

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120122AL\
 Data File : FC062337.D
 Signal(s) : FID1A.ch
 Acq On : 01 Dec 2022 09:12
 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: sample.E
 Quant Time: Dec 01 12:29:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:12:05 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)	11.591	2666779	19.537 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
12) S 1-chlorooctadecane (S...	13.029	2056574	20.232 ug/ml
Spiked Amount 50.000		Recovery =	40.46%
Target Compounds			
1) T n-Nonane (C9)	3.341	2734694	19.648 ug/ml
2) T n-Decane (C10)	4.409	2784719	20.582 ug/ml
3) T A~Naphthalene (C11.7)	5.998	2913425	19.887 ug/ml
4) T n-Dodecane (C12)	6.433	2785921	20.854 ug/ml
5) T A~2-methylnaphthalene...	7.057	2792920	20.827 ug/ml
6) T n-Tetradecane (C14)	8.231	2716133	20.807 ug/ml
7) T n-Hexadecane (C16)	9.833	2722300	20.997 ug/ml
8) T n-Octadecane (C18)	11.274	2672078	20.926 ug/ml
10) T n-Eicosane (C20)	12.585	2582797	21.248 ug/ml
11) T n-Heneicosane (C21)	13.196	2520999	20.917 ug/ml
13) T n-Docosane (C22)	13.782	2460167	20.869 ug/ml
14) T n-Tetracosane (C24)	14.884	2368124	20.580 ug/ml
15) T n-Hexacosane (C26)	15.904	2289837	20.551 ug/ml
16) T n-Octacosane (C28)	16.854	2278131	20.778 ug/ml
17) T n-Tricontane (C30)	17.740	2451858	22.389 ug/ml
18) T n-Dotriacontane (C32)	18.572	2521356	22.829 ug/ml
19) T n-Tetratriacontane (C34)	19.352	2392544	21.882 ug/ml
20) T n-Hexatriacontane (C36)	20.091	2318492	22.122 ug/ml
21) T n-Octatriacontane (C38)	20.832	2196356	21.221 ug/ml
22) T n-Tetracontane (C40)	21.756	2093293	20.392 ug/ml

