

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040423AL\
 Data File : FC063292.D
 Signal(s) : FID1A.ch
 Acq On : 04 Apr 2023 20:39
 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: Apr 05 01:00:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 031523.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 16 01:30:46 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)	11.530	2404224	18.364 ug/ml
Spiked Amount 50.000		Recovery =	36.73%
12) S 1-chlorooctadecane (S...	12.968	1754861	18.187 ug/ml
Spiked Amount 50.000		Recovery =	36.37%
Target Compounds			
1) T n-Nonane (C9)	3.299	2355359	19.472 ug/ml
2) T n-Decane (C10)	4.365	2359011	20.049 ug/ml
3) T A~Naphthalene (C11.7)	5.949	2465494	19.147 ug/ml
4) T n-Dodecane (C12)	6.384	2325780	19.793 ug/ml
5) T A~2-methylnaphthalene...	7.006	2399793	20.403 ug/ml
6) T n-Tetradecane (C14)	8.178	2310101	20.065 ug/ml
7) T n-Hexadecane (C16)	9.777	2284474	19.609 ug/ml
8) T n-Octadecane (C18)	11.218	2316238	19.592 ug/ml
10) T n-Eicosane (C20)	12.526	2277783	19.773 ug/ml
11) T n-Heneicosane (C21)	13.136	2261190	19.618 ug/ml
13) T n-Docosane (C22)	13.721	2236501	19.641 ug/ml
14) T n-Tetracosane (C24)	14.822	2230298	19.617 ug/ml
15) T n-Hexacosane (C26)	15.841	2236283	19.871 ug/ml
16) T n-Octacosane (C28)	16.787	2295927	20.401 ug/ml
17) T n-Tricontane (C30)	17.671	2506995	22.042 ug/ml
18) T n-Dotriacontane (C32)	18.502	2618192	22.629 ug/ml
19) T n-Tetratriacontane (C34)	19.283	2461888	21.419 ug/ml
20) T n-Hexatriacontane (C36)	20.022	2269854	20.773 ug/ml
21) T n-Octatriacontane (C38)	20.748	2053469	19.005 ug/ml
22) T n-Tetracontane (C40)	21.641	1714376	16.189 ug/ml

(f)=RT Delta > 1/2 Window

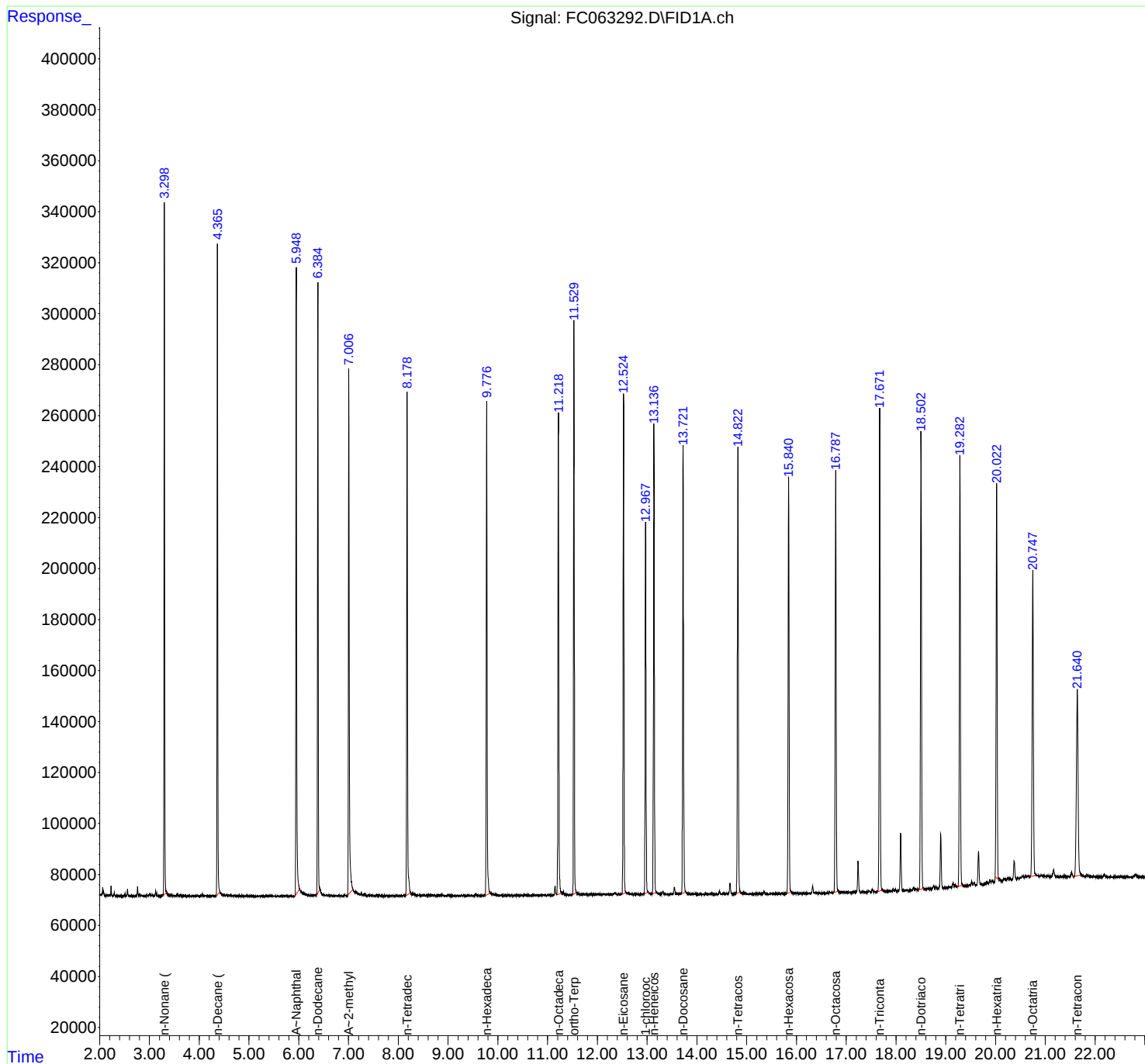
(m)=manual int.

