

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032320AL\
 Data File : FC046448.D
 Signal(s) : FID1A.CH
 Acq On : 23 Mar 2020 21:04
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Mar 24 04:23:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 03:33:56 2020
 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)	11.756	2277245	20.930 ug/ml
Spiked Amount 50.000		Recovery =	41.86%
12) S 1-chlorooctadecane (S...	13.172	1790490	20.777 ug/ml
Spiked Amount 50.000		Recovery =	41.55%
Target Compounds			
1) T n-Nonane (C9)	3.539	2024178	21.282 ug/ml
2) T n-Decane (C10)	4.607	2029946	21.287 ug/ml
3) T A~Naphthalene (C11.7)	6.205	2138144	21.488 ug/ml
4) T n-Dodecane (C12)	6.614	2057884	21.227 ug/ml
5) T A~2-methylnaphthalene...	7.256	2157677	21.426 ug/ml
6) T n-Tetradecane (C14)	8.398	2058585	21.109 ug/ml
7) T n-Hexadecane (C16)	9.989	2073643	21.007 ug/ml
8) T n-Octadecane (C18)	11.423	2105865	20.805 ug/ml
10) T n-Eicosane (C20)	12.727	2112786	20.667 ug/ml
11) T n-Heneicosane (C21)	13.335	2131709	20.675 ug/ml
13) T n-Docosane (C22)	13.918	2119712	20.649 ug/ml
14) T n-Tetracosane (C24)	15.015	2132431	20.658 ug/ml
15) T n-Hexacosane (C26)	16.030	2115214	20.616 ug/ml
16) T n-Octacosane (C28)	16.976	2090544	20.541 ug/ml
17) T n-Tricontane (C30)	17.858	2007133	20.486 ug/ml
18) T n-Dotriacontane (C32)	18.685	1711219	20.411 ug/ml
19) T n-Tetratriacontane (C34)	19.467	1482245	20.688 ug/ml
20) T n-Hexatriacontane (C36)	20.202	1399059	19.971 ug/ml
21) T n-Octatriacontane (C38)	20.962	1328349	21.051 ug/ml
22) T n-Tetracontane (C40)	21.922	1353948	19.566 ug/ml

(f)=RT Delta > 1/2 Window

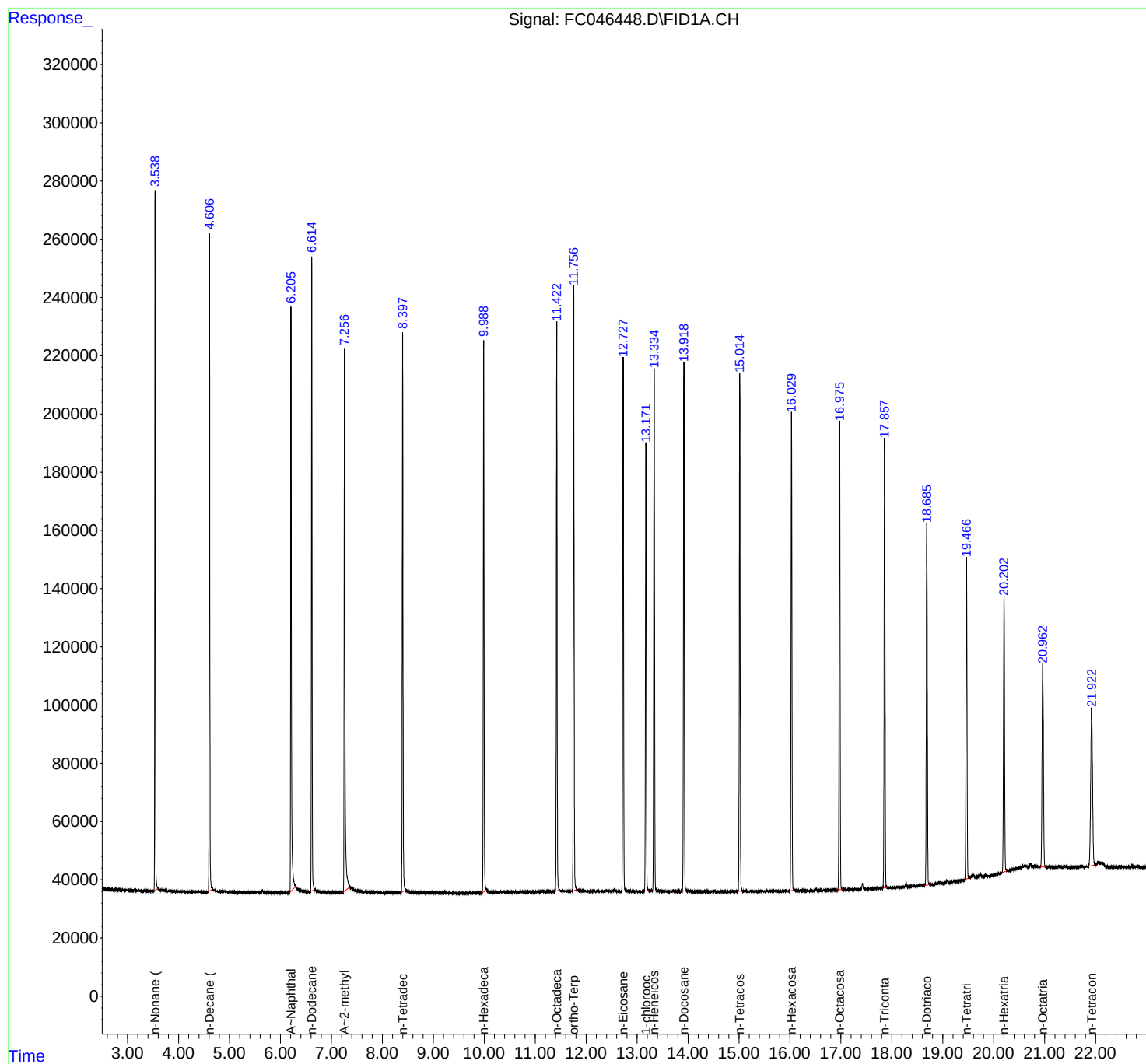
(m)=manual int.

