

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061225AL\
 Data File : FE054307.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jun 2025 10:23
 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: Jun 12 01:21:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 2025
 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)	11.829	3230160	19.549 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
12) S 1-chlorooctadecane (S...	13.274	2384338	19.552 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
Target Compounds			
1) T n-Nonane (C9)	3.178	2428803	19.559 ug/ml
2) T n-Decane (C10)	4.441	2443274	19.664 ug/ml
3) T A~Naphthalene (C11.7)	6.155	2624287	19.419 ug/ml
4) T n-Dodecane (C12)	6.623	2505465	19.677 ug/ml
5) T A~2-methylnaphthalene...	7.258	2604796	19.666 ug/ml
6) T n-Tetradecane (C14)	8.457	2531411	19.553 ug/ml
7) T n-Hexadecane (C16)	10.069	2598786	19.563 ug/ml
8) T n-Octadecane (C18)	11.515	2636820	19.527 ug/ml
10) T n-Eicosane (C20)	12.829	2607885	19.494 ug/ml
11) T n-Heneicosane (C21)	13.442	2588608	19.468 ug/ml
13) T n-Docosane (C22)	14.029	2574444	19.634 ug/ml
14) T n-Tetracosane (C24)	15.135	2538503	19.679 ug/ml
15) T n-Hexacosane (C26)	16.157	2484522	19.792 ug/ml
16) T n-Octacosane (C28)	17.108	2446402	19.949 ug/ml
17) T n-Tricontane (C30)	17.997	2505809	20.218 ug/ml
18) T n-Dotriacontane (C32)	18.831	2553596	20.324 ug/ml
19) T n-Tetratriacontane (C34)	19.616	2500671	20.101 ug/ml
20) T n-Hexatriacontane (C36)	20.358	2577970	20.026 ug/ml
21) T n-Octatriacontane (C38)	21.085	2580496	19.543 ug/ml
22) T n-Tetracontane (C40)	21.974	2545832	18.899 ug/ml

