

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021319AL\
 Data File : FC039154.D
 Signal(s) : FID1A.CH
 Acq On : 14 Feb 2019 00:46
 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: Feb 14 03:05:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 020619.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 07 03:09:34 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)	11.224	3323656	21.258 ug/ml
Spiked Amount 50.000		Recovery =	42.52%
12) S 1-chlorooctadecane (S...	12.668	2375643	20.148 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
Target Compounds			
1) T n-Nonane (C9)	3.077	2336520	22.512 ug/ml
2) T n-Decane (C10)	4.130	2366846	22.962 ug/ml
3) T A~Naphthalene (C11.7)	5.686	2674785	23.837 ug/ml
4) T n-Dodecane (C12)	6.131	2411174	22.821 ug/ml
5) T A~2-methylnaphthalene...	6.732	2615308	23.519 ug/ml
6) T n-Tetradecane (C14)	7.910	2431651	22.330 ug/ml
7) T n-Hexadecane (C16)	9.498	2416327	21.483 ug/ml
8) T n-Octadecane (C18)	10.929	2383682	20.360 ug/ml
10) T n-Eicosane (C20)	12.230	2379802	19.983 ug/ml
11) T n-Heneicosane (C21)	12.839	2365058	20.096 ug/ml
13) T n-Docosane (C22)	13.422	2355986	19.988 ug/ml
14) T n-Tetracosane (C24)	14.518	2352332	19.947 ug/ml
15) T n-Hexacosane (C26)	15.534	2328460	20.026 ug/ml
16) T n-Octacosane (C28)	16.479	2348760	20.154 ug/ml
17) T n-Tricontane (C30)	17.362	2361301	20.345 ug/ml
18) T n-Dotriacontane (C32)	18.190	2313997	21.278 ug/ml
19) T n-Tetratriacontane (C34)	18.969	1985866	21.442 ug/ml
20) T n-Hexatriacontane (C36)	19.706	1713765	21.576 ug/ml
21) T n-Octatriacontane (C38)	20.403	1613685	21.972 ug/ml
22) T n-Tetracontane (C40)	21.190	1426993	19.125 ug/ml

