

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051923AL\
 Data File : FC063656.D
 Signal(s) : FID1A.ch
 Acq On : 20 May 2023 10:01
 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: May 20 11:18:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 2023
 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)	11.527	3694353	19.718 ug/ml
Spiked Amount 50.000		Recovery =	39.44%
12) S 1-chlorooctadecane (S...	12.963	2615861	19.977 ug/ml
Spiked Amount 50.000		Recovery =	39.95%
Target Compounds			
1) T n-Nonane (C9)	3.304	3262052	20.375 ug/ml
2) T n-Decane (C10)	4.367	3300700	20.398 ug/ml
3) T A~Naphthalene (C11.7)	5.950	3448012	20.308 ug/ml
4) T n-Dodecane (C12)	6.384	3288431	20.201 ug/ml
5) T A~2-methylnaphthalene...	7.006	3298662	20.394 ug/ml
6) T n-Tetradecane (C14)	8.177	3176425	20.113 ug/ml
7) T n-Hexadecane (C16)	9.775	3216939	20.052 ug/ml
8) T n-Octadecane (C18)	11.214	3210056	20.043 ug/ml
10) T n-Eicosane (C20)	12.520	3027654	19.956 ug/ml
11) T n-Heneicosane (C21)	13.130	2950399	20.133 ug/ml
13) T n-Docosane (C22)	13.717	2900971	20.104 ug/ml
14) T n-Tetracosane (C24)	14.815	2852302	20.277 ug/ml
15) T n-Hexacosane (C26)	15.833	2785199	20.394 ug/ml
16) T n-Octacosane (C28)	16.780	2743213	20.740 ug/ml
17) T n-Tricontane (C30)	17.664	2864394	21.303 ug/ml
18) T n-Dotriacontane (C32)	18.495	2856559	21.394 ug/ml
19) T n-Tetratriacontane (C34)	19.274	2767381	21.319 ug/ml
20) T n-Hexatriacontane (C36)	20.012	2636651	21.291 ug/ml
21) T n-Octatriacontane (C38)	20.736	2657859	21.270 ug/ml
22) T n-Tetracontane (C40)	21.631	2615743	21.278 ug/ml

