

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121222AL\
 Data File : FC062407.D
 Signal(s) : FID1A.ch
 Acq On : 12 Dec 2022 23:18
 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 13 02:48:38 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)	11.571	2752422	19.512 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
12) S 1-chlorooctadecane (S...	13.009	2074530	19.464 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
Target Compounds			
1) T n-Nonane (C9)	3.323	2480369	19.285 ug/ml
2) T n-Decane (C10)	4.391	2449519	19.691 ug/ml
3) T A~Naphthalene (C11.7)	5.978	2800111	19.733 ug/ml
4) T n-Dodecane (C12)	6.414	2465562	19.684 ug/ml
5) T A~2-methylnaphthalene...	7.036	2634287	20.488 ug/ml
6) T n-Tetradecane (C14)	8.211	2459130	20.192 ug/ml
7) T n-Hexadecane (C16)	9.814	2494566	19.875 ug/ml
8) T n-Octadecane (C18)	11.257	2512341	19.666 ug/ml
10) T n-Eicosane (C20)	12.566	2429538	19.531 ug/ml
11) T n-Heneicosane (C21)	13.177	2414490	19.539 ug/ml
13) T n-Docosane (C22)	13.765	2417767	19.904 ug/ml
14) T n-Tetracosane (C24)	14.867	2436773	20.329 ug/ml
15) T n-Hexacosane (C26)	15.886	2398190	20.644 ug/ml
16) T n-Octacosane (C28)	16.834	2391321	21.040 ug/ml
17) T n-Tricontane (C30)	17.720	2378292	21.273 ug/ml
18) T n-Dotriacontane (C32)	18.552	2363737	21.272 ug/ml
19) T n-Tetratriacontane (C34)	19.334	2232423	20.636 ug/ml
20) T n-Hexatriacontane (C36)	20.071	2073885	20.427 ug/ml
21) T n-Octatriacontane (C38)	20.809	2038373	19.924 ug/ml
22) T n-Tetracontane (C40)	21.724	2025105	19.982 ug/ml

(f)=RT Delta > 1/2 Window

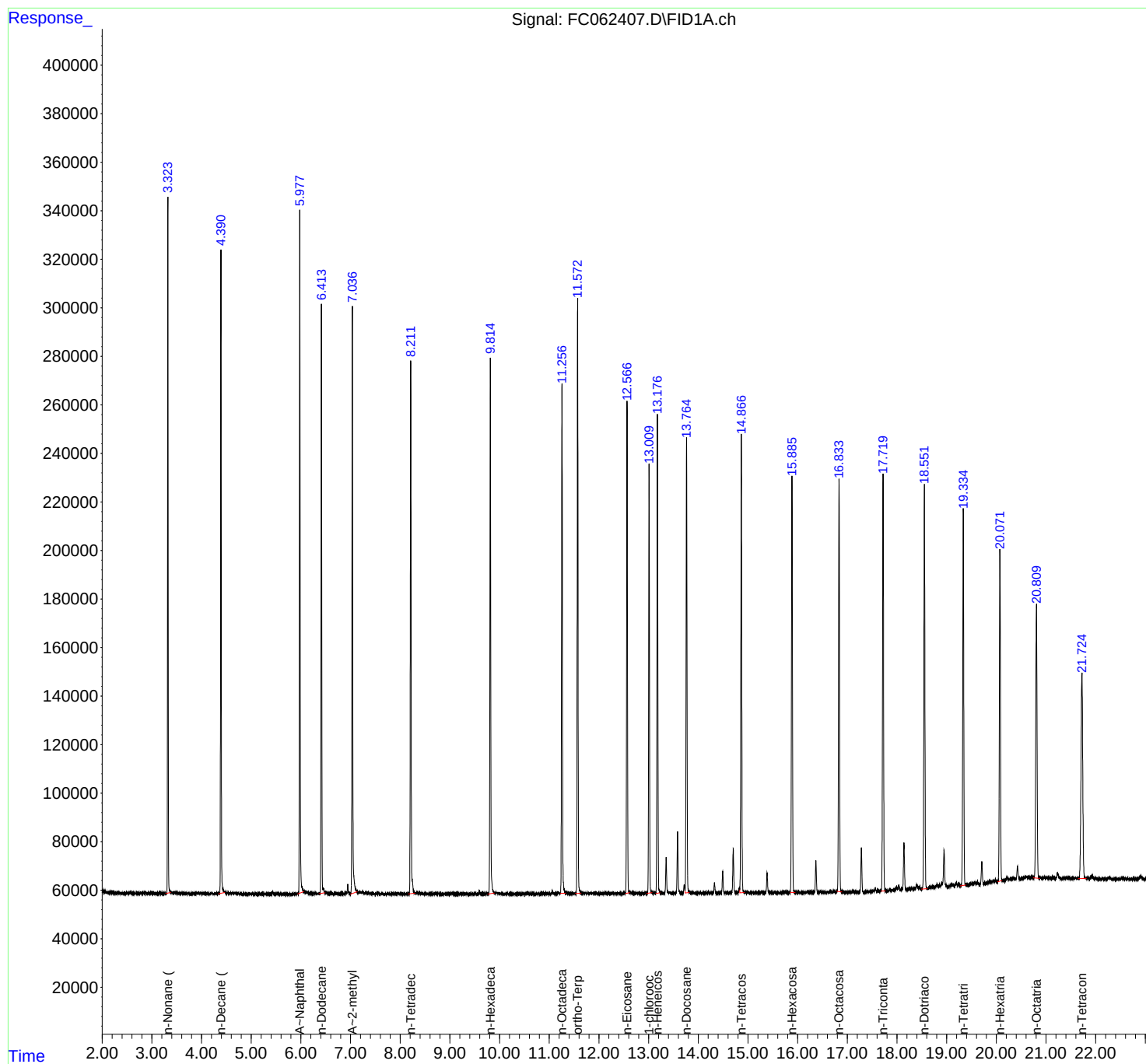
(m)=manual int.

