

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052325AL\
 Data File : FD049407.D
 Signal(s) : FID2B.ch
 Acq On : 24 May 2025 00:15
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: May 27 05:21:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052325.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 05:19:30 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)	11.646	2190625	10.462 ug/ml
Spiked Amount 50.000		Recovery =	20.92%
12) S 1-chlorooctadecane (S...	13.076	1671582	10.389 ug/ml
Spiked Amount 50.000		Recovery =	20.78%
Target Compounds			
1) T n-Nonane (C9)	3.416	1305024	10.547 ug/ml
2) T n-Decane (C10)	4.485	1335053	10.525 ug/ml
3) T A~Naphthalene (C11.7)	6.071	1612798	10.516 ug/ml
4) T n-Dodecane (C12)	6.500	1414319	10.498 ug/ml
5) T A~2-methylnaphthalene...	7.125	1652369	10.503 ug/ml
6) T n-Tetradecane (C14)	8.291	1492545	10.415 ug/ml
7) T n-Hexadecane (C16)	9.887	1630752	10.383 ug/ml
8) T n-Octadecane (C18)	11.326	1755885	10.436 ug/ml
10) T n-Eicosane (C20)	12.632	1797930	10.447 ug/ml
11) T n-Heneicosane (C21)	13.242	1794065	10.427 ug/ml
13) T n-Docosane (C22)	13.827	1785024	10.457 ug/ml
14) T n-Tetracosane (C24)	14.926	1735016	10.421 ug/ml
15) T n-Hexacosane (C26)	15.944	1662573	10.435 ug/ml
16) T n-Octacosane (C28)	16.891	1598194	10.469 ug/ml
17) T n-Tricontane (C30)	17.776	1604157	10.580 ug/ml
18) T n-Dotriacontane (C32)	18.606	1573409	10.610 ug/ml
19) T n-Tetratriacontane (C34)	19.387	1465829	10.497 ug/ml
20) T n-Hexatriacontane (C36)	20.124	1410654	10.488 ug/ml
21) T n-Octatriacontane (C38)	20.862	1337076	10.356 ug/ml
22) T n-Tetracontane (C40)	21.778	1294908	10.350 ug/ml

(f)=RT Delta > 1/2 Window

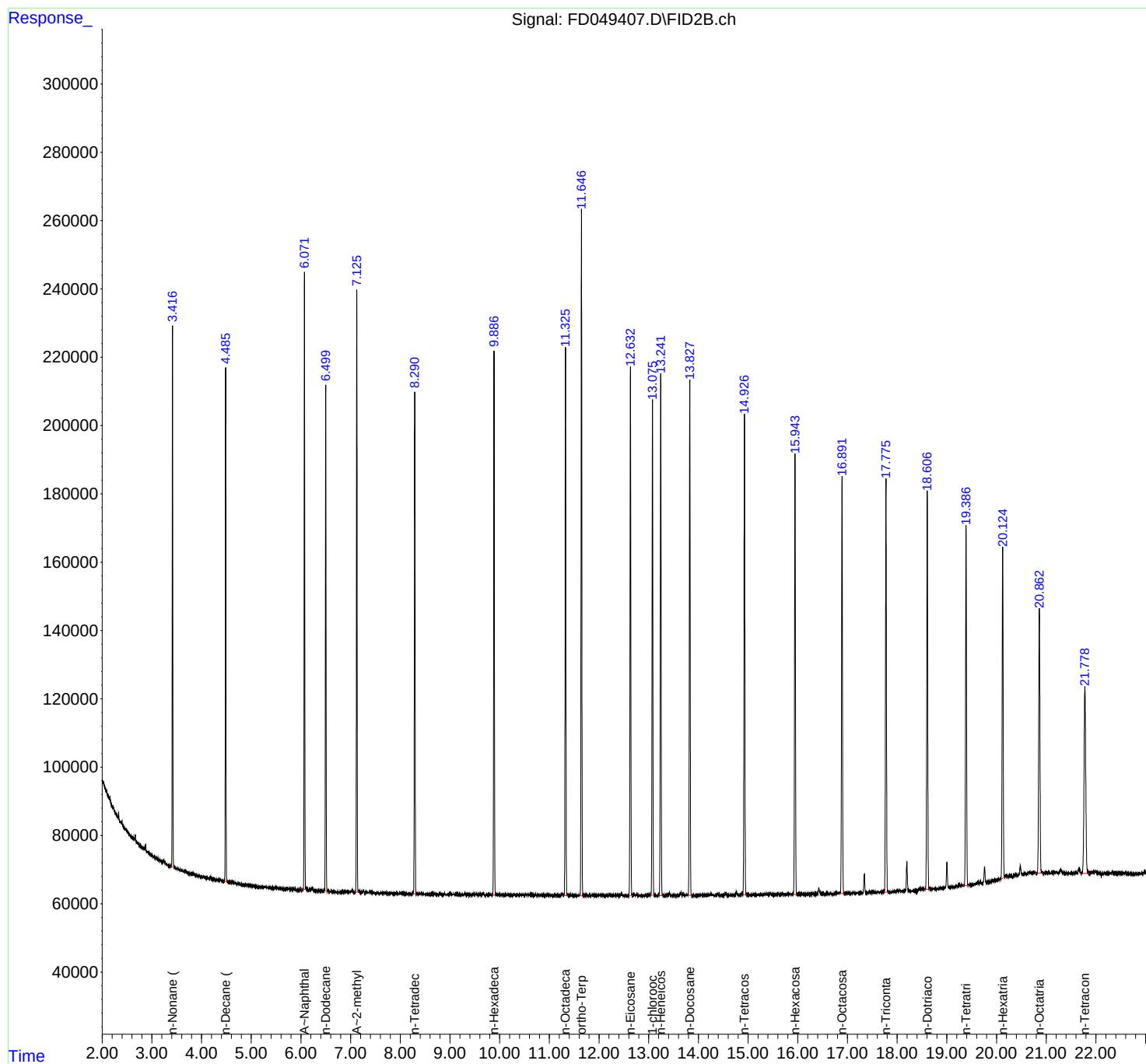
(m)=manual int.

