

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112222AL\
 Data File : FC062254.D
 Signal(s) : FID1A.ch
 Acq On : 23 Nov 2022 00:01
 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 23 02:57:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:12:05 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)	11.606	2530230	18.537 ug/ml
Spiked Amount 50.000		Recovery =	37.07%
12) S 1-chlorooctadecane (S...	13.044	1929200	18.979 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
Target Compounds			
1) T n-Nonane (C9)	3.360	2575652	18.506 ug/ml
2) T n-Decane (C10)	4.427	2532621	18.719 ug/ml
3) T A~Naphthalene (C11.7)	6.016	2724546	18.597 ug/ml
4) T n-Dodecane (C12)	6.448	2498308	18.701 ug/ml
5) T A~2-methylnaphthalene...	7.074	2482497	18.512 ug/ml
6) T n-Tetradecane (C14)	8.245	2449931	18.767 ug/ml
7) T n-Hexadecane (C16)	9.847	2454608	18.933 ug/ml
8) T n-Octadecane (C18)	11.289	2406266	18.845 ug/ml
10) T n-Eicosane (C20)	12.599	2284313	18.792 ug/ml
11) T n-Heneicosane (C21)	13.211	2260674	18.757 ug/ml
13) T n-Docosane (C22)	13.797	2219012	18.824 ug/ml
14) T n-Tetracosane (C24)	14.900	2182250	18.965 ug/ml
15) T n-Hexacosane (C26)	15.921	2154577	19.337 ug/ml
16) T n-Octacosane (C28)	16.870	2195497	20.024 ug/ml
17) T n-Tricontane (C30)	17.757	2323512	21.217 ug/ml
18) T n-Dotriacontane (C32)	18.588	2416668	21.881 ug/ml
19) T n-Tetratriacontane (C34)	19.371	2334297	21.350 ug/ml
20) T n-Hexatriacontane (C36)	20.109	2179395	20.795 ug/ml
21) T n-Octatriacontane (C38)	20.855	2088789	20.182 ug/ml
22) T n-Tetracontane (C40)	21.779	2062965	20.097 ug/ml

