

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122022AL\
 Data File : FC062478.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2022 18:02
 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: Dec 21 04:35:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 2022
 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)	11.568	2507291	17.774 ug/ml
Spiked Amount 50.000		Recovery =	35.55%
12) S 1-chlorooctadecane (S...	13.007	1889279	17.726 ug/ml
Spiked Amount 50.000		Recovery =	35.45%
Target Compounds			
1) T n-Nonane (C9)	3.323	2228831	17.330 ug/ml
2) T n-Decane (C10)	4.390	2232271	17.944 ug/ml
3) T A~Naphthalene (C11.7)	5.976	2533403	17.853 ug/ml
4) T n-Dodecane (C12)	6.412	2244883	17.922 ug/ml
5) T A~2-methylnaphthalene...	7.035	2376103	18.480 ug/ml
6) T n-Tetradecane (C14)	8.210	2244596	18.431 ug/ml
7) T n-Hexadecane (C16)	9.812	2285289	18.207 ug/ml
8) T n-Octadecane (C18)	11.254	2316323	18.131 ug/ml
10) T n-Eicosane (C20)	12.564	2242287	18.026 ug/ml
11) T n-Heneicosane (C21)	13.174	2210251	17.886 ug/ml
13) T n-Docosane (C22)	13.761	2265130	18.647 ug/ml
14) T n-Tetracosane (C24)	14.863	2336683	19.494 ug/ml
15) T n-Hexacosane (C26)	15.882	2358644	20.304 ug/ml
16) T n-Octacosane (C28)	16.831	2474154	21.769 ug/ml
17) T n-Tricontane (C30)	17.717	2578785	23.066 ug/ml
18) T n-Dotriacontane (C32)	18.549	2563155	23.067 ug/ml
19) T n-Tetratriacontane (C34)	19.330	2286530	21.136 ug/ml
20) T n-Hexatriacontane (C36)	20.068	2037129	20.065 ug/ml
21) T n-Octatriacontane (C38)	20.802	1936759	18.931 ug/ml
22) T n-Tetracontane (C40)	21.714	1878914	18.539 ug/ml

