

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100125AL\
 Data File : FE056133.D
 Signal(s) : FID1B.ch
 Acq On : 01 Oct 2025 17:05
 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: Oct 03 02:36:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.069	3599982	19.184 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
12) S 1-chlorooctadecane (S...	13.505	2723955	19.517 ug/ml
Spiked Amount 50.000		Recovery =	39.03%
Target Compounds			
1) T n-Nonane (C9)	3.411	2175457	15.880 ug/ml
2) T n-Decane (C10)	4.670	2276846	16.314 ug/ml
3) T A~Naphthalene (C11.7)	6.388	2847225	17.833 ug/ml
4) T n-Dodecane (C12)	6.844	2484921	17.313 ug/ml
5) T A~2-methylnaphthalene...	7.489	2866303	18.431 ug/ml
6) T n-Tetradecane (C14)	8.679	2720062	18.398 ug/ml
7) T n-Hexadecane (C16)	10.293	3056578	19.235 ug/ml
8) T n-Octadecane (C18)	11.743	3298046	19.471 ug/ml
10) T n-Eicosane (C20)	13.057	3221128	19.432 ug/ml
11) T n-Heneicosane (C21)	13.671	3120680	19.205 ug/ml
13) T n-Docosane (C22)	14.259	3038893	19.018 ug/ml
14) T n-Tetracosane (C24)	15.366	2883419	18.922 ug/ml
15) T n-Hexacosane (C26)	16.390	2688156	18.847 ug/ml
16) T n-Octacosane (C28)	17.342	2626411	18.854 ug/ml
17) T n-Tricontane (C30)	18.231	2749376	18.554 ug/ml
18) T n-Dotriacontane (C32)	19.064	2835721	19.006 ug/ml
19) T n-Tetratriacontane (C34)	19.849	2727349	19.281 ug/ml
20) T n-Hexatriacontane (C36)	20.590	2505327	19.516 ug/ml
21) T n-Octatriacontane (C38)	21.364	2379411	18.116 ug/ml
22) T n-Tetracontane (C40)	22.347	2219714	18.658 ug/ml