(f)=RT Delta > 1/2 Window

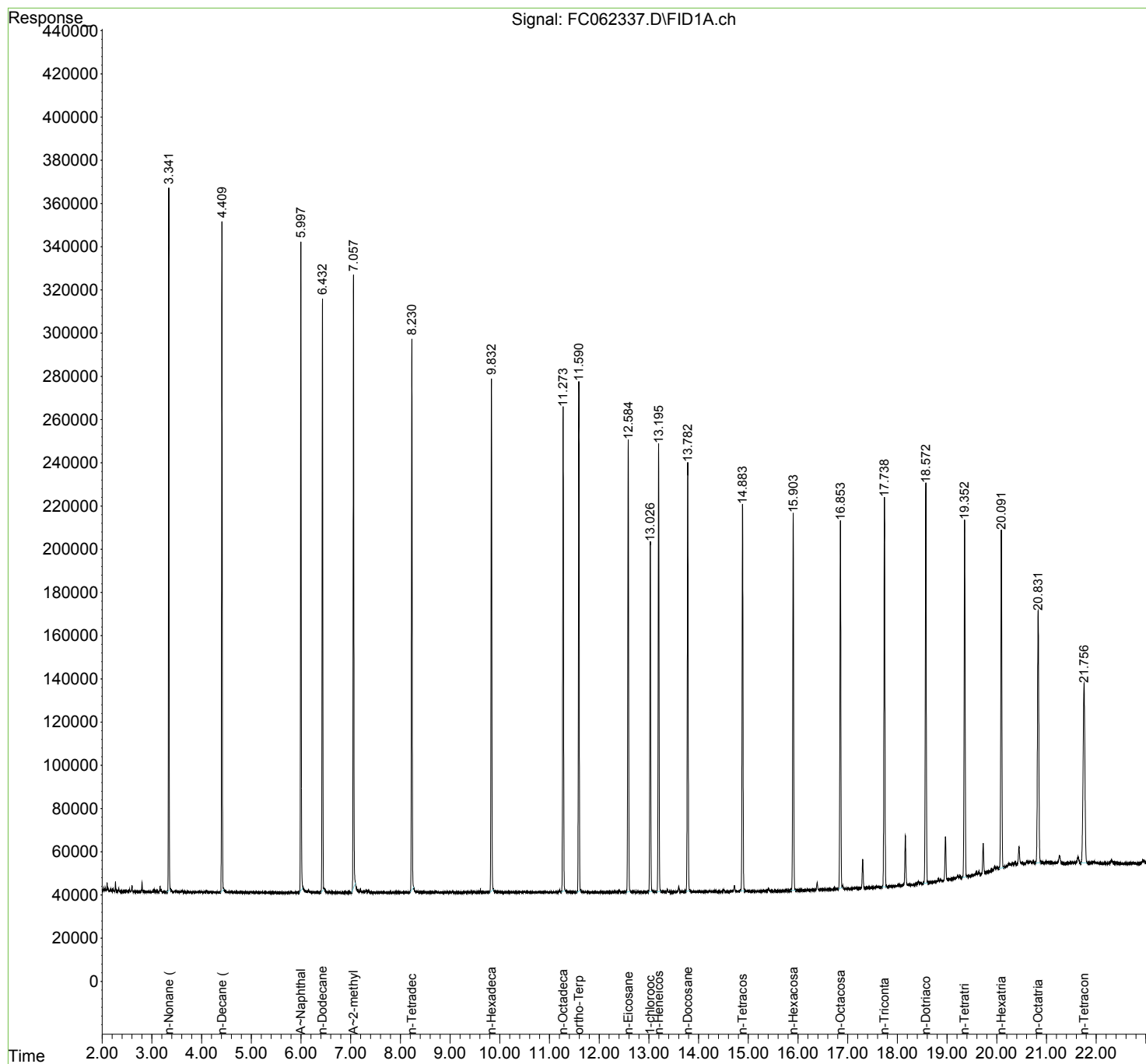
(m)=manual int.

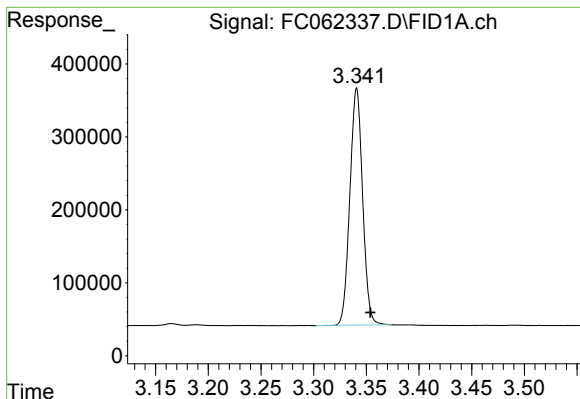
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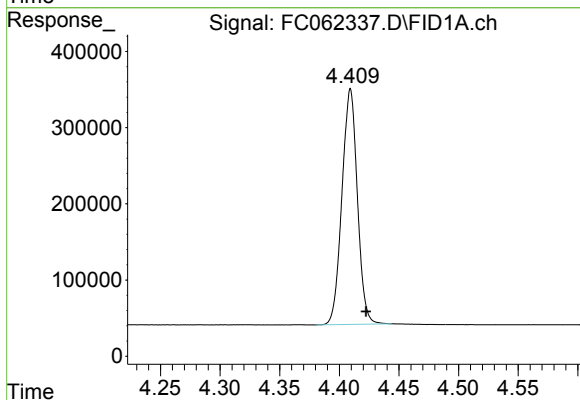




