

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012419AL\
 Data File : FC038776.D
 Signal(s) : FID1A.CH
 Acq On : 25 Jan 2019 00:51
 Operator : AJ\SJ
 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: Jan 25 02:15:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010919.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 10 05:47:13 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)	11.248	2220530	20.570 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
12) S 1-chlorooctadecane (S...	12.691	1665182	21.093 ug/ml
Spiked Amount 50.000		Recovery =	42.19%
Target Compounds			
1) T n-Nonane (C9)	3.093	1696219	18.983 ug/ml
2) T n-Decane (C10)	4.148	1748920	19.662 ug/ml
3) T A-Naphthalene (C11.7)	5.707	1991461	20.395 ug/ml
4) T n-Dodecane (C12)	6.151	1836993	20.500 ug/ml
5) T A~2-methylnaphthalene...	6.755	1969370	20.529 ug/ml
6) T n-Tetradecane (C14)	7.931	1891258	21.017 ug/ml
7) T n-Hexadecane (C16)	9.521	1938195	21.390 ug/ml
8) T n-Octadecane (C18)	10.952	1940957	21.273 ug/ml
10) T n-Eicosane (C20)	12.254	1951328	21.344 ug/ml
11) T n-Heneicosane (C21)	12.861	1942446	21.713 ug/ml
13) T n-Docosane (C22)	13.445	1941820	21.757 ug/ml
14) T n-Tetracosane (C24)	14.542	1941281	21.986 ug/ml
15) T n-Hexacosane (C26)	15.557	1944595	22.351 ug/ml
16) T n-Octacosane (C28)	16.503	1994441	22.962 ug/ml
17) T n-Tricontane (C30)	17.386	1985544	22.985 ug/ml
18) T n-Dotriacontane (C32)	18.215	1865193	22.923 ug/ml
19) T n-Tetratriacontane (C34)	18.995	1622789	23.950 ug/ml
20) T n-Hexatriacontane (C36)	19.732	1448367	24.230 ug/ml
21) T n-Octatriacontane (C38)	20.429	1399084	21.977 ug/ml
22) T n-Tetracontane (C40)	21.223	1362429	23.424 ug/ml

(f)=RT Delta > 1/2 Window

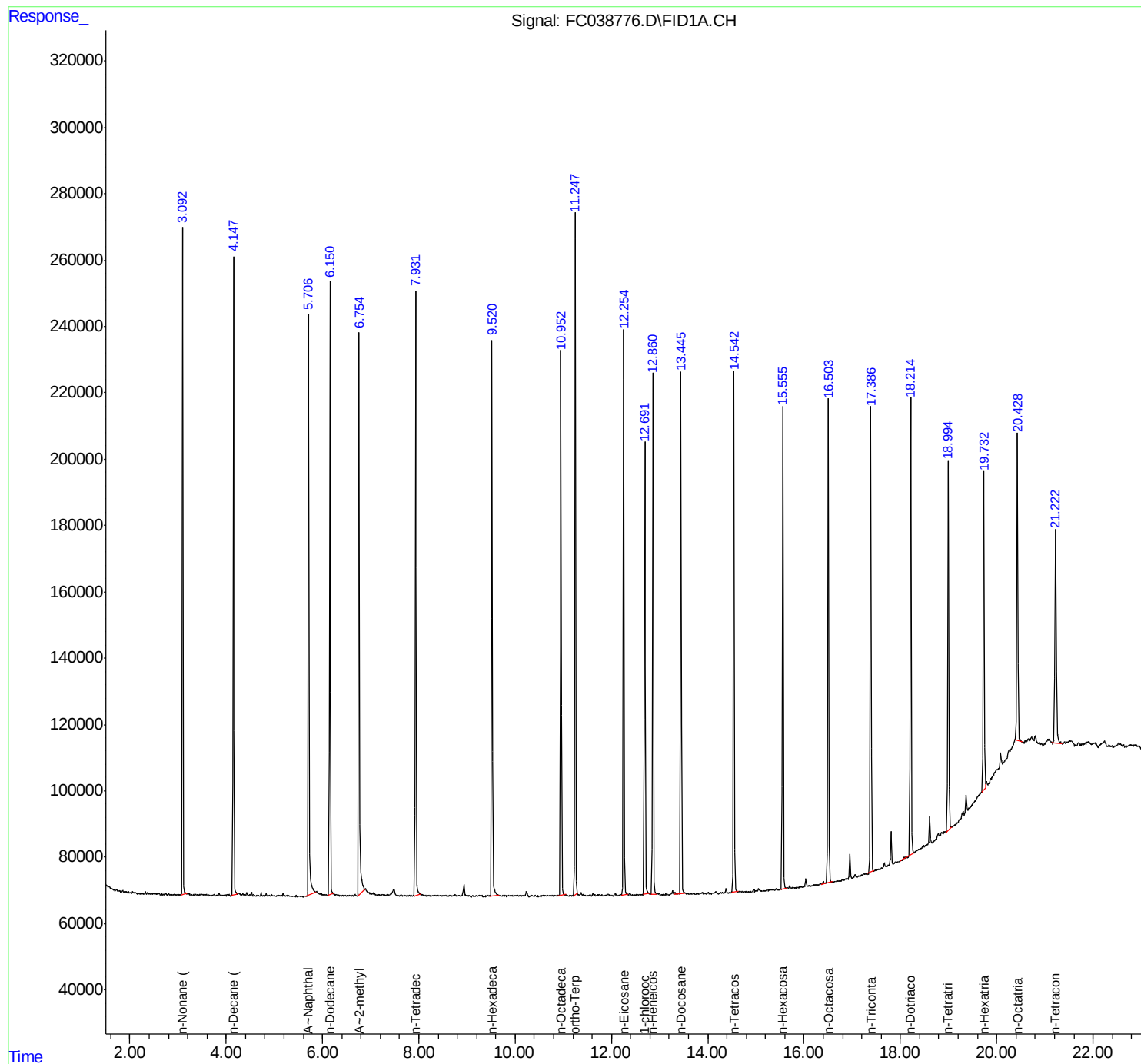
(m)=manual int.