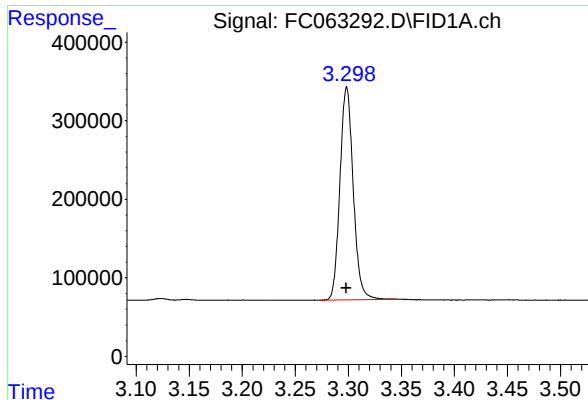
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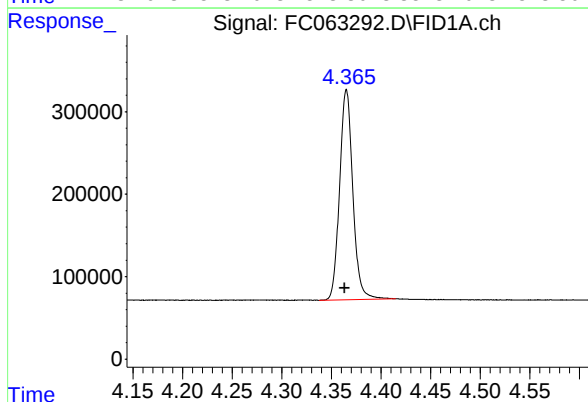




#1 n-Nonane (C9)

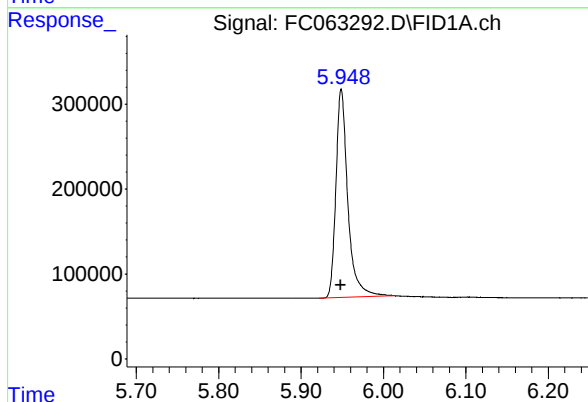
R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 2355359
Conc: 19.47 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