(f)=RT Delta > 1/2 Window

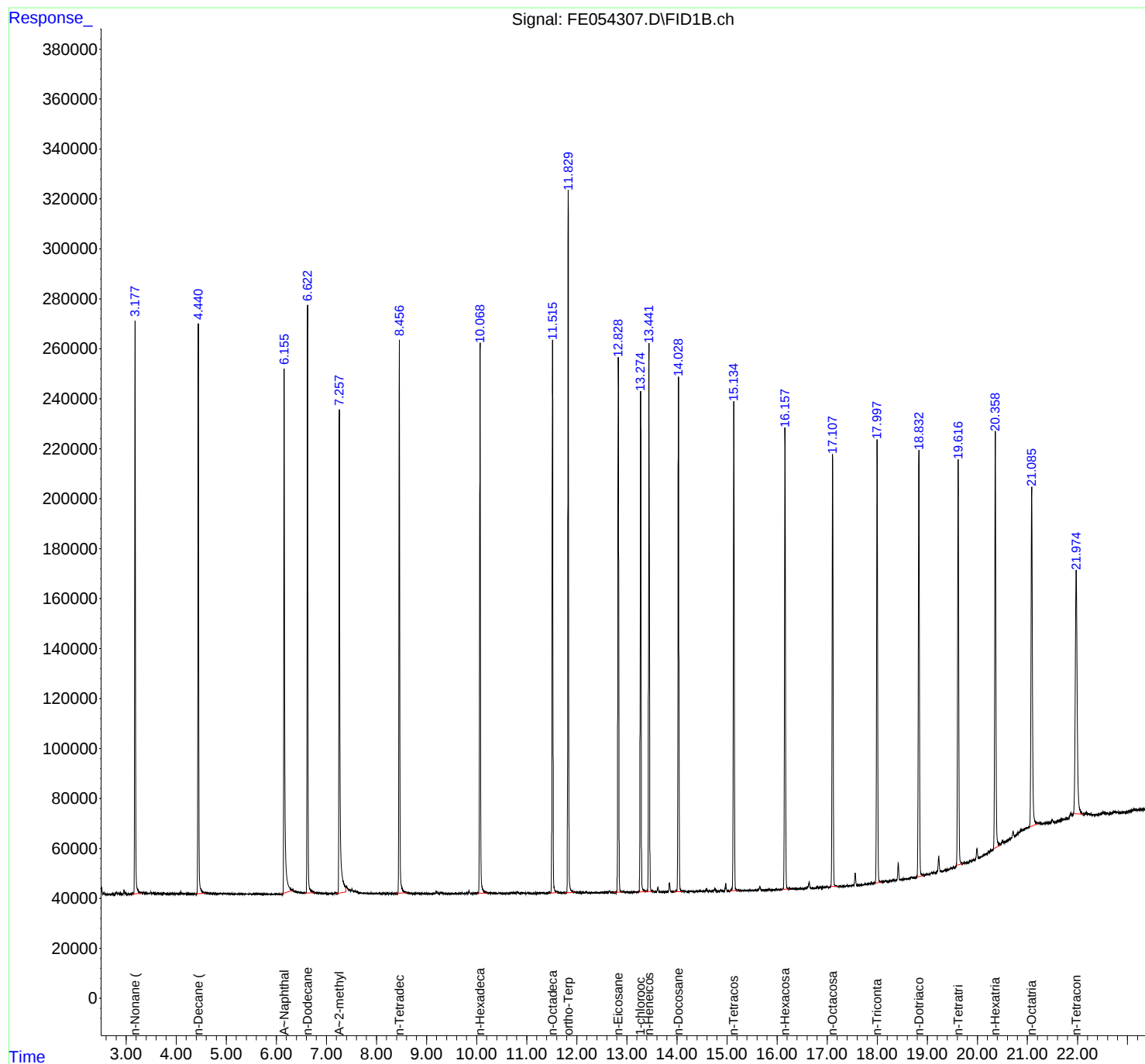
(m)=manual int.

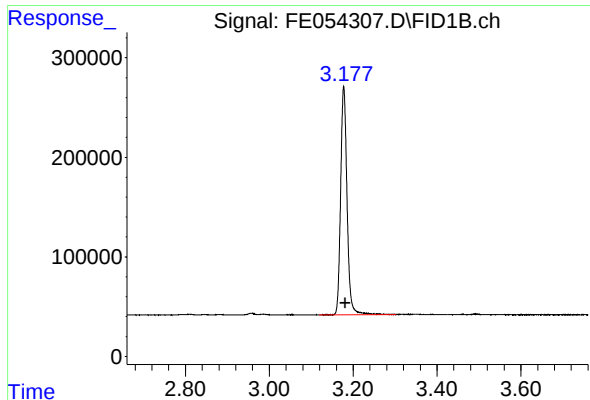
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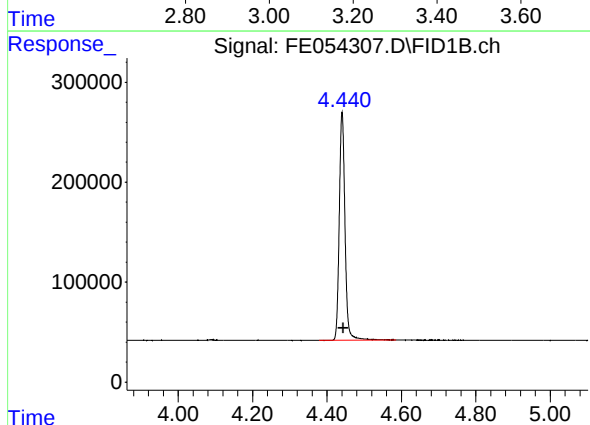




#1 n-Nonane (C9)