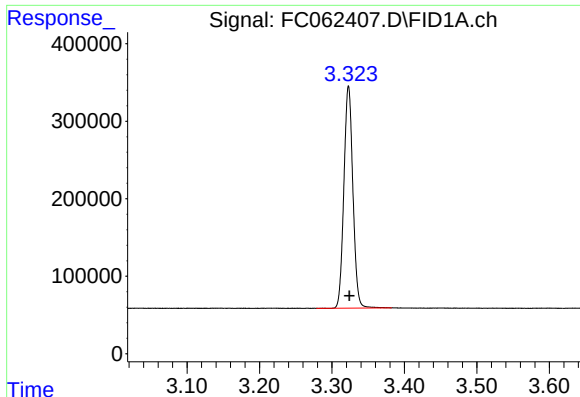
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121222AL\
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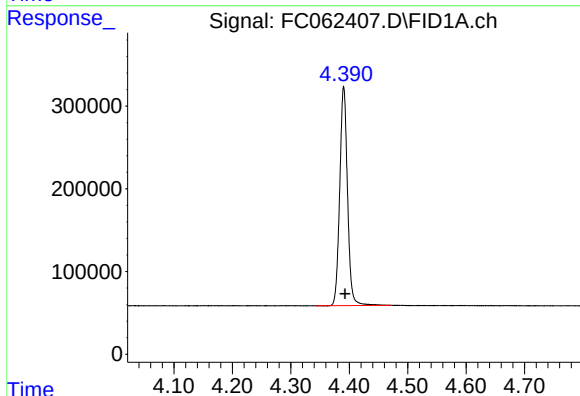




#1 n-Nonane (C9)

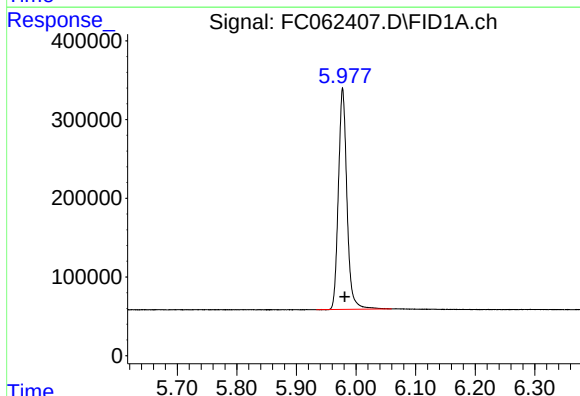
R.T.: 3.323 min
Delta R.T.: -0.001 min
Response: 2480369
Conc: 19.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



