

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110719AL\
 Data File : FC044402.D
 Signal(s) : FID1A.CH
 Acq On : 08 Nov 2019 2:26
 Operator : DD\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: Nov 08 06:38:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 2019
 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)	11.723	2474788	16.978 ug/ml
Spiked Amount 50.000		Recovery =	33.96%
12) S 1-chlorooctadecane (S...	13.153	1854416	16.585 ug/ml
Spiked Amount 50.000		Recovery =	33.17%
Target Compounds			
1) T n-Nonane (C9)	3.452	2446521	22.209 ug/ml
2) T n-Decane (C10)	4.528	2477091	22.302 ug/ml
3) T A~Naphthalene (C11.7)	6.130	2724293	21.896 ug/ml
4) T n-Dodecane (C12)	6.554	2486451	22.109 ug/ml
5) T A~2-methylnaphthalene...	7.189	2721296	21.580 ug/ml
6) T n-Tetradecane (C14)	8.351	2452615	21.679 ug/ml
7) T n-Hexadecane (C16)	9.953	2398395	20.990 ug/ml
8) T n-Octadecane (C18)	11.396	2321515	20.276 ug/ml
10) T n-Eicosane (C20)	12.706	2227640	19.532 ug/ml
11) T n-Heneicosane (C21)	13.319	2192933	19.119 ug/ml
13) T n-Docosane (C22)	13.907	2138524	18.832 ug/ml
14) T n-Tetracosane (C24)	15.009	2067784	18.286 ug/ml
15) T n-Hexacosane (C26)	16.033	2008371	18.152 ug/ml
16) T n-Octacosane (C28)	16.983	1988961	18.361 ug/ml
17) T n-Tricontane (C30)	17.874	2026676	19.150 ug/ml
18) T n-Dotriacontane (C32)	18.706	2019996	20.057 ug/ml
19) T n-Tetratriacontane (C34)	19.493	1996467	21.292 ug/ml
20) T n-Hexatriacontane (C36)	20.234	1977648	22.781 ug/ml
21) T n-Octatriacontane (C38)	21.004	1901100	23.575 ug/ml
22) T n-Tetracontane (C40)	21.980	1951345	23.085 ug/ml

