

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061724AL\
 Data File : FC066616.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jun 2024 14:56
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 17 16:31:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 2024
 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)	11.546	3339906	19.363 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
12) S 1-chlorooctadecane (S...	12.984	2610094	18.916 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
Target Compounds			
1) T n-Nonane (C9)	3.299	2873692	19.778 ug/ml
2) T n-Decane (C10)	4.367	2950915	19.783 ug/ml
3) T A~Naphthalene (C11.7)	5.953	3239691	19.953 ug/ml
4) T n-Dodecane (C12)	6.387	2994778	19.760 ug/ml
5) T A~2-methylnaphthalene...	7.011	3163026	19.910 ug/ml
6) T n-Tetradecane (C14)	8.184	2983612	19.670 ug/ml
7) T n-Hexadecane (C16)	9.787	3115486	19.449 ug/ml
8) T n-Octadecane (C18)	11.229	3193706	19.248 ug/ml
10) T n-Eicosane (C20)	12.539	3084491	18.974 ug/ml
11) T n-Heneicosane (C21)	13.152	3041997	18.880 ug/ml
13) T n-Docosane (C22)	13.738	3023556	18.859 ug/ml
14) T n-Tetracosane (C24)	14.842	2996244	18.879 ug/ml
15) T n-Hexacosane (C26)	15.862	2898378	18.982 ug/ml
16) T n-Octacosane (C28)	16.812	2772944	19.223 ug/ml
17) T n-Tricontane (C30)	17.701	2704457	19.357 ug/ml
18) T n-Dotriacontane (C32)	18.534	2572731	19.494 ug/ml
19) T n-Tetratriacontane (C34)	19.317	2422963	19.591 ug/ml
20) T n-Hexatriacontane (C36)	20.057	2277699	18.899 ug/ml
21) T n-Octatriacontane (C38)	20.791	2254990	19.720 ug/ml
22) T n-Tetracontane (C40)	21.699	2206320	19.645 ug/ml

(f)=RT Delta > 1/2 Window

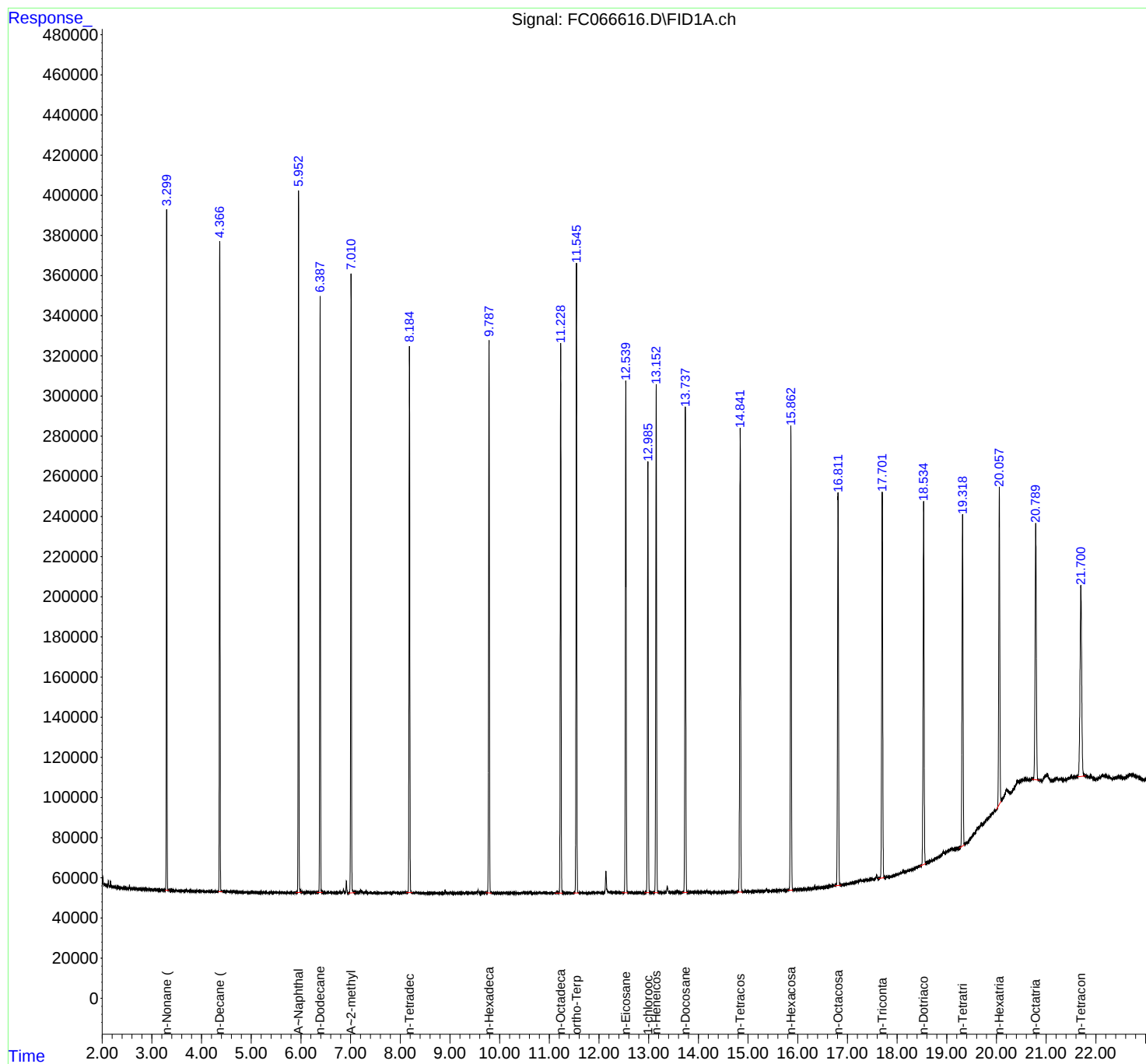
(m)=manual int.