(f)=RT Delta > 1/2 Window

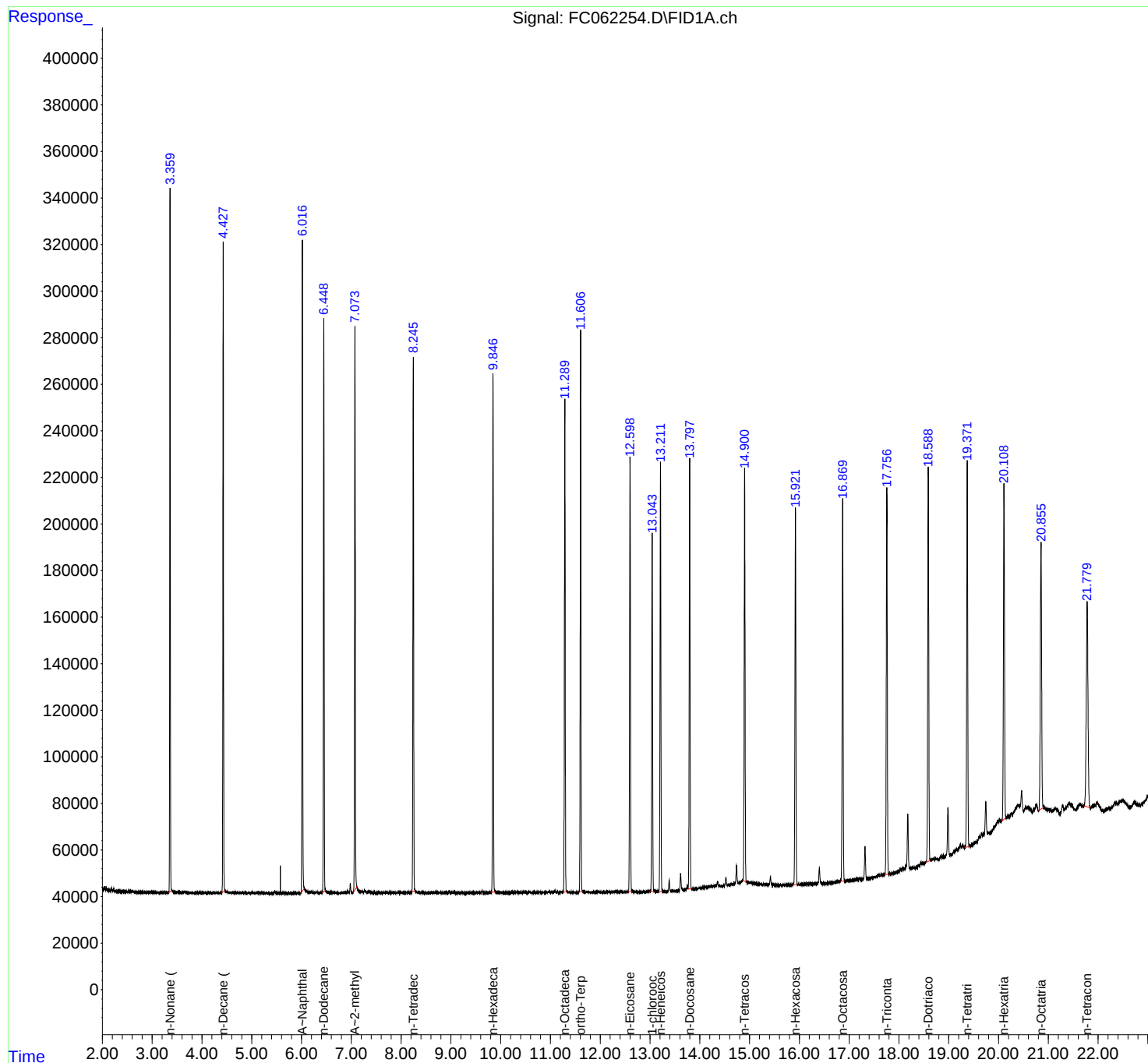
(m)=manual int.

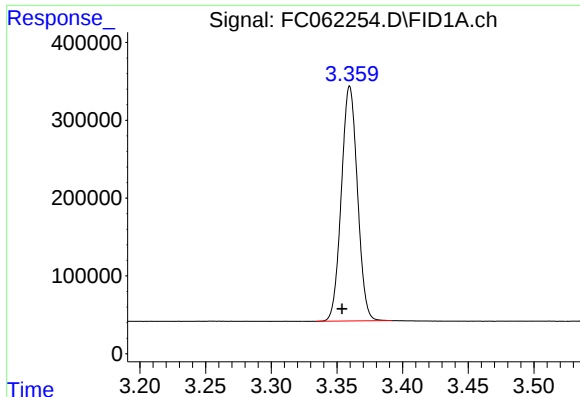
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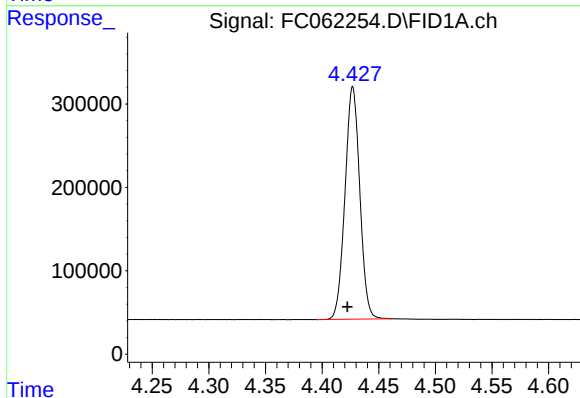




#1 n-Nonane (C9)

