

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071625AL\
 Data File : FC069476.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jul 2025 06:04
 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: sample.E
 Quant Time: Jul 17 06:53:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 2025
 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)	11.668	2739057	18.457 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
12) S 1-chlorooctadecane (S...	13.103	2054280	18.178 ug/ml
Spiked Amount 50.000		Recovery =	36.36%
Target Compounds			
1) T n-Nonane (C9)	3.403	2553892	18.767 ug/ml
2) T n-Decane (C10)	4.475	2616073	18.796 ug/ml
3) T A~Naphthalene (C11.7)	6.069	2840522	18.798 ug/ml
4) T n-Dodecane (C12)	6.499	2643715	18.652 ug/ml
5) T A~2-methylnaphthalene...	7.128	2725067	18.653 ug/ml
6) T n-Tetradecane (C14)	8.298	2620053	18.427 ug/ml
7) T n-Hexadecane (C16)	9.902	2654623	18.187 ug/ml
8) T n-Octadecane (C18)	11.346	2606661	18.121 ug/ml
10) T n-Eicosane (C20)	12.657	2432653	18.120 ug/ml
11) T n-Heneicosane (C21)	13.271	2354694	18.128 ug/ml
13) T n-Docosane (C22)	13.858	2301350	18.120 ug/ml
14) T n-Tetracosane (C24)	14.963	2213321	18.134 ug/ml
15) T n-Hexacosane (C26)	15.986	2100264	18.077 ug/ml
16) T n-Octacosane (C28)	16.936	1985684	17.935 ug/ml
17) T n-Tricontane (C30)	17.825	1950056	17.809 ug/ml
18) T n-Dotriacontane (C32)	18.659	1850353	17.831 ug/ml
19) T n-Tetratriacontane (C34)	19.444	1696589	18.005 ug/ml
20) T n-Hexatriacontane (C36)	20.185	1496343	18.116 ug/ml
21) T n-Octatriacontane (C38)	20.952	1389345	18.292 ug/ml
22) T n-Tetracontane (C40)	21.913	1341829	18.319 ug/ml

(f)=RT Delta > 1/2 Window

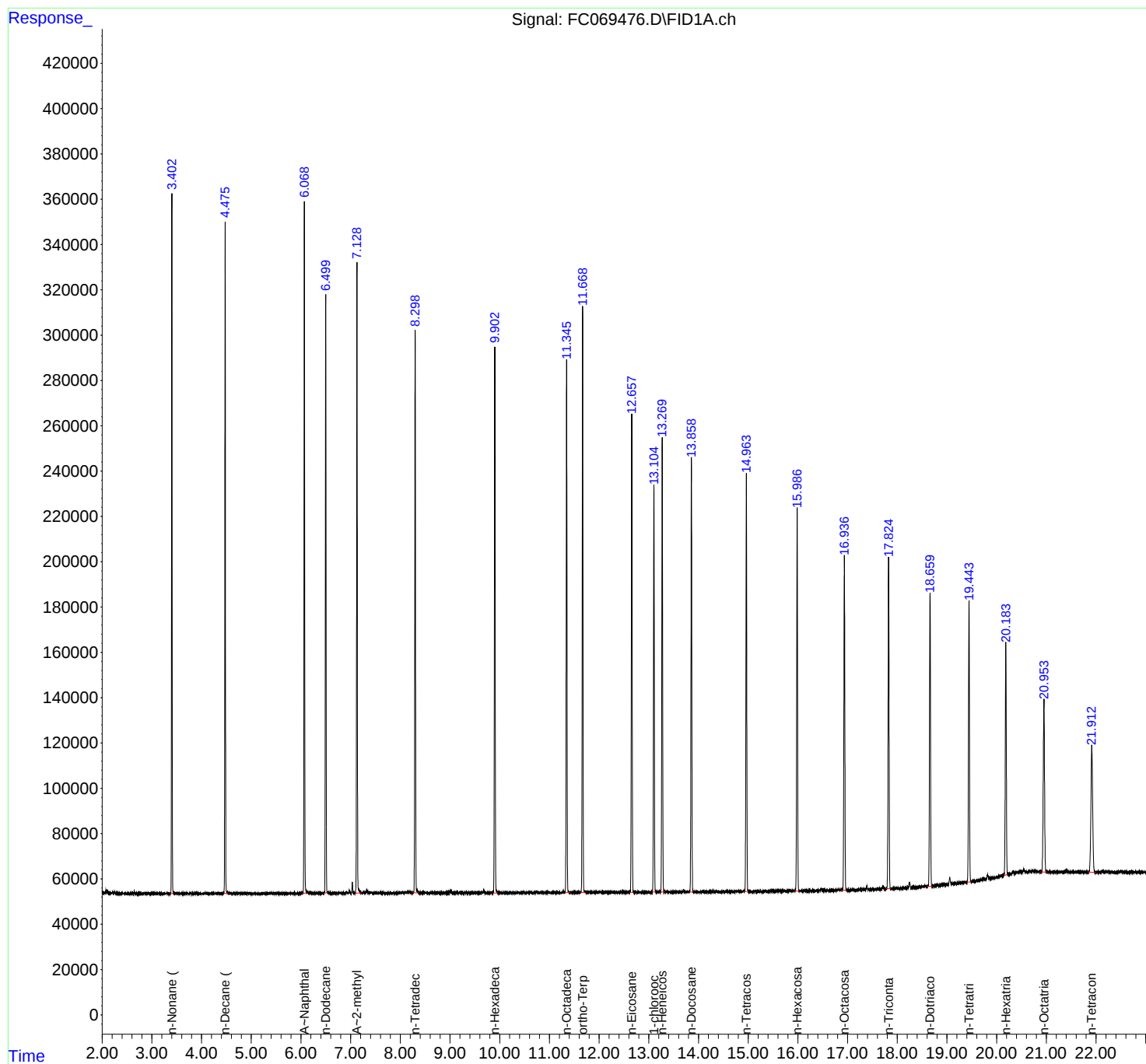
(m)=manual int.