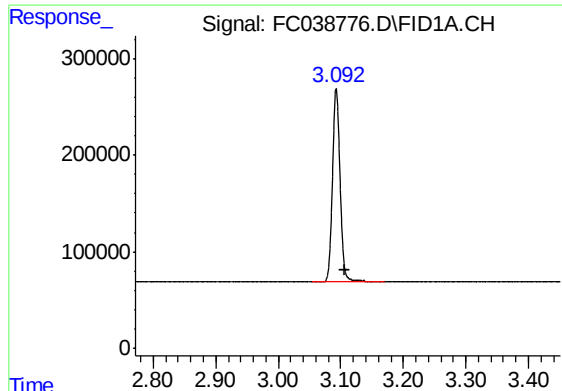
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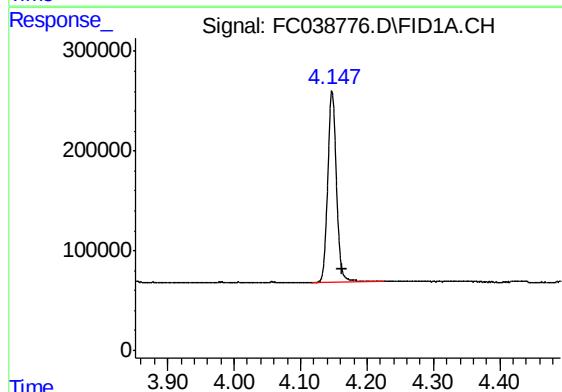




#1 n-Nonane (C9)

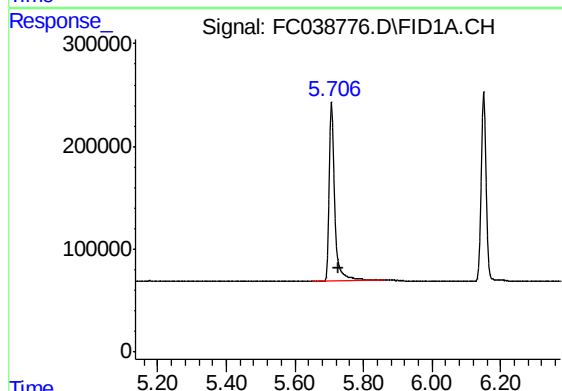
R.T.: 3.093 min
Delta R.T.: -0.013 min
Response: 1696219
Conc: 18.98 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