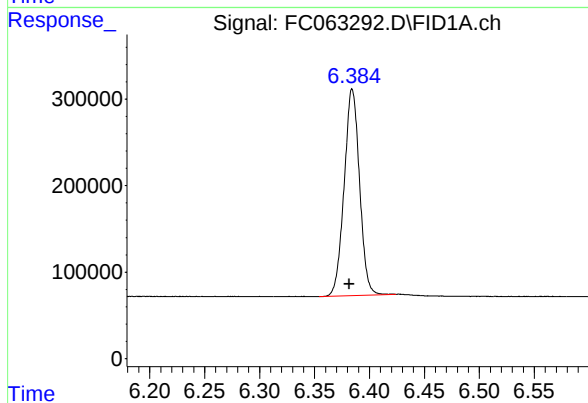
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.002 min
Response: 2359011
Conc: 20.05 ug/ml



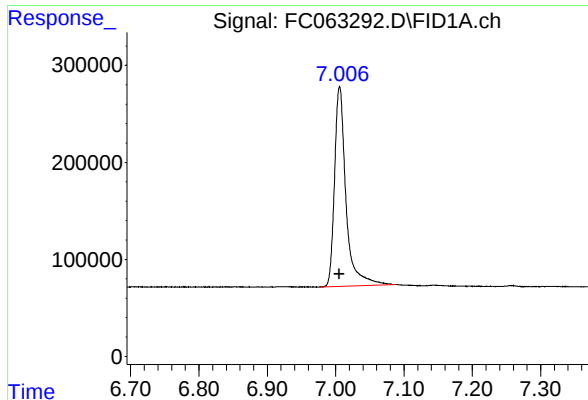
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 2465494
Conc: 19.15 ug/ml



#4 n-Dodecane (C12)

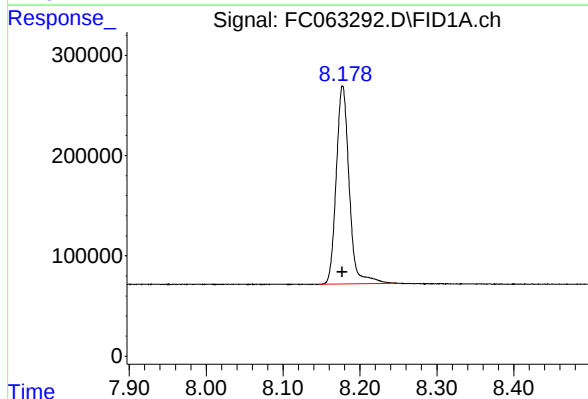
R.T.: 6.384 min
Delta R.T.: 0.003 min
Response: 2325780
Conc: 19.79 ug/ml



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

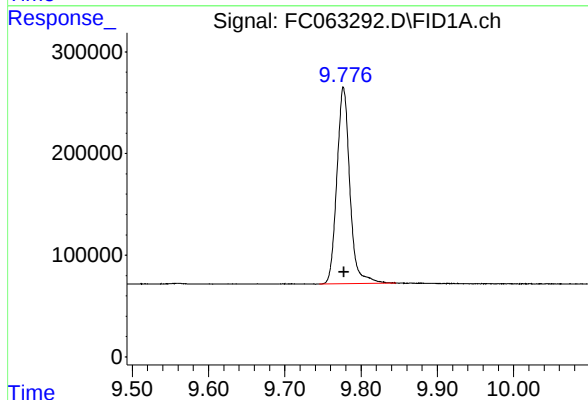
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 2399793
Conc: 20.40 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



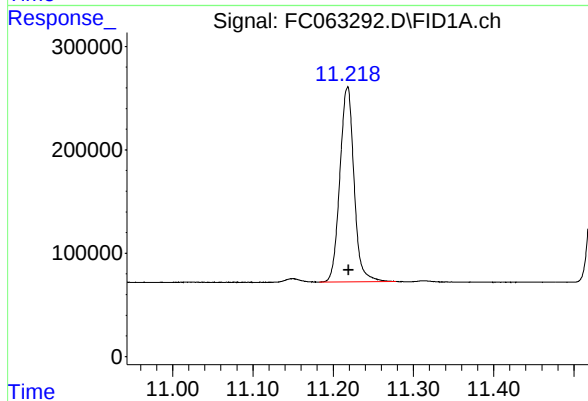
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 2310101
Conc: 20.07 ug/ml



