

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050624AL\
 Data File : FE047985.D
 Signal(s) : FID1B.ch
 Acq On : 06 May 2024 15:12
 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: May 06 15:40:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.976	2556580	17.721 ug/ml
Spiked Amount 50.000		Recovery =	35.44%
12) S 1-chlorooctadecane (S...	13.409	1968997	17.621 ug/ml
Spiked Amount 50.000		Recovery =	35.24%
Target Compounds			
1) T n-Nonane (C9)	3.352	2205115	17.110 ug/ml
2) T n-Decane (C10)	4.605	2307548	17.527 ug/ml
3) T A~Naphthalene (C11.7)	6.316	2435018	17.635 ug/ml
4) T n-Dodecane (C12)	6.772	2341383	17.563 ug/ml
5) T A~2-methylnaphthalene...	7.412	2351655	17.672 ug/ml
6) T n-Tetradecane (C14)	8.601	2330525	17.586 ug/ml
7) T n-Hexadecane (C16)	10.209	2422682	17.615 ug/ml
8) T n-Octadecane (C18)	11.654	2469283	17.727 ug/ml
10) T n-Eicosane (C20)	12.963	2398481	17.814 ug/ml
11) T n-Heneicosane (C21)	13.576	2342820	17.698 ug/ml
13) T n-Docosane (C22)	14.163	2394889	18.072 ug/ml
14) T n-Tetracosane (C24)	15.265	2502879	18.797 ug/ml
15) T n-Hexacosane (C26)	16.284	2568443	19.247 ug/ml
16) T n-Octacosane (C28)	17.235	2705218	20.318 ug/ml
17) T n-Tricontane (C30)	18.121	2892152	20.956 ug/ml
18) T n-Dotriacontane (C32)	18.954	2918344	21.128 ug/ml
19) T n-Tetratriacontane (C34)	19.737	2790352	20.484 ug/ml
20) T n-Hexatriacontane (C36)	20.477	2756534	20.359 ug/ml
21) T n-Octatriacontane (C38)	21.222	2480071	17.963 ug/ml
22) T n-Tetracontane (C40)	22.154	2301662	16.520 ug/ml

(f)=RT Delta > 1/2 Window

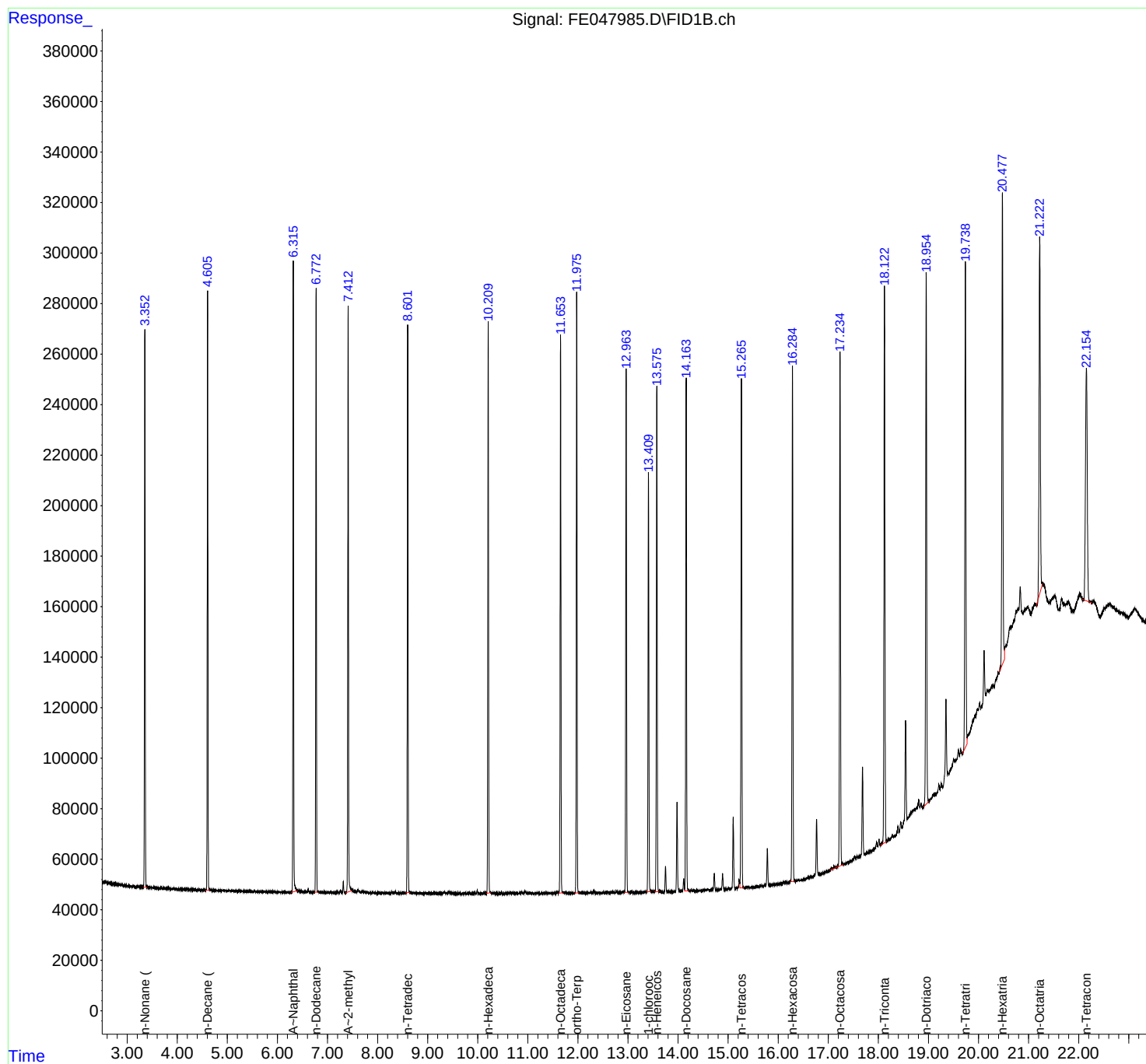
(m)=manual int.

