

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051624AL\
 Data File : FD047760.D
 Signal(s) : FID2B.ch
 Acq On : 16 May 2024 10:50
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 16 12:06:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 13:08:23 2024
 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)	11.352	3664721	16.794 ug/ml
Spiked Amount 50.000		Recovery =	33.59%
12) S 1-chlorooctadecane (S...	12.791	2702573	16.585 ug/ml
Spiked Amount 50.000		Recovery =	33.17%
Target Compounds			
1) T n-Nonane (C9)	3.186	3260914	16.936 ug/ml
2) T n-Decane (C10)	4.238	3326887	16.804 ug/ml
3) T A~Naphthalene (C11.7)	5.795	3673802	16.870 ug/ml
4) T n-Dodecane (C12)	6.239	3342140	16.828 ug/ml
5) T A~2-methylnaphthalene...	6.844	3501102	16.690 ug/ml
6) T n-Tetradecane (C14)	8.023	3297004	16.881 ug/ml
7) T n-Hexadecane (C16)	9.616	3390662	16.895 ug/ml
8) T n-Octadecane (C18)	11.050	3426755	16.873 ug/ml
10) T n-Eicosane (C20)	12.352	3283997	16.822 ug/ml
11) T n-Heneicosane (C21)	12.961	3225119	16.767 ug/ml
13) T n-Docosane (C22)	13.545	3187651	16.752 ug/ml
14) T n-Tetracosane (C24)	14.642	3119505	16.592 ug/ml
15) T n-Hexacosane (C26)	15.658	3009443	16.613 ug/ml
16) T n-Octacosane (C28)	16.602	2884990	16.554 ug/ml
17) T n-Tricontane (C30)	17.487	2864946	16.417 ug/ml
18) T n-Dotriacontane (C32)	18.315	2754961	16.181 ug/ml
19) T n-Tetratriacontane (C34)	19.094	2655391	16.465 ug/ml
20) T n-Hexatriacontane (C36)	19.830	2535412	16.586 ug/ml
21) T n-Octatriacontane (C38)	20.530	2457803	16.716 ug/ml
22) T n-Tetracontane (C40)	21.338	2344044	16.528 ug/ml

