

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040623AL\
 Data File : FC063305.D
 Signal(s) : FID1A.ch
 Acq On : 06 Apr 2023 10:55
 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 07 06:35:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 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	2837073	18.647 ug/ml
Spiked Amount 50.000		Recovery =	37.29%
12) S 1-chlorooctadecane (S...	12.966	2010477	18.170 ug/ml
Spiked Amount 50.000		Recovery =	36.34%
Target Compounds			
1) T n-Nonane (C9)	3.295	2632200	18.748 ug/ml
2) T n-Decane (C10)	4.363	2552115	18.728 ug/ml
3) T A~Naphthalene (C11.7)	5.947	2824461	18.705 ug/ml
4) T n-Dodecane (C12)	6.383	2532944	18.829 ug/ml
5) T A~2-methylnaphthalene...	7.005	2607521	18.721 ug/ml
6) T n-Tetradecane (C14)	8.177	2534723	18.724 ug/ml
7) T n-Hexadecane (C16)	9.777	2556406	18.825 ug/ml
8) T n-Octadecane (C18)	11.218	2598985	18.763 ug/ml
10) T n-Eicosane (C20)	12.525	2503957	18.638 ug/ml
11) T n-Heneicosane (C21)	13.135	2508515	18.638 ug/ml
13) T n-Docosane (C22)	13.721	2477859	18.581 ug/ml
14) T n-Tetracosane (C24)	14.822	2467279	18.350 ug/ml
15) T n-Hexacosane (C26)	15.839	2451042	18.311 ug/ml
16) T n-Octacosane (C28)	16.786	2452023	18.109 ug/ml
17) T n-Tricontane (C30)	17.670	2481522	17.939 ug/ml
18) T n-Dotriacontane (C32)	18.500	2530021	17.921 ug/ml
19) T n-Tetratriacontane (C34)	19.283	2514326	18.219 ug/ml
20) T n-Hexatriacontane (C36)	20.019	2376883	18.596 ug/ml
21) T n-Octatriacontane (C38)	20.745	2260060	18.355 ug/ml
22) T n-Tetracontane (C40)	21.638	2024294	17.202 ug/ml

(f)=RT Delta > 1/2 Window

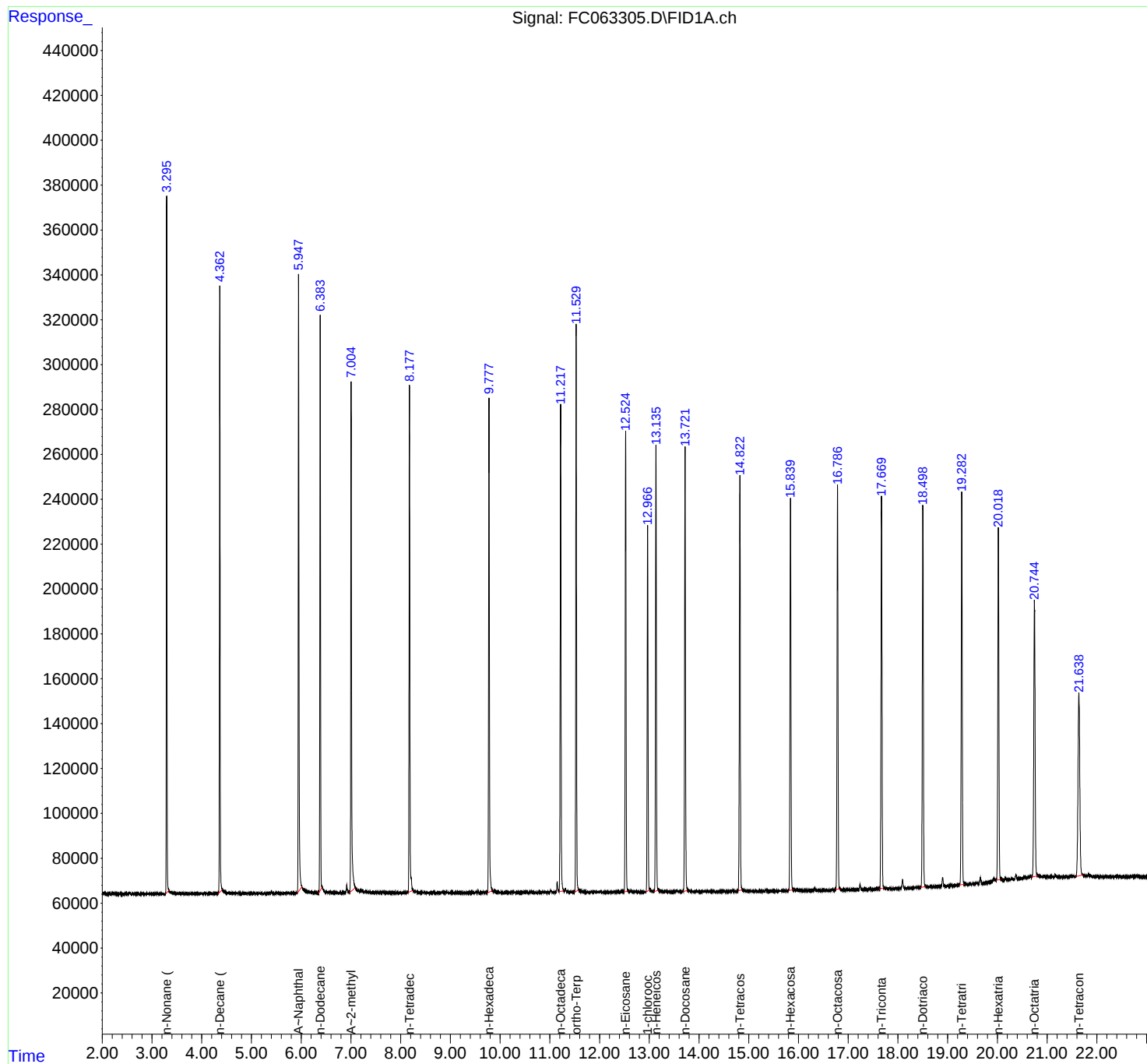
(m)=manual int.