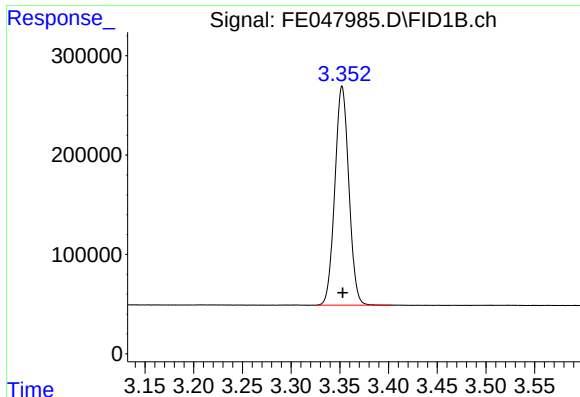
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050624AL\
Data File : FE047985.D
Signal(s) : FID1B.ch
Acq On : 06 May 2024 15:12
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: May 06 15:40:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
Quant Title : GC Extractables
QLast Update : Mon Apr 29 03:29:12 2024
Response via : Initial Calibration
Integrator: ChemStation

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

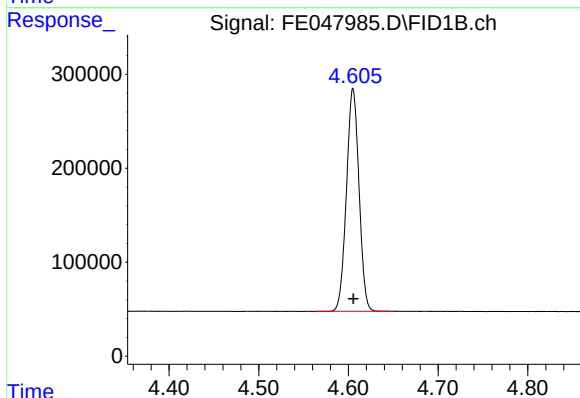




#1 n-Nonane (C9)

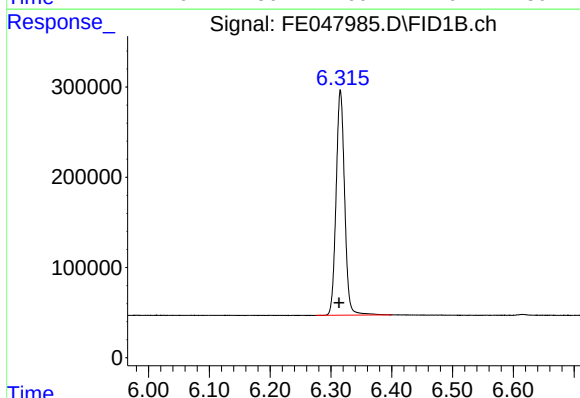
R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 2205115
Conc: 17.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



