

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041225AL\
 Data File : FC068574.D
 Signal(s) : FID1A.ch
 Acq On : 11 Apr 2025 09:18
 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: Apr 11 22:35:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.711	2466942	19.373 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
12) S 1-chlorooctadecane (S...	13.143	1817613	19.567 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
Target Compounds			
1) T n-Nonane (C9)	3.445	2141415	20.332 ug/ml
2) T n-Decane (C10)	4.520	2149385	20.400 ug/ml
3) T A~Naphthalene (C11.7)	6.116	2334497	20.045 ug/ml
4) T n-Dodecane (C12)	6.544	2136914	20.320 ug/ml
5) T A~2-methylnaphthalene...	7.174	2310092	20.001 ug/ml
6) T n-Tetradecane (C14)	8.341	2074303	20.177 ug/ml
7) T n-Hexadecane (C16)	9.944	2048130	20.111 ug/ml
8) T n-Octadecane (C18)	11.387	2019631	20.069 ug/ml
10) T n-Eicosane (C20)	12.698	1957856	19.905 ug/ml
11) T n-Heneicosane (C21)	13.310	1932330	19.828 ug/ml
13) T n-Docosane (C22)	13.897	1905350	19.725 ug/ml
14) T n-Tetracosane (C24)	15.002	1864404	19.587 ug/ml
15) T n-Hexacosane (C26)	16.024	1816887	19.452 ug/ml
16) T n-Octacosane (C28)	16.976	1780682	19.449 ug/ml
17) T n-Tricontane (C30)	17.866	1803990	19.623 ug/ml
18) T n-Dotriacontane (C32)	18.701	1804711	19.674 ug/ml
19) T n-Tetratriacontane (C34)	19.486	1745487	19.538 ug/ml
20) T n-Hexatriacontane (C36)	20.229	1745358	19.484 ug/ml
21) T n-Octatriacontane (C38)	21.004	1719210	19.445 ug/ml
22) T n-Tetracontane (C40)	21.984	1717369	19.448 ug/ml

(f)=RT Delta > 1/2 Window

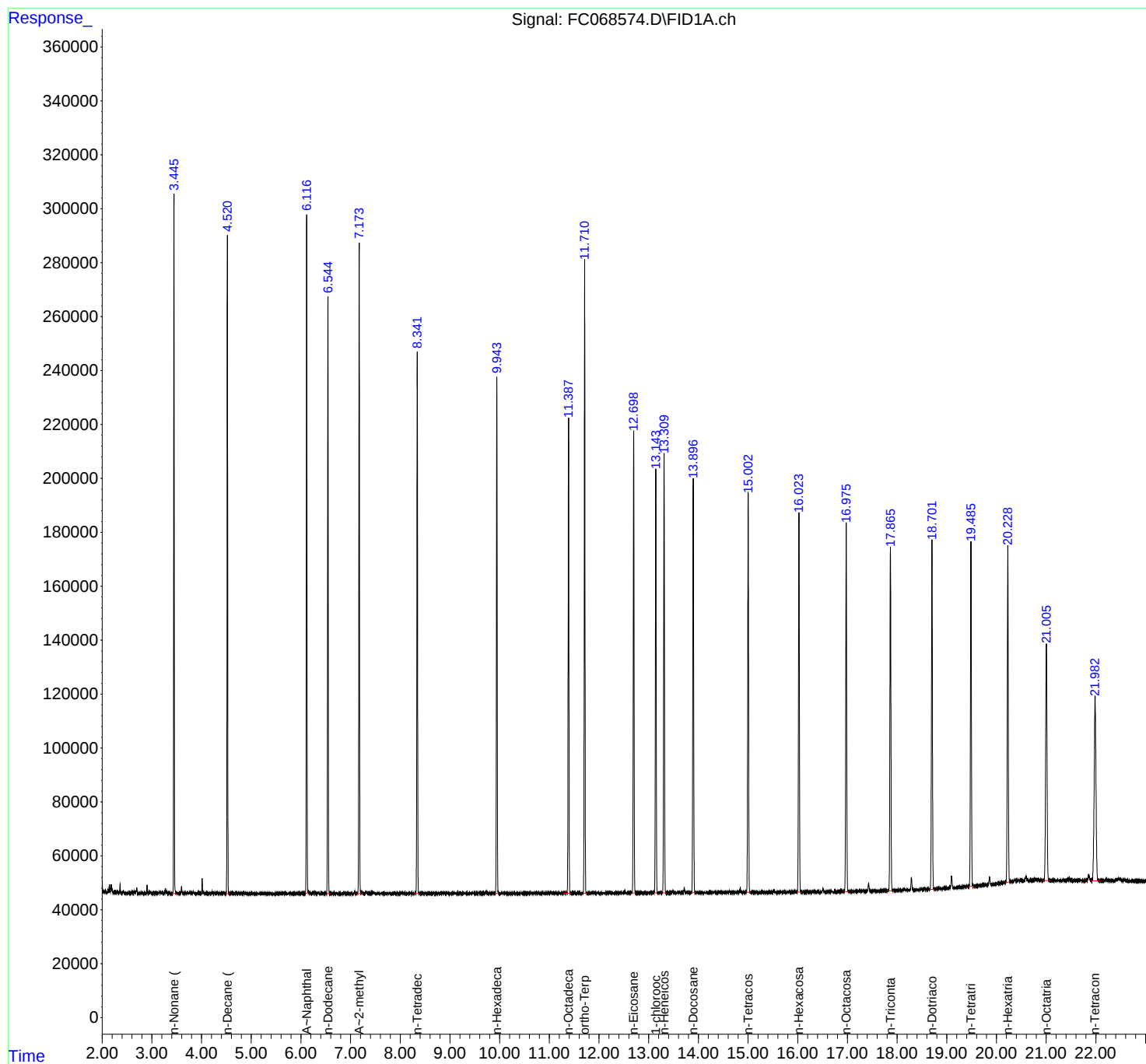
(m)=manual int.

