

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072625AL\
 Data File : FE055039.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jul 2025 00:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 26 03:57:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 26 03:55:28 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)	12.086	2705510	18.278 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
12) S 1-chlorooctadecane (S...	13.521	2045894	18.270 ug/ml
Spiked Amount 50.000		Recovery =	36.54%
Target Compounds			
1) T n-Nonane (C9)	3.424	2222356	18.305 ug/ml
2) T n-Decane (C10)	4.683	2265418	18.303 ug/ml
3) T A~Naphthalene (C11.7)	6.402	2608380	18.326 ug/ml
4) T n-Dodecane (C12)	6.858	2317080	18.281 ug/ml
5) T A~2-methylnaphthalene...	7.503	2538051	18.368 ug/ml
6) T n-Tetradecane (C14)	8.696	2381478	18.137 ug/ml
7) T n-Hexadecane (C16)	10.311	2451026	18.220 ug/ml
8) T n-Octadecane (C18)	11.759	2483567	18.248 ug/ml
10) T n-Eicosane (C20)	13.074	2373244	18.237 ug/ml
11) T n-Heneicosane (C21)	13.688	2325478	18.287 ug/ml
13) T n-Docosane (C22)	14.276	2303084	18.251 ug/ml
14) T n-Tetracosane (C24)	15.382	2288860	18.263 ug/ml
15) T n-Hexacosane (C26)	16.406	2251904	18.227 ug/ml
16) T n-Octacosane (C28)	17.358	2226239	17.959 ug/ml
17) T n-Tricontane (C30)	18.248	2296525	17.525 ug/ml
18) T n-Dotriacontane (C32)	19.082	2266671	17.385 ug/ml
19) T n-Tetratriacontane (C34)	19.867	2171463	17.516 ug/ml
20) T n-Hexatriacontane (C36)	20.607	2038766	17.747 ug/ml
21) T n-Octatriacontane (C38)	21.390	1986311	17.673 ug/ml
22) T n-Tetracontane (C40)	22.383	1957011	17.748 ug/ml

(f)=RT Delta > 1/2 Window

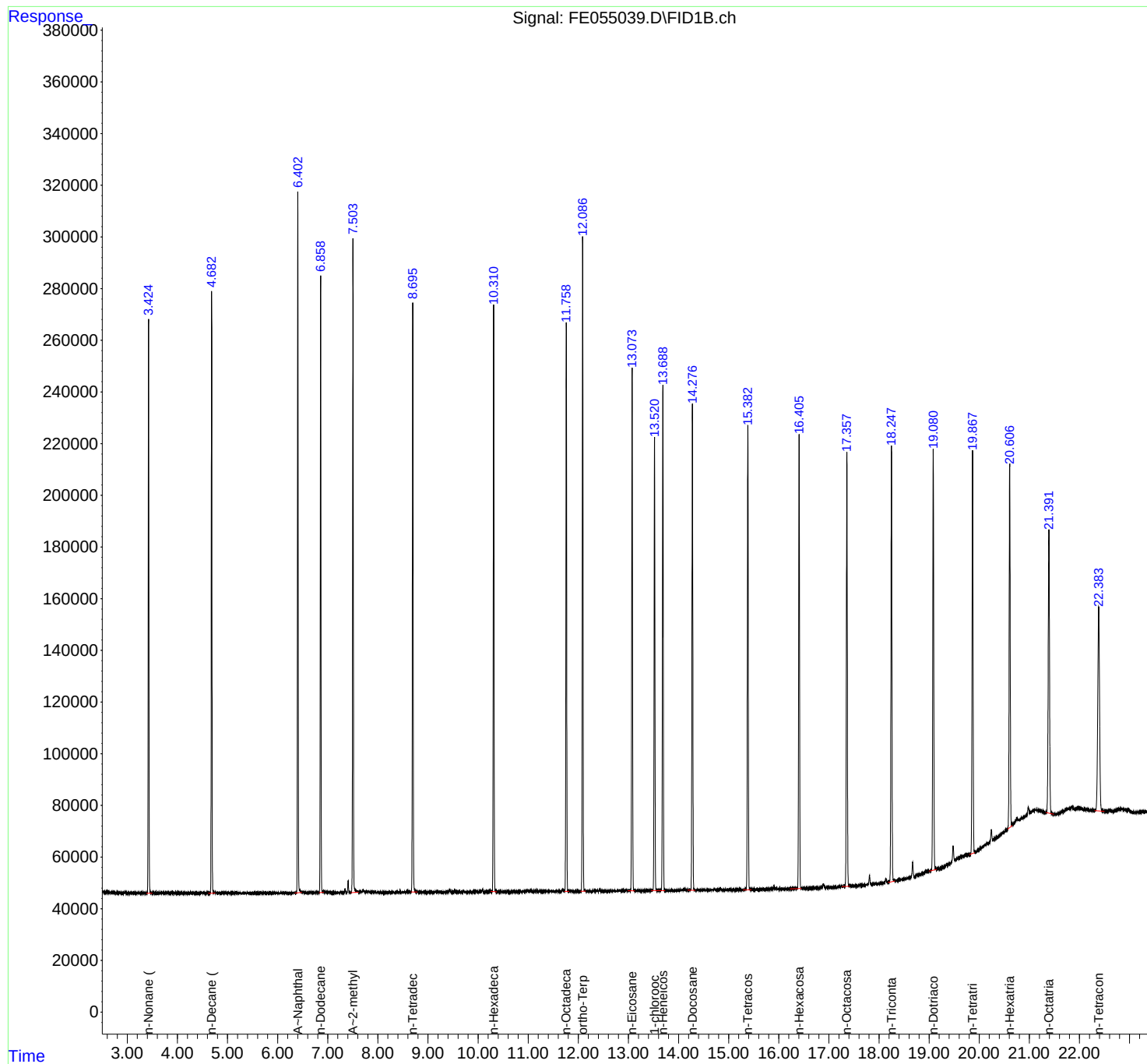
(m)=manual int.