(f)=RT Delta > 1/2 Window

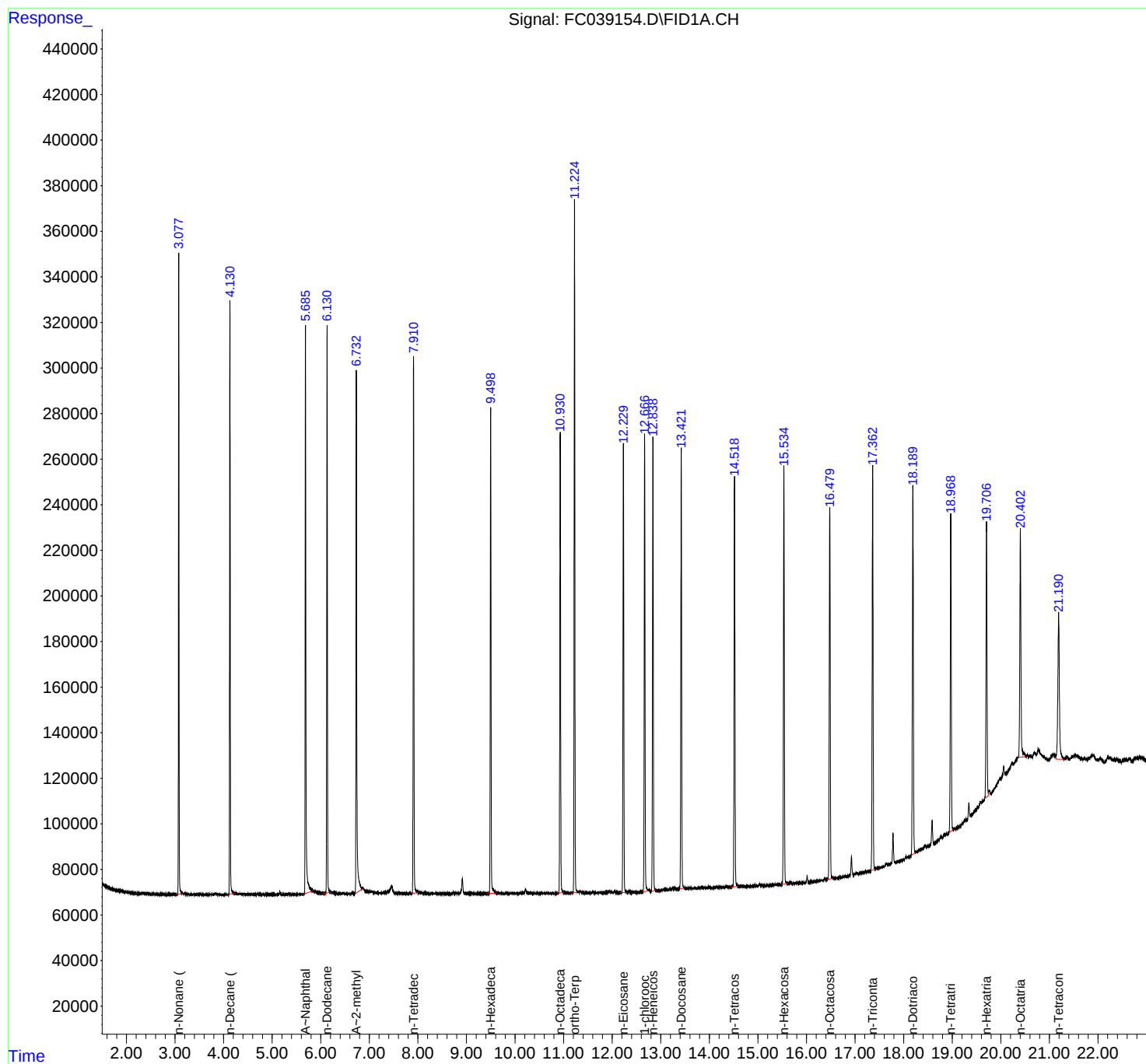
(m)=manual int.

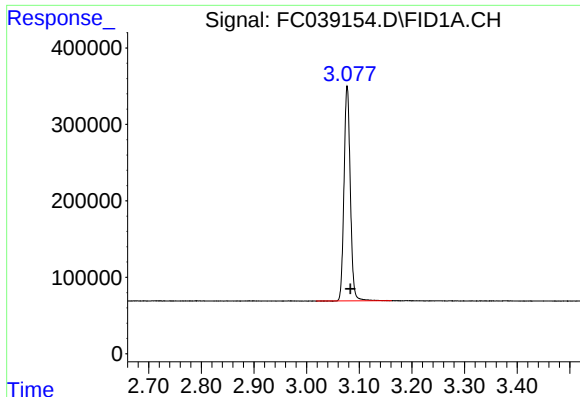
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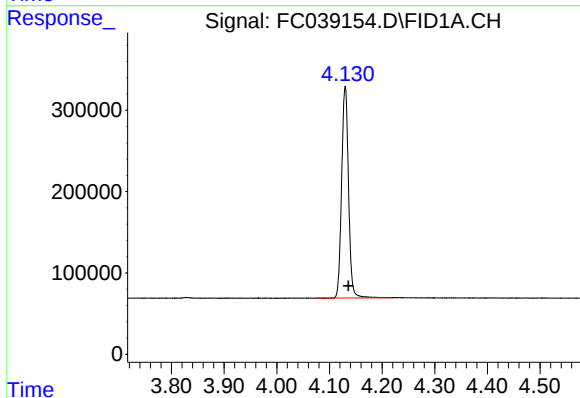




#1 n-Nonane (C9)