#1 n-Nonane (C9)

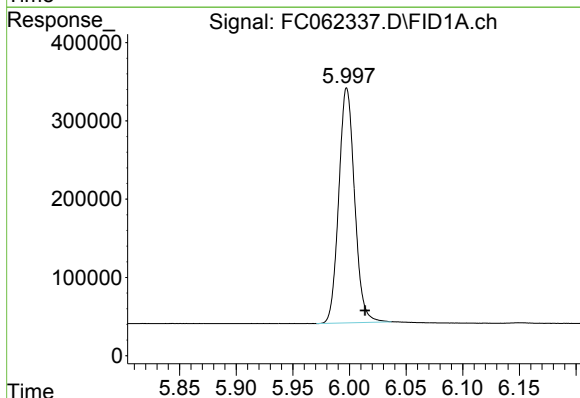
R.T.: 3.341 min
Delta R.T.: -0.013 min
Response: 2734694
Conc: 19.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



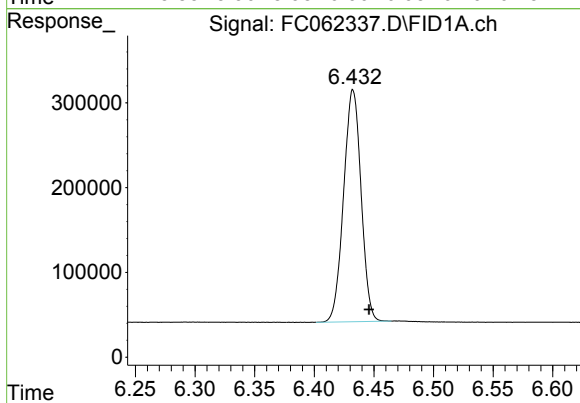
#2 n-Decane (C10)

R.T.: 4.409 min
Delta R.T.: -0.013 min
Response: 2784719
Conc: 20.58 ug/ml



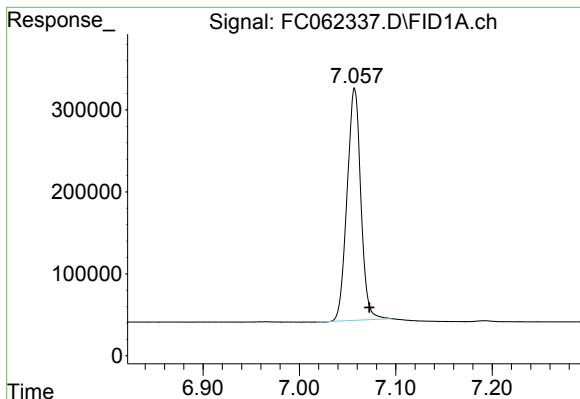
#3 A~Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: -0.016 min
Response: 2913425
Conc: 19.89 ug/ml



#4 n-Dodecane (C12)

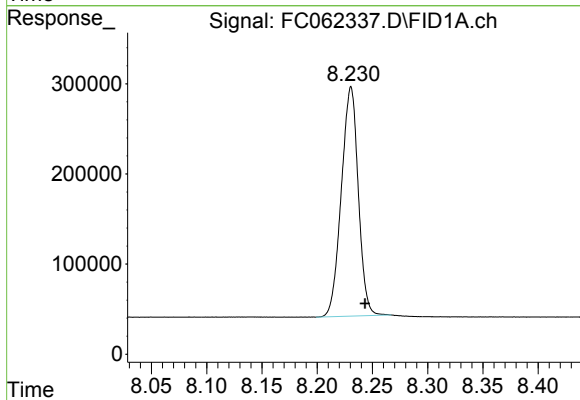
R.T.: 6.433 min
Delta R.T.: -0.013 min
Response: 2785921
Conc: 20.85 ug/ml



