

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100821AL\
 Data File : FC056064.D
 Signal(s) : FID1A.CH
 Acq On : 08 Oct 2021 16:46
 Operator : AJ\MA
 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: Oct 09 03:03:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.643	2228483	18.780 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
12) S 1-chlorooctadecane (S...	13.075	1720647	18.729 ug/ml
Spiked Amount 50.000		Recovery =	37.46%
Target Compounds			
1) T n-Nonane (C9)	3.390	2300423	21.557 ug/ml
2) T n-Decane (C10)	4.460	2328300	21.781 ug/ml
3) T A~Naphthalene (C11.7)	6.054	2512992	20.886 ug/ml
4) T n-Dodecane (C12)	6.481	2311522	21.296 ug/ml
5) T A~2-methylnaphthalene...	7.113	2476259	20.385 ug/ml
6) T n-Tetradecane (C14)	8.277	2265371	20.476 ug/ml
7) T n-Hexadecane (C16)	9.879	2197747	19.855 ug/ml
8) T n-Octadecane (C18)	11.321	2173634	19.421 ug/ml
10) T n-Eicosane (C20)	12.629	2079151	19.035 ug/ml
11) T n-Heneicosane (C21)	13.241	2060135	18.948 ug/ml
13) T n-Docosane (C22)	13.825	2018919	18.904 ug/ml
14) T n-Tetracosane (C24)	14.927	1998362	19.111 ug/ml
15) T n-Hexacosane (C26)	15.946	1963933	19.547 ug/ml
16) T n-Octacosane (C28)	16.894	1969245	20.358 ug/ml
17) T n-Tricontane (C30)	17.779	2008519	21.647 ug/ml
18) T n-Dotriacontane (C32)	18.610	2012623	22.637 ug/ml
19) T n-Tetratriacontane (C34)	19.390	1980452	22.898 ug/ml
20) T n-Hexatriacontane (C36)	20.127	1914405	23.432 ug/ml
21) T n-Octatriacontane (C38)	20.871	1861830	23.364 ug/ml
22) T n-Tetracontane (C40)	21.796	1838684	22.937 ug/ml

