

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121625AL\
 Data File : FG017185.D
 Signal(s) : FID1A.ch
 Acq On : 16 Dec 2025 21:58
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 17 04:58:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121625.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 17 04:57:13 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)	12.030	2841196	19.100 ug/ml
Spiked Amount 50.000		Recovery =	38.20%
12) S 1-chlorooctadecane (S...	13.476	2174671	19.189 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
Target Compounds			
1) T n-Nonane (C9)	3.355	2141536	19.080 ug/ml
2) T n-Decane (C10)	4.615	2157024	19.089 ug/ml
3) T A~Naphthalene (C11.7)	6.335	2272284	19.211 ug/ml
4) T n-Dodecane (C12)	6.796	2186623	19.139 ug/ml
5) T A~2-methylnaphthalene...	7.438	2216122	19.213 ug/ml
6) T n-Tetradecane (C14)	8.635	2158924	19.087 ug/ml
7) T n-Hexadecane (C16)	10.254	2202300	19.119 ug/ml
8) T n-Octadecane (C18)	11.707	2276212	19.184 ug/ml
10) T n-Eicosane (C20)	13.027	2322382	19.113 ug/ml
11) T n-Heneicosane (C21)	13.642	2341668	19.149 ug/ml
13) T n-Docosane (C22)	14.234	2352005	19.130 ug/ml
14) T n-Tetracosane (C24)	15.345	2370997	19.072 ug/ml
15) T n-Hexacosane (C26)	16.372	2379527	19.020 ug/ml
16) T n-Octacosane (C28)	17.329	2382125	18.804 ug/ml
17) T n-Tricontane (C30)	18.222	2400147	18.637 ug/ml
18) T n-Dotriacontane (C32)	19.060	2335456	18.805 ug/ml
19) T n-Tetratriacontane (C34)	19.849	2124249	19.162 ug/ml
20) T n-Hexatriacontane (C36)	20.594	2052837	19.259 ug/ml
21) T n-Octatriacontane (C38)	21.370	2105481	21.036 ug/ml
22) T n-Tetracontane (C40)	22.349	1761708	18.790 ug/ml

(f)=RT Delta > 1/2 Window

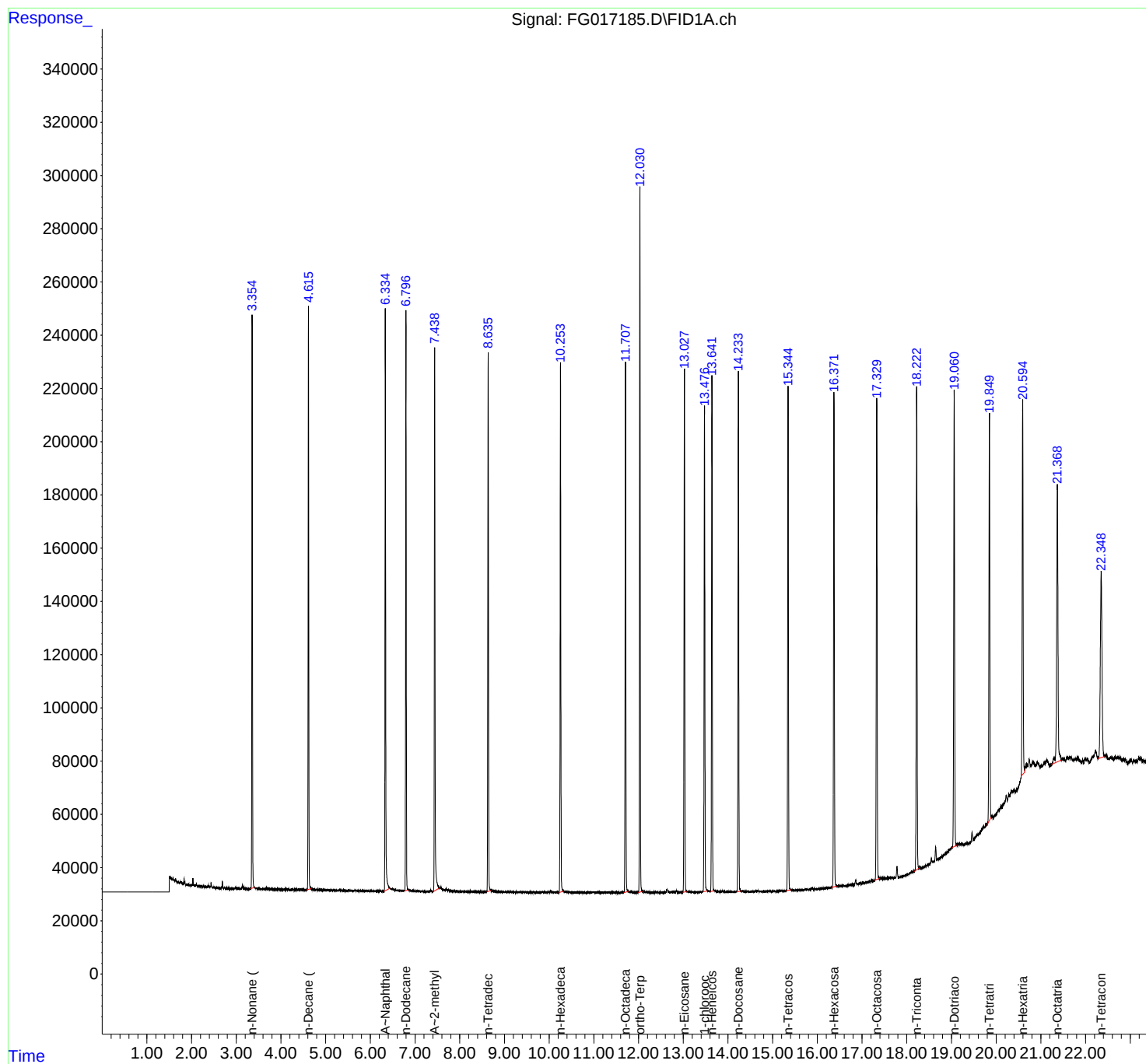
(m)=manual int.

