

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022224AL\
 Data File : FC065841.D
 Signal(s) : FID1A.ch
 Acq On : 23 Feb 2024 05:57
 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: Feb 23 06:30:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 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)	11.500	3295216	19.210 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
12) S 1-chlorooctadecane (S...	12.930	2466237	19.597 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
Target Compounds			
1) T n-Nonane (C9)	3.288	2807116	18.685 ug/ml
2) T n-Decane (C10)	4.351	2928596	19.262 ug/ml
3) T A~Naphthalene (C11.7)	5.939	3140771	20.367 ug/ml
4) T n-Dodecane (C12)	6.365	2957945	19.326 ug/ml
5) T A~2-methylnaphthalene...	6.995	2910422	20.439 ug/ml
6) T n-Tetradecane (C14)	8.155	2873294	19.353 ug/ml
7) T n-Hexadecane (C16)	9.750	2976287	19.846 ug/ml
8) T n-Octadecane (C18)	11.186	3002816	19.467 ug/ml
10) T n-Eicosane (C20)	12.489	2922312	19.433 ug/ml
11) T n-Heneicosane (C21)	13.097	2901797	19.403 ug/ml
13) T n-Docosane (C22)	13.680	2901050	19.558 ug/ml
14) T n-Tetracosane (C24)	14.778	2929304	19.701 ug/ml
15) T n-Hexacosane (C26)	15.793	2937521	19.823 ug/ml
16) T n-Octacosane (C28)	16.740	3021195	20.590 ug/ml
17) T n-Tricontane (C30)	17.622	3277854	21.835 ug/ml
18) T n-Dotriacontane (C32)	18.451	3330730	22.522 ug/ml
19) T n-Tetratriacontane (C34)	19.231	3163686	21.827 ug/ml
20) T n-Hexatriacontane (C36)	19.968	2965226	20.890 ug/ml
21) T n-Octatriacontane (C38)	20.685	2839539	20.060 ug/ml
22) T n-Tetracontane (C40)	21.558	2712997	19.450 ug/ml