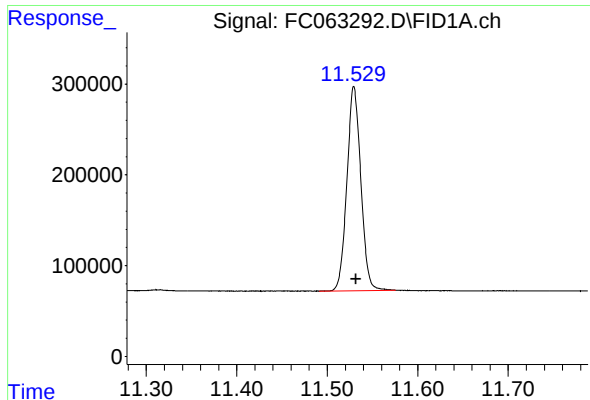
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: 0.000 min
Response: 2284474
Conc: 19.61 ug/ml



#8 n-Octadecane (C18)

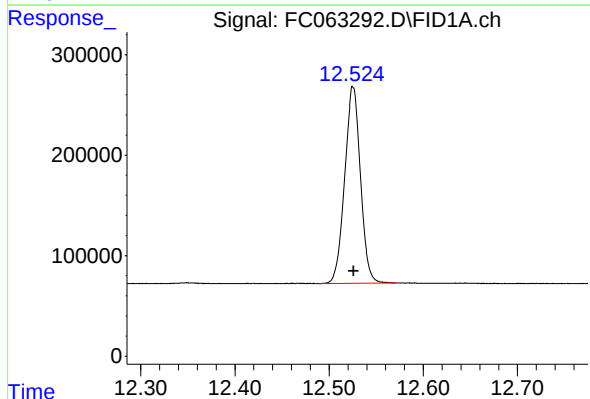
R.T.: 11.218 min
Delta R.T.: -0.001 min
Response: 2316238
Conc: 19.59 ug/ml



#9 ortho-Terphenyl (SURR)

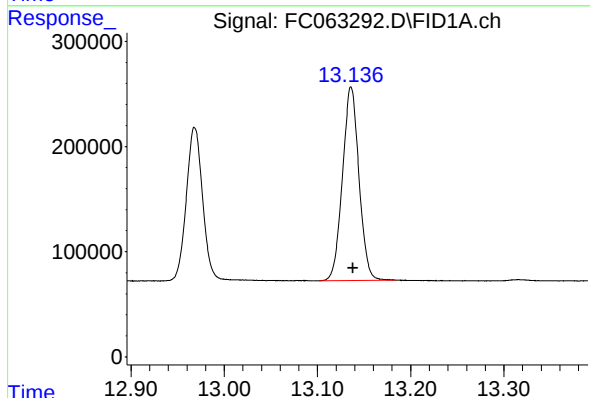
R.T.: 11.530 min
Delta R.T.: -0.002 min
Response: 2404224
Conc: 18.36 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



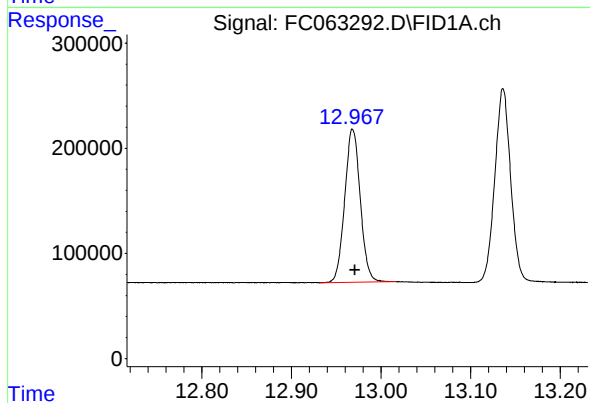
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: 0.000 min
Response: 2277783
Conc: 19.77 ug/ml



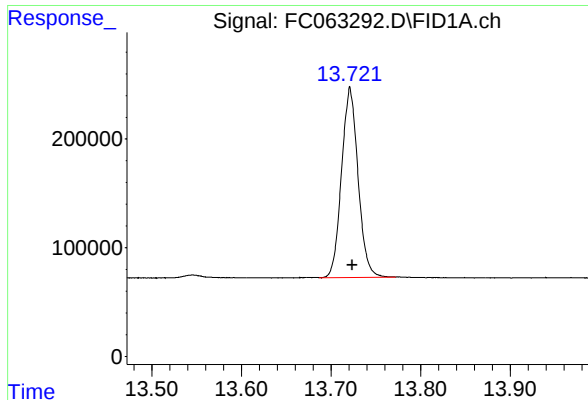
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.002 min
Response: 2261190
Conc: 19.62 ug/ml



#12 1-chlorooctadecane (SURR)

