

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111524AL\
 Data File : FE051296.D
 Signal(s) : FID1B.ch
 Acq On : 16 Nov 2024 10:26
 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: Nov 16 11:06:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.847	3052846	20.339 ug/ml
Spiked Amount 50.000		Recovery =	40.68%
12) S 1-chlorooctadecane (S...	13.280	2301187	20.269 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
Target Compounds			
1) T n-Nonane (C9)	3.236	3051310	22.052 ug/ml
2) T n-Decane (C10)	4.486	3071570	21.912 ug/ml
3) T A~Naphthalene (C11.7)	6.199	2851581	21.628 ug/ml
4) T n-Dodecane (C12)	6.654	3031495	21.470 ug/ml
5) T A~2-methylnaphthalene...	7.295	2628180	21.010 ug/ml
6) T n-Tetradecane (C14)	8.480	2924013	20.981 ug/ml
7) T n-Hexadecane (C16)	10.085	2925664	20.617 ug/ml
8) T n-Octadecane (C18)	11.526	2909570	20.374 ug/ml
10) T n-Eicosane (C20)	12.833	2767552	20.223 ug/ml
11) T n-Heneicosane (C21)	13.445	2697223	20.182 ug/ml
13) T n-Docosane (C22)	14.030	2697220	20.287 ug/ml
14) T n-Tetracosane (C24)	15.132	2704207	20.385 ug/ml
15) T n-Hexacosane (C26)	16.151	2717904	20.303 ug/ml
16) T n-Octacosane (C28)	17.099	2751969	20.186 ug/ml
17) T n-Tricontane (C30)	17.987	2855680	19.655 ug/ml
18) T n-Dotriacontane (C32)	18.818	2903492	19.555 ug/ml
19) T n-Tetratriacontane (C34)	19.601	2601156	19.359 ug/ml
20) T n-Hexatriacontane (C36)	20.341	2549851	21.370 ug/ml
21) T n-Octatriacontane (C38)	21.064	2016450	17.717 ug/ml
22) T n-Tetracontane (C40)	21.943	1707175	15.349 ug/ml