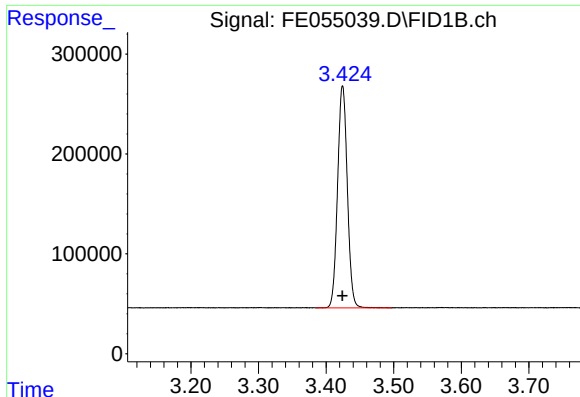
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072625AL\
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Signal Info : 20M x 0.18mm x 0.18um

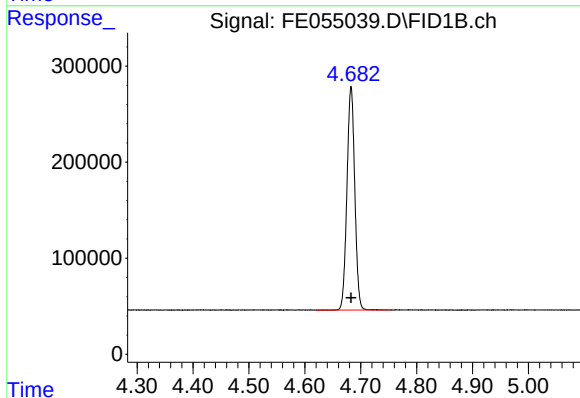




#1 n-Nonane (C9)

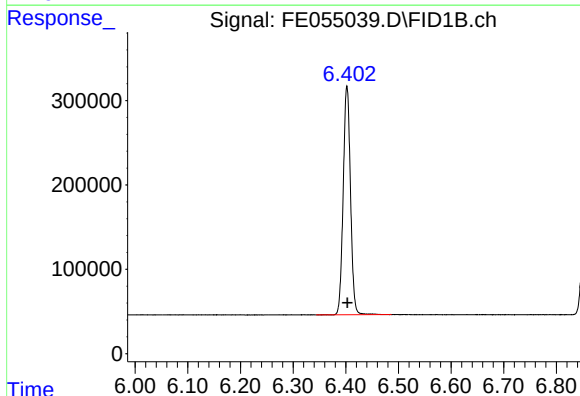
R.T.: 3.424 min
Delta R.T.: 0.000 min
Response: 2222356
Conc: 18.30 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



