

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040825AL\
 Data File : FE053271.D
 Signal(s) : FID1B.ch
 Acq On : 09 Apr 2025 10:10
 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: Apr 09 12:09:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.886	2905813	17.840 ug/ml
Spiked Amount 50.000		Recovery =	35.68%
12) S 1-chlorooctadecane (S...	13.330	2239862	18.659 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
Target Compounds			
1) T n-Nonane (C9)	3.235	2707794	17.488 ug/ml
2) T n-Decane (C10)	4.495	2841369	18.114 ug/ml
3) T A~Naphthalene (C11.7)	6.207	3010497	17.921 ug/ml
4) T n-Dodecane (C12)	6.674	2854311	18.250 ug/ml
5) T A~2-methylnaphthalene...	7.308	2870347	17.989 ug/ml
6) T n-Tetradecane (C14)	8.510	2817395	18.400 ug/ml
7) T n-Hexadecane (C16)	10.123	2882949	18.703 ug/ml
8) T n-Octadecane (C18)	11.570	2842728	18.743 ug/ml
10) T n-Eicosane (C20)	12.884	2663306	18.680 ug/ml
11) T n-Heneicosane (C21)	13.498	2567803	18.504 ug/ml
13) T n-Docosane (C22)	14.086	2539235	18.541 ug/ml
14) T n-Tetracosane (C24)	15.192	2543988	18.836 ug/ml
15) T n-Hexacosane (C26)	16.215	2529544	18.961 ug/ml
16) T n-Octacosane (C28)	17.167	2666145	20.203 ug/ml
17) T n-Tricontane (C30)	18.057	3066000	22.621 ug/ml
18) T n-Dotriacontane (C32)	18.891	3362733	24.990 ug/ml
19) T n-Tetratriacontane (C34)	19.676	3193106	24.677 ug/ml
20) T n-Hexatriacontane (C36)	20.418	2930117	24.666 ug/ml
21) T n-Octatriacontane (C38)	21.153	2679951	23.317 ug/ml
22) T n-Tetracontane (C40)	22.064	2392228	21.300 ug/ml

(f)=RT Delta > 1/2 Window

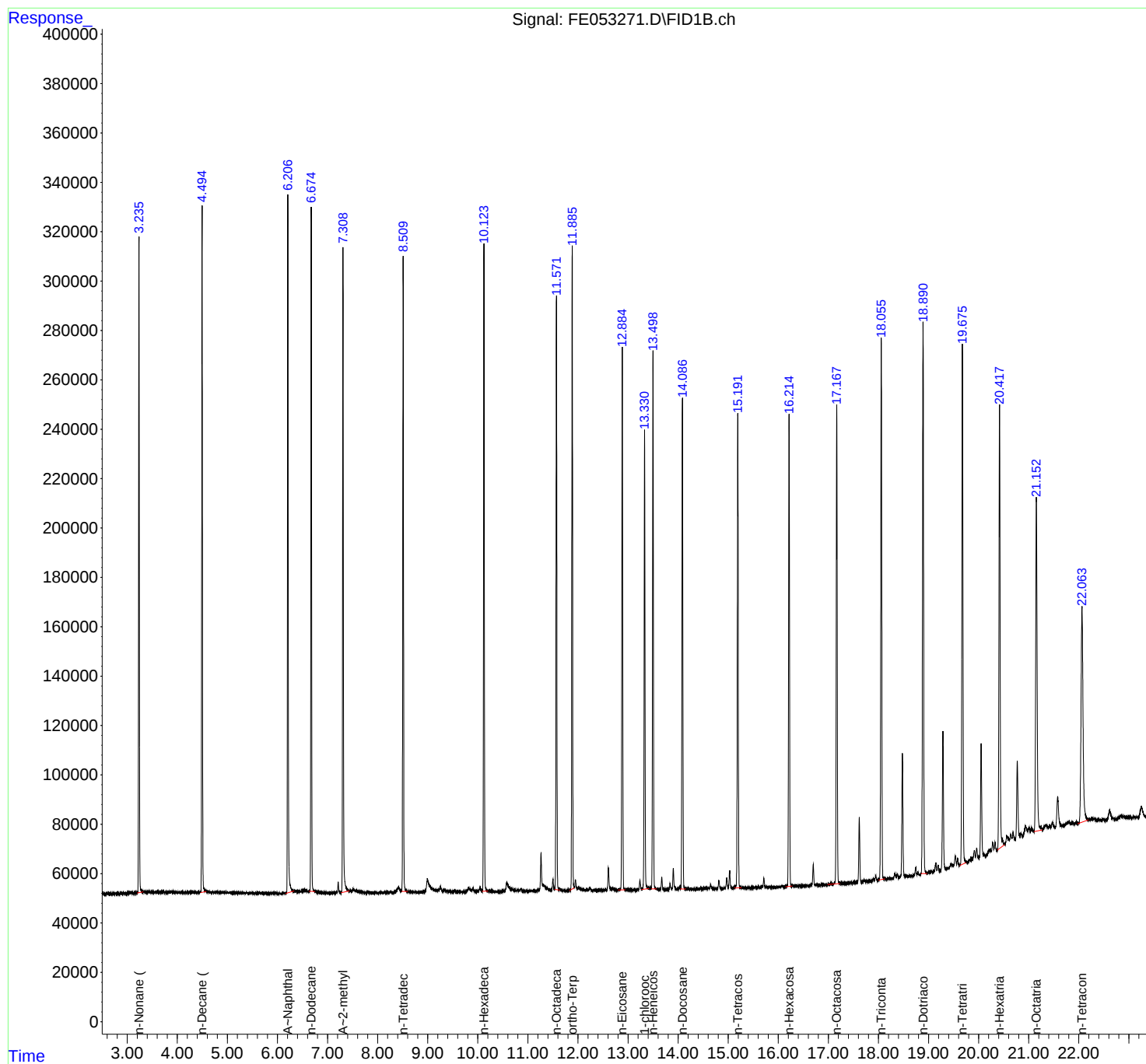
(m)=manual int.