(f)=RT Delta > 1/2 Window

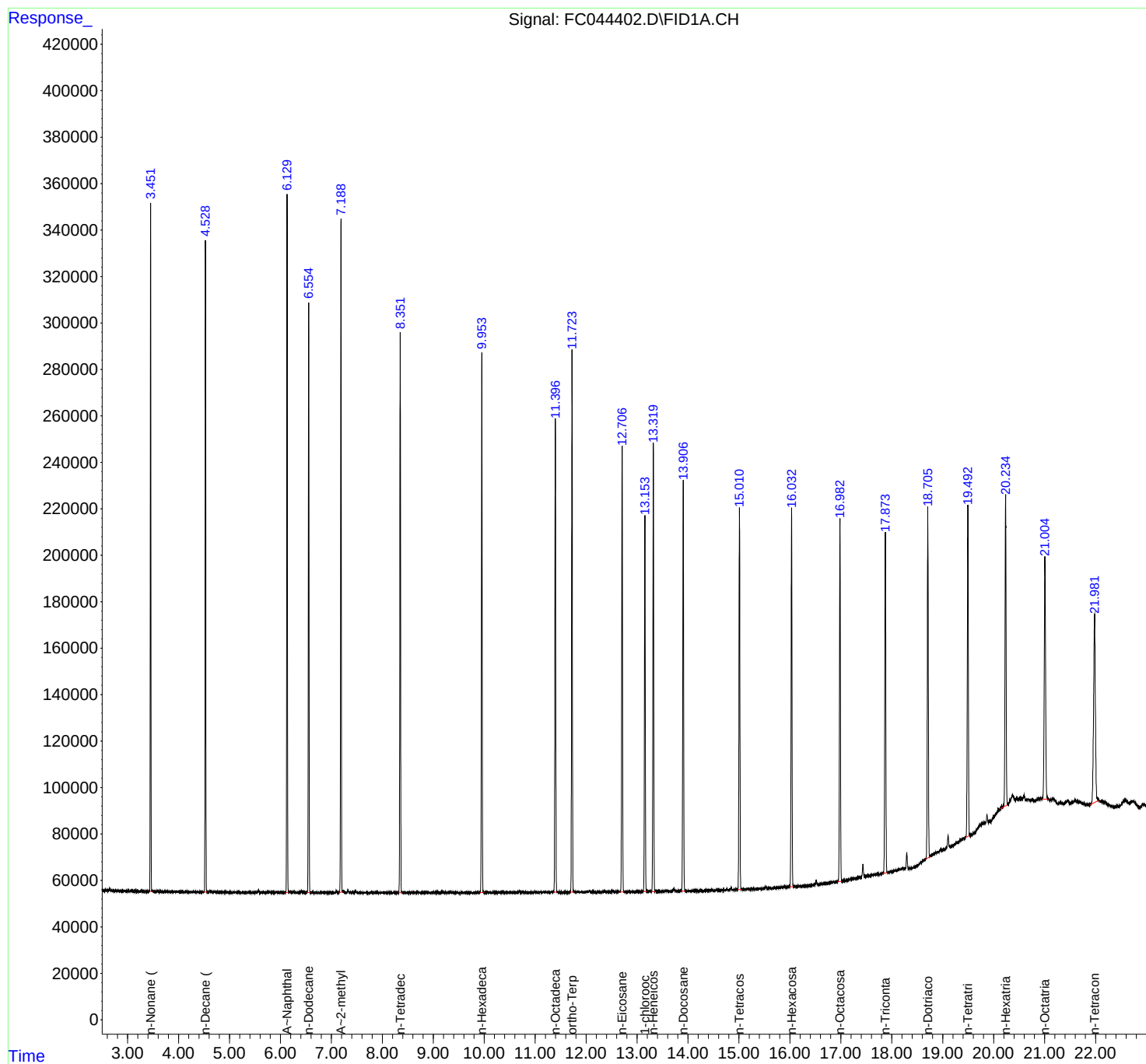
(m)=manual int.

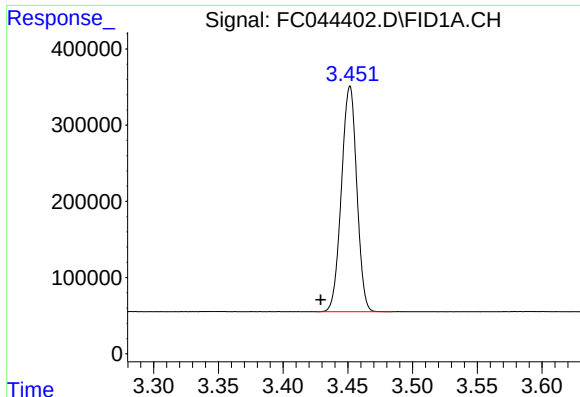
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110719AL\
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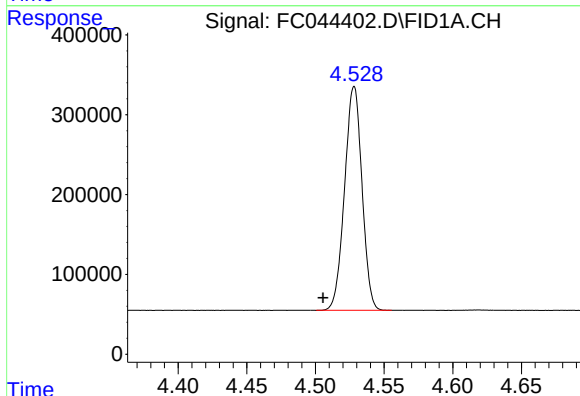