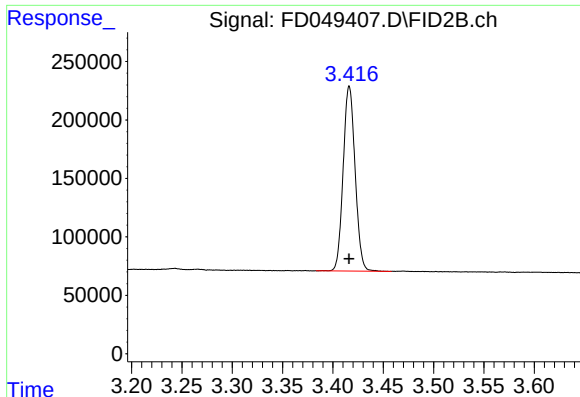
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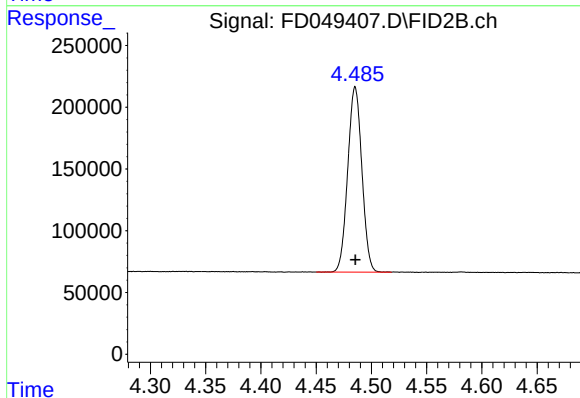




#1 n-Nonane (C9)

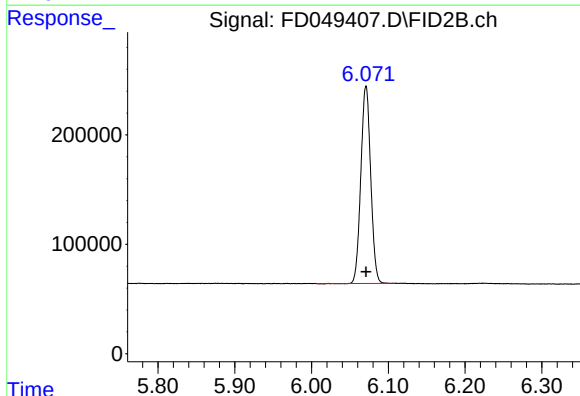
R.T.: 3.416 min
Delta R.T.: 0.000 min
Response: 1305024
Conc: 10.55 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