(f)=RT Delta > 1/2 Window

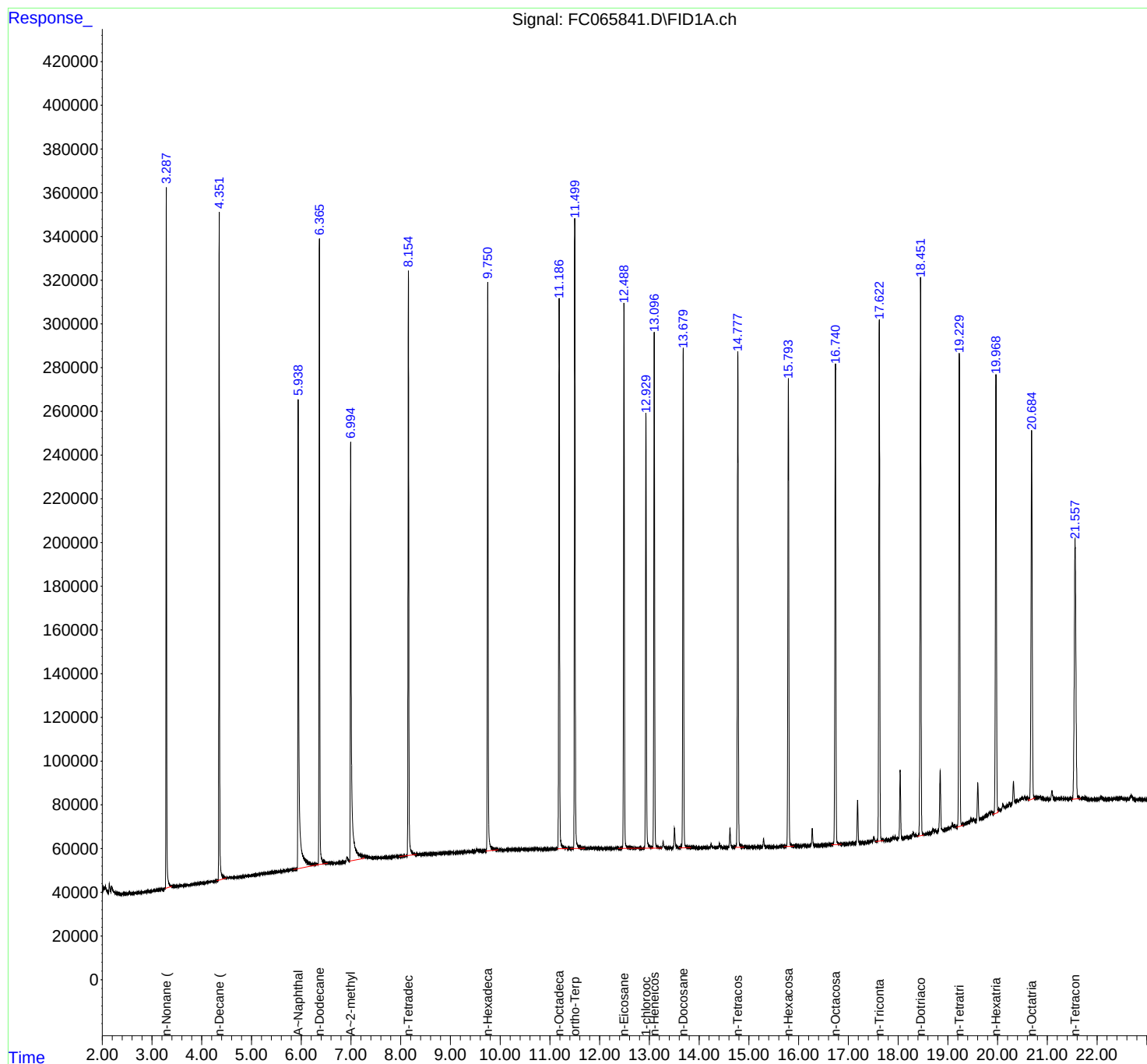
(m)=manual int.

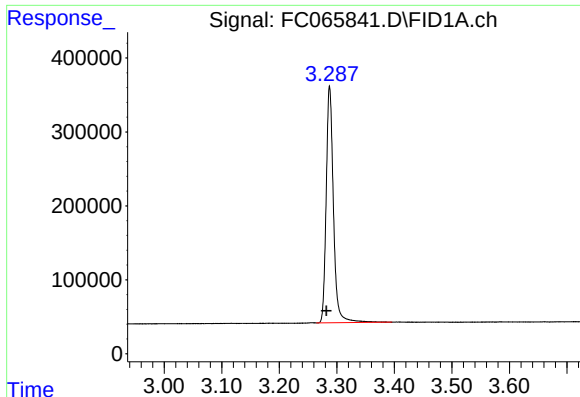
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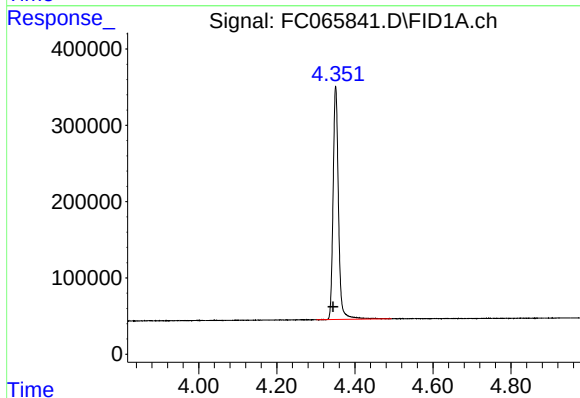




#1 n-Nonane (C9)