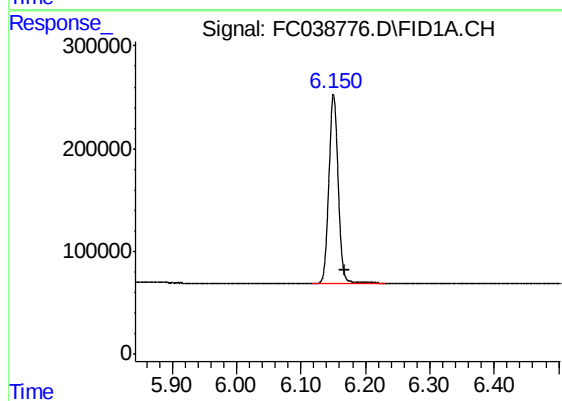
#2 n-Decane (C10)

R.T.: 4.148 min
Delta R.T.: -0.015 min
Response: 1748920
Conc: 19.66 ug/ml



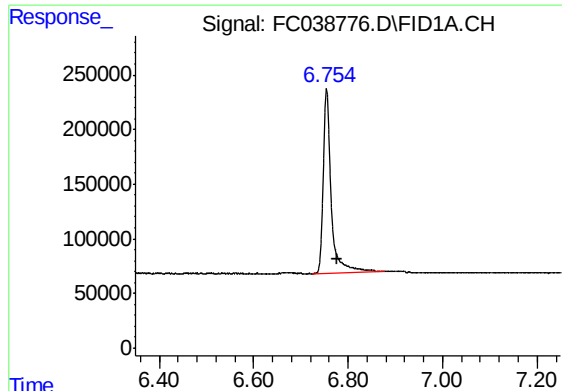
#3 A~Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: -0.021 min
Response: 1991461
Conc: 20.40 ug/ml



#4 n-Dodecane (C12)

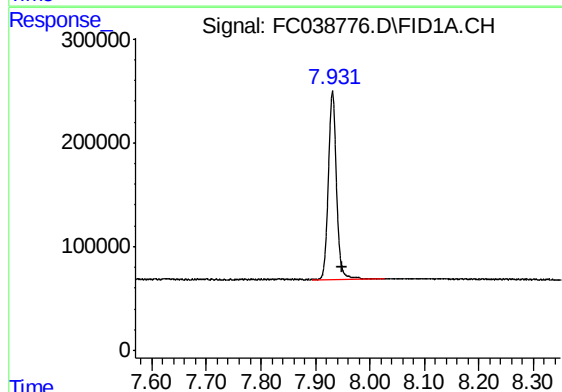
R.T.: 6.151 min
Delta R.T.: -0.016 min
Response: 1836993
Conc: 20.50 ug/ml



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

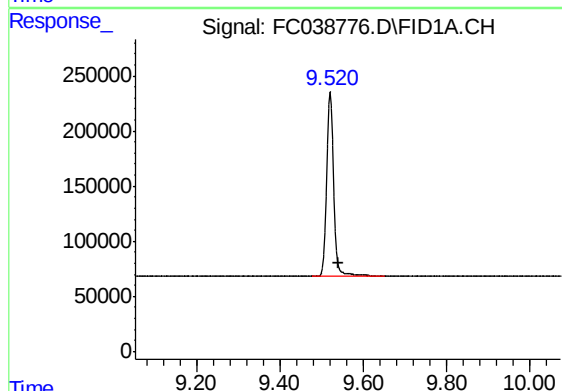
R.T.: 6.755 min
Delta R.T.: -0.022 min
Response: 1969370
Conc: 20.53 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



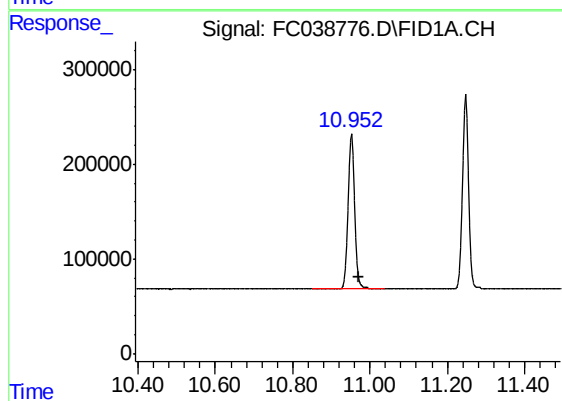
#6 n-Tetradecane (C14)