(f)=RT Delta > 1/2 Window

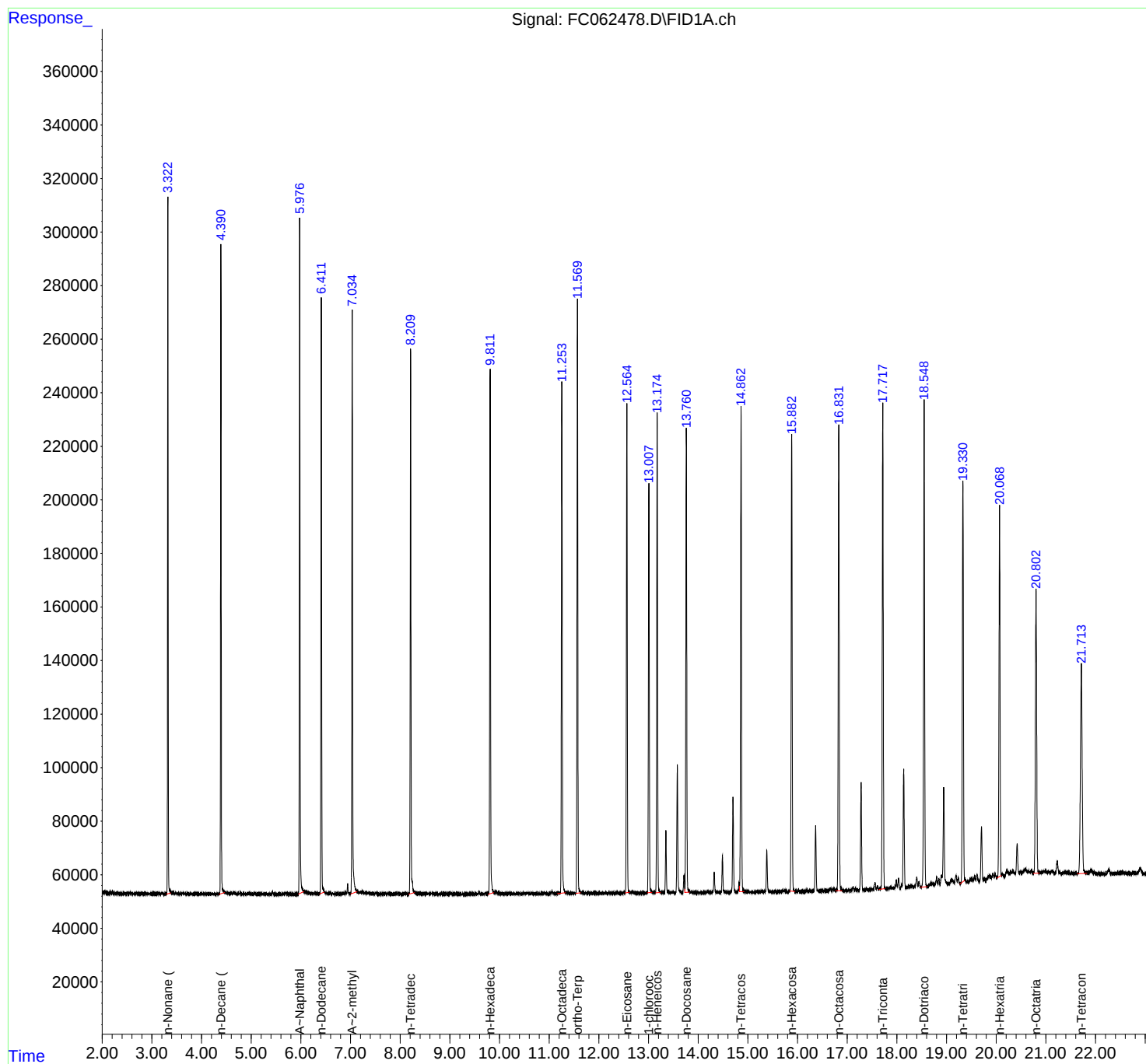
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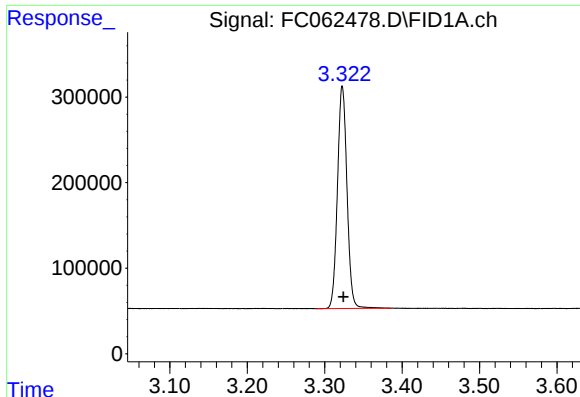
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122022AL\
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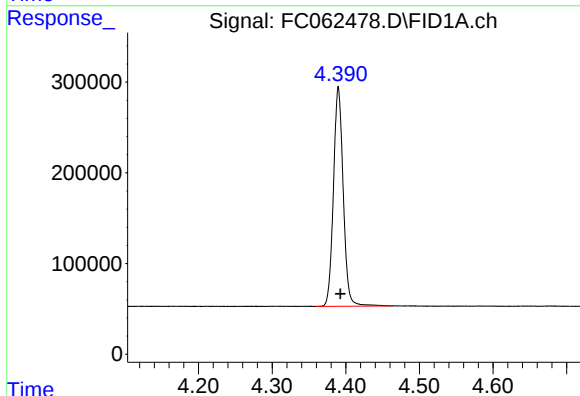




#1 n-Nonane (C9)

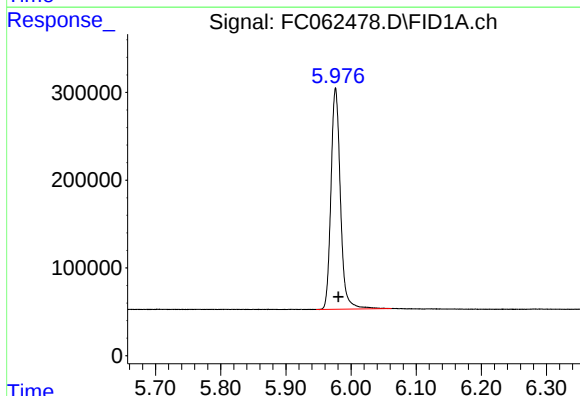
R.T.: 3.323 min
Delta R.T.: -0.001 min
Response: 2228831
Conc: 17.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



