

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120122AL\
 Data File : FC062354.D
 Signal(s) : FID1A.ch
 Acq On : 02 Dec 2022 09:05
 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 02 10:03:20 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)	11.585	2434306	17.834 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
12) S 1-chlorooctadecane (S...	13.024	1807558	17.782 ug/ml
Spiked Amount 50.000		Recovery =	35.56%
Target Compounds			
1) T n-Nonane (C9)	3.338	2477640	17.801 ug/ml
2) T n-Decane (C10)	4.407	2396361	17.712 ug/ml
3) T A~Naphthalene (C11.7)	5.995	2543141	17.359 ug/ml
4) T n-Dodecane (C12)	6.430	2369635	17.738 ug/ml
5) T A~2-methylnaphthalene...	7.054	2284117	17.033 ug/ml
6) T n-Tetradecane (C14)	8.227	2296075	17.589 ug/ml
7) T n-Hexadecane (C16)	9.828	2310180	17.819 ug/ml
8) T n-Octadecane (C18)	11.271	2289034	17.927 ug/ml
10) T n-Eicosane (C20)	12.580	2185994	17.983 ug/ml
11) T n-Heneicosane (C21)	13.192	2165687	17.969 ug/ml
13) T n-Docosane (C22)	13.778	2117599	17.963 ug/ml
14) T n-Tetracosane (C24)	14.880	2076410	18.045 ug/ml
15) T n-Hexacosane (C26)	15.899	2024028	18.165 ug/ml
16) T n-Octacosane (C28)	16.849	2061116	18.798 ug/ml
17) T n-Tricontane (C30)	17.735	2298483	20.989 ug/ml
18) T n-Dotriacontane (C32)	18.564	2531240	22.918 ug/ml
19) T n-Tetratriacontane (C34)	19.346	2535197	23.187 ug/ml
20) T n-Hexatriacontane (C36)	20.086	2294676	21.895 ug/ml
21) T n-Octatriacontane (C38)	20.824	2172266	20.989 ug/ml
22) T n-Tetracontane (C40)	21.741	1981788	19.306 ug/ml

