

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013123AL\
 Data File : FC062812.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jan 2023 10:19
 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: Jan 31 11:18:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012623.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 27 04:11:29 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)	11.537	2572445	20.688 ug/ml
Spiked Amount 50.000		Recovery =	41.38%
12) S 1-chlorooctadecane (S...	12.977	1945555	20.627 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
Target Compounds			
1) T n-Nonane (C9)	3.301	2227961	20.615 ug/ml
2) T n-Decane (C10)	4.367	2184713	21.028 ug/ml
3) T A~Naphthalene (C11.7)	5.949	2497626	21.118 ug/ml
4) T n-Dodecane (C12)	6.385	2186835	21.155 ug/ml
5) T A~2-methylnaphthalene...	7.006	2355181	21.525 ug/ml
6) T n-Tetradecane (C14)	8.181	2221606	21.655 ug/ml
7) T n-Hexadecane (C16)	9.782	2267911	20.962 ug/ml
8) T n-Octadecane (C18)	11.224	2306314	20.804 ug/ml
10) T n-Eicosane (C20)	12.533	2247495	20.613 ug/ml
11) T n-Heneicosane (C21)	13.145	2252559	20.695 ug/ml
13) T n-Docosane (C22)	13.730	2227984	20.681 ug/ml
14) T n-Tetracosane (C24)	14.834	2220905	20.737 ug/ml
15) T n-Hexacosane (C26)	15.851	2199861	20.875 ug/ml
16) T n-Octacosane (C28)	16.800	2185032	20.911 ug/ml
17) T n-Tricontane (C30)	17.686	2183016	20.906 ug/ml
18) T n-Dotriacontane (C32)	18.519	2192869	20.301 ug/ml
19) T n-Tetratriacontane (C34)	19.298	2159423	20.544 ug/ml
20) T n-Hexatriacontane (C36)	20.037	2062383	20.479 ug/ml
21) T n-Octatriacontane (C38)	20.766	2053100	20.449 ug/ml
22) T n-Tetracontane (C40)	21.664	2032464	21.087 ug/ml

(f)=RT Delta > 1/2 Window

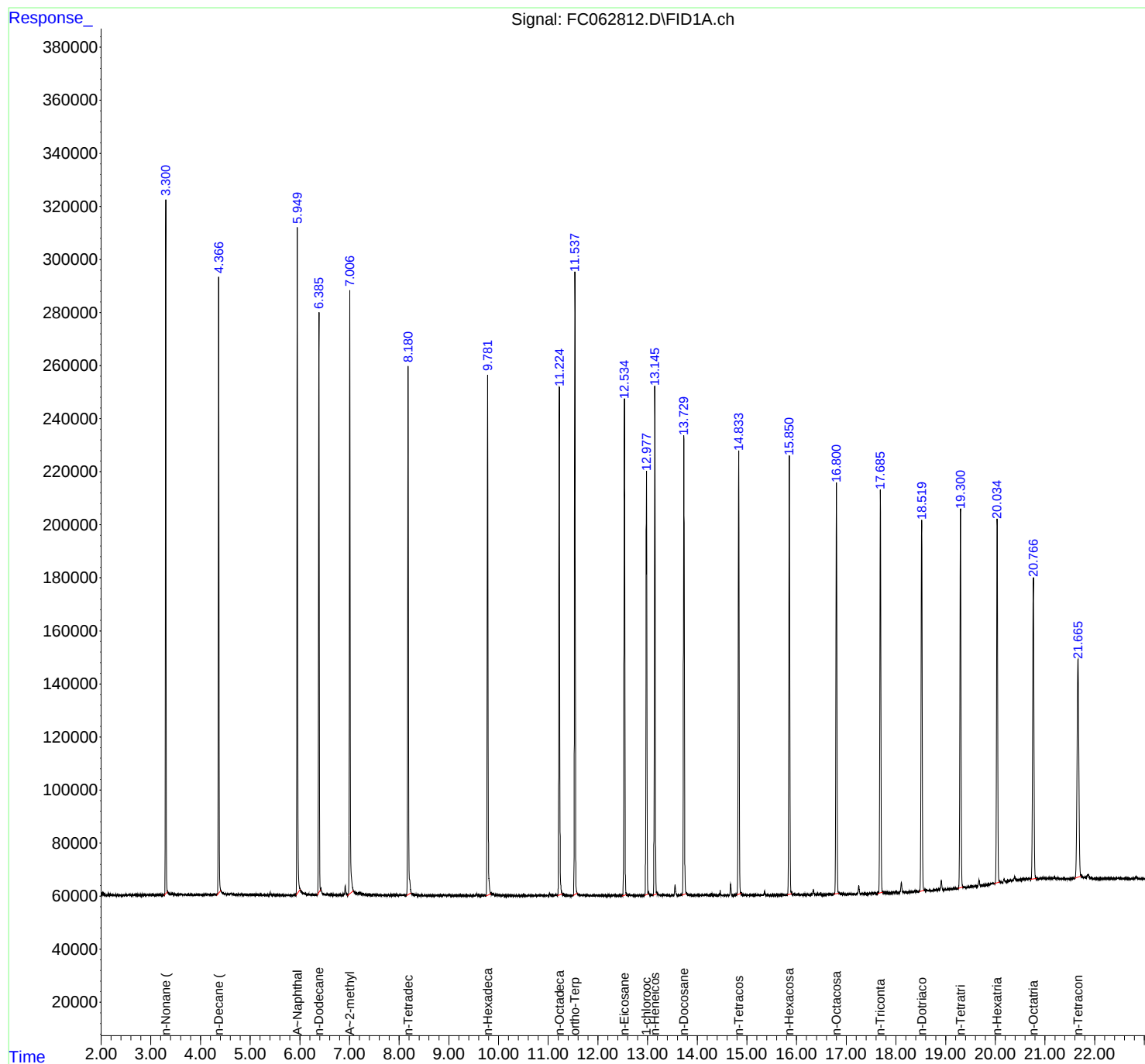
(m)=manual int.

