

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
 Data File : FE055166.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2025 08:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 08 01:01:26 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)	12.086	2652811	18.577 ug/ml
Spiked Amount 50.000		Recovery =	37.15%
12) S 1-chlorooctadecane (S...	13.522	2017953	18.767 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
Target Compounds			
1) T n-Nonane (C9)	3.424	2102169	18.316 ug/ml
2) T n-Decane (C10)	4.682	2192199	18.818 ug/ml
3) T A~Naphthalene (C11.7)	6.402	2496692	18.600 ug/ml
4) T n-Dodecane (C12)	6.857	2241614	18.824 ug/ml
5) T A~2-methylnaphthalene...	7.502	2435482	18.679 ug/ml
6) T n-Tetradecane (C14)	8.694	2283455	18.624 ug/ml
7) T n-Hexadecane (C16)	10.309	2388789	18.685 ug/ml
8) T n-Octadecane (C18)	11.759	2435659	18.668 ug/ml
10) T n-Eicosane (C20)	13.074	2356281	18.779 ug/ml
11) T n-Heneicosane (C21)	13.687	2299259	18.653 ug/ml
13) T n-Docosane (C22)	14.276	2345411	19.206 ug/ml
14) T n-Tetracosane (C24)	15.383	2455708	20.189 ug/ml
15) T n-Hexacosane (C26)	16.406	2500135	20.896 ug/ml
16) T n-Octacosane (C28)	17.358	2538320	21.398 ug/ml
17) T n-Tricontane (C30)	18.248	2705858	21.990 ug/ml
18) T n-Dotriacontane (C32)	19.083	2707791	22.193 ug/ml
19) T n-Tetratriacontane (C34)	19.868	2445877	20.919 ug/ml
20) T n-Hexatriacontane (C36)	20.609	2228385	20.388 ug/ml
21) T n-Octatriacontane (C38)	21.389	2166955	20.051 ug/ml
22) T n-Tetracontane (C40)	22.380	2002404	19.148 ug/ml

