

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071724AL\
 Data File : FC066835.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jul 2024 13:30
 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: Jul 18 01:38:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 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)	11.519	3059755	19.875 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
12) S 1-chlorooctadecane (S...	12.957	2271533	20.315 ug/ml
Spiked Amount 50.000		Recovery =	40.63%
Target Compounds			
1) T n-Nonane (C9)	3.286	2875041	20.262 ug/ml
2) T n-Decane (C10)	4.352	2960765	20.028 ug/ml
3) T A~Naphthalene (C11.7)	5.932	3195679	20.011 ug/ml
4) T n-Dodecane (C12)	6.370	2993131	19.965 ug/ml
5) T A~2-methylnaphthalene...	6.988	3064970	19.993 ug/ml
6) T n-Tetradecane (C14)	8.165	2951351	20.172 ug/ml
7) T n-Hexadecane (C16)	9.764	3036647	20.289 ug/ml
8) T n-Octadecane (C18)	11.206	3011781	20.295 ug/ml
10) T n-Eicosane (C20)	12.515	2816776	20.209 ug/ml
11) T n-Heneicosane (C21)	13.127	2735036	20.080 ug/ml
13) T n-Docosane (C22)	13.712	2676631	19.927 ug/ml
14) T n-Tetracosane (C24)	14.815	2617915	19.682 ug/ml
15) T n-Hexacosane (C26)	15.835	2540859	19.528 ug/ml
16) T n-Octacosane (C28)	16.784	2473577	19.608 ug/ml
17) T n-Tricontane (C30)	17.671	2495254	19.404 ug/ml
18) T n-Dotriacontane (C32)	18.503	2451340	19.472 ug/ml
19) T n-Tetratriacontane (C34)	19.286	2395183	19.361 ug/ml
20) T n-Hexatriacontane (C36)	20.026	2270058	19.515 ug/ml
21) T n-Octatriacontane (C38)	20.754	2195942	19.764 ug/ml
22) T n-Tetracontane (C40)	21.648	2107297	19.384 ug/ml

(f)=RT Delta > 1/2 Window

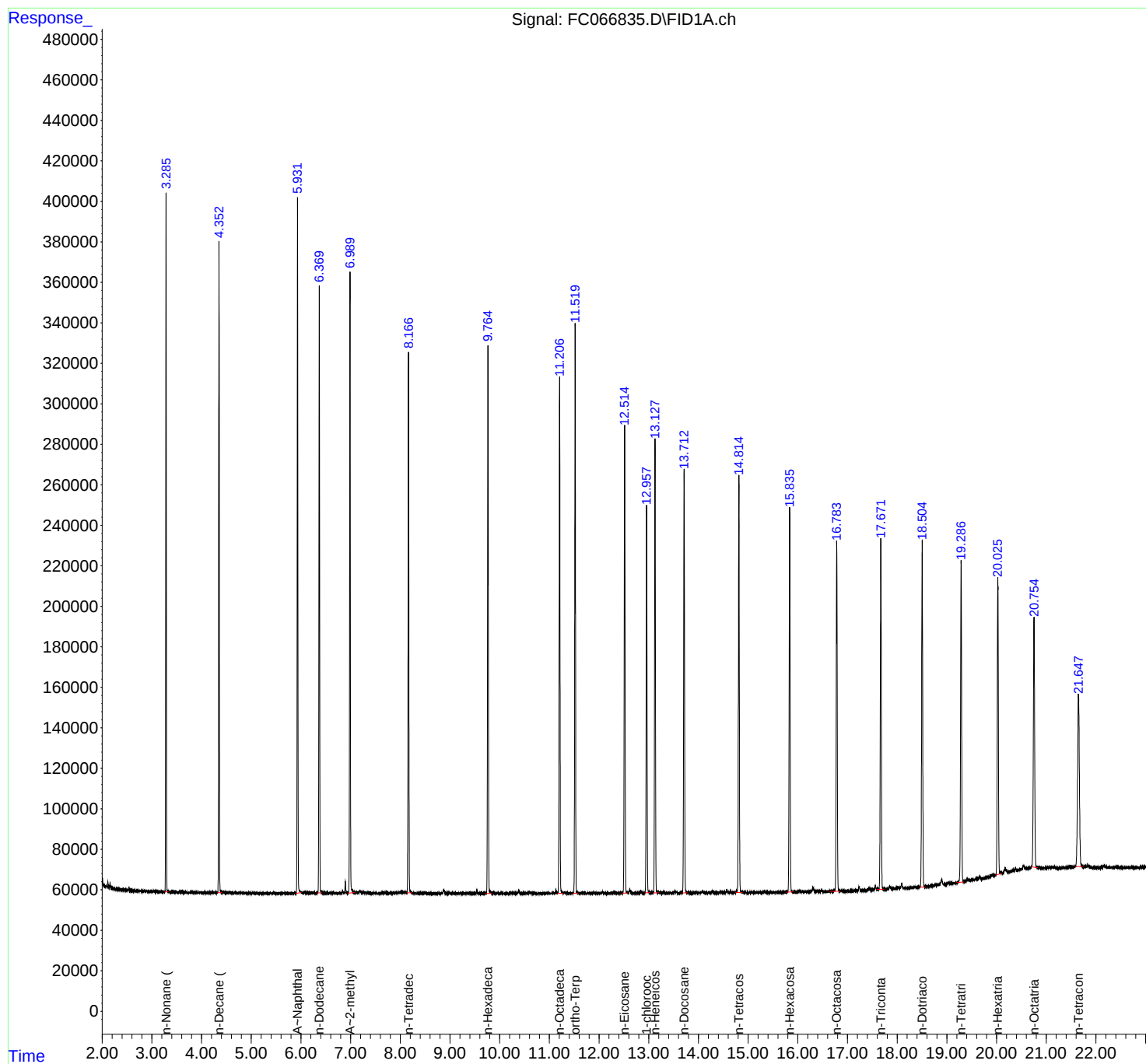
(m)=manual int.

