

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112322AL\
 Data File : FC062274.D
 Signal(s) : FID1A.ch
 Acq On : 23 Nov 2022 22:48
 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 24 14:16:42 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)	11.592	2407301	17.636 ug/ml
Spiked Amount 50.000		Recovery =	35.27%
12) S 1-chlorooctadecane (S...	13.031	1831898	18.022 ug/ml
Spiked Amount 50.000		Recovery =	36.04%
Target Compounds			
1) T n-Nonane (C9)	3.343	2412828	17.336 ug/ml
2) T n-Decane (C10)	4.412	2372187	17.533 ug/ml
3) T A~Naphthalene (C11.7)	6.000	2555121	17.441 ug/ml
4) T n-Dodecane (C12)	6.434	2338738	17.507 ug/ml
5) T A~2-methylnaphthalene...	7.058	2327744	17.358 ug/ml
6) T n-Tetradecane (C14)	8.231	2298207	17.605 ug/ml
7) T n-Hexadecane (C16)	9.834	2311127	17.826 ug/ml
8) T n-Octadecane (C18)	11.276	2274382	17.812 ug/ml
10) T n-Eicosane (C20)	12.585	2166161	17.820 ug/ml
11) T n-Heneicosane (C21)	13.198	2151080	17.848 ug/ml
13) T n-Docosane (C22)	13.784	2111230	17.909 ug/ml
14) T n-Tetracosane (C24)	14.888	2079905	18.075 ug/ml
15) T n-Hexacosane (C26)	15.907	2056987	18.461 ug/ml
16) T n-Octacosane (C28)	16.857	2118227	19.319 ug/ml
17) T n-Tricontane (C30)	17.744	2282683	20.844 ug/ml
18) T n-Dotriacontane (C32)	18.576	2386862	21.611 ug/ml
19) T n-Tetratriacontane (C34)	19.359	2297749	21.015 ug/ml
20) T n-Hexatriacontane (C36)	20.098	2119213	20.221 ug/ml
21) T n-Octatriacontane (C38)	20.840	2020653	19.524 ug/ml
22) T n-Tetracontane (C40)	21.765	1974428	19.234 ug/ml