#1 n-Nonane (C9)

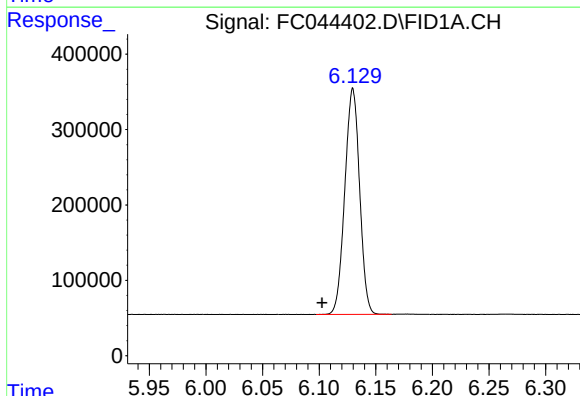
R.T.: 3.452 min
Delta R.T.: 0.023 min
Response: 2446521
Conc: 22.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



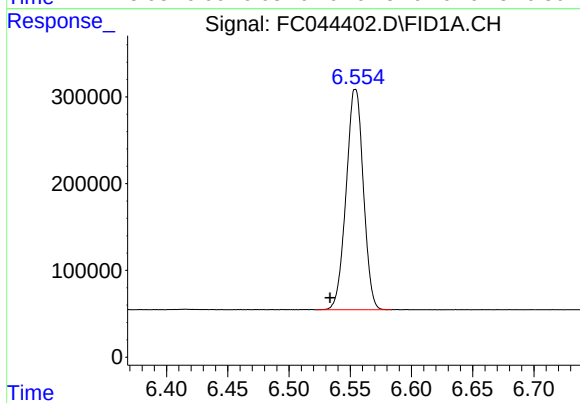
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: 0.023 min
Response: 2477091
Conc: 22.30 ug/ml



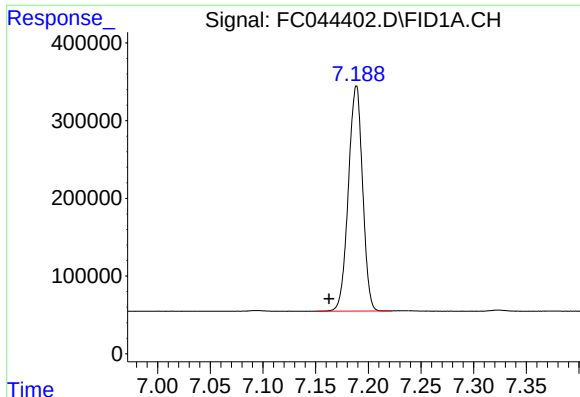
#3 A~Naphthalene (C11.7)

R.T.: 6.130 min
Delta R.T.: 0.027 min
Response: 2724293
Conc: 21.90 ug/ml



#4 n-Dodecane (C12)

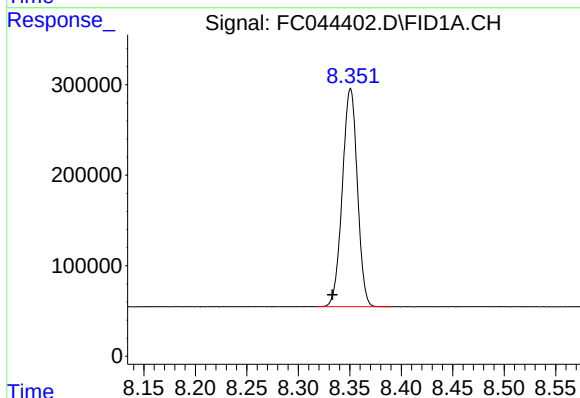
R.T.: 6.554 min
Delta R.T.: 0.021 min
Response: 2486451
Conc: 22.11 ug/ml