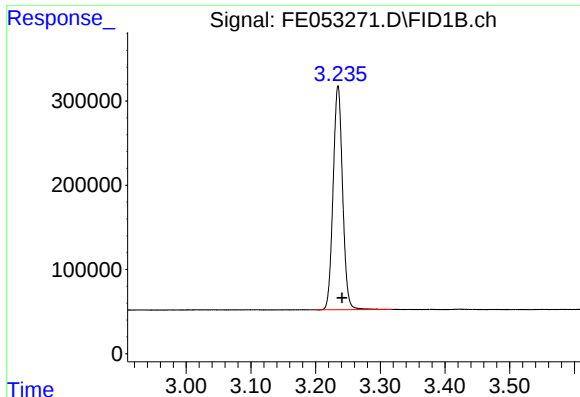
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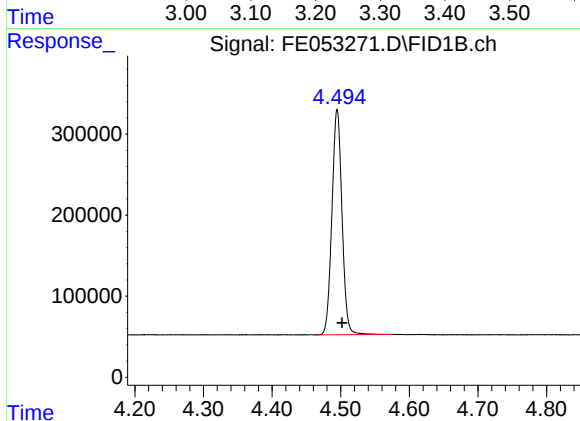




#1 n-Nonane (C9)

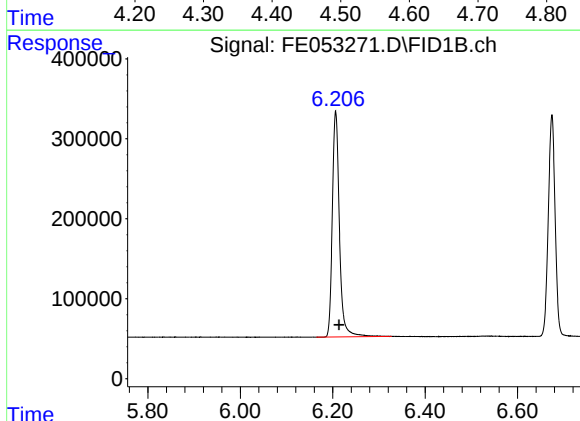
R.T.: 3.235 min
Delta R.T.: -0.006 min
Response: 2707794
Conc: 17.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



