

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052325AL\
 Data File : FD049409.D
 Signal(s) : FID2B.ch
 Acq On : 24 May 2025 01:32
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 27 05:33:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052325.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 05:31:25 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)	11.648	3765653	18.338 ug/ml
Spiked Amount 50.000		Recovery =	36.68%
12) S 1-chlorooctadecane (S...	13.077	2878948	18.273 ug/ml
Spiked Amount 50.000		Recovery =	36.55%
Target Compounds			
1) T n-Nonane (C9)	3.416	2291067	18.816 ug/ml
2) T n-Decane (C10)	4.485	2351605	18.838 ug/ml
3) T A~Naphthalene (C11.7)	6.071	2824390	18.775 ug/ml
4) T n-Dodecane (C12)	6.500	2490321	18.782 ug/ml
5) T A~2-methylnaphthalene...	7.126	2885630	18.698 ug/ml
6) T n-Tetradecane (C14)	8.292	2627389	18.644 ug/ml
7) T n-Hexadecane (C16)	9.888	2844196	18.434 ug/ml
8) T n-Octadecane (C18)	11.327	3033321	18.359 ug/ml
10) T n-Eicosane (C20)	12.633	3106055	18.405 ug/ml
11) T n-Heneicosane (C21)	13.243	3090951	18.327 ug/ml
13) T n-Docosane (C22)	13.828	3115462	18.600 ug/ml
14) T n-Tetracosane (C24)	14.927	3127520	19.189 ug/ml
15) T n-Hexacosane (C26)	15.946	3047528	19.528 ug/ml
16) T n-Octacosane (C28)	16.892	2938202	19.526 ug/ml
17) T n-Tricontane (C30)	17.777	2908789	19.257 ug/ml
18) T n-Dotriacontane (C32)	18.607	2836625	19.098 ug/ml
19) T n-Tetratriacontane (C34)	19.388	2594304	18.616 ug/ml
20) T n-Hexatriacontane (C36)	20.125	2488972	18.615 ug/ml
21) T n-Octatriacontane (C38)	20.862	2356332	18.515 ug/ml
22) T n-Tetracontane (C40)	21.780	2266505	18.453 ug/ml

(f)=RT Delta > 1/2 Window

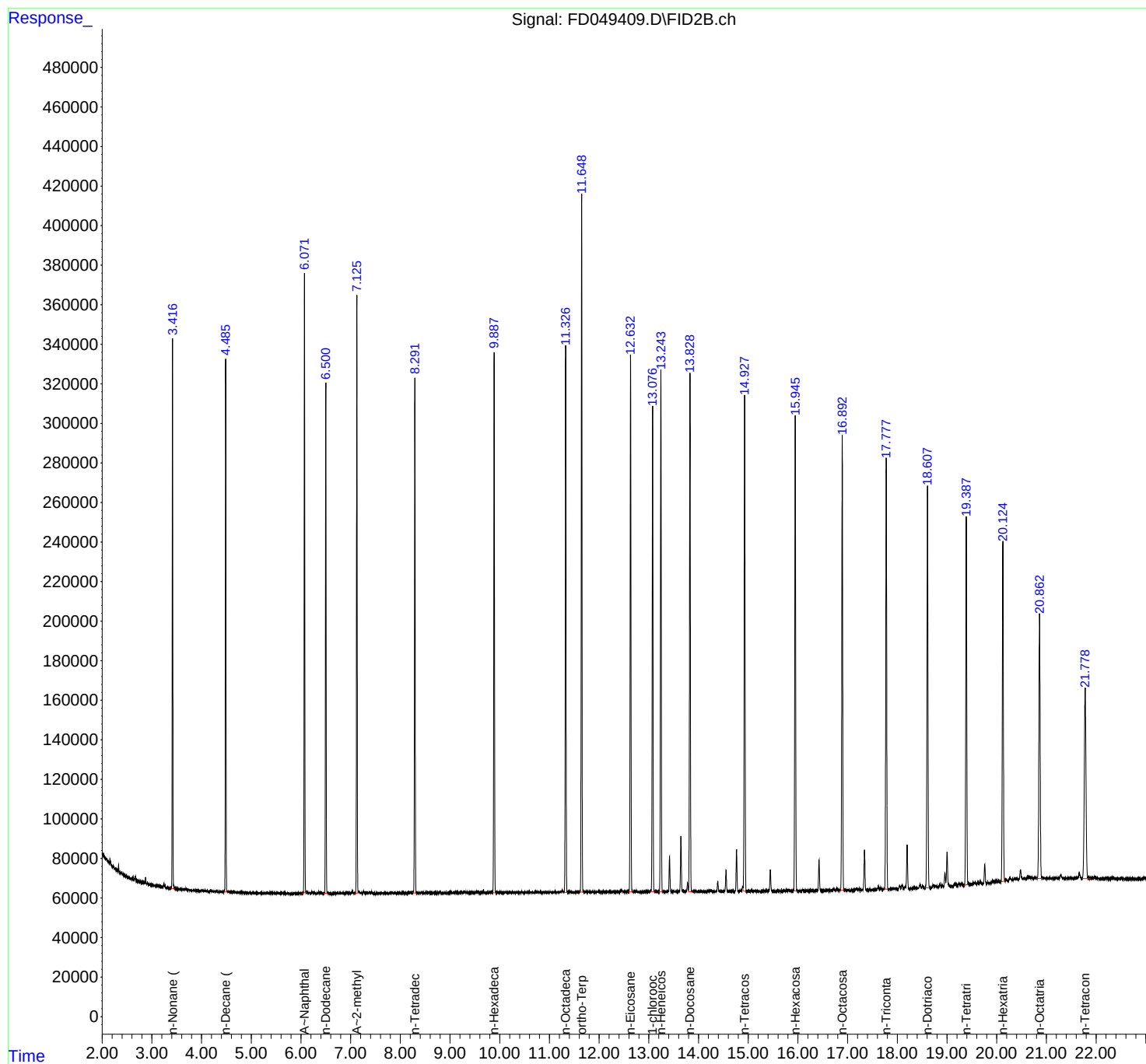
(m)=manual int.