(f)=RT Delta > 1/2 Window

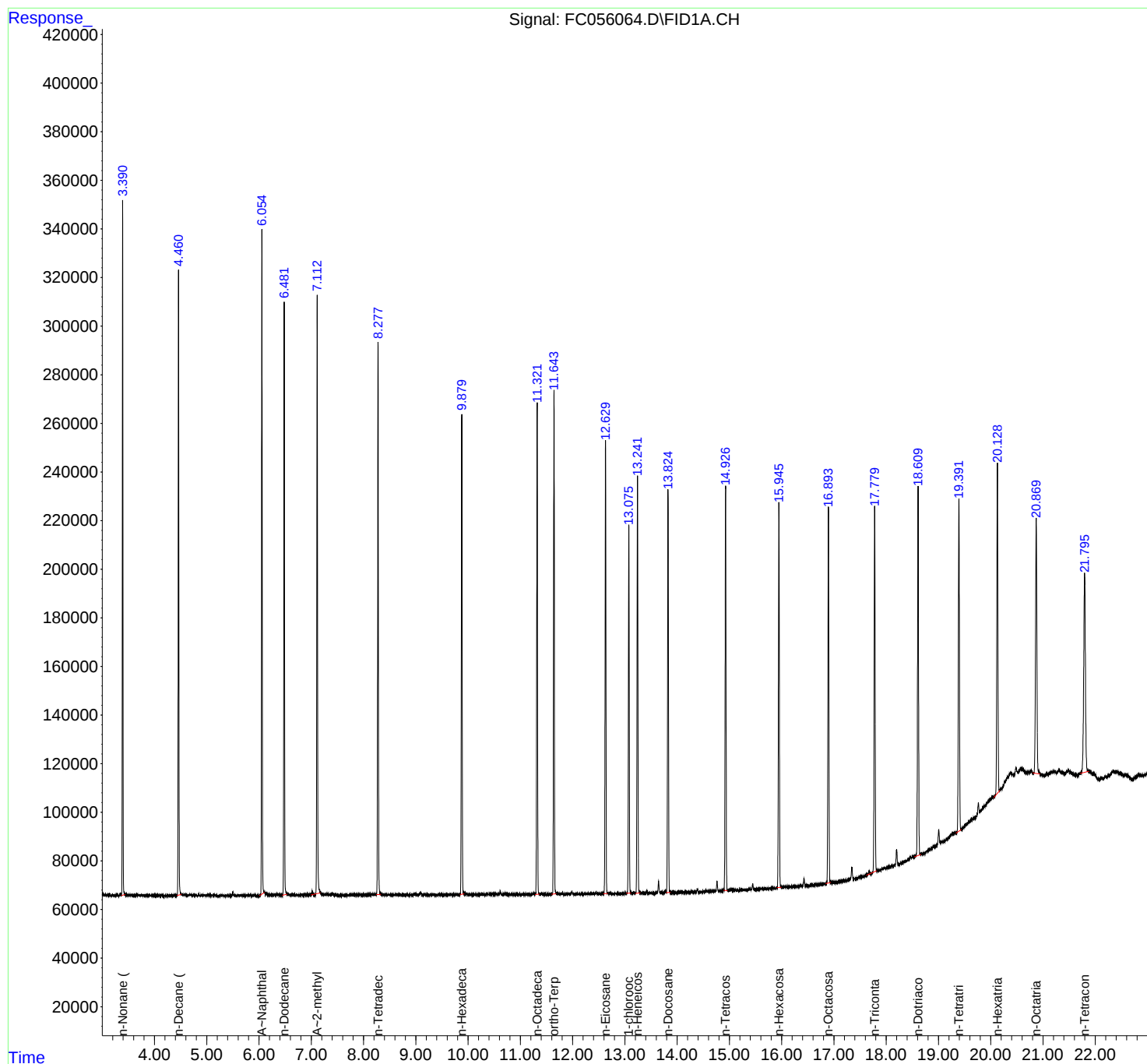
(m)=manual int.

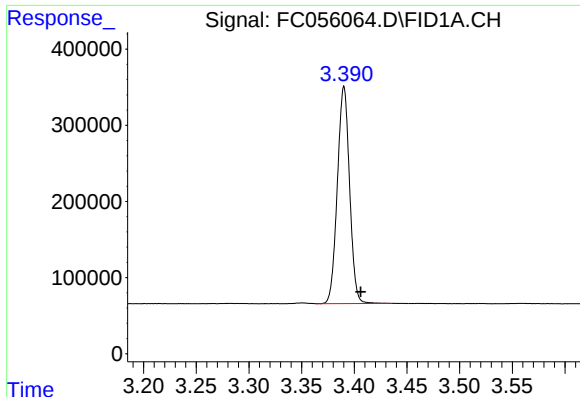
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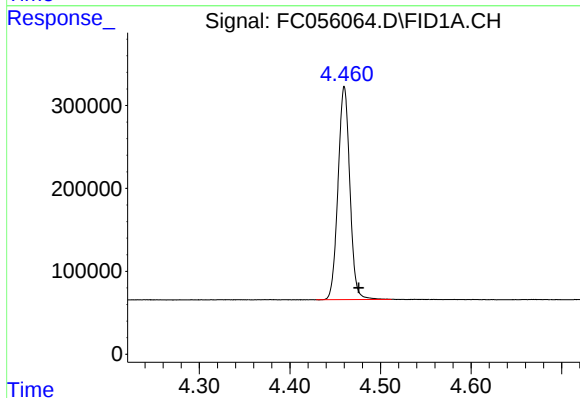




#1 n-Nonane (C9)