(f)=RT Delta > 1/2 Window

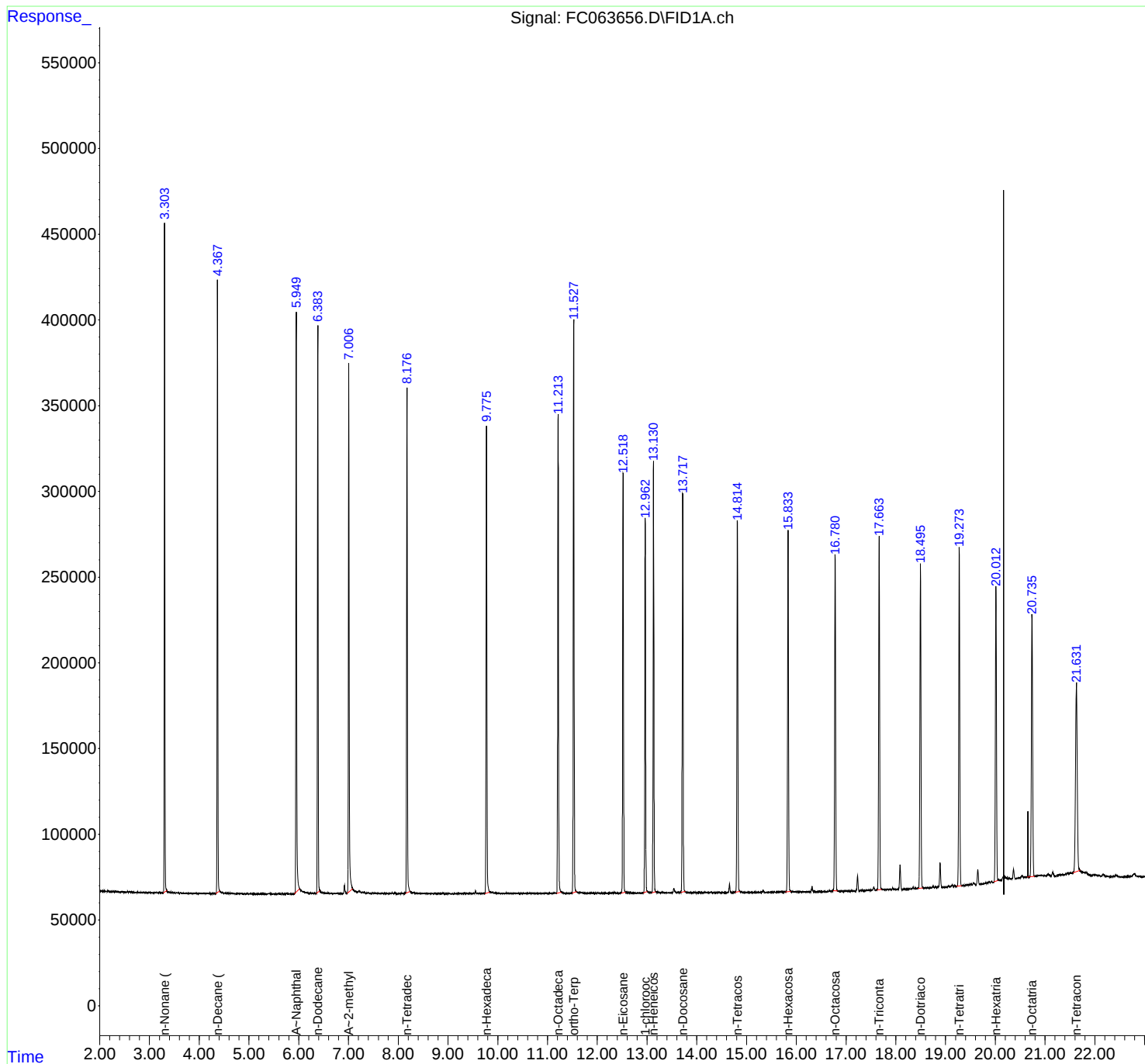
(m)=manual int.

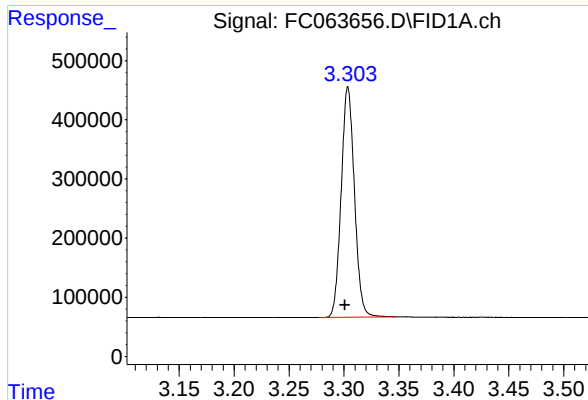
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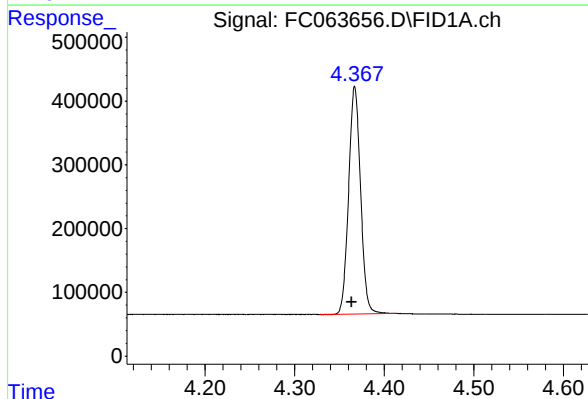




#1 n-Nonane (C9)

