

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061422AL\
 Data File : FC060261.D
 Signal(s) : FID1A.CH
 Acq On : 15 Jun 2022 14:29
 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: autoint1.e
 Quant Time: Jun 15 17:31:51 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)	10.649	2725025	17.510 ug/ml
Spiked Amount 50.000		Recovery =	35.02%
12) S 1-chlorooctadecane (S...	12.019	2151942	17.356 ug/ml
Spiked Amount 50.000		Recovery =	34.71%
Target Compounds			
1) T n-Nonane (C9)	2.627	2481648	19.390 ug/ml
2) T n-Decane (C10)	3.625	2480953	19.393 ug/ml
3) T A~Naphthalene (C11.7)	5.163	2765987	19.136 ug/ml
4) T n-Dodecane (C12)	5.577	2581886	19.368 ug/ml
5) T A~2-methylnaphthalene...	6.187	2792998	19.030 ug/ml
6) T n-Tetradecane (C14)	7.329	2616422	19.166 ug/ml
7) T n-Hexadecane (C16)	8.893	2626993	18.723 ug/ml
8) T n-Octadecane (C18)	10.303	2615710	18.278 ug/ml
10) T n-Eicosane (C20)	11.583	2527611	17.716 ug/ml
11) T n-Heneicosane (C21)	12.182	2493894	17.399 ug/ml
13) T n-Docosane (C22)	12.754	2455522	17.232 ug/ml
14) T n-Tetracosane (C24)	13.834	2341020	16.682 ug/ml
15) T n-Hexacosane (C26)	14.832	2231697	16.480 ug/ml
16) T n-Octacosane (C28)	15.760	2166052	16.632 ug/ml
17) T n-Tricontane (C30)	16.628	2113840	17.266 ug/ml
18) T n-Dotriacontane (C32)	17.442	2031538	18.221 ug/ml
19) T n-Tetratriacontane (C34)	18.207	1941481	19.035 ug/ml
20) T n-Hexatriacontane (C36)	18.930	1858868	19.629 ug/ml
21) T n-Octatriacontane (C38)	19.613	1842825	19.974 ug/ml
22) T n-Tetracontane (C40)	20.260	1954580	20.774 ug/ml