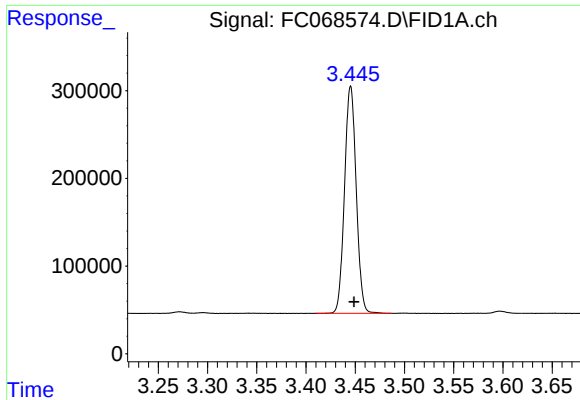
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041225AL\
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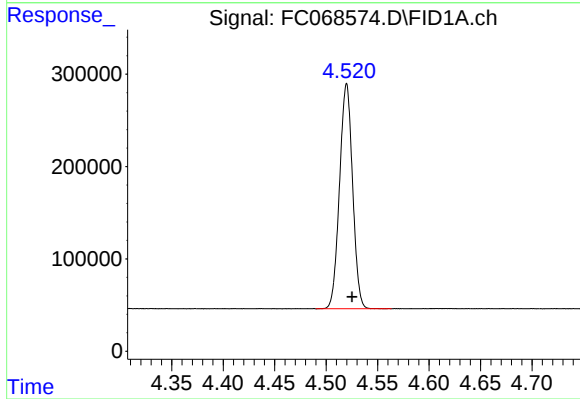




#1 n-Nonane (C9)

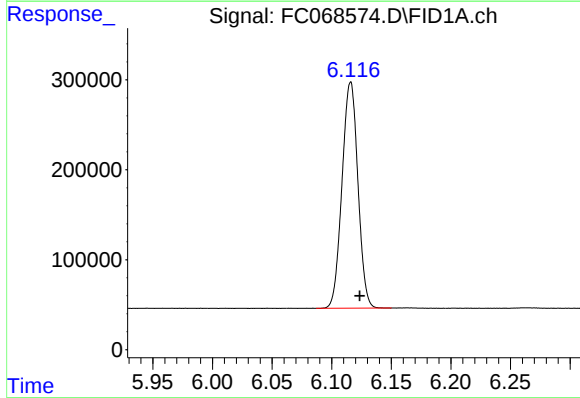
R.T.: 3.445 min
Delta R.T.: -0.004 min
Response: 2141415
Conc: 20.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