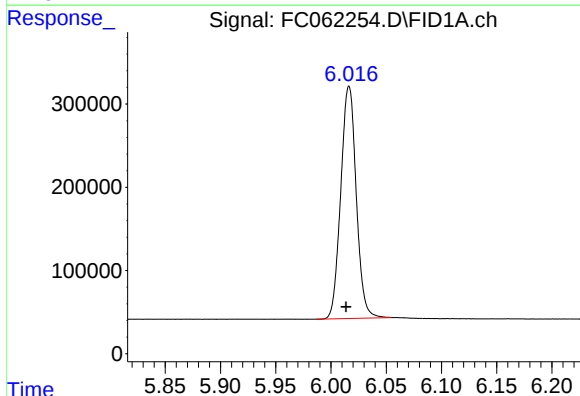
R.T.: 3.360 min
Delta R.T.: 0.006 min
Response: 2575652
Conc: 18.51 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



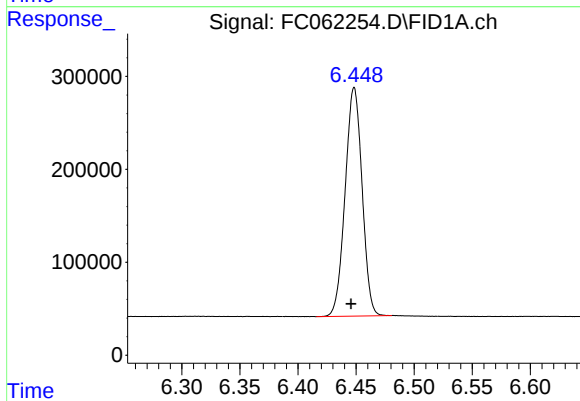
#2 n-Decane (C10)

R.T.: 4.427 min
Delta R.T.: 0.005 min
Response: 2532621
Conc: 18.72 ug/ml



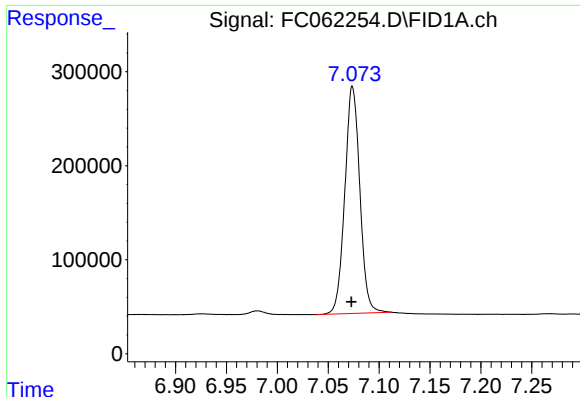
#3 A~Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: 0.003 min
Response: 2724546
Conc: 18.60 ug/ml



#4 n-Dodecane (C12)

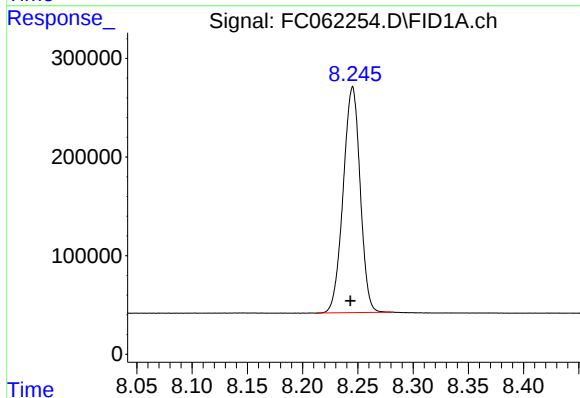
R.T.: 6.448 min
Delta R.T.: 0.003 min
Response: 2498308
Conc: 18.70 ug/ml