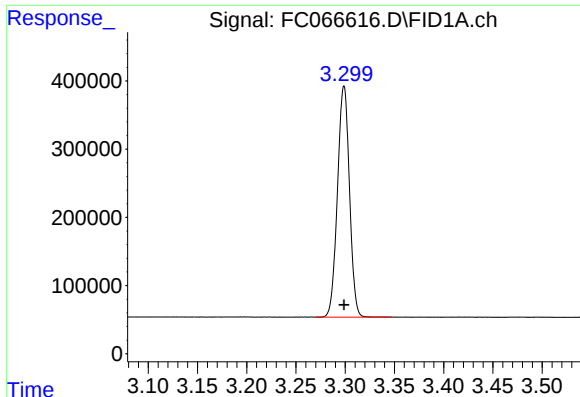
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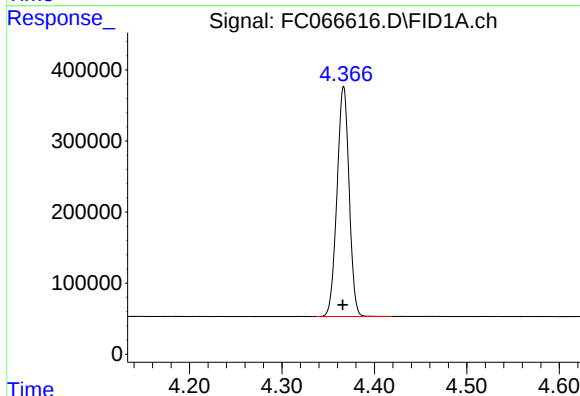




#1 n-Nonane (C9)

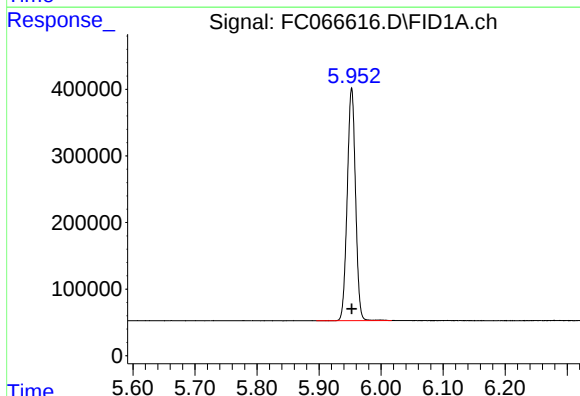
R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 2873692
Conc: 19.78 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



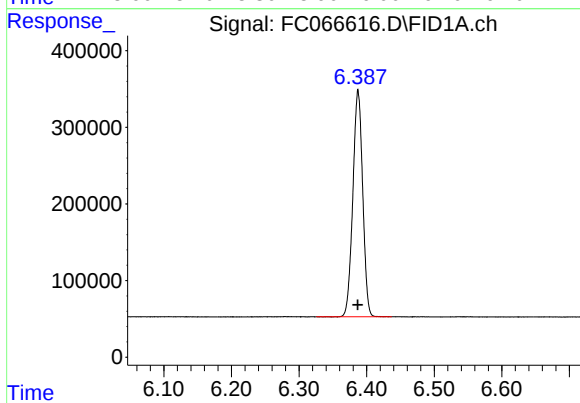
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 2950915
Conc: 19.78 ug/ml



