

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082625AL\
 Data File : FE055506.D
 Signal(s) : FID1B.ch
 Acq On : 26 Aug 2025 14:25
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 27 02:33:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.080	2649116	18.551 ug/ml
Spiked Amount 50.000		Recovery =	37.10%
12) S 1-chlorooctadecane (S...	13.516	2032126	18.899 ug/ml
Spiked Amount 50.000		Recovery =	37.80%
Target Compounds			
1) T n-Nonane (C9)	3.416	1965230	17.123 ug/ml
2) T n-Decane (C10)	4.675	2034633	17.465 ug/ml
3) T A~Naphthalene (C11.7)	6.396	2316493	17.258 ug/ml
4) T n-Dodecane (C12)	6.851	2083321	17.495 ug/ml
5) T A~2-methylnaphthalene...	7.497	2256370	17.306 ug/ml
6) T n-Tetradecane (C14)	8.688	2117417	17.270 ug/ml
7) T n-Hexadecane (C16)	10.303	2235859	17.489 ug/ml
8) T n-Octadecane (C18)	11.753	2357195	18.066 ug/ml
10) T n-Eicosane (C20)	13.068	2324320	18.525 ug/ml
11) T n-Heneicosane (C21)	13.682	2309596	18.736 ug/ml
13) T n-Docosane (C22)	14.271	2330808	19.086 ug/ml
14) T n-Tetracosane (C24)	15.378	2370722	19.491 ug/ml
15) T n-Hexacosane (C26)	16.402	2323473	19.420 ug/ml
16) T n-Octacosane (C28)	17.354	2347418	19.789 ug/ml
17) T n-Tricontane (C30)	18.245	2524604	20.517 ug/ml
18) T n-Dotriacontane (C32)	19.079	2603772	21.340 ug/ml
19) T n-Tetratriacontane (C34)	19.865	2495034	21.340 ug/ml
20) T n-Hexatriacontane (C36)	20.606	2271968	20.787 ug/ml
21) T n-Octatriacontane (C38)	21.386	2157842	19.967 ug/ml
22) T n-Tetracontane (C40)	22.376	2064607	19.743 ug/ml

