

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021225AL\
 Data File : FC068262.D
 Signal(s) : FID1A.ch
 Acq On : 12 Feb 2025 10:03
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 13 01:59:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:52:40 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)	11.398	3045135	19.487 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
12) S 1-chlorooctadecane (S...	12.840	2259606	19.648 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
Target Compounds			
1) T n-Nonane (C9)	3.207	2765602	20.197 ug/ml
2) T n-Decane (C10)	4.264	2836647	20.432 ug/ml
3) T A~Naphthalene (C11.7)	5.831	3076645	20.494 ug/ml
4) T n-Dodecane (C12)	6.273	2823718	20.213 ug/ml
5) T A~2-methylnaphthalene...	6.883	2931064	20.407 ug/ml
6) T n-Tetradecane (C14)	8.061	2729974	20.003 ug/ml
7) T n-Hexadecane (C16)	9.657	2755399	19.830 ug/ml
8) T n-Octadecane (C18)	11.094	2761044	19.734 ug/ml
10) T n-Eicosane (C20)	12.400	2638752	19.721 ug/ml
11) T n-Heneicosane (C21)	13.010	2582647	19.664 ug/ml
13) T n-Docosane (C22)	13.595	2571174	19.849 ug/ml
14) T n-Tetracosane (C24)	14.695	2584871	20.134 ug/ml
15) T n-Hexacosane (C26)	15.714	2543471	20.212 ug/ml
16) T n-Octacosane (C28)	16.663	2543166	20.334 ug/ml
17) T n-Tricontane (C30)	17.548	2639112	20.418 ug/ml
18) T n-Dotriacontane (C32)	18.379	2567954	20.542 ug/ml
19) T n-Tetratriacontane (C34)	19.160	2240201	20.652 ug/ml
20) T n-Hexatriacontane (C36)	19.899	1919522	20.742 ug/ml
21) T n-Octatriacontane (C38)	20.610	1798211	20.986 ug/ml
22) T n-Tetracontane (C40)	21.462	1742135	21.545 ug/ml

