

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091125AL\
 Data File : FE055785.D
 Signal(s) : FID1B.ch
 Acq On : 12 Sep 2025 00:16
 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: Sep 12 01:24:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.071	2923702	17.797 ug/ml
Spiked Amount 50.000		Recovery =	35.59%
12) S 1-chlorooctadecane (S...	13.508	2203533	17.622 ug/ml
Spiked Amount 50.000		Recovery =	35.24%
Target Compounds			
1) T n-Nonane (C9)	3.412	2254315	17.764 ug/ml
2) T n-Decane (C10)	4.670	2384495	18.615 ug/ml
3) T A~Naphthalene (C11.7)	6.388	2652142	18.254 ug/ml
4) T n-Dodecane (C12)	6.844	2446131	18.786 ug/ml
5) T A~2-methylnaphthalene...	7.489	2570733	18.277 ug/ml
6) T n-Tetradecane (C14)	8.681	2478414	18.820 ug/ml
7) T n-Hexadecane (C16)	10.296	2615710	18.886 ug/ml
8) T n-Octadecane (C18)	11.746	2700830	18.517 ug/ml
10) T n-Eicosane (C20)	13.060	2594417	18.023 ug/ml
11) T n-Heneicosane (C21)	13.675	2525672	17.681 ug/ml
13) T n-Docosane (C22)	14.263	2519950	17.604 ug/ml
14) T n-Tetracosane (C24)	15.369	2533236	17.507 ug/ml
15) T n-Hexacosane (C26)	16.393	2450590	17.153 ug/ml
16) T n-Octacosane (C28)	17.346	2512073	17.661 ug/ml
17) T n-Tricontane (C30)	18.234	2769385	18.735 ug/ml
18) T n-Dotriacontane (C32)	19.069	2912141	19.841 ug/ml
19) T n-Tetratriacontane (C34)	19.854	2701357	19.120 ug/ml
20) T n-Hexatriacontane (C36)	20.596	2454266	18.599 ug/ml
21) T n-Octatriacontane (C38)	21.373	2268019	17.414 ug/ml
22) T n-Tetracontane (C40)	22.357	2192994	17.101 ug/ml