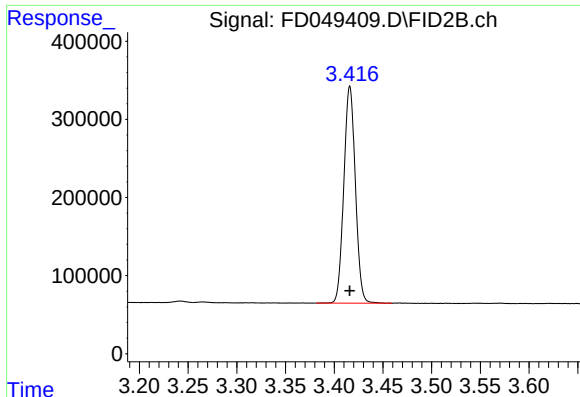
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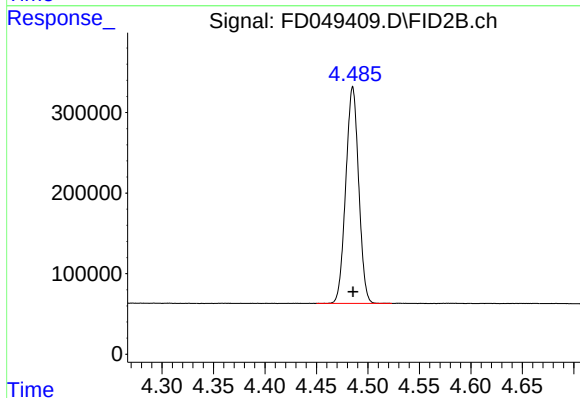




#1 n-Nonane (C9)

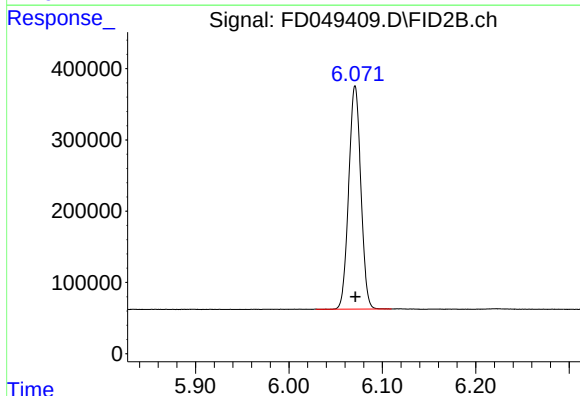
R.T.: 3.416 min
Delta R.T.: 0.000 min
Response: 2291067
Conc: 18.82 ug/ml

