

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091119AL\
 Data File : FC043452.D
 Signal(s) : FID1A.CH
 Acq On : 11 Sep 2019 22:12
 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: Sep 12 04:43:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082719.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 12 04:31:50 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)	11.599	2398071	16.749 ug/ml
Spiked Amount 50.000		Recovery =	33.50%
12) S 1-chlorooctadecane (S...	13.021	1807773	16.547 ug/ml
Spiked Amount 50.000		Recovery =	33.09%
Target Compounds			
1) T n-Nonane (C9)	3.441	2292900	19.252 ug/ml
2) T n-Decane (C10)	4.495	2305668	19.390 ug/ml
3) T A-Naphthalene (C11.7)	6.074	2291351	18.784 ug/ml
4) T n-Dodecane (C12)	6.489	2361253	19.301 ug/ml
5) T A~2-methylnaphthalene...	7.120	2298918	18.728 ug/ml
6) T n-Tetradecane (C14)	8.264	2331878	18.864 ug/ml
7) T n-Hexadecane (C16)	9.850	2298783	18.438 ug/ml
8) T n-Octadecane (C18)	11.279	2255833	17.735 ug/ml
10) T n-Eicosane (C20)	12.578	2193909	17.089 ug/ml
11) T n-Heneicosane (C21)	13.185	2173951	16.786 ug/ml
13) T n-Docosane (C22)	13.767	2123392	16.529 ug/ml
14) T n-Tetracosane (C24)	14.862	2064827	16.117 ug/ml
15) T n-Hexacosane (C26)	15.876	1998640	15.869 ug/ml
16) T n-Octacosane (C28)	16.821	1963234	15.989 ug/ml
17) T n-Tricontane (C30)	17.703	1943656	16.115 ug/ml
18) T n-Dotriacontane (C32)	18.530	1910963	16.753 ug/ml
19) T n-Tetratriacontane (C34)	19.310	1870070	17.381 ug/ml
20) T n-Hexatriacontane (C36)	20.046	1820161	17.288 ug/ml
21) T n-Octatriacontane (C38)	20.772	1762665	18.840 ug/ml
22) T n-Tetracontane (C40)	21.662	1830025	18.941 ug/ml

(f)=RT Delta > 1/2 Window

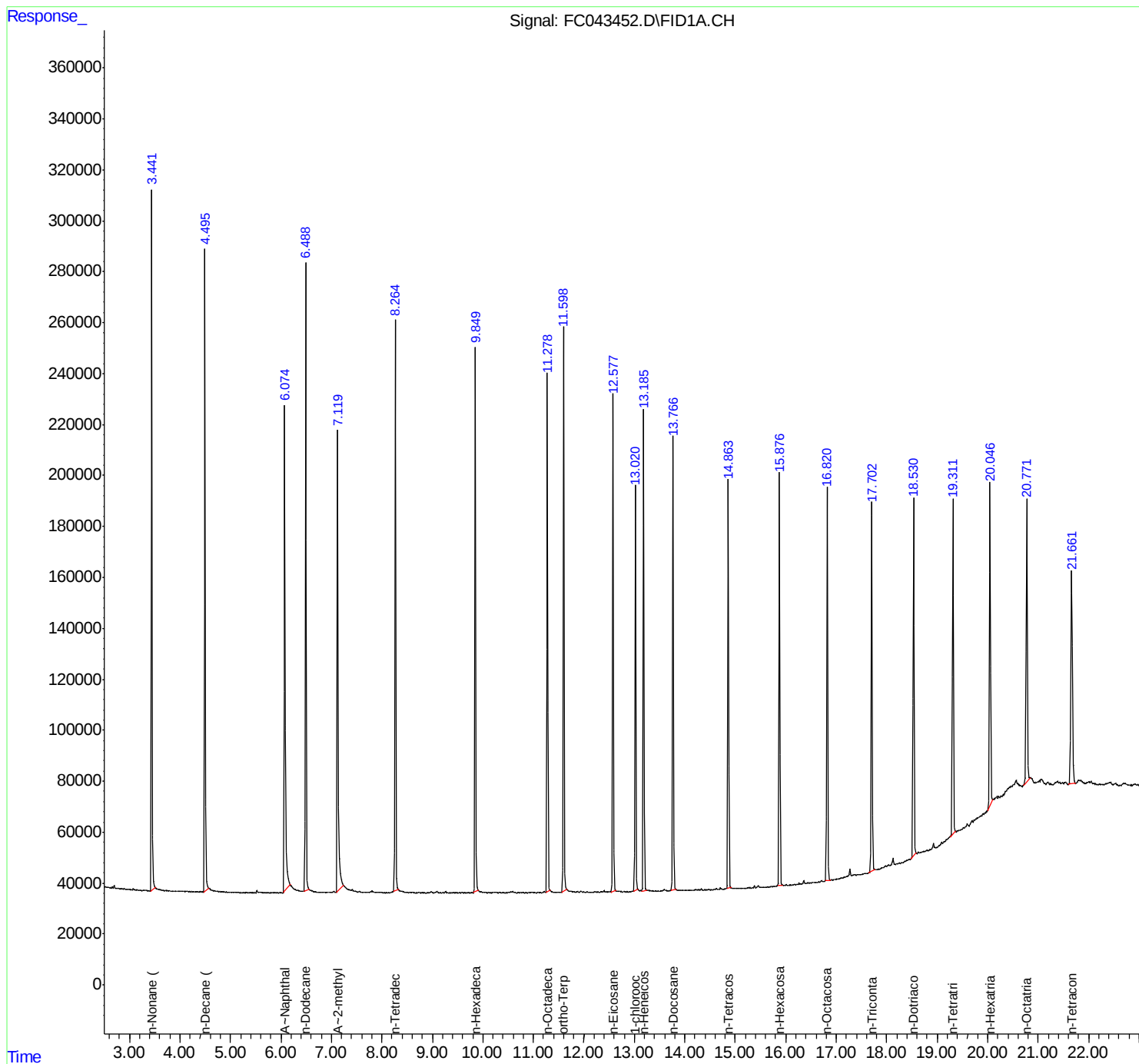
(m)=manual int.