(f)=RT Delta > 1/2 Window

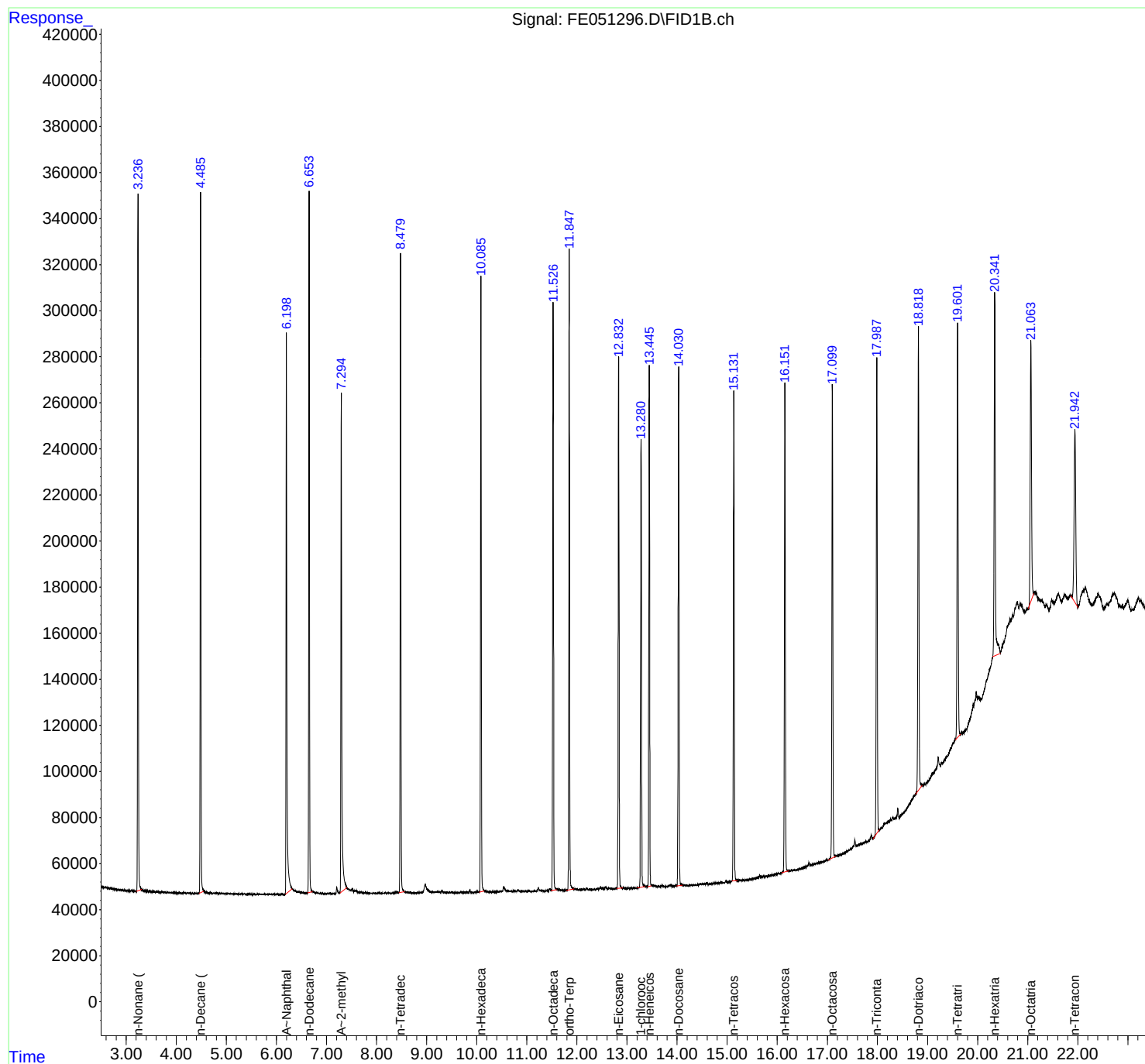
(m)=manual int.

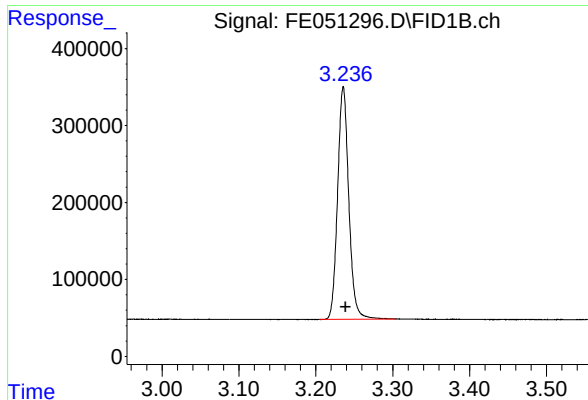
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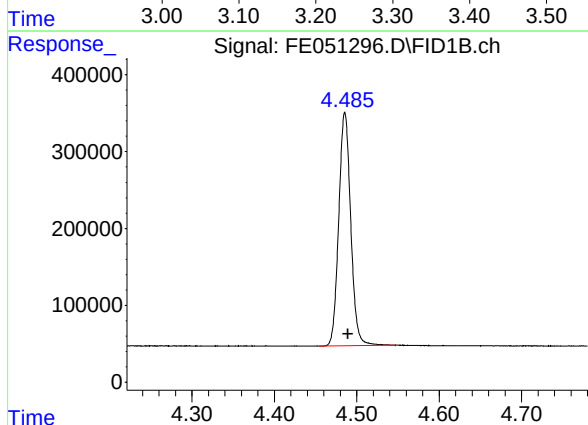




#1 n-Nonane (C9)

