

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
 Data File : FD047747.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 20:51
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 14 03:31:04 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)	11.351	4478616	20.524 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
12) S 1-chlorooctadecane (S...	12.790	3358246	20.609 ug/ml
Spiked Amount 50.000		Recovery =	41.22%
Target Compounds			
1) T n-Nonane (C9)	3.186	3919765	20.358 ug/ml
2) T n-Decane (C10)	4.239	4035749	20.385 ug/ml
3) T A~Naphthalene (C11.7)	5.796	4492483	20.629 ug/ml
4) T n-Dodecane (C12)	6.240	4064525	20.466 ug/ml
5) T A~2-methylnaphthalene...	6.845	4323102	20.609 ug/ml
6) T n-Tetradecane (C14)	8.024	4015026	20.557 ug/ml
7) T n-Hexadecane (C16)	9.616	4137436	20.616 ug/ml
8) T n-Octadecane (C18)	11.050	4175901	20.562 ug/ml
10) T n-Eicosane (C20)	12.352	4016508	20.574 ug/ml
11) T n-Heneicosane (C21)	12.960	3940218	20.484 ug/ml
13) T n-Docosane (C22)	13.544	3920911	20.605 ug/ml
14) T n-Tetracosane (C24)	14.641	3846411	20.458 ug/ml
15) T n-Hexacosane (C26)	15.657	3727217	20.576 ug/ml
16) T n-Octacosane (C28)	16.602	3596878	20.638 ug/ml
17) T n-Tricontane (C30)	17.484	3627962	20.790 ug/ml
18) T n-Dotriacontane (C32)	18.313	3530946	20.738 ug/ml
19) T n-Tetratriacontane (C34)	19.091	3369423	20.893 ug/ml
20) T n-Hexatriacontane (C36)	19.827	3170624	20.741 ug/ml
21) T n-Octatriacontane (C38)	20.527	3070819	20.885 ug/ml
22) T n-Tetracontane (C40)	21.334	2942578	20.748 ug/ml

(f)=RT Delta > 1/2 Window

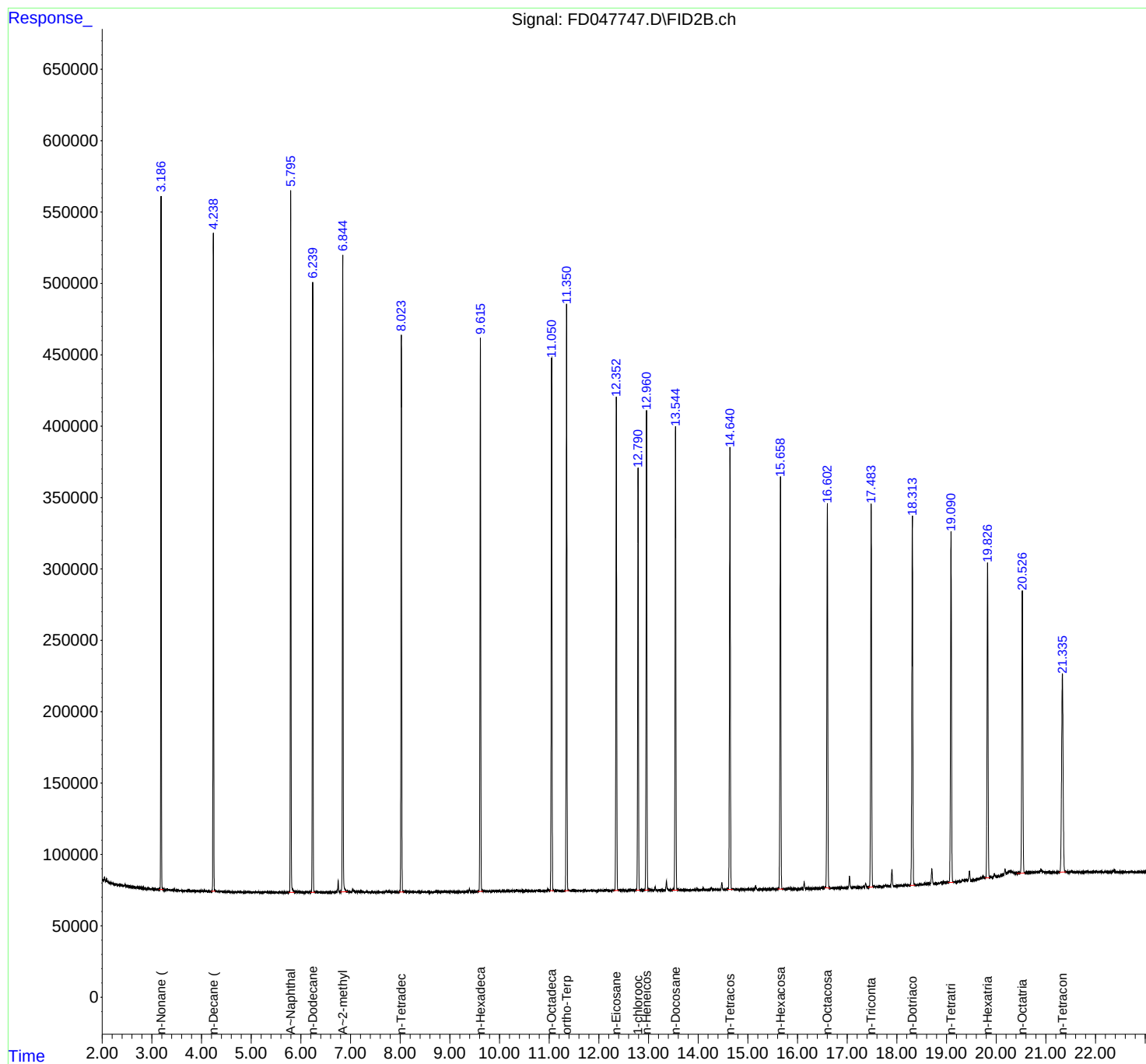
(m)=manual int.