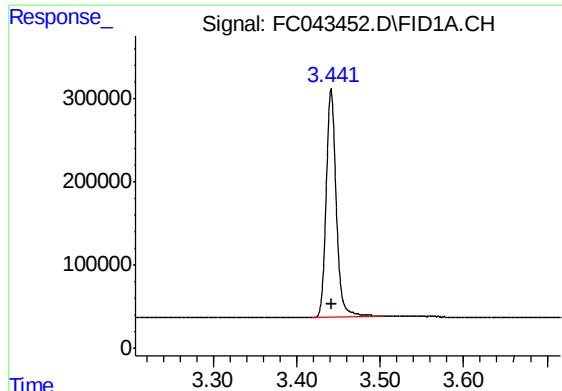
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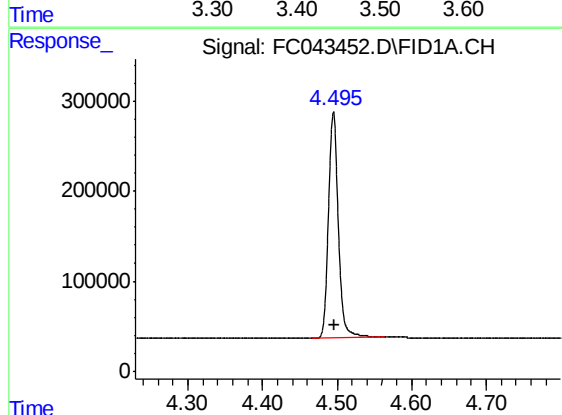




#1 n-Nonane (C9)

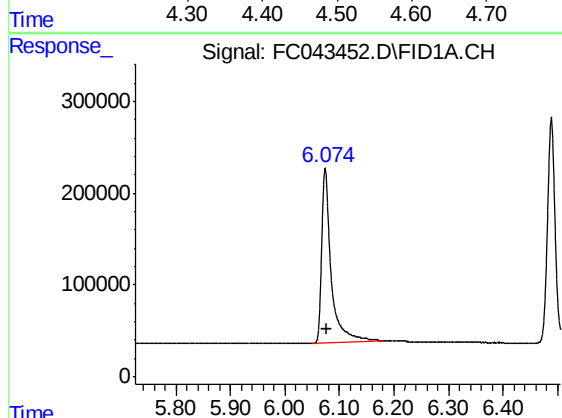
R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 2292900
Conc: 19.25 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