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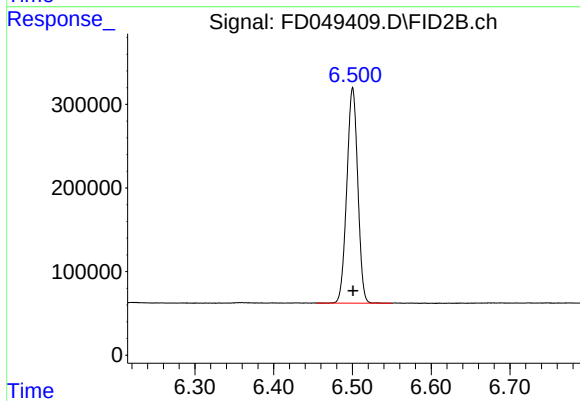
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 2351605
Conc: 18.84 ug/ml



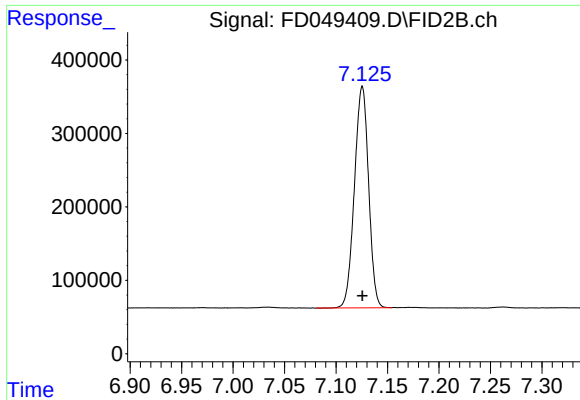
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 2824390
Conc: 18.78 ug/ml



#4 n-Dodecane (C12)

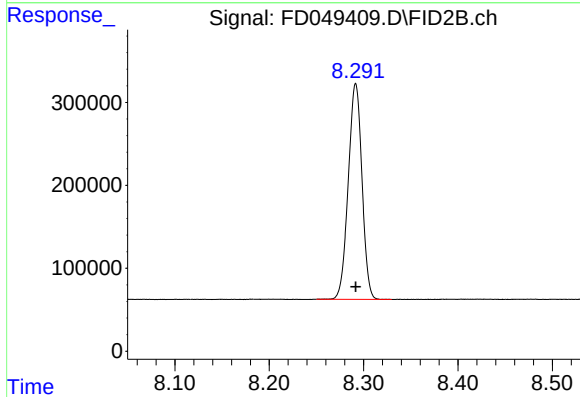
R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 2490321
Conc: 18.78 ug/ml



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

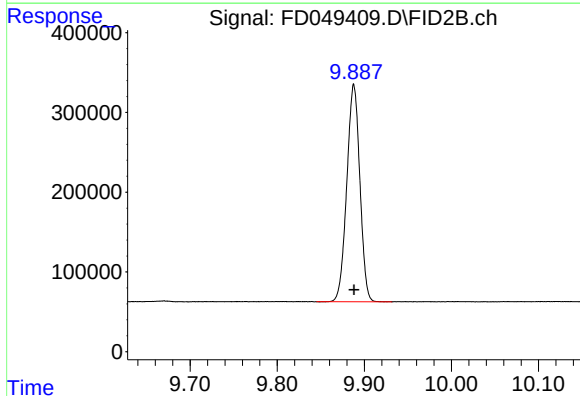
R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 2885630
Conc: 18.70 ug/ml

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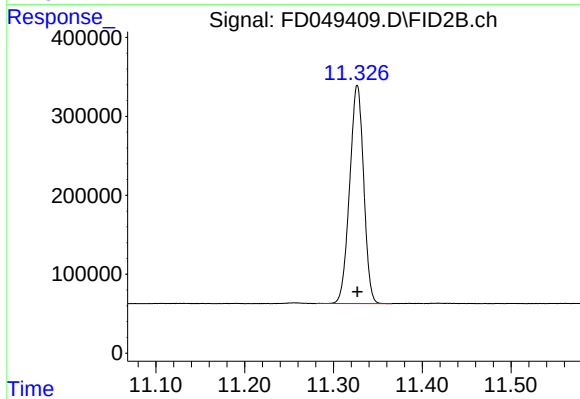
#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 2627389
Conc: 18.64 ug/ml