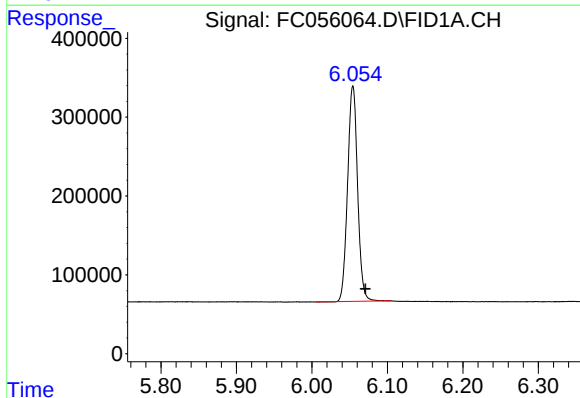
R.T.: 3.390 min
Delta R.T.: -0.016 min
Response: 2300423
Conc: 21.56 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



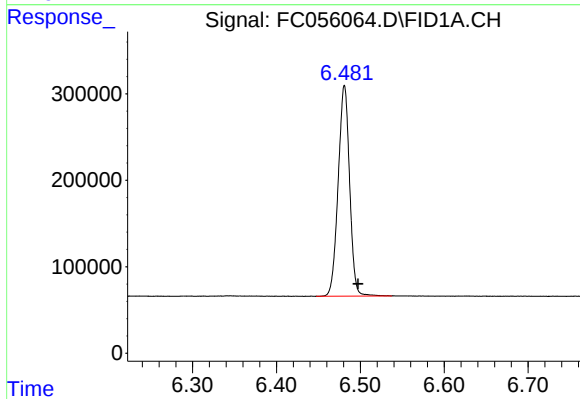
#2 n-Decane (C10)

R.T.: 4.460 min
Delta R.T.: -0.016 min
Response: 2328300
Conc: 21.78 ug/ml



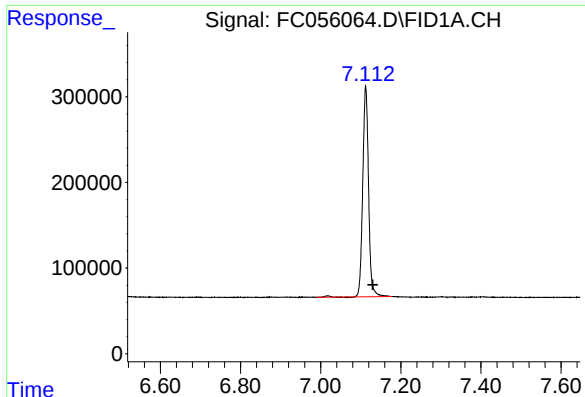
#3 A~Naphthalene (C11.7)

R.T.: 6.054 min
Delta R.T.: -0.017 min
Response: 2512992
Conc: 20.89 ug/ml



#4 n-Dodecane (C12)

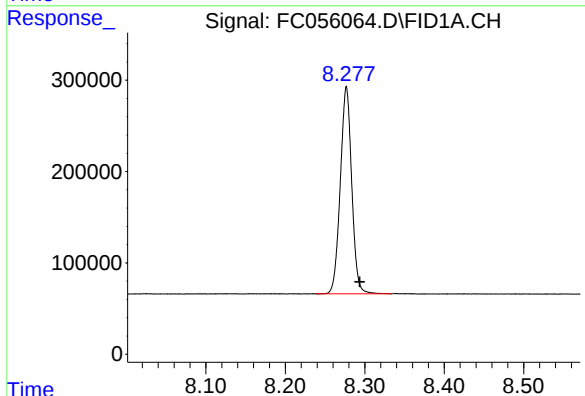
R.T.: 6.481 min
Delta R.T.: -0.016 min
Response: 2311522
Conc: 21.30 ug/ml



