

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010225AL\
 Data File : FE051836.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jan 2025 22:25
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 03 03:51:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 03 01:16:25 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)	12.112	2763140	19.063 ug/ml
Spiked Amount 50.000		Recovery =	38.13%
12) S 1-chlorooctadecane (S...	13.543	2188831	19.048 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
Target Compounds			
1) T n-Nonane (C9)	3.519	2116480	19.162 ug/ml
2) T n-Decane (C10)	4.762	2182242	19.177 ug/ml
3) T A~Naphthalene (C11.7)	6.466	2453477	19.237 ug/ml
4) T n-Dodecane (C12)	6.915	2253259	19.187 ug/ml
5) T A~2-methylnaphthalene...	7.557	2412747	19.278 ug/ml
6) T n-Tetradecane (C14)	8.739	2294303	19.136 ug/ml
7) T n-Hexadecane (C16)	10.345	2440036	19.067 ug/ml
8) T n-Octadecane (C18)	11.787	2536633	19.063 ug/ml
10) T n-Eicosane (C20)	13.097	2507121	19.054 ug/ml
11) T n-Heneicosane (C21)	13.709	2495621	18.989 ug/ml
13) T n-Docosane (C22)	14.295	2498823	19.048 ug/ml
14) T n-Tetracosane (C24)	15.397	2514662	18.985 ug/ml
15) T n-Hexacosane (C26)	16.418	2477979	18.885 ug/ml
16) T n-Octacosane (C28)	17.368	2425132	18.783 ug/ml
17) T n-Tricontane (C30)	18.254	2402178	18.273 ug/ml
18) T n-Dotriacontane (C32)	19.087	2269790	17.885 ug/ml
19) T n-Tetratriacontane (C34)	19.871	1969264	17.724 ug/ml
20) T n-Hexatriacontane (C36)	20.609	1699271	17.224 ug/ml
21) T n-Octatriacontane (C38)	21.390	1582764	16.823 ug/ml
22) T n-Tetracontane (C40)	22.382	1566815	17.021 ug/ml