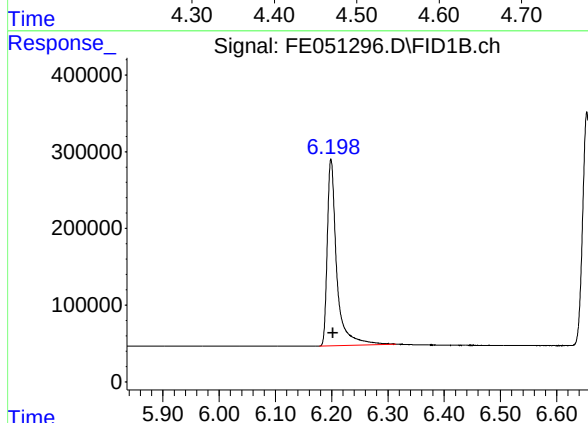
R.T.: 3.236 min
Delta R.T.: -0.003 min
Response: 3051310
Conc: 22.05 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



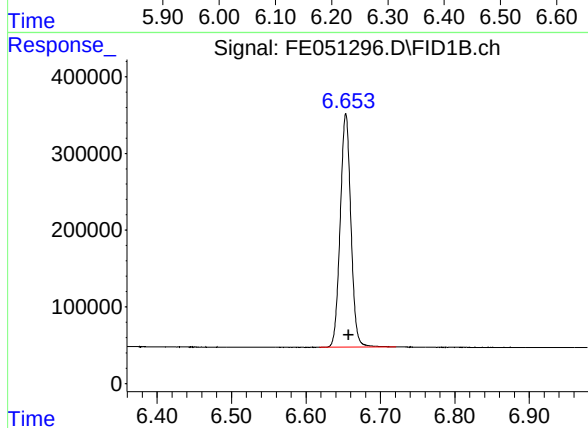
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.004 min
Response: 3071570
Conc: 21.91 ug/ml



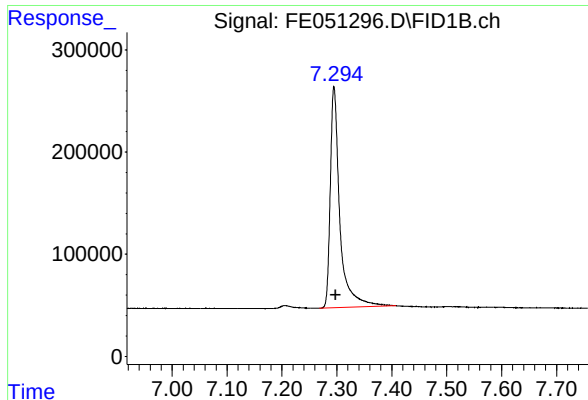
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: -0.003 min
Response: 2851581
Conc: 21.63 ug/ml



#4 n-Dodecane (C12)

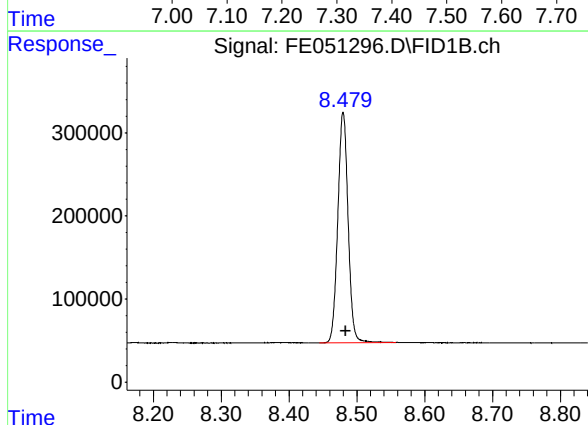
R.T.: 6.654 min
Delta R.T.: -0.004 min
Response: 3031495
Conc: 21.47 ug/ml