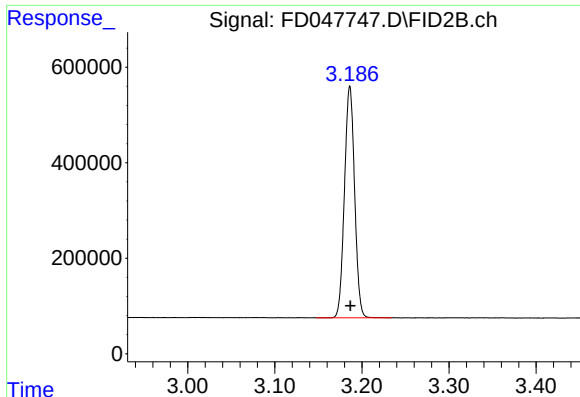
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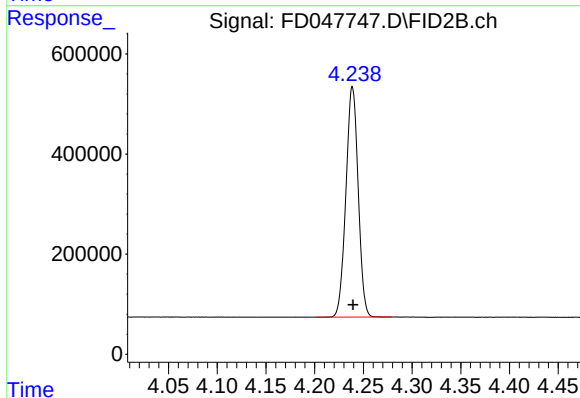




#1 n-Nonane (C9)

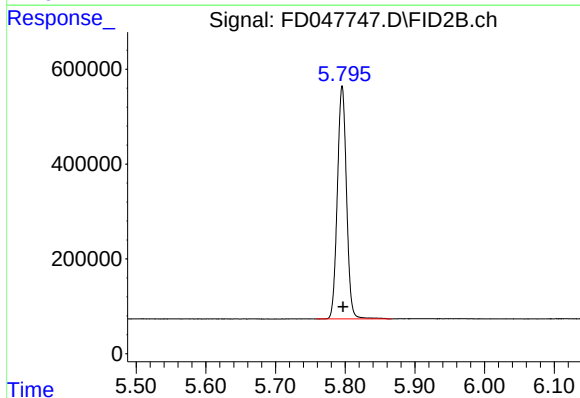
R.T.: 3.186 min
Delta R.T.: 0.000 min
Response: 3919765
Conc: 20.36 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



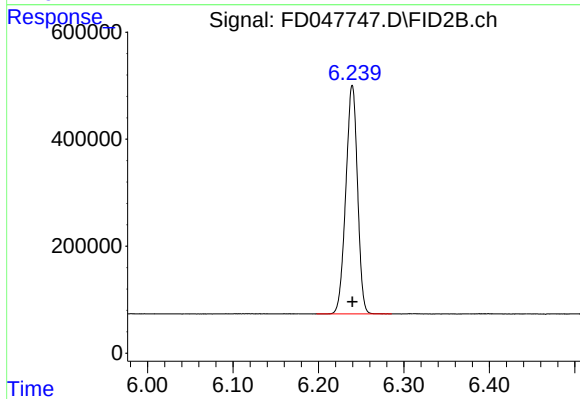
#2 n-Decane (C10)

