

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042122AL\
 Data File : FC059344.D
 Signal(s) : FID1A.CH
 Acq On : 21 Apr 2022 16:23
 Operator : UA/NP
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 21 17:24:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 16:43:01 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)	11.097	1653803	10.559 ug/ml
Spiked Amount 50.000		Recovery =	21.12%
12) S 1-chlorooctadecane (S...	12.544	1346470	10.595 ug/ml
Spiked Amount 50.000		Recovery =	21.19%
Target Compounds			
1) T n-Nonane (C9)	2.962	1255026	9.984 ug/ml
2) T n-Decane (C10)	4.003	1259618	10.049 ug/ml
3) T A~Naphthalene (C11.7)	5.557	1173624	8.629 ug/ml
4) T n-Dodecane (C12)	5.999	1334487	10.180 ug/ml
5) T A~2-methylnaphthalene...	6.605	1214258	8.806 ug/ml
6) T n-Tetradecane (C14)	7.781	1371868	10.256 ug/ml
7) T n-Hexadecane (C16)	9.372	1437575	10.424 ug/ml
8) T n-Octadecane (C18)	10.805	1500568	10.513 ug/ml
10) T n-Eicosane (C20)	12.106	1547286	10.665 ug/ml
11) T n-Heneicosane (C21)	12.714	1574980	10.717 ug/ml
13) T n-Docosane (C22)	13.298	1583502	10.710 ug/ml
14) T n-Tetracosane (C24)	14.395	1605709	10.780 ug/ml
15) T n-Hexacosane (C26)	15.411	1609288	10.912 ug/ml
16) T n-Octacosane (C28)	16.357	1627622	11.095 ug/ml
17) T n-Tricontane (C30)	17.241	1595322	11.214 ug/ml
18) T n-Dotriacontane (C32)	18.069	1491953	11.315 ug/ml
19) T n-Tetratriacontane (C34)	18.851	1362289	11.556 ug/ml
20) T n-Hexatriacontane (C36)	19.588	1195829	11.765 ug/ml
21) T n-Octatriacontane (C38)	20.285	1036299	11.919 ug/ml
22) T n-Tetracontane (C40)	21.025	935624	11.924 ug/ml

