

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC033019AL\
 Data File : FC040230.D
 Signal(s) : FID1A.CH
 Acq On : 30 Mar 2019 14:11
 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: Apr 01 01:23:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:38:33 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)	11.026	2611713	20.281 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
12) S 1-chlorooctadecane (S...	12.454	2000612	20.253 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
Target Compounds			
1) T n-Nonane (C9)	2.856	1669244	20.225 ug/ml
2) T n-Decane (C10)	3.878	1750256	20.680 ug/ml
3) T A~Naphthalene (C11.7)	5.453	2118551	21.713 ug/ml
4) T n-Dodecane (C12)	5.873	1845466	21.365 ug/ml
5) T A~2-methylnaphthalene...	6.503	2178559	21.925 ug/ml
6) T n-Tetradecane (C14)	7.665	1956356	21.465 ug/ml
7) T n-Hexadecane (C16)	9.263	2007471	20.886 ug/ml
8) T n-Octadecane (C18)	10.702	2016872	20.106 ug/ml
10) T n-Eicosane (C20)	12.009	2022762	19.876 ug/ml
11) T n-Heneicosane (C21)	12.620	2009227	19.925 ug/ml
13) T n-Docosane (C22)	13.206	2008660	19.983 ug/ml
14) T n-Tetracosane (C24)	14.307	2011217	20.200 ug/ml
15) T n-Hexacosane (C26)	15.327	2019909	20.632 ug/ml
16) T n-Octacosane (C28)	16.275	2065570	21.056 ug/ml
17) T n-Tricontane (C30)	17.165	2100397	21.465 ug/ml
18) T n-Dotriacontane (C32)	17.997	2046103	21.142 ug/ml
19) T n-Tetratriacontane (C34)	18.815	1793293	21.392 ug/ml
20) T n-Hexatriacontane (C36)	19.842	1566037	21.270 ug/ml
21) T n-Octatriacontane (C38)	21.229	1446392	20.932 ug/ml
22) T n-Tetracontane (C40)	23.161f	1387073	20.462 ug/ml