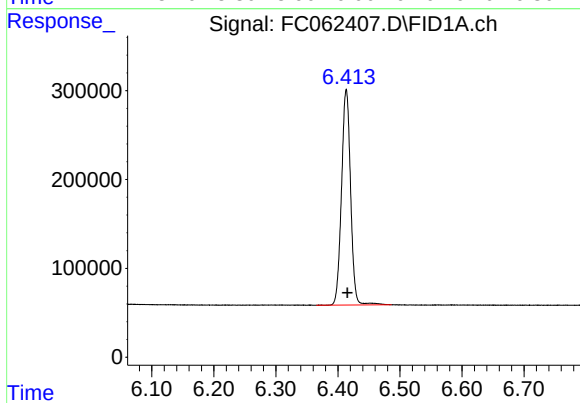
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.002 min
Response: 2449519
Conc: 19.69 ug/ml



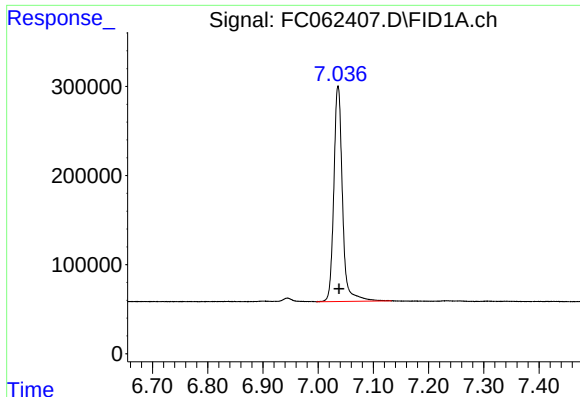
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.003 min
Response: 2800111
Conc: 19.73 ug/ml



#4 n-Dodecane (C12)

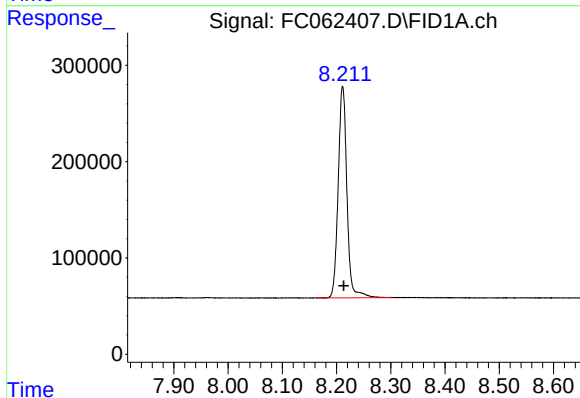
R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 2465562
Conc: 19.68 ug/ml



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

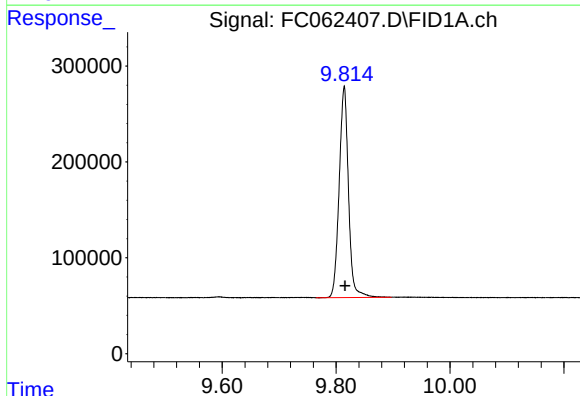
R.T.: 7.036 min
Delta R.T.: -0.002 min
Response: 2634287
Conc: 20.49 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



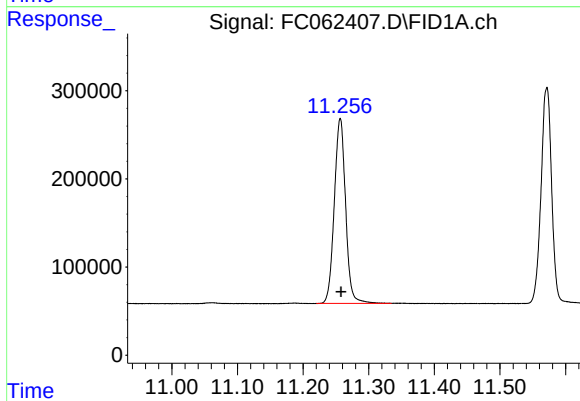
#6 n-Tetradecane (C14)