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

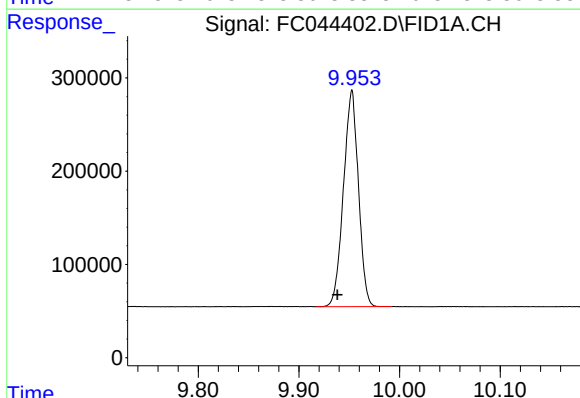
R.T.: 7.189 min
Delta R.T.: 0.026 min
Response: 2721296
Conc: 21.58 ug/ml

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20 PPM ALIPHATIC HC STD



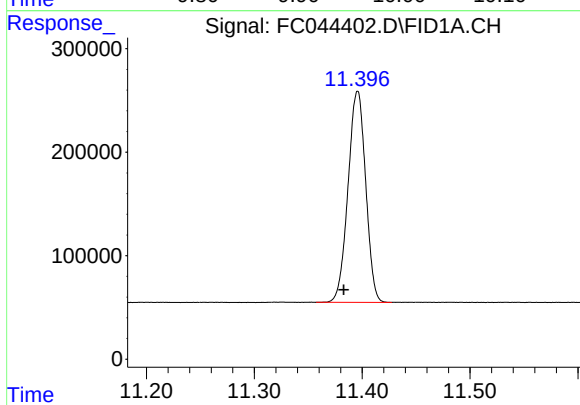
#6 n-Tetradecane (C14)

R.T.: 8.351 min
Delta R.T.: 0.018 min
Response: 2452615
Conc: 21.68 ug/ml



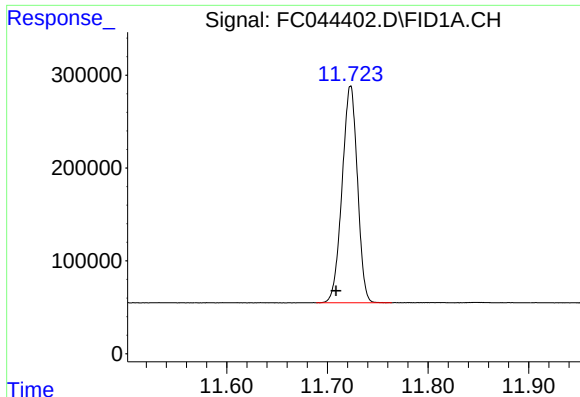
#7 n-Hexadecane (C16)

R.T.: 9.953 min
Delta R.T.: 0.014 min
Response: 2398395
Conc: 20.99 ug/ml



#8 n-Octadecane (C18)

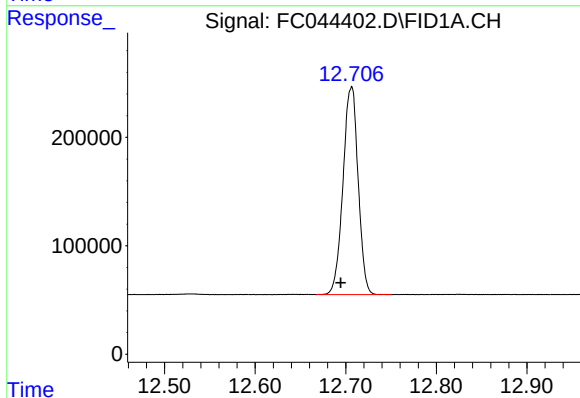
R.T.: 11.396 min
Delta R.T.: 0.013 min
Response: 2321515
Conc: 20.28 ug/ml



#9 ortho-Terphenyl (SURR)

