

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071423AL\
 Data File : FE043200.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jul 2023 12:41
 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: Jul 14 01:47:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.896	3669583	20.493 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
12) S 1-chlorooctadecane (S...	13.335	2680159	20.398 ug/ml
Spiked Amount 50.000		Recovery =	40.80%
Target Compounds			
1) T n-Nonane (C9)	3.269	3150498	20.635 ug/ml
2) T n-Decane (C10)	4.523	3234778	20.750 ug/ml
3) T A~Naphthalene (C11.7)	6.233	3418427	21.244 ug/ml
4) T n-Dodecane (C12)	6.695	3257364	20.672 ug/ml
5) T A~2-methylnaphthalene...	7.332	3219705	21.218 ug/ml
6) T n-Tetradecane (C14)	8.526	3229159	20.416 ug/ml
7) T n-Hexadecane (C16)	10.134	3323611	20.537 ug/ml
8) T n-Octadecane (C18)	11.578	3362702	20.628 ug/ml
10) T n-Eicosane (C20)	12.888	3216591	20.703 ug/ml
11) T n-Heneicosane (C21)	13.501	3120879	20.599 ug/ml
13) T n-Docosane (C22)	14.087	3059137	20.469 ug/ml
14) T n-Tetracosane (C24)	15.190	2993738	20.385 ug/ml
15) T n-Hexacosane (C26)	16.211	2875492	20.189 ug/ml
16) T n-Octacosane (C28)	17.161	2795675	19.869 ug/ml
17) T n-Tricontane (C30)	18.049	2862341	19.430 ug/ml
18) T n-Dotriacontane (C32)	18.881	2857623	19.285 ug/ml
19) T n-Tetratriacontane (C34)	19.665	2784694	19.295 ug/ml
20) T n-Hexatriacontane (C36)	20.407	2777403	18.897 ug/ml
21) T n-Octatriacontane (C38)	21.144	2639351	18.502 ug/ml
22) T n-Tetracontane (C40)	22.055	2646557	17.933 ug/ml

(f)=RT Delta > 1/2 Window

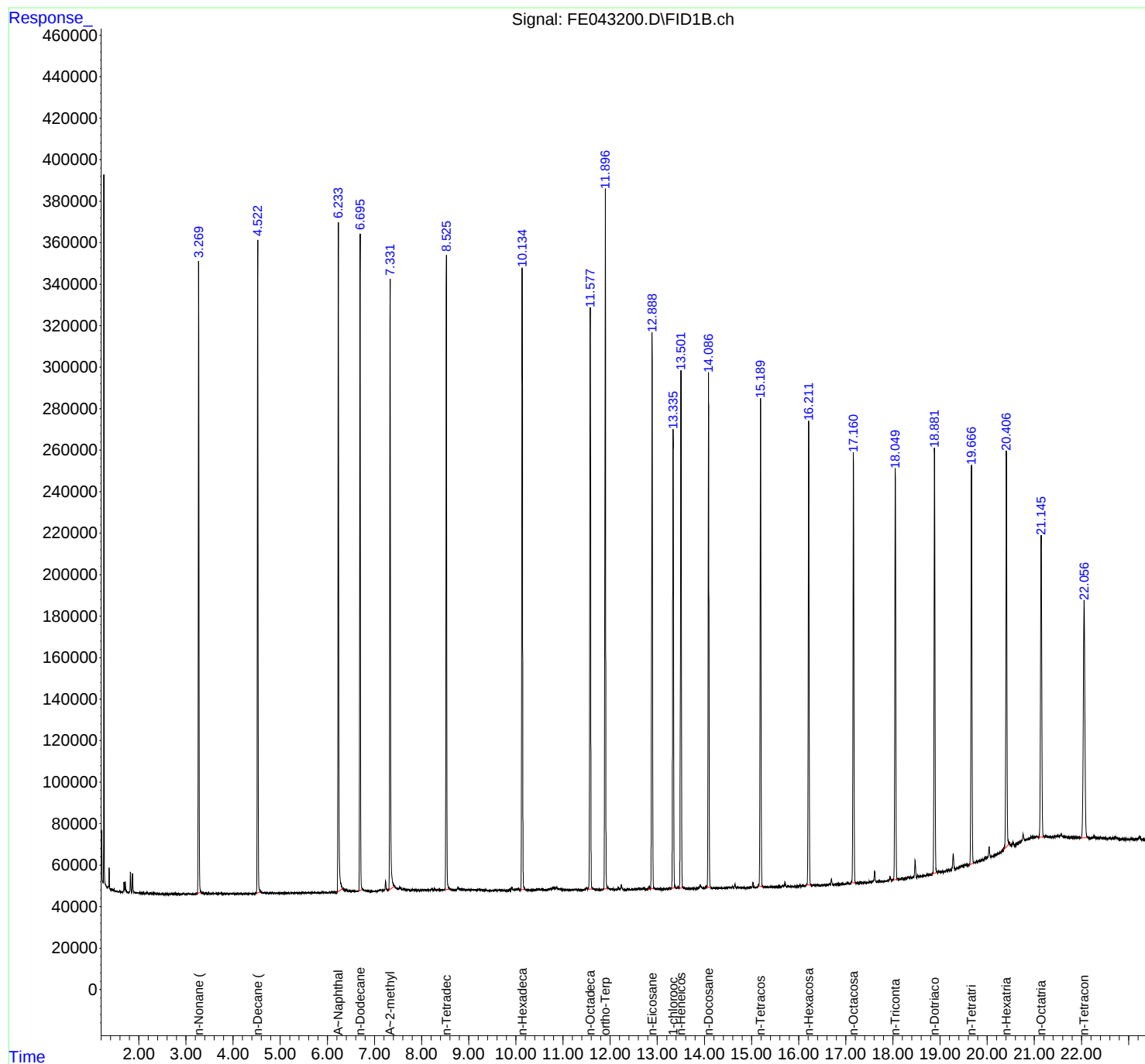
(m)=manual int.