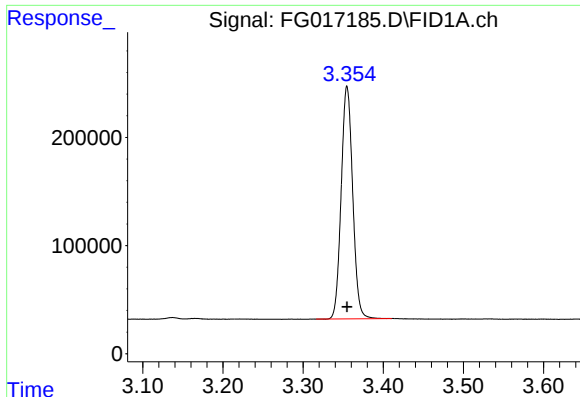
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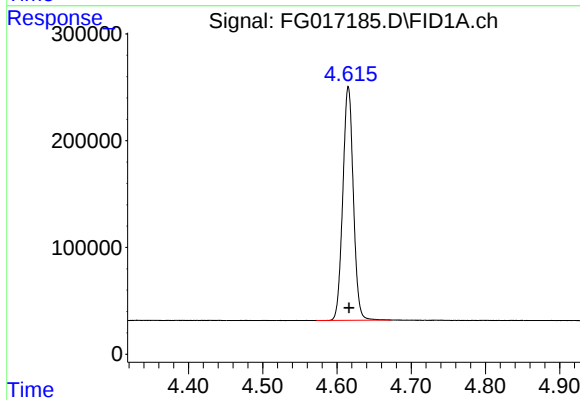




#1 n-Nonane (C9)

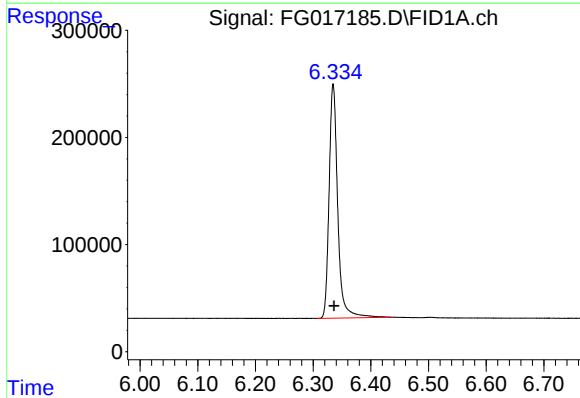
R.T.: 3.355 min
Delta R.T.: 0.000 min
Response: 2141536
Conc: 19.08 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD ICV



