

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102822AL\
 Data File : FC062007.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2022 00:23
 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: Oct 29 04:53:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.589	3000986	20.189 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
12) S 1-chlorooctadecane (S...	13.024	2369444	20.338 ug/ml
Spiked Amount 50.000		Recovery =	40.68%
Target Compounds			
1) T n-Nonane (C9)	3.352	2840130	20.191 ug/ml
2) T n-Decane (C10)	4.419	2914413	20.417 ug/ml
3) T A~Naphthalene (C11.7)	6.005	3112922	20.167 ug/ml
4) T n-Dodecane (C12)	6.434	2964100	20.418 ug/ml
5) T A~2-methylnaphthalene...	7.060	3063258	20.193 ug/ml
6) T n-Tetradecane (C14)	8.229	2968688	20.423 ug/ml
7) T n-Hexadecane (C16)	9.829	2981062	20.471 ug/ml
8) T n-Octadecane (C18)	11.270	2960995	20.486 ug/ml
10) T n-Eicosane (C20)	12.579	2876933	20.384 ug/ml
11) T n-Heneicosane (C21)	13.191	2832992	20.417 ug/ml
13) T n-Docosane (C22)	13.777	2776136	20.250 ug/ml
14) T n-Tetracosane (C24)	14.878	2660971	20.139 ug/ml
15) T n-Hexacosane (C26)	15.899	2566254	20.366 ug/ml
16) T n-Octacosane (C28)	16.848	2525909	20.944 ug/ml
17) T n-Tricontane (C30)	17.734	2666085	22.407 ug/ml
18) T n-Dotriacontane (C32)	18.567	2743954	23.289 ug/ml
19) T n-Tetratriacontane (C34)	19.350	2609658	23.100 ug/ml
20) T n-Hexatriacontane (C36)	20.089	2538120	22.380 ug/ml
21) T n-Octatriacontane (C38)	20.826	2555549	22.712 ug/ml
22) T n-Tetracontane (C40)	21.740	2278358	20.294 ug/ml

(f)=RT Delta > 1/2 Window

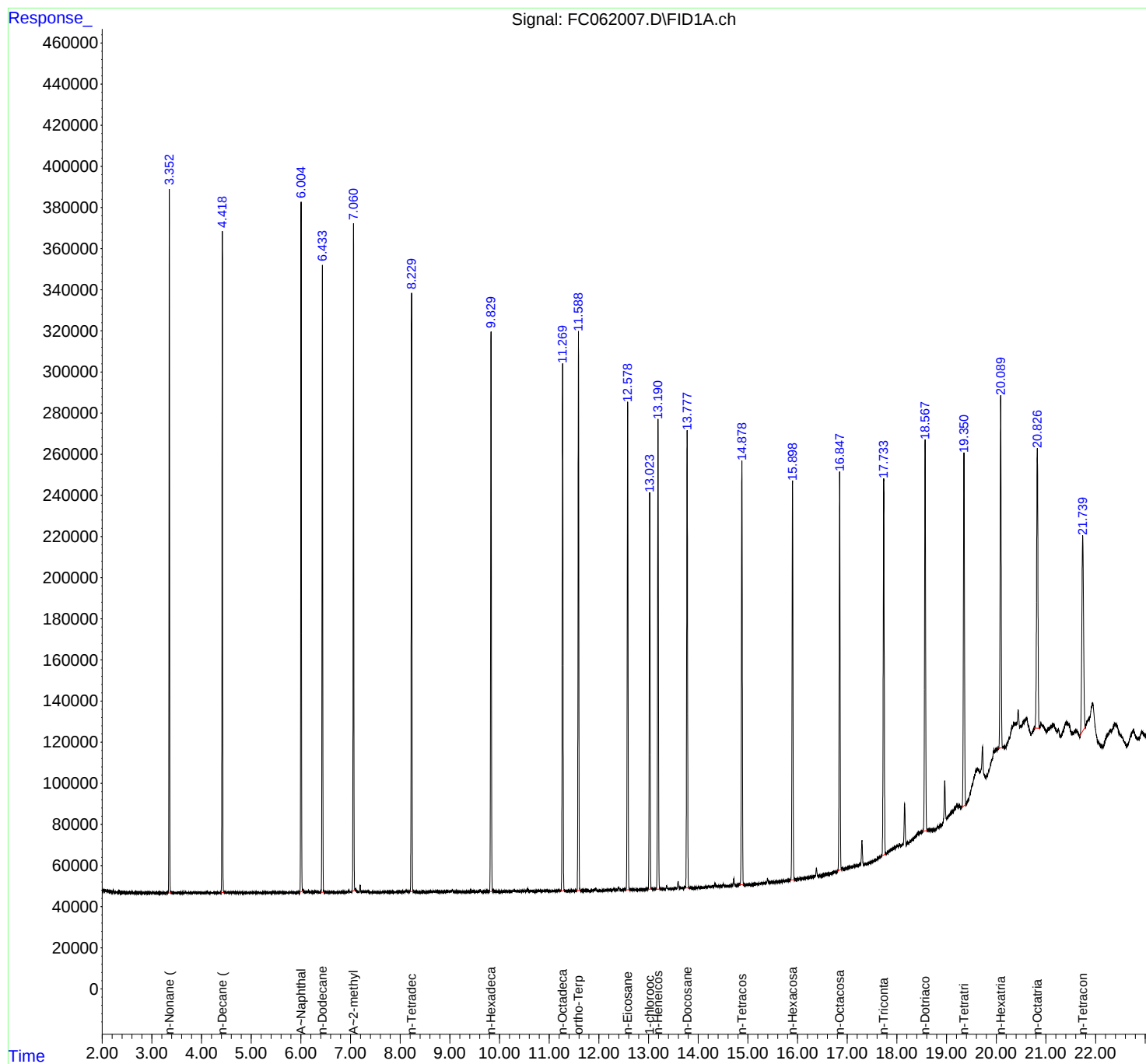
(m)=manual int.