(f)=RT Delta > 1/2 Window

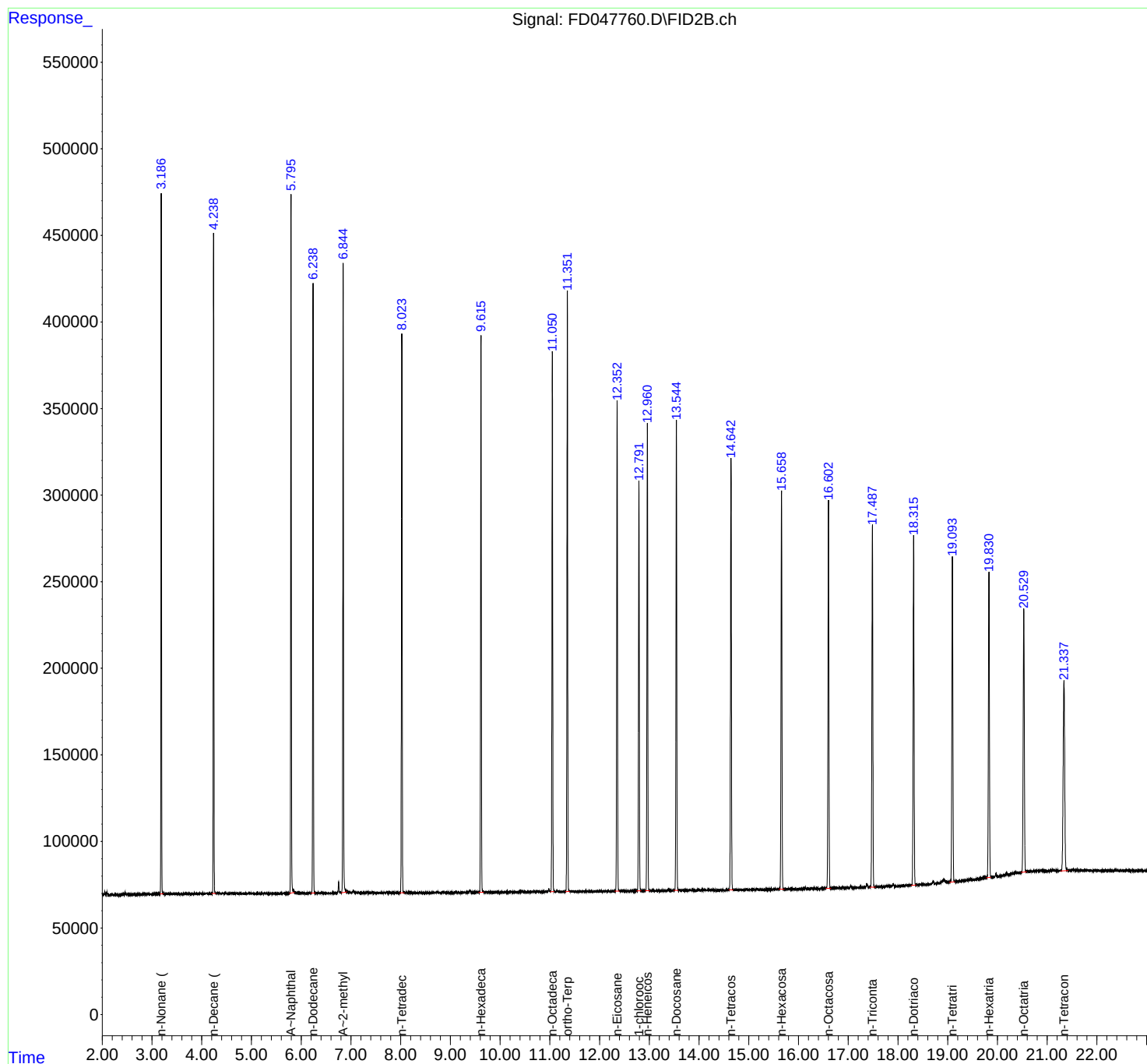
(m)=manual int.

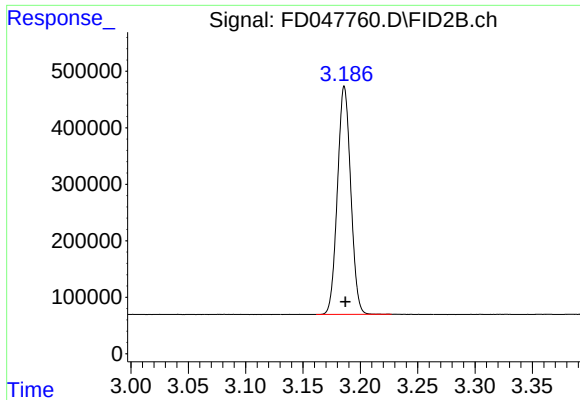
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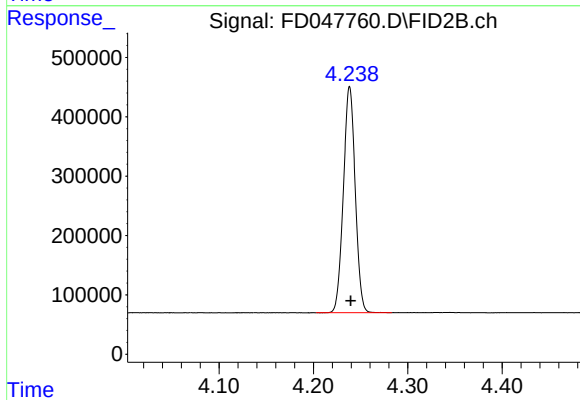




