

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080524AL\
 Data File : FG014063.D
 Signal(s) : FID1A.ch
 Acq On : 05 Aug 2024 14:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 06 04:46:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 04:02:26 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)	11.840	2730904	20.117 ug/ml
Spiked Amount 50.000		Recovery =	40.23%
12) S 1-chlorooctadecane (S...	13.287	2053645	20.321 ug/ml
Spiked Amount 50.000		Recovery =	40.64%
Target Compounds			
1) T n-Nonane (C9)	3.216	2600659	19.955 ug/ml
2) T n-Decane (C10)	4.468	2657252	20.012 ug/ml
3) T A~Naphthalene (C11.7)	6.170	2779154	20.180 ug/ml
4) T n-Dodecane (C12)	6.639	2657340	20.047 ug/ml
5) T A~2-methylnaphthalene...	7.268	2625063	20.152 ug/ml
6) T n-Tetradecane (C14)	8.471	2612232	20.133 ug/ml
7) T n-Hexadecane (C16)	10.082	2656553	20.186 ug/ml
8) T n-Octadecane (C18)	11.530	2660677	20.293 ug/ml
10) T n-Eicosane (C20)	12.843	2520809	20.316 ug/ml
11) T n-Heneicosane (C21)	13.456	2464552	20.311 ug/ml
13) T n-Docosane (C22)	14.043	2431698	20.260 ug/ml
14) T n-Tetracosane (C24)	15.150	2404270	20.281 ug/ml
15) T n-Hexacosane (C26)	16.174	2363609	20.324 ug/ml
16) T n-Octacosane (C28)	17.127	2311800	20.289 ug/ml
17) T n-Tricontane (C30)	18.017	2350403	20.284 ug/ml
18) T n-Dotriacontane (C32)	18.852	2285551	19.957 ug/ml
19) T n-Tetratriacontane (C34)	19.636	2237177	19.715 ug/ml
20) T n-Hexatriacontane (C36)	20.378	2148776	19.192 ug/ml
21) T n-Octatriacontane (C38)	21.111	2131139	18.416 ug/ml
22) T n-Tetracontane (C40)	22.010	2189369	18.816 ug/ml