R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 4035749
Conc: 20.38 ug/ml



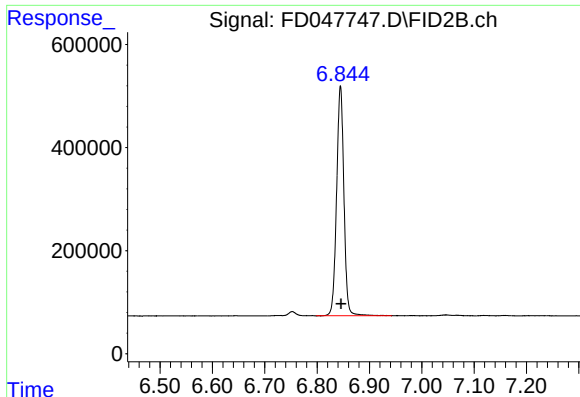
#3 A~Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: -0.001 min
Response: 4492483
Conc: 20.63 ug/ml



#4 n-Dodecane (C12)

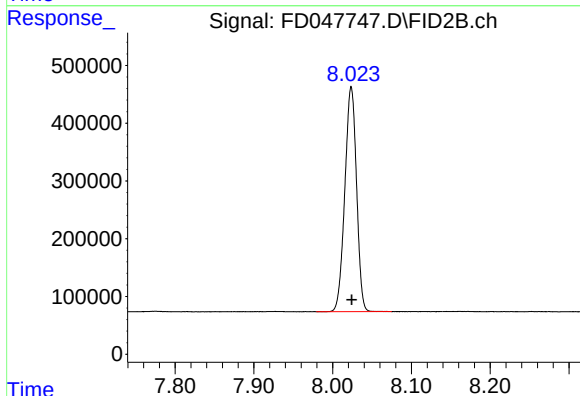
R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 4064525
Conc: 20.47 ug/ml



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

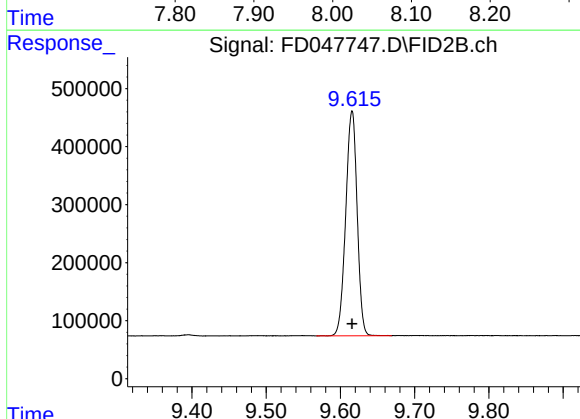
R.T.: 6.845 min
Delta R.T.: -0.001 min
Response: 4323102
Conc: 20.61 ug/ml

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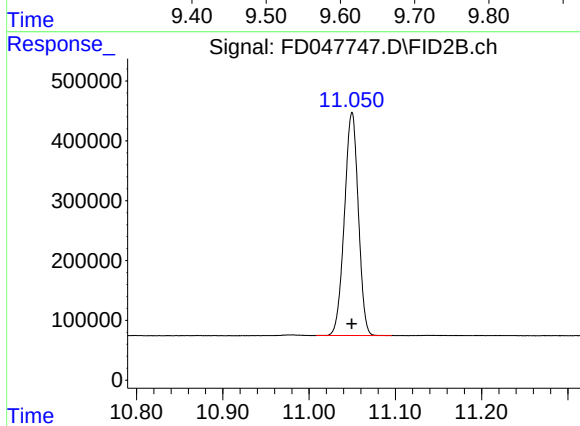
#6 n-Tetradecane (C14)