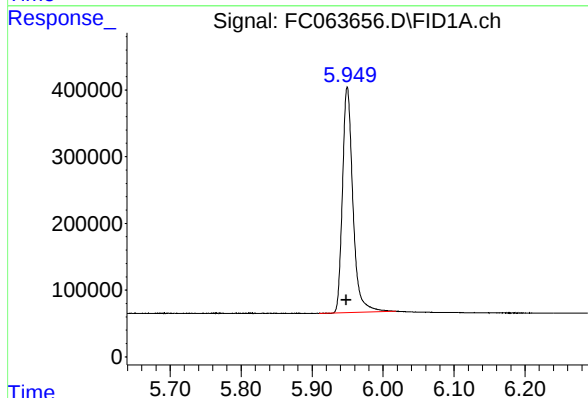
R.T.: 3.304 min
Delta R.T.: 0.003 min
Response: 3262052
Conc: 20.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



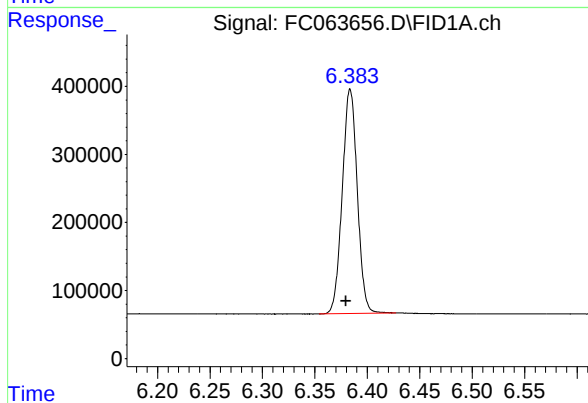
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.003 min
Response: 3300700
Conc: 20.40 ug/ml



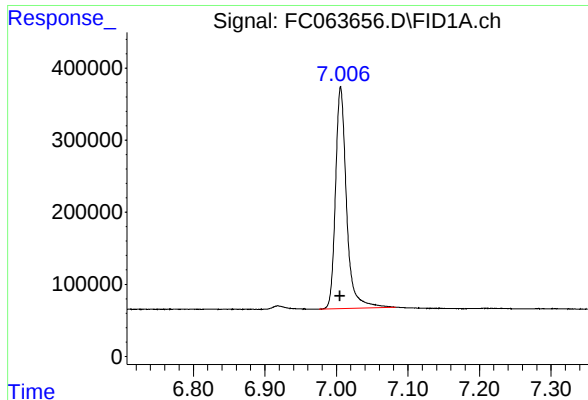
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: 0.001 min
Response: 3448012
Conc: 20.31 ug/ml



#4 n-Dodecane (C12)

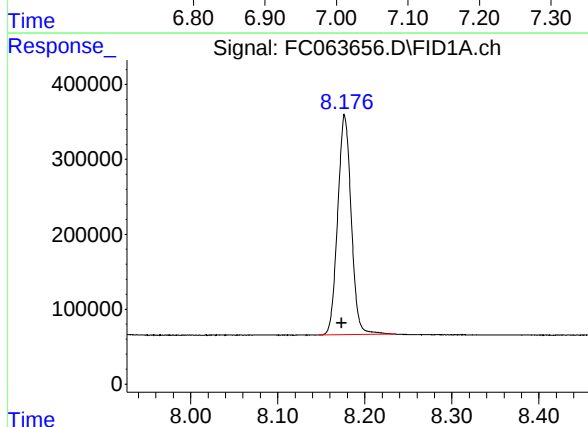
R.T.: 6.384 min
Delta R.T.: 0.004 min
Response: 3288431
Conc: 20.20 ug/ml