(f)=RT Delta > 1/2 Window

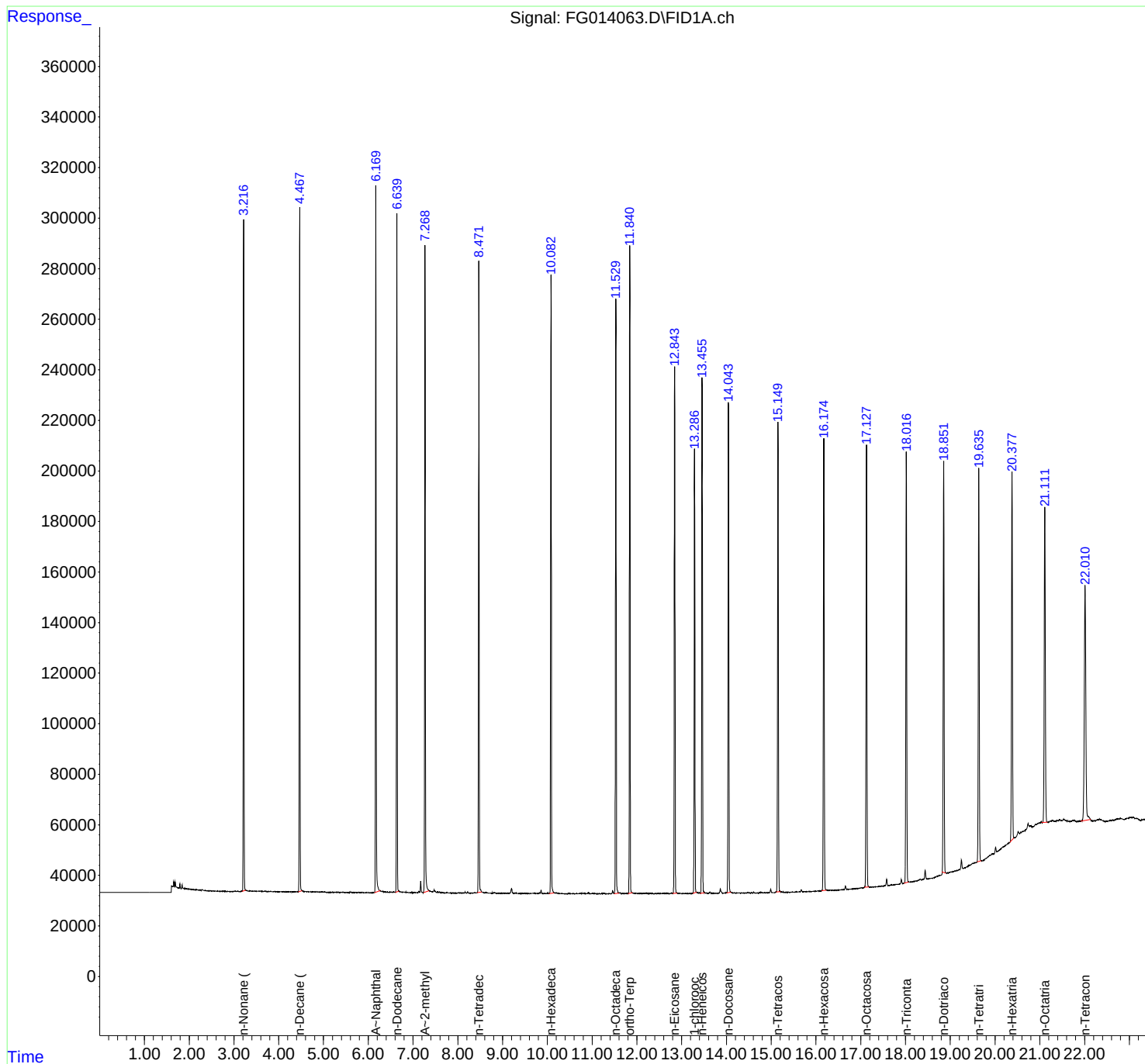
(m)=manual int.

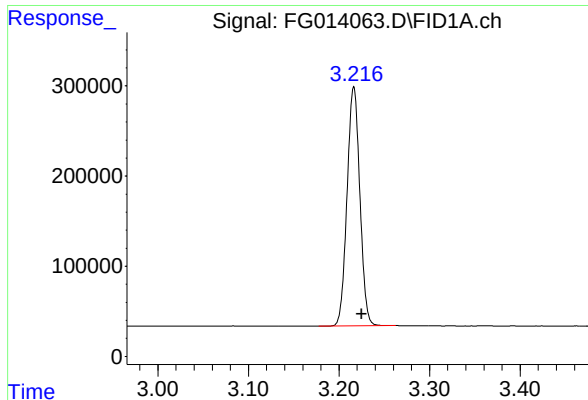
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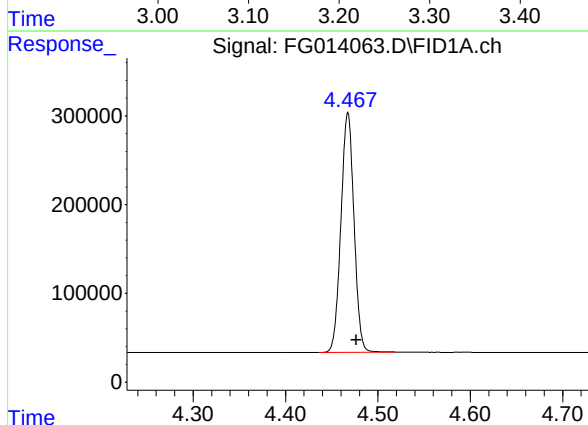




#1 n-Nonane (C9)