R.T.: 8.024 min
Delta R.T.: 0.000 min
Response: 4015026
Conc: 20.56 ug/ml



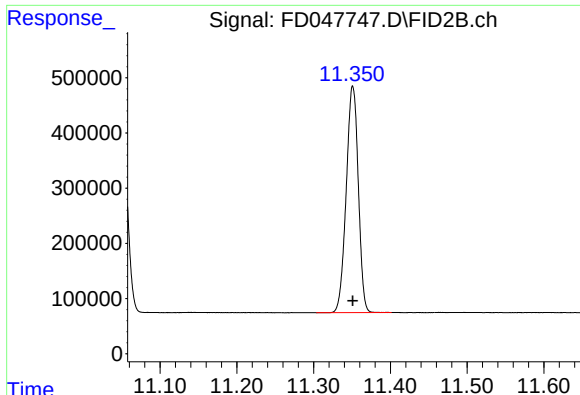
#7 n-Hexadecane (C16)

R.T.: 9.616 min
Delta R.T.: 0.000 min
Response: 4137436
Conc: 20.62 ug/ml



#8 n-Octadecane (C18)

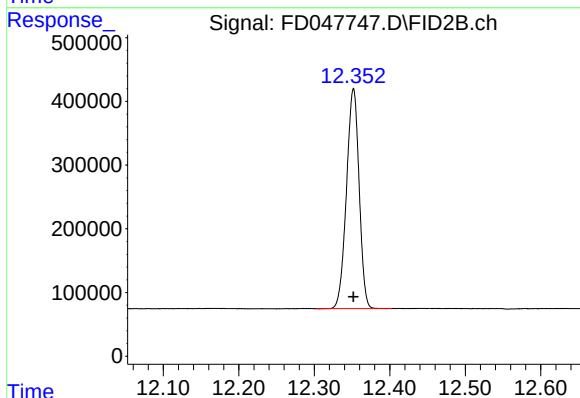
R.T.: 11.050 min
Delta R.T.: 0.000 min
Response: 4175901
Conc: 20.56 ug/ml



#9 ortho-Terphenyl (SURR)

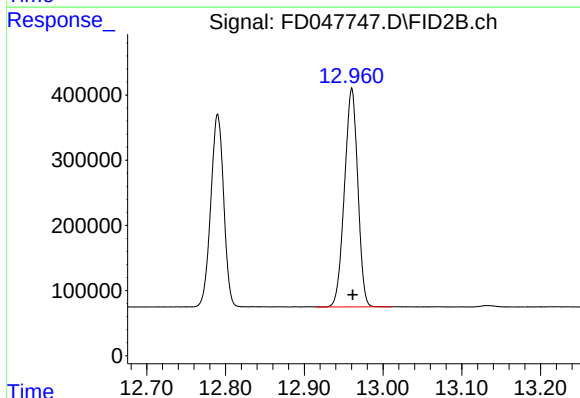
R.T.: 11.351 min
Delta R.T.: 0.000 min
Response: 4478616
Conc: 20.52 ug/ml

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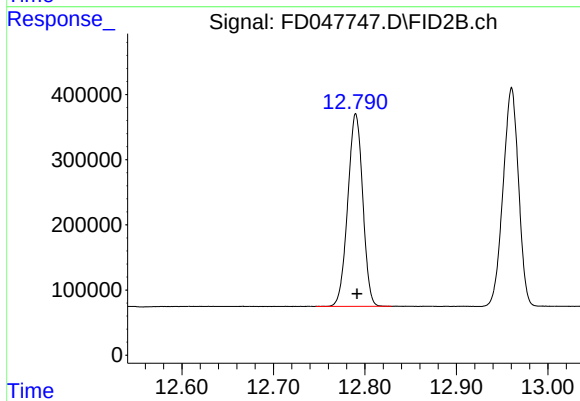
#10 n-Eicosane (C20)

R.T.: 12.352 min
Delta R.T.: 0.000 min
Response: 4016508
Conc: 20.57 ug/ml



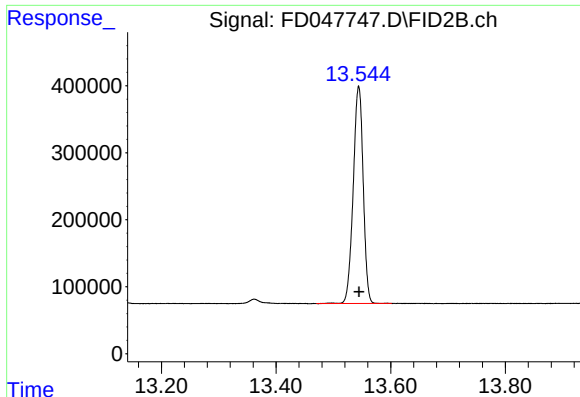
#11 n-Heneicosane (C21)

