

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060619AL\
 Data File : FC041662.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jun 2019 11:06
 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: Jun 07 02:16:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 051519.M
 Quant Title : GC Extractables
 QLast Update : Wed May 15 16:14:00 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)	11.705	2080886	20.624 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
12) S 1-chlorooctadecane (S...	13.131	1646015	20.732 ug/ml
Spiked Amount 50.000		Recovery =	41.46%
Target Compounds			
1) T n-Nonane (C9)	3.484	1747191	20.357 ug/ml
2) T n-Decane (C10)	4.555	1797447	20.624 ug/ml
3) T A-Naphthalene (C11.7)	6.145	2104365	20.486 ug/ml
4) T n-Dodecane (C12)	6.567	1840117	20.871 ug/ml
5) T A~2-methylnaphthalene...	7.197	2127445	20.571 ug/ml
6) T n-Tetradecane (C14)	8.354	1892475	21.111 ug/ml
7) T n-Hexadecane (C16)	9.946	1909841	21.170 ug/ml
8) T n-Octadecane (C18)	11.382	1898466	21.012 ug/ml
10) T n-Eicosane (C20)	12.686	1897612	20.850 ug/ml
11) T n-Heneicosane (C21)	13.296	1886193	20.816 ug/ml
13) T n-Docosane (C22)	13.881	1883588	20.793 ug/ml
14) T n-Tetracosane (C24)	14.981	1888561	20.771 ug/ml
15) T n-Hexacosane (C26)	16.000	1897772	20.910 ug/ml
16) T n-Octacosane (C28)	16.947	1927129	21.048 ug/ml
17) T n-Tricontane (C30)	17.831	1919965	21.370 ug/ml
18) T n-Dotriacontane (C32)	18.663	1818870	21.736 ug/ml
19) T n-Tetratriacontane (C34)	19.445	1568577	21.942 ug/ml
20) T n-Hexatriacontane (C36)	20.182	1396287	21.912 ug/ml
21) T n-Octatriacontane (C38)	20.936	1330189	22.043 ug/ml
22) T n-Tetracontane (C40)	21.881	1259511	21.407 ug/ml

(f)=RT Delta > 1/2 Window

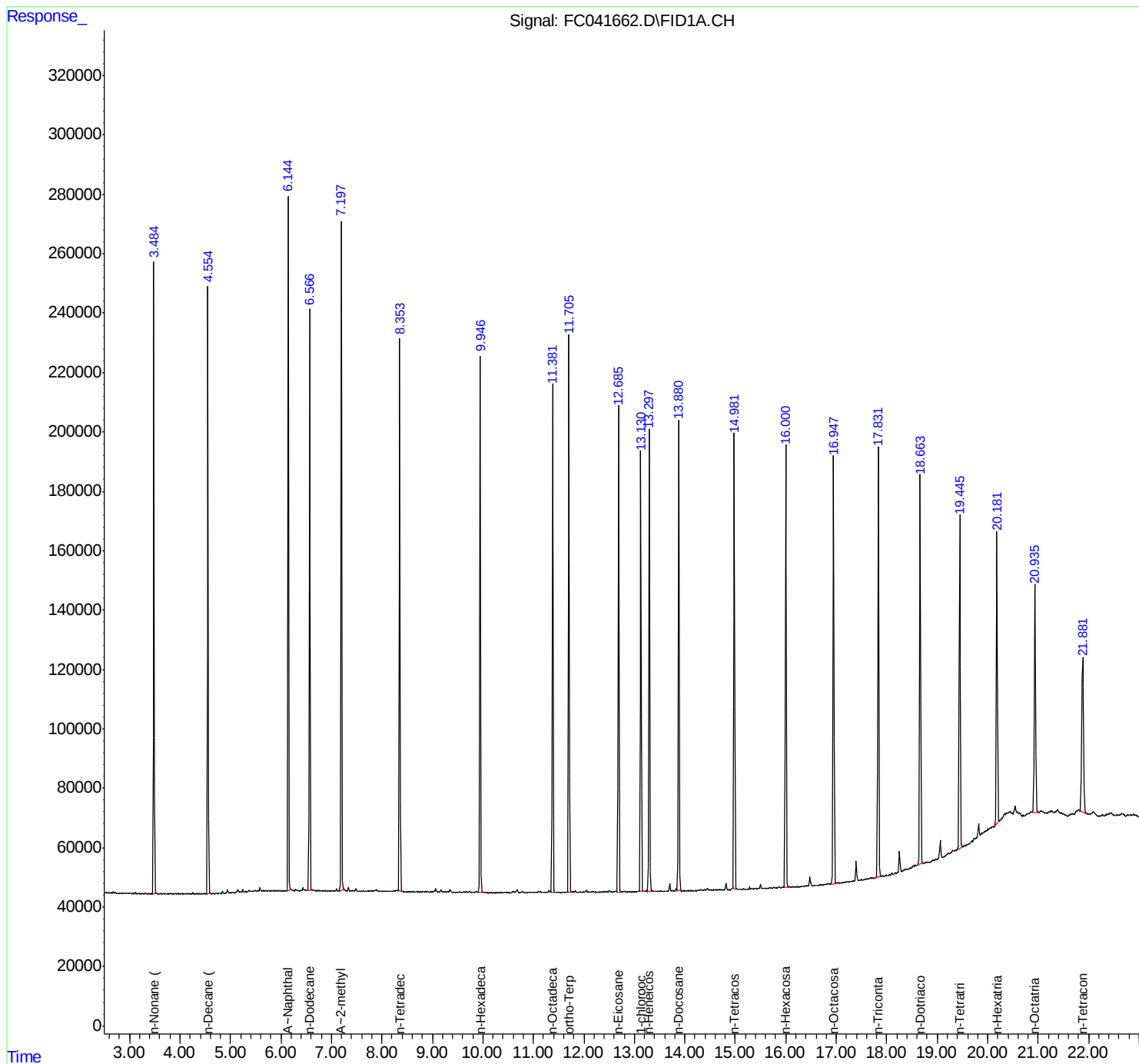
(m)=manual int.