(f)=RT Delta > 1/2 Window

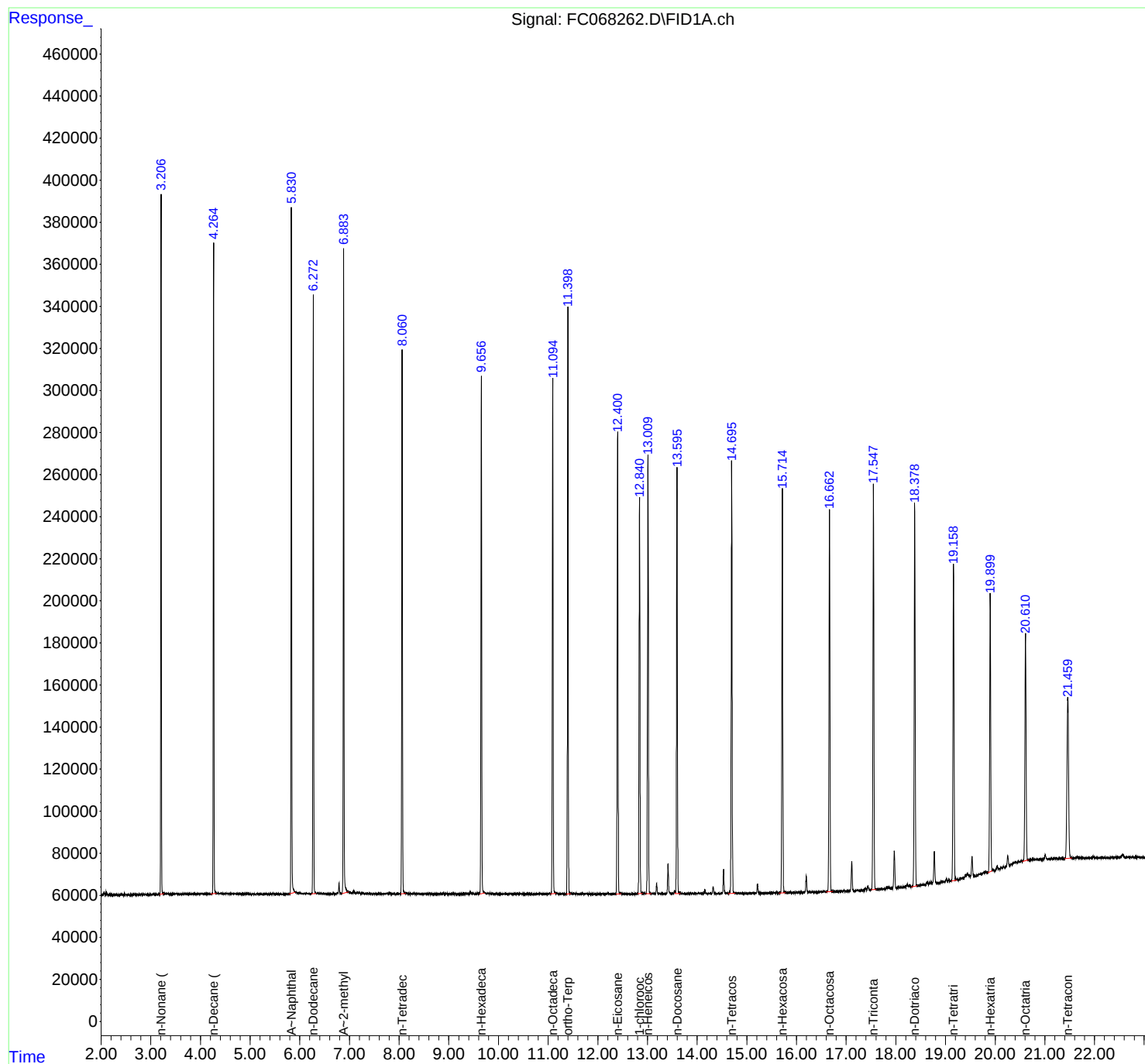
(m)=manual int.

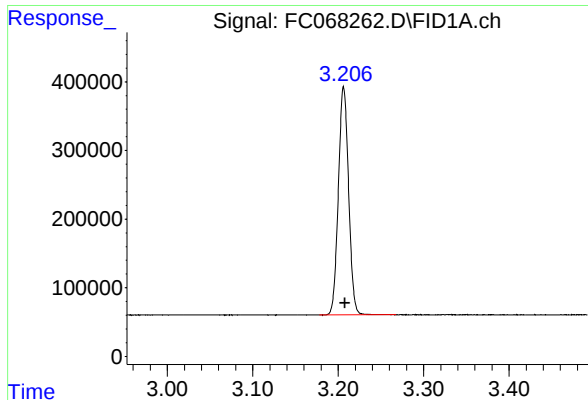
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021225AL\
Data File : FC068262.D
Signal(s) : FID1A.ch
Acq On : 12 Feb 2025 10:03
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Feb 13 01:59:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:52:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

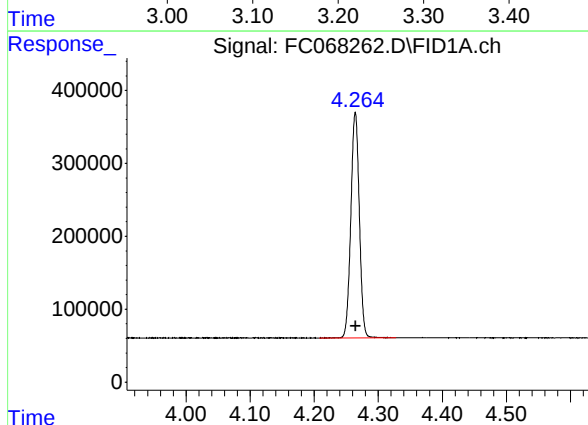




#1 n-Nonane (C9)

