

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091024AL\
 Data File : FC067080.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2024 15:37
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Sep 11 02:56:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 2024
 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)	11.506	2651392	19.041 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
12) S 1-chlorooctadecane (S...	12.945	1857259	19.013 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
Target Compounds			
1) T n-Nonane (C9)	3.277	2542535	19.168 ug/ml
2) T n-Decane (C10)	4.342	2575971	19.180 ug/ml
3) T A~Naphthalene (C11.7)	5.922	2723529	19.163 ug/ml
4) T n-Dodecane (C12)	6.359	2563648	19.152 ug/ml
5) T A~2-methylnaphthalene...	6.977	2553152	19.120 ug/ml
6) T n-Tetradecane (C14)	8.153	2467439	19.146 ug/ml
7) T n-Hexadecane (C16)	9.753	2457813	19.064 ug/ml
8) T n-Octadecane (C18)	11.194	2438329	19.058 ug/ml
10) T n-Eicosane (C20)	12.503	2281933	18.998 ug/ml
11) T n-Heneicosane (C21)	13.114	2217578	18.987 ug/ml
13) T n-Docosane (C22)	13.699	2191967	18.985 ug/ml
14) T n-Tetracosane (C24)	14.801	2154806	18.975 ug/ml
15) T n-Hexacosane (C26)	15.821	2106864	19.010 ug/ml
16) T n-Octacosane (C28)	16.769	2054301	19.018 ug/ml
17) T n-Tricontane (C30)	17.656	2060147	18.940 ug/ml
18) T n-Dotriacontane (C32)	18.488	1970662	18.893 ug/ml
19) T n-Tetratriacontane (C34)	19.270	1721256	18.657 ug/ml
20) T n-Hexatriacontane (C36)	20.010	1466366	18.504 ug/ml
21) T n-Octatriacontane (C38)	20.735	1316435	17.525 ug/ml
22) T n-Tetracontane (C40)	21.626	1182323	16.923 ug/ml

(f)=RT Delta > 1/2 Window

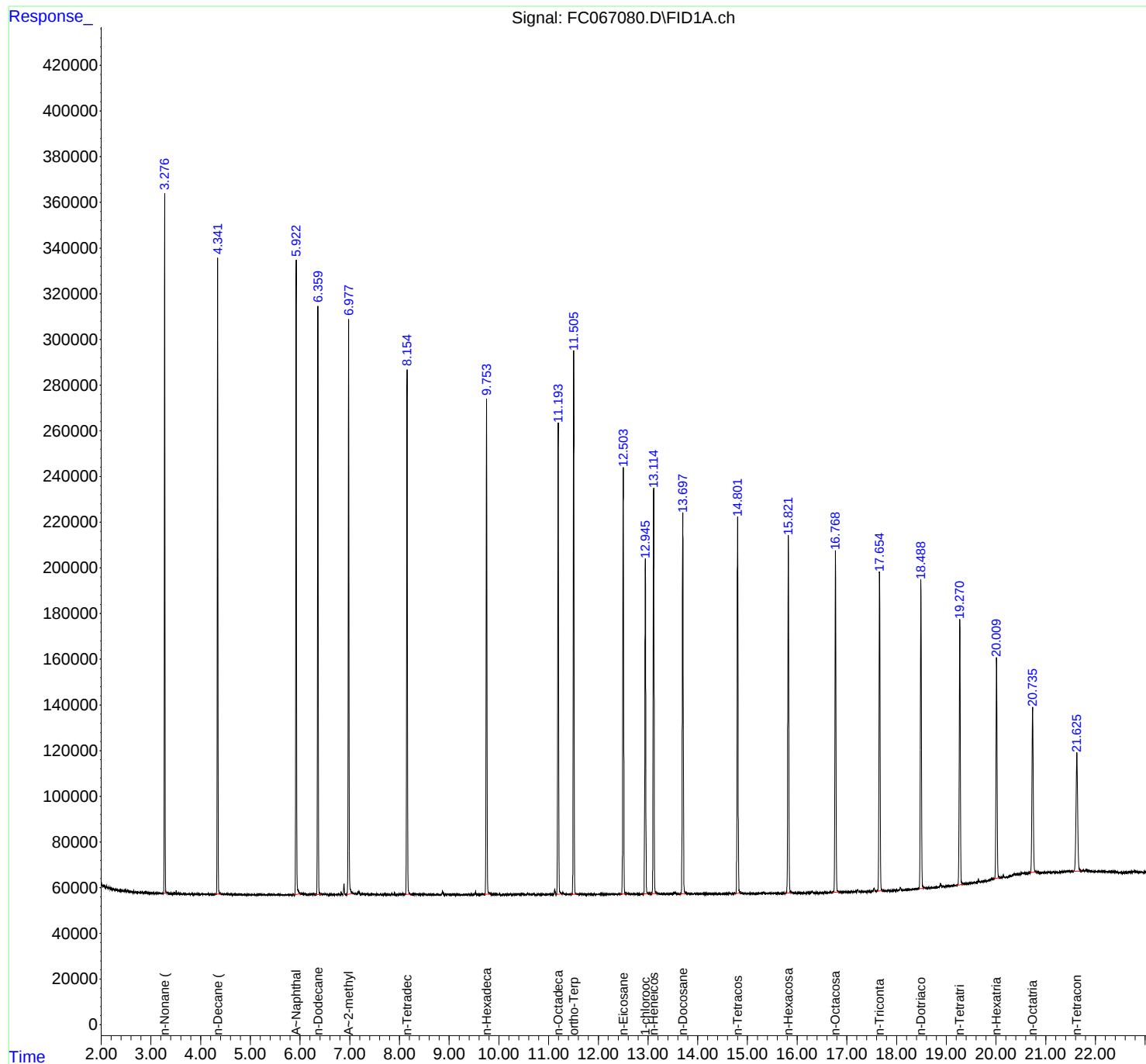
(m)=manual int.