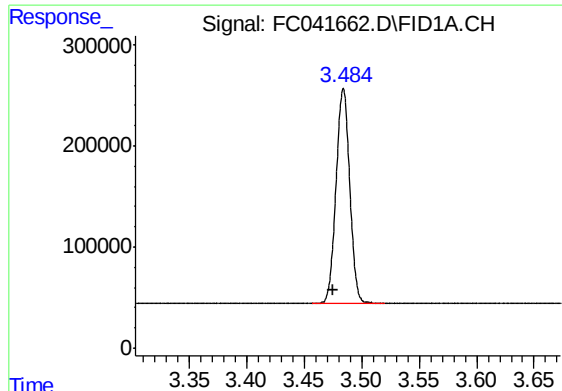
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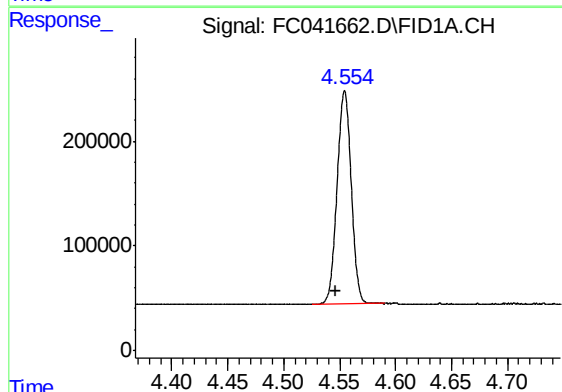




#1 n-Nonane (C9)

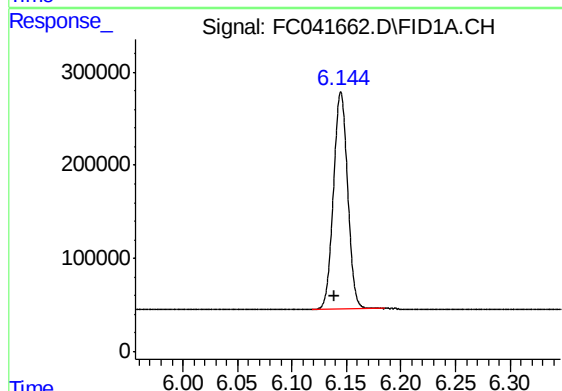
R.T.: 3.484 min
Delta R.T.: 0.009 min
Response: 1747191
Conc: 20.36 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