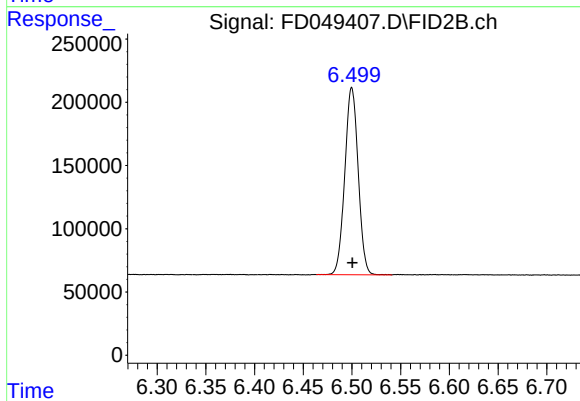
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 1335053
Conc: 10.52 ug/ml



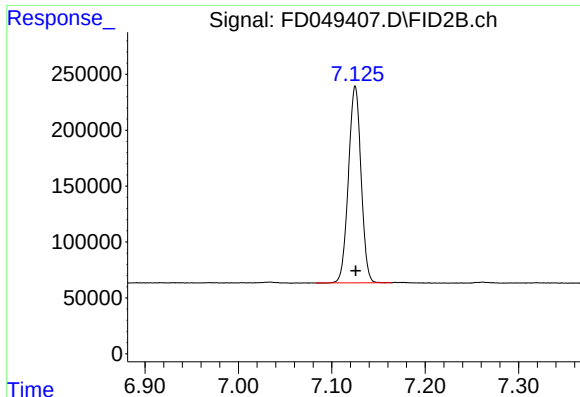
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 1612798
Conc: 10.52 ug/ml



#4 n-Dodecane (C12)

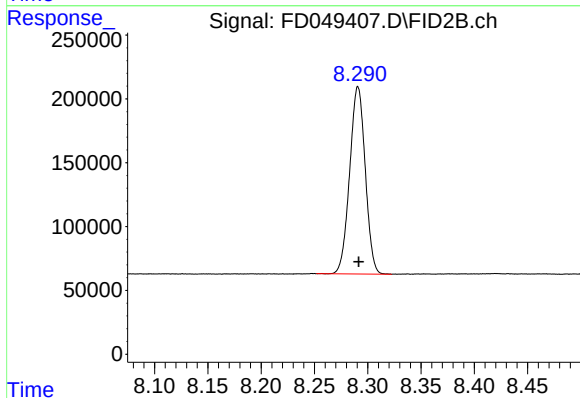
R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 1414319
Conc: 10.50 ug/ml



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

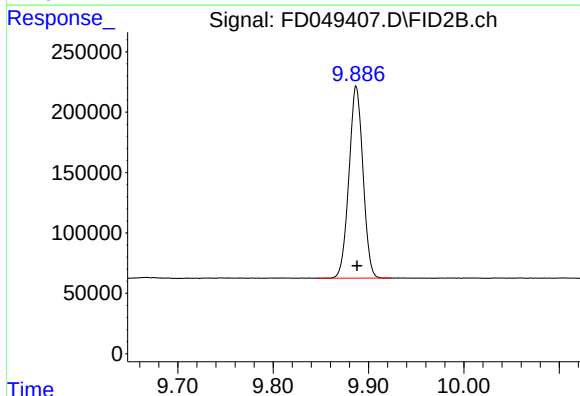
R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 1652369
Conc: 10.50 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



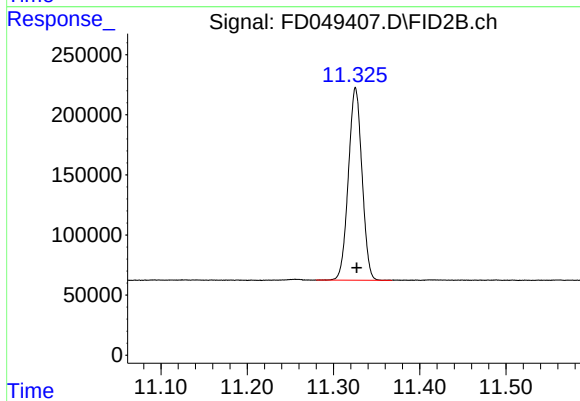
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: 0.000 min
Response: 1492545
Conc: 10.41 ug/ml