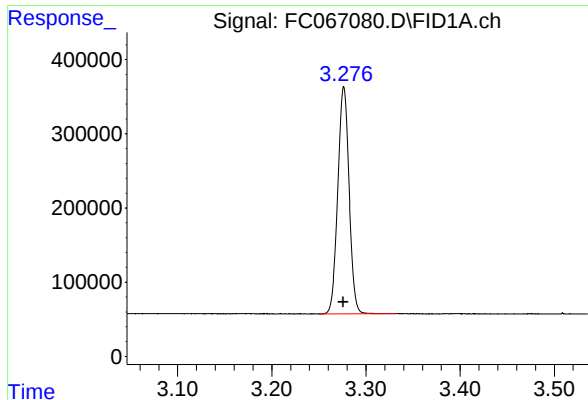
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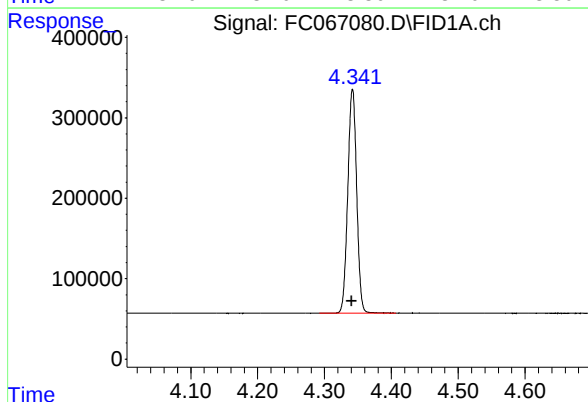




#1 n-Nonane (C9)

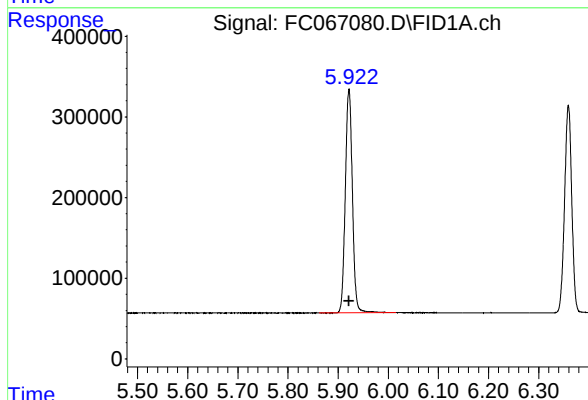
R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 2542535
Conc: 19.17 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



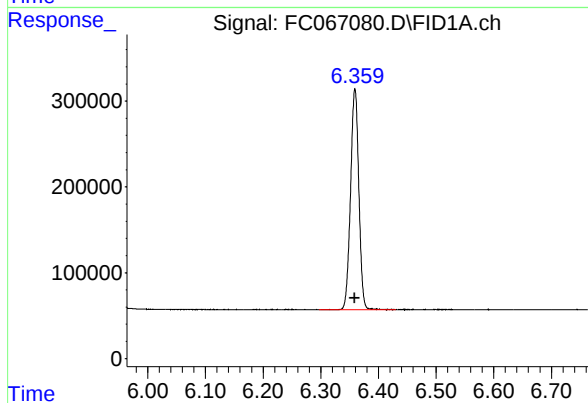
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 2575971
Conc: 19.18 ug/ml