#1 n-Nonane (C9)

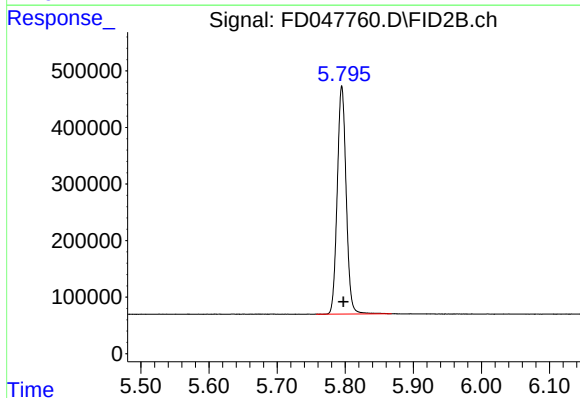
R.T.: 3.186 min
Delta R.T.: 0.000 min
Response: 3260914
Conc: 16.94 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



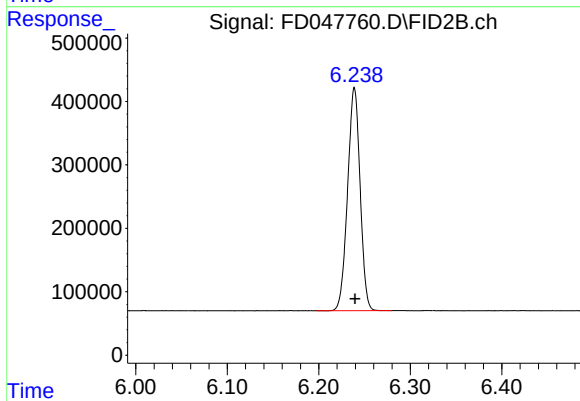
#2 n-Decane (C10)

R.T.: 4.238 min
Delta R.T.: -0.001 min
Response: 3326887
Conc: 16.80 ug/ml



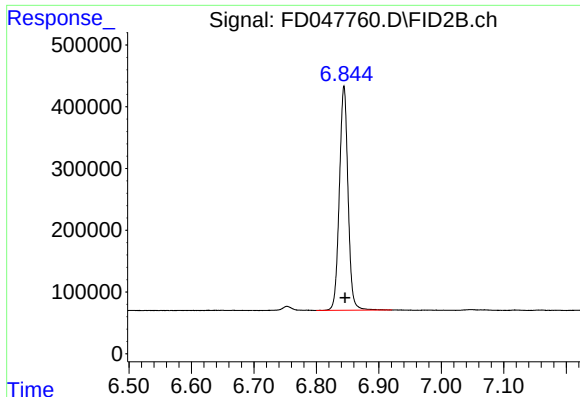
#3 A~Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 3673802
Conc: 16.87 ug/ml



#4 n-Dodecane (C12)

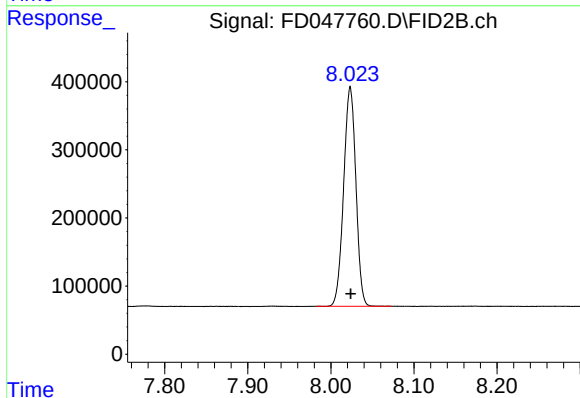
R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 3342140
Conc: 16.83 ug/ml