(f)=RT Delta > 1/2 Window

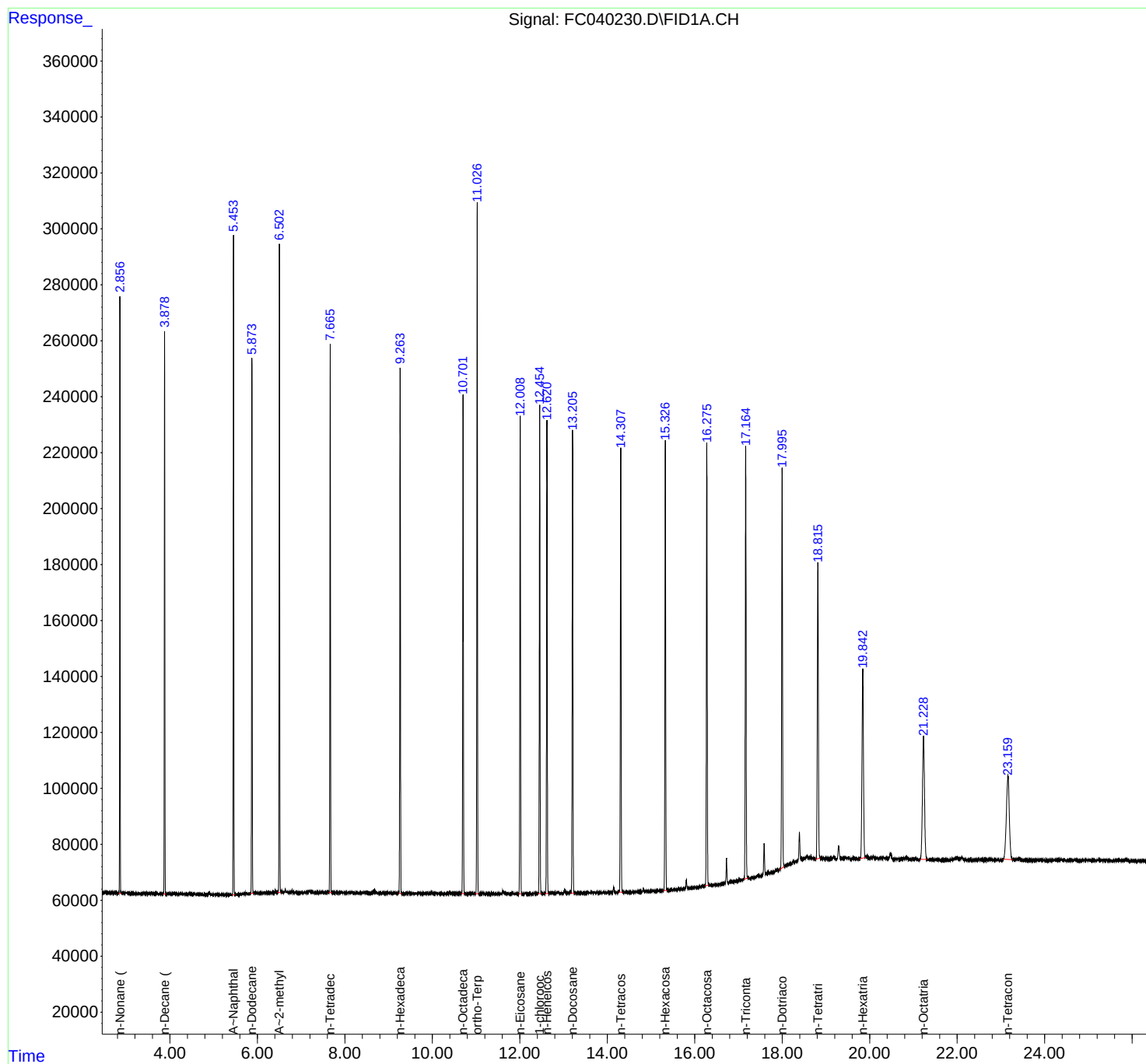
(m)=manual int.

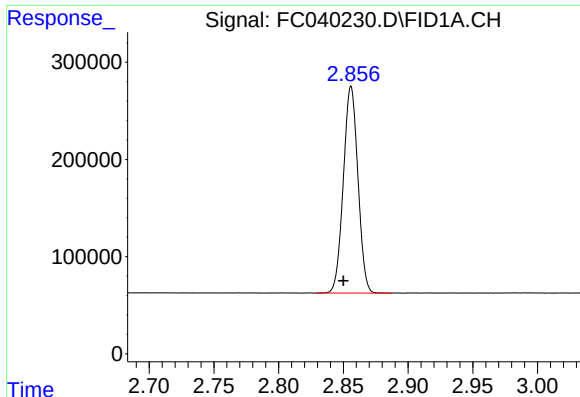
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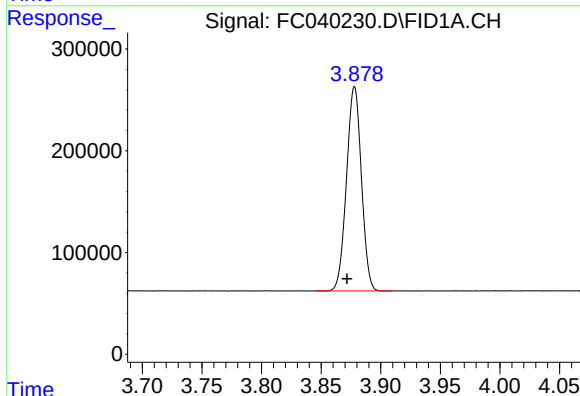




#1 n-Nonane (C9)