(f)=RT Delta > 1/2 Window

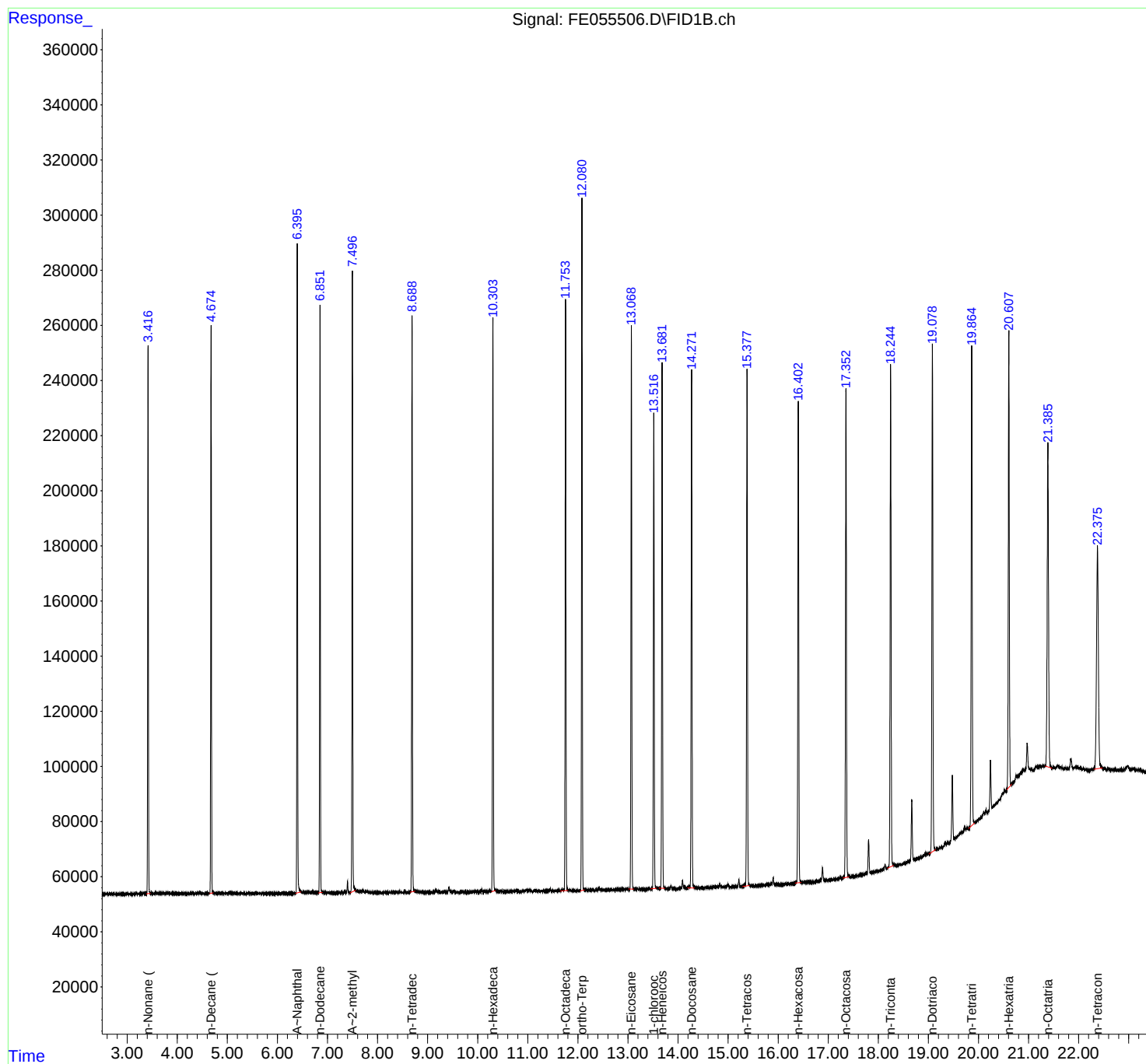
(m)=manual int.

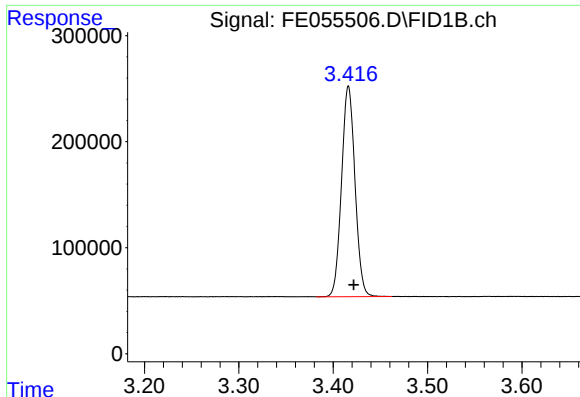
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082625AL\
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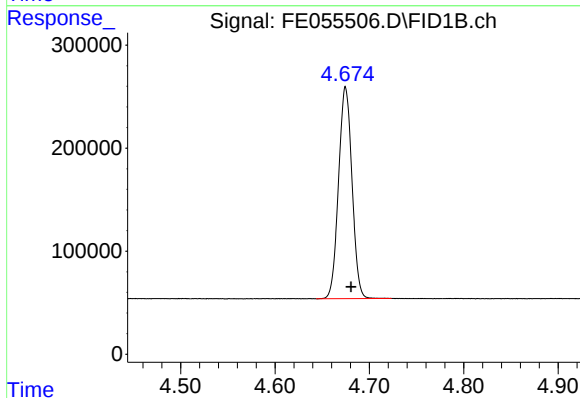