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

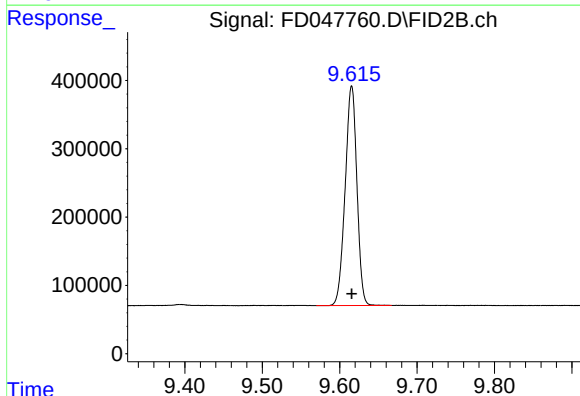
R.T.: 6.844 min
Delta R.T.: -0.002 min
Response: 3501102
Conc: 16.69 ug/ml

Instrument :
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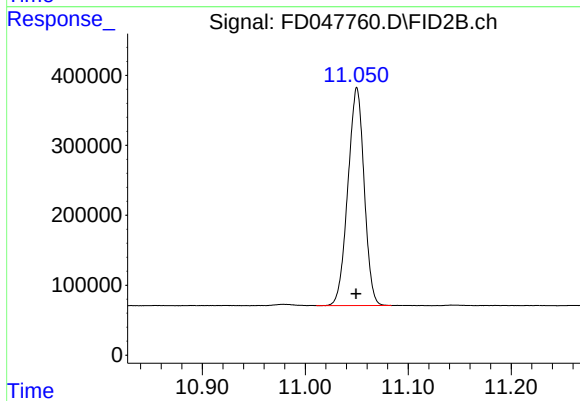
#6 n-Tetradecane (C14)

R.T.: 8.023 min
Delta R.T.: 0.000 min
Response: 3297004
Conc: 16.88 ug/ml



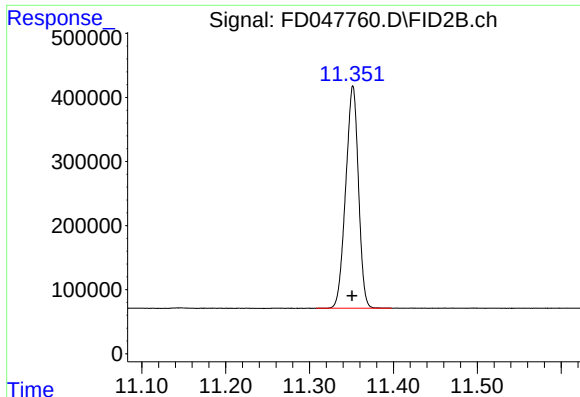
#7 n-Hexadecane (C16)

R.T.: 9.616 min
Delta R.T.: 0.000 min
Response: 3390662
Conc: 16.89 ug/ml



#8 n-Octadecane (C18)

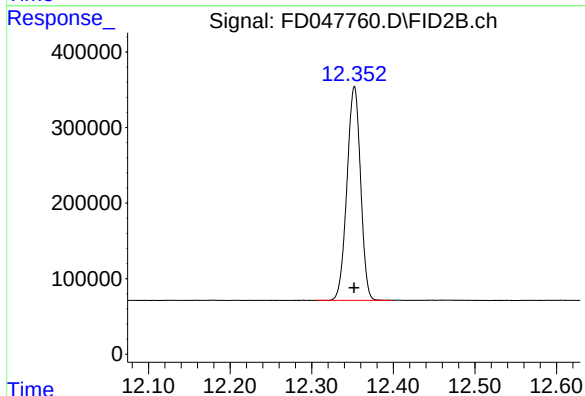
R.T.: 11.050 min
Delta R.T.: 0.000 min
Response: 3426755
Conc: 16.87 ug/ml



#9 ortho-Terphenyl (SURR)

