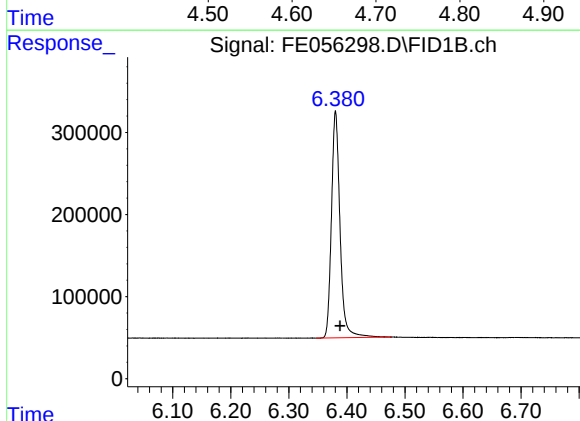
R.T.: 3.404 min
Delta R.T.: -0.004 min
Response: 2111687
Conc: 15.41 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



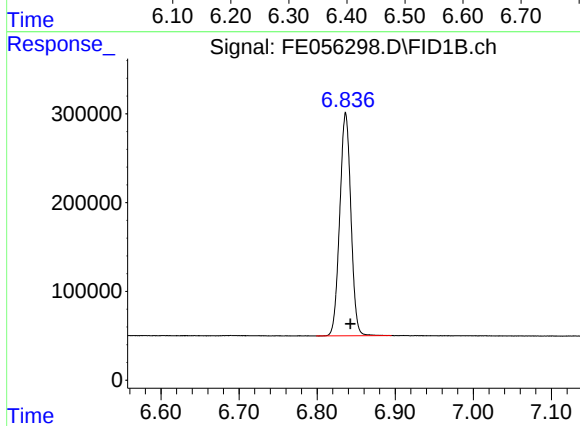
#2 n-Decane (C10)

R.T.: 4.663 min
Delta R.T.: -0.005 min
Response: 2276740
Conc: 16.31 ug/ml



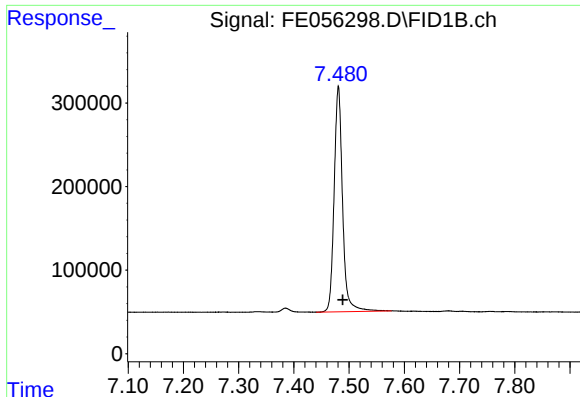
#3 A~Naphthalene (C11.7)

R.T.: 6.381 min
Delta R.T.: -0.008 min
Response: 2833869
Conc: 17.75 ug/ml



#4 n-Dodecane (C12)

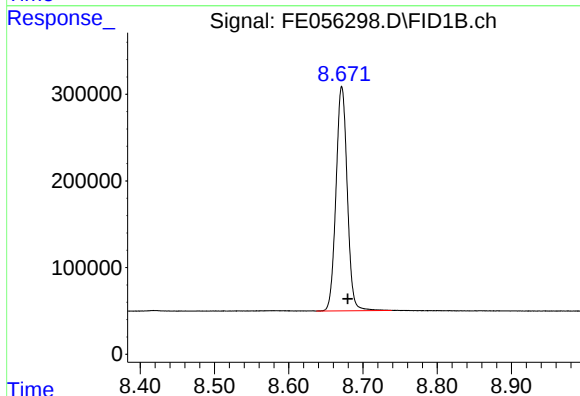
R.T.: 6.837 min
Delta R.T.: -0.006 min
Response: 2490301
Conc: 17.35 ug/ml