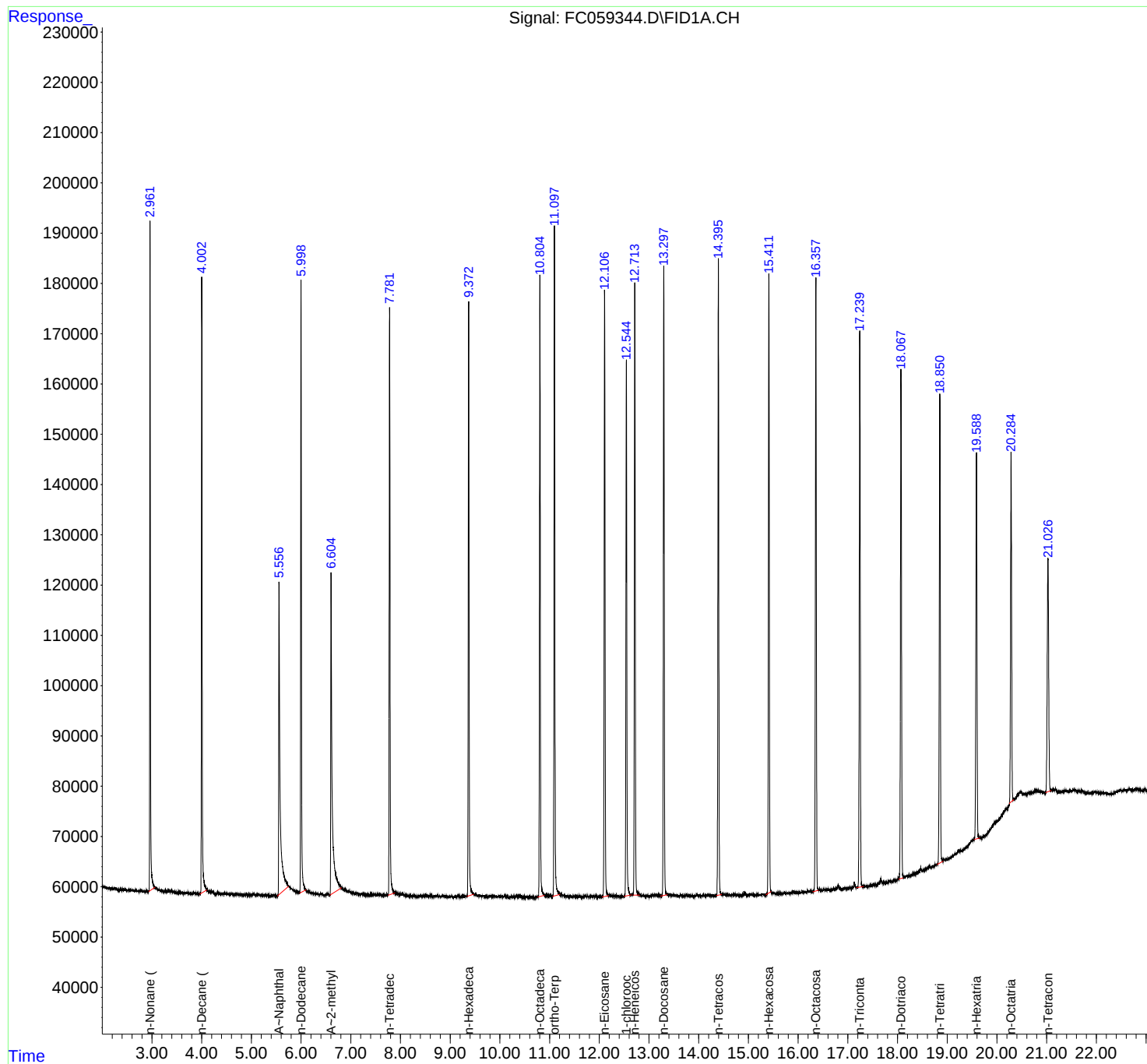
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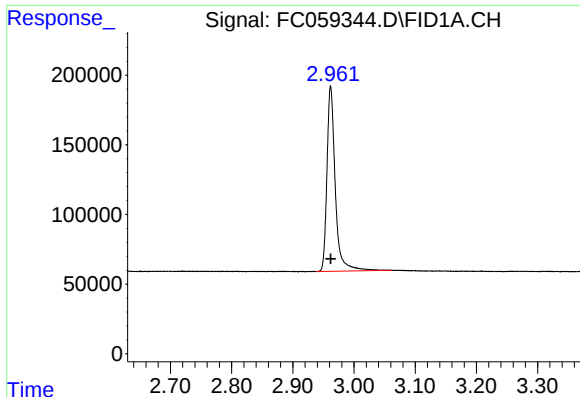
(m)=manual int.

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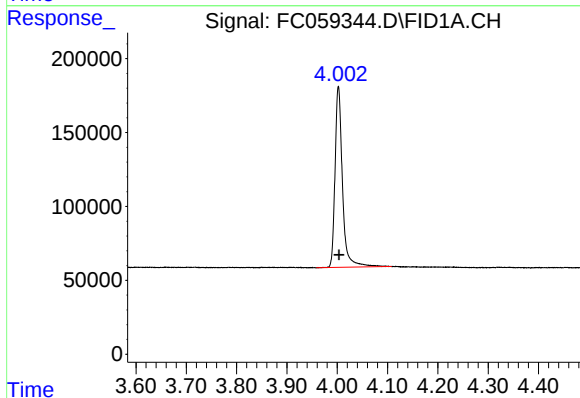
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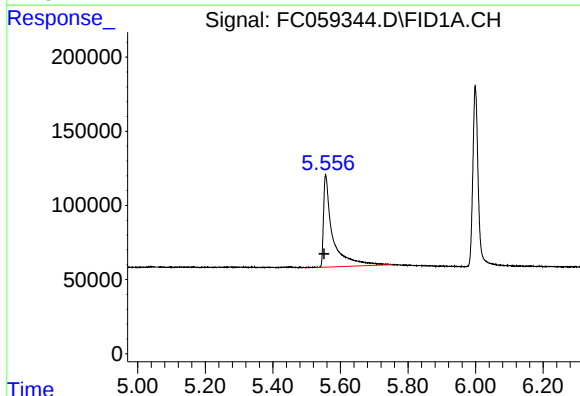
#1 n-Nonane (C9)