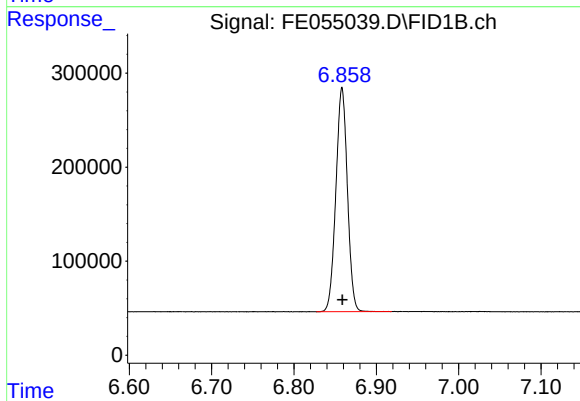
#2 n-Decane (C10)

R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 2265418
Conc: 18.30 ug/ml



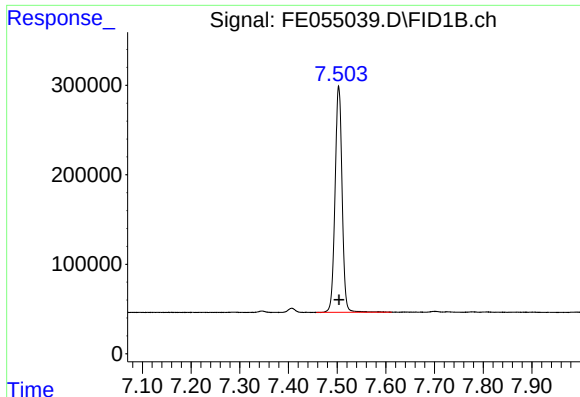
#3 A~Naphthalene (C11.7)

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 2608380
Conc: 18.33 ug/ml



#4 n-Dodecane (C12)

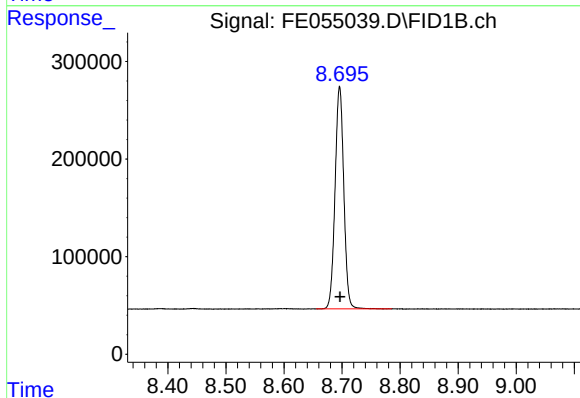
R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 2317080
Conc: 18.28 ug/ml



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

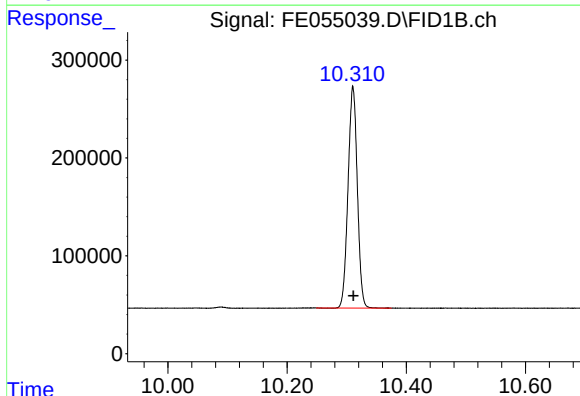
R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 2538051
Conc: 18.37 ug/ml

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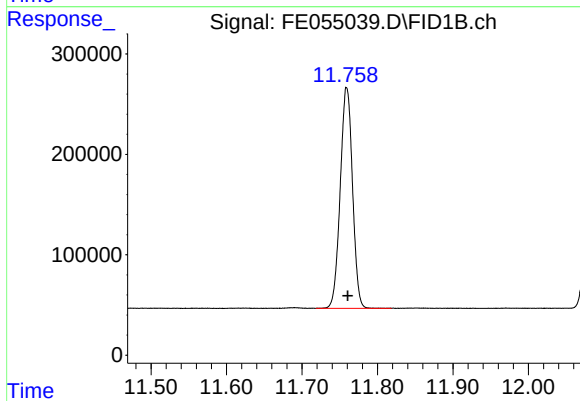
#6 n-Tetradecane (C14)

R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 2381478
Conc: 18.14 ug/ml



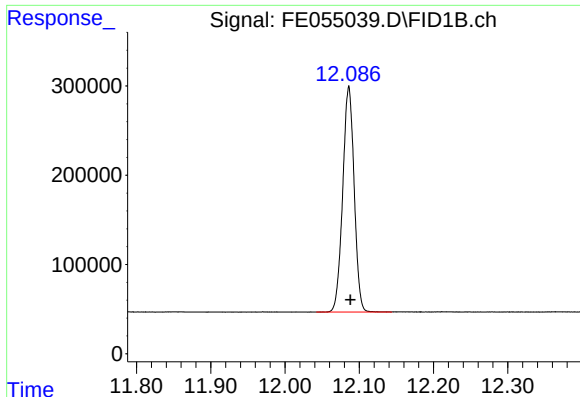
#7 n-Hexadecane (C16)