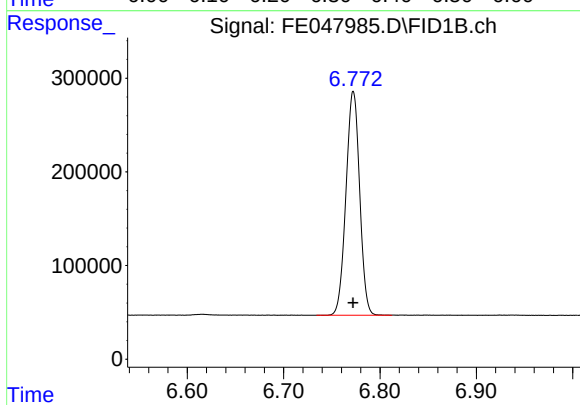
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 2307548
Conc: 17.53 ug/ml



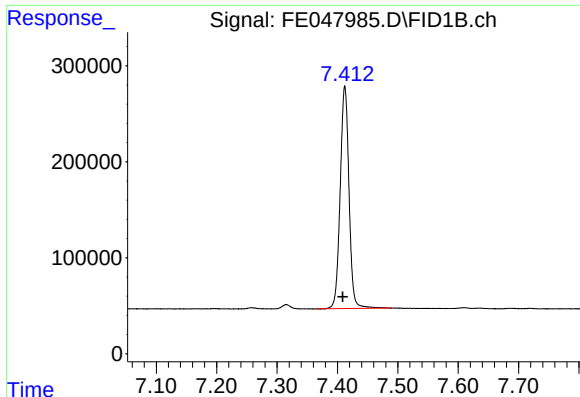
#3 A~Naphthalene (C11.7)

R.T.: 6.316 min
Delta R.T.: 0.002 min
Response: 2435018
Conc: 17.63 ug/ml



#4 n-Dodecane (C12)

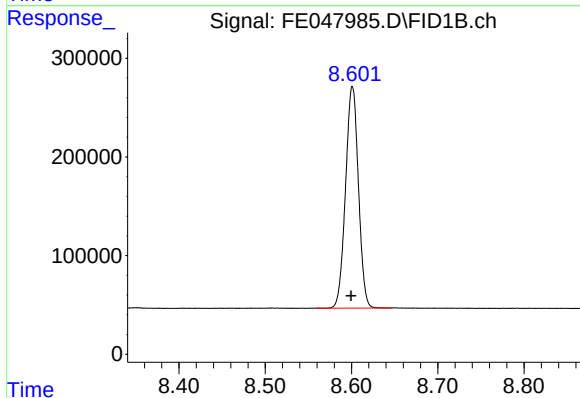
R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 2341383
Conc: 17.56 ug/ml



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

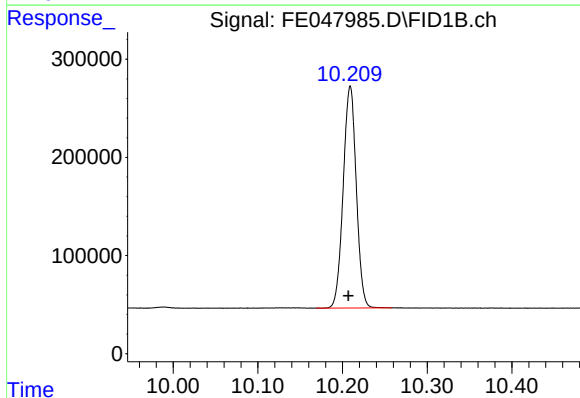
R.T.: 7.412 min
Delta R.T.: 0.003 min
Response: 2351655
Conc: 17.67 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



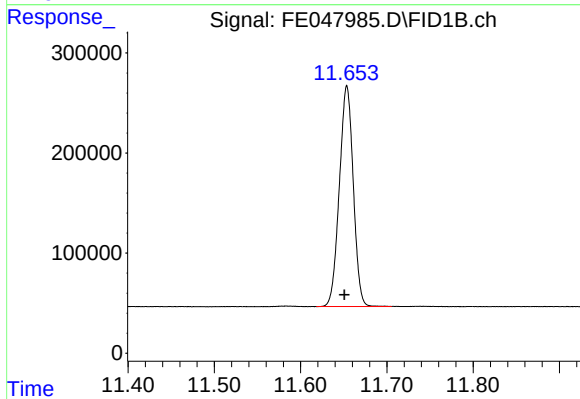
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: 0.002 min
Response: 2330525
Conc: 17.59 ug/ml