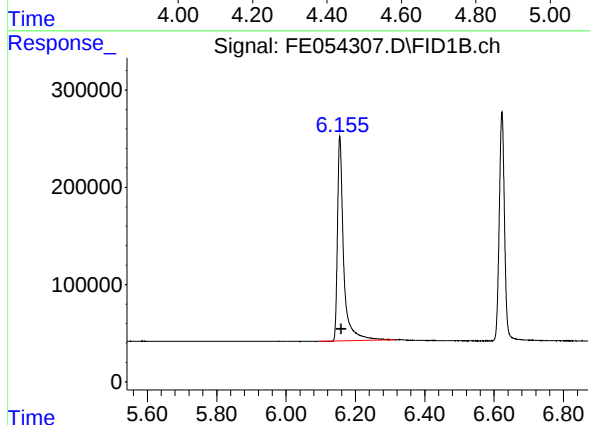
R.T.: 3.178 min
Delta R.T.: -0.003 min
Response: 2428803
Conc: 19.56 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



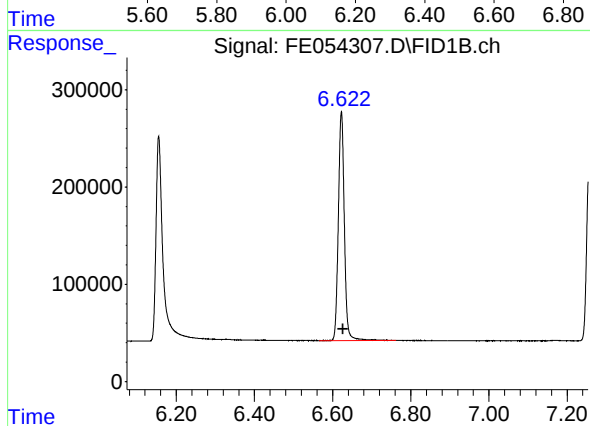
#2 n-Decane (C10)

R.T.: 4.441 min
Delta R.T.: -0.004 min
Response: 2443274
Conc: 19.66 ug/ml



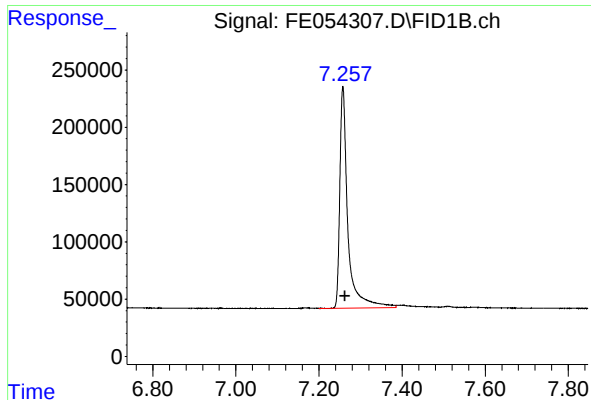
#3 A~Naphthalene (C11.7)

R.T.: 6.155 min
Delta R.T.: -0.005 min
Response: 2624287
Conc: 19.42 ug/ml



#4 n-Dodecane (C12)

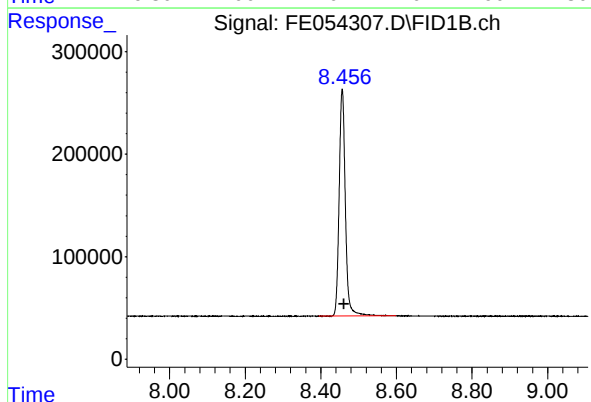
R.T.: 6.623 min
Delta R.T.: -0.004 min
Response: 2505465
Conc: 19.68 ug/ml



