

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032522AL\
 Data File : FC058886.D
 Signal(s) : FID1A.CH
 Acq On : 25 Mar 2022 17:35
 Operator : UA/NP
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Mar 25 23:08:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:07:34 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)	11.099	1584467	10.278 ug/ml
Spiked Amount 50.000		Recovery =	20.56%
12) S 1-chlorooctadecane (S...	12.548	1229328	10.268 ug/ml
Spiked Amount 50.000		Recovery =	20.54%
Target Compounds			
1) T n-Nonane (C9)	2.960	1339125	10.198 ug/ml
2) T n-Decane (C10)	4.001	1328021	10.108 ug/ml
3) T A~Naphthalene (C11.7)	5.548	1309182	9.468 ug/ml
4) T n-Dodecane (C12)	5.998	1394650	10.174 ug/ml
5) T A~2-methylnaphthalene...	6.597	1345919	9.667 ug/ml
6) T n-Tetradecane (C14)	7.782	1417631	10.190 ug/ml
7) T n-Hexadecane (C16)	9.374	1464142	10.337 ug/ml
8) T n-Octadecane (C18)	10.808	1471644	10.325 ug/ml
10) T n-Eicosane (C20)	12.112	1446179	10.320 ug/ml
11) T n-Heneicosane (C21)	12.720	1441743	10.330 ug/ml
13) T n-Docosane (C22)	13.303	1432779	10.354 ug/ml
14) T n-Tetracosane (C24)	14.402	1402390	10.402 ug/ml
15) T n-Hexacosane (C26)	15.419	1336314	10.330 ug/ml
16) T n-Octacosane (C28)	16.364	1320404	10.428 ug/ml
17) T n-Tricontane (C30)	17.248	1271397	10.508 ug/ml
18) T n-Dotriacontane (C32)	18.078	1184955	10.396 ug/ml
19) T n-Tetratriacontane (C34)	18.858	1115207	10.385 ug/ml
20) T n-Hexatriacontane (C36)	19.595	1047436	10.304 ug/ml
21) T n-Octatriacontane (C38)	20.293	1002457	10.234 ug/ml
22) T n-Tetracontane (C40)	21.036	1024462	10.332 ug/ml

