

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF062023AL\
 Data File : FF012923.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jun 2023 11:56
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jun 20 12:50:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 12:50:50 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)	10.879	7292602	48.751 ug/ml
Spiked Amount 50.000		Recovery =	97.50%
12) S 1-chlorooctadecane (S...	12.310	5294186	48.778 ug/ml
Spiked Amount 50.000		Recovery =	97.56%
Target Compounds			
1) T n-Nonane (C9)	2.745	5813887	48.421 ug/ml
2) T n-Decane (C10)	3.753	5931724	48.678 ug/ml
3) T A~Naphthalene (C11.7)	5.316	6431154	49.104 ug/ml
4) T n-Dodecane (C12)	5.738	5991097	48.645 ug/ml
5) T A~2-methylnaphthalene...	6.365	6064624	49.912 ug/ml
6) T n-Tetradecane (C14)	7.525	5905849	48.834 ug/ml
7) T n-Hexadecane (C16)	9.121	6159589	48.903 ug/ml
8) T n-Octadecane (C18)	10.560	6331343	48.743 ug/ml
10) T n-Eicosane (C20)	11.865	6148612	48.651 ug/ml
11) T n-Heneicosane (C21)	12.475	6050208	48.621 ug/ml
13) T n-Docosane (C22)	13.060	6012914	47.965 ug/ml
14) T n-Tetracosane (C24)	14.160	5943897	46.583 ug/ml
15) T n-Hexacosane (C26)	15.178	5777176	45.984 ug/ml
16) T n-Octacosane (C28)	16.125	5586513	45.052 ug/ml
17) T n-Tricontane (C30)	17.010	5574044	44.816 ug/ml
18) T n-Dotriacontane (C32)	17.839	5455138	45.124 ug/ml
19) T n-Tetratriacontane (C34)	18.622	5272159	46.313 ug/ml
20) T n-Hexatriacontane (C36)	19.360	5158092	47.425 ug/ml
21) T n-Octatriacontane (C38)	20.082	5281658	50.124 ug/ml
22) T n-Tetracontane (C40)	20.965	4791957	48.650 ug/ml