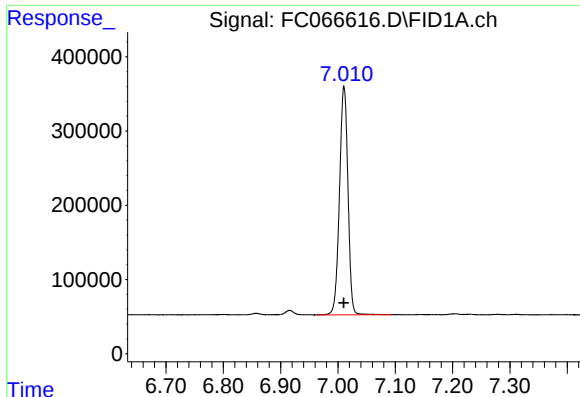
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 3239691
Conc: 19.95 ug/ml



#4 n-Dodecane (C12)

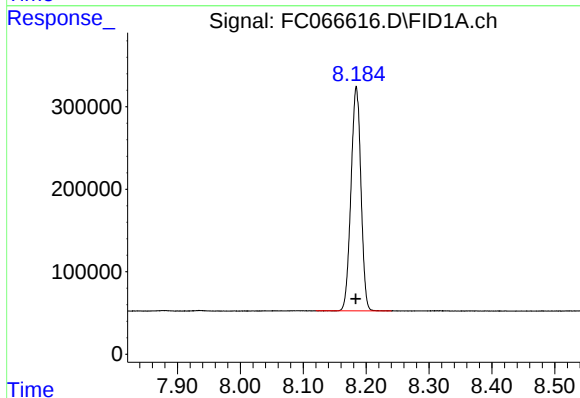
R.T.: 6.387 min
Delta R.T.: 0.000 min
Response: 2994778
Conc: 19.76 ug/ml



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

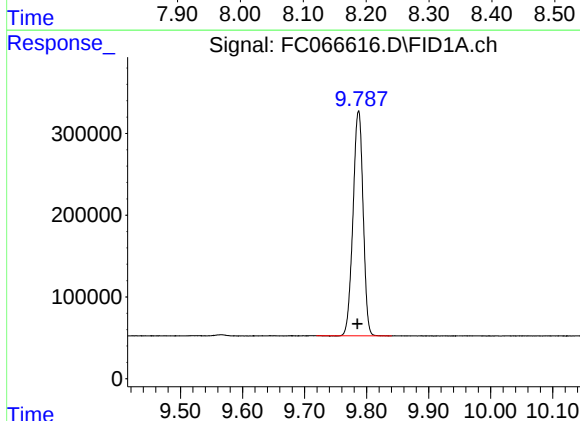
R.T.: 7.011 min
Delta R.T.: 0.000 min
Response: 3163026
Conc: 19.91 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



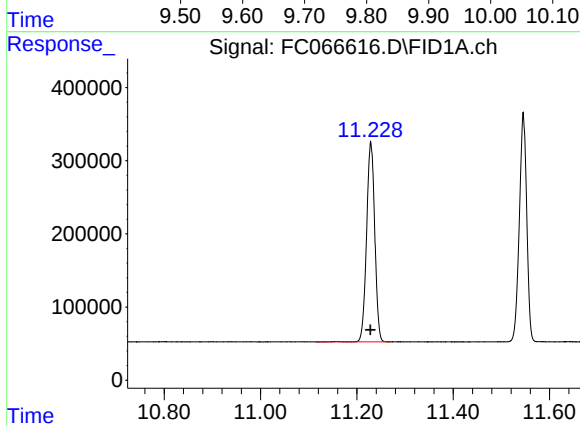
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: 0.000 min
Response: 2983612
Conc: 19.67 ug/ml