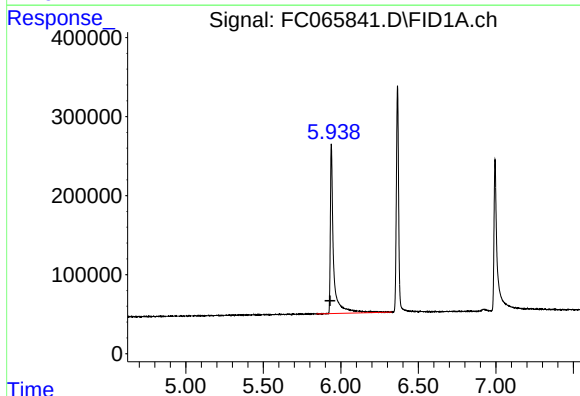
R.T.: 3.288 min
Delta R.T.: 0.006 min
Response: 2807116
Conc: 18.68 ug/ml

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20 PPM ALIPHATIC HC STD



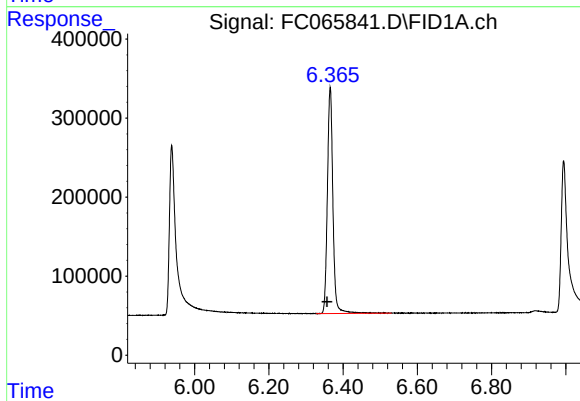
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: 0.007 min
Response: 2928596
Conc: 19.26 ug/ml



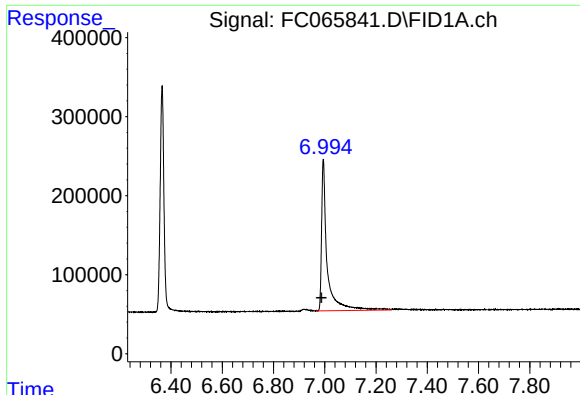
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: 0.007 min
Response: 3140771
Conc: 20.37 ug/ml



#4 n-Dodecane (C12)

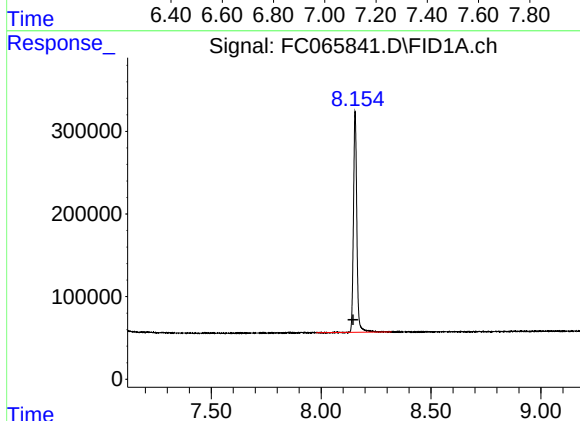
R.T.: 6.365 min
Delta R.T.: 0.008 min
Response: 2957945
Conc: 19.33 ug/ml