R.T.: 2.962 min
Delta R.T.: 0.000 min
Response: 1255026
Conc: 9.98 ug/ml



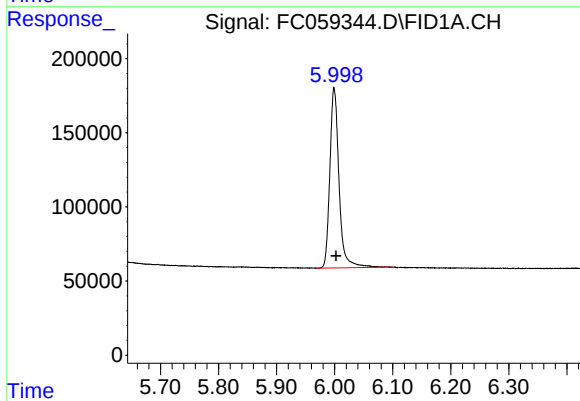
#2 n-Decane (C10)

R.T.: 4.003 min
Delta R.T.: -0.001 min
Response: 1259618
Conc: 10.05 ug/ml



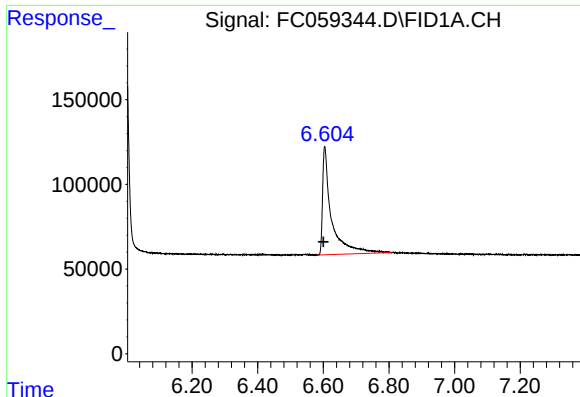
#3 A~Naphthalene (C11.7)

R.T.: 5.557 min
Delta R.T.: 0.006 min
Response: 1173624
Conc: 8.63 ug/ml



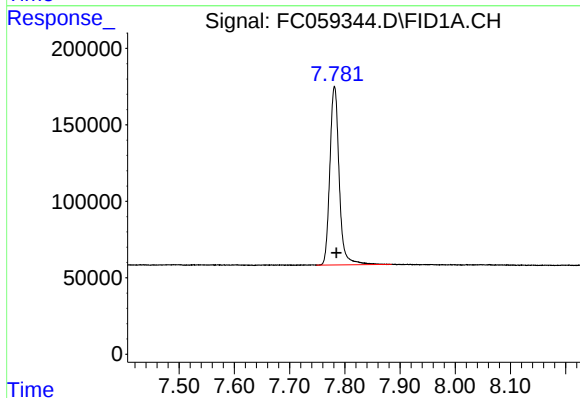
#4 n-Dodecane (C12)

