

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030920AL\
 Data File : FC046204.D
 Signal(s) : FID1A.CH
 Acq On : 09 Mar 2020 14:21
 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: Mar 10 08:44:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 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)	11.761	2015645	17.669 ug/ml
Spiked Amount 50.000		Recovery =	35.34%
12) S 1-chlorooctadecane (S...	13.178	1542094	17.190 ug/ml
Spiked Amount 50.000		Recovery =	34.38%
Target Compounds			
1) T n-Nonane (C9)	3.537	2002105	19.862 ug/ml
2) T n-Decane (C10)	4.607	2008020	19.909 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2120433	19.097 ug/ml
4) T n-Dodecane (C12)	6.617	2023305	19.832 ug/ml
5) T A~2-methylnaphthalene...	7.259	2103844	18.913 ug/ml
6) T n-Tetradecane (C14)	8.402	2000276	19.540 ug/ml
7) T n-Hexadecane (C16)	9.994	1980691	19.130 ug/ml
8) T n-Octadecane (C18)	11.429	1952884	18.577 ug/ml
10) T n-Eicosane (C20)	12.732	1901059	17.984 ug/ml
11) T n-Heneicosane (C21)	13.342	1884135	17.665 ug/ml
13) T n-Docosane (C22)	13.925	1852827	17.437 ug/ml
14) T n-Tetracosane (C24)	15.024	1809386	16.906 ug/ml
15) T n-Hexacosane (C26)	16.040	1762384	16.582 ug/ml
16) T n-Octacosane (C28)	16.986	1717540	16.405 ug/ml
17) T n-Tricontane (C30)	17.868	1664558	16.518 ug/ml
18) T n-Dotriacontane (C32)	18.696	1434854	16.766 ug/ml
19) T n-Tetratriacontane (C34)	19.479	1251062	17.237 ug/ml
20) T n-Hexatriacontane (C36)	20.215	1195612	17.679 ug/ml
21) T n-Octatriacontane (C38)	20.979	1141425	18.885 ug/ml
22) T n-Tetracontane (C40)	21.941	1170174	18.612 ug/ml

(f)=RT Delta > 1/2 Window

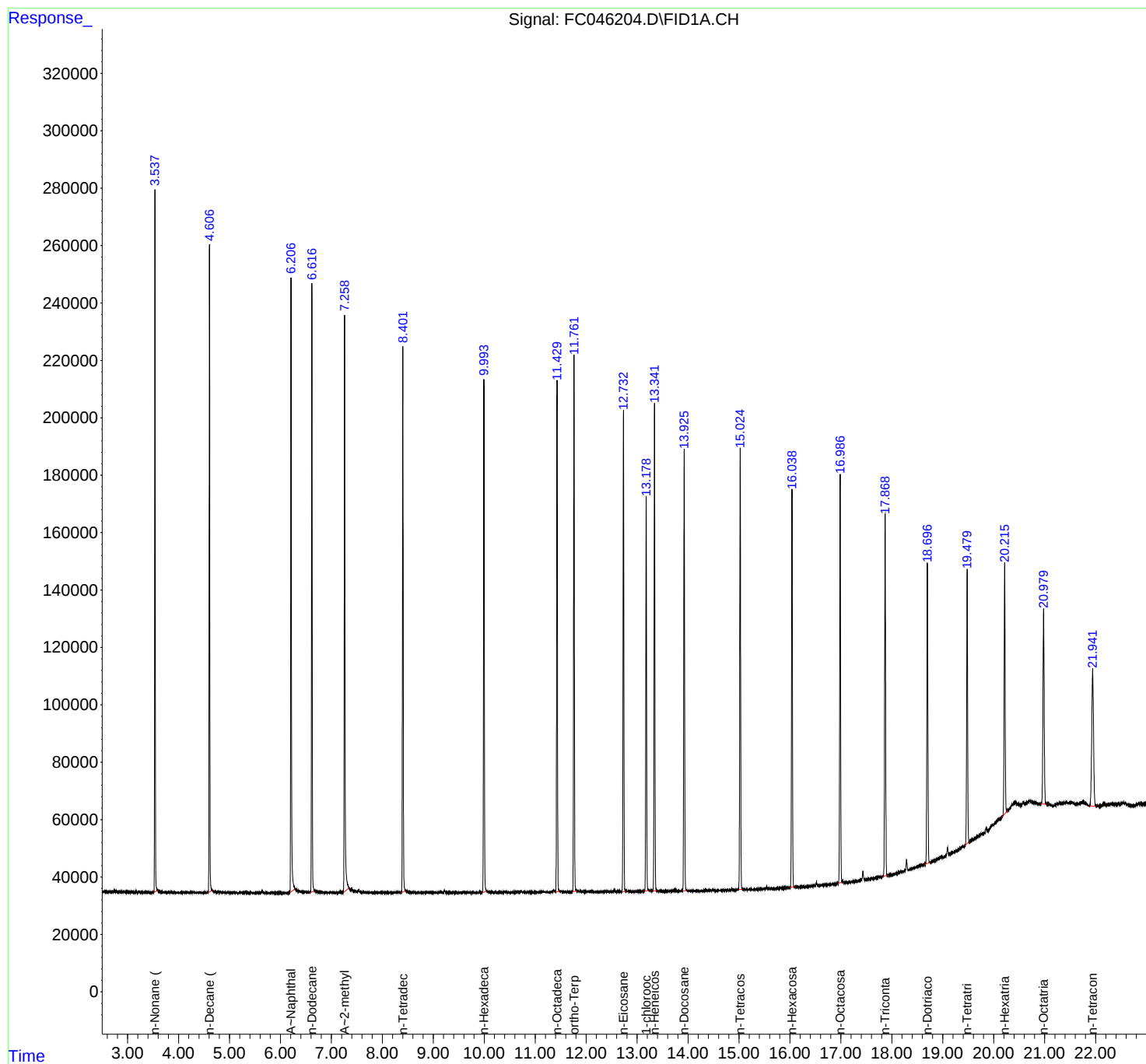
(m)=manual int.