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

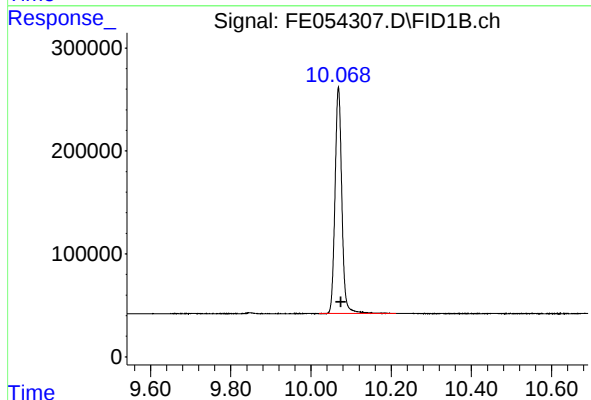
R.T.: 7.258 min
Delta R.T.: -0.005 min
Response: 2604796
Conc: 19.67 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



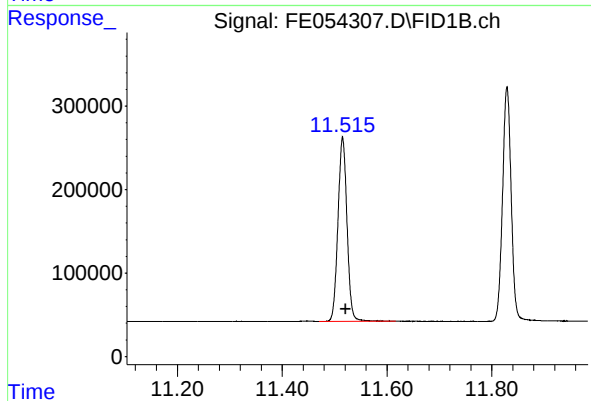
#6 n-Tetradecane (C14)

R.T.: 8.457 min
Delta R.T.: -0.005 min
Response: 2531411
Conc: 19.55 ug/ml



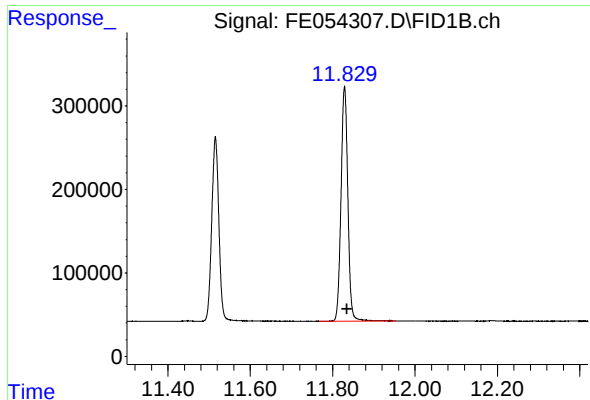
#7 n-Hexadecane (C16)

R.T.: 10.069 min
Delta R.T.: -0.006 min
Response: 2598786
Conc: 19.56 ug/ml



#8 n-Octadecane (C18)

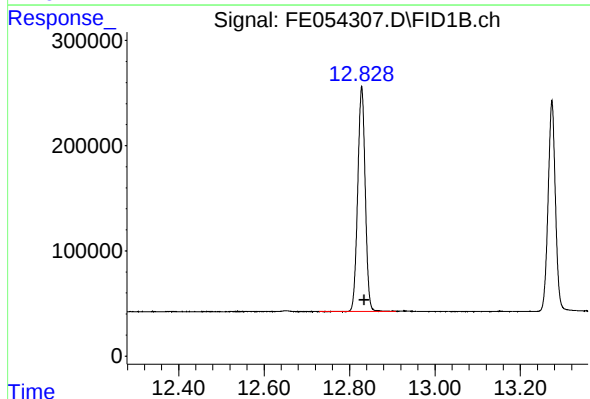
R.T.: 11.515 min
Delta R.T.: -0.006 min
Response: 2636820
Conc: 19.53 ug/ml



#9 ortho-Terphenyl (SURR)