(f)=RT Delta > 1/2 Window

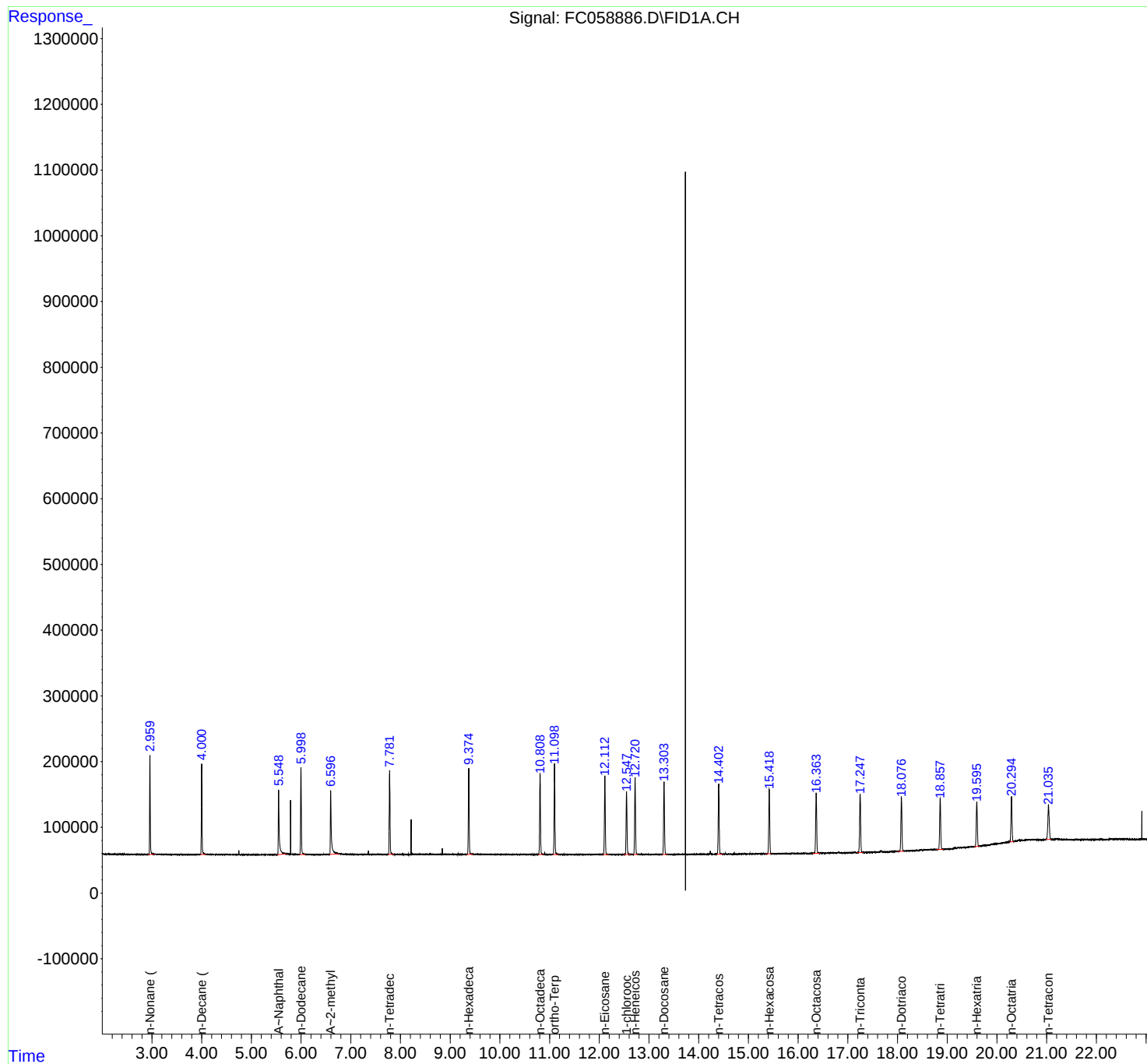
(m)=manual int.

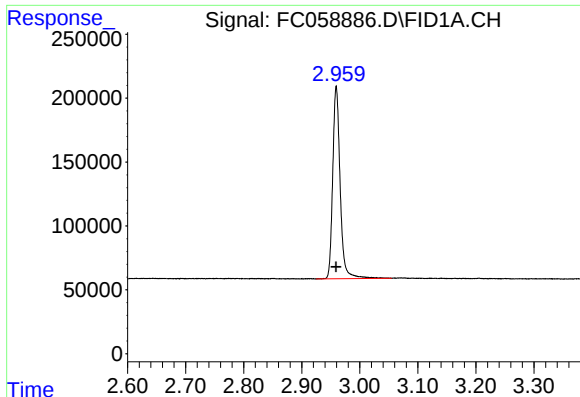
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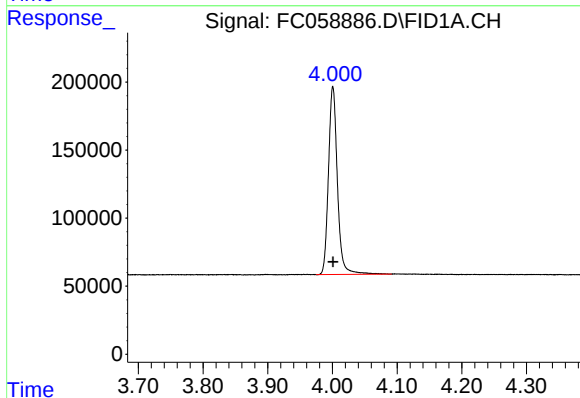




