

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122322AL\
 Data File : FC062481.D
 Signal(s) : FID1A.ch
 Acq On : 23 Dec 2022 11:32
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 23 17:56:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 2022
 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)	11.576	3002910	21.288 ug/ml
Spiked Amount 50.000		Recovery =	42.58%
12) S 1-chlorooctadecane (S...	13.015	2222547	20.853 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
Target Compounds			
1) T n-Nonane (C9)	3.323	2848453	22.147 ug/ml
2) T n-Decane (C10)	4.391	2768675	22.256 ug/ml
3) T A~Naphthalene (C11.7)	5.978	3139546	22.125 ug/ml
4) T n-Dodecane (C12)	6.415	2772773	22.137 ug/ml
5) T A~2-methylnaphthalene...	7.037	2923109	22.734 ug/ml
6) T n-Tetradecane (C14)	8.213	2741035	22.507 ug/ml
7) T n-Hexadecane (C16)	9.817	2753266	21.936 ug/ml
8) T n-Octadecane (C18)	11.260	2759974	21.604 ug/ml
10) T n-Eicosane (C20)	12.571	2632036	21.159 ug/ml
11) T n-Heneicosane (C21)	13.183	2617654	21.183 ug/ml
13) T n-Docosane (C22)	13.770	2559959	21.074 ug/ml
14) T n-Tetracosane (C24)	14.872	2494490	20.811 ug/ml
15) T n-Hexacosane (C26)	15.894	2410799	20.753 ug/ml
16) T n-Octacosane (C28)	16.843	2349182	20.669 ug/ml
17) T n-Tricontane (C30)	17.729	2310045	20.662 ug/ml
18) T n-Dotriacontane (C32)	18.562	2322185	20.898 ug/ml
19) T n-Tetratriacontane (C34)	19.343	2307821	21.332 ug/ml
20) T n-Hexatriacontane (C36)	20.083	2184104	21.513 ug/ml
21) T n-Octatriacontane (C38)	20.823	2220070	21.700 ug/ml
22) T n-Tetracontane (C40)	21.743	2216005	21.865 ug/ml

(f)=RT Delta > 1/2 Window

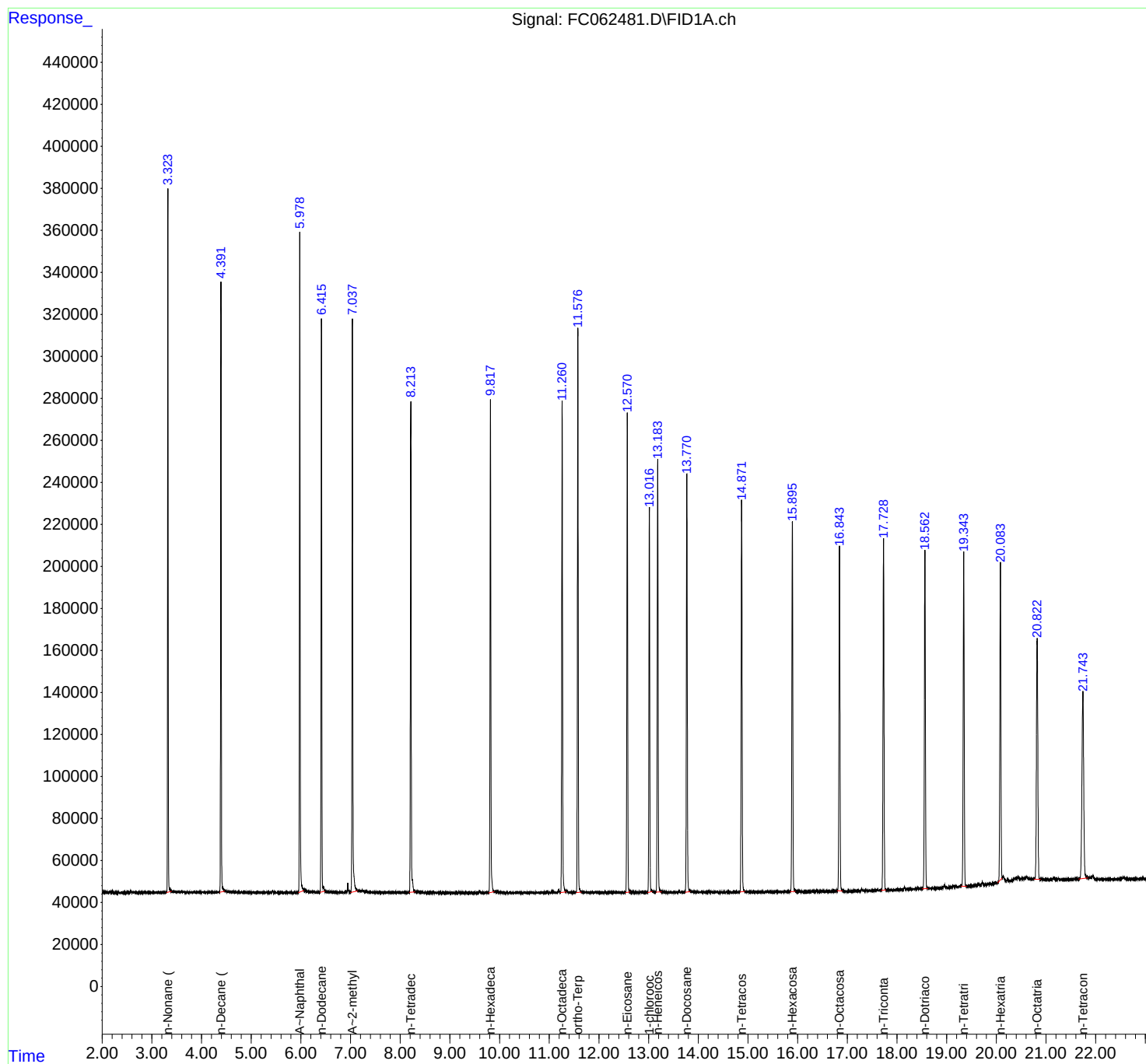
(m)=manual int.