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

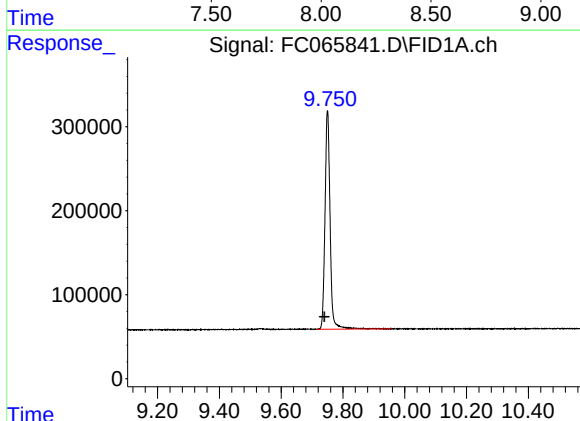
R.T.: 6.995 min
Delta R.T.: 0.008 min
Response: 2910422
Conc: 20.44 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



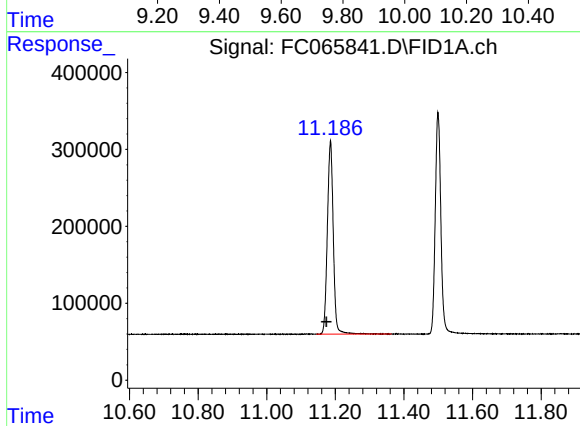
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.009 min
Response: 2873294
Conc: 19.35 ug/ml



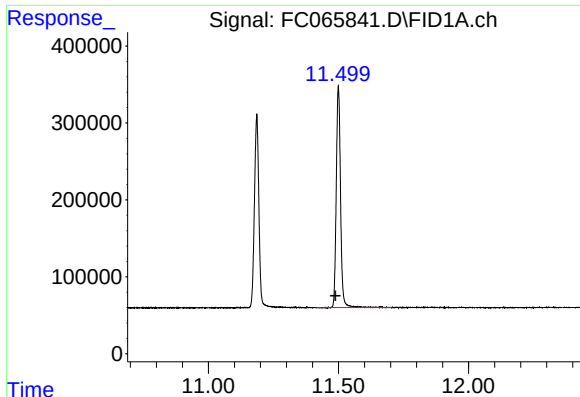
#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: 0.010 min
Response: 2976287
Conc: 19.85 ug/ml



#8 n-Octadecane (C18)

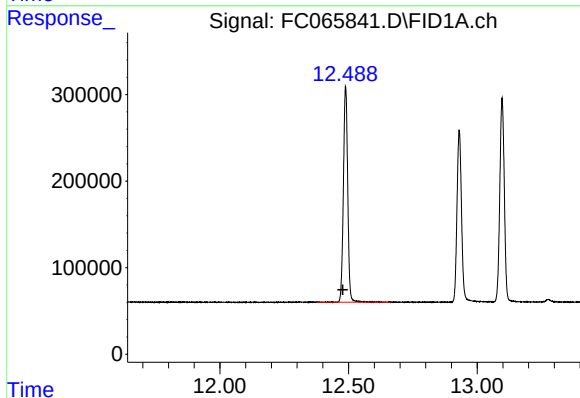
R.T.: 11.186 min
Delta R.T.: 0.011 min
Response: 3002816
Conc: 19.47 ug/ml



#9 ortho-Terphenyl (SURR)