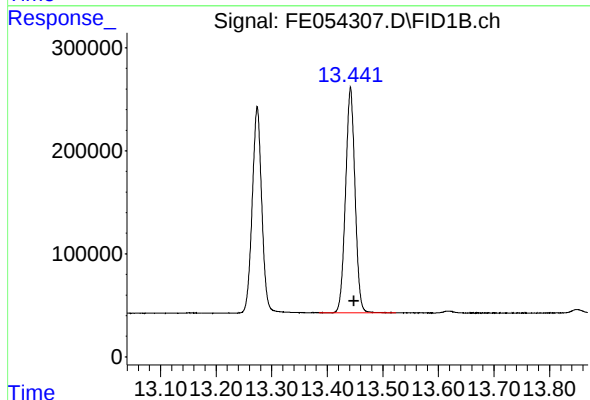
R.T.: 11.829 min
Delta R.T.: -0.006 min
Response: 3230160
Conc: 19.55 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



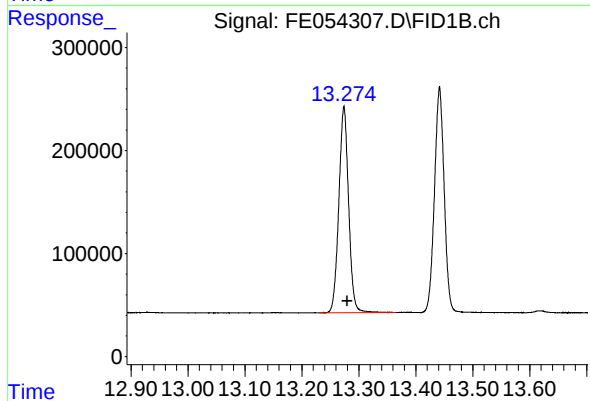
#10 n-Eicosane (C20)

R.T.: 12.829 min
Delta R.T.: -0.006 min
Response: 2607885
Conc: 19.49 ug/ml



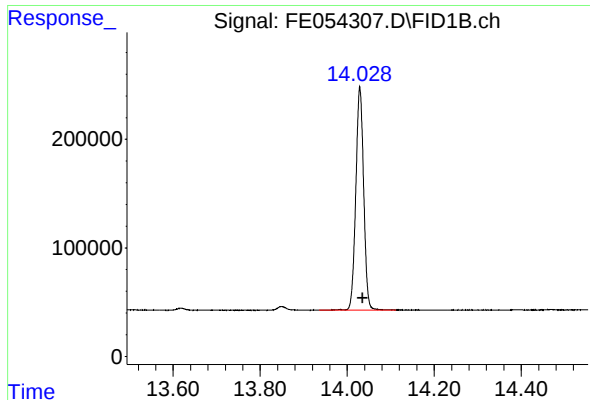
#11 n-Heneicosane (C21)

R.T.: 13.442 min
Delta R.T.: -0.006 min
Response: 2588608
Conc: 19.47 ug/ml



#12 1-chlorooctadecane (SURR)

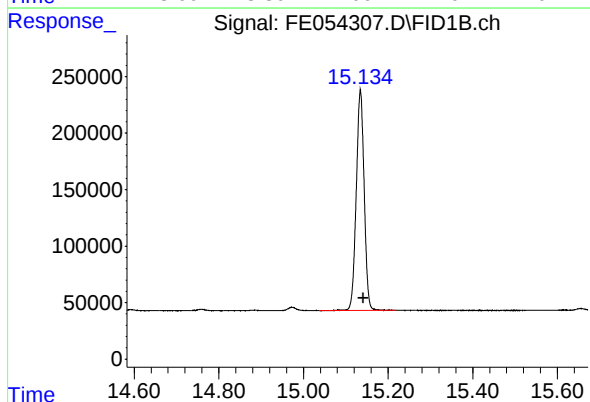
R.T.: 13.274 min
Delta R.T.: -0.006 min
Response: 2384338
Conc: 19.55 ug/ml



#13 n-Docosane (C22)

