

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051325AL\
 Data File : FC068843.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 10:16
 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: May 13 11:45:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.707	2040636	17.879 ug/ml
Spiked Amount 50.000		Recovery =	35.76%
12) S 1-chlorooctadecane (S...	13.140	1494821	18.633 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
Target Compounds			
1) T n-Nonane (C9)	3.441	1736368	17.263 ug/ml
2) T n-Decane (C10)	4.516	1771889	17.783 ug/ml
3) T A~Naphthalene (C11.7)	6.112	1909154	17.315 ug/ml
4) T n-Dodecane (C12)	6.541	1743793	17.944 ug/ml
5) T A~2-methylnaphthalene...	7.170	1869680	17.419 ug/ml
6) T n-Tetradecane (C14)	8.338	1689171	18.276 ug/ml
7) T n-Hexadecane (C16)	9.940	1661049	18.550 ug/ml
8) T n-Octadecane (C18)	11.383	1637096	18.663 ug/ml
10) T n-Eicosane (C20)	12.693	1600507	18.781 ug/ml
11) T n-Heneicosane (C21)	13.306	1584784	18.789 ug/ml
13) T n-Docosane (C22)	13.892	1585271	18.949 ug/ml
14) T n-Tetracosane (C24)	14.996	1594383	19.162 ug/ml
15) T n-Hexacosane (C26)	16.018	1599293	19.303 ug/ml
16) T n-Octacosane (C28)	16.968	1697606	20.541 ug/ml
17) T n-Tricontane (C30)	17.857	1923078	22.728 ug/ml
18) T n-Dotriacontane (C32)	18.691	2013827	23.380 ug/ml
19) T n-Tetratriacontane (C34)	19.474	1893522	22.224 ug/ml
20) T n-Hexatriacontane (C36)	20.215	1804054	20.990 ug/ml
21) T n-Octatriacontane (C38)	20.988	1728081	20.601 ug/ml
22) T n-Tetracontane (C40)	21.962	1693856	20.668 ug/ml