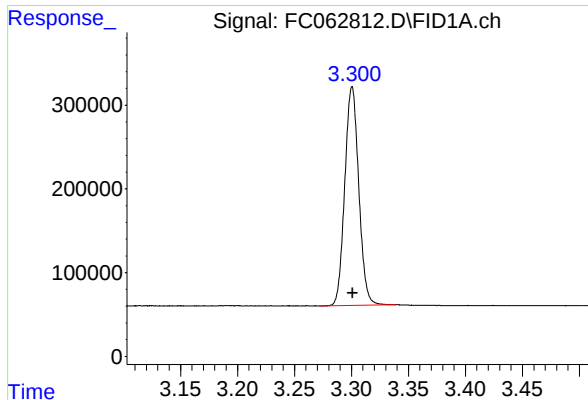
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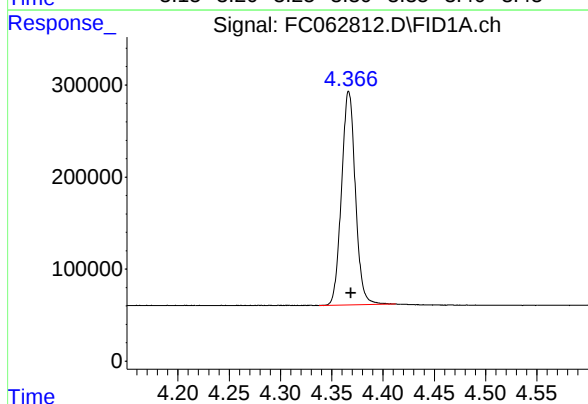




#1 n-Nonane (C9)

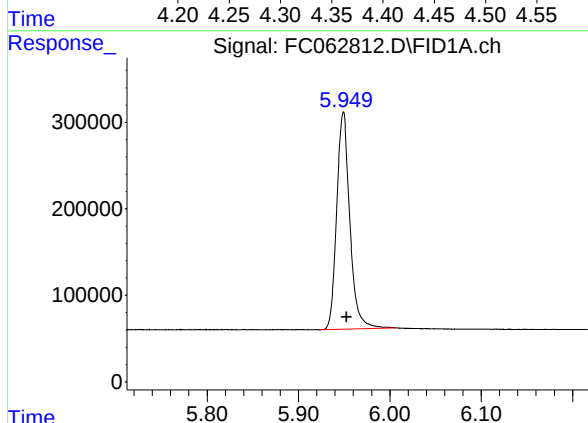
R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 2227961
Conc: 20.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