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

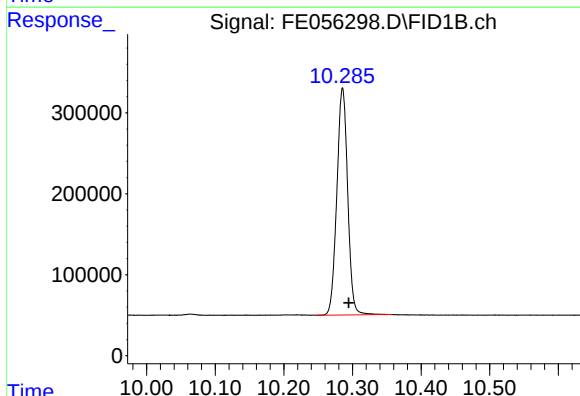
R.T.: 7.481 min
Delta R.T.: -0.008 min
Response: 2859362
Conc: 18.39 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



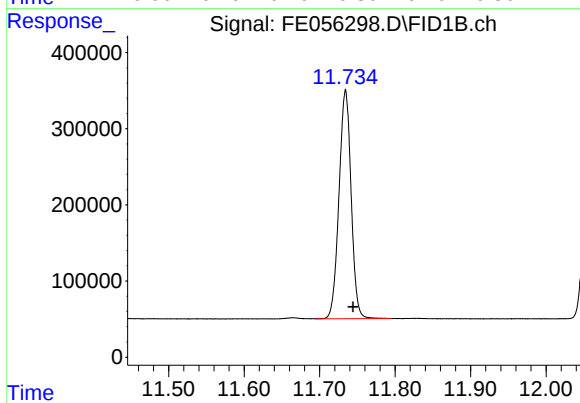
#6 n-Tetradecane (C14)

R.T.: 8.672 min
Delta R.T.: -0.008 min
Response: 2721438
Conc: 18.41 ug/ml



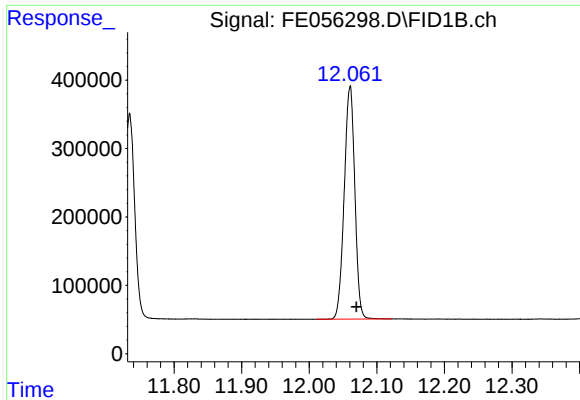
#7 n-Hexadecane (C16)

R.T.: 10.286 min
Delta R.T.: -0.009 min
Response: 3079929
Conc: 19.38 ug/ml



#8 n-Octadecane (C18)

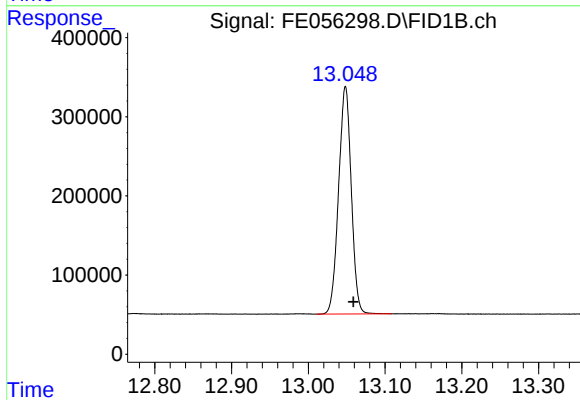
R.T.: 11.734 min
Delta R.T.: -0.010 min
Response: 3351193
Conc: 19.78 ug/ml



#9 ortho-Terphenyl (SURR)

