

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110719AL\
 Data File : FC044417.D
 Signal(s) : FID1A.CH
 Acq On : 08 Nov 2019 11:23
 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 12:49:17 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)	11.720	2352901	16.142 ug/ml
Spiked Amount 50.000		Recovery =	32.28%
12) S 1-chlorooctadecane (S...	13.150	1763821	15.775 ug/ml
Spiked Amount 50.000		Recovery =	31.55%
Target Compounds			
1) T n-Nonane (C9)	3.450	2327431	21.128 ug/ml
2) T n-Decane (C10)	4.526	2358965	21.238 ug/ml
3) T A~Naphthalene (C11.7)	6.128	2580176	20.737 ug/ml
4) T n-Dodecane (C12)	6.552	2369852	21.072 ug/ml
5) T A~2-methylnaphthalene...	7.186	2578597	20.448 ug/ml
6) T n-Tetradecane (C14)	8.348	2339899	20.682 ug/ml
7) T n-Hexadecane (C16)	9.950	2288890	20.032 ug/ml
8) T n-Octadecane (C18)	11.393	2217028	19.364 ug/ml
10) T n-Eicosane (C20)	12.703	2129805	18.675 ug/ml
11) T n-Heneicosane (C21)	13.315	2090008	18.221 ug/ml
13) T n-Docosane (C22)	13.902	2055911	18.105 ug/ml
14) T n-Tetracosane (C24)	15.006	2033837	17.986 ug/ml
15) T n-Hexacosane (C26)	16.027	2004726	18.119 ug/ml
16) T n-Octacosane (C28)	16.978	2006696	18.524 ug/ml
17) T n-Tricontane (C30)	17.868	2019414	19.081 ug/ml
18) T n-Dotriacontane (C32)	18.703	1975085	19.611 ug/ml
19) T n-Tetratriacontane (C34)	19.488	1925233	20.532 ug/ml
20) T n-Hexatriacontane (C36)	20.229	1866666	21.503 ug/ml
21) T n-Octatriacontane (C38)	21.000	1785961	22.147 ug/ml
22) T n-Tetracontane (C40)	21.973	1815201	21.475 ug/ml

(f)=RT Delta > 1/2 Window

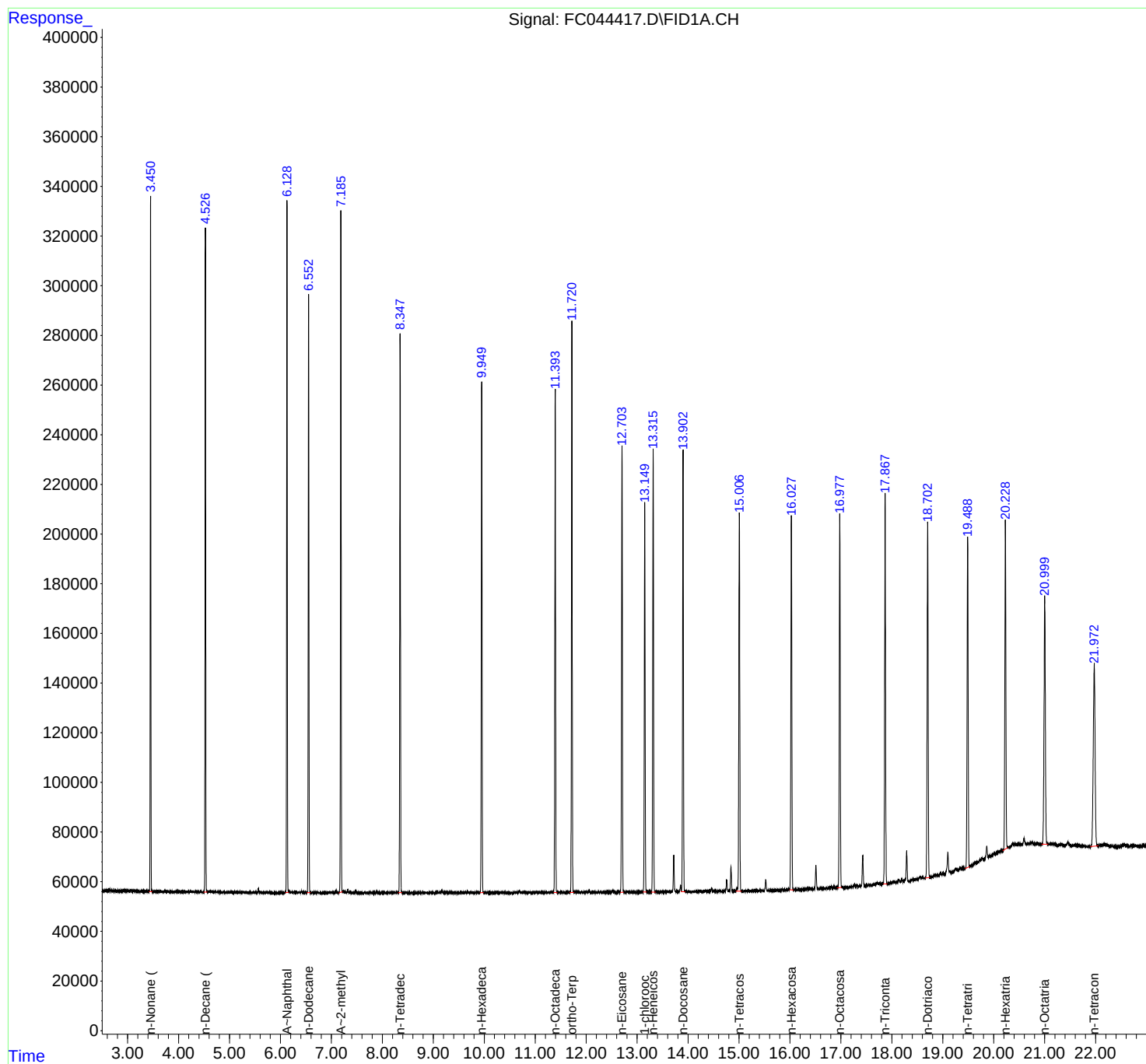
(m)=manual int.