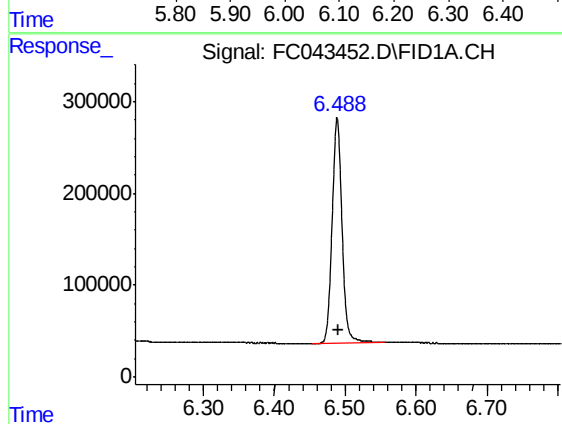
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: -0.001 min
Response: 2305668
Conc: 19.39 ug/ml



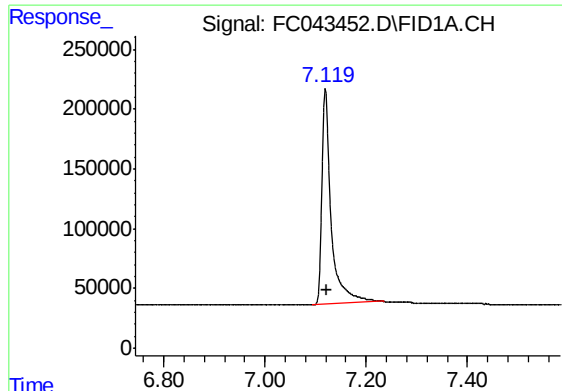
#3 A~Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 2291351
Conc: 18.78 ug/ml



#4 n-Dodecane (C12)

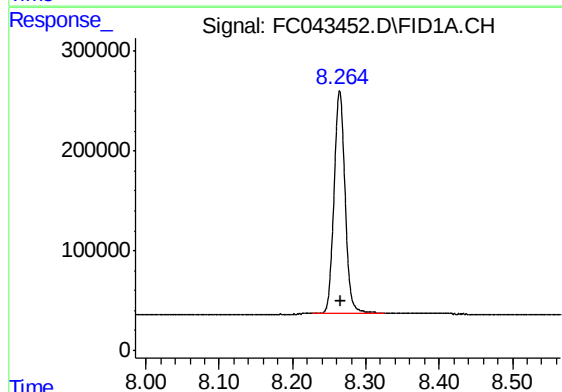
R.T.: 6.489 min
Delta R.T.: -0.001 min
Response: 2361253
Conc: 19.30 ug/ml



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

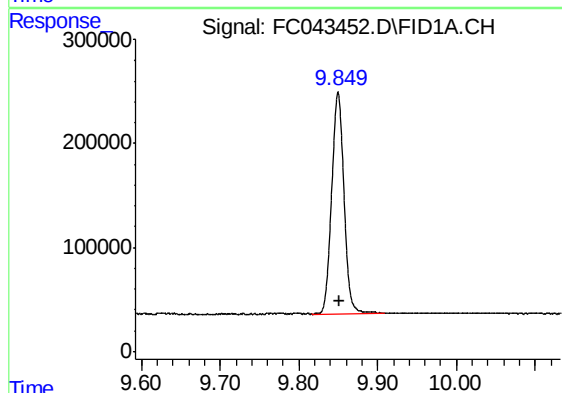
R.T.: 7.120 min
Delta R.T.: -0.002 min
Response: 2298918
Conc: 18.73 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



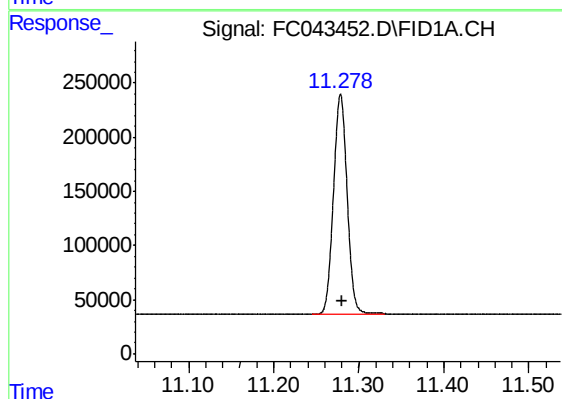
#6 n-Tetradecane (C14)