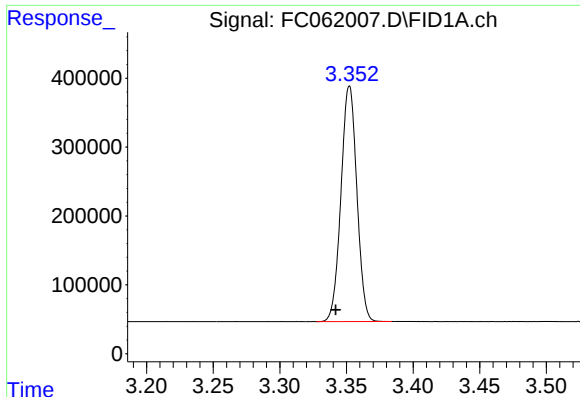
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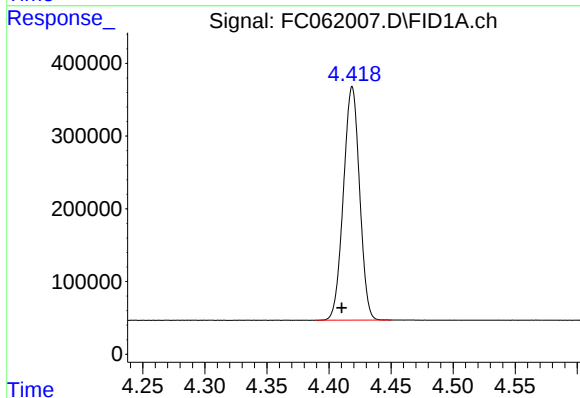




#1 n-Nonane (C9)

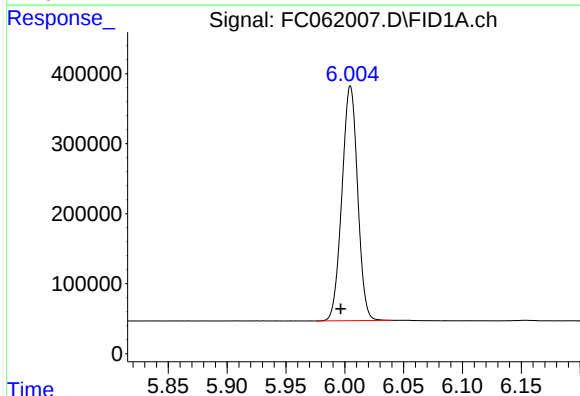
R.T.: 3.352 min
Delta R.T.: 0.010 min
Response: 2840130
Conc: 20.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



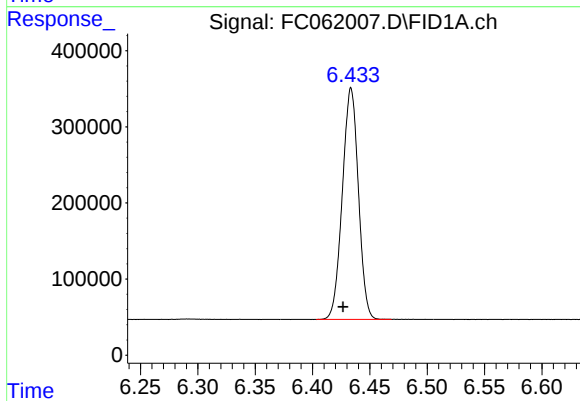
#2 n-Decane (C10)