(f)=RT Delta > 1/2 Window

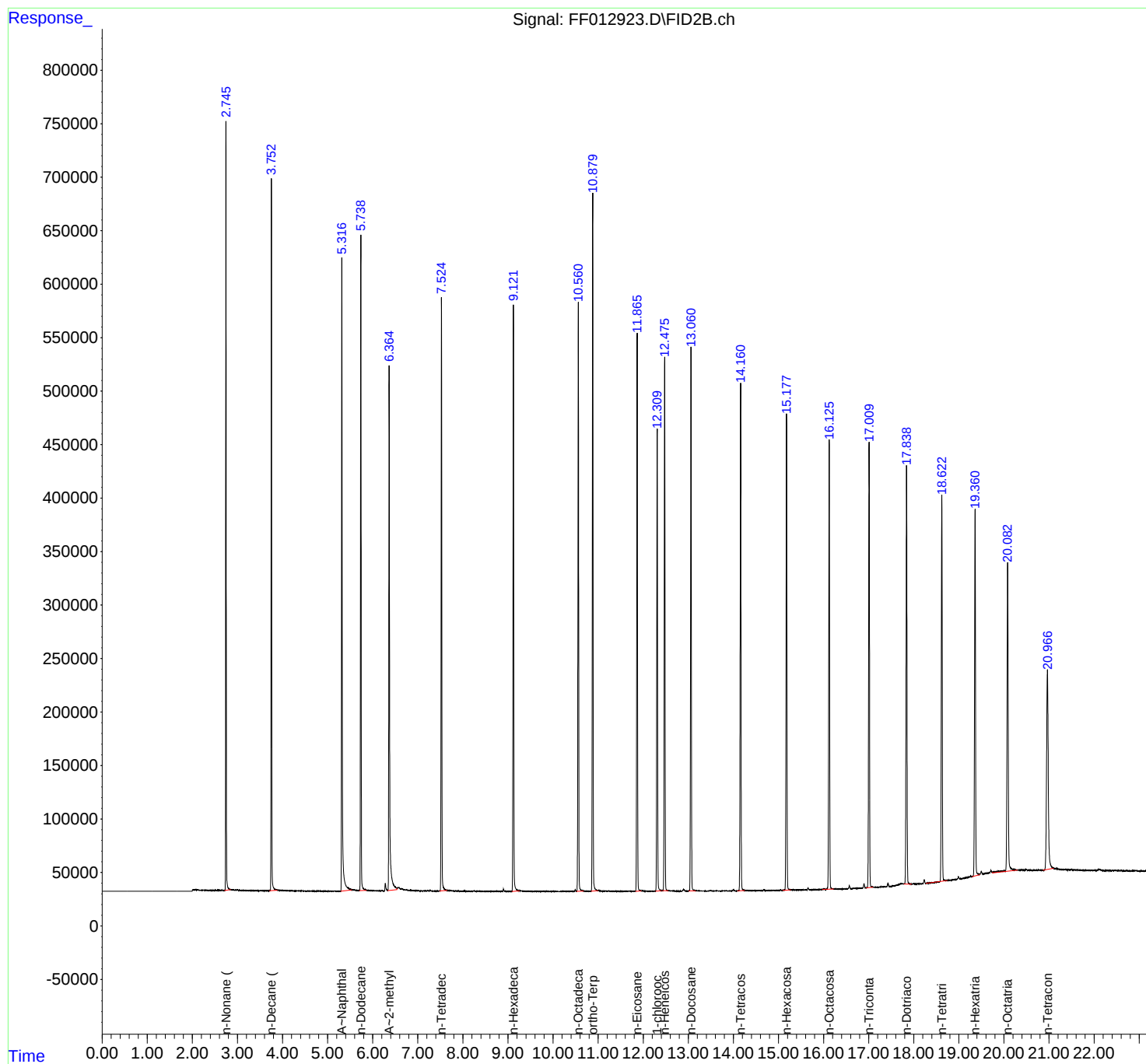
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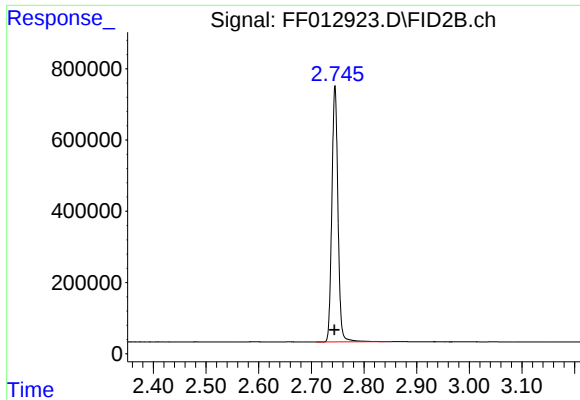
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF062023AL\
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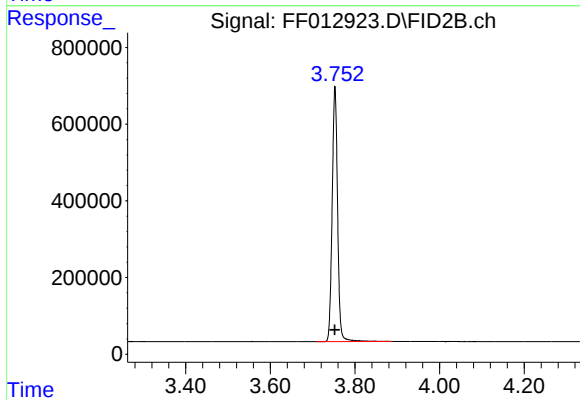




#1 n-Nonane (C9)