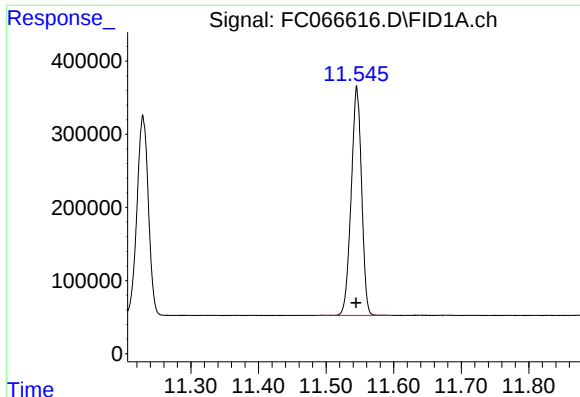
#7 n-Hexadecane (C16)

R.T.: 9.787 min
Delta R.T.: 0.002 min
Response: 3115486
Conc: 19.45 ug/ml



#8 n-Octadecane (C18)

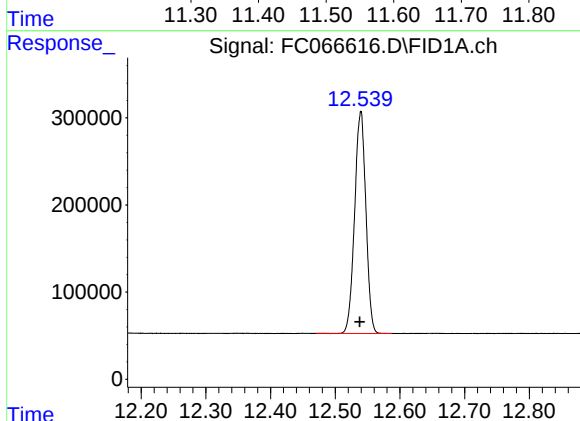
R.T.: 11.229 min
Delta R.T.: 0.000 min
Response: 3193706
Conc: 19.25 ug/ml



#9 ortho-Terphenyl (SURR)

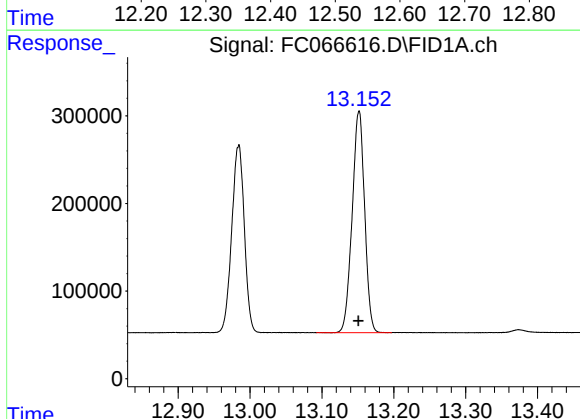
R.T.: 11.546 min
Delta R.T.: 0.001 min
Response: 3339906
Conc: 19.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



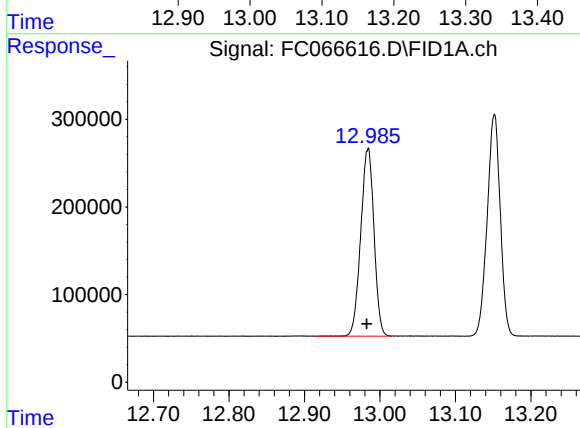
#10 n-Eicosane (C20)

R.T.: 12.539 min
Delta R.T.: 0.001 min
Response: 3084491
Conc: 18.97 ug/ml



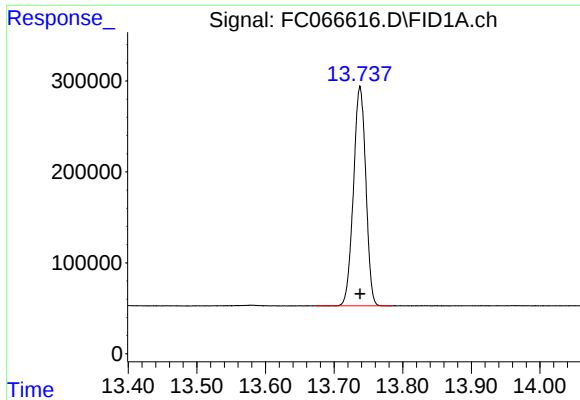
#11 n-Heneicosane (C21)