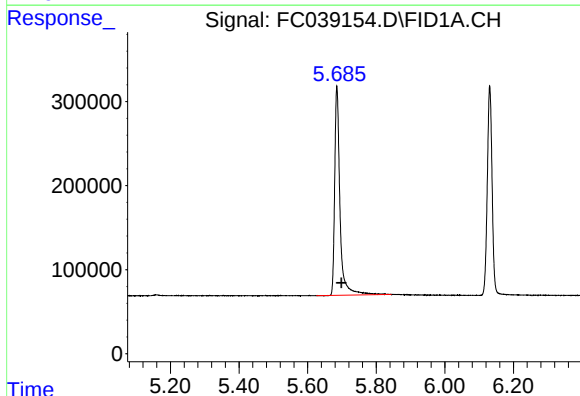
R.T.: 3.077 min
Delta R.T.: -0.006 min
Response: 2336520
Conc: 22.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



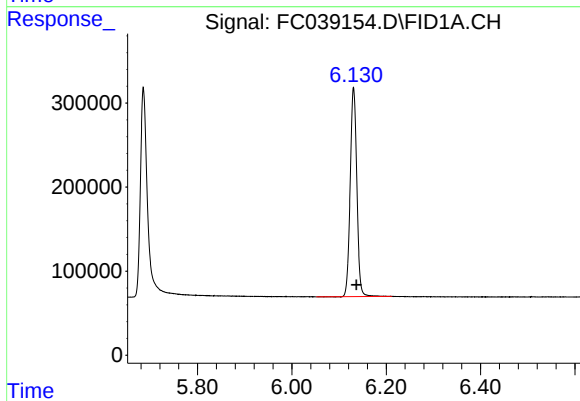
#2 n-Decane (C10)

R.T.: 4.130 min
Delta R.T.: -0.006 min
Response: 2366846
Conc: 22.96 ug/ml



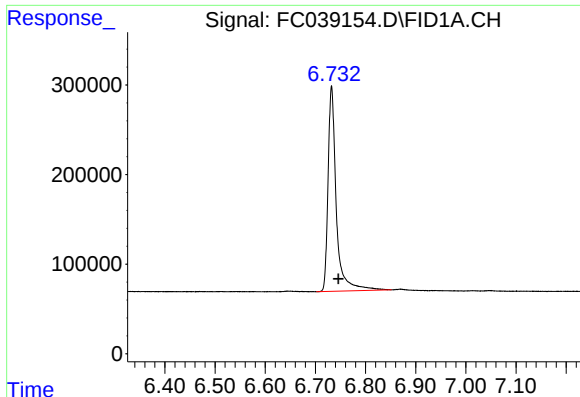
#3 A~Naphthalene (C11.7)

R.T.: 5.686 min
Delta R.T.: -0.013 min
Response: 2674785
Conc: 23.84 ug/ml



#4 n-Dodecane (C12)

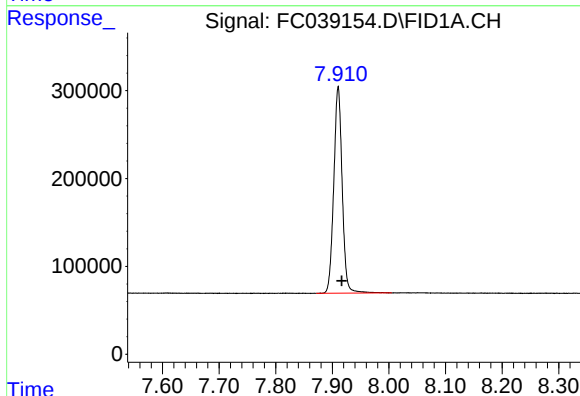
R.T.: 6.131 min
Delta R.T.: -0.006 min
Response: 2411174
Conc: 22.82 ug/ml