(f)=RT Delta > 1/2 Window

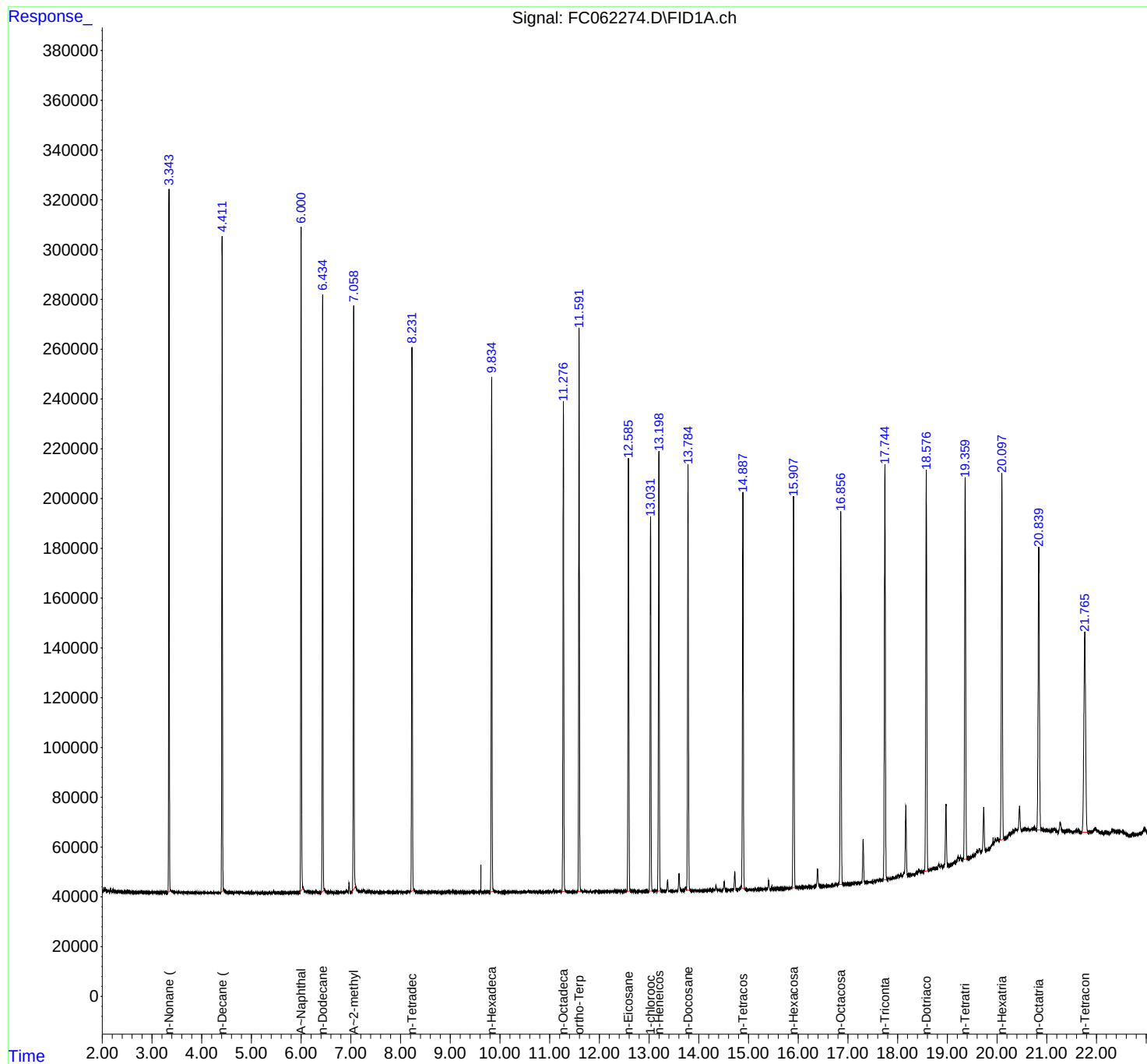
(m)=manual int.

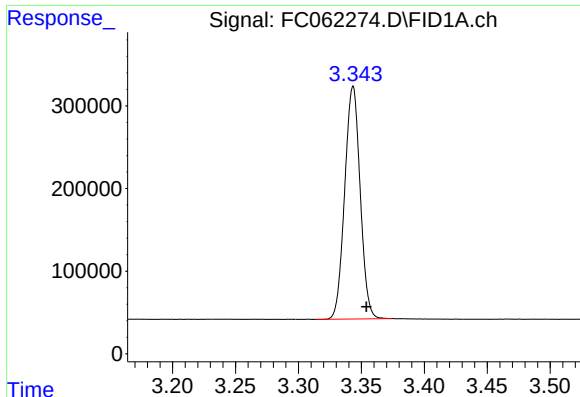
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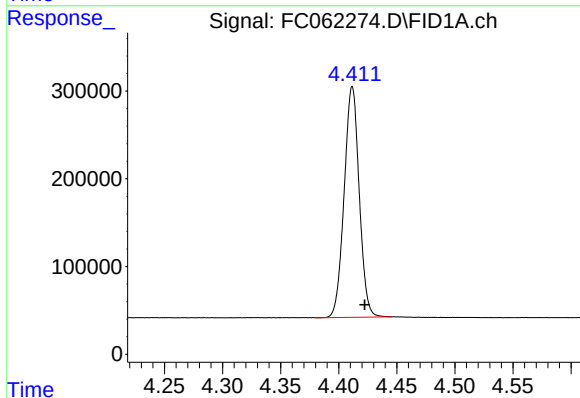