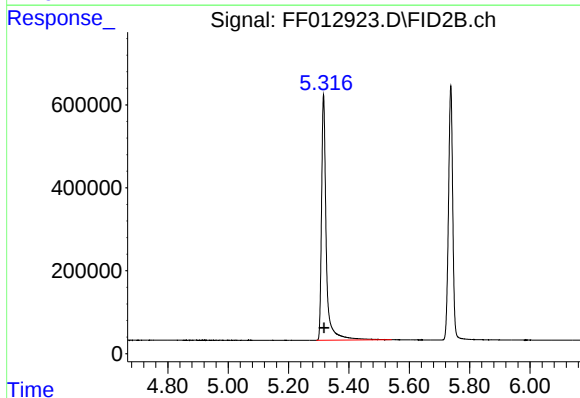
R.T.: 2.745 min
Delta R.T.: 0.001 min
Response: 5813887
Conc: 48.42 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



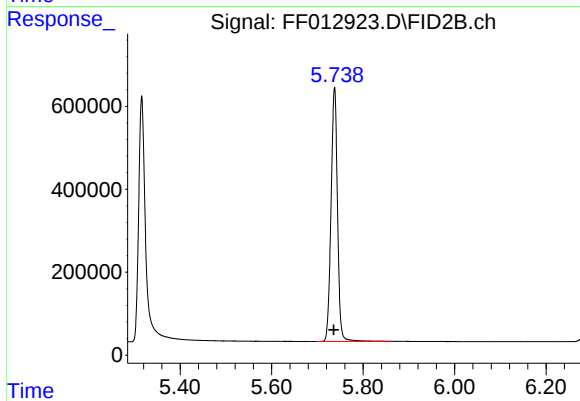
#2 n-Decane (C10)

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 5931724
Conc: 48.68 ug/ml



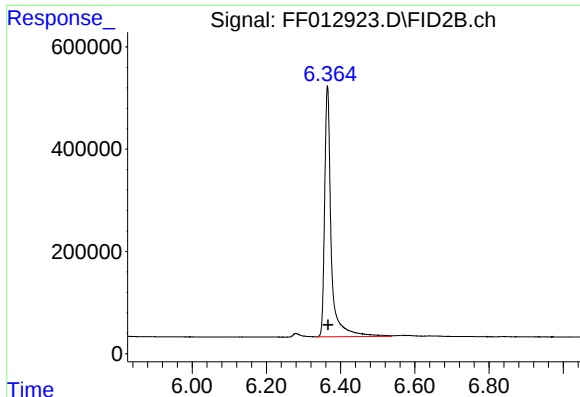
#3 A~Naphthalene (C11.7)

R.T.: 5.316 min
Delta R.T.: -0.001 min
Response: 6431154
Conc: 49.10 ug/ml



#4 n-Dodecane (C12)

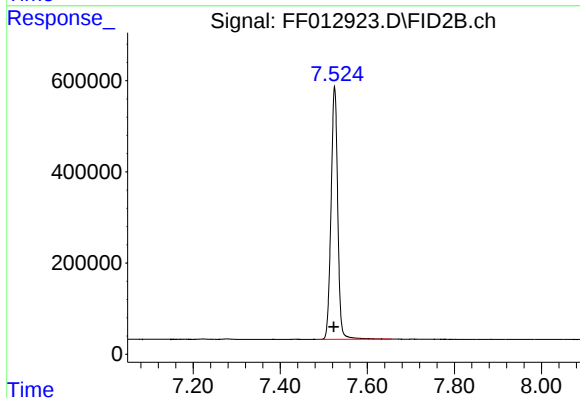
R.T.: 5.738 min
Delta R.T.: 0.002 min
Response: 5991097
Conc: 48.64 ug/ml