(f)=RT Delta > 1/2 Window

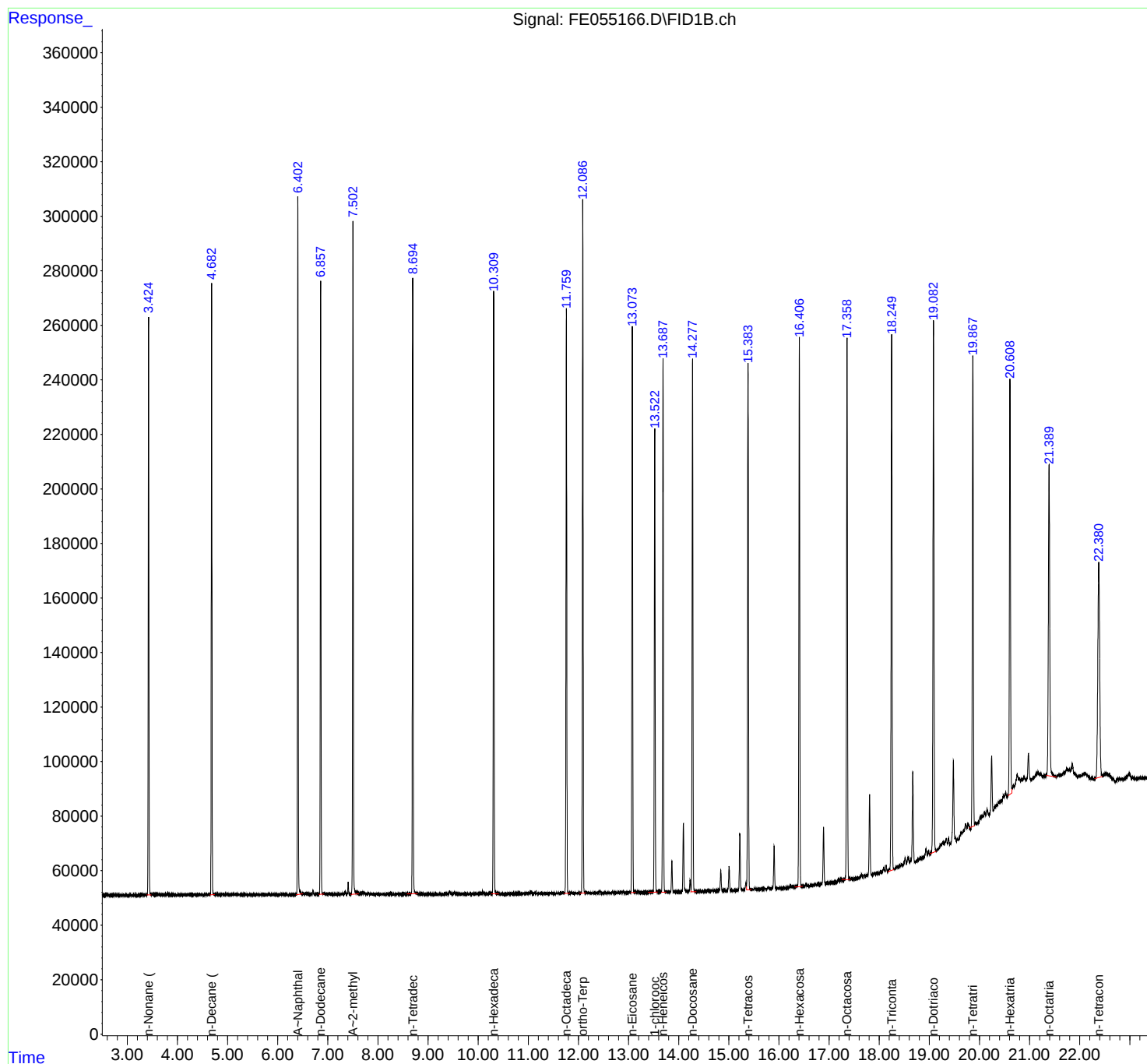
(m)=manual int.

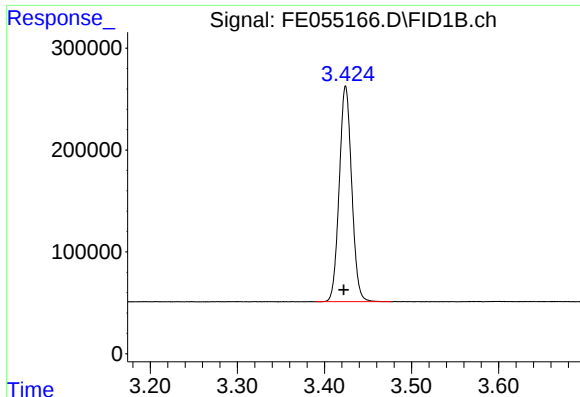
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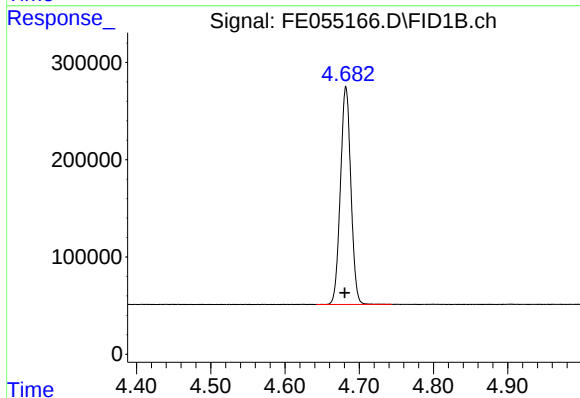




#1 n-Nonane (C9)

