

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101023AL\
 Data File : FD046708.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2023 08:55
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 11 00:23:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 05:12:31 2023
 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)	11.381	4490389	21.097 ug/ml
Spiked Amount 50.000		Recovery =	42.19%
12) S 1-chlorooctadecane (S...	12.815	3354017	21.285 ug/ml
Spiked Amount 50.000		Recovery =	42.57%
Target Compounds			
1) T n-Nonane (C9)	3.214	3414487	20.648 ug/ml
2) T n-Decane (C10)	4.267	3455073	20.496 ug/ml
3) T A~Naphthalene (C11.7)	5.827	3827516	20.493 ug/ml
4) T n-Dodecane (C12)	6.269	3504753	20.633 ug/ml
5) T A~2-methylnaphthalene...	6.875	3789702	20.972 ug/ml
6) T n-Tetradecane (C14)	8.053	3491755	20.635 ug/ml
7) T n-Hexadecane (C16)	9.644	3604757	20.404 ug/ml
8) T n-Octadecane (C18)	11.077	3707087	20.220 ug/ml
10) T n-Eicosane (C20)	12.377	3680853	20.359 ug/ml
11) T n-Heneicosane (C21)	12.985	3700587	20.580 ug/ml
13) T n-Docosane (C22)	13.566	3685628	20.405 ug/ml
14) T n-Tetracosane (C24)	14.662	3705889	20.217 ug/ml
15) T n-Hexacosane (C26)	15.674	3599641	20.118 ug/ml
16) T n-Octacosane (C28)	16.616	3472363	20.118 ug/ml
17) T n-Tricontane (C30)	17.497	3411300	19.840 ug/ml
18) T n-Dotriacontane (C32)	18.321	3272209	20.009 ug/ml
19) T n-Tetratriacontane (C34)	19.099	3067782	19.684 ug/ml
20) T n-Hexatriacontane (C36)	19.832	2917636	20.751 ug/ml
21) T n-Octatriacontane (C38)	20.530	2771833	20.701 ug/ml
22) T n-Tetracontane (C40)	21.344	2672087	21.138 ug/ml

