

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061622AL\
 Data File : FC060302.D
 Signal(s) : FID1A.CH
 Acq On : 16 Jun 2022 20:29
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jun 17 01:41:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 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)	10.647	2748624	17.662 ug/ml
Spiked Amount 50.000		Recovery =	35.32%
12) S 1-chlorooctadecane (S...	12.016	2163090	17.446 ug/ml
Spiked Amount 50.000		Recovery =	34.89%
Target Compounds			
1) T n-Nonane (C9)	2.625	2506589	19.585 ug/ml
2) T n-Decane (C10)	3.623	2510039	19.620 ug/ml
3) T A~Naphthalene (C11.7)	5.162	2796404	19.347 ug/ml
4) T n-Dodecane (C12)	5.576	2624652	19.689 ug/ml
5) T A~2-methylnaphthalene...	6.187	2827510	19.265 ug/ml
6) T n-Tetradecane (C14)	7.328	2642389	19.356 ug/ml
7) T n-Hexadecane (C16)	8.892	2664275	18.989 ug/ml
8) T n-Octadecane (C18)	10.301	2643962	18.475 ug/ml
10) T n-Eicosane (C20)	11.581	2550980	17.880 ug/ml
11) T n-Heneicosane (C21)	12.179	2513988	17.539 ug/ml
13) T n-Docosane (C22)	12.752	2468484	17.323 ug/ml
14) T n-Tetracosane (C24)	13.831	2365643	16.858 ug/ml
15) T n-Hexacosane (C26)	14.829	2257476	16.671 ug/ml
16) T n-Octacosane (C28)	15.758	2205445	16.934 ug/ml
17) T n-Tricontane (C30)	16.626	2191887	17.904 ug/ml
18) T n-Dotriacontane (C32)	17.440	2122060	19.033 ug/ml
19) T n-Tetratriacontane (C34)	18.205	2018834	19.793 ug/ml
20) T n-Hexatriacontane (C36)	18.927	1924046	20.318 ug/ml
21) T n-Octatriacontane (C38)	19.611	1882904	20.408 ug/ml
22) T n-Tetracontane (C40)	20.259	1910110	20.302 ug/ml