(f)=RT Delta > 1/2 Window

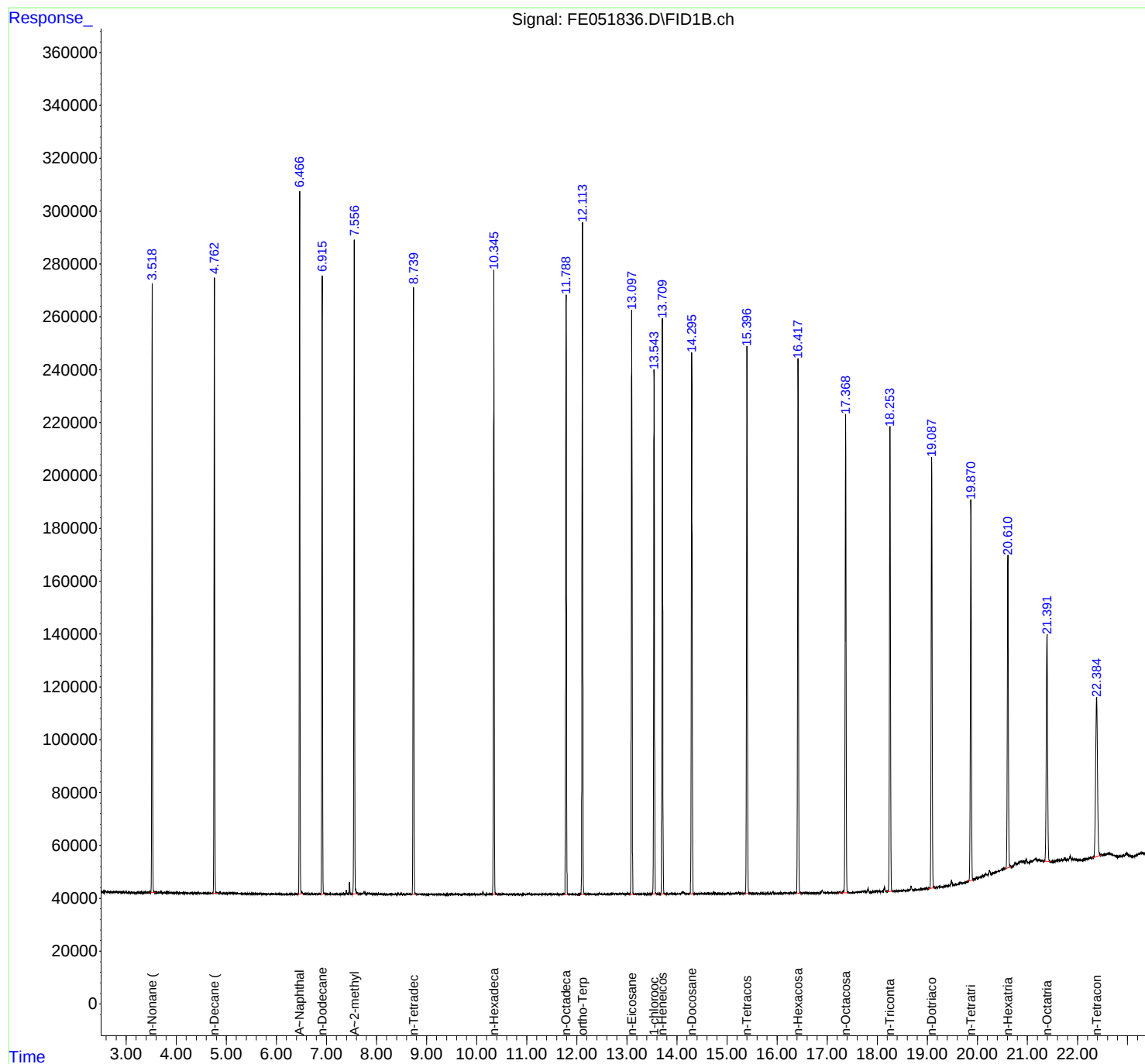
(m)=manual int.

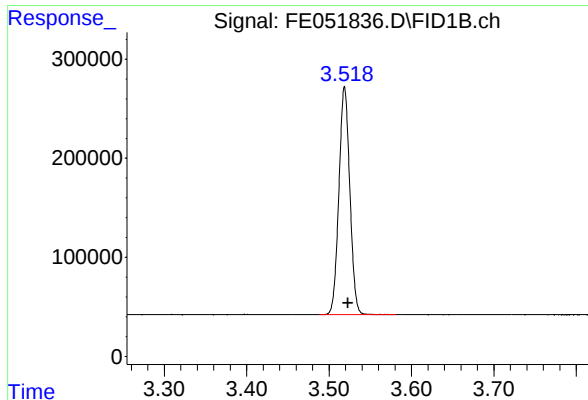
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010225AL\
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Signal Info : 20M x 0.18mm x 0.18um

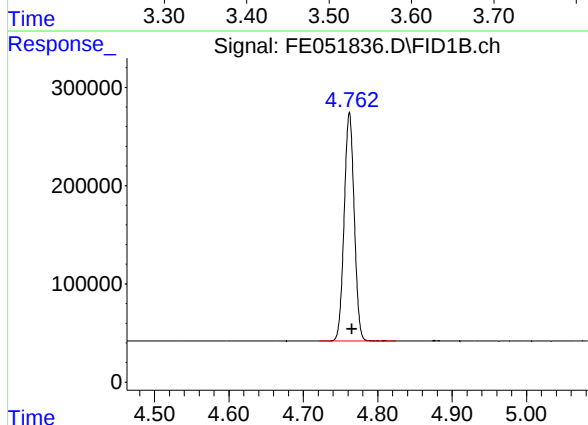




#1 n-Nonane (C9)