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

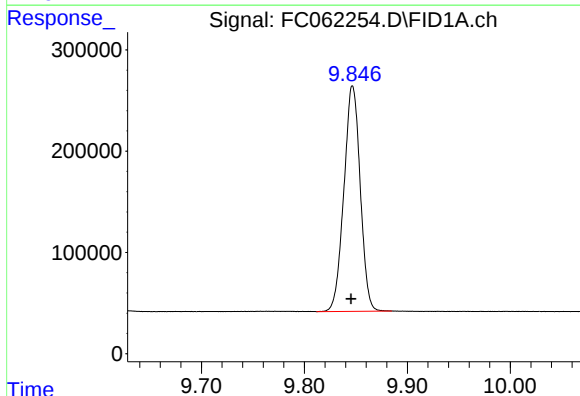
R.T.: 7.074 min
Delta R.T.: 0.001 min
Response: 2482497
Conc: 18.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



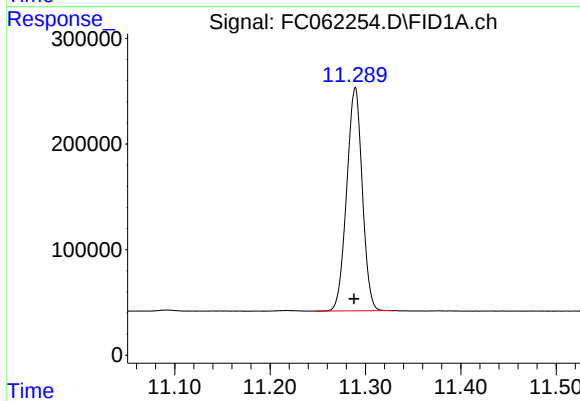
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: 0.002 min
Response: 2449931
Conc: 18.77 ug/ml



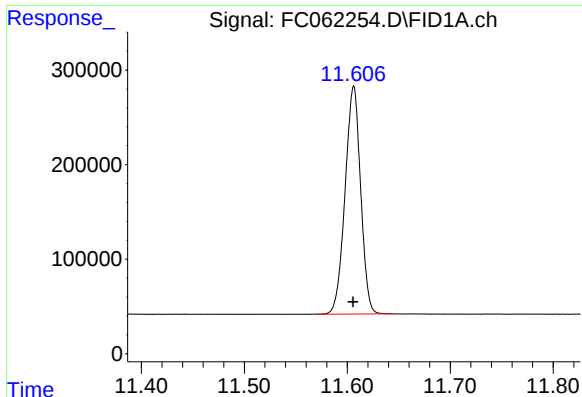
#7 n-Hexadecane (C16)

R.T.: 9.847 min
Delta R.T.: 0.001 min
Response: 2454608
Conc: 18.93 ug/ml



#8 n-Octadecane (C18)

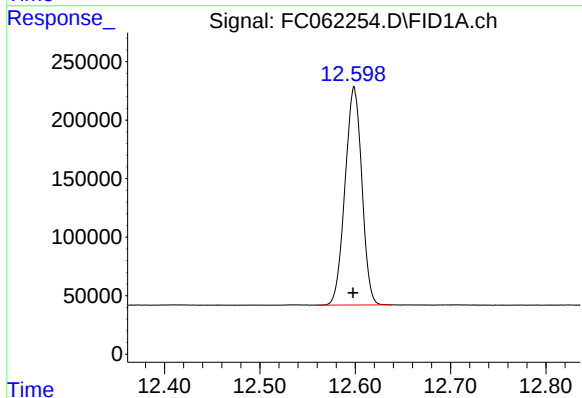
R.T.: 11.289 min
Delta R.T.: 0.001 min
Response: 2406266
Conc: 18.84 ug/ml



#9 ortho-Terphenyl (SURR)

