

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051623AL\
 Data File : FE041931.D
 Signal(s) : FID1B.ch
 Acq On : 16 May 2023 09:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 16 11:00:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 2023
 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)	11.972	3569523	19.026 ug/ml
Spiked Amount 50.000		Recovery =	38.05%
12) S 1-chlorooctadecane (S...	13.409	2694751	19.075 ug/ml
Spiked Amount 50.000		Recovery =	38.15%
Target Compounds			
1) T n-Nonane (C9)	3.347	2702205	18.383 ug/ml
2) T n-Decane (C10)	4.600	2904940	19.369 ug/ml
3) T A~Naphthalene (C11.7)	6.308	3214969	19.427 ug/ml
4) T n-Dodecane (C12)	6.769	2939538	19.334 ug/ml
5) T A~2-methylnaphthalene...	7.406	3131791	19.422 ug/ml
6) T n-Tetradecane (C14)	8.599	2957336	19.468 ug/ml
7) T n-Hexadecane (C16)	10.208	3105341	19.459 ug/ml
8) T n-Octadecane (C18)	11.652	3190678	19.466 ug/ml
10) T n-Eicosane (C20)	12.963	3080401	19.151 ug/ml
11) T n-Heneicosane (C21)	13.575	3015739	18.923 ug/ml
13) T n-Docosane (C22)	14.162	3009310	18.887 ug/ml
14) T n-Tetracosane (C24)	15.265	3002606	18.624 ug/ml
15) T n-Hexacosane (C26)	16.287	2926546	18.511 ug/ml
16) T n-Octacosane (C28)	17.236	2977246	19.349 ug/ml
17) T n-Tricontane (C30)	18.124	3219078	21.136 ug/ml
18) T n-Dotriacontane (C32)	18.956	3233226	21.703 ug/ml
19) T n-Tetratriacontane (C34)	19.741	3008870	21.358 ug/ml
20) T n-Hexatriacontane (C36)	20.482	2789167	20.857 ug/ml
21) T n-Octatriacontane (C38)	21.235	2776146	21.010 ug/ml
22) T n-Tetracontane (C40)	22.173	2702266	21.343 ug/ml