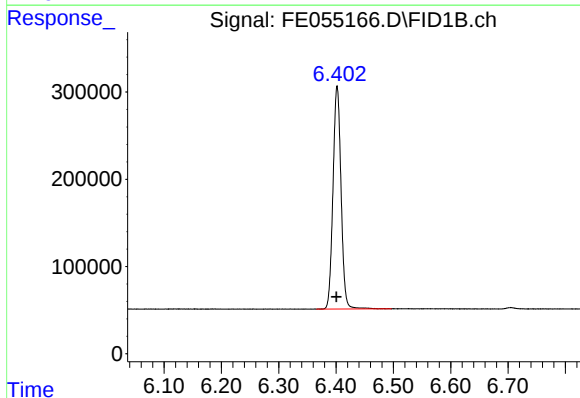
R.T.: 3.424 min
Delta R.T.: 0.002 min
Response: 2102169
Conc: 18.32 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



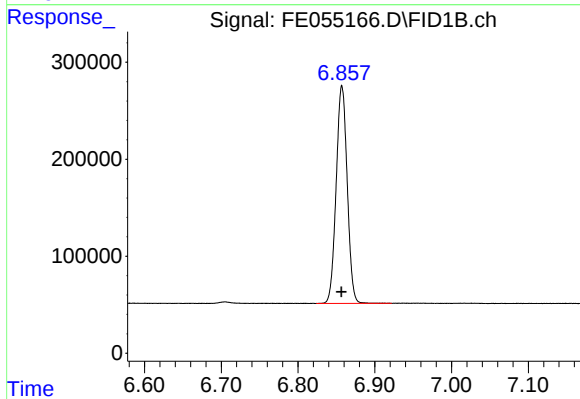
#2 n-Decane (C10)

R.T.: 4.682 min
Delta R.T.: 0.002 min
Response: 2192199
Conc: 18.82 ug/ml



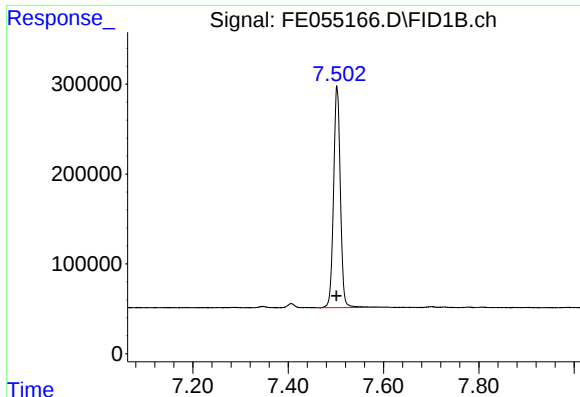
#3 A~Naphthalene (C11.7)

R.T.: 6.402 min
Delta R.T.: 0.001 min
Response: 2496692
Conc: 18.60 ug/ml



#4 n-Dodecane (C12)

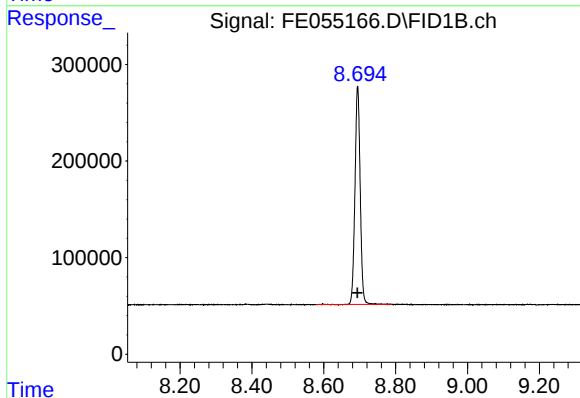
R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 2241614
Conc: 18.82 ug/ml



