

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032419AL\
 Data File : FC040079.D
 Signal(s) : FID1A.CH
 Acq On : 24 Mar 2019 11:56
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 25 01:28:16 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)	11.012	2608160	20.253 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
12) S 1-chlorooctadecane (S...	12.441	2032776	20.579 ug/ml
Spiked Amount 50.000		Recovery =	41.16%
Target Compounds			
1) T n-Nonane (C9)	2.850	1648619	19.975 ug/ml
2) T n-Decane (C10)	3.871	1702456	20.115 ug/ml
3) T A~Naphthalene (C11.7)	5.443	1953828	20.025 ug/ml
4) T n-Dodecane (C12)	5.865	1744471	20.196 ug/ml
5) T A~2-methylnaphthalene...	6.492	1996072	20.089 ug/ml
6) T n-Tetradecane (C14)	7.654	1844607	20.239 ug/ml
7) T n-Hexadecane (C16)	9.250	1945998	20.247 ug/ml
8) T n-Octadecane (C18)	10.689	2040547	20.342 ug/ml
10) T n-Eicosane (C20)	11.997	2081207	20.450 ug/ml
11) T n-Heneicosane (C21)	12.608	2068209	20.509 ug/ml
13) T n-Docosane (C22)	13.193	2063575	20.529 ug/ml
14) T n-Tetracosane (C24)	14.291	2047604	20.566 ug/ml
15) T n-Hexacosane (C26)	15.310	2027169	20.706 ug/ml
16) T n-Octacosane (C28)	16.257	2069470	21.096 ug/ml
17) T n-Tricontane (C30)	17.142	2131600	21.784 ug/ml
18) T n-Dotriacontane (C32)	17.973	2110065	21.803 ug/ml
19) T n-Tetratriacontane (C34)	18.786	1839434	21.943 ug/ml
20) T n-Hexatriacontane (C36)	19.801	1586061	21.541 ug/ml
21) T n-Octatriacontane (C38)	21.174	1483167	21.464 ug/ml
22) T n-Tetracontane (C40)	23.080	1444169	21.305 ug/ml