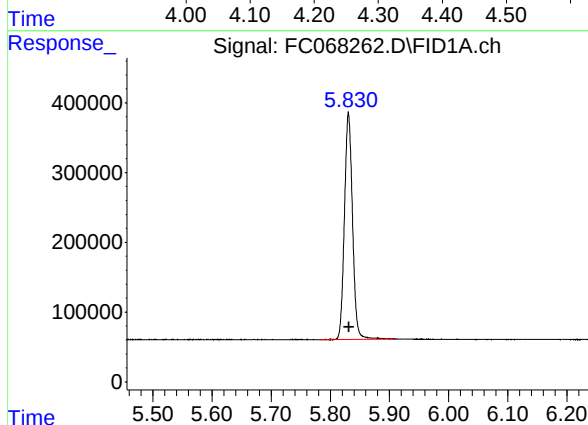
R.T.: 3.207 min
Delta R.T.: -0.001 min
Response: 2765602
Conc: 20.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



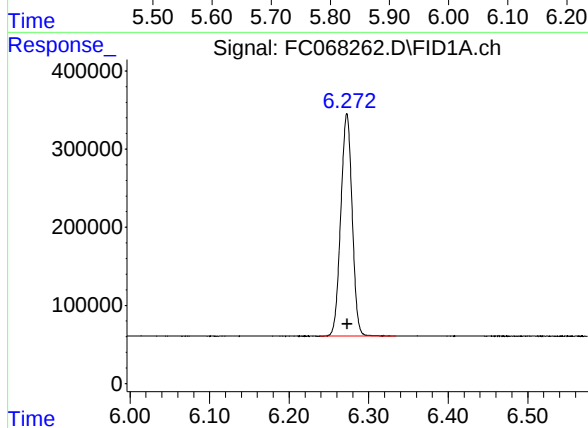
#2 n-Decane (C10)

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 2836647
Conc: 20.43 ug/ml



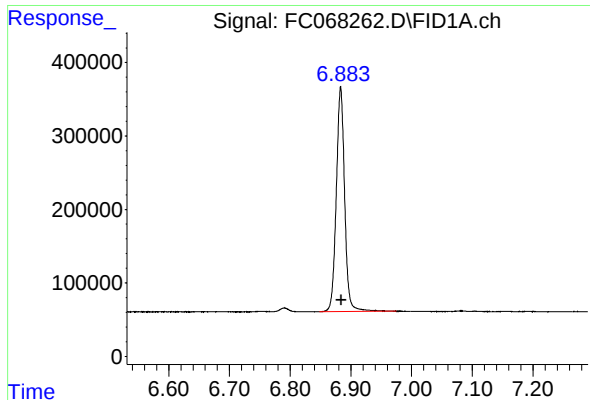
#3 A~Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 3076645
Conc: 20.49 ug/ml



#4 n-Dodecane (C12)

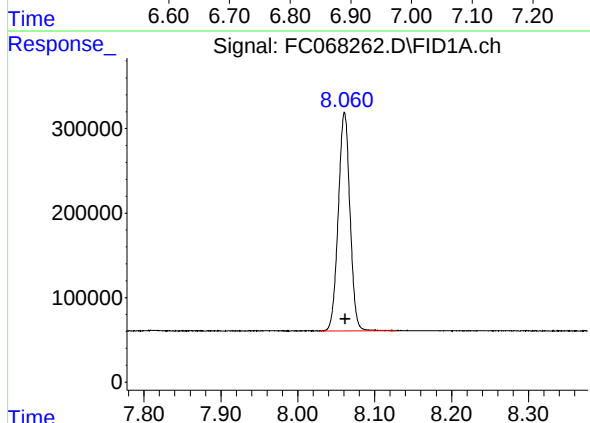
R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 2823718
Conc: 20.21 ug/ml