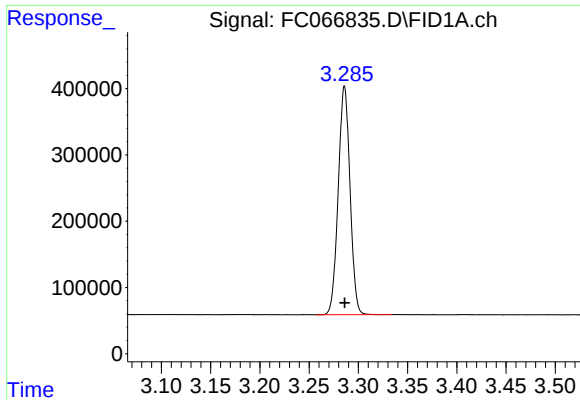
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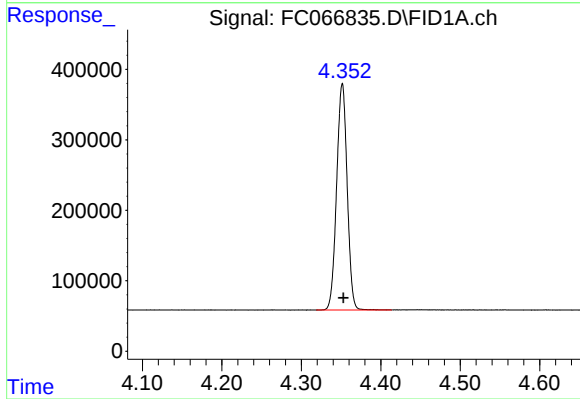




#1 n-Nonane (C9)

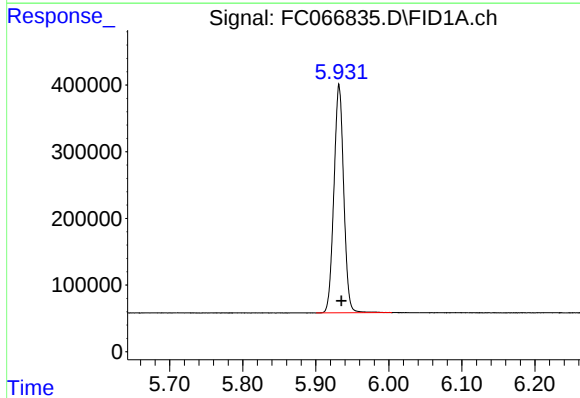
R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 2875041
Conc: 20.26 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