(f)=RT Delta > 1/2 Window

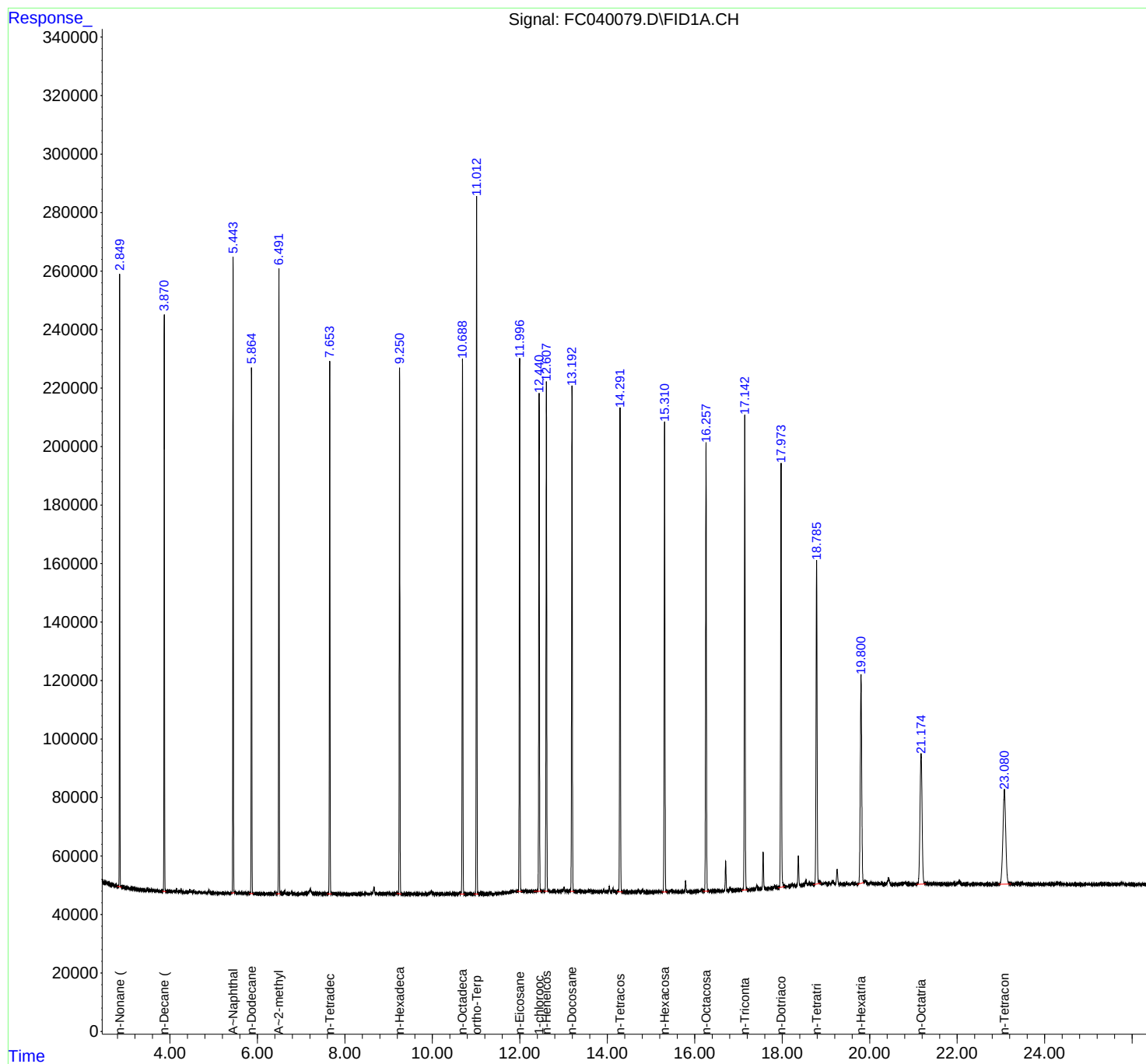
(m)=manual int.

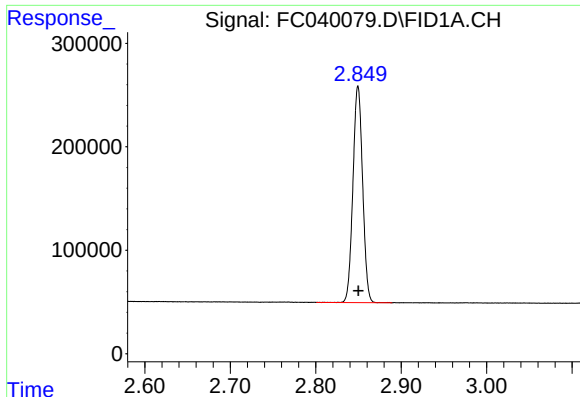
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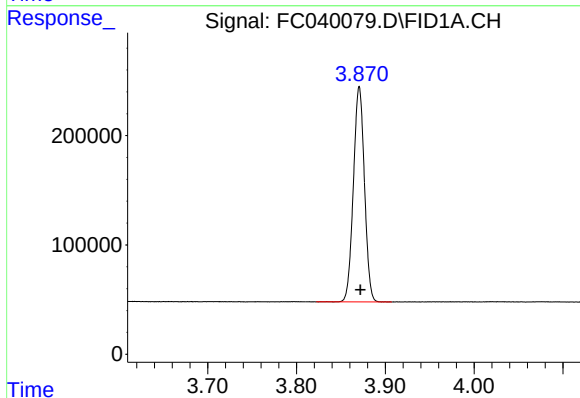




#1 n-Nonane (C9)