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

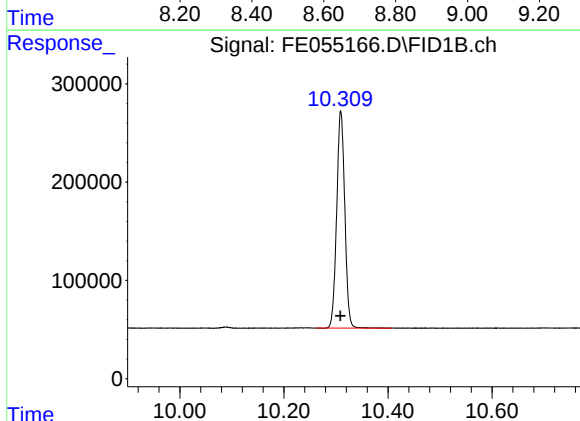
R.T.: 7.502 min
Delta R.T.: 0.001 min
Response: 2435482
Conc: 18.68 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



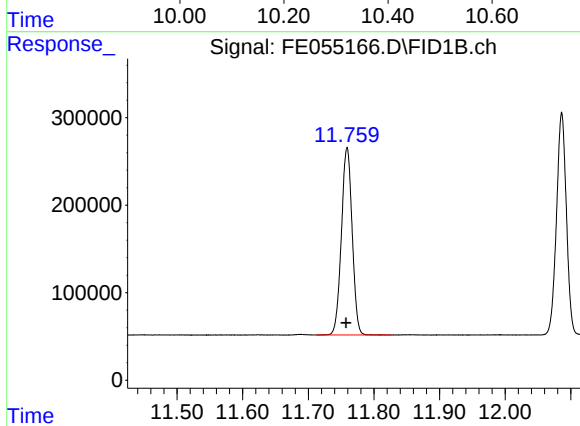
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 2283455
Conc: 18.62 ug/ml



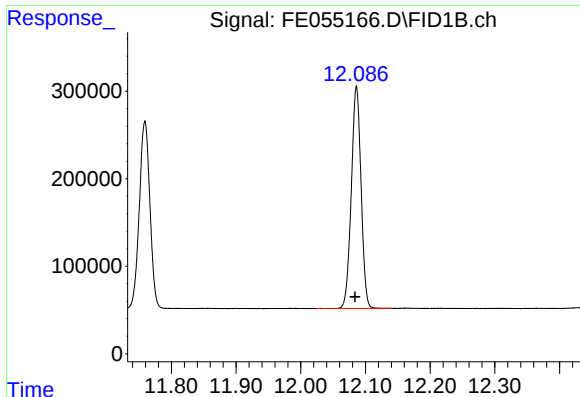
#7 n-Hexadecane (C16)

R.T.: 10.309 min
Delta R.T.: 0.001 min
Response: 2388789
Conc: 18.69 ug/ml



#8 n-Octadecane (C18)

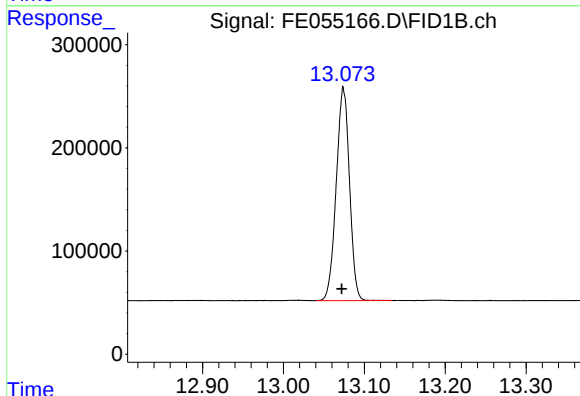
R.T.: 11.759 min
Delta R.T.: 0.001 min
Response: 2435659
Conc: 18.67 ug/ml



#9 ortho-Terphenyl (SURR)

