

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022624AL\
 Data File : FC065880.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2024 07:46
 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 27 08:18:36 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	3339064	19.466 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
12) S 1-chlorooctadecane (S...	12.930	2518964	20.016 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
Target Compounds			
1) T n-Nonane (C9)	3.287	2836081	18.878 ug/ml
2) T n-Decane (C10)	4.351	2999577	19.728 ug/ml
3) T A~Naphthalene (C11.7)	5.940	3152349	20.442 ug/ml
4) T n-Dodecane (C12)	6.365	3010036	19.667 ug/ml
5) T A~2-methylnaphthalene...	6.995	2940505	20.650 ug/ml
6) T n-Tetradecane (C14)	8.155	2961955	19.950 ug/ml
7) T n-Hexadecane (C16)	9.749	3077037	20.518 ug/ml
8) T n-Octadecane (C18)	11.185	3124466	20.255 ug/ml
10) T n-Eicosane (C20)	12.487	2997071	19.930 ug/ml
11) T n-Heneicosane (C21)	13.095	2981919	19.938 ug/ml
13) T n-Docosane (C22)	13.679	3002132	20.240 ug/ml
14) T n-Tetracosane (C24)	14.775	3034288	20.408 ug/ml
15) T n-Hexacosane (C26)	15.790	3025083	20.414 ug/ml
16) T n-Octacosane (C28)	16.735	3125767	21.303 ug/ml
17) T n-Tricontane (C30)	17.617	3393972	22.609 ug/ml
18) T n-Dotriacontane (C32)	18.446	3449400	23.325 ug/ml
19) T n-Tetratriacontane (C34)	19.225	3273135	22.582 ug/ml
20) T n-Hexatriacontane (C36)	19.961	3014104	21.234 ug/ml
21) T n-Octatriacontane (C38)	20.678	2880173	20.347 ug/ml
22) T n-Tetracontane (C40)	21.548	2744379	19.675 ug/ml

(f)=RT Delta > 1/2 Window

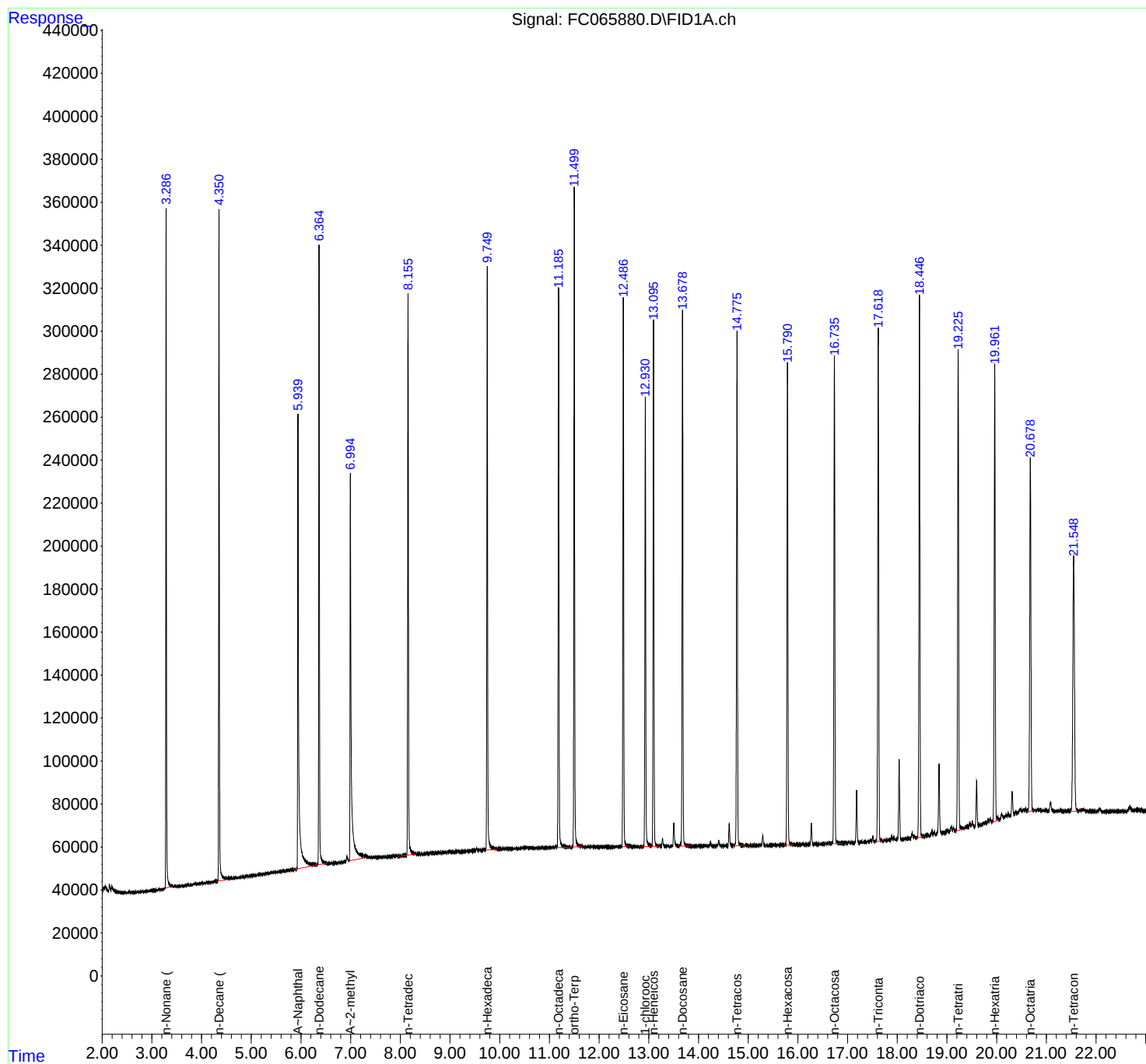
(m)=manual int.

