

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050522AL\
 Data File : FC059584.D
 Signal(s) : FID1A.CH
 Acq On : 05 May 2022 17:59
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 06 00:53:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Thu May 05 15:50:37 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)	10.742	2954735	20.121 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
12) S 1-chlorooctadecane (S...	12.108	2319154	20.152 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
Target Compounds			
1) T n-Nonane (C9)	2.684	2578155	20.189 ug/ml
2) T n-Decane (C10)	3.691	2568988	20.285 ug/ml
3) T A~Naphthalene (C11.7)	5.248	2973435	20.194 ug/ml
4) T n-Dodecane (C12)	5.651	2670851	20.309 ug/ml
5) T A~2-methylnaphthalene...	6.273	3035870	20.196 ug/ml
6) T n-Tetradecane (C14)	7.405	2729305	20.283 ug/ml
7) T n-Hexadecane (C16)	8.972	2781154	20.269 ug/ml
8) T n-Octadecane (C18)	10.385	2787335	20.226 ug/ml
10) T n-Eicosane (C20)	11.666	2716766	20.199 ug/ml
11) T n-Heneicosane (C21)	12.266	2688810	20.155 ug/ml
13) T n-Docosane (C22)	12.840	2673245	20.369 ug/ml
14) T n-Tetracosane (C24)	13.920	2549114	20.260 ug/ml
15) T n-Hexacosane (C26)	14.920	2423358	20.291 ug/ml
16) T n-Octacosane (C28)	15.851	2294462	20.154 ug/ml
17) T n-Tricontane (C30)	16.719	2205438	20.063 ug/ml
18) T n-Dotriacontane (C32)	17.533	2099453	20.308 ug/mlm
19) T n-Tetratriacontane (C34)	18.300	1970429	20.182 ug/ml
20) T n-Hexatriacontane (C36)	19.024	1860084	20.037 ug/ml
21) T n-Octatriacontane (C38)	19.709	1875624	19.703 ug/ml
22) T n-Tetracontane (C40)	20.359	1940577	20.500 ug/ml

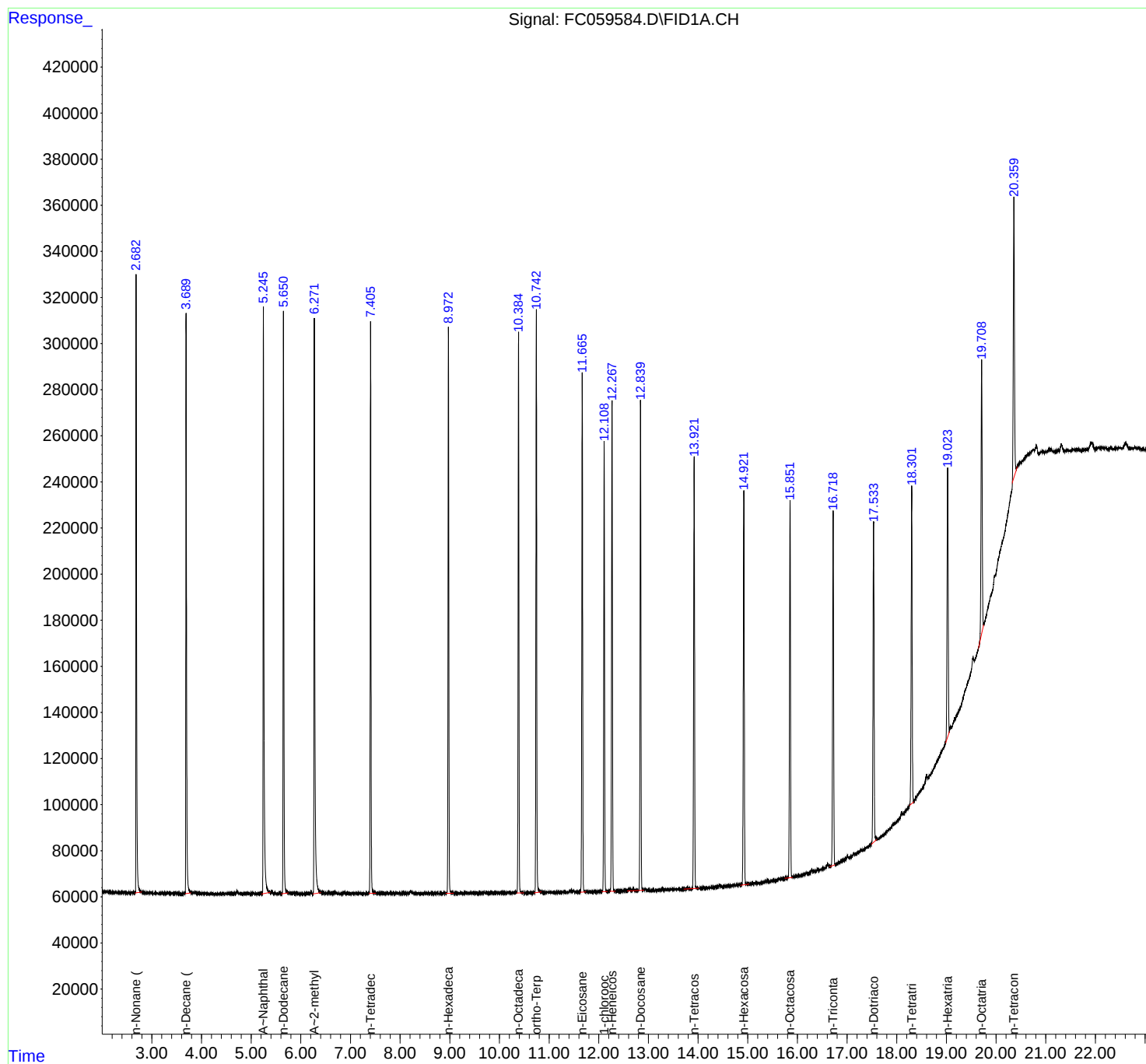
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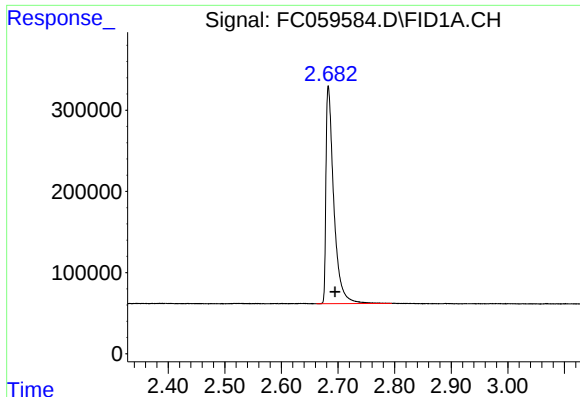
(m)=manual int.

