

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040120AL\
 Data File : FC046559.D
 Signal(s) : FID1A.CH
 Acq On : 01 Apr 2020 11:26
 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: Apr 01 16:13:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 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)	11.760	2140771	19.583 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
12) S 1-chlorooctadecane (S...	13.177	1672230	19.404 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
Target Compounds			
1) T n-Nonane (C9)	3.541	1951818	20.324 ug/ml
2) T n-Decane (C10)	4.610	1967628	20.486 ug/ml
3) T A~Naphthalene (C11.7)	6.210	2088768	20.847 ug/ml
4) T n-Dodecane (C12)	6.618	2004832	20.539 ug/ml
5) T A~2-methylnaphthalene...	7.260	2111069	20.881 ug/ml
6) T n-Tetradecane (C14)	8.402	2000701	20.318 ug/ml
7) T n-Hexadecane (C16)	9.994	2008606	20.120 ug/ml
8) T n-Octadecane (C18)	11.428	2016442	19.867 ug/ml
10) T n-Eicosane (C20)	12.731	2000645	19.570 ug/ml
11) T n-Heneicosane (C21)	13.340	2000327	19.401 ug/ml
13) T n-Docosane (C22)	13.924	1976299	19.252 ug/ml
14) T n-Tetracosane (C24)	15.021	1945560	18.848 ug/ml
15) T n-Hexacosane (C26)	16.038	1890777	18.429 ug/ml
16) T n-Octacosane (C28)	16.984	1829266	17.974 ug/ml
17) T n-Tricontane (C30)	17.866	1729153	17.649 ug/ml
18) T n-Dotriacontane (C32)	18.694	1459395	17.407 ug/ml
19) T n-Tetratriacontane (C34)	19.474	1259789	17.583 ug/ml
20) T n-Hexatriacontane (C36)	20.211	1199043	17.116 ug/ml
21) T n-Octatriacontane (C38)	20.973	1175810	18.633 ug/ml
22) T n-Tetracontane (C40)	21.932	1215914	17.571 ug/ml

(f)=RT Delta > 1/2 Window

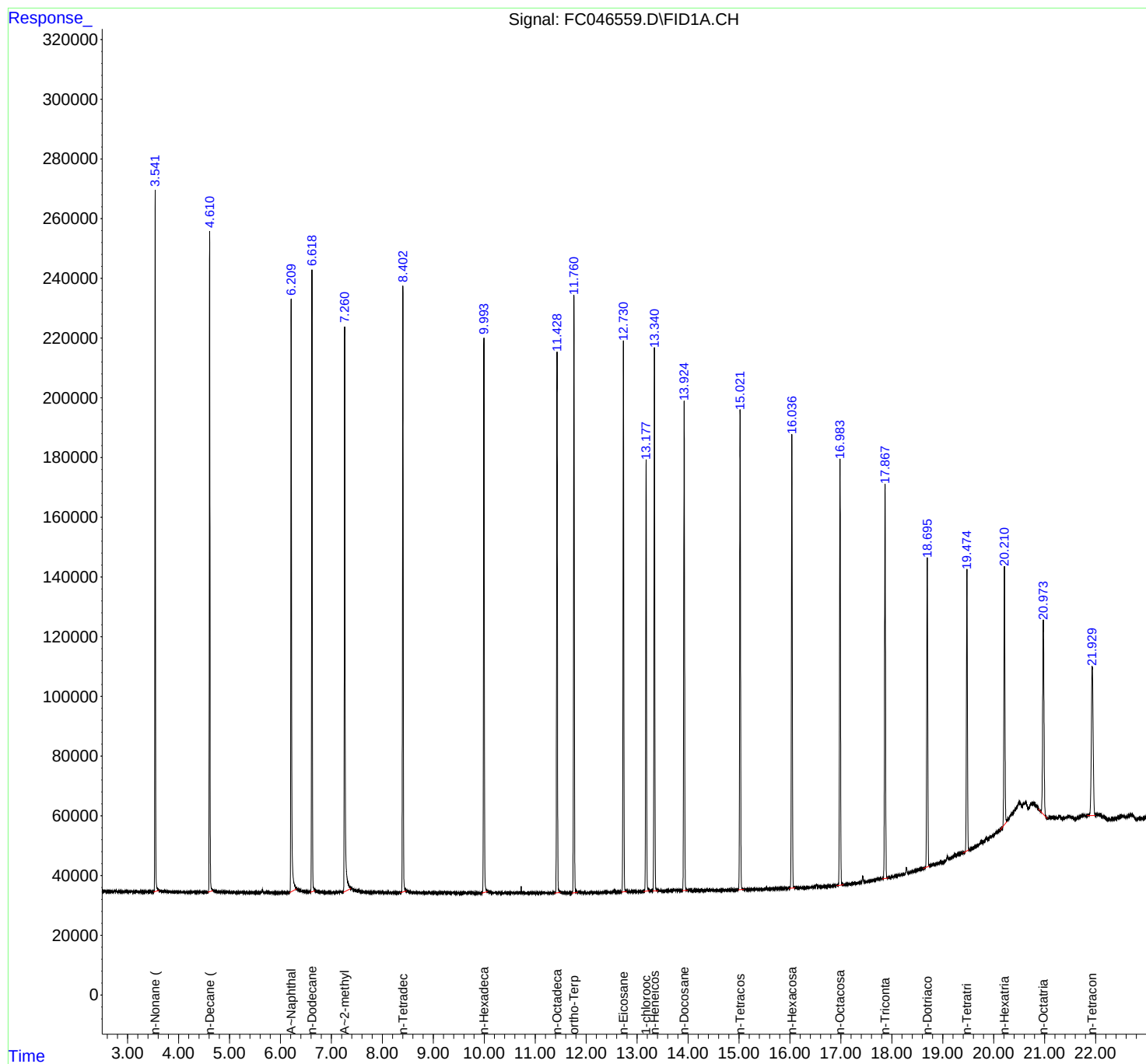
(m)=manual int.