#1 n-Nonane (C9)

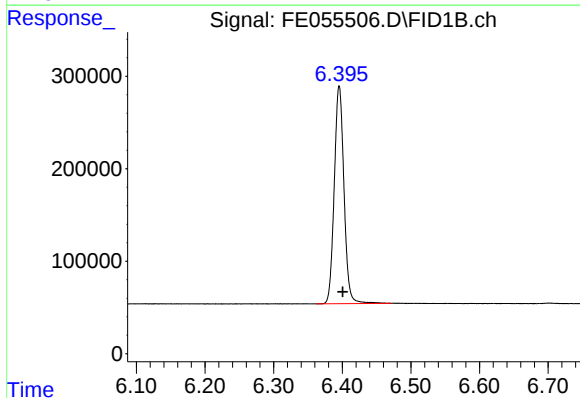
R.T.: 3.416 min
Delta R.T.: -0.006 min
Response: 1965230
Conc: 17.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



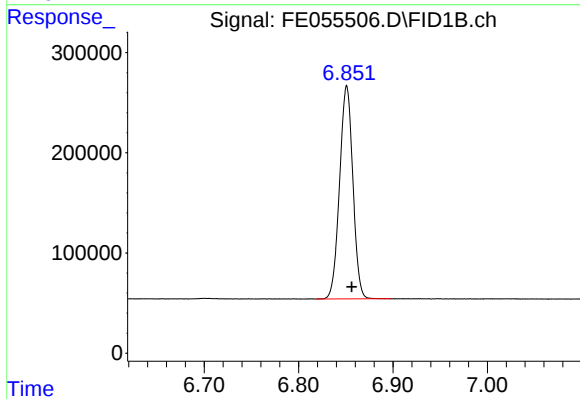
#2 n-Decane (C10)

R.T.: 4.675 min
Delta R.T.: -0.006 min
Response: 2034633
Conc: 17.47 ug/ml



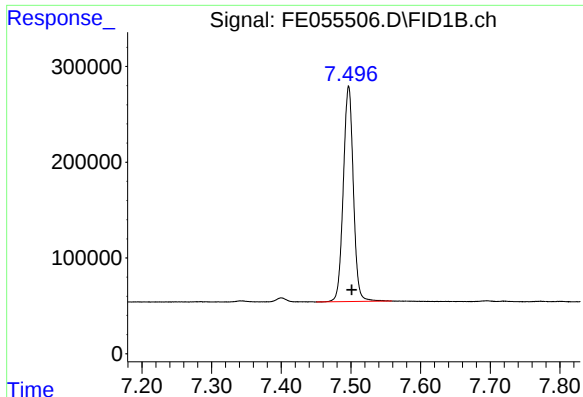
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: -0.005 min
Response: 2316493
Conc: 17.26 ug/ml



#4 n-Dodecane (C12)

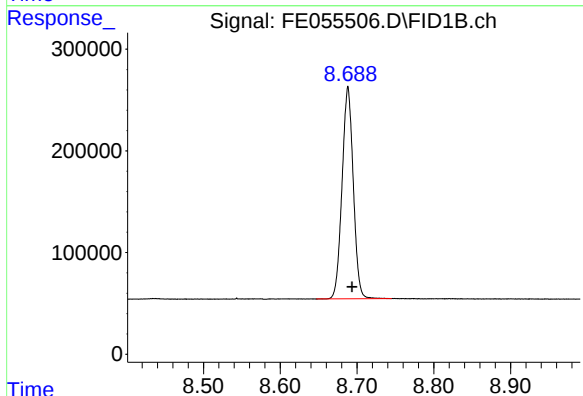
R.T.: 6.851 min
Delta R.T.: -0.005 min
Response: 2083321
Conc: 17.49 ug/ml