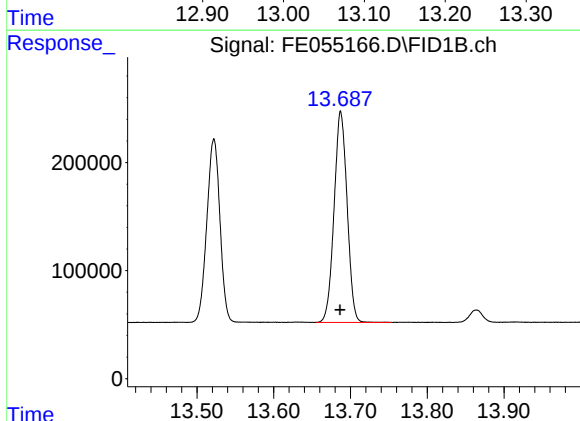
R.T.: 12.086 min
Delta R.T.: 0.002 min
Response: 2652811
Conc: 18.58 ug/ml

Instrument :
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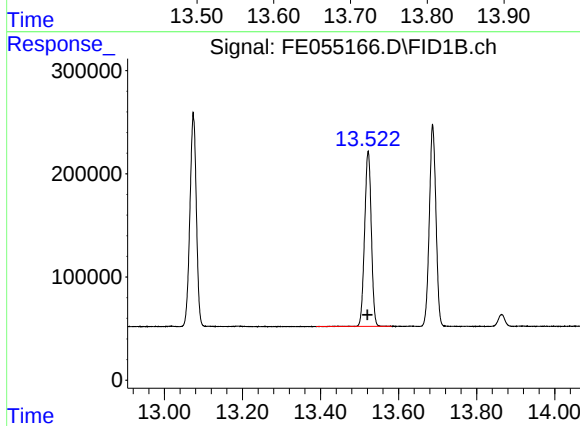
#10 n-Eicosane (C20)

R.T.: 13.074 min
Delta R.T.: 0.002 min
Response: 2356281
Conc: 18.78 ug/ml



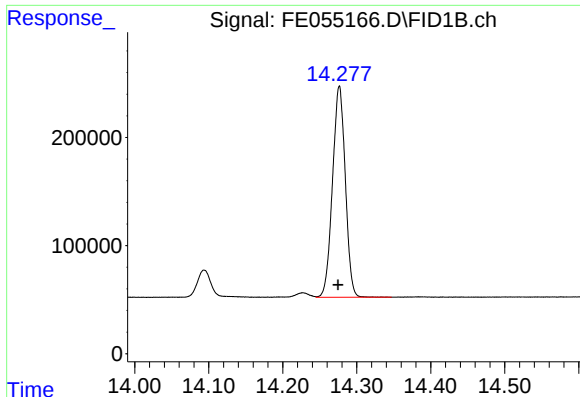
#11 n-Heneicosane (C21)

R.T.: 13.687 min
Delta R.T.: 0.001 min
Response: 2299259
Conc: 18.65 ug/ml



#12 1-chlorooctadecane (SURR)

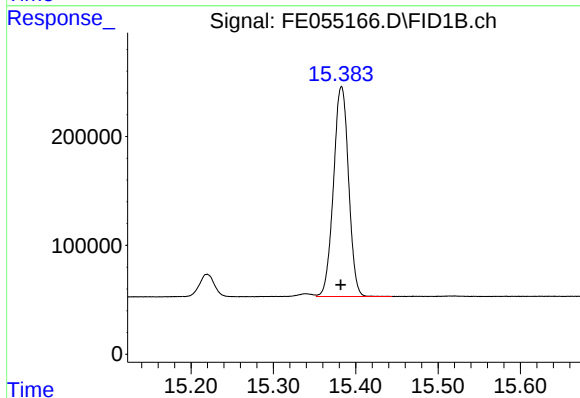
R.T.: 13.522 min
Delta R.T.: 0.002 min
Response: 2017953
Conc: 18.77 ug/ml



#13 n-Docosane (C22)