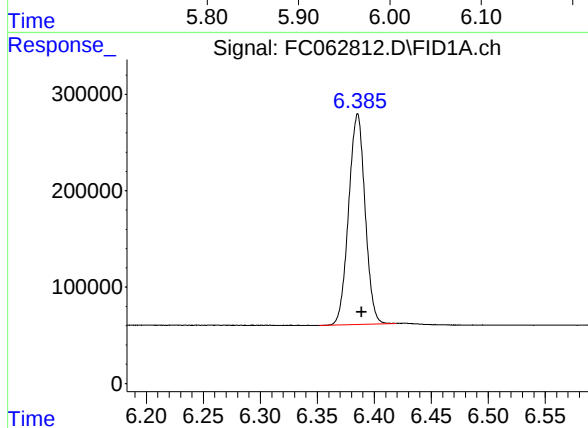
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 2184713
Conc: 21.03 ug/ml



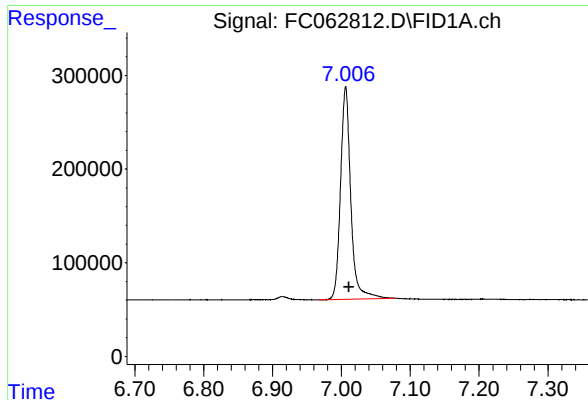
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 2497626
Conc: 21.12 ug/ml



#4 n-Dodecane (C12)

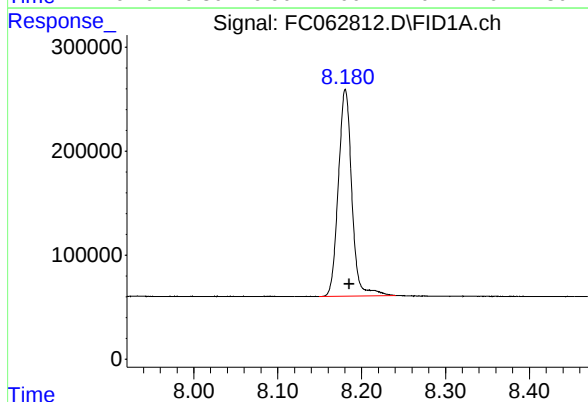
R.T.: 6.385 min
Delta R.T.: -0.004 min
Response: 2186835
Conc: 21.15 ug/ml



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

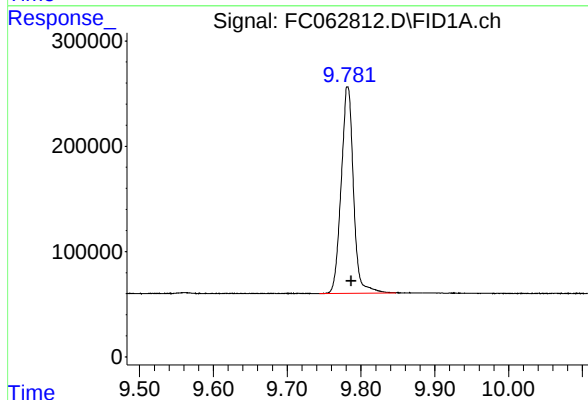
R.T.: 7.006 min
Delta R.T.: -0.004 min
Response: 2355181
Conc: 21.53 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



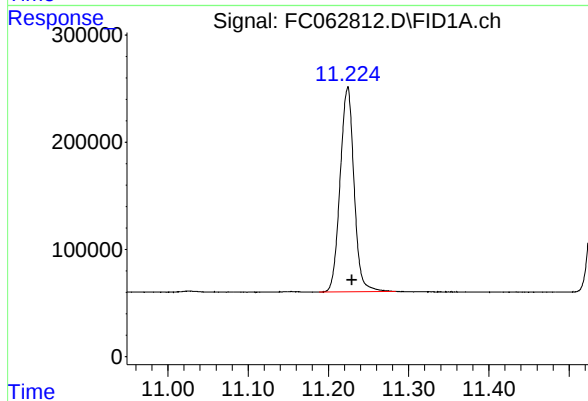
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: -0.005 min
Response: 2221606
Conc: 21.66 ug/ml