(f)=RT Delta > 1/2 Window

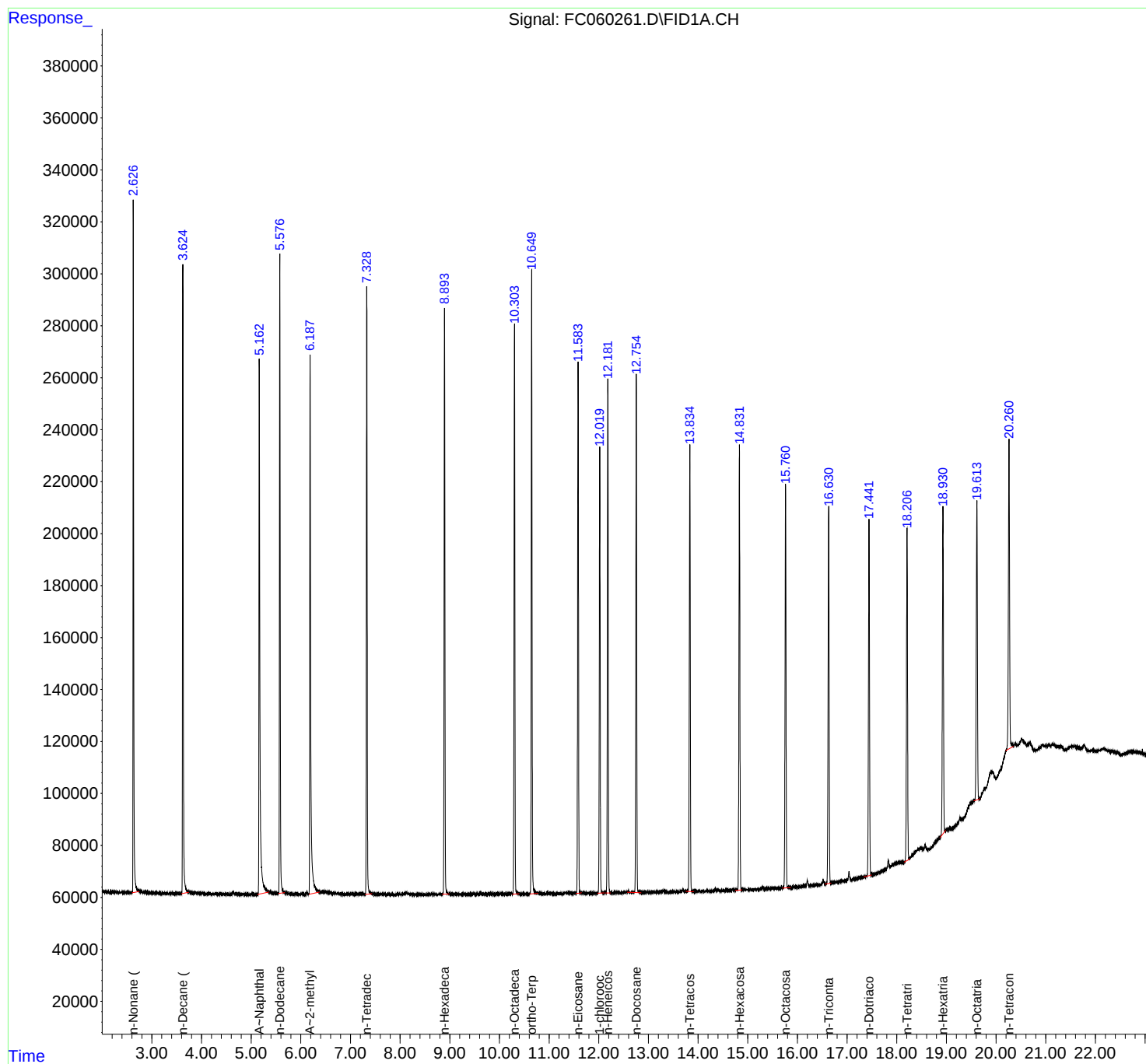
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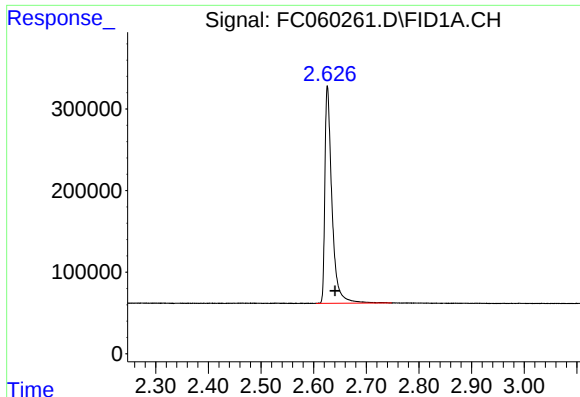
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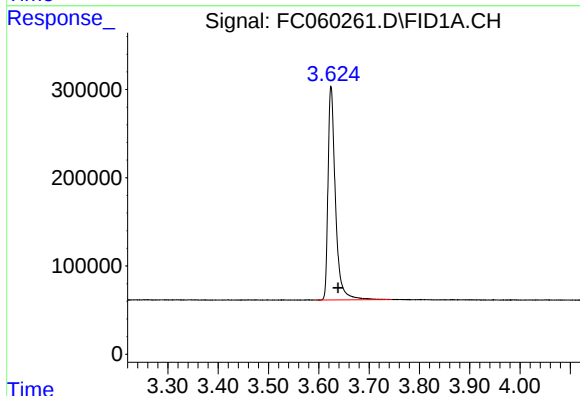