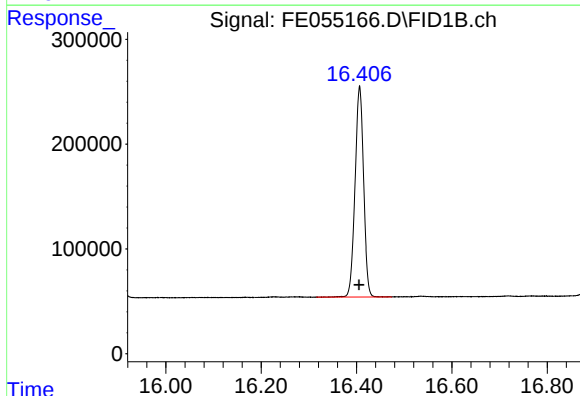
R.T.: 14.276 min
Delta R.T.: 0.002 min
Response: 2345411
Conc: 19.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



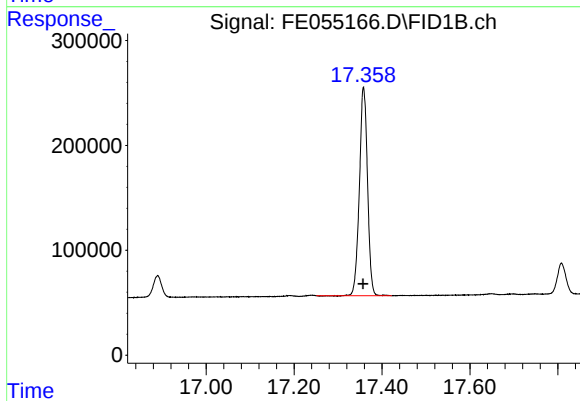
#14 n-Tetracosane (C24)

R.T.: 15.383 min
Delta R.T.: 0.001 min
Response: 2455708
Conc: 20.19 ug/ml



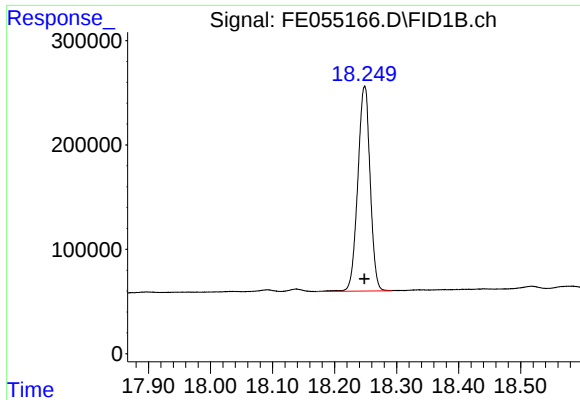
#15 n-Hexacosane (C26)

R.T.: 16.406 min
Delta R.T.: 0.001 min
Response: 2500135
Conc: 20.90 ug/ml



#16 n-Octacosane (C28)

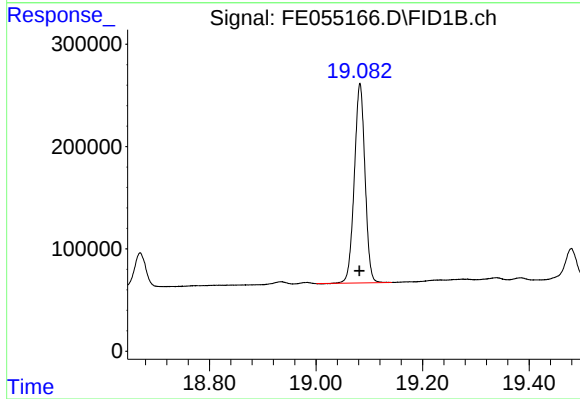
R.T.: 17.358 min
Delta R.T.: 0.001 min
Response: 2538320
Conc: 21.40 ug/ml



#17 n-Tricontane (C30)