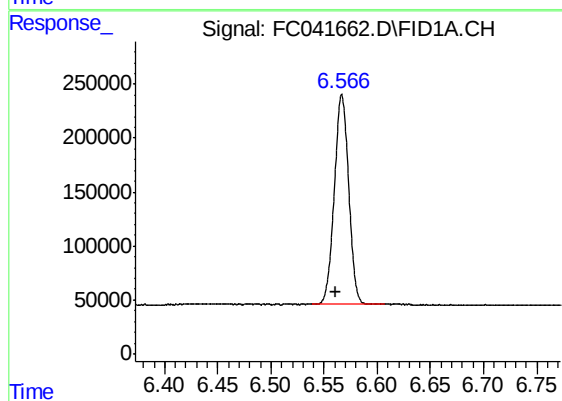
#2 n-Decane (C10)

R.T.: 4.555 min
Delta R.T.: 0.008 min
Response: 1797447
Conc: 20.62 ug/ml



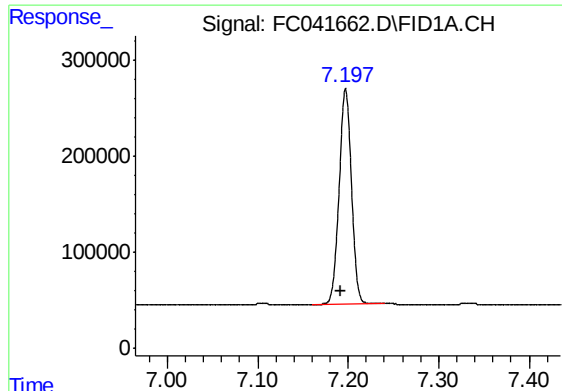
#3 A~Naphthalene (C11.7)

R.T.: 6.145 min
Delta R.T.: 0.006 min
Response: 2104365
Conc: 20.49 ug/ml



#4 n-Dodecane (C12)

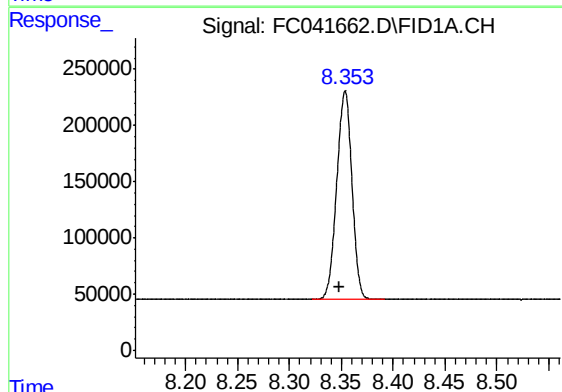
R.T.: 6.567 min
Delta R.T.: 0.006 min
Response: 1840117
Conc: 20.87 ug/ml



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

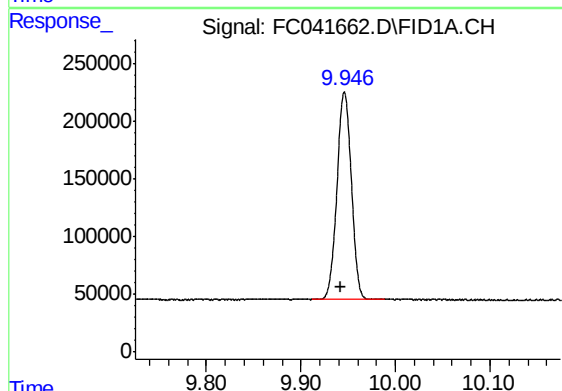
R.T.: 7.197 min
Delta R.T.: 0.005 min
Response: 2127445
Conc: 20.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



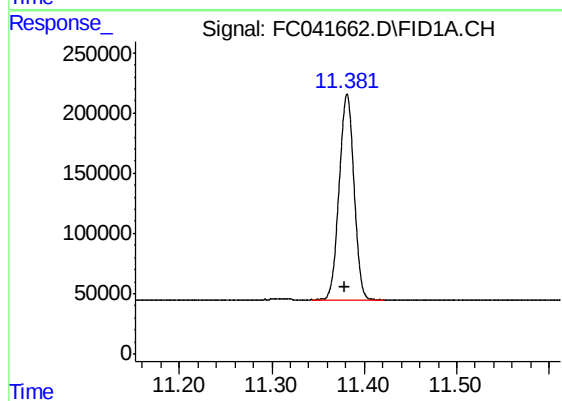
#6 n-Tetradecane (C14)

