

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
 Data File : FC068758.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2025 22:47
 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: sample.E
 Quant Time: May 05 11:50:09 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)	11.712	2299159	18.056 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
12) S 1-chlorooctadecane (S...	13.146	1649010	17.752 ug/ml
Spiked Amount 50.000		Recovery =	35.50%
Target Compounds			
1) T n-Nonane (C9)	3.442	1937428	18.395 ug/ml
2) T n-Decane (C10)	4.519	1946987	18.479 ug/ml
3) T A~Naphthalene (C11.7)	6.116	2146666	18.433 ug/ml
4) T n-Dodecane (C12)	6.544	1911734	18.179 ug/ml
5) T A~2-methylnaphthalene...	7.174	2104999	18.225 ug/ml
6) T n-Tetradecane (C14)	8.342	1844910	17.946 ug/ml
7) T n-Hexadecane (C16)	9.945	1810309	17.776 ug/ml
8) T n-Octadecane (C18)	11.388	1794622	17.833 ug/ml
10) T n-Eicosane (C20)	12.699	1747544	17.767 ug/ml
11) T n-Heneicosane (C21)	13.312	1734046	17.793 ug/ml
13) T n-Docosane (C22)	13.899	1732538	17.936 ug/ml
14) T n-Tetracosane (C24)	15.004	1735217	18.230 ug/ml
15) T n-Hexacosane (C26)	16.025	1726157	18.480 ug/ml
16) T n-Octacosane (C28)	16.977	1777249	19.411 ug/ml
17) T n-Tricontane (C30)	17.866	1922672	20.914 ug/ml
18) T n-Dotriacontane (C32)	18.698	1999382	21.797 ug/ml
19) T n-Tetratriacontane (C34)	19.483	1930280	21.606 ug/ml
20) T n-Hexatriacontane (C36)	20.224	1922291	21.459 ug/ml
21) T n-Octatriacontane (C38)	21.002	1883193	21.300 ug/ml
22) T n-Tetracontane (C40)	21.979	1856498	21.023 ug/ml

