

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112123AL\
 Data File : FC065264.D
 Signal(s) : FID1A.ch
 Acq On : 21 Nov 2023 13:55
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 21 22:50:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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)	11.505	4458989	20.260 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
12) S 1-chlorooctadecane (S...	12.936	3210534	20.309 ug/ml
Spiked Amount 50.000		Recovery =	40.62%
Target Compounds			
1) T n-Nonane (C9)	3.305	3824096	20.226 ug/ml
2) T n-Decane (C10)	4.365	3887541	20.445 ug/ml
3) T A~Naphthalene (C11.7)	5.946	4036599	20.907 ug/ml
4) T n-Dodecane (C12)	6.375	3924132	20.314 ug/ml
5) T A~2-methylnaphthalene...	7.001	3705383	20.164 ug/ml
6) T n-Tetradecane (C14)	8.162	3827892	20.287 ug/ml
7) T n-Hexadecane (C16)	9.757	3831182	20.268 ug/ml
8) T n-Octadecane (C18)	11.191	3856244	20.433 ug/ml
10) T n-Eicosane (C20)	12.494	3652948	20.319 ug/ml
11) T n-Heneicosane (C21)	13.102	3564734	20.304 ug/ml
13) T n-Docosane (C22)	13.685	3485888	20.294 ug/ml
14) T n-Tetracosane (C24)	14.783	3359631	20.171 ug/ml
15) T n-Hexacosane (C26)	15.798	3221580	20.071 ug/ml
16) T n-Octacosane (C28)	16.744	3073041	19.636 ug/ml
17) T n-Tricontane (C30)	17.627	3176149	20.052 ug/ml
18) T n-Dotriacontane (C32)	18.456	3178204	20.129 ug/ml
19) T n-Tetratriacontane (C34)	19.236	3098965	20.302 ug/ml
20) T n-Hexatriacontane (C36)	19.972	3004326	19.912 ug/ml
21) T n-Octatriacontane (C38)	20.689	2943475	19.779 ug/ml
22) T n-Tetracontane (C40)	21.562	2830475	19.245 ug/ml

(f)=RT Delta > 1/2 Window

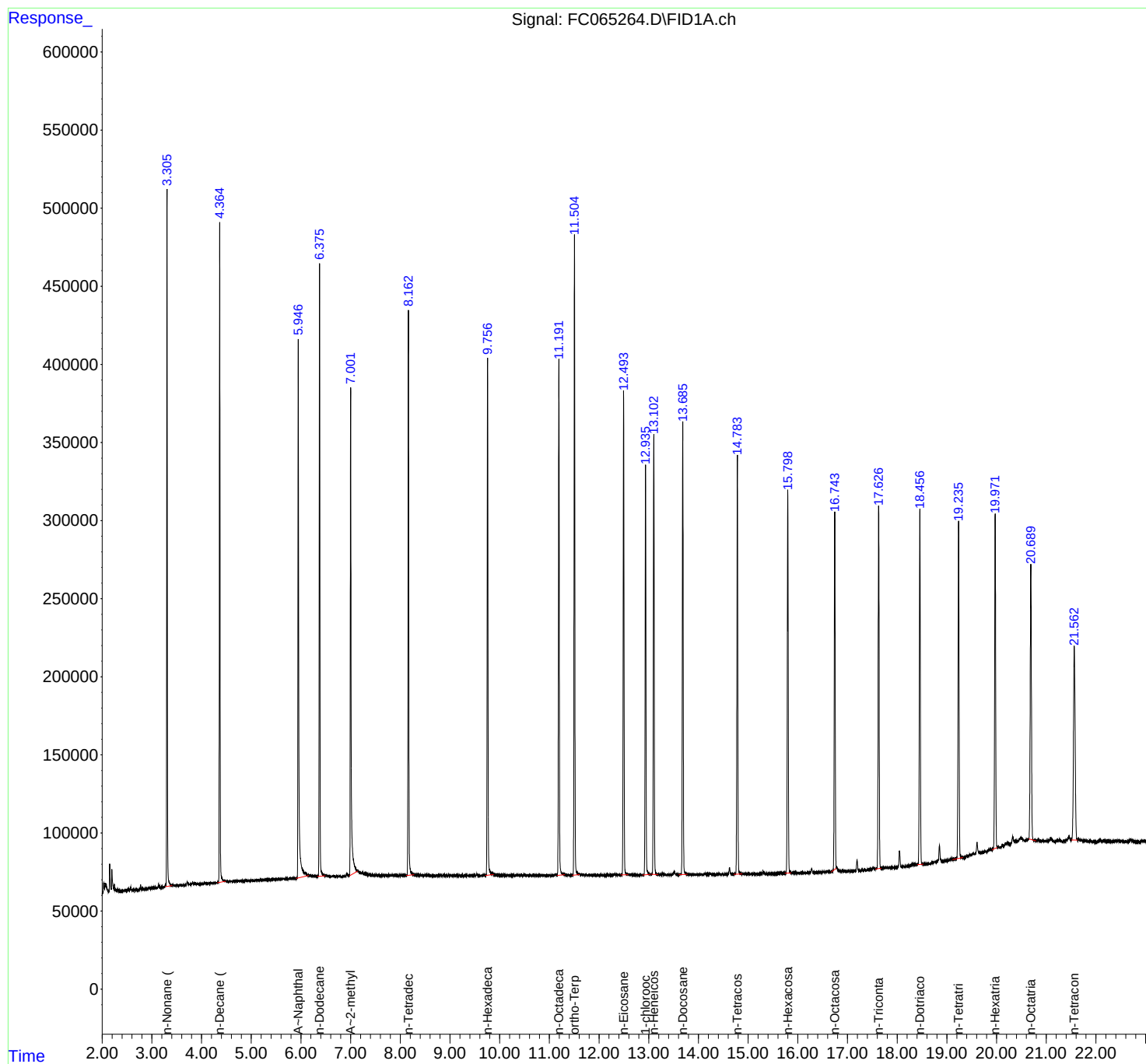
(m)=manual int.