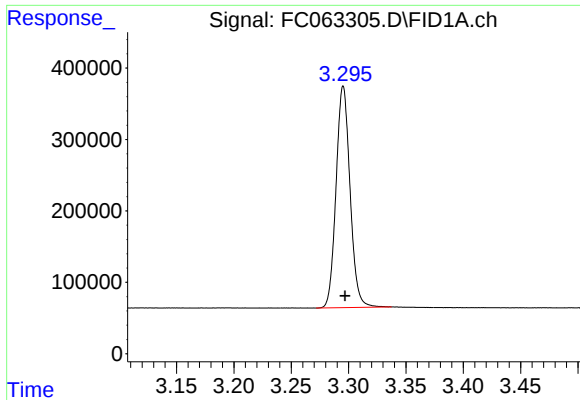
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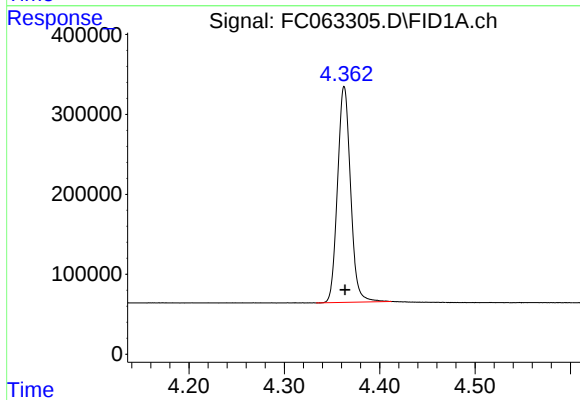




#1 n-Nonane (C9)

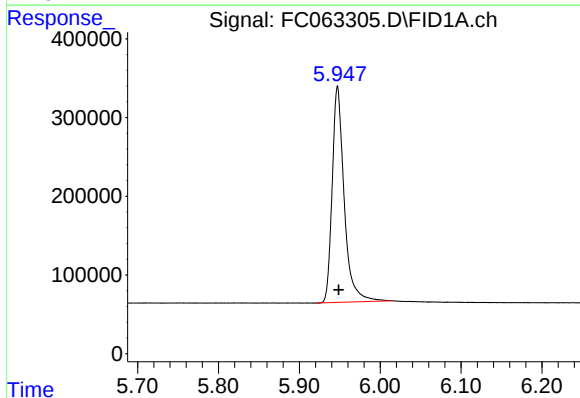
R.T.: 3.295 min
Delta R.T.: -0.002 min
Response: 2632200
Conc: 18.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



