

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG052223AL\
 Data File : FG011955.D
 Signal(s) : FID1A.ch
 Acq On : 22 May 2023 22:35
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 23 02:18:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:59:06 2023
 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)	10.923	3061628	19.561 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
12) S 1-chlorooctadecane (S...	12.361	2340069	19.734 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
Target Compounds			
1) T n-Nonane (C9)	2.759	2204381	19.146 ug/ml
2) T n-Decane (C10)	3.770	2281637	19.343 ug/ml
3) T A~Naphthalene (C11.7)	5.338	2505833	19.117 ug/ml
4) T n-Dodecane (C12)	5.763	2312460	19.280 ug/ml
5) T A~2-methylnaphthalene...	6.388	2387024	18.909 ug/ml
6) T n-Tetradecane (C14)	7.557	2329049	19.180 ug/ml
7) T n-Hexadecane (C16)	9.161	2496312	19.227 ug/ml
8) T n-Octadecane (C18)	10.605	2638469	19.384 ug/ml
10) T n-Eicosane (C20)	11.915	2642483	19.581 ug/ml
11) T n-Heneicosane (C21)	12.528	2639049	19.634 ug/ml
13) T n-Docosane (C22)	13.115	2667676	19.742 ug/ml
14) T n-Tetracosane (C24)	14.220	2704574	19.872 ug/ml
15) T n-Hexacosane (C26)	15.242	2676000	20.004 ug/ml
16) T n-Octacosane (C28)	16.194	2622897	20.091 ug/ml
17) T n-Tricontane (C30)	17.083	2721821	20.637 ug/ml
18) T n-Dotriacontane (C32)	17.919	2675978	20.830 ug/ml
19) T n-Tetratriacontane (C34)	18.705	2489165	20.315 ug/ml
20) T n-Hexatriacontane (C36)	19.446	2303422	19.800 ug/ml
21) T n-Octatriacontane (C38)	20.188	2226908	19.820 ug/ml
22) T n-Tetracontane (C40)	21.111	2159498	20.043 ug/ml