(f)=RT Delta > 1/2 Window

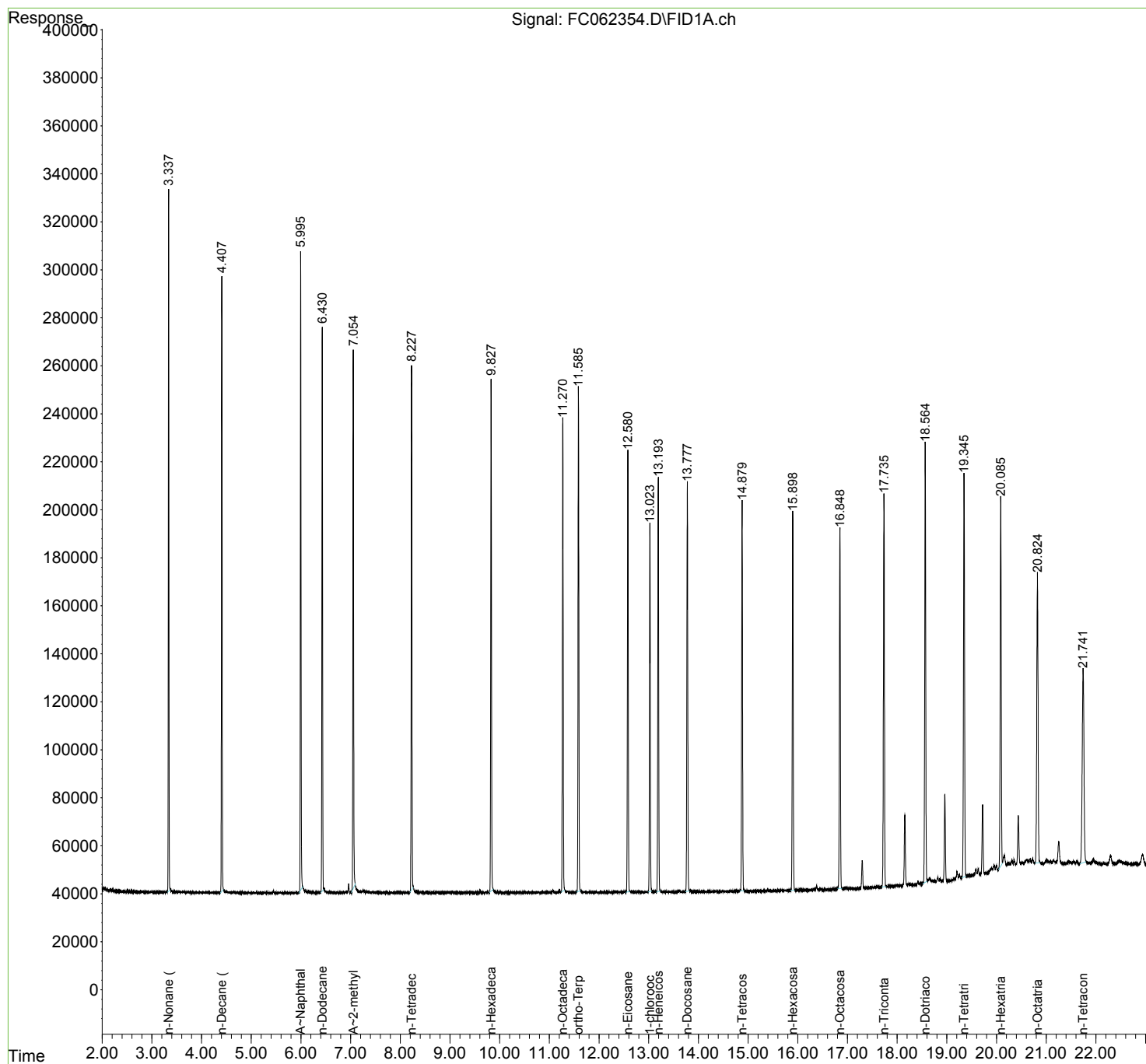
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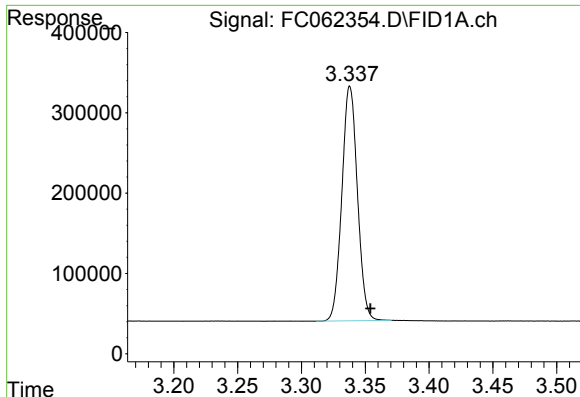
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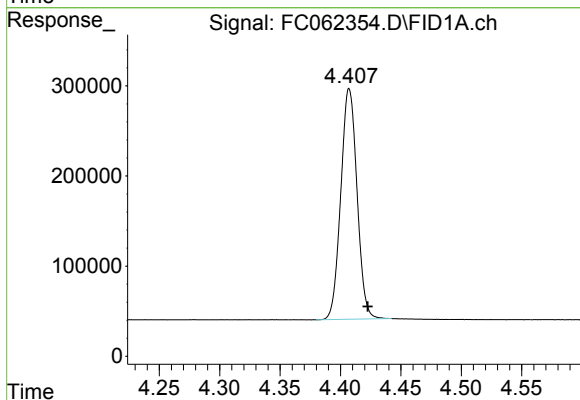




#1 n-Nonane (C9)

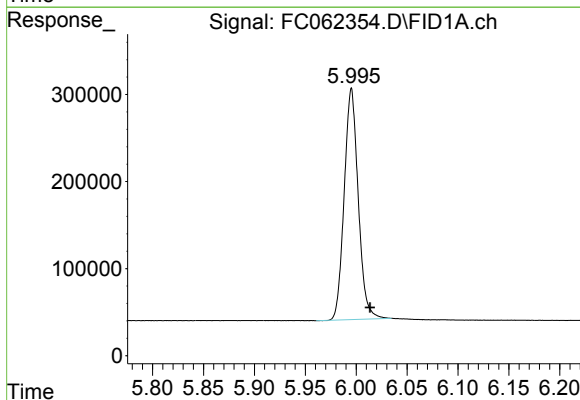
R.T.: 3.338 min
Delta R.T.: -0.016 min
Response: 2477640
Conc: 17.80 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