(f)=RT Delta > 1/2 Window

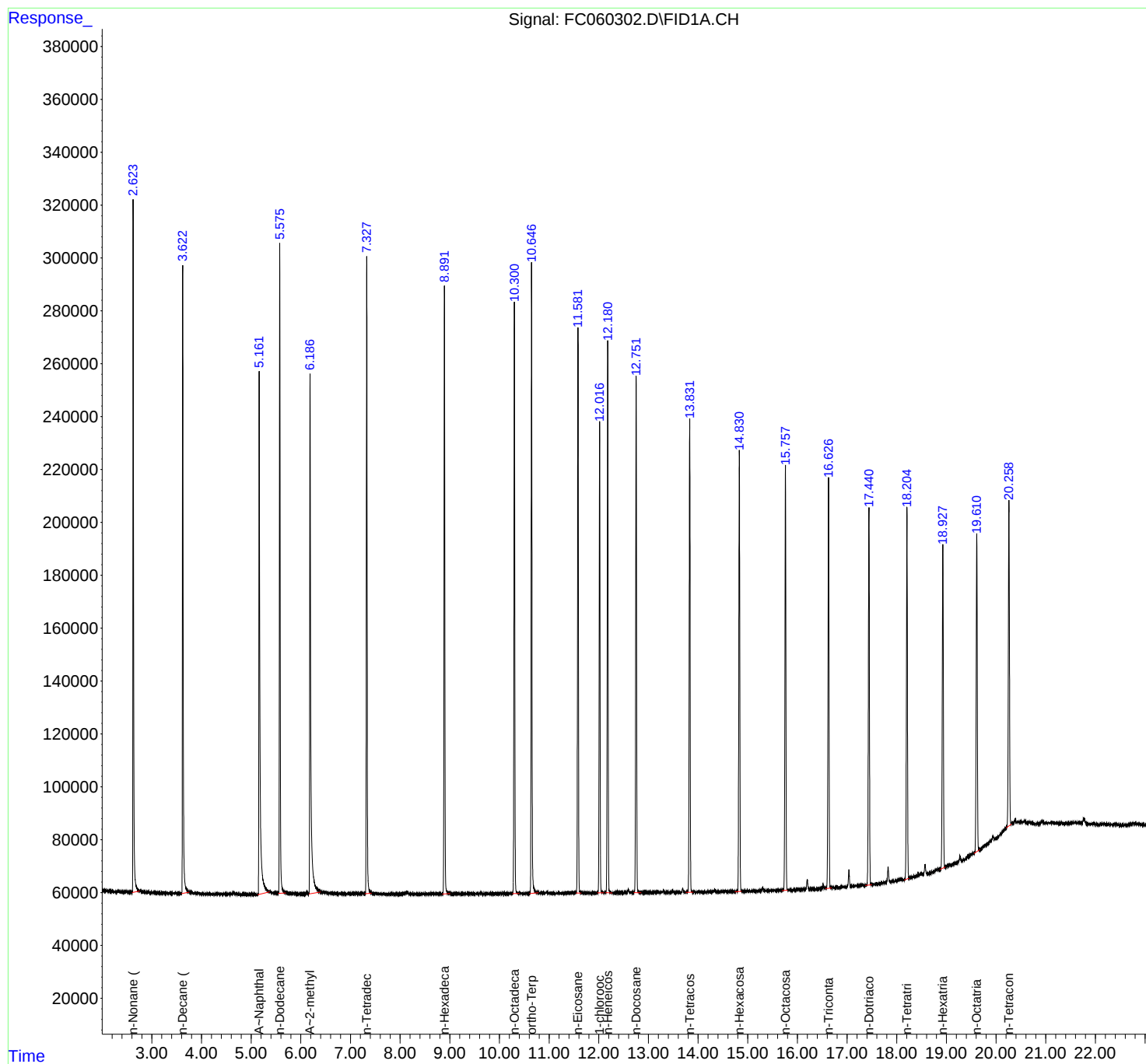
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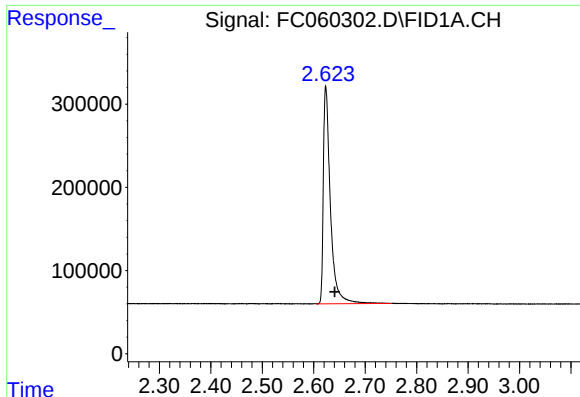
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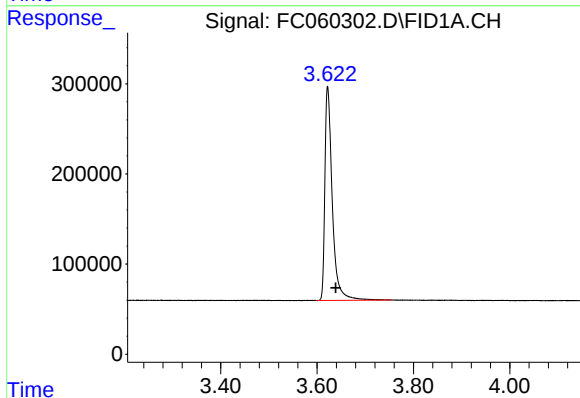