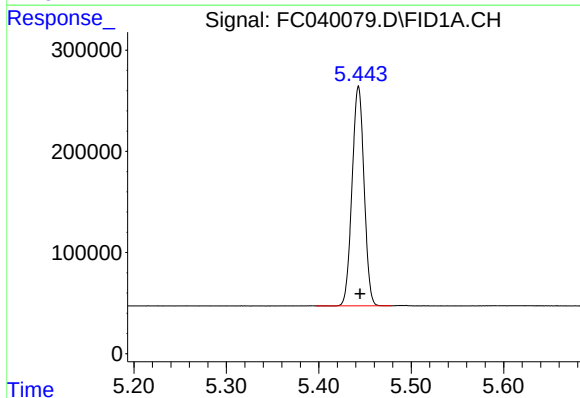
R.T.: 2.850 min
Delta R.T.: 0.000 min
Response: 1648619
Conc: 19.98 ug/ml

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20 PPM ALIPHATIC HC STD



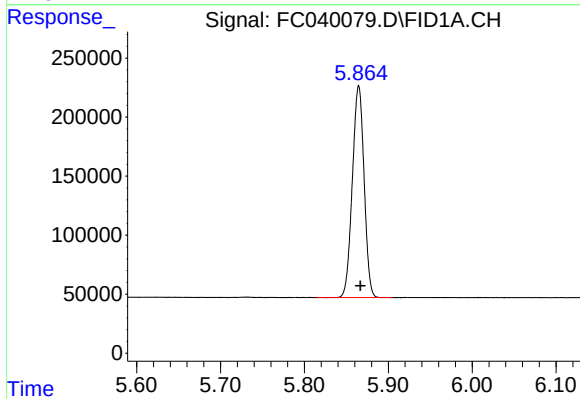
#2 n-Decane (C10)

R.T.: 3.871 min
Delta R.T.: -0.001 min
Response: 1702456
Conc: 20.12 ug/ml



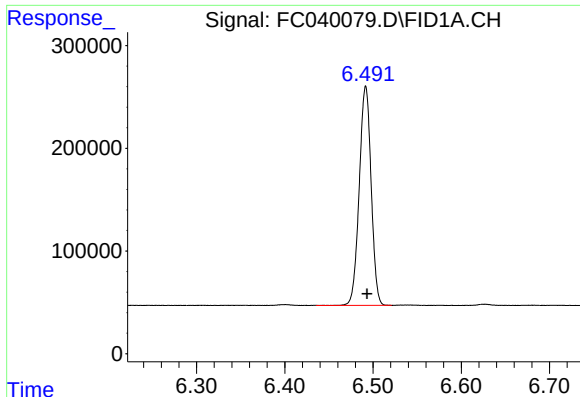
#3 A~Naphthalene (C11.7)

R.T.: 5.443 min
Delta R.T.: -0.002 min
Response: 1953828
Conc: 20.03 ug/ml



#4 n-Dodecane (C12)

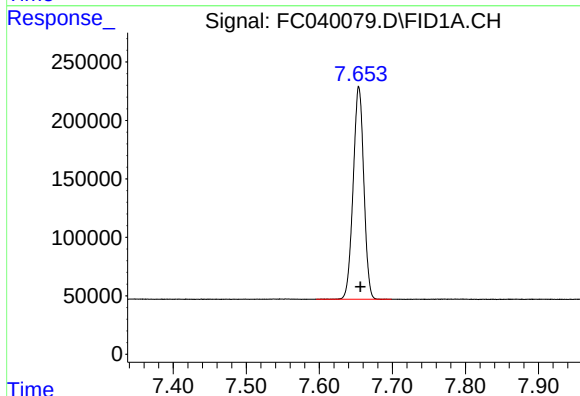
R.T.: 5.865 min
Delta R.T.: -0.002 min
Response: 1744471
Conc: 20.20 ug/ml