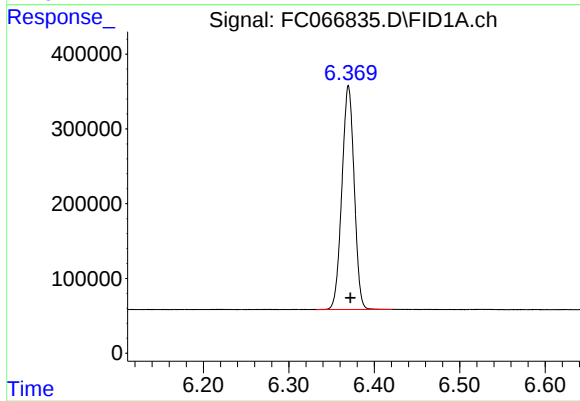
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: -0.001 min
Response: 2960765
Conc: 20.03 ug/ml



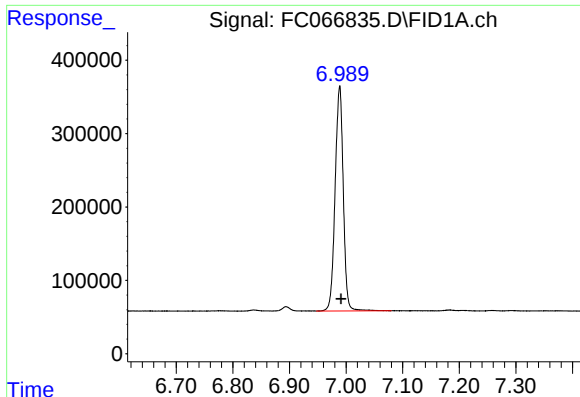
#3 A~Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: -0.003 min
Response: 3195679
Conc: 20.01 ug/ml



#4 n-Dodecane (C12)

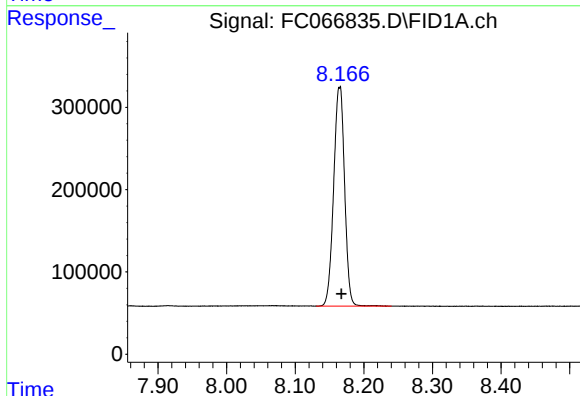
R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 2993131
Conc: 19.97 ug/ml



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

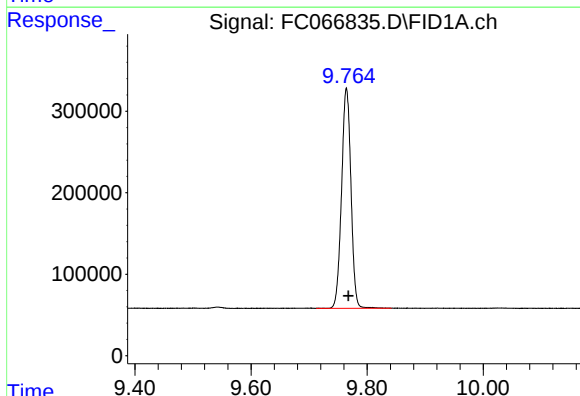
R.T.: 6.988 min
Delta R.T.: -0.003 min
Response: 3064970
Conc: 19.99 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



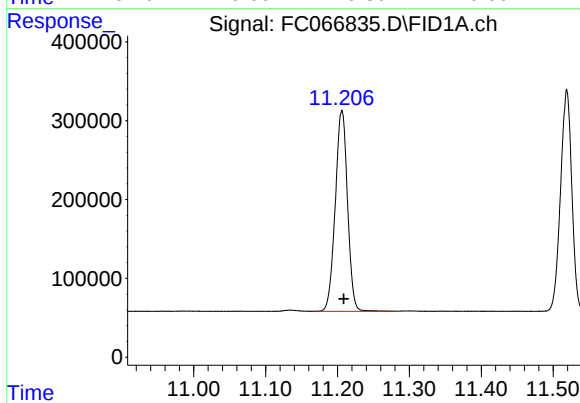
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.003 min
Response: 2951351
Conc: 20.17 ug/ml