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

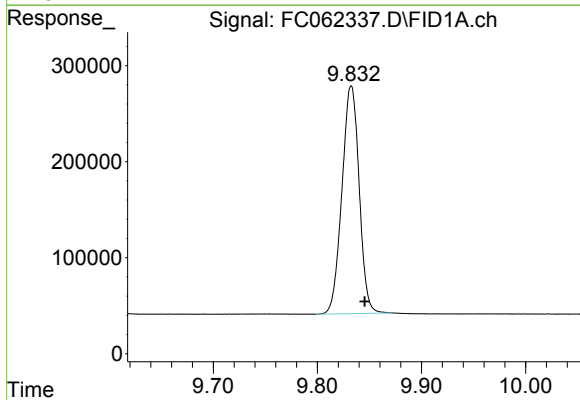
R.T.: 7.057 min
Delta R.T.: -0.016 min
Response: 2792920
Conc: 20.83 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



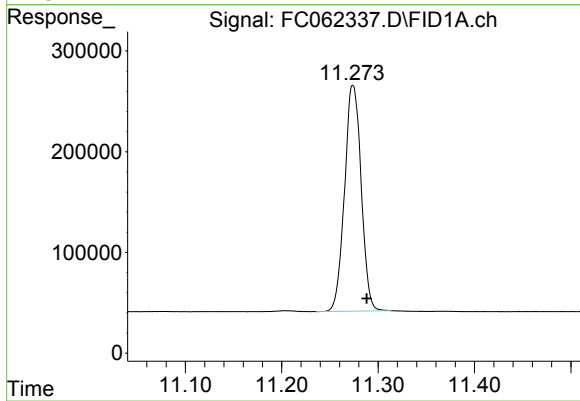
#6 n-Tetradecane (C14)

R.T.: 8.231 min
Delta R.T.: -0.013 min
Response: 2716133
Conc: 20.81 ug/ml



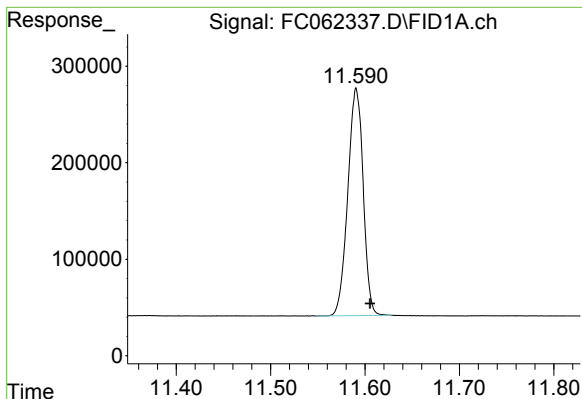
#7 n-Hexadecane (C16)

R.T.: 9.833 min
Delta R.T.: -0.013 min
Response: 2722300
Conc: 21.00 ug/ml



#8 n-Octadecane (C18)

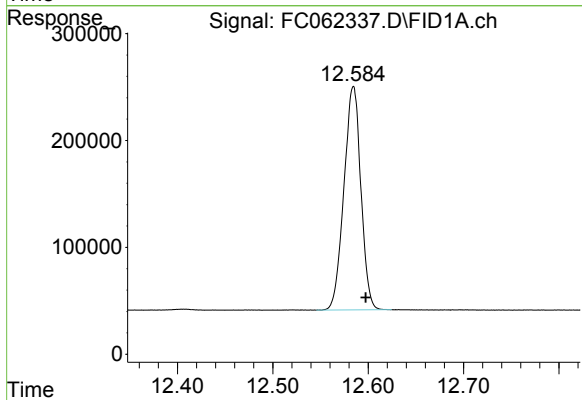
R.T.: 11.274 min
Delta R.T.: -0.014 min
Response: 2672078
Conc: 20.93 ug/ml



#9 ortho-Terphenyl (SURR)