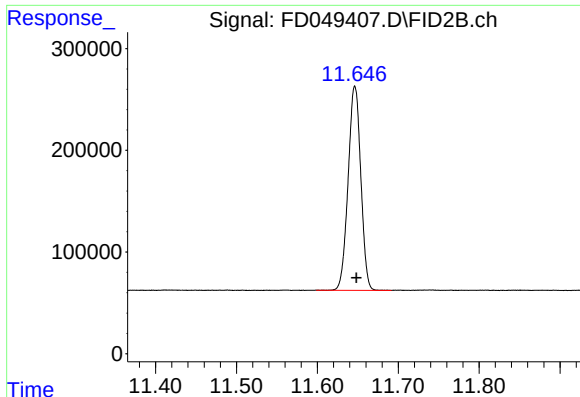
#7 n-Hexadecane (C16)

R.T.: 9.887 min
Delta R.T.: -0.001 min
Response: 1630752
Conc: 10.38 ug/ml



#8 n-Octadecane (C18)

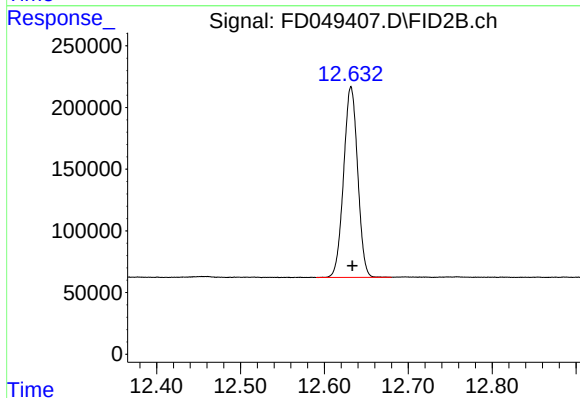
R.T.: 11.326 min
Delta R.T.: -0.001 min
Response: 1755885
Conc: 10.44 ug/ml



#9 ortho-Terphenyl (SURR)

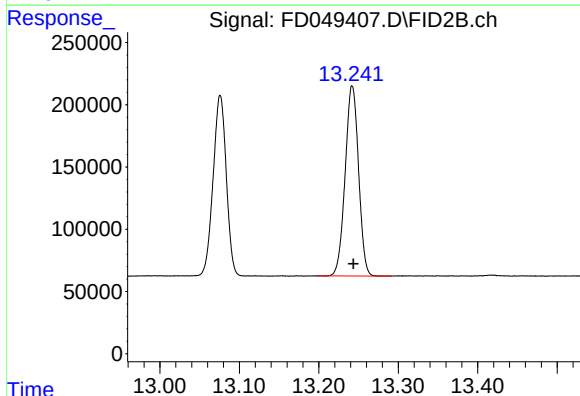
R.T.: 11.646 min
Delta R.T.: -0.002 min
Response: 2190625
Conc: 10.46 ug/ml

Instrument :
FID_D
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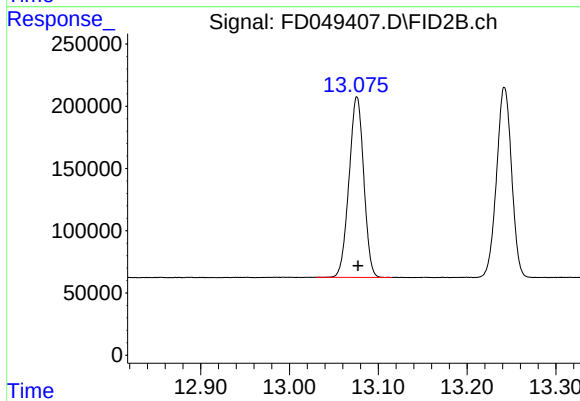
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: -0.001 min
Response: 1797930
Conc: 10.45 ug/ml



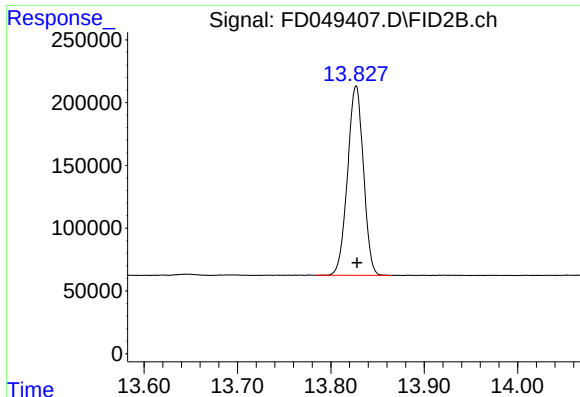
#11 n-Heneicosane (C21)

R.T.: 13.242 min
Delta R.T.: -0.001 min
Response: 1794065
Conc: 10.43 ug/ml



#12 1-chlorooctadecane (SURR)