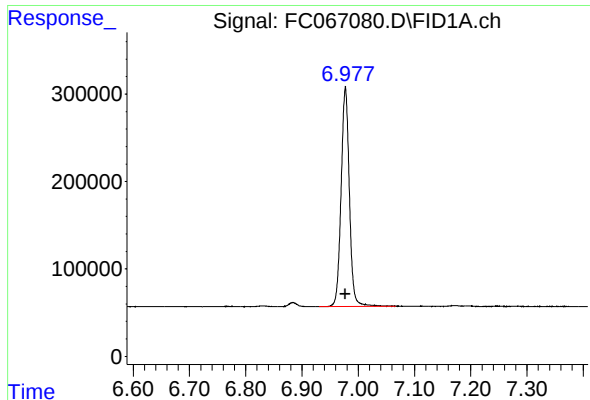
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 2723529
Conc: 19.16 ug/ml



#4 n-Dodecane (C12)

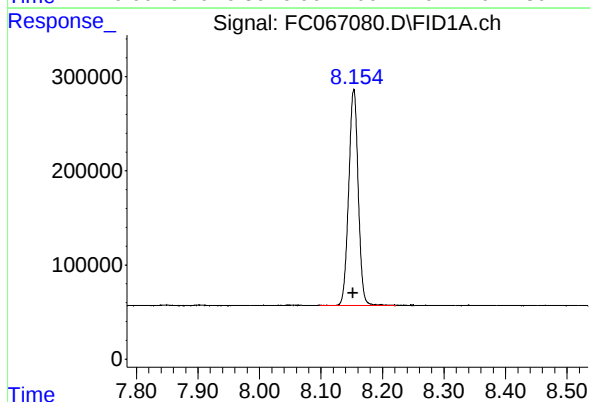
R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 2563648
Conc: 19.15 ug/ml



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

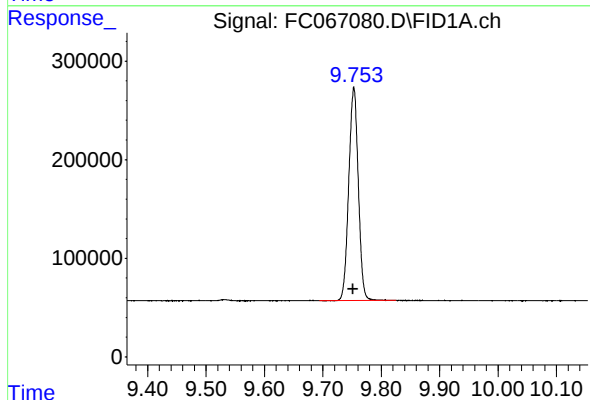
R.T.: 6.977 min
Delta R.T.: 0.000 min
Response: 2553152
Conc: 19.12 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



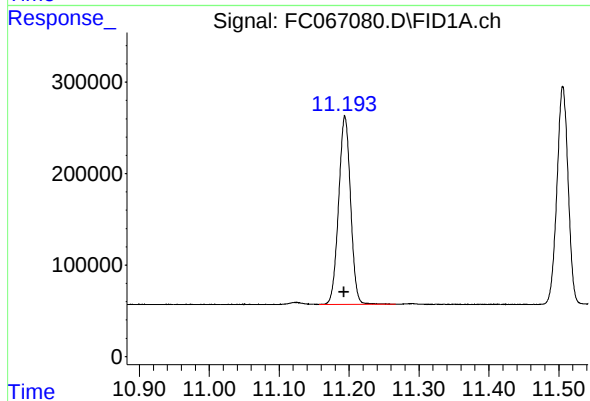
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 2467439
Conc: 19.15 ug/ml