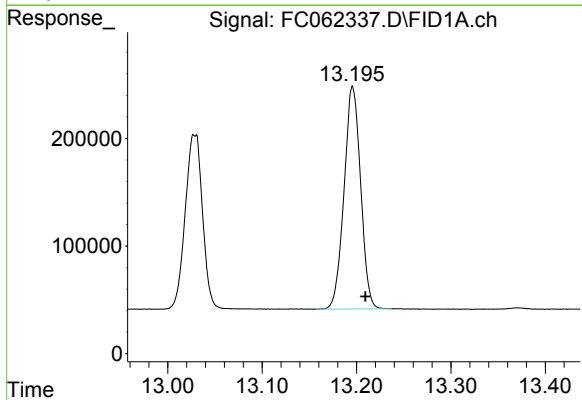
R.T.: 11.591 min
Delta R.T.: -0.015 min
Response: 2666779
Conc: 19.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



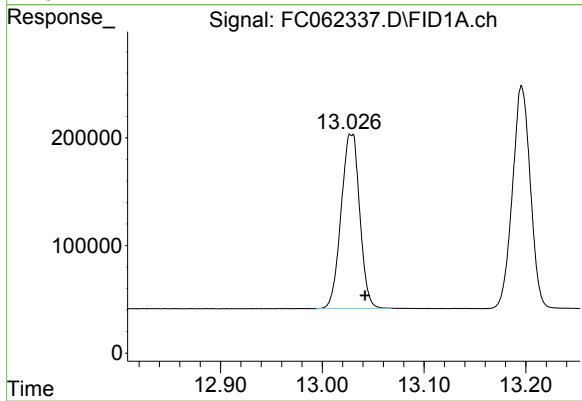
#10 n-Eicosane (C20)

R.T.: 12.585 min
Delta R.T.: -0.013 min
Response: 2582797
Conc: 21.25 ug/ml



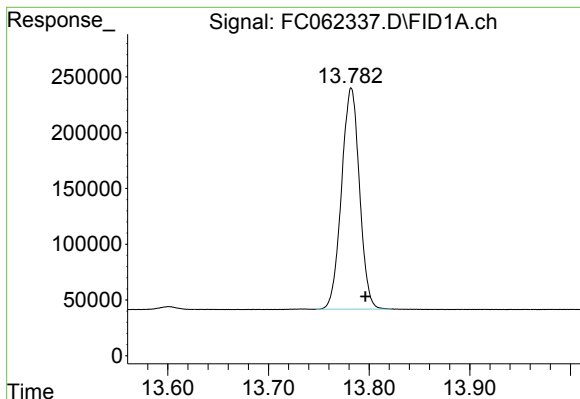
#11 n-Heneicosane (C21)

R.T.: 13.196 min
Delta R.T.: -0.014 min
Response: 2520999
Conc: 20.92 ug/ml



#12 1-chlorooctadecane (SURR)

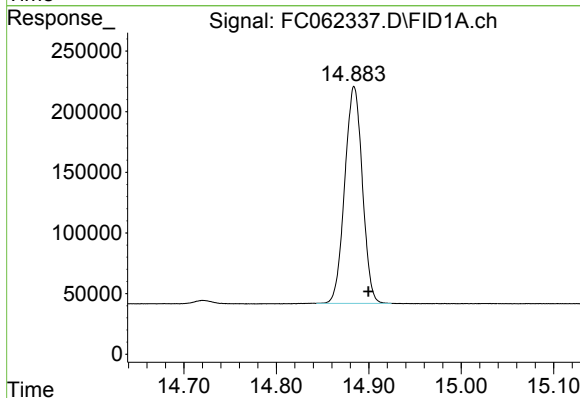
R.T.: 13.029 min
Delta R.T.: -0.013 min
Response: 2056574
Conc: 20.23 ug/ml



#13 n-Docosane (C22)