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

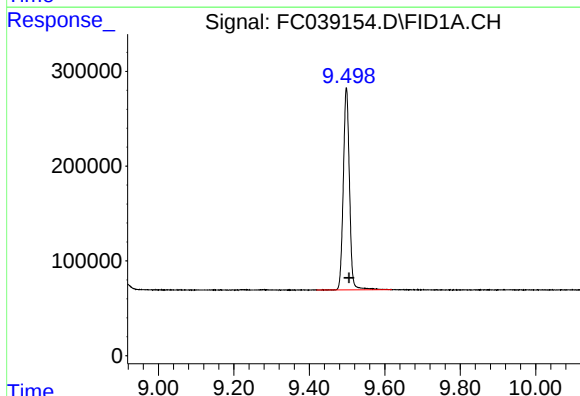
R.T.: 6.732 min
Delta R.T.: -0.014 min
Response: 2615308
Conc: 23.52 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



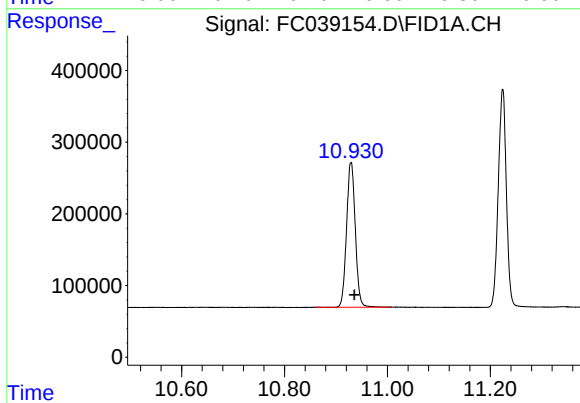
#6 n-Tetradecane (C14)

R.T.: 7.910 min
Delta R.T.: -0.007 min
Response: 2431651
Conc: 22.33 ug/ml



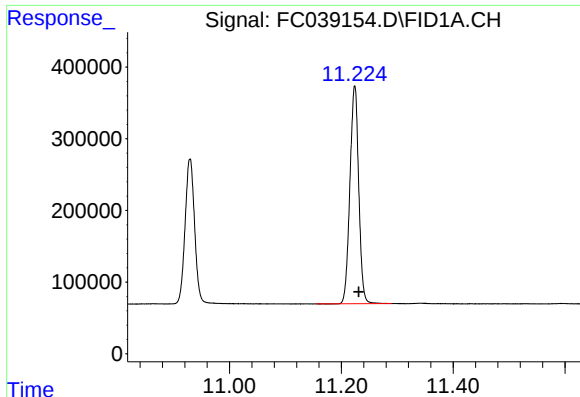
#7 n-Hexadecane (C16)

R.T.: 9.498 min
Delta R.T.: -0.007 min
Response: 2416327
Conc: 21.48 ug/ml



#8 n-Octadecane (C18)

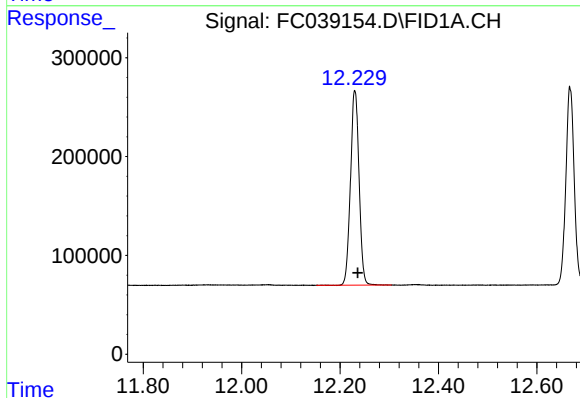
R.T.: 10.929 min
Delta R.T.: -0.007 min
Response: 2383682
Conc: 20.36 ug/ml



#9 ortho-Terphenyl (SURR)