(f)=RT Delta > 1/2 Window

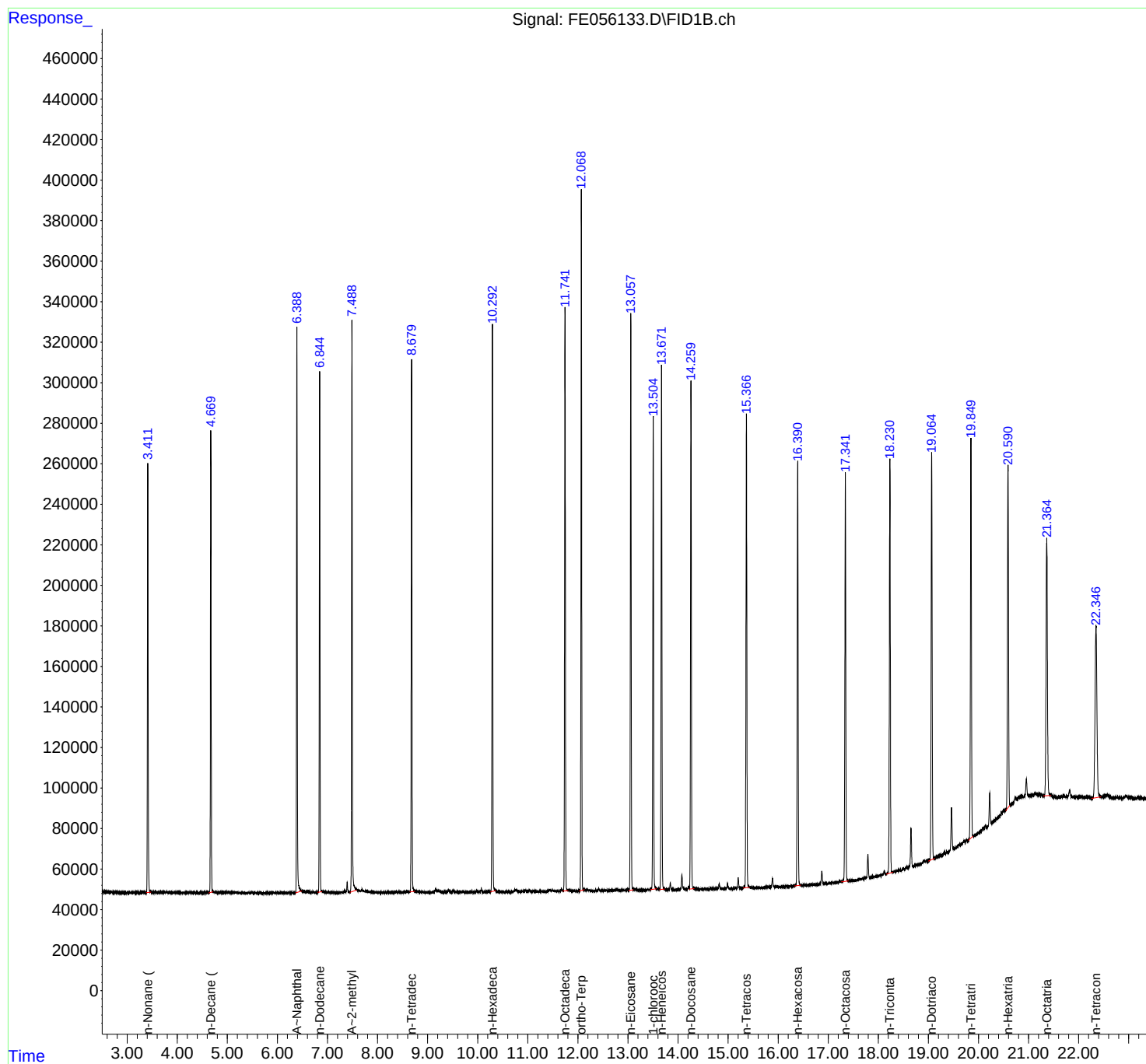
(m)=manual int.

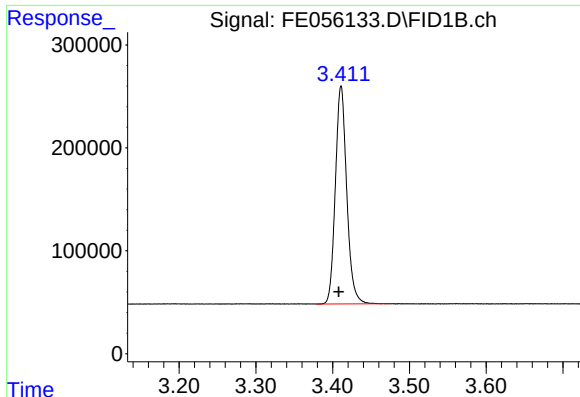
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100125AL\
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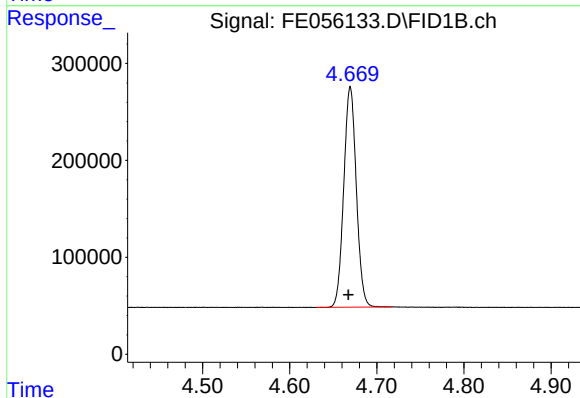




#1 n-Nonane (C9)