#1 n-Nonane (C9)

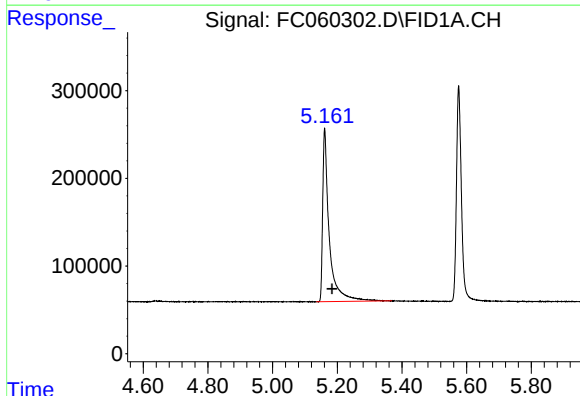
R.T.: 2.625 min
Delta R.T.: -0.016 min
Response: 2506589
Conc: 19.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



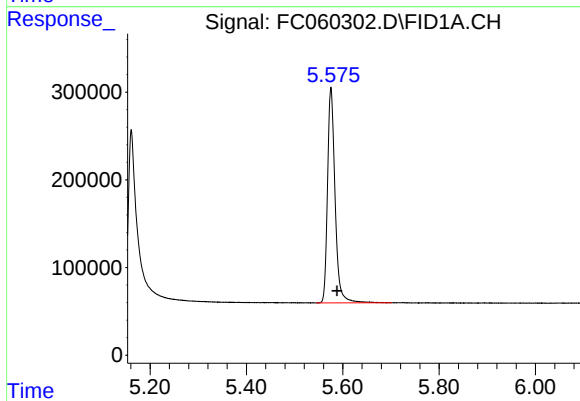
#2 n-Decane (C10)

R.T.: 3.623 min
Delta R.T.: -0.016 min
Response: 2510039
Conc: 19.62 ug/ml



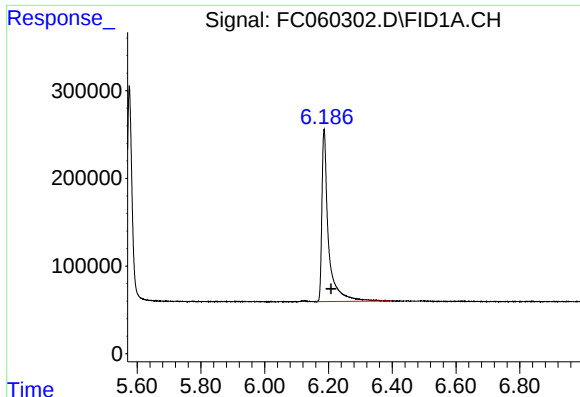
#3 A~Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.022 min
Response: 2796404
Conc: 19.35 ug/ml



#4 n-Dodecane (C12)

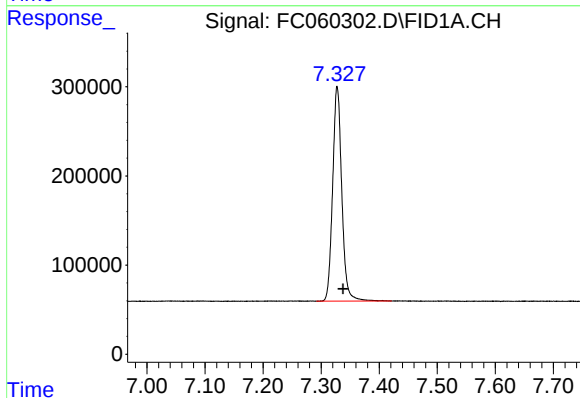
R.T.: 5.576 min
Delta R.T.: -0.012 min
Response: 2624652
Conc: 19.69 ug/ml