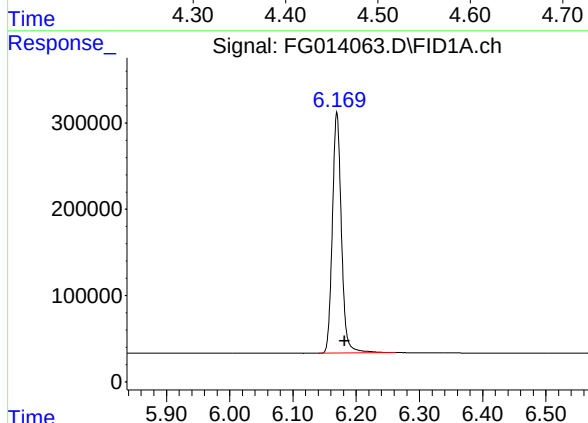
R.T.: 3.216 min
Delta R.T.: -0.009 min
Response: 2600659
Conc: 19.95 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



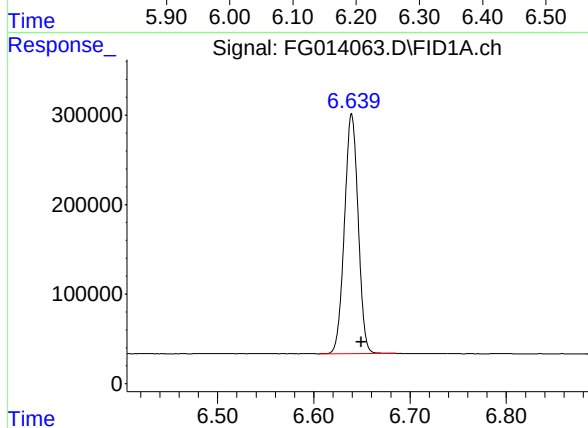
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.009 min
Response: 2657252
Conc: 20.01 ug/ml



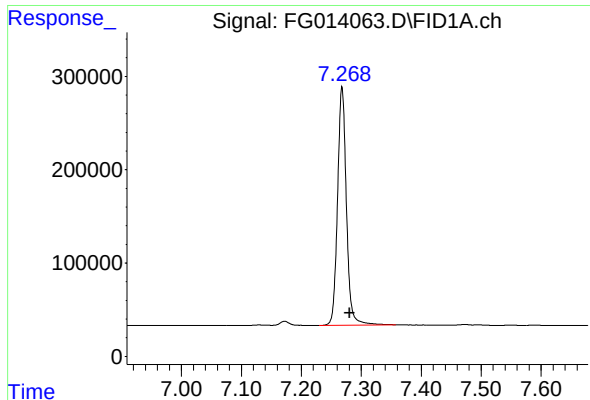
#3 A~Naphthalene (C11.7)

R.T.: 6.170 min
Delta R.T.: -0.012 min
Response: 2779154
Conc: 20.18 ug/ml



#4 n-Dodecane (C12)

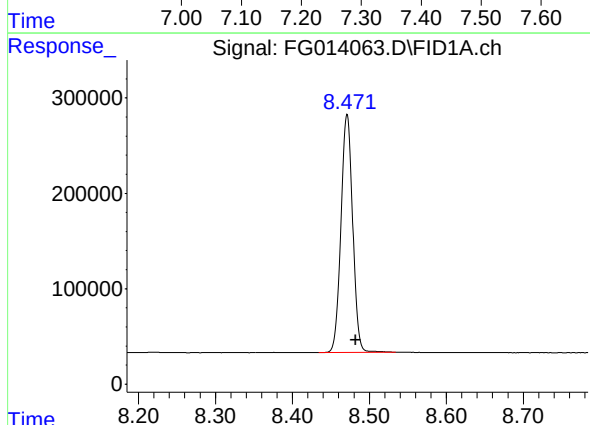
R.T.: 6.639 min
Delta R.T.: -0.010 min
Response: 2657340
Conc: 20.05 ug/ml