#1 n-Nonane (C9)

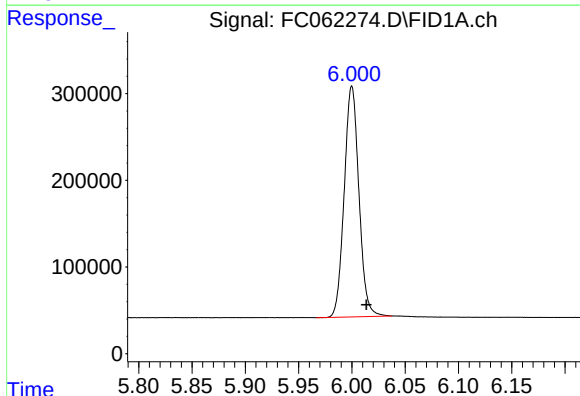
R.T.: 3.343 min
Delta R.T.: -0.011 min
Response: 2412828
Conc: 17.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



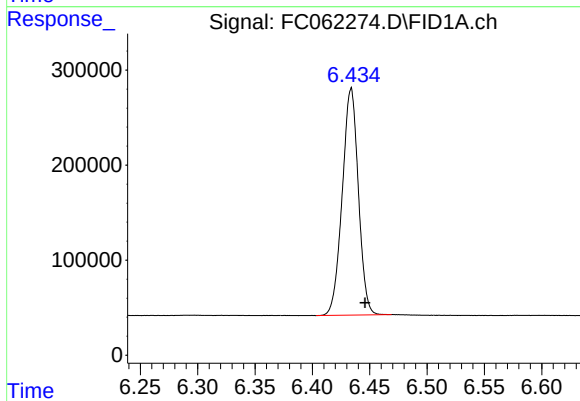
#2 n-Decane (C10)

R.T.: 4.412 min
Delta R.T.: -0.011 min
Response: 2372187
Conc: 17.53 ug/ml



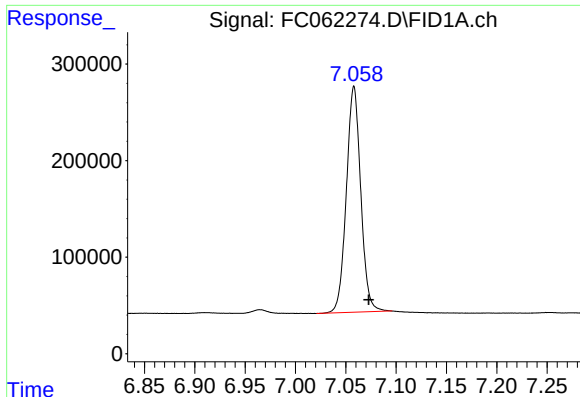
#3 A~Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: -0.014 min
Response: 2555121
Conc: 17.44 ug/ml



#4 n-Dodecane (C12)

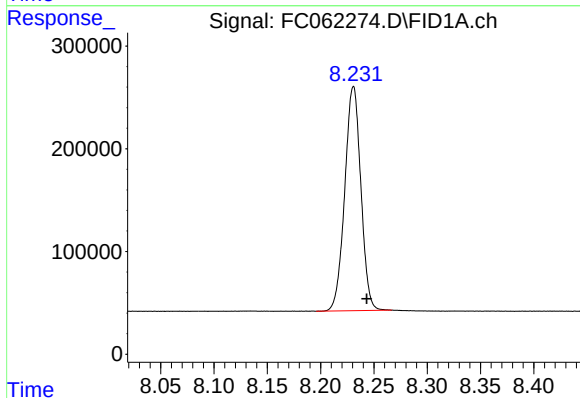
R.T.: 6.434 min
Delta R.T.: -0.012 min
Response: 2338738
Conc: 17.51 ug/ml