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

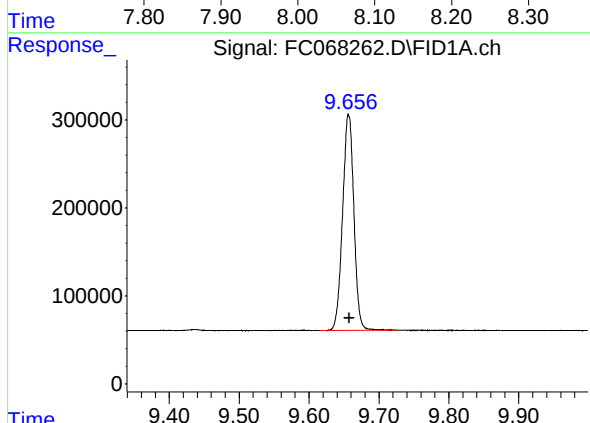
R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 2931064
Conc: 20.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



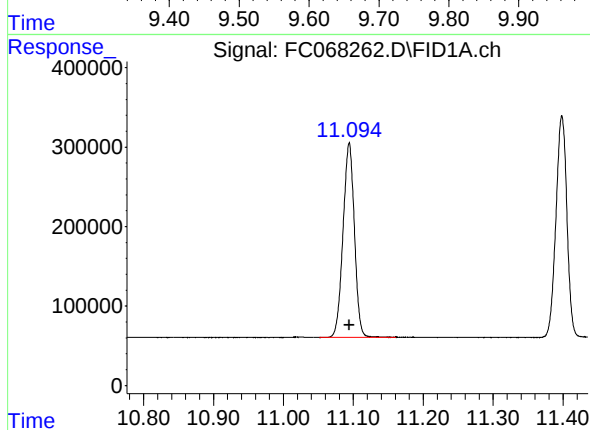
#6 n-Tetradecane (C14)

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 2729974
Conc: 20.00 ug/ml



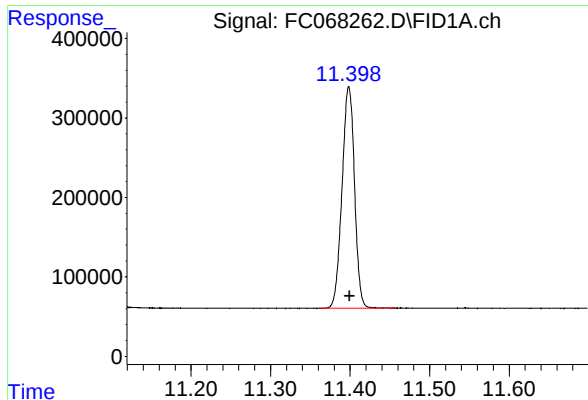
#7 n-Hexadecane (C16)

R.T.: 9.657 min
Delta R.T.: 0.000 min
Response: 2755399
Conc: 19.83 ug/ml



#8 n-Octadecane (C18)

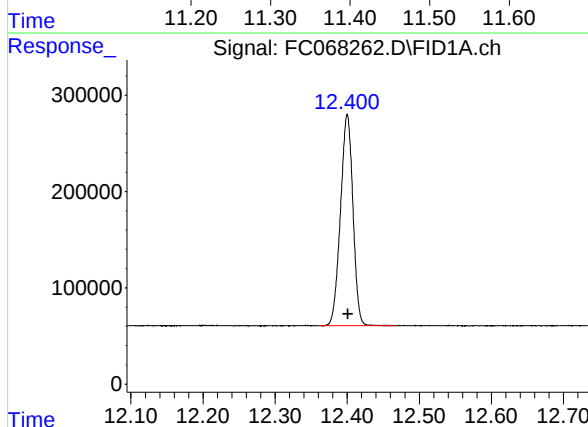
R.T.: 11.094 min
Delta R.T.: 0.000 min
Response: 2761044
Conc: 19.73 ug/ml



#9 ortho-Terphenyl (SURR)