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

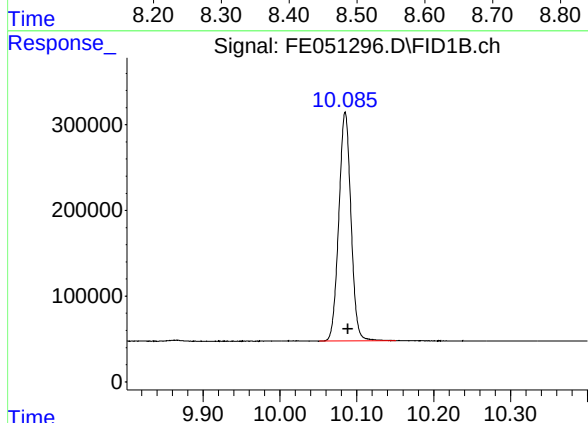
R.T.: 7.295 min
Delta R.T.: -0.003 min
Response: 2628180
Conc: 21.01 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



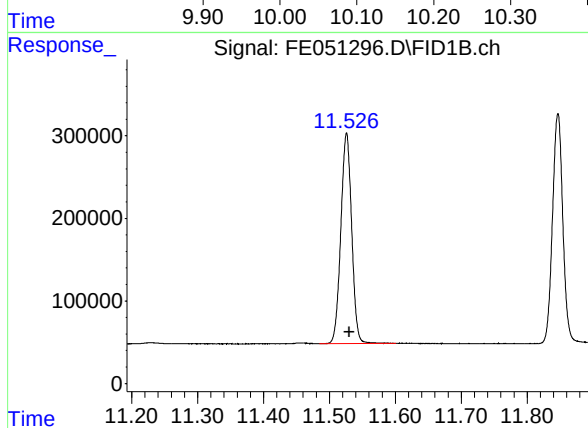
#6 n-Tetradecane (C14)

R.T.: 8.480 min
Delta R.T.: -0.003 min
Response: 2924013
Conc: 20.98 ug/ml



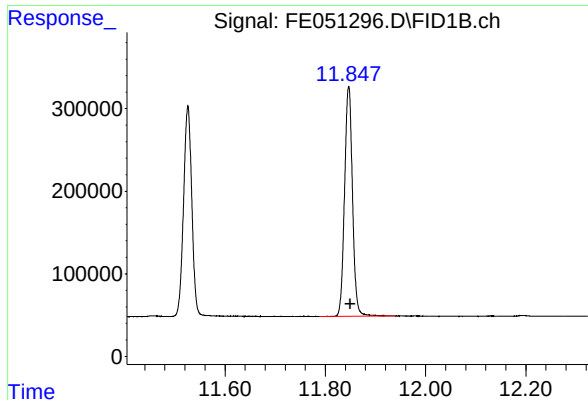
#7 n-Hexadecane (C16)

R.T.: 10.085 min
Delta R.T.: -0.004 min
Response: 2925664
Conc: 20.62 ug/ml



#8 n-Octadecane (C18)

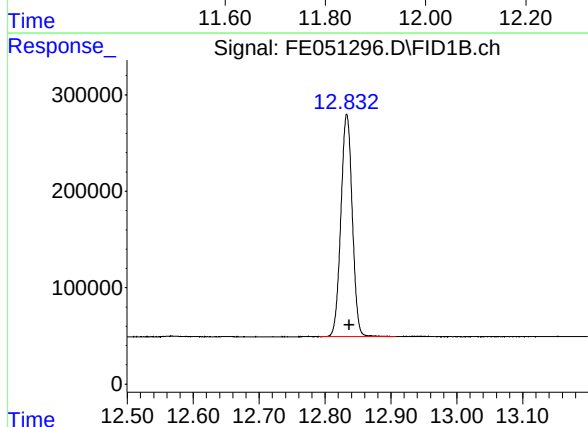
R.T.: 11.526 min
Delta R.T.: -0.004 min
Response: 2909570
Conc: 20.37 ug/ml



#9 ortho-Terphenyl (SURR)