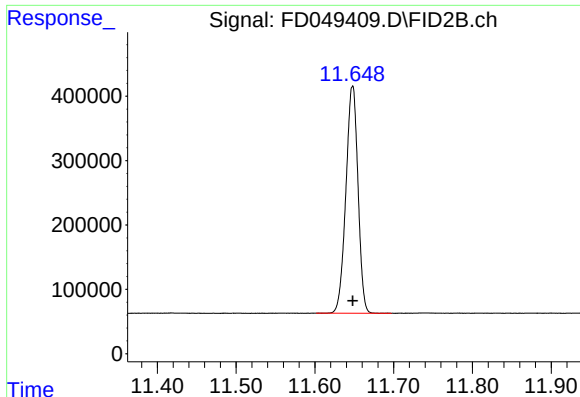
#7 n-Hexadecane (C16)

R.T.: 9.888 min
Delta R.T.: 0.000 min
Response: 2844196
Conc: 18.43 ug/ml



#8 n-Octadecane (C18)

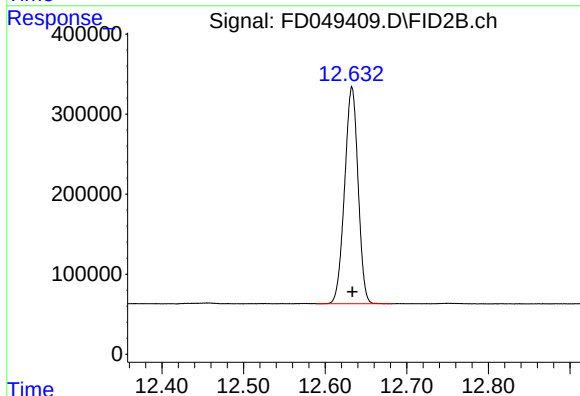
R.T.: 11.327 min
Delta R.T.: 0.000 min
Response: 3033321
Conc: 18.36 ug/ml



#9 ortho-Terphenyl (SURR)

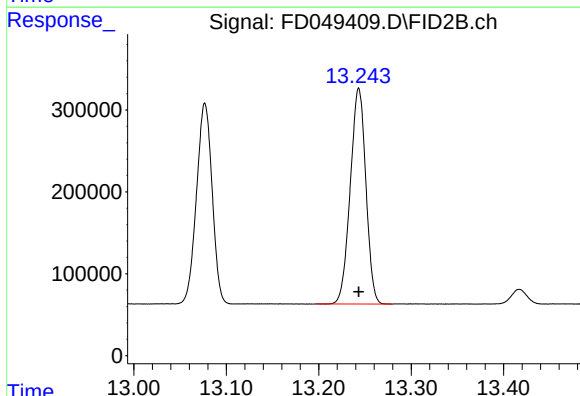
R.T.: 11.648 min
Delta R.T.: 0.000 min
Response: 3765653
Conc: 18.34 ug/ml

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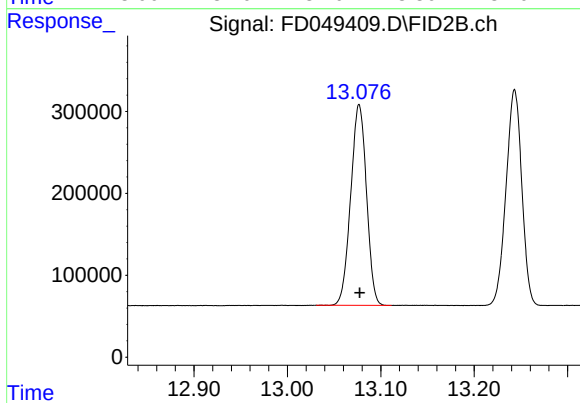
#10 n-Eicosane (C20)

R.T.: 12.633 min
Delta R.T.: 0.000 min
Response: 3106055
Conc: 18.41 ug/ml



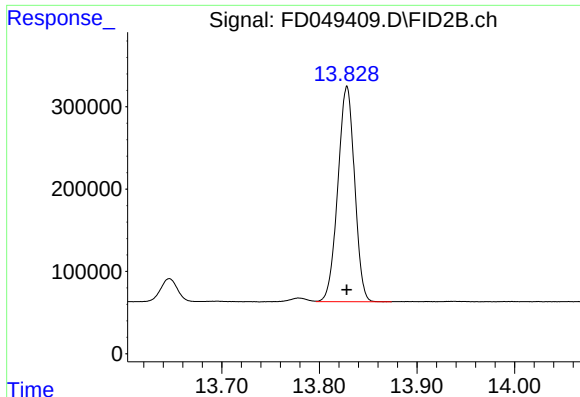
#11 n-Heneicosane (C21)

R.T.: 13.243 min
Delta R.T.: 0.000 min
Response: 3090951
Conc: 18.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.077 min
Delta R.T.: 0.000 min
Response: 2878948
Conc: 18.27 ug/ml