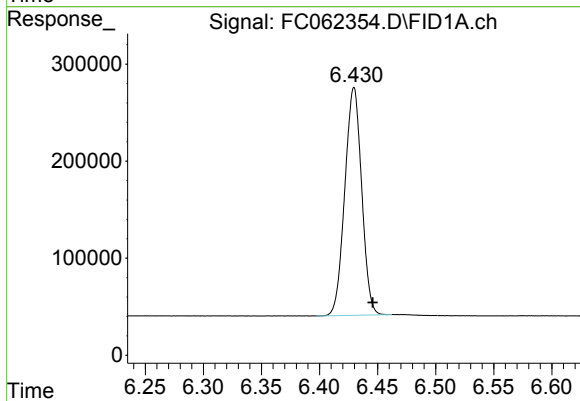
#2 n-Decane (C10)

R.T.: 4.407 min
Delta R.T.: -0.015 min
Response: 2396361
Conc: 17.71 ug/ml



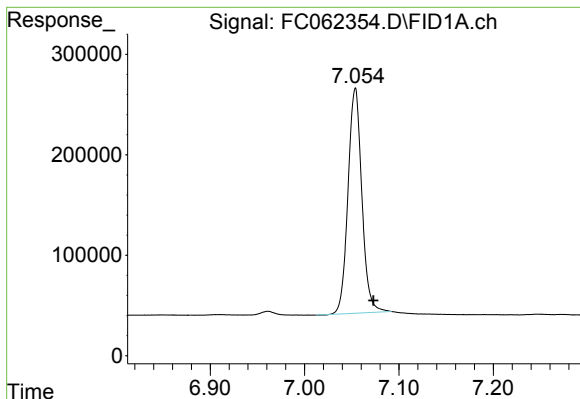
#3 A~Naphthalene (C11.7)

R.T.: 5.995 min
Delta R.T.: -0.018 min
Response: 2543141
Conc: 17.36 ug/ml



#4 n-Dodecane (C12)

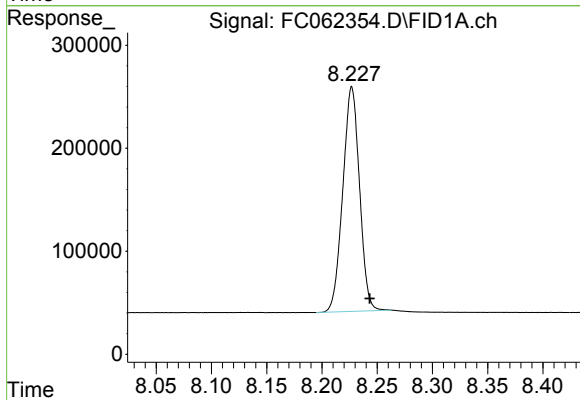
R.T.: 6.430 min
Delta R.T.: -0.016 min
Response: 2369635
Conc: 17.74 ug/ml



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

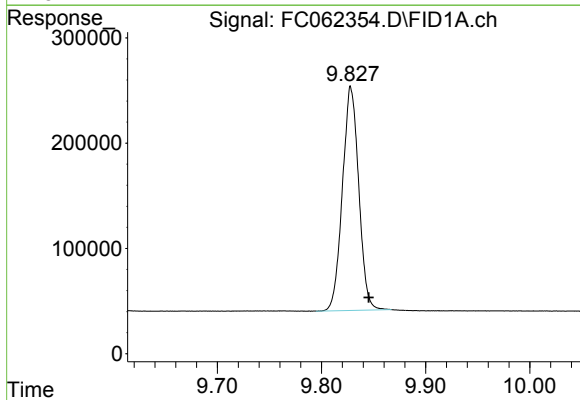
R.T.: 7.054 min
Delta R.T.: -0.019 min
Response: 2284117
Conc: 17.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



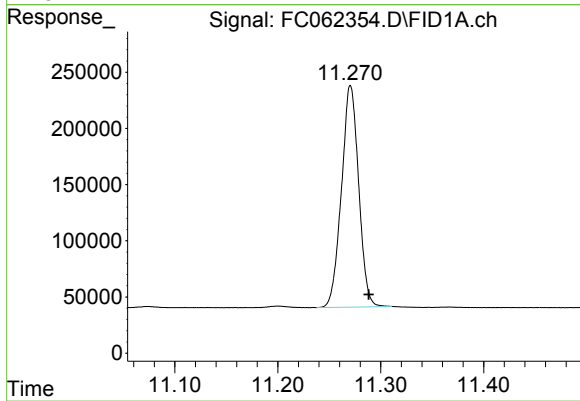
#6 n-Tetradecane (C14)