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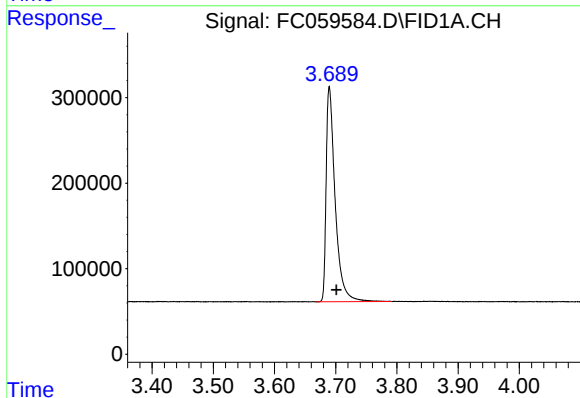
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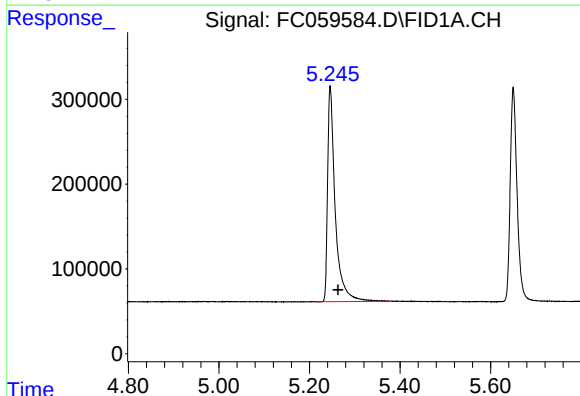
#1 n-Nonane (C9)

R.T.: 2.684 min
Delta R.T.: -0.011 min
Response: 2578155
Conc: 20.19 ug/ml



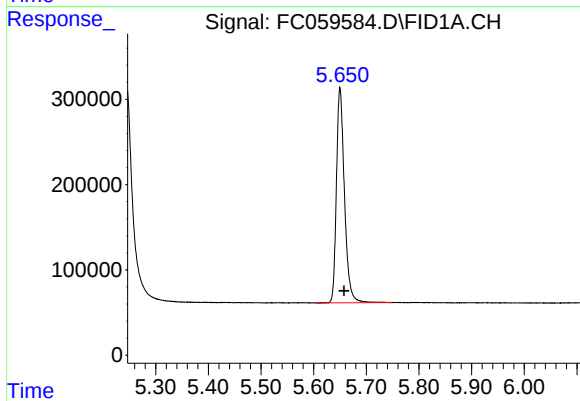
#2 n-Decane (C10)