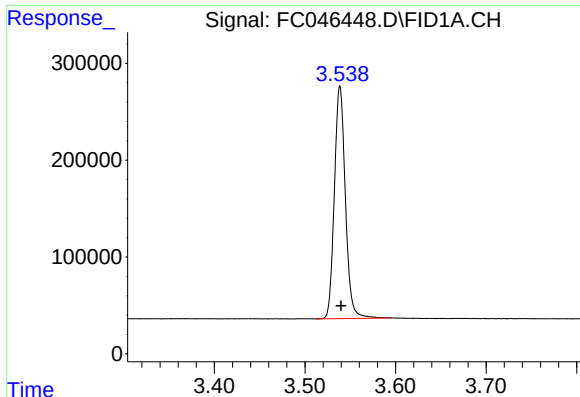
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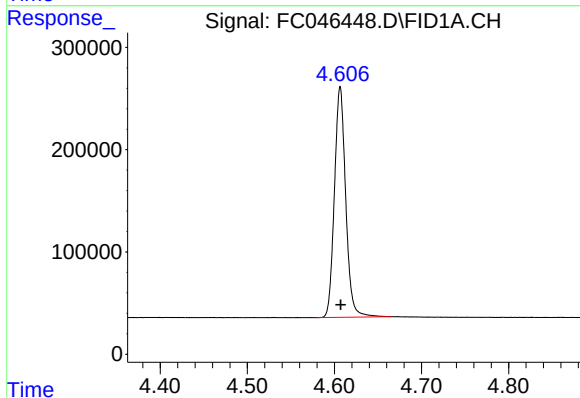




#1 n-Nonane (C9)

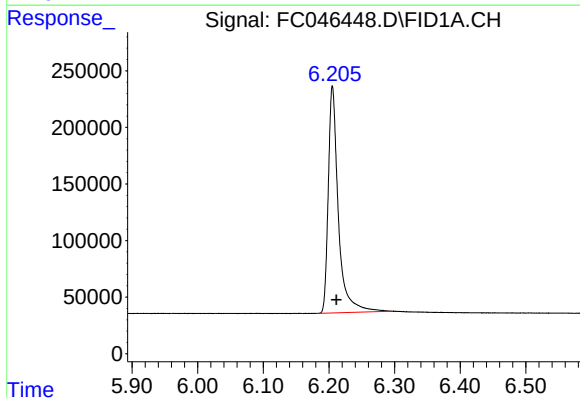
R.T.: 3.539 min
Delta R.T.: -0.001 min
Response: 2024178
Conc: 21.28 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