(f)=RT Delta > 1/2 Window

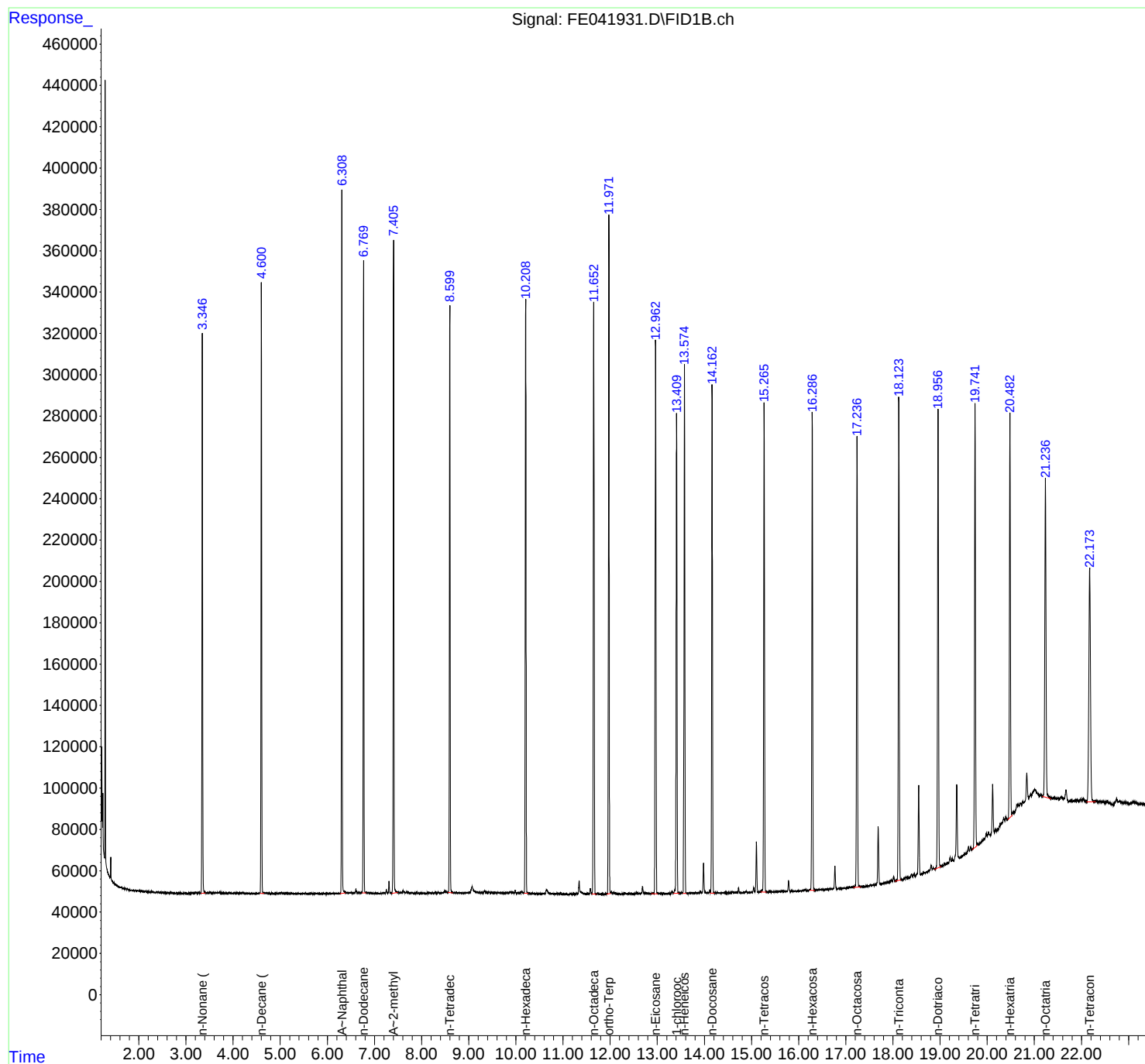
(m)=manual int.

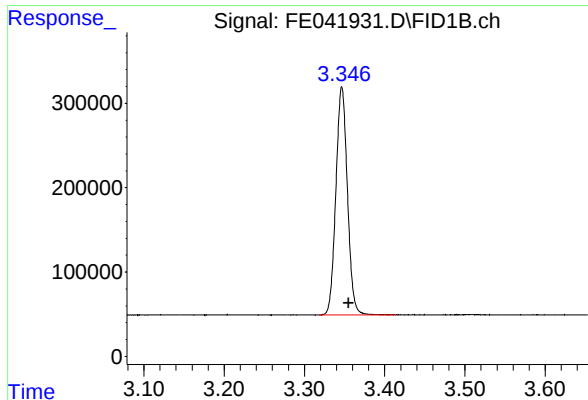
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051623AL\
Data File : FE041931.D
Signal(s) : FID1B.ch
Acq On : 16 May 2023 09:22
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: May 16 11:00:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 07:33:51 2023
Response via : Initial Calibration
Integrator: ChemStation

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

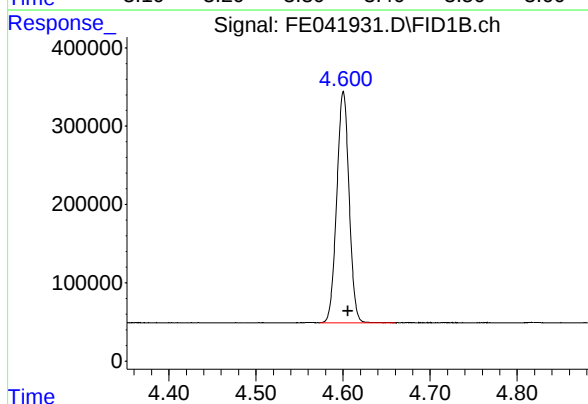




#1 n-Nonane (C9)