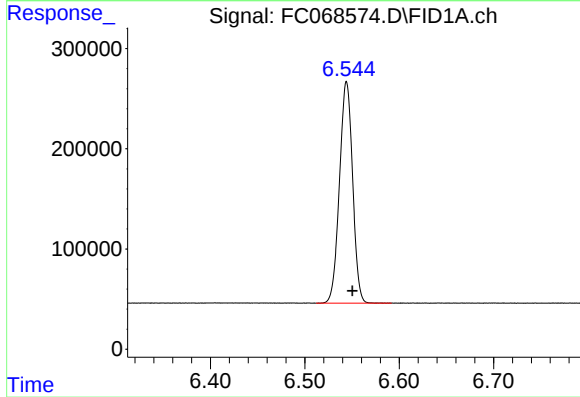
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: -0.005 min
Response: 2149385
Conc: 20.40 ug/ml



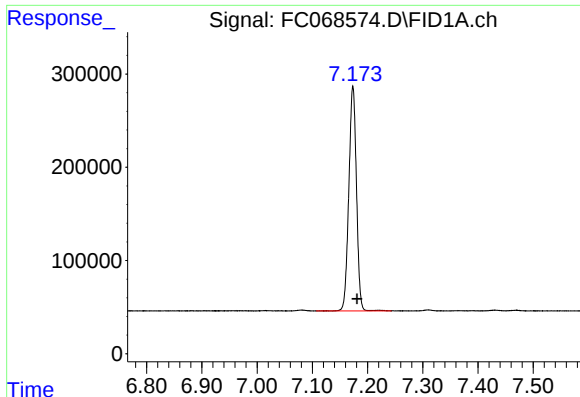
#3 A~Naphthalene (C11.7)

R.T.: 6.116 min
Delta R.T.: -0.008 min
Response: 2334497
Conc: 20.05 ug/ml



#4 n-Dodecane (C12)

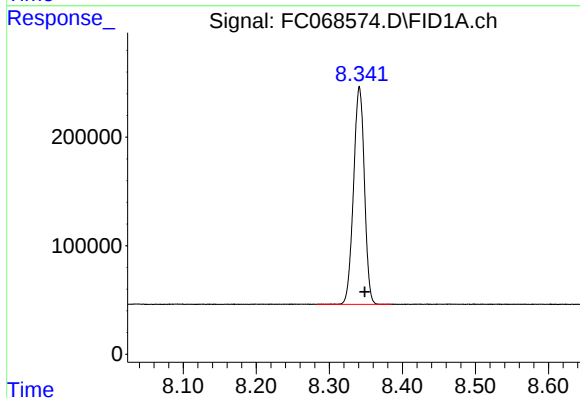
R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 2136914
Conc: 20.32 ug/ml



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

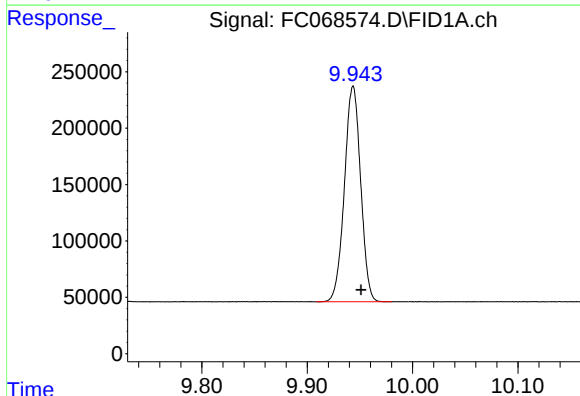
R.T.: 7.174 min
Delta R.T.: -0.007 min
Response: 2310092
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



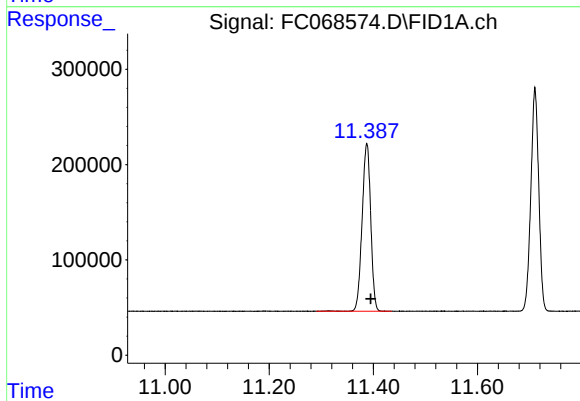
#6 n-Tetradecane (C14)