(f)=RT Delta > 1/2 Window

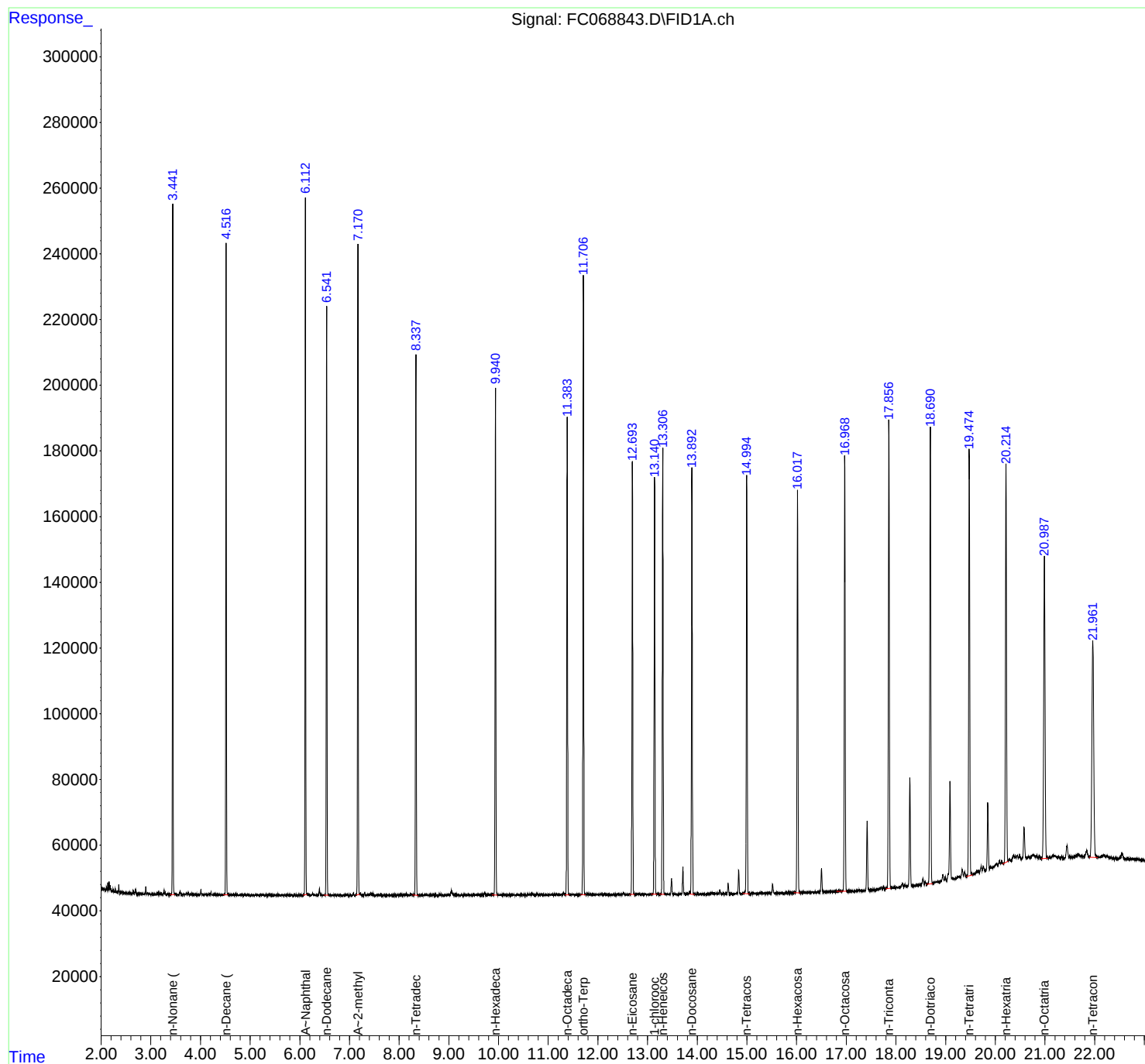
(m)=manual int.

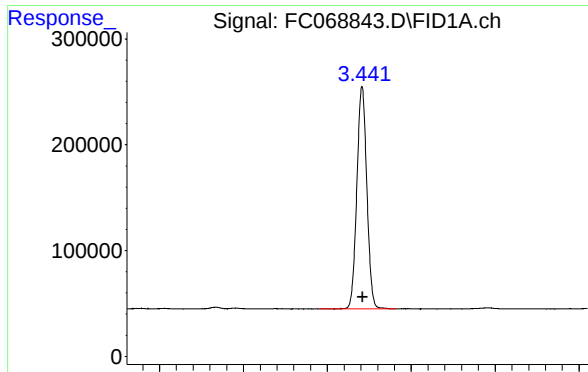
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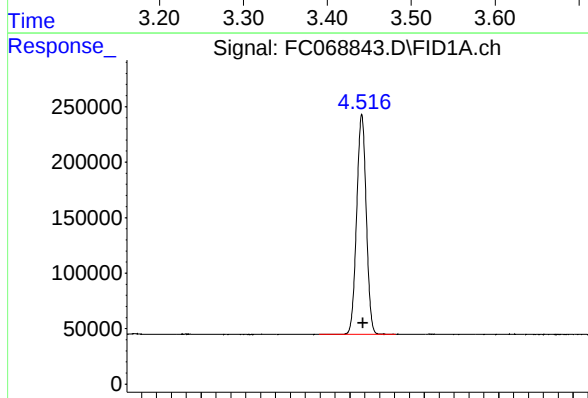




#1 n-Nonane (C9)