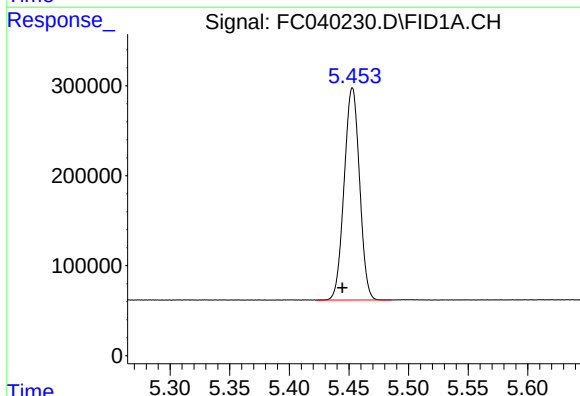
R.T.: 2.856 min
Delta R.T.: 0.006 min
Response: 1669244
Conc: 20.23 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



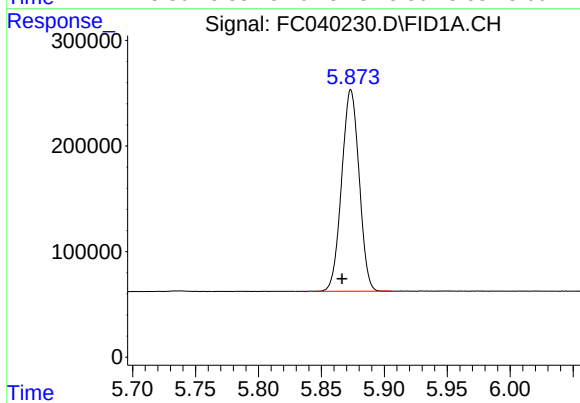
#2 n-Decane (C10)

R.T.: 3.878 min
Delta R.T.: 0.006 min
Response: 1750256
Conc: 20.68 ug/ml



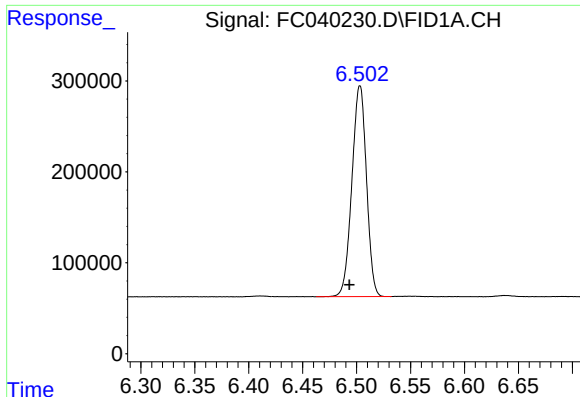
#3 A~Naphthalene (C11.7)

R.T.: 5.453 min
Delta R.T.: 0.008 min
Response: 2118551
Conc: 21.71 ug/ml



#4 n-Dodecane (C12)

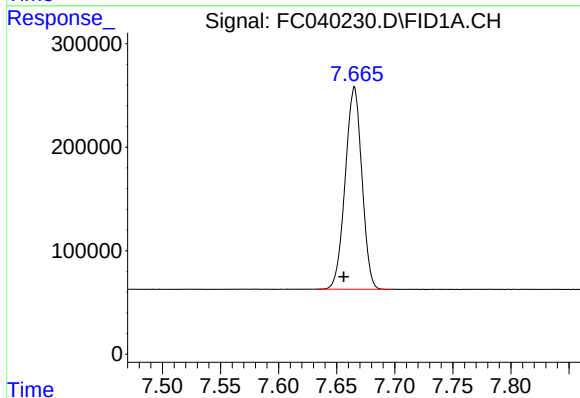
R.T.: 5.873 min
Delta R.T.: 0.007 min
Response: 1845466
Conc: 21.37 ug/ml