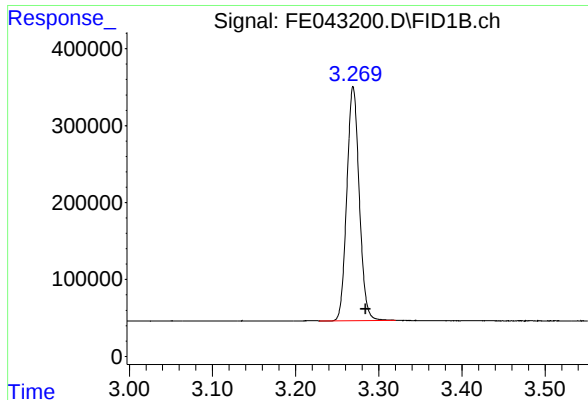
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071423AL\
Data File : FE043200.D
Signal(s) : FID1B.ch
Acq On : 13 Jul 2023 12:41
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 14 01:47:09 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
Quant Title : GC Extractables
QLast Update : Thu Jul 13 03:02:53 2023
Response via : Initial Calibration
Integrator: ChemStation

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

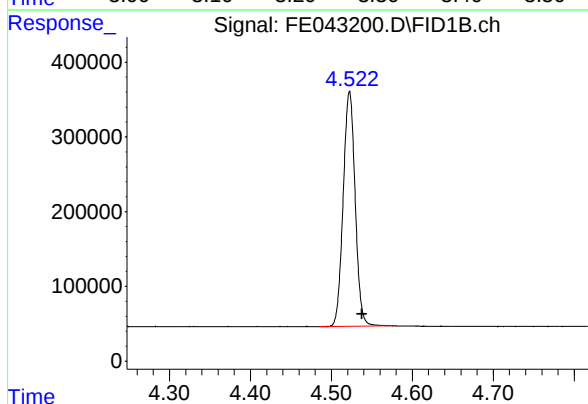




#1 n-Nonane (C9)

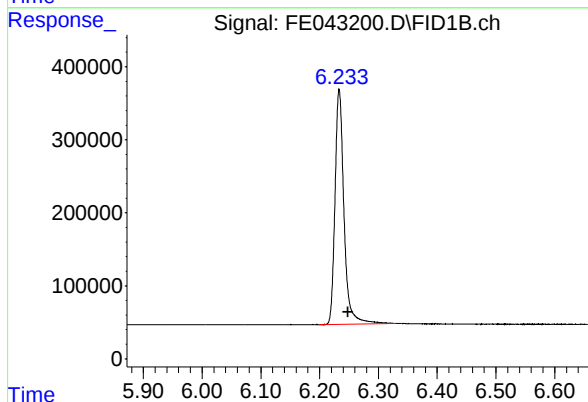
R.T.: 3.269 min
Delta R.T.: -0.015 min
Response: 3150498
Conc: 20.63 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