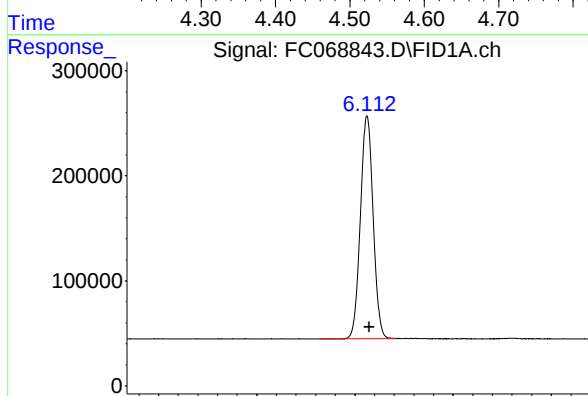
R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 1736368
Conc: 17.26 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



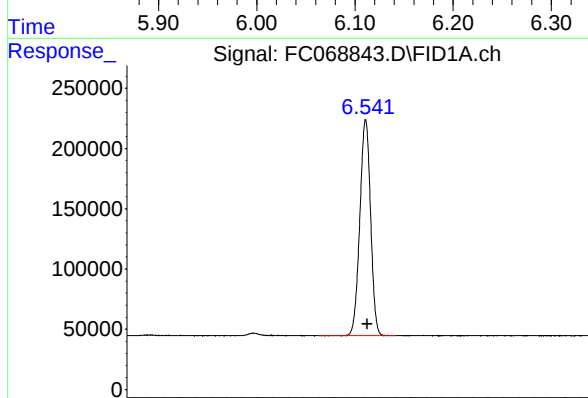
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.002 min
Response: 1771889
Conc: 17.78 ug/ml



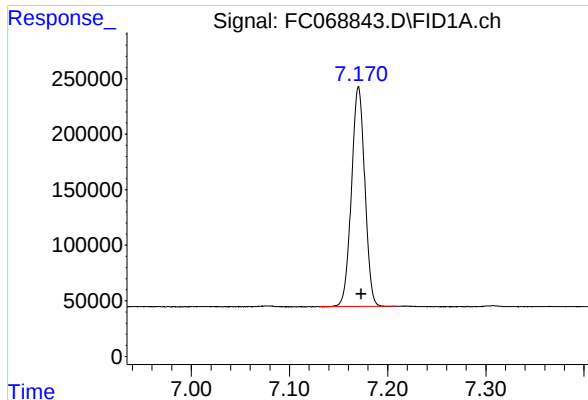
#3 A~Naphthalene (C11.7)

R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 1909154
Conc: 17.31 ug/ml



#4 n-Dodecane (C12)

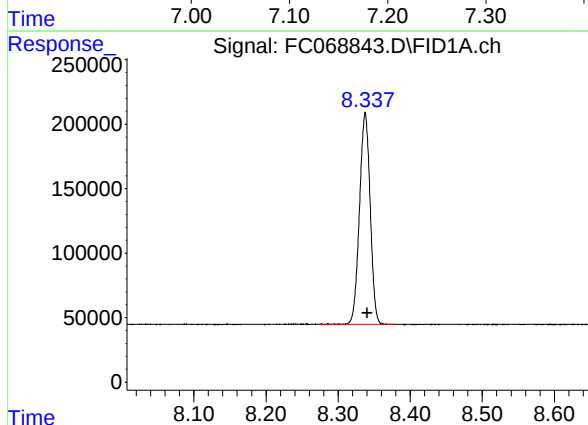
R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 1743793
Conc: 17.94 ug/ml



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

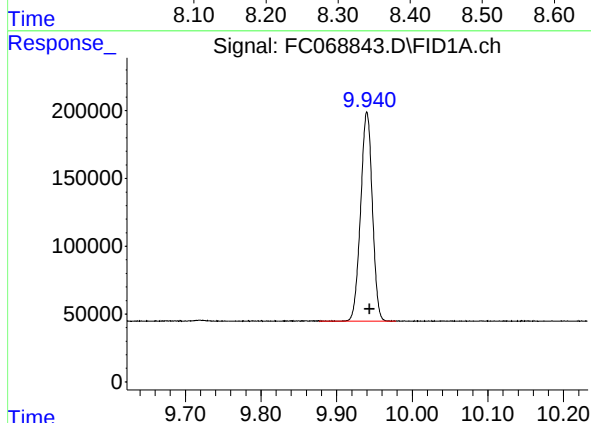
R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 1869680
Conc: 17.42 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