R.T.: 4.419 min
Delta R.T.: 0.008 min
Response: 2914413
Conc: 20.42 ug/ml



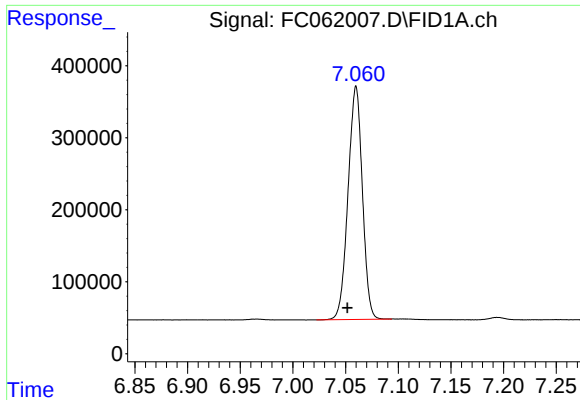
#3 A~Naphthalene (C11.7)

R.T.: 6.005 min
Delta R.T.: 0.008 min
Response: 3112922
Conc: 20.17 ug/ml



#4 n-Dodecane (C12)

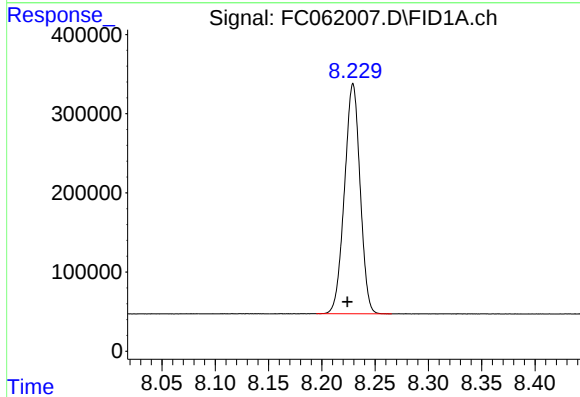
R.T.: 6.434 min
Delta R.T.: 0.007 min
Response: 2964100
Conc: 20.42 ug/ml



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

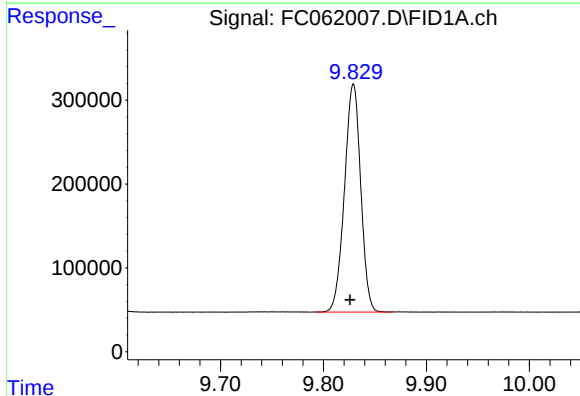
R.T.: 7.060 min
Delta R.T.: 0.008 min
Response: 3063258
Conc: 20.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



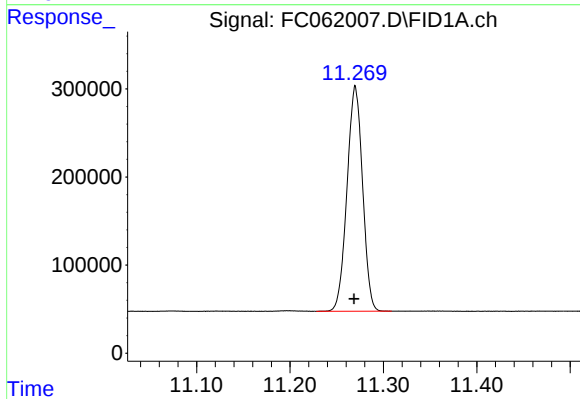
#6 n-Tetradecane (C14)