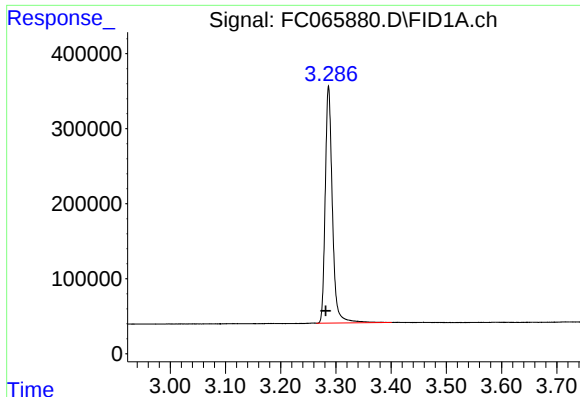
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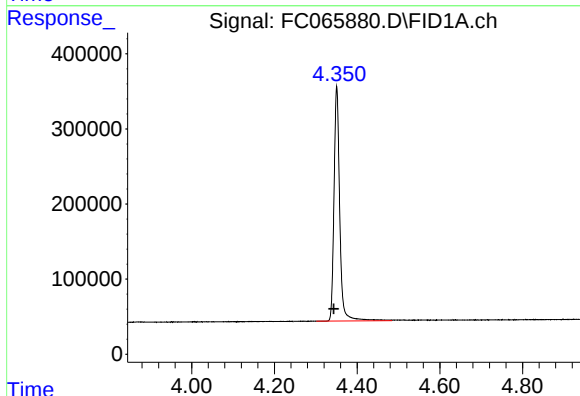




#1 n-Nonane (C9)

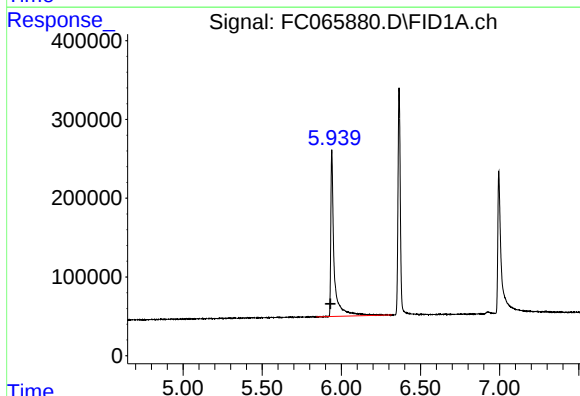
R.T.: 3.287 min
Delta R.T.: 0.005 min
Response: 2836081
Conc: 18.88 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