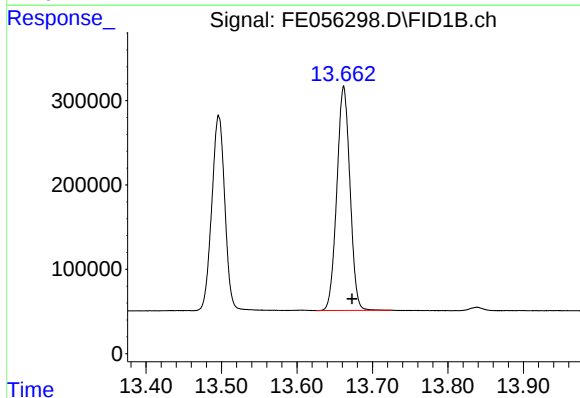
R.T.: 12.060 min
Delta R.T.: -0.010 min
Response: 3718432
Conc: 19.82 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



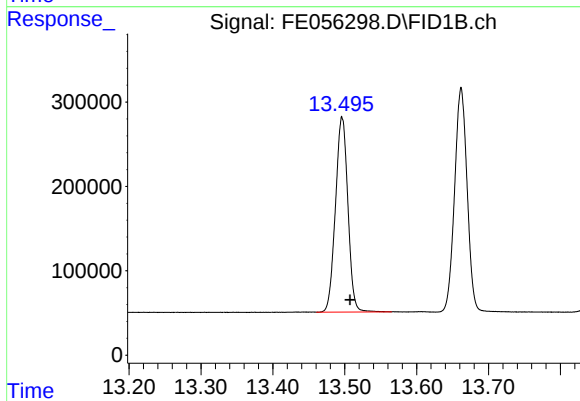
#10 n-Eicosane (C20)

R.T.: 13.048 min
Delta R.T.: -0.010 min
Response: 3299422
Conc: 19.90 ug/ml



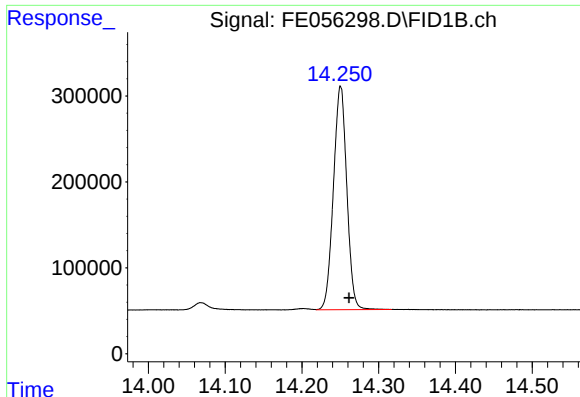
#11 n-Heneicosane (C21)

R.T.: 13.662 min
Delta R.T.: -0.011 min
Response: 3216019
Conc: 19.79 ug/ml



#12 1-chlorooctadecane (SURR)

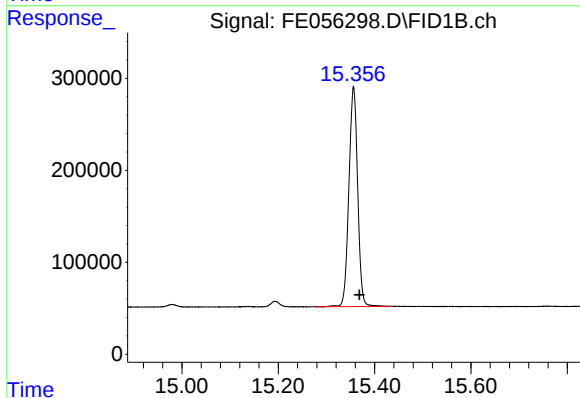
R.T.: 13.496 min
Delta R.T.: -0.011 min
Response: 2775581
Conc: 19.89 ug/ml



#13 n-Docosane (C22)