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

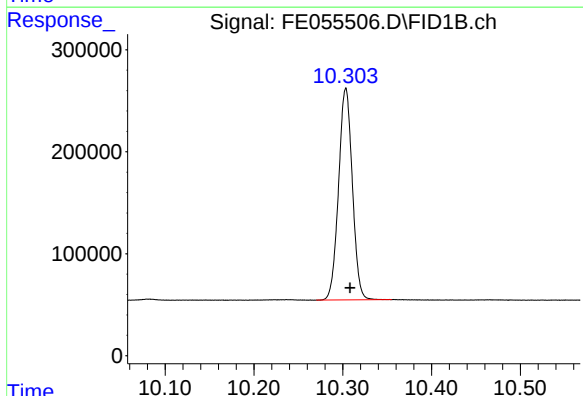
R.T.: 7.497 min
Delta R.T.: -0.005 min
Response: 2256370
Conc: 17.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



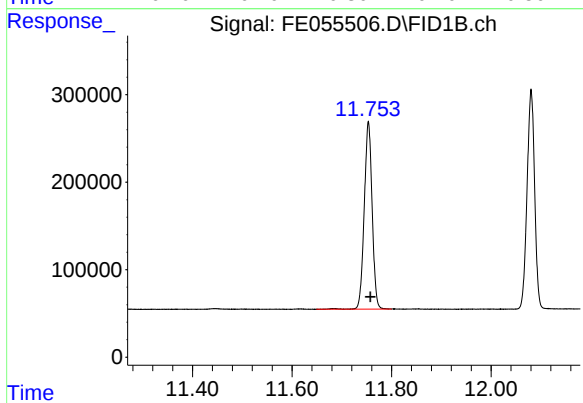
#6 n-Tetradecane (C14)

R.T.: 8.688 min
Delta R.T.: -0.005 min
Response: 2117417
Conc: 17.27 ug/ml



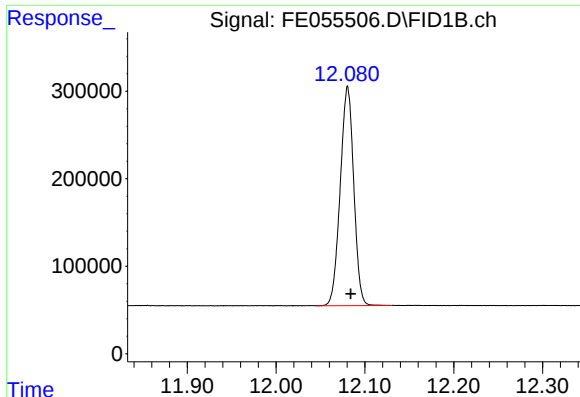
#7 n-Hexadecane (C16)

R.T.: 10.303 min
Delta R.T.: -0.005 min
Response: 2235859
Conc: 17.49 ug/ml



#8 n-Octadecane (C18)

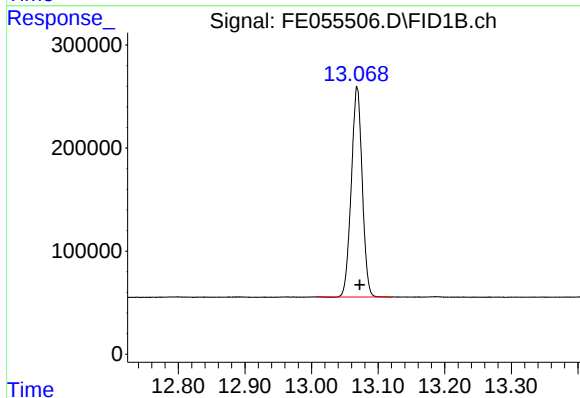
R.T.: 11.753 min
Delta R.T.: -0.004 min
Response: 2357195
Conc: 18.07 ug/ml



#9 ortho-Terphenyl (SURR)