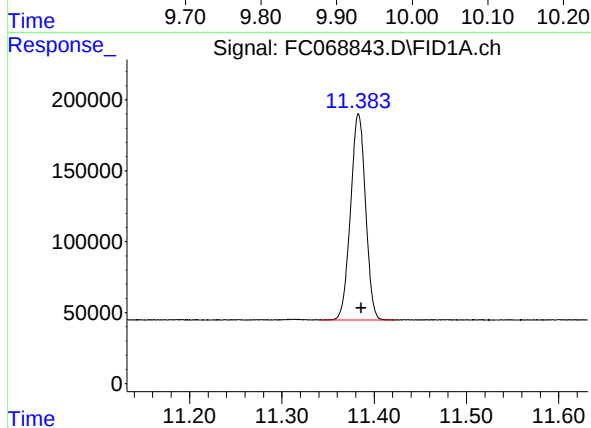
#6 n-Tetradecane (C14)

R.T.: 8.338 min
Delta R.T.: -0.003 min
Response: 1689171
Conc: 18.28 ug/ml



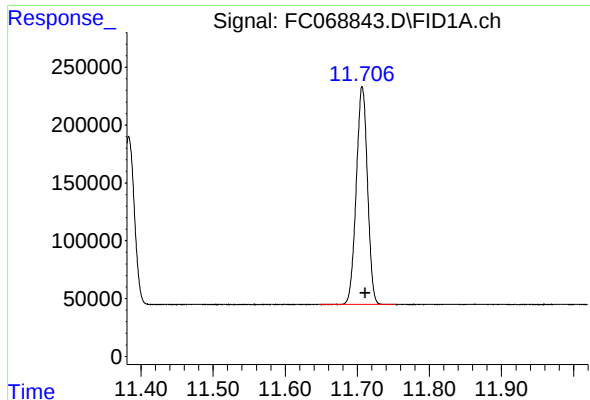
#7 n-Hexadecane (C16)

R.T.: 9.940 min
Delta R.T.: -0.004 min
Response: 1661049
Conc: 18.55 ug/ml



#8 n-Octadecane (C18)

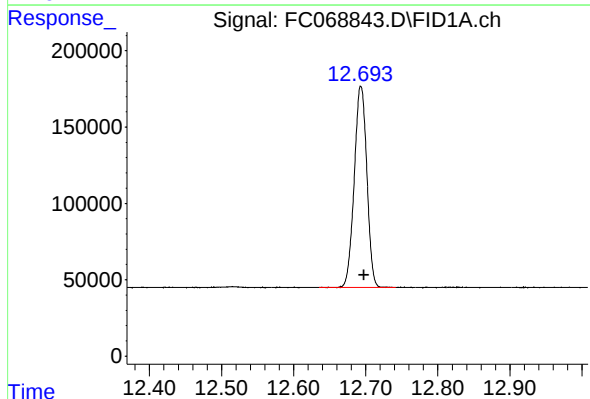
R.T.: 11.383 min
Delta R.T.: -0.003 min
Response: 1637096
Conc: 18.66 ug/ml



#9 ortho-Terphenyl (SURR)

