

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041322AL\
 Data File : FC059254.D
 Signal(s) : FID1A.CH
 Acq On : 15 Apr 2022 7:43
 Operator : UA/NP
 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 15 08:58:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 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)	11.096	2890046	20.058 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
12) S 1-chlorooctadecane (S...	12.544	2259026	20.153 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
Target Compounds			
1) T n-Nonane (C9)	2.960	2641013	21.551 ug/ml
2) T n-Decane (C10)	4.003	2659049	21.699 ug/ml
3) T A~Naphthalene (C11.7)	5.552	2682231	21.363 ug/ml
4) T n-Dodecane (C12)	6.000	2750266	21.532 ug/ml
5) T A~2-methylnaphthalene...	6.599	2679011	20.897 ug/ml
6) T n-Tetradecane (C14)	7.782	2771535	21.316 ug/ml
7) T n-Hexadecane (C16)	9.372	2736395	20.607 ug/ml
8) T n-Octadecane (C18)	10.805	2716864	20.434 ug/ml
10) T n-Eicosane (C20)	12.107	2651073	20.233 ug/ml
11) T n-Heneicosane (C21)	12.716	2627072	20.134 ug/ml
13) T n-Docosane (C22)	13.299	2598126	20.056 ug/ml
14) T n-Tetracosane (C24)	14.395	2548044	20.171 ug/ml
15) T n-Hexacosane (C26)	15.412	2499850	20.695 ug/ml
16) T n-Octacosane (C28)	16.358	2508586	21.185 ug/ml
17) T n-Tricontane (C30)	17.242	2534189	22.215 ug/ml
18) T n-Dotriacontane (C32)	18.071	2462689	22.988 ug/ml
19) T n-Tetratriacontane (C34)	18.852	2303461	22.798 ug/ml
20) T n-Hexatriacontane (C36)	19.590	2162361	22.631 ug/ml
21) T n-Octatriacontane (C38)	20.287	2036779	22.134 ug/ml
22) T n-Tetracontane (C40)	21.030	2033972	21.885 ug/ml

(f)=RT Delta > 1/2 Window

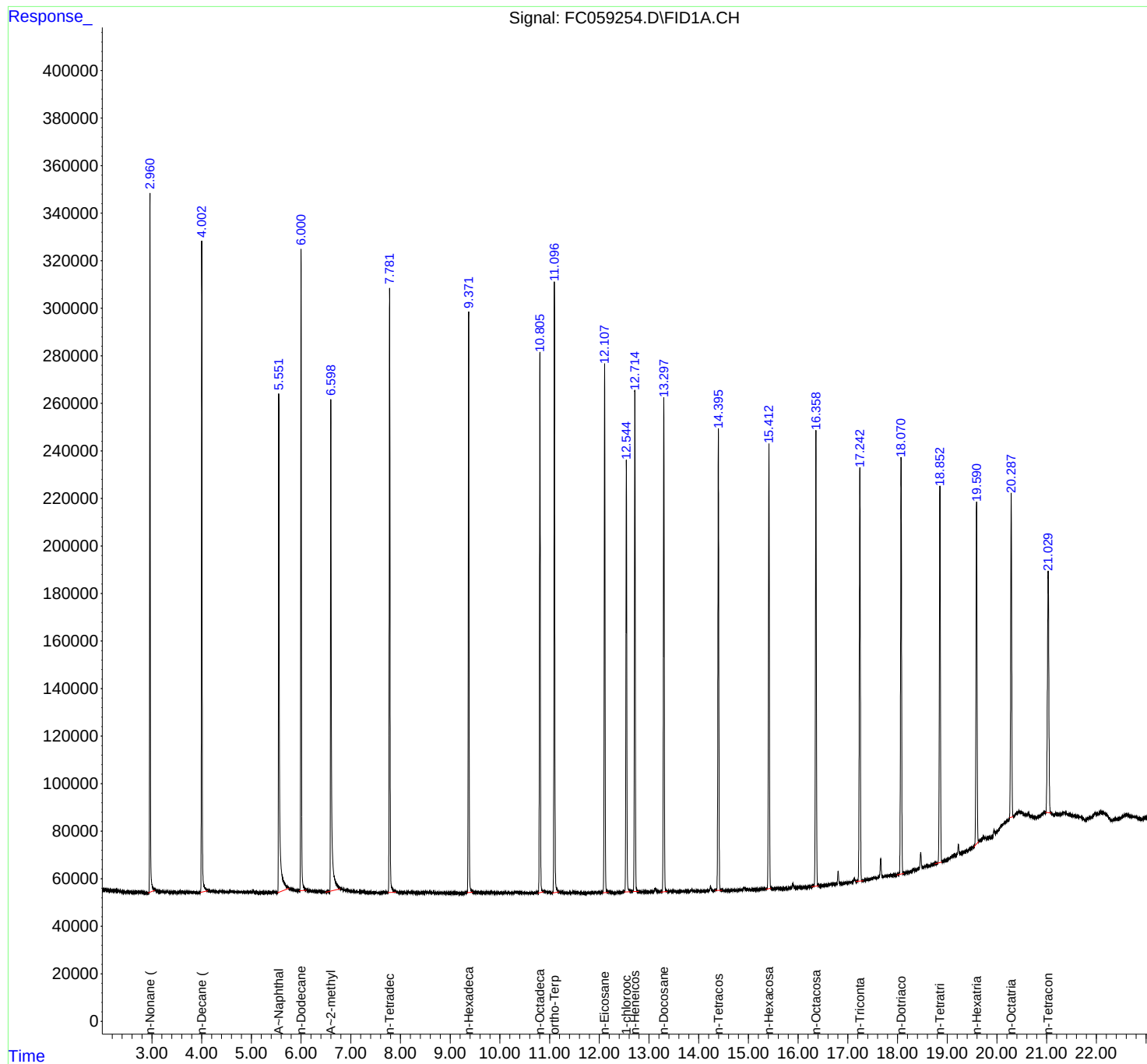
(m)=manual int.