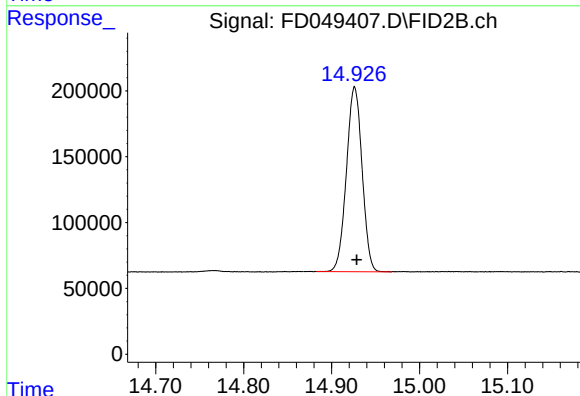
R.T.: 13.076 min
Delta R.T.: -0.001 min
Response: 1671582
Conc: 10.39 ug/ml



#13 n-Docosane (C22)

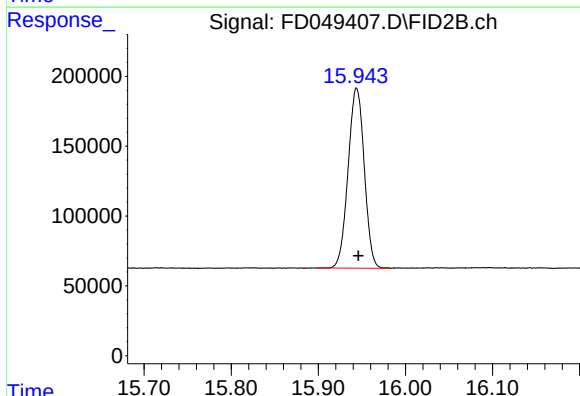
R.T.: 13.827 min
Delta R.T.: -0.001 min
Response: 1785024
Conc: 10.46 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



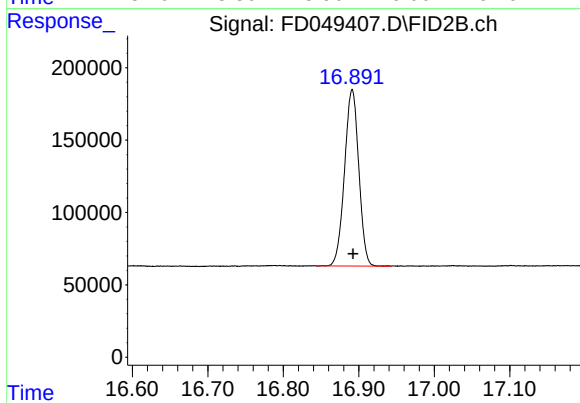
#14 n-Tetracosane (C24)

R.T.: 14.926 min
Delta R.T.: -0.002 min
Response: 1735016
Conc: 10.42 ug/ml



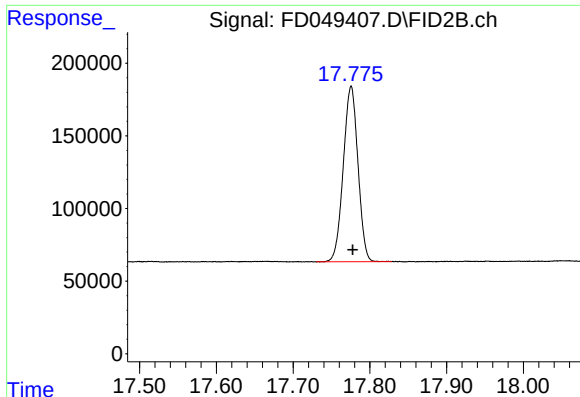
#15 n-Hexacosane (C26)

R.T.: 15.944 min
Delta R.T.: -0.002 min
Response: 1662573
Conc: 10.43 ug/ml



#16 n-Octacosane (C28)

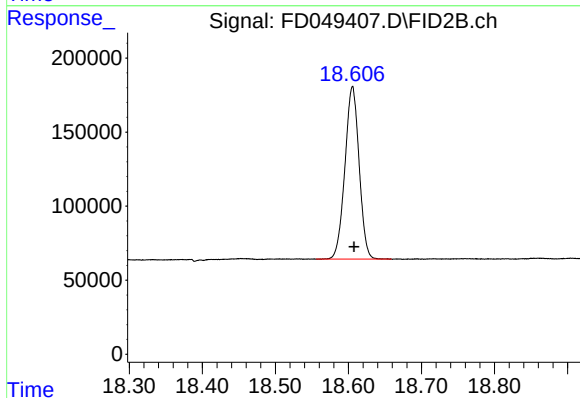
R.T.: 16.891 min
Delta R.T.: -0.001 min
Response: 1598194
Conc: 10.47 ug/ml