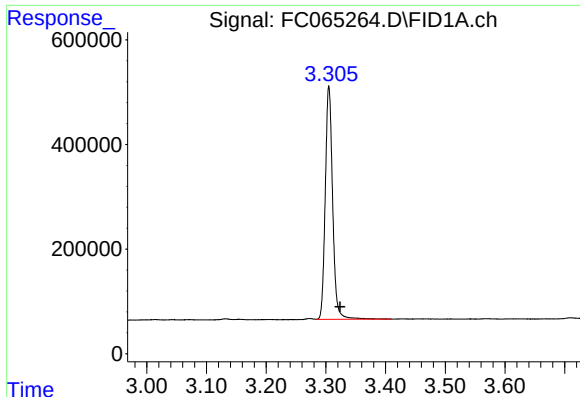
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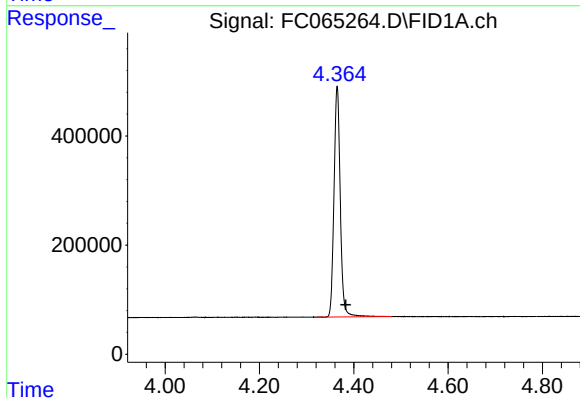




#1 n-Nonane (C9)

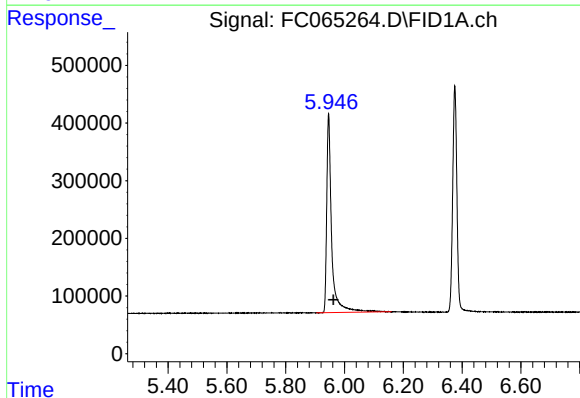
R.T.: 3.305 min
Delta R.T.: -0.019 min
Response: 3824096
Conc: 20.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