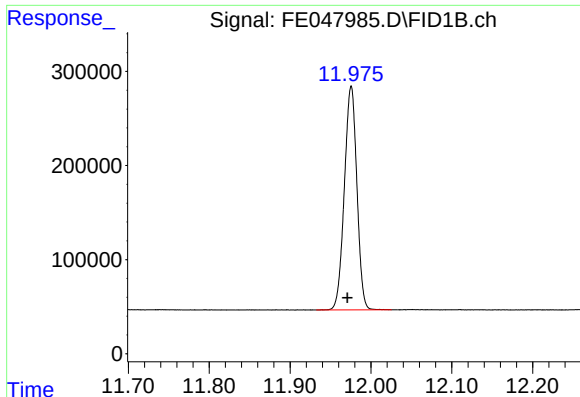
#7 n-Hexadecane (C16)

R.T.: 10.209 min
Delta R.T.: 0.002 min
Response: 2422682
Conc: 17.62 ug/ml



#8 n-Octadecane (C18)

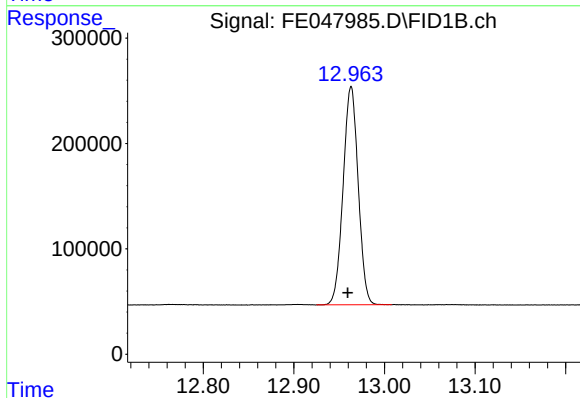
R.T.: 11.654 min
Delta R.T.: 0.003 min
Response: 2469283
Conc: 17.73 ug/ml



#9 ortho-Terphenyl (SURR)

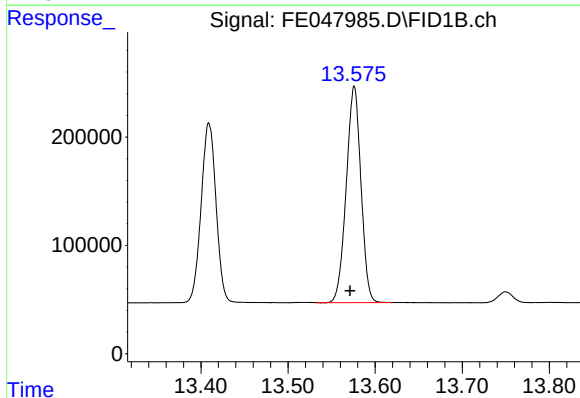
R.T.: 11.976 min
Delta R.T.: 0.005 min
Response: 2556580
Conc: 17.72 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



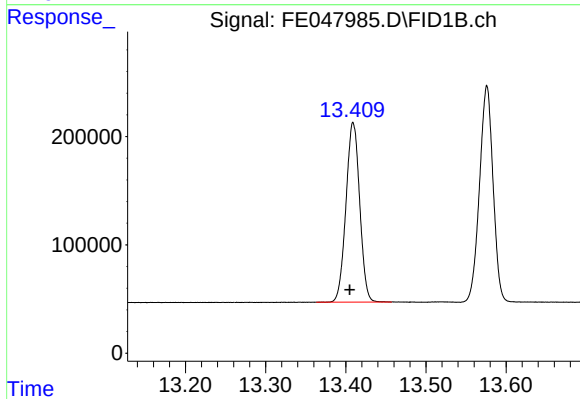
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.004 min
Response: 2398481
Conc: 17.81 ug/ml



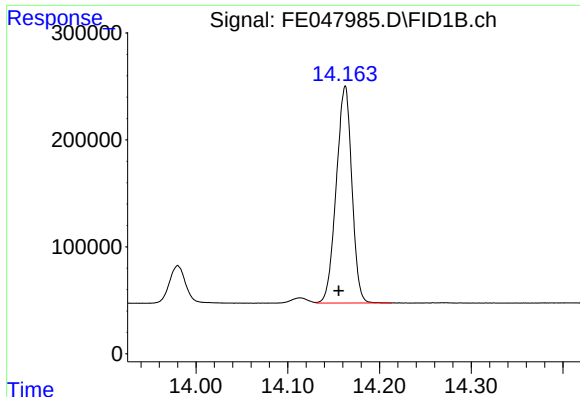
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: 0.005 min
Response: 2342820
Conc: 17.70 ug/ml