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

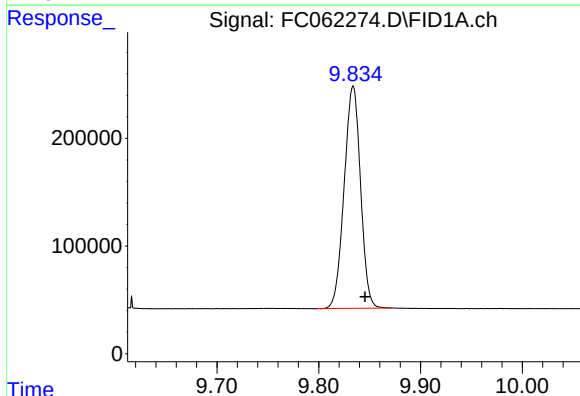
R.T.: 7.058 min
Delta R.T.: -0.015 min
Response: 2327744
Conc: 17.36 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



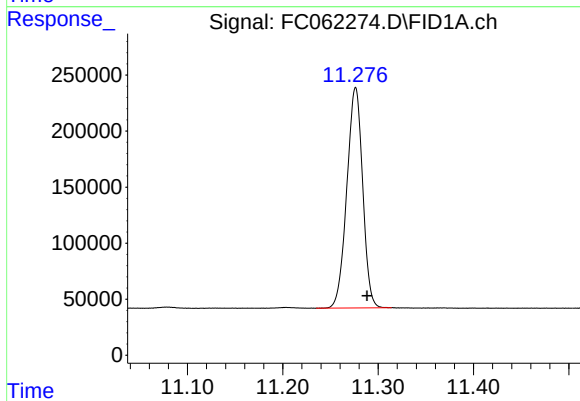
#6 n-Tetradecane (C14)

R.T.: 8.231 min
Delta R.T.: -0.012 min
Response: 2298207
Conc: 17.61 ug/ml



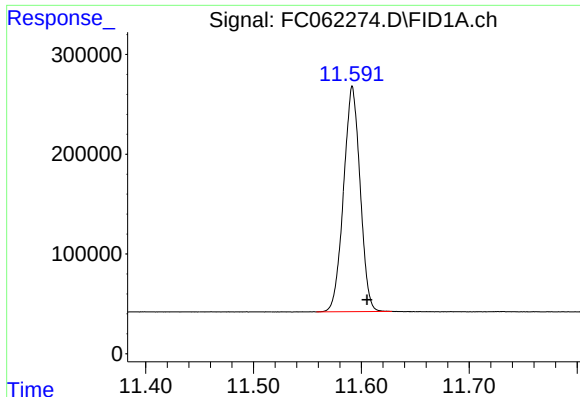
#7 n-Hexadecane (C16)

R.T.: 9.834 min
Delta R.T.: -0.012 min
Response: 2311127
Conc: 17.83 ug/ml



#8 n-Octadecane (C18)

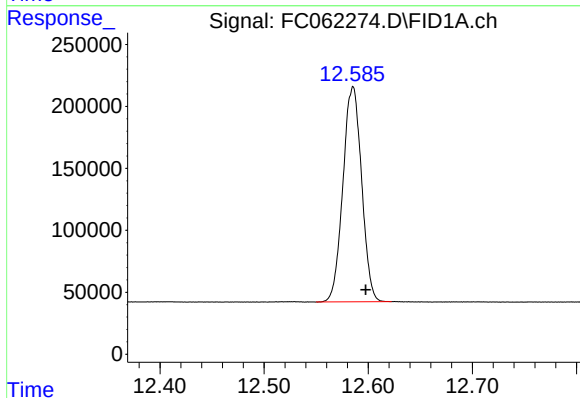
R.T.: 11.276 min
Delta R.T.: -0.012 min
Response: 2274382
Conc: 17.81 ug/ml



#9 ortho-Terphenyl (SURR)