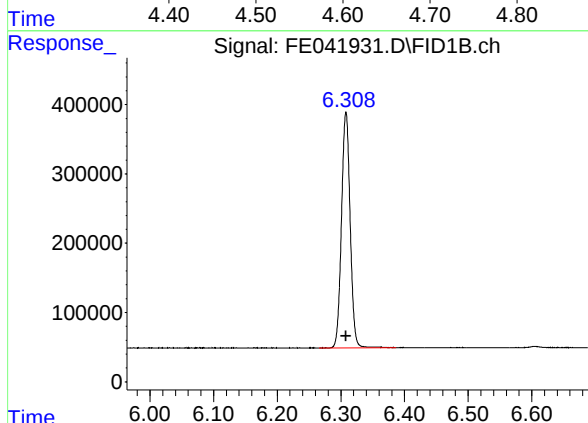
R.T.: 3.347 min
Delta R.T.: -0.008 min
Response: 2702205
Conc: 18.38 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



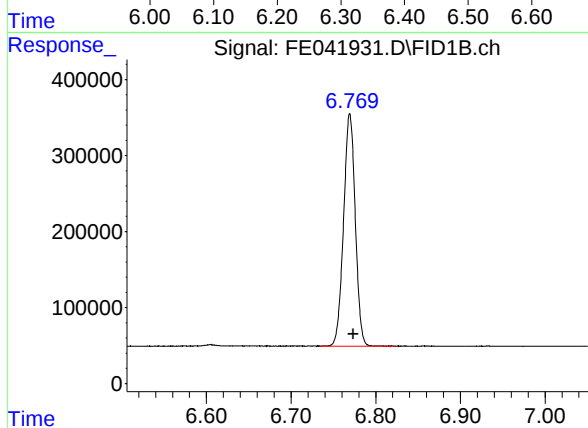
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: -0.005 min
Response: 2904940
Conc: 19.37 ug/ml



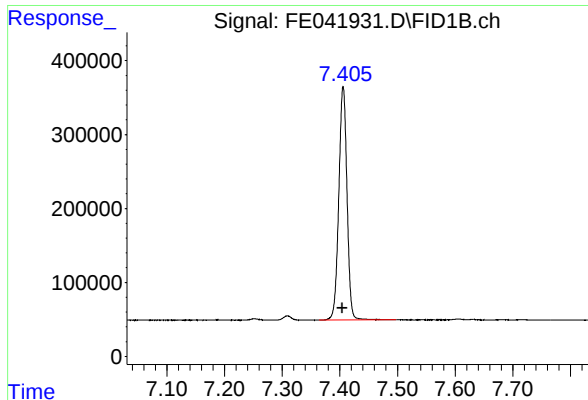
#3 A~Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 3214969
Conc: 19.43 ug/ml



#4 n-Dodecane (C12)

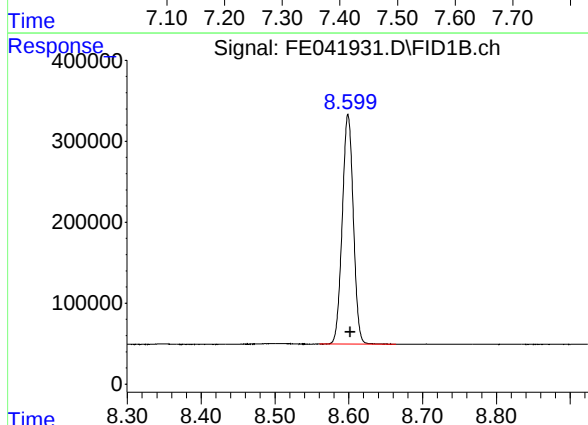
R.T.: 6.769 min
Delta R.T.: -0.004 min
Response: 2939538
Conc: 19.33 ug/ml