R.T.: 8.341 min
Delta R.T.: -0.007 min
Response: 2074303
Conc: 20.18 ug/ml



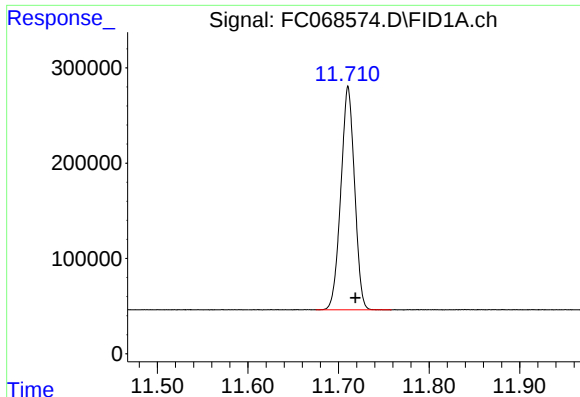
#7 n-Hexadecane (C16)

R.T.: 9.944 min
Delta R.T.: -0.007 min
Response: 2048130
Conc: 20.11 ug/ml



#8 n-Octadecane (C18)

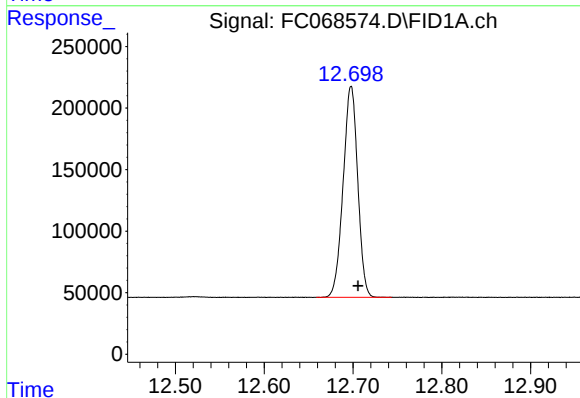
R.T.: 11.387 min
Delta R.T.: -0.007 min
Response: 2019631
Conc: 20.07 ug/ml



#9 ortho-Terphenyl (SURR)

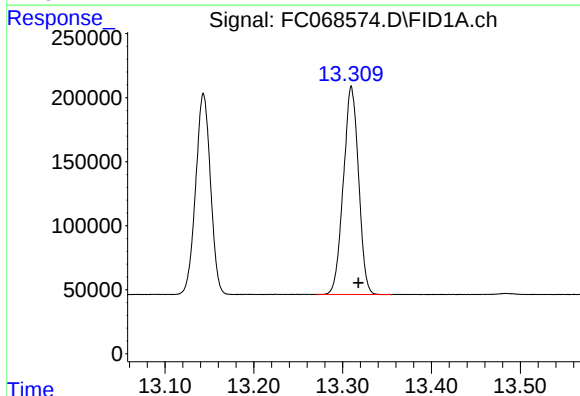
R.T.: 11.711 min
Delta R.T.: -0.008 min
Response: 2466942
Conc: 19.37 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



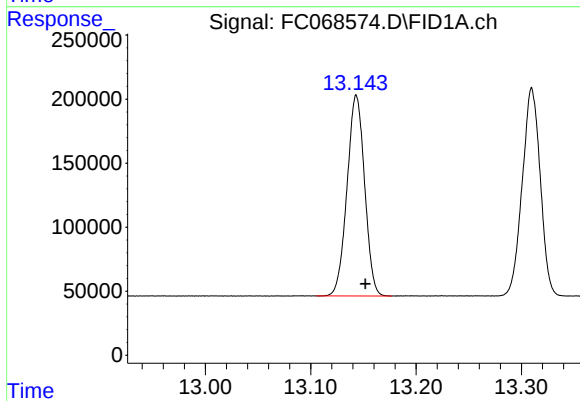
#10 n-Eicosane (C20)

R.T.: 12.698 min
Delta R.T.: -0.008 min
Response: 1957856
Conc: 19.90 ug/ml



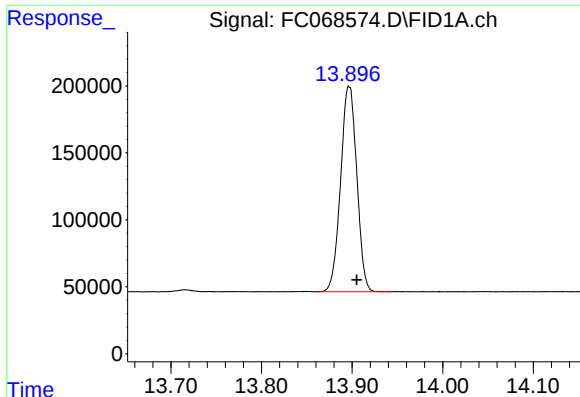
#11 n-Heneicosane (C21)

R.T.: 13.310 min
Delta R.T.: -0.008 min
Response: 1932330
Conc: 19.83 ug/ml



#12 1-chlorooctadecane (SURR)