(f)=RT Delta > 1/2 Window

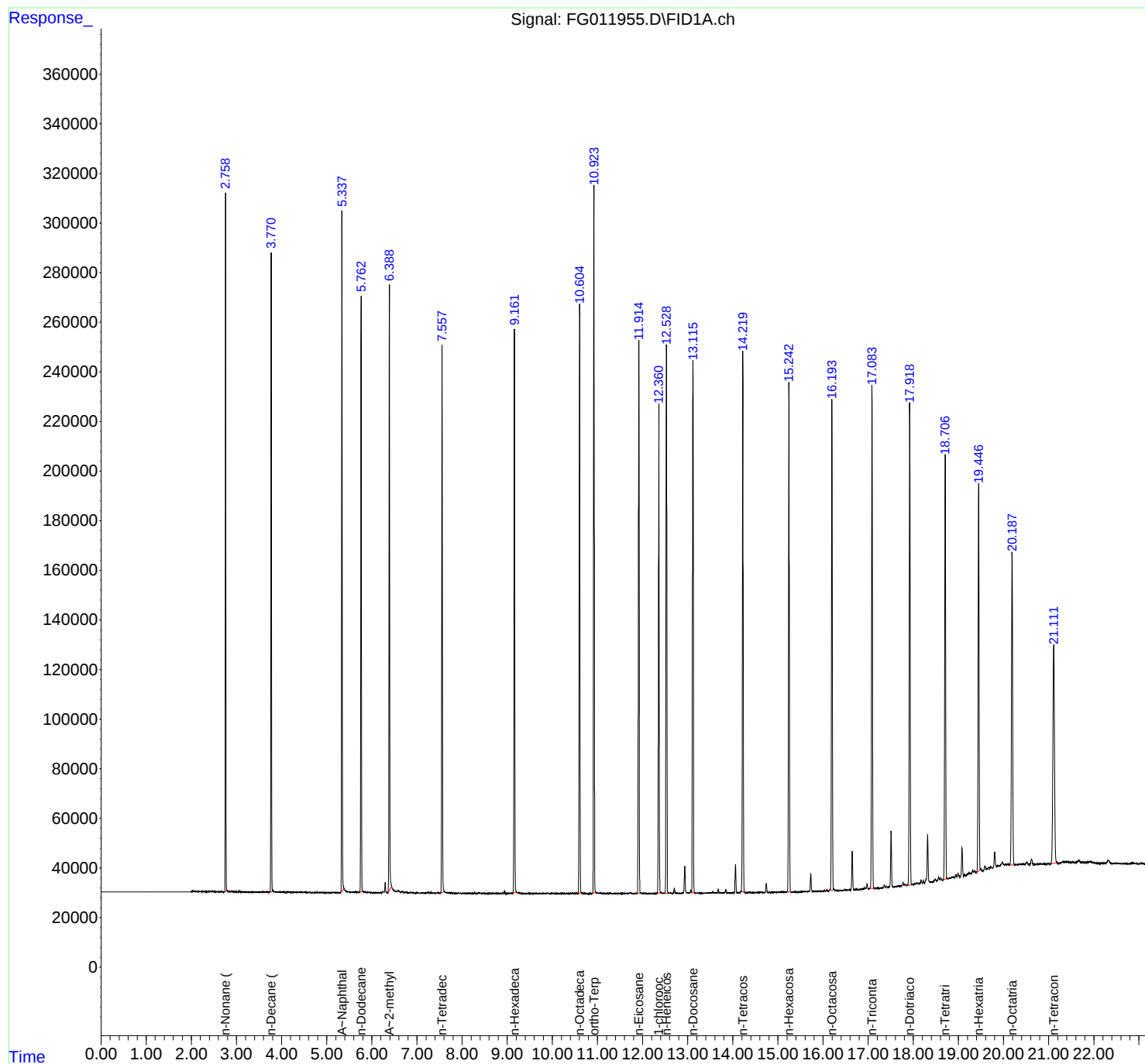
(m)=manual int.

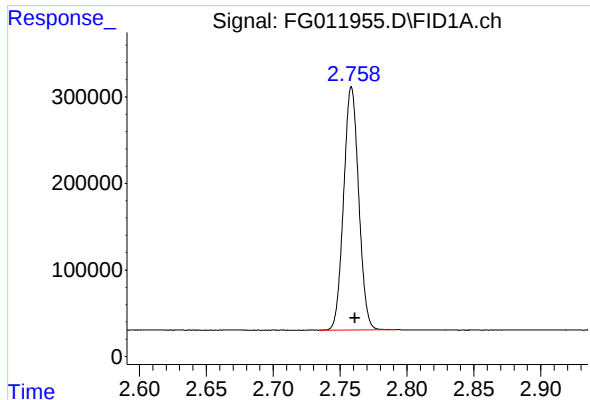
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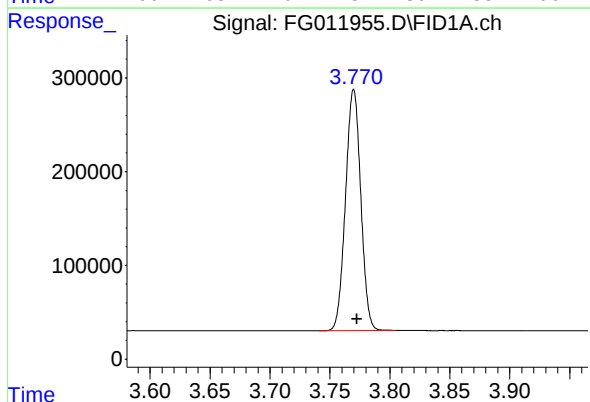




#1 n-Nonane (C9)