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

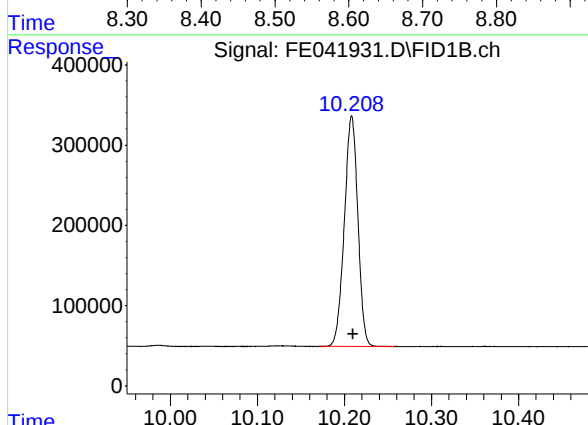
R.T.: 7.406 min
Delta R.T.: 0.001 min
Response: 3131791
Conc: 19.42 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



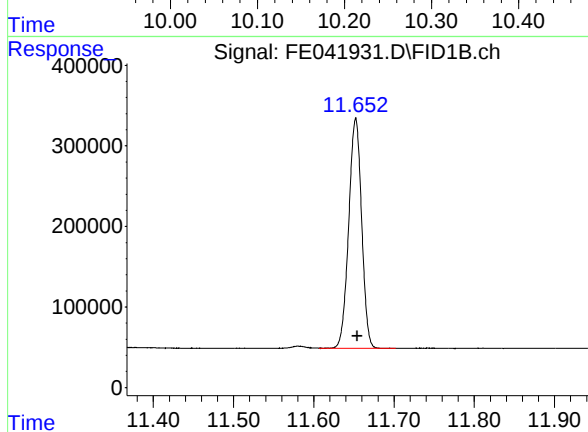
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 2957336
Conc: 19.47 ug/ml



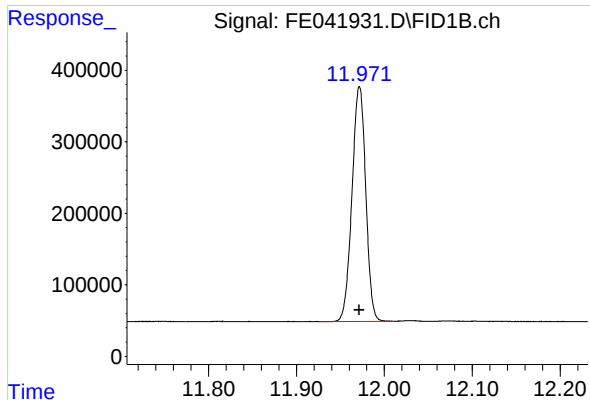
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: -0.002 min
Response: 3105341
Conc: 19.46 ug/ml



#8 n-Octadecane (C18)

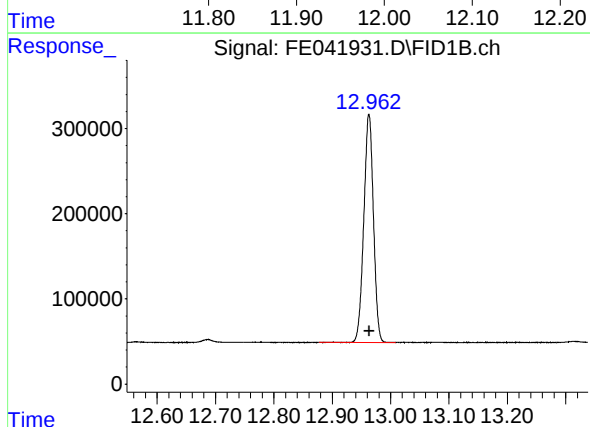
R.T.: 11.652 min
Delta R.T.: -0.002 min
Response: 3190678
Conc: 19.47 ug/ml



#9 ortho-Terphenyl (SURR)