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

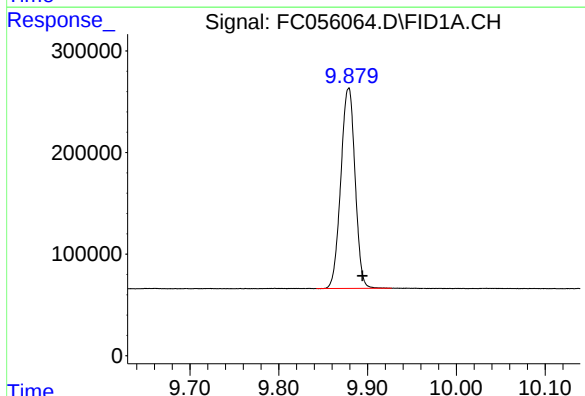
R.T.: 7.113 min
Delta R.T.: -0.018 min
Response: 2476259
Conc: 20.39 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



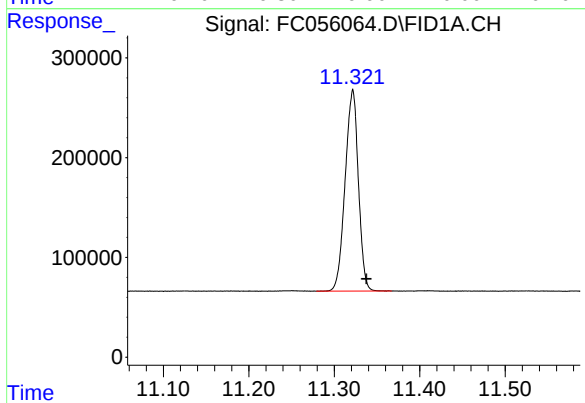
#6 n-Tetradecane (C14)

R.T.: 8.277 min
Delta R.T.: -0.017 min
Response: 2265371
Conc: 20.48 ug/ml



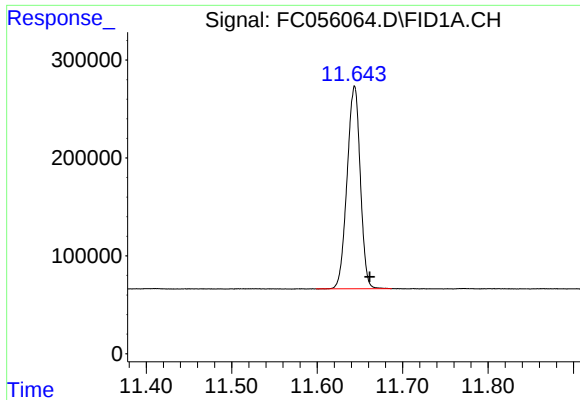
#7 n-Hexadecane (C16)

R.T.: 9.879 min
Delta R.T.: -0.016 min
Response: 2197747
Conc: 19.85 ug/ml



#8 n-Octadecane (C18)

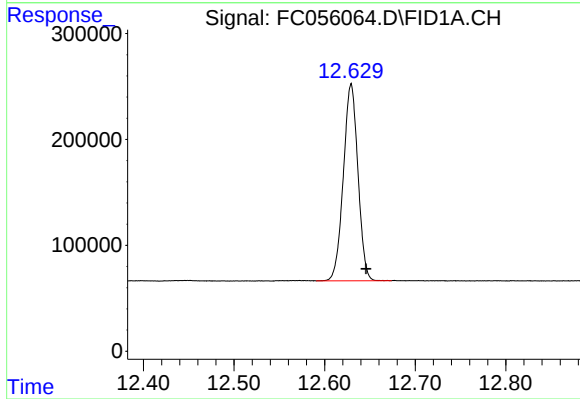
R.T.: 11.321 min
Delta R.T.: -0.016 min
Response: 2173634
Conc: 19.42 ug/ml



#9 ortho-Terphenyl (SURR)