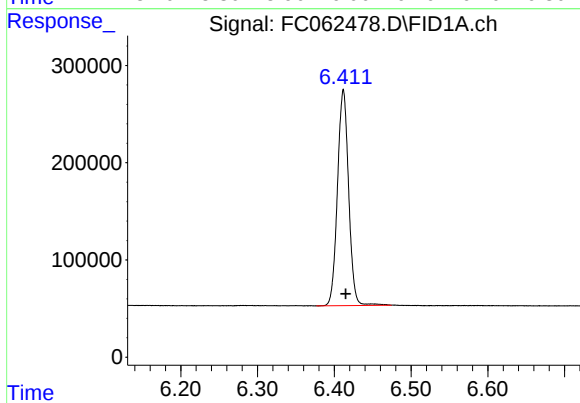
#2 n-Decane (C10)

R.T.: 4.390 min
Delta R.T.: -0.003 min
Response: 2232271
Conc: 17.94 ug/ml



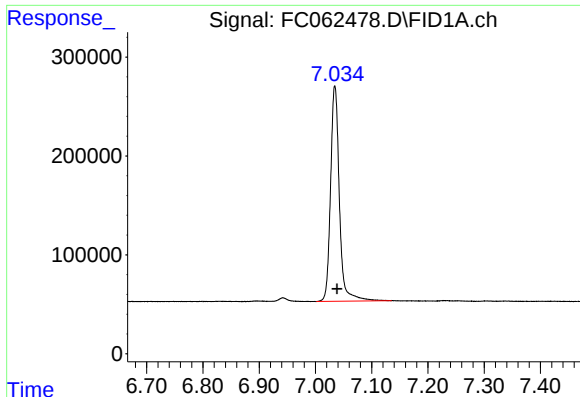
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.005 min
Response: 2533403
Conc: 17.85 ug/ml



#4 n-Dodecane (C12)

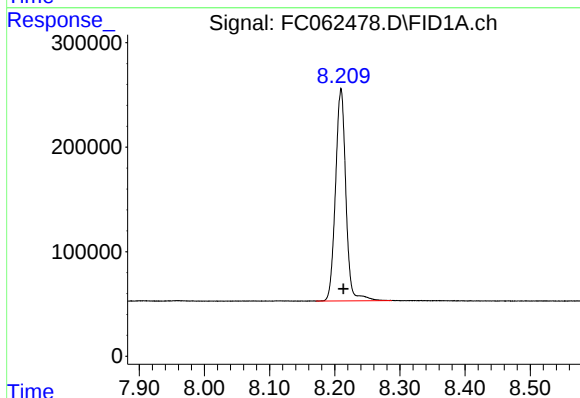
R.T.: 6.412 min
Delta R.T.: -0.003 min
Response: 2244883
Conc: 17.92 ug/ml



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

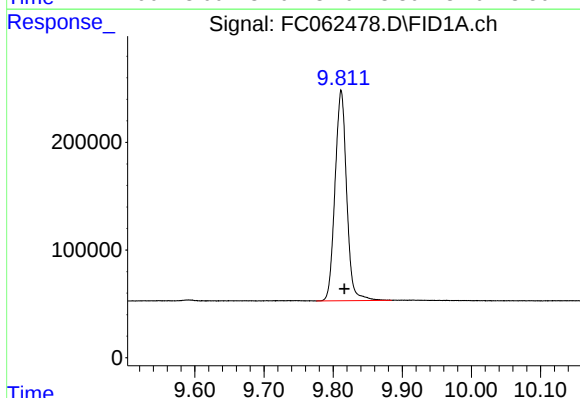
R.T.: 7.035 min
Delta R.T.: -0.004 min
Response: 2376103
Conc: 18.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



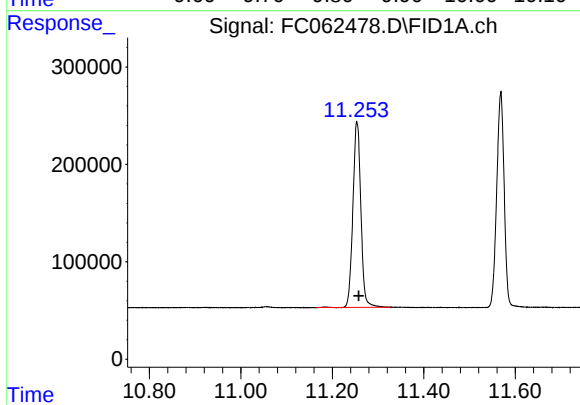
#6 n-Tetradecane (C14)