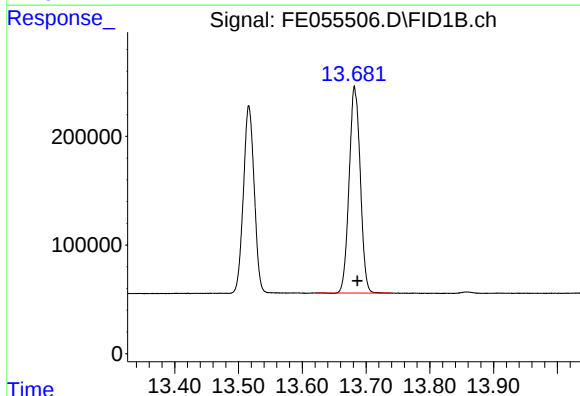
R.T.: 12.080 min
Delta R.T.: -0.004 min
Response: 2649116
Conc: 18.55 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



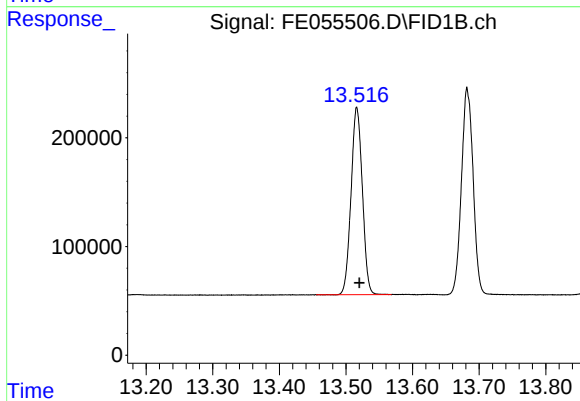
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: -0.004 min
Response: 2324320
Conc: 18.52 ug/ml



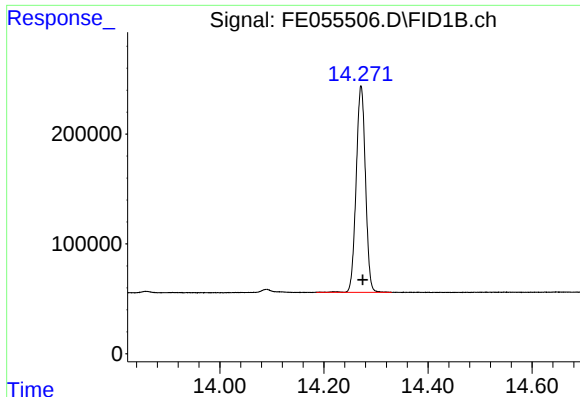
#11 n-Heneicosane (C21)

R.T.: 13.682 min
Delta R.T.: -0.004 min
Response: 2309596
Conc: 18.74 ug/ml



#12 1-chlorooctadecane (SURR)

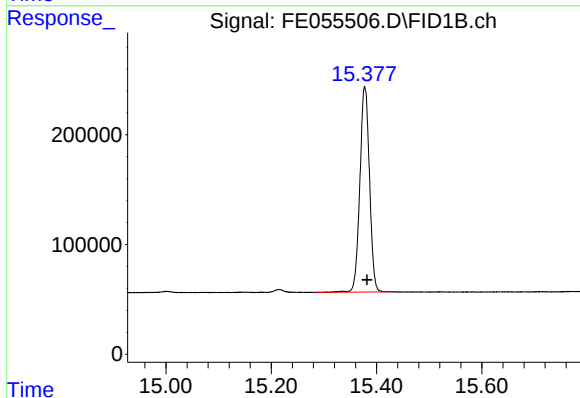
R.T.: 13.516 min
Delta R.T.: -0.004 min
Response: 2032126
Conc: 18.90 ug/ml



#13 n-Docosane (C22)