#1 n-Nonane (C9)

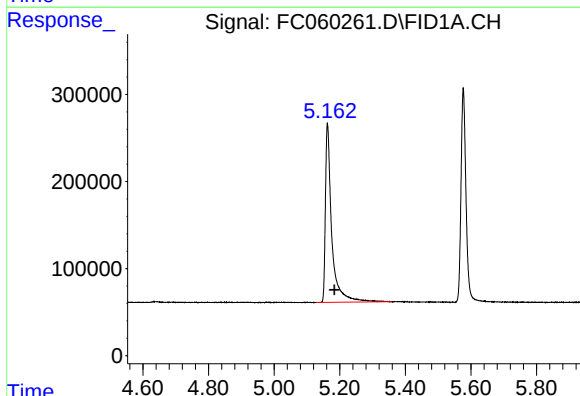
R.T.: 2.627 min
Delta R.T.: -0.014 min
Response: 2481648
Conc: 19.39 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



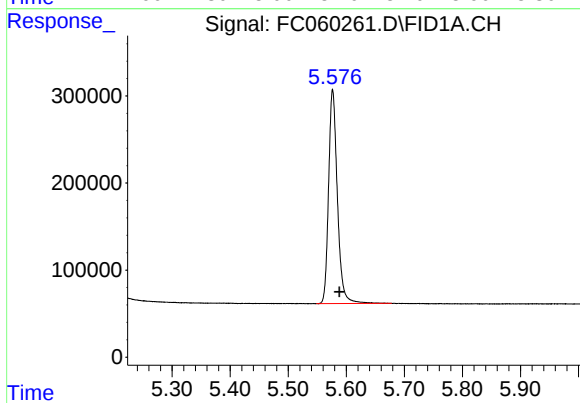
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.014 min
Response: 2480953
Conc: 19.39 ug/ml



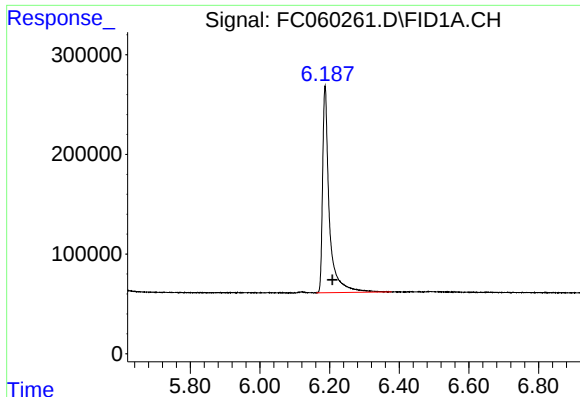
#3 A~Naphthalene (C11.7)

R.T.: 5.163 min
Delta R.T.: -0.021 min
Response: 2765987
Conc: 19.14 ug/ml



#4 n-Dodecane (C12)

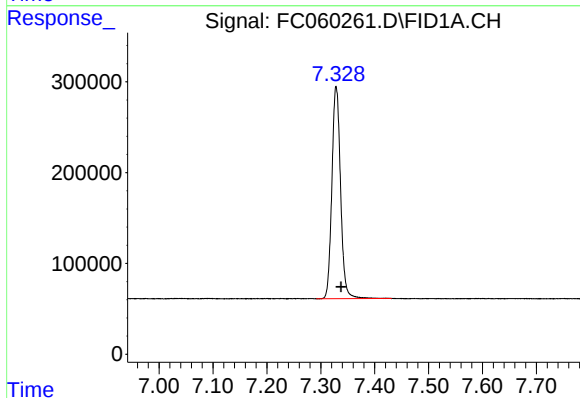
R.T.: 5.577 min
Delta R.T.: -0.011 min
Response: 2581886
Conc: 19.37 ug/ml