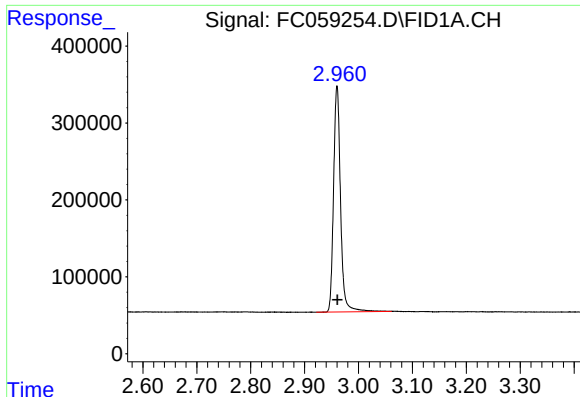
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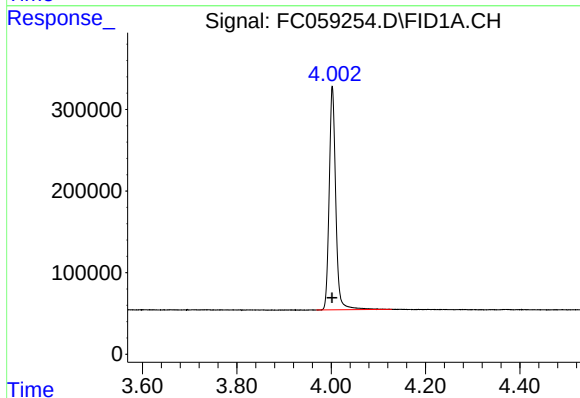




#1 n-Nonane (C9)

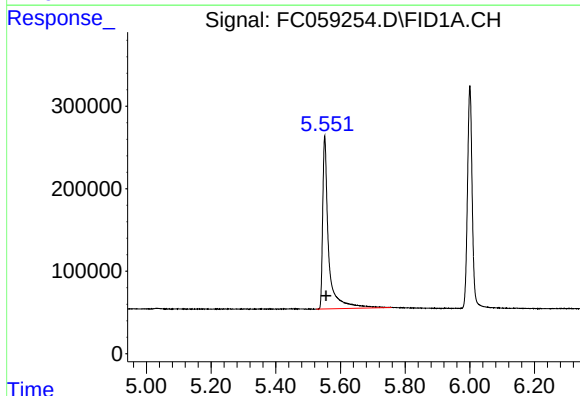
R.T.: 2.960 min
Delta R.T.: 0.000 min
Response: 2641013
Conc: 21.55 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