(f)=RT Delta > 1/2 Window

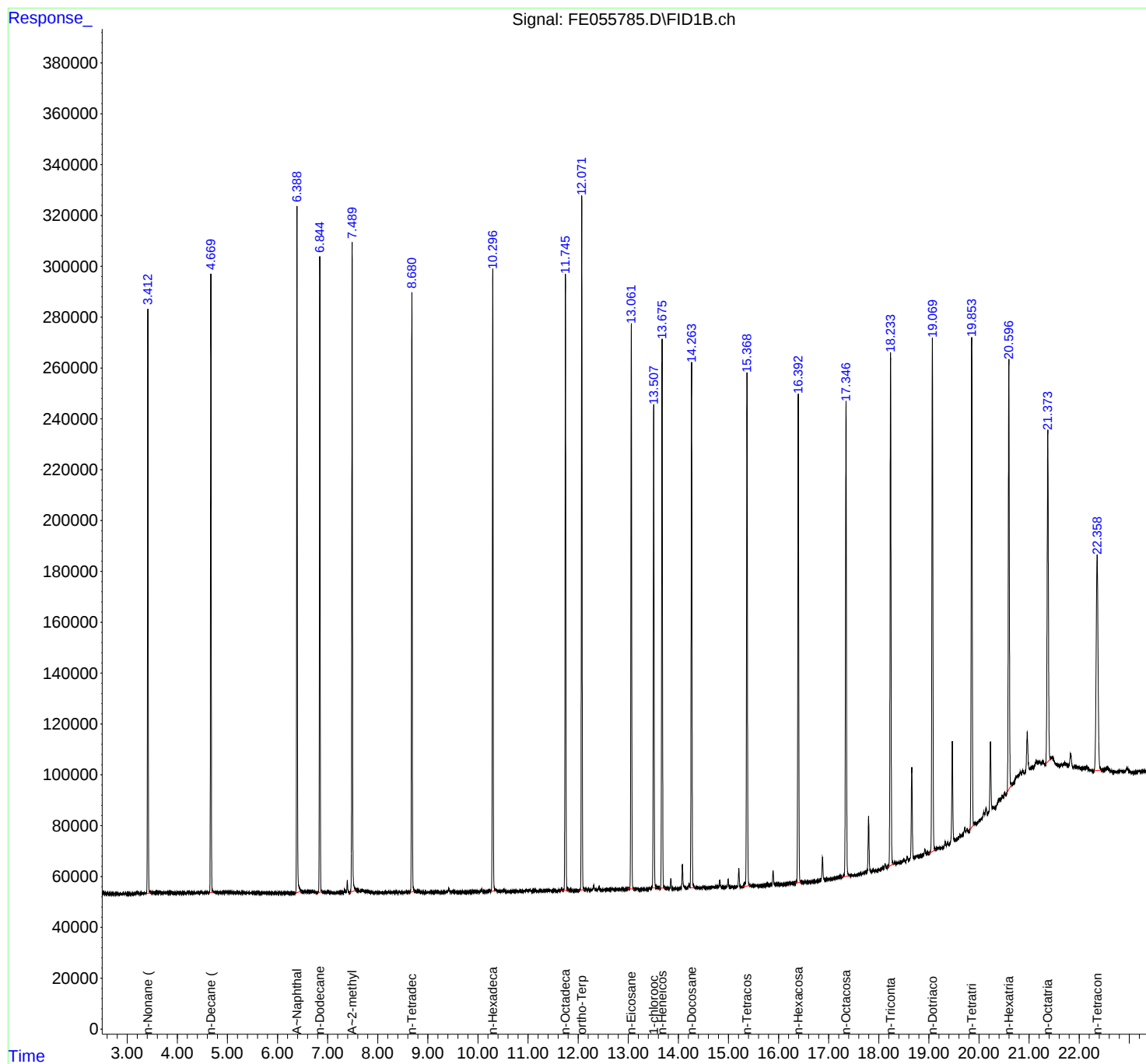
(m)=manual int.

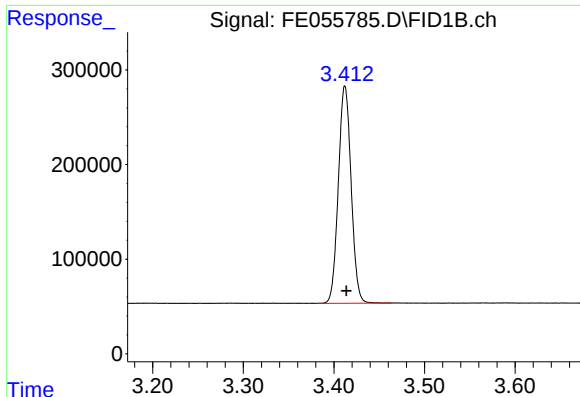
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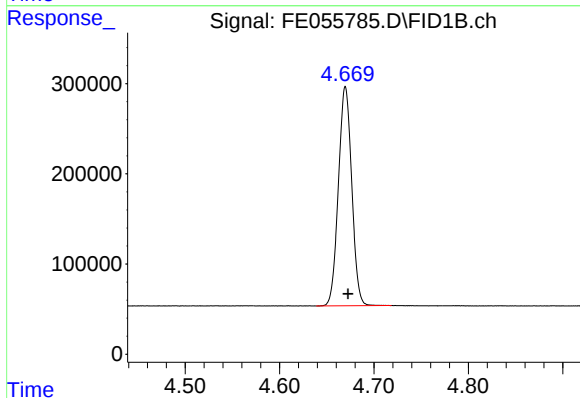