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

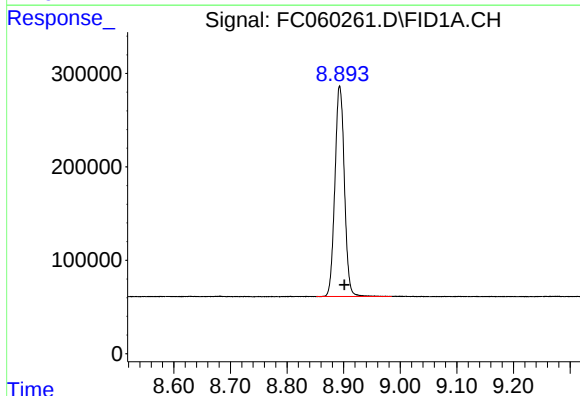
R.T.: 6.187 min
Delta R.T.: -0.021 min
Response: 2792998
Conc: 19.03 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



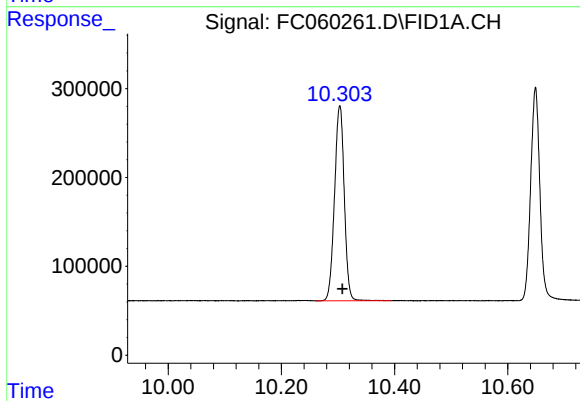
#6 n-Tetradecane (C14)

R.T.: 7.329 min
Delta R.T.: -0.009 min
Response: 2616422
Conc: 19.17 ug/ml



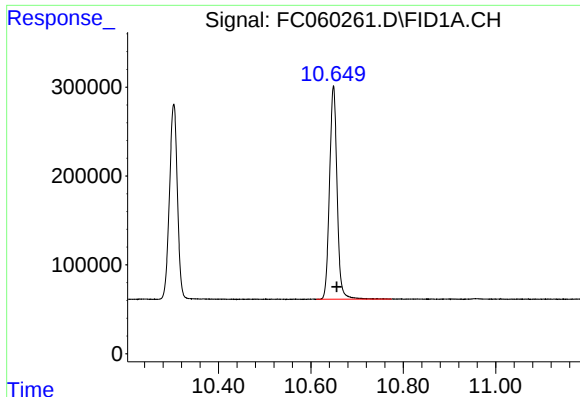
#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.008 min
Response: 2626993
Conc: 18.72 ug/ml



#8 n-Octadecane (C18)

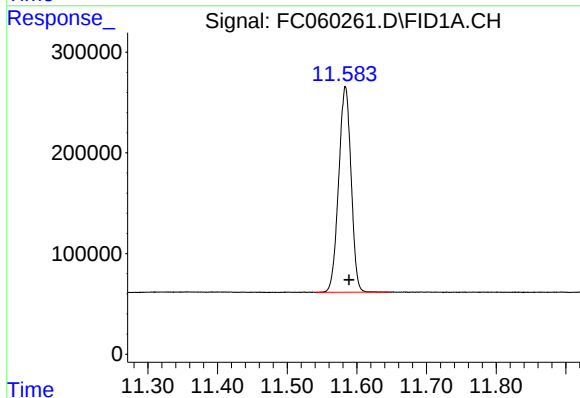
R.T.: 10.303 min
Delta R.T.: -0.005 min
Response: 2615710
Conc: 18.28 ug/ml



#9 ortho-Terphenyl (SURR)