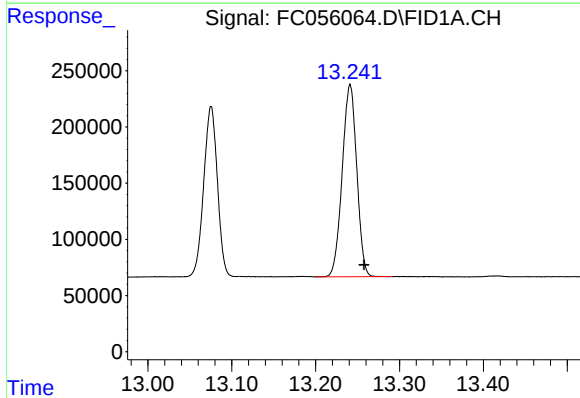
R.T.: 11.643 min
Delta R.T.: -0.018 min
Response: 2228483
Conc: 18.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



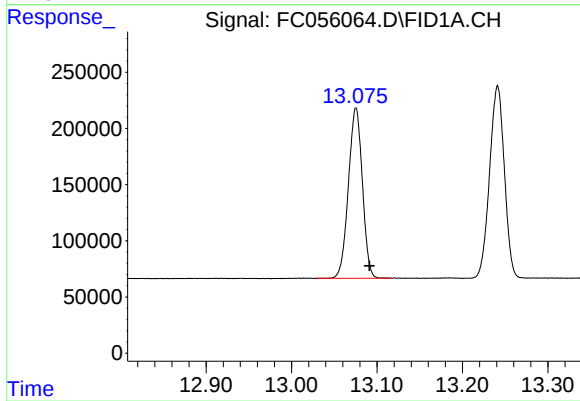
#10 n-Eicosane (C20)

R.T.: 12.629 min
Delta R.T.: -0.017 min
Response: 2079151
Conc: 19.04 ug/ml



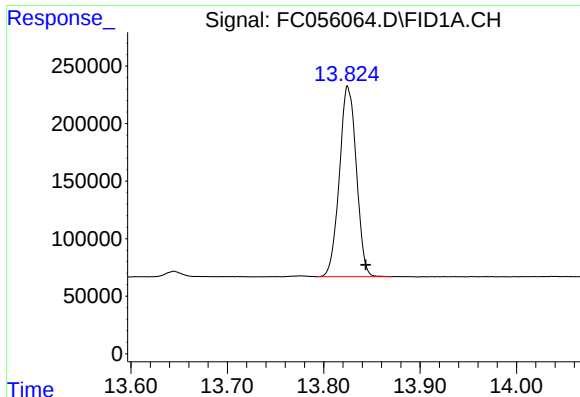
#11 n-Heneicosane (C21)

R.T.: 13.241 min
Delta R.T.: -0.017 min
Response: 2060135
Conc: 18.95 ug/ml



#12 1-chlorooctadecane (SURR)

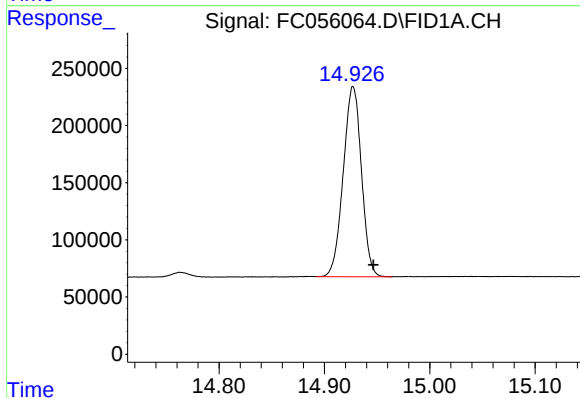
R.T.: 13.075 min
Delta R.T.: -0.016 min
Response: 1720647
Conc: 18.73 ug/ml



#13 n-Docosane (C22)