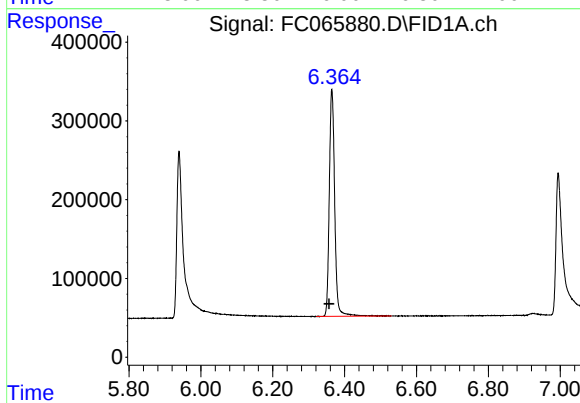
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: 0.007 min
Response: 2999577
Conc: 19.73 ug/ml



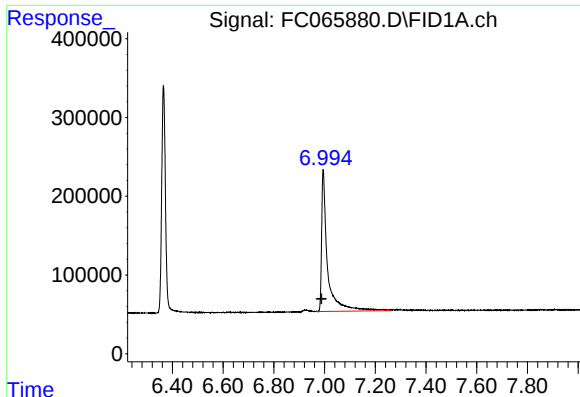
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: 0.009 min
Response: 3152349
Conc: 20.44 ug/ml



#4 n-Dodecane (C12)

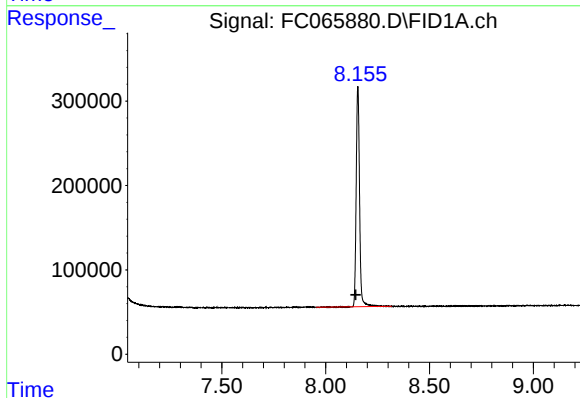
R.T.: 6.365 min
Delta R.T.: 0.008 min
Response: 3010036
Conc: 19.67 ug/ml



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

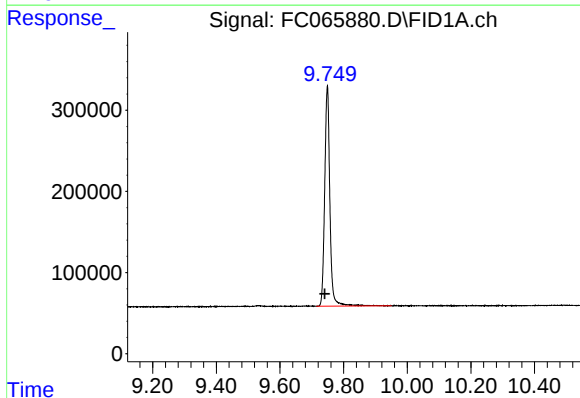
R.T.: 6.995 min
Delta R.T.: 0.008 min
Response: 2940505
Conc: 20.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



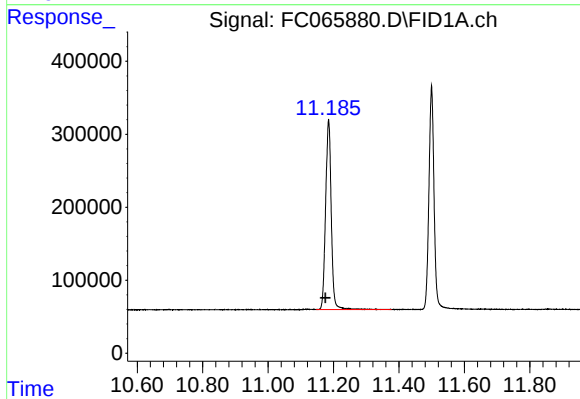
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.009 min
Response: 2961955
Conc: 19.95 ug/ml