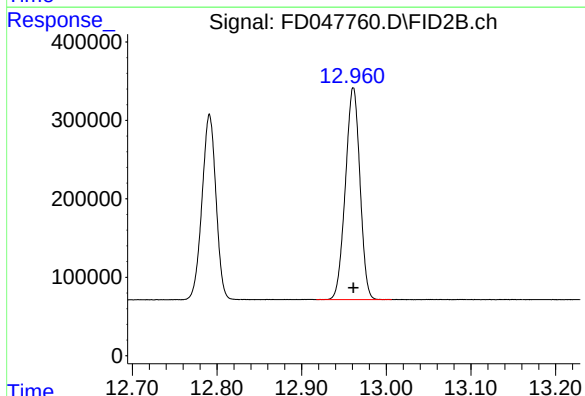
R.T.: 11.352 min
Delta R.T.: 0.001 min
Response: 3664721
Conc: 16.79 ug/ml

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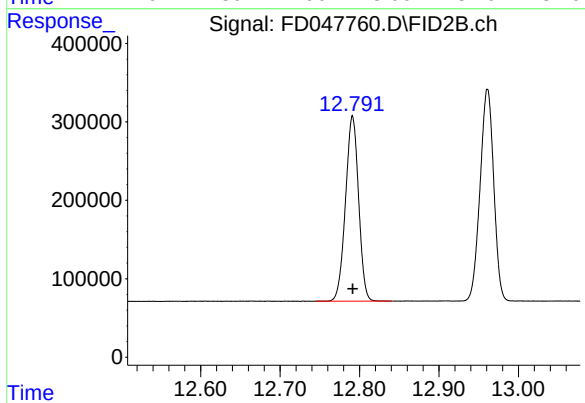
#10 n-Eicosane (C20)

R.T.: 12.352 min
Delta R.T.: 0.000 min
Response: 3283997
Conc: 16.82 ug/ml



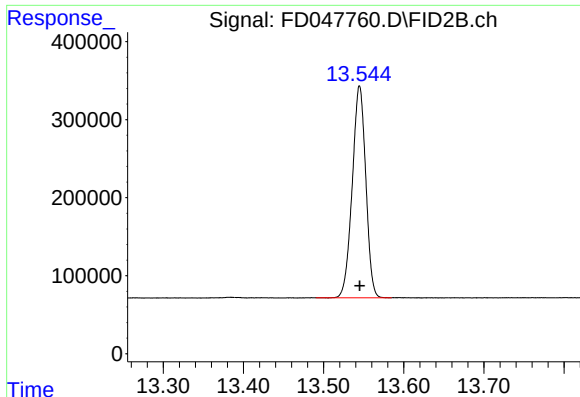
#11 n-Heneicosane (C21)

R.T.: 12.961 min
Delta R.T.: 0.000 min
Response: 3225119
Conc: 16.77 ug/ml



#12 1-chlorooctadecane (SURR)

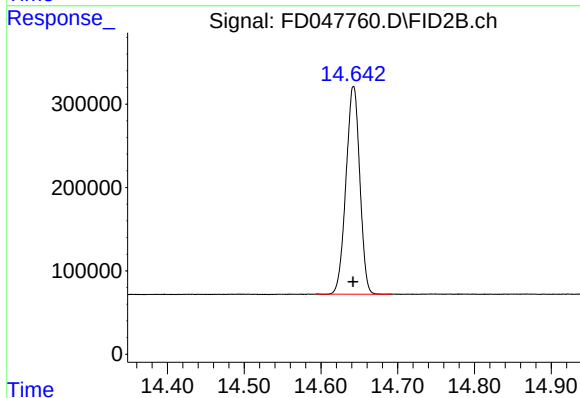
R.T.: 12.791 min
Delta R.T.: 0.000 min
Response: 2702573
Conc: 16.58 ug/ml



#13 n-Docosane (C22)