R.T.: 8.229 min
Delta R.T.: 0.005 min
Response: 2968688
Conc: 20.42 ug/ml



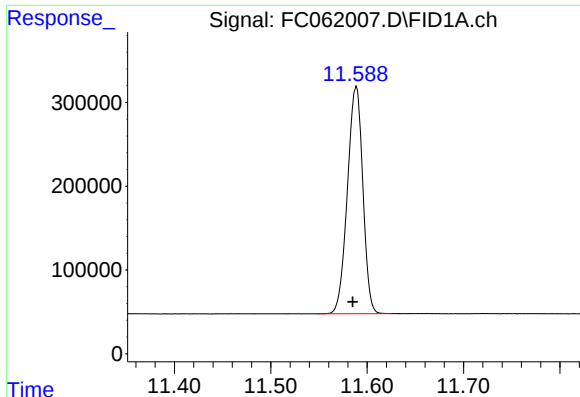
#7 n-Hexadecane (C16)

R.T.: 9.829 min
Delta R.T.: 0.003 min
Response: 2981062
Conc: 20.47 ug/ml



#8 n-Octadecane (C18)

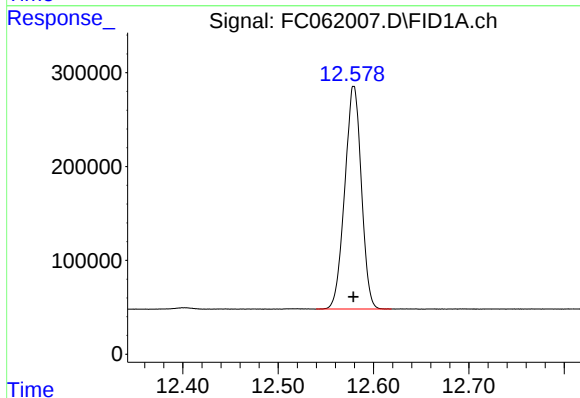
R.T.: 11.270 min
Delta R.T.: 0.001 min
Response: 2960995
Conc: 20.49 ug/ml



#9 ortho-Terphenyl (SURR)

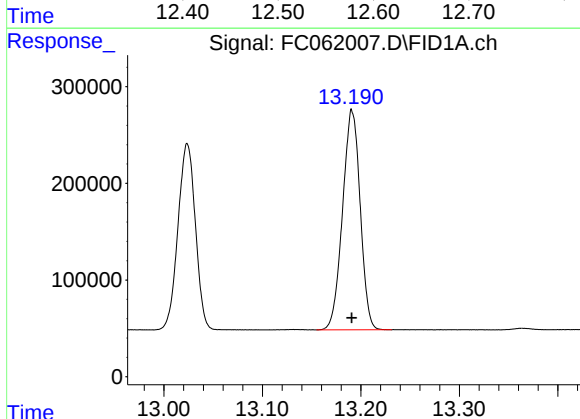
R.T.: 11.589 min
Delta R.T.: 0.003 min
Response: 3000986
Conc: 20.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



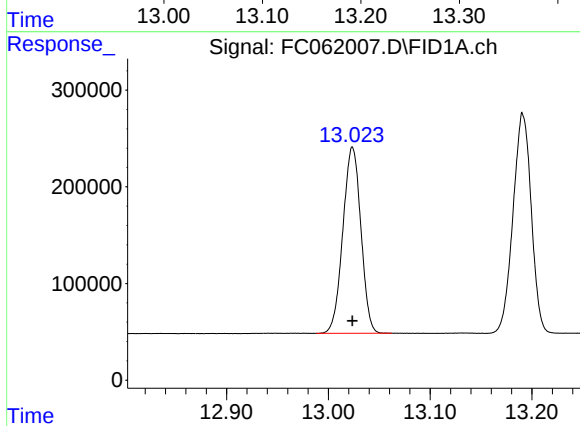
#10 n-Eicosane (C20)

R.T.: 12.579 min
Delta R.T.: 0.000 min
Response: 2876933
Conc: 20.38 ug/ml



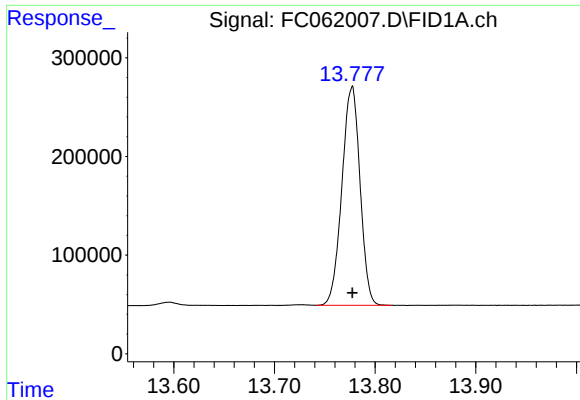
#11 n-Heneicosane (C21)