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

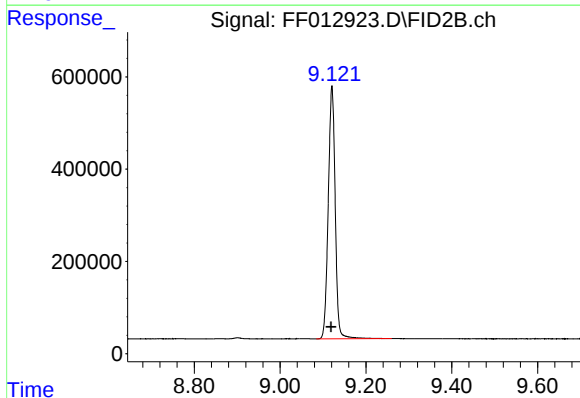
R.T.: 6.365 min
Delta R.T.: -0.001 min
Response: 6064624
Conc: 49.91 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



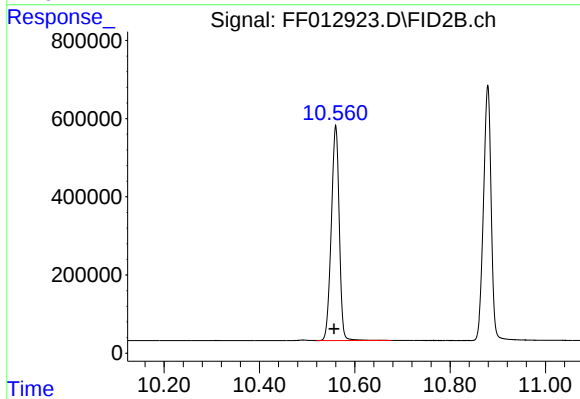
#6 n-Tetradecane (C14)

R.T.: 7.525 min
Delta R.T.: 0.002 min
Response: 5905849
Conc: 48.83 ug/ml



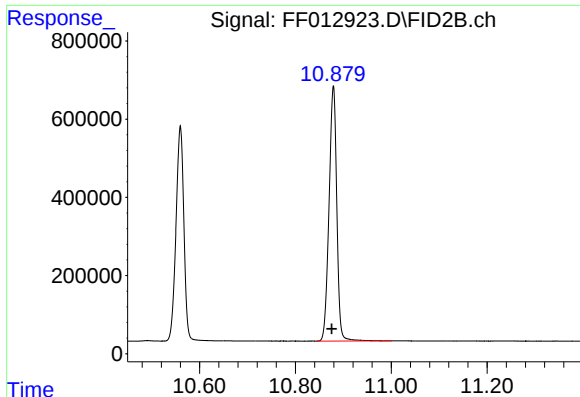
#7 n-Hexadecane (C16)

R.T.: 9.121 min
Delta R.T.: 0.002 min
Response: 6159589
Conc: 48.90 ug/ml



#8 n-Octadecane (C18)

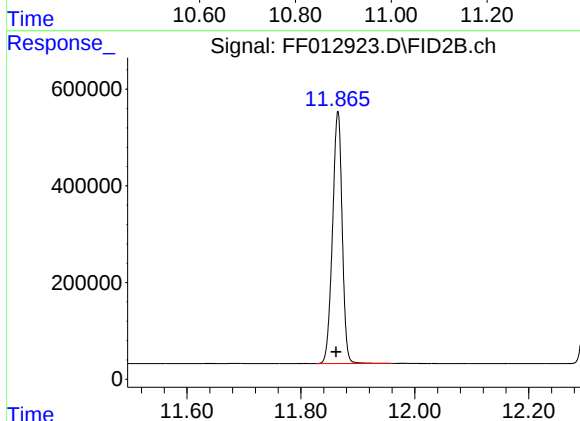
R.T.: 10.560 min
Delta R.T.: 0.003 min
Response: 6331343
Conc: 48.74 ug/ml



#9 ortho-Terphenyl (SURR)