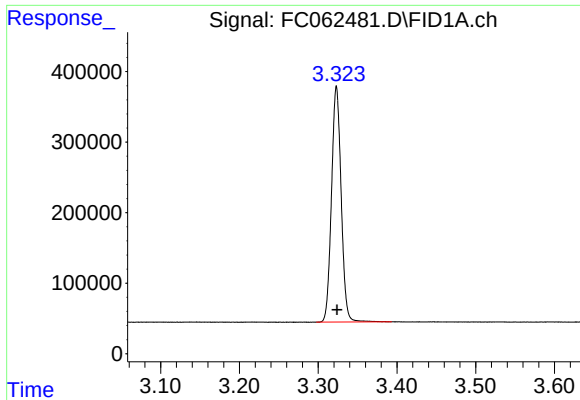
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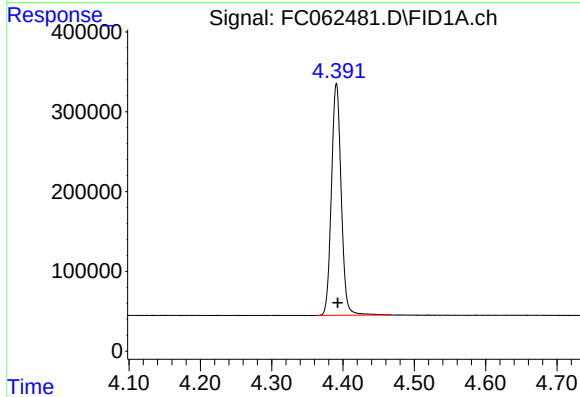




#1 n-Nonane (C9)

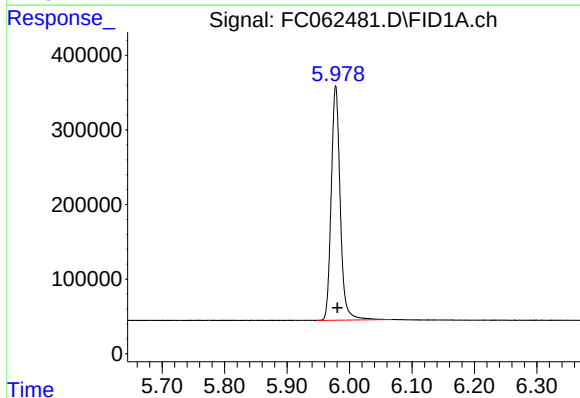
R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 2848453
Conc: 22.15 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