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

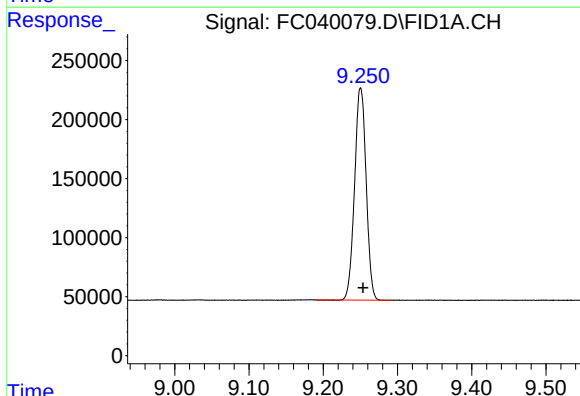
R.T.: 6.492 min
Delta R.T.: -0.002 min
Response: 1996072
Conc: 20.09 ug/ml

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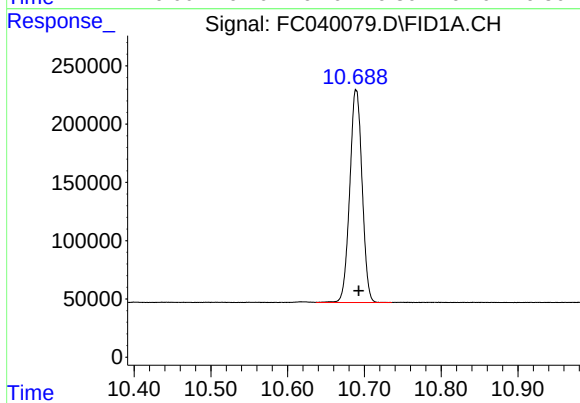
#6 n-Tetradecane (C14)

R.T.: 7.654 min
Delta R.T.: -0.002 min
Response: 1844607
Conc: 20.24 ug/ml



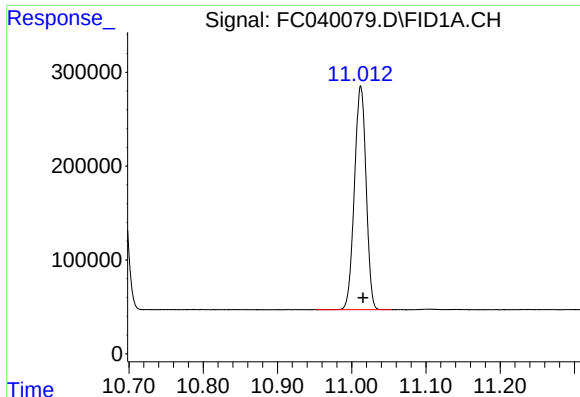
#7 n-Hexadecane (C16)

R.T.: 9.250 min
Delta R.T.: -0.003 min
Response: 1945998
Conc: 20.25 ug/ml



#8 n-Octadecane (C18)

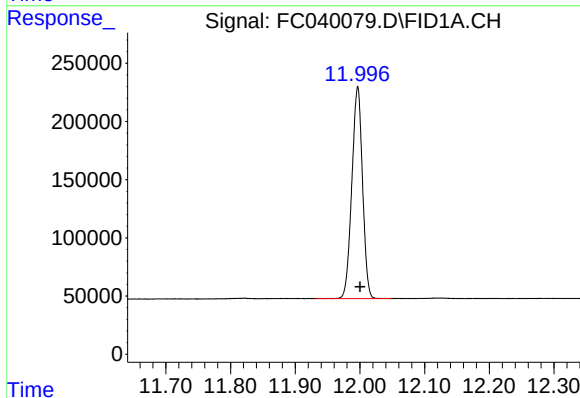
R.T.: 10.689 min
Delta R.T.: -0.003 min
Response: 2040547
Conc: 20.34 ug/ml



#9 ortho-Terphenyl (SURR)