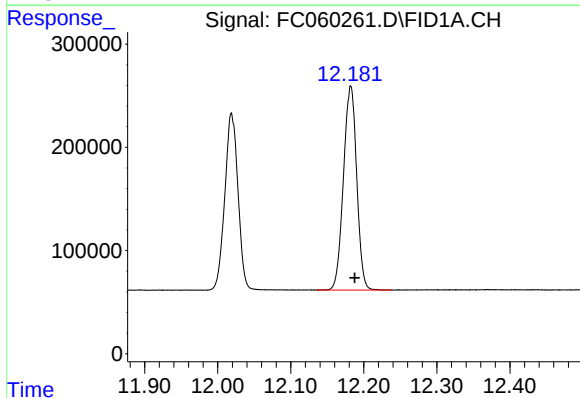
R.T.: 10.649 min
Delta R.T.: -0.007 min
Response: 2725025
Conc: 17.51 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



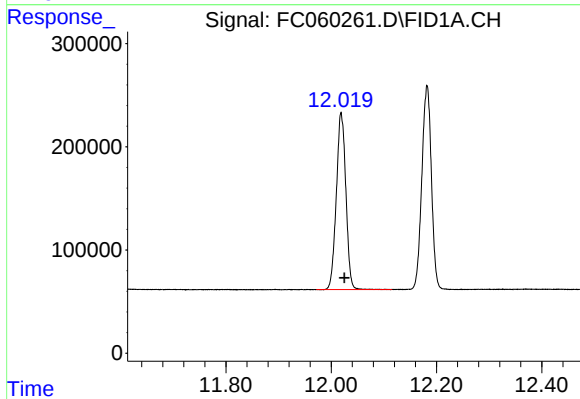
#10 n-Eicosane (C20)

R.T.: 11.583 min
Delta R.T.: -0.005 min
Response: 2527611
Conc: 17.72 ug/ml



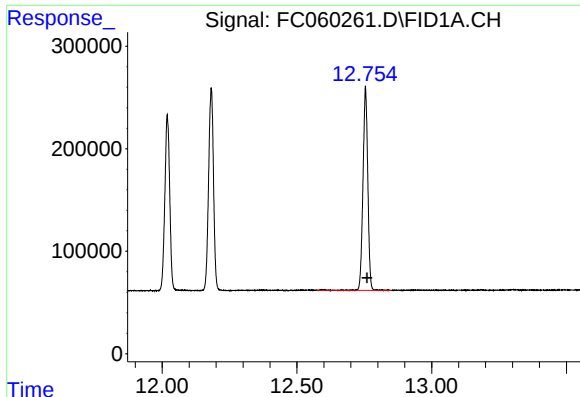
#11 n-Heneicosane (C21)

R.T.: 12.182 min
Delta R.T.: -0.006 min
Response: 2493894
Conc: 17.40 ug/ml



#12 1-chlorooctadecane (SURR)

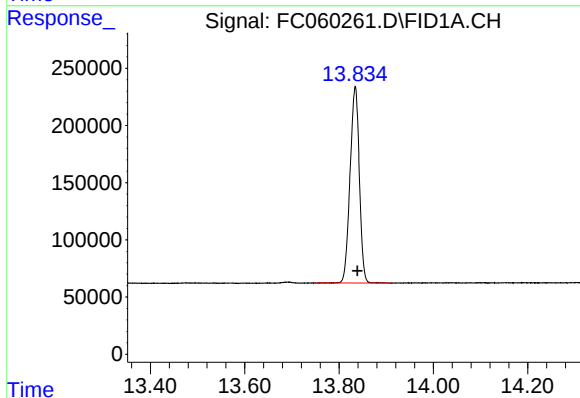
R.T.: 12.019 min
Delta R.T.: -0.006 min
Response: 2151942
Conc: 17.36 ug/ml



#13 n-Docosane (C22)