#1 n-Nonane (C9)

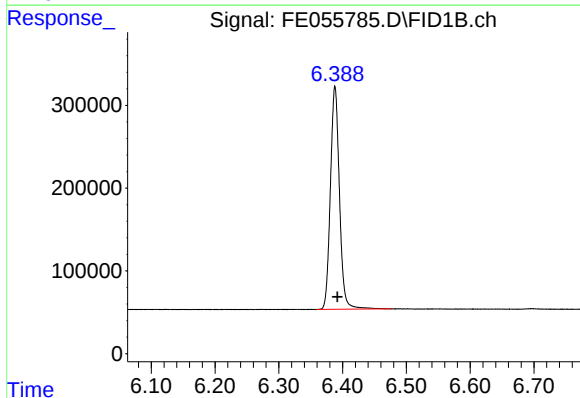
R.T.: 3.412 min
Delta R.T.: -0.002 min
Response: 2254315
Conc: 17.76 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



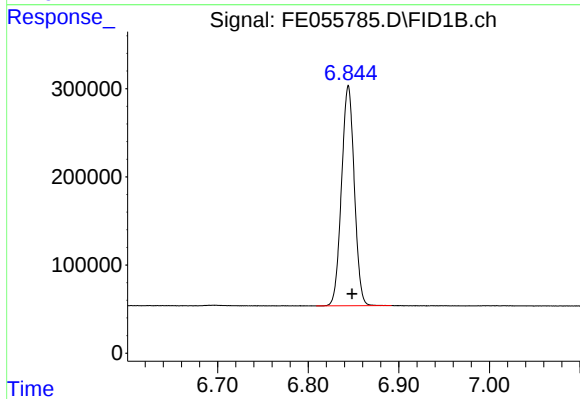
#2 n-Decane (C10)

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 2384495
Conc: 18.61 ug/ml



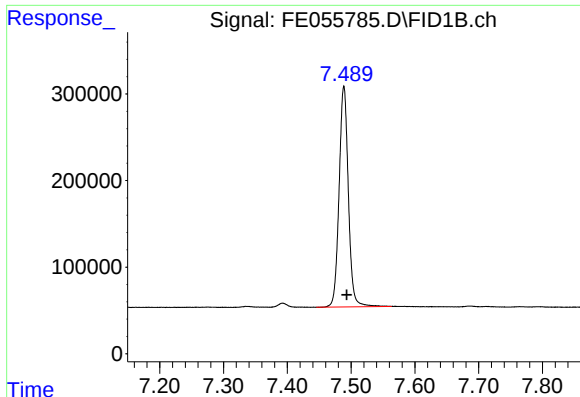
#3 A~Naphthalene (C11.7)

R.T.: 6.388 min
Delta R.T.: -0.004 min
Response: 2652142
Conc: 18.25 ug/ml



#4 n-Dodecane (C12)

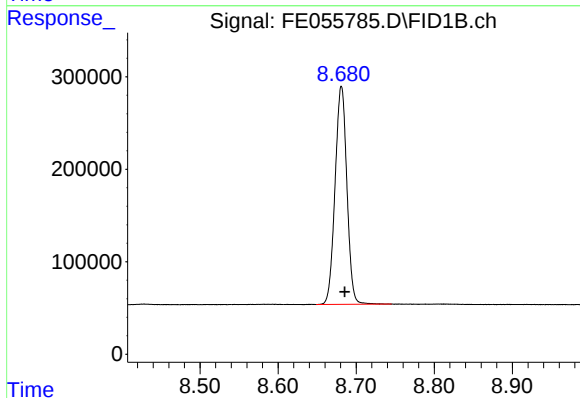
R.T.: 6.844 min
Delta R.T.: -0.004 min
Response: 2446131
Conc: 18.79 ug/ml