(f)=RT Delta > 1/2 Window

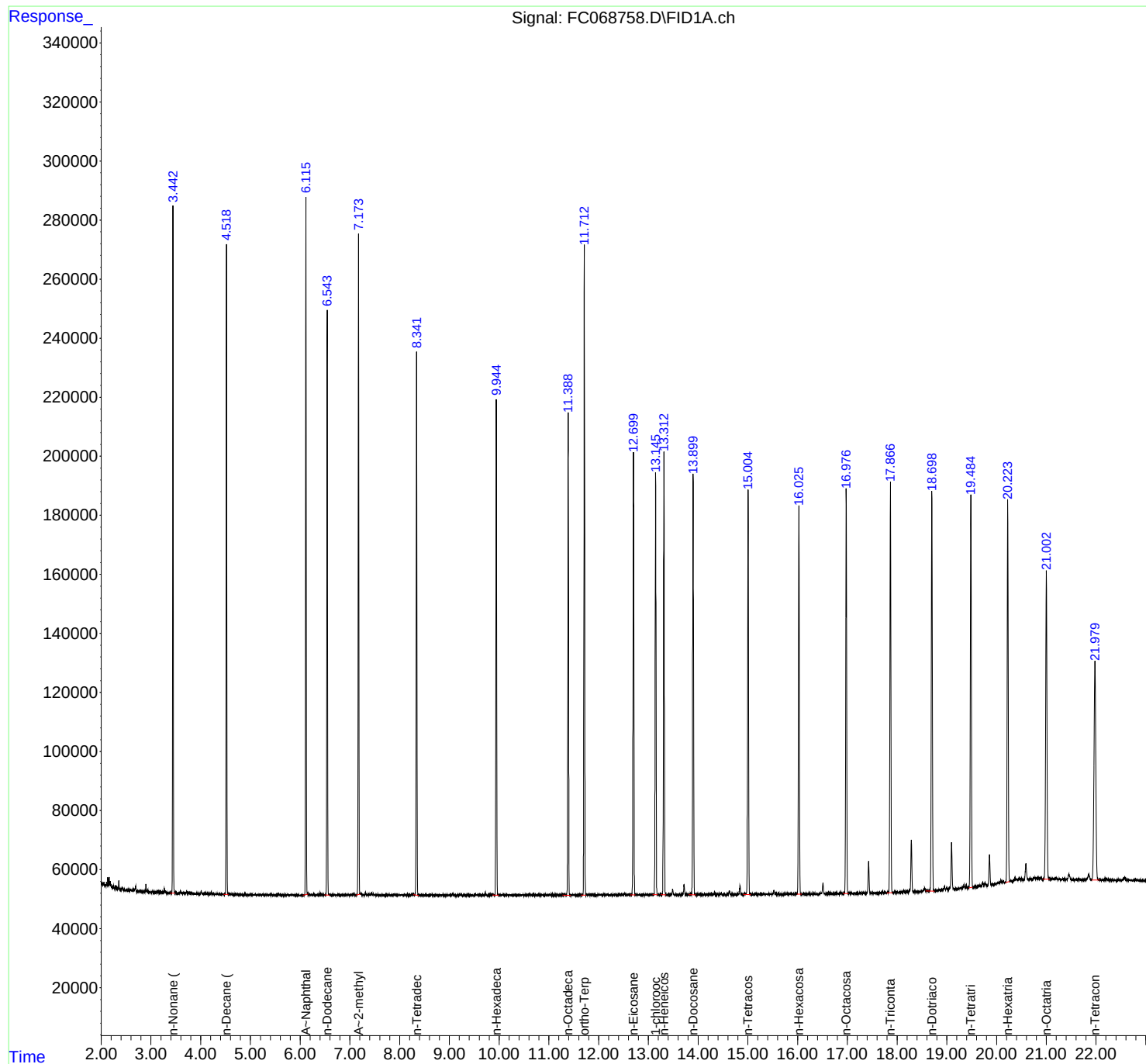
(m)=manual int.

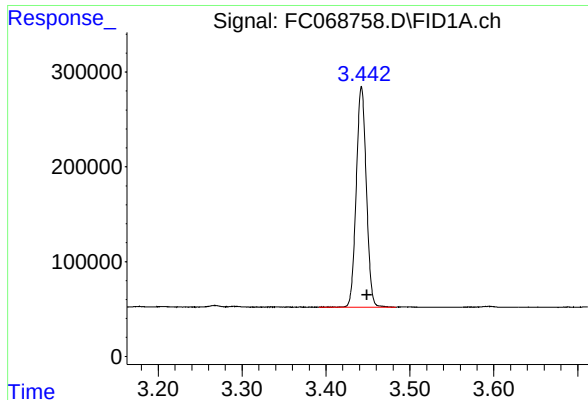
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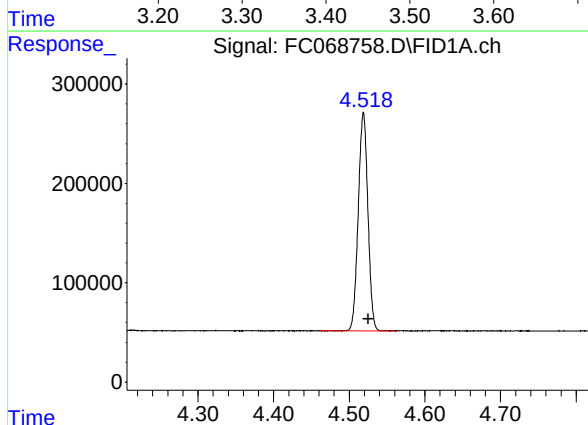




#1 n-Nonane (C9)