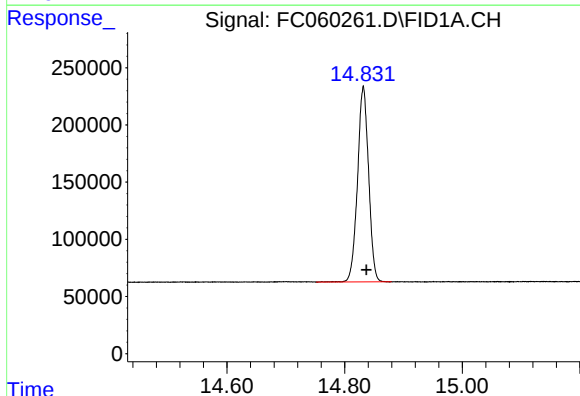
R.T.: 12.754 min
Delta R.T.: -0.006 min
Response: 2455522
Conc: 17.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



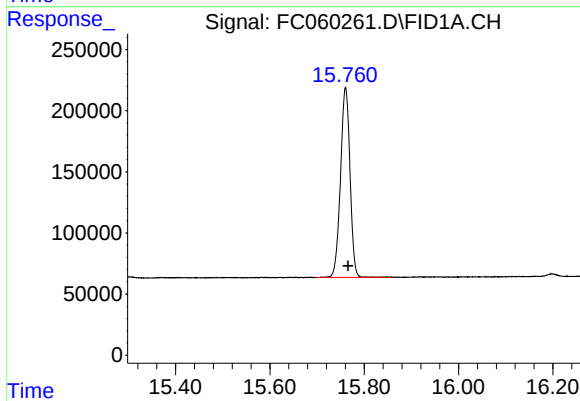
#14 n-Tetracosane (C24)

R.T.: 13.834 min
Delta R.T.: -0.005 min
Response: 2341020
Conc: 16.68 ug/ml



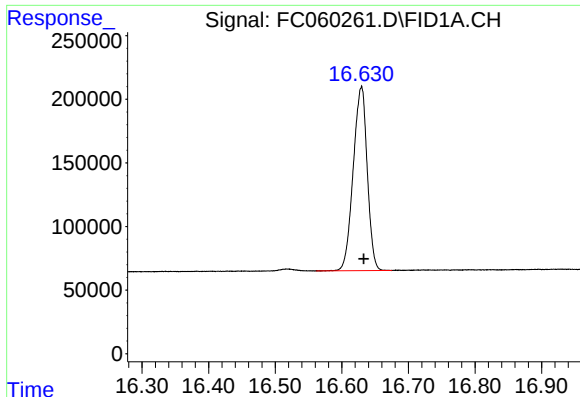
#15 n-Hexacosane (C26)

R.T.: 14.832 min
Delta R.T.: -0.005 min
Response: 2231697
Conc: 16.48 ug/ml



#16 n-Octacosane (C28)

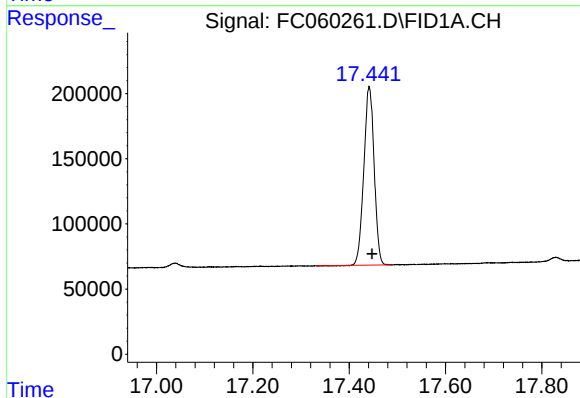
R.T.: 15.760 min
Delta R.T.: -0.006 min
Response: 2166052
Conc: 16.63 ug/ml



#17 n-Tricontane (C30)