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

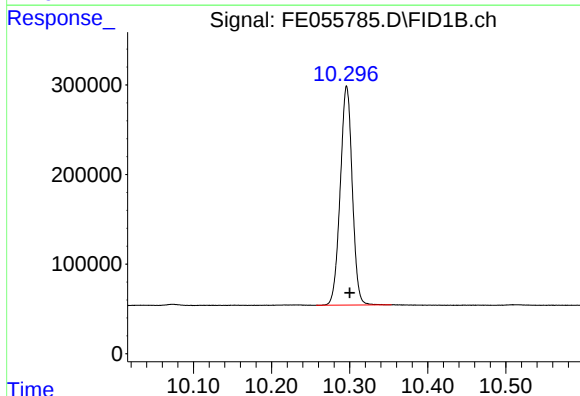
R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 2570733
Conc: 18.28 ug/ml

Instrument :
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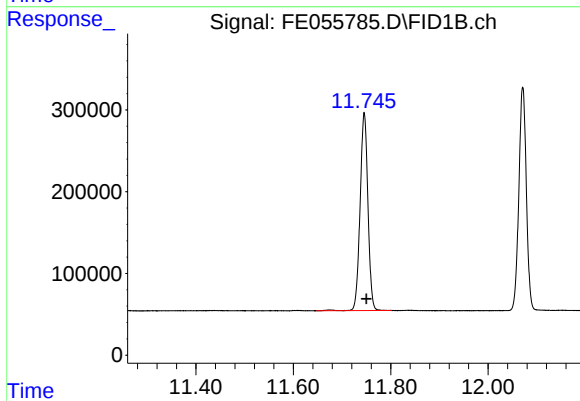
#6 n-Tetradecane (C14)

R.T.: 8.681 min
Delta R.T.: -0.004 min
Response: 2478414
Conc: 18.82 ug/ml



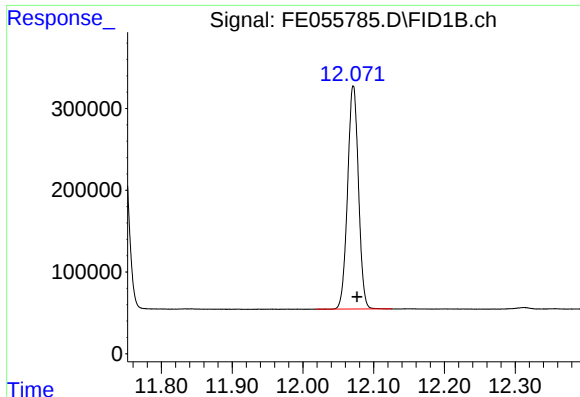
#7 n-Hexadecane (C16)

R.T.: 10.296 min
Delta R.T.: -0.004 min
Response: 2615710
Conc: 18.89 ug/ml



#8 n-Octadecane (C18)

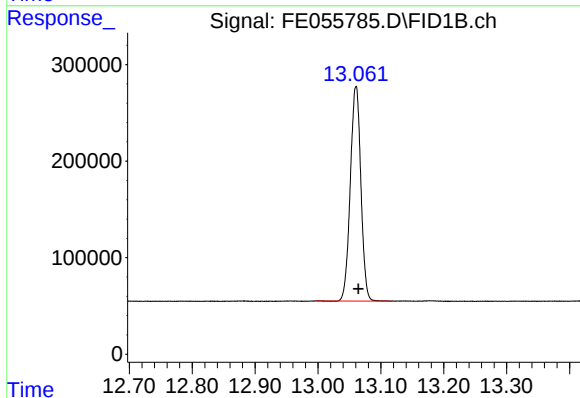
R.T.: 11.746 min
Delta R.T.: -0.005 min
Response: 2700830
Conc: 18.52 ug/ml



#9 ortho-Terphenyl (SURR)