#1 n-Nonane (C9)

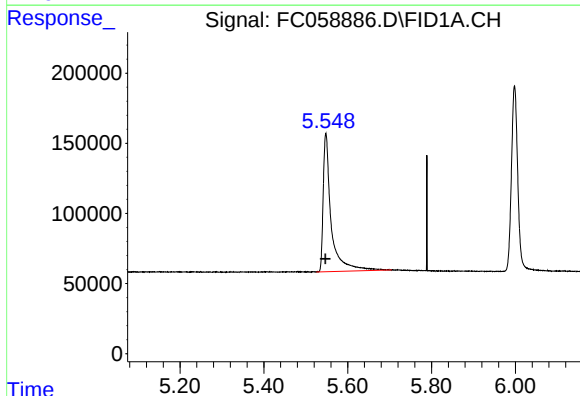
R.T.: 2.960 min
Delta R.T.: 0.000 min
Response: 1339125
Conc: 10.20 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



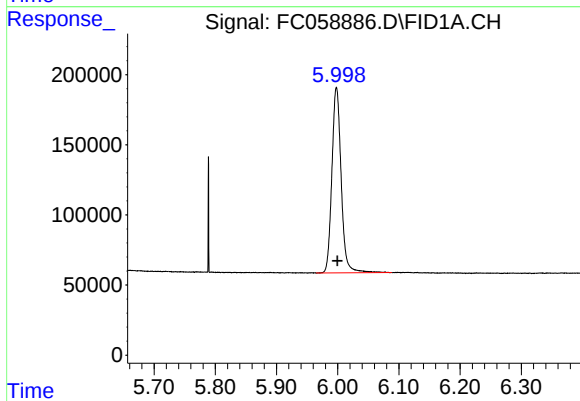
#2 n-Decane (C10)

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 1328021
Conc: 10.11 ug/ml



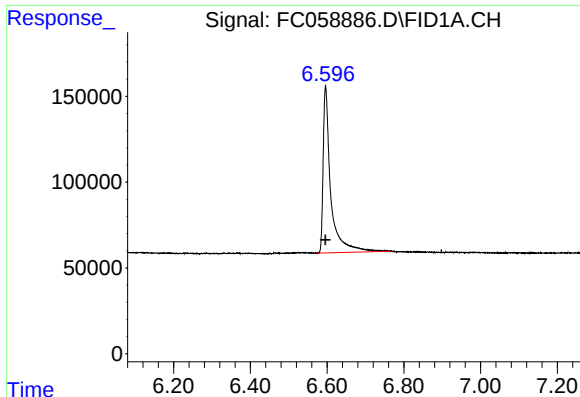
#3 A~Naphthalene (C11.7)

R.T.: 5.548 min
Delta R.T.: 0.002 min
Response: 1309182
Conc: 9.47 ug/ml



#4 n-Dodecane (C12)

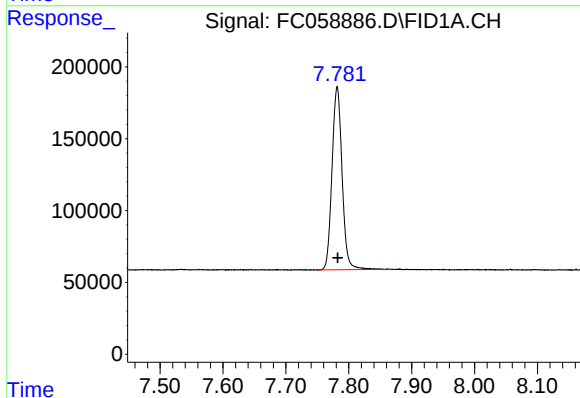
R.T.: 5.998 min
Delta R.T.: -0.001 min
Response: 1394650
Conc: 10.17 ug/ml