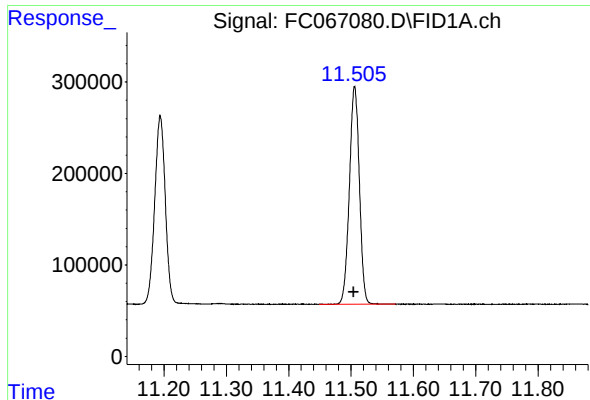
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.001 min
Response: 2457813
Conc: 19.06 ug/ml



#8 n-Octadecane (C18)

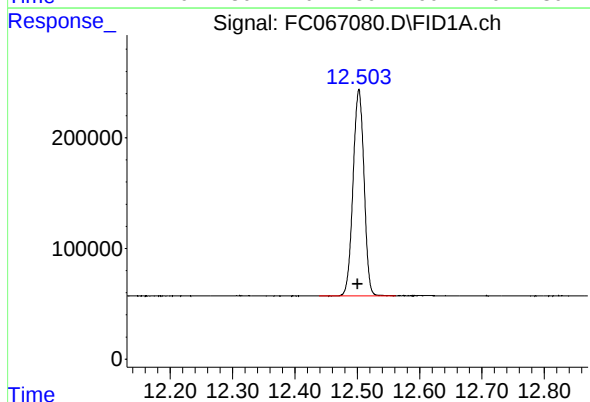
R.T.: 11.194 min
Delta R.T.: 0.001 min
Response: 2438329
Conc: 19.06 ug/ml



#9 ortho-Terphenyl (SURR)

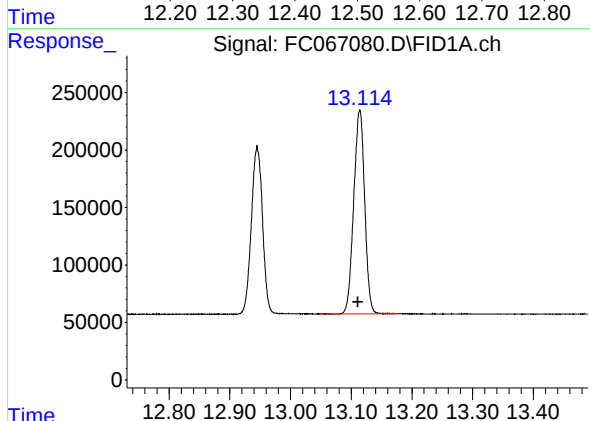
R.T.: 11.506 min
Delta R.T.: 0.002 min
Response: 2651392
Conc: 19.04 ug/ml

Instrument :
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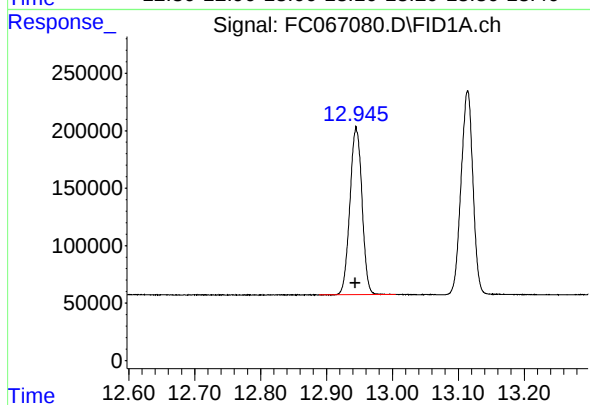
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: 0.002 min
Response: 2281933
Conc: 19.00 ug/ml



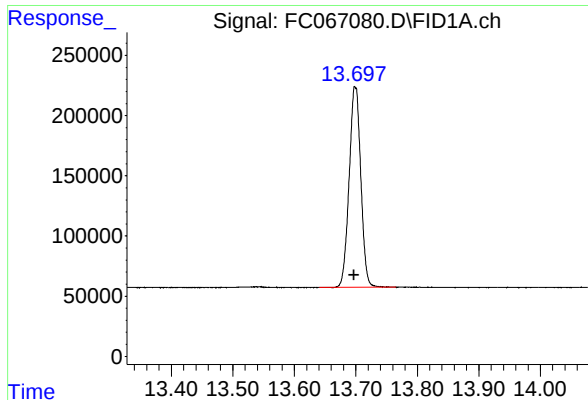
#11 n-Heneicosane (C21)