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

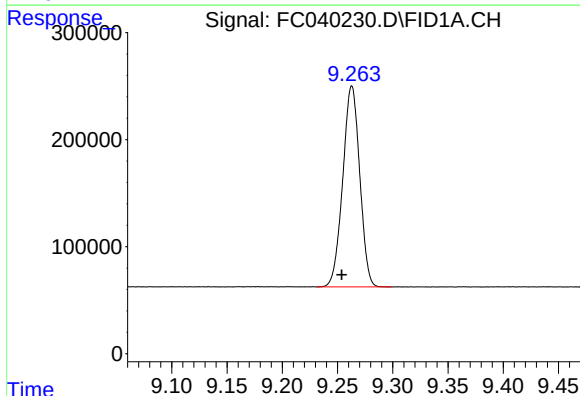
R.T.: 6.503 min
Delta R.T.: 0.010 min
Response: 2178559
Conc: 21.93 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



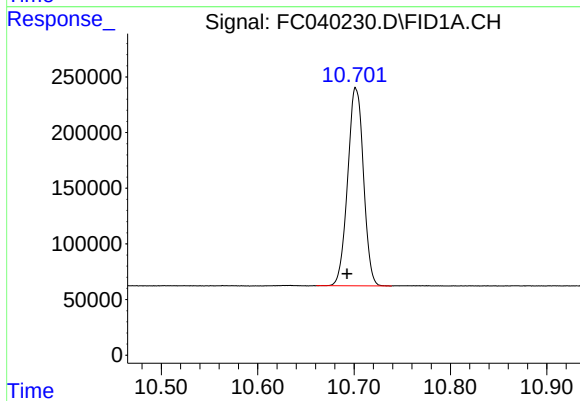
#6 n-Tetradecane (C14)

R.T.: 7.665 min
Delta R.T.: 0.009 min
Response: 1956356
Conc: 21.46 ug/ml



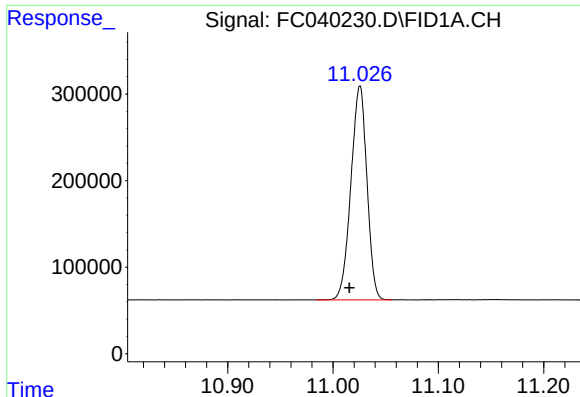
#7 n-Hexadecane (C16)

R.T.: 9.263 min
Delta R.T.: 0.009 min
Response: 2007471
Conc: 20.89 ug/ml



#8 n-Octadecane (C18)

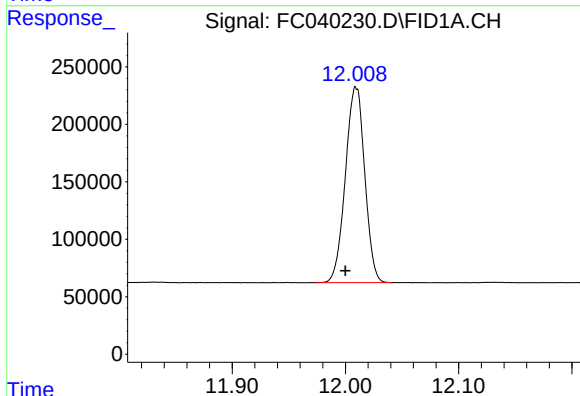
R.T.: 10.702 min
Delta R.T.: 0.009 min
Response: 2016872
Conc: 20.11 ug/ml



#9 ortho-Terphenyl (SURR)