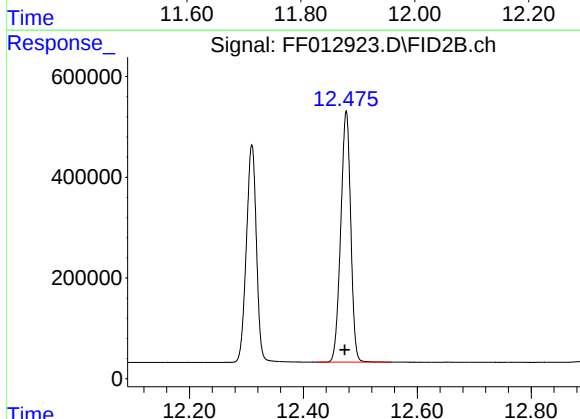
R.T.: 10.879 min
Delta R.T.: 0.004 min
Response: 7292602
Conc: 48.75 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



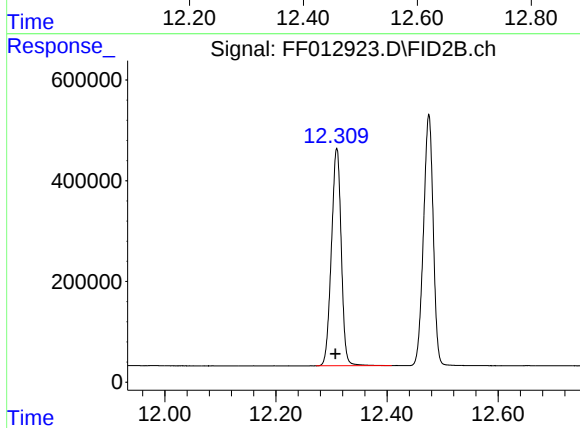
#10 n-Eicosane (C20)

R.T.: 11.865 min
Delta R.T.: 0.003 min
Response: 6148612
Conc: 48.65 ug/ml



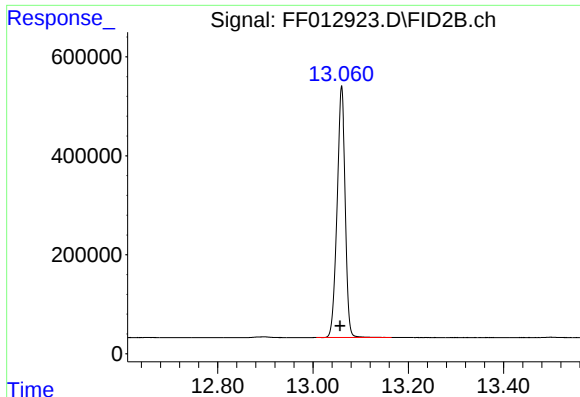
#11 n-Heneicosane (C21)

R.T.: 12.475 min
Delta R.T.: 0.003 min
Response: 6050208
Conc: 48.62 ug/ml



#12 1-chlorooctadecane (SURR)

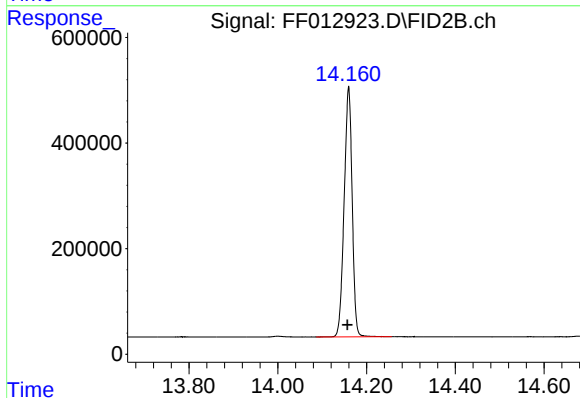
R.T.: 12.310 min
Delta R.T.: 0.003 min
Response: 5294186
Conc: 48.78 ug/ml



#13 n-Docosane (C22)