R.T.: 13.152 min
Delta R.T.: 0.000 min
Response: 3041997
Conc: 18.88 ug/ml



#12 1-chlorooctadecane (SURR)

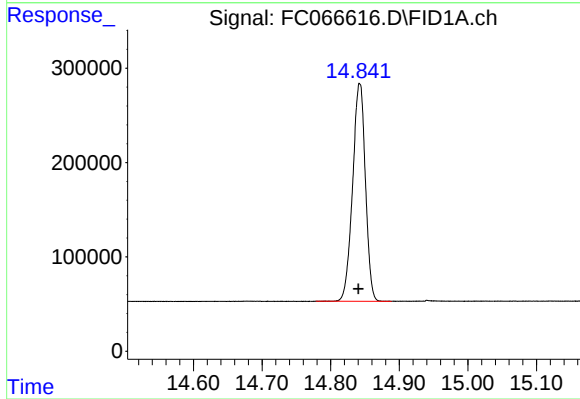
R.T.: 12.984 min
Delta R.T.: 0.002 min
Response: 2610094
Conc: 18.92 ug/ml



#13 n-Docosane (C22)

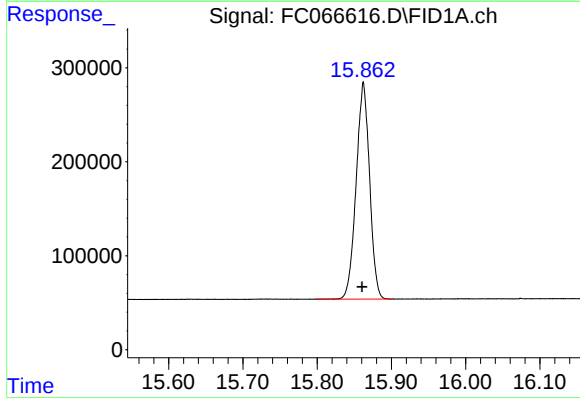
R.T.: 13.738 min
Delta R.T.: 0.000 min
Response: 3023556
Conc: 18.86 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



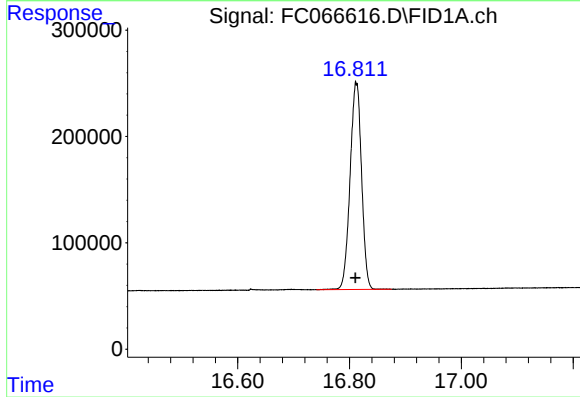
#14 n-Tetracosane (C24)

R.T.: 14.842 min
Delta R.T.: 0.002 min
Response: 2996244
Conc: 18.88 ug/ml



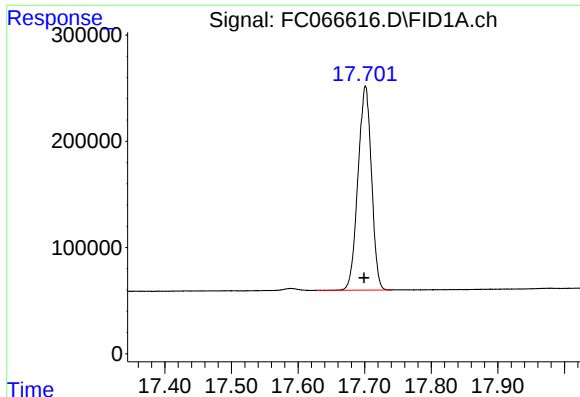
#15 n-Hexacosane (C26)

R.T.: 15.862 min
Delta R.T.: 0.002 min
Response: 2898378
Conc: 18.98 ug/ml



#16 n-Octacosane (C28)

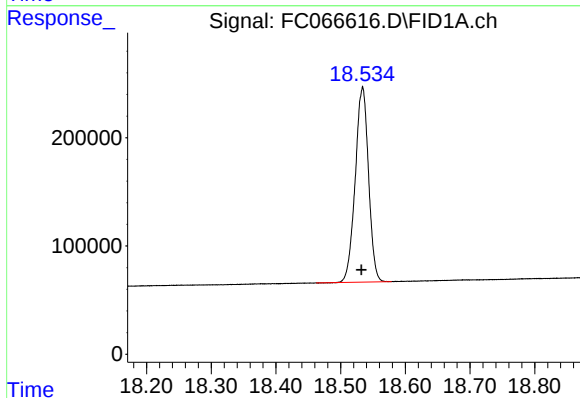
R.T.: 16.812 min
Delta R.T.: 0.002 min
Response: 2772944
Conc: 19.22 ug/ml