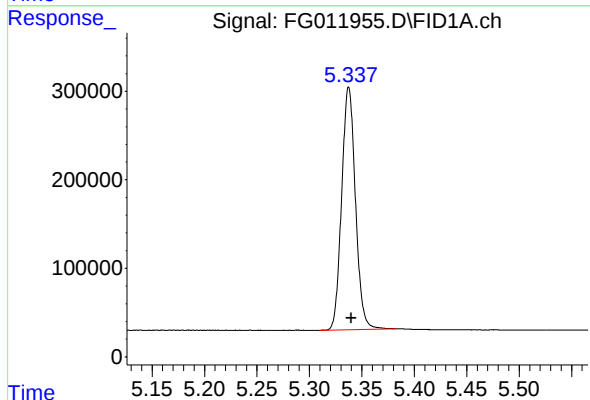
R.T.: 2.759 min
Delta R.T.: -0.002 min
Response: 2204381
Conc: 19.15 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



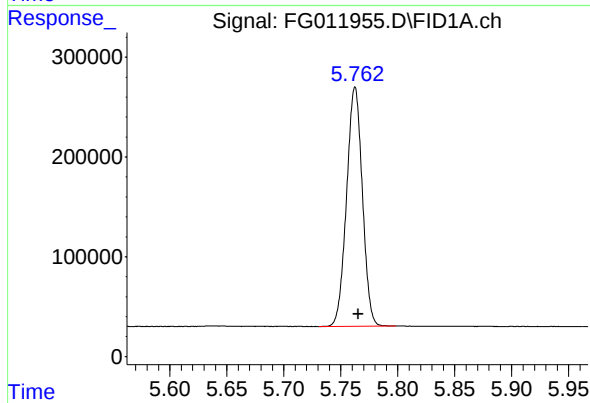
#2 n-Decane (C10)

R.T.: 3.770 min
Delta R.T.: -0.003 min
Response: 2281637
Conc: 19.34 ug/ml



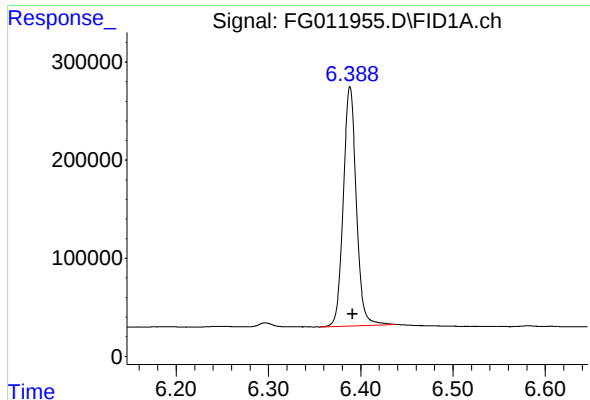
#3 A~Naphthalene (C11.7)

R.T.: 5.338 min
Delta R.T.: -0.003 min
Response: 2505833
Conc: 19.12 ug/ml



#4 n-Dodecane (C12)

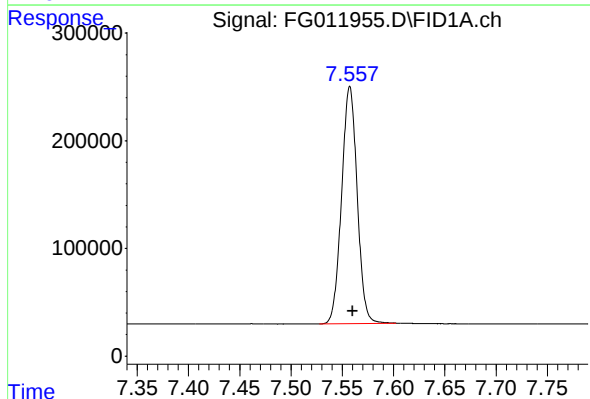
R.T.: 5.763 min
Delta R.T.: -0.003 min
Response: 2312460
Conc: 19.28 ug/ml