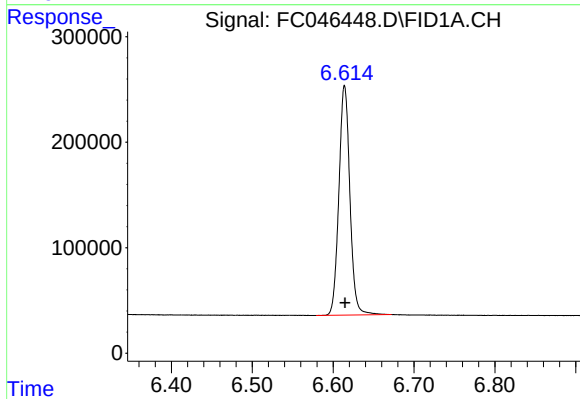
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 2029946
Conc: 21.29 ug/ml



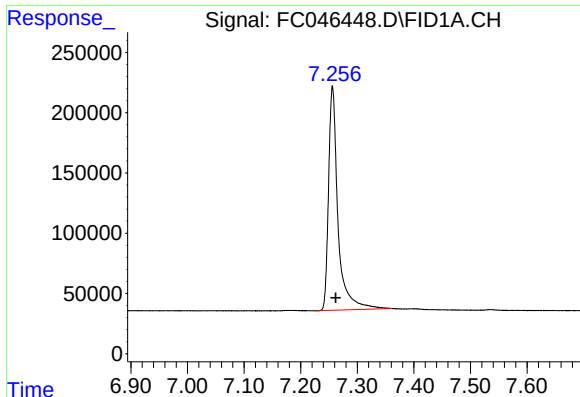
#3 A~Naphthalene (C11.7)

R.T.: 6.205 min
Delta R.T.: -0.006 min
Response: 2138144
Conc: 21.49 ug/ml



#4 n-Dodecane (C12)

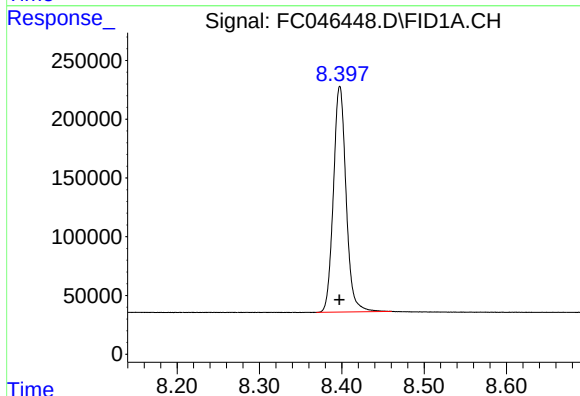
R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 2057884
Conc: 21.23 ug/ml



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

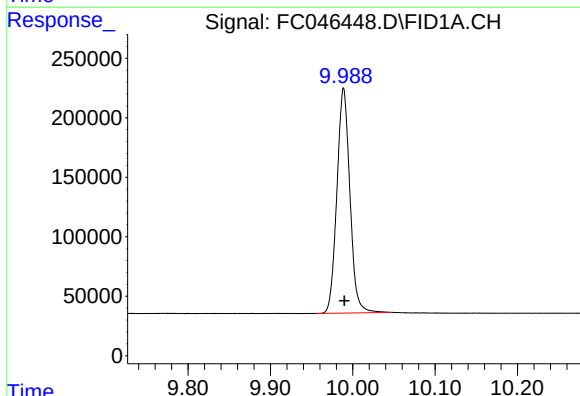
R.T.: 7.256 min
Delta R.T.: -0.006 min
Response: 2157677
Conc: 21.43 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



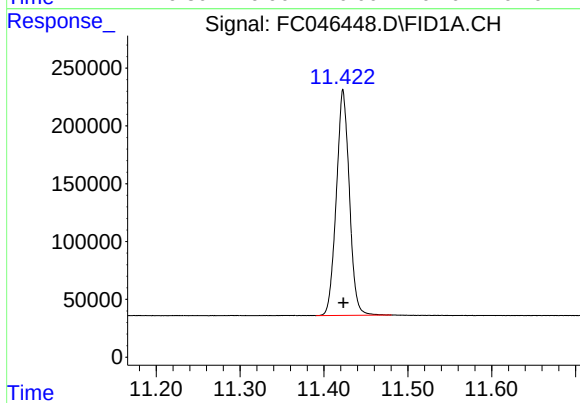
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 2058585
Conc: 21.11 ug/ml