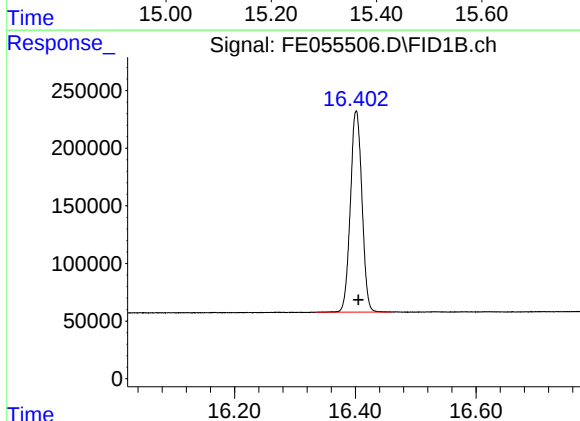
R.T.: 14.271 min
Delta R.T.: -0.004 min
Response: 2330808
Conc: 19.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



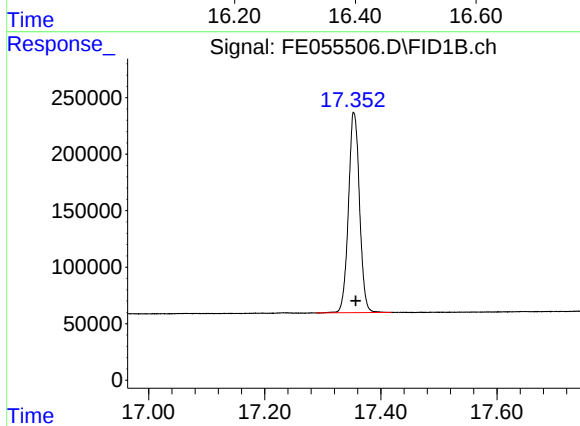
#14 n-Tetracosane (C24)

R.T.: 15.378 min
Delta R.T.: -0.004 min
Response: 2370722
Conc: 19.49 ug/ml



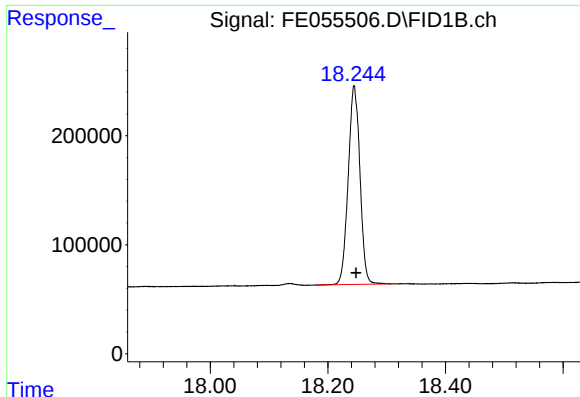
#15 n-Hexacosane (C26)

R.T.: 16.402 min
Delta R.T.: -0.004 min
Response: 2323473
Conc: 19.42 ug/ml



#16 n-Octacosane (C28)

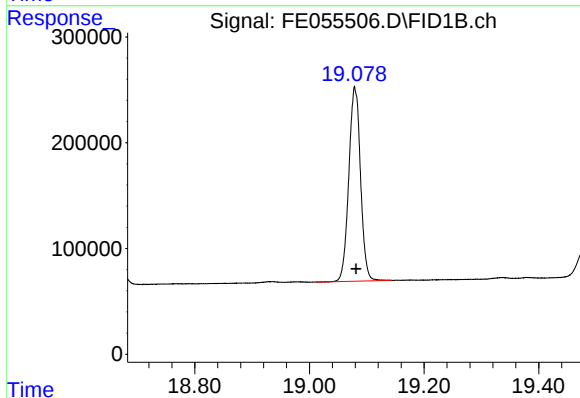
R.T.: 17.354 min
Delta R.T.: -0.003 min
Response: 2347418
Conc: 19.79 ug/ml



#17 n-Tricontane (C30)