R.T.: 13.191 min
Delta R.T.: 0.000 min
Response: 2832992
Conc: 20.42 ug/ml



#12 1-chlorooctadecane (SURR)

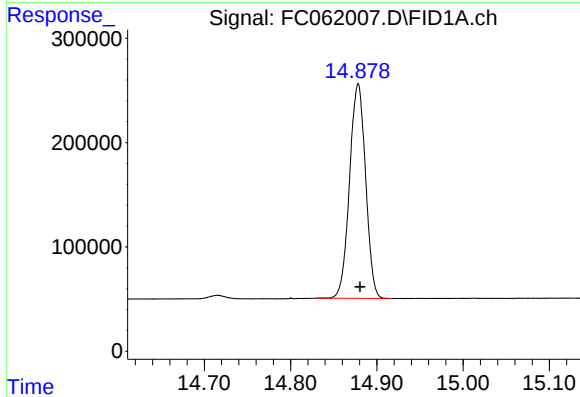
R.T.: 13.024 min
Delta R.T.: 0.000 min
Response: 2369444
Conc: 20.34 ug/ml



#13 n-Docosane (C22)

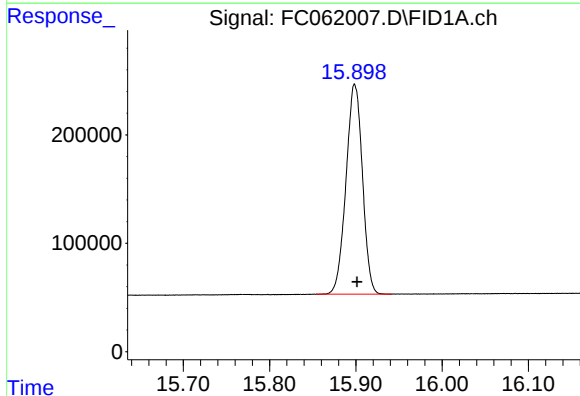
R.T.: 13.777 min
Delta R.T.: 0.000 min
Response: 2776136
Conc: 20.25 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



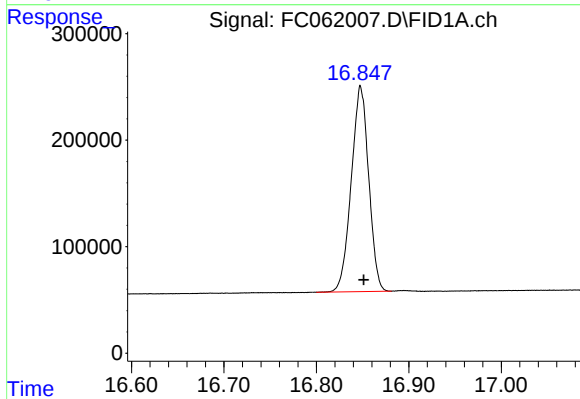
#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: -0.002 min
Response: 2660971
Conc: 20.14 ug/ml



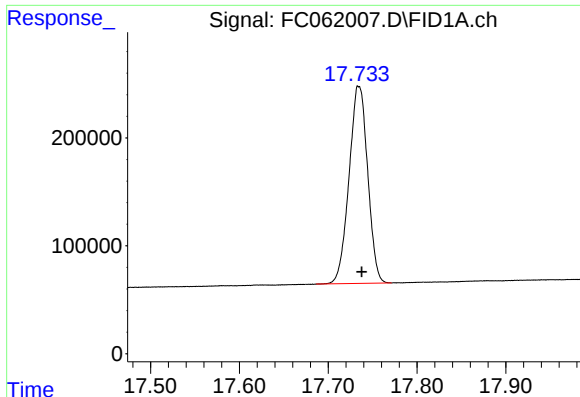
#15 n-Hexacosane (C26)

R.T.: 15.899 min
Delta R.T.: -0.003 min
Response: 2566254
Conc: 20.37 ug/ml



#16 n-Octacosane (C28)

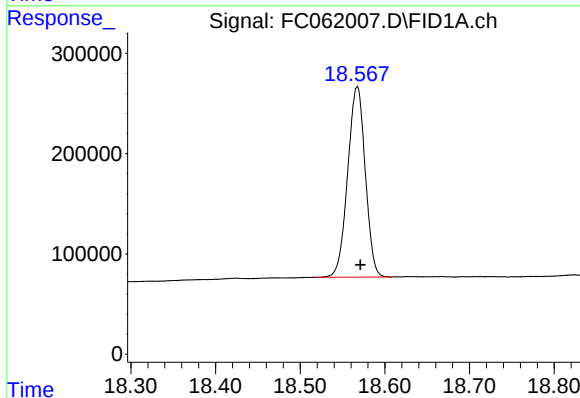
R.T.: 16.848 min
Delta R.T.: -0.003 min
Response: 2525909
Conc: 20.94 ug/ml