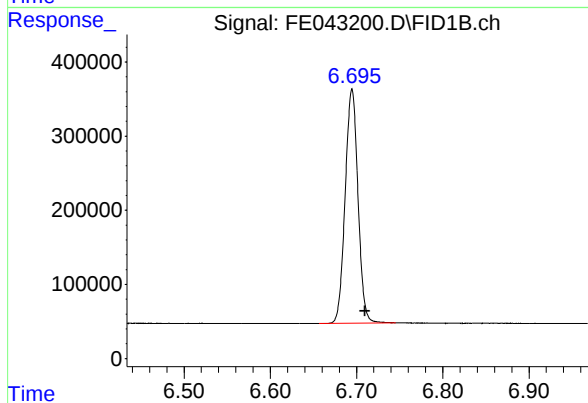
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 3234778
Conc: 20.75 ug/ml



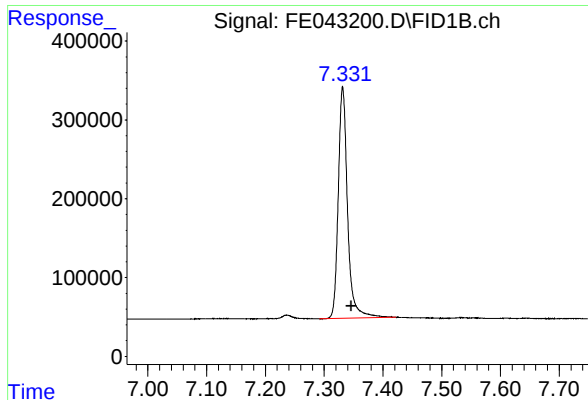
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.015 min
Response: 3418427
Conc: 21.24 ug/ml



#4 n-Dodecane (C12)

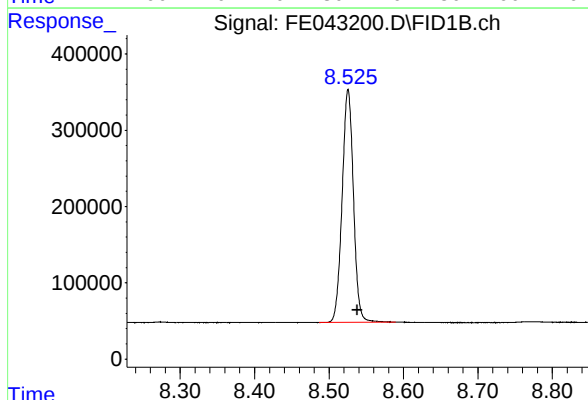
R.T.: 6.695 min
Delta R.T.: -0.015 min
Response: 3257364
Conc: 20.67 ug/ml



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

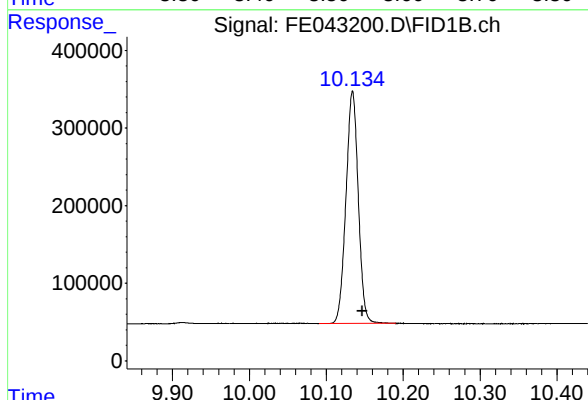
R.T.: 7.332 min
Delta R.T.: -0.015 min
Response: 3219705
Conc: 21.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



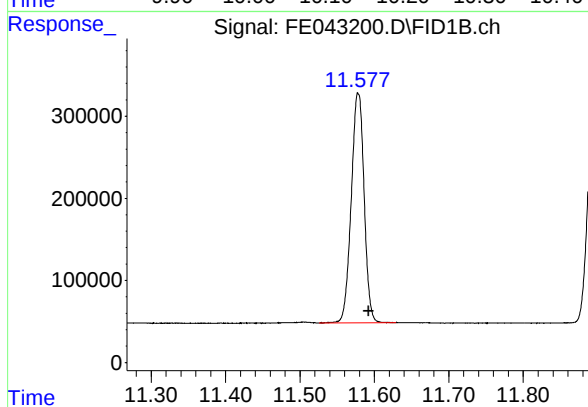
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.013 min
Response: 3229159
Conc: 20.42 ug/ml