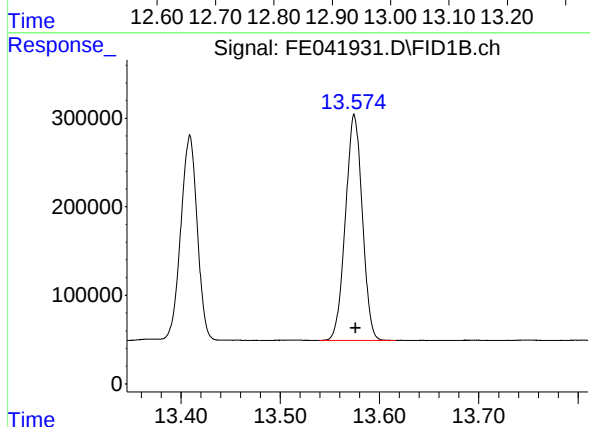
R.T.: 11.972 min
Delta R.T.: 0.000 min
Response: 3569523
Conc: 19.03 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



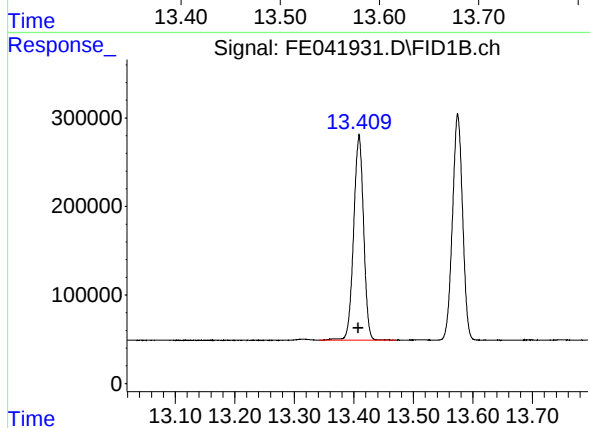
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.000 min
Response: 3080401
Conc: 19.15 ug/ml



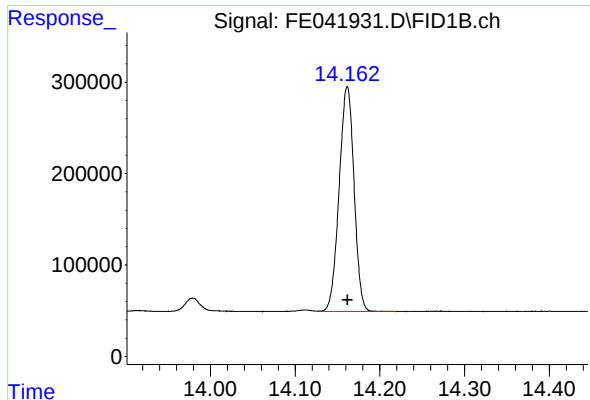
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: -0.001 min
Response: 3015739
Conc: 18.92 ug/ml



#12 1-chlorooctadecane (SURR)

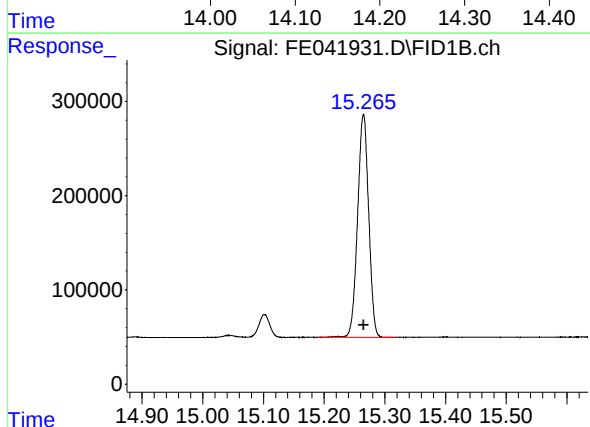
R.T.: 13.409 min
Delta R.T.: 0.001 min
Response: 2694751
Conc: 19.08 ug/ml



#13 n-Docosane (C22)