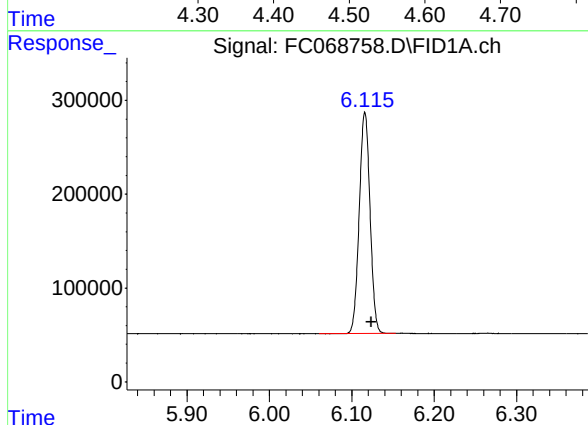
R.T.: 3.442 min
Delta R.T.: -0.007 min
Response: 1937428
Conc: 18.40 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



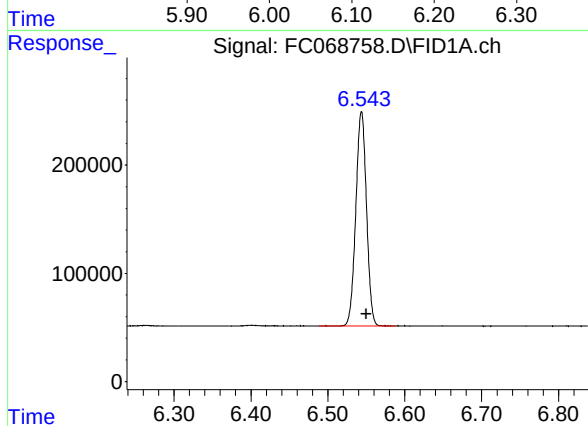
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: -0.006 min
Response: 1946987
Conc: 18.48 ug/ml



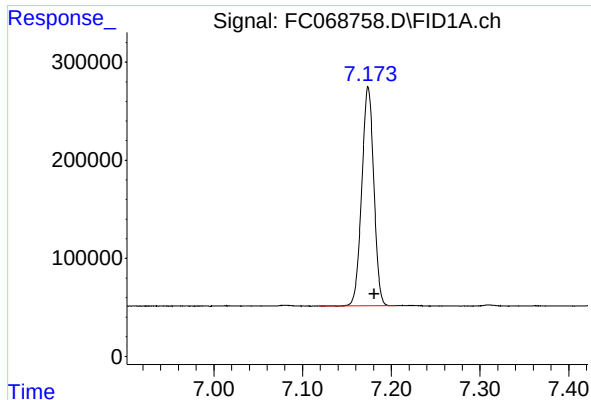
#3 A~Naphthalene (C11.7)

R.T.: 6.116 min
Delta R.T.: -0.008 min
Response: 2146666
Conc: 18.43 ug/ml



#4 n-Dodecane (C12)

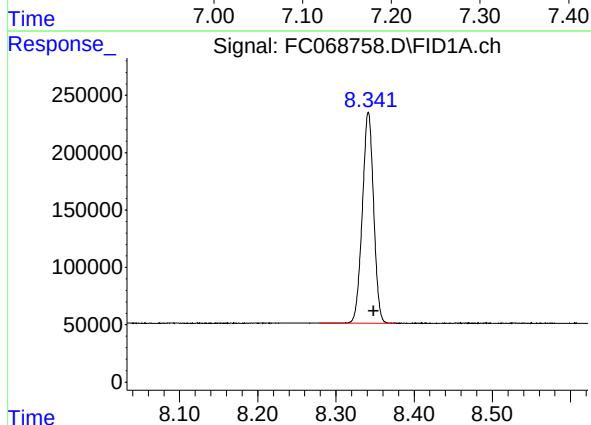
R.T.: 6.544 min
Delta R.T.: -0.007 min
Response: 1911734
Conc: 18.18 ug/ml