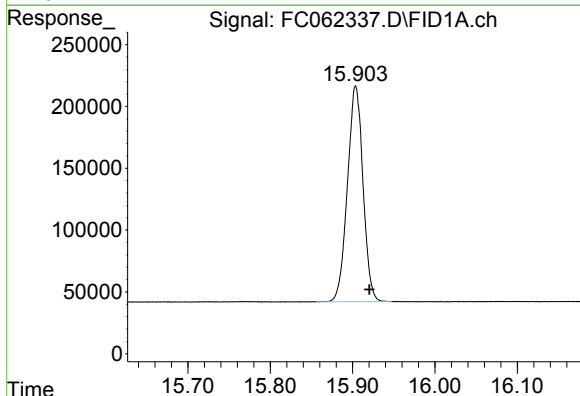
R.T.: 13.782 min
Delta R.T.: -0.014 min
Response: 2460167
Conc: 20.87 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



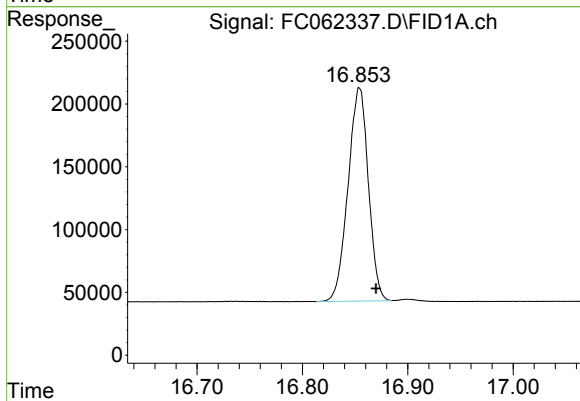
#14 n-Tetracosane (C24)

R.T.: 14.884 min
Delta R.T.: -0.015 min
Response: 2368124
Conc: 20.58 ug/ml



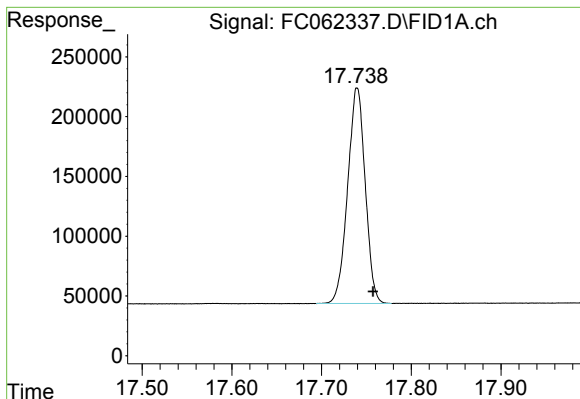
#15 n-Hexacosane (C26)

R.T.: 15.904 min
Delta R.T.: -0.017 min
Response: 2289837
Conc: 20.55 ug/ml



#16 n-Octacosane (C28)

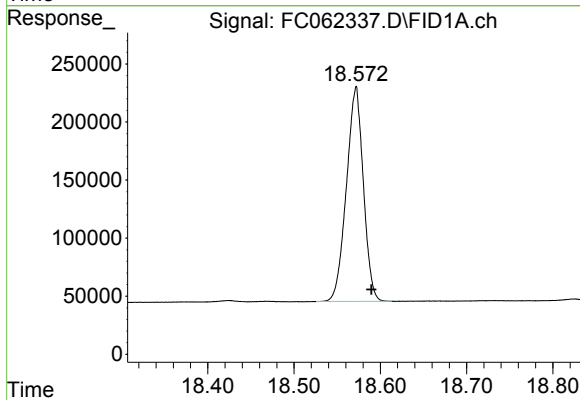
R.T.: 16.854 min
Delta R.T.: -0.016 min
Response: 2278131
Conc: 20.78 ug/ml



#17 n-Tricontane (C30)