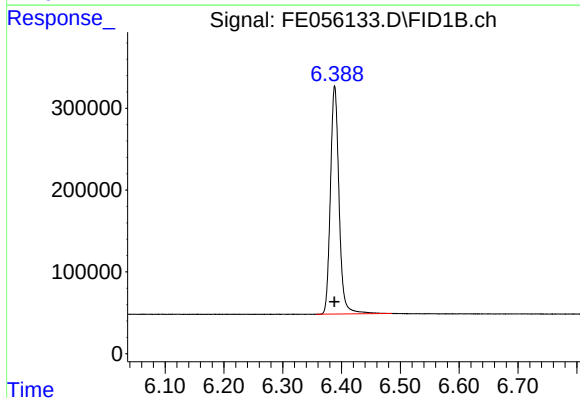
R.T.: 3.411 min
Delta R.T.: 0.003 min
Response: 2175457
Conc: 15.88 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



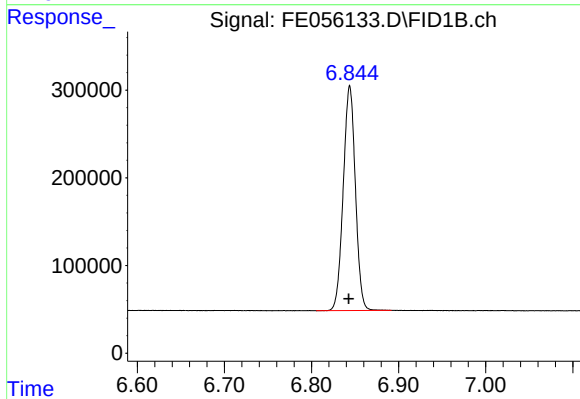
#2 n-Decane (C10)

R.T.: 4.670 min
Delta R.T.: 0.002 min
Response: 2276846
Conc: 16.31 ug/ml



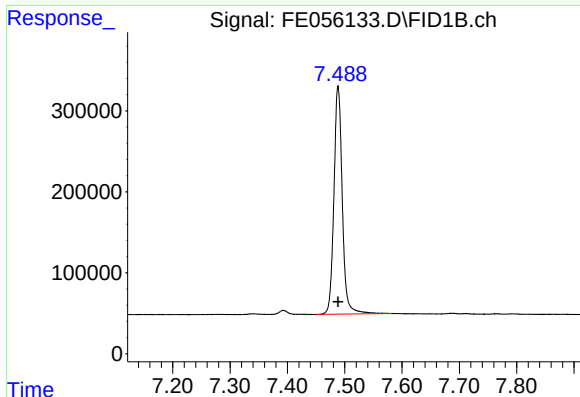
#3 A~Naphthalene (C11.7)

R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 2847225
Conc: 17.83 ug/ml



#4 n-Dodecane (C12)

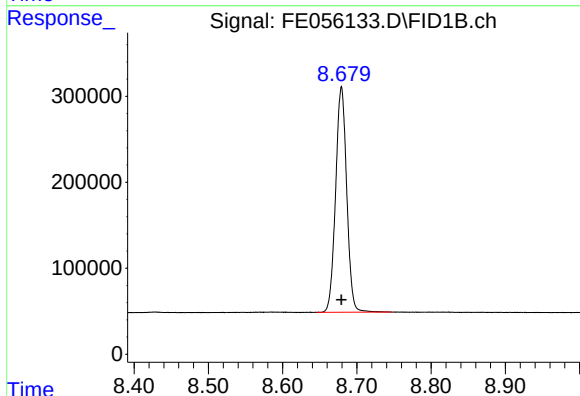
R.T.: 6.844 min
Delta R.T.: 0.001 min
Response: 2484921
Conc: 17.31 ug/ml