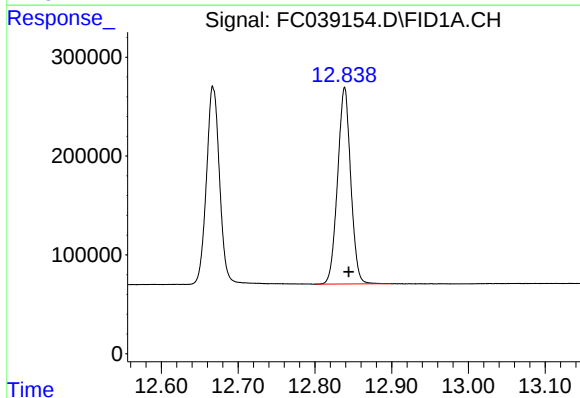
R.T.: 11.224 min
Delta R.T.: -0.007 min
Response: 3323656
Conc: 21.26 ug/ml

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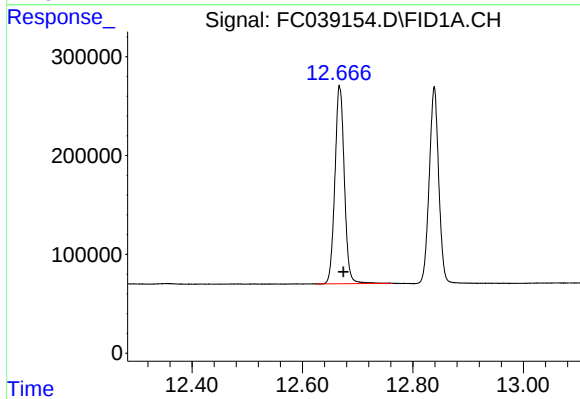
#10 n-Eicosane (C20)

R.T.: 12.230 min
Delta R.T.: -0.006 min
Response: 2379802
Conc: 19.98 ug/ml



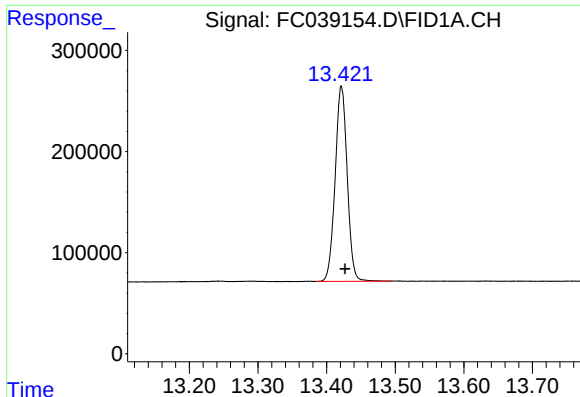
#11 n-Heneicosane (C21)

R.T.: 12.839 min
Delta R.T.: -0.005 min
Response: 2365058
Conc: 20.10 ug/ml



#12 1-chlorooctadecane (SURR)

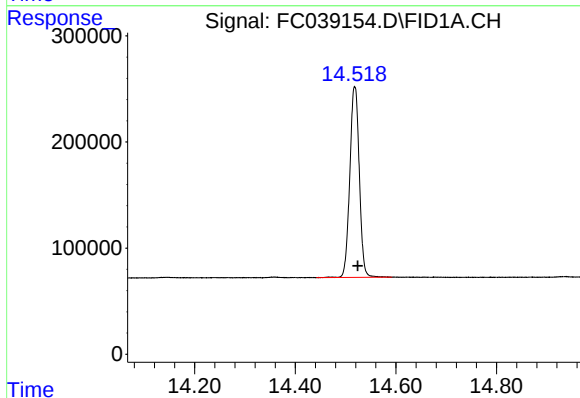
R.T.: 12.668 min
Delta R.T.: -0.006 min
Response: 2375643
Conc: 20.15 ug/ml



#13 n-Docosane (C22)