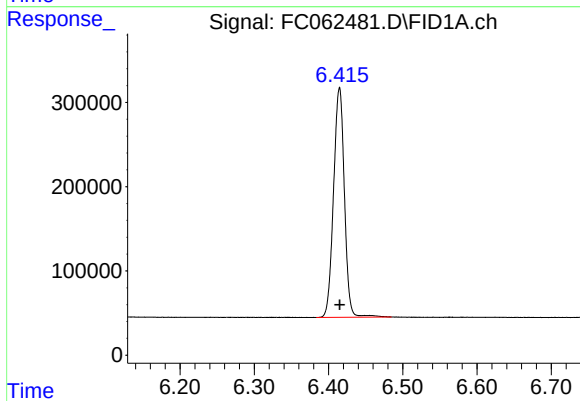
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.002 min
Response: 2768675
Conc: 22.26 ug/ml



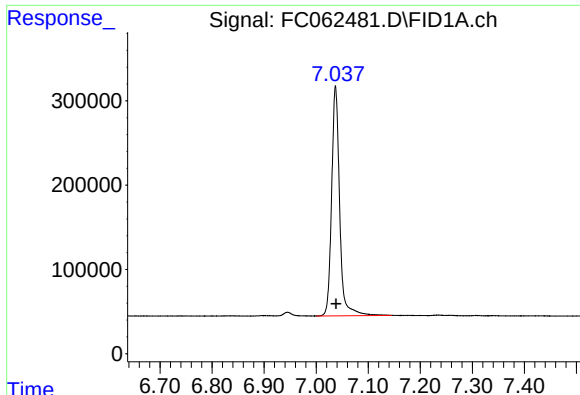
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.003 min
Response: 3139546
Conc: 22.12 ug/ml



#4 n-Dodecane (C12)

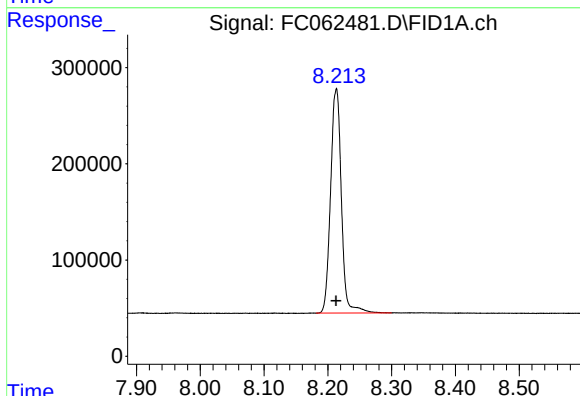
R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 2772773
Conc: 22.14 ug/ml



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

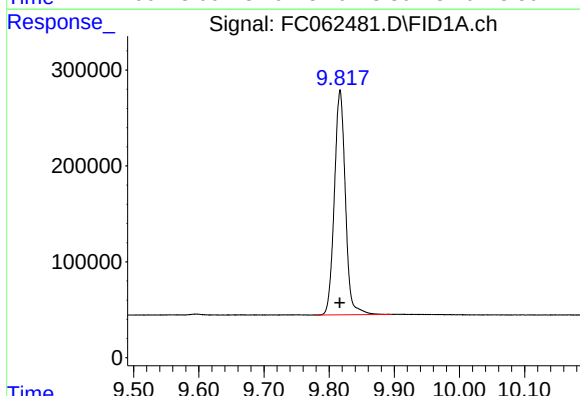
R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 2923109
Conc: 22.73 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



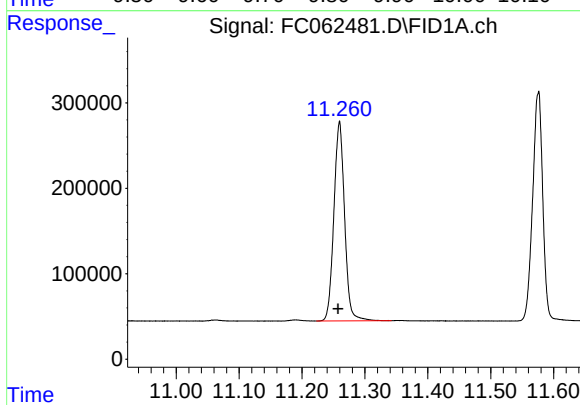
#6 n-Tetradecane (C14)