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

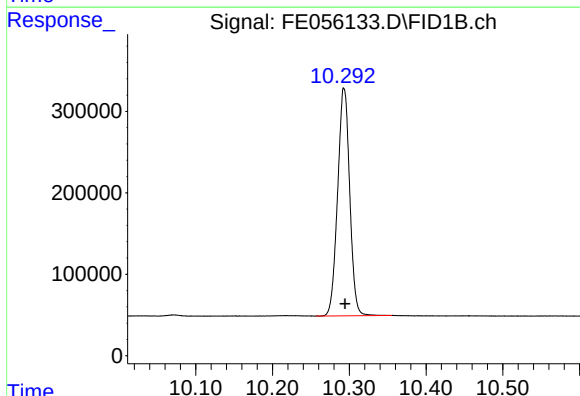
R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 2866303
Conc: 18.43 ug/ml

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20 PPM ALIPHATIC HC STD



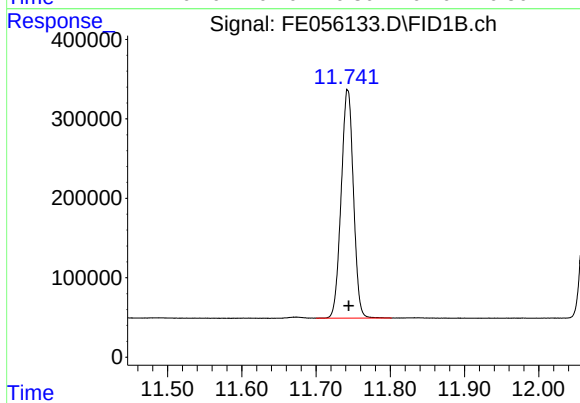
#6 n-Tetradecane (C14)

R.T.: 8.679 min
Delta R.T.: 0.000 min
Response: 2720062
Conc: 18.40 ug/ml



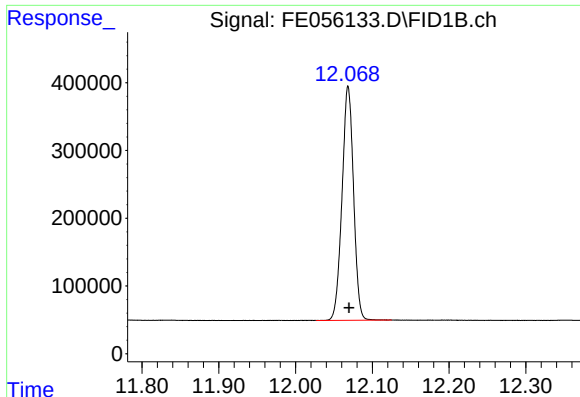
#7 n-Hexadecane (C16)

R.T.: 10.293 min
Delta R.T.: -0.001 min
Response: 3056578
Conc: 19.23 ug/ml



#8 n-Octadecane (C18)

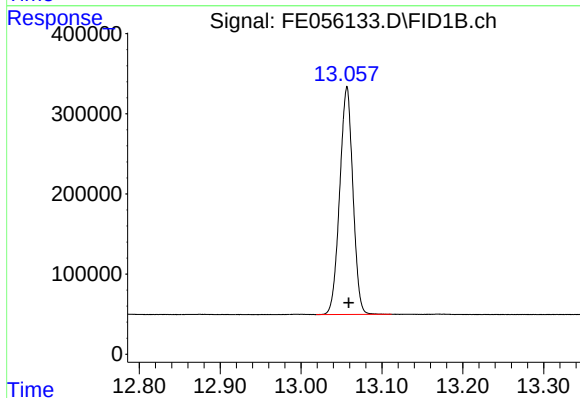
R.T.: 11.743 min
Delta R.T.: -0.001 min
Response: 3298046
Conc: 19.47 ug/ml



#9 ortho-Terphenyl (SURR)