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

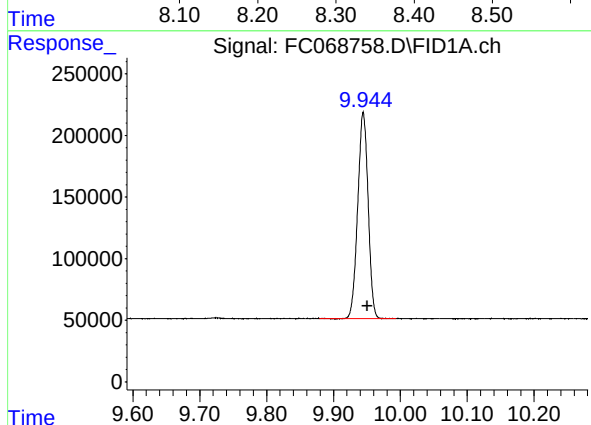
R.T.: 7.174 min
Delta R.T.: -0.007 min
Response: 2104999
Conc: 18.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



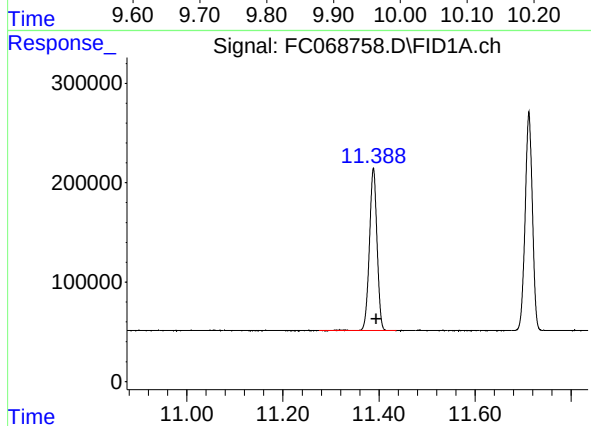
#6 n-Tetradecane (C14)

R.T.: 8.342 min
Delta R.T.: -0.007 min
Response: 1844910
Conc: 17.95 ug/ml



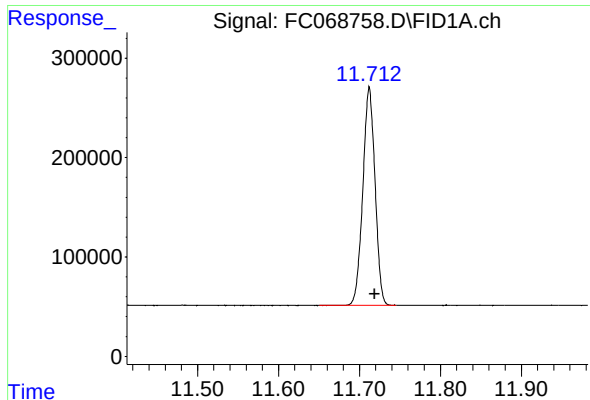
#7 n-Hexadecane (C16)

R.T.: 9.945 min
Delta R.T.: -0.006 min
Response: 1810309
Conc: 17.78 ug/ml



#8 n-Octadecane (C18)

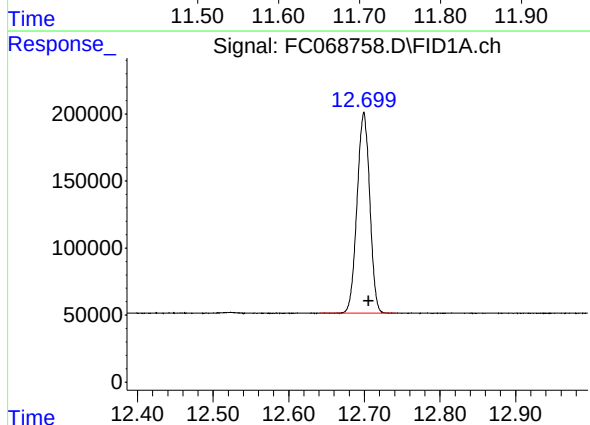
R.T.: 11.388 min
Delta R.T.: -0.006 min
Response: 1794622
Conc: 17.83 ug/ml



#9 ortho-Terphenyl (SURR)