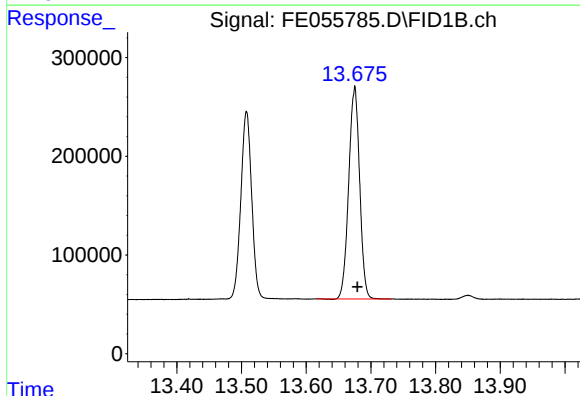
R.T.: 12.071 min
Delta R.T.: -0.005 min
Response: 2923702
Conc: 17.80 ug/ml

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FID_E
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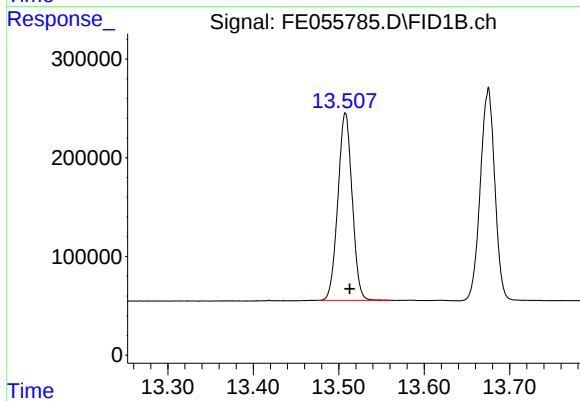
#10 n-Eicosane (C20)

R.T.: 13.060 min
Delta R.T.: -0.004 min
Response: 2594417
Conc: 18.02 ug/ml



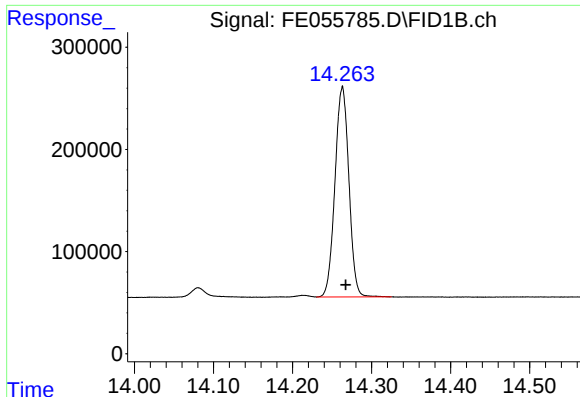
#11 n-Heneicosane (C21)

R.T.: 13.675 min
Delta R.T.: -0.004 min
Response: 2525672
Conc: 17.68 ug/ml



#12 1-chlorooctadecane (SURR)

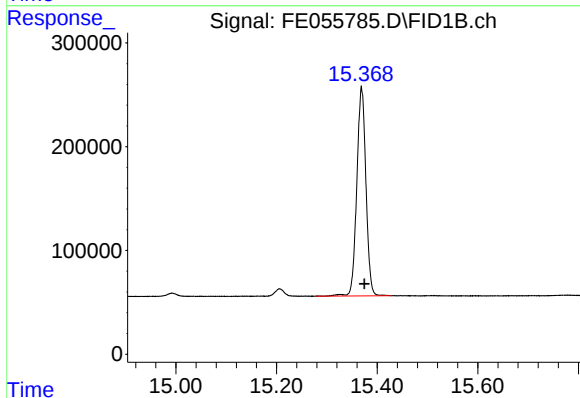
R.T.: 13.508 min
Delta R.T.: -0.005 min
Response: 2203533
Conc: 17.62 ug/ml



#13 n-Docosane (C22)