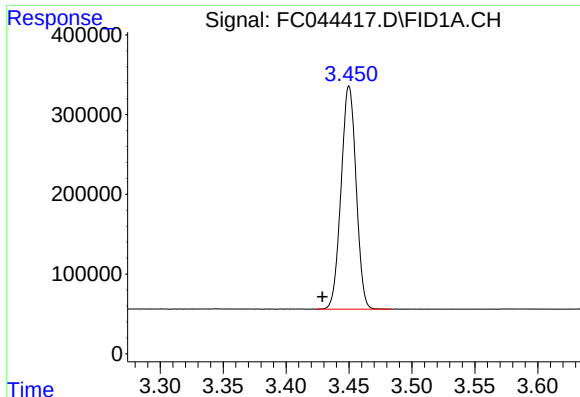
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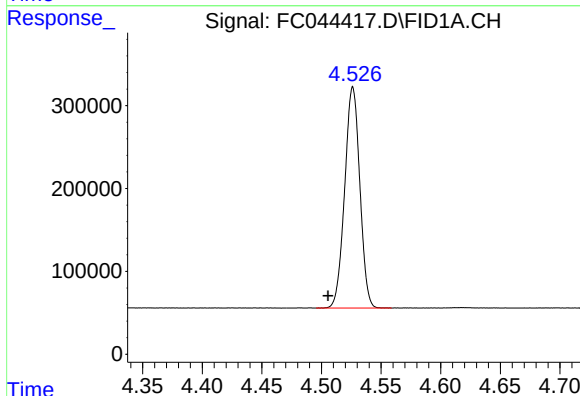




#1 n-Nonane (C9)

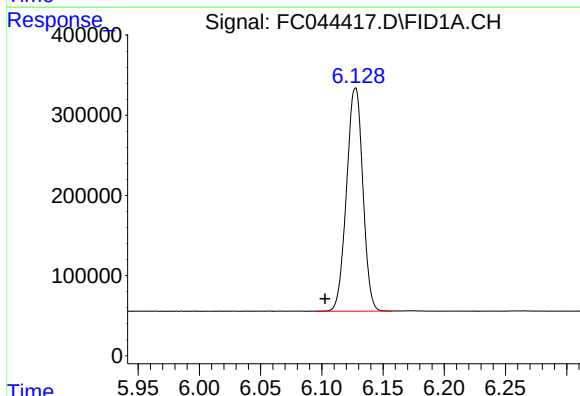
R.T.: 3.450 min
Delta R.T.: 0.021 min
Response: 2327431
Conc: 21.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