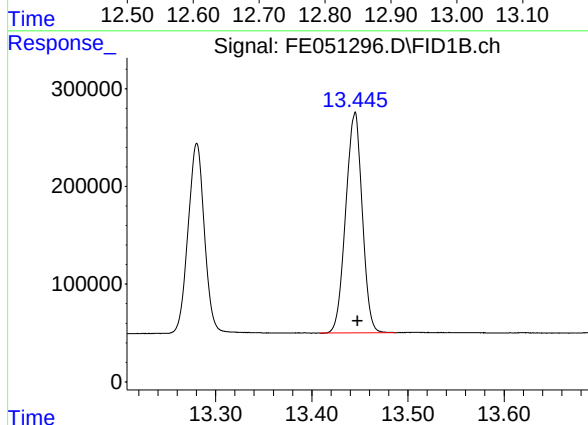
R.T.: 11.847 min
Delta R.T.: -0.004 min
Response: 3052846
Conc: 20.34 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



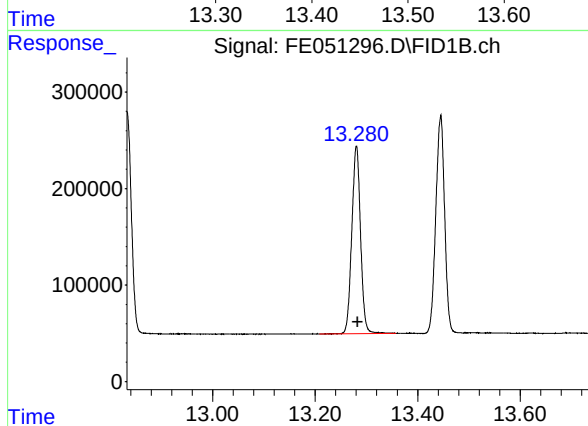
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.004 min
Response: 2767552
Conc: 20.22 ug/ml



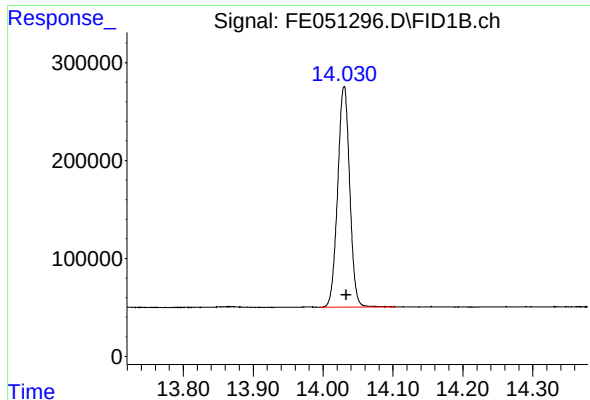
#11 n-Heneicosane (C21)

R.T.: 13.445 min
Delta R.T.: -0.003 min
Response: 2697223
Conc: 20.18 ug/ml



#12 1-chlorooctadecane (SURR)

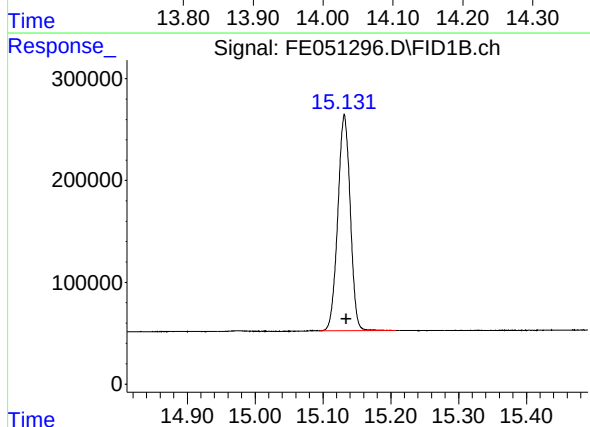
R.T.: 13.280 min
Delta R.T.: -0.003 min
Response: 2301187
Conc: 20.27 ug/ml



#13 n-Docosane (C22)