R.T.: 3.691 min
Delta R.T.: -0.011 min
Response: 2568988
Conc: 20.28 ug/ml



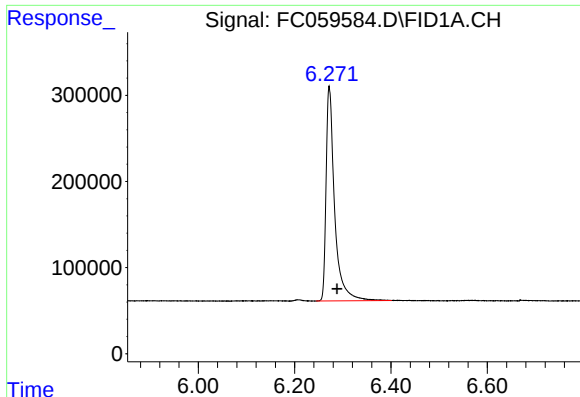
#3 A~Naphthalene (C11.7)

R.T.: 5.248 min
Delta R.T.: -0.016 min
Response: 2973435
Conc: 20.19 ug/ml



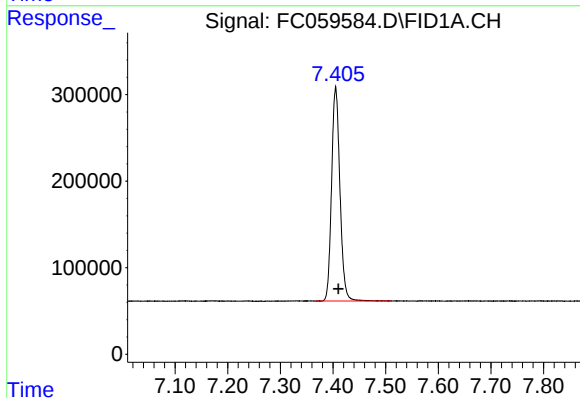
#4 n-Dodecane (C12)

R.T.: 5.651 min
Delta R.T.: -0.007 min
Response: 2670851
Conc: 20.31 ug/ml



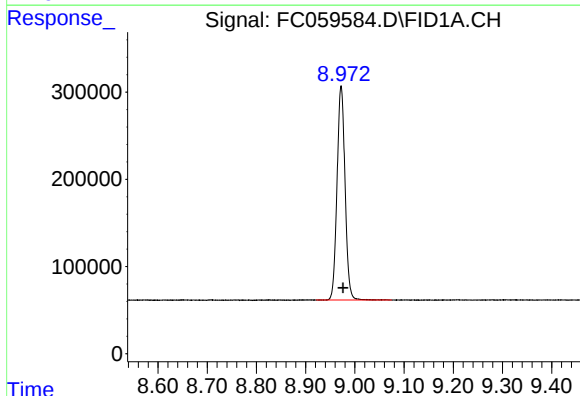
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.273 min
Delta R.T.: -0.014 min
Response: 3035870
Conc: 20.20 ug/ml



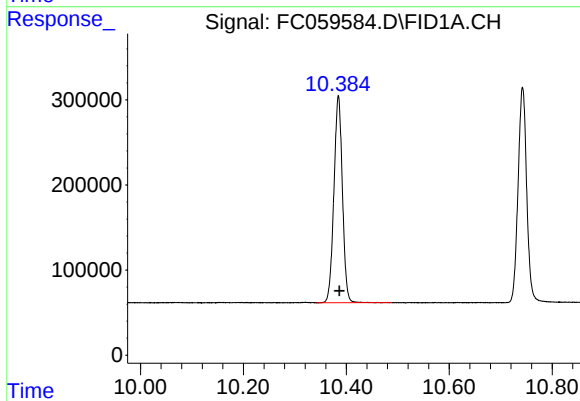
#6 n-Tetradecane (C14)