R.T.: 5.999 min
Delta R.T.: -0.003 min
Response: 1334487
Conc: 10.18 ug/ml



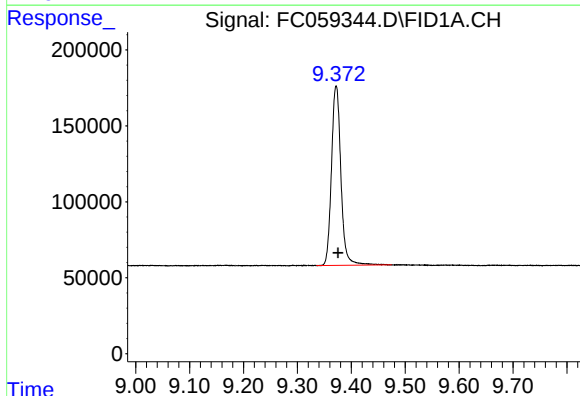
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.605 min
Delta R.T.: 0.005 min
Response: 1214258
Conc: 8.81 ug/ml



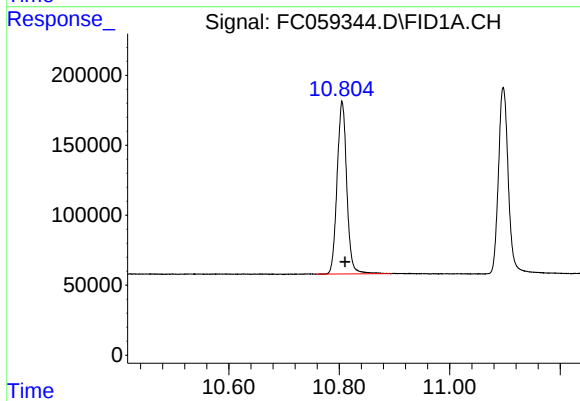
#6 n-Tetradecane (C14)

R.T.: 7.781 min
Delta R.T.: -0.003 min
Response: 1371868
Conc: 10.26 ug/ml



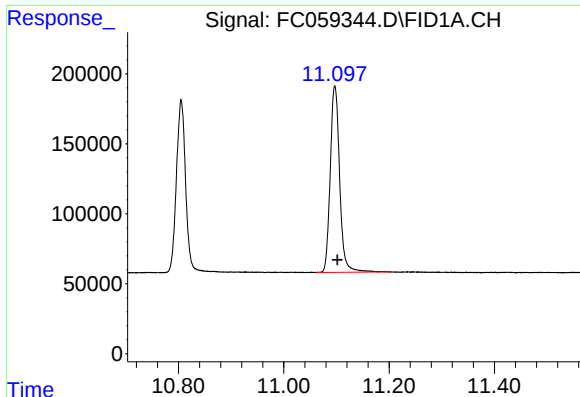
#7 n-Hexadecane (C16)

R.T.: 9.372 min
Delta R.T.: -0.004 min
Response: 1437575
Conc: 10.42 ug/ml



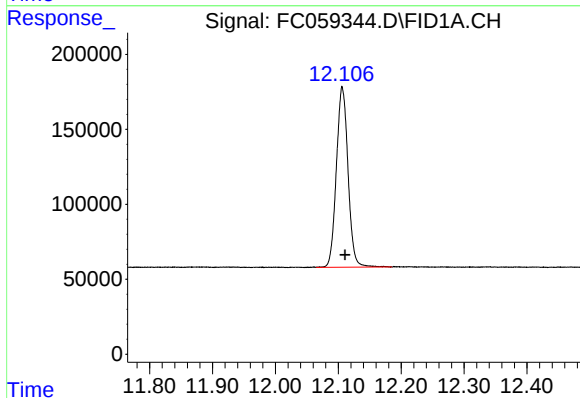
#8 n-Octadecane (C18)