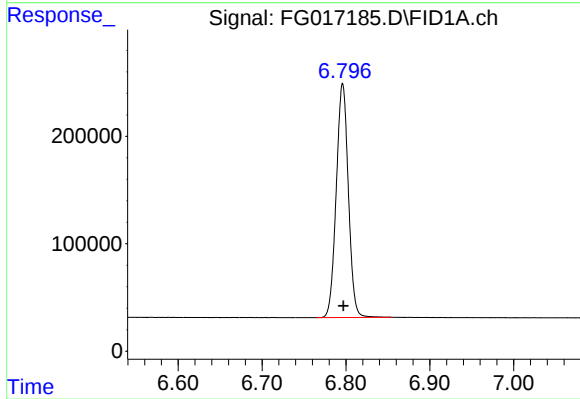
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 2157024
Conc: 19.09 ug/ml



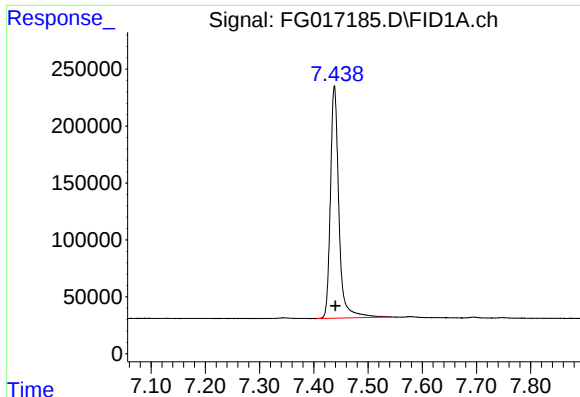
#3 A~Naphthalene (C11.7)

R.T.: 6.335 min
Delta R.T.: -0.002 min
Response: 2272284
Conc: 19.21 ug/ml



#4 n-Dodecane (C12)

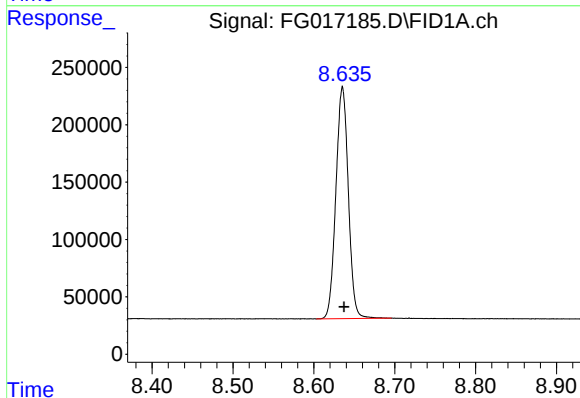
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 2186623
Conc: 19.14 ug/ml



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

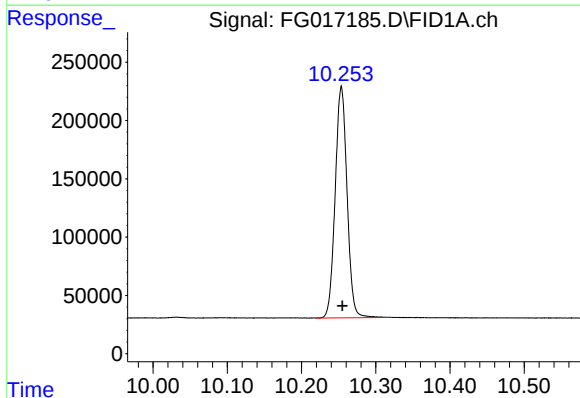
R.T.: 7.438 min
Delta R.T.: -0.002 min
Response: 2216122
Conc: 19.21 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD ICV



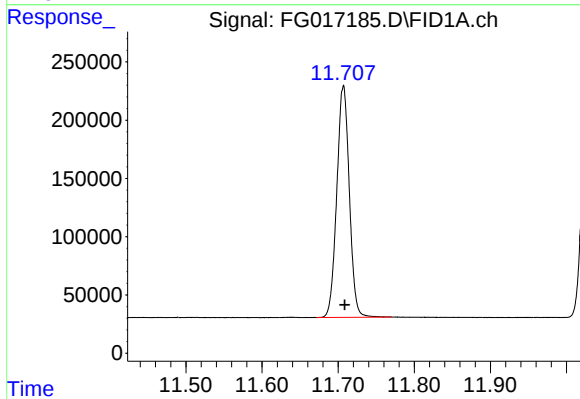
#6 n-Tetradecane (C14)