R.T.: 7.405 min
Delta R.T.: -0.005 min
Response: 2729305
Conc: 20.28 ug/ml



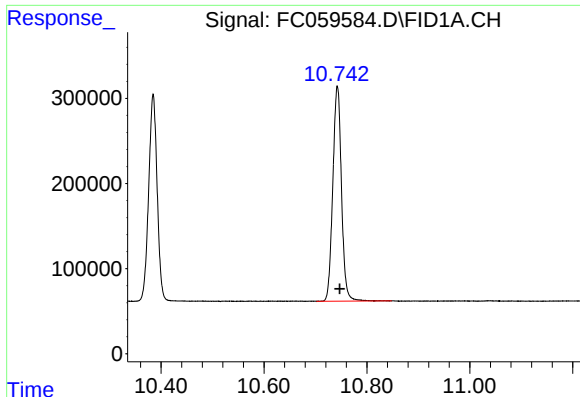
#7 n-Hexadecane (C16)

R.T.: 8.972 min
Delta R.T.: -0.004 min
Response: 2781154
Conc: 20.27 ug/ml



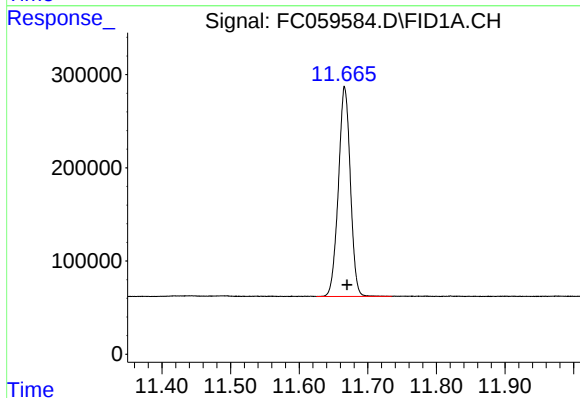
#8 n-Octadecane (C18)

R.T.: 10.385 min
Delta R.T.: -0.002 min
Response: 2787335
Conc: 20.23 ug/ml



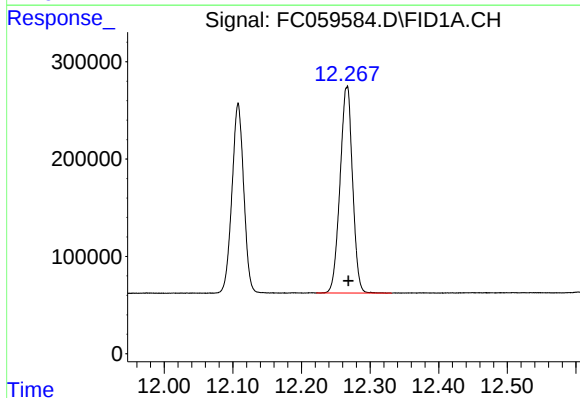
#9 ortho-Terphenyl (SURR)

R.T.: 10.742 min
Delta R.T.: -0.005 min
Response: 2954735
Conc: 20.12 ug/ml



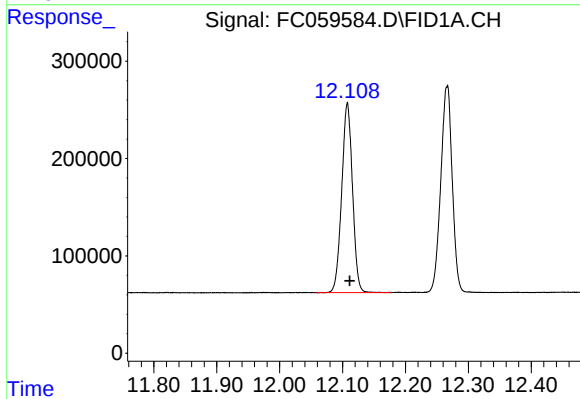
#10 n-Eicosane (C20)

R.T.: 11.666 min
Delta R.T.: -0.003 min
Response: 2716766
Conc: 20.20 ug/ml



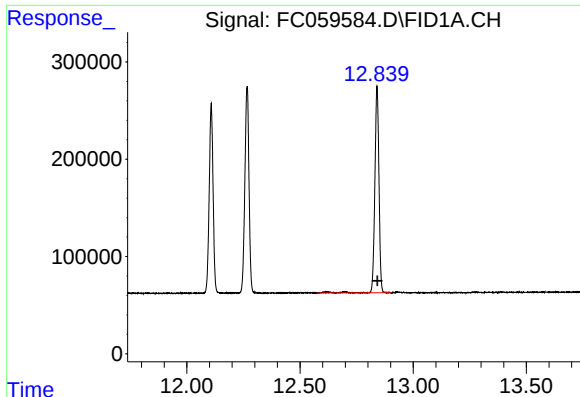
#11 n-Heneicosane (C21)