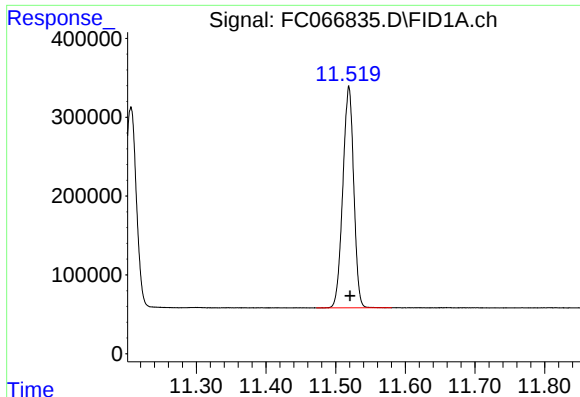
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: -0.003 min
Response: 3036647
Conc: 20.29 ug/ml



#8 n-Octadecane (C18)

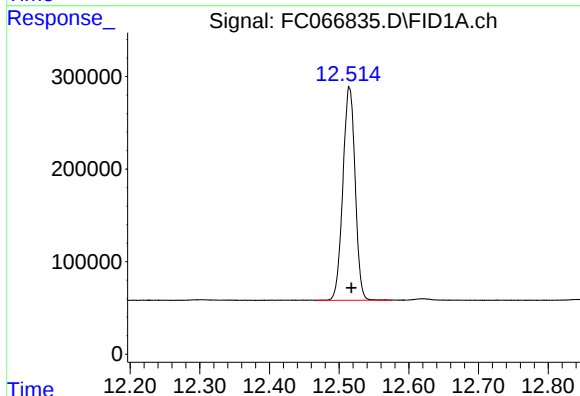
R.T.: 11.206 min
Delta R.T.: -0.003 min
Response: 3011781
Conc: 20.30 ug/ml



#9 ortho-Terphenyl (SURR)

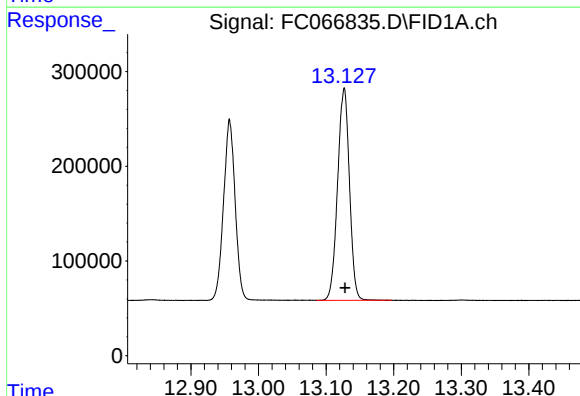
R.T.: 11.519 min
Delta R.T.: -0.002 min
Response: 3059755
Conc: 19.87 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



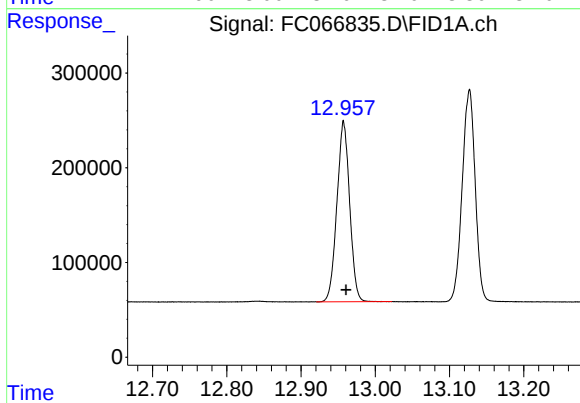
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.003 min
Response: 2816776
Conc: 20.21 ug/ml



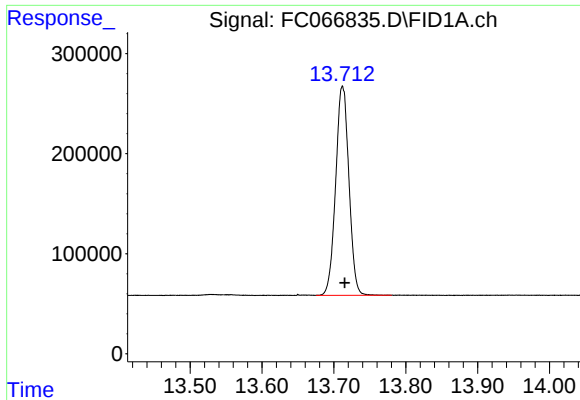
#11 n-Heneicosane (C21)

R.T.: 13.127 min
Delta R.T.: -0.002 min
Response: 2735036
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