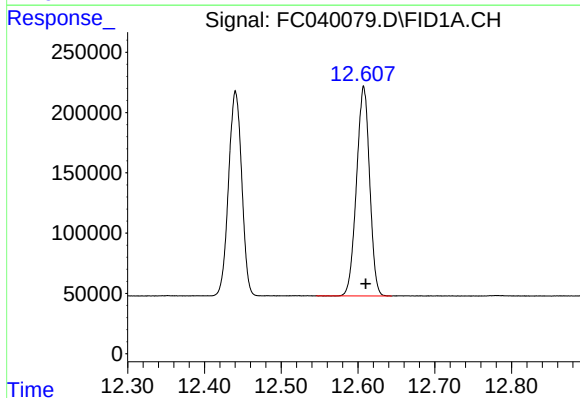
R.T.: 11.012 min
Delta R.T.: -0.003 min
Response: 2608160
Conc: 20.25 ug/ml

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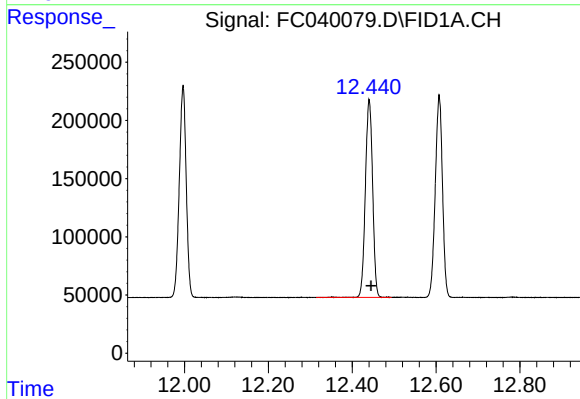
#10 n-Eicosane (C20)

R.T.: 11.997 min
Delta R.T.: -0.003 min
Response: 2081207
Conc: 20.45 ug/ml



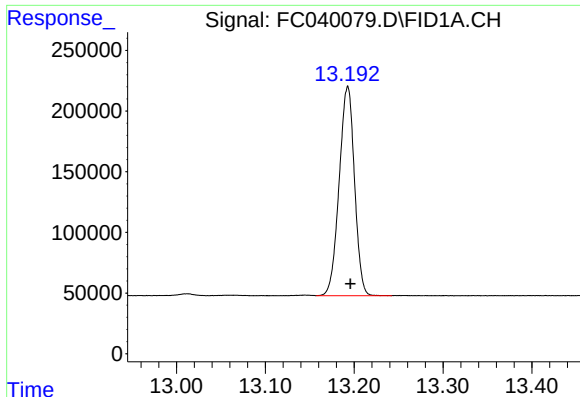
#11 n-Heneicosane (C21)

R.T.: 12.608 min
Delta R.T.: -0.003 min
Response: 2068209
Conc: 20.51 ug/ml



#12 1-chlorooctadecane (SURR)

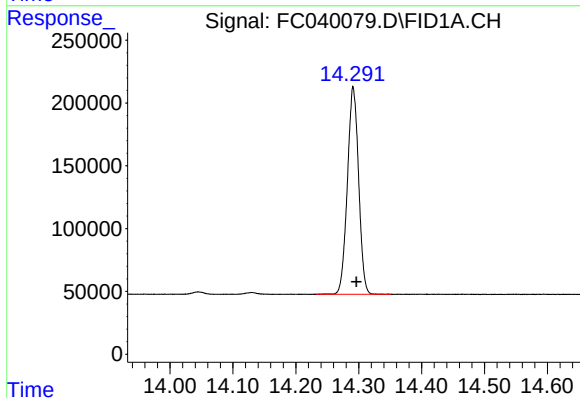
R.T.: 12.441 min
Delta R.T.: -0.004 min
Response: 2032776
Conc: 20.58 ug/ml



#13 n-Docosane (C22)

