

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081825AL\
 Data File : FE055352.D
 Signal(s) : FID1B.ch
 Acq On : 18 Aug 2025 09:49
 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: Aug 18 14:25:36 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)	12.084	3264361	22.859 ug/ml
Spiked Amount 50.000		Recovery =	45.72%
12) S 1-chlorooctadecane (S...	13.520	2435156	22.648 ug/ml
Spiked Amount 50.000		Recovery =	45.30%
Target Compounds			
1) T n-Nonane (C9)	3.420	2622449	22.850 ug/ml
2) T n-Decane (C10)	4.678	2708836	23.253 ug/ml
3) T A~Naphthalene (C11.7)	6.397	3061693	22.809 ug/ml
4) T n-Dodecane (C12)	6.853	2768894	23.252 ug/ml
5) T A~2-methylnaphthalene...	7.499	2961315	22.712 ug/ml
6) T n-Tetradecane (C14)	8.690	2797521	22.816 ug/ml
7) T n-Hexadecane (C16)	10.307	2915908	22.808 ug/ml
8) T n-Octadecane (C18)	11.756	2985142	22.879 ug/ml
10) T n-Eicosane (C20)	13.071	2870644	22.879 ug/ml
11) T n-Heneicosane (C21)	13.686	2814318	22.831 ug/ml
13) T n-Docosane (C22)	14.274	2789759	22.844 ug/ml
14) T n-Tetracosane (C24)	15.381	2757586	22.671 ug/ml
15) T n-Hexacosane (C26)	16.405	2709735	22.648 ug/ml
16) T n-Octacosane (C28)	17.357	2701912	22.777 ug/ml
17) T n-Tricontane (C30)	18.247	2816520	22.890 ug/ml
18) T n-Dotriacontane (C32)	19.081	2841502	23.289 ug/ml
19) T n-Tetratriacontane (C34)	19.867	2740389	23.438 ug/ml
20) T n-Hexatriacontane (C36)	20.608	2502204	22.893 ug/ml
21) T n-Octatriacontane (C38)	21.388	2539856	23.502 ug/ml
22) T n-Tetracontane (C40)	22.378	2260454	21.616 ug/ml

(f)=RT Delta > 1/2 Window

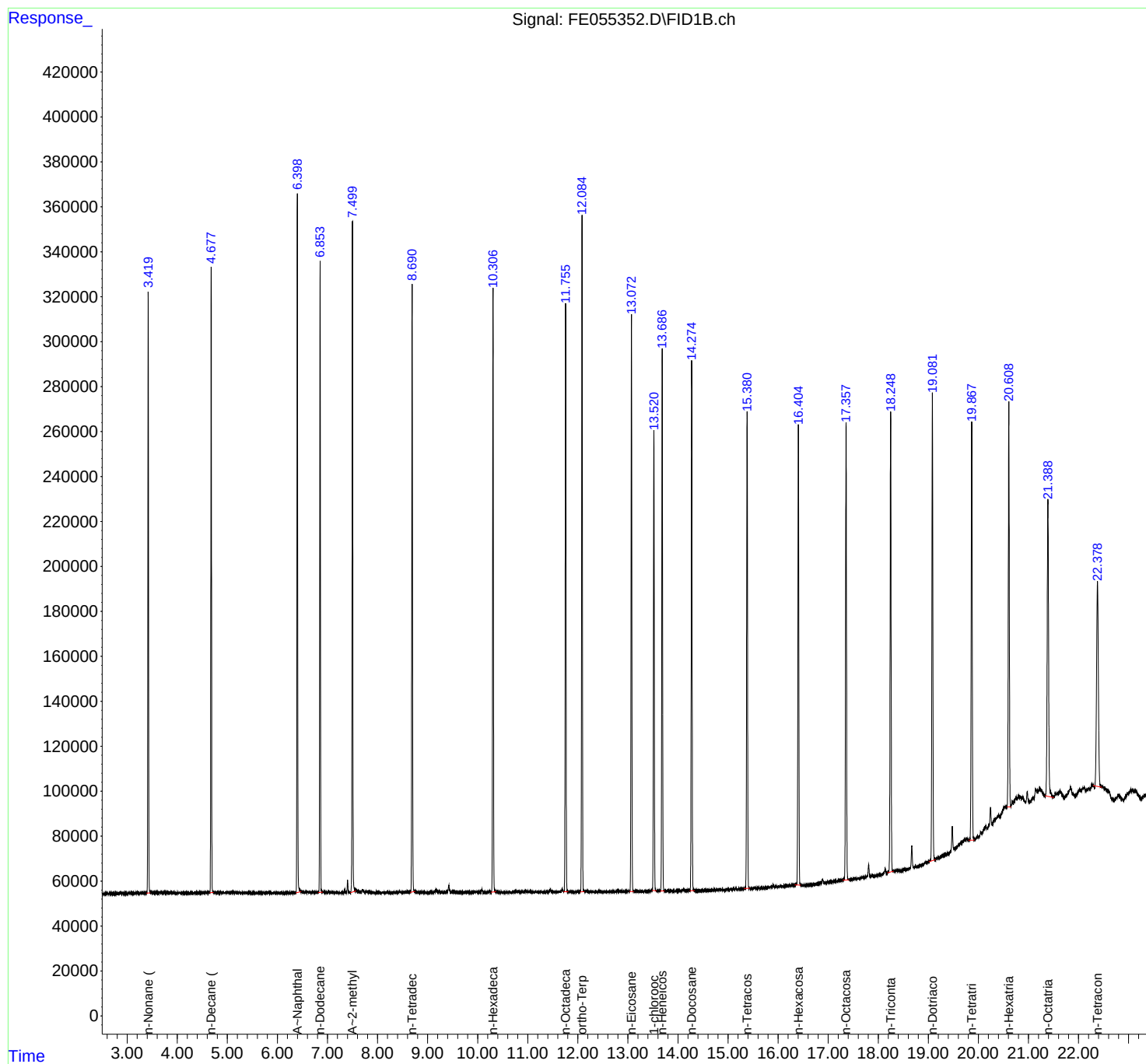
(m)=manual int.