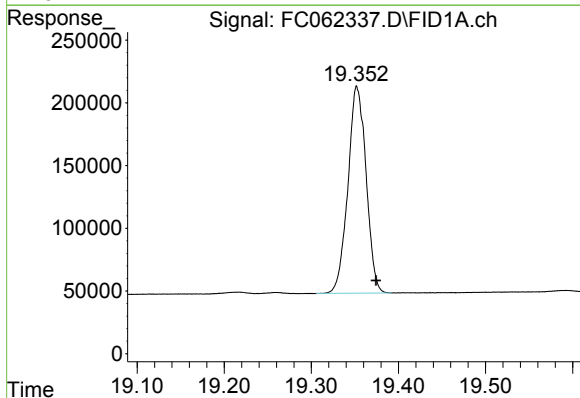
R.T.: 17.740 min
Delta R.T.: -0.018 min
Response: 2451858
Conc: 22.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



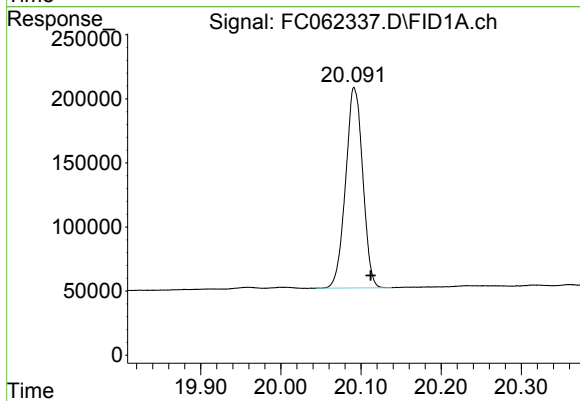
#18 n-Dotriacontane (C32)

R.T.: 18.572 min
Delta R.T.: -0.018 min
Response: 2521356
Conc: 22.83 ug/ml



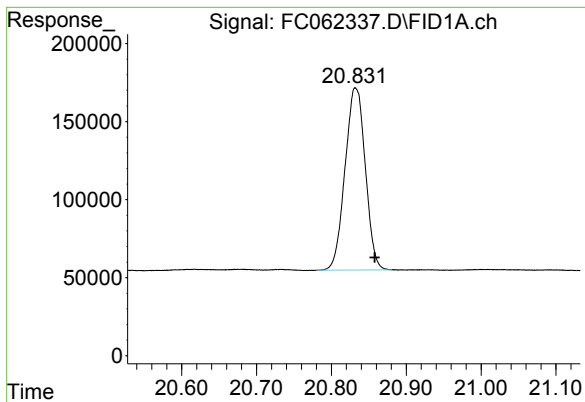
#19 n-Tetratriacontane (C34)

R.T.: 19.352 min
Delta R.T.: -0.022 min
Response: 2392544
Conc: 21.88 ug/ml



#20 n-Hexatriacontane (C36)

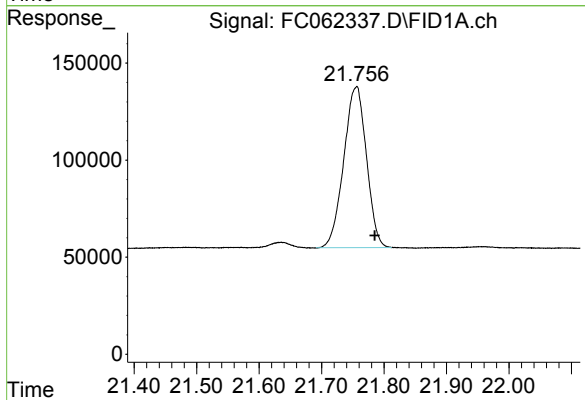
R.T.: 20.091 min
Delta R.T.: -0.021 min
Response: 2318492
Conc: 22.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.832 min
Delta R.T.: -0.026 min
Response: 2196356
Conc: 21.22 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.756 min
Delta R.T.: -0.029 min
Response: 2093293
Conc: 20.39 ug/ml