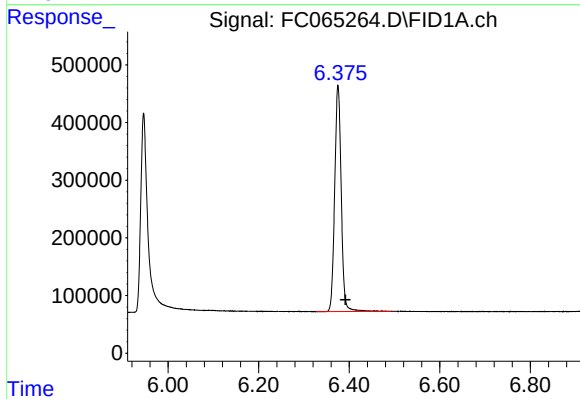
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.018 min
Response: 3887541
Conc: 20.45 ug/ml



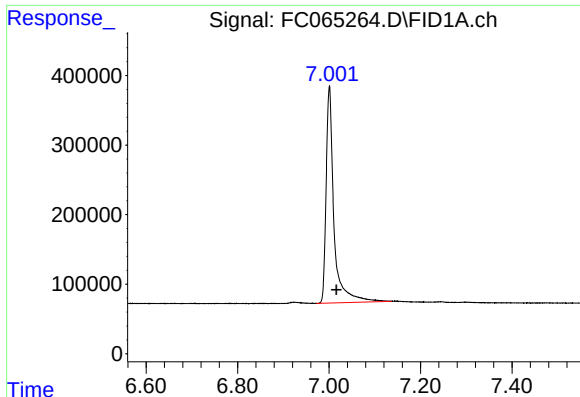
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.017 min
Response: 4036599
Conc: 20.91 ug/ml



#4 n-Dodecane (C12)

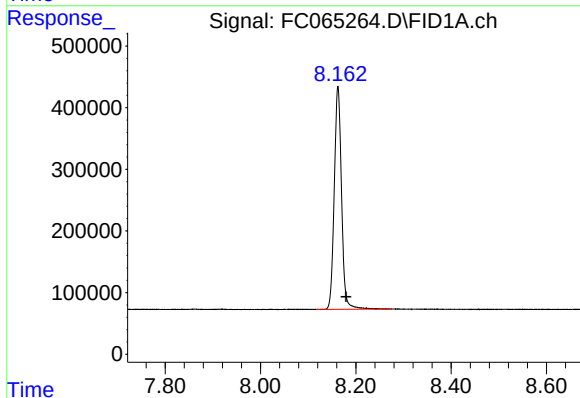
R.T.: 6.375 min
Delta R.T.: -0.016 min
Response: 3924132
Conc: 20.31 ug/ml



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

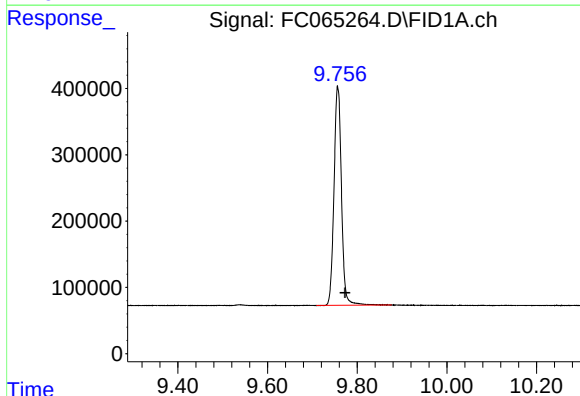
R.T.: 7.001 min
Delta R.T.: -0.015 min
Response: 3705383
Conc: 20.16 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



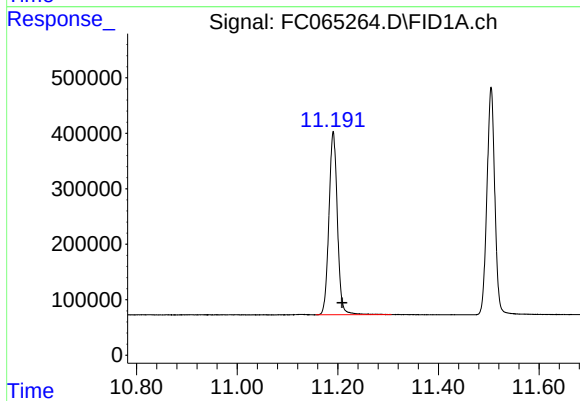
#6 n-Tetradecane (C14)