(f)=RT Delta > 1/2 Window

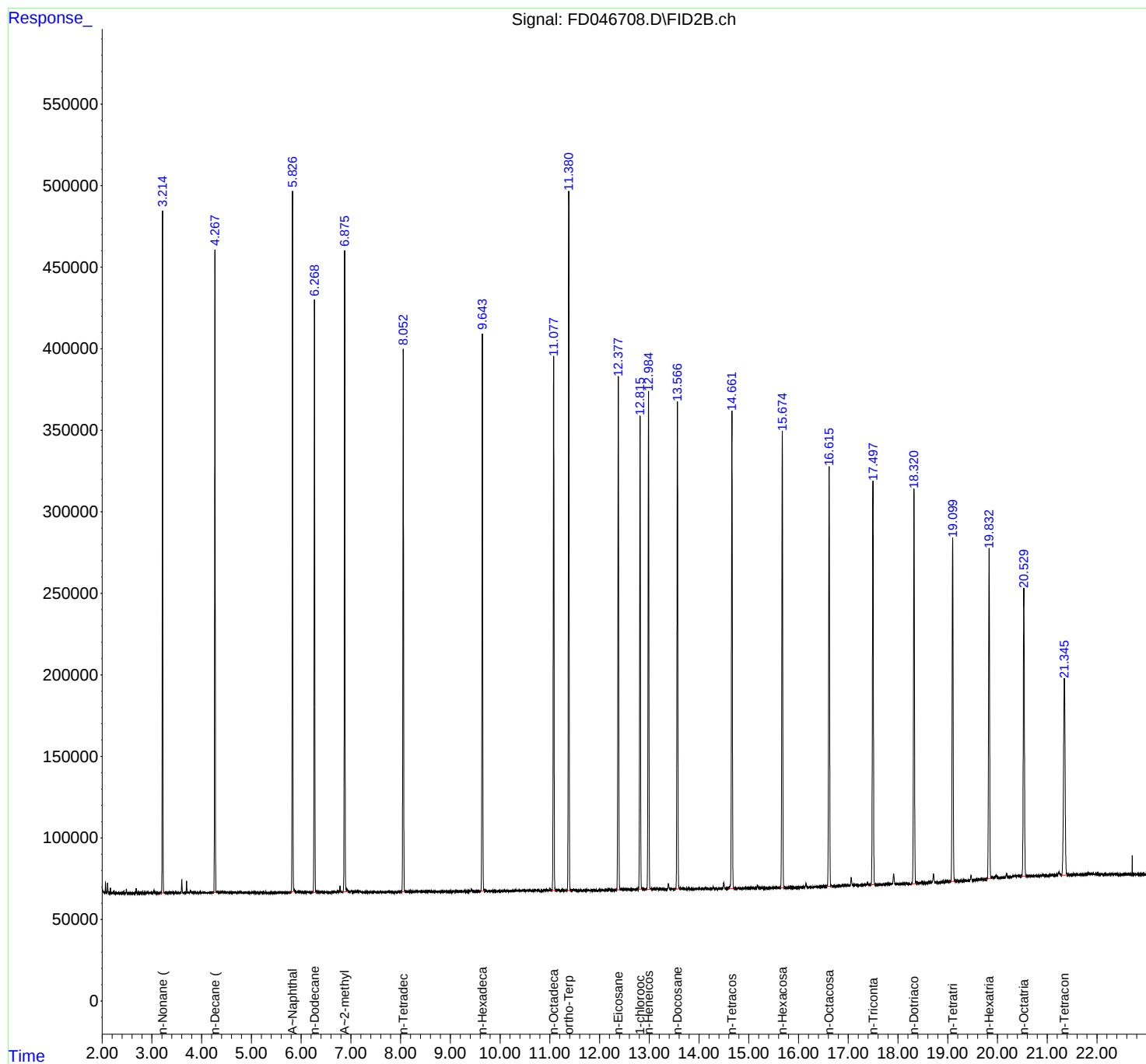
(m)=manual int.

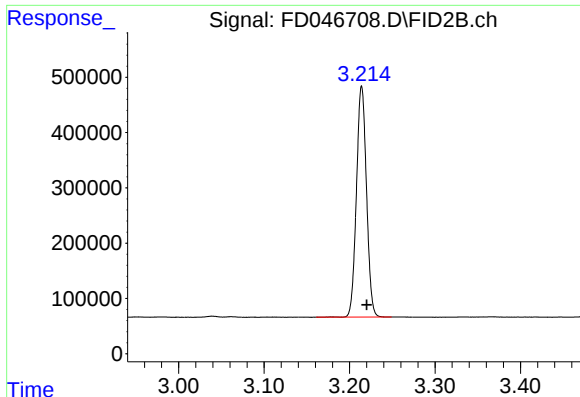
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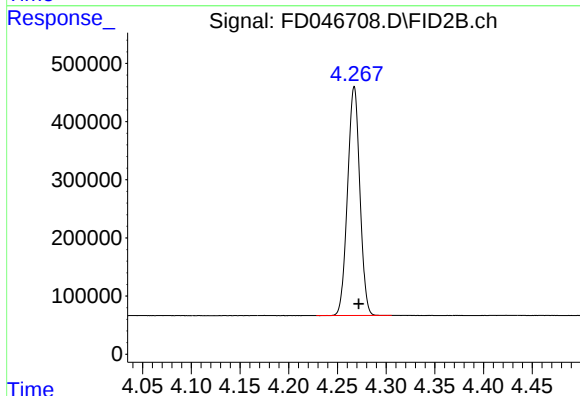




#1 n-Nonane (C9)