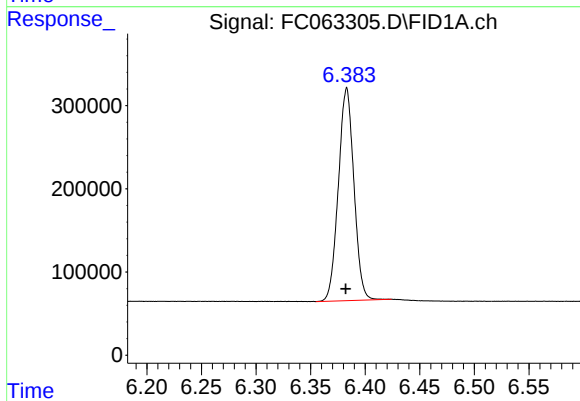
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 2552115
Conc: 18.73 ug/ml



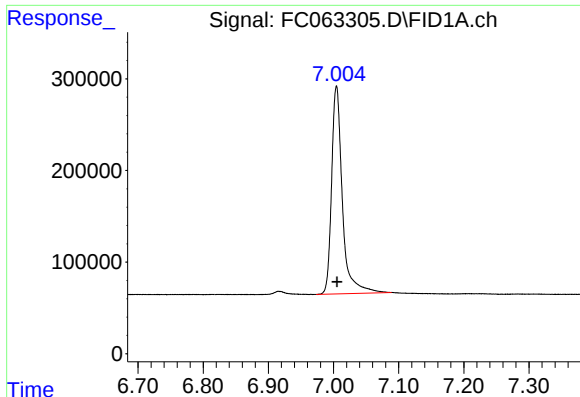
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 2824461
Conc: 18.70 ug/ml



#4 n-Dodecane (C12)

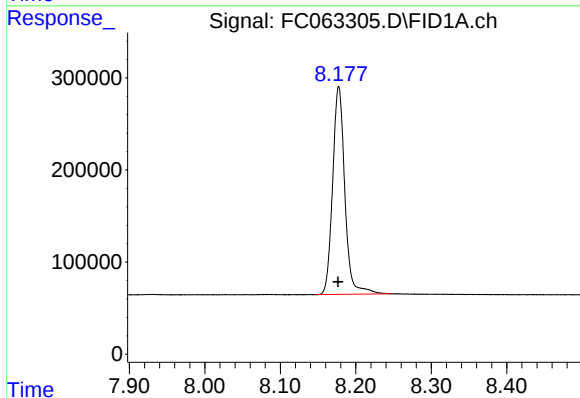
R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 2532944
Conc: 18.83 ug/ml



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

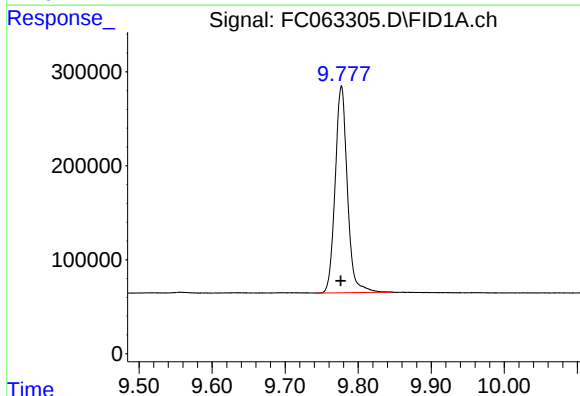
R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 2607521
Conc: 18.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



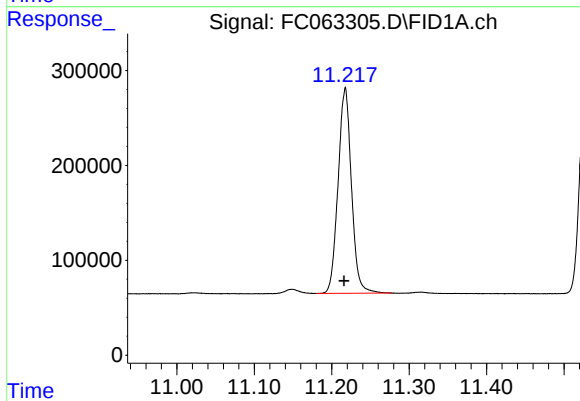
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 2534723
Conc: 18.72 ug/ml