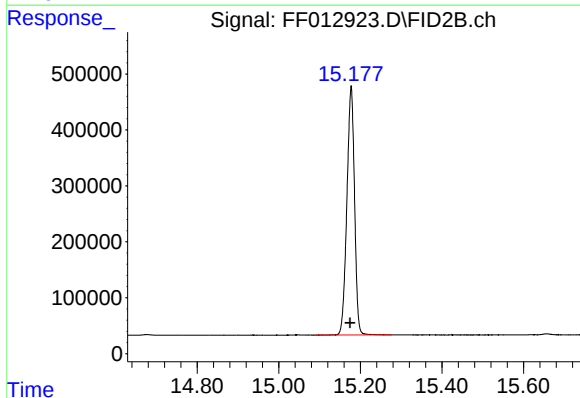
R.T.: 13.060 min
Delta R.T.: 0.003 min
Response: 6012914
Conc: 47.97 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



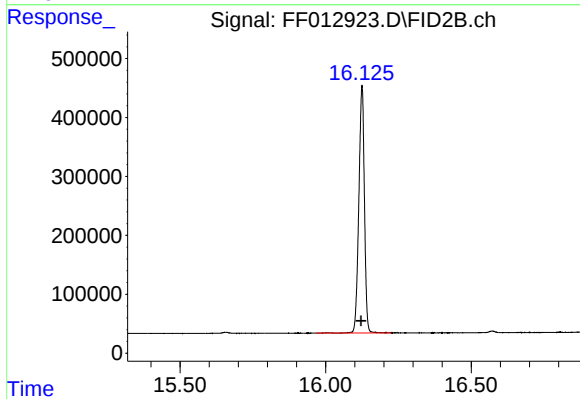
#14 n-Tetracosane (C24)

R.T.: 14.160 min
Delta R.T.: 0.003 min
Response: 5943897
Conc: 46.58 ug/ml



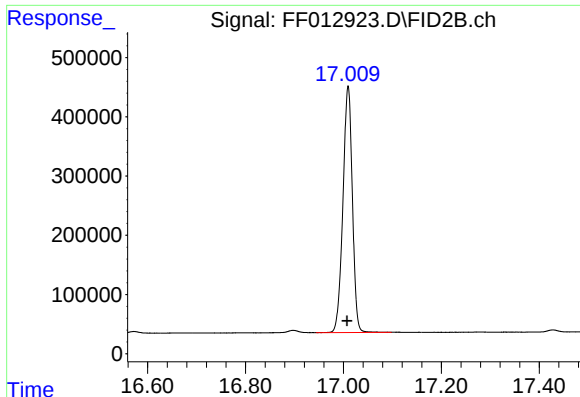
#15 n-Hexacosane (C26)

R.T.: 15.178 min
Delta R.T.: 0.003 min
Response: 5777176
Conc: 45.98 ug/ml



#16 n-Octacosane (C28)

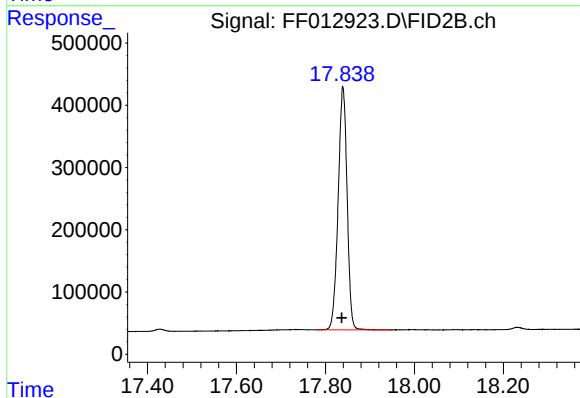
R.T.: 16.125 min
Delta R.T.: 0.003 min
Response: 5586513
Conc: 45.05 ug/ml



#17 n-Tricontane (C30)