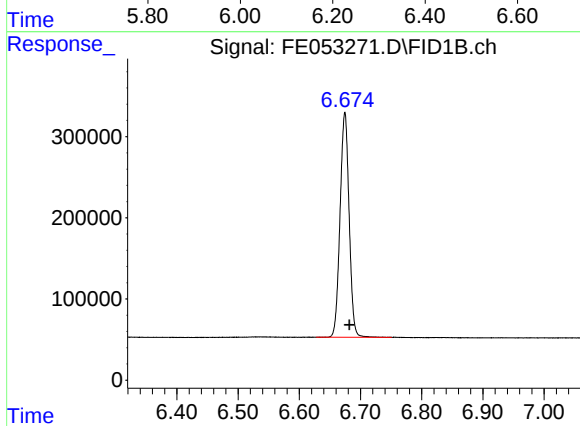
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: -0.007 min
Response: 2841369
Conc: 18.11 ug/ml



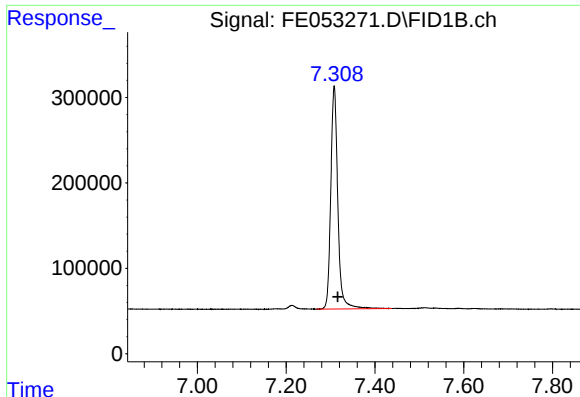
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: -0.008 min
Response: 3010497
Conc: 17.92 ug/ml



#4 n-Dodecane (C12)

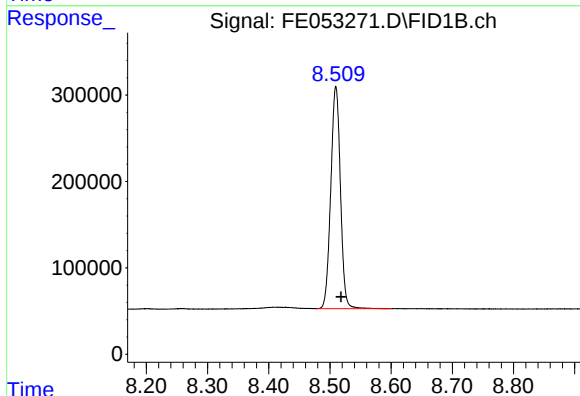
R.T.: 6.674 min
Delta R.T.: -0.008 min
Response: 2854311
Conc: 18.25 ug/ml



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

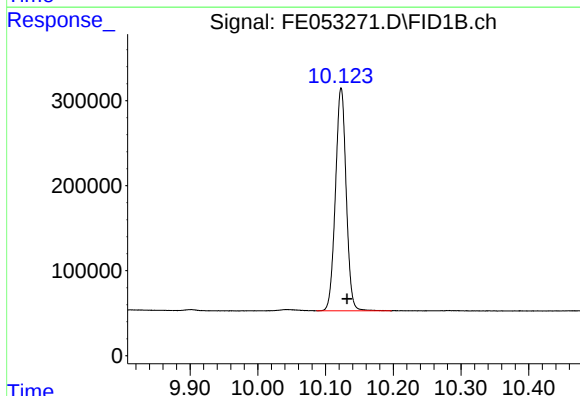
R.T.: 7.308 min
Delta R.T.: -0.008 min
Response: 2870347
Conc: 17.99 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



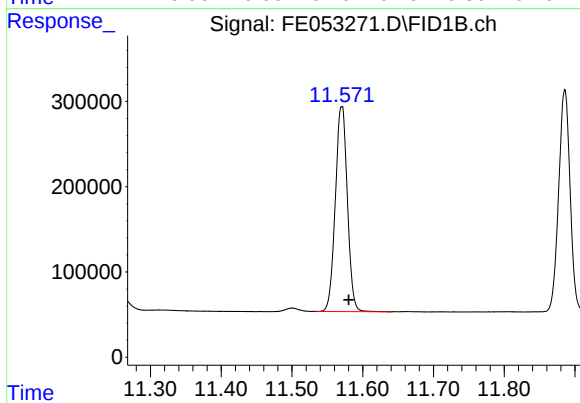
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: -0.008 min
Response: 2817395
Conc: 18.40 ug/ml