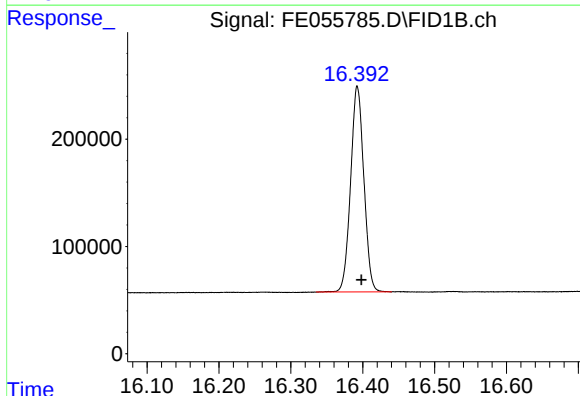
R.T.: 14.263 min
Delta R.T.: -0.004 min
Response: 2519950
Conc: 17.60 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



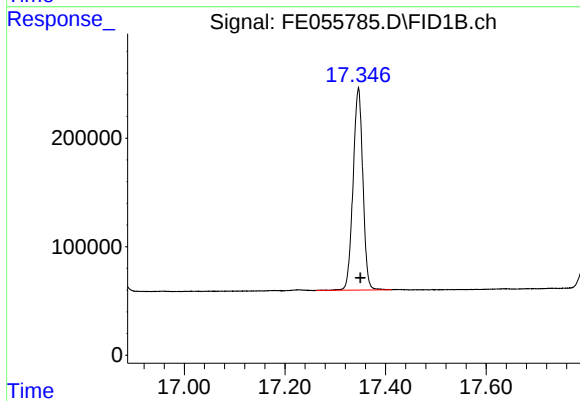
#14 n-Tetracosane (C24)

R.T.: 15.369 min
Delta R.T.: -0.005 min
Response: 2533236
Conc: 17.51 ug/ml



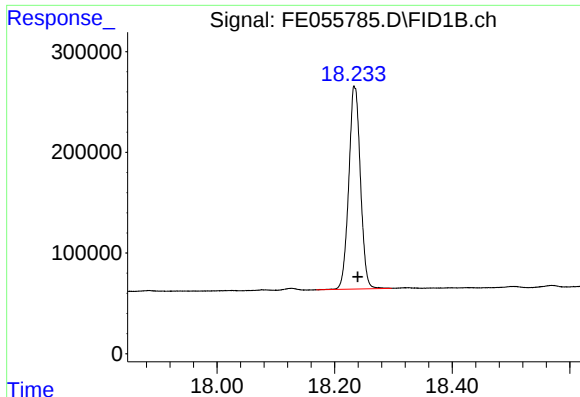
#15 n-Hexacosane (C26)

R.T.: 16.393 min
Delta R.T.: -0.006 min
Response: 2450590
Conc: 17.15 ug/ml



#16 n-Octacosane (C28)

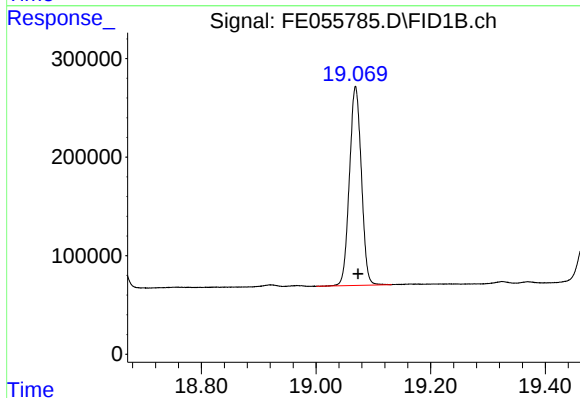
R.T.: 17.346 min
Delta R.T.: -0.004 min
Response: 2512073
Conc: 17.66 ug/ml



#17 n-Tricontane (C30)