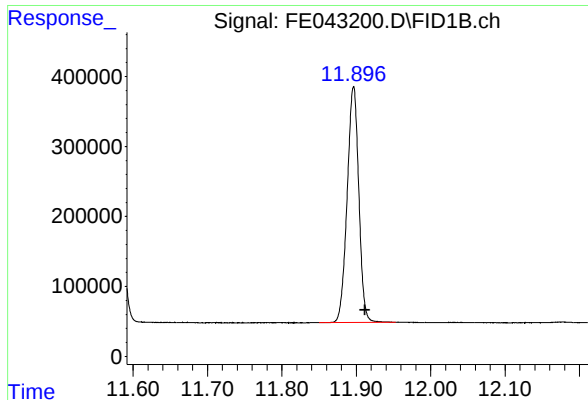
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.013 min
Response: 3323611
Conc: 20.54 ug/ml



#8 n-Octadecane (C18)

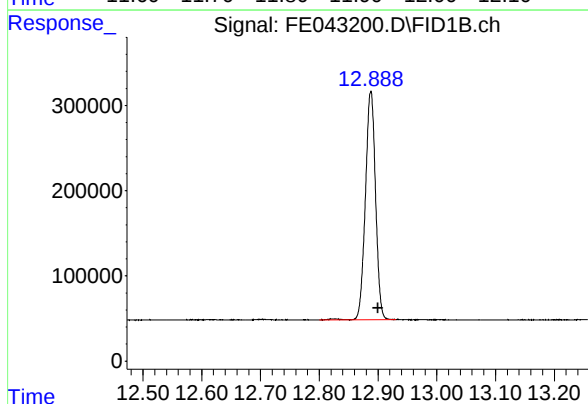
R.T.: 11.578 min
Delta R.T.: -0.014 min
Response: 3362702
Conc: 20.63 ug/ml



#9 ortho-Terphenyl (SURR)

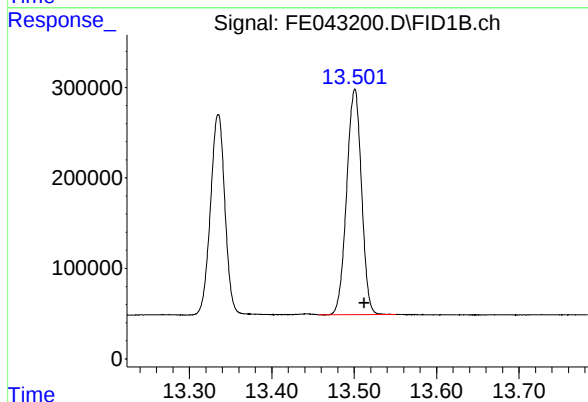
R.T.: 11.896 min
Delta R.T.: -0.015 min
Response: 3669583
Conc: 20.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



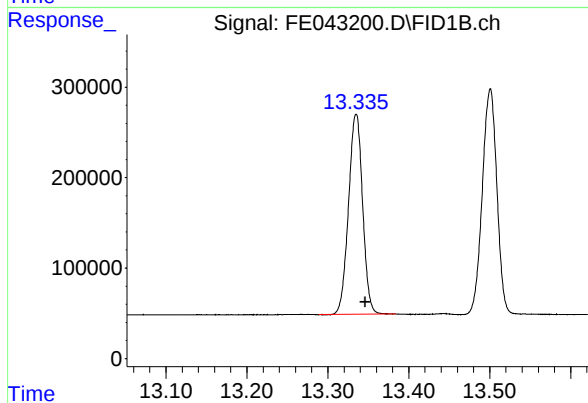
#10 n-Eicosane (C20)

R.T.: 12.888 min
Delta R.T.: -0.012 min
Response: 3216591
Conc: 20.70 ug/ml



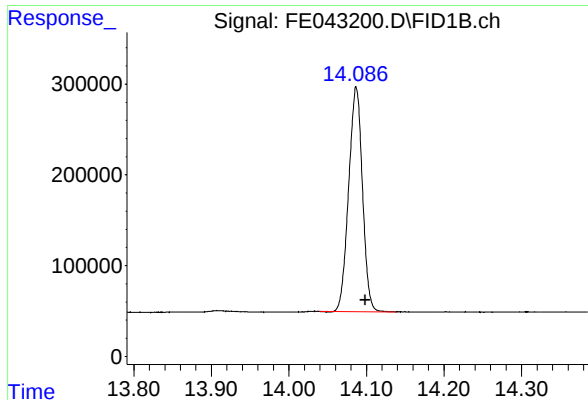
#11 n-Heneicosane (C21)