R.T.: 12.960 min
Delta R.T.: 0.000 min
Response: 3940218
Conc: 20.48 ug/ml



#12 1-chlorooctadecane (SURR)

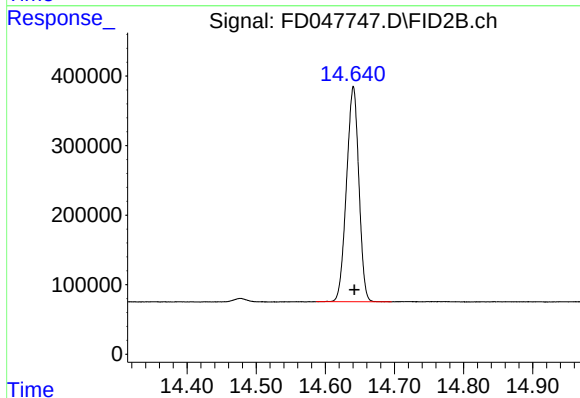
R.T.: 12.790 min
Delta R.T.: -0.001 min
Response: 3358246
Conc: 20.61 ug/ml



#13 n-Docosane (C22)

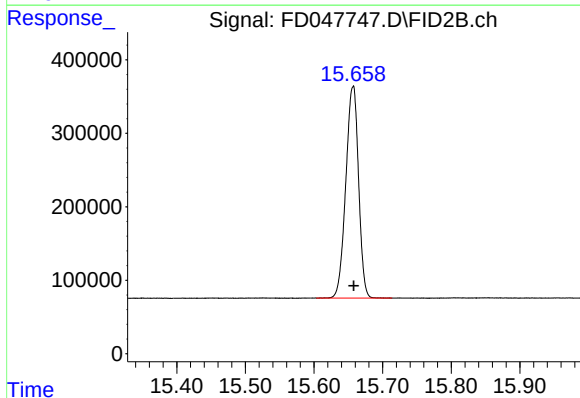
R.T.: 13.544 min
Delta R.T.: 0.000 min
Response: 3920911
Conc: 20.61 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



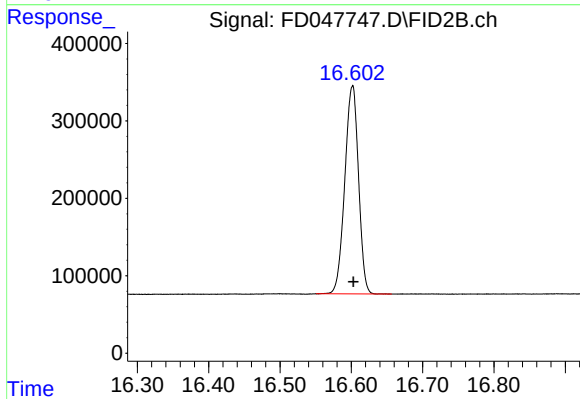
#14 n-Tetracosane (C24)

R.T.: 14.641 min
Delta R.T.: -0.001 min
Response: 3846411
Conc: 20.46 ug/ml



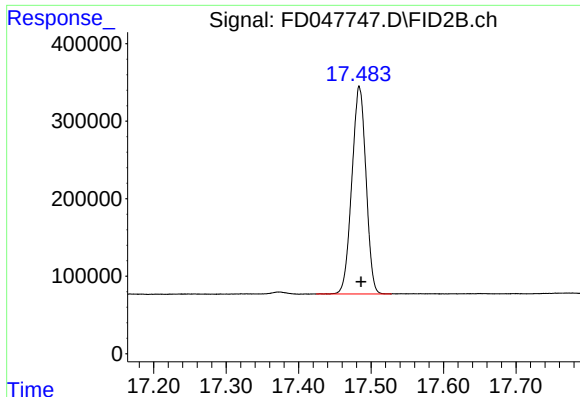
#15 n-Hexacosane (C26)

R.T.: 15.657 min
Delta R.T.: -0.001 min
Response: 3727217
Conc: 20.58 ug/ml



#16 n-Octacosane (C28)

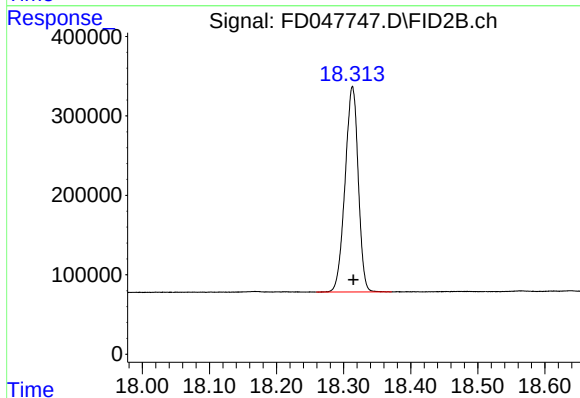
R.T.: 16.602 min
Delta R.T.: -0.001 min
Response: 3596878
Conc: 20.64 ug/ml