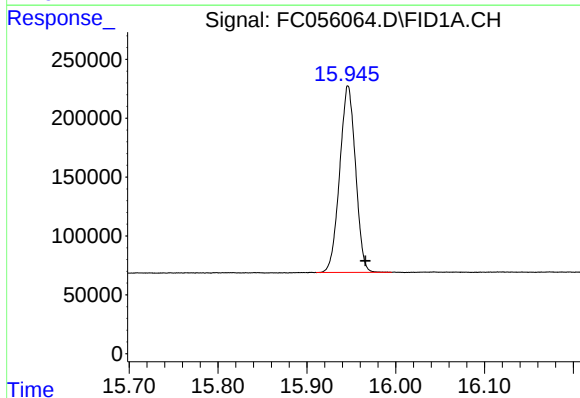
R.T.: 13.825 min
Delta R.T.: -0.018 min
Response: 2018919
Conc: 18.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



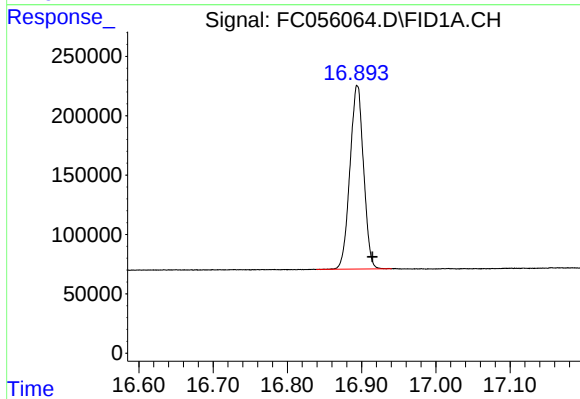
#14 n-Tetracosane (C24)

R.T.: 14.927 min
Delta R.T.: -0.019 min
Response: 1998362
Conc: 19.11 ug/ml



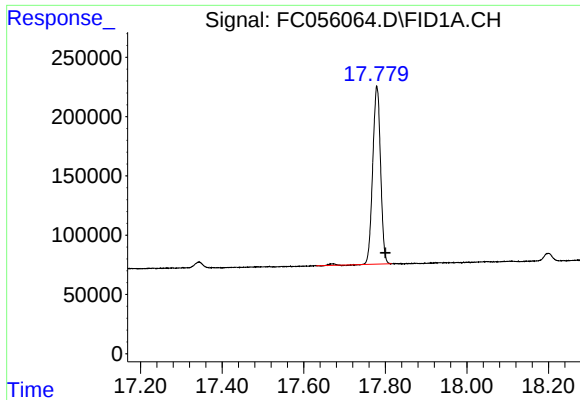
#15 n-Hexacosane (C26)

R.T.: 15.946 min
Delta R.T.: -0.020 min
Response: 1963933
Conc: 19.55 ug/ml



#16 n-Octacosane (C28)

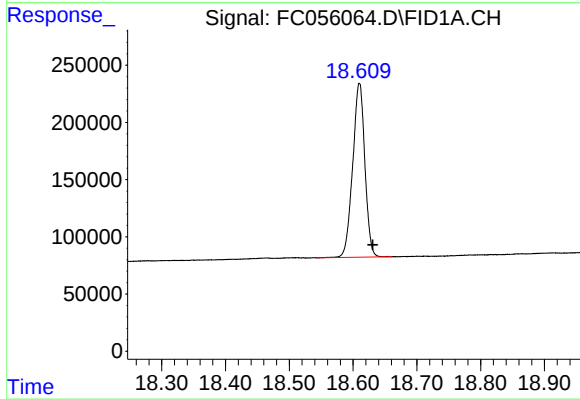
R.T.: 16.894 min
Delta R.T.: -0.020 min
Response: 1969245
Conc: 20.36 ug/ml



#17 n-Tricontane (C30)