R.T.: 8.162 min
Delta R.T.: -0.017 min
Response: 3827892
Conc: 20.29 ug/ml



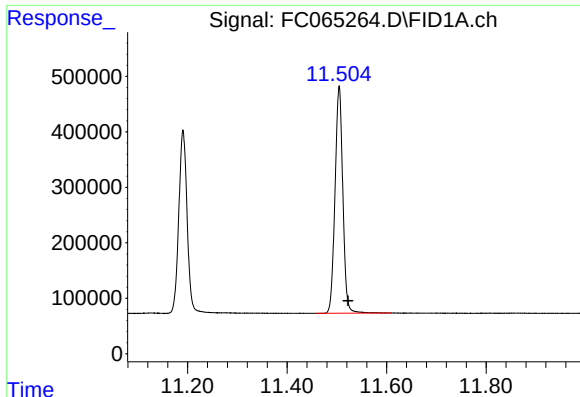
#7 n-Hexadecane (C16)

R.T.: 9.757 min
Delta R.T.: -0.016 min
Response: 3831182
Conc: 20.27 ug/ml



#8 n-Octadecane (C18)

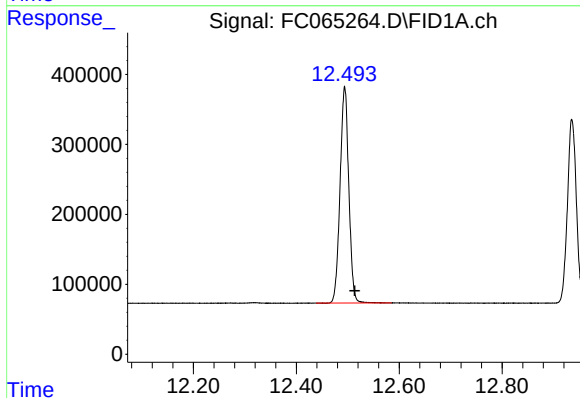
R.T.: 11.191 min
Delta R.T.: -0.018 min
Response: 3856244
Conc: 20.43 ug/ml



#9 ortho-Terphenyl (SURR)

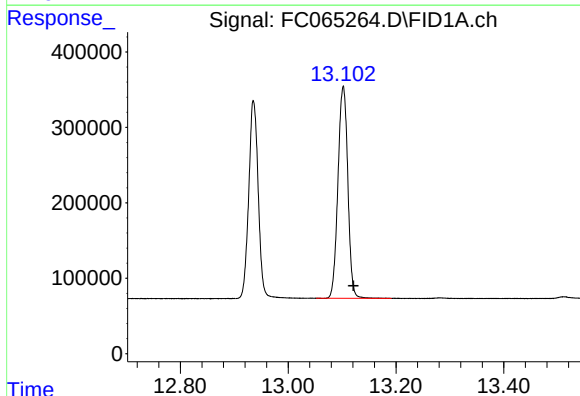
R.T.: 11.505 min
Delta R.T.: -0.018 min
Response: 4458989
Conc: 20.26 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



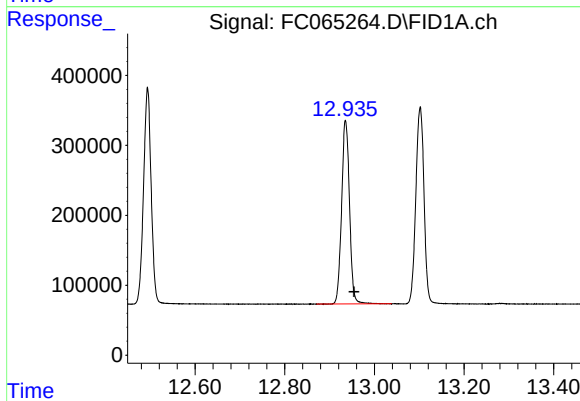
#10 n-Eicosane (C20)

R.T.: 12.494 min
Delta R.T.: -0.019 min
Response: 3652948
Conc: 20.32 ug/ml



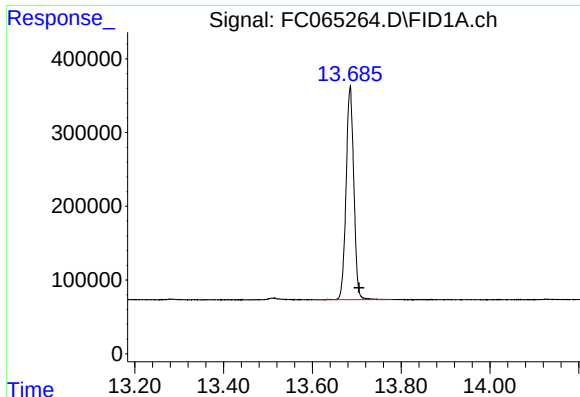
#11 n-Heneicosane (C21)