R.T.: 8.227 min
Delta R.T.: -0.016 min
Response: 2296075
Conc: 17.59 ug/ml



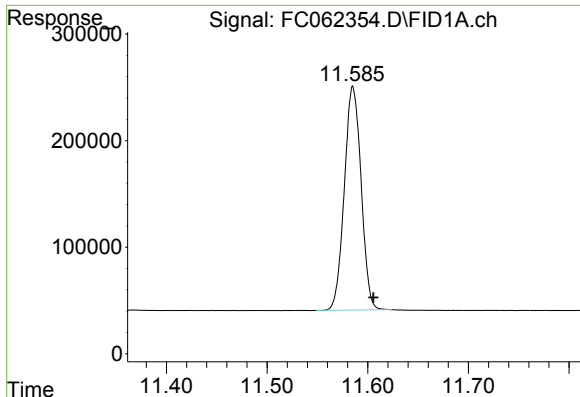
#7 n-Hexadecane (C16)

R.T.: 9.828 min
Delta R.T.: -0.017 min
Response: 2310180
Conc: 17.82 ug/ml



#8 n-Octadecane (C18)

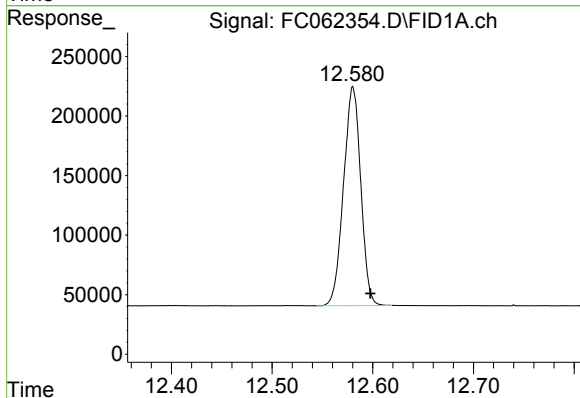
R.T.: 11.271 min
Delta R.T.: -0.018 min
Response: 2289034
Conc: 17.93 ug/ml



#9 ortho-Terphenyl (SURR)

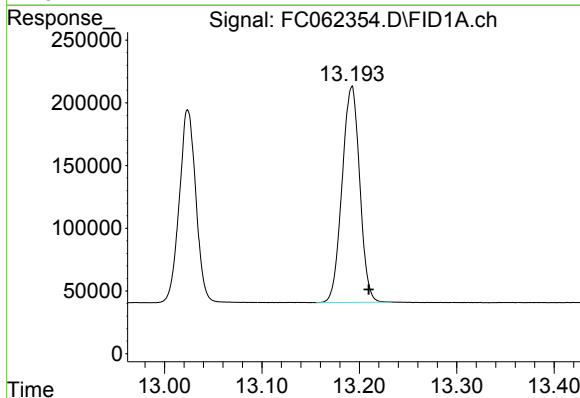
R.T.: 11.585 min
Delta R.T.: -0.020 min
Response: 2434306
Conc: 17.83 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



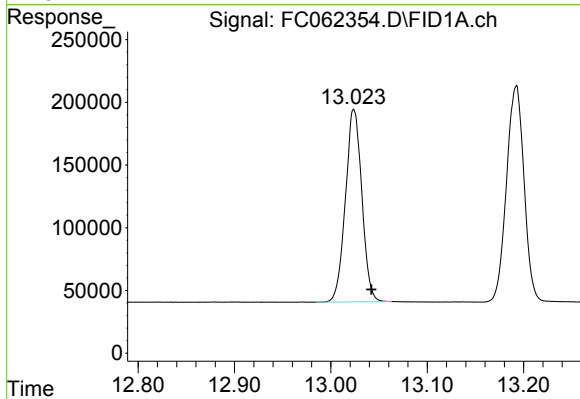
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: -0.017 min
Response: 2185994
Conc: 17.98 ug/ml



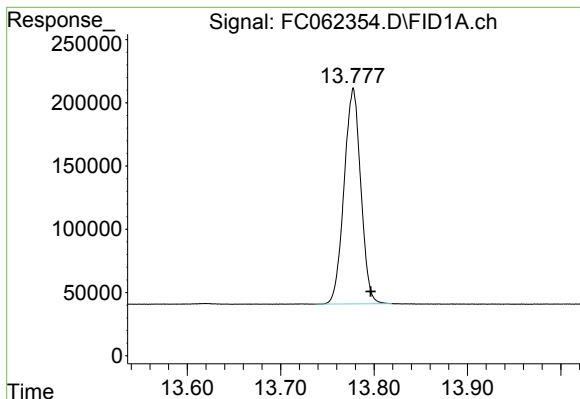
#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: -0.017 min
Response: 2165687
Conc: 17.97 ug/ml