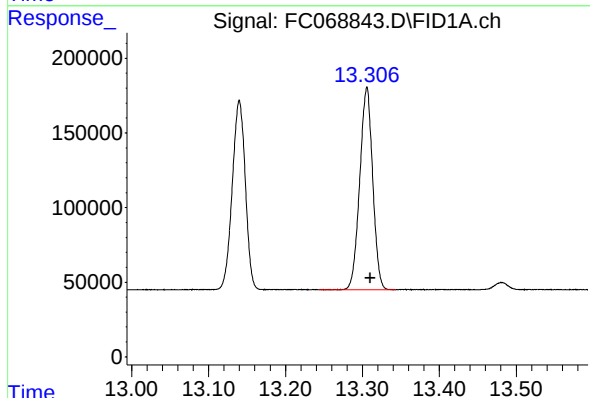
R.T.: 11.707 min
Delta R.T.: -0.004 min
Response: 2040636
Conc: 17.88 ug/ml

Instrument :
FID_C
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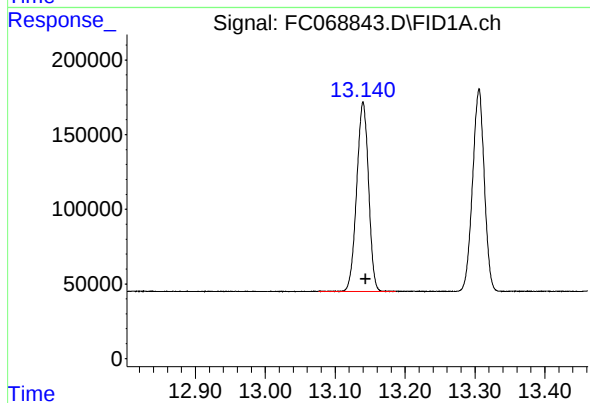
#10 n-Eicosane (C20)

R.T.: 12.693 min
Delta R.T.: -0.004 min
Response: 1600507
Conc: 18.78 ug/ml



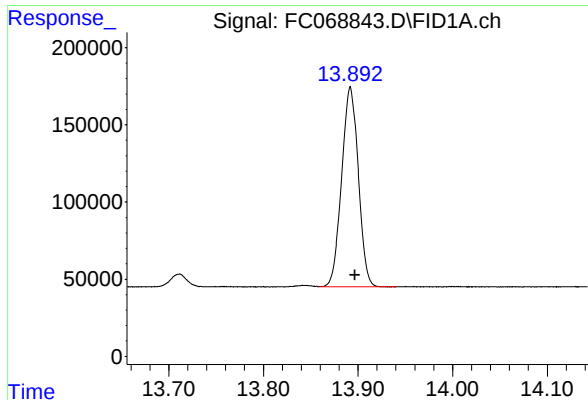
#11 n-Heneicosane (C21)

R.T.: 13.306 min
Delta R.T.: -0.005 min
Response: 1584784
Conc: 18.79 ug/ml



#12 1-chlorooctadecane (SURR)

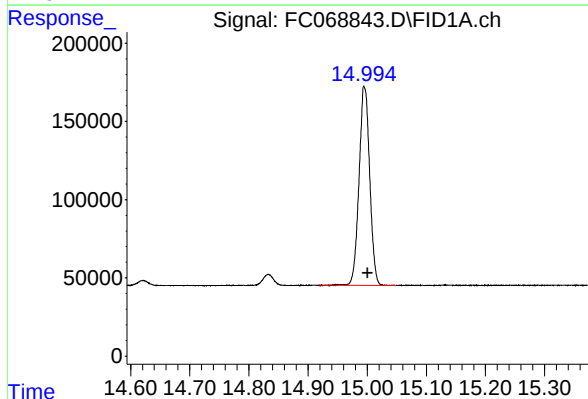
R.T.: 13.140 min
Delta R.T.: -0.004 min
Response: 1494821
Conc: 18.63 ug/ml



#13 n-Docosane (C22)