R.T.: 8.635 min
Delta R.T.: -0.002 min
Response: 2158924
Conc: 19.09 ug/ml



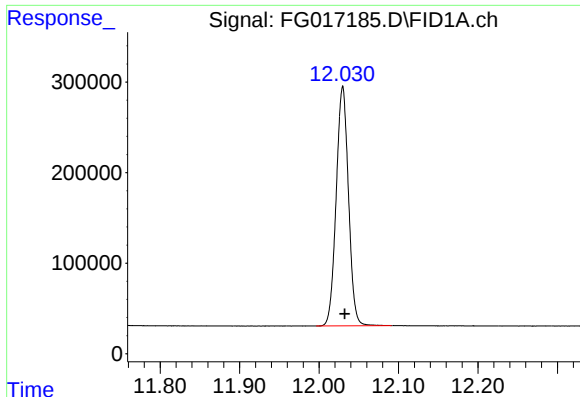
#7 n-Hexadecane (C16)

R.T.: 10.254 min
Delta R.T.: -0.001 min
Response: 2202300
Conc: 19.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.707 min
Delta R.T.: -0.002 min
Response: 2276212
Conc: 19.18 ug/ml



#9 ortho-Terphenyl (SURR)

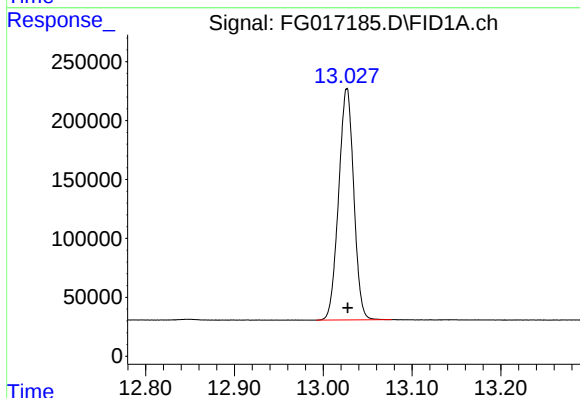
R.T.: 12.030 min
Delta R.T.: -0.003 min
Response: 2841196
Conc: 19.10 ug/ml

Instrument :

FID_G

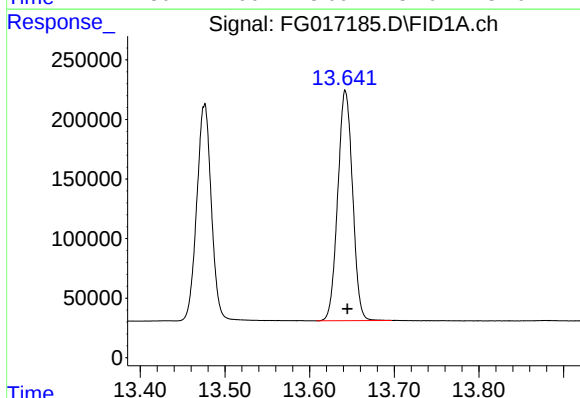
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



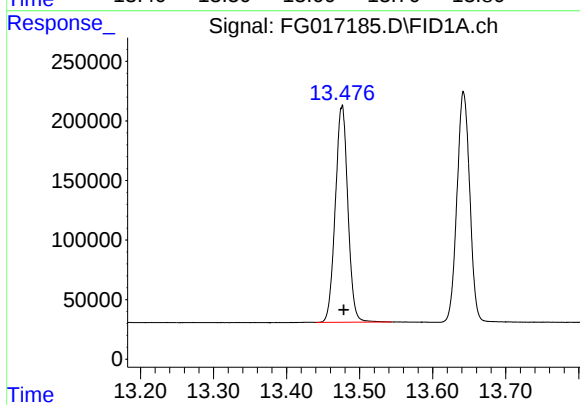
#10 n-Eicosane (C20)

R.T.: 13.027 min
Delta R.T.: -0.001 min
Response: 2322382
Conc: 19.11 ug/ml



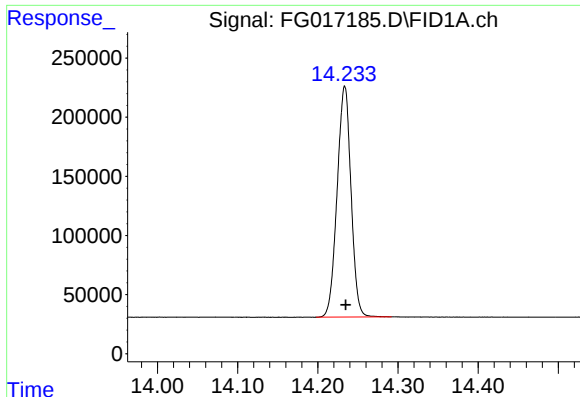
#11 n-Heneicosane (C21)