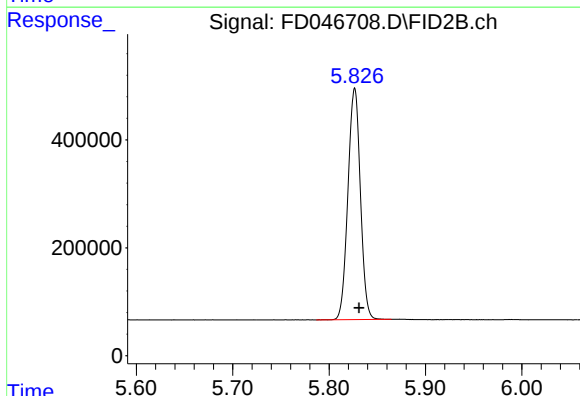
R.T.: 3.214 min
Delta R.T.: -0.006 min
Response: 3414487
Conc: 20.65 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



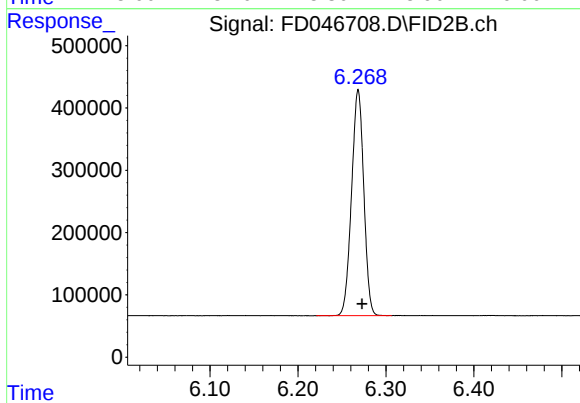
#2 n-Decane (C10)

R.T.: 4.267 min
Delta R.T.: -0.005 min
Response: 3455073
Conc: 20.50 ug/ml



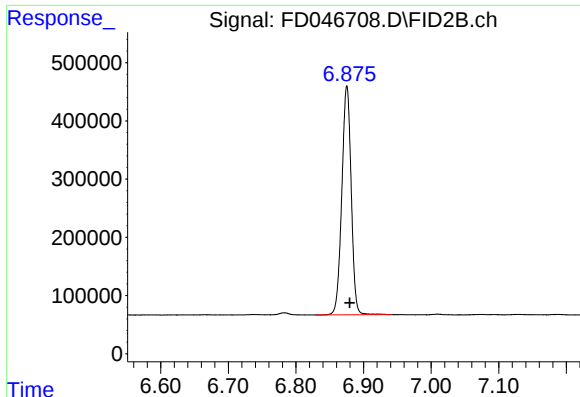
#3 A~Naphthalene (C11.7)

R.T.: 5.827 min
Delta R.T.: -0.005 min
Response: 3827516
Conc: 20.49 ug/ml



#4 n-Dodecane (C12)

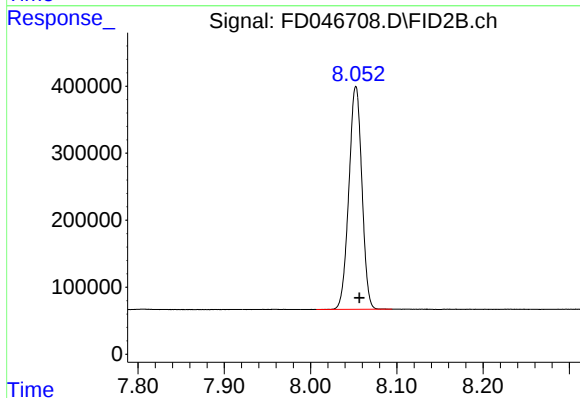
R.T.: 6.269 min
Delta R.T.: -0.004 min
Response: 3504753
Conc: 20.63 ug/ml