R.T.: 10.311 min
Delta R.T.: 0.000 min
Response: 2451026
Conc: 18.22 ug/ml



#8 n-Octadecane (C18)

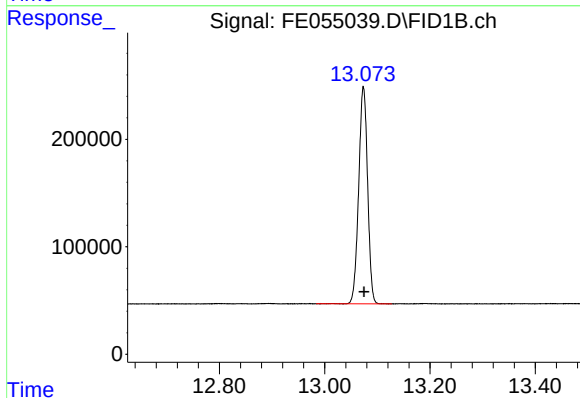
R.T.: 11.759 min
Delta R.T.: -0.001 min
Response: 2483567
Conc: 18.25 ug/ml



#9 ortho-Terphenyl (SURR)

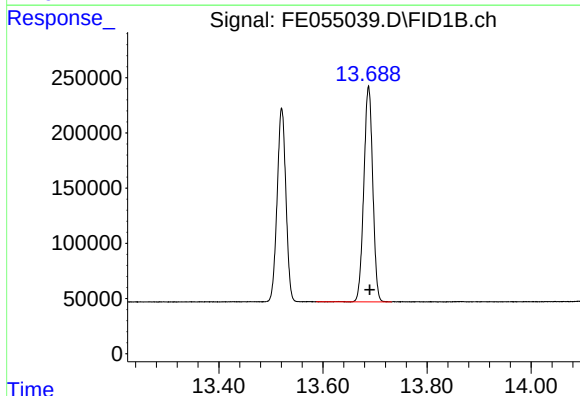
R.T.: 12.086 min
Delta R.T.: -0.002 min
Response: 2705510
Conc: 18.28 ug/ml

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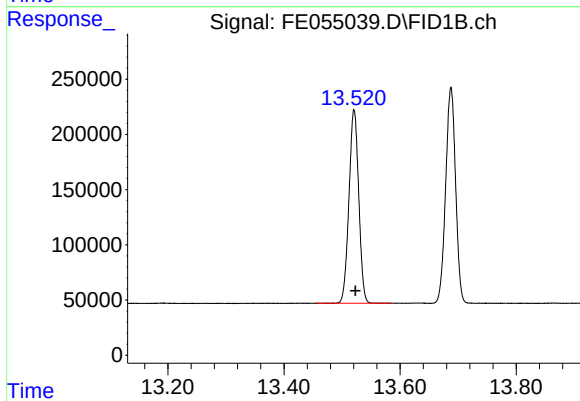
#10 n-Eicosane (C20)

R.T.: 13.074 min
Delta R.T.: -0.001 min
Response: 2373244
Conc: 18.24 ug/ml



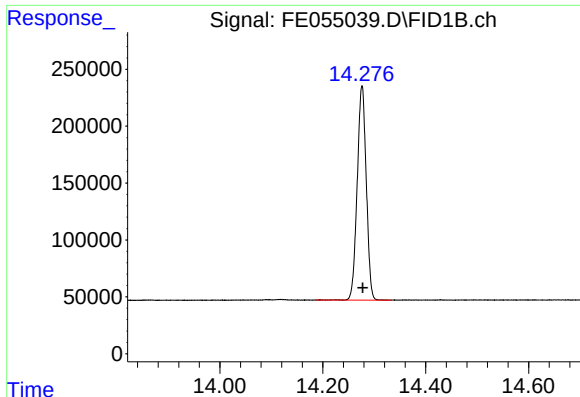
#11 n-Heneicosane (C21)

R.T.: 13.688 min
Delta R.T.: -0.002 min
Response: 2325478
Conc: 18.29 ug/ml



#12 1-chlorooctadecane (SURR)