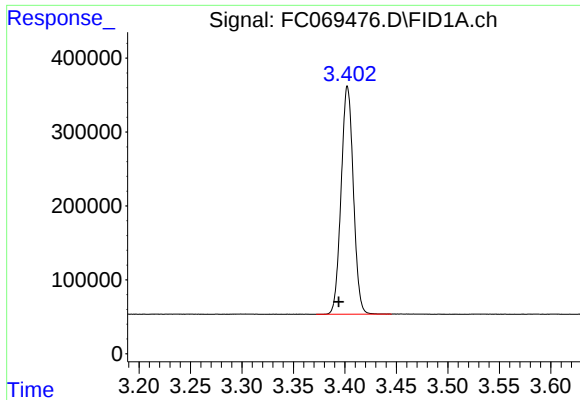
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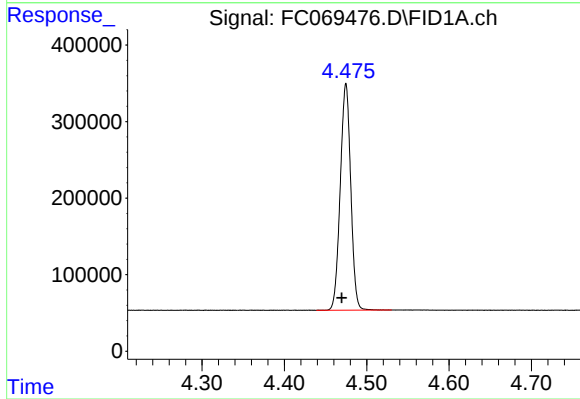




#1 n-Nonane (C9)

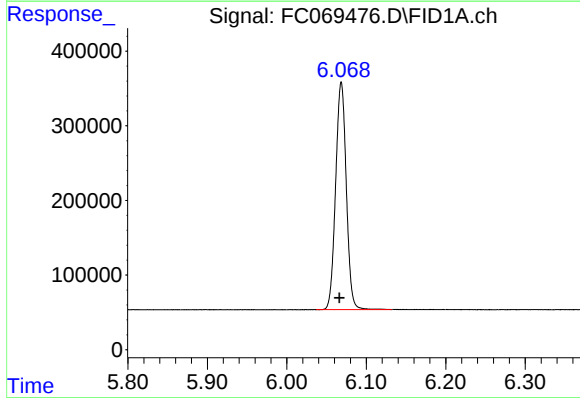
R.T.: 3.403 min
Delta R.T.: 0.009 min
Response: 2553892
Conc: 18.77 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