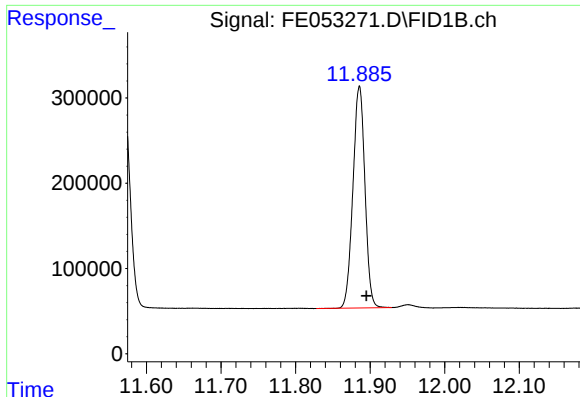
#7 n-Hexadecane (C16)

R.T.: 10.123 min
Delta R.T.: -0.009 min
Response: 2882949
Conc: 18.70 ug/ml



#8 n-Octadecane (C18)

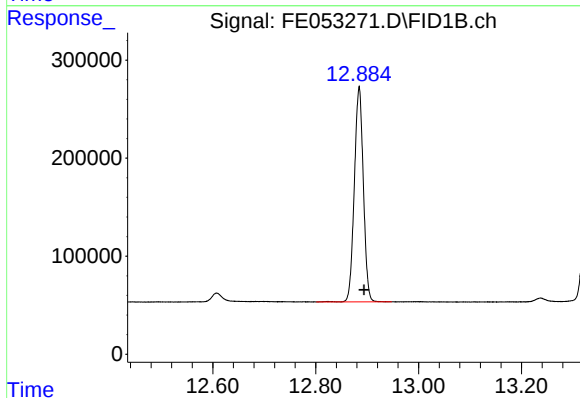
R.T.: 11.570 min
Delta R.T.: -0.010 min
Response: 2842728
Conc: 18.74 ug/ml



#9 ortho-Terphenyl (SURR)

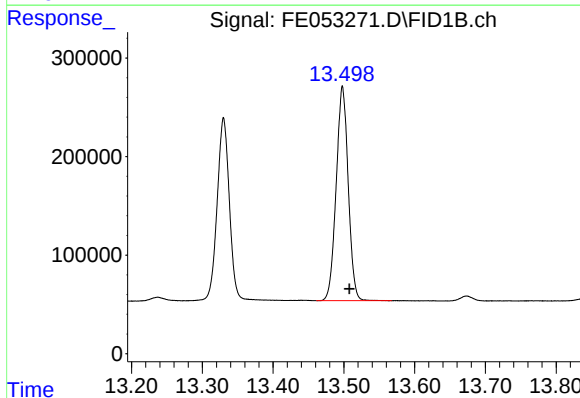
R.T.: 11.886 min
Delta R.T.: -0.010 min
Response: 2905813
Conc: 17.84 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



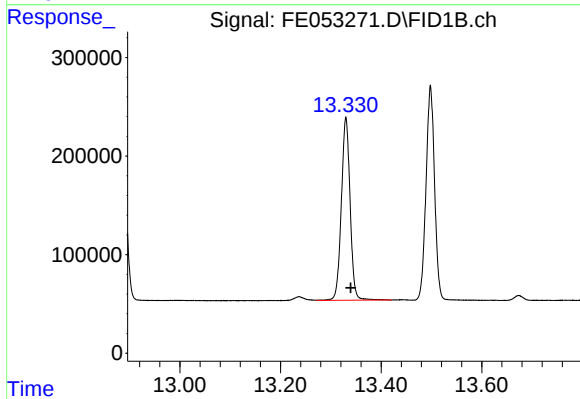
#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: -0.010 min
Response: 2663306
Conc: 18.68 ug/ml



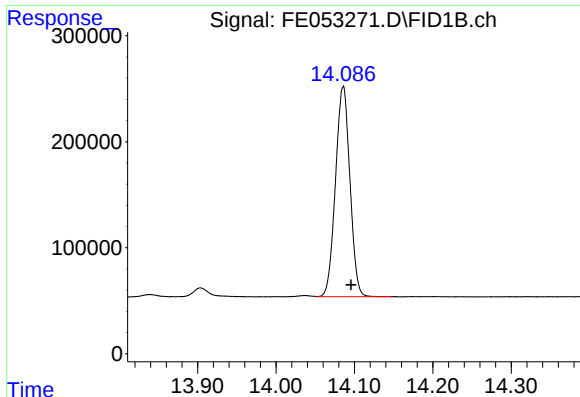
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.010 min
Response: 2567803
Conc: 18.50 ug/ml