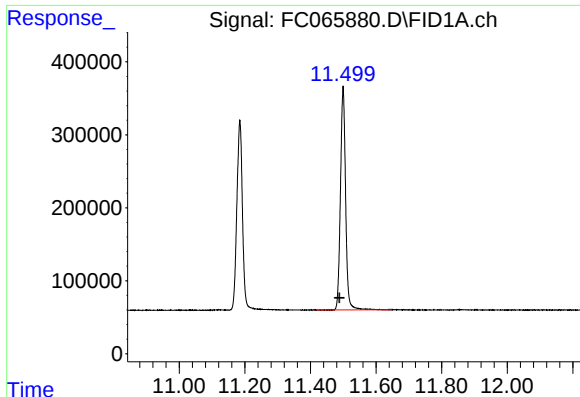
#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: 0.008 min
Response: 3077037
Conc: 20.52 ug/ml



#8 n-Octadecane (C18)

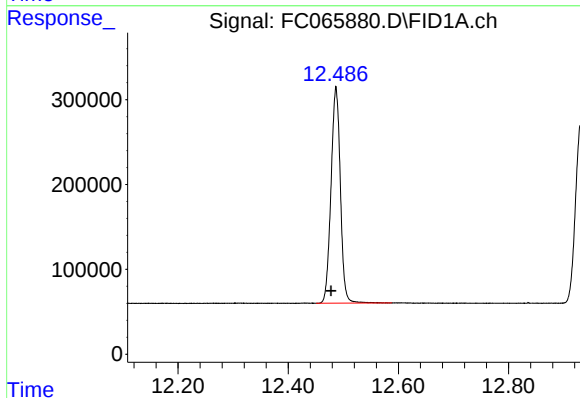
R.T.: 11.185 min
Delta R.T.: 0.010 min
Response: 3124466
Conc: 20.26 ug/ml



#9 ortho-Terphenyl (SURR)

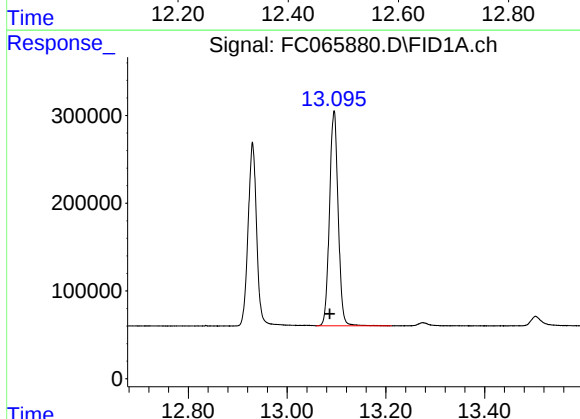
R.T.: 11.500 min
Delta R.T.: 0.011 min
Response: 3339064
Conc: 19.47 ug/ml

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20 PPM ALIPHATIC HC STD



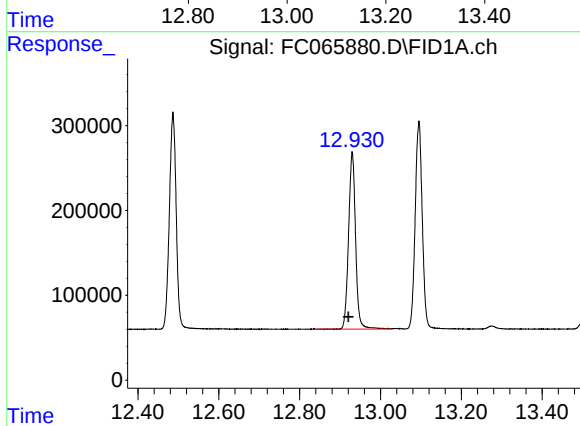
#10 n-Eicosane (C20)

R.T.: 12.487 min
Delta R.T.: 0.009 min
Response: 2997071
Conc: 19.93 ug/ml



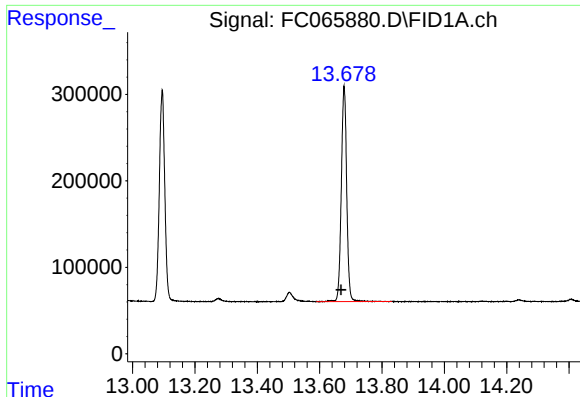
#11 n-Heneicosane (C21)

R.T.: 13.095 min
Delta R.T.: 0.008 min
Response: 2981919
Conc: 19.94 ug/ml



#12 1-chlorooctadecane (SURR)