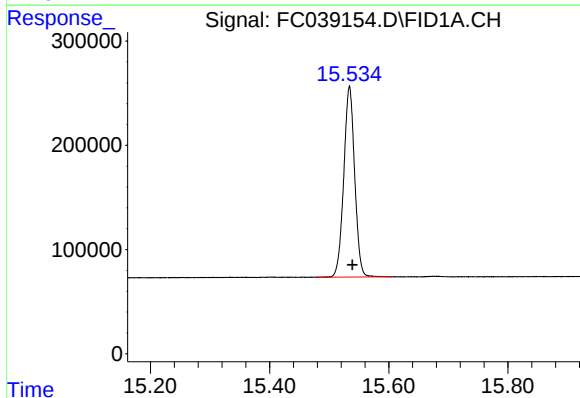
R.T.: 13.422 min
Delta R.T.: -0.005 min
Response: 2355986
Conc: 19.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



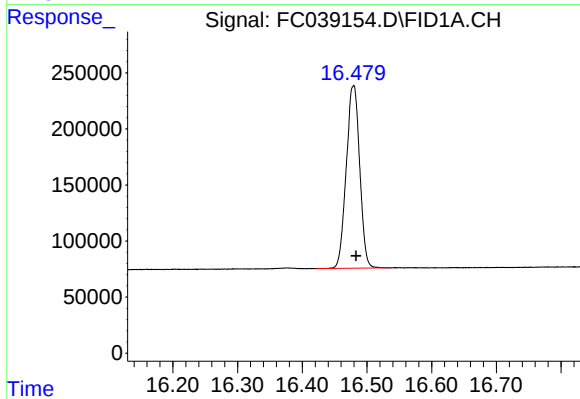
#14 n-Tetracosane (C24)

R.T.: 14.518 min
Delta R.T.: -0.006 min
Response: 2352332
Conc: 19.95 ug/ml



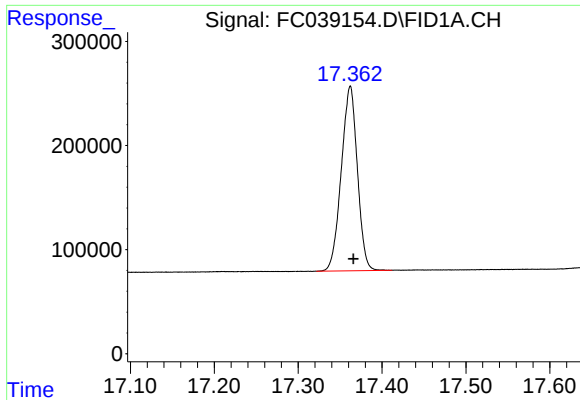
#15 n-Hexacosane (C26)

R.T.: 15.534 min
Delta R.T.: -0.005 min
Response: 2328460
Conc: 20.03 ug/ml



#16 n-Octacosane (C28)

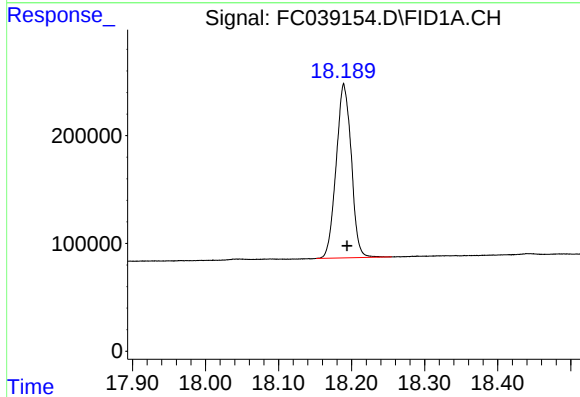
R.T.: 16.479 min
Delta R.T.: -0.004 min
Response: 2348760
Conc: 20.15 ug/ml



#17 n-Tricontane (C30)