#13 n-Docosane (C22)

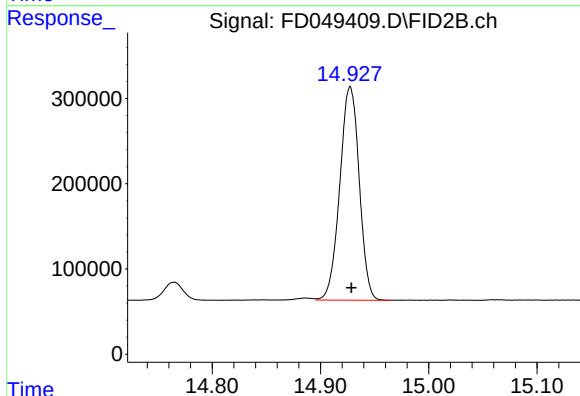
R.T.: 13.828 min
Delta R.T.: 0.000 min
Response: 3115462
Conc: 18.60 ug/ml

Instrument :

FID_D

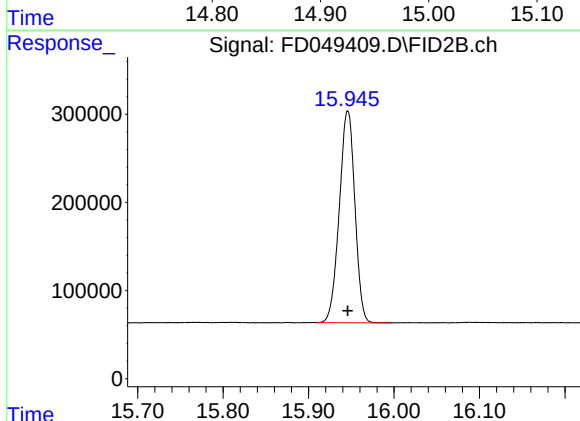
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



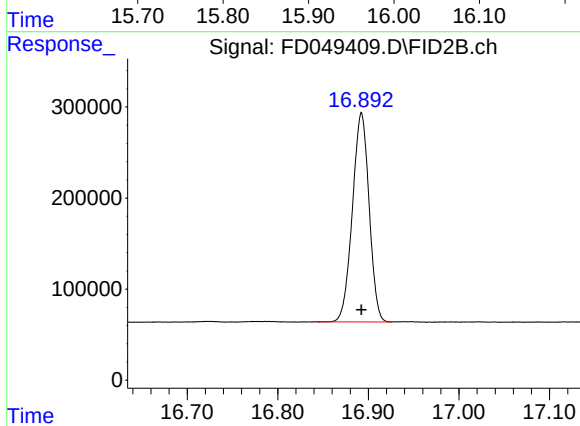
#14 n-Tetracosane (C24)

R.T.: 14.927 min
Delta R.T.: -0.001 min
Response: 3127520
Conc: 19.19 ug/ml



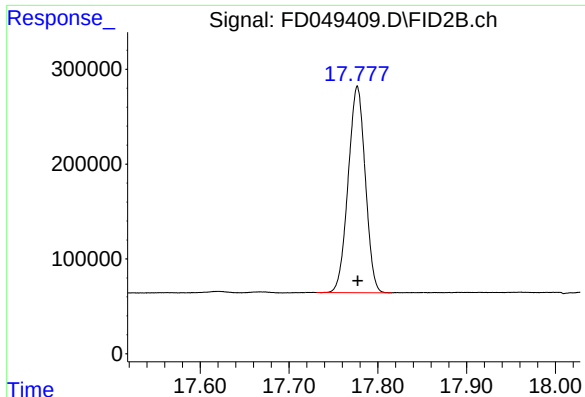
#15 n-Hexacosane (C26)

R.T.: 15.946 min
Delta R.T.: 0.000 min
Response: 3047528
Conc: 19.53 ug/ml



#16 n-Octacosane (C28)

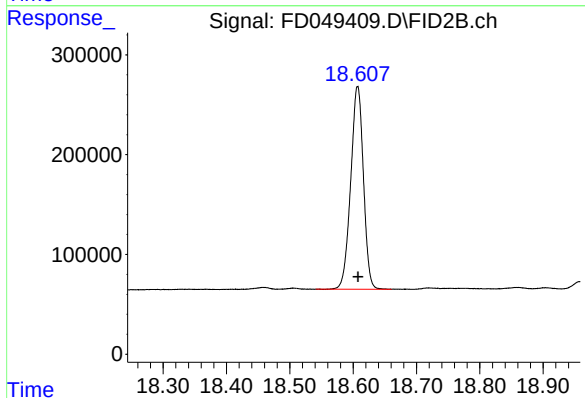
R.T.: 16.892 min
Delta R.T.: 0.000 min
Response: 2938202
Conc: 19.53 ug/ml