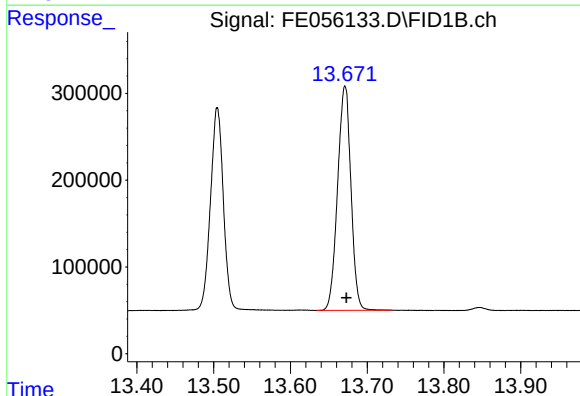
R.T.: 12.069 min
Delta R.T.: -0.001 min
Response: 3599982
Conc: 19.18 ug/ml

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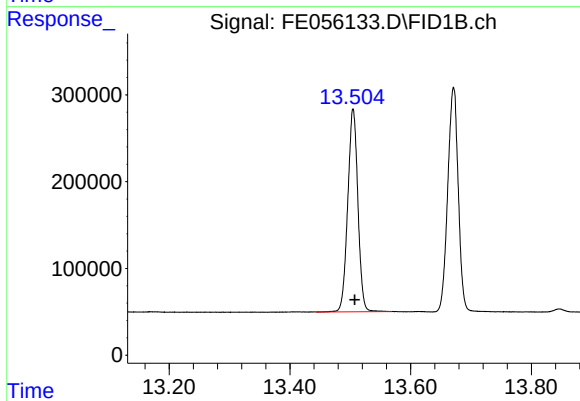
#10 n-Eicosane (C20)

R.T.: 13.057 min
Delta R.T.: -0.002 min
Response: 3221128
Conc: 19.43 ug/ml



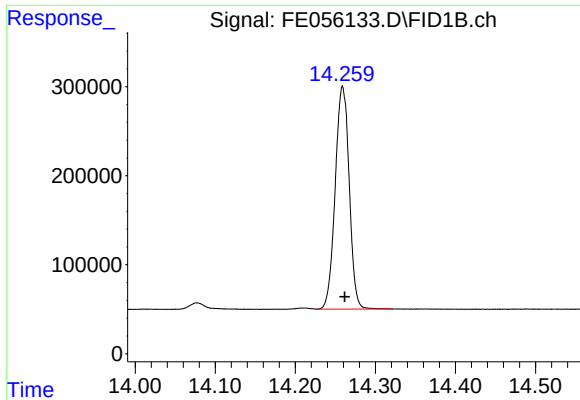
#11 n-Heneicosane (C21)

R.T.: 13.671 min
Delta R.T.: -0.002 min
Response: 3120680
Conc: 19.21 ug/ml



#12 1-chlorooctadecane (SURR)

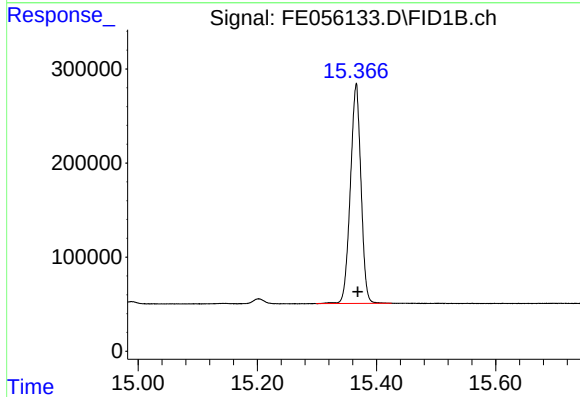
R.T.: 13.505 min
Delta R.T.: -0.003 min
Response: 2723955
Conc: 19.52 ug/ml



#13 n-Docosane (C22)