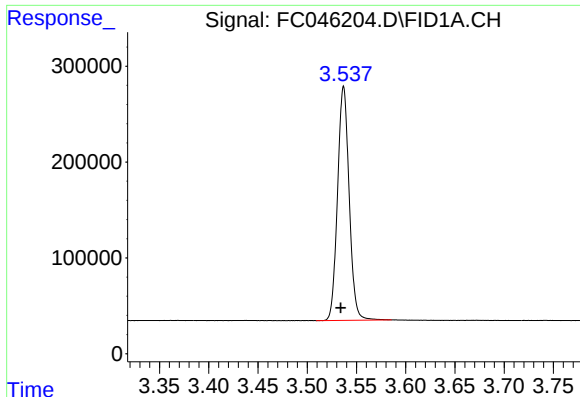
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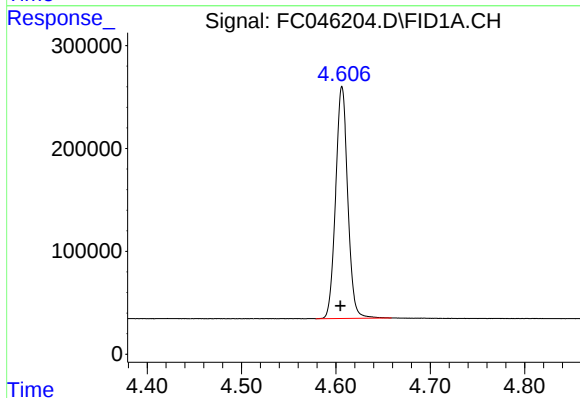




#1 n-Nonane (C9)

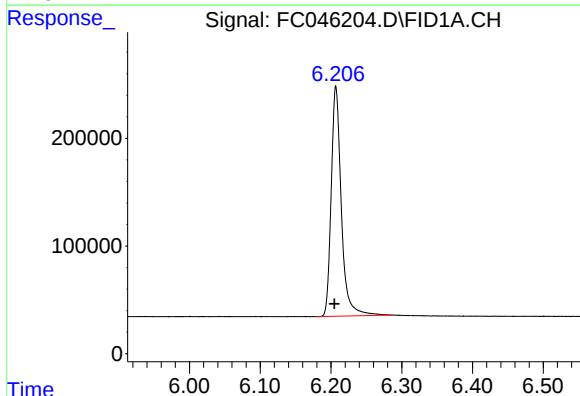
R.T.: 3.537 min
Delta R.T.: 0.003 min
Response: 2002105
Conc: 19.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