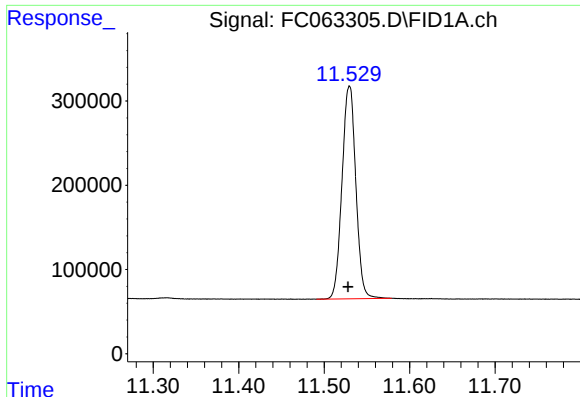
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: 0.001 min
Response: 2556406
Conc: 18.83 ug/ml



#8 n-Octadecane (C18)

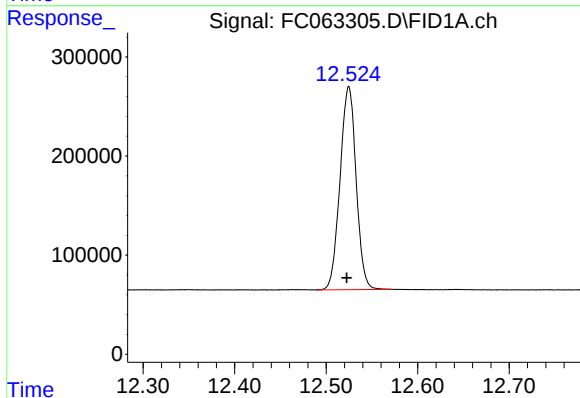
R.T.: 11.218 min
Delta R.T.: 0.001 min
Response: 2598985
Conc: 18.76 ug/ml



#9 ortho-Terphenyl (SURR)

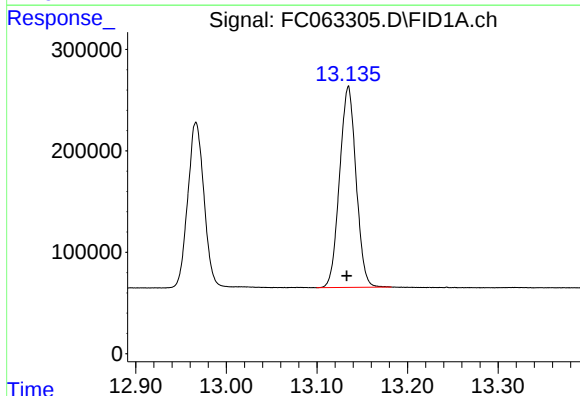
R.T.: 11.530 min
Delta R.T.: 0.002 min
Response: 2837073
Conc: 18.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



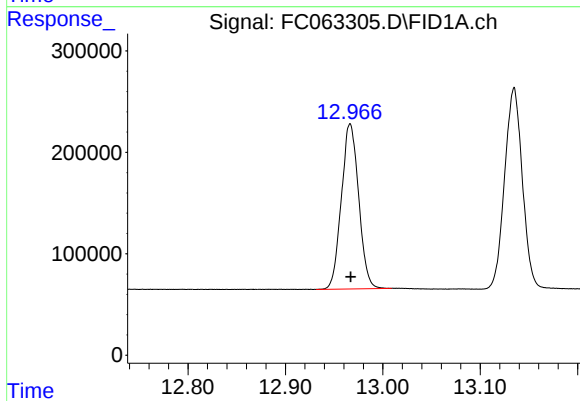
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: 0.002 min
Response: 2503957
Conc: 18.64 ug/ml



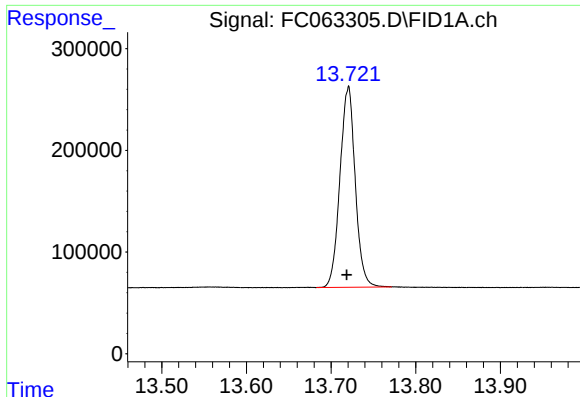
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: 0.002 min
Response: 2508515
Conc: 18.64 ug/ml