R.T.: 8.264 min
Delta R.T.: -0.001 min
Response: 2331878
Conc: 18.86 ug/ml



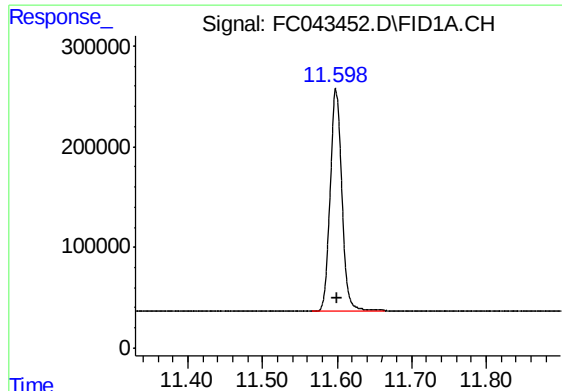
#7 n-Hexadecane (C16)

R.T.: 9.850 min
Delta R.T.: 0.000 min
Response: 2298783
Conc: 18.44 ug/ml



#8 n-Octadecane (C18)

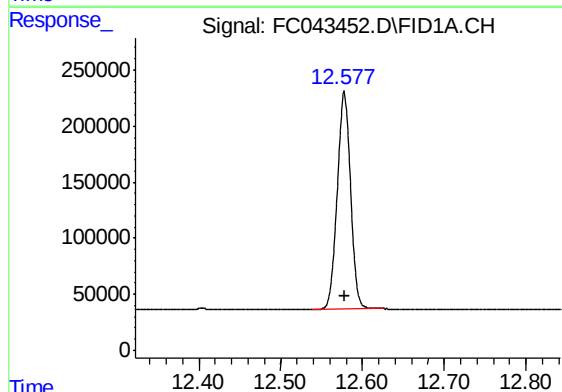
R.T.: 11.279 min
Delta R.T.: -0.002 min
Response: 2255833
Conc: 17.73 ug/ml



#9 ortho-Terphenyl (SURR)

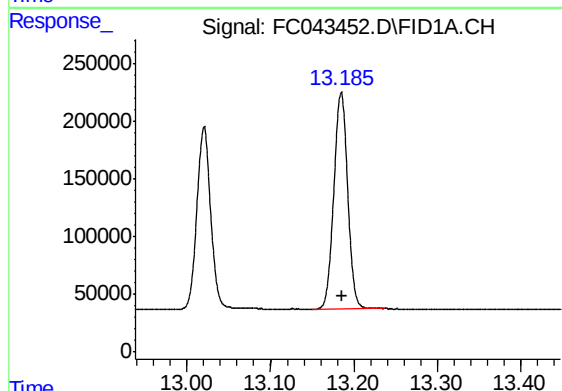
R.T.: 11.599 min
Delta R.T.: -0.001 min
Response: 2398071
Conc: 16.75 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



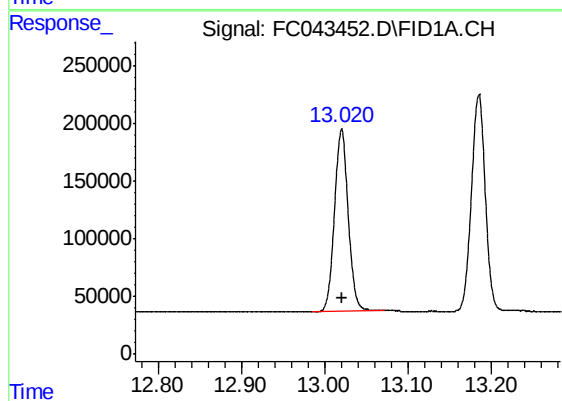
#10 n-Eicosane (C20)

R.T.: 12.578 min
Delta R.T.: -0.001 min
Response: 2193909
Conc: 17.09 ug/ml



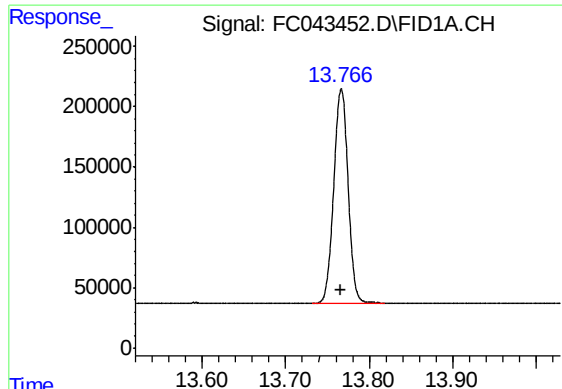
#11 n-Heneicosane (C21)