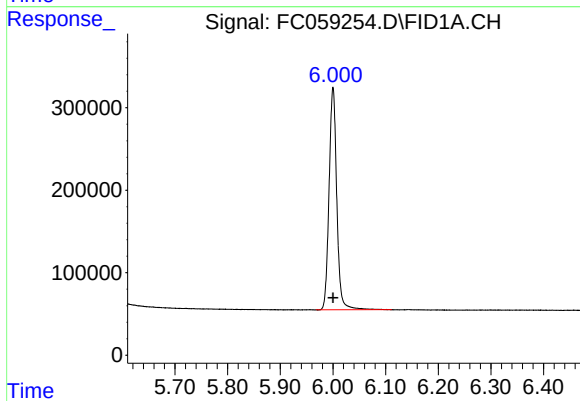
#2 n-Decane (C10)

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 2659049
Conc: 21.70 ug/ml



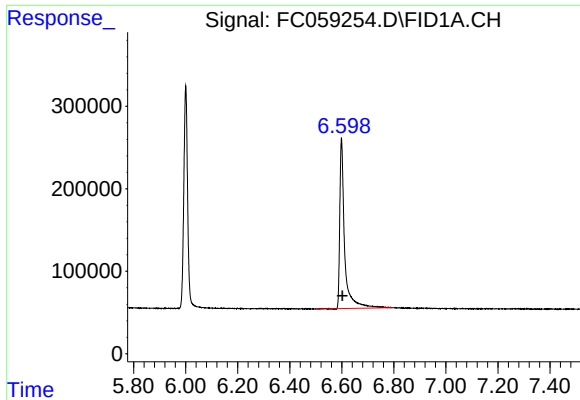
#3 A~Naphthalene (C11.7)

R.T.: 5.552 min
Delta R.T.: -0.004 min
Response: 2682231
Conc: 21.36 ug/ml



#4 n-Dodecane (C12)

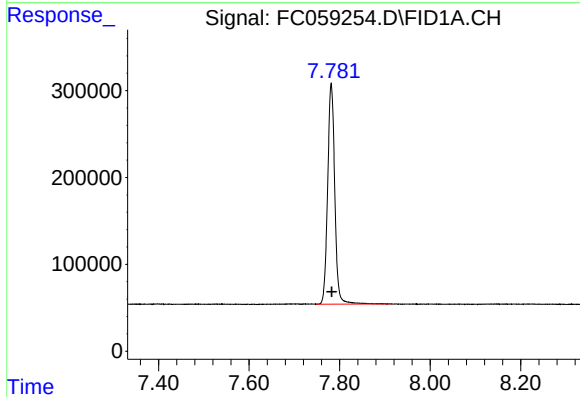
R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 2750266
Conc: 21.53 ug/ml



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

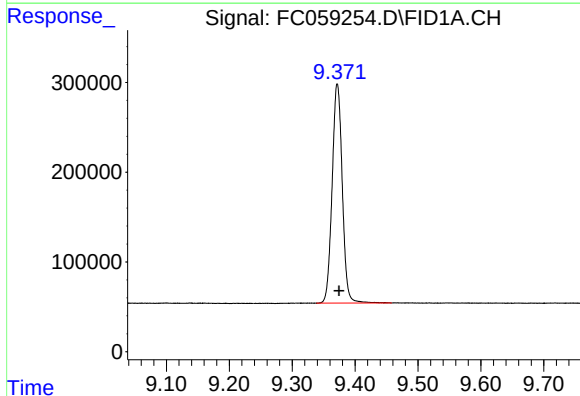
R.T.: 6.599 min
Delta R.T.: -0.004 min
Response: 2679011
Conc: 20.90 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



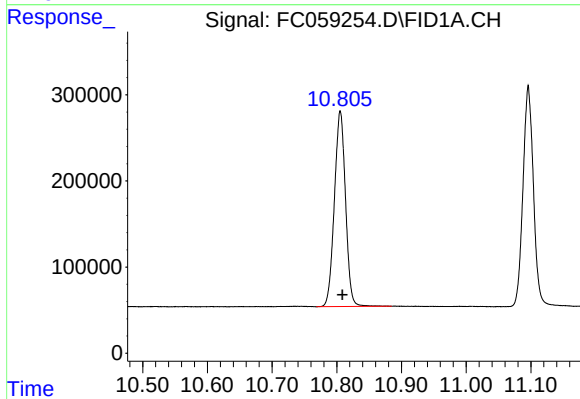
#6 n-Tetradecane (C14)