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

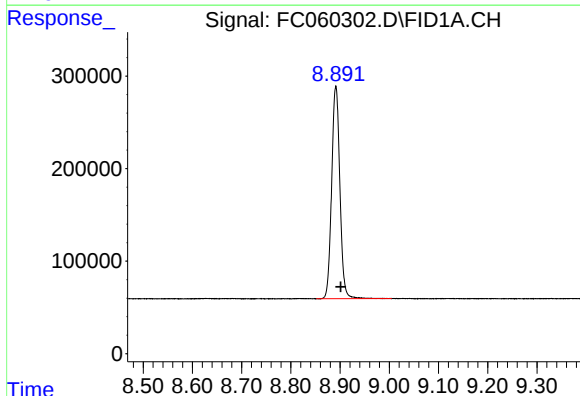
R.T.: 6.187 min
Delta R.T.: -0.022 min
Response: 2827510
Conc: 19.27 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



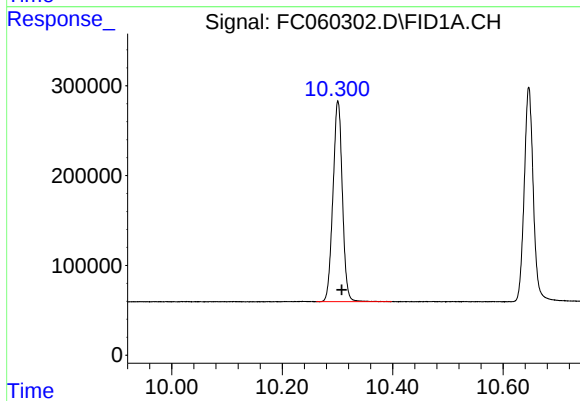
#6 n-Tetradecane (C14)

R.T.: 7.328 min
Delta R.T.: -0.010 min
Response: 2642389
Conc: 19.36 ug/ml



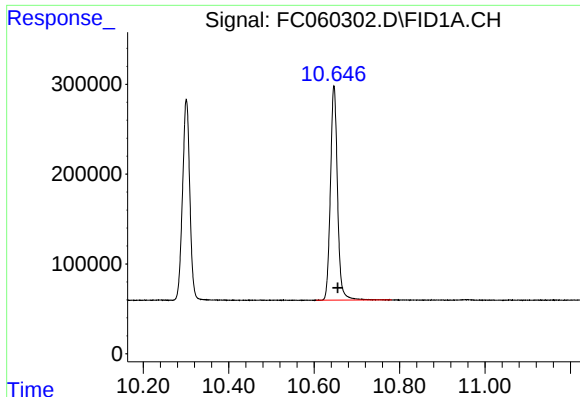
#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: -0.010 min
Response: 2664275
Conc: 18.99 ug/ml



#8 n-Octadecane (C18)

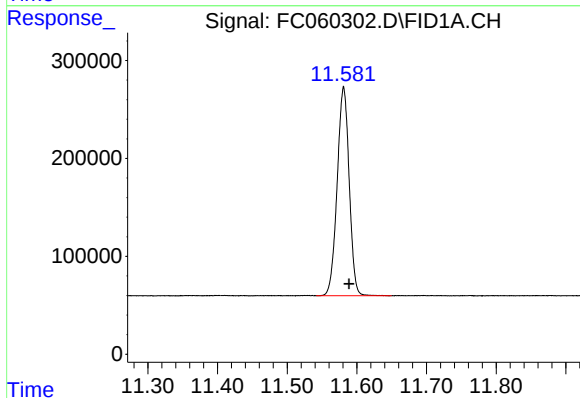
R.T.: 10.301 min
Delta R.T.: -0.007 min
Response: 2643962
Conc: 18.48 ug/ml



#9 ortho-Terphenyl (SURR)