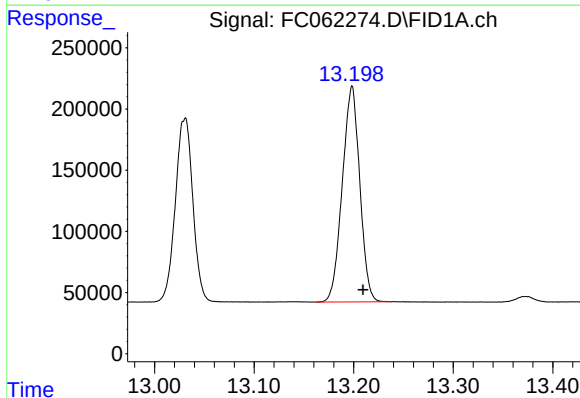
R.T.: 11.592 min
Delta R.T.: -0.014 min
Response: 2407301
Conc: 17.64 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



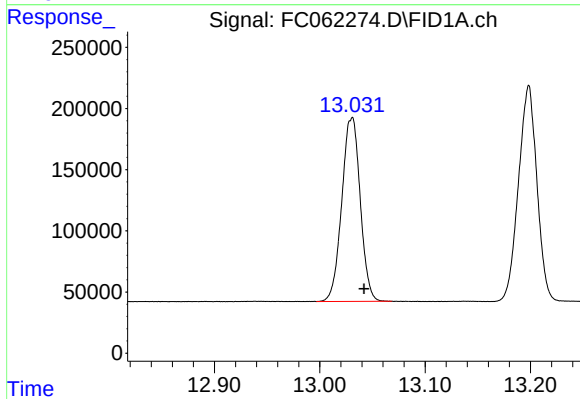
#10 n-Eicosane (C20)

R.T.: 12.585 min
Delta R.T.: -0.012 min
Response: 2166161
Conc: 17.82 ug/ml



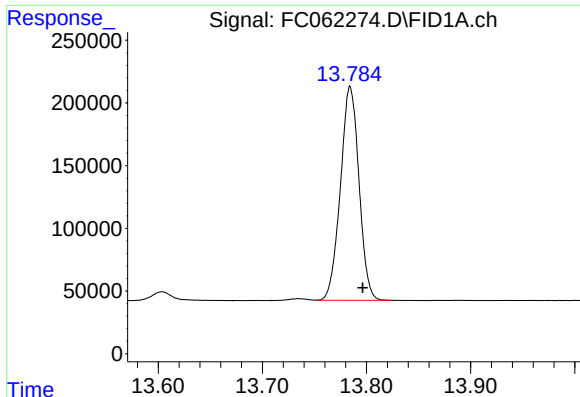
#11 n-Heneicosane (C21)

R.T.: 13.198 min
Delta R.T.: -0.011 min
Response: 2151080
Conc: 17.85 ug/ml



#12 1-chlorooctadecane (SURR)

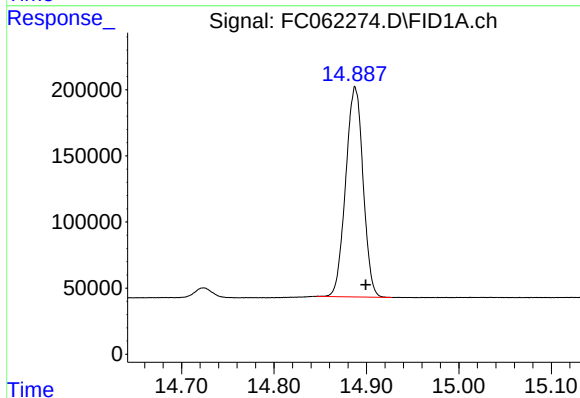
R.T.: 13.031 min
Delta R.T.: -0.011 min
Response: 1831898
Conc: 18.02 ug/ml



#13 n-Docosane (C22)