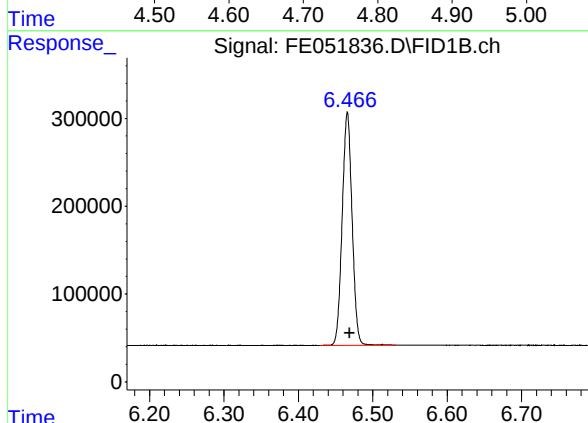
R.T.: 3.519 min
Delta R.T.: -0.004 min
Response: 2116480
Conc: 19.16 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



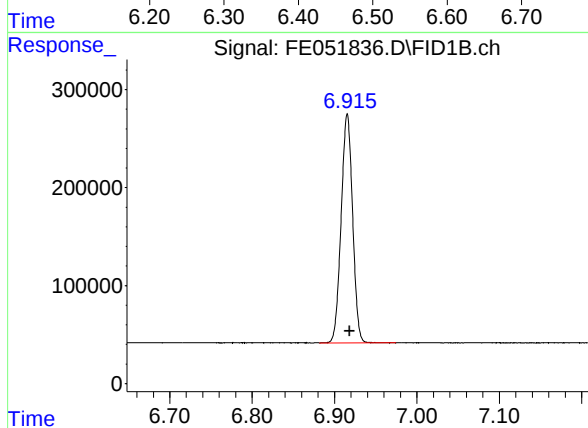
#2 n-Decane (C10)

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 2182242
Conc: 19.18 ug/ml



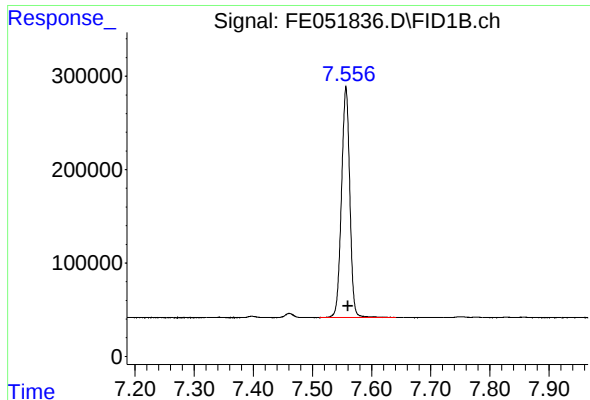
#3 A~Naphthalene (C11.7)

R.T.: 6.466 min
Delta R.T.: -0.003 min
Response: 2453477
Conc: 19.24 ug/ml



#4 n-Dodecane (C12)

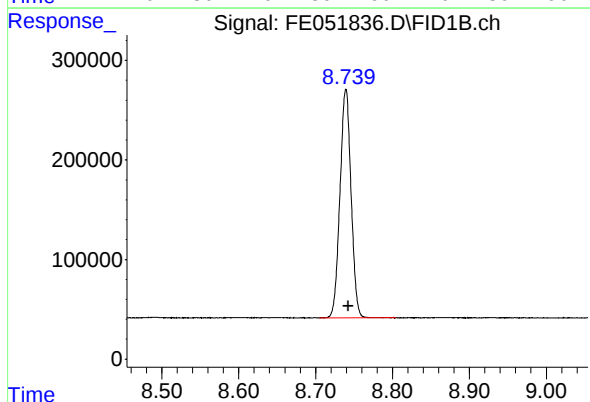
R.T.: 6.915 min
Delta R.T.: -0.003 min
Response: 2253259
Conc: 19.19 ug/ml