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

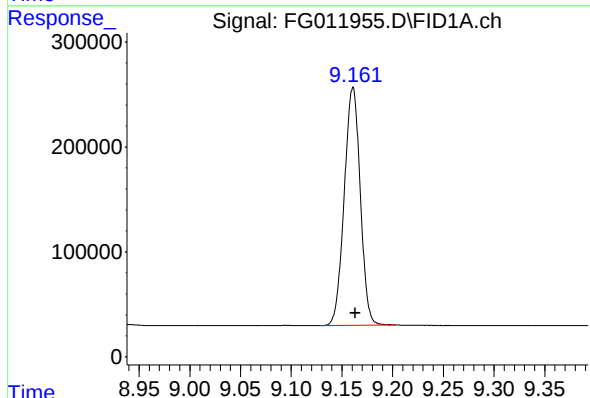
R.T.: 6.388 min
Delta R.T.: -0.003 min
Response: 2387024
Conc: 18.91 ug/ml

Instrument :
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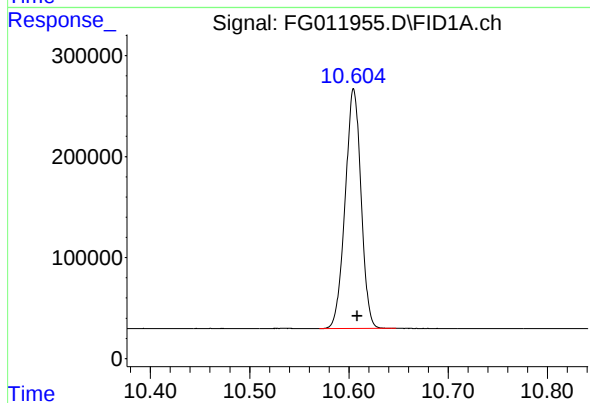
#6 n-Tetradecane (C14)

R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 2329049
Conc: 19.18 ug/ml



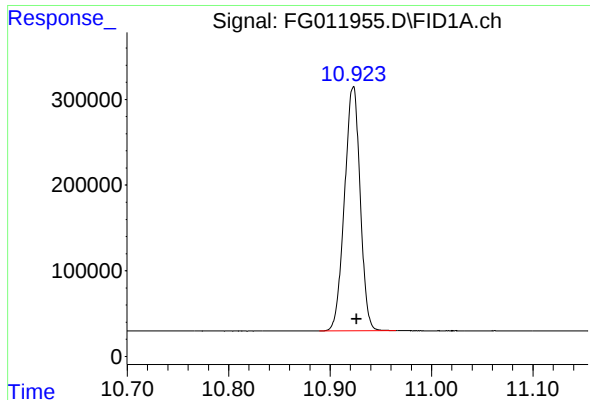
#7 n-Hexadecane (C16)

R.T.: 9.161 min
Delta R.T.: -0.002 min
Response: 2496312
Conc: 19.23 ug/ml



#8 n-Octadecane (C18)

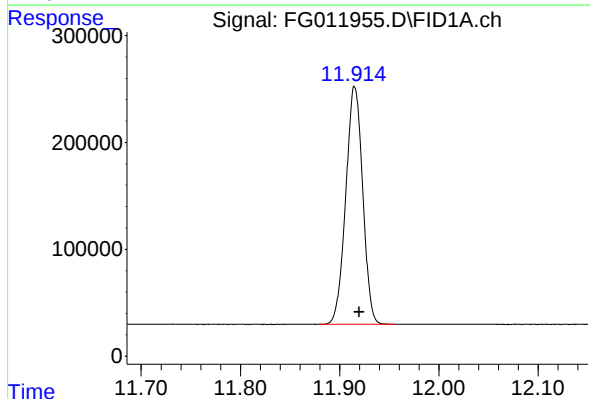
R.T.: 10.605 min
Delta R.T.: -0.004 min
Response: 2638469
Conc: 19.38 ug/ml



#9 ortho-Terphenyl (SURR)