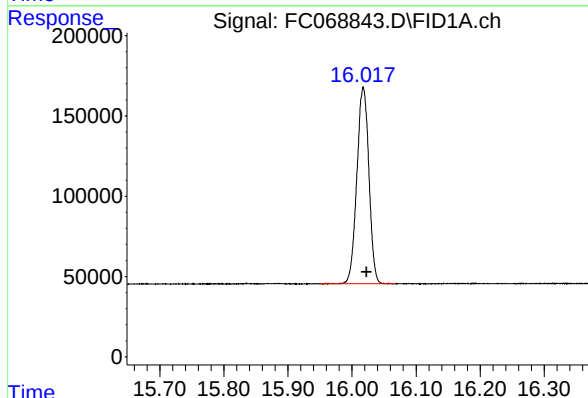
R.T.: 13.892 min
Delta R.T.: -0.005 min
Response: 1585271
Conc: 18.95 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



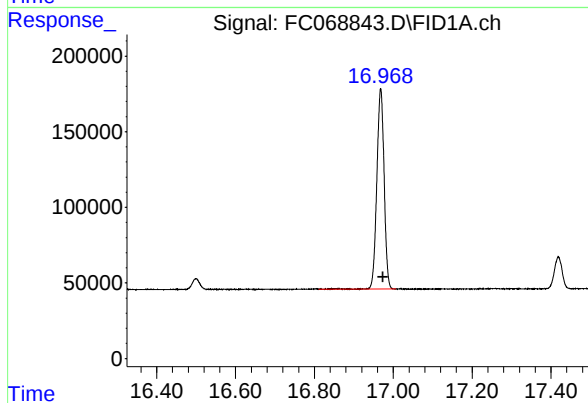
#14 n-Tetracosane (C24)

R.T.: 14.996 min
Delta R.T.: -0.005 min
Response: 1594383
Conc: 19.16 ug/ml



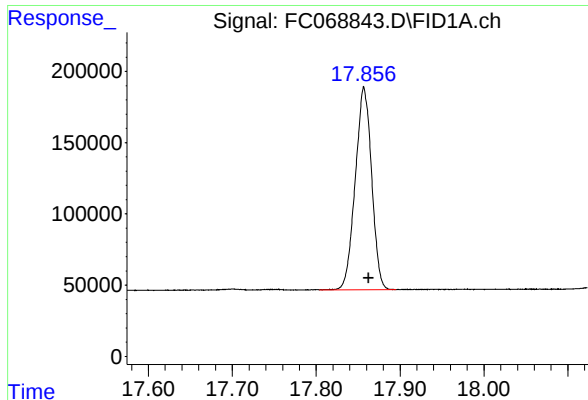
#15 n-Hexacosane (C26)

R.T.: 16.018 min
Delta R.T.: -0.006 min
Response: 1599293
Conc: 19.30 ug/ml



#16 n-Octacosane (C28)

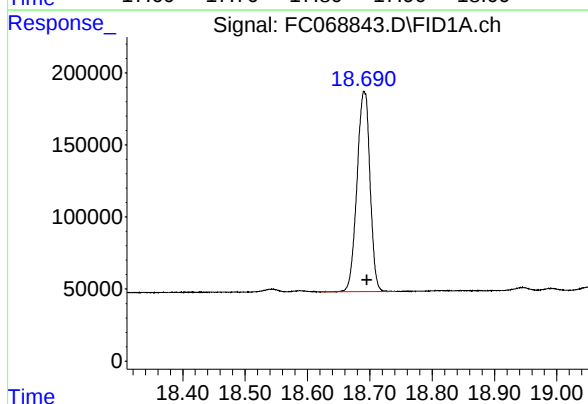
R.T.: 16.968 min
Delta R.T.: -0.006 min
Response: 1697606
Conc: 20.54 ug/ml



#17 n-Tricontane (C30)