R.T.: 10.805 min
Delta R.T.: -0.005 min
Response: 1500568
Conc: 10.51 ug/ml



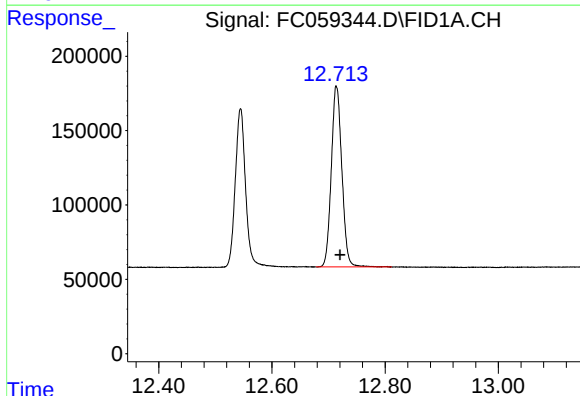
#9 ortho-Terphenyl (SURR)

R.T.: 11.097 min
Delta R.T.: -0.005 min
Response: 1653803
Conc: 10.56 ug/ml



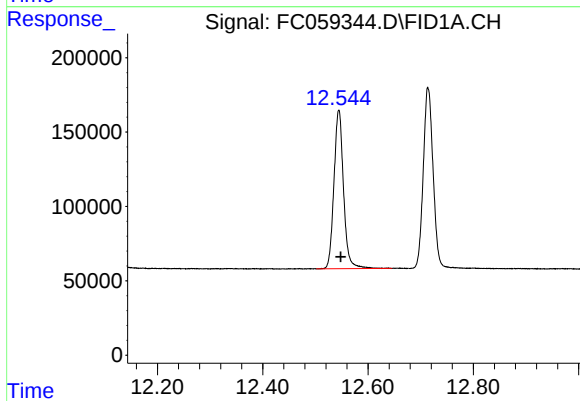
#10 n-Eicosane (C20)

R.T.: 12.106 min
Delta R.T.: -0.005 min
Response: 1547286
Conc: 10.67 ug/ml



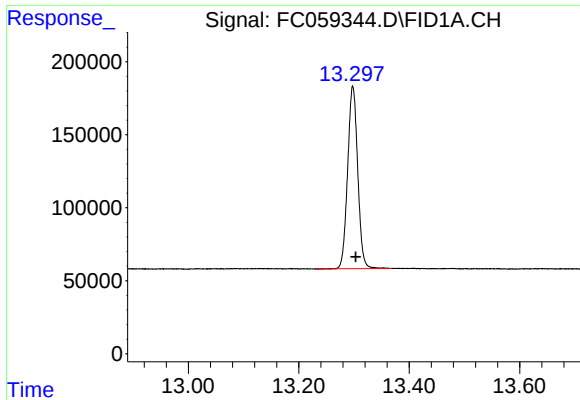
#11 n-Heneicosane (C21)

R.T.: 12.714 min
Delta R.T.: -0.006 min
Response: 1574980
Conc: 10.72 ug/ml



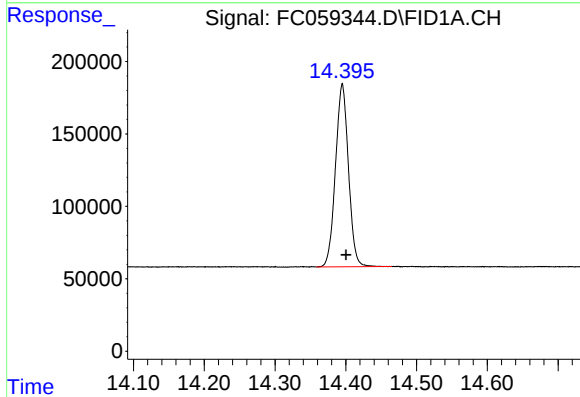
#12 1-chlorooctadecane (SURR)