#12 1-chlorooctadecane (SURR)

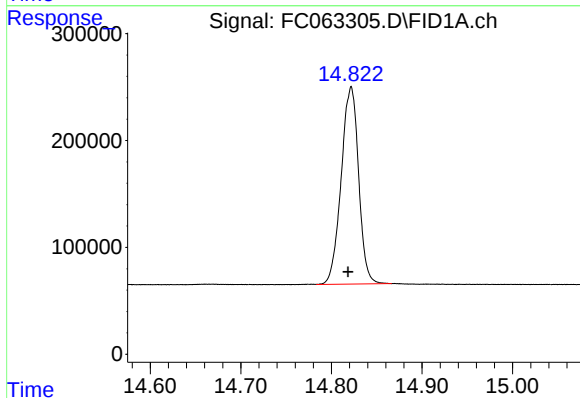
R.T.: 12.966 min
Delta R.T.: 0.000 min
Response: 2010477
Conc: 18.17 ug/ml



#13 n-Docosane (C22)

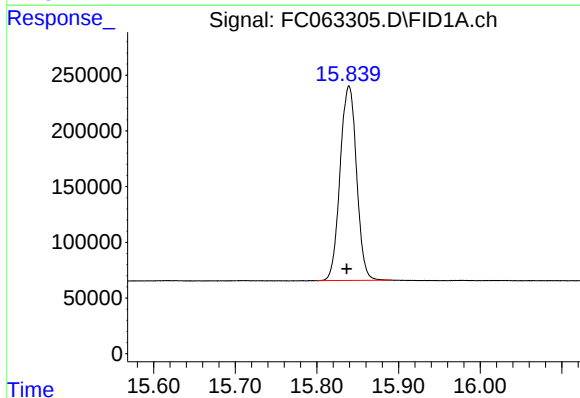
R.T.: 13.721 min
Delta R.T.: 0.002 min
Response: 2477859
Conc: 18.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



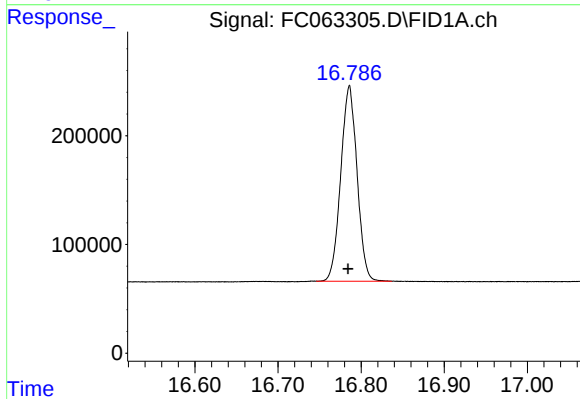
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: 0.004 min
Response: 2467279
Conc: 18.35 ug/ml



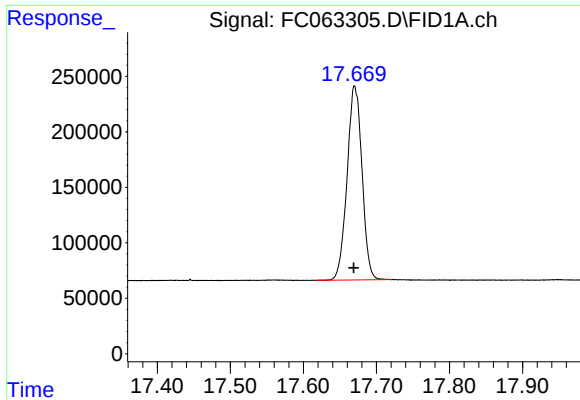
#15 n-Hexacosane (C26)

R.T.: 15.839 min
Delta R.T.: 0.003 min
Response: 2451042
Conc: 18.31 ug/ml



#16 n-Octacosane (C28)

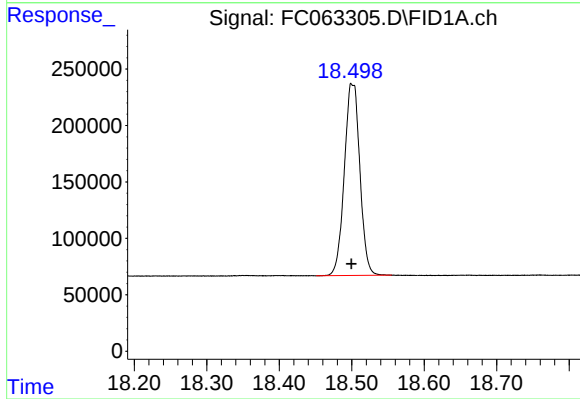
R.T.: 16.786 min
Delta R.T.: 0.001 min
Response: 2452023
Conc: 18.11 ug/ml