#17 n-Tricontane (C30)

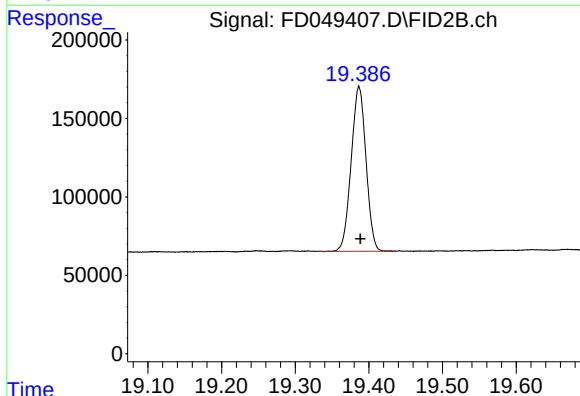
R.T.: 17.776 min
Delta R.T.: -0.002 min
Response: 1604157
Conc: 10.58 ug/ml

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10 PPM ALIPHATIC HC STD4



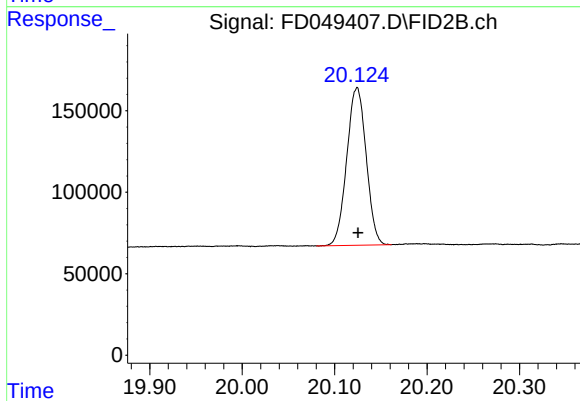
#18 n-Dotriacontane (C32)

R.T.: 18.606 min
Delta R.T.: -0.002 min
Response: 1573409
Conc: 10.61 ug/ml



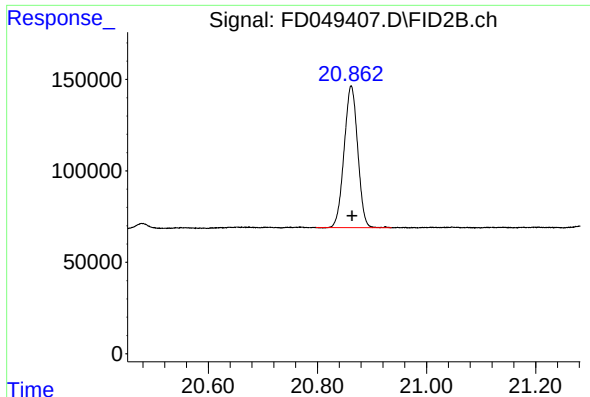
#19 n-Tetratriacontane (C34)

R.T.: 19.387 min
Delta R.T.: -0.002 min
Response: 1465829
Conc: 10.50 ug/ml



#20 n-Hexatriacontane (C36)

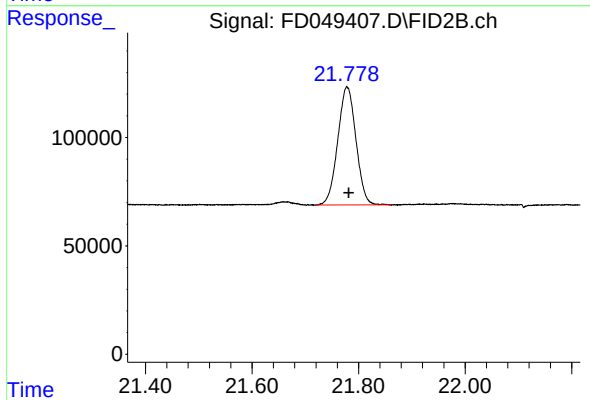
R.T.: 20.124 min
Delta R.T.: -0.001 min
Response: 1410654
Conc: 10.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.862 min
Delta R.T.: -0.002 min
Response: 1337076
Conc: 10.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.778 min
Delta R.T.: -0.003 min
Response: 1294908
Conc: 10.35 ug/ml