R.T.: 8.354 min
Delta R.T.: 0.006 min
Response: 1892475
Conc: 21.11 ug/ml



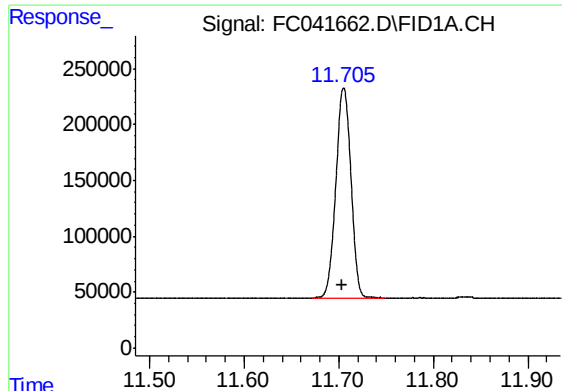
#7 n-Hexadecane (C16)

R.T.: 9.946 min
Delta R.T.: 0.004 min
Response: 1909841
Conc: 21.17 ug/ml



#8 n-Octadecane (C18)

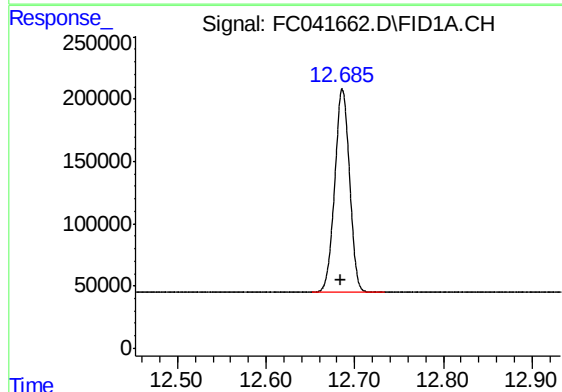
R.T.: 11.382 min
Delta R.T.: 0.003 min
Response: 1898466
Conc: 21.01 ug/ml



#9 ortho-Terphenyl (SURR)

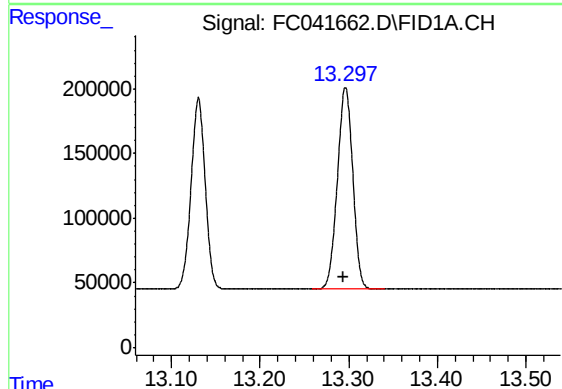
R.T.: 11.705 min
Delta R.T.: 0.002 min
Response: 2080886
Conc: 20.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



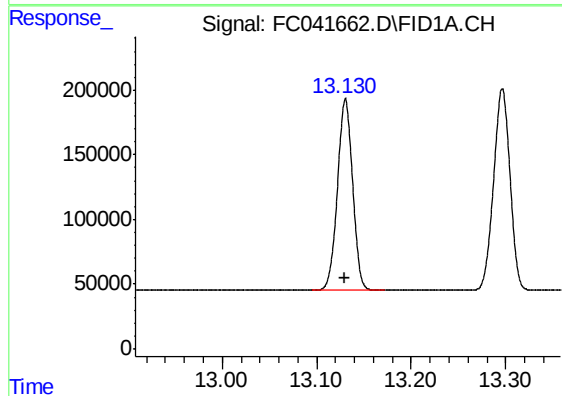
#10 n-Eicosane (C20)

R.T.: 12.686 min
Delta R.T.: 0.002 min
Response: 1897612
Conc: 20.85 ug/ml



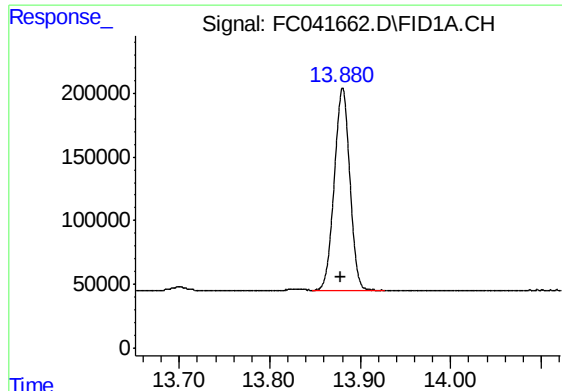
#11 n-Heneicosane (C21)