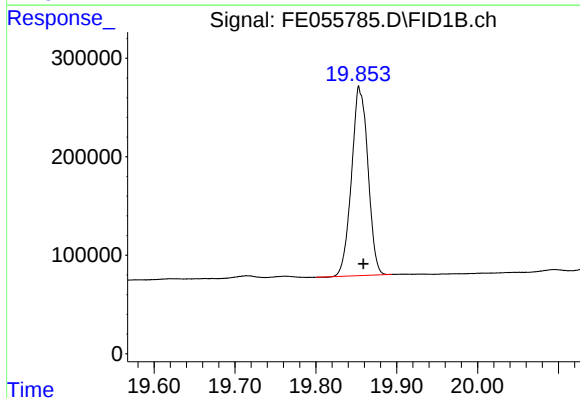
R.T.: 18.234 min
Delta R.T.: -0.005 min
Response: 2769385
Conc: 18.73 ug/ml

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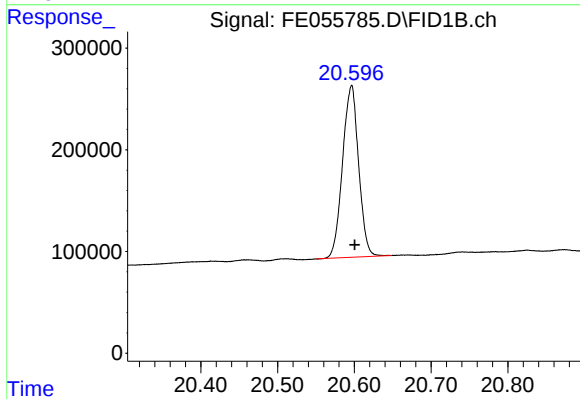
#18 n-Dotriacontane (C32)

R.T.: 19.069 min
Delta R.T.: -0.005 min
Response: 2912141
Conc: 19.84 ug/ml



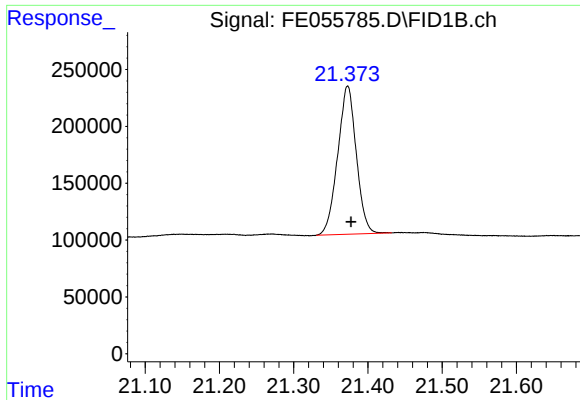
#19 n-Tetratriacontane (C34)

R.T.: 19.854 min
Delta R.T.: -0.005 min
Response: 2701357
Conc: 19.12 ug/ml



#20 n-Hexatriacontane (C36)

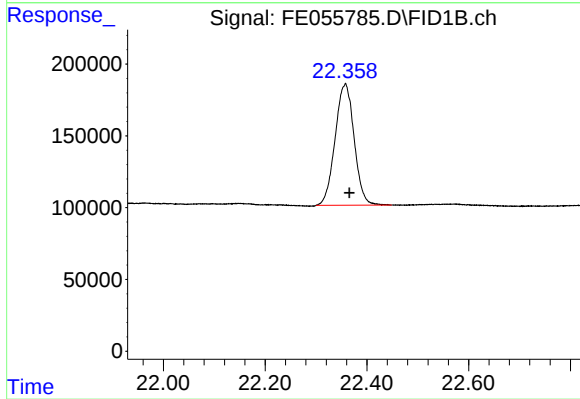
R.T.: 20.596 min
Delta R.T.: -0.005 min
Response: 2454266
Conc: 18.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.373 min
Delta R.T.: -0.005 min
Response: 2268019
Conc: 17.41 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.357 min
Delta R.T.: -0.009 min
Response: 2192994
Conc: 17.10 ug/ml