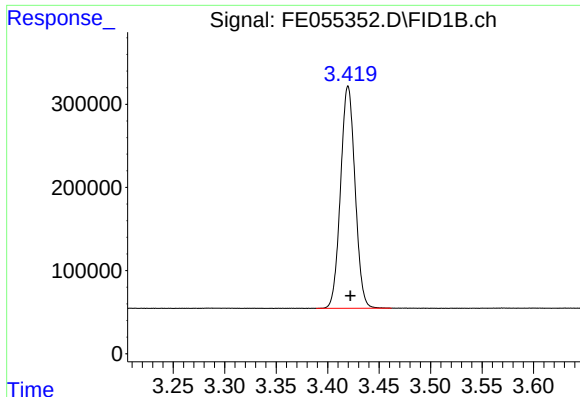
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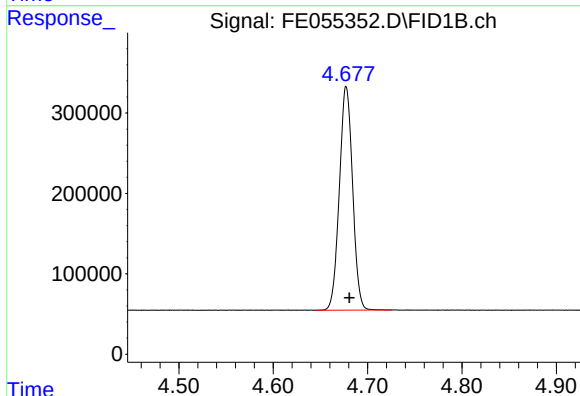




#1 n-Nonane (C9)

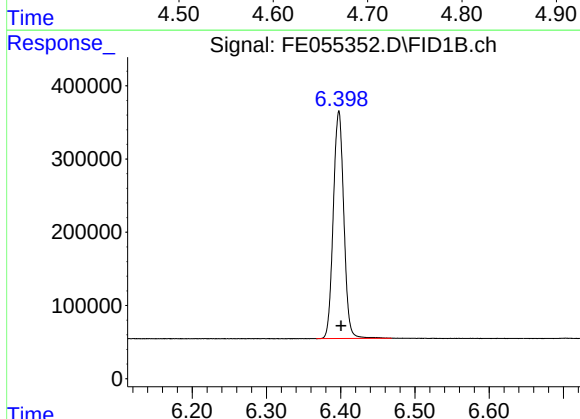
R.T.: 3.420 min
Delta R.T.: -0.002 min
Response: 2622449
Conc: 22.85 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