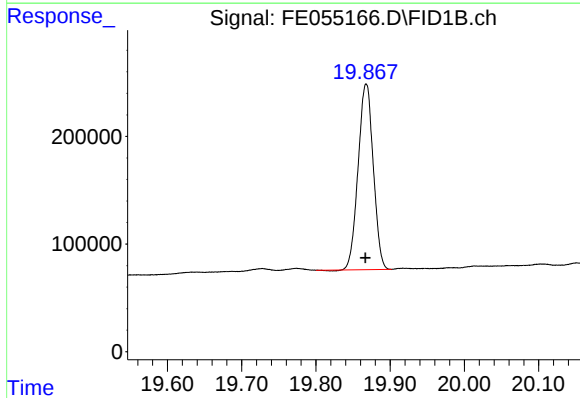
R.T.: 18.248 min
Delta R.T.: 0.000 min
Response: 2705858
Conc: 21.99 ug/ml

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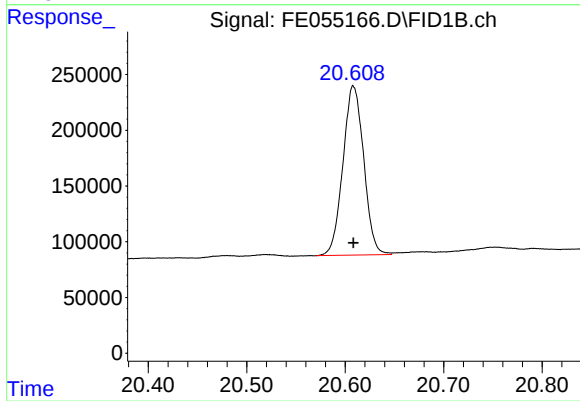
#18 n-Dotriacontane (C32)

R.T.: 19.083 min
Delta R.T.: 0.001 min
Response: 2707791
Conc: 22.19 ug/ml



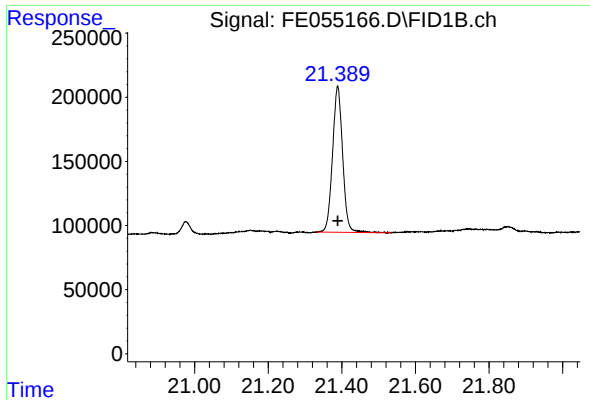
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.000 min
Response: 2445877
Conc: 20.92 ug/ml



#20 n-Hexatriacontane (C36)

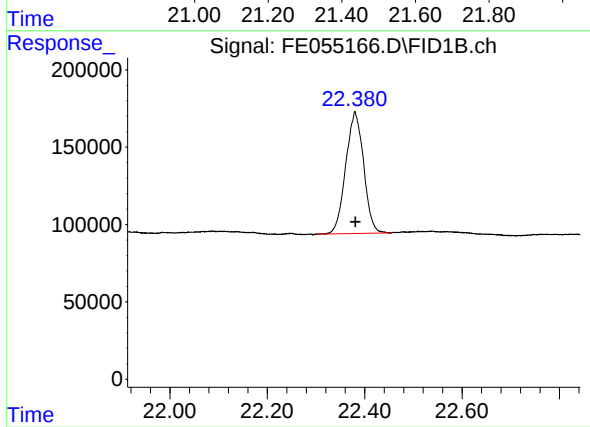
R.T.: 20.609 min
Delta R.T.: 0.000 min
Response: 2228385
Conc: 20.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.389 min
Delta R.T.: 0.000 min
Response: 2166955
Conc: 20.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.380 min
Delta R.T.: 0.000 min
Response: 2002404
Conc: 19.15 ug/ml