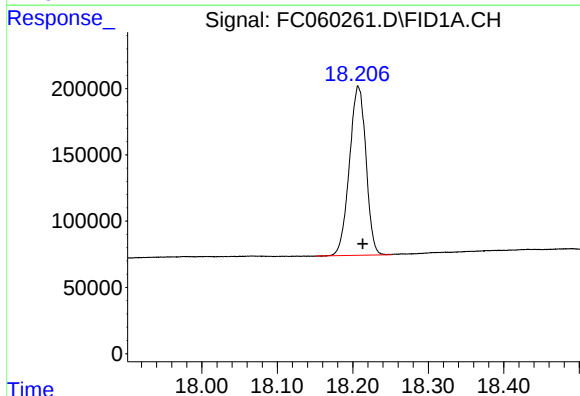
R.T.: 16.628 min
Delta R.T.: -0.005 min
Response: 2113840
Conc: 17.27 ug/ml

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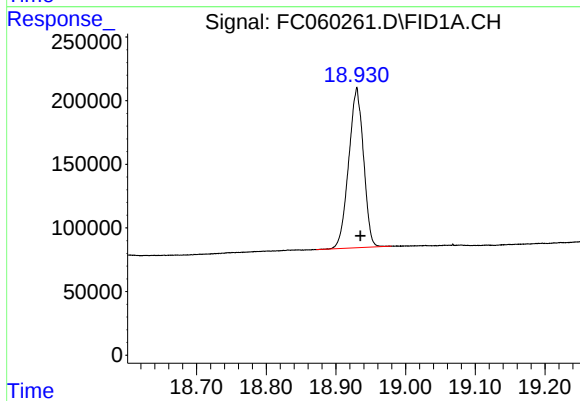
#18 n-Dotriacontane (C32)

R.T.: 17.442 min
Delta R.T.: -0.006 min
Response: 2031538
Conc: 18.22 ug/ml



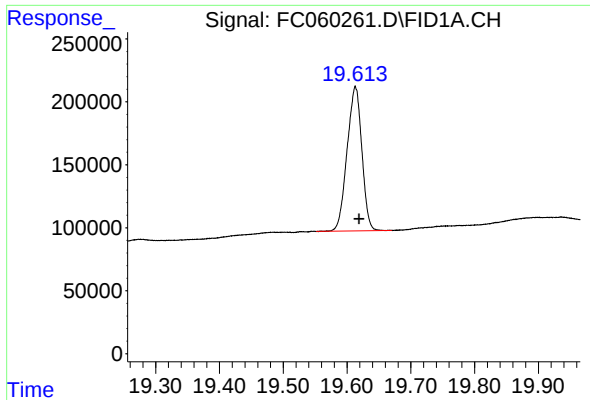
#19 n-Tetratriacontane (C34)

R.T.: 18.207 min
Delta R.T.: -0.006 min
Response: 1941481
Conc: 19.04 ug/ml



#20 n-Hexatriacontane (C36)

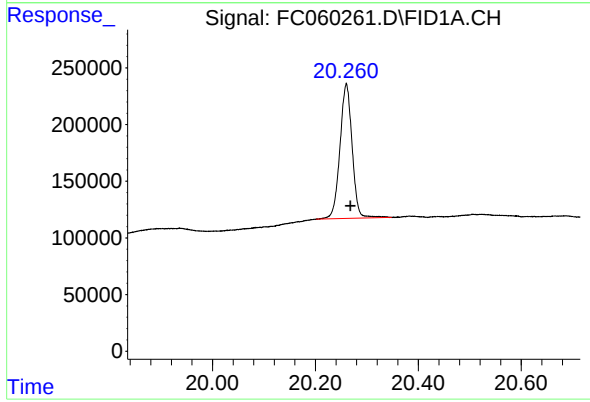
R.T.: 18.930 min
Delta R.T.: -0.005 min
Response: 1858868
Conc: 19.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.613 min
Delta R.T.: -0.007 min
Response: 1842825
Conc: 19.97 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.260 min
Delta R.T.: -0.008 min
Response: 1954580
Conc: 20.77 ug/ml