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

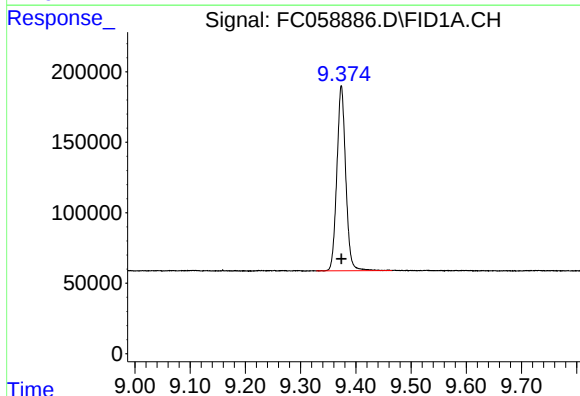
R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 1345919
Conc: 9.67 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



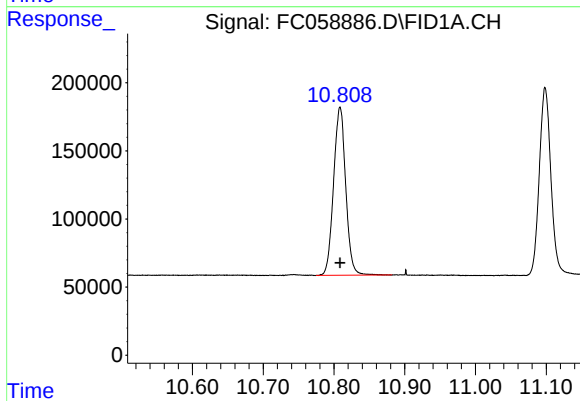
#6 n-Tetradecane (C14)

R.T.: 7.782 min
Delta R.T.: -0.001 min
Response: 1417631
Conc: 10.19 ug/ml



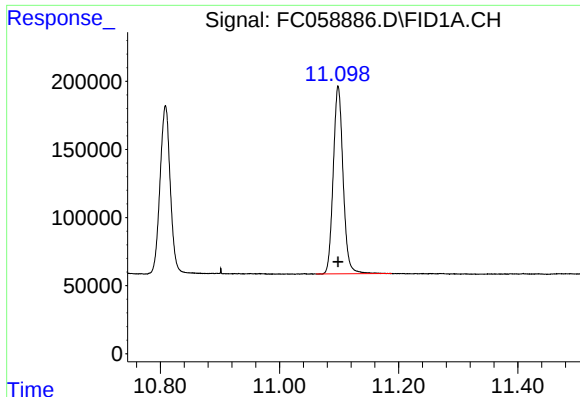
#7 n-Hexadecane (C16)

R.T.: 9.374 min
Delta R.T.: 0.000 min
Response: 1464142
Conc: 10.34 ug/ml



#8 n-Octadecane (C18)

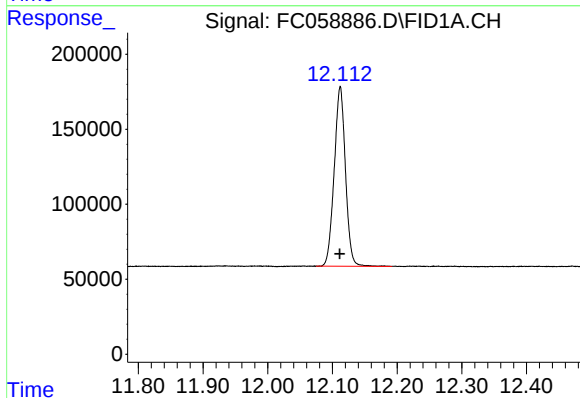
R.T.: 10.808 min
Delta R.T.: 0.000 min
Response: 1471644
Conc: 10.33 ug/ml



#9 ortho-Terphenyl (SURR)