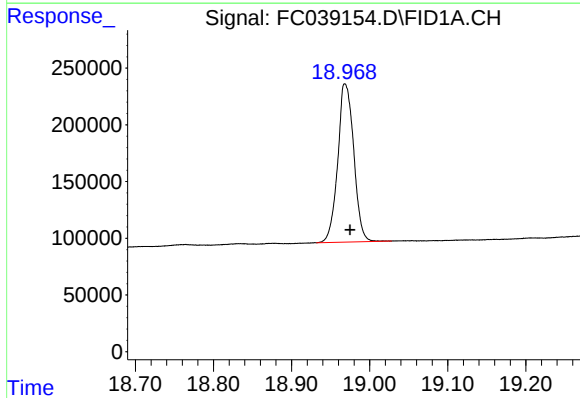
R.T.: 17.362 min
Delta R.T.: -0.004 min
Response: 2361301
Conc: 20.35 ug/ml

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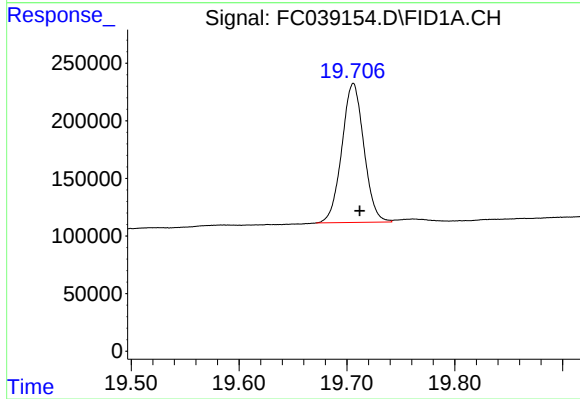
#18 n-Dotriacontane (C32)

R.T.: 18.190 min
Delta R.T.: -0.004 min
Response: 2313997
Conc: 21.28 ug/ml



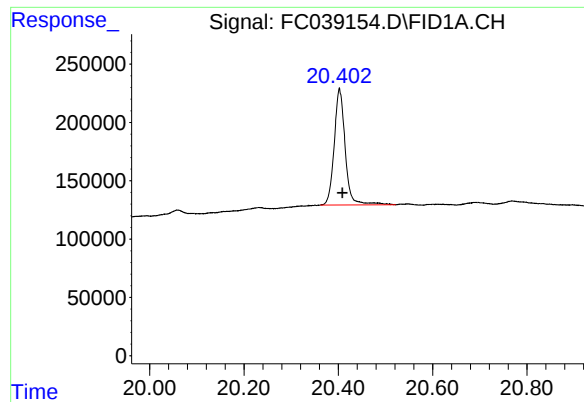
#19 n-Tetratriacontane (C34)

R.T.: 18.969 min
Delta R.T.: -0.006 min
Response: 1985866
Conc: 21.44 ug/ml



#20 n-Hexatriacontane (C36)

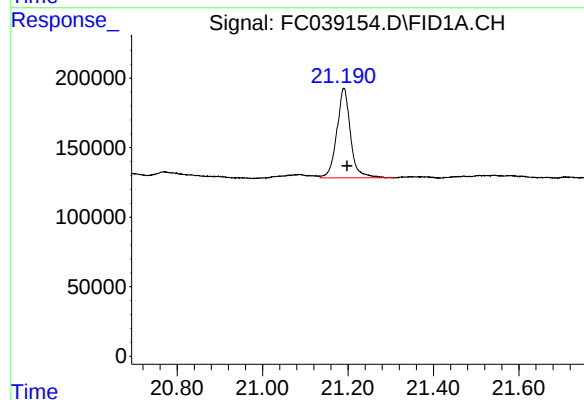
R.T.: 19.706 min
Delta R.T.: -0.006 min
Response: 1713765
Conc: 21.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.403 min
Delta R.T.: -0.006 min
Response: 1613685
Conc: 21.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.190 min
Delta R.T.: -0.008 min
Response: 1426993
Conc: 19.12 ug/ml