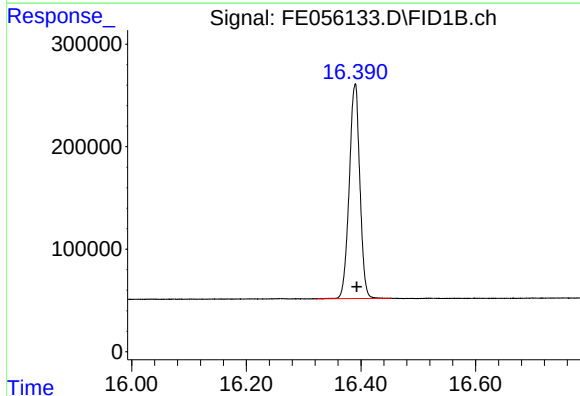
R.T.: 14.259 min
Delta R.T.: -0.002 min
Response: 3038893
Conc: 19.02 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



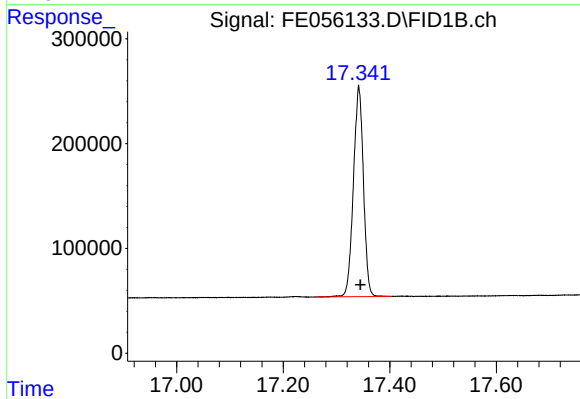
#14 n-Tetracosane (C24)

R.T.: 15.366 min
Delta R.T.: -0.003 min
Response: 2883419
Conc: 18.92 ug/ml



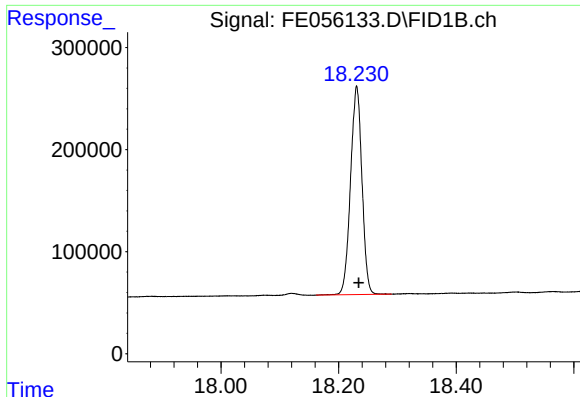
#15 n-Hexacosane (C26)

R.T.: 16.390 min
Delta R.T.: -0.003 min
Response: 2688156
Conc: 18.85 ug/ml



#16 n-Octacosane (C28)

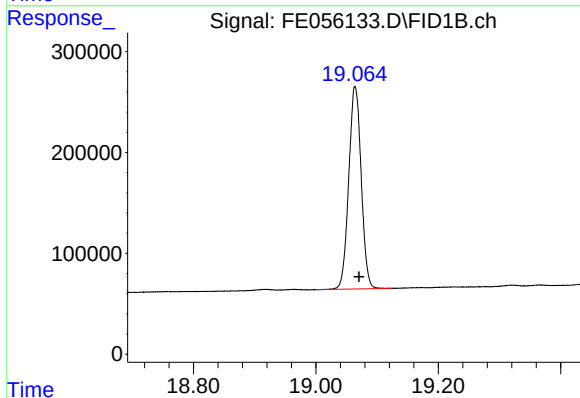
R.T.: 17.342 min
Delta R.T.: -0.003 min
Response: 2626411
Conc: 18.85 ug/ml



#17 n-Tricontane (C30)