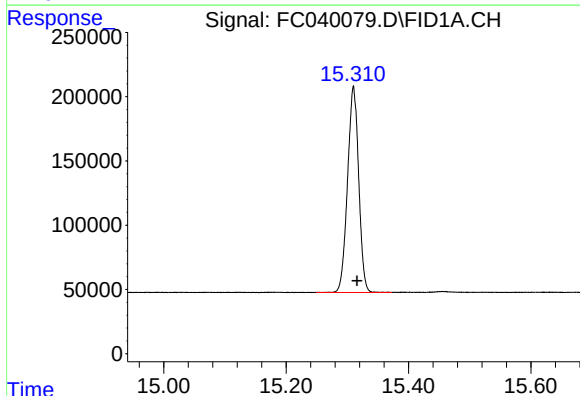
R.T.: 13.193 min
Delta R.T.: -0.003 min
Response: 2063575
Conc: 20.53 ug/ml

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20 PPM ALIPHATIC HC STD



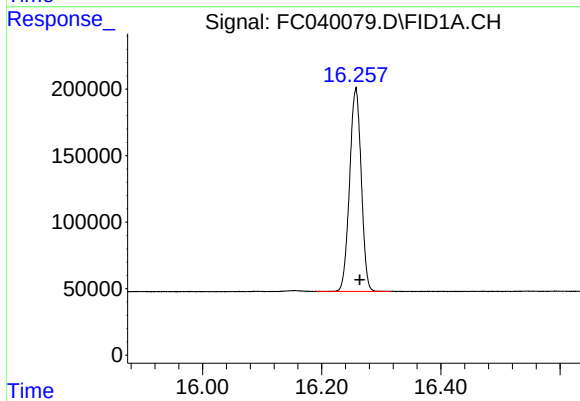
#14 n-Tetracosane (C24)

R.T.: 14.291 min
Delta R.T.: -0.005 min
Response: 2047604
Conc: 20.57 ug/ml



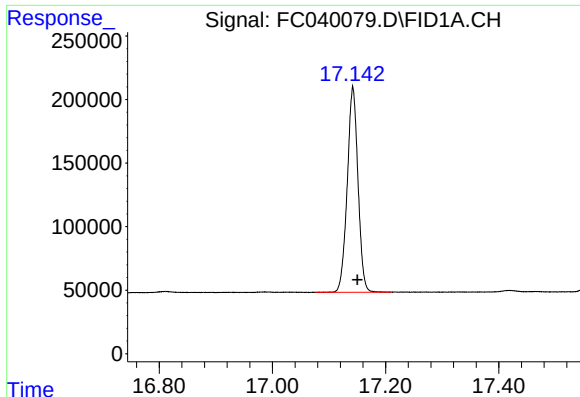
#15 n-Hexacosane (C26)

R.T.: 15.310 min
Delta R.T.: -0.006 min
Response: 2027169
Conc: 20.71 ug/ml



#16 n-Octacosane (C28)

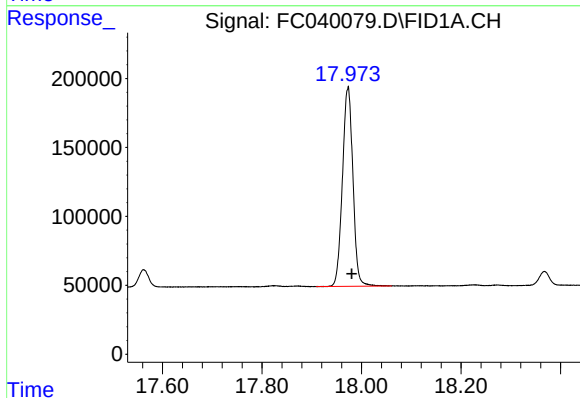
R.T.: 16.257 min
Delta R.T.: -0.007 min
Response: 2069470
Conc: 21.10 ug/ml



#17 n-Tricontane (C30)