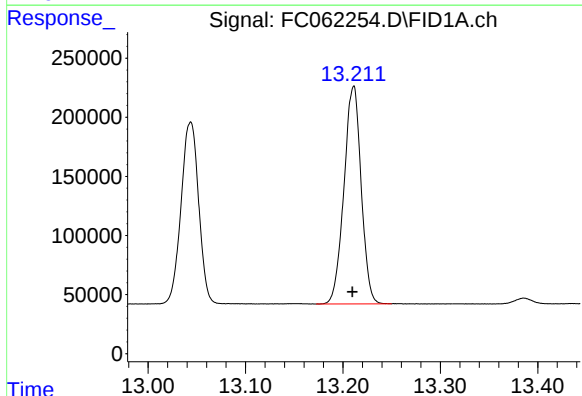
R.T.: 11.606 min
Delta R.T.: 0.000 min
Response: 2530230
Conc: 18.54 ug/ml

Instrument :
FID_C
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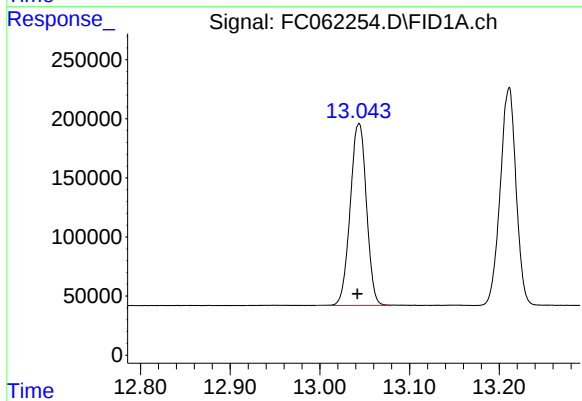
#10 n-Eicosane (C20)

R.T.: 12.599 min
Delta R.T.: 0.001 min
Response: 2284313
Conc: 18.79 ug/ml



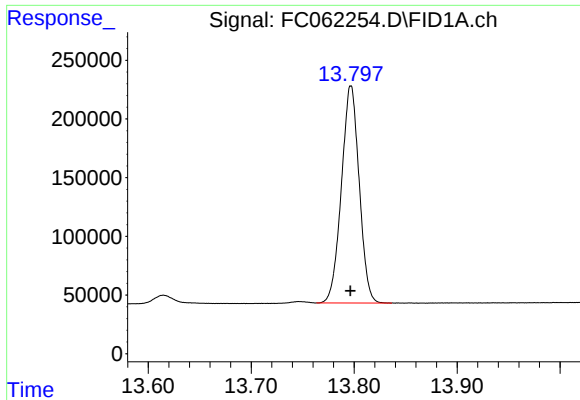
#11 n-Heneicosane (C21)

R.T.: 13.211 min
Delta R.T.: 0.001 min
Response: 2260674
Conc: 18.76 ug/ml



#12 1-chlorooctadecane (SURR)

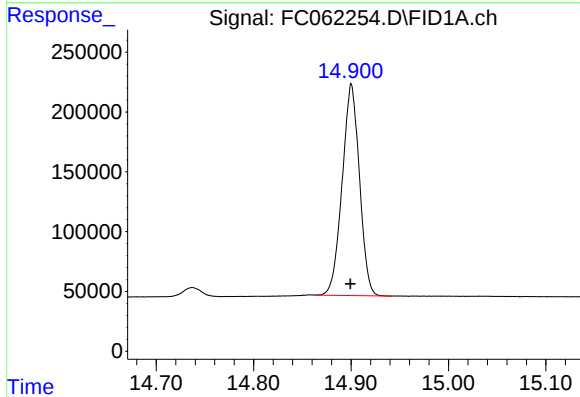
R.T.: 13.044 min
Delta R.T.: 0.002 min
Response: 1929200
Conc: 18.98 ug/ml



#13 n-Docosane (C22)