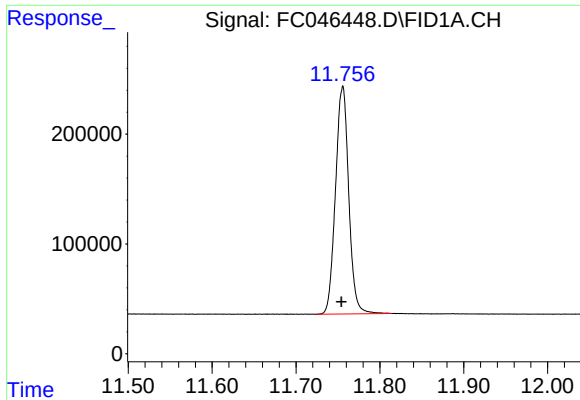
#7 n-Hexadecane (C16)

R.T.: 9.989 min
Delta R.T.: -0.001 min
Response: 2073643
Conc: 21.01 ug/ml



#8 n-Octadecane (C18)

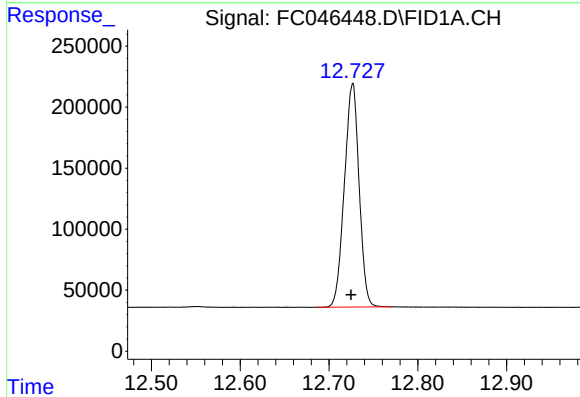
R.T.: 11.423 min
Delta R.T.: 0.000 min
Response: 2105865
Conc: 20.81 ug/ml



#9 ortho-Terphenyl (SURR)

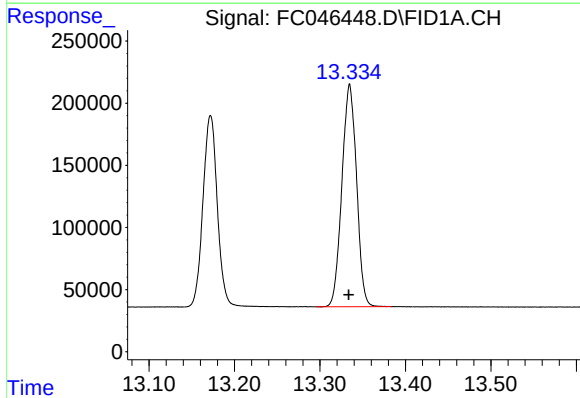
R.T.: 11.756 min
Delta R.T.: 0.001 min
Response: 2277245
Conc: 20.93 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



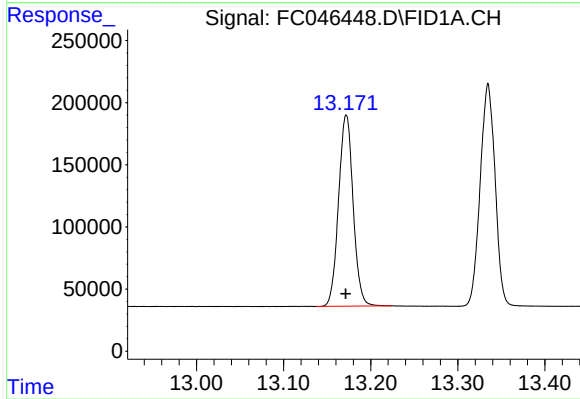
#10 n-Eicosane (C20)

R.T.: 12.727 min
Delta R.T.: 0.002 min
Response: 2112786
Conc: 20.67 ug/ml



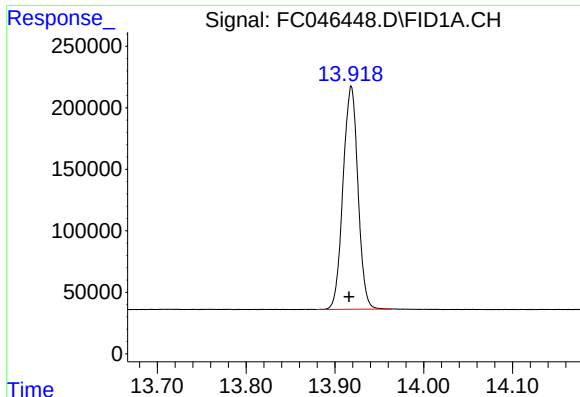
#11 n-Heneicosane (C21)