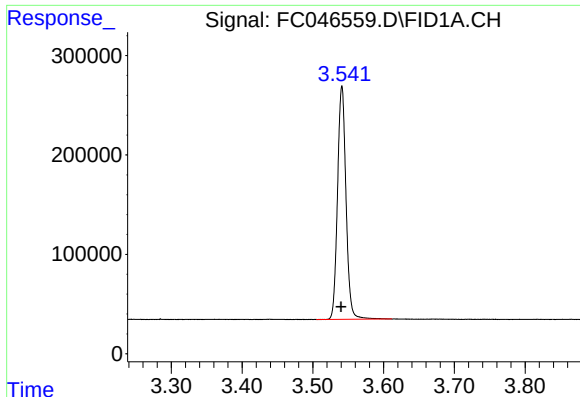
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040120AL\
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Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

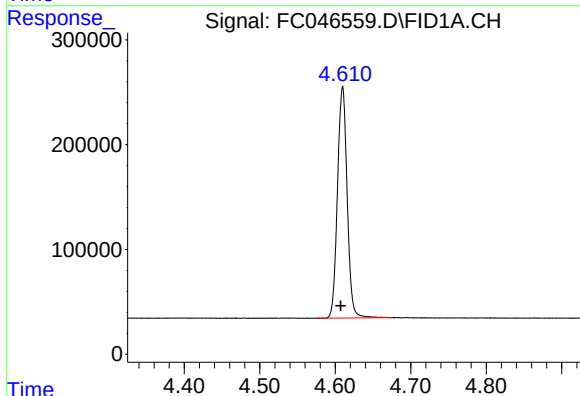




#1 n-Nonane (C9)

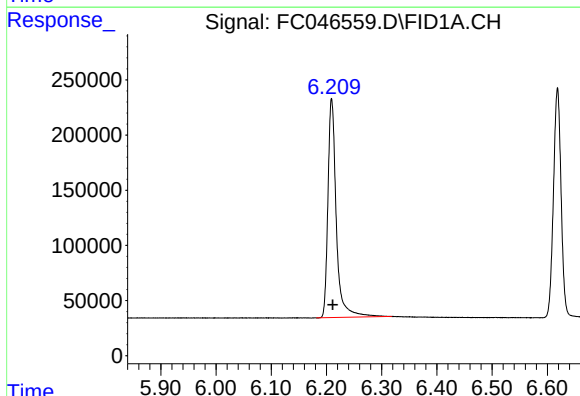
R.T.: 3.541 min
Delta R.T.: 0.001 min
Response: 1951818
Conc: 20.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