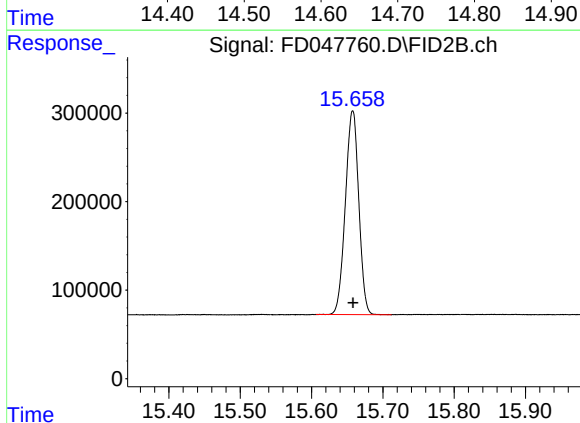
R.T.: 13.545 min
Delta R.T.: 0.000 min
Response: 3187651
Conc: 16.75 ug/ml

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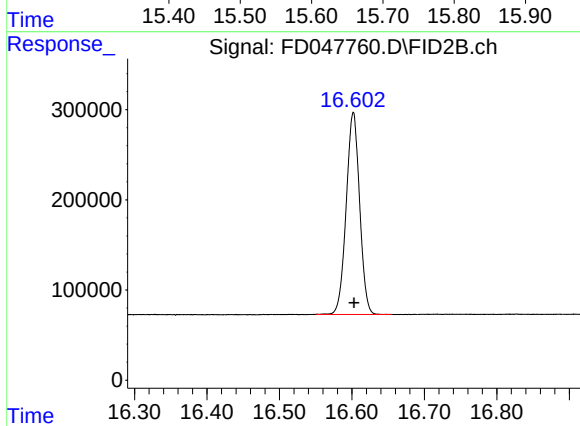
#14 n-Tetracosane (C24)

R.T.: 14.642 min
Delta R.T.: 0.000 min
Response: 3119505
Conc: 16.59 ug/ml



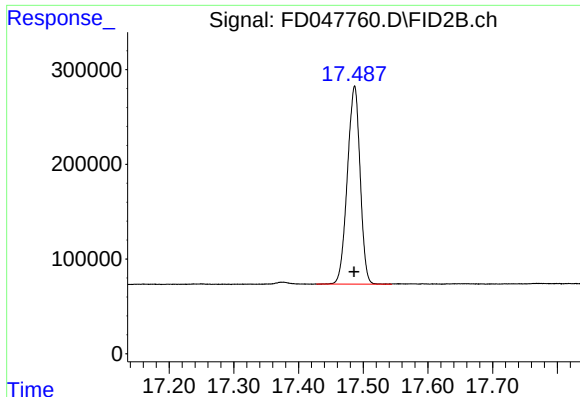
#15 n-Hexacosane (C26)

R.T.: 15.658 min
Delta R.T.: 0.000 min
Response: 3009443
Conc: 16.61 ug/ml



#16 n-Octacosane (C28)

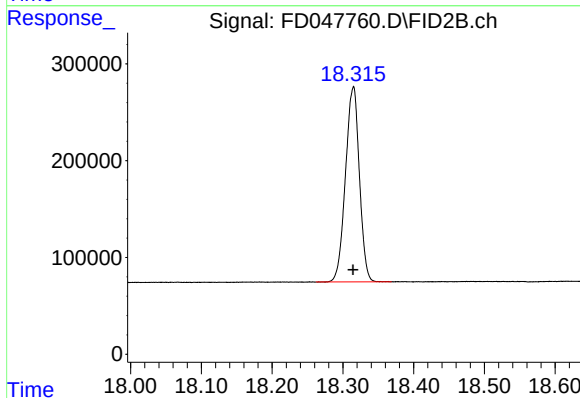
R.T.: 16.602 min
Delta R.T.: -0.001 min
Response: 2884990
Conc: 16.55 ug/ml



#17 n-Tricontane (C30)