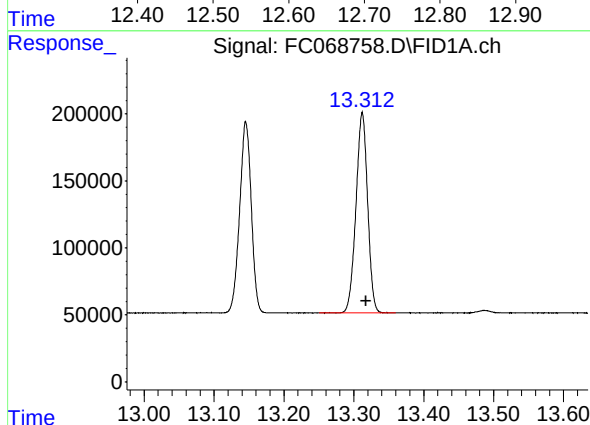
R.T.: 11.712 min
Delta R.T.: -0.007 min
Response: 2299159
Conc: 18.06 ug/ml

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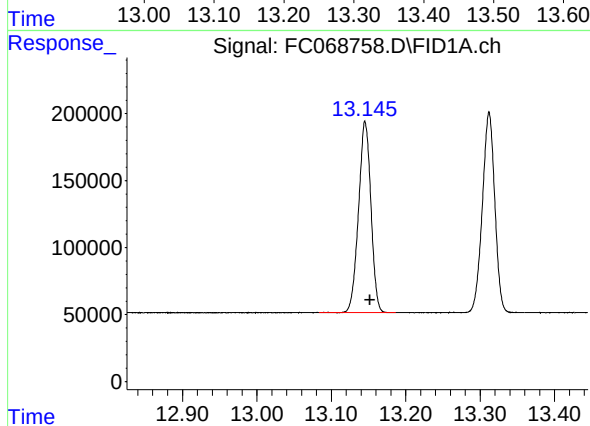
#10 n-Eicosane (C20)

R.T.: 12.699 min
Delta R.T.: -0.006 min
Response: 1747544
Conc: 17.77 ug/ml



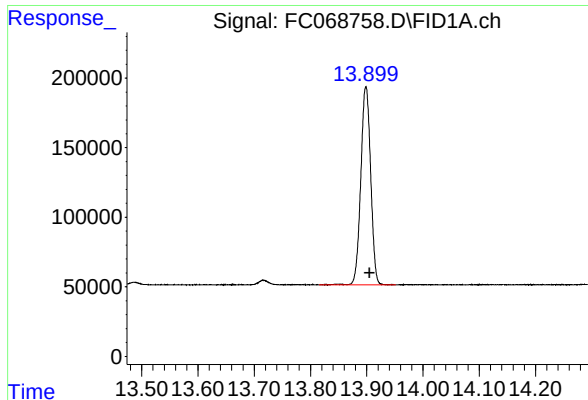
#11 n-Heneicosane (C21)

R.T.: 13.312 min
Delta R.T.: -0.006 min
Response: 1734046
Conc: 17.79 ug/ml



#12 1-chlorooctadecane (SURR)

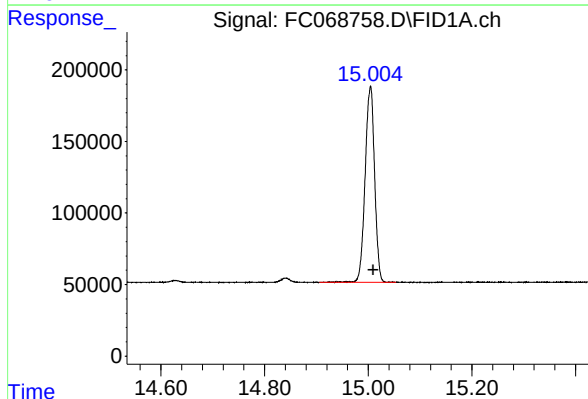
R.T.: 13.146 min
Delta R.T.: -0.006 min
Response: 1649010
Conc: 17.75 ug/ml



#13 n-Docosane (C22)