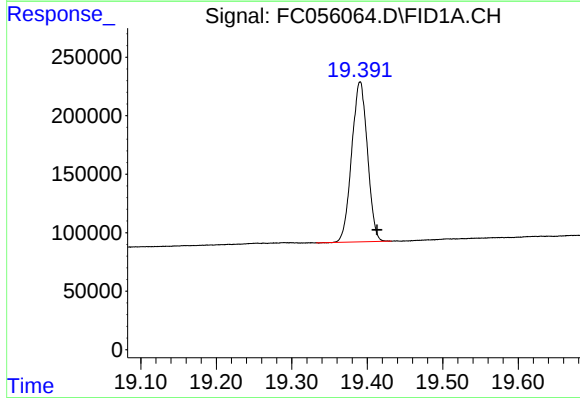
R.T.: 17.779 min
Delta R.T.: -0.021 min
Response: 2008519
Conc: 21.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



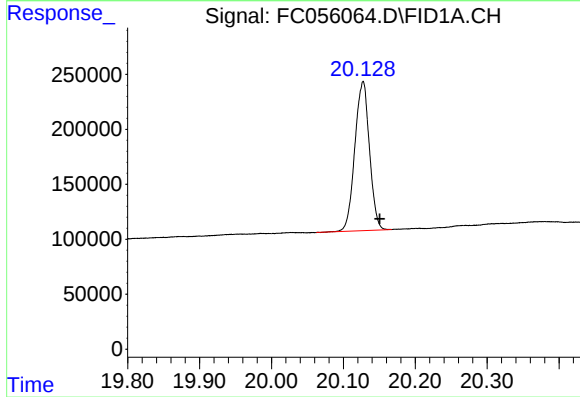
#18 n-Dotriacontane (C32)

R.T.: 18.610 min
Delta R.T.: -0.021 min
Response: 2012623
Conc: 22.64 ug/ml



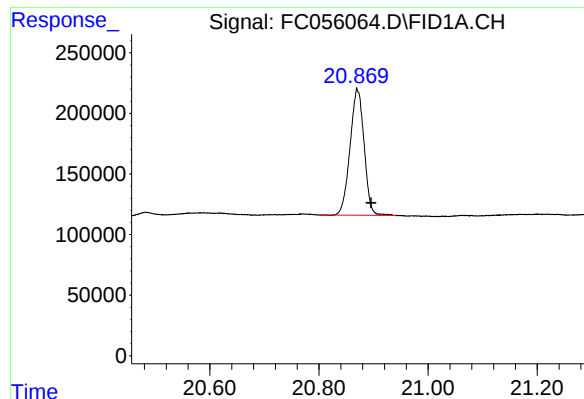
#19 n-Tetratriacontane (C34)

R.T.: 19.390 min
Delta R.T.: -0.023 min
Response: 1980452
Conc: 22.90 ug/ml



#20 n-Hexatriacontane (C36)

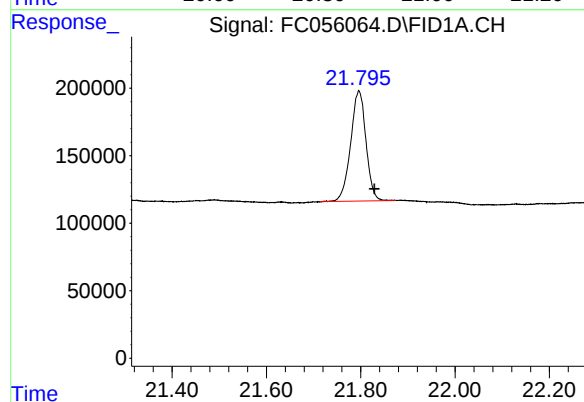
R.T.: 20.127 min
Delta R.T.: -0.024 min
Response: 1914405
Conc: 23.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.871 min
Delta R.T.: -0.025 min
Response: 1861830
Conc: 23.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.796 min
Delta R.T.: -0.033 min
Response: 1838684
Conc: 22.94 ug/ml