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 2741035
Conc: 22.51 ug/ml



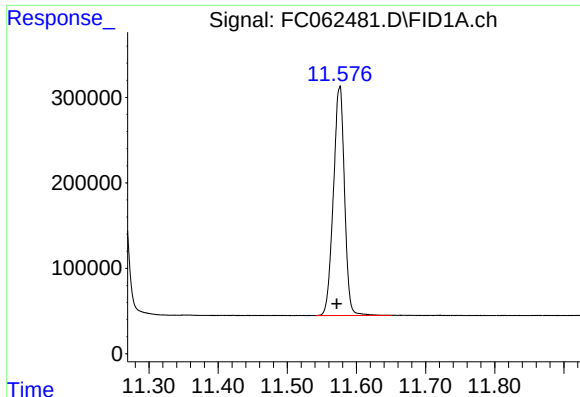
#7 n-Hexadecane (C16)

R.T.: 9.817 min
Delta R.T.: 0.000 min
Response: 2753266
Conc: 21.94 ug/ml



#8 n-Octadecane (C18)

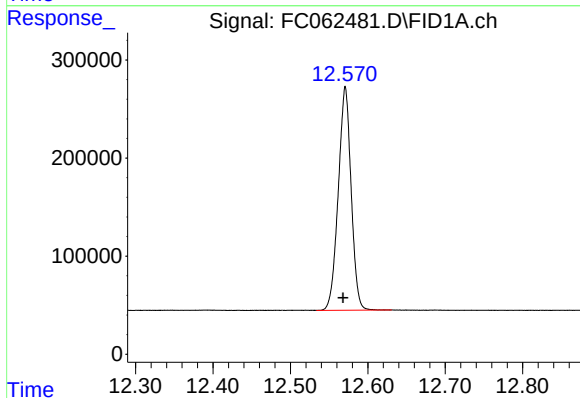
R.T.: 11.260 min
Delta R.T.: 0.002 min
Response: 2759974
Conc: 21.60 ug/ml



#9 ortho-Terphenyl (SURR)

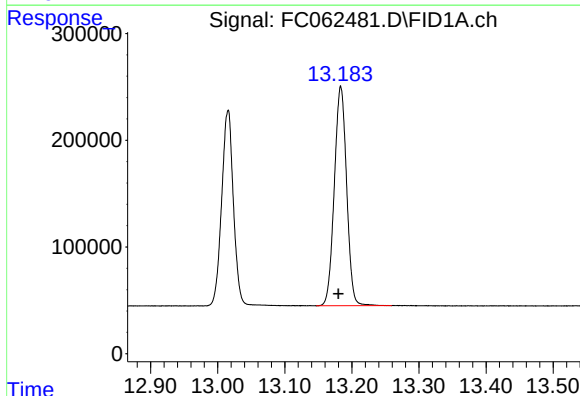
R.T.: 11.576 min
Delta R.T.: 0.004 min
Response: 3002910
Conc: 21.29 ug/ml

Instrument :
FID_C
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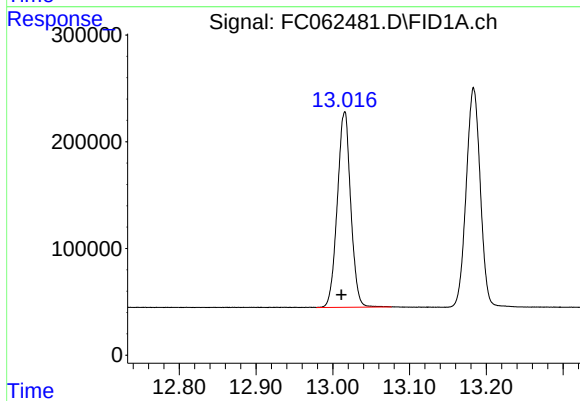
#10 n-Eicosane (C20)

R.T.: 12.571 min
Delta R.T.: 0.003 min
Response: 2632036
Conc: 21.16 ug/ml



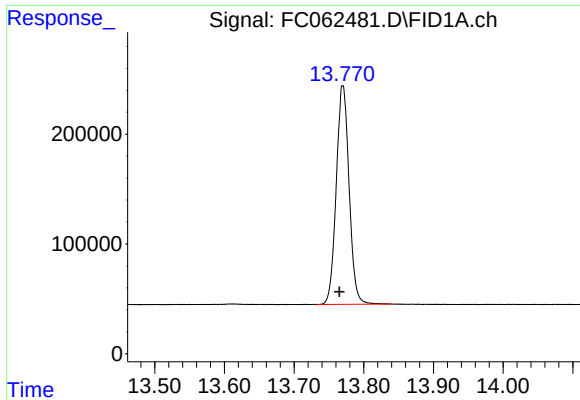
#11 n-Heneicosane (C21)