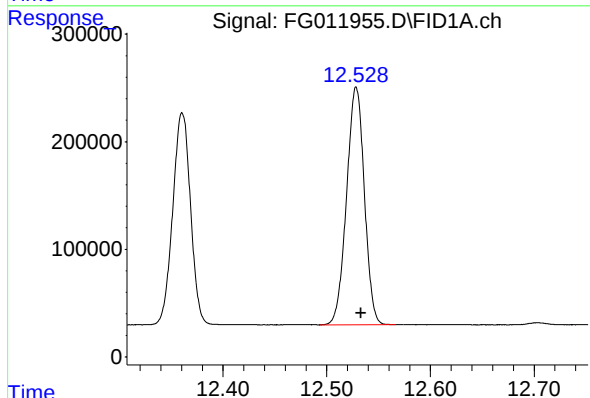
R.T.: 10.923 min
Delta R.T.: -0.003 min
Response: 3061628
Conc: 19.56 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



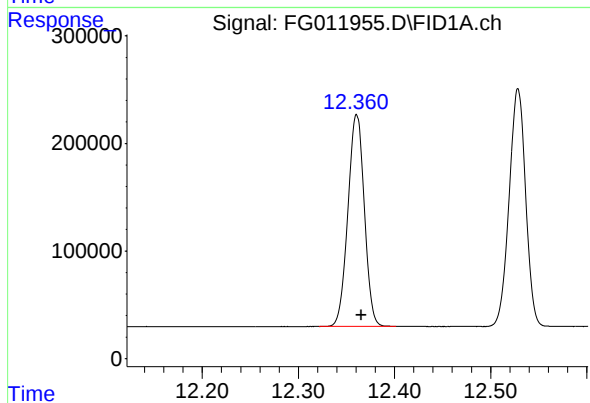
#10 n-Eicosane (C20)

R.T.: 11.915 min
Delta R.T.: -0.005 min
Response: 2642483
Conc: 19.58 ug/ml



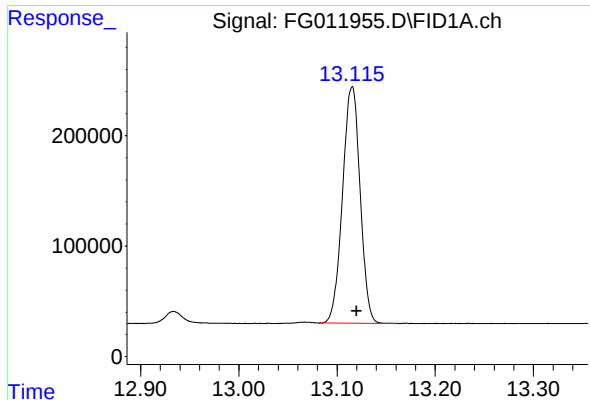
#11 n-Heneicosane (C21)

R.T.: 12.528 min
Delta R.T.: -0.005 min
Response: 2639049
Conc: 19.63 ug/ml



#12 1-chlorooctadecane (SURR)

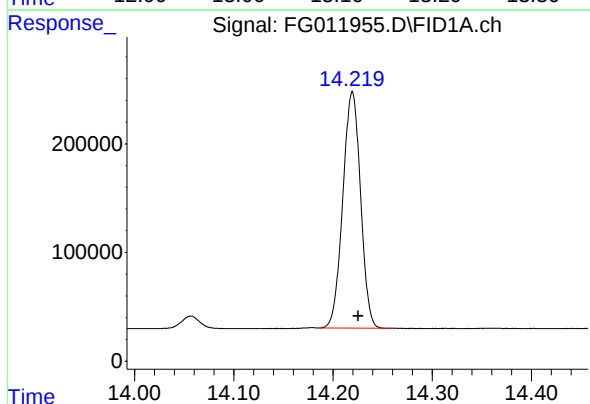
R.T.: 12.361 min
Delta R.T.: -0.005 min
Response: 2340069
Conc: 19.73 ug/ml



#13 n-Docosane (C22)