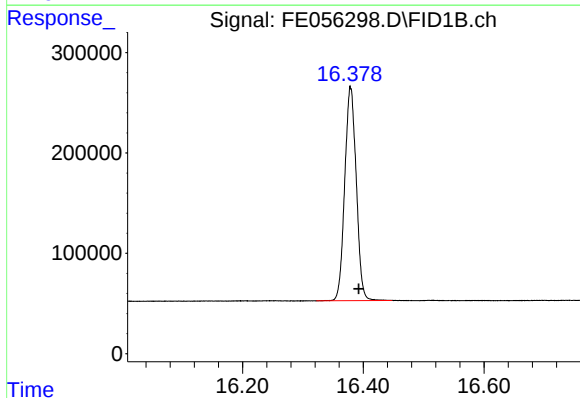
R.T.: 14.250 min
Delta R.T.: -0.011 min
Response: 3153300
Conc: 19.73 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



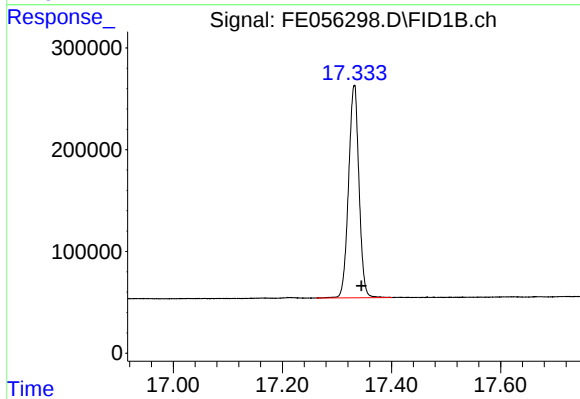
#14 n-Tetracosane (C24)

R.T.: 15.356 min
Delta R.T.: -0.012 min
Response: 3029086
Conc: 19.88 ug/ml



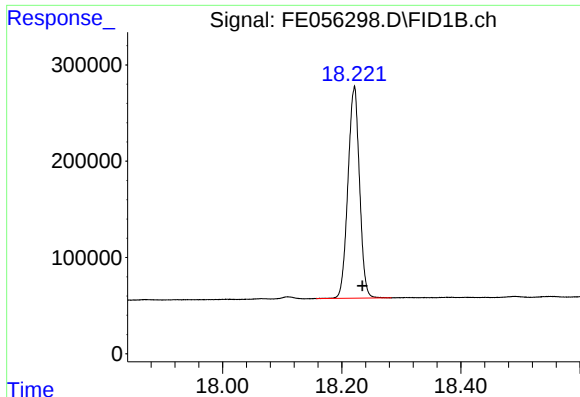
#15 n-Hexacosane (C26)

R.T.: 16.379 min
Delta R.T.: -0.014 min
Response: 2816493
Conc: 19.75 ug/ml



#16 n-Octacosane (C28)

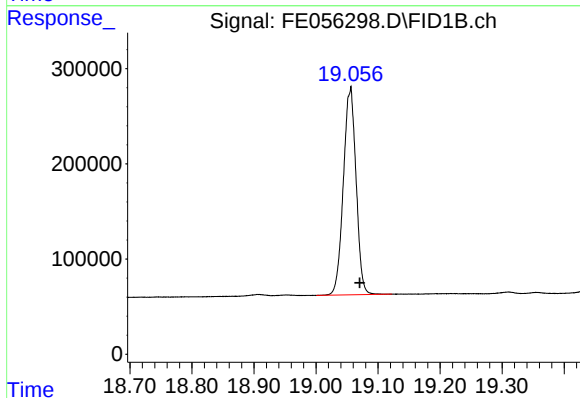
R.T.: 17.332 min
Delta R.T.: -0.013 min
Response: 2767802
Conc: 19.87 ug/ml



#17 n-Tricontane (C30)