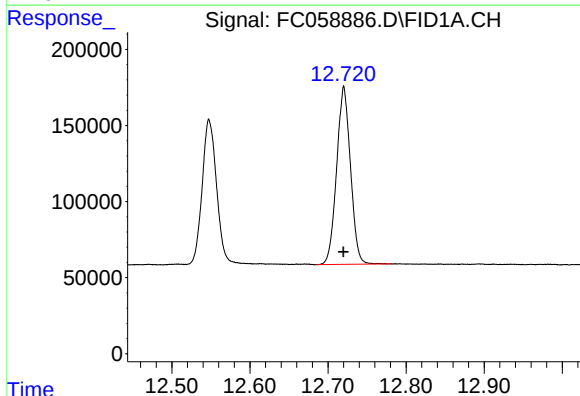
R.T.: 11.099 min
Delta R.T.: 0.000 min
Response: 1584467
Conc: 10.28 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



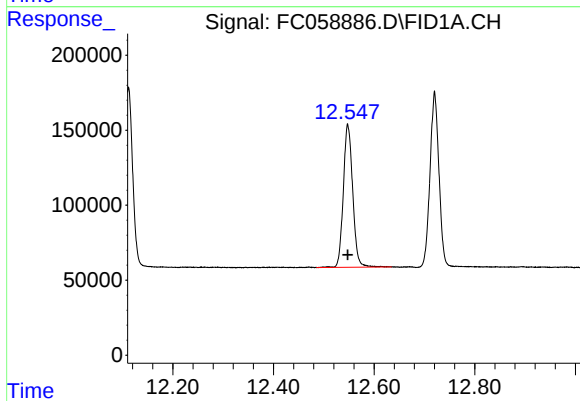
#10 n-Eicosane (C20)

R.T.: 12.112 min
Delta R.T.: 0.000 min
Response: 1446179
Conc: 10.32 ug/ml



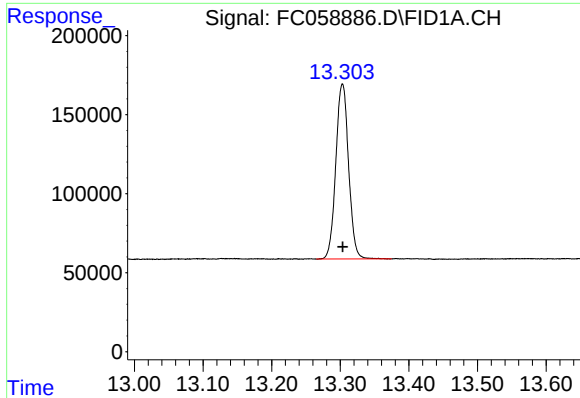
#11 n-Heneicosane (C21)

R.T.: 12.720 min
Delta R.T.: 0.000 min
Response: 1441743
Conc: 10.33 ug/ml



#12 1-chlorooctadecane (SURR)

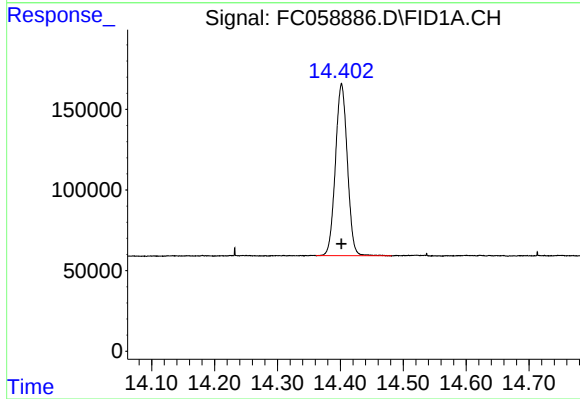
R.T.: 12.548 min
Delta R.T.: 0.000 min
Response: 1229328
Conc: 10.27 ug/ml



#13 n-Docosane (C22)