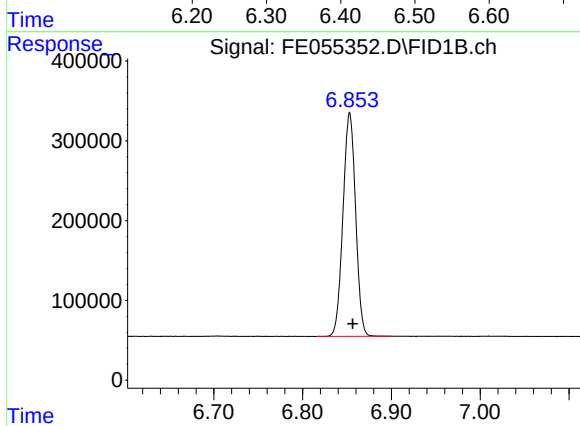
#2 n-Decane (C10)

R.T.: 4.678 min
Delta R.T.: -0.003 min
Response: 2708836
Conc: 23.25 ug/ml



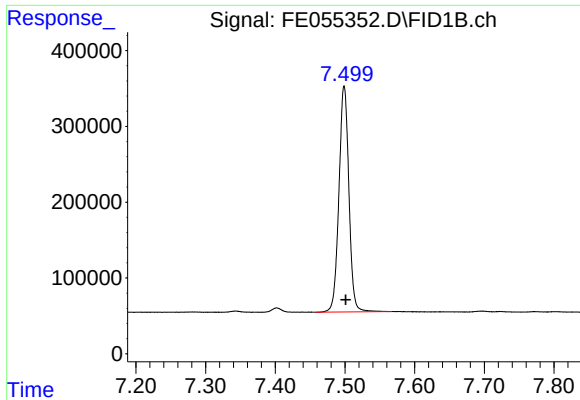
#3 A~Naphthalene (C11.7)

R.T.: 6.397 min
Delta R.T.: -0.003 min
Response: 3061693
Conc: 22.81 ug/ml



#4 n-Dodecane (C12)

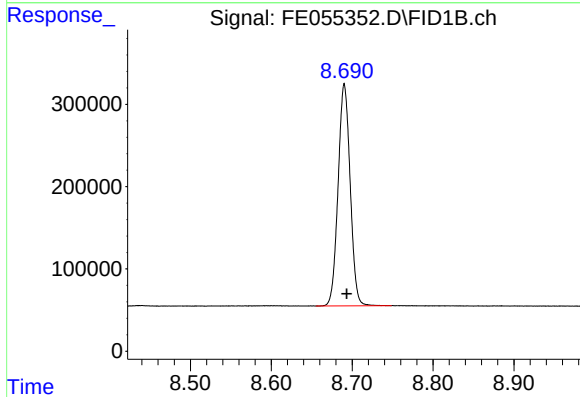
R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 2768894
Conc: 23.25 ug/ml



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

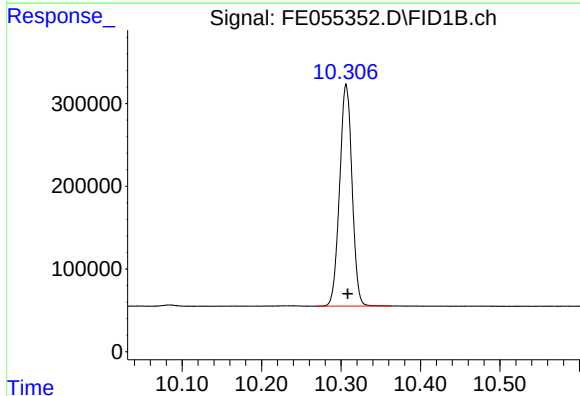
R.T.: 7.499 min
Delta R.T.: -0.002 min
Response: 2961315
Conc: 22.71 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



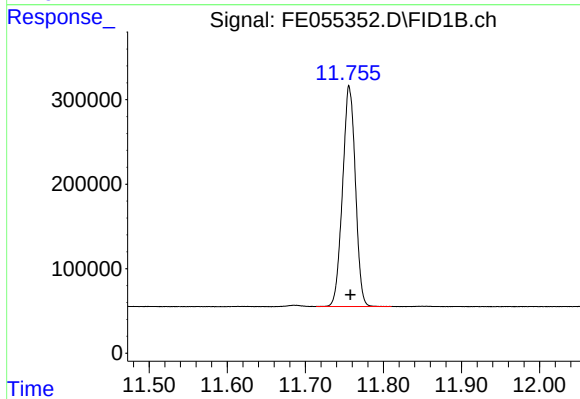
#6 n-Tetradecane (C14)