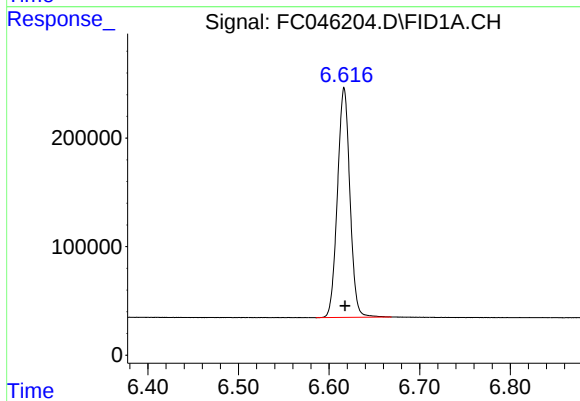
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.002 min
Response: 2008020
Conc: 19.91 ug/ml



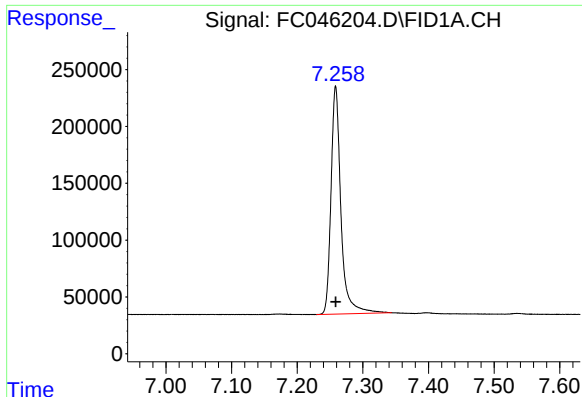
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: 0.002 min
Response: 2120433
Conc: 19.10 ug/ml



#4 n-Dodecane (C12)

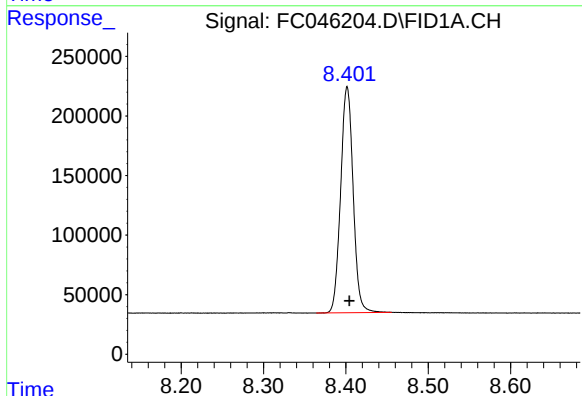
R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 2023305
Conc: 19.83 ug/ml



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

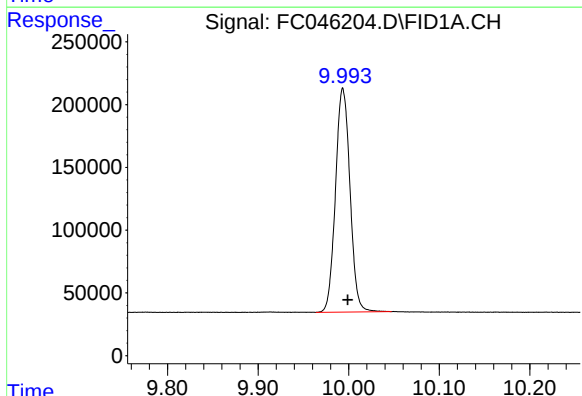
R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 2103844
Conc: 18.91 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



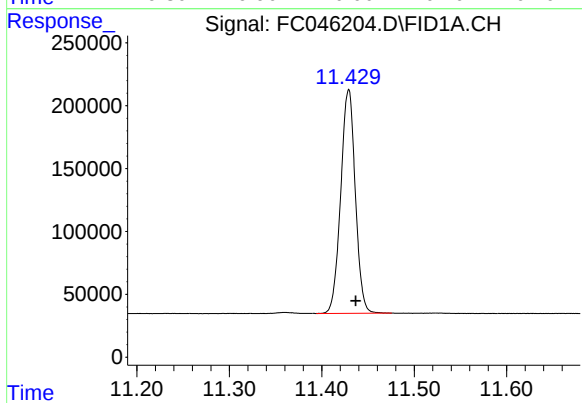
#6 n-Tetradecane (C14)