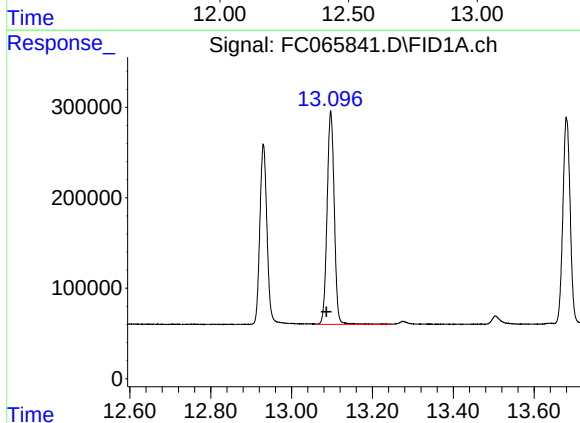
R.T.: 11.500 min
Delta R.T.: 0.011 min
Response: 3295216
Conc: 19.21 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



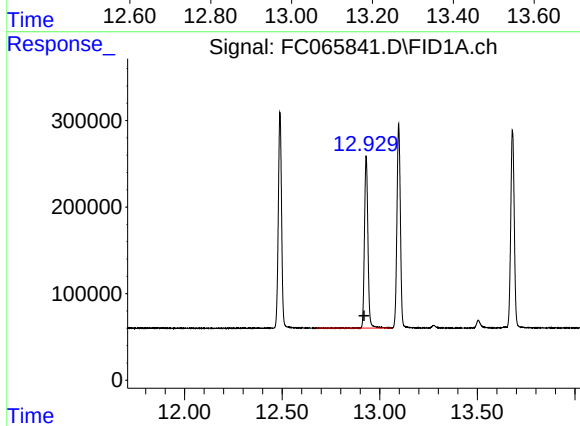
#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: 0.011 min
Response: 2922312
Conc: 19.43 ug/ml



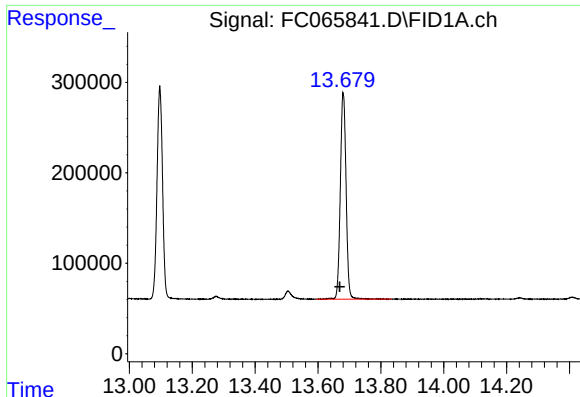
#11 n-Heneicosane (C21)

R.T.: 13.097 min
Delta R.T.: 0.011 min
Response: 2901797
Conc: 19.40 ug/ml



#12 1-chlorooctadecane (SURR)

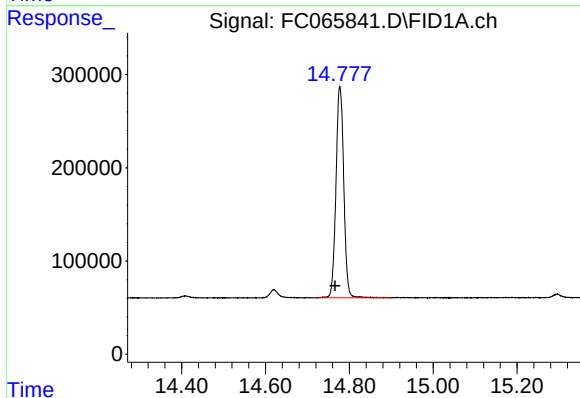
R.T.: 12.930 min
Delta R.T.: 0.010 min
Response: 2466237
Conc: 19.60 ug/ml



#13 n-Docosane (C22)