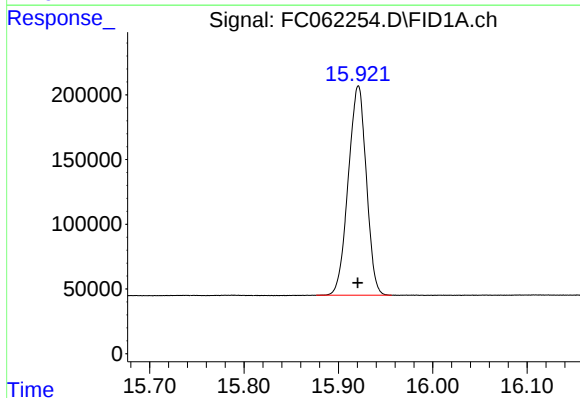
R.T.: 13.797 min
Delta R.T.: 0.000 min
Response: 2219012
Conc: 18.82 ug/ml

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20 PPM ALIPHATIC HC STD



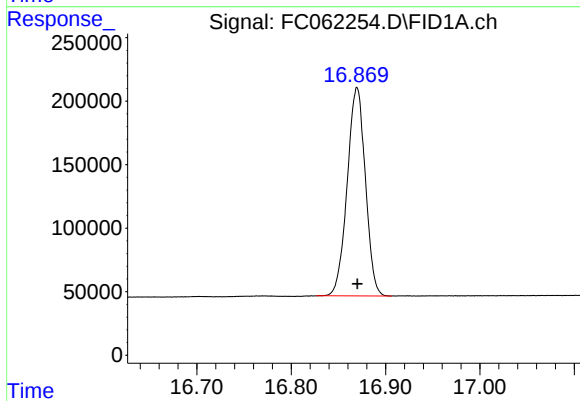
#14 n-Tetracosane (C24)

R.T.: 14.900 min
Delta R.T.: 0.000 min
Response: 2182250
Conc: 18.96 ug/ml



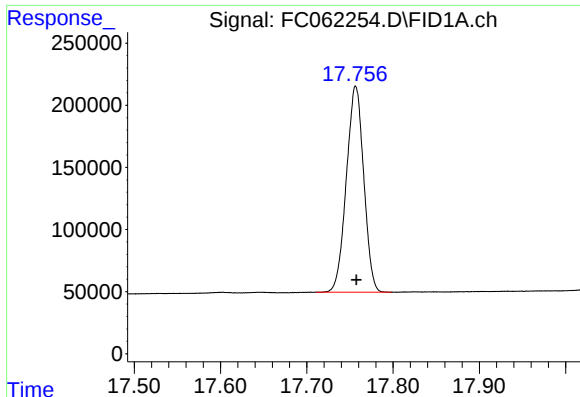
#15 n-Hexacosane (C26)

R.T.: 15.921 min
Delta R.T.: 0.000 min
Response: 2154577
Conc: 19.34 ug/ml



#16 n-Octacosane (C28)

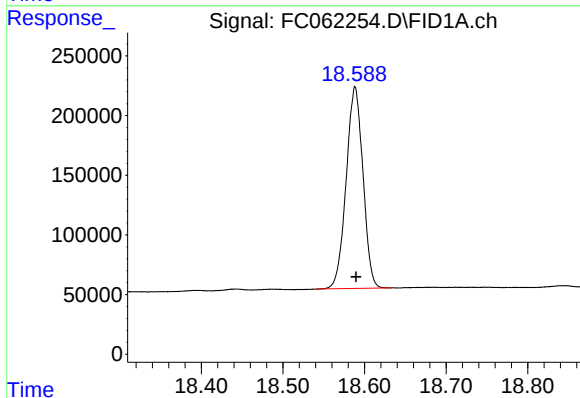
R.T.: 16.870 min
Delta R.T.: 0.000 min
Response: 2195497
Conc: 20.02 ug/ml



#17 n-Tricontane (C30)