R.T.: 12.266 min
Delta R.T.: -0.003 min
Response: 2688810
Conc: 20.16 ug/ml



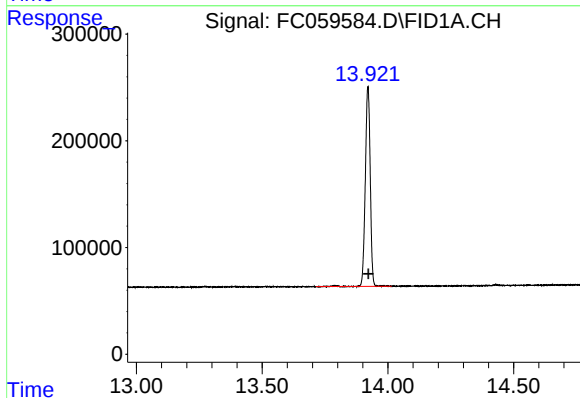
#12 1-chlorooctadecane (SURR)

R.T.: 12.108 min
Delta R.T.: -0.004 min
Response: 2319154
Conc: 20.15 ug/ml



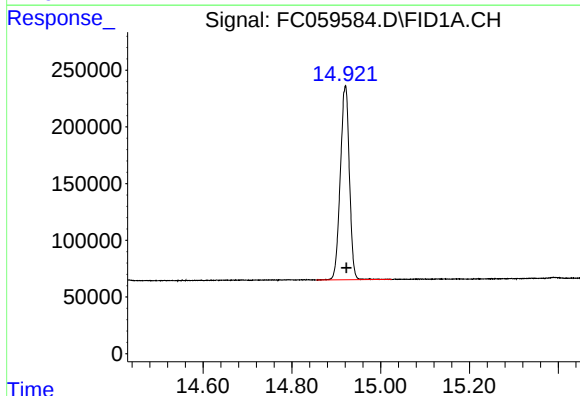
#13 n-Docosane (C22)

R.T.: 12.840 min
Delta R.T.: -0.002 min
Response: 2673245
Conc: 20.37 ug/ml



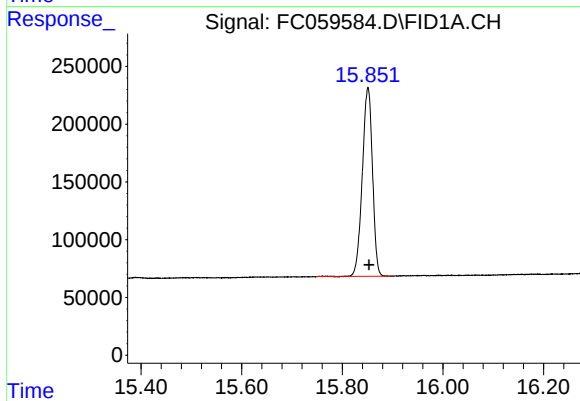
#14 n-Tetracosane (C24)

R.T.: 13.920 min
Delta R.T.: -0.002 min
Response: 2549114
Conc: 20.26 ug/ml



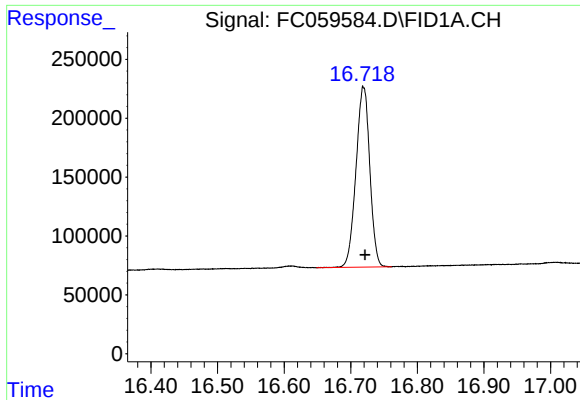
#15 n-Hexacosane (C26)

R.T.: 14.920 min
Delta R.T.: -0.003 min
Response: 2423358
Conc: 20.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.851 min
Delta R.T.: -0.002 min
Response: 2294462
Conc: 20.15 ug/ml