R.T.: 12.544 min
Delta R.T.: -0.003 min
Response: 1346470
Conc: 10.60 ug/ml



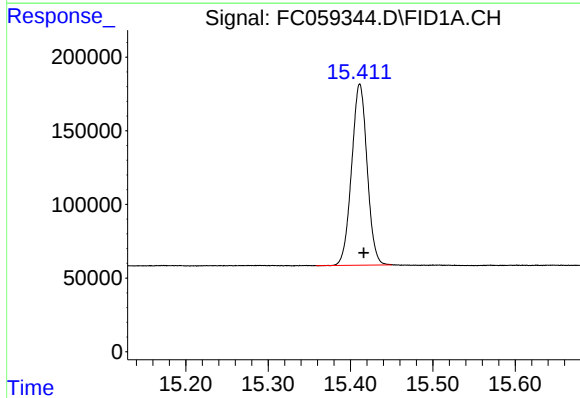
#13 n-Docosane (C22)

R.T.: 13.298 min
Delta R.T.: -0.005 min
Response: 1583502
Conc: 10.71 ug/ml



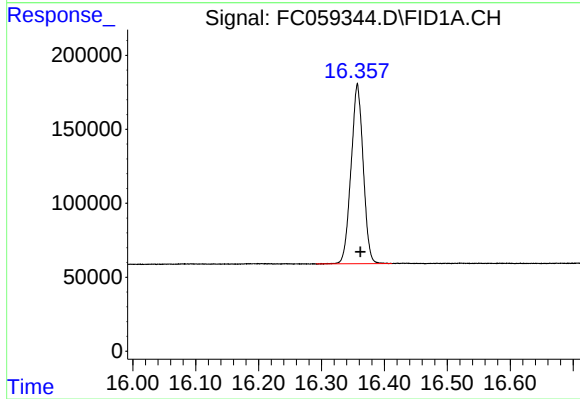
#14 n-Tetracosane (C24)

R.T.: 14.395 min
Delta R.T.: -0.005 min
Response: 1605709
Conc: 10.78 ug/ml



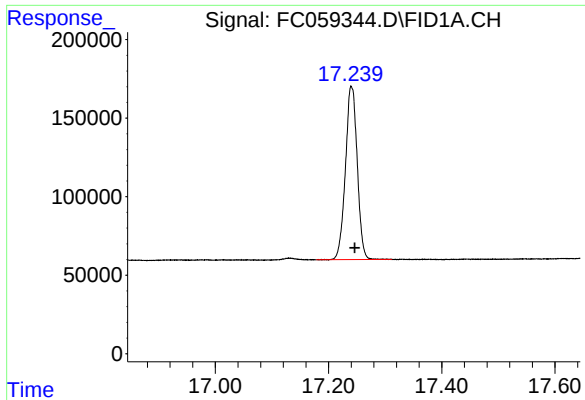
#15 n-Hexacosane (C26)

R.T.: 15.411 min
Delta R.T.: -0.005 min
Response: 1609288
Conc: 10.91 ug/ml



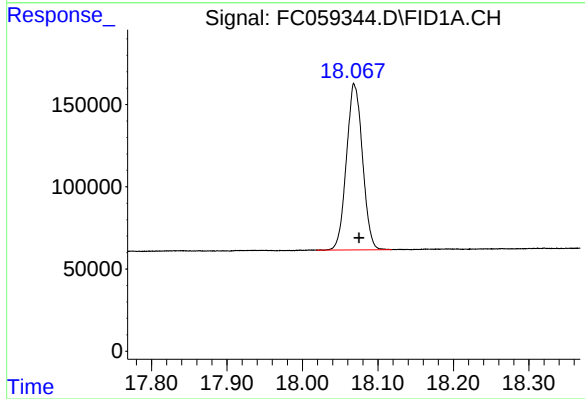
#16 n-Octacosane (C28)