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

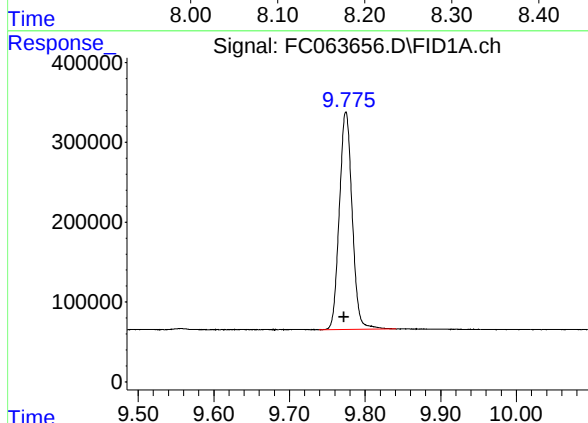
R.T.: 7.006 min
Delta R.T.: 0.001 min
Response: 3298662
Conc: 20.39 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



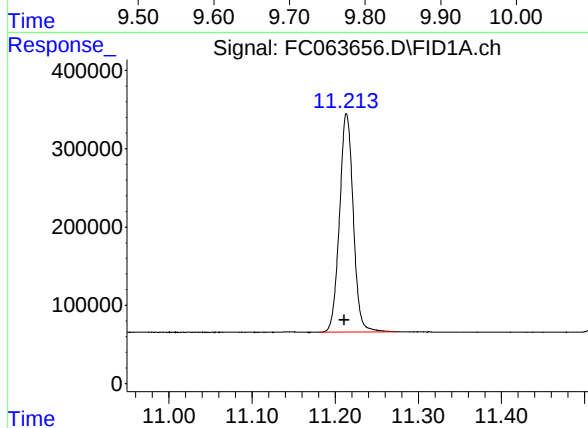
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: 0.003 min
Response: 3176425
Conc: 20.11 ug/ml



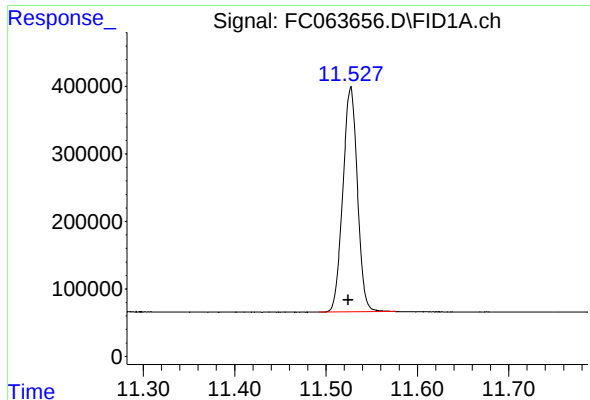
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: 0.002 min
Response: 3216939
Conc: 20.05 ug/ml



#8 n-Octadecane (C18)

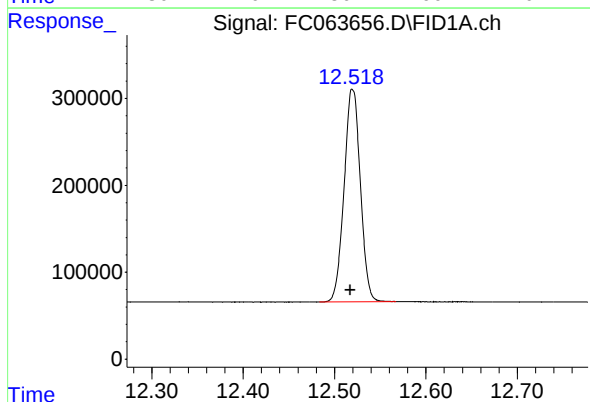
R.T.: 11.214 min
Delta R.T.: 0.003 min
Response: 3210056
Conc: 20.04 ug/ml



#9 ortho-Terphenyl (SURR)