R.T.: 13.335 min
Delta R.T.: 0.001 min
Response: 2131709
Conc: 20.68 ug/ml



#12 1-chlorooctadecane (SURR)

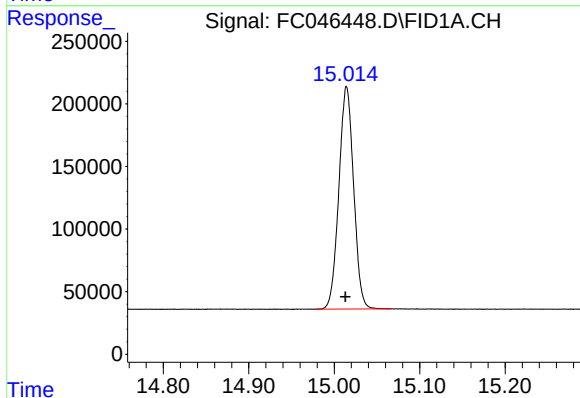
R.T.: 13.172 min
Delta R.T.: 0.000 min
Response: 1790490
Conc: 20.78 ug/ml



#13 n-Docosane (C22)

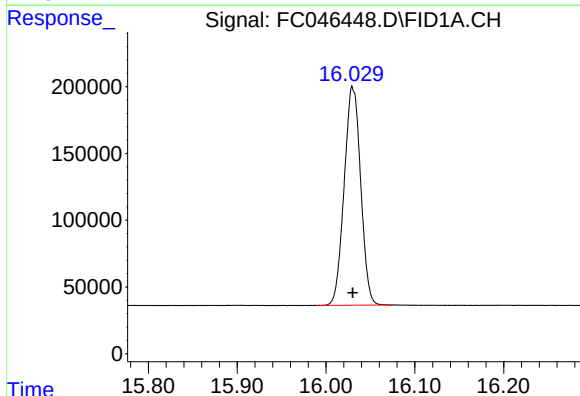
R.T.: 13.918 min
Delta R.T.: 0.002 min
Response: 2119712
Conc: 20.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



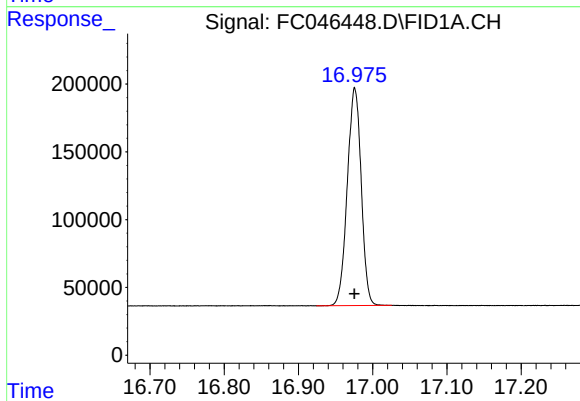
#14 n-Tetracosane (C24)

R.T.: 15.015 min
Delta R.T.: 0.001 min
Response: 2132431
Conc: 20.66 ug/ml



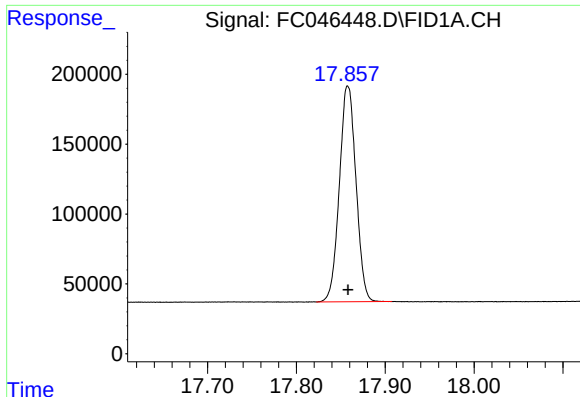
#15 n-Hexacosane (C26)

R.T.: 16.030 min
Delta R.T.: 0.000 min
Response: 2115214
Conc: 20.62 ug/ml



#16 n-Octacosane (C28)

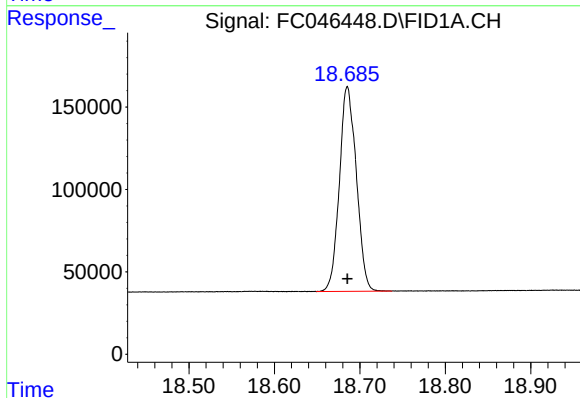
R.T.: 16.976 min
Delta R.T.: 0.000 min
Response: 2090544
Conc: 20.54 ug/ml