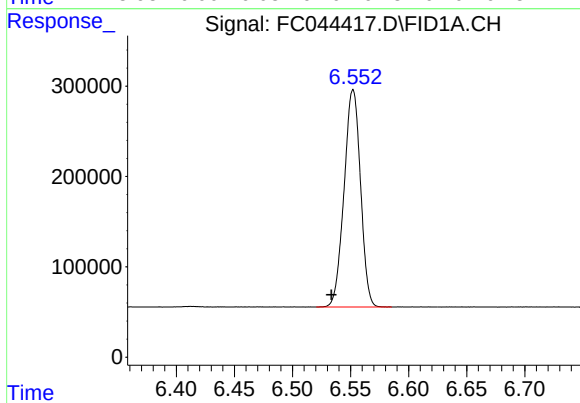
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.021 min
Response: 2358965
Conc: 21.24 ug/ml



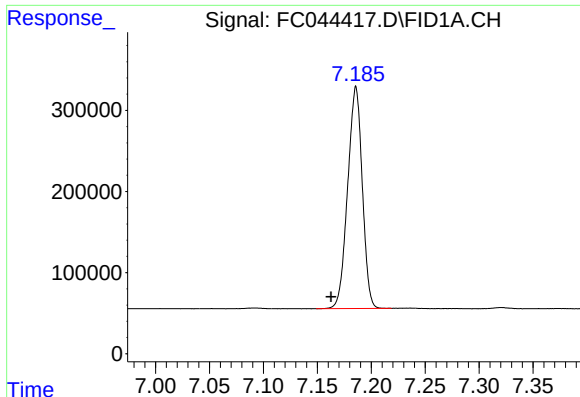
#3 A~Naphthalene (C11.7)

R.T.: 6.128 min
Delta R.T.: 0.025 min
Response: 2580176
Conc: 20.74 ug/ml



#4 n-Dodecane (C12)

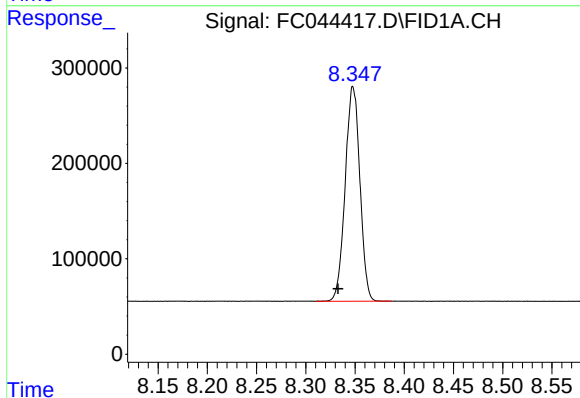
R.T.: 6.552 min
Delta R.T.: 0.019 min
Response: 2369852
Conc: 21.07 ug/ml



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

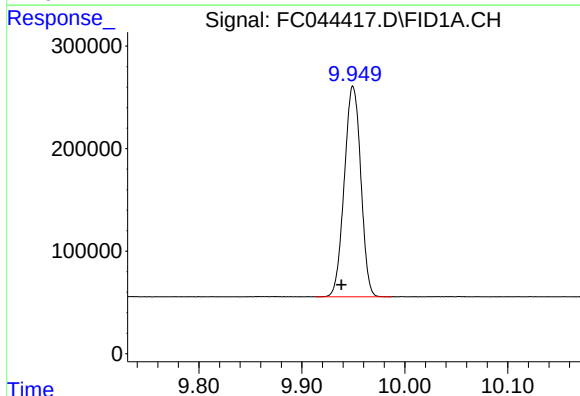
R.T.: 7.186 min
Delta R.T.: 0.023 min
Response: 2578597
Conc: 20.45 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



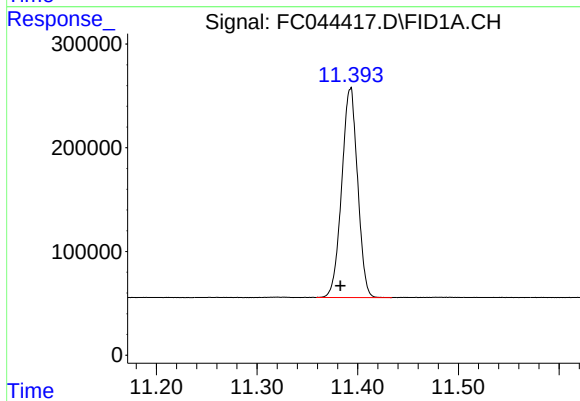
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.015 min
Response: 2339899
Conc: 20.68 ug/ml