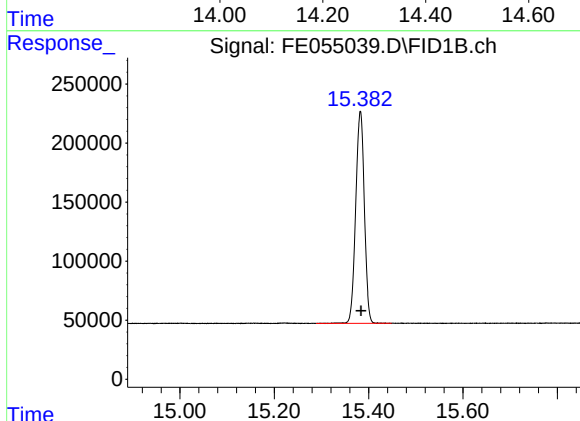
R.T.: 13.521 min
Delta R.T.: -0.002 min
Response: 2045894
Conc: 18.27 ug/ml



#13 n-Docosane (C22)

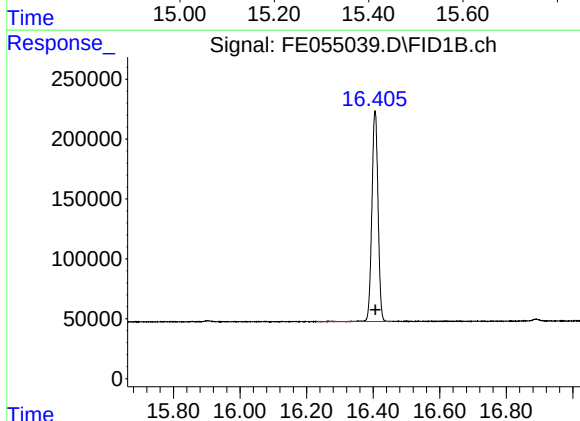
R.T.: 14.276 min
Delta R.T.: -0.001 min
Response: 2303084
Conc: 18.25 ug/ml

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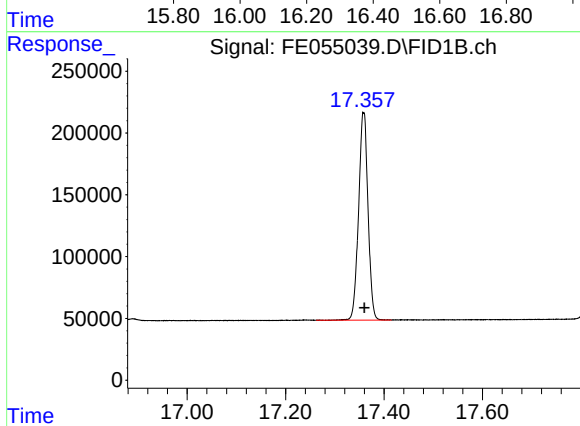
#14 n-Tetracosane (C24)

R.T.: 15.382 min
Delta R.T.: -0.001 min
Response: 2288860
Conc: 18.26 ug/ml



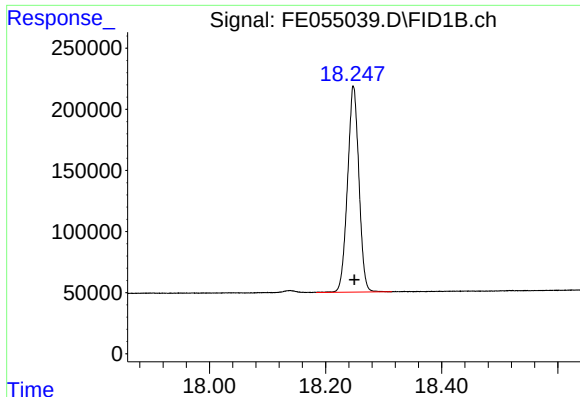
#15 n-Hexacosane (C26)

R.T.: 16.406 min
Delta R.T.: -0.001 min
Response: 2251904
Conc: 18.23 ug/ml



#16 n-Octacosane (C28)

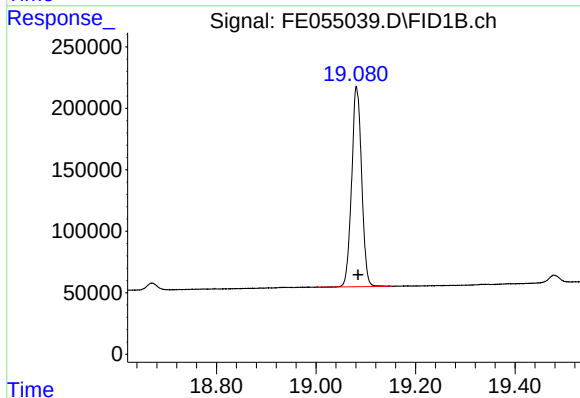
R.T.: 17.358 min
Delta R.T.: -0.002 min
Response: 2226239
Conc: 17.96 ug/ml