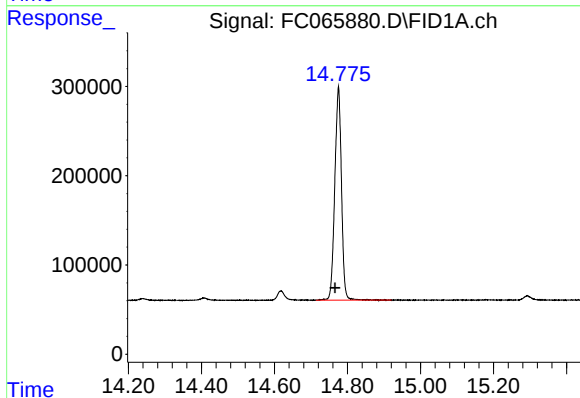
R.T.: 12.930 min
Delta R.T.: 0.010 min
Response: 2518964
Conc: 20.02 ug/ml



#13 n-Docosane (C22)

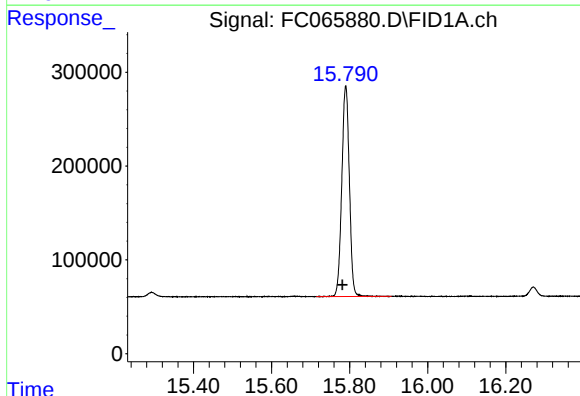
R.T.: 13.679 min
Delta R.T.: 0.010 min
Response: 3002132
Conc: 20.24 ug/ml

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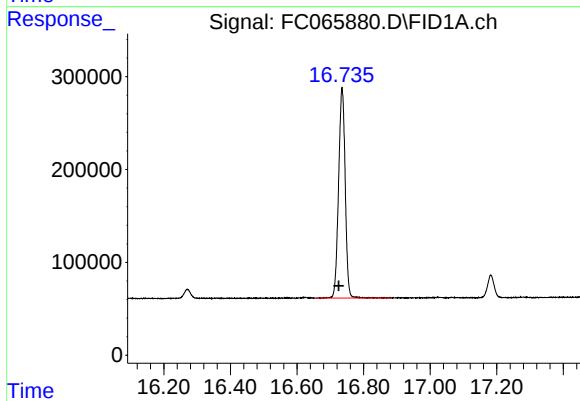
#14 n-Tetracosane (C24)

R.T.: 14.775 min
Delta R.T.: 0.009 min
Response: 3034288
Conc: 20.41 ug/ml



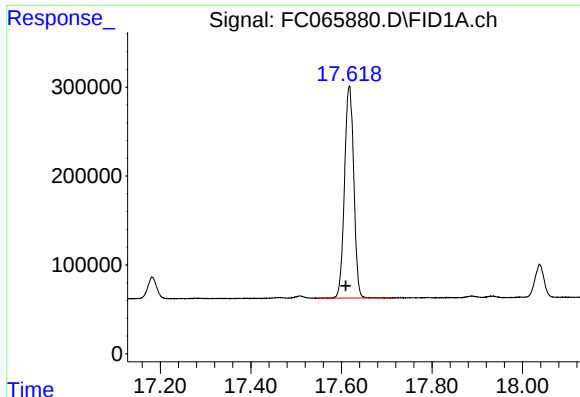
#15 n-Hexacosane (C26)

R.T.: 15.790 min
Delta R.T.: 0.009 min
Response: 3025083
Conc: 20.41 ug/ml



#16 n-Octacosane (C28)

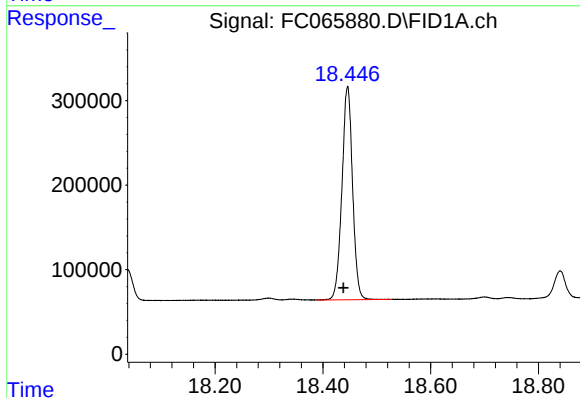
R.T.: 16.735 min
Delta R.T.: 0.010 min
Response: 3125767
Conc: 21.30 ug/ml