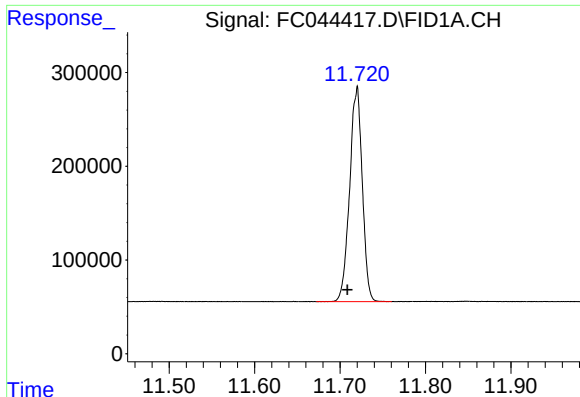
#7 n-Hexadecane (C16)

R.T.: 9.950 min
Delta R.T.: 0.011 min
Response: 2288890
Conc: 20.03 ug/ml



#8 n-Octadecane (C18)

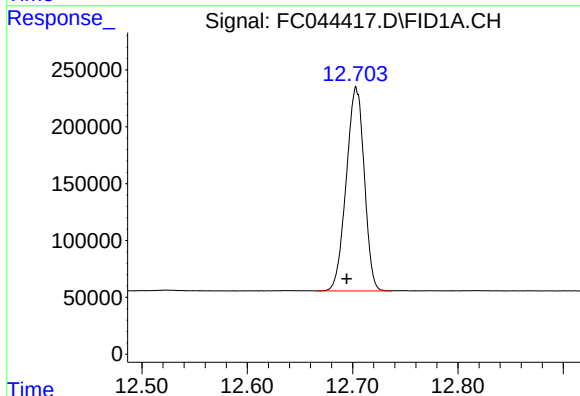
R.T.: 11.393 min
Delta R.T.: 0.010 min
Response: 2217028
Conc: 19.36 ug/ml



#9 ortho-Terphenyl (SURR)

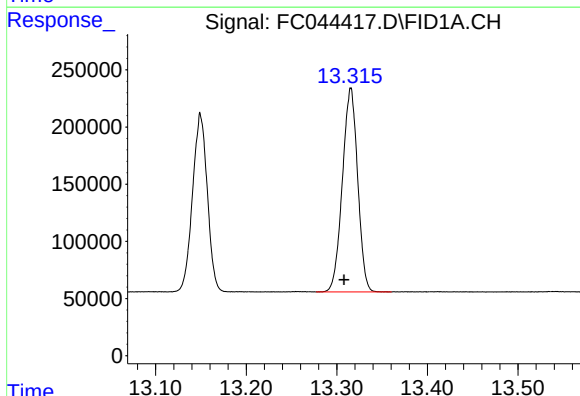
R.T.: 11.720 min
Delta R.T.: 0.011 min
Response: 2352901
Conc: 16.14 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



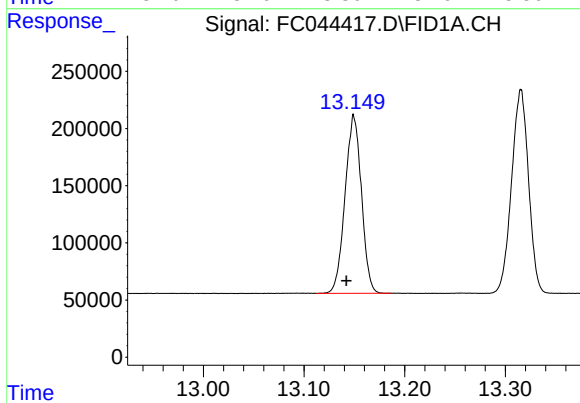
#10 n-Eicosane (C20)

R.T.: 12.703 min
Delta R.T.: 0.009 min
Response: 2129805
Conc: 18.67 ug/ml



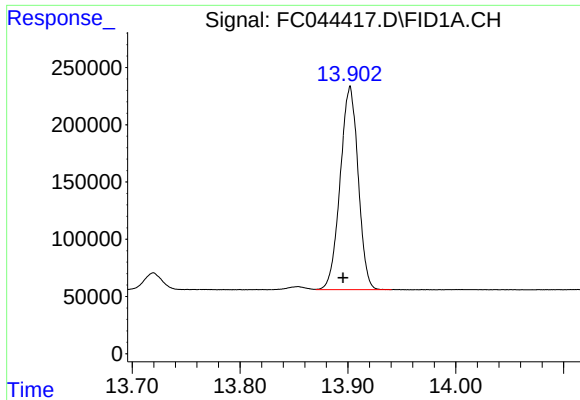
#11 n-Heneicosane (C21)