R.T.: 13.642 min
Delta R.T.: -0.002 min
Response: 2341668
Conc: 19.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.476 min
Delta R.T.: -0.002 min
Response: 2174671
Conc: 19.19 ug/ml



#13 n-Docosane (C22)

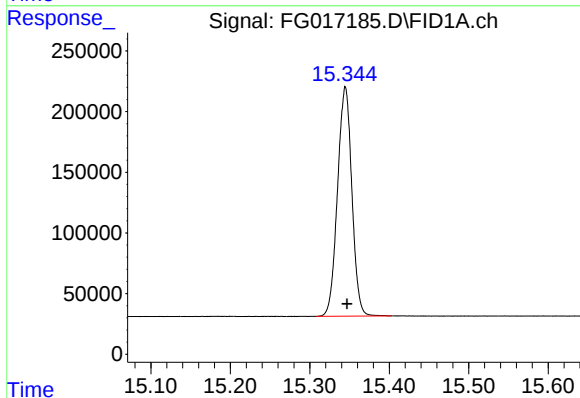
R.T.: 14.234 min
Delta R.T.: -0.001 min
Response: 2352005
Conc: 19.13 ug/ml

Instrument :

FID_G

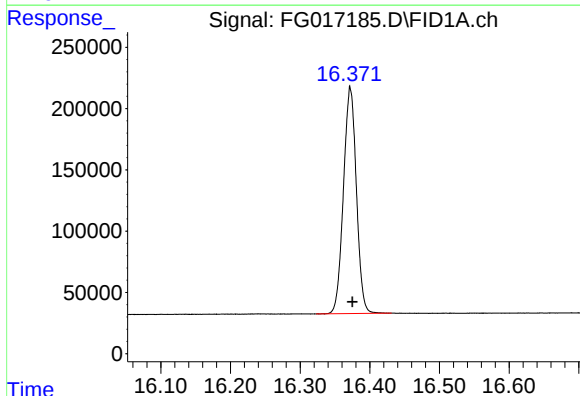
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



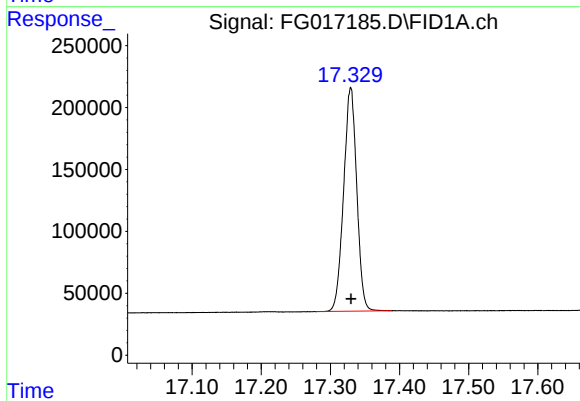
#14 n-Tetracosane (C24)

R.T.: 15.345 min
Delta R.T.: -0.002 min
Response: 2370997
Conc: 19.07 ug/ml



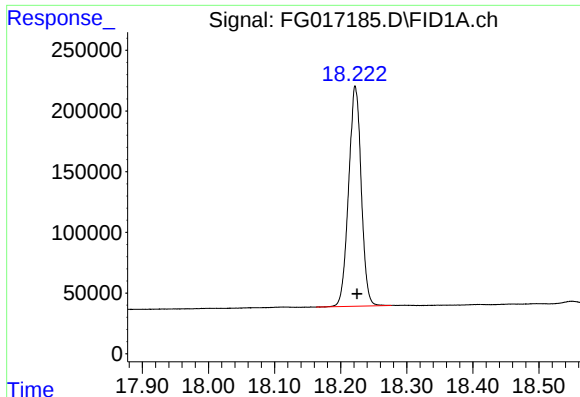
#15 n-Hexacosane (C26)

R.T.: 16.372 min
Delta R.T.: -0.003 min
Response: 2379527
Conc: 19.02 ug/ml



#16 n-Octacosane (C28)

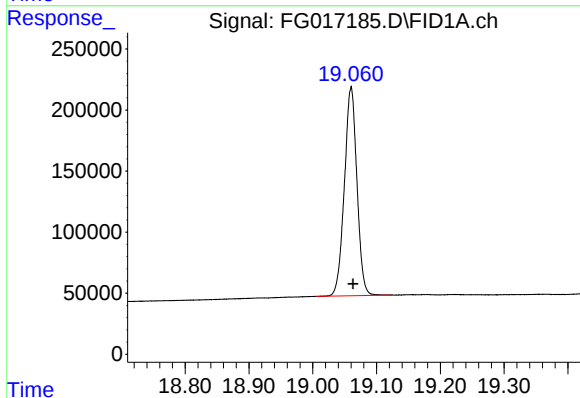
R.T.: 17.329 min
Delta R.T.: 0.000 min
Response: 2382125
Conc: 18.80 ug/ml