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 2771535
Conc: 21.32 ug/ml



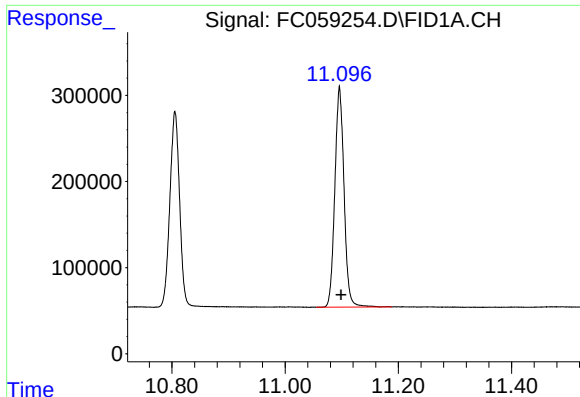
#7 n-Hexadecane (C16)

R.T.: 9.372 min
Delta R.T.: -0.003 min
Response: 2736395
Conc: 20.61 ug/ml



#8 n-Octadecane (C18)

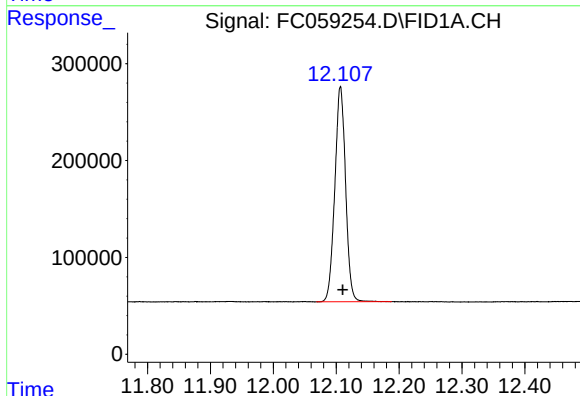
R.T.: 10.805 min
Delta R.T.: -0.003 min
Response: 2716864
Conc: 20.43 ug/ml



#9 ortho-Terphenyl (SURR)

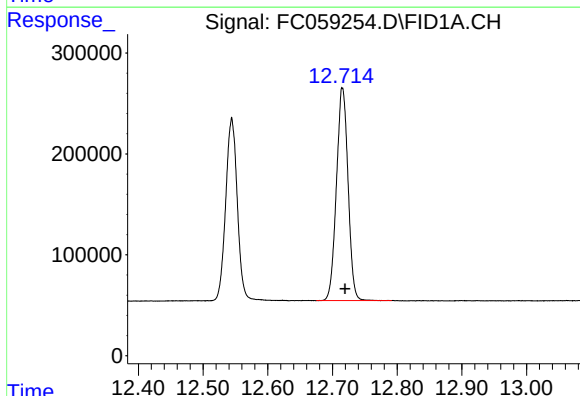
R.T.: 11.096 min
Delta R.T.: -0.003 min
Response: 2890046
Conc: 20.06 ug/ml

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20 PPM ALIPHATIC HC STD



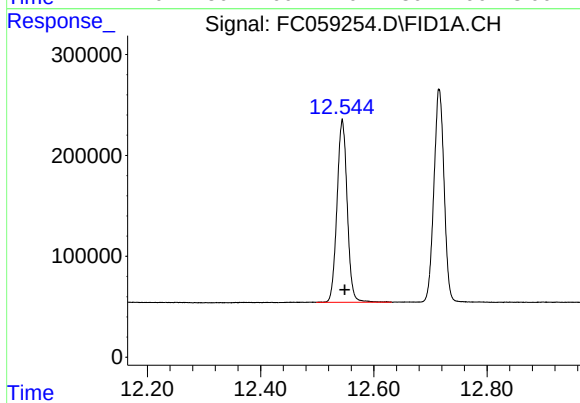
#10 n-Eicosane (C20)

R.T.: 12.107 min
Delta R.T.: -0.004 min
Response: 2651073
Conc: 20.23 ug/ml



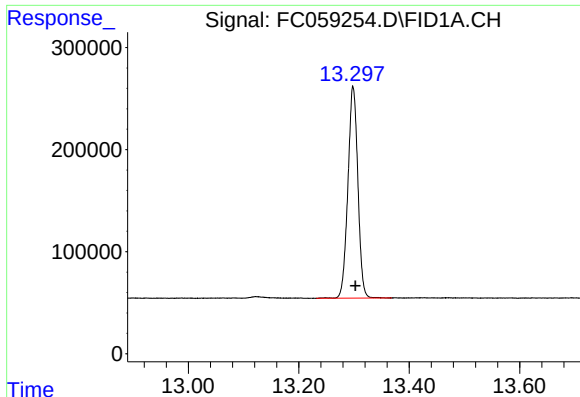
#11 n-Heneicosane (C21)