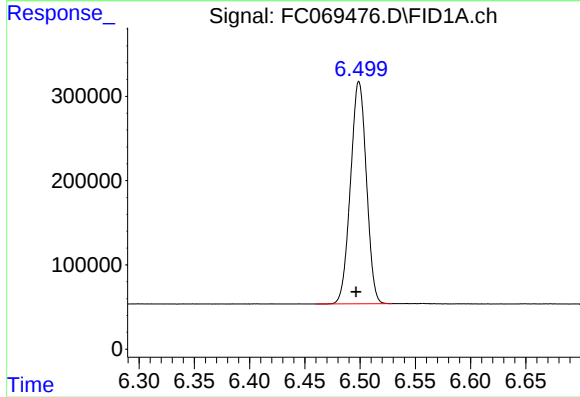
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.005 min
Response: 2616073
Conc: 18.80 ug/ml



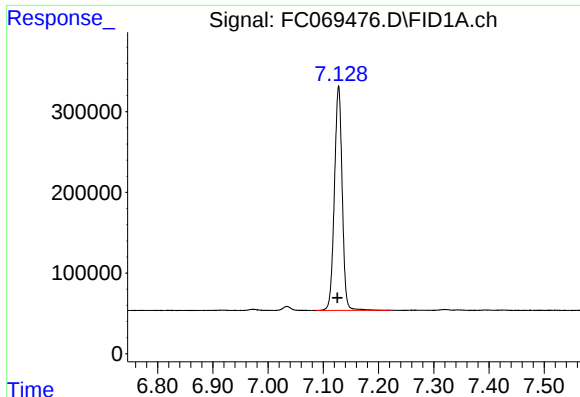
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: 0.002 min
Response: 2840522
Conc: 18.80 ug/ml



#4 n-Dodecane (C12)

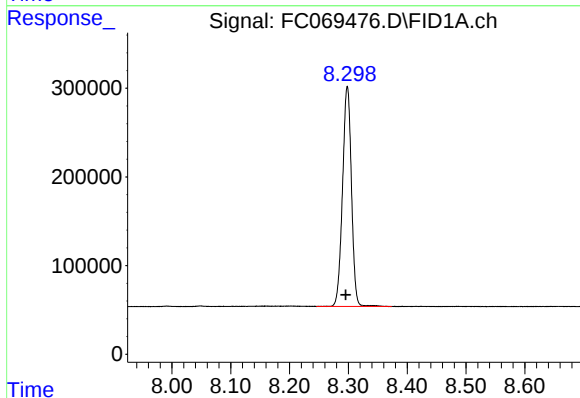
R.T.: 6.499 min
Delta R.T.: 0.003 min
Response: 2643715
Conc: 18.65 ug/ml



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

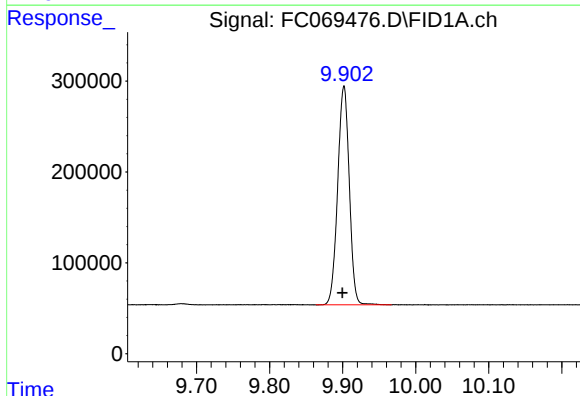
R.T.: 7.128 min
Delta R.T.: 0.002 min
Response: 2725067
Conc: 18.65 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



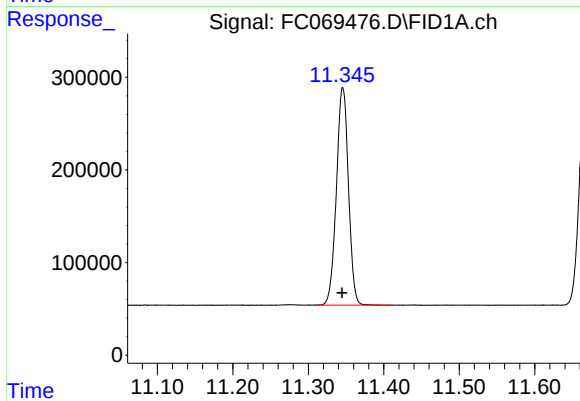
#6 n-Tetradecane (C14)