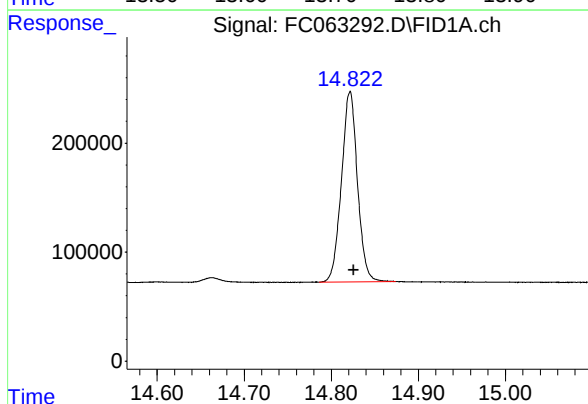
R.T.: 12.968 min
Delta R.T.: -0.003 min
Response: 1754861
Conc: 18.19 ug/ml



#13 n-Docosane (C22)

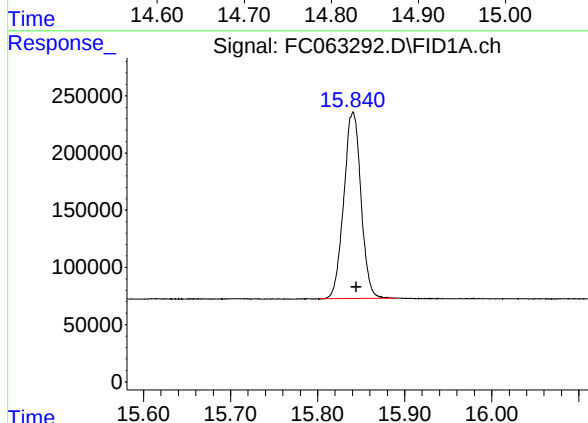
R.T.: 13.721 min
Delta R.T.: -0.002 min
Response: 2236501
Conc: 19.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



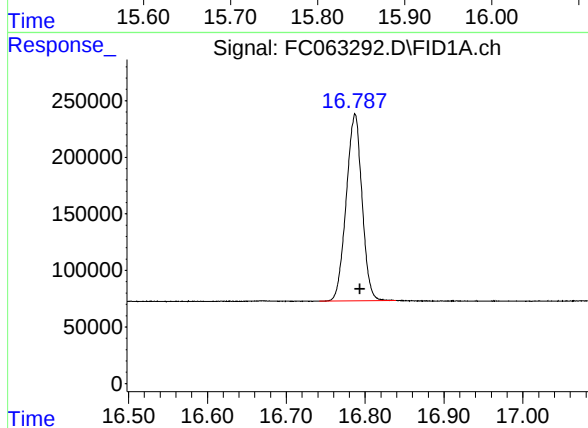
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: -0.004 min
Response: 2230298
Conc: 19.62 ug/ml



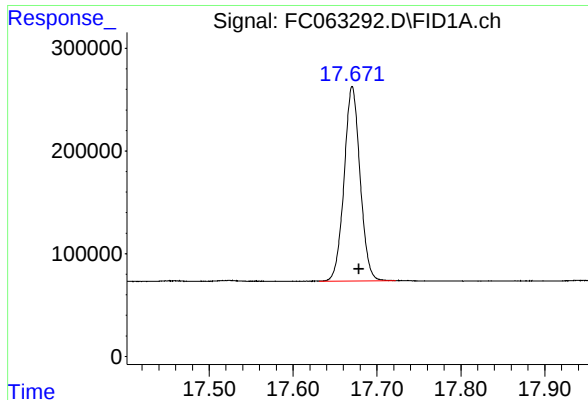
#15 n-Hexacosane (C26)

R.T.: 15.841 min
Delta R.T.: -0.004 min
Response: 2236283
Conc: 19.87 ug/ml



#16 n-Octacosane (C28)

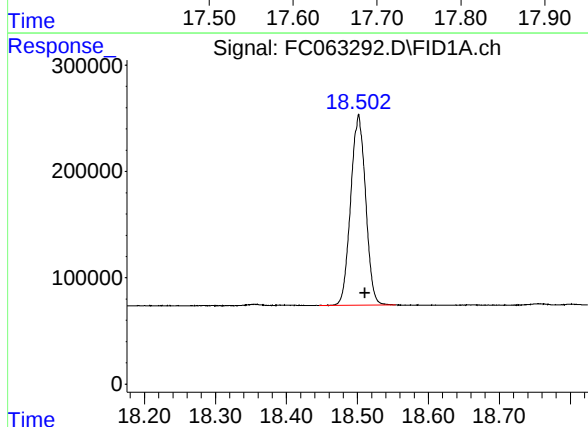
R.T.: 16.787 min
Delta R.T.: -0.006 min
Response: 2295927
Conc: 20.40 ug/ml