#12 1-chlorooctadecane (SURR)

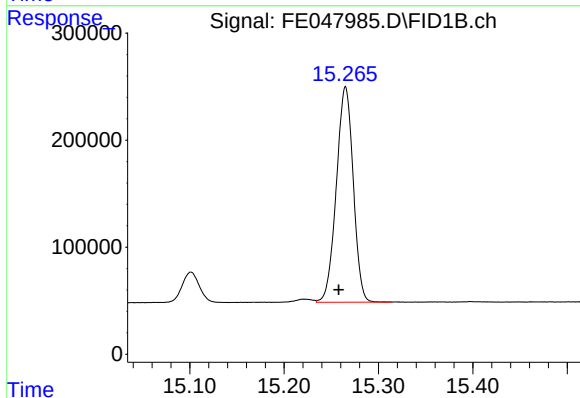
R.T.: 13.409 min
Delta R.T.: 0.004 min
Response: 1968997
Conc: 17.62 ug/ml



#13 n-Docosane (C22)

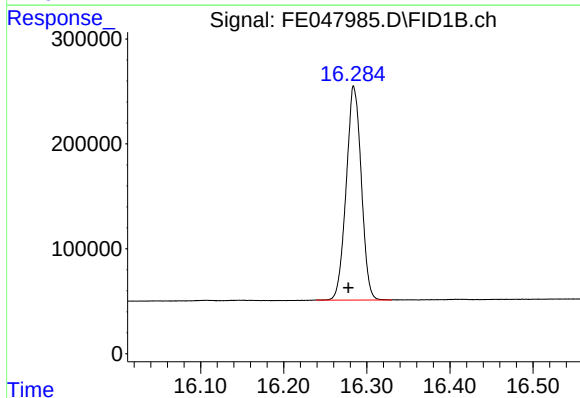
R.T.: 14.163 min
Delta R.T.: 0.007 min
Response: 2394889
Conc: 18.07 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



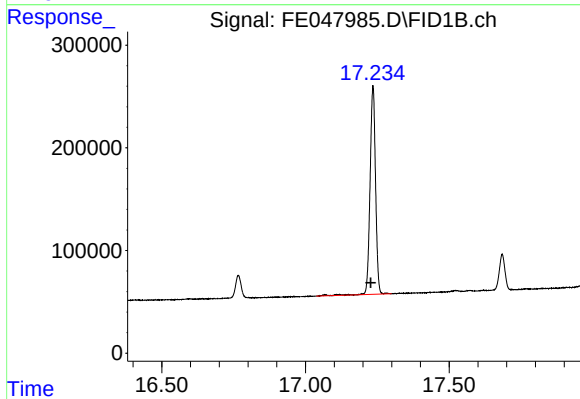
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: 0.007 min
Response: 2502879
Conc: 18.80 ug/ml



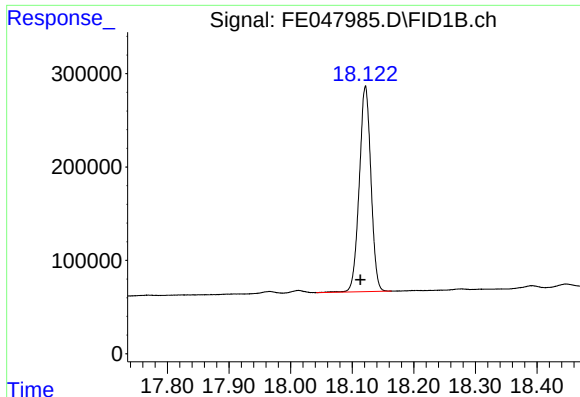
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: 0.006 min
Response: 2568443
Conc: 19.25 ug/ml



#16 n-Octacosane (C28)