R.T.: 8.211 min
Delta R.T.: -0.002 min
Response: 2459130
Conc: 20.19 ug/ml



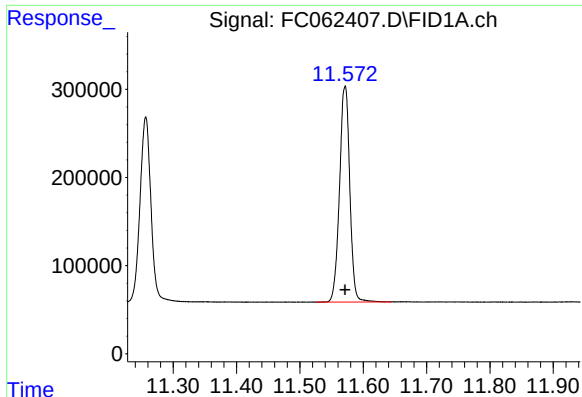
#7 n-Hexadecane (C16)

R.T.: 9.814 min
Delta R.T.: -0.002 min
Response: 2494566
Conc: 19.87 ug/ml



#8 n-Octadecane (C18)

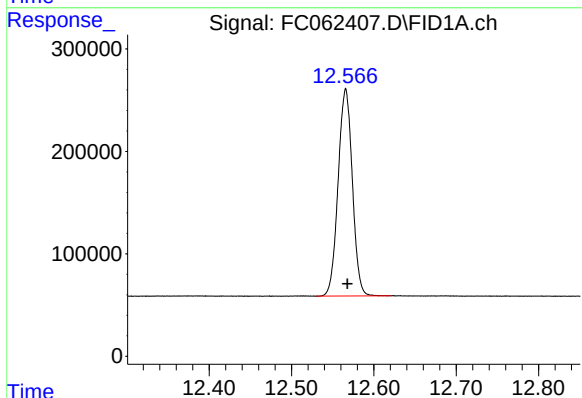
R.T.: 11.257 min
Delta R.T.: 0.000 min
Response: 2512341
Conc: 19.67 ug/ml



#9 ortho-Terphenyl (SURR)

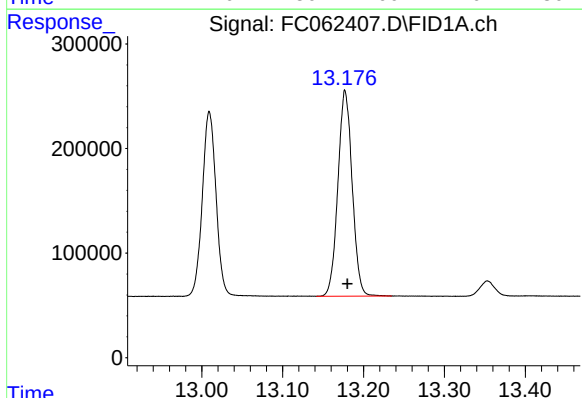
R.T.: 11.571 min
Delta R.T.: 0.000 min
Response: 2752422
Conc: 19.51 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



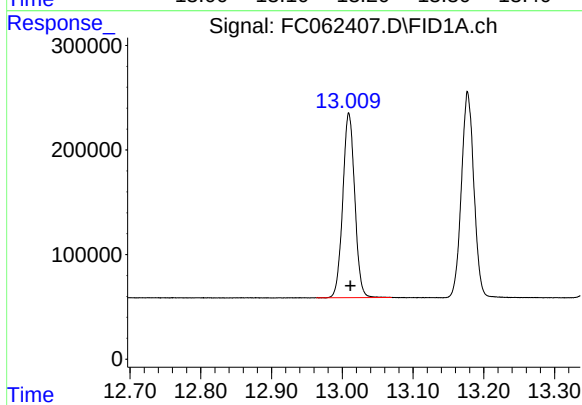
#10 n-Eicosane (C20)

R.T.: 12.566 min
Delta R.T.: -0.002 min
Response: 2429538
Conc: 19.53 ug/ml



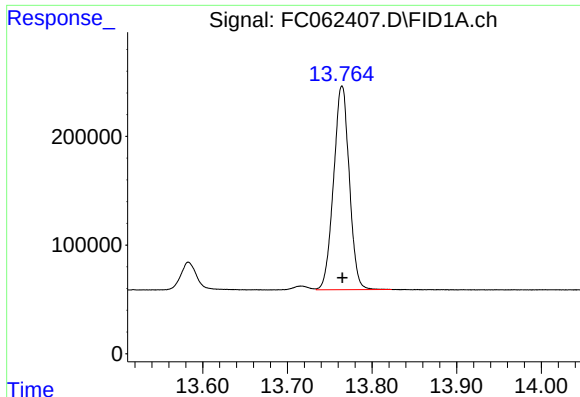
#11 n-Heneicosane (C21)