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

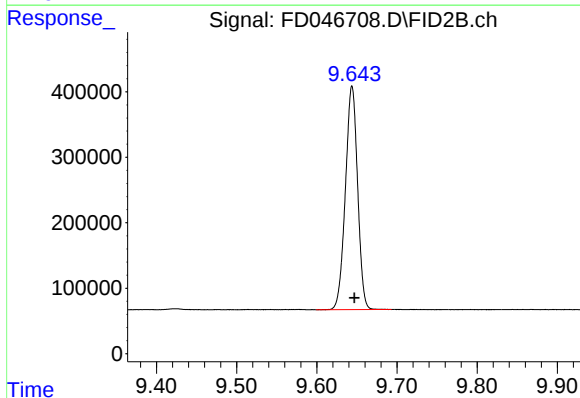
R.T.: 6.875 min
Delta R.T.: -0.004 min
Response: 3789702
Conc: 20.97 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



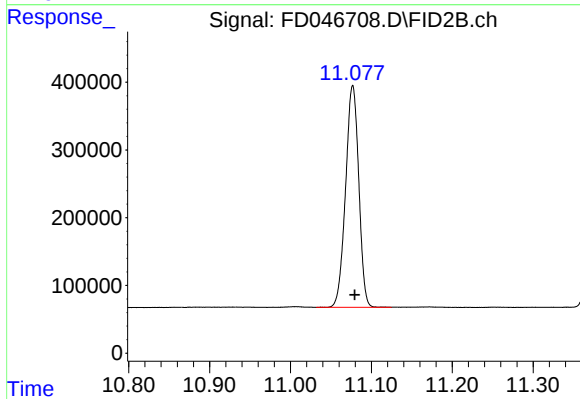
#6 n-Tetradecane (C14)

R.T.: 8.053 min
Delta R.T.: -0.004 min
Response: 3491755
Conc: 20.64 ug/ml



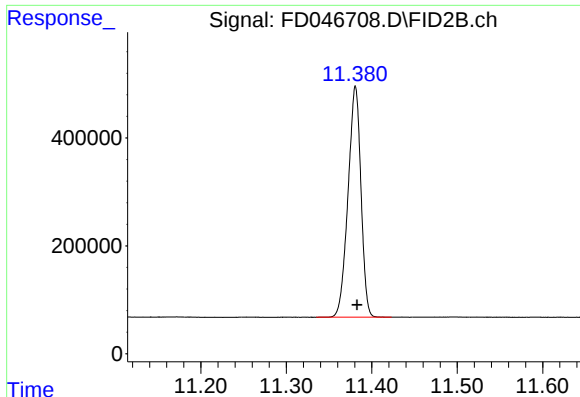
#7 n-Hexadecane (C16)

R.T.: 9.644 min
Delta R.T.: -0.003 min
Response: 3604757
Conc: 20.40 ug/ml



#8 n-Octadecane (C18)

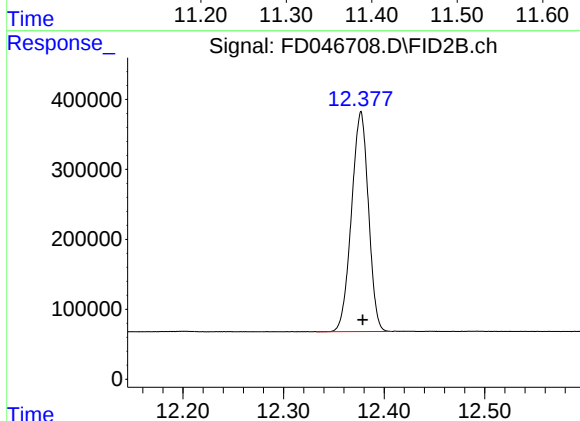
R.T.: 11.077 min
Delta R.T.: -0.003 min
Response: 3707087
Conc: 20.22 ug/ml



#9 ortho-Terphenyl (SURR)