R.T.: 13.102 min
Delta R.T.: -0.019 min
Response: 3564734
Conc: 20.30 ug/ml



#12 1-chlorooctadecane (SURR)

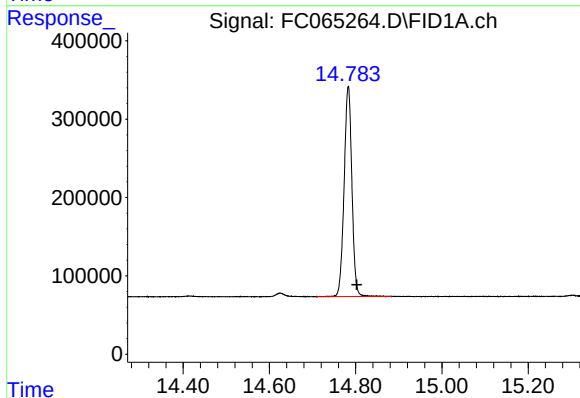
R.T.: 12.936 min
Delta R.T.: -0.019 min
Response: 3210534
Conc: 20.31 ug/ml



#13 n-Docosane (C22)

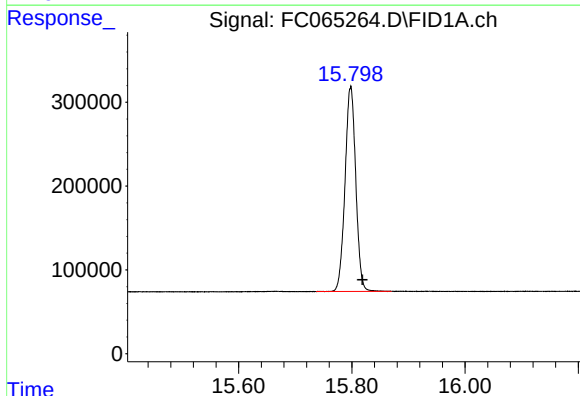
R.T.: 13.685 min
Delta R.T.: -0.020 min
Response: 3485888
Conc: 20.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



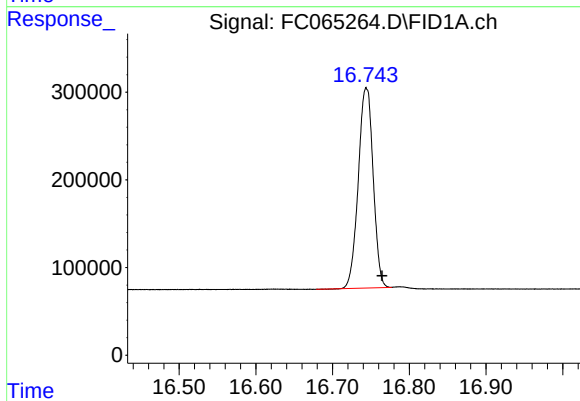
#14 n-Tetracosane (C24)

R.T.: 14.783 min
Delta R.T.: -0.019 min
Response: 3359631
Conc: 20.17 ug/ml



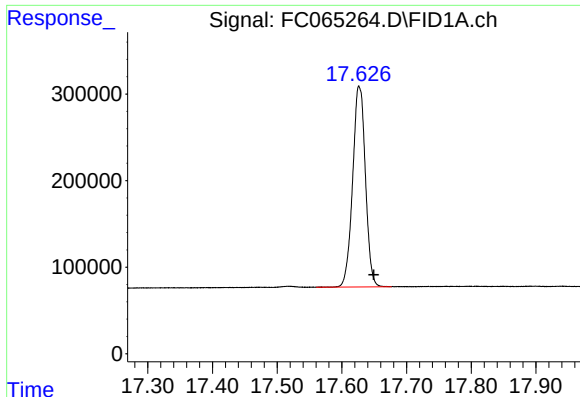
#15 n-Hexacosane (C26)

R.T.: 15.798 min
Delta R.T.: -0.021 min
Response: 3221580
Conc: 20.07 ug/ml



#16 n-Octacosane (C28)

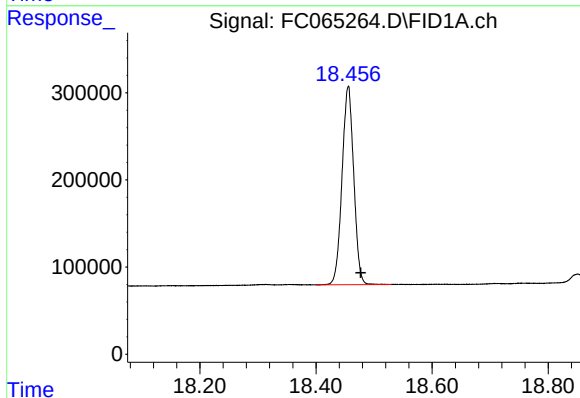
R.T.: 16.744 min
Delta R.T.: -0.021 min
Response: 3073041
Conc: 19.64 ug/ml