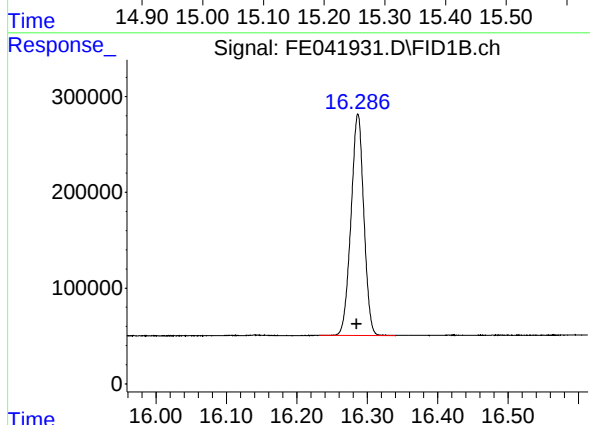
R.T.: 14.162 min
Delta R.T.: 0.000 min
Response: 3009310
Conc: 18.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



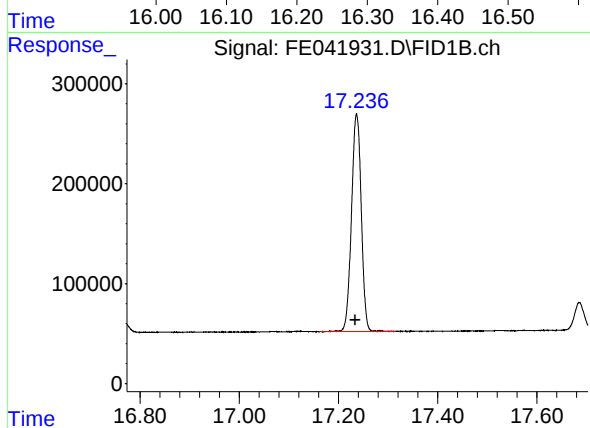
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: 0.000 min
Response: 3002606
Conc: 18.62 ug/ml



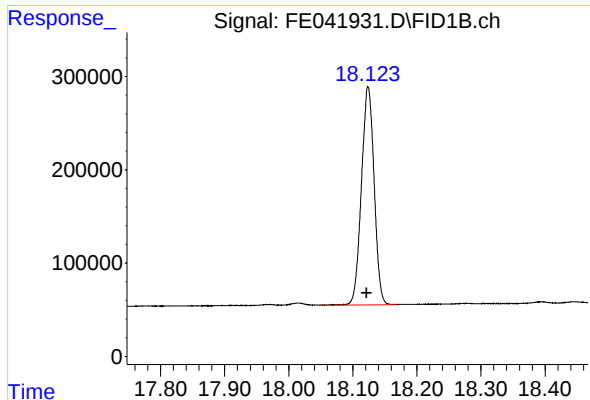
#15 n-Hexacosane (C26)

R.T.: 16.287 min
Delta R.T.: 0.002 min
Response: 2926546
Conc: 18.51 ug/ml



#16 n-Octacosane (C28)

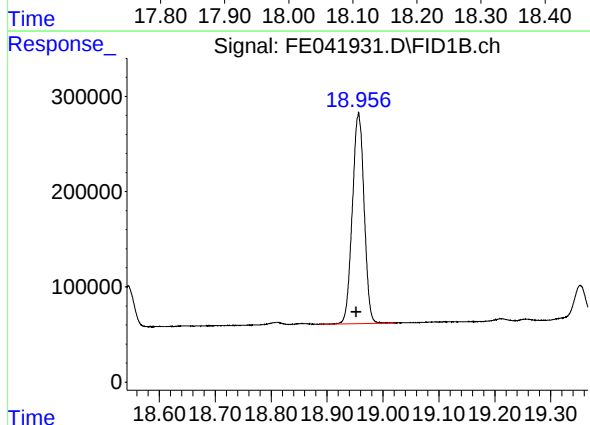
R.T.: 17.236 min
Delta R.T.: 0.002 min
Response: 2977246
Conc: 19.35 ug/ml



#17 n-Tricontane (C30)