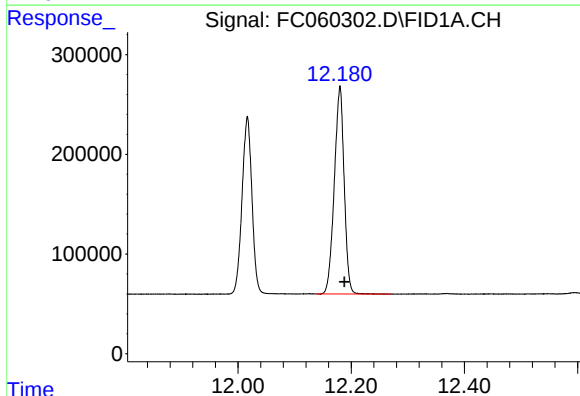
R.T.: 10.647 min
Delta R.T.: -0.009 min
Response: 2748624
Conc: 17.66 ug/ml

Instrument :
FID_C
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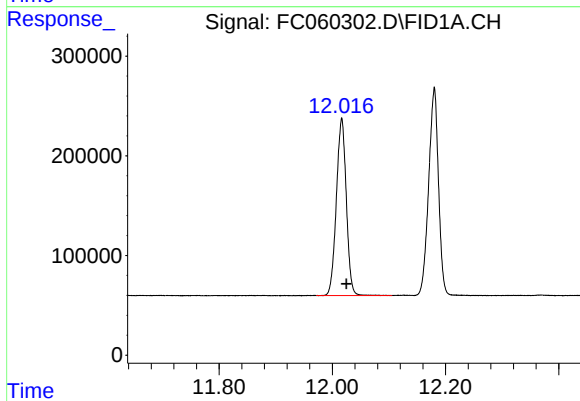
#10 n-Eicosane (C20)

R.T.: 11.581 min
Delta R.T.: -0.008 min
Response: 2550980
Conc: 17.88 ug/ml



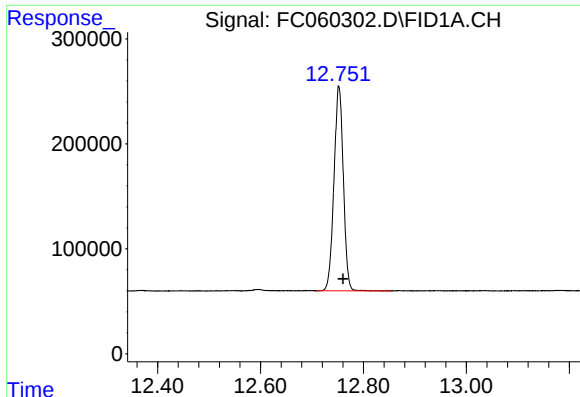
#11 n-Heneicosane (C21)

R.T.: 12.179 min
Delta R.T.: -0.008 min
Response: 2513988
Conc: 17.54 ug/ml



#12 1-chlorooctadecane (SURR)

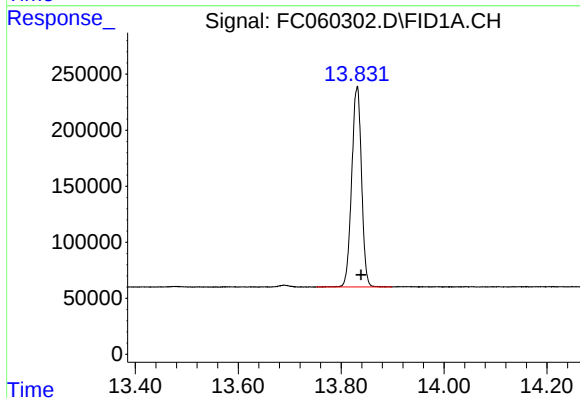
R.T.: 12.016 min
Delta R.T.: -0.009 min
Response: 2163090
Conc: 17.45 ug/ml



#13 n-Docosane (C22)