#17 n-Tricontane (C30)

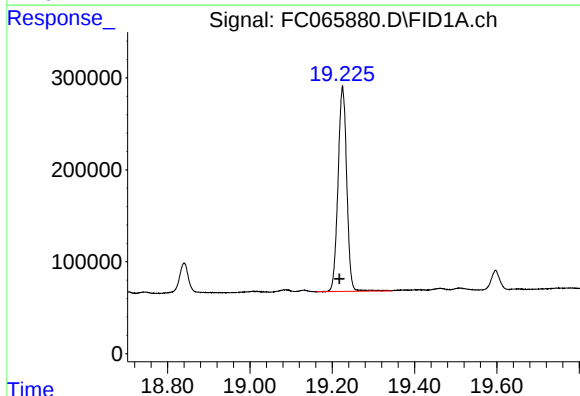
R.T.: 17.617 min
Delta R.T.: 0.008 min
Response: 3393972
Conc: 22.61 ug/ml

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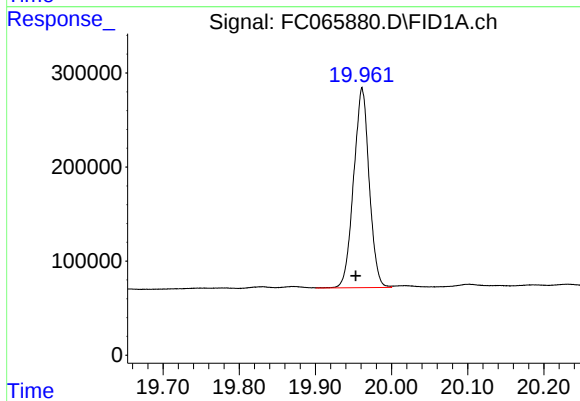
#18 n-Dotriacontane (C32)

R.T.: 18.446 min
Delta R.T.: 0.008 min
Response: 3449400
Conc: 23.32 ug/ml



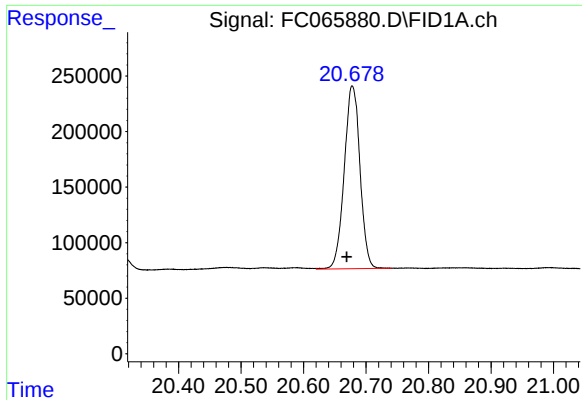
#19 n-Tetratriacontane (C34)

R.T.: 19.225 min
Delta R.T.: 0.007 min
Response: 3273135
Conc: 22.58 ug/ml



#20 n-Hexatriacontane (C36)

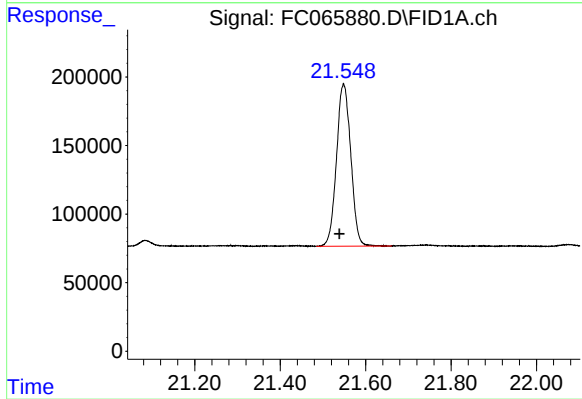
R.T.: 19.961 min
Delta R.T.: 0.008 min
Response: 3014104
Conc: 21.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.678 min
Delta R.T.: 0.009 min
Response: 2880173
Conc: 20.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.548 min
Delta R.T.: 0.009 min
Response: 2744379
Conc: 19.67 ug/ml