R.T.: 13.296 min
Delta R.T.: 0.002 min
Response: 1886193
Conc: 20.82 ug/ml



#12 1-chlorooctadecane (SURR)

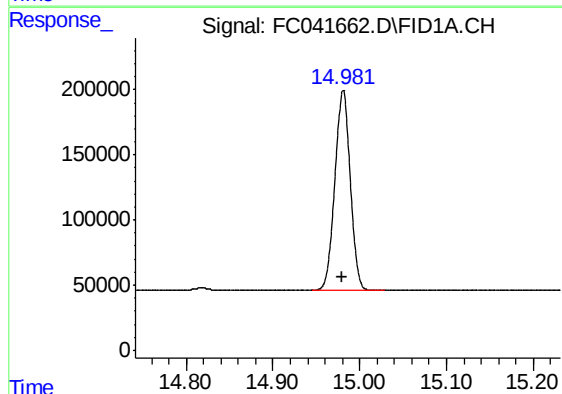
R.T.: 13.131 min
Delta R.T.: 0.001 min
Response: 1646015
Conc: 20.73 ug/ml



#13 n-Docosane (C22)

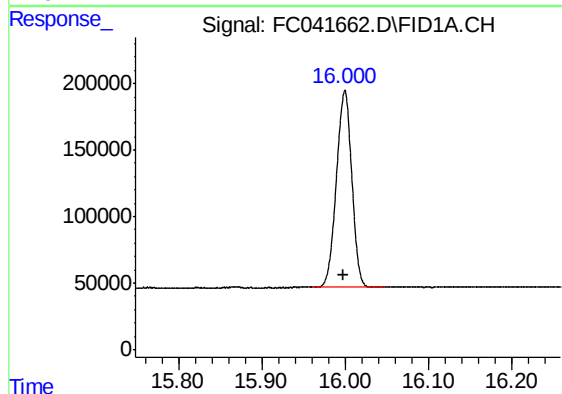
R.T.: 13.881 min
Delta R.T.: 0.002 min
Response: 1883588
Conc: 20.79 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



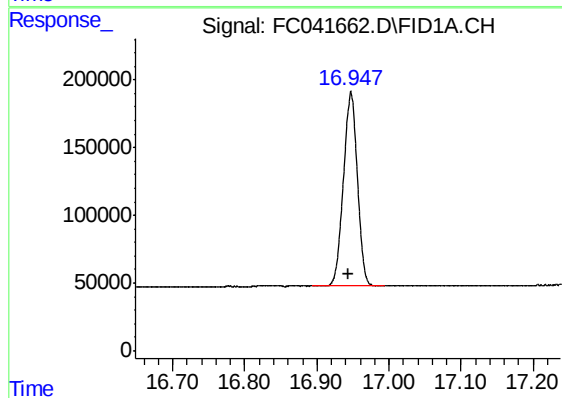
#14 n-Tetracosane (C24)

R.T.: 14.981 min
Delta R.T.: 0.002 min
Response: 1888561
Conc: 20.77 ug/ml



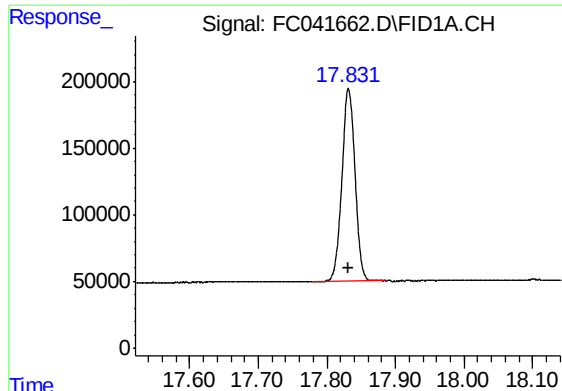
#15 n-Hexacosane (C26)

R.T.: 16.000 min
Delta R.T.: 0.002 min
Response: 1897772
Conc: 20.91 ug/ml



#16 n-Octacosane (C28)