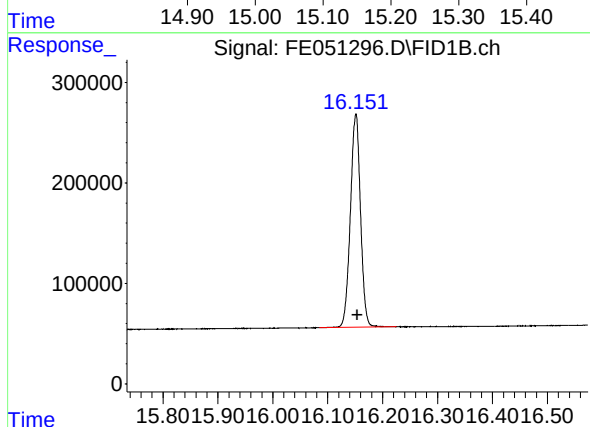
R.T.: 14.030 min
Delta R.T.: -0.003 min
Response: 2697220
Conc: 20.29 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



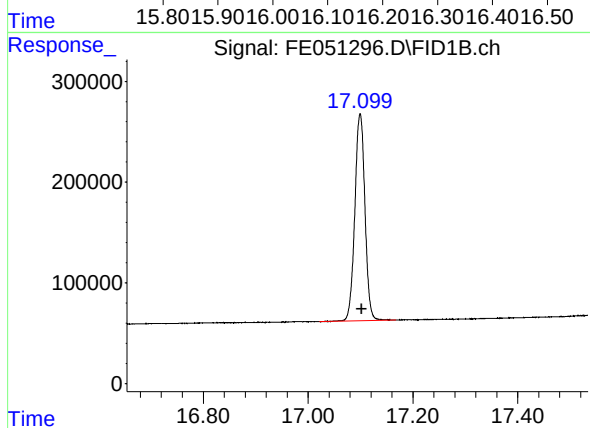
#14 n-Tetracosane (C24)

R.T.: 15.132 min
Delta R.T.: -0.003 min
Response: 2704207
Conc: 20.38 ug/ml



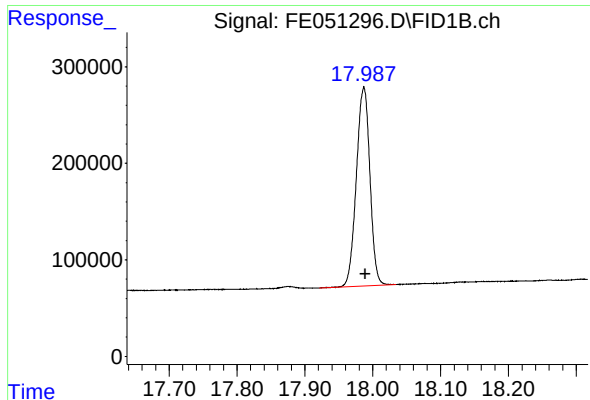
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: -0.003 min
Response: 2717904
Conc: 20.30 ug/ml



#16 n-Octacosane (C28)

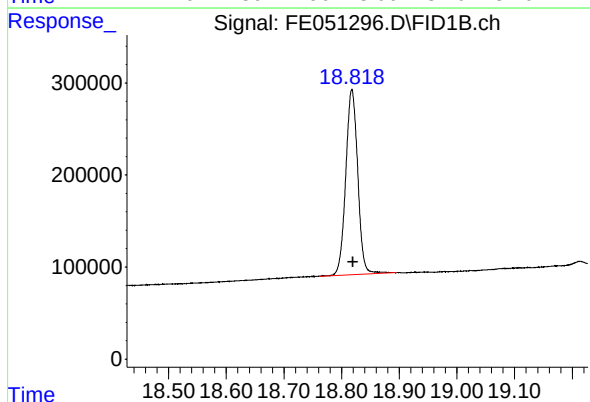
R.T.: 17.099 min
Delta R.T.: -0.003 min
Response: 2751969
Conc: 20.19 ug/ml



#17 n-Tricontane (C30)