R.T.: 13.177 min
Delta R.T.: -0.003 min
Response: 2414490
Conc: 19.54 ug/ml



#12 1-chlorooctadecane (SURR)

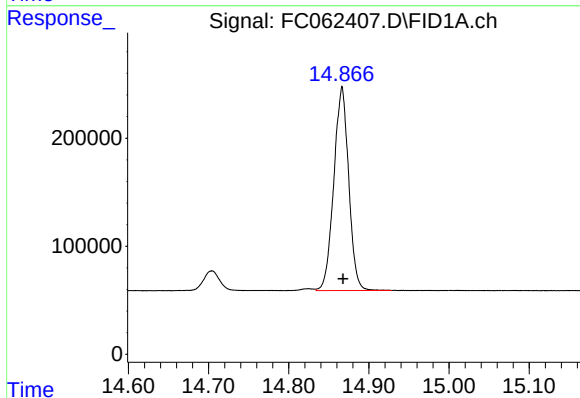
R.T.: 13.009 min
Delta R.T.: -0.002 min
Response: 2074530
Conc: 19.46 ug/ml



#13 n-Docosane (C22)

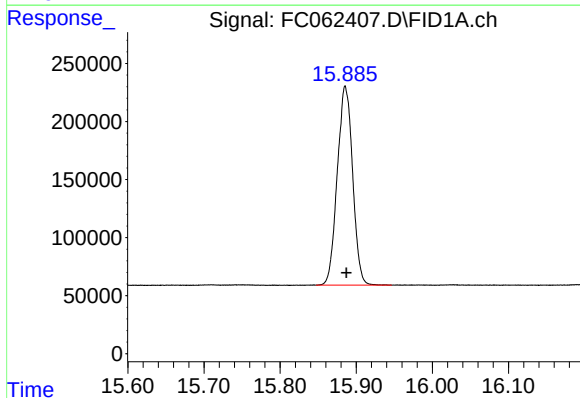
R.T.: 13.765 min
Delta R.T.: 0.000 min
Response: 2417767
Conc: 19.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



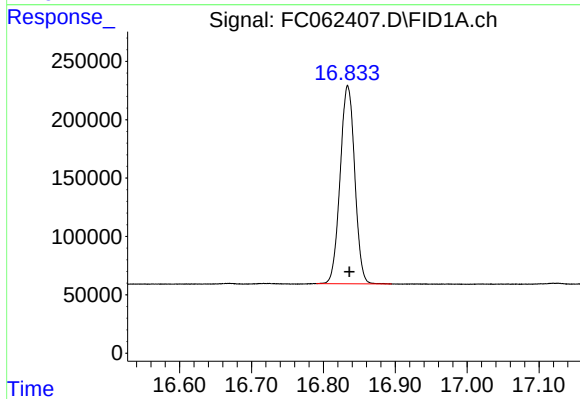
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: -0.001 min
Response: 2436773
Conc: 20.33 ug/ml



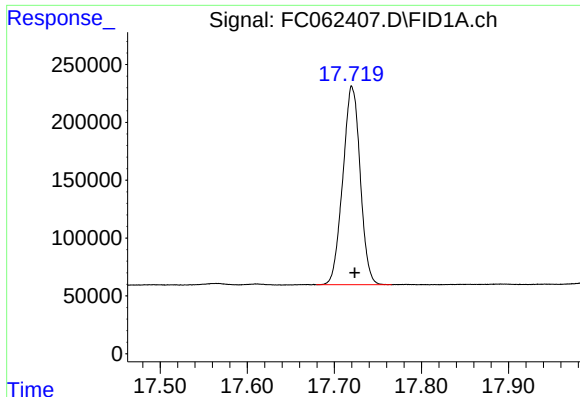
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: -0.001 min
Response: 2398190
Conc: 20.64 ug/ml



#16 n-Octacosane (C28)