R.T.: 13.183 min
Delta R.T.: 0.004 min
Response: 2617654
Conc: 21.18 ug/ml



#12 1-chlorooctadecane (SURR)

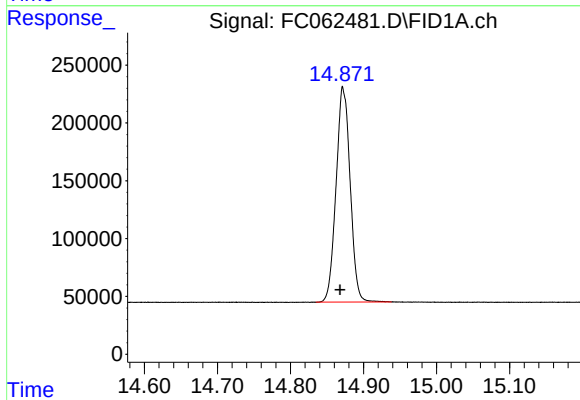
R.T.: 13.015 min
Delta R.T.: 0.004 min
Response: 2222547
Conc: 20.85 ug/ml



#13 n-Docosane (C22)

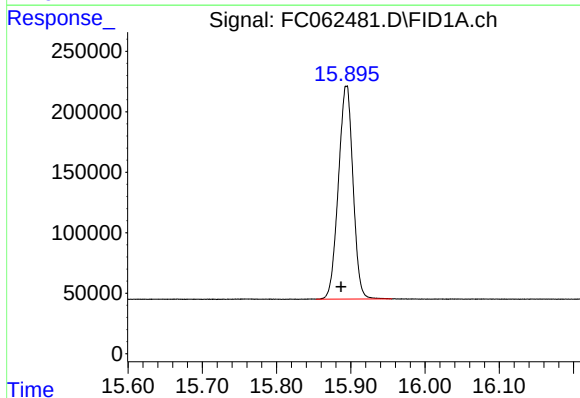
R.T.: 13.770 min
Delta R.T.: 0.005 min
Response: 2559959
Conc: 21.07 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



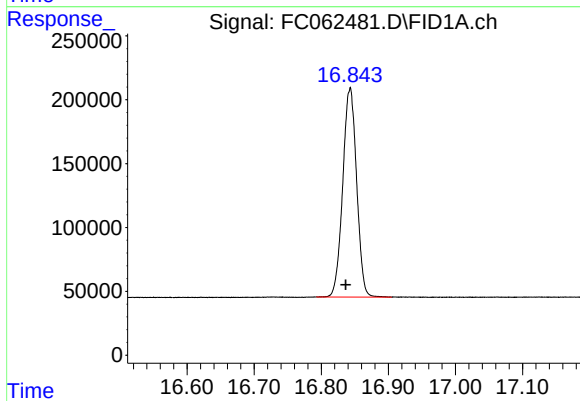
#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: 0.004 min
Response: 2494490
Conc: 20.81 ug/ml



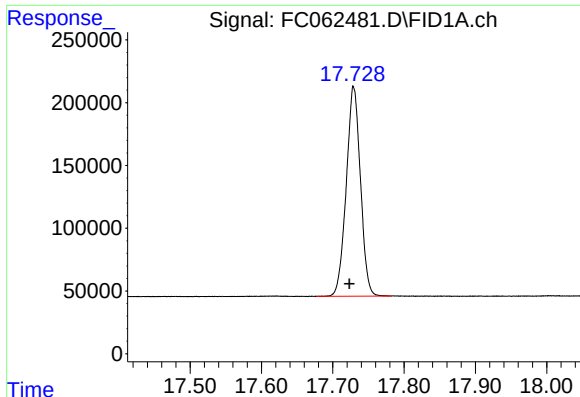
#15 n-Hexacosane (C26)

R.T.: 15.894 min
Delta R.T.: 0.007 min
Response: 2410799
Conc: 20.75 ug/ml



#16 n-Octacosane (C28)

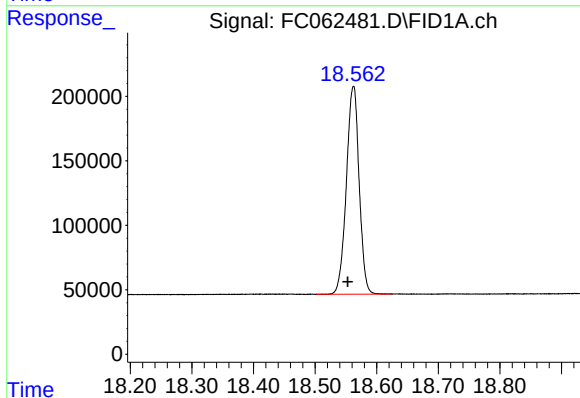
R.T.: 16.843 min
Delta R.T.: 0.007 min
Response: 2349182
Conc: 20.67 ug/ml