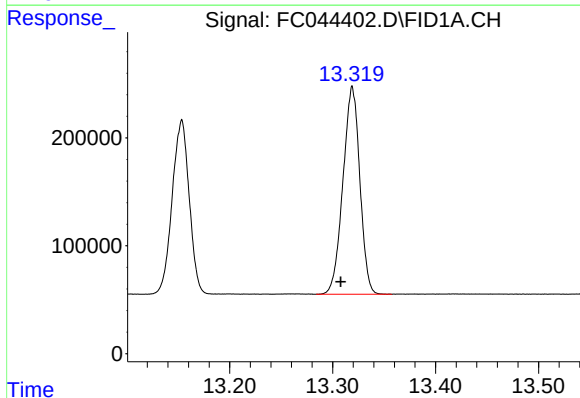
R.T.: 11.723 min
Delta R.T.: 0.014 min
Response: 2474788
Conc: 16.98 ug/ml

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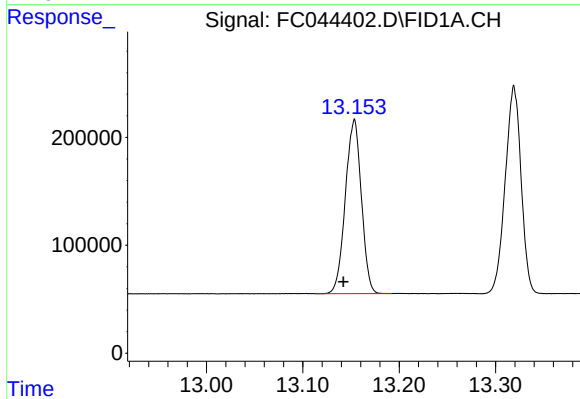
#10 n-Eicosane (C20)

R.T.: 12.706 min
Delta R.T.: 0.012 min
Response: 2227640
Conc: 19.53 ug/ml



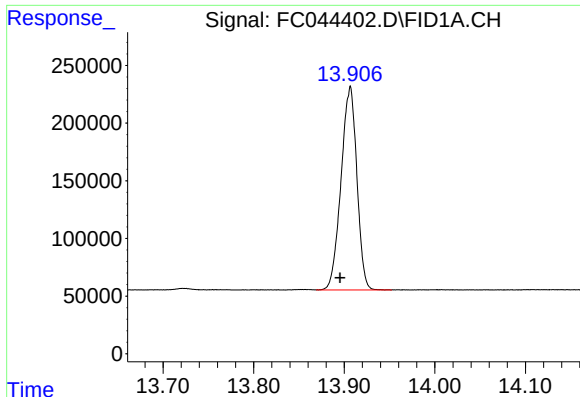
#11 n-Heneicosane (C21)

R.T.: 13.319 min
Delta R.T.: 0.011 min
Response: 2192933
Conc: 19.12 ug/ml



#12 1-chlorooctadecane (SURR)

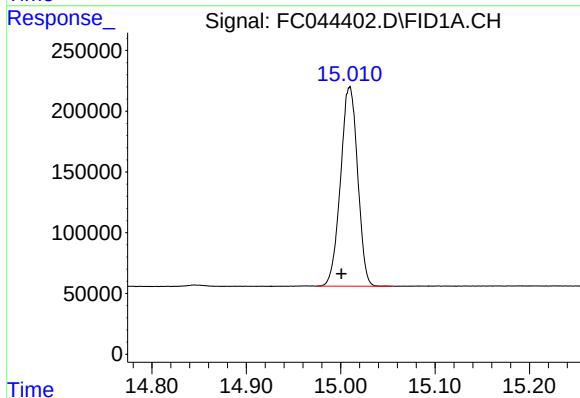
R.T.: 13.153 min
Delta R.T.: 0.011 min
Response: 1854416
Conc: 16.58 ug/ml



#13 n-Docosane (C22)