#12 1-chlorooctadecane (SURR)

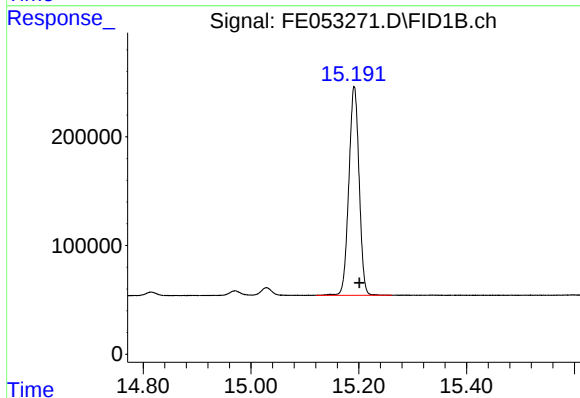
R.T.: 13.330 min
Delta R.T.: -0.010 min
Response: 2239862
Conc: 18.66 ug/ml



#13 n-Docosane (C22)

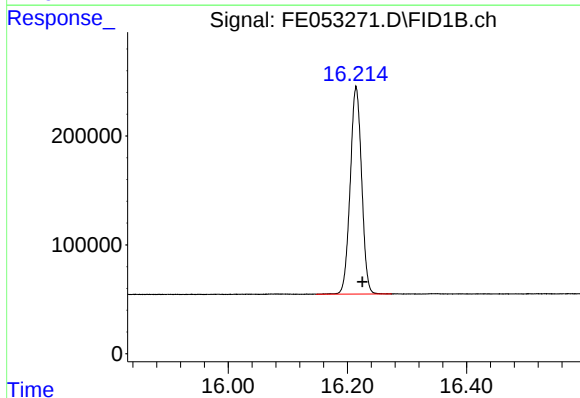
R.T.: 14.086 min
Delta R.T.: -0.010 min
Response: 2539235
Conc: 18.54 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



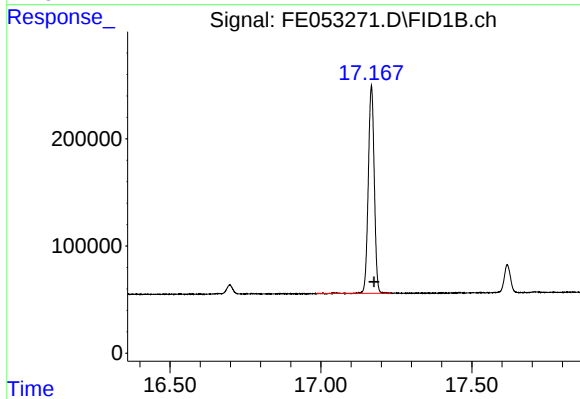
#14 n-Tetracosane (C24)

R.T.: 15.192 min
Delta R.T.: -0.010 min
Response: 2543988
Conc: 18.84 ug/ml



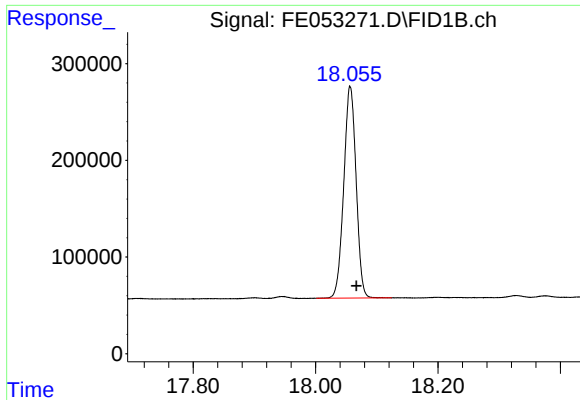
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: -0.011 min
Response: 2529544
Conc: 18.96 ug/ml



#16 n-Octacosane (C28)

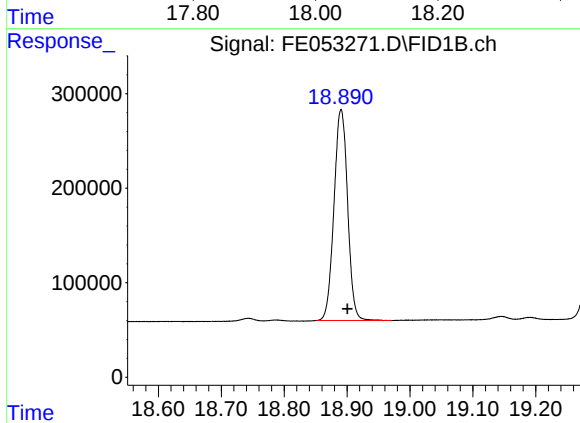
R.T.: 17.167 min
Delta R.T.: -0.009 min
Response: 2666145
Conc: 20.20 ug/ml