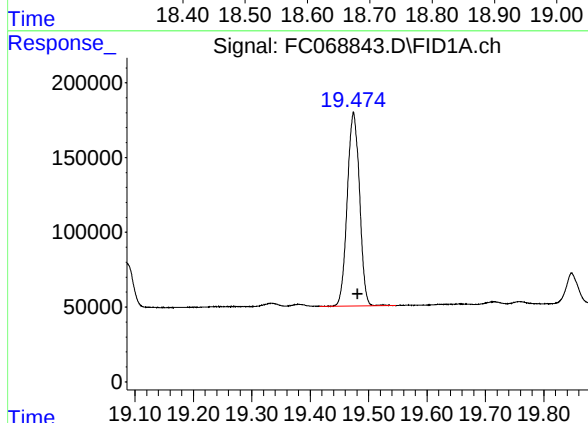
R.T.: 17.857 min
Delta R.T.: -0.005 min
Response: 1923078
Conc: 22.73 ug/ml

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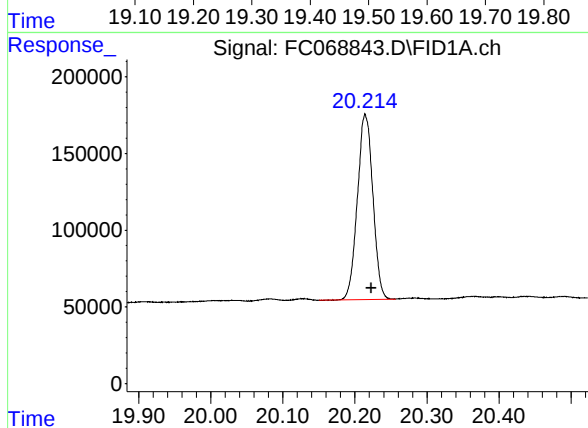
#18 n-Dotriacontane (C32)

R.T.: 18.691 min
Delta R.T.: -0.004 min
Response: 2013827
Conc: 23.38 ug/ml



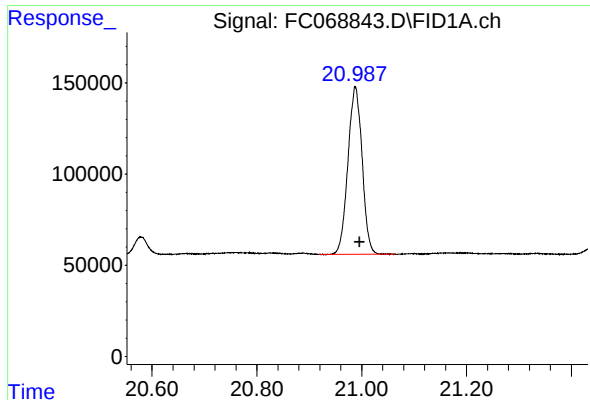
#19 n-Tetatriacontane (C34)

R.T.: 19.474 min
Delta R.T.: -0.008 min
Response: 1893522
Conc: 22.22 ug/ml



#20 n-Hexatriacontane (C36)

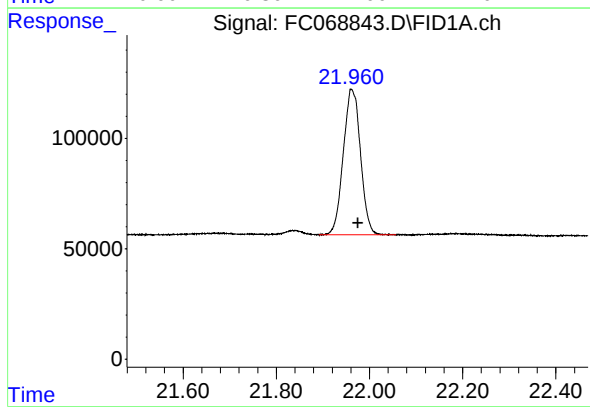
R.T.: 20.215 min
Delta R.T.: -0.008 min
Response: 1804054
Conc: 20.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.988 min
Delta R.T.: -0.009 min
Response: 1728081
Conc: 20.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: -0.014 min
Response: 1693856
Conc: 20.67 ug/ml