R.T.: 8.402 min
Delta R.T.: -0.003 min
Response: 2000276
Conc: 19.54 ug/ml



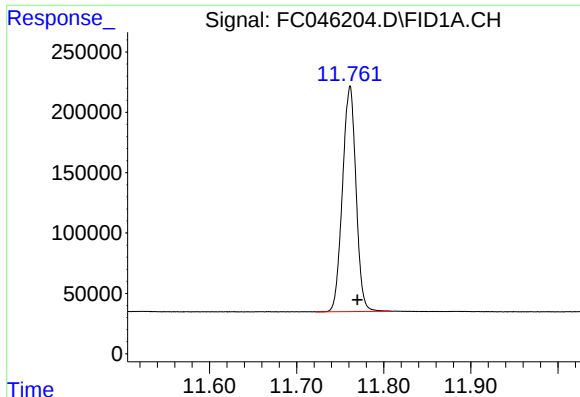
#7 n-Hexadecane (C16)

R.T.: 9.994 min
Delta R.T.: -0.005 min
Response: 1980691
Conc: 19.13 ug/ml



#8 n-Octadecane (C18)

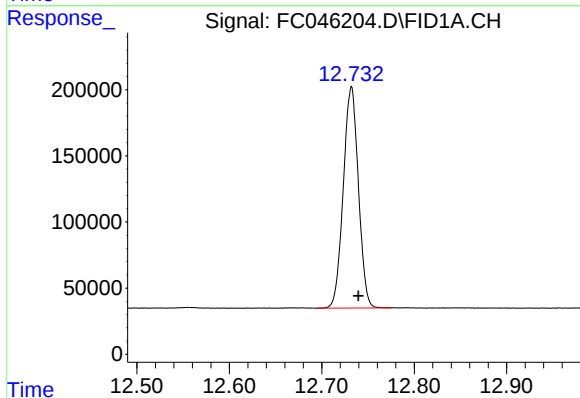
R.T.: 11.429 min
Delta R.T.: -0.008 min
Response: 1952884
Conc: 18.58 ug/ml



#9 ortho-Terphenyl (SURR)

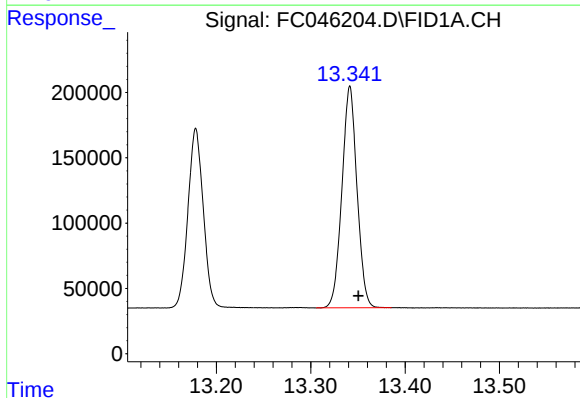
R.T.: 11.761 min
Delta R.T.: -0.008 min
Response: 2015645
Conc: 17.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



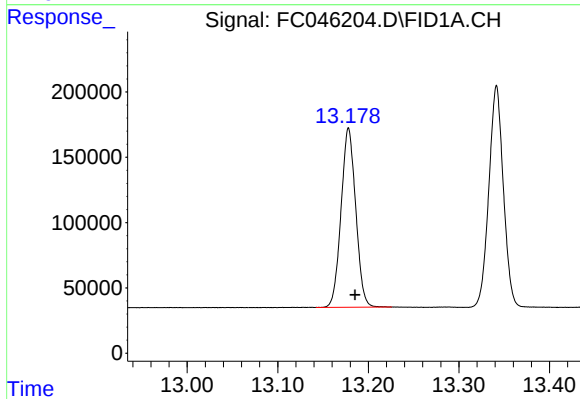
#10 n-Eicosane (C20)

R.T.: 12.732 min
Delta R.T.: -0.008 min
Response: 1901059
Conc: 17.98 ug/ml



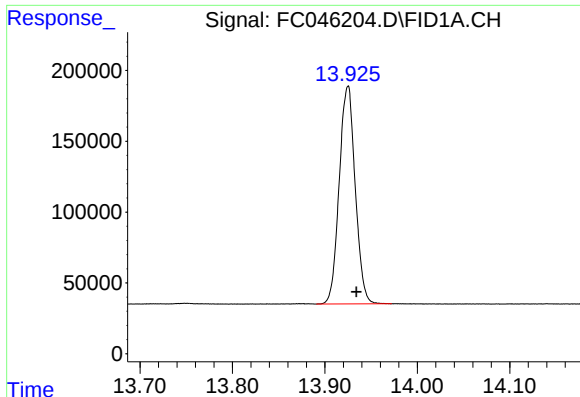
#11 n-Heneicosane (C21)