R.T.: 12.716 min
Delta R.T.: -0.004 min
Response: 2627072
Conc: 20.13 ug/ml



#12 1-chlorooctadecane (SURR)

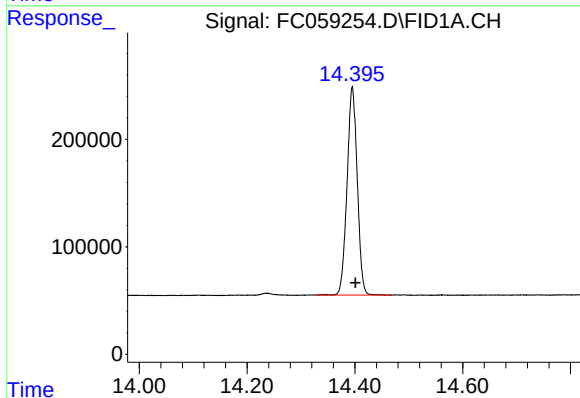
R.T.: 12.544 min
Delta R.T.: -0.004 min
Response: 2259026
Conc: 20.15 ug/ml



#13 n-Docosane (C22)

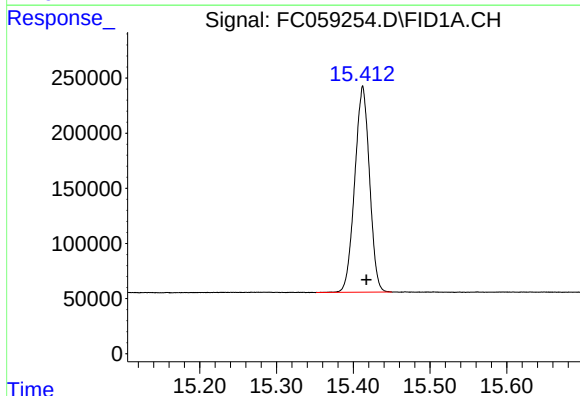
R.T.: 13.299 min
Delta R.T.: -0.004 min
Response: 2598126
Conc: 20.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



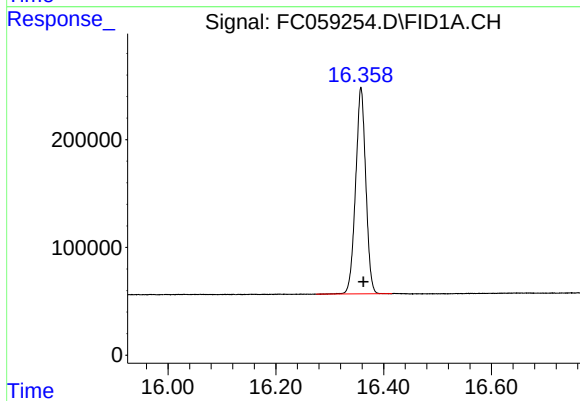
#14 n-Tetracosane (C24)

R.T.: 14.395 min
Delta R.T.: -0.006 min
Response: 2548044
Conc: 20.17 ug/ml



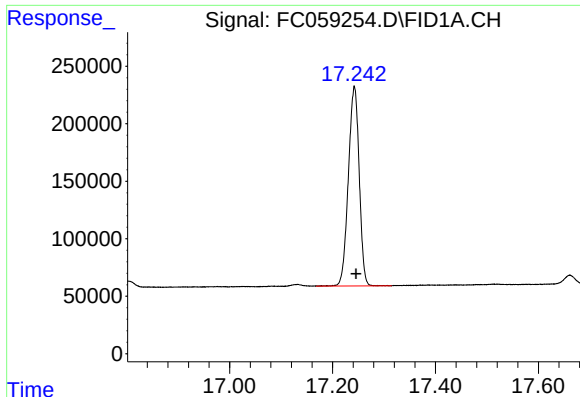
#15 n-Hexacosane (C26)

R.T.: 15.412 min
Delta R.T.: -0.005 min
Response: 2499850
Conc: 20.70 ug/ml



#16 n-Octacosane (C28)

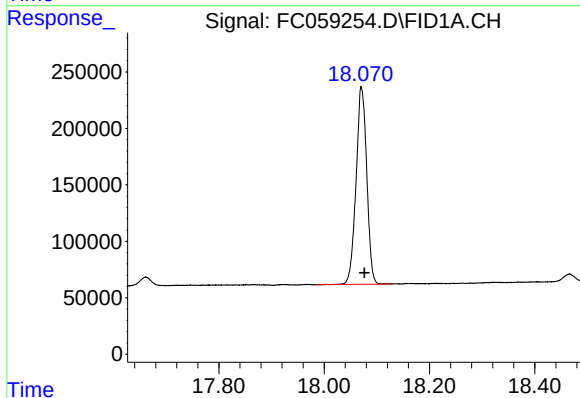
R.T.: 16.358 min
Delta R.T.: -0.004 min
Response: 2508586
Conc: 21.19 ug/ml