R.T.: 13.114 min
Delta R.T.: 0.002 min
Response: 2217578
Conc: 18.99 ug/ml



#12 1-chlorooctadecane (SURR)

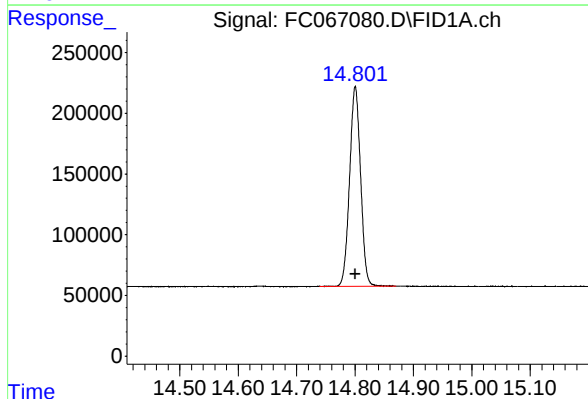
R.T.: 12.945 min
Delta R.T.: 0.002 min
Response: 1857259
Conc: 19.01 ug/ml



#13 n-Docosane (C22)

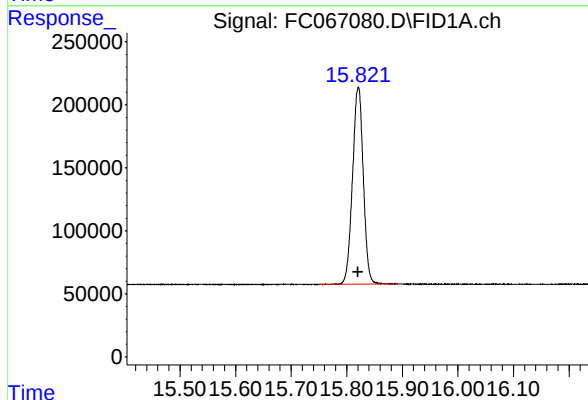
R.T.: 13.699 min
Delta R.T.: 0.002 min
Response: 2191967
Conc: 18.98 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



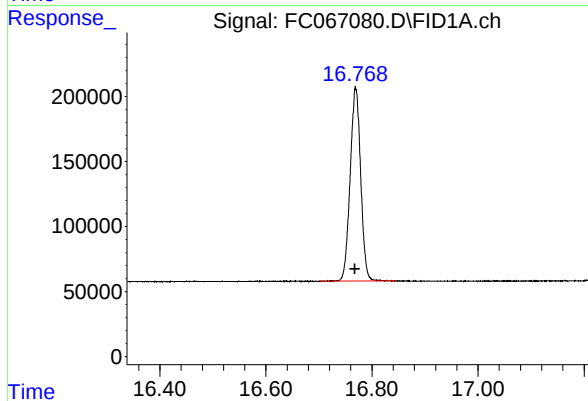
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: 0.000 min
Response: 2154806
Conc: 18.97 ug/ml



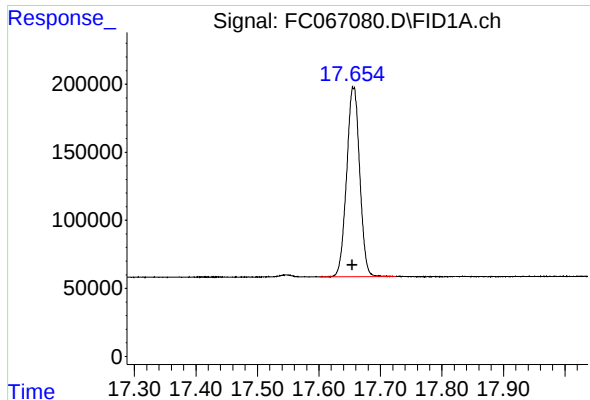
#15 n-Hexacosane (C26)

R.T.: 15.821 min
Delta R.T.: 0.000 min
Response: 2106864
Conc: 19.01 ug/ml



#16 n-Octacosane (C28)

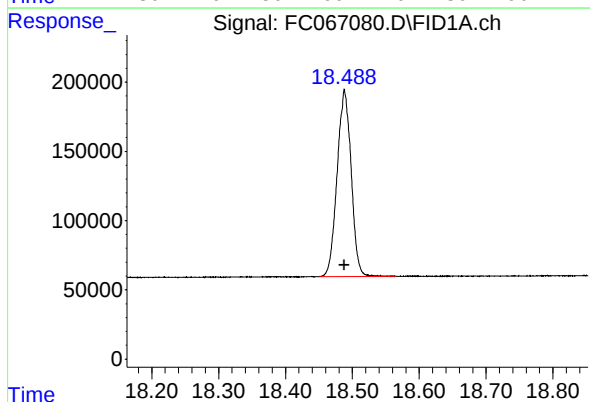
R.T.: 16.769 min
Delta R.T.: 0.001 min
Response: 2054301
Conc: 19.02 ug/ml