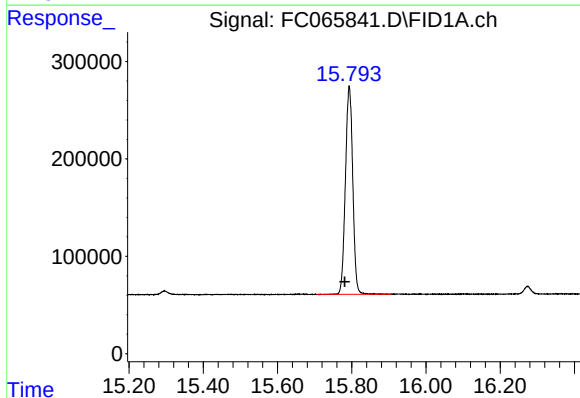
R.T.: 13.680 min
Delta R.T.: 0.011 min
Response: 2901050
Conc: 19.56 ug/ml

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20 PPM ALIPHATIC HC STD



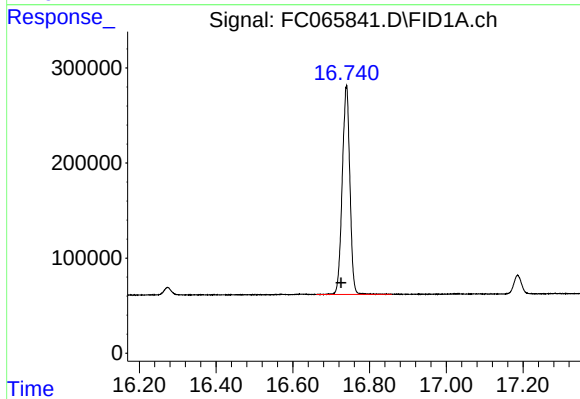
#14 n-Tetracosane (C24)

R.T.: 14.778 min
Delta R.T.: 0.012 min
Response: 2929304
Conc: 19.70 ug/ml



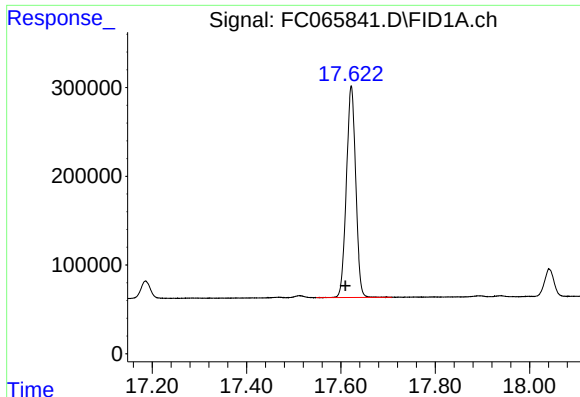
#15 n-Hexacosane (C26)

R.T.: 15.793 min
Delta R.T.: 0.012 min
Response: 2937521
Conc: 19.82 ug/ml



#16 n-Octacosane (C28)

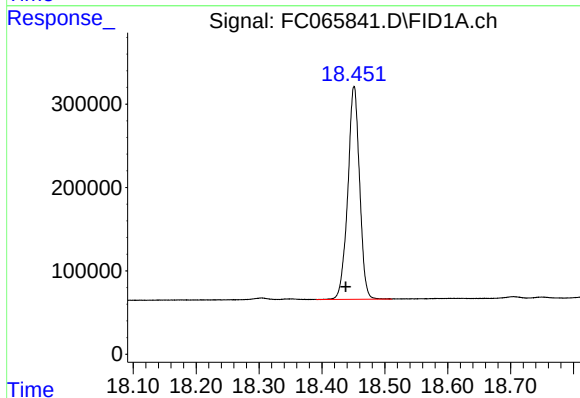
R.T.: 16.740 min
Delta R.T.: 0.014 min
Response: 3021195
Conc: 20.59 ug/ml



#17 n-Tricontane (C30)