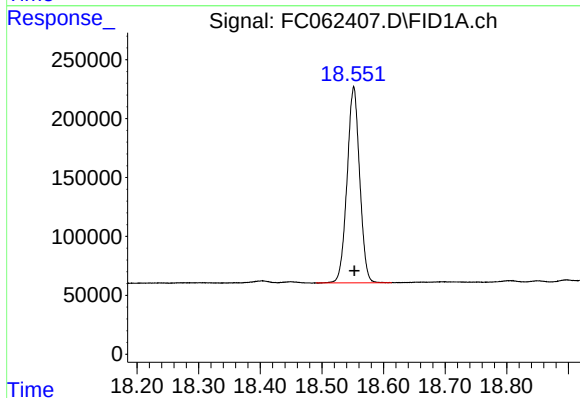
R.T.: 16.834 min
Delta R.T.: -0.003 min
Response: 2391321
Conc: 21.04 ug/ml



#17 n-Tricontane (C30)

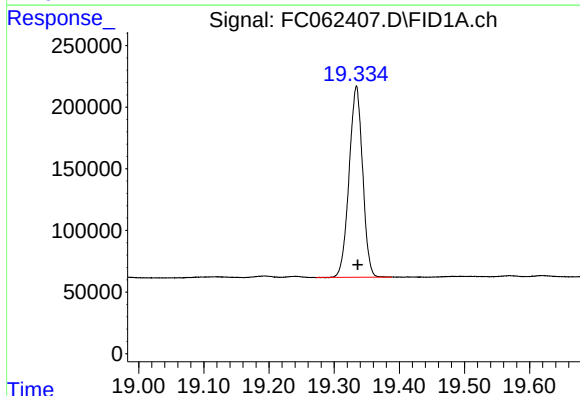
R.T.: 17.720 min
Delta R.T.: -0.003 min
Response: 2378292
Conc: 21.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



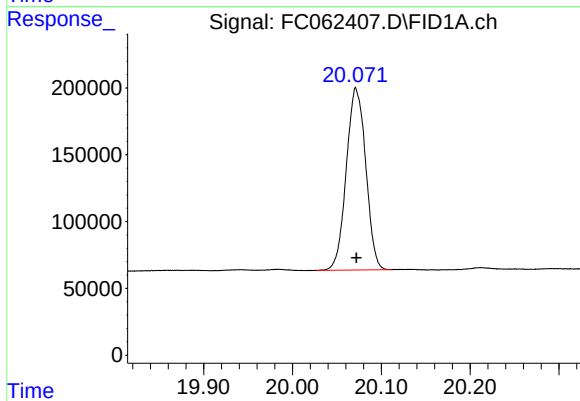
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: 0.000 min
Response: 2363737
Conc: 21.27 ug/ml



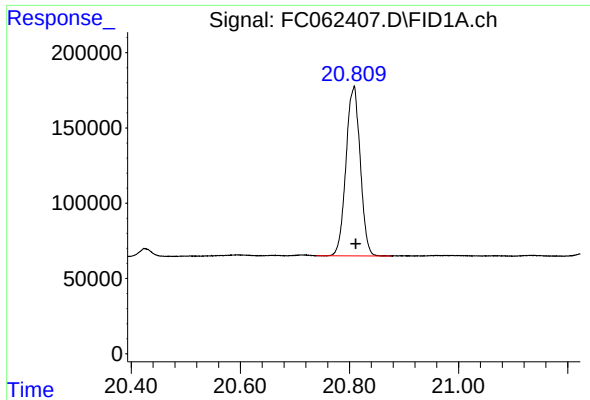
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: -0.002 min
Response: 2232423
Conc: 20.64 ug/ml



#20 n-Hexatriacontane (C36)

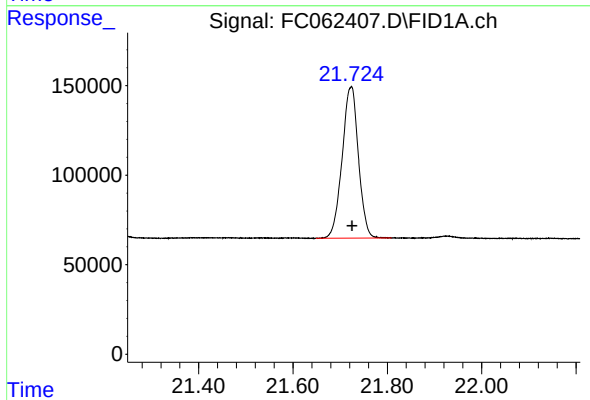
R.T.: 20.071 min
Delta R.T.: 0.000 min
Response: 2073885
Conc: 20.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.809 min
Delta R.T.: -0.003 min
Response: 2038373
Conc: 19.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.724 min
Delta R.T.: -0.001 min
Response: 2025105
Conc: 19.98 ug/ml