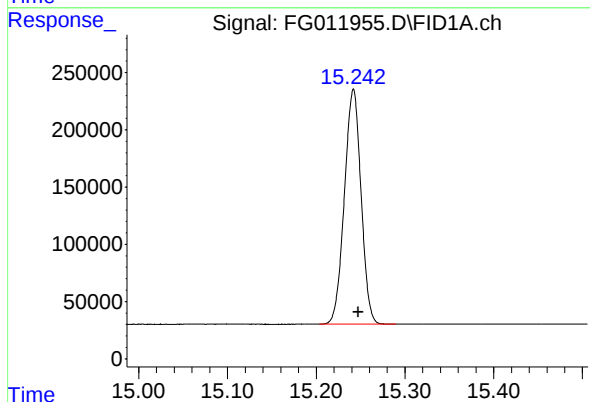
R.T.: 13.115 min
Delta R.T.: -0.005 min
Response: 2667676
Conc: 19.74 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



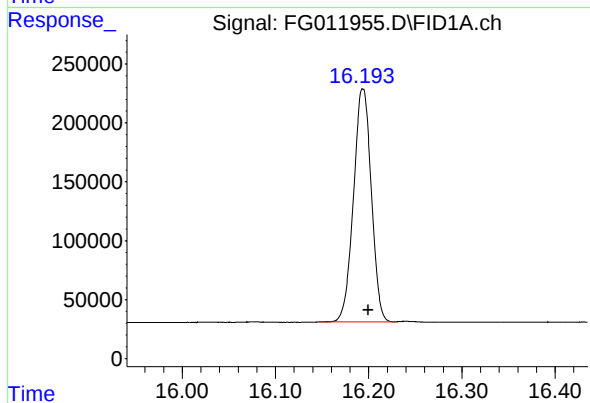
#14 n-Tetracosane (C24)

R.T.: 14.220 min
Delta R.T.: -0.006 min
Response: 2704574
Conc: 19.87 ug/ml



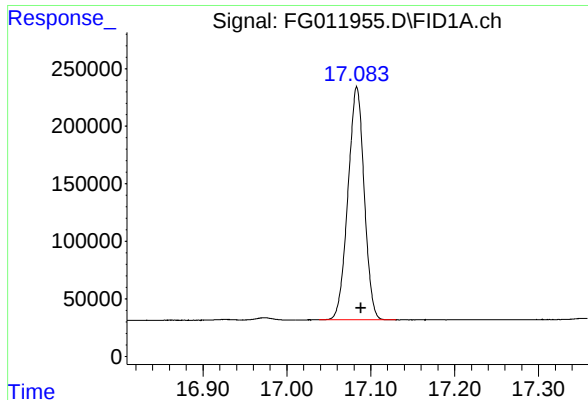
#15 n-Hexacosane (C26)

R.T.: 15.242 min
Delta R.T.: -0.005 min
Response: 2676000
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

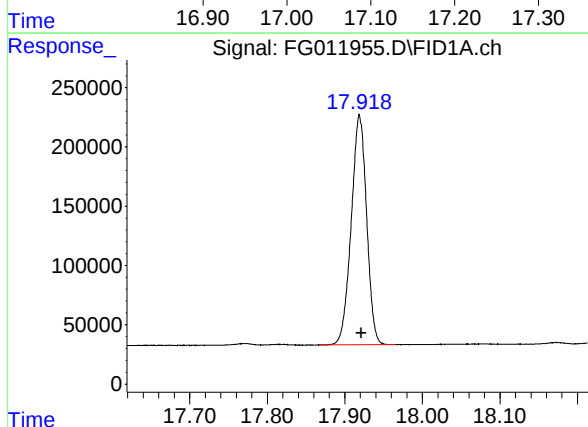
R.T.: 16.194 min
Delta R.T.: -0.006 min
Response: 2622897
Conc: 20.09 ug/ml



#17 n-Tricontane (C30)