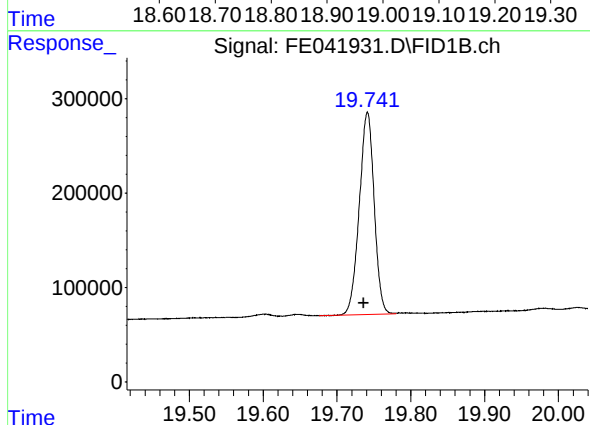
R.T.: 18.124 min
Delta R.T.: 0.002 min
Response: 3219078
Conc: 21.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



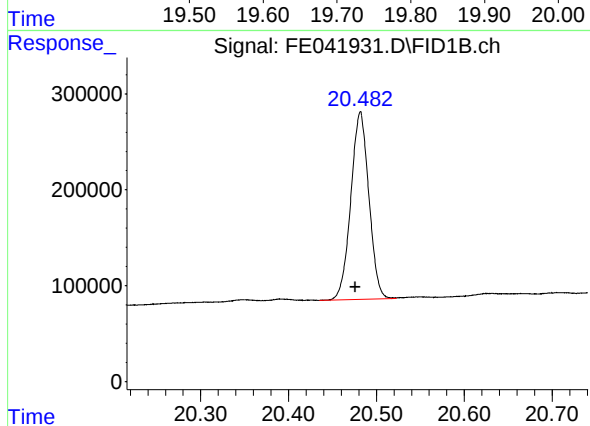
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: 0.004 min
Response: 3233226
Conc: 21.70 ug/ml



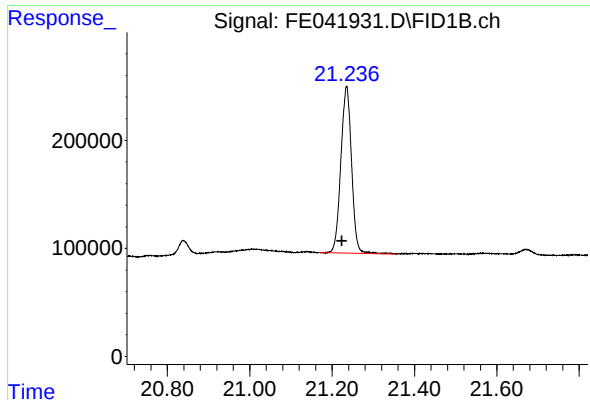
#19 n-Tetatriacontane (C34)

R.T.: 19.741 min
Delta R.T.: 0.005 min
Response: 3008870
Conc: 21.36 ug/ml



#20 n-Hexatriacontane (C36)

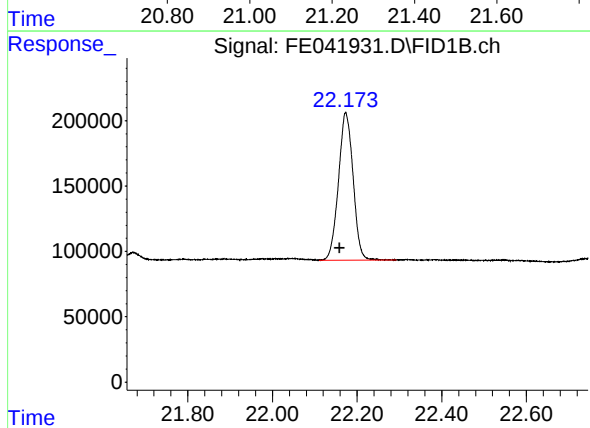
R.T.: 20.482 min
Delta R.T.: 0.006 min
Response: 2789167
Conc: 20.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.235 min
Delta R.T.: 0.011 min
Response: 2776146
Conc: 21.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.173 min
Delta R.T.: 0.014 min
Response: 2702266
Conc: 21.34 ug/ml