R.T.: 8.210 min
Delta R.T.: -0.003 min
Response: 2244596
Conc: 18.43 ug/ml



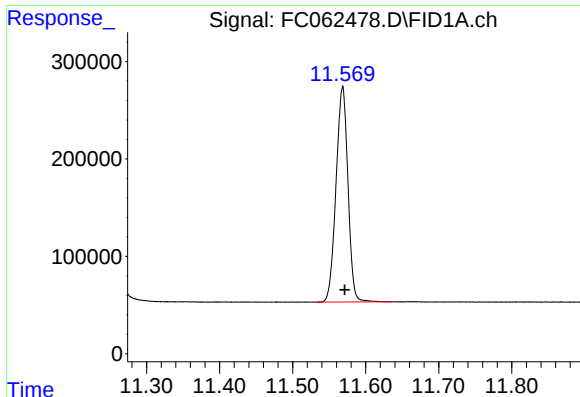
#7 n-Hexadecane (C16)

R.T.: 9.812 min
Delta R.T.: -0.004 min
Response: 2285289
Conc: 18.21 ug/ml



#8 n-Octadecane (C18)

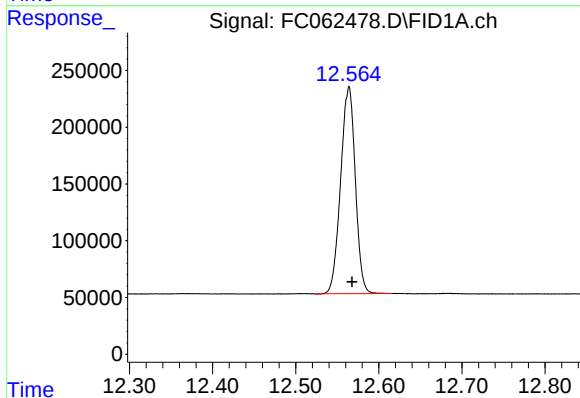
R.T.: 11.254 min
Delta R.T.: -0.004 min
Response: 2316323
Conc: 18.13 ug/ml



#9 ortho-Terphenyl (SURR)

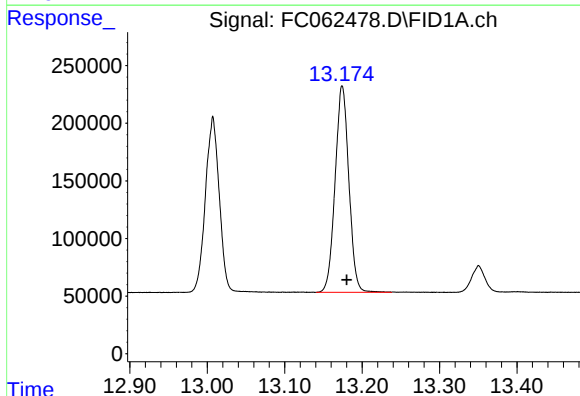
R.T.: 11.568 min
Delta R.T.: -0.003 min
Response: 2507291
Conc: 17.77 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



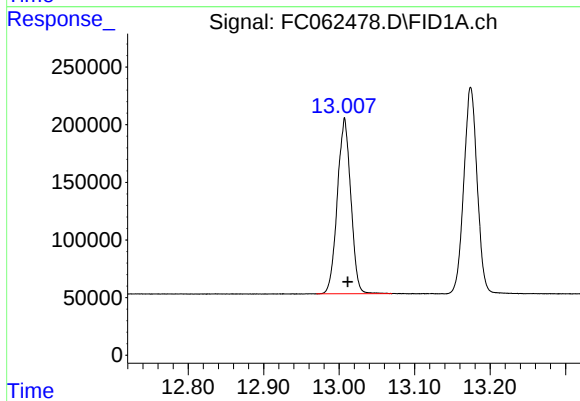
#10 n-Eicosane (C20)

R.T.: 12.564 min
Delta R.T.: -0.004 min
Response: 2242287
Conc: 18.03 ug/ml



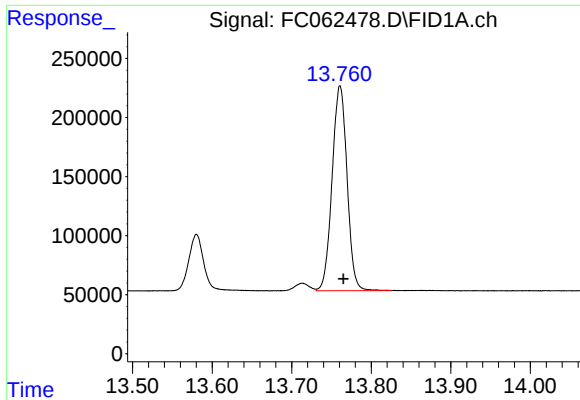
#11 n-Heneicosane (C21)