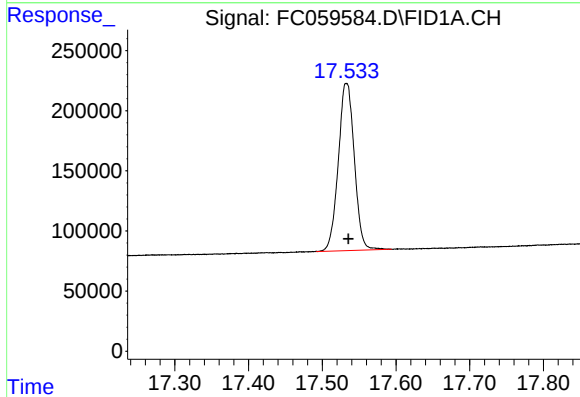
#17 n-Tricontane (C30)

R.T.: 16.719 min

Delta R.T.: -0.003 min

Response: 2205438

Conc: 20.06 ug/ml



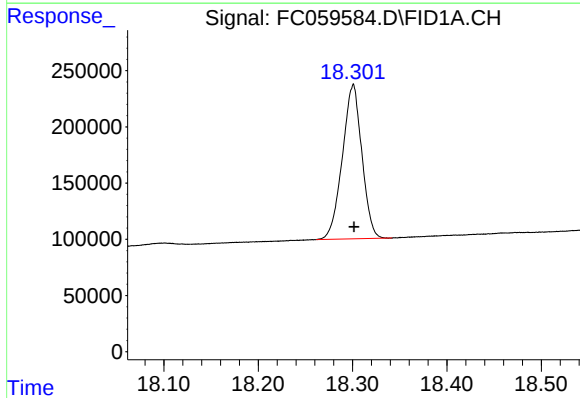
#18 n-Dotriacontane (C32)

R.T.: 17.533 min

Delta R.T.: -0.002 min

Response: 2099453

Conc: 20.31 ug/ml m



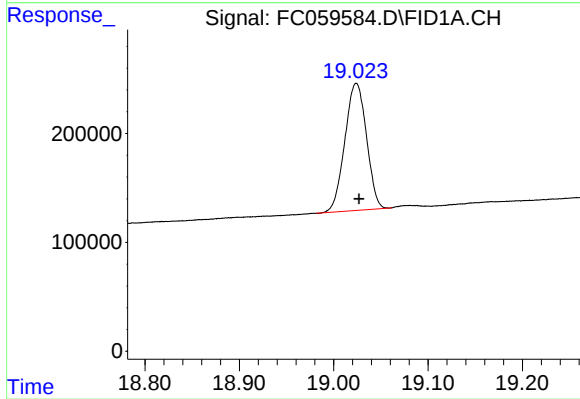
#19 n-Tetratriacontane (C34)

R.T.: 18.300 min

Delta R.T.: -0.002 min

Response: 1970429

Conc: 20.18 ug/ml



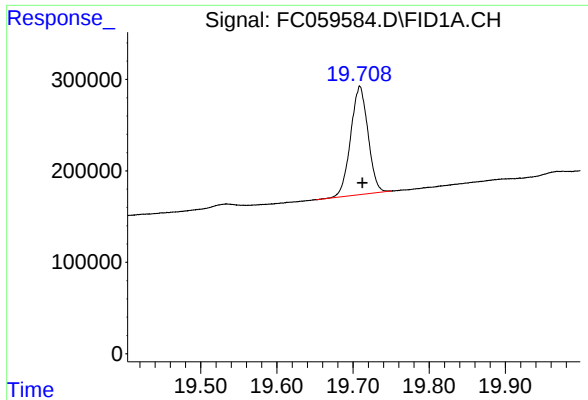
#20 n-Hexatriacontane (C36)

R.T.: 19.024 min

Delta R.T.: -0.003 min

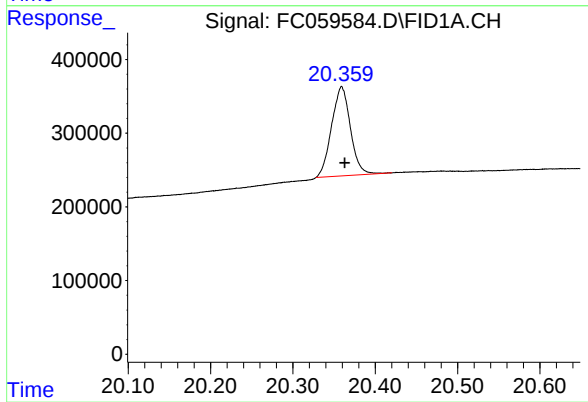
Response: 1860084

Conc: 20.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.709 min
Delta R.T.: -0.004 min
Response: 1875624
Conc: 19.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.359 min
Delta R.T.: -0.004 min
Response: 1940577
Conc: 20.50 ug/ml