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

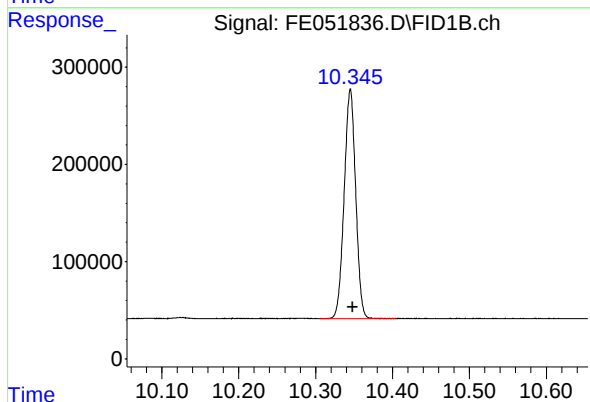
R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 2412747
Conc: 19.28 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



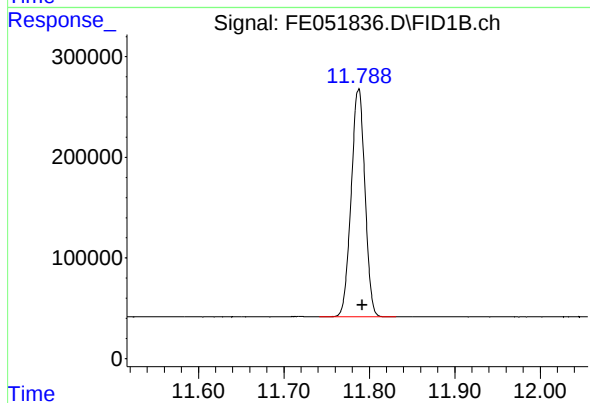
#6 n-Tetradecane (C14)

R.T.: 8.739 min
Delta R.T.: -0.003 min
Response: 2294303
Conc: 19.14 ug/ml



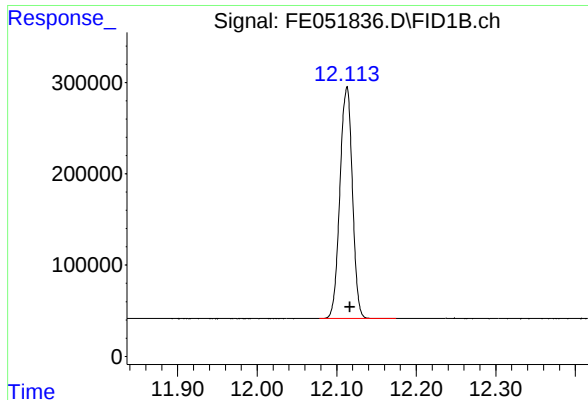
#7 n-Hexadecane (C16)

R.T.: 10.345 min
Delta R.T.: -0.003 min
Response: 2440036
Conc: 19.07 ug/ml



#8 n-Octadecane (C18)

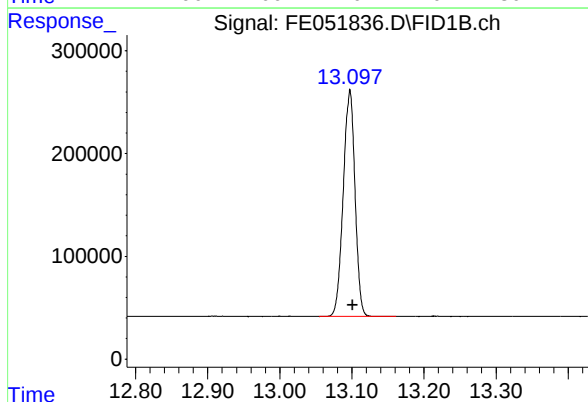
R.T.: 11.787 min
Delta R.T.: -0.004 min
Response: 2536633
Conc: 19.06 ug/ml



#9 ortho-Terphenyl (SURR)