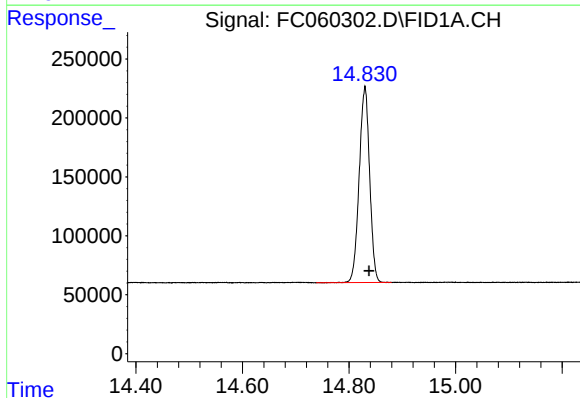
R.T.: 12.752 min
Delta R.T.: -0.008 min
Response: 2468484
Conc: 17.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



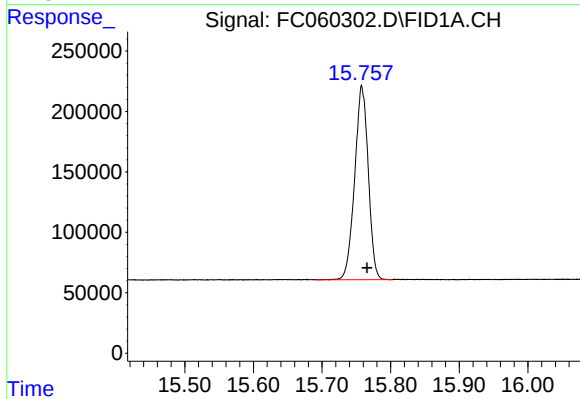
#14 n-Tetracosane (C24)

R.T.: 13.831 min
Delta R.T.: -0.009 min
Response: 2365643
Conc: 16.86 ug/ml



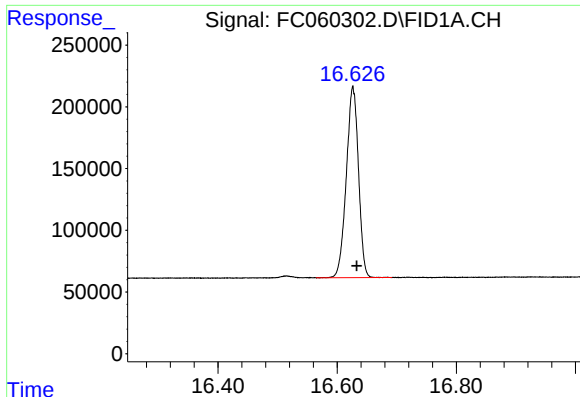
#15 n-Hexacosane (C26)

R.T.: 14.829 min
Delta R.T.: -0.008 min
Response: 2257476
Conc: 16.67 ug/ml



#16 n-Octacosane (C28)

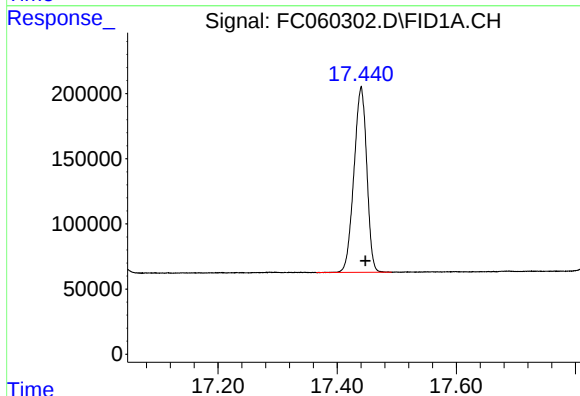
R.T.: 15.758 min
Delta R.T.: -0.008 min
Response: 2205445
Conc: 16.93 ug/ml



#17 n-Tricontane (C30)