R.T.: 13.185 min
Delta R.T.: -0.001 min
Response: 2173951
Conc: 16.79 ug/ml



#12 1-chlorooctadecane (SURR)

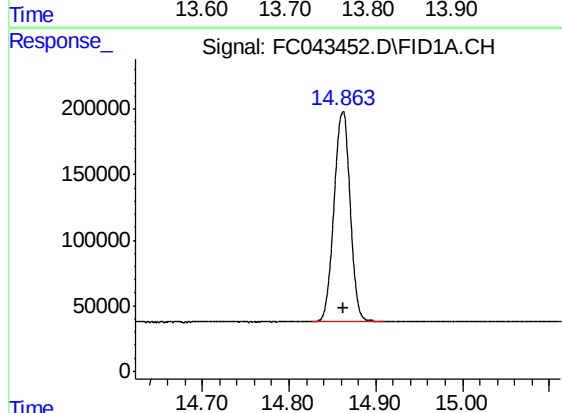
R.T.: 13.021 min
Delta R.T.: 0.000 min
Response: 1807773
Conc: 16.55 ug/ml



#13 n-Docosane (C22)

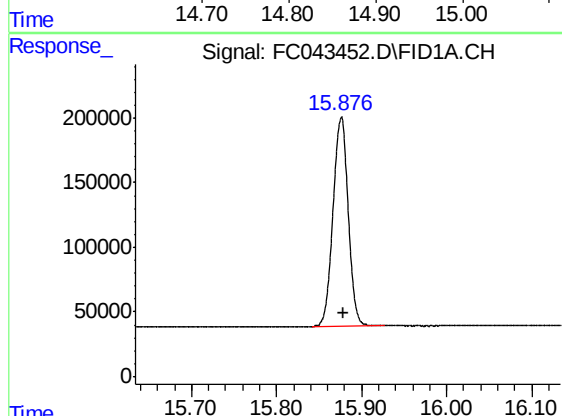
R.T.: 13.767 min
Delta R.T.: 0.000 min
Response: 2123392
Conc: 16.53 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



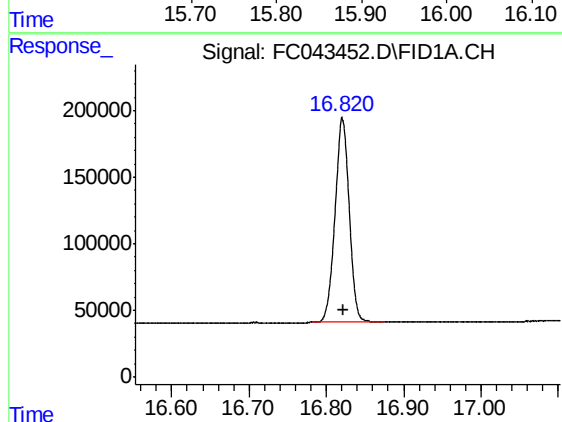
#14 n-Tetracosane (C24)

R.T.: 14.862 min
Delta R.T.: 0.000 min
Response: 2064827
Conc: 16.12 ug/ml



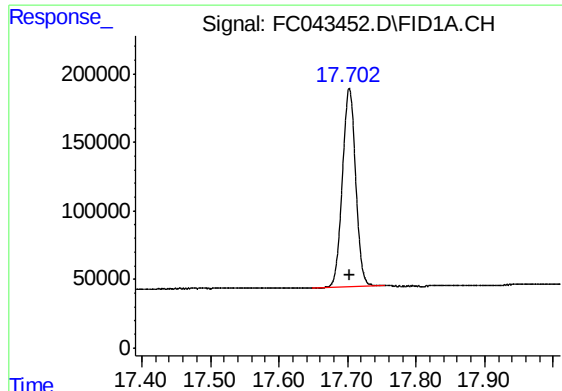
#15 n-Hexacosane (C26)

R.T.: 15.876 min
Delta R.T.: -0.002 min
Response: 1998640
Conc: 15.87 ug/ml



#16 n-Octacosane (C28)

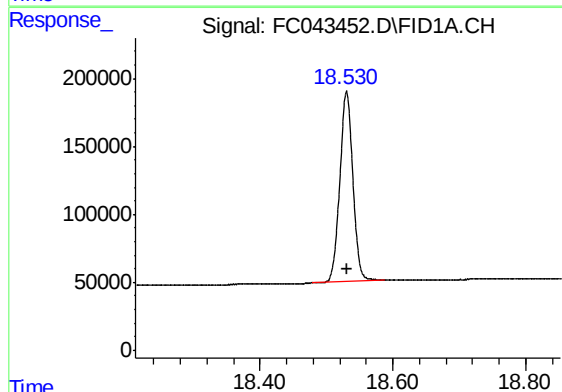
R.T.: 16.821 min
Delta R.T.: 0.000 min
Response: 1963234
Conc: 15.99 ug/ml