R.T.: 13.174 min
Delta R.T.: -0.006 min
Response: 2210251
Conc: 17.89 ug/ml



#12 1-chlorooctadecane (SURR)

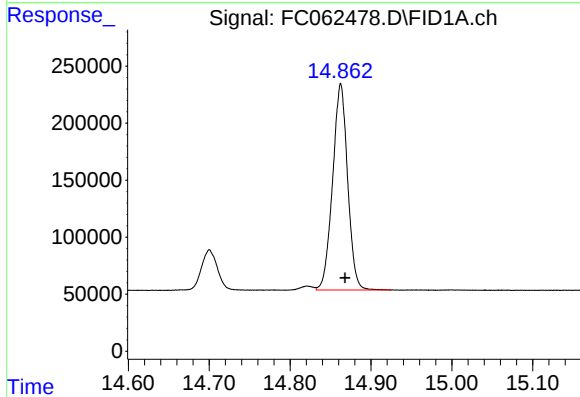
R.T.: 13.007 min
Delta R.T.: -0.004 min
Response: 1889279
Conc: 17.73 ug/ml



#13 n-Docosane (C22)

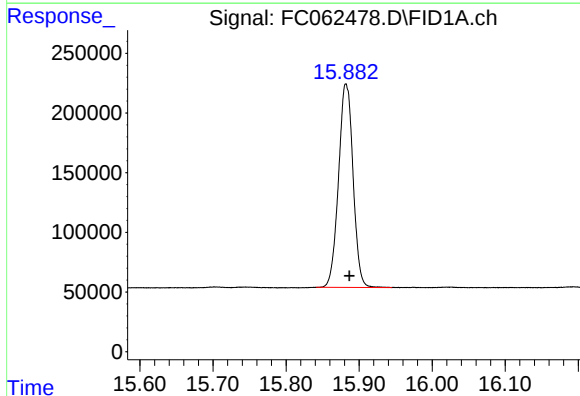
R.T.: 13.761 min
Delta R.T.: -0.004 min
Response: 2265130
Conc: 18.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



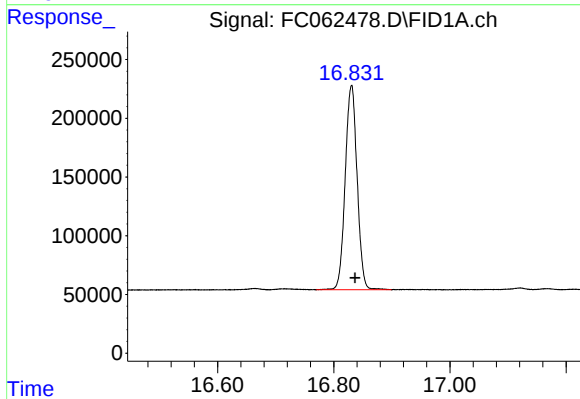
#14 n-Tetracosane (C24)

R.T.: 14.863 min
Delta R.T.: -0.005 min
Response: 2336683
Conc: 19.49 ug/ml



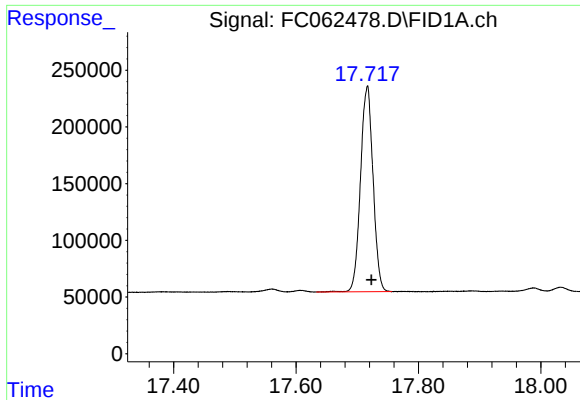
#15 n-Hexacosane (C26)

R.T.: 15.882 min
Delta R.T.: -0.005 min
Response: 2358644
Conc: 20.30 ug/ml



#16 n-Octacosane (C28)

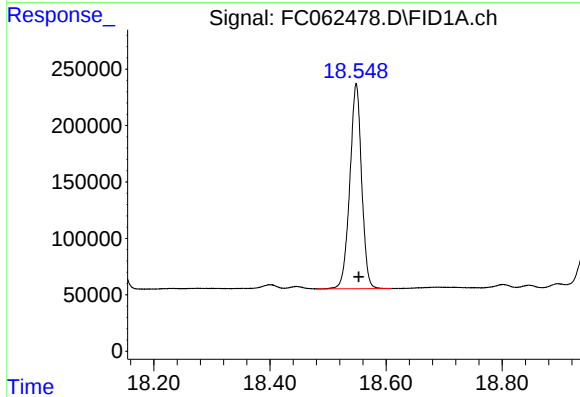
R.T.: 16.831 min
Delta R.T.: -0.006 min
Response: 2474154
Conc: 21.77 ug/ml