#17 n-Tricontane (C30)

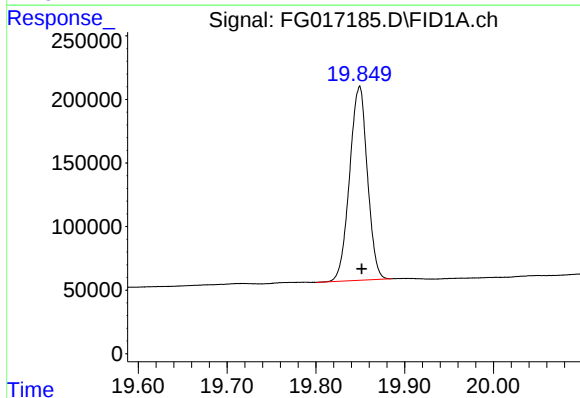
R.T.: 18.222 min
Delta R.T.: -0.002 min
Response: 2400147
Conc: 18.64 ug/ml

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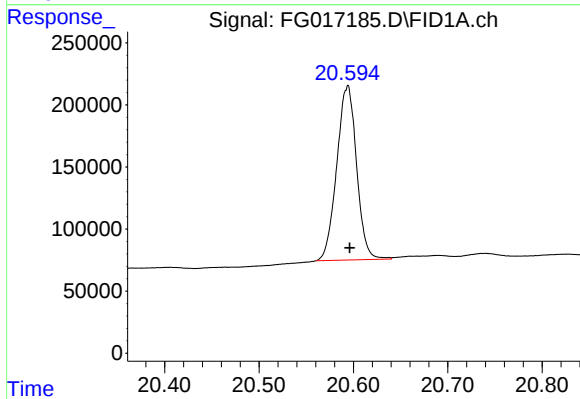
#18 n-Dotriacontane (C32)

R.T.: 19.060 min
Delta R.T.: -0.003 min
Response: 2335456
Conc: 18.80 ug/ml



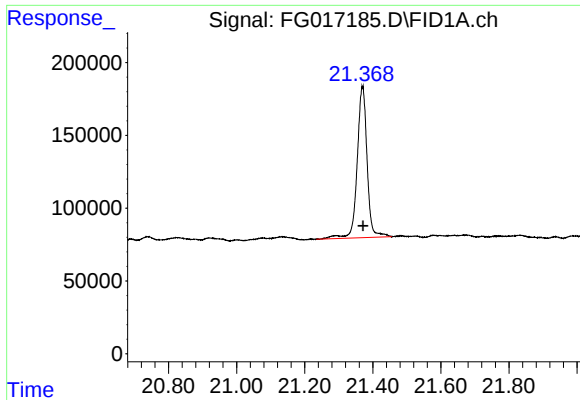
#19 n-Tetratriacontane (C34)

R.T.: 19.849 min
Delta R.T.: -0.002 min
Response: 2124249
Conc: 19.16 ug/ml



#20 n-Hexatriacontane (C36)

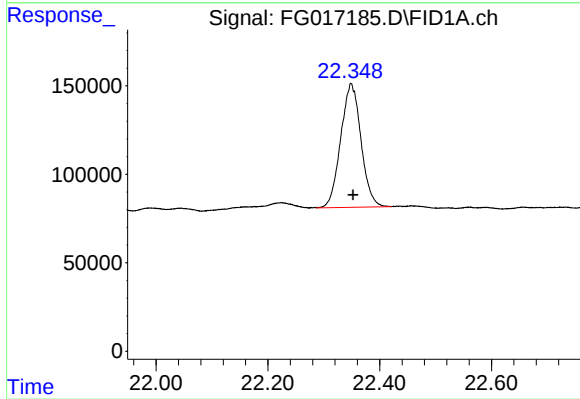
R.T.: 20.594 min
Delta R.T.: -0.002 min
Response: 2052837
Conc: 19.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.370 min
Delta R.T.: -0.002 min
Response: 2105481
Conc: 21.04 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.349 min
Delta R.T.: -0.004 min
Response: 1761708
Conc: 18.79 ug/ml