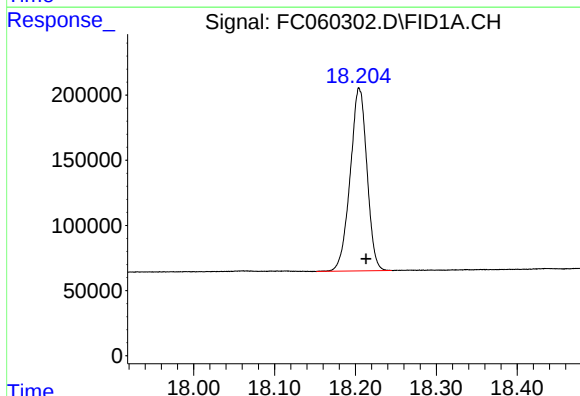
R.T.: 16.626 min
Delta R.T.: -0.007 min
Response: 2191887
Conc: 17.90 ug/ml

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20 PPM ALIPHATIC HC STD



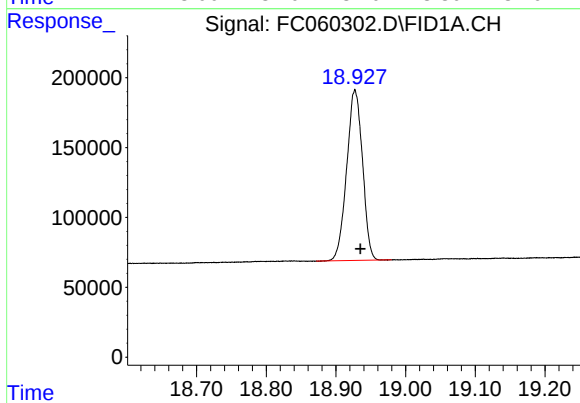
#18 n-Dotriacontane (C32)

R.T.: 17.440 min
Delta R.T.: -0.008 min
Response: 2122060
Conc: 19.03 ug/ml



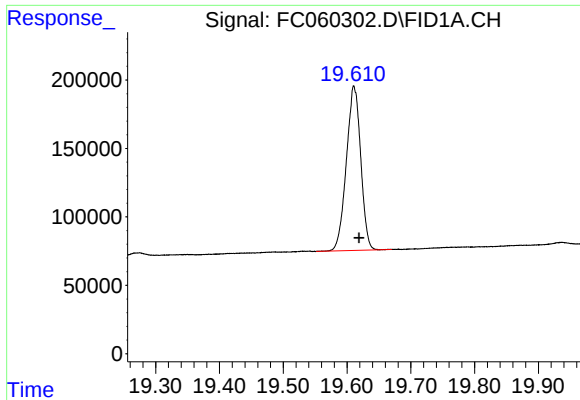
#19 n-Tetratriacontane (C34)

R.T.: 18.205 min
Delta R.T.: -0.009 min
Response: 2018834
Conc: 19.79 ug/ml



#20 n-Hexatriacontane (C36)

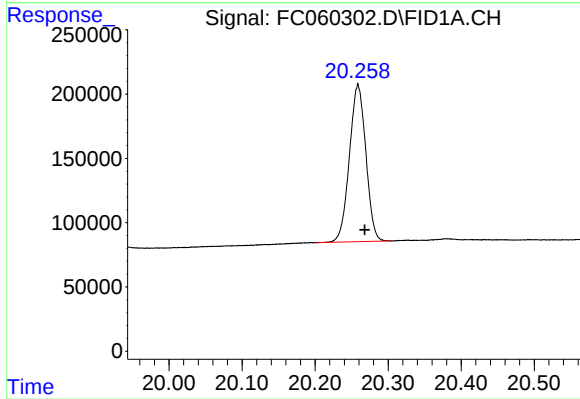
R.T.: 18.927 min
Delta R.T.: -0.008 min
Response: 1924046
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.611 min
Delta R.T.: -0.008 min
Response: 1882904
Conc: 20.41 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.259 min
Delta R.T.: -0.009 min
Response: 1910110
Conc: 20.30 ug/ml