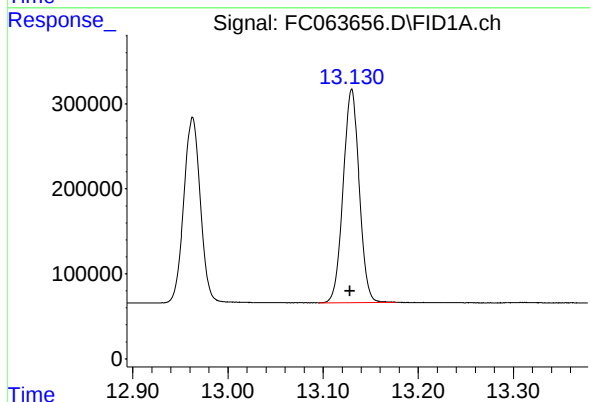
R.T.: 11.527 min
Delta R.T.: 0.003 min
Response: 3694353
Conc: 19.72 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



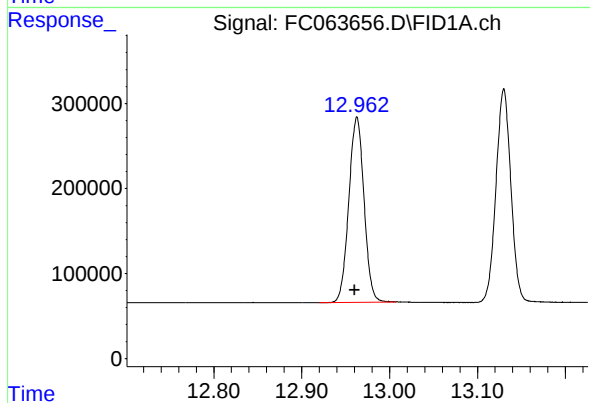
#10 n-Eicosane (C20)

R.T.: 12.520 min
Delta R.T.: 0.002 min
Response: 3027654
Conc: 19.96 ug/ml



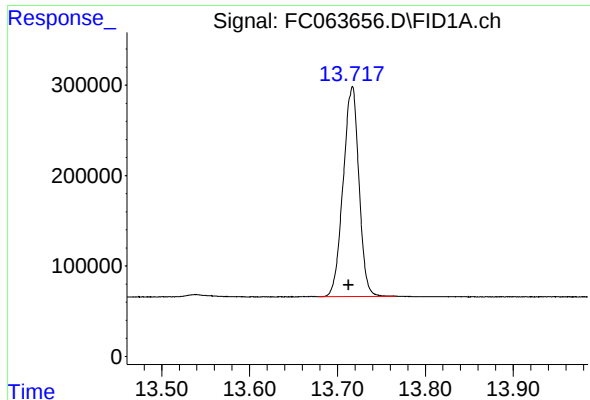
#11 n-Heneicosane (C21)

R.T.: 13.130 min
Delta R.T.: 0.002 min
Response: 2950399
Conc: 20.13 ug/ml



#12 1-chlorooctadecane (SURR)

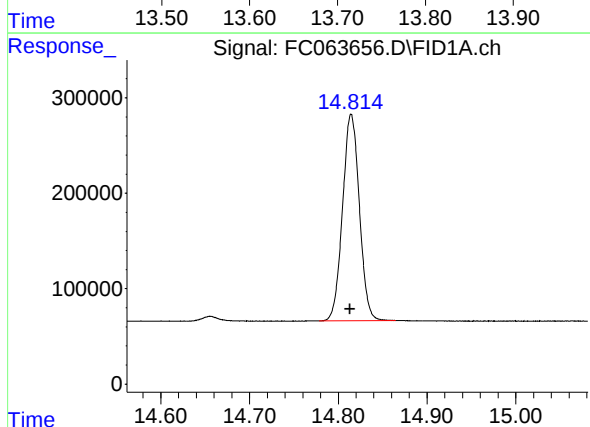
R.T.: 12.963 min
Delta R.T.: 0.003 min
Response: 2615861
Conc: 19.98 ug/ml



#13 n-Docosane (C22)