#17 n-Tricontane (C30)

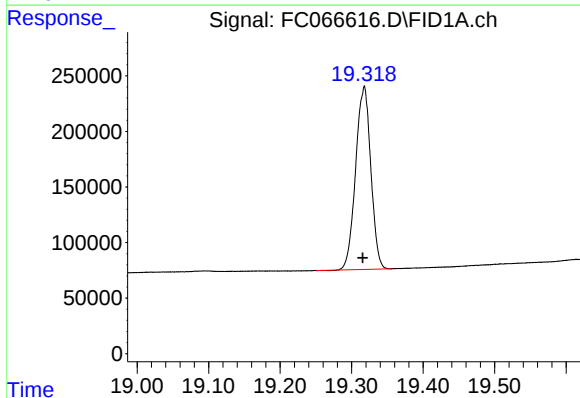
R.T.: 17.701 min
Delta R.T.: 0.002 min
Response: 2704457
Conc: 19.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



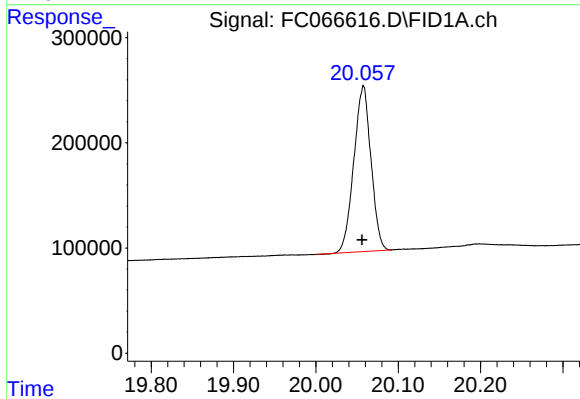
#18 n-Dotriacontane (C32)

R.T.: 18.534 min
Delta R.T.: 0.002 min
Response: 2572731
Conc: 19.49 ug/ml



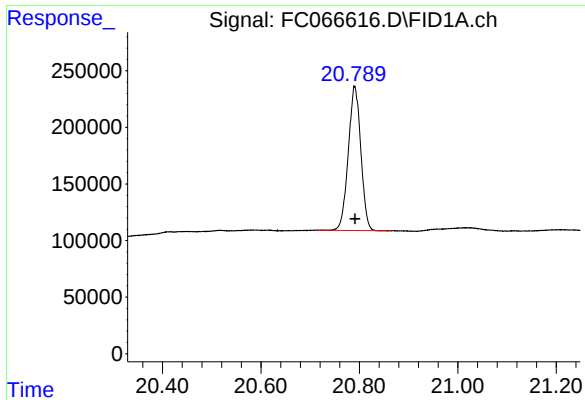
#19 n-Tetratriacontane (C34)

R.T.: 19.317 min
Delta R.T.: 0.002 min
Response: 2422963
Conc: 19.59 ug/ml



#20 n-Hexatriacontane (C36)

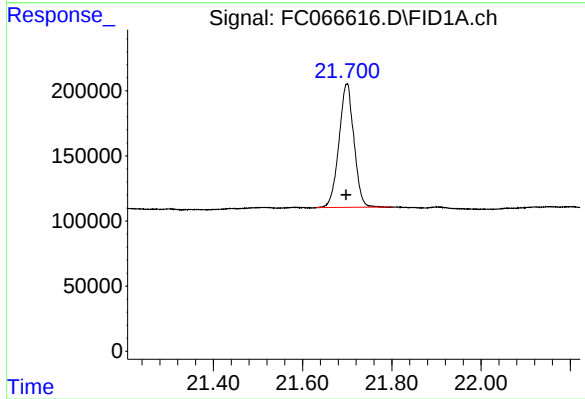
R.T.: 20.057 min
Delta R.T.: 0.001 min
Response: 2277699
Conc: 18.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.791 min
Delta R.T.: 0.000 min
Response: 2254990
Conc: 19.72 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.699 min
Delta R.T.: 0.002 min
Response: 2206320
Conc: 19.64 ug/ml