#17 n-Tricontane (C30)

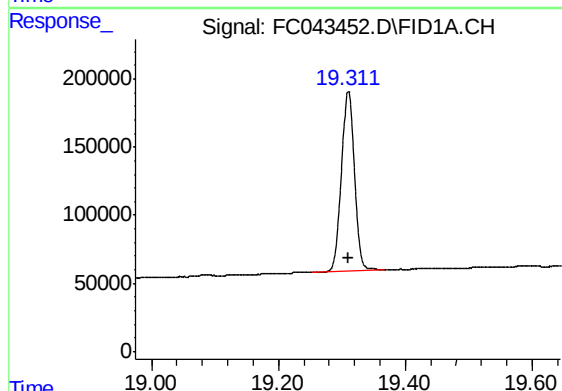
R.T.: 17.703 min
Delta R.T.: 0.000 min
Response: 1943656
Conc: 16.12 ug/ml

Instrument :
FID_C
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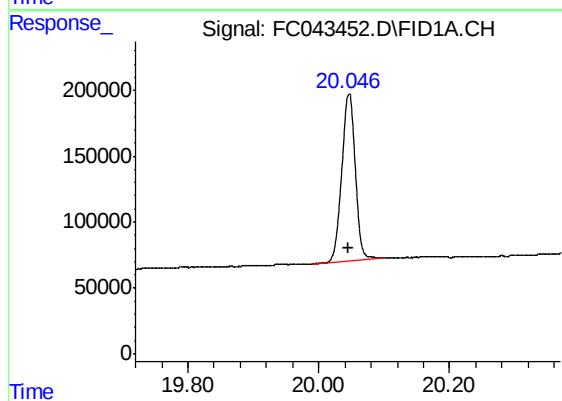
#18 n-Dotriacontane (C32)

R.T.: 18.530 min
Delta R.T.: -0.002 min
Response: 1910963
Conc: 16.75 ug/ml



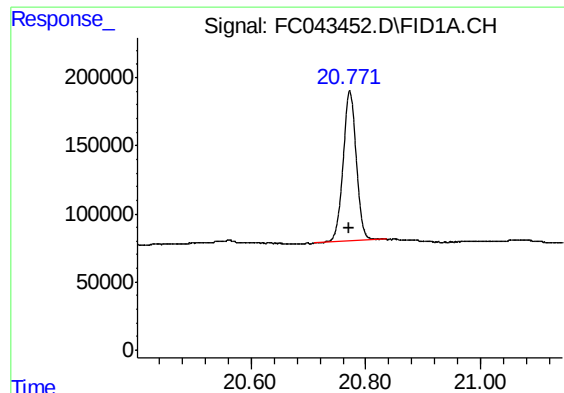
#19 n-Tetratriacontane (C34)

R.T.: 19.310 min
Delta R.T.: 0.000 min
Response: 1870070
Conc: 17.38 ug/ml



#20 n-Hexatriacontane (C36)

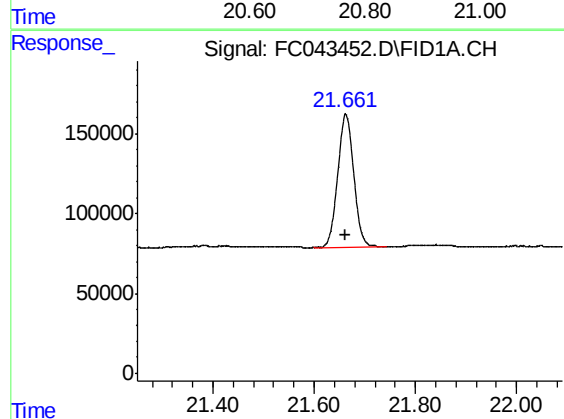
R.T.: 20.046 min
Delta R.T.: 0.000 min
Response: 1820161
Conc: 17.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.772 min
Delta R.T.: 0.000 min
Response: 1762665
Conc: 18.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.662 min
Delta R.T.: 0.000 min
Response: 1830025
Conc: 18.94 ug/ml