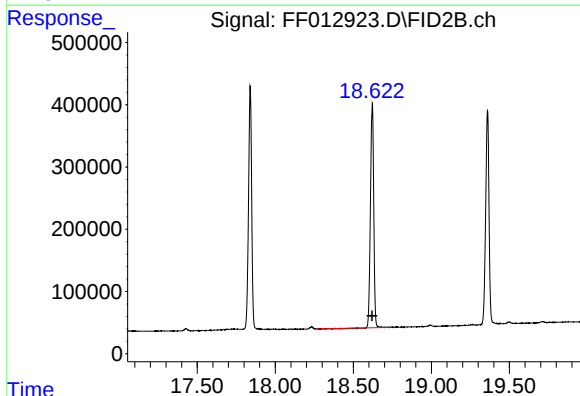
R.T.: 17.010 min
Delta R.T.: 0.002 min
Response: 5574044
Conc: 44.82 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



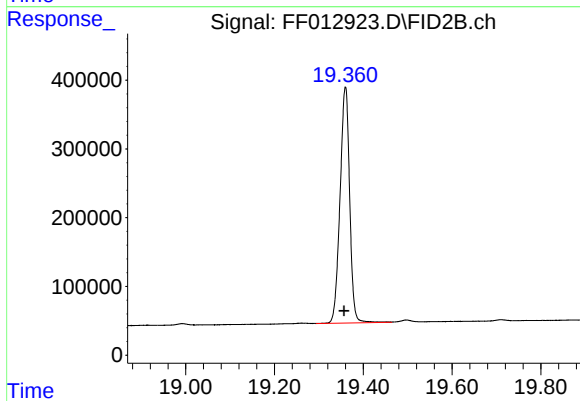
#18 n-Dotriacontane (C32)

R.T.: 17.839 min
Delta R.T.: 0.003 min
Response: 5455138
Conc: 45.12 ug/ml



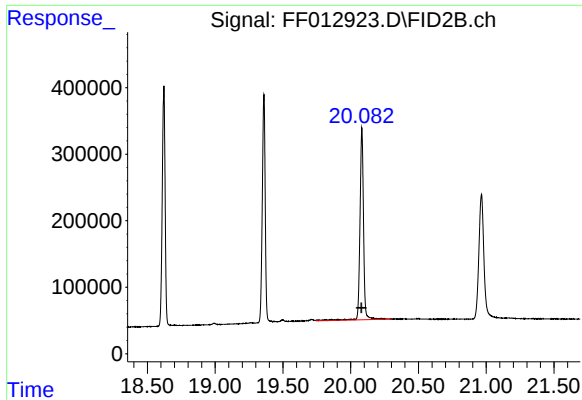
#19 n-Tetratriacontane (C34)

R.T.: 18.622 min
Delta R.T.: 0.003 min
Response: 5272159
Conc: 46.31 ug/ml



#20 n-Hexatriacontane (C36)

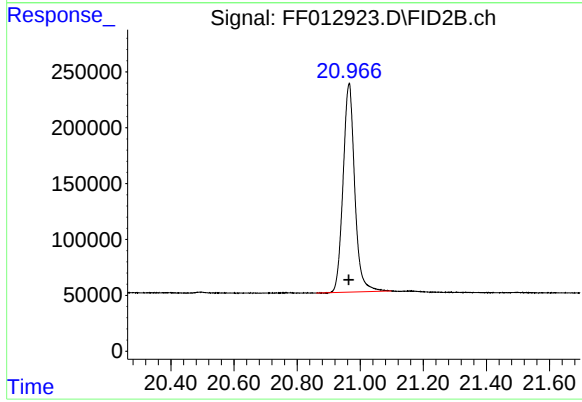
R.T.: 19.360 min
Delta R.T.: 0.003 min
Response: 5158092
Conc: 47.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.082 min
Delta R.T.: 0.002 min
Response: 5281658
Conc: 50.12 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 20.965 min
Delta R.T.: 0.002 min
Response: 4791957
Conc: 48.65 ug/ml