#17 n-Tricontane (C30)

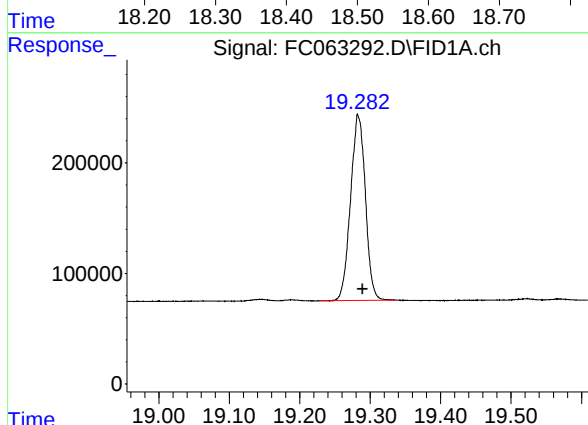
R.T.: 17.671 min
Delta R.T.: -0.008 min
Response: 2506995
Conc: 22.04 ug/ml

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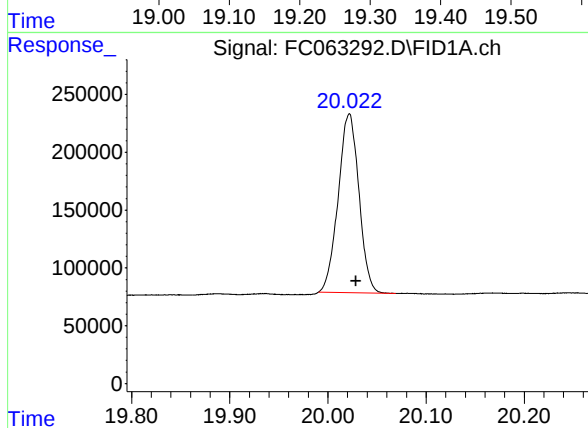
#18 n-Dotriacontane (C32)

R.T.: 18.502 min
Delta R.T.: -0.009 min
Response: 2618192
Conc: 22.63 ug/ml



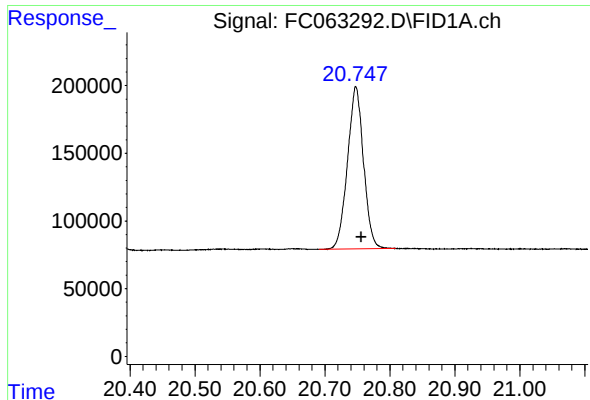
#19 n-Tetatriacontane (C34)

R.T.: 19.283 min
Delta R.T.: -0.006 min
Response: 2461888
Conc: 21.42 ug/ml



#20 n-Hexatriacontane (C36)

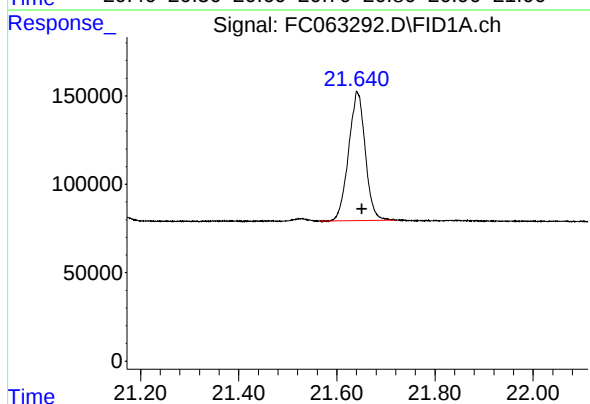
R.T.: 20.022 min
Delta R.T.: -0.007 min
Response: 2269854
Conc: 20.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.748 min
Delta R.T.: -0.008 min
Response: 2053469
Conc: 19.00 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.641 min
Delta R.T.: -0.010 min
Response: 1714376
Conc: 16.19 ug/ml