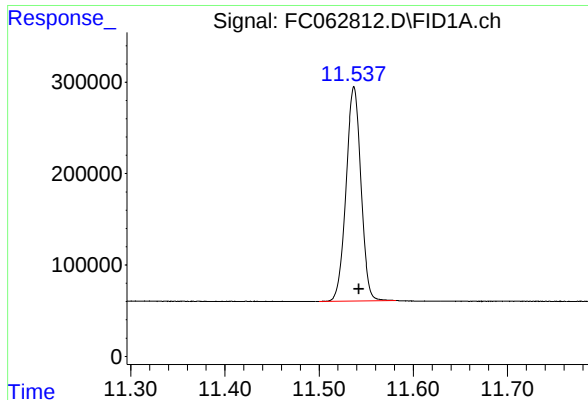
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: -0.005 min
Response: 2267911
Conc: 20.96 ug/ml



#8 n-Octadecane (C18)

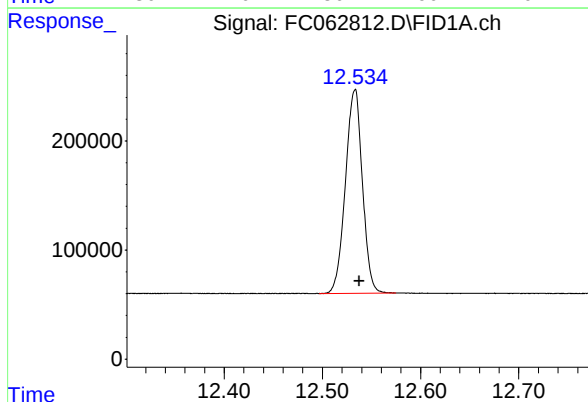
R.T.: 11.224 min
Delta R.T.: -0.005 min
Response: 2306314
Conc: 20.80 ug/ml



#9 ortho-Terphenyl (SURR)

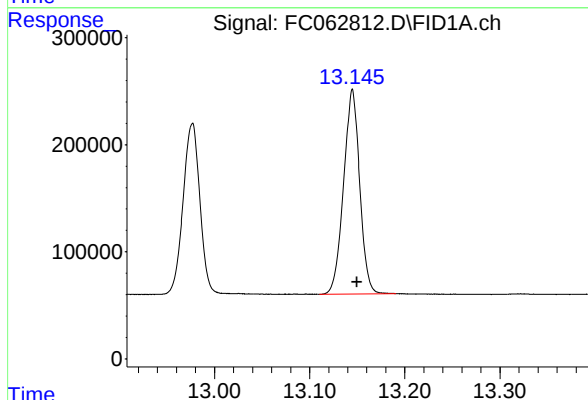
R.T.: 11.537 min
Delta R.T.: -0.005 min
Response: 2572445
Conc: 20.69 ug/ml

Instrument :
FID_C
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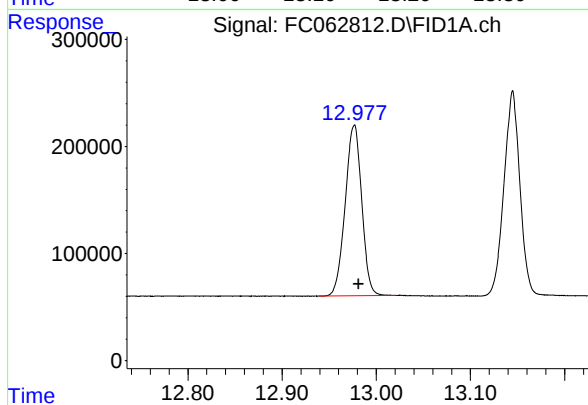
#10 n-Eicosane (C20)

R.T.: 12.533 min
Delta R.T.: -0.005 min
Response: 2247495
Conc: 20.61 ug/ml



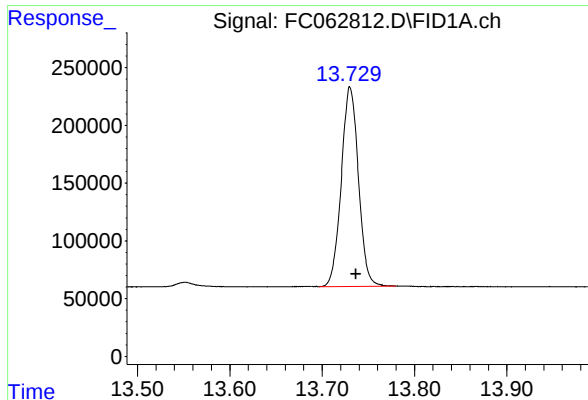
#11 n-Heneicosane (C21)

R.T.: 13.145 min
Delta R.T.: -0.005 min
Response: 2252559
Conc: 20.70 ug/ml



#12 1-chlorooctadecane (SURR)