R.T.: 8.690 min
Delta R.T.: -0.003 min
Response: 2797521
Conc: 22.82 ug/ml



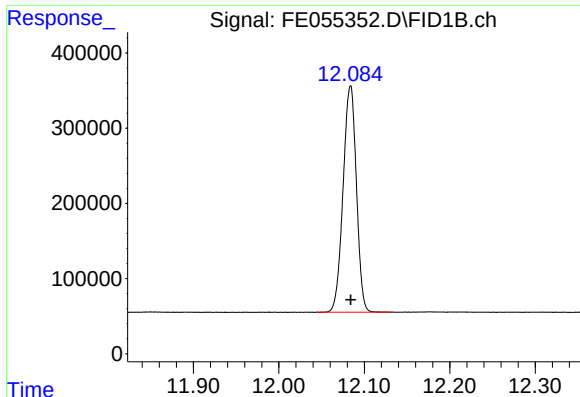
#7 n-Hexadecane (C16)

R.T.: 10.307 min
Delta R.T.: -0.002 min
Response: 2915908
Conc: 22.81 ug/ml



#8 n-Octadecane (C18)

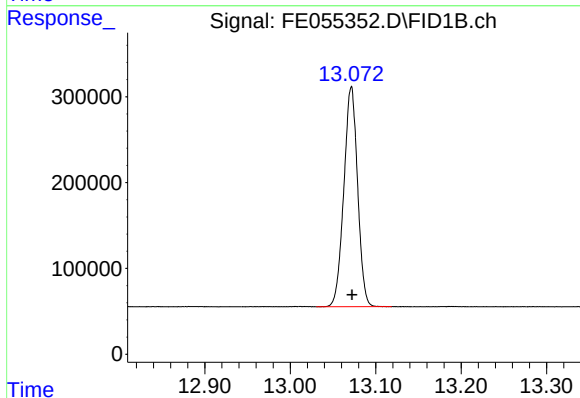
R.T.: 11.756 min
Delta R.T.: -0.001 min
Response: 2985142
Conc: 22.88 ug/ml



#9 ortho-Terphenyl (SURR)

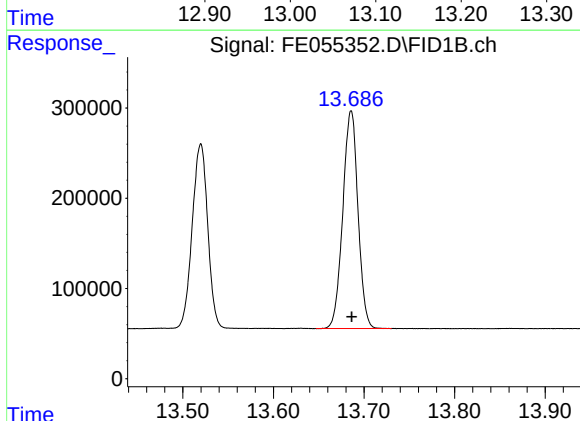
R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 3264361
Conc: 22.86 ug/ml

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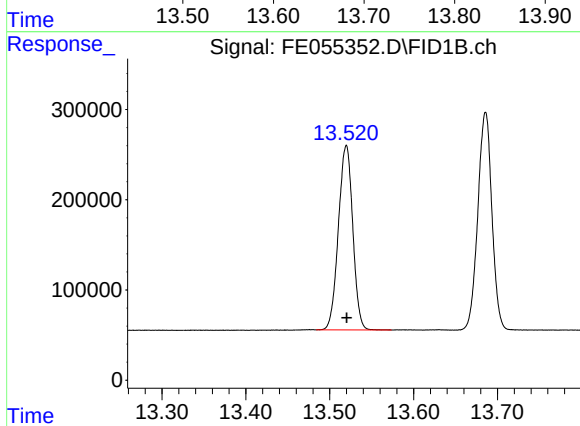
#10 n-Eicosane (C20)

R.T.: 13.071 min
Delta R.T.: 0.000 min
Response: 2870644
Conc: 22.88 ug/ml



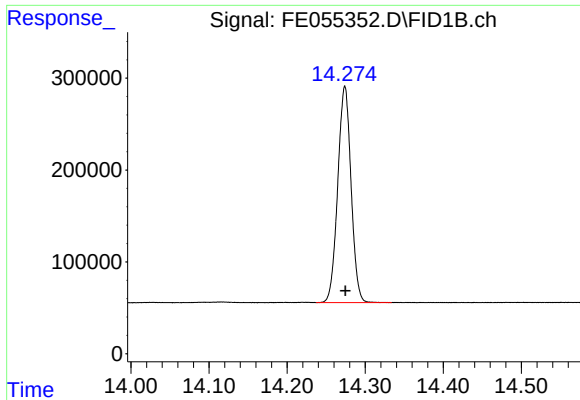
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 2814318
Conc: 22.83 ug/ml