#17 n-Tricontane (C30)

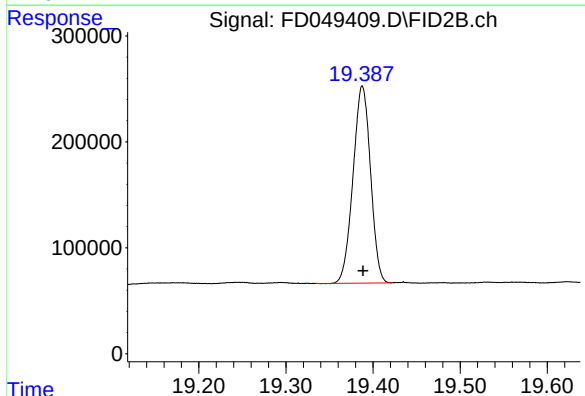
R.T.: 17.777 min
Delta R.T.: 0.000 min
Response: 2908789
Conc: 19.26 ug/ml

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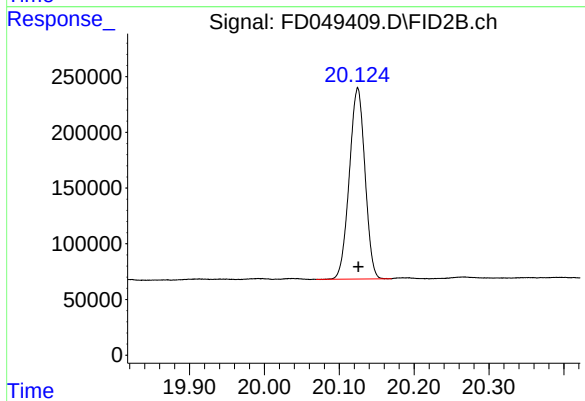
#18 n-Dotriacontane (C32)

R.T.: 18.607 min
Delta R.T.: 0.000 min
Response: 2836625
Conc: 19.10 ug/ml



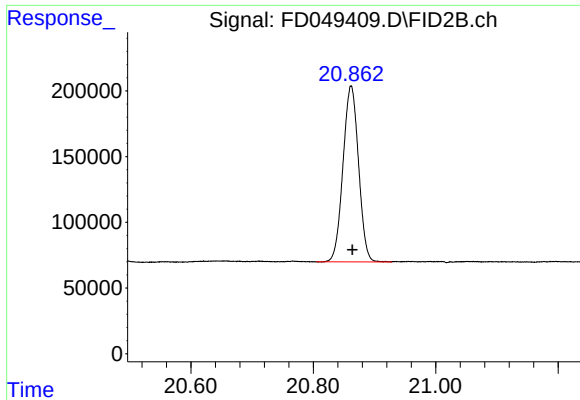
#19 n-Tetratriacontane (C34)

R.T.: 19.388 min
Delta R.T.: 0.000 min
Response: 2594304
Conc: 18.62 ug/ml



#20 n-Hexatriacontane (C36)

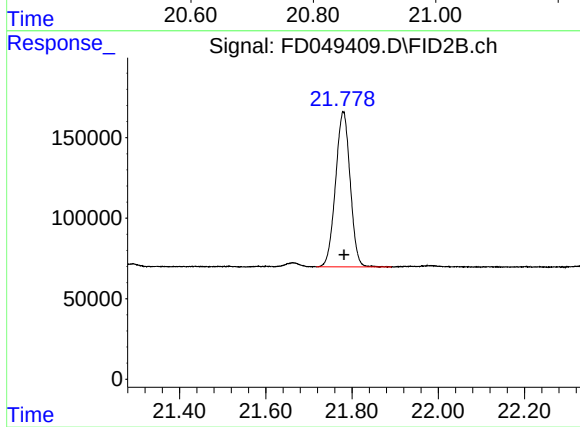
R.T.: 20.125 min
Delta R.T.: 0.000 min
Response: 2488972
Conc: 18.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.862 min
Delta R.T.: -0.002 min
Response: 2356332
Conc: 18.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.780 min
Delta R.T.: -0.002 min
Response: 2266505
Conc: 18.45 ug/ml