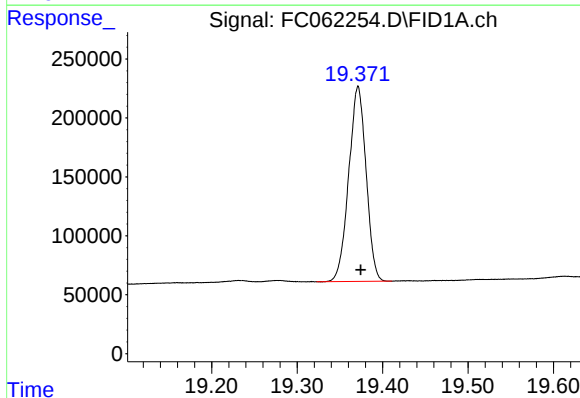
R.T.: 17.757 min
Delta R.T.: 0.000 min
Response: 2323512
Conc: 21.22 ug/ml

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20 PPM ALIPHATIC HC STD



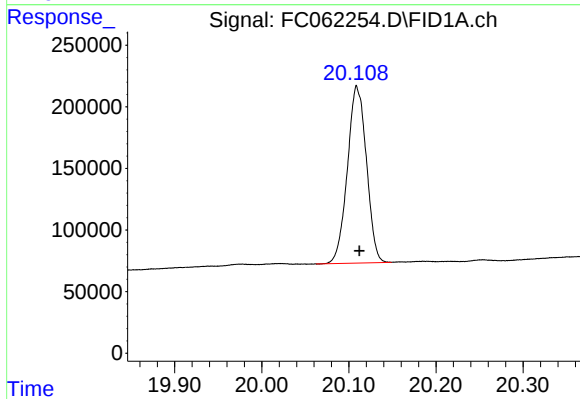
#18 n-Dotriacontane (C32)

R.T.: 18.588 min
Delta R.T.: -0.001 min
Response: 2416668
Conc: 21.88 ug/ml



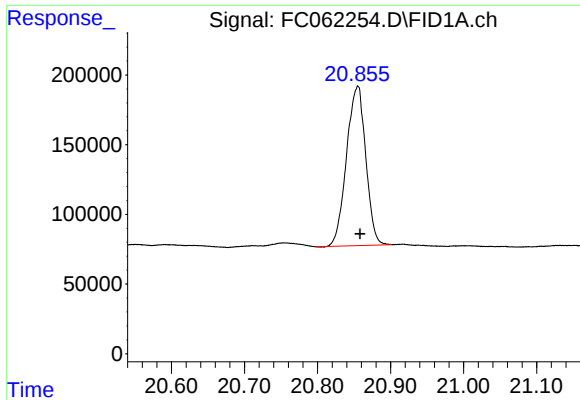
#19 n-Tetratriacontane (C34)

R.T.: 19.371 min
Delta R.T.: -0.003 min
Response: 2334297
Conc: 21.35 ug/ml



#20 n-Hexatriacontane (C36)

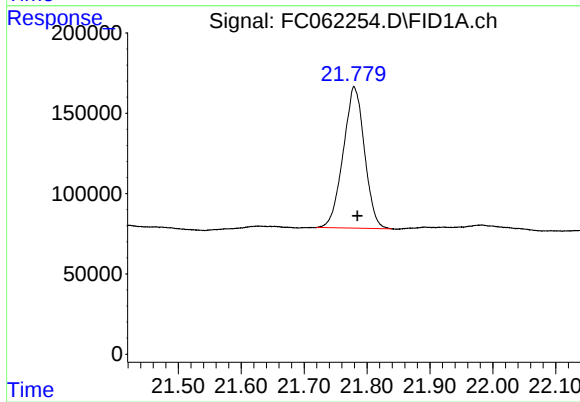
R.T.: 20.109 min
Delta R.T.: -0.003 min
Response: 2179395
Conc: 20.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.855 min
Delta R.T.: -0.003 min
Response: 2088789
Conc: 20.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.779 min
Delta R.T.: -0.006 min
Response: 2062965
Conc: 20.10 ug/ml