#12 1-chlorooctadecane (SURR)

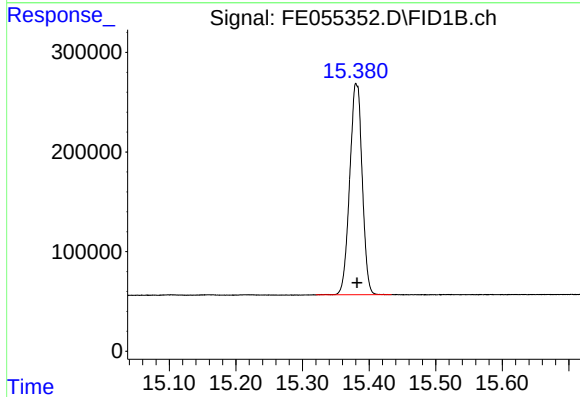
R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 2435156
Conc: 22.65 ug/ml



#13 n-Docosane (C22)

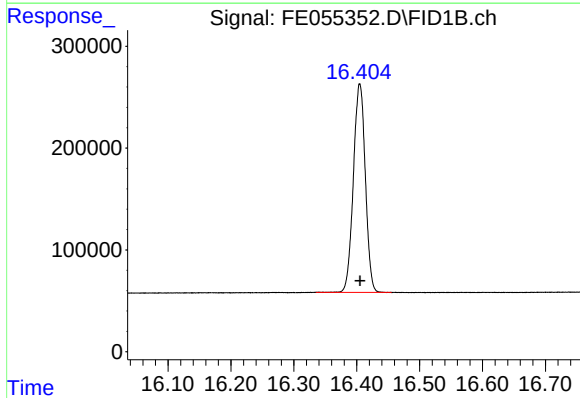
R.T.: 14.274 min
Delta R.T.: -0.001 min
Response: 2789759
Conc: 22.84 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



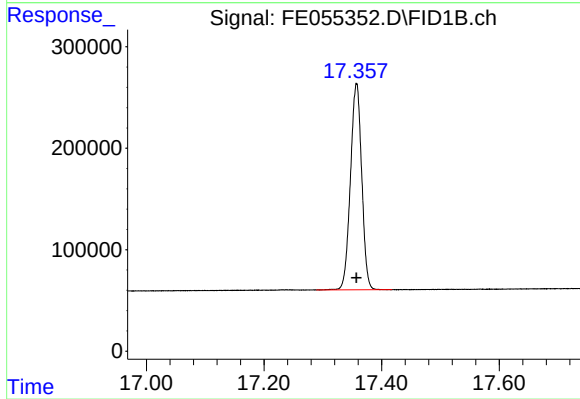
#14 n-Tetracosane (C24)

R.T.: 15.381 min
Delta R.T.: 0.000 min
Response: 2757586
Conc: 22.67 ug/ml



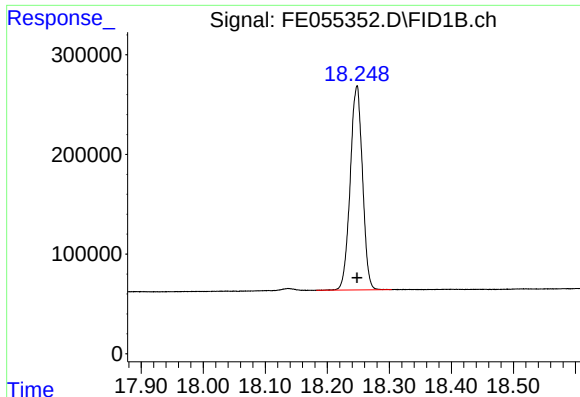
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.000 min
Response: 2709735
Conc: 22.65 ug/ml



#16 n-Octacosane (C28)

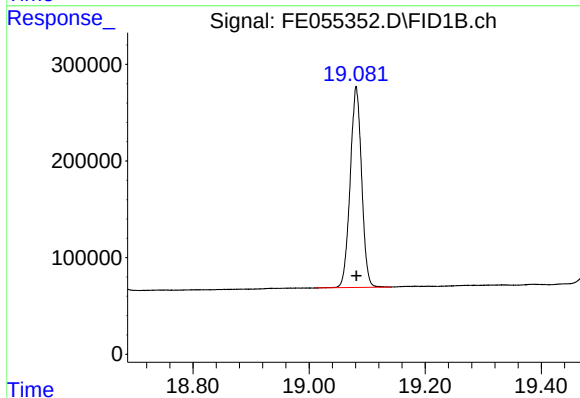
R.T.: 17.357 min
Delta R.T.: 0.000 min
Response: 2701912
Conc: 22.78 ug/ml