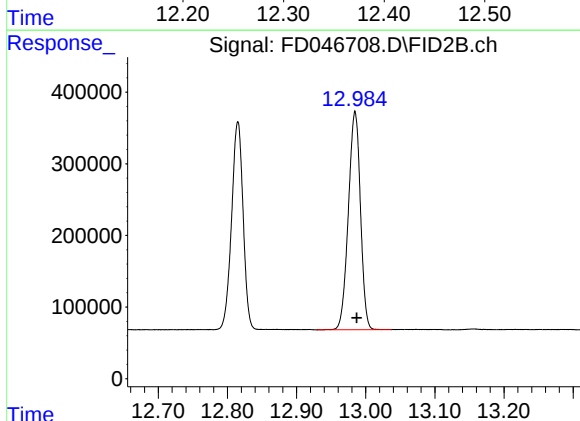
R.T.: 11.381 min
Delta R.T.: -0.002 min
Response: 4490389
Conc: 21.10 ug/ml

Instrument :
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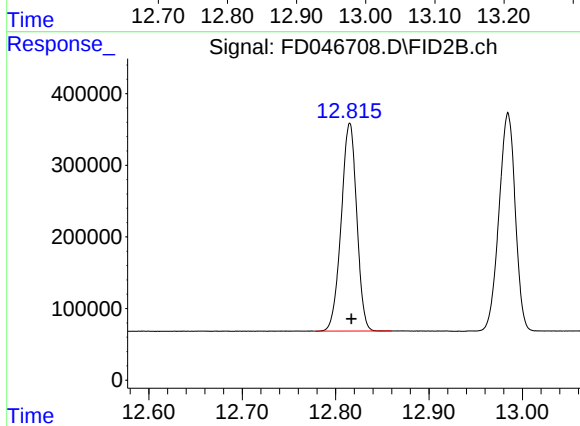
#10 n-Eicosane (C20)

R.T.: 12.377 min
Delta R.T.: -0.002 min
Response: 3680853
Conc: 20.36 ug/ml



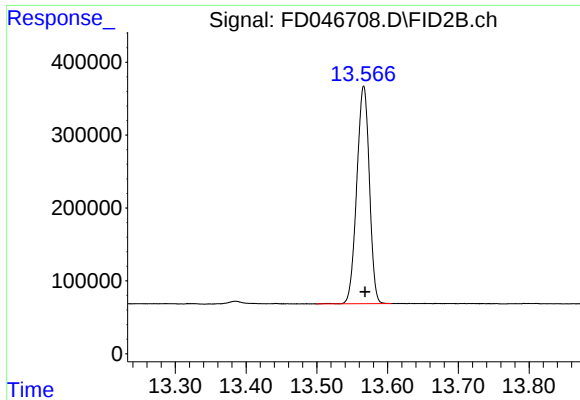
#11 n-Heneicosane (C21)

R.T.: 12.985 min
Delta R.T.: -0.002 min
Response: 3700587
Conc: 20.58 ug/ml



#12 1-chlorooctadecane (SURR)

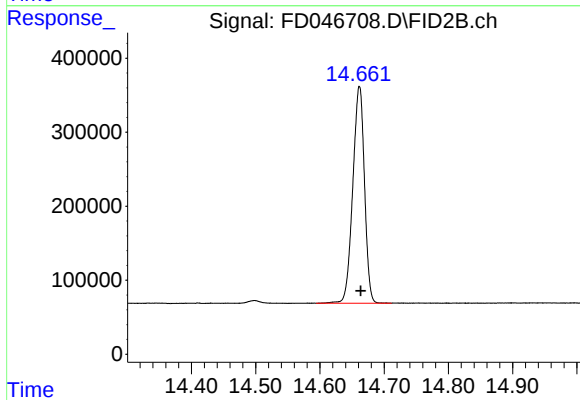
R.T.: 12.815 min
Delta R.T.: -0.002 min
Response: 3354017
Conc: 21.29 ug/ml



#13 n-Docosane (C22)