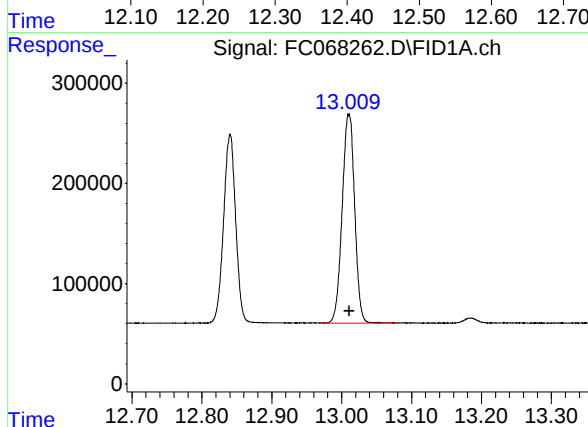
R.T.: 11.398 min
Delta R.T.: -0.001 min
Response: 3045135
Conc: 19.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



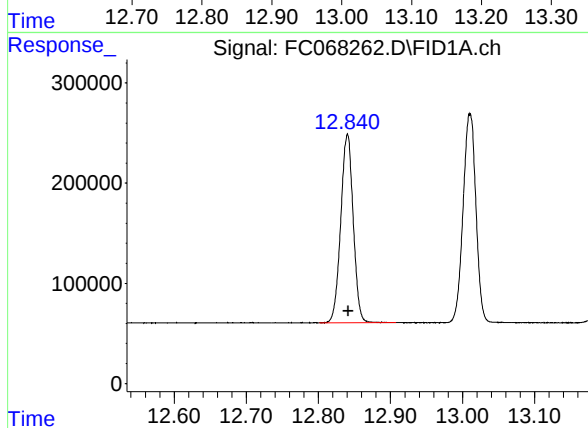
#10 n-Eicosane (C20)

R.T.: 12.400 min
Delta R.T.: 0.000 min
Response: 2638752
Conc: 19.72 ug/ml



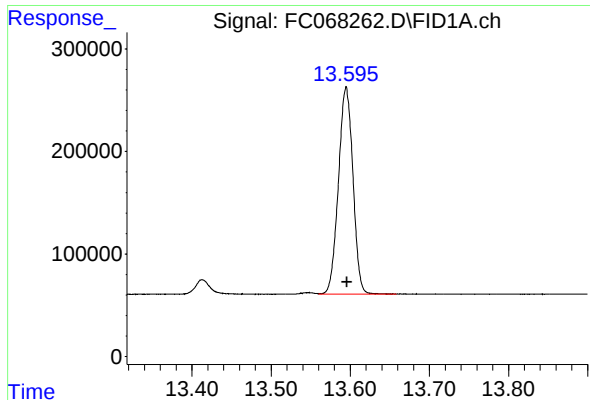
#11 n-Heneicosane (C21)

R.T.: 13.010 min
Delta R.T.: 0.000 min
Response: 2582647
Conc: 19.66 ug/ml



#12 1-chlorooctadecane (SURR)

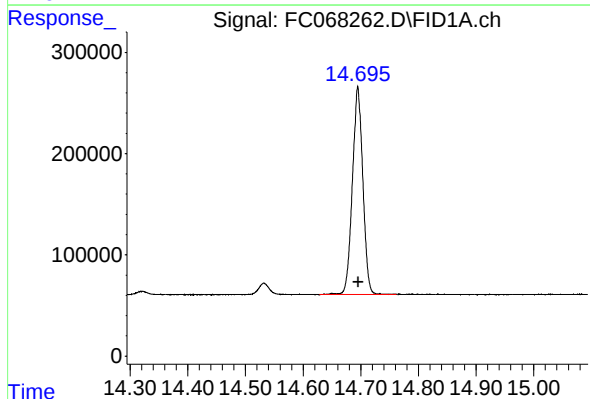
R.T.: 12.840 min
Delta R.T.: -0.001 min
Response: 2259606
Conc: 19.65 ug/ml



#13 n-Docosane (C22)