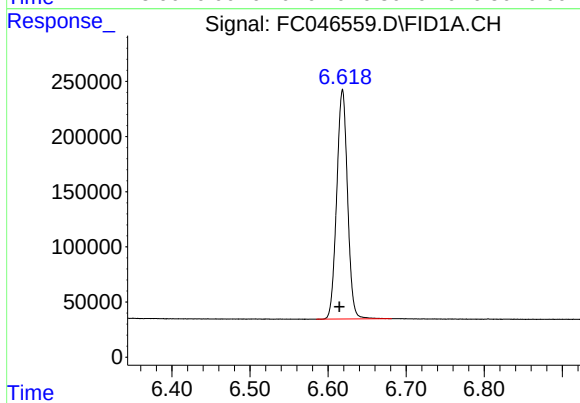
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: 0.002 min
Response: 1967628
Conc: 20.49 ug/ml



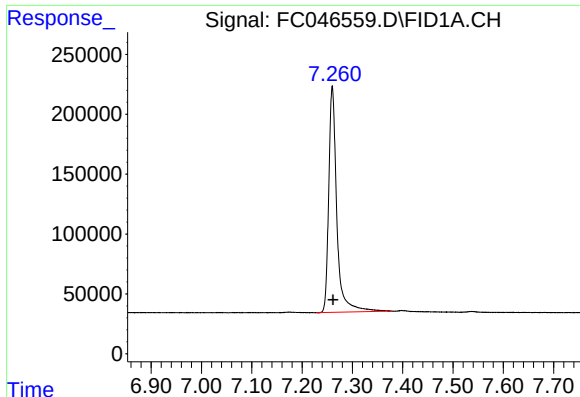
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.002 min
Response: 2088768
Conc: 20.85 ug/ml



#4 n-Dodecane (C12)

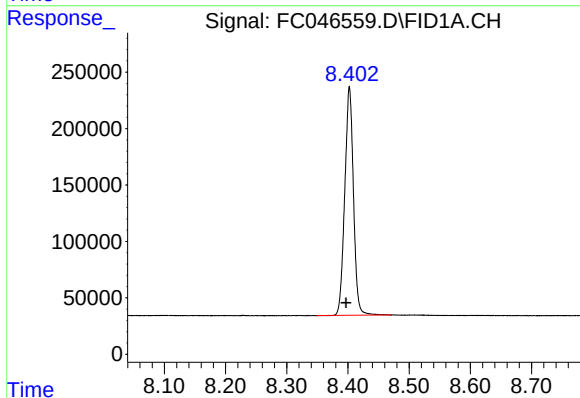
R.T.: 6.618 min
Delta R.T.: 0.004 min
Response: 2004832
Conc: 20.54 ug/ml



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

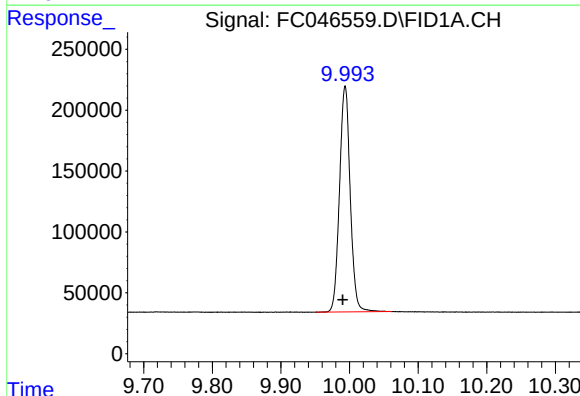
R.T.: 7.260 min
Delta R.T.: -0.002 min
Response: 2111069
Conc: 20.88 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



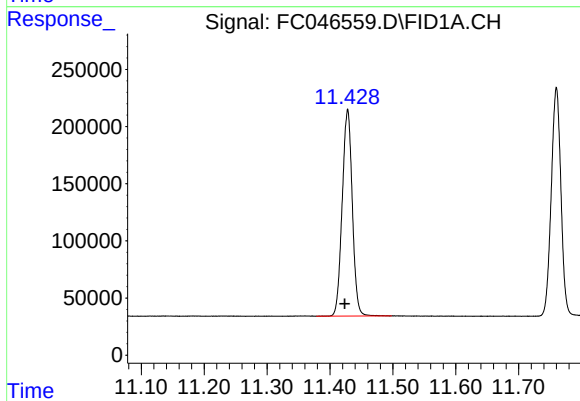
#6 n-Tetradecane (C14)