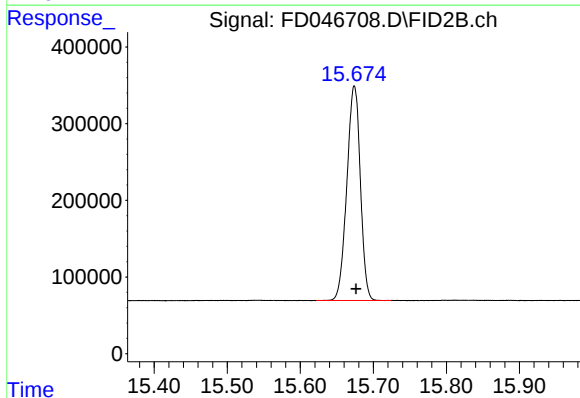
R.T.: 13.566 min
Delta R.T.: -0.002 min
Response: 3685628
Conc: 20.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



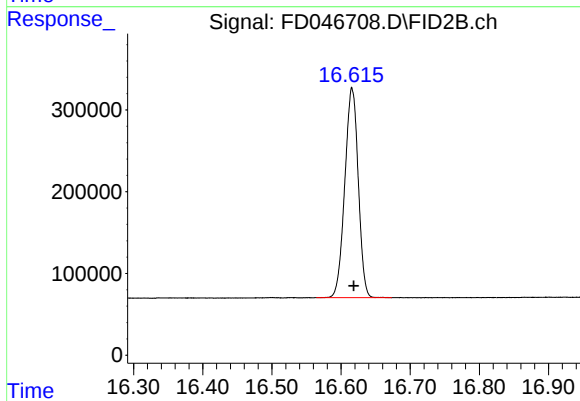
#14 n-Tetracosane (C24)

R.T.: 14.662 min
Delta R.T.: -0.002 min
Response: 3705889
Conc: 20.22 ug/ml



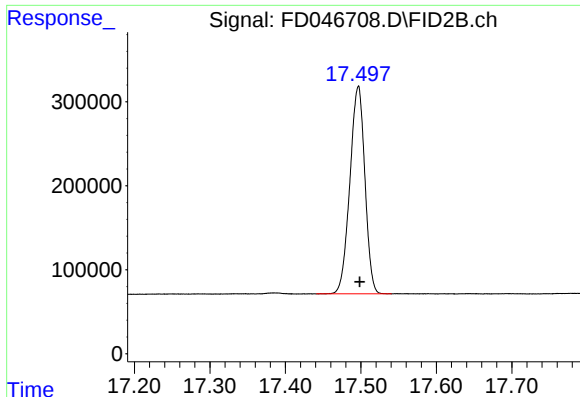
#15 n-Hexacosane (C26)

R.T.: 15.674 min
Delta R.T.: -0.002 min
Response: 3599641
Conc: 20.12 ug/ml



#16 n-Octacosane (C28)

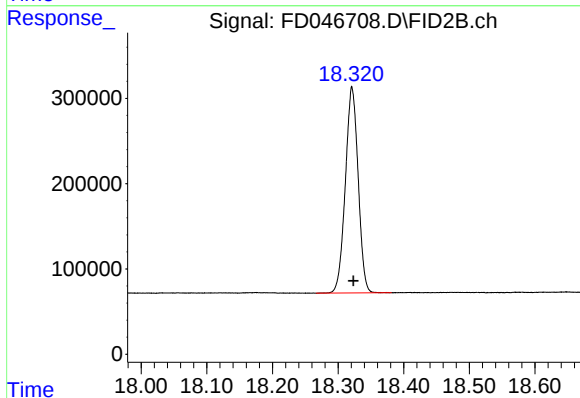
R.T.: 16.616 min
Delta R.T.: -0.002 min
Response: 3472363
Conc: 20.12 ug/ml



#17 n-Tricontane (C30)