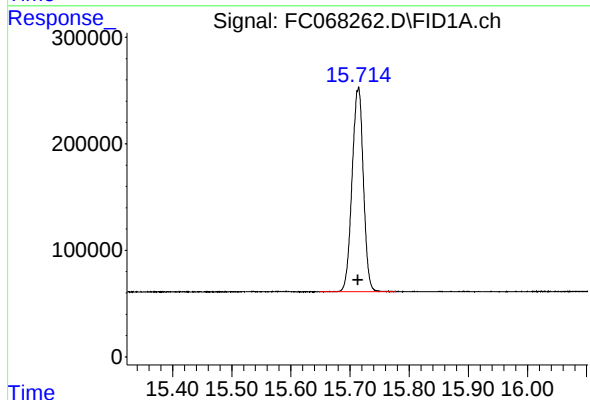
R.T.: 13.595 min
Delta R.T.: -0.001 min
Response: 2571174
Conc: 19.85 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



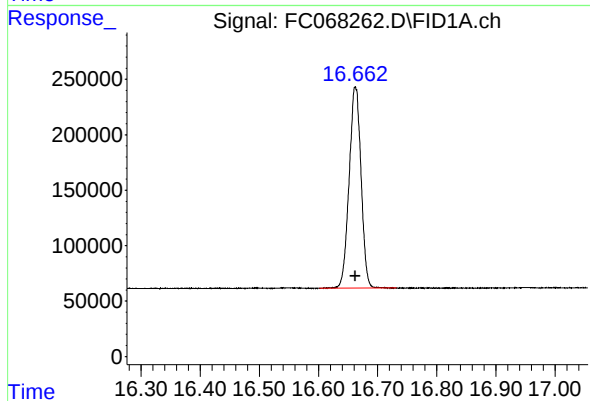
#14 n-Tetracosane (C24)

R.T.: 14.695 min
Delta R.T.: -0.001 min
Response: 2584871
Conc: 20.13 ug/ml



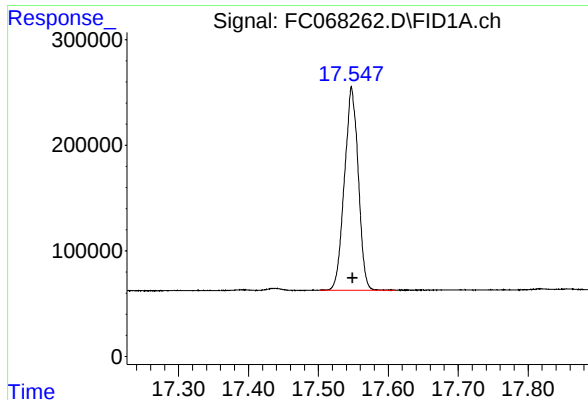
#15 n-Hexacosane (C26)

R.T.: 15.714 min
Delta R.T.: 0.000 min
Response: 2543471
Conc: 20.21 ug/ml



#16 n-Octacosane (C28)

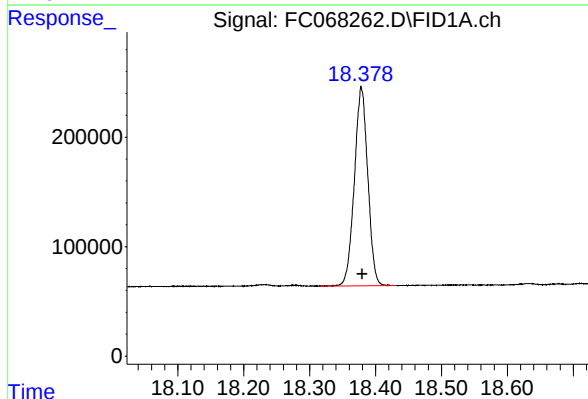
R.T.: 16.663 min
Delta R.T.: 0.000 min
Response: 2543166
Conc: 20.33 ug/ml



#17 n-Tricontane (C30)