R.T.: 8.402 min
Delta R.T.: 0.005 min
Response: 2000701
Conc: 20.32 ug/ml



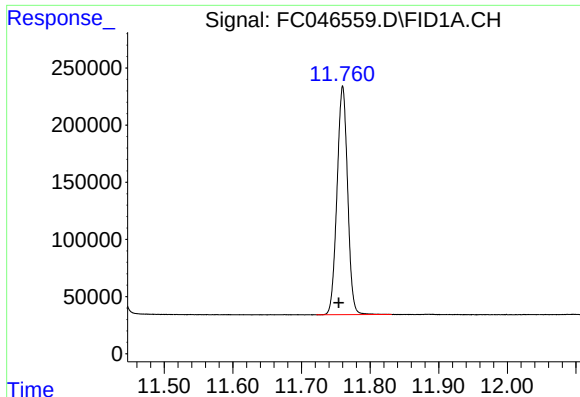
#7 n-Hexadecane (C16)

R.T.: 9.994 min
Delta R.T.: 0.004 min
Response: 2008606
Conc: 20.12 ug/ml



#8 n-Octadecane (C18)

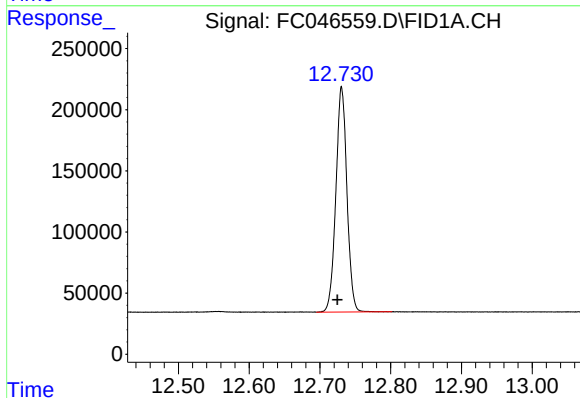
R.T.: 11.428 min
Delta R.T.: 0.005 min
Response: 2016442
Conc: 19.87 ug/ml



#9 ortho-Terphenyl (SURR)

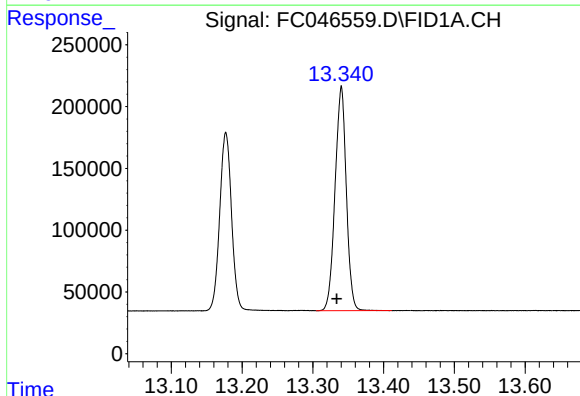
R.T.: 11.760 min
Delta R.T.: 0.006 min
Response: 2140771
Conc: 19.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



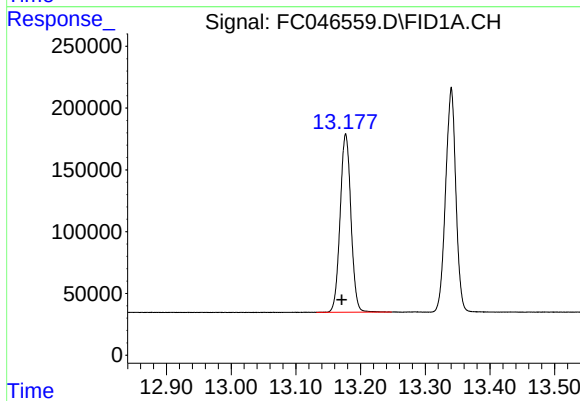
#10 n-Eicosane (C20)

R.T.: 12.731 min
Delta R.T.: 0.006 min
Response: 2000645
Conc: 19.57 ug/ml



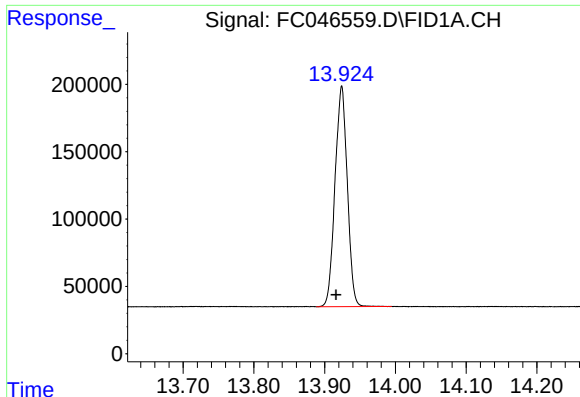
#11 n-Heneicosane (C21)