R.T.: 8.298 min
Delta R.T.: 0.003 min
Response: 2620053
Conc: 18.43 ug/ml



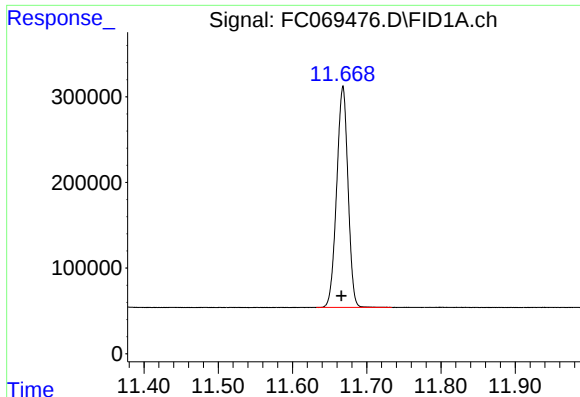
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.002 min
Response: 2654623
Conc: 18.19 ug/ml



#8 n-Octadecane (C18)

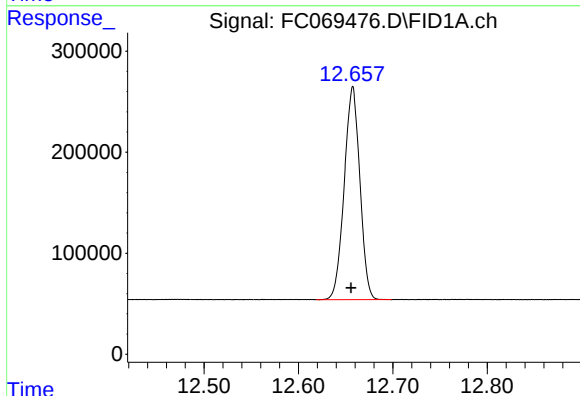
R.T.: 11.346 min
Delta R.T.: 0.000 min
Response: 2606661
Conc: 18.12 ug/ml



#9 ortho-Terphenyl (SURR)

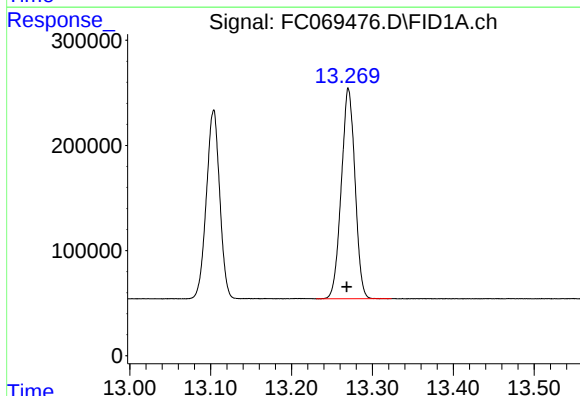
R.T.: 11.668 min
Delta R.T.: 0.002 min
Response: 2739057
Conc: 18.46 ug/ml

Instrument :
FID_C
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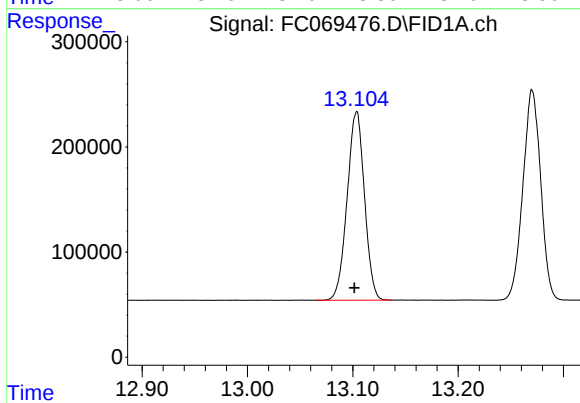
#10 n-Eicosane (C20)

R.T.: 12.657 min
Delta R.T.: 0.002 min
Response: 2432653
Conc: 18.12 ug/ml



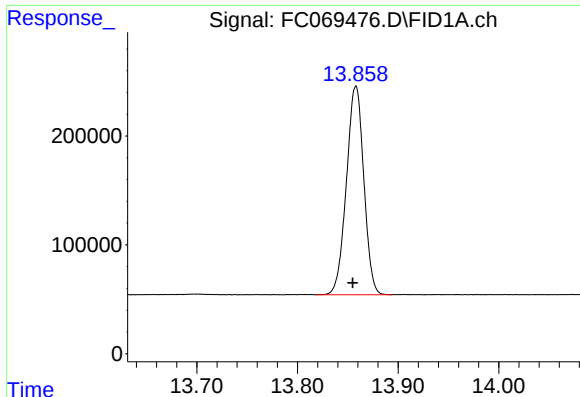
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: 0.002 min
Response: 2354694
Conc: 18.13 ug/ml



#12 1-chlorooctadecane (SURR)