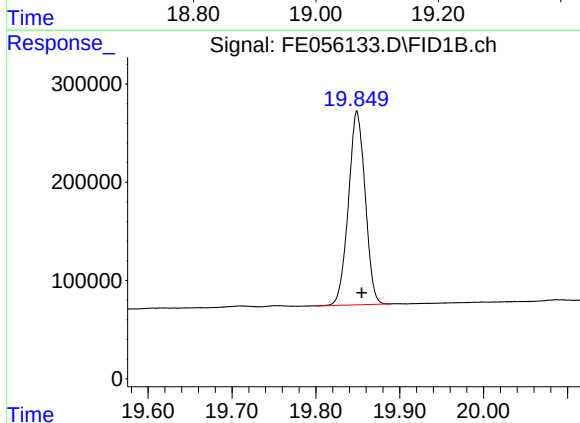
R.T.: 18.231 min
Delta R.T.: -0.004 min
Response: 2749376
Conc: 18.55 ug/ml

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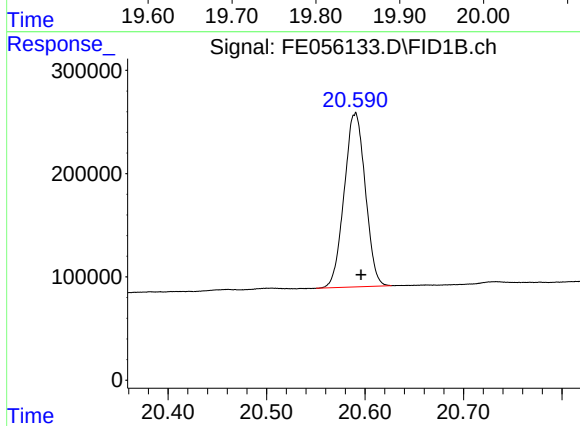
#18 n-Dotriacontane (C32)

R.T.: 19.064 min
Delta R.T.: -0.006 min
Response: 2835721
Conc: 19.01 ug/ml



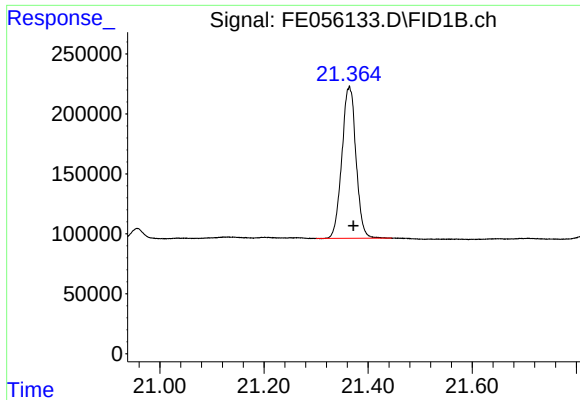
#19 n-Tetratriacontane (C34)

R.T.: 19.849 min
Delta R.T.: -0.006 min
Response: 2727349
Conc: 19.28 ug/ml



#20 n-Hexatriacontane (C36)

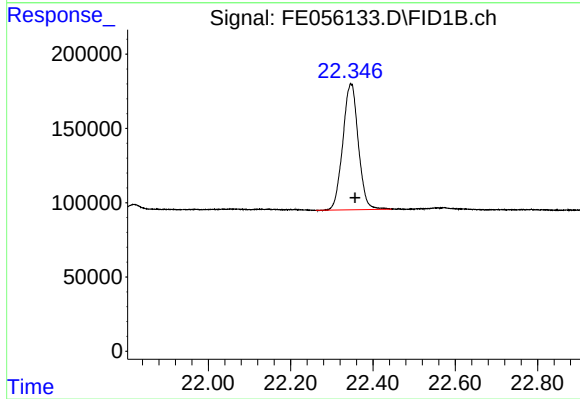
R.T.: 20.590 min
Delta R.T.: -0.006 min
Response: 2505327
Conc: 19.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.364 min
Delta R.T.: -0.008 min
Response: 2379411
Conc: 18.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.347 min
Delta R.T.: -0.010 min
Response: 2219714
Conc: 18.66 ug/ml