#17 n-Tricontane (C30)

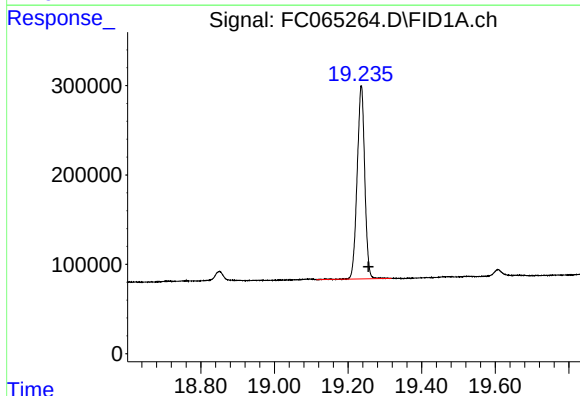
R.T.: 17.627 min
Delta R.T.: -0.022 min
Response: 3176149
Conc: 20.05 ug/ml

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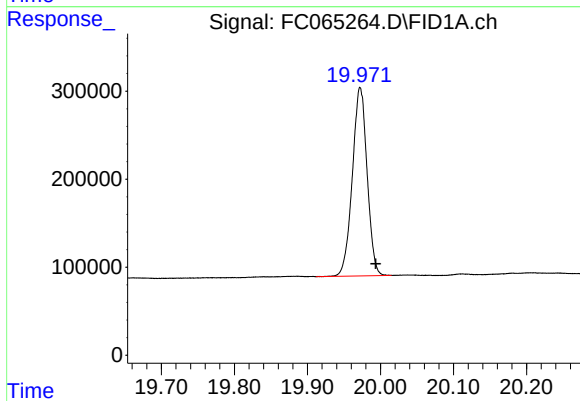
#18 n-Dotriacontane (C32)

R.T.: 18.456 min
Delta R.T.: -0.021 min
Response: 3178204
Conc: 20.13 ug/ml



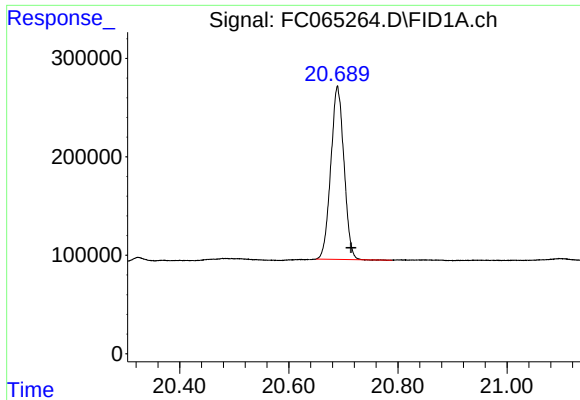
#19 n-Tetratriacontane (C34)

R.T.: 19.236 min
Delta R.T.: -0.020 min
Response: 3098965
Conc: 20.30 ug/ml



#20 n-Hexatriacontane (C36)

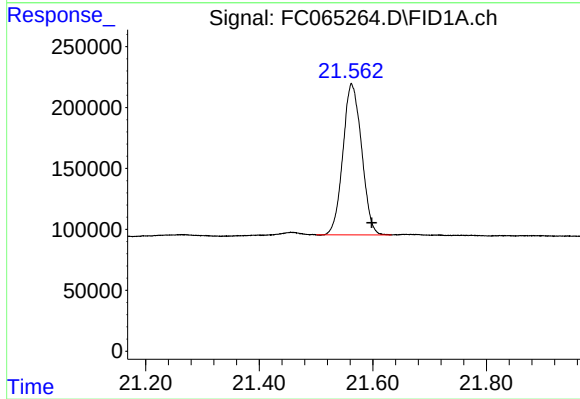
R.T.: 19.972 min
Delta R.T.: -0.021 min
Response: 3004326
Conc: 19.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.689 min
Delta R.T.: -0.025 min
Response: 2943475
Conc: 19.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.562 min
Delta R.T.: -0.035 min
Response: 2830475
Conc: 19.24 ug/ml