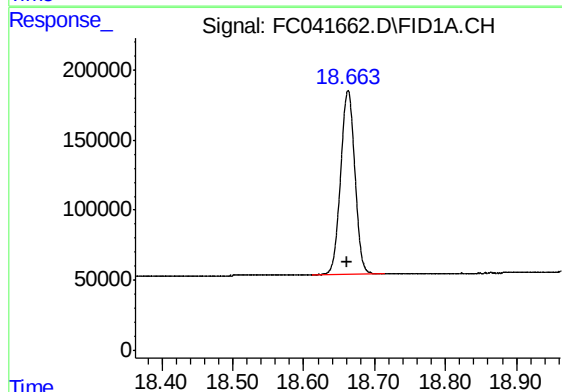
R.T.: 16.947 min
Delta R.T.: 0.003 min
Response: 1927129
Conc: 21.05 ug/ml



#17 n-Tricontane (C30)

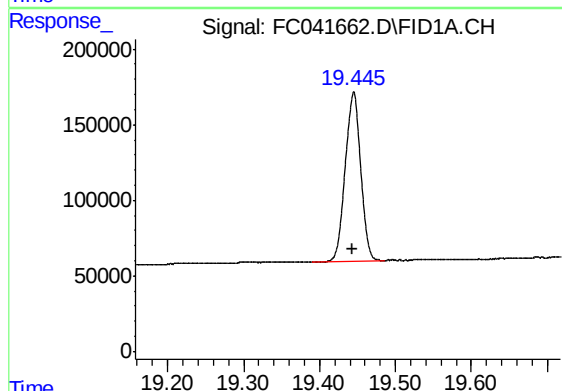
R.T.: 17.831 min
Delta R.T.: 0.000 min
Response: 1919965
Conc: 21.37 ug/ml

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FID_C
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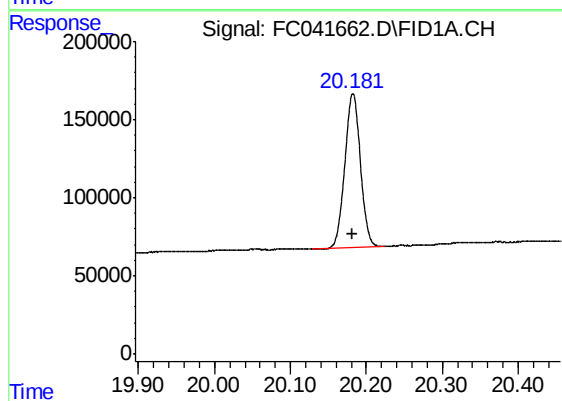
#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: 0.002 min
Response: 1818870
Conc: 21.74 ug/ml



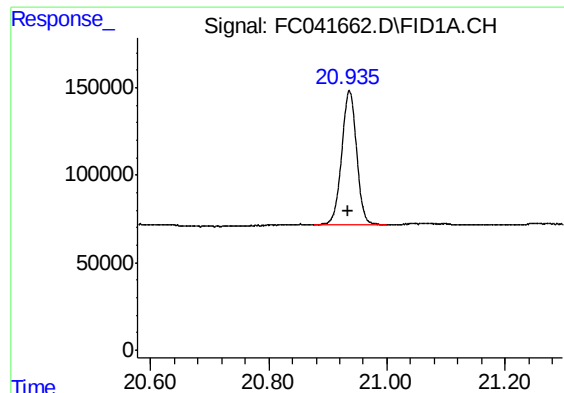
#19 n-Tetatriacontane (C34)

R.T.: 19.445 min
Delta R.T.: 0.001 min
Response: 1568577
Conc: 21.94 ug/ml



#20 n-Hexatriacontane (C36)

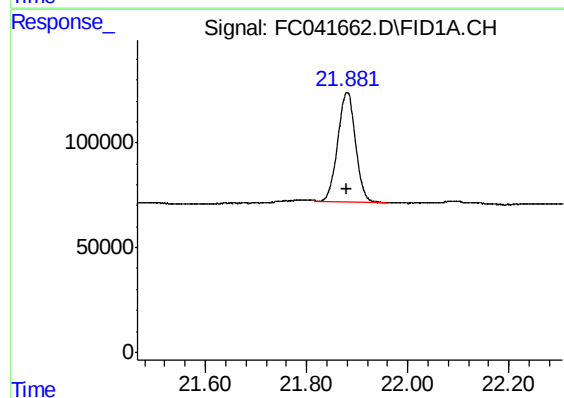
R.T.: 20.182 min
Delta R.T.: 0.000 min
Response: 1396287
Conc: 21.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.936 min
Delta R.T.: 0.002 min
Response: 1330189
Conc: 22.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.881 min
Delta R.T.: 0.001 min
Response: 1259511
Conc: 21.41 ug/ml