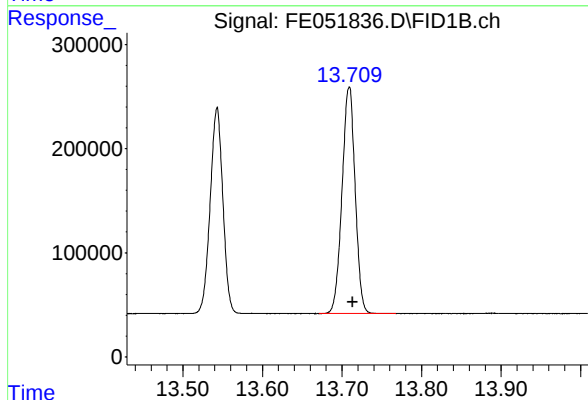
R.T.: 12.112 min
Delta R.T.: -0.004 min
Response: 2763140
Conc: 19.06 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



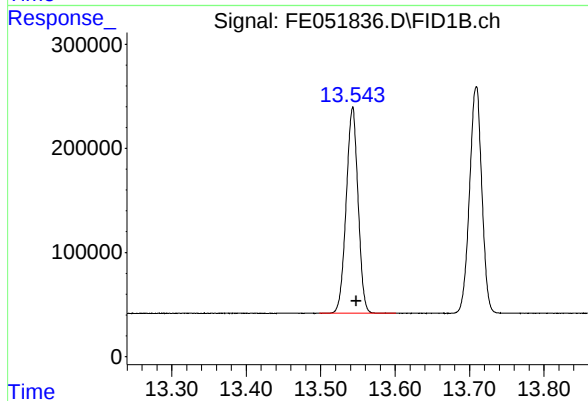
#10 n-Eicosane (C20)

R.T.: 13.097 min
Delta R.T.: -0.004 min
Response: 2507121
Conc: 19.05 ug/ml



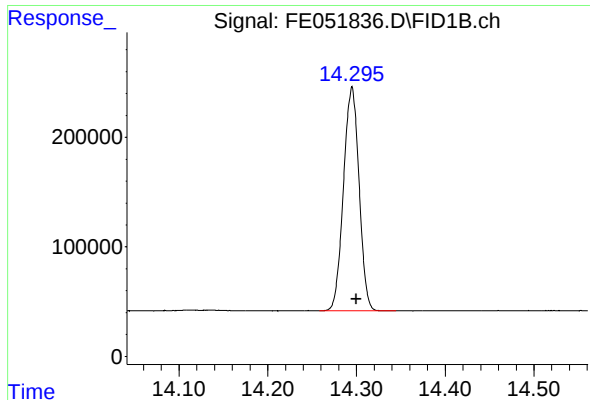
#11 n-Heneicosane (C21)

R.T.: 13.709 min
Delta R.T.: -0.005 min
Response: 2495621
Conc: 18.99 ug/ml



#12 1-chlorooctadecane (SURR)

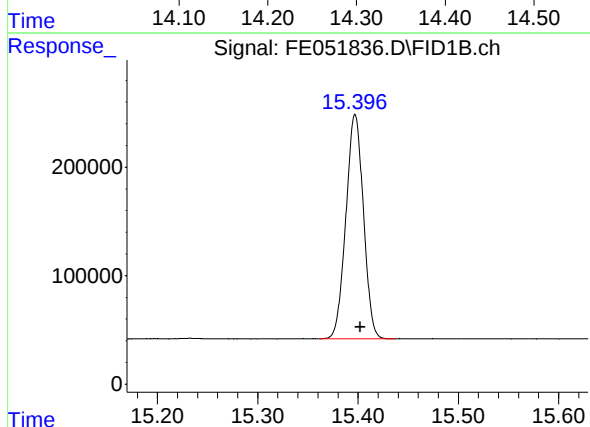
R.T.: 13.543 min
Delta R.T.: -0.005 min
Response: 2188831
Conc: 19.05 ug/ml



#13 n-Docosane (C22)