#17 n-Tricontane (C30)

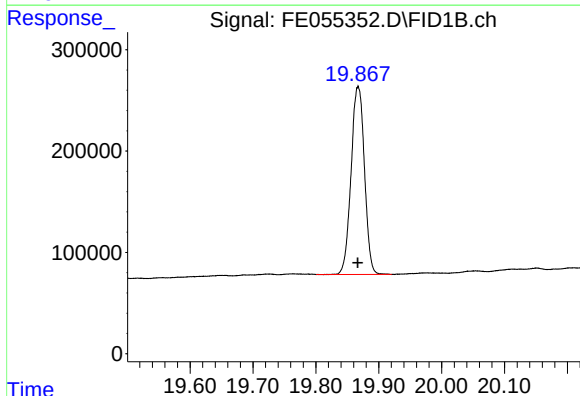
R.T.: 18.247 min
Delta R.T.: 0.000 min
Response: 2816520
Conc: 22.89 ug/ml

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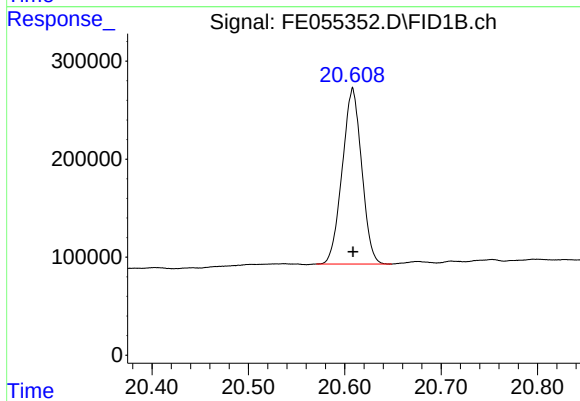
#18 n-Dotriacontane (C32)

R.T.: 19.081 min
Delta R.T.: 0.000 min
Response: 2841502
Conc: 23.29 ug/ml



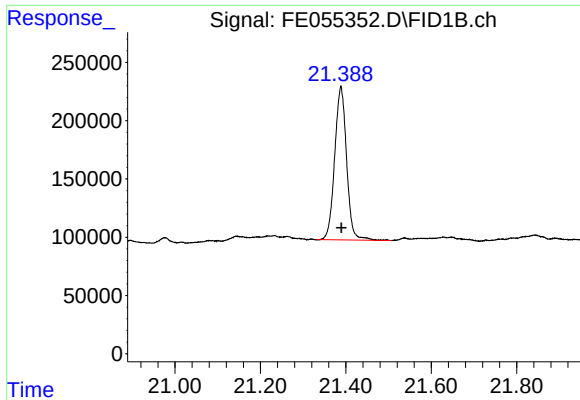
#19 n-Tetratriacontane (C34)

R.T.: 19.867 min
Delta R.T.: 0.000 min
Response: 2740389
Conc: 23.44 ug/ml



#20 n-Hexatriacontane (C36)

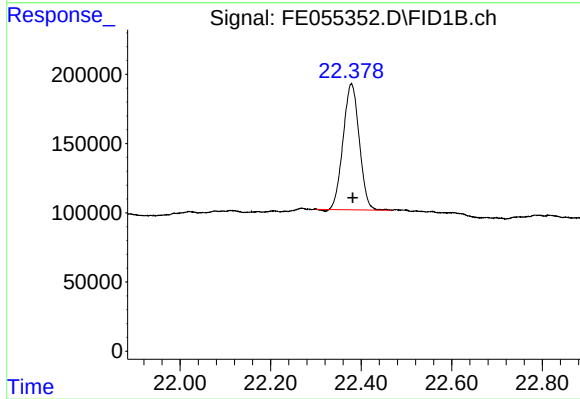
R.T.: 20.608 min
Delta R.T.: 0.000 min
Response: 2502204
Conc: 22.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.388 min
Delta R.T.: -0.001 min
Response: 2539856
Conc: 23.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.378 min
Delta R.T.: -0.003 min
Response: 2260454
Conc: 21.62 ug/ml