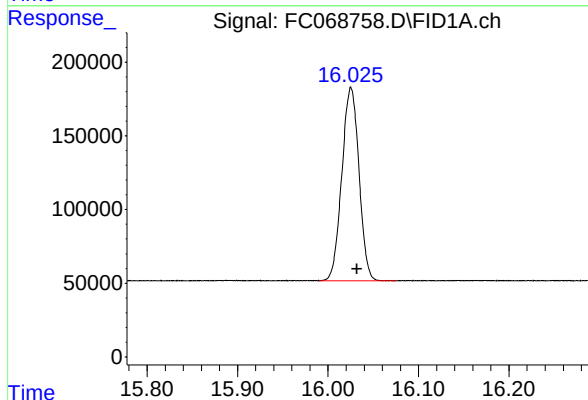
R.T.: 13.899 min
Delta R.T.: -0.006 min
Response: 1732538
Conc: 17.94 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



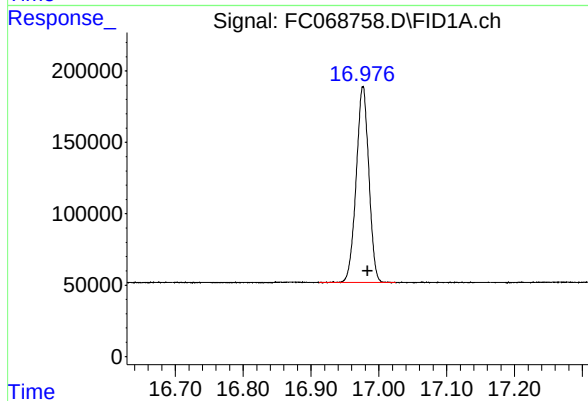
#14 n-Tetracosane (C24)

R.T.: 15.004 min
Delta R.T.: -0.006 min
Response: 1735217
Conc: 18.23 ug/ml



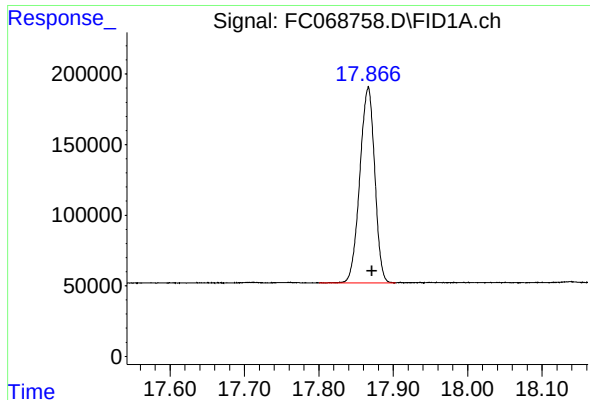
#15 n-Hexacosane (C26)

R.T.: 16.025 min
Delta R.T.: -0.007 min
Response: 1726157
Conc: 18.48 ug/ml



#16 n-Octacosane (C28)

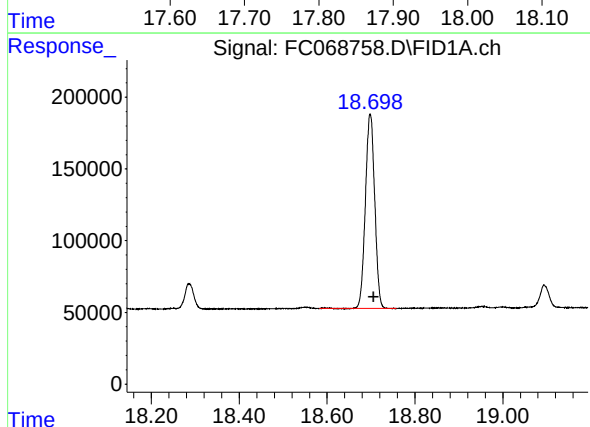
R.T.: 16.977 min
Delta R.T.: -0.007 min
Response: 1777249
Conc: 19.41 ug/ml



#17 n-Tricontane (C30)