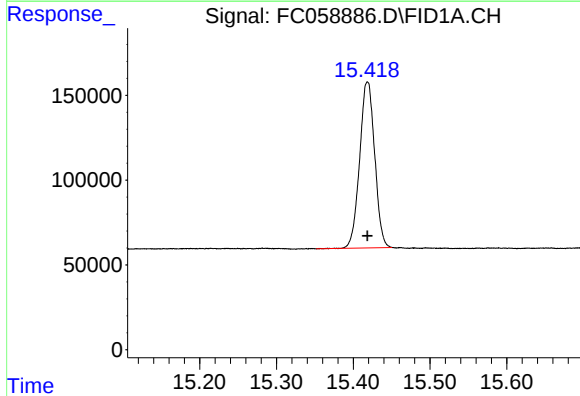
R.T.: 13.303 min
Delta R.T.: 0.000 min
Response: 1432779
Conc: 10.35 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



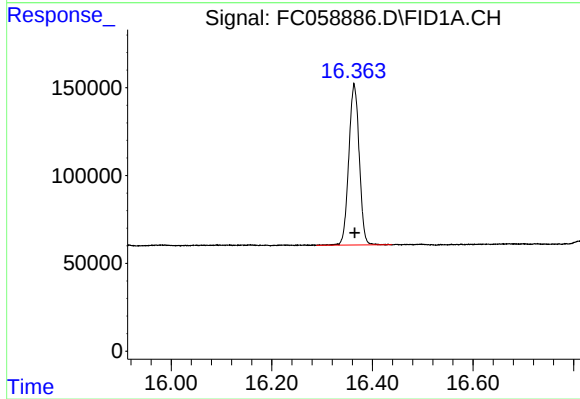
#14 n-Tetracosane (C24)

R.T.: 14.402 min
Delta R.T.: 0.000 min
Response: 1402390
Conc: 10.40 ug/ml



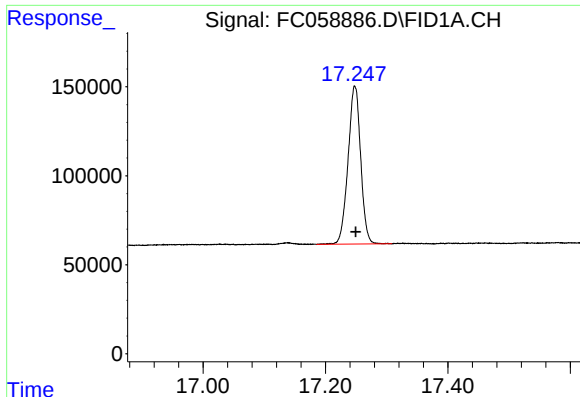
#15 n-Hexacosane (C26)

R.T.: 15.419 min
Delta R.T.: 0.000 min
Response: 1336314
Conc: 10.33 ug/ml



#16 n-Octacosane (C28)

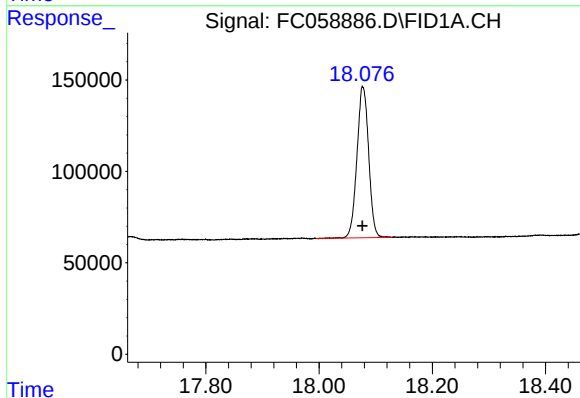
R.T.: 16.364 min
Delta R.T.: -0.001 min
Response: 1320404
Conc: 10.43 ug/ml



#17 n-Tricontane (C30)