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

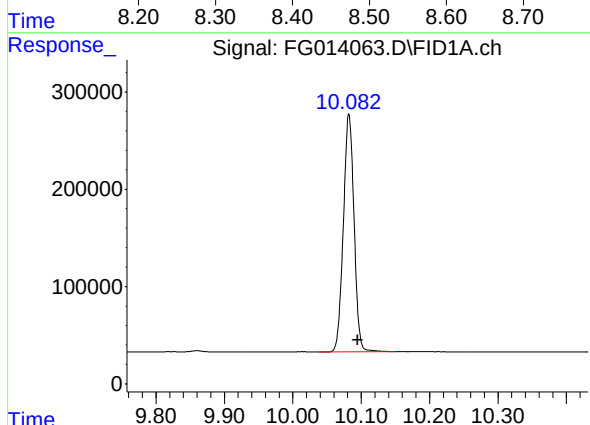
R.T.: 7.268 min
Delta R.T.: -0.013 min
Response: 2625063
Conc: 20.15 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



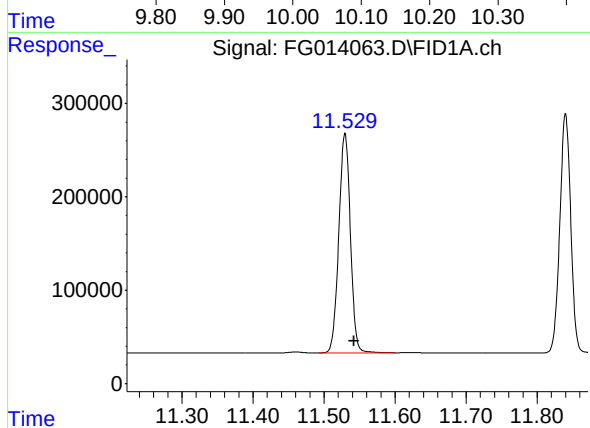
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.011 min
Response: 2612232
Conc: 20.13 ug/ml



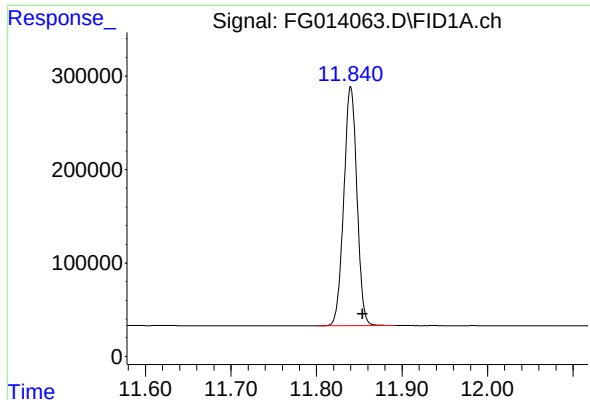
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.012 min
Response: 2656553
Conc: 20.19 ug/ml



#8 n-Octadecane (C18)

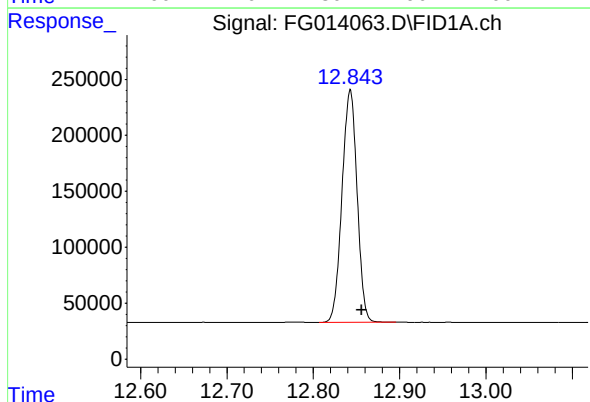
R.T.: 11.530 min
Delta R.T.: -0.012 min
Response: 2660677
Conc: 20.29 ug/ml