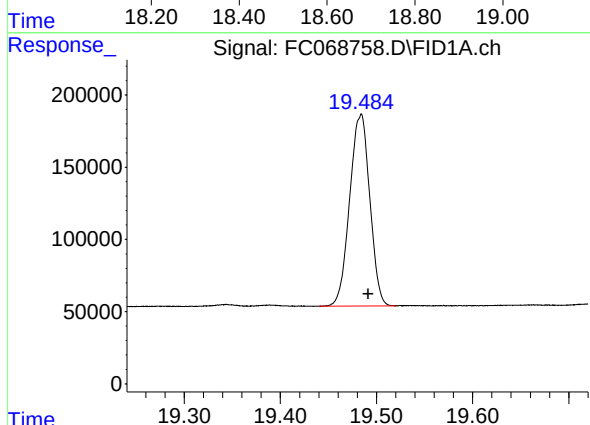
R.T.: 17.866 min
Delta R.T.: -0.005 min
Response: 1922672
Conc: 20.91 ug/ml

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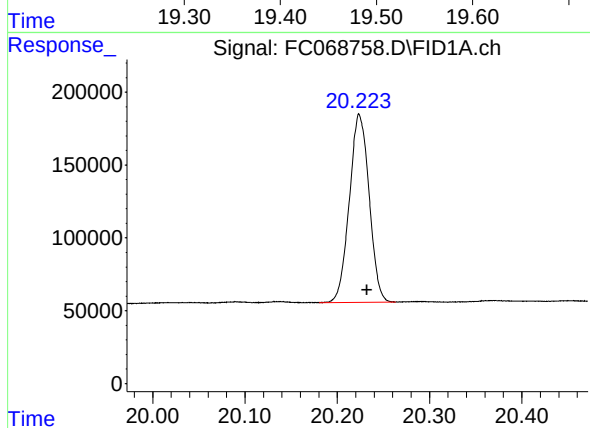
#18 n-Dotriacontane (C32)

R.T.: 18.698 min
Delta R.T.: -0.008 min
Response: 1999382
Conc: 21.80 ug/ml



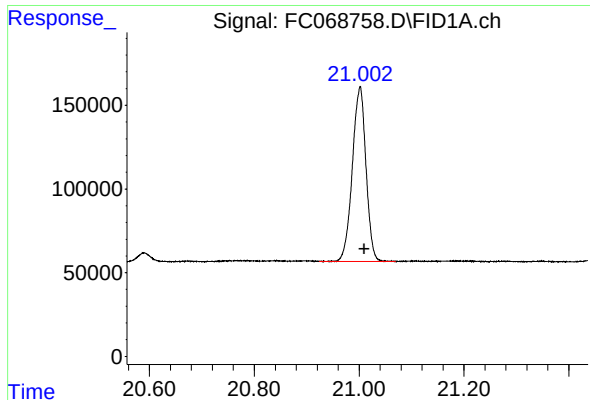
#19 n-Tetratriacontane (C34)

R.T.: 19.483 min
Delta R.T.: -0.008 min
Response: 1930280
Conc: 21.61 ug/ml



#20 n-Hexatriacontane (C36)

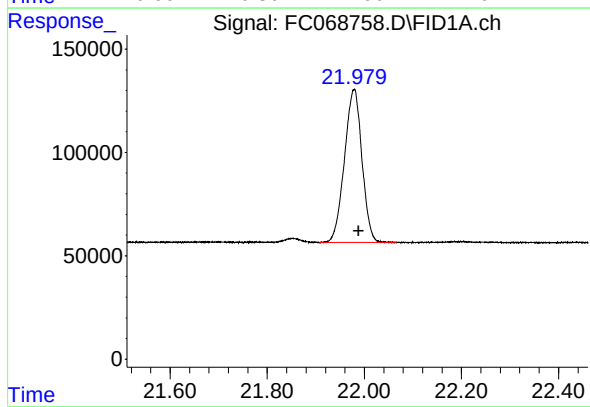
R.T.: 20.224 min
Delta R.T.: -0.008 min
Response: 1922291
Conc: 21.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.002 min
Delta R.T.: -0.008 min
Response: 1883193
Conc: 21.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.979 min
Delta R.T.: -0.010 min
Response: 1856498
Conc: 21.02 ug/ml