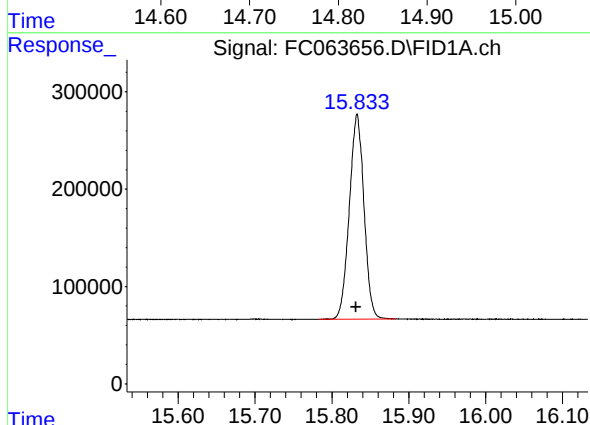
R.T.: 13.717 min
Delta R.T.: 0.004 min
Response: 2900971
Conc: 20.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



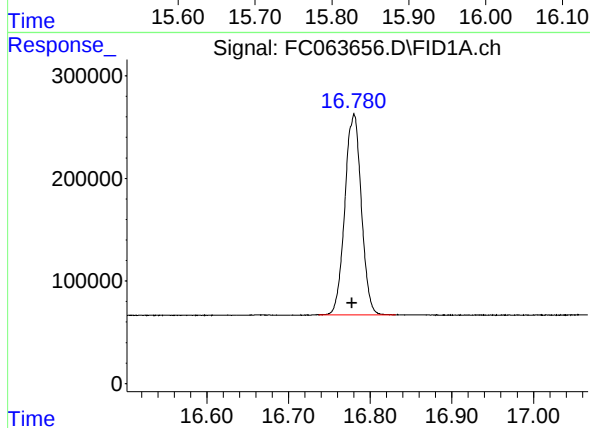
#14 n-Tetracosane (C24)

R.T.: 14.815 min
Delta R.T.: 0.001 min
Response: 2852302
Conc: 20.28 ug/ml



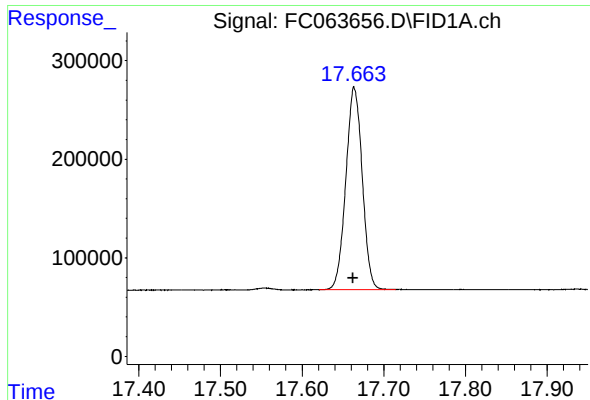
#15 n-Hexacosane (C26)

R.T.: 15.833 min
Delta R.T.: 0.002 min
Response: 2785199
Conc: 20.39 ug/ml



#16 n-Octacosane (C28)

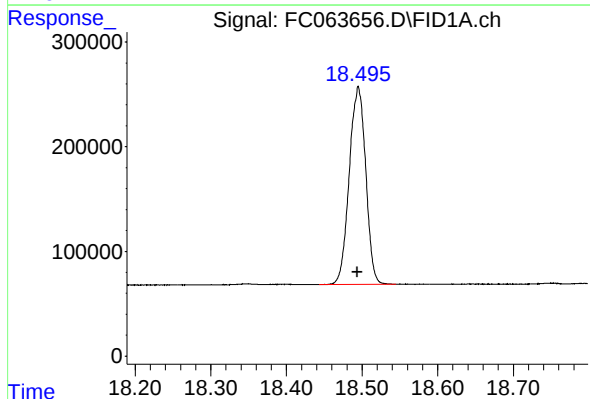
R.T.: 16.780 min
Delta R.T.: 0.003 min
Response: 2743213
Conc: 20.74 ug/ml



#17 n-Tricontane (C30)