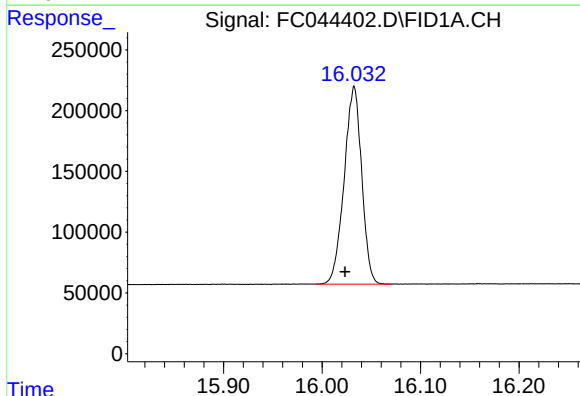
R.T.: 13.907 min
Delta R.T.: 0.011 min
Response: 2138524
Conc: 18.83 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



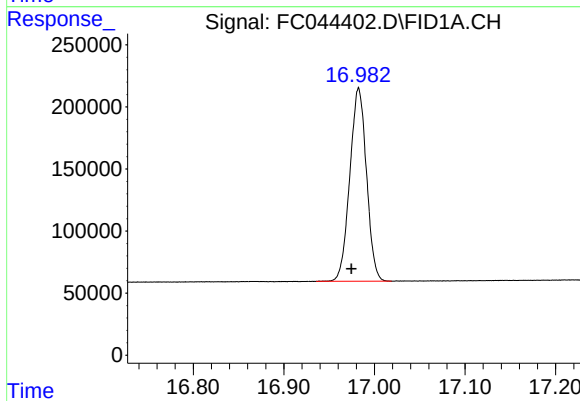
#14 n-Tetracosane (C24)

R.T.: 15.009 min
Delta R.T.: 0.009 min
Response: 2067784
Conc: 18.29 ug/ml



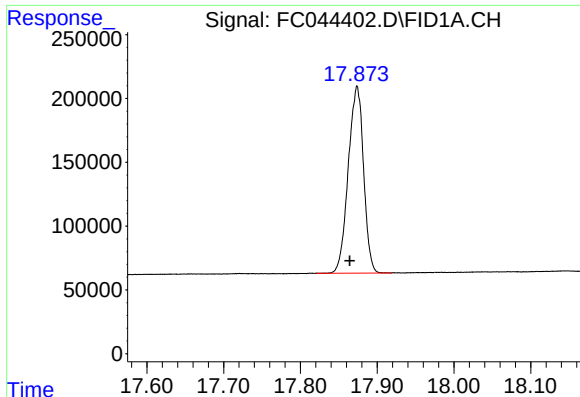
#15 n-Hexacosane (C26)

R.T.: 16.033 min
Delta R.T.: 0.009 min
Response: 2008371
Conc: 18.15 ug/ml



#16 n-Octacosane (C28)

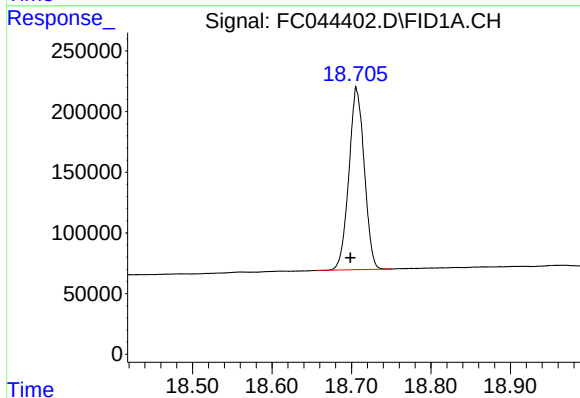
R.T.: 16.983 min
Delta R.T.: 0.008 min
Response: 1988961
Conc: 18.36 ug/ml



#17 n-Tricontane (C30)