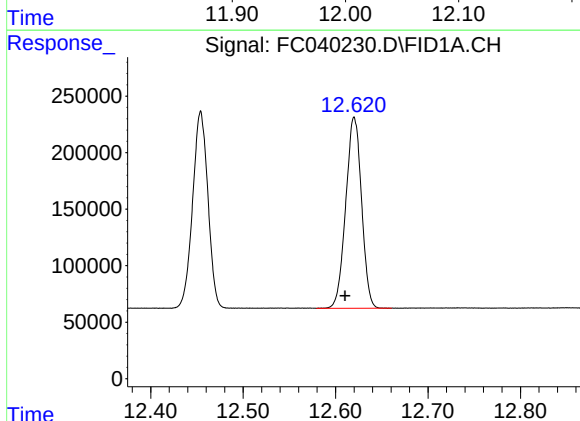
R.T.: 11.026 min
Delta R.T.: 0.010 min
Response: 2611713
Conc: 20.28 ug/ml

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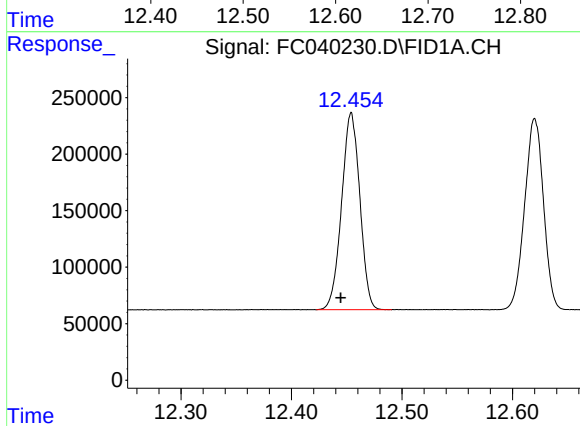
#10 n-Eicosane (C20)

R.T.: 12.009 min
Delta R.T.: 0.009 min
Response: 2022762
Conc: 19.88 ug/ml



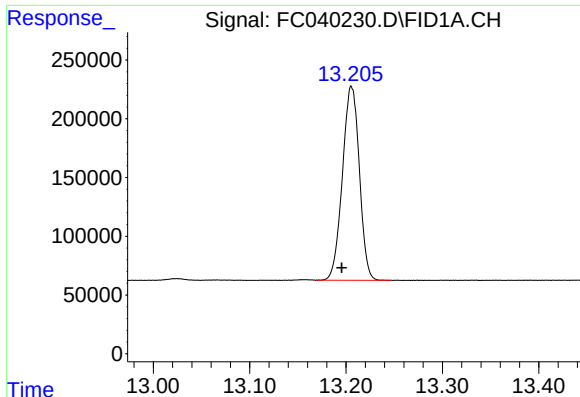
#11 n-Heneicosane (C21)

R.T.: 12.620 min
Delta R.T.: 0.010 min
Response: 2009227
Conc: 19.92 ug/ml



#12 1-chlorooctadecane (SURR)

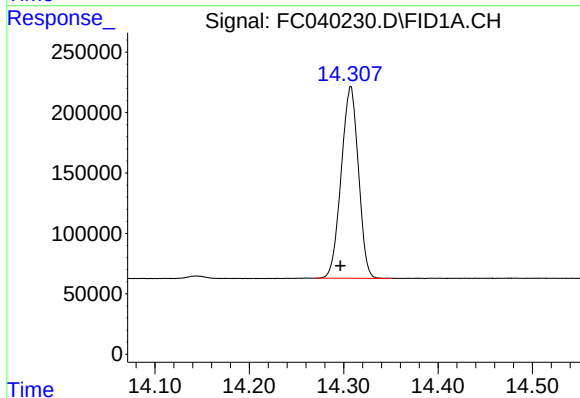
R.T.: 12.454 min
Delta R.T.: 0.009 min
Response: 2000612
Conc: 20.25 ug/ml



#13 n-Docosane (C22)