#17 n-Tricontane (C30)

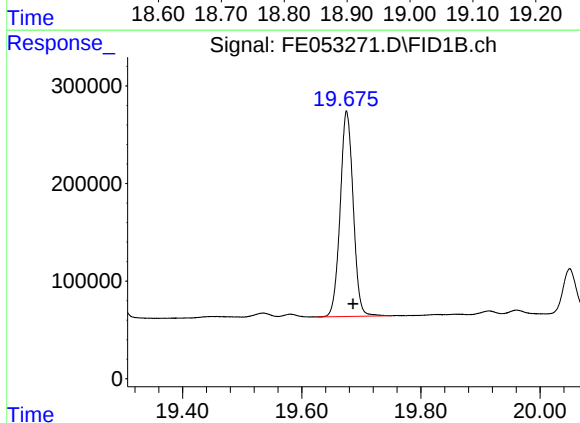
R.T.: 18.057 min
Delta R.T.: -0.010 min
Response: 3066000
Conc: 22.62 ug/ml

Instrument :
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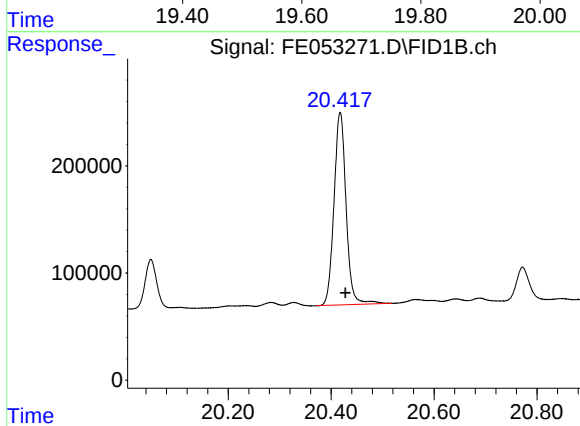
#18 n-Dotriacontane (C32)

R.T.: 18.891 min
Delta R.T.: -0.010 min
Response: 3362733
Conc: 24.99 ug/ml



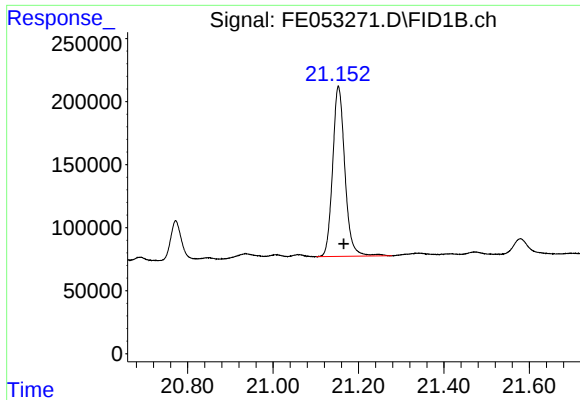
#19 n-Tetratriacontane (C34)

R.T.: 19.676 min
Delta R.T.: -0.010 min
Response: 3193106
Conc: 24.68 ug/ml



#20 n-Hexatriacontane (C36)

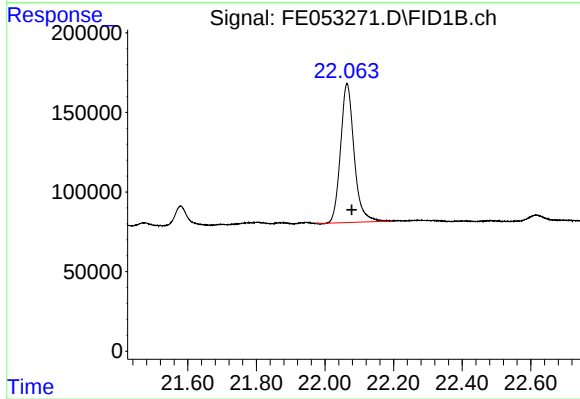
R.T.: 20.418 min
Delta R.T.: -0.010 min
Response: 2930117
Conc: 24.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.153 min
Delta R.T.: -0.012 min
Response: 2679951
Conc: 23.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.064 min
Delta R.T.: -0.014 min
Response: 2392228
Conc: 21.30 ug/ml