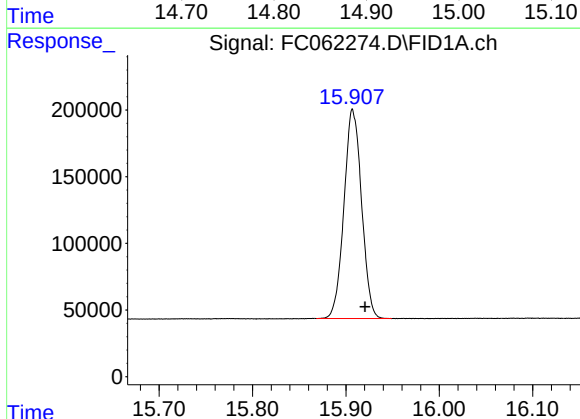
R.T.: 13.784 min
Delta R.T.: -0.012 min
Response: 2111230
Conc: 17.91 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



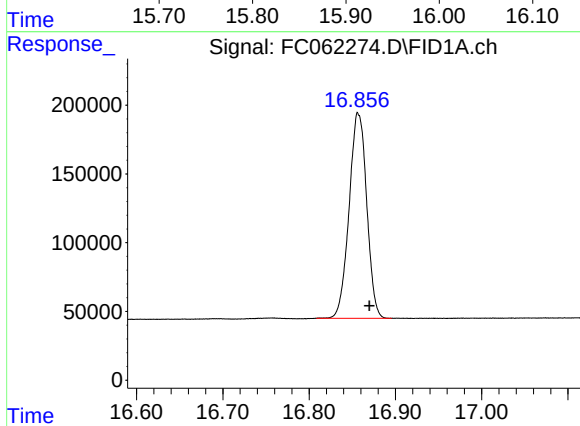
#14 n-Tetracosane (C24)

R.T.: 14.888 min
Delta R.T.: -0.012 min
Response: 2079905
Conc: 18.08 ug/ml



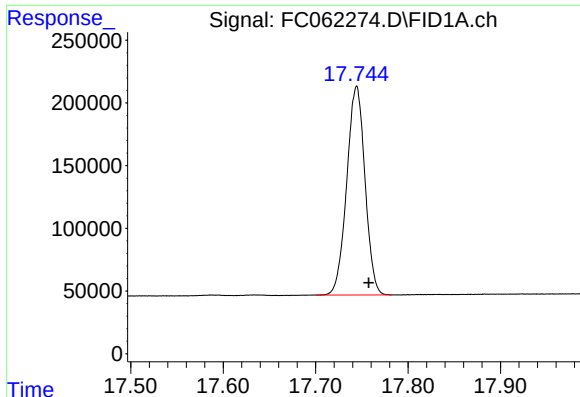
#15 n-Hexacosane (C26)

R.T.: 15.907 min
Delta R.T.: -0.013 min
Response: 2056987
Conc: 18.46 ug/ml



#16 n-Octacosane (C28)

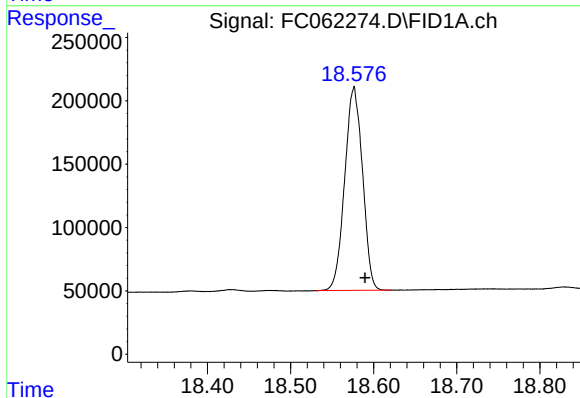
R.T.: 16.857 min
Delta R.T.: -0.013 min
Response: 2118227
Conc: 19.32 ug/ml



#17 n-Tricontane (C30)