R.T.: 13.315 min
Delta R.T.: 0.008 min
Response: 2090008
Conc: 18.22 ug/ml



#12 1-chlorooctadecane (SURR)

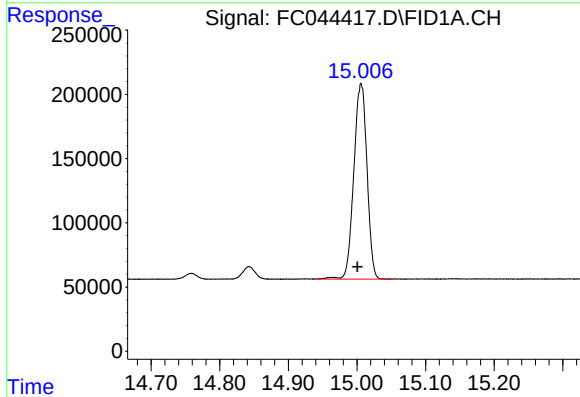
R.T.: 13.150 min
Delta R.T.: 0.007 min
Response: 1763821
Conc: 15.77 ug/ml



#13 n-Docosane (C22)

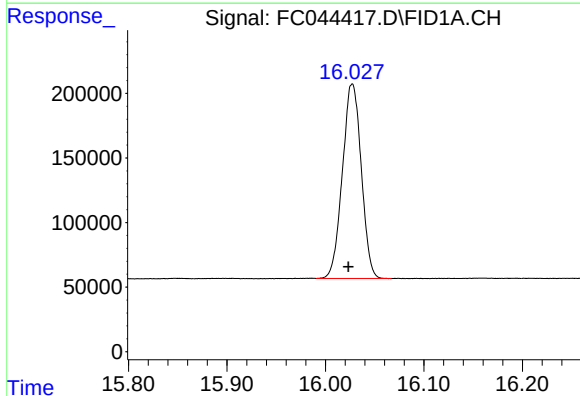
R.T.: 13.902 min
Delta R.T.: 0.007 min
Response: 2055911
Conc: 18.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



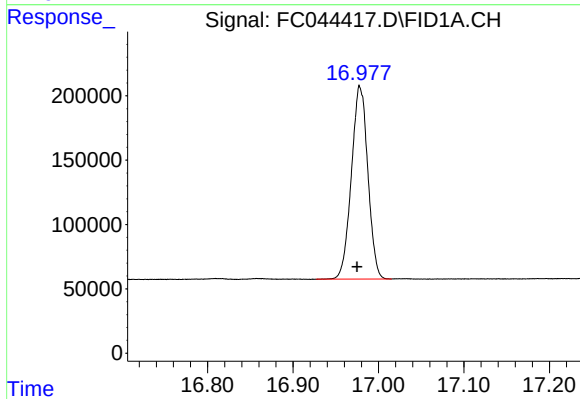
#14 n-Tetracosane (C24)

R.T.: 15.006 min
Delta R.T.: 0.005 min
Response: 2033837
Conc: 17.99 ug/ml



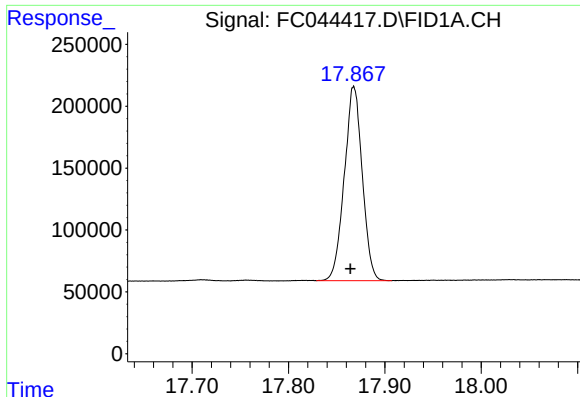
#15 n-Hexacosane (C26)

R.T.: 16.027 min
Delta R.T.: 0.004 min
Response: 2004726
Conc: 18.12 ug/ml



#16 n-Octacosane (C28)

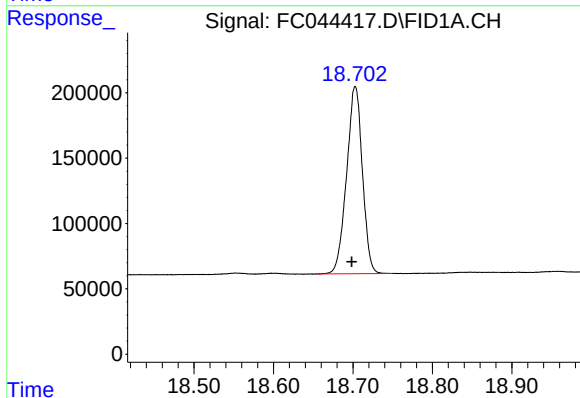
R.T.: 16.978 min
Delta R.T.: 0.004 min
Response: 2006696
Conc: 18.52 ug/ml