#17 n-Tricontane (C30)

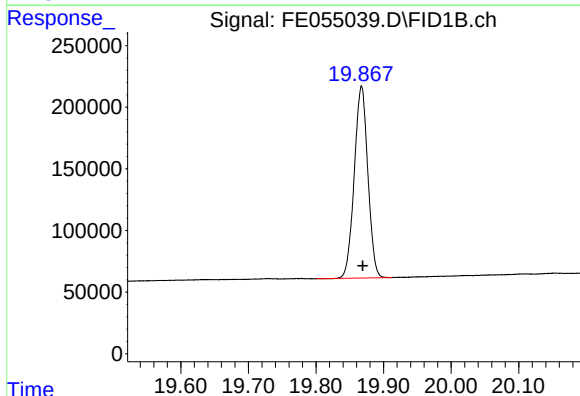
R.T.: 18.248 min
Delta R.T.: -0.001 min
Response: 2296525
Conc: 17.52 ug/ml

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20 PPM ALIPHATIC HC STD



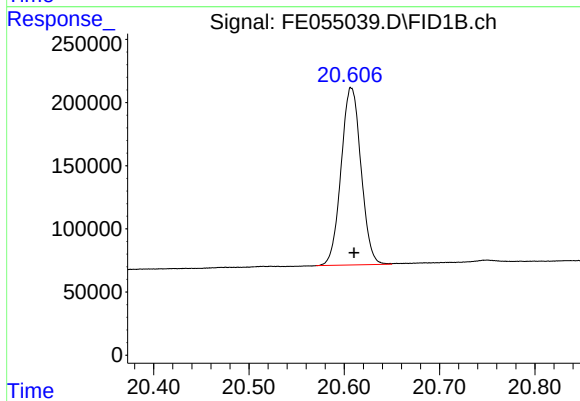
#18 n-Dotriacontane (C32)

R.T.: 19.082 min
Delta R.T.: -0.003 min
Response: 2266671
Conc: 17.38 ug/ml



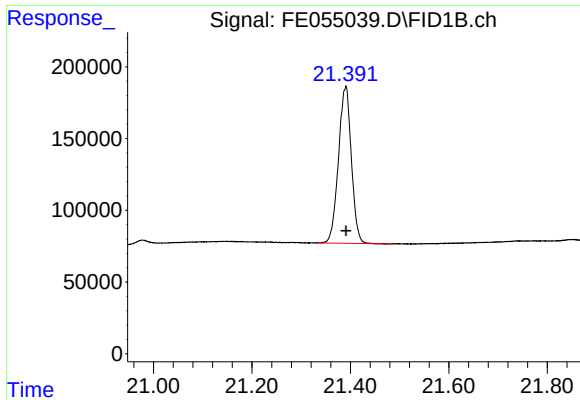
#19 n-Tetratriacontane (C34)

R.T.: 19.867 min
Delta R.T.: -0.002 min
Response: 2171463
Conc: 17.52 ug/ml



#20 n-Hexatriacontane (C36)

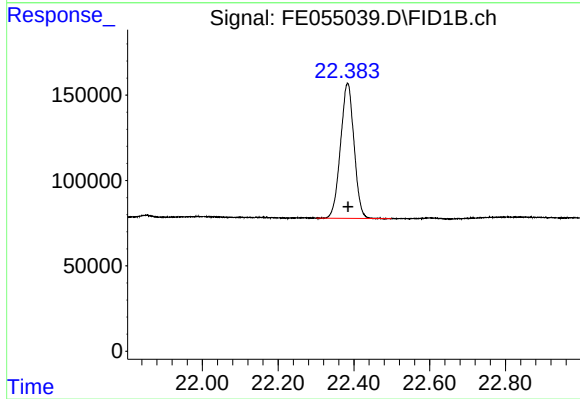
R.T.: 20.607 min
Delta R.T.: -0.003 min
Response: 2038766
Conc: 17.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.390 min
Delta R.T.: -0.001 min
Response: 1986311
Conc: 17.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.383 min
Delta R.T.: 0.000 min
Response: 1957011
Conc: 17.75 ug/ml