R.T.: 13.501 min
Delta R.T.: -0.011 min
Response: 3120879
Conc: 20.60 ug/ml



#12 1-chlorooctadecane (SURR)

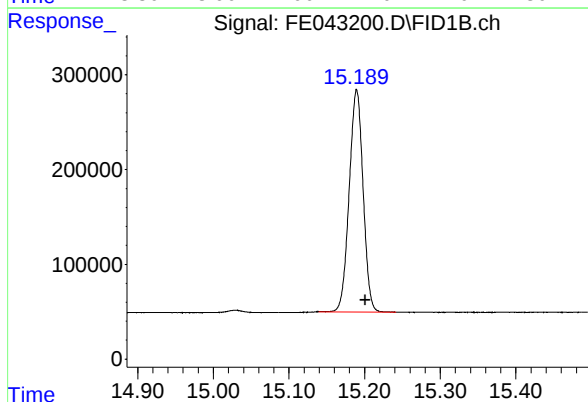
R.T.: 13.335 min
Delta R.T.: -0.011 min
Response: 2680159
Conc: 20.40 ug/ml



#13 n-Docosane (C22)

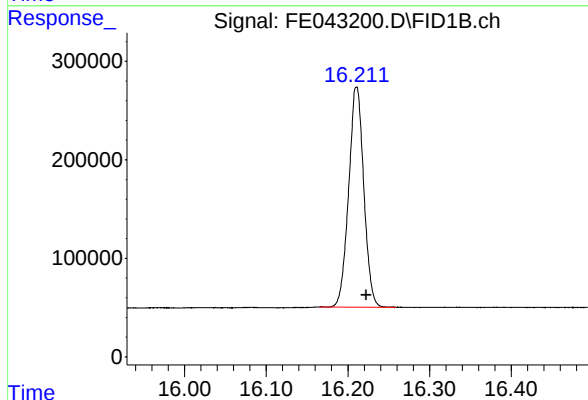
R.T.: 14.087 min
Delta R.T.: -0.012 min
Response: 3059137
Conc: 20.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



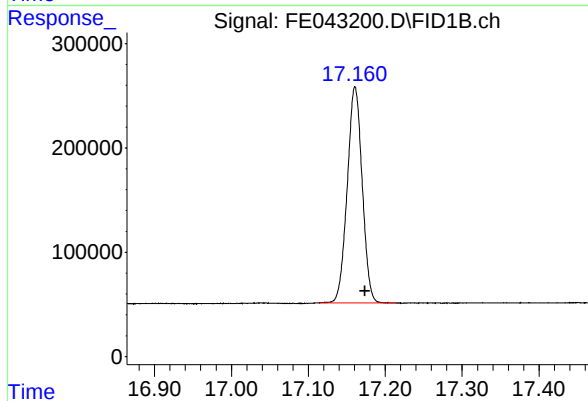
#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: -0.011 min
Response: 2993738
Conc: 20.38 ug/ml



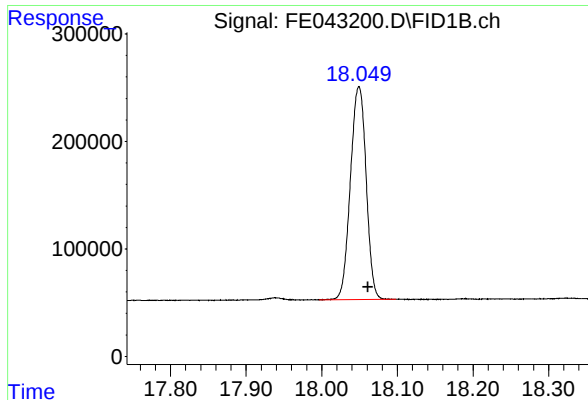
#15 n-Hexacosane (C26)

R.T.: 16.211 min
Delta R.T.: -0.012 min
Response: 2875492
Conc: 20.19 ug/ml



#16 n-Octacosane (C28)

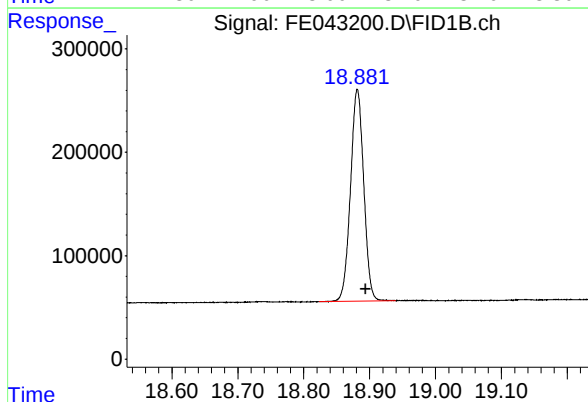
R.T.: 17.161 min
Delta R.T.: -0.013 min
Response: 2795675
Conc: 19.87 ug/ml