#17 n-Tricontane (C30)

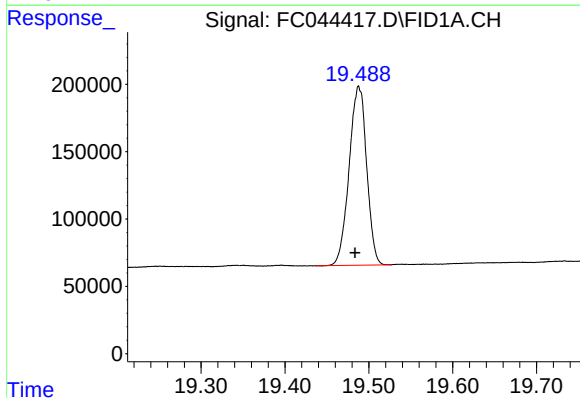
R.T.: 17.868 min
Delta R.T.: 0.003 min
Response: 2019414
Conc: 19.08 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



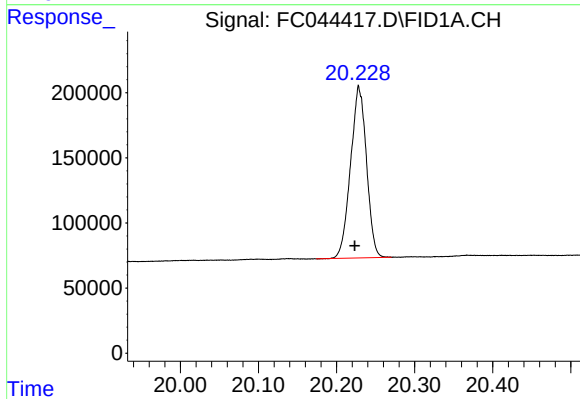
#18 n-Dotriacontane (C32)

R.T.: 18.703 min
Delta R.T.: 0.004 min
Response: 1975085
Conc: 19.61 ug/ml



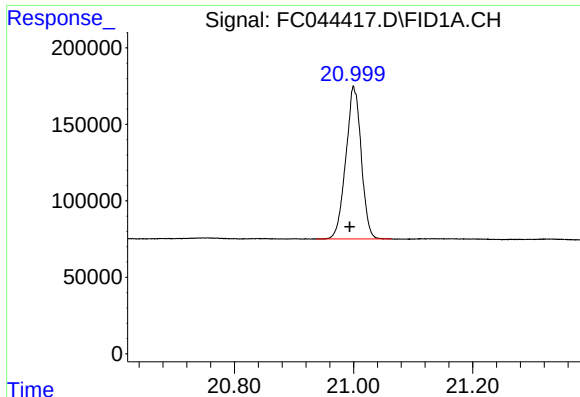
#19 n-Tetratriacontane (C34)

R.T.: 19.488 min
Delta R.T.: 0.004 min
Response: 1925233
Conc: 20.53 ug/ml



#20 n-Hexatriacontane (C36)

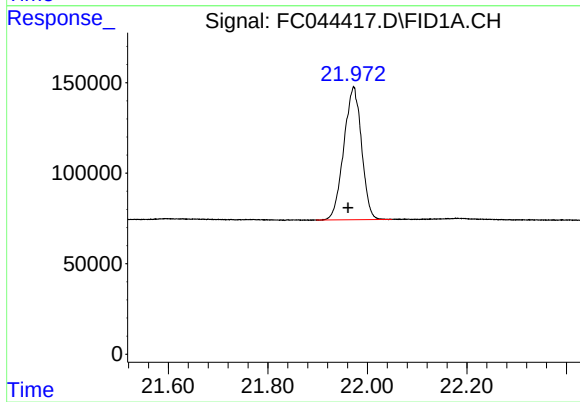
R.T.: 20.229 min
Delta R.T.: 0.005 min
Response: 1866666
Conc: 21.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.000 min
Delta R.T.: 0.006 min
Response: 1785961
Conc: 22.15 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.973 min
Delta R.T.: 0.011 min
Response: 1815201
Conc: 21.47 ug/ml