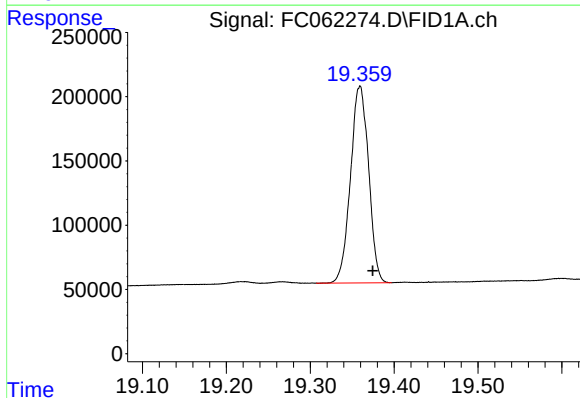
R.T.: 17.744 min
Delta R.T.: -0.013 min
Response: 2282683
Conc: 20.84 ug/ml

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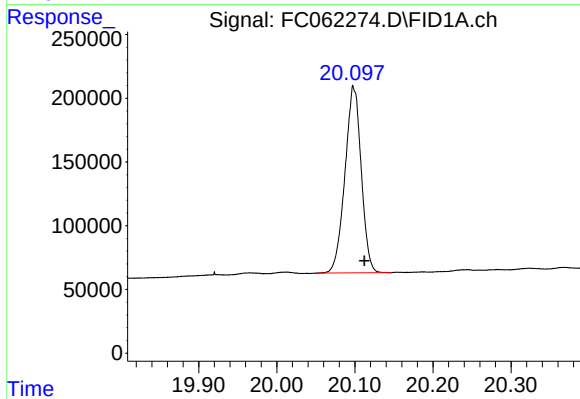
#18 n-Dotriacontane (C32)

R.T.: 18.576 min
Delta R.T.: -0.013 min
Response: 2386862
Conc: 21.61 ug/ml



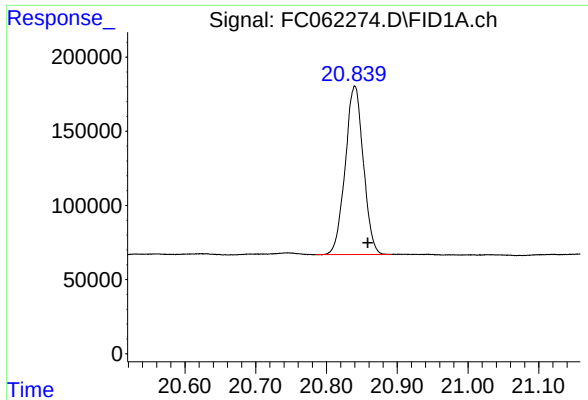
#19 n-Tetratriacontane (C34)

R.T.: 19.359 min
Delta R.T.: -0.015 min
Response: 2297749
Conc: 21.02 ug/ml



#20 n-Hexatriacontane (C36)

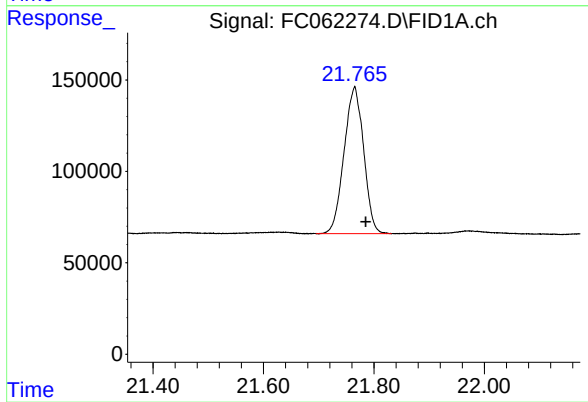
R.T.: 20.098 min
Delta R.T.: -0.014 min
Response: 2119213
Conc: 20.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.840 min
Delta R.T.: -0.018 min
Response: 2020653
Conc: 19.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.765 min
Delta R.T.: -0.020 min
Response: 1974428
Conc: 19.23 ug/ml