#12 1-chlorooctadecane (SURR)

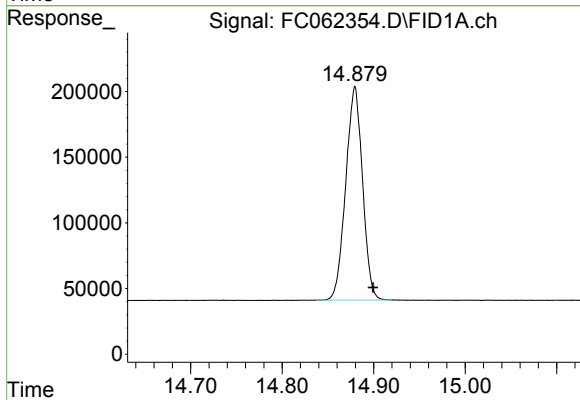
R.T.: 13.024 min
Delta R.T.: -0.018 min
Response: 1807558
Conc: 17.78 ug/ml



#13 n-Docosane (C22)

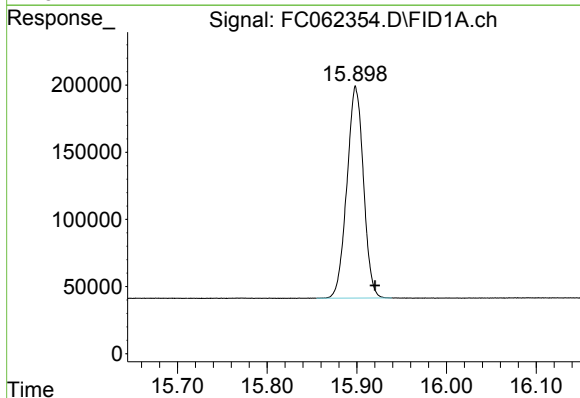
R.T.: 13.778 min
Delta R.T.: -0.019 min
Response: 2117599
Conc: 17.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



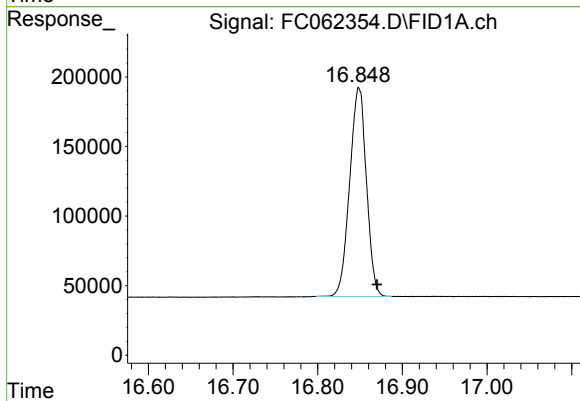
#14 n-Tetracosane (C24)

R.T.: 14.880 min
Delta R.T.: -0.020 min
Response: 2076410
Conc: 18.05 ug/ml



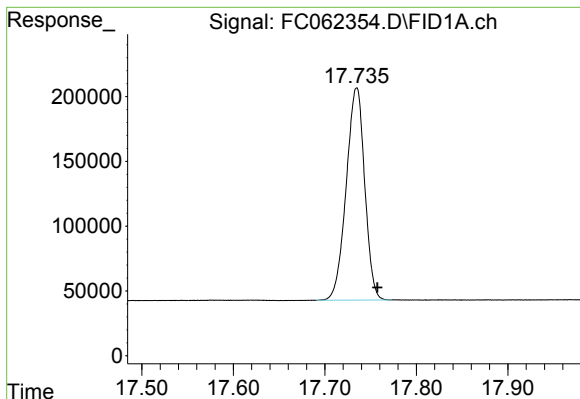
#15 n-Hexacosane (C26)

R.T.: 15.899 min
Delta R.T.: -0.022 min
Response: 2024028
Conc: 18.17 ug/ml



#16 n-Octacosane (C28)