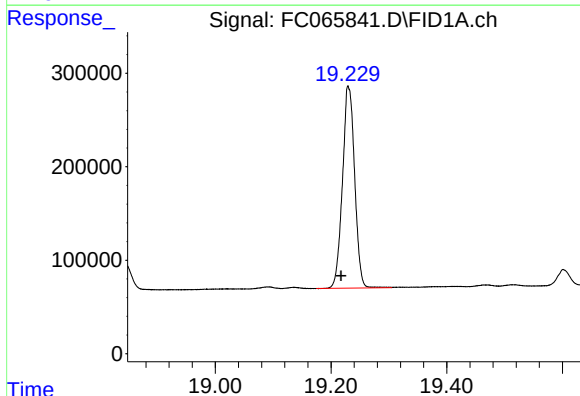
R.T.: 17.622 min
Delta R.T.: 0.012 min
Response: 3277854
Conc: 21.84 ug/ml

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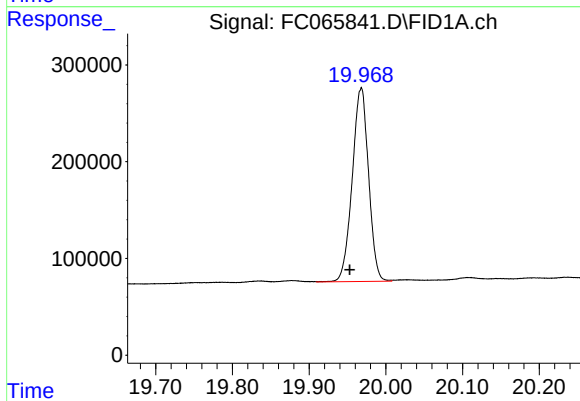
#18 n-Dotriacontane (C32)

R.T.: 18.451 min
Delta R.T.: 0.013 min
Response: 3330730
Conc: 22.52 ug/ml



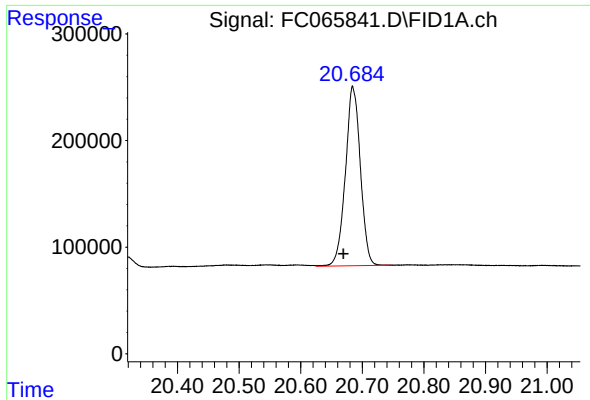
#19 n-Tetratriacontane (C34)

R.T.: 19.231 min
Delta R.T.: 0.013 min
Response: 3163686
Conc: 21.83 ug/ml



#20 n-Hexatriacontane (C36)

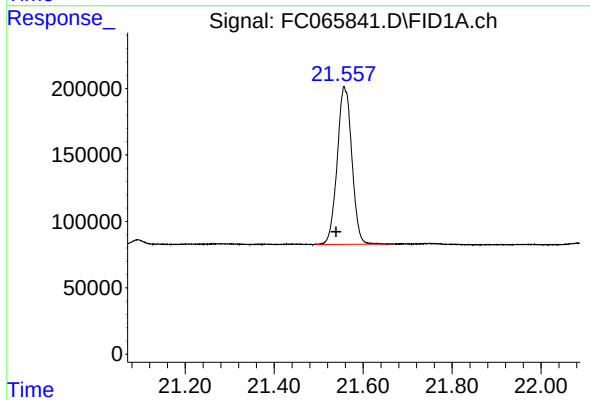
R.T.: 19.968 min
Delta R.T.: 0.015 min
Response: 2965226
Conc: 20.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.685 min
Delta R.T.: 0.016 min
Response: 2839539
Conc: 20.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.558 min
Delta R.T.: 0.019 min
Response: 2712997
Conc: 19.45 ug/ml