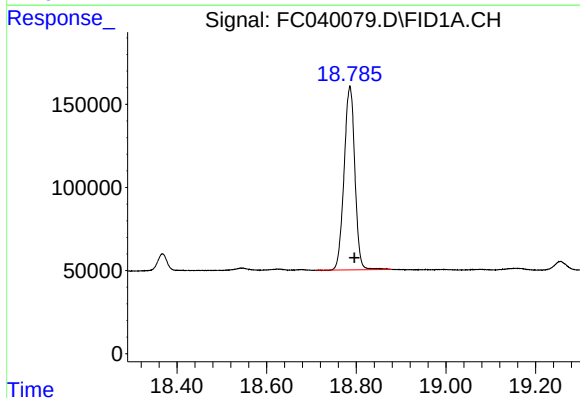
R.T.: 17.142 min
Delta R.T.: -0.008 min
Response: 2131600
Conc: 21.78 ug/ml

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20 PPM ALIPHATIC HC STD



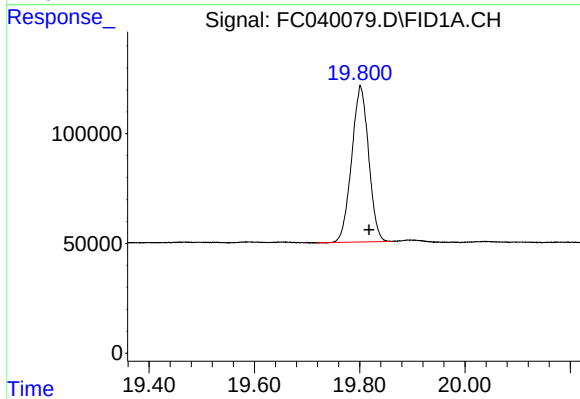
#18 n-Dotriacontane (C32)

R.T.: 17.973 min
Delta R.T.: -0.007 min
Response: 2110065
Conc: 21.80 ug/ml



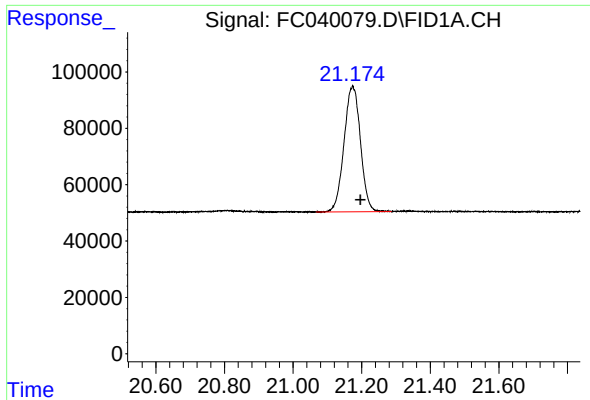
#19 n-Tetratriacontane (C34)

R.T.: 18.786 min
Delta R.T.: -0.010 min
Response: 1839434
Conc: 21.94 ug/ml



#20 n-Hexatriacontane (C36)

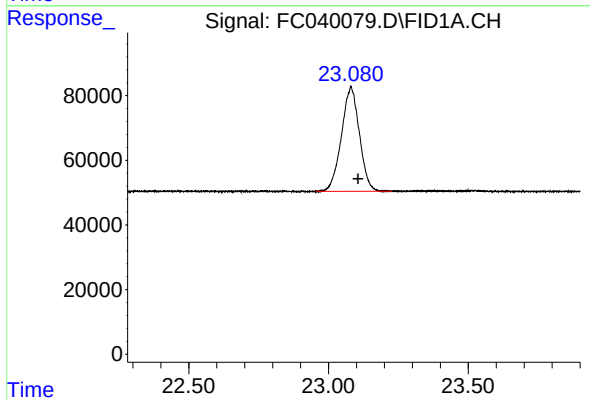
R.T.: 19.801 min
Delta R.T.: -0.016 min
Response: 1586061
Conc: 21.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.174 min
Delta R.T.: -0.022 min
Response: 1483167
Conc: 21.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 23.080 min
Delta R.T.: -0.026 min
Response: 1444169
Conc: 21.30 ug/ml