#17 n-Tricontane (C30)

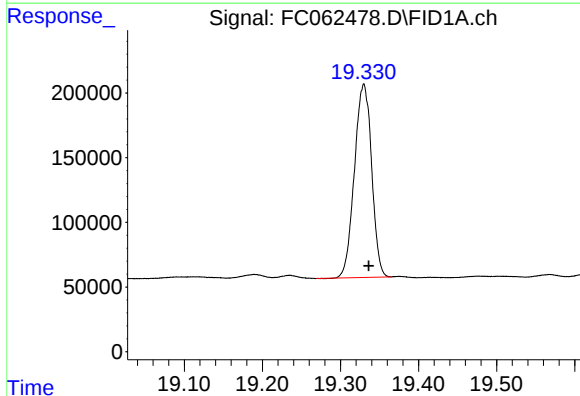
R.T.: 17.717 min
Delta R.T.: -0.007 min
Response: 2578785
Conc: 23.07 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



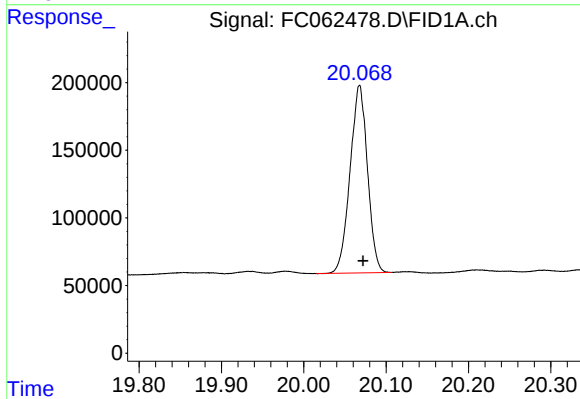
#18 n-Dotriacontane (C32)

R.T.: 18.549 min
Delta R.T.: -0.004 min
Response: 2563155
Conc: 23.07 ug/ml



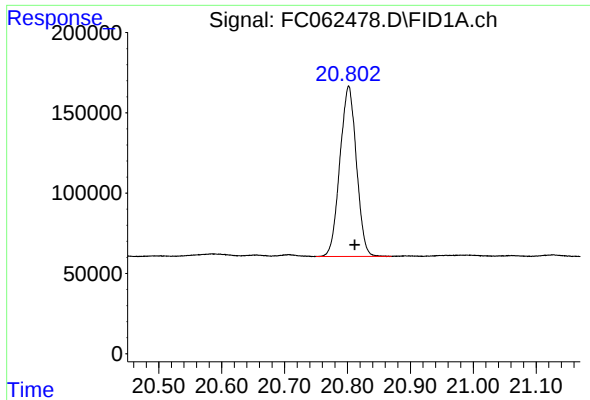
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min
Delta R.T.: -0.006 min
Response: 2286530
Conc: 21.14 ug/ml



#20 n-Hexatriacontane (C36)

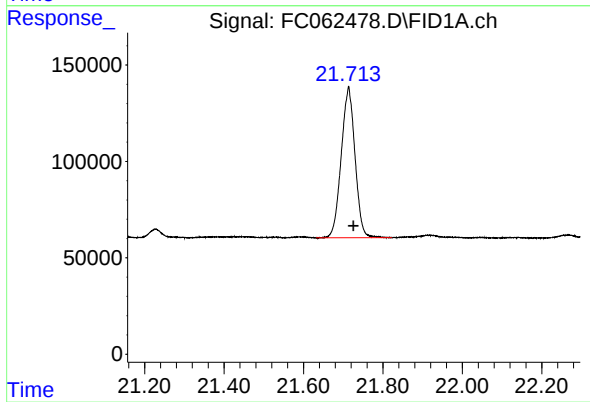
R.T.: 20.068 min
Delta R.T.: -0.004 min
Response: 2037129
Conc: 20.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.802 min
Delta R.T.: -0.009 min
Response: 1936759
Conc: 18.93 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.714 min
Delta R.T.: -0.012 min
Response: 1878914
Conc: 18.54 ug/ml