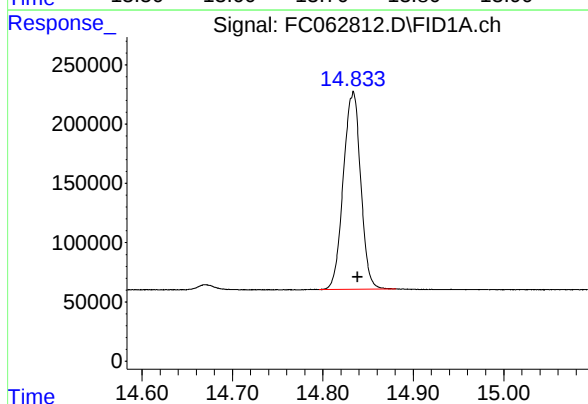
R.T.: 12.977 min
Delta R.T.: -0.005 min
Response: 1945555
Conc: 20.63 ug/ml



#13 n-Docosane (C22)

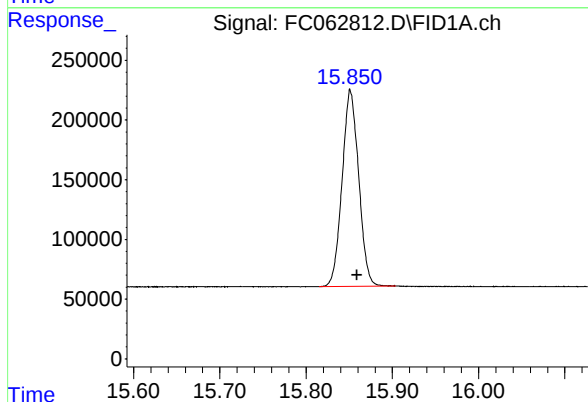
R.T.: 13.730 min
Delta R.T.: -0.006 min
Response: 2227984
Conc: 20.68 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



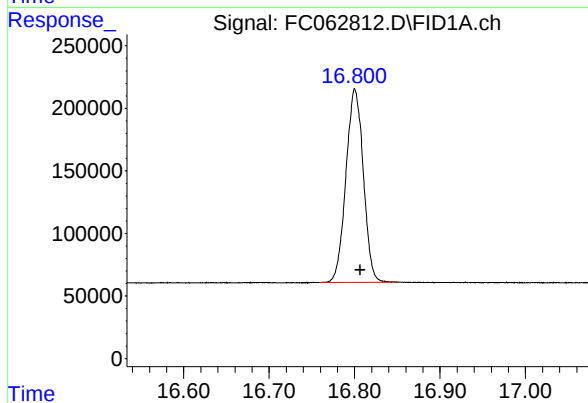
#14 n-Tetracosane (C24)

R.T.: 14.834 min
Delta R.T.: -0.005 min
Response: 2220905
Conc: 20.74 ug/ml



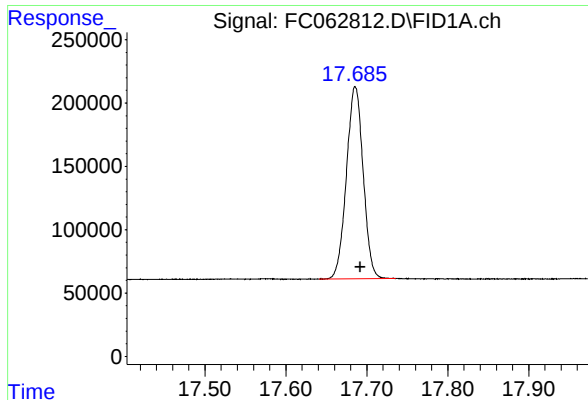
#15 n-Hexacosane (C26)

R.T.: 15.851 min
Delta R.T.: -0.007 min
Response: 2199861
Conc: 20.88 ug/ml



#16 n-Octacosane (C28)

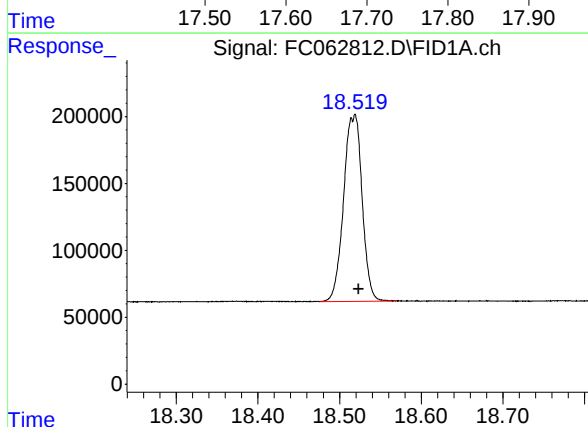
R.T.: 16.800 min
Delta R.T.: -0.007 min
Response: 2185032
Conc: 20.91 ug/ml