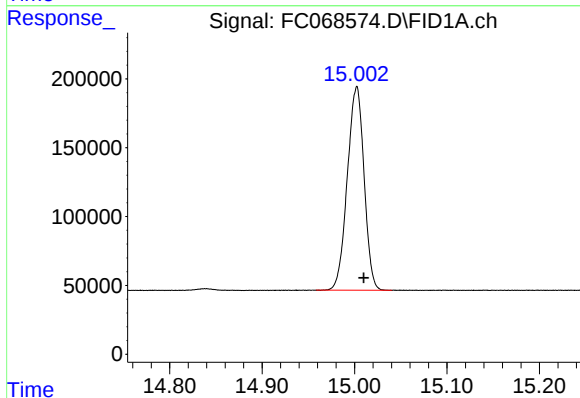
R.T.: 13.143 min
Delta R.T.: -0.009 min
Response: 1817613
Conc: 19.57 ug/ml



#13 n-Docosane (C22)

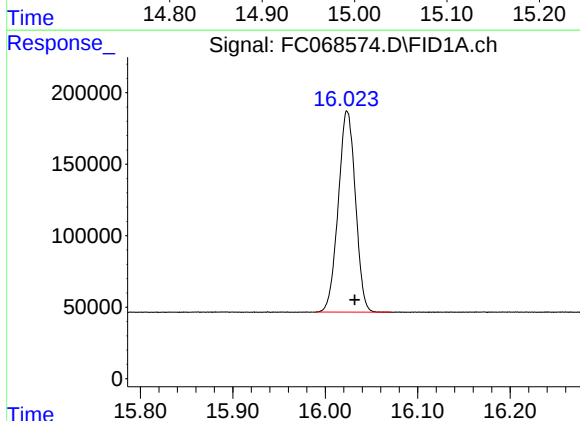
R.T.: 13.897 min
Delta R.T.: -0.008 min
Response: 1905350
Conc: 19.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



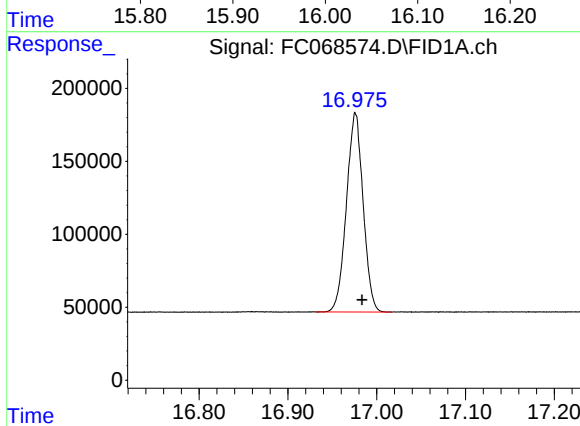
#14 n-Tetracosane (C24)

R.T.: 15.002 min
Delta R.T.: -0.008 min
Response: 1864404
Conc: 19.59 ug/ml



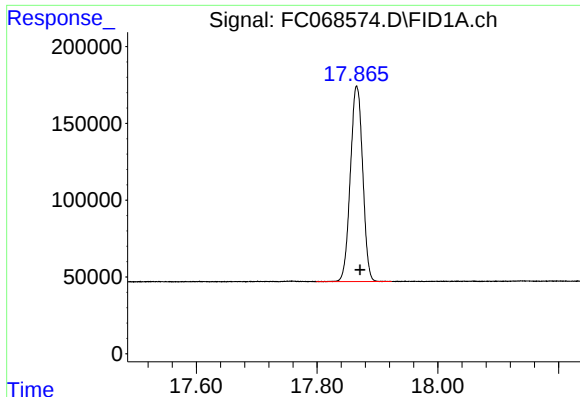
#15 n-Hexacosane (C26)

R.T.: 16.024 min
Delta R.T.: -0.008 min
Response: 1816887
Conc: 19.45 ug/ml



#16 n-Octacosane (C28)

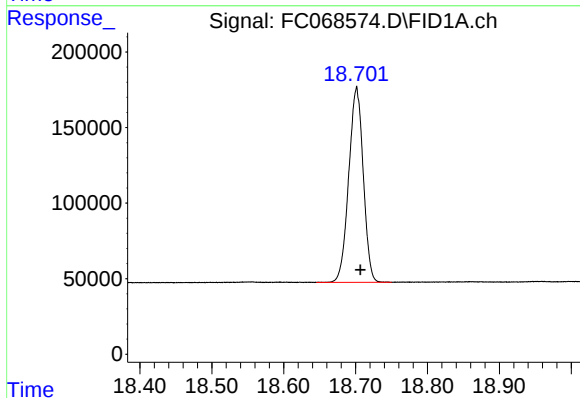
R.T.: 16.976 min
Delta R.T.: -0.008 min
Response: 1780682
Conc: 19.45 ug/ml