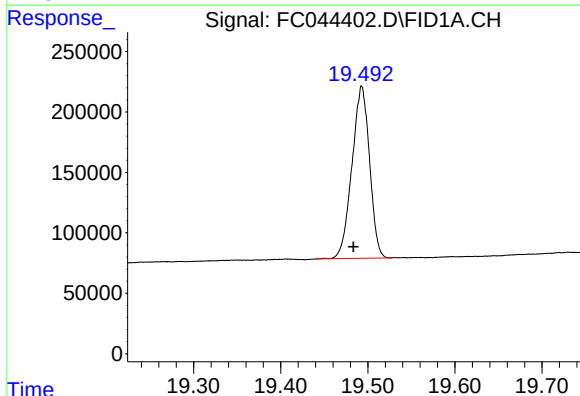
R.T.: 17.874 min
Delta R.T.: 0.010 min
Response: 2026676
Conc: 19.15 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



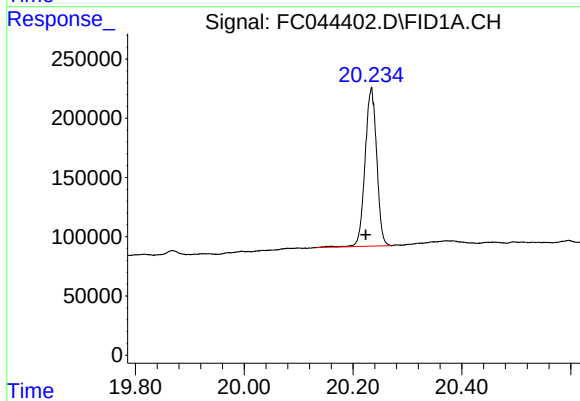
#18 n-Dotriacontane (C32)

R.T.: 18.706 min
Delta R.T.: 0.008 min
Response: 2019996
Conc: 20.06 ug/ml



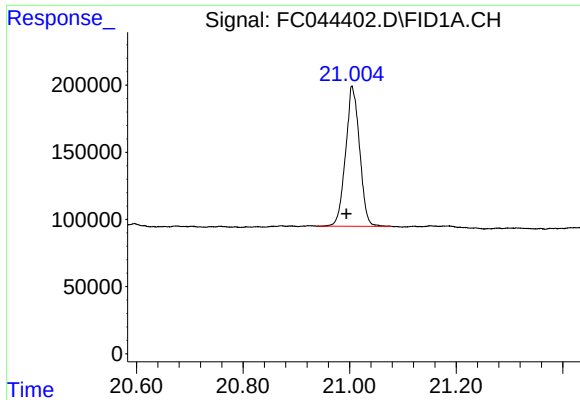
#19 n-Tetratriacontane (C34)

R.T.: 19.493 min
Delta R.T.: 0.009 min
Response: 1996467
Conc: 21.29 ug/ml



#20 n-Hexatriacontane (C36)

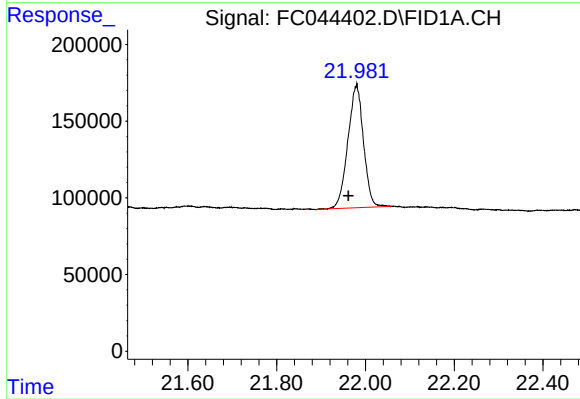
R.T.: 20.234 min
Delta R.T.: 0.010 min
Response: 1977648
Conc: 22.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.004 min
Delta R.T.: 0.011 min
Response: 1901100
Conc: 23.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.980 min
Delta R.T.: 0.019 min
Response: 1951345
Conc: 23.09 ug/ml