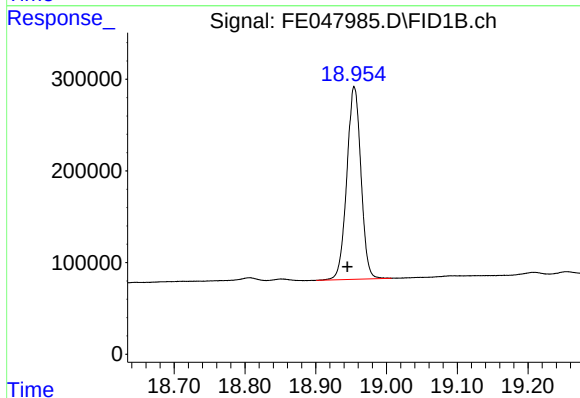
R.T.: 17.235 min
Delta R.T.: 0.008 min
Response: 2705218
Conc: 20.32 ug/ml



#17 n-Tricontane (C30)

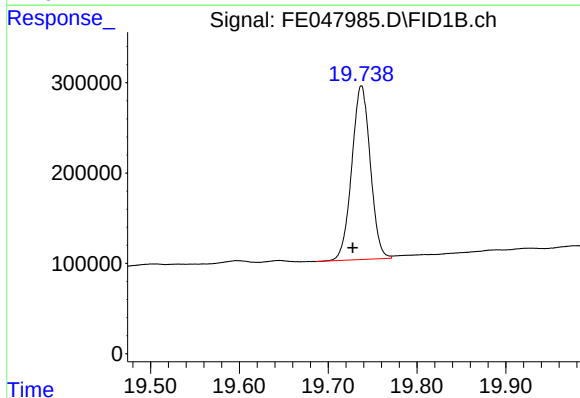
R.T.: 18.121 min
Delta R.T.: 0.008 min
Response: 2892152
Conc: 20.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



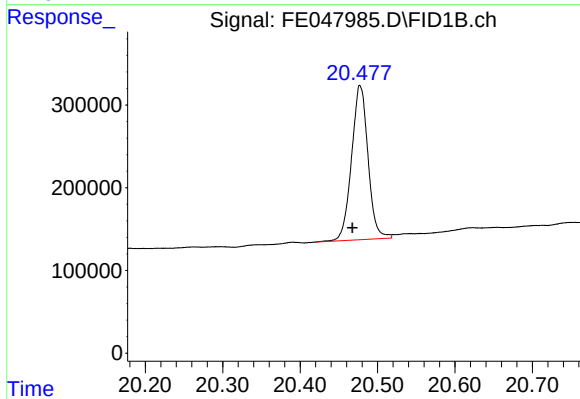
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.010 min
Response: 2918344
Conc: 21.13 ug/ml



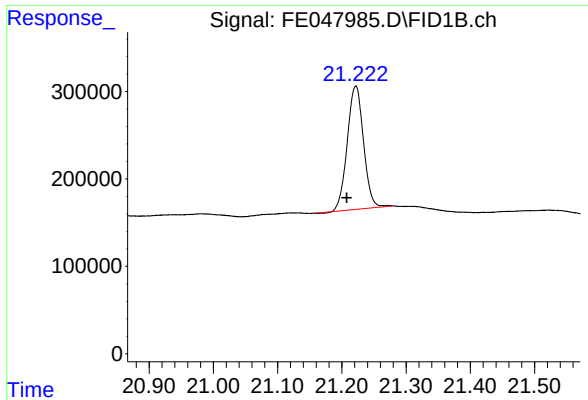
#19 n-Tetratriacontane (C34)

R.T.: 19.737 min
Delta R.T.: 0.010 min
Response: 2790352
Conc: 20.48 ug/ml



#20 n-Hexatriacontane (C36)

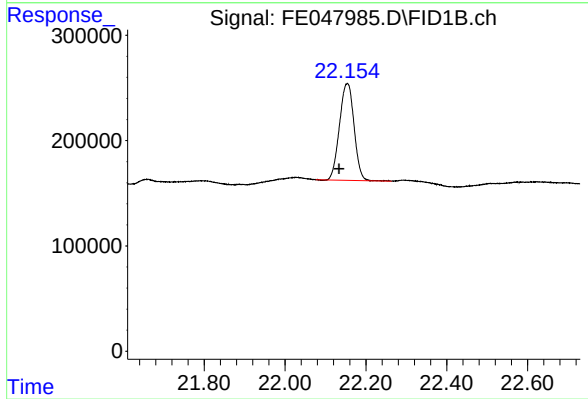
R.T.: 20.477 min
Delta R.T.: 0.010 min
Response: 2756534
Conc: 20.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: 0.014 min
Response: 2480071
Conc: 17.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.154 min
Delta R.T.: 0.020 min
Response: 2301662
Conc: 16.52 ug/ml