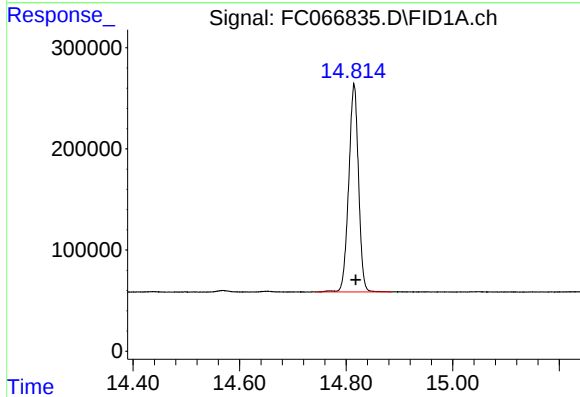
R.T.: 12.957 min
Delta R.T.: -0.003 min
Response: 2271533
Conc: 20.31 ug/ml



#13 n-Docosane (C22)

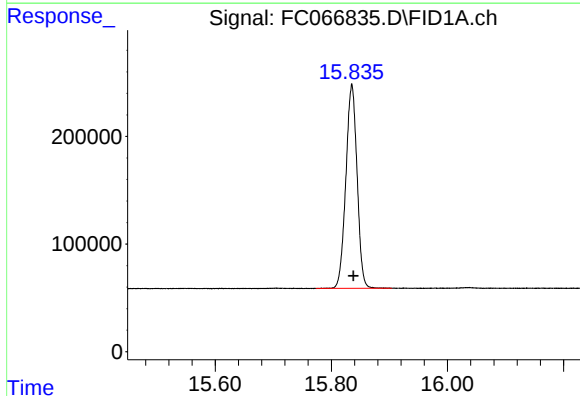
R.T.: 13.712 min
Delta R.T.: -0.003 min
Response: 2676631
Conc: 19.93 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



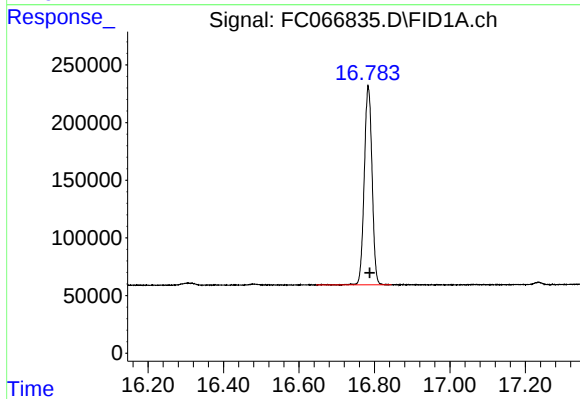
#14 n-Tetracosane (C24)

R.T.: 14.815 min
Delta R.T.: -0.003 min
Response: 2617915
Conc: 19.68 ug/ml



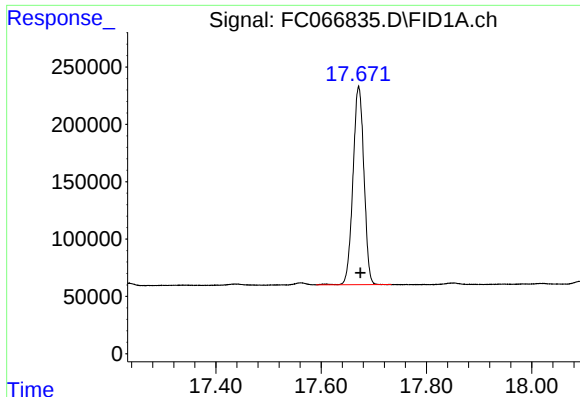
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: -0.003 min
Response: 2540859
Conc: 19.53 ug/ml



#16 n-Octacosane (C28)

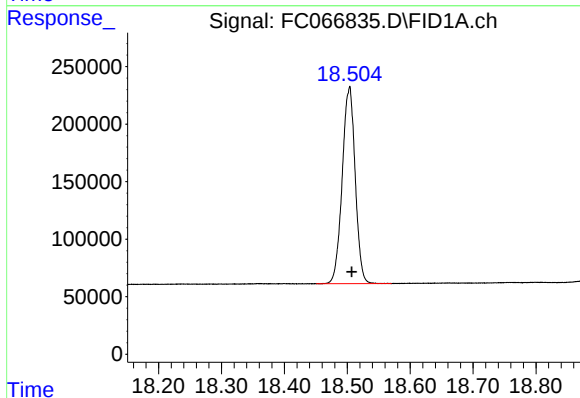
R.T.: 16.784 min
Delta R.T.: -0.004 min
Response: 2473577
Conc: 19.61 ug/ml