R.T.: 13.342 min
Delta R.T.: -0.009 min
Response: 1884135
Conc: 17.67 ug/ml



#12 1-chlorooctadecane (SURR)

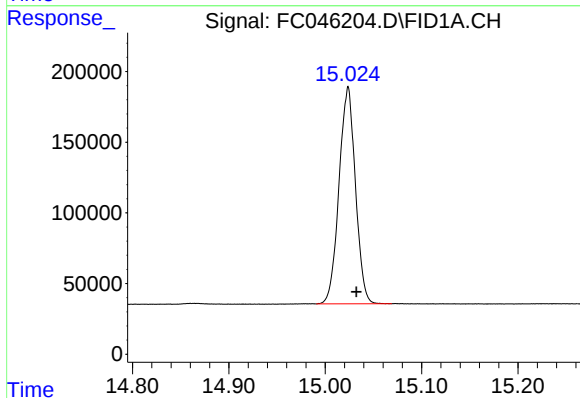
R.T.: 13.178 min
Delta R.T.: -0.007 min
Response: 1542094
Conc: 17.19 ug/ml



#13 n-Docosane (C22)

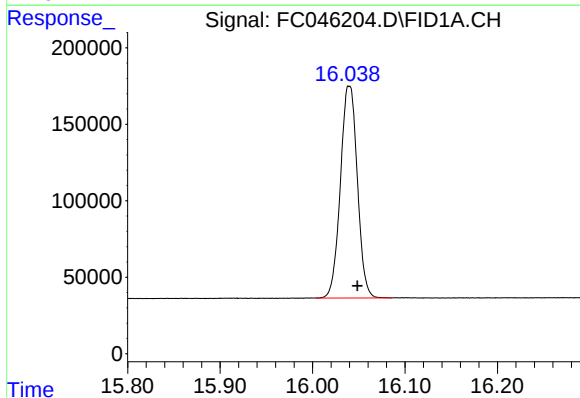
R.T.: 13.925 min
Delta R.T.: -0.009 min
Response: 1852827
Conc: 17.44 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



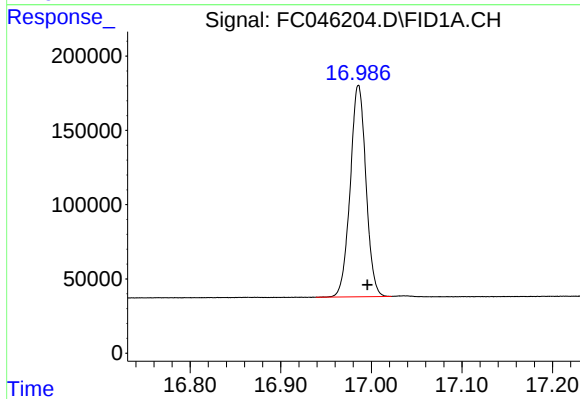
#14 n-Tetracosane (C24)

R.T.: 15.024 min
Delta R.T.: -0.008 min
Response: 1809386
Conc: 16.91 ug/ml



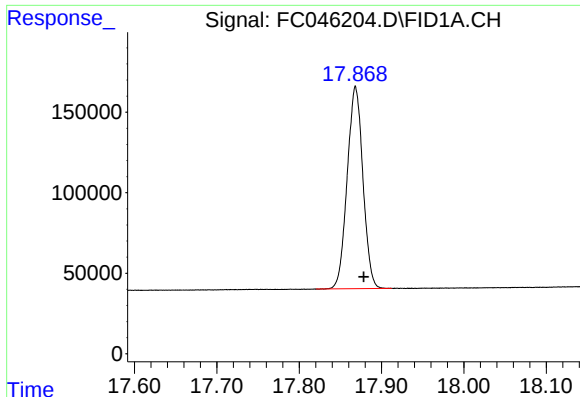
#15 n-Hexacosane (C26)

R.T.: 16.040 min
Delta R.T.: -0.009 min
Response: 1762384
Conc: 16.58 ug/ml



#16 n-Octacosane (C28)

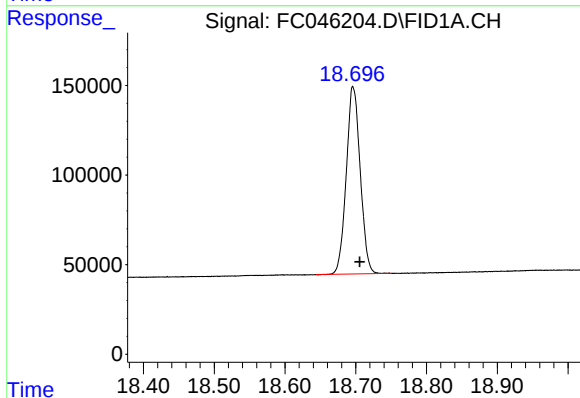
R.T.: 16.986 min
Delta R.T.: -0.010 min
Response: 1717540
Conc: 16.40 ug/ml