#17 n-Tricontane (C30)

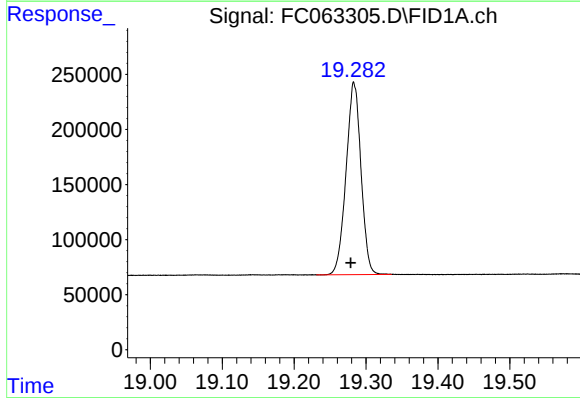
R.T.: 17.670 min
Delta R.T.: 0.000 min
Response: 2481522
Conc: 17.94 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



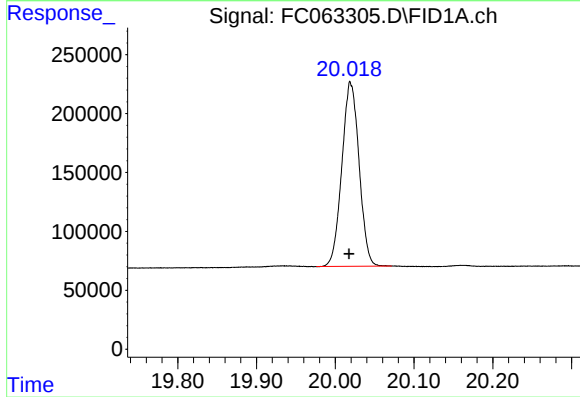
#18 n-Dotriacontane (C32)

R.T.: 18.500 min
Delta R.T.: 0.000 min
Response: 2530021
Conc: 17.92 ug/ml



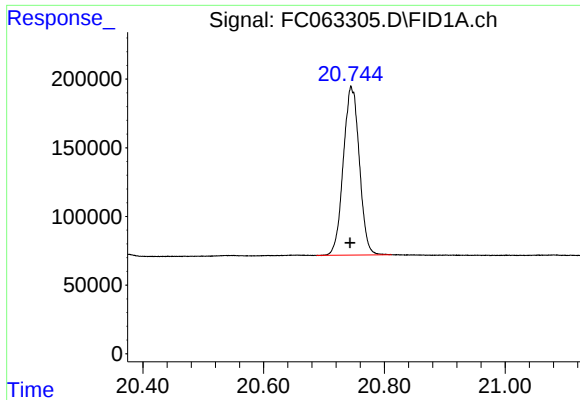
#19 n-Tetratriacontane (C34)

R.T.: 19.283 min
Delta R.T.: 0.004 min
Response: 2514326
Conc: 18.22 ug/ml



#20 n-Hexatriacontane (C36)

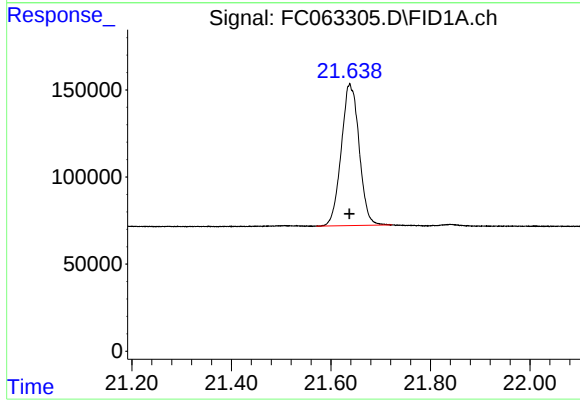
R.T.: 20.019 min
Delta R.T.: 0.002 min
Response: 2376883
Conc: 18.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.745 min
Delta R.T.: 0.002 min
Response: 2260060
Conc: 18.35 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.638 min
Delta R.T.: 0.001 min
Response: 2024294
Conc: 17.20 ug/ml