#9 ortho-Terphenyl (SURR)

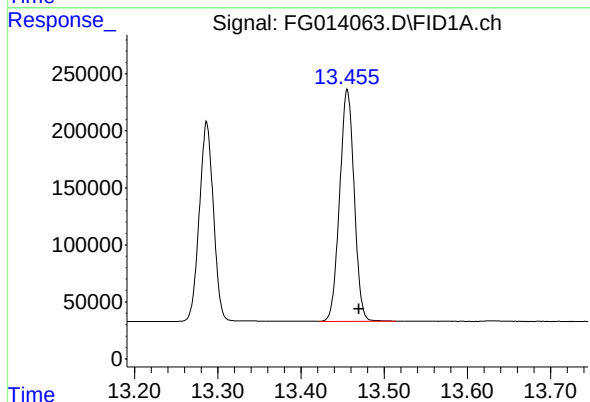
R.T.: 11.840 min
Delta R.T.: -0.014 min
Response: 2730904
Conc: 20.12 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



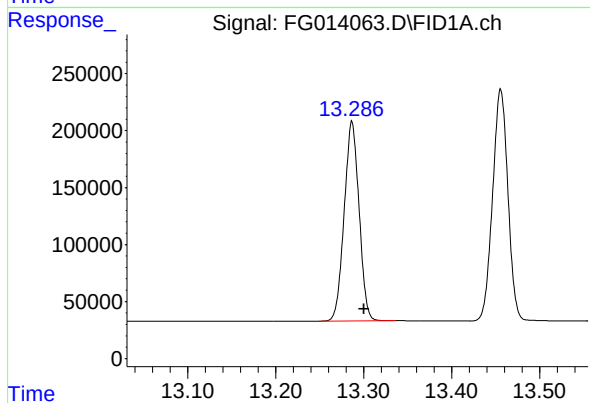
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.013 min
Response: 2520809
Conc: 20.32 ug/ml



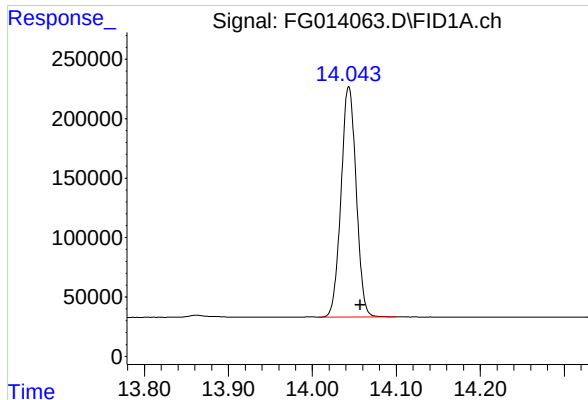
#11 n-Heneicosane (C21)

R.T.: 13.456 min
Delta R.T.: -0.014 min
Response: 2464552
Conc: 20.31 ug/ml



#12 1-chlorooctadecane (SURR)

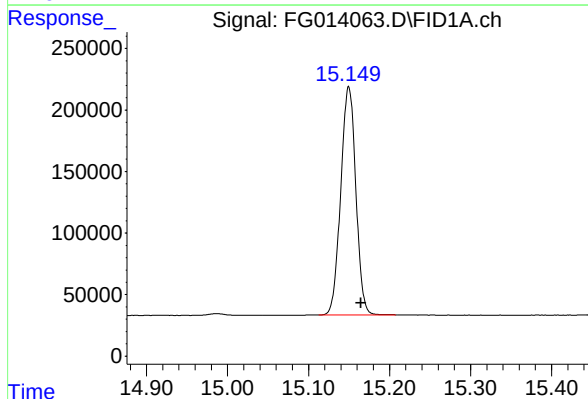
R.T.: 13.287 min
Delta R.T.: -0.013 min
Response: 2053645
Conc: 20.32 ug/ml



#13 n-Docosane (C22)