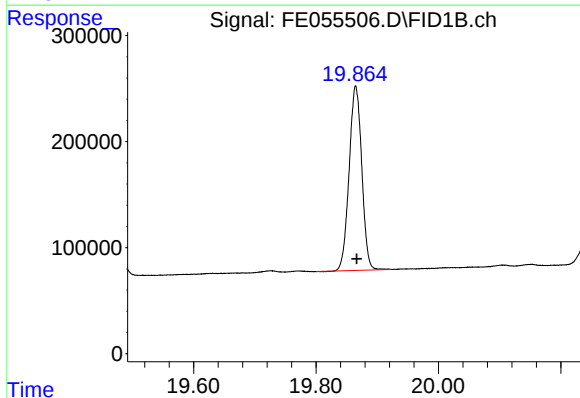
R.T.: 18.245 min
Delta R.T.: -0.003 min
Response: 2524604
Conc: 20.52 ug/ml

Instrument :
FID_C
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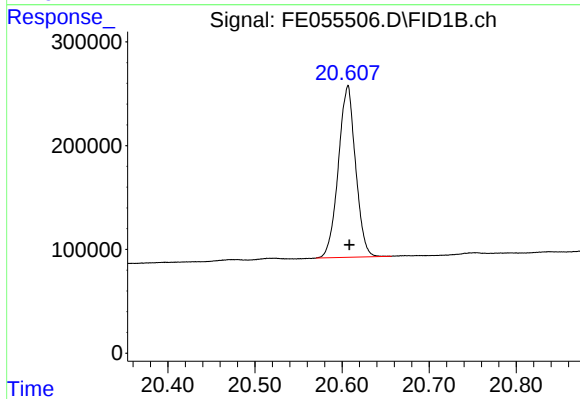
#18 n-Dotriacontane (C32)

R.T.: 19.079 min
Delta R.T.: -0.002 min
Response: 2603772
Conc: 21.34 ug/ml



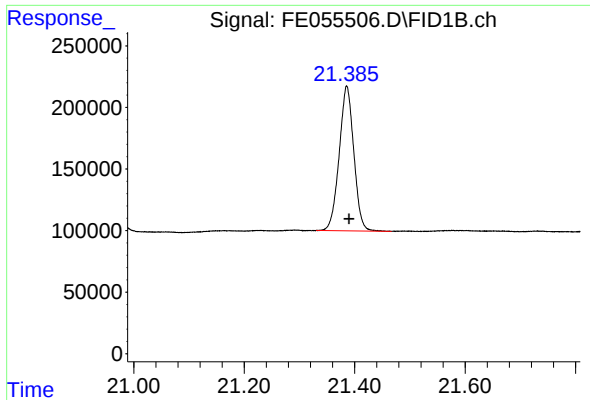
#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: -0.002 min
Response: 2495034
Conc: 21.34 ug/ml



#20 n-Hexatriacontane (C36)

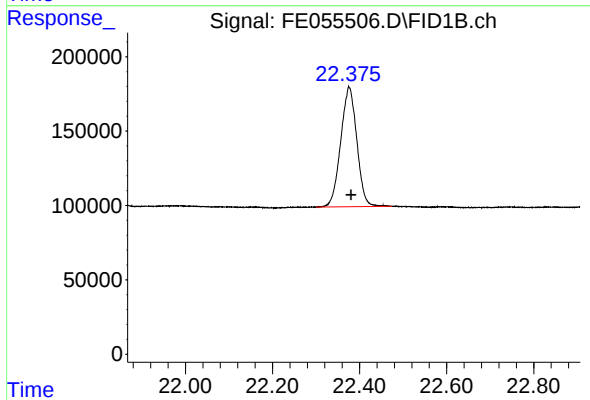
R.T.: 20.606 min
Delta R.T.: -0.002 min
Response: 2271968
Conc: 20.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.386 min
Delta R.T.: -0.004 min
Response: 2157842
Conc: 19.97 ug/ml

Instrument :
FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 22.376 min
Delta R.T.: -0.005 min
Response: 2064607
Conc: 19.74 ug/ml