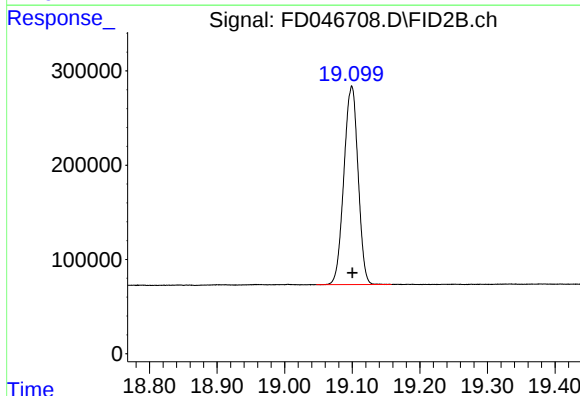
R.T.: 17.497 min
Delta R.T.: -0.002 min
Response: 3411300
Conc: 19.84 ug/ml

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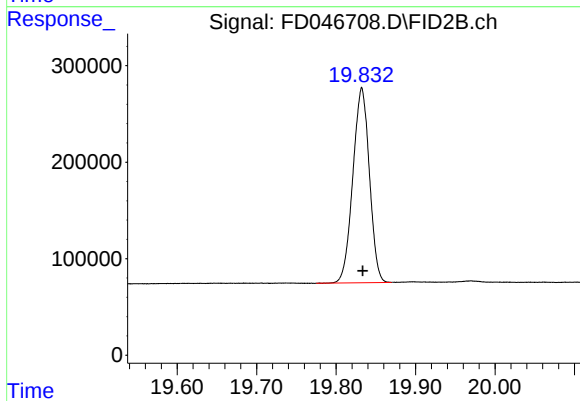
#18 n-Dotriacontane (C32)

R.T.: 18.321 min
Delta R.T.: -0.002 min
Response: 3272209
Conc: 20.01 ug/ml



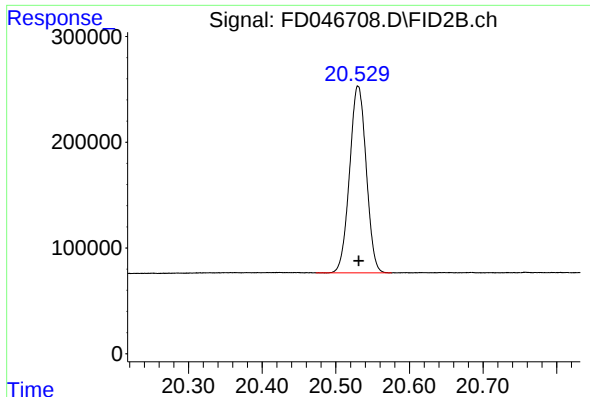
#19 n-Tetratriacontane (C34)

R.T.: 19.099 min
Delta R.T.: 0.000 min
Response: 3067782
Conc: 19.68 ug/ml



#20 n-Hexatriacontane (C36)

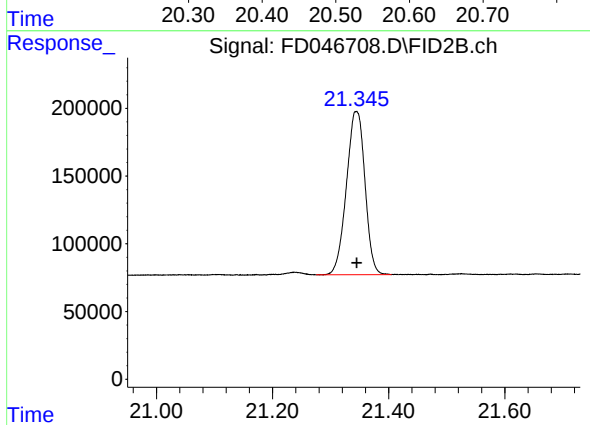
R.T.: 19.832 min
Delta R.T.: -0.001 min
Response: 2917636
Conc: 20.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.530 min
Delta R.T.: 0.000 min
Response: 2771833
Conc: 20.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.344 min
Delta R.T.: 0.000 min
Response: 2672087
Conc: 21.14 ug/ml