#17 n-Tricontane (C30)

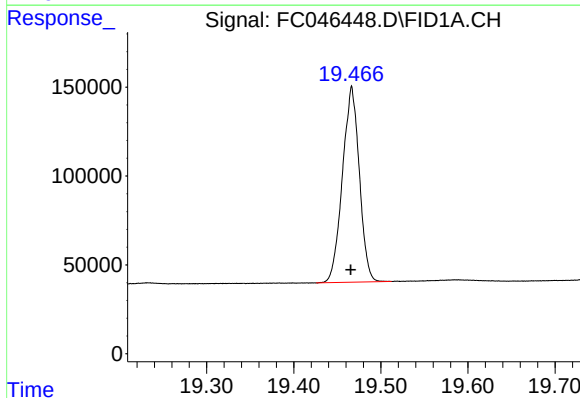
R.T.: 17.858 min
Delta R.T.: 0.000 min
Response: 2007133
Conc: 20.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



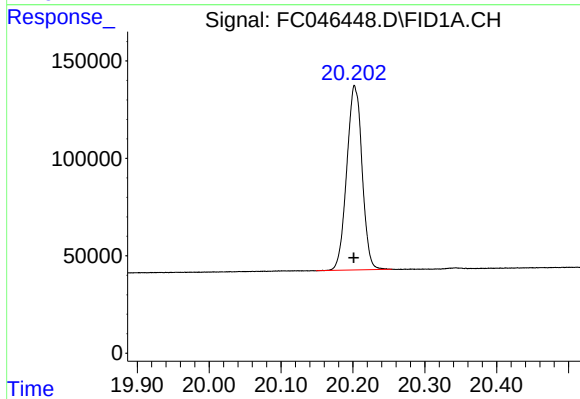
#18 n-Dotriacontane (C32)

R.T.: 18.685 min
Delta R.T.: 0.000 min
Response: 1711219
Conc: 20.41 ug/ml



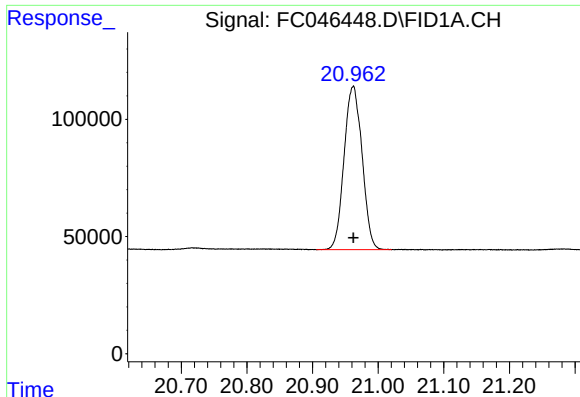
#19 n-Tetratriacontane (C34)

R.T.: 19.467 min
Delta R.T.: 0.001 min
Response: 1482245
Conc: 20.69 ug/ml



#20 n-Hexatriacontane (C36)

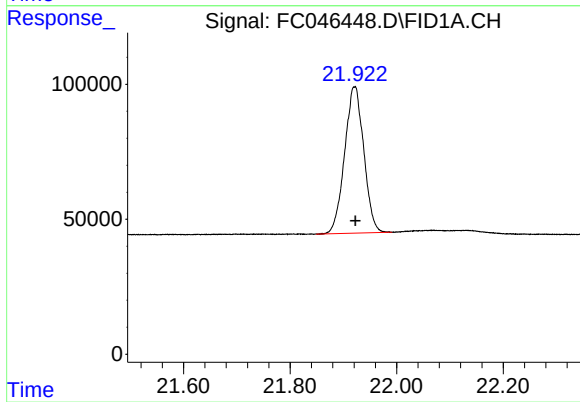
R.T.: 20.202 min
Delta R.T.: 0.001 min
Response: 1399059
Conc: 19.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.962 min
Delta R.T.: 0.000 min
Response: 1328349
Conc: 21.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.922 min
Delta R.T.: -0.001 min
Response: 1353948
Conc: 19.57 ug/ml