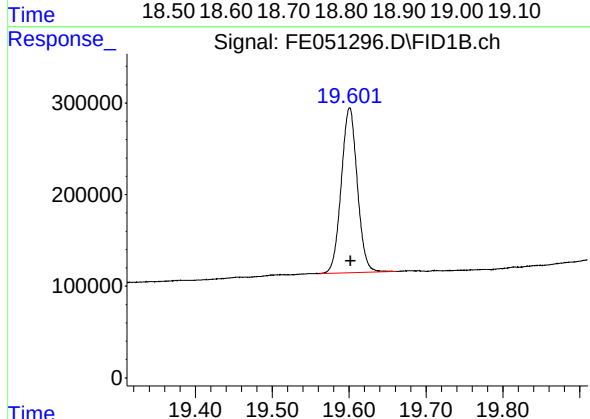
R.T.: 17.987 min
Delta R.T.: -0.002 min
Response: 2855680
Conc: 19.66 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



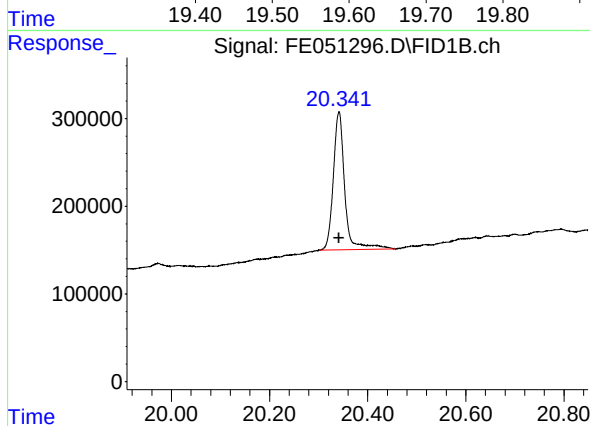
#18 n-Dotriacontane (C32)

R.T.: 18.818 min
Delta R.T.: -0.002 min
Response: 2903492
Conc: 19.55 ug/ml



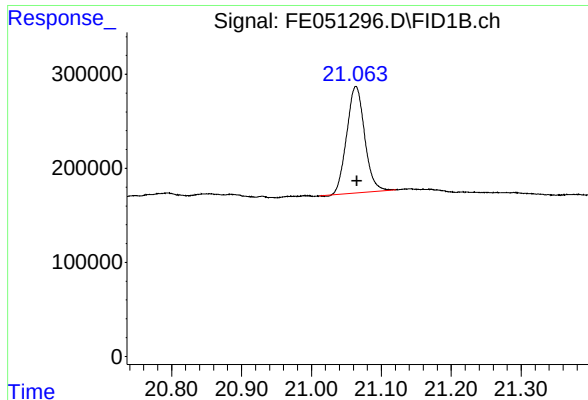
#19 n-Tetatriacontane (C34)

R.T.: 19.601 min
Delta R.T.: -0.002 min
Response: 2601156
Conc: 19.36 ug/ml



#20 n-Hexatriacontane (C36)

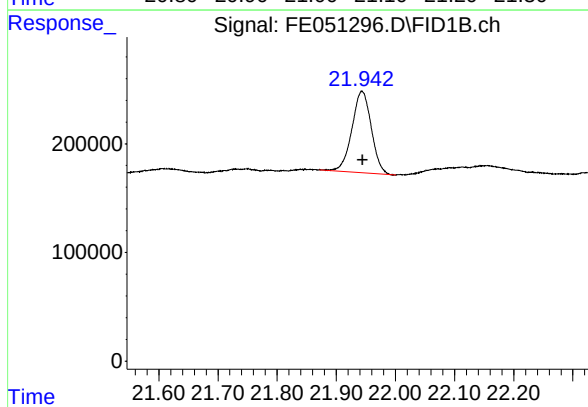
R.T.: 20.341 min
Delta R.T.: 0.000 min
Response: 2549851
Conc: 21.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.064 min
Delta R.T.: -0.001 min
Response: 2016450
Conc: 17.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.943 min
Delta R.T.: -0.001 min
Response: 1707175
Conc: 15.35 ug/ml