#17 n-Tricontane (C30)

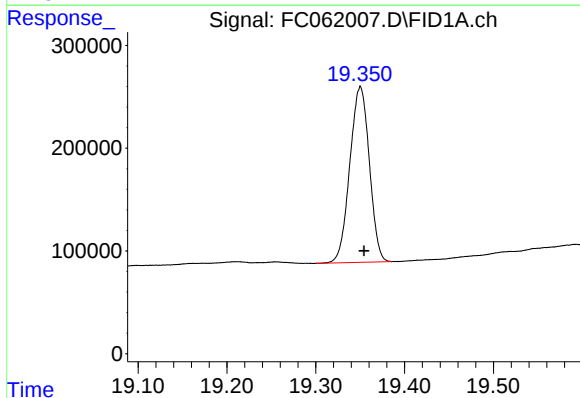
R.T.: 17.734 min
Delta R.T.: -0.004 min
Response: 2666085
Conc: 22.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



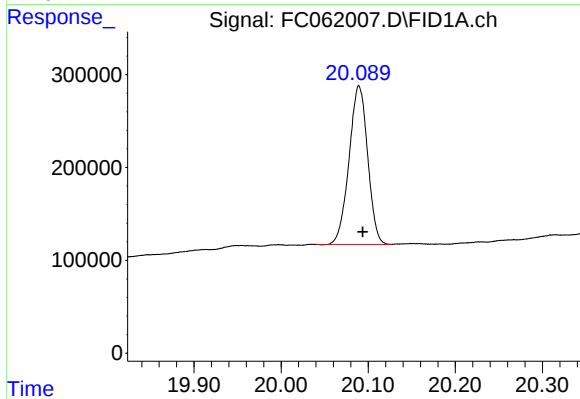
#18 n-Dotriacontane (C32)

R.T.: 18.567 min
Delta R.T.: -0.003 min
Response: 2743954
Conc: 23.29 ug/ml



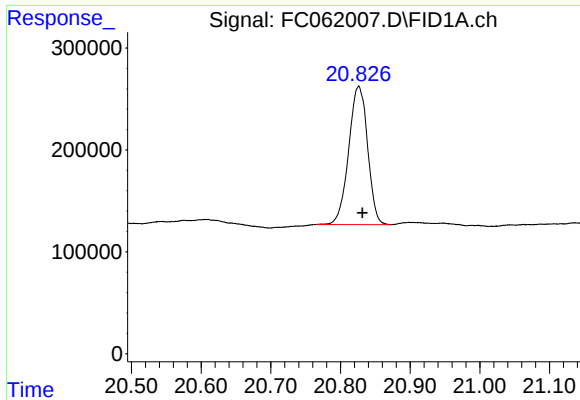
#19 n-Tetratriacontane (C34)

R.T.: 19.350 min
Delta R.T.: -0.004 min
Response: 2609658
Conc: 23.10 ug/ml



#20 n-Hexatriacontane (C36)

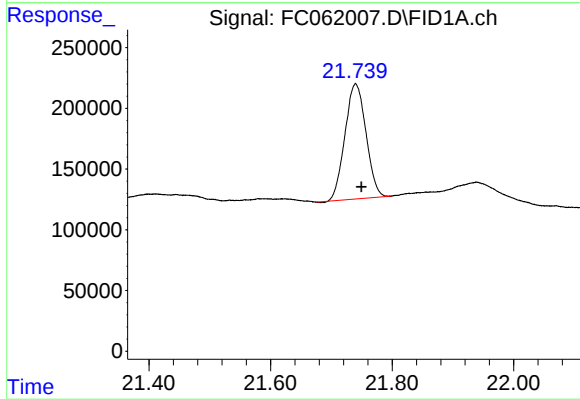
R.T.: 20.089 min
Delta R.T.: -0.004 min
Response: 2538120
Conc: 22.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.826 min
Delta R.T.: -0.005 min
Response: 2555549
Conc: 22.71 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.740 min
Delta R.T.: -0.010 min
Response: 2278358
Conc: 20.29 ug/ml