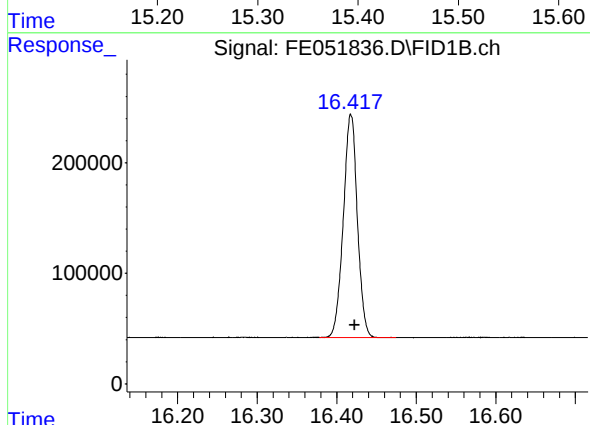
R.T.: 14.295 min
Delta R.T.: -0.005 min
Response: 2498823
Conc: 19.05 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



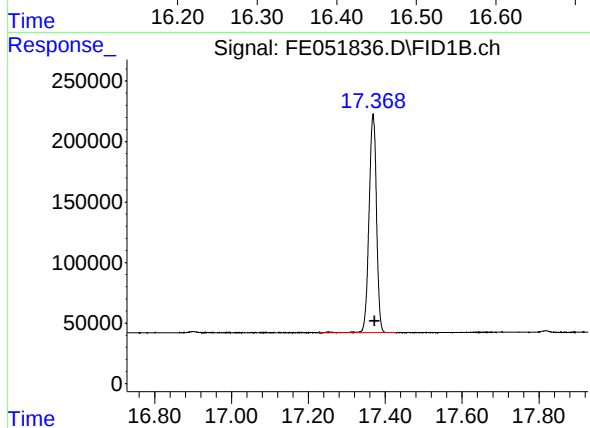
#14 n-Tetracosane (C24)

R.T.: 15.397 min
Delta R.T.: -0.005 min
Response: 2514662
Conc: 18.98 ug/ml



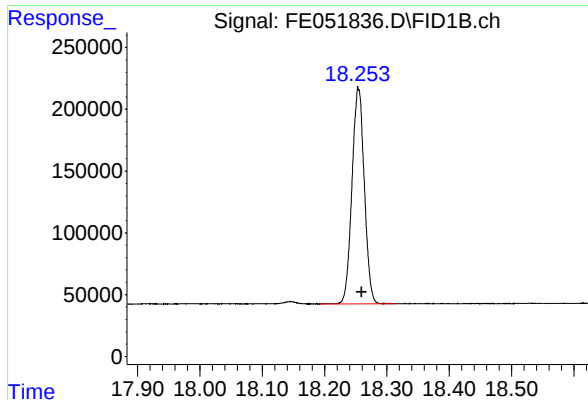
#15 n-Hexacosane (C26)

R.T.: 16.418 min
Delta R.T.: -0.005 min
Response: 2477979
Conc: 18.89 ug/ml



#16 n-Octacosane (C28)

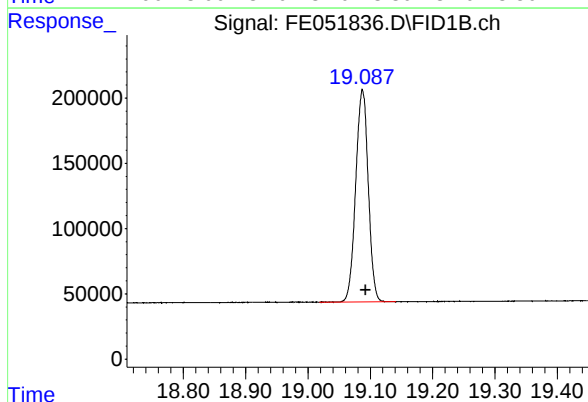
R.T.: 17.368 min
Delta R.T.: -0.005 min
Response: 2425132
Conc: 18.78 ug/ml



#17 n-Tricontane (C30)