R.T.: 7.931 min
Delta R.T.: -0.018 min
Response: 1891258
Conc: 21.02 ug/ml



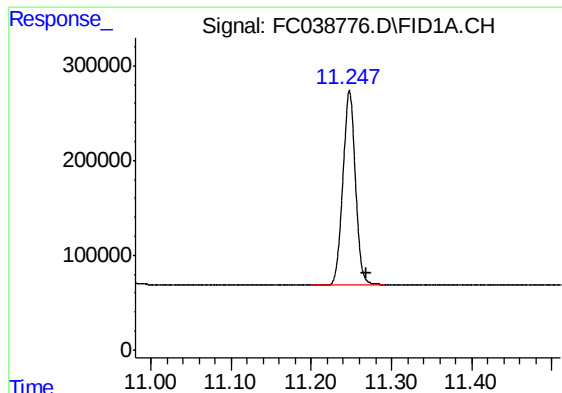
#7 n-Hexadecane (C16)

R.T.: 9.521 min
Delta R.T.: -0.019 min
Response: 1938195
Conc: 21.39 ug/ml



#8 n-Octadecane (C18)

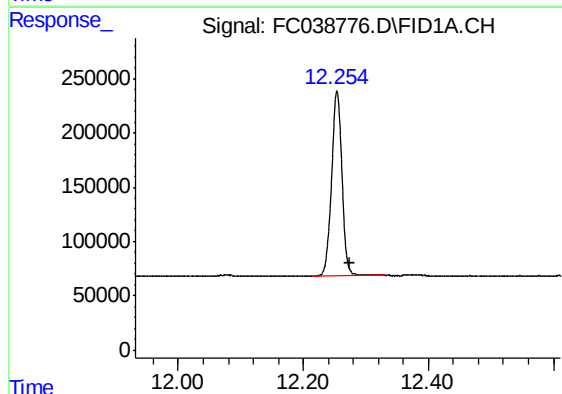
R.T.: 10.952 min
Delta R.T.: -0.020 min
Response: 1940957
Conc: 21.27 ug/ml



#9 ortho-Terphenyl (SURR)

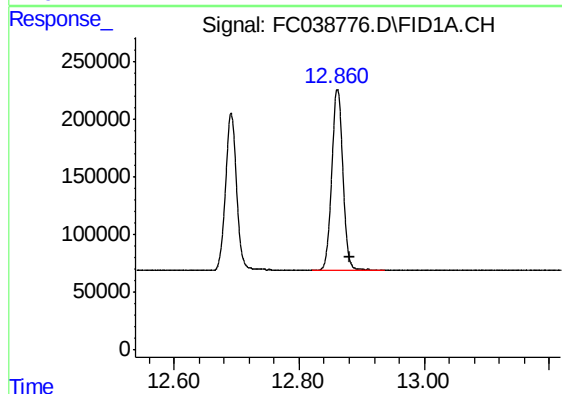
R.T.: 11.248 min
Delta R.T.: -0.021 min
Response: 2220530
Conc: 20.57 ug/ml

Instrument :
FID_C
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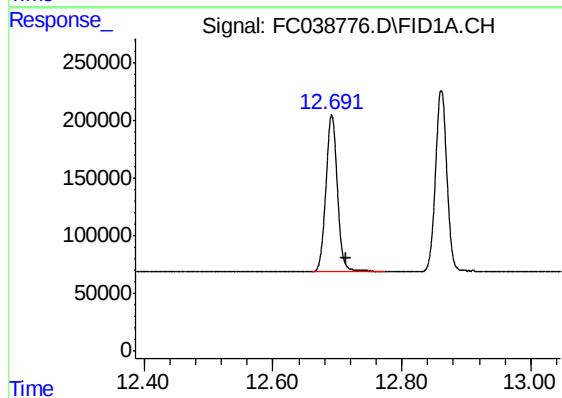
#10 n-Eicosane (C20)

R.T.: 12.254 min
Delta R.T.: -0.020 min
Response: 1951328
Conc: 21.34 ug/ml



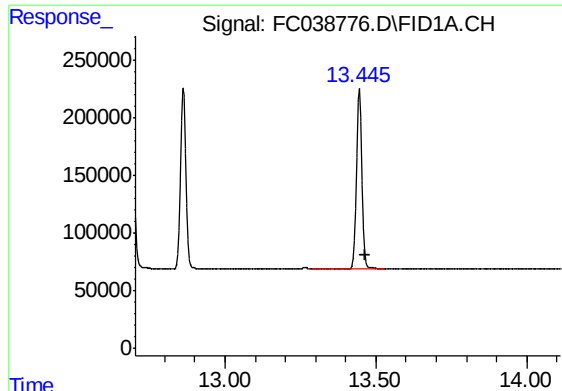
#11 n-Heneicosane (C21)