#17 n-Tricontane (C30)

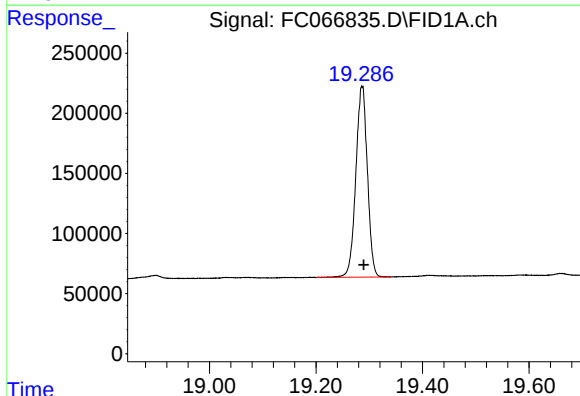
R.T.: 17.671 min
Delta R.T.: -0.003 min
Response: 2495254
Conc: 19.40 ug/ml

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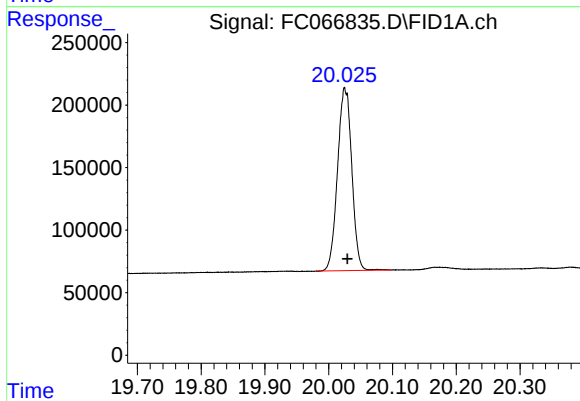
#18 n-Dotriacontane (C32)

R.T.: 18.503 min
Delta R.T.: -0.004 min
Response: 2451340
Conc: 19.47 ug/ml



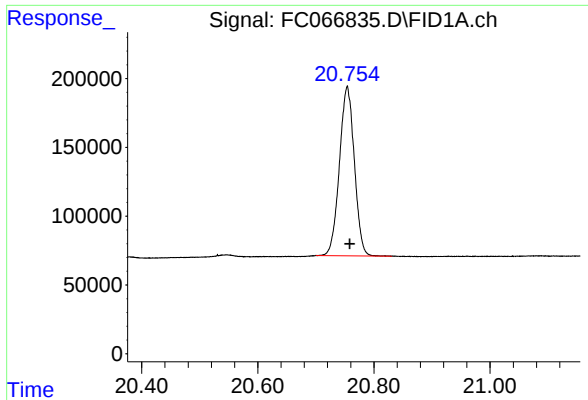
#19 n-Tetratriacontane (C34)

R.T.: 19.286 min
Delta R.T.: -0.003 min
Response: 2395183
Conc: 19.36 ug/ml



#20 n-Hexatriacontane (C36)

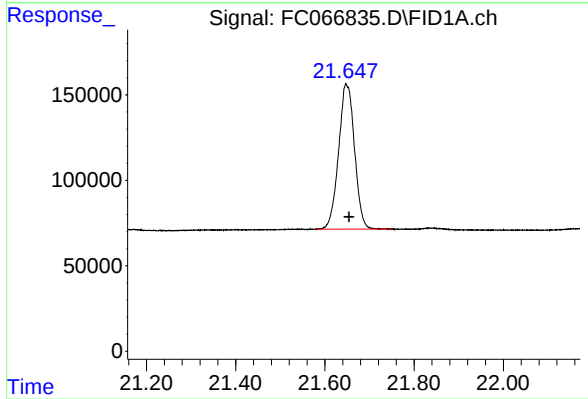
R.T.: 20.026 min
Delta R.T.: -0.003 min
Response: 2270058
Conc: 19.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.754 min
Delta R.T.: -0.004 min
Response: 2195942
Conc: 19.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.648 min
Delta R.T.: -0.006 min
Response: 2107297
Conc: 19.38 ug/ml