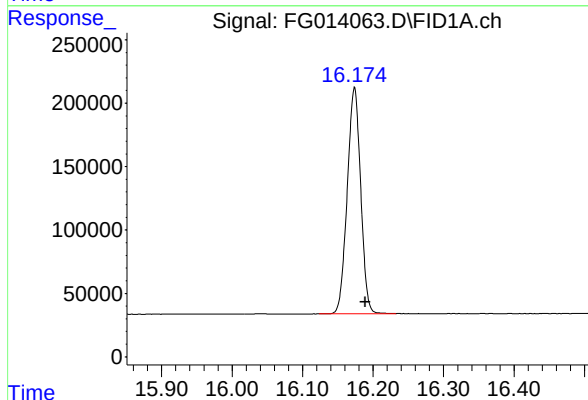
R.T.: 14.043 min
Delta R.T.: -0.014 min
Response: 2431698
Conc: 20.26 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



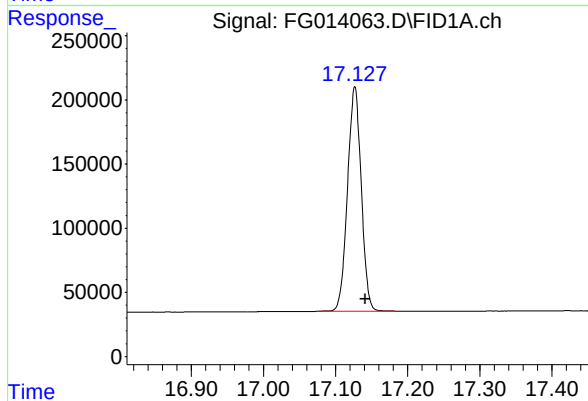
#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: -0.015 min
Response: 2404270
Conc: 20.28 ug/ml



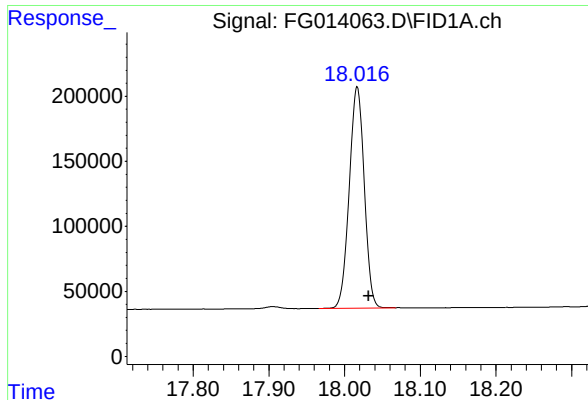
#15 n-Hexacosane (C26)

R.T.: 16.174 min
Delta R.T.: -0.015 min
Response: 2363609
Conc: 20.32 ug/ml



#16 n-Octacosane (C28)

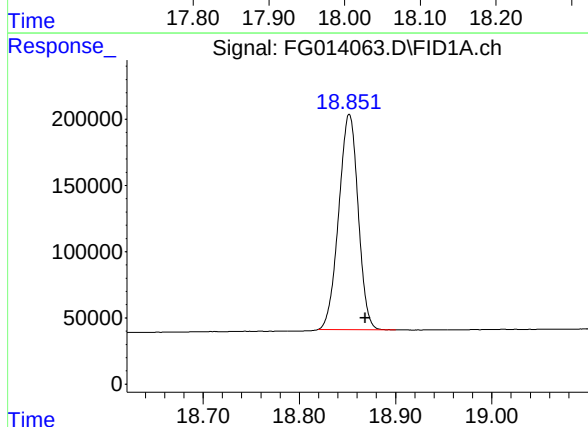
R.T.: 17.127 min
Delta R.T.: -0.015 min
Response: 2311800
Conc: 20.29 ug/ml



#17 n-Tricontane (C30)