#17 n-Tricontane (C30)

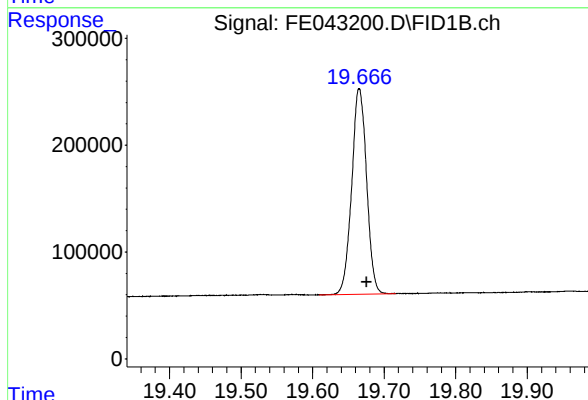
R.T.: 18.049 min
Delta R.T.: -0.012 min
Response: 2862341
Conc: 19.43 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



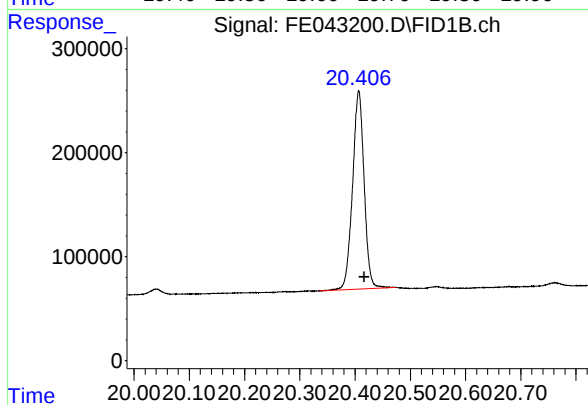
#18 n-Dotriacontane (C32)

R.T.: 18.881 min
Delta R.T.: -0.012 min
Response: 2857623
Conc: 19.28 ug/ml



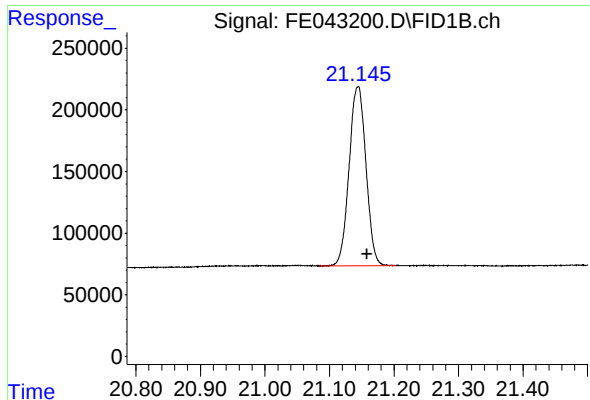
#19 n-Tetatriacontane (C34)

R.T.: 19.665 min
Delta R.T.: -0.011 min
Response: 2784694
Conc: 19.30 ug/ml



#20 n-Hexatriacontane (C36)

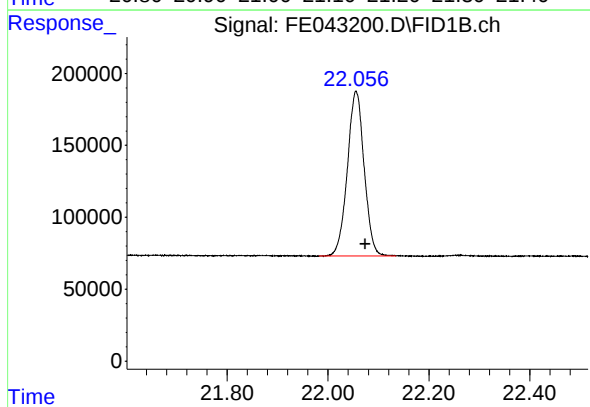
R.T.: 20.407 min
Delta R.T.: -0.010 min
Response: 2777403
Conc: 18.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.144 min
Delta R.T.: -0.014 min
Response: 2639351
Conc: 18.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.055 min
Delta R.T.: -0.018 min
Response: 2646557
Conc: 17.93 ug/ml