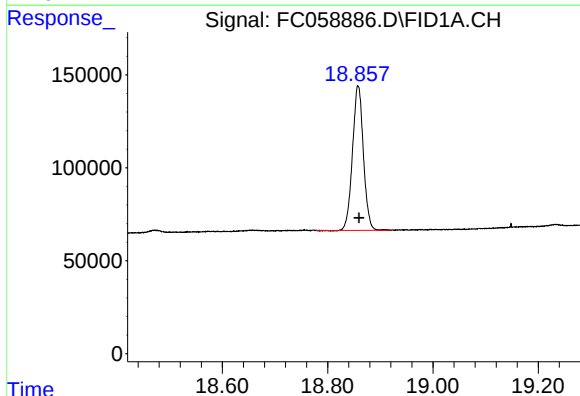
R.T.: 17.248 min
Delta R.T.: -0.001 min
Response: 1271397
Conc: 10.51 ug/ml

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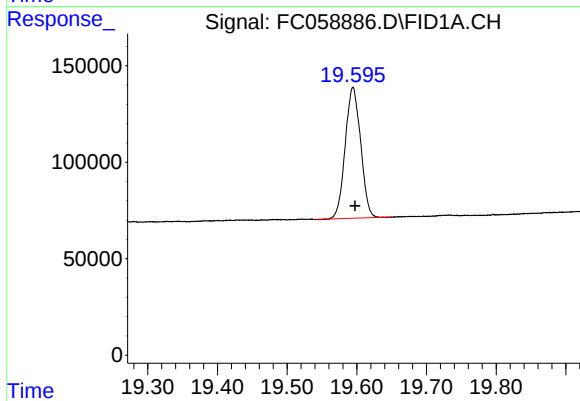
#18 n-Dotriacontane (C32)

R.T.: 18.078 min
Delta R.T.: 0.000 min
Response: 1184955
Conc: 10.40 ug/ml



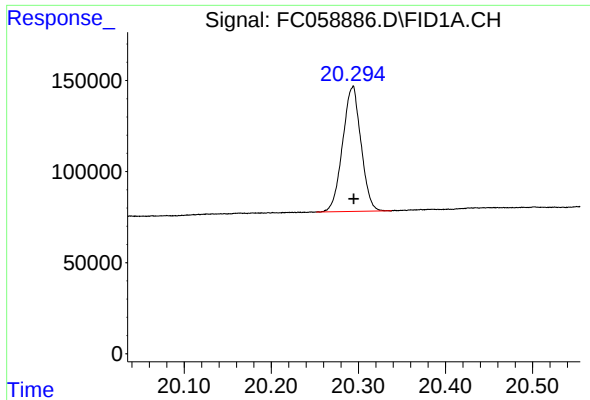
#19 n-Tetratriacontane (C34)

R.T.: 18.858 min
Delta R.T.: -0.001 min
Response: 1115207
Conc: 10.38 ug/ml



#20 n-Hexatriacontane (C36)

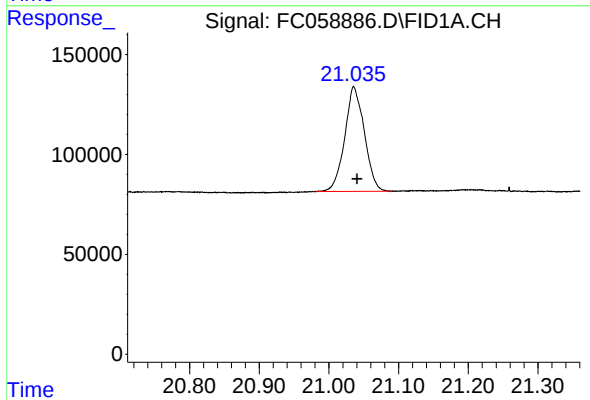
R.T.: 19.595 min
Delta R.T.: -0.003 min
Response: 1047436
Conc: 10.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.293 min
Delta R.T.: -0.002 min
Response: 1002457
Conc: 10.23 ug/ml

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FID_C
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.036 min
Delta R.T.: -0.004 min
Response: 1024462
Conc: 10.33 ug/ml