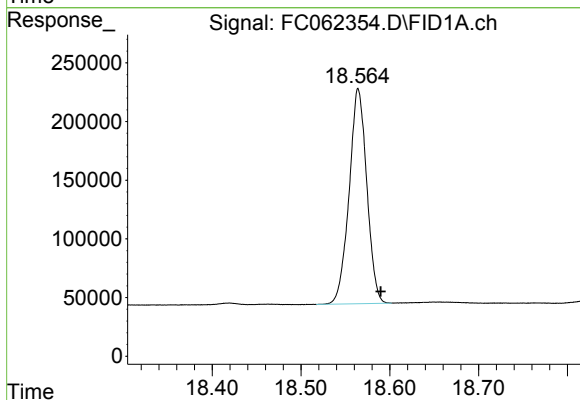
R.T.: 16.849 min
Delta R.T.: -0.021 min
Response: 2061116
Conc: 18.80 ug/ml



#17 n-Tricontane (C30)

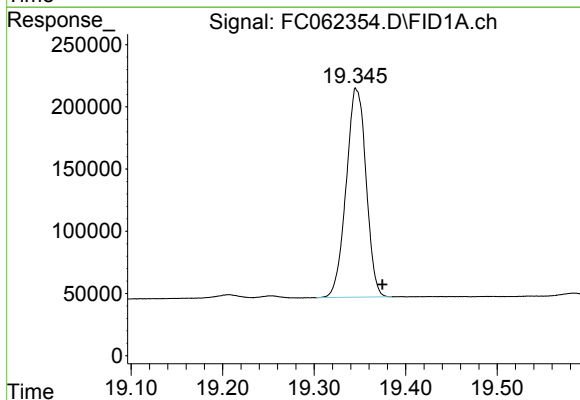
R.T.: 17.735 min
Delta R.T.: -0.023 min
Response: 2298483
Conc: 20.99 ug/ml

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FID_C
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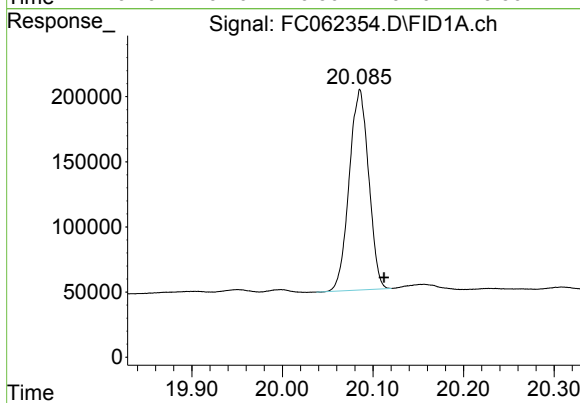
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: -0.025 min
Response: 2531240
Conc: 22.92 ug/ml



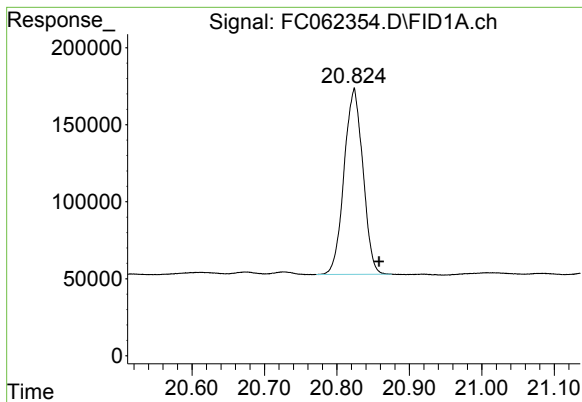
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min
Delta R.T.: -0.029 min
Response: 2535197
Conc: 23.19 ug/ml



#20 n-Hexatriacontane (C36)

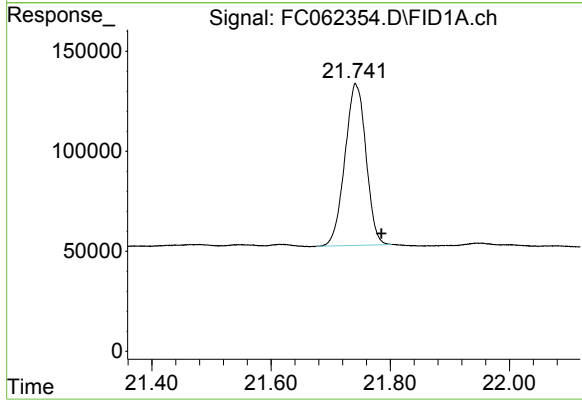
R.T.: 20.086 min
Delta R.T.: -0.027 min
Response: 2294676
Conc: 21.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.824 min
Delta R.T.: -0.034 min
Response: 2172266
Conc: 20.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.741 min
Delta R.T.: -0.044 min
Response: 1981788
Conc: 19.31 ug/ml