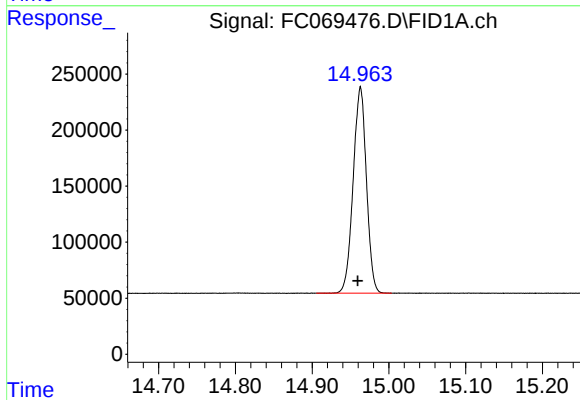
R.T.: 13.103 min
Delta R.T.: 0.002 min
Response: 2054280
Conc: 18.18 ug/ml



#13 n-Docosane (C22)

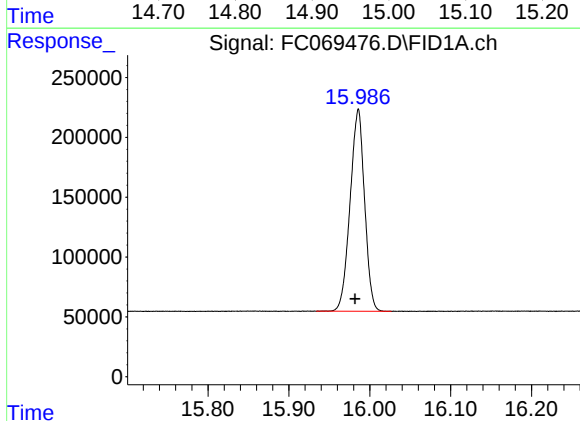
R.T.: 13.858 min
Delta R.T.: 0.003 min
Response: 2301350
Conc: 18.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



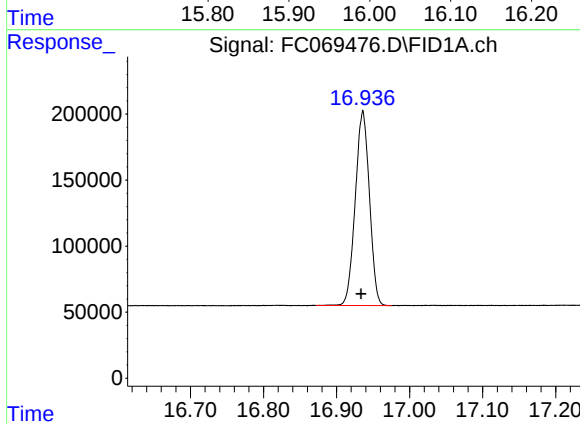
#14 n-Tetracosane (C24)

R.T.: 14.963 min
Delta R.T.: 0.003 min
Response: 2213321
Conc: 18.13 ug/ml



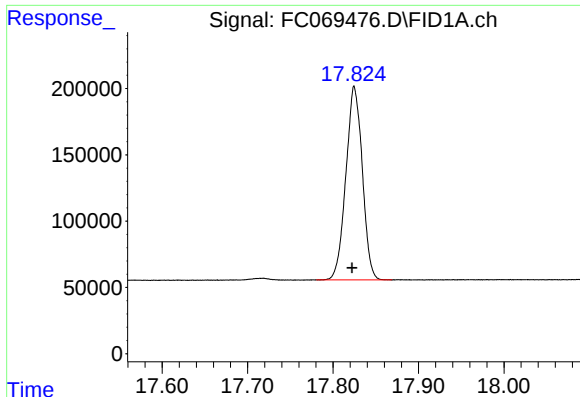
#15 n-Hexacosane (C26)

R.T.: 15.986 min
Delta R.T.: 0.003 min
Response: 2100264
Conc: 18.08 ug/ml



#16 n-Octacosane (C28)

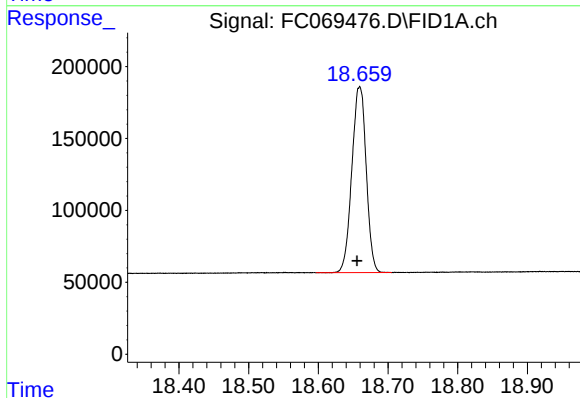
R.T.: 16.936 min
Delta R.T.: 0.002 min
Response: 1985684
Conc: 17.94 ug/ml