R.T.: 12.861 min
Delta R.T.: -0.021 min
Response: 1942446
Conc: 21.71 ug/ml



#12 1-chlorooctadecane (SURR)

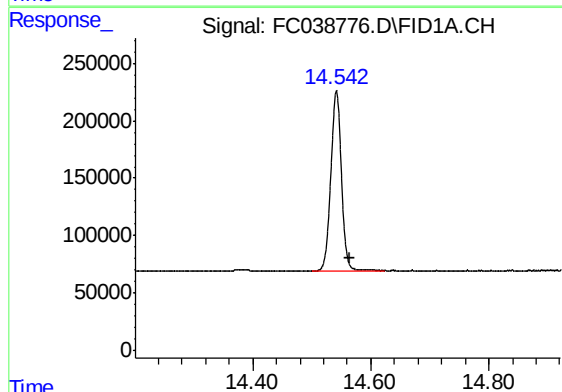
R.T.: 12.691 min
Delta R.T.: -0.021 min
Response: 1665182
Conc: 21.09 ug/ml



#13 n-Docosane (C22)

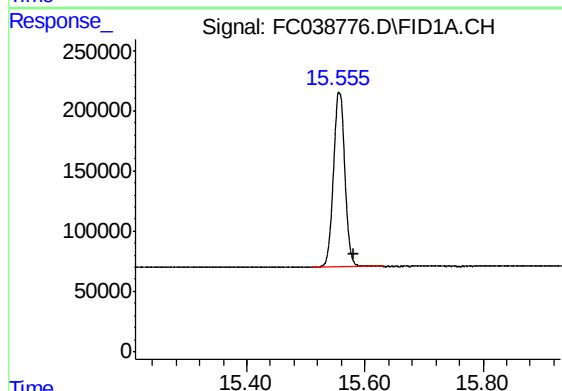
R.T.: 13.445 min
Delta R.T.: -0.021 min
Response: 1941820
Conc: 21.76 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



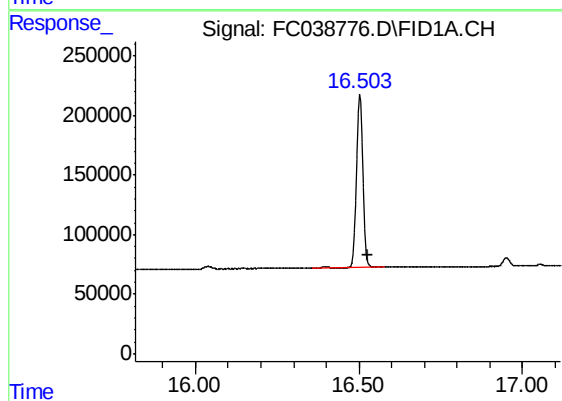
#14 n-Tetracosane (C24)

R.T.: 14.542 min
Delta R.T.: -0.022 min
Response: 1941281
Conc: 21.99 ug/ml



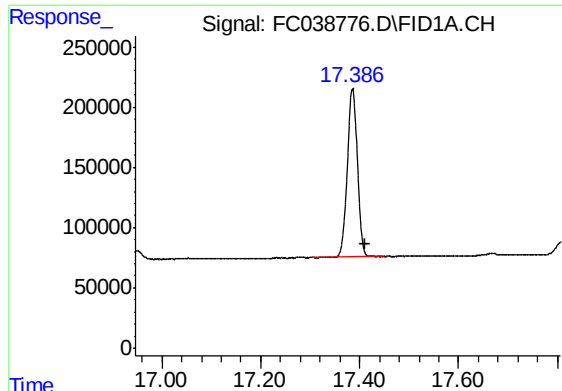
#15 n-Hexacosane (C26)

R.T.: 15.557 min
Delta R.T.: -0.024 min
Response: 1944595
Conc: 22.35 ug/ml



#16 n-Octacosane (C28)

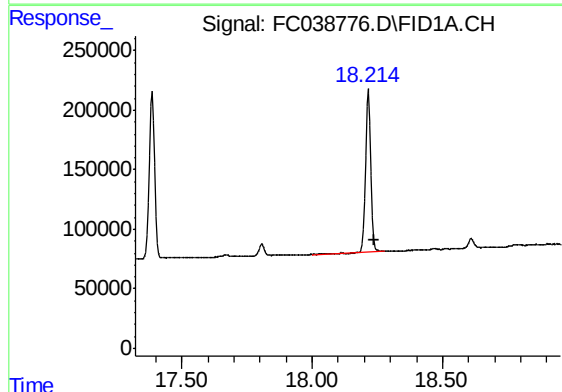
R.T.: 16.503 min
Delta R.T.: -0.023 min
Response: 1994441
Conc: 22.96 ug/ml