#17 n-Tricontane (C30)

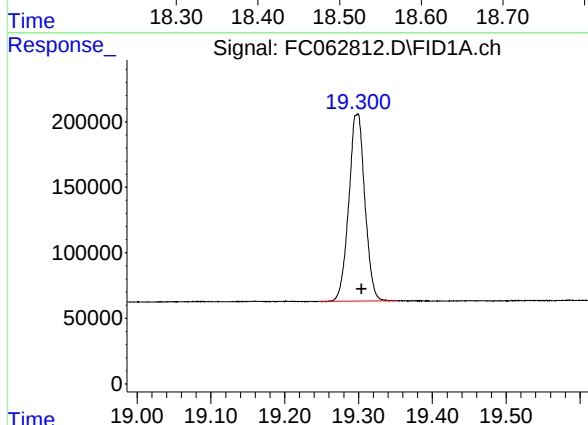
R.T.: 17.686 min
Delta R.T.: -0.006 min
Response: 2183016
Conc: 20.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



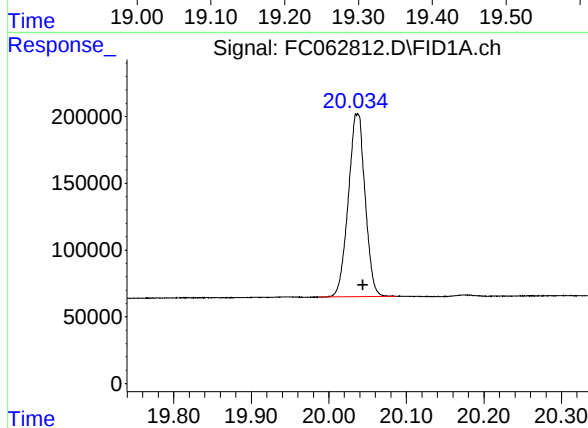
#18 n-Dotriacontane (C32)

R.T.: 18.519 min
Delta R.T.: -0.004 min
Response: 2192869
Conc: 20.30 ug/ml



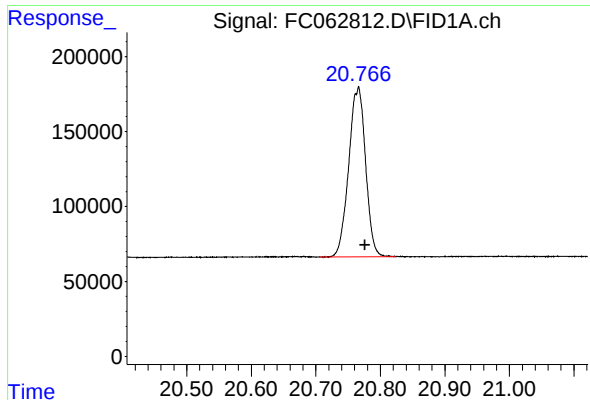
#19 n-Tetratriacontane (C34)

R.T.: 19.298 min
Delta R.T.: -0.006 min
Response: 2159423
Conc: 20.54 ug/ml



#20 n-Hexatriacontane (C36)

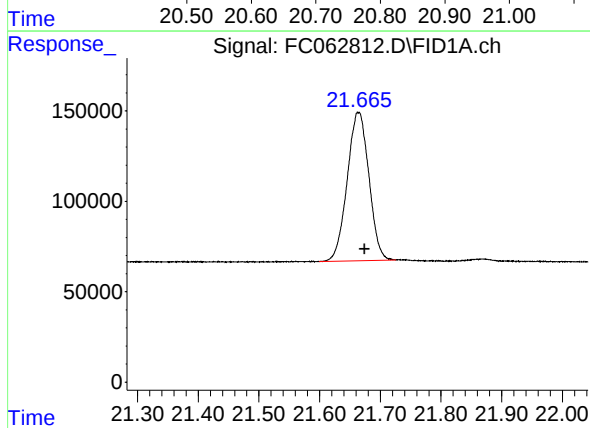
R.T.: 20.037 min
Delta R.T.: -0.007 min
Response: 2062383
Conc: 20.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.766 min
Delta R.T.: -0.010 min
Response: 2053100
Conc: 20.45 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.664 min
Delta R.T.: -0.010 min
Response: 2032464
Conc: 21.09 ug/ml