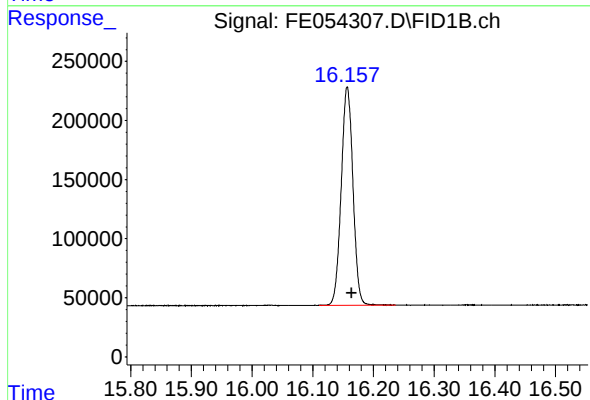
R.T.: 14.029 min
Delta R.T.: -0.006 min
Response: 2574444
Conc: 19.63 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



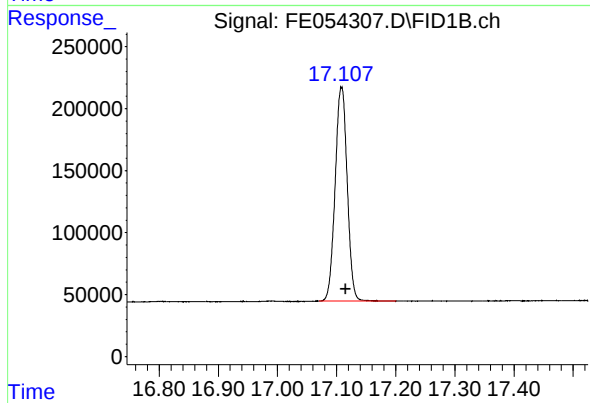
#14 n-Tetracosane (C24)

R.T.: 15.135 min
Delta R.T.: -0.007 min
Response: 2538503
Conc: 19.68 ug/ml



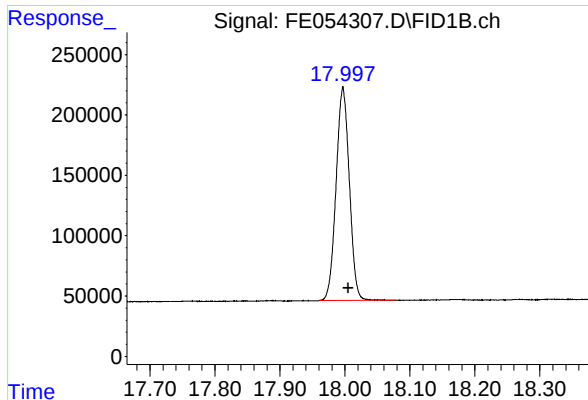
#15 n-Hexacosane (C26)

R.T.: 16.157 min
Delta R.T.: -0.007 min
Response: 2484522
Conc: 19.79 ug/ml



#16 n-Octacosane (C28)

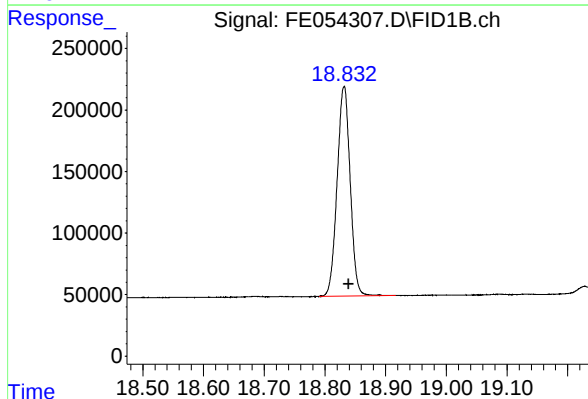
R.T.: 17.108 min
Delta R.T.: -0.007 min
Response: 2446402
Conc: 19.95 ug/ml



#17 n-Tricontane (C30)