#17 n-Tricontane (C30)

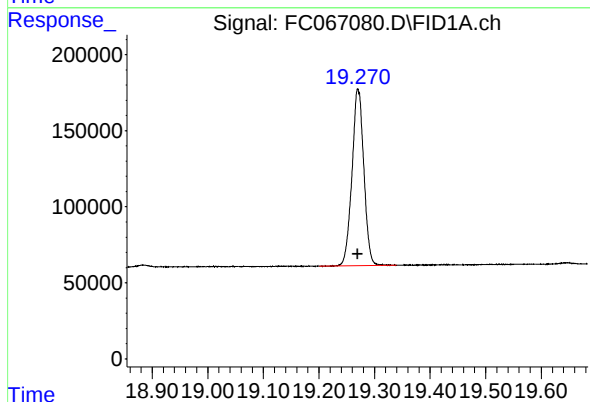
R.T.: 17.656 min
Delta R.T.: 0.002 min
Response: 2060147
Conc: 18.94 ug/ml

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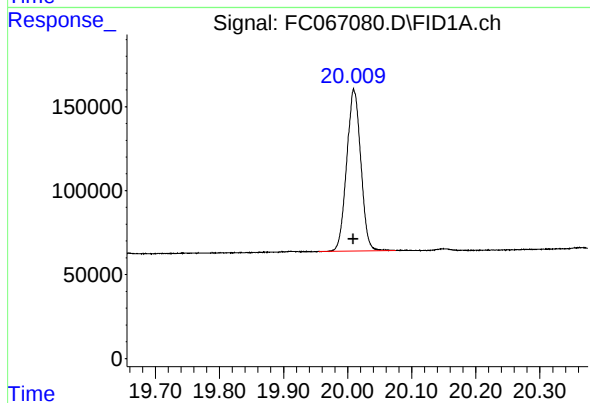
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: 0.000 min
Response: 1970662
Conc: 18.89 ug/ml



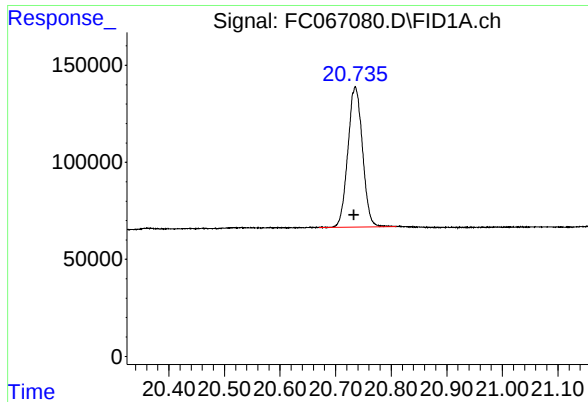
#19 n-Tetatriacontane (C34)

R.T.: 19.270 min
Delta R.T.: 0.000 min
Response: 1721256
Conc: 18.66 ug/ml



#20 n-Hexatriacontane (C36)

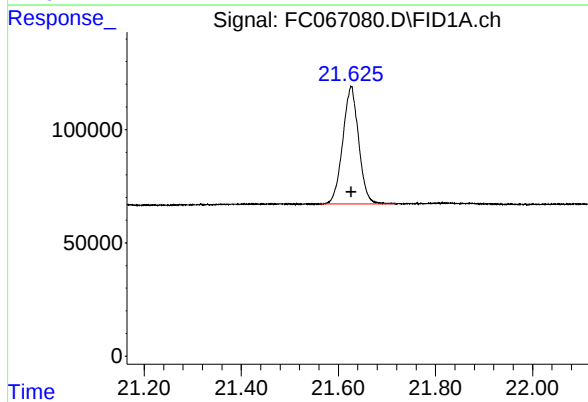
R.T.: 20.010 min
Delta R.T.: 0.000 min
Response: 1466366
Conc: 18.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: 0.002 min
Response: 1316435
Conc: 17.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.626 min
Delta R.T.: 0.000 min
Response: 1182323
Conc: 16.92 ug/ml