#17 n-Tricontane (C30)

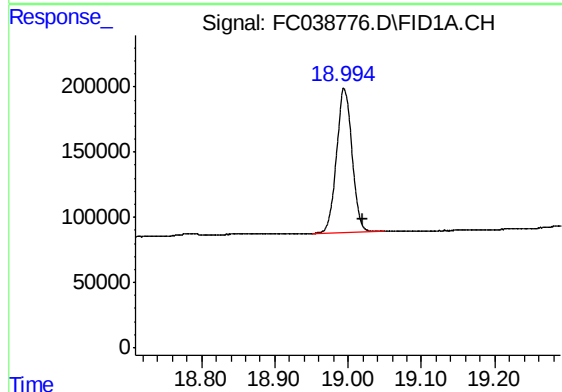
R.T.: 17.386 min
Delta R.T.: -0.025 min
Response: 1985544
Conc: 22.99 ug/ml

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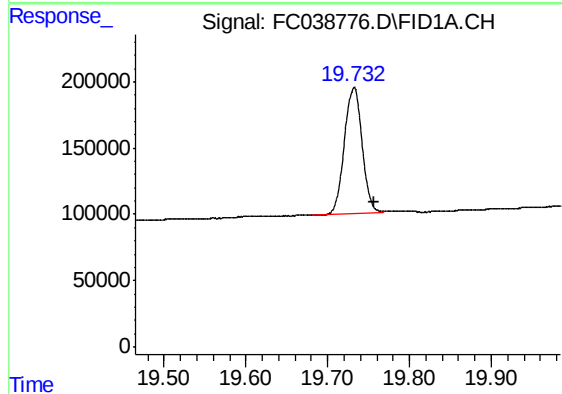
#18 n-Dotriacontane (C32)

R.T.: 18.215 min
Delta R.T.: -0.023 min
Response: 1865193
Conc: 22.92 ug/ml



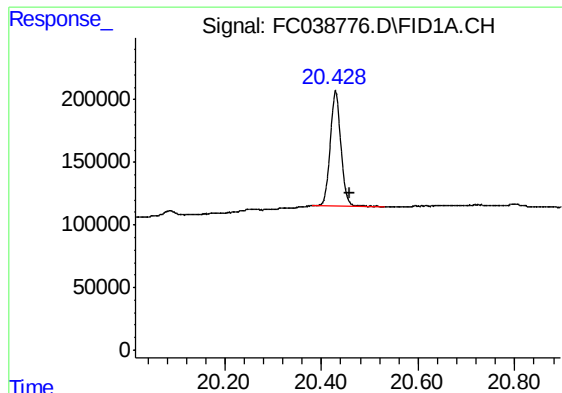
#19 n-Tetratriacontane (C34)

R.T.: 18.995 min
Delta R.T.: -0.025 min
Response: 1622789
Conc: 23.95 ug/ml



#20 n-Hexatriacontane (C36)

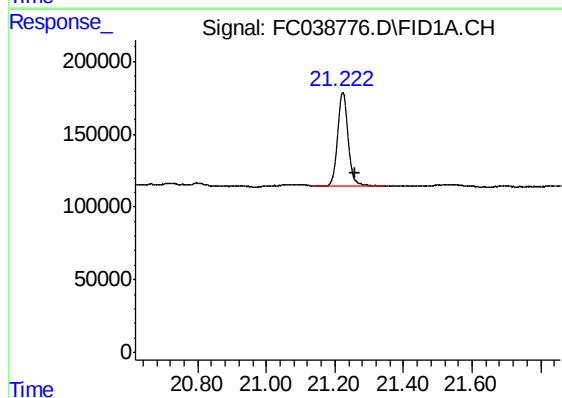
R.T.: 19.732 min
Delta R.T.: -0.025 min
Response: 1448367
Conc: 24.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.429 min
Delta R.T.: -0.029 min
Response: 1399084
Conc: 21.98 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.223 min
Delta R.T.: -0.035 min
Response: 1362429
Conc: 23.42 ug/ml