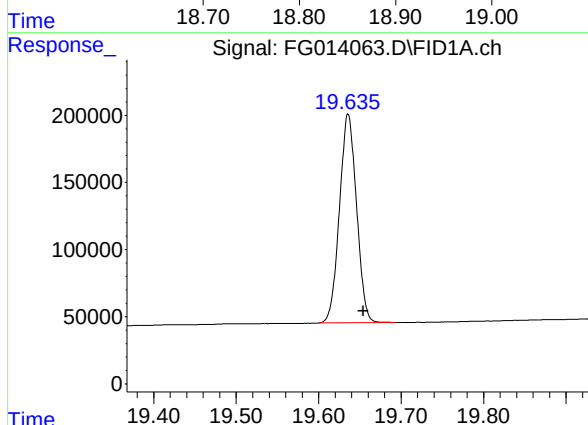
R.T.: 18.017 min
Delta R.T.: -0.015 min
Response: 2350403
Conc: 20.28 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



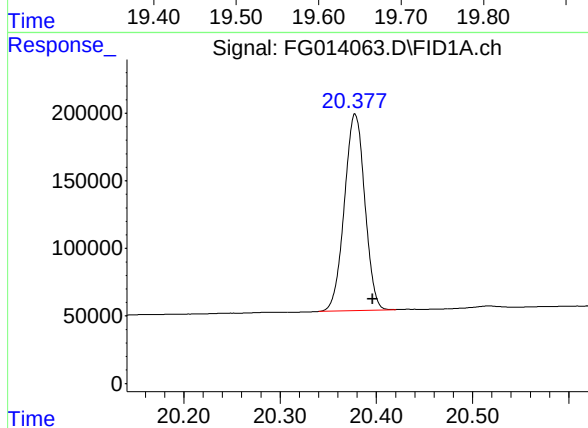
#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: -0.017 min
Response: 2285551
Conc: 19.96 ug/ml



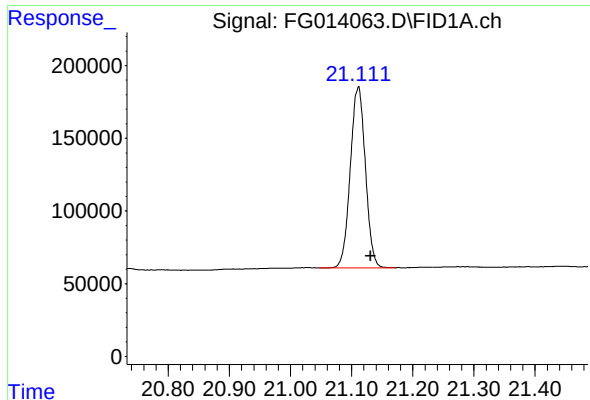
#19 n-Tetatriacontane (C34)

R.T.: 19.636 min
Delta R.T.: -0.019 min
Response: 2237177
Conc: 19.72 ug/ml



#20 n-Hexatriacontane (C36)

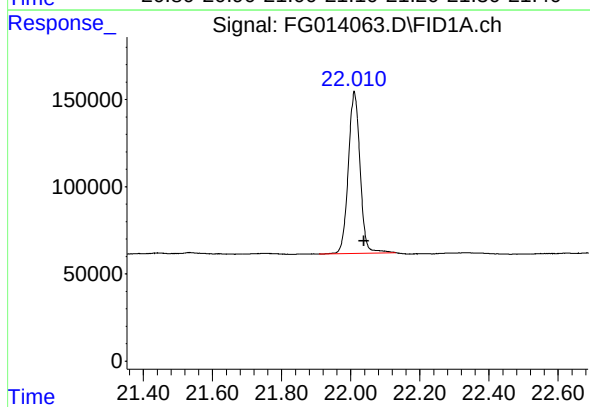
R.T.: 20.378 min
Delta R.T.: -0.018 min
Response: 2148776
Conc: 19.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: -0.020 min
Response: 2131139
Conc: 18.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.010 min
Delta R.T.: -0.028 min
Response: 2189369
Conc: 18.82 ug/ml