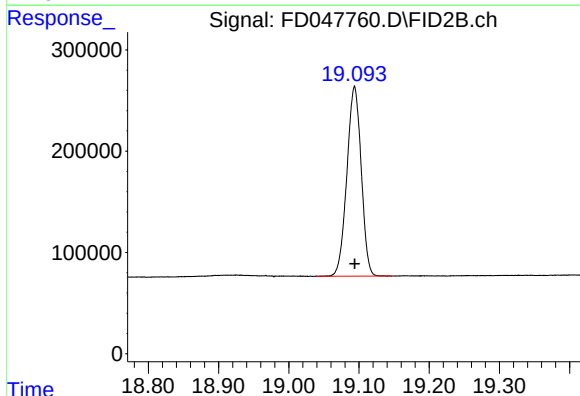
R.T.: 17.487 min
Delta R.T.: 0.000 min
Response: 2864946
Conc: 16.42 ug/ml

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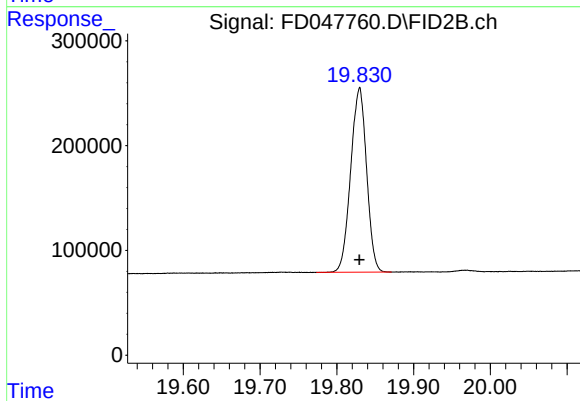
#18 n-Dotriacontane (C32)

R.T.: 18.315 min
Delta R.T.: 0.000 min
Response: 2754961
Conc: 16.18 ug/ml



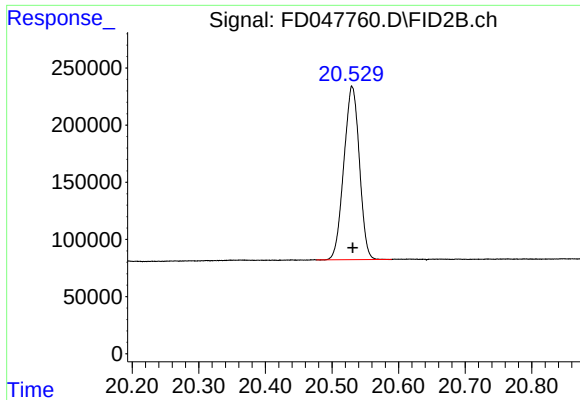
#19 n-Tetratriacontane (C34)

R.T.: 19.094 min
Delta R.T.: 0.000 min
Response: 2655391
Conc: 16.47 ug/ml



#20 n-Hexatriacontane (C36)

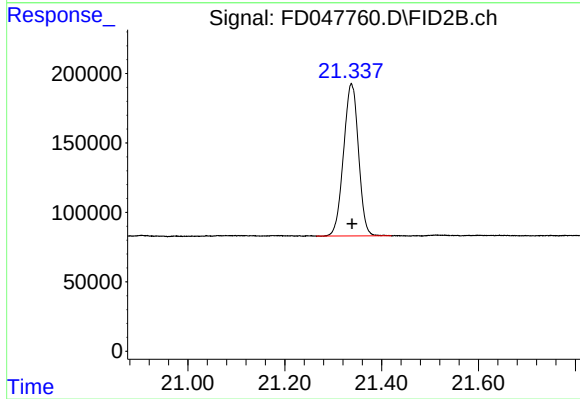
R.T.: 19.830 min
Delta R.T.: 0.000 min
Response: 2535412
Conc: 16.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.530 min
Delta R.T.: 0.000 min
Response: 2457803
Conc: 16.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.338 min
Delta R.T.: -0.001 min
Response: 2344044
Conc: 16.53 ug/ml