#17 n-Tricontane (C30)

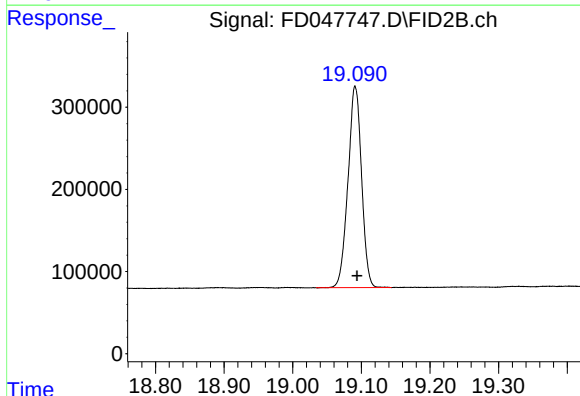
R.T.: 17.484 min
Delta R.T.: -0.002 min
Response: 3627962
Conc: 20.79 ug/ml

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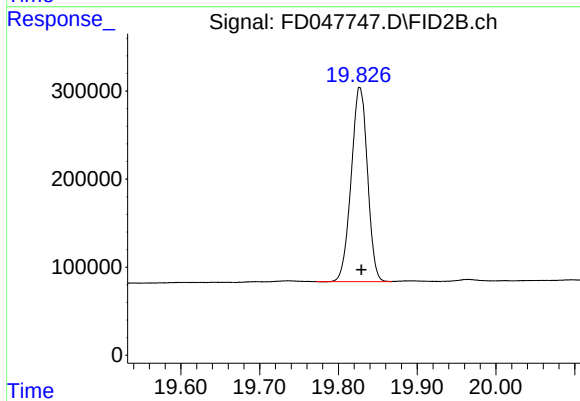
#18 n-Dotriacontane (C32)

R.T.: 18.313 min
Delta R.T.: -0.001 min
Response: 3530946
Conc: 20.74 ug/ml



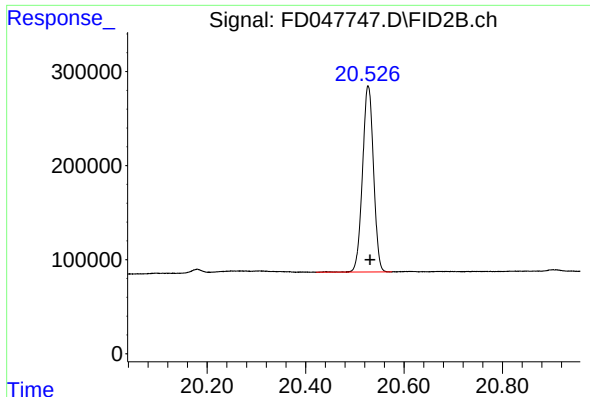
#19 n-Tetratriacontane (C34)

R.T.: 19.091 min
Delta R.T.: -0.003 min
Response: 3369423
Conc: 20.89 ug/ml



#20 n-Hexatriacontane (C36)

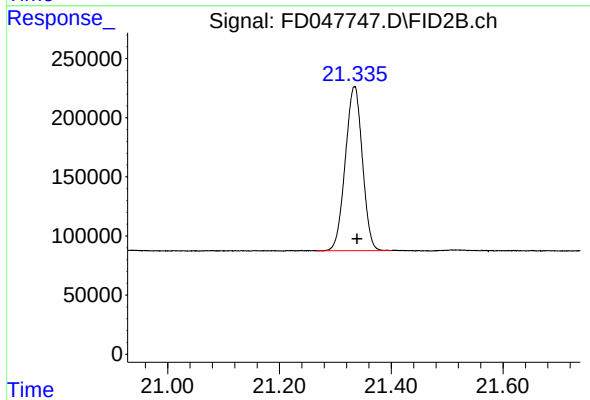
R.T.: 19.827 min
Delta R.T.: -0.002 min
Response: 3170624
Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.527 min
Delta R.T.: -0.004 min
Response: 3070819
Conc: 20.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.334 min
Delta R.T.: -0.004 min
Response: 2942578
Conc: 20.75 ug/ml