#17 n-Tricontane (C30)

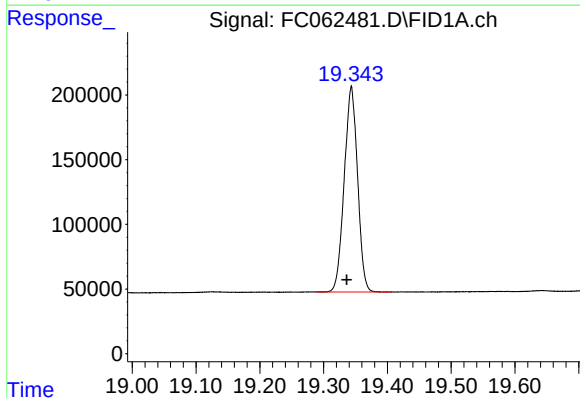
R.T.: 17.729 min
Delta R.T.: 0.006 min
Response: 2310045
Conc: 20.66 ug/ml

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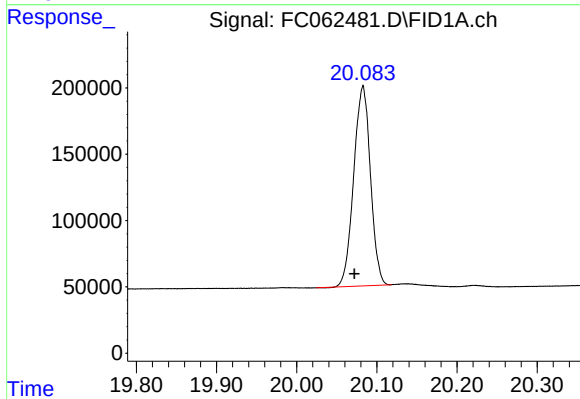
#18 n-Dotriacontane (C32)

R.T.: 18.562 min
Delta R.T.: 0.010 min
Response: 2322185
Conc: 20.90 ug/ml



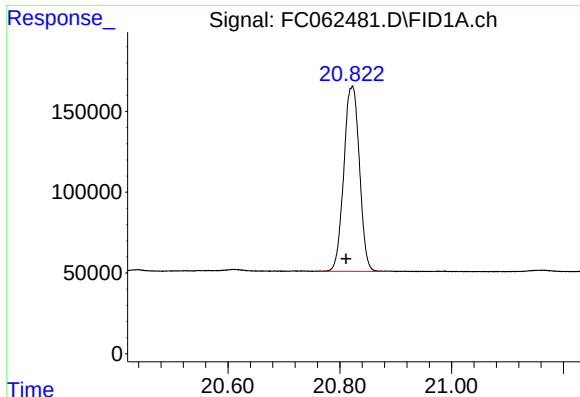
#19 n-Tetratriacontane (C34)

R.T.: 19.343 min
Delta R.T.: 0.007 min
Response: 2307821
Conc: 21.33 ug/ml



#20 n-Hexatriacontane (C36)

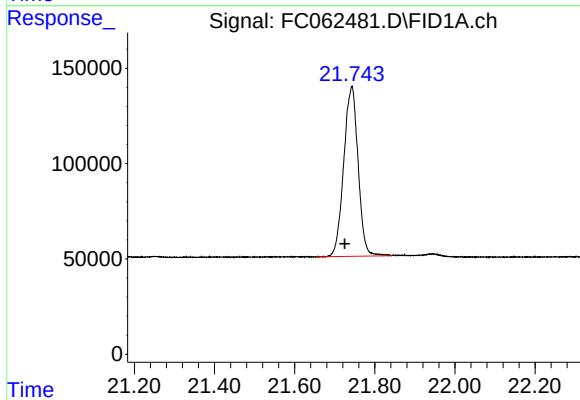
R.T.: 20.083 min
Delta R.T.: 0.011 min
Response: 2184104
Conc: 21.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.823 min
Delta R.T.: 0.011 min
Response: 2220070
Conc: 21.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.743 min
Delta R.T.: 0.018 min
Response: 2216005
Conc: 21.87 ug/ml