#17 n-Tricontane (C30)

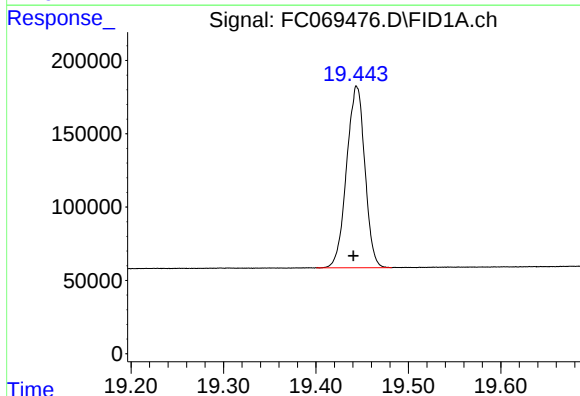
R.T.: 17.825 min
Delta R.T.: 0.003 min
Response: 1950056
Conc: 17.81 ug/ml

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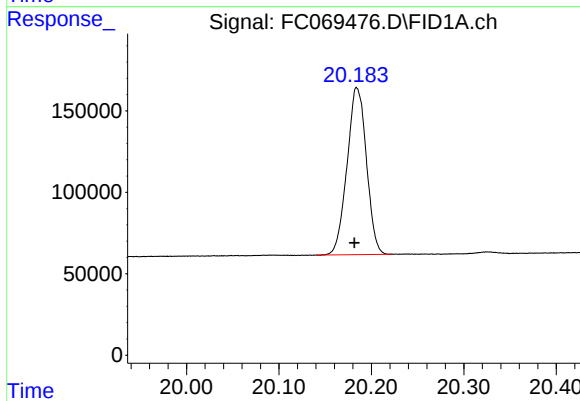
#18 n-Dotriacontane (C32)

R.T.: 18.659 min
Delta R.T.: 0.004 min
Response: 1850353
Conc: 17.83 ug/ml



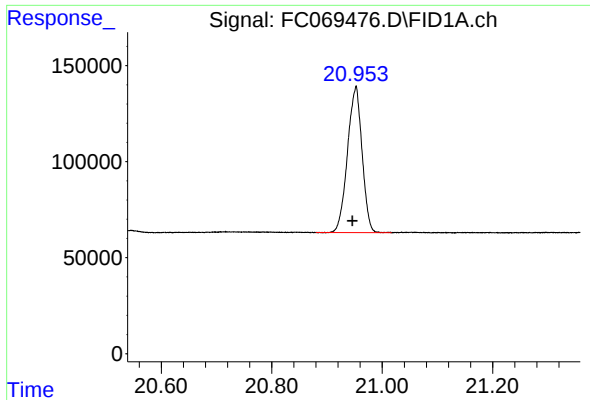
#19 n-Tetratriacontane (C34)

R.T.: 19.444 min
Delta R.T.: 0.003 min
Response: 1696589
Conc: 18.01 ug/ml



#20 n-Hexatriacontane (C36)

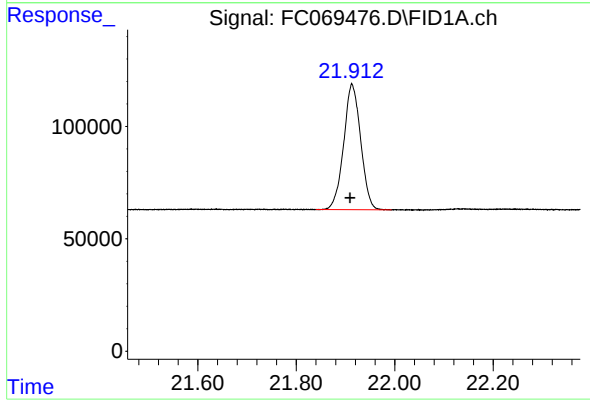
R.T.: 20.185 min
Delta R.T.: 0.003 min
Response: 1496343
Conc: 18.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.952 min
Delta R.T.: 0.006 min
Response: 1389345
Conc: 18.29 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.913 min
Delta R.T.: 0.004 min
Response: 1341829
Conc: 18.32 ug/ml