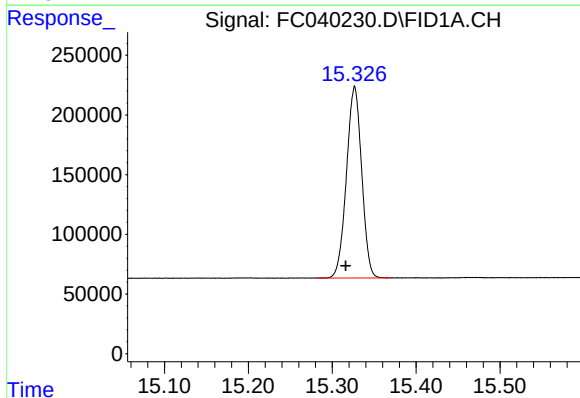
R.T.: 13.206 min
Delta R.T.: 0.010 min
Response: 2008660
Conc: 19.98 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



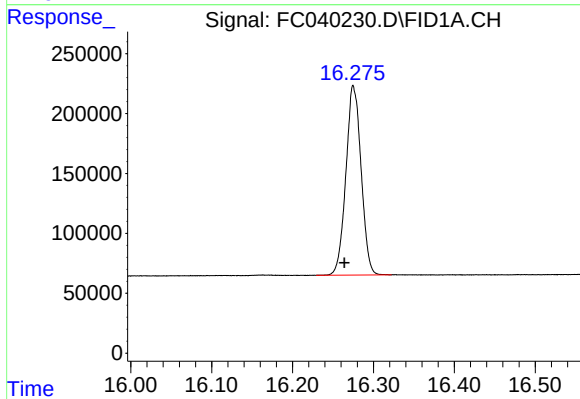
#14 n-Tetracosane (C24)

R.T.: 14.307 min
Delta R.T.: 0.011 min
Response: 2011217
Conc: 20.20 ug/ml



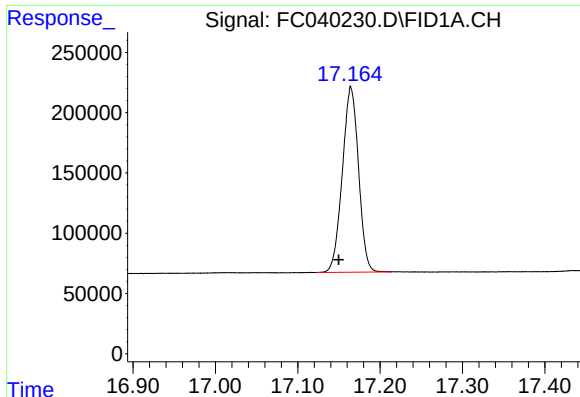
#15 n-Hexacosane (C26)

R.T.: 15.327 min
Delta R.T.: 0.011 min
Response: 2019909
Conc: 20.63 ug/ml



#16 n-Octacosane (C28)

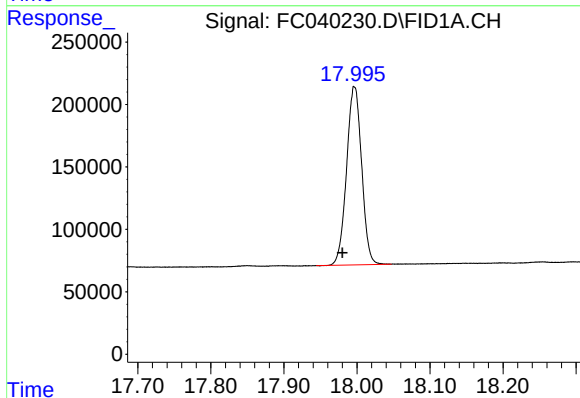
R.T.: 16.275 min
Delta R.T.: 0.011 min
Response: 2065570
Conc: 21.06 ug/ml



#17 n-Tricontane (C30)