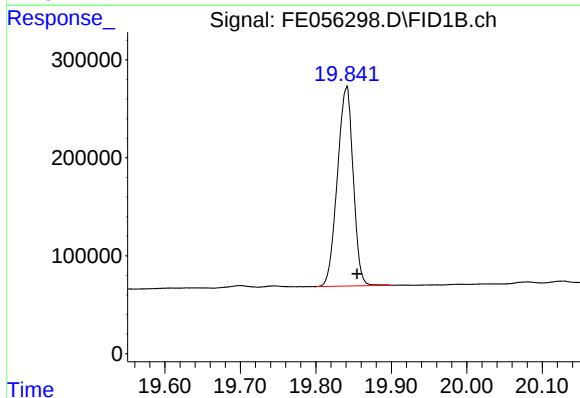
R.T.: 18.221 min
Delta R.T.: -0.014 min
Response: 2957189
Conc: 19.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



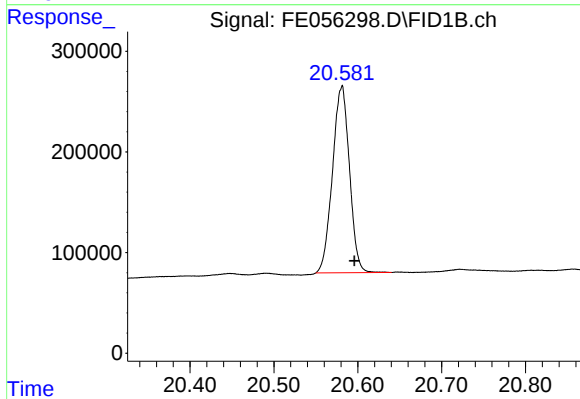
#18 n-Dotriacontane (C32)

R.T.: 19.055 min
Delta R.T.: -0.015 min
Response: 3097238
Conc: 20.76 ug/ml



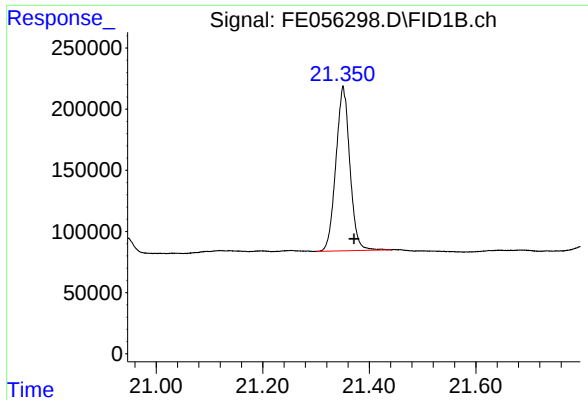
#19 n-Tetratriacontane (C34)

R.T.: 19.840 min
Delta R.T.: -0.015 min
Response: 2964391
Conc: 20.96 ug/ml



#20 n-Hexatriacontane (C36)

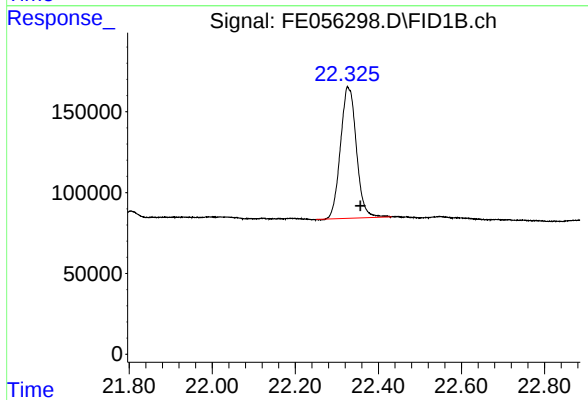
R.T.: 20.581 min
Delta R.T.: -0.015 min
Response: 2608742
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.351 min
Delta R.T.: -0.021 min
Response: 2439417
Conc: 18.57 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.327 min
Delta R.T.: -0.029 min
Response: 2159000
Conc: 18.15 ug/ml