R.T.: 13.340 min
Delta R.T.: 0.006 min
Response: 2000327
Conc: 19.40 ug/ml



#12 1-chlorooctadecane (SURR)

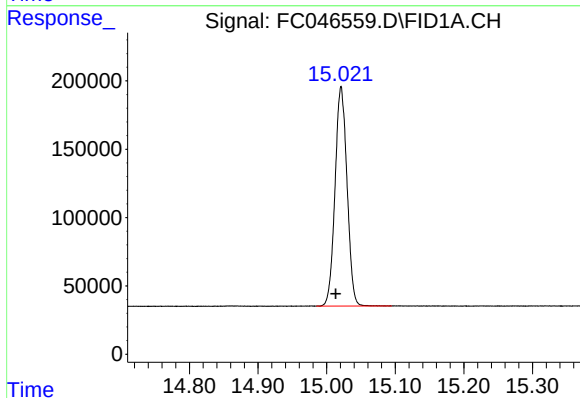
R.T.: 13.177 min
Delta R.T.: 0.006 min
Response: 1672230
Conc: 19.40 ug/ml



#13 n-Docosane (C22)

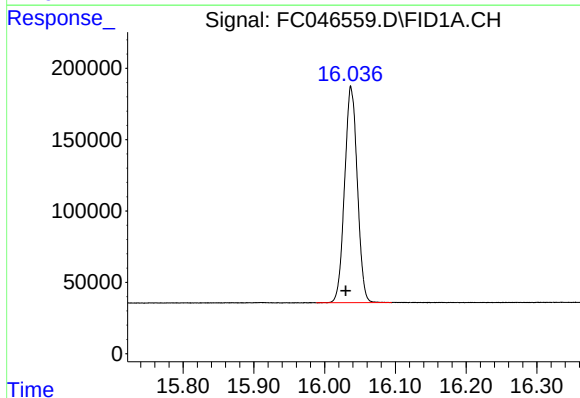
R.T.: 13.924 min
Delta R.T.: 0.008 min
Response: 1976299
Conc: 19.25 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



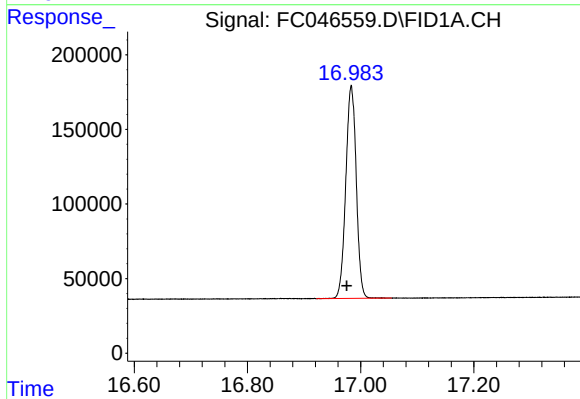
#14 n-Tetracosane (C24)

R.T.: 15.021 min
Delta R.T.: 0.008 min
Response: 1945560
Conc: 18.85 ug/ml



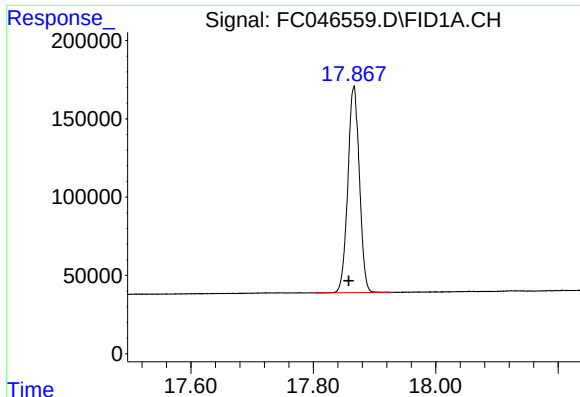
#15 n-Hexacosane (C26)

R.T.: 16.038 min
Delta R.T.: 0.008 min
Response: 1890777
Conc: 18.43 ug/ml



#16 n-Octacosane (C28)