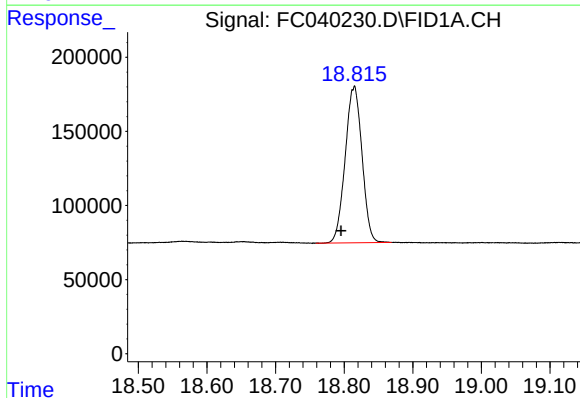
R.T.: 17.165 min
Delta R.T.: 0.015 min
Response: 2100397
Conc: 21.47 ug/ml

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20 PPM ALIPHATIC HC STD



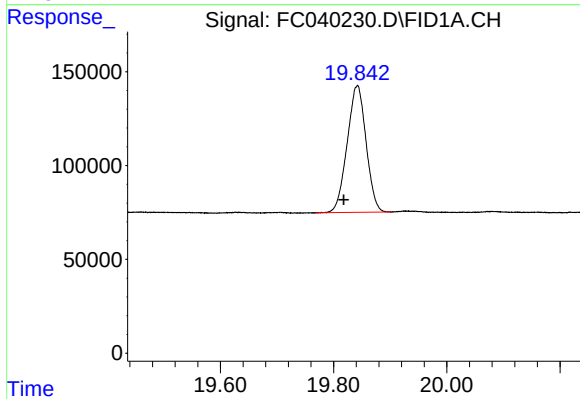
#18 n-Dotriacontane (C32)

R.T.: 17.997 min
Delta R.T.: 0.017 min
Response: 2046103
Conc: 21.14 ug/ml



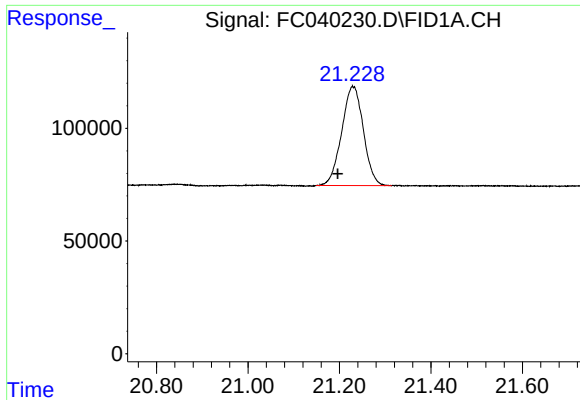
#19 n-Tetratriacontane (C34)

R.T.: 18.815 min
Delta R.T.: 0.019 min
Response: 1793293
Conc: 21.39 ug/ml



#20 n-Hexatriacontane (C36)

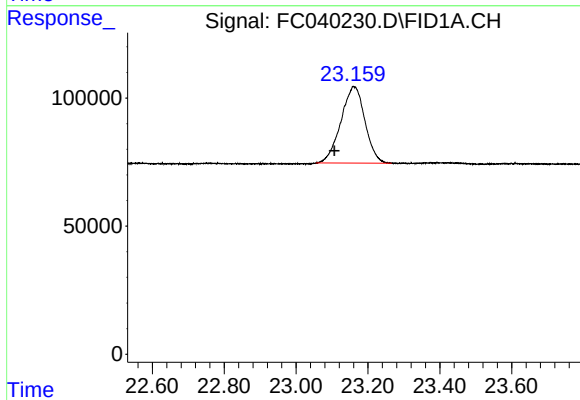
R.T.: 19.842 min
Delta R.T.: 0.024 min
Response: 1566037
Conc: 21.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.229 min
Delta R.T.: 0.033 min
Response: 1446392
Conc: 20.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 23.161 min
Delta R.T.: 0.054 min
Response: 1387073
Conc: 20.46 ug/ml