#17 n-Tricontane (C30)

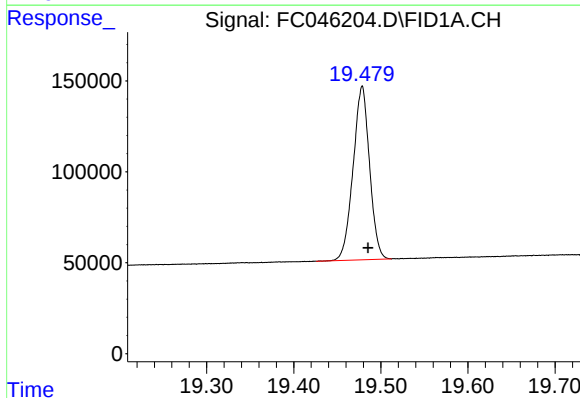
R.T.: 17.868 min
Delta R.T.: -0.010 min
Response: 1664558
Conc: 16.52 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



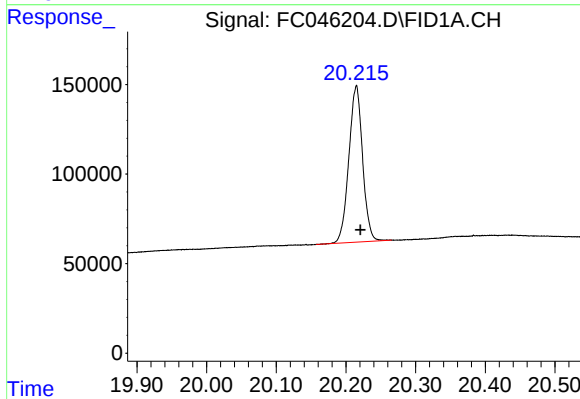
#18 n-Dotriacontane (C32)

R.T.: 18.696 min
Delta R.T.: -0.009 min
Response: 1434854
Conc: 16.77 ug/ml



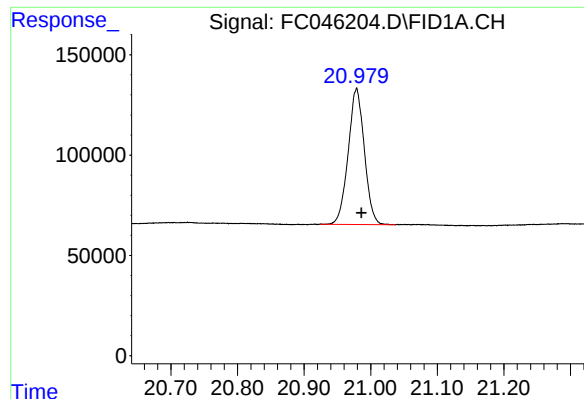
#19 n-Tetratriacontane (C34)

R.T.: 19.479 min
Delta R.T.: -0.007 min
Response: 1251062
Conc: 17.24 ug/ml



#20 n-Hexatriacontane (C36)

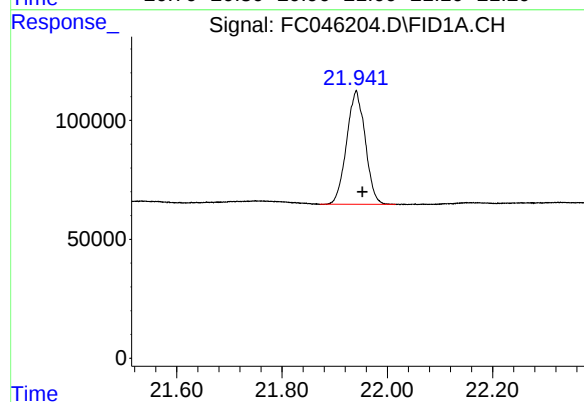
R.T.: 20.215 min
Delta R.T.: -0.006 min
Response: 1195612
Conc: 17.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.979 min
Delta R.T.: -0.007 min
Response: 1141425
Conc: 18.88 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.941 min
Delta R.T.: -0.012 min
Response: 1170174
Conc: 18.61 ug/ml