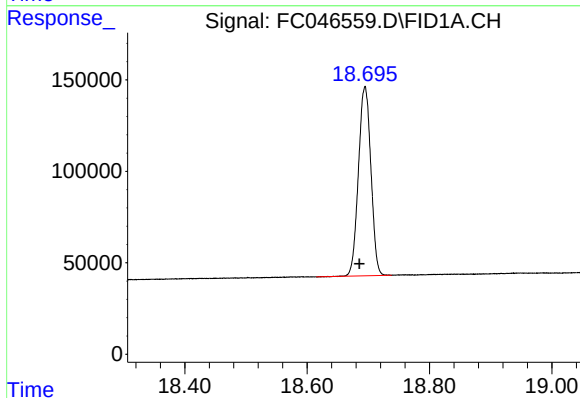
R.T.: 16.984 min
Delta R.T.: 0.008 min
Response: 1829266
Conc: 17.97 ug/ml



#17 n-Tricontane (C30)

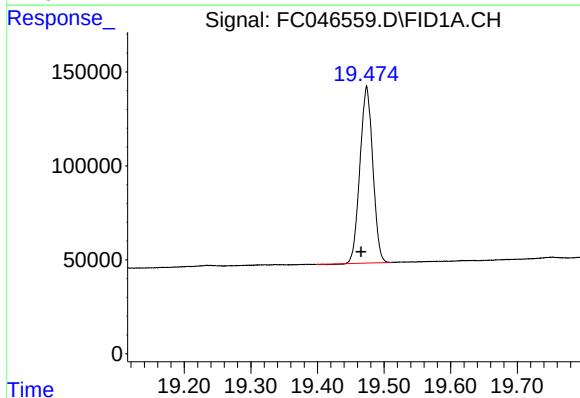
R.T.: 17.866 min
Delta R.T.: 0.008 min
Response: 1729153
Conc: 17.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



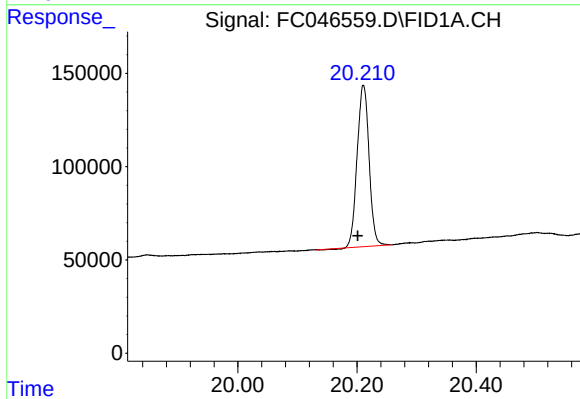
#18 n-Dotriacontane (C32)

R.T.: 18.694 min
Delta R.T.: 0.009 min
Response: 1459395
Conc: 17.41 ug/ml



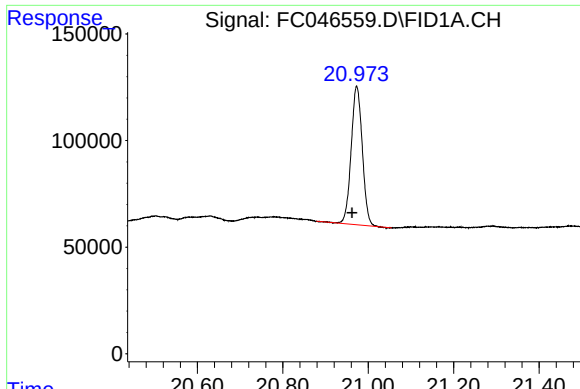
#19 n-Tetratriacontane (C34)

R.T.: 19.474 min
Delta R.T.: 0.008 min
Response: 1259789
Conc: 17.58 ug/ml



#20 n-Hexatriacontane (C36)

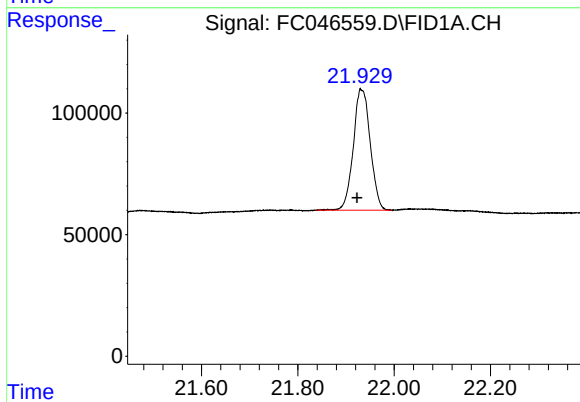
R.T.: 20.211 min
Delta R.T.: 0.009 min
Response: 1199043
Conc: 17.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.973 min
Delta R.T.: 0.011 min
Response: 1175810
Conc: 18.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.932 min
Delta R.T.: 0.010 min
Response: 1215914
Conc: 17.57 ug/ml