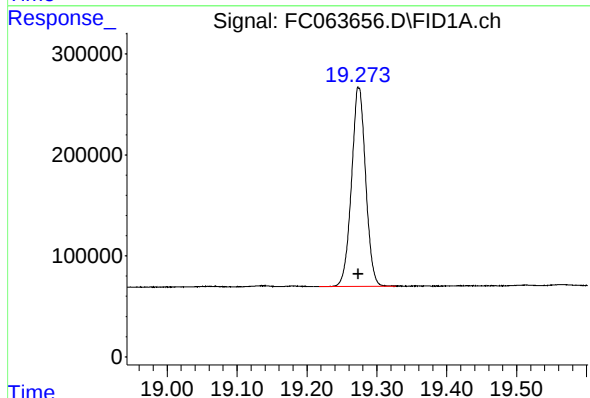
R.T.: 17.664 min
Delta R.T.: 0.001 min
Response: 2864394
Conc: 21.30 ug/ml

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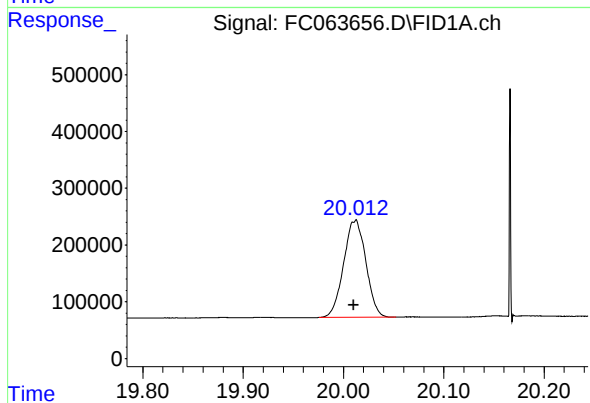
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: 0.002 min
Response: 2856559
Conc: 21.39 ug/ml



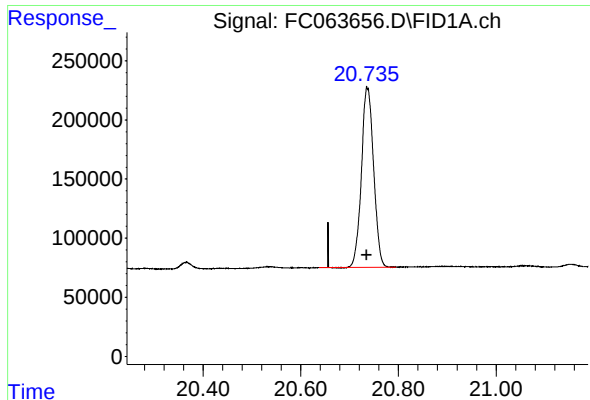
#19 n-Tetatriacontane (C34)

R.T.: 19.274 min
Delta R.T.: 0.000 min
Response: 2767381
Conc: 21.32 ug/ml



#20 n-Hexatriacontane (C36)

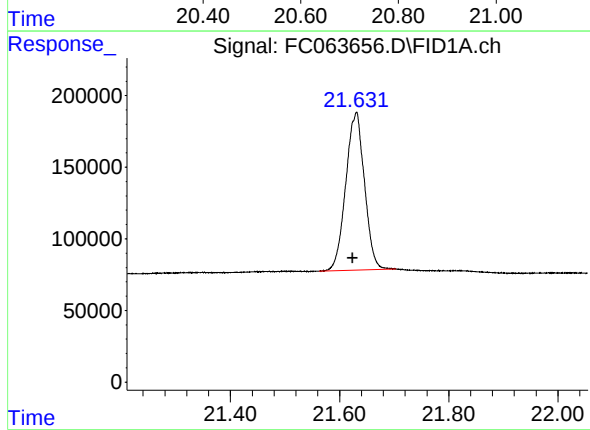
R.T.: 20.012 min
Delta R.T.: 0.002 min
Response: 2636651
Conc: 21.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.736 min
Delta R.T.: 0.001 min
Response: 2657859
Conc: 21.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.631 min
Delta R.T.: 0.007 min
Response: 2615743
Conc: 21.28 ug/ml