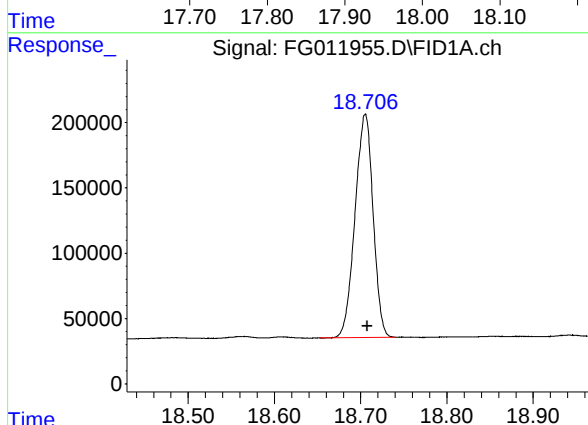
R.T.: 17.083 min
Delta R.T.: -0.005 min
Response: 2721821
Conc: 20.64 ug/ml

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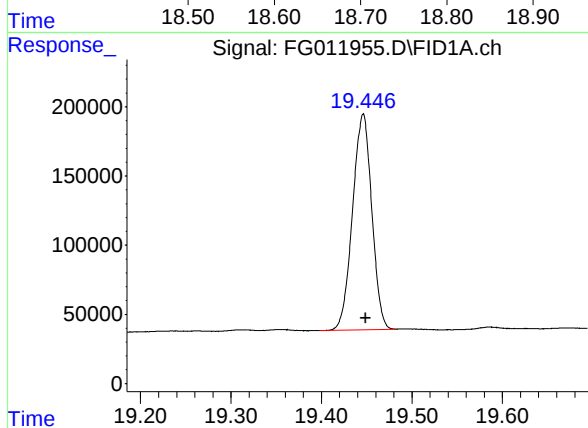
#18 n-Dotriacontane (C32)

R.T.: 17.919 min
Delta R.T.: -0.002 min
Response: 2675978
Conc: 20.83 ug/ml



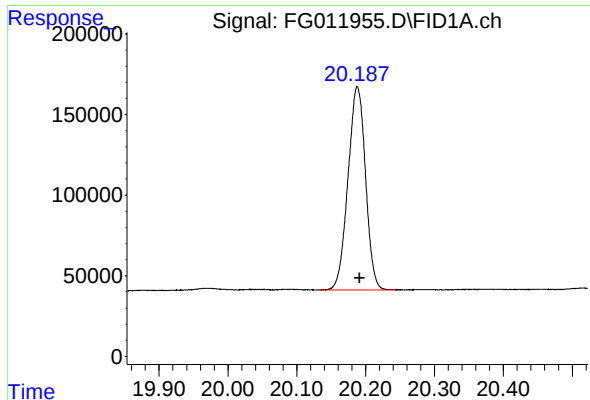
#19 n-Tetatriacontane (C34)

R.T.: 18.705 min
Delta R.T.: -0.002 min
Response: 2489165
Conc: 20.32 ug/ml



#20 n-Hexatriacontane (C36)

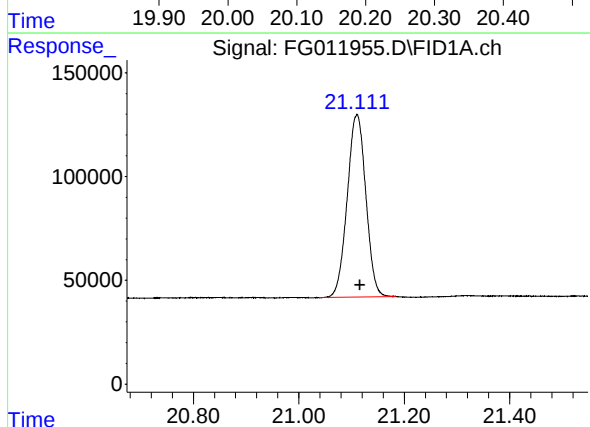
R.T.: 19.446 min
Delta R.T.: -0.002 min
Response: 2303422
Conc: 19.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.188 min
Delta R.T.: -0.004 min
Response: 2226908
Conc: 19.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.111 min
Delta R.T.: -0.006 min
Response: 2159498
Conc: 20.04 ug/ml