#17 n-Tricontane (C30)

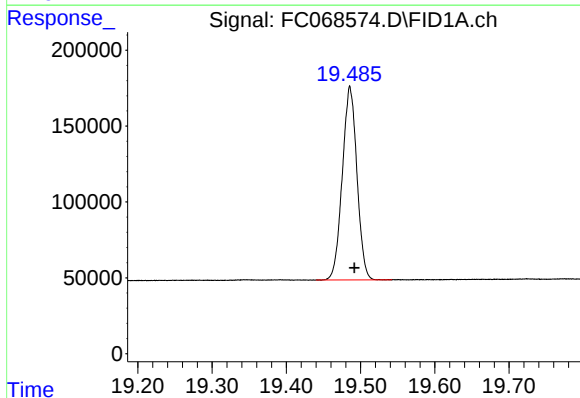
R.T.: 17.866 min
Delta R.T.: -0.006 min
Response: 1803990
Conc: 19.62 ug/ml

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20 PPM ALIPHATIC HC STD



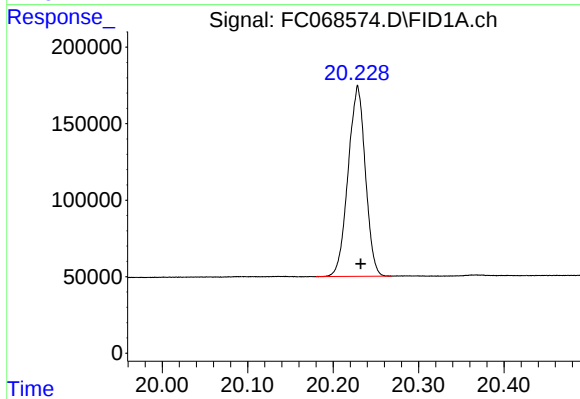
#18 n-Dotriacontane (C32)

R.T.: 18.701 min
Delta R.T.: -0.005 min
Response: 1804711
Conc: 19.67 ug/ml



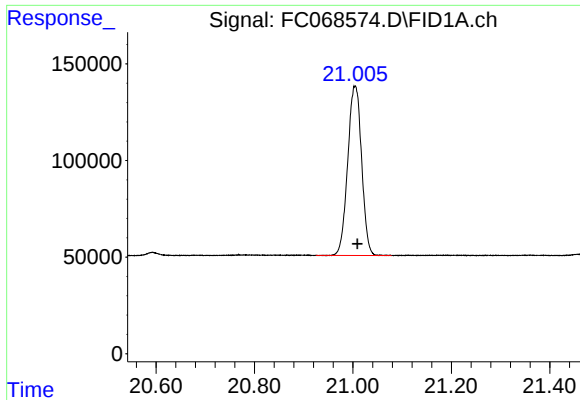
#19 n-Tetratriacontane (C34)

R.T.: 19.486 min
Delta R.T.: -0.006 min
Response: 1745487
Conc: 19.54 ug/ml



#20 n-Hexatriacontane (C36)

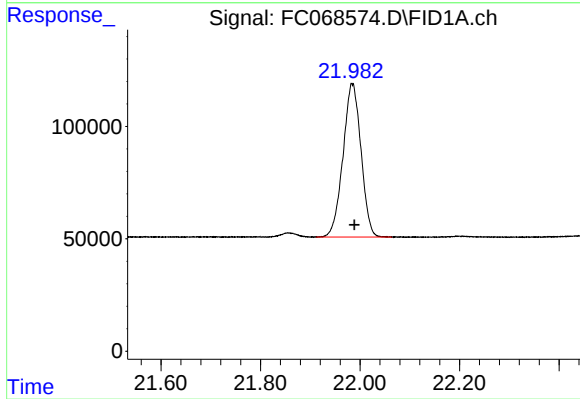
R.T.: 20.229 min
Delta R.T.: -0.003 min
Response: 1745358
Conc: 19.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.004 min
Delta R.T.: -0.005 min
Response: 1719210
Conc: 19.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.984 min
Delta R.T.: -0.004 min
Response: 1717369
Conc: 19.45 ug/ml