R.T.: 16.357 min
Delta R.T.: -0.005 min
Response: 1627622
Conc: 11.09 ug/ml



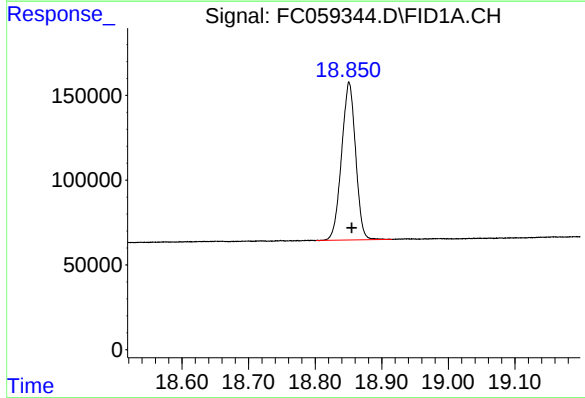
#17 n-Tricontane (C30)

R.T.: 17.241 min
Delta R.T.: -0.006 min
Response: 1595322
Conc: 11.21 ug/ml



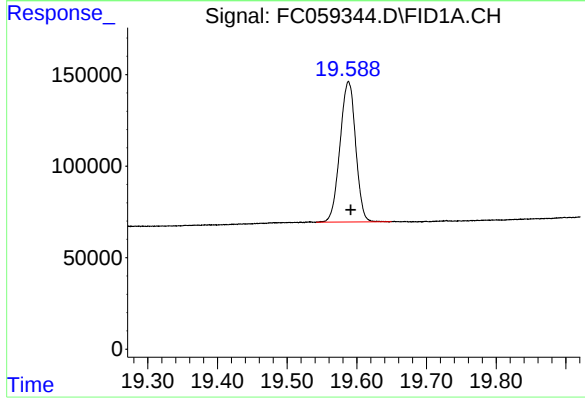
#18 n-Dotriacontane (C32)

R.T.: 18.069 min
Delta R.T.: -0.006 min
Response: 1491953
Conc: 11.32 ug/ml



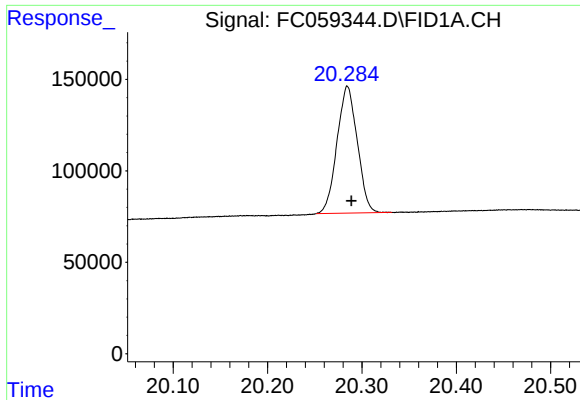
#19 n-Tetratriacontane (C34)

R.T.: 18.851 min
Delta R.T.: -0.004 min
Response: 1362289
Conc: 11.56 ug/ml



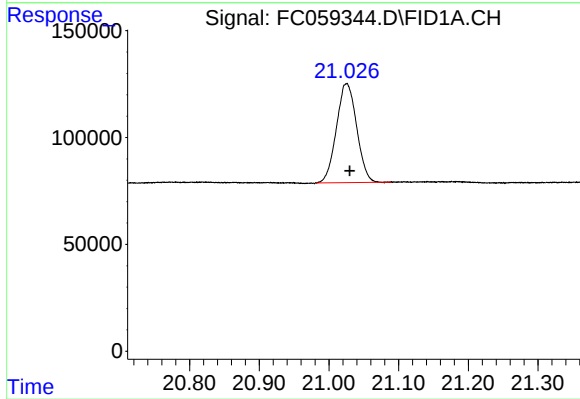
#20 n-Hexatriacontane (C36)

R.T.: 19.588 min
Delta R.T.: -0.003 min
Response: 1195829
Conc: 11.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.285 min
Delta R.T.: -0.004 min
Response: 1036299
Conc: 11.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.025 min
Delta R.T.: -0.005 min
Response: 935624
Conc: 11.92 ug/ml