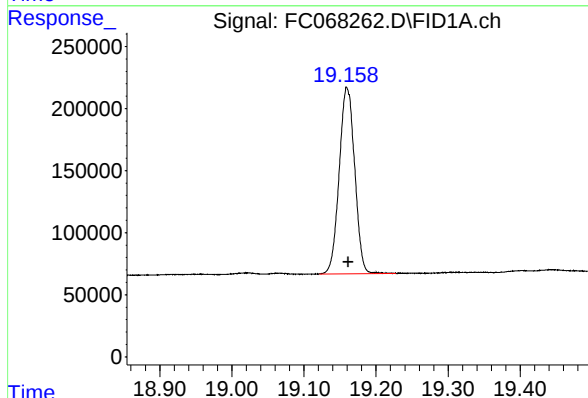
R.T.: 17.548 min
Delta R.T.: -0.001 min
Response: 2639112
Conc: 20.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



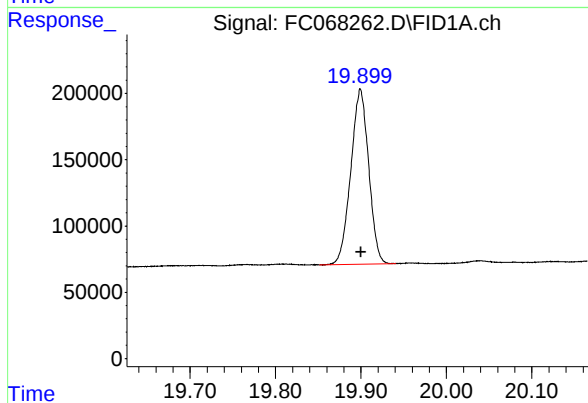
#18 n-Dotriacontane (C32)

R.T.: 18.379 min
Delta R.T.: -0.001 min
Response: 2567954
Conc: 20.54 ug/ml



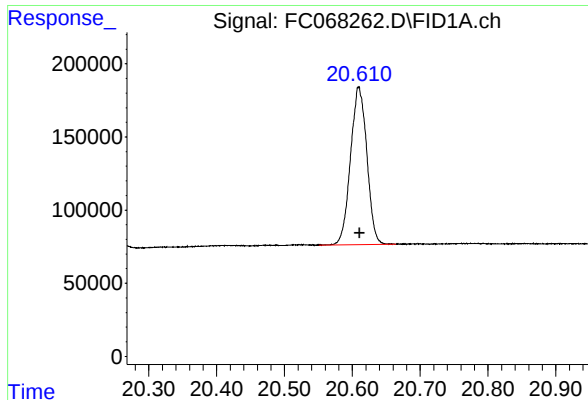
#19 n-Tetatriacontane (C34)

R.T.: 19.160 min
Delta R.T.: -0.001 min
Response: 2240201
Conc: 20.65 ug/ml



#20 n-Hexatriacontane (C36)

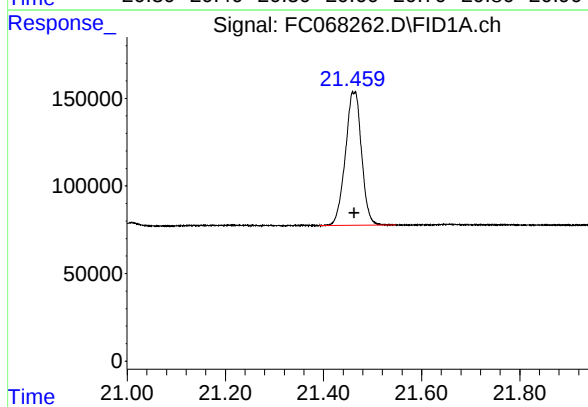
R.T.: 19.899 min
Delta R.T.: 0.000 min
Response: 1919522
Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.610 min
Delta R.T.: -0.001 min
Response: 1798211
Conc: 20.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.462 min
Delta R.T.: 0.000 min
Response: 1742135
Conc: 21.55 ug/ml