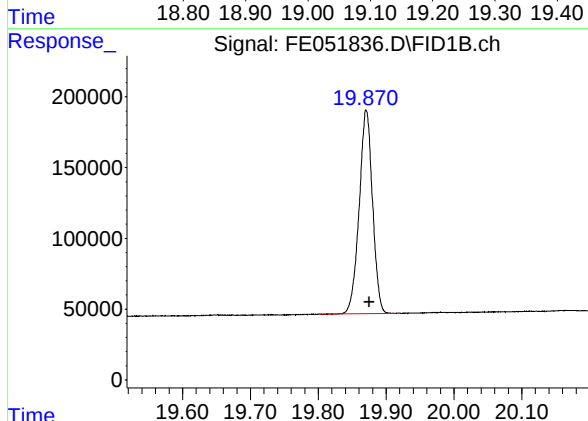
R.T.: 18.254 min
Delta R.T.: -0.005 min
Response: 2402178
Conc: 18.27 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



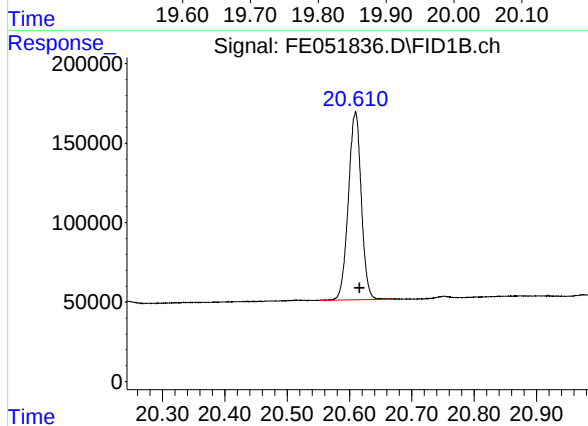
#18 n-Dotriacontane (C32)

R.T.: 19.087 min
Delta R.T.: -0.005 min
Response: 2269790
Conc: 17.89 ug/ml



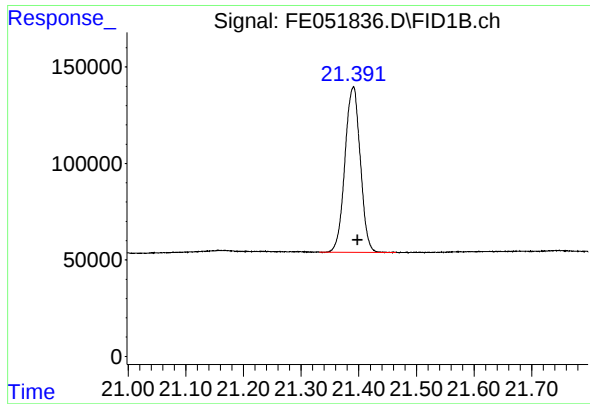
#19 n-Tetratriacontane (C34)

R.T.: 19.871 min
Delta R.T.: -0.004 min
Response: 1969264
Conc: 17.72 ug/ml



#20 n-Hexatriacontane (C36)

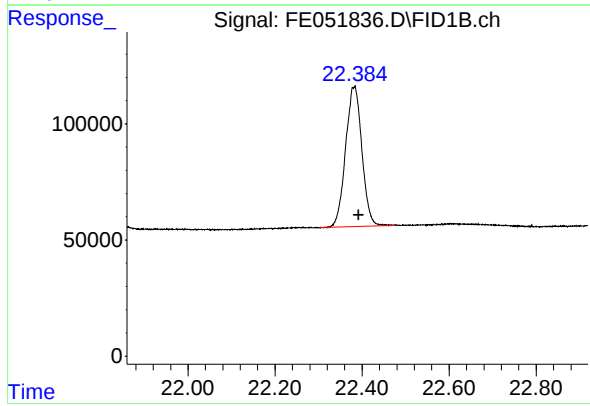
R.T.: 20.609 min
Delta R.T.: -0.007 min
Response: 1699271
Conc: 17.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.390 min
Delta R.T.: -0.008 min
Response: 1582764
Conc: 16.82 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.382 min
Delta R.T.: -0.011 min
Response: 1566815
Conc: 17.02 ug/ml