#17 n-Tricontane (C30)

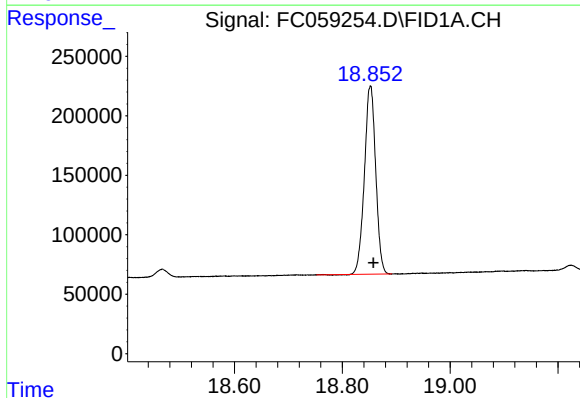
R.T.: 17.242 min
Delta R.T.: -0.004 min
Response: 2534189
Conc: 22.21 ug/ml

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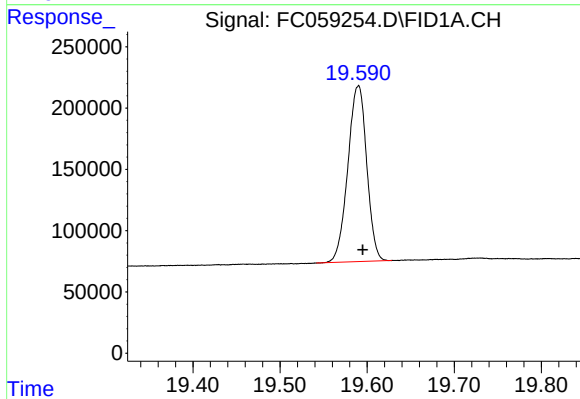
#18 n-Dotriacontane (C32)

R.T.: 18.071 min
Delta R.T.: -0.005 min
Response: 2462689
Conc: 22.99 ug/ml



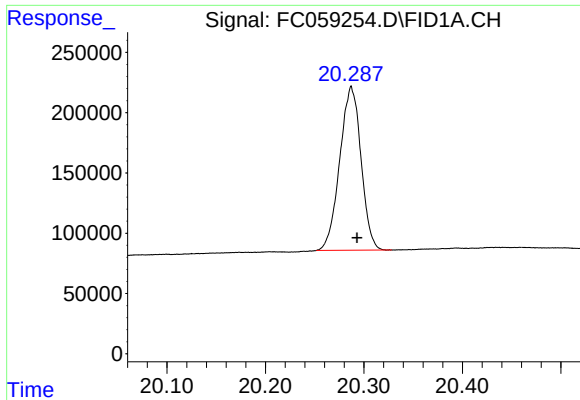
#19 n-Tetratriacontane (C34)

R.T.: 18.852 min
Delta R.T.: -0.006 min
Response: 2303461
Conc: 22.80 ug/ml



#20 n-Hexatriacontane (C36)

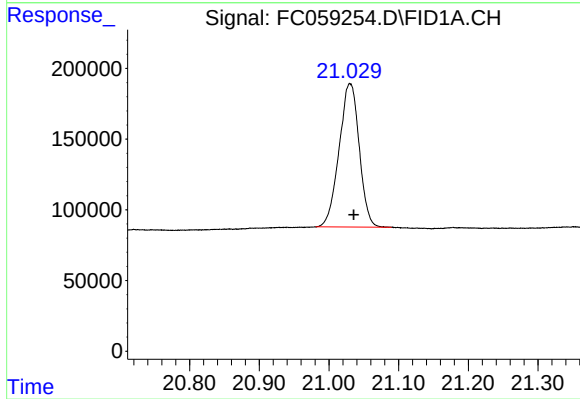
R.T.: 19.590 min
Delta R.T.: -0.005 min
Response: 2162361
Conc: 22.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.287 min
Delta R.T.: -0.006 min
Response: 2036779
Conc: 22.13 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.030 min
Delta R.T.: -0.006 min
Response: 2033972
Conc: 21.89 ug/ml