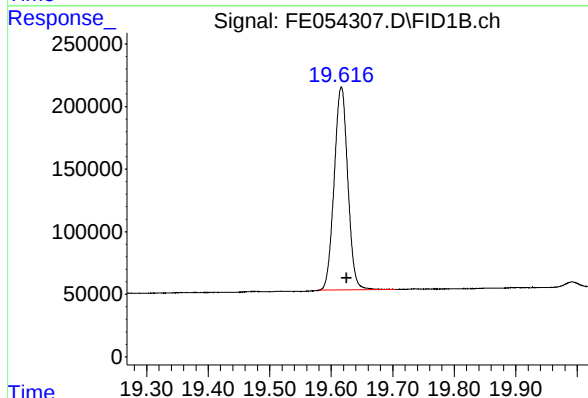
R.T.: 17.997 min
Delta R.T.: -0.008 min
Response: 2505809
Conc: 20.22 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



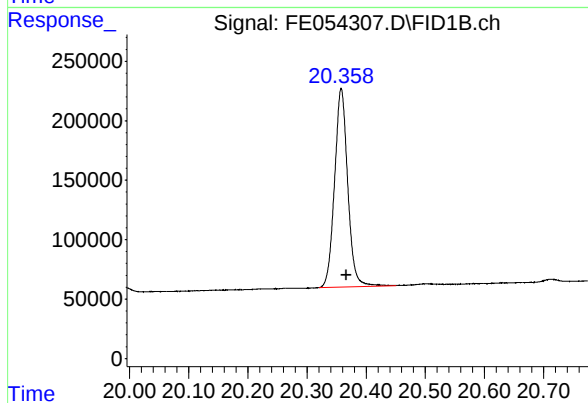
#18 n-Dotriacontane (C32)

R.T.: 18.831 min
Delta R.T.: -0.008 min
Response: 2553596
Conc: 20.32 ug/ml



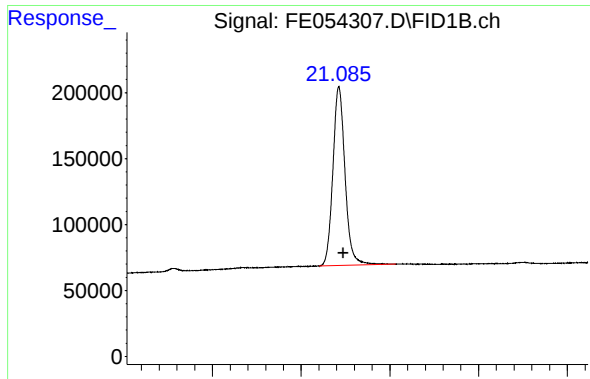
#19 n-Tetatriacontane (C34)

R.T.: 19.616 min
Delta R.T.: -0.009 min
Response: 2500671
Conc: 20.10 ug/ml



#20 n-Hexatriacontane (C36)

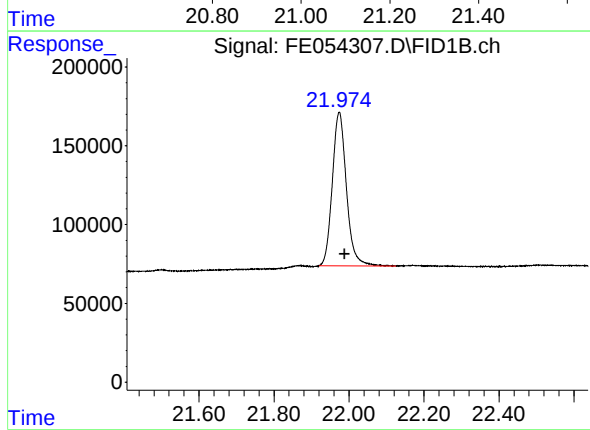
R.T.: 20.358 min
Delta R.T.: -0.008 min
Response: 2577970
Conc: 20.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.085 min
Delta R.T.: -0.011 min
Response: 2580496
Conc: 19.54 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: -0.014 min
Response: 2545832
Conc: 18.90 ug/ml