

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040622AL\
 Data File : FC059083.D
 Signal(s) : FID1A.CH
 Acq On : 06 Apr 2022 16:06
 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: sample.E
 Quant Time: Apr 07 01:58:06 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)	11.100	2770012	19.225 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
12) S 1-chlorooctadecane (S...	12.548	2161643	19.284 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
Target Compounds			
1) T n-Nonane (C9)	2.959	2402780	19.607 ug/ml
2) T n-Decane (C10)	4.001	2447707	19.974 ug/ml
3) T A~Naphthalene (C11.7)	5.550	2502636	19.933 ug/ml
4) T n-Dodecane (C12)	5.999	2555422	20.007 ug/ml
5) T A~2-methylnaphthalene...	6.598	2481430	19.356 ug/ml
6) T n-Tetradecane (C14)	7.782	2566255	19.737 ug/ml
7) T n-Hexadecane (C16)	9.374	2591759	19.517 ug/ml
8) T n-Octadecane (C18)	10.808	2602454	19.574 ug/ml
10) T n-Eicosane (C20)	12.111	2542754	19.407 ug/ml
11) T n-Heneicosane (C21)	12.720	2531329	19.400 ug/ml
13) T n-Docosane (C22)	13.304	2542028	19.623 ug/ml
14) T n-Tetracosane (C24)	14.402	2533084	20.052 ug/ml
15) T n-Hexacosane (C26)	15.418	2455908	20.332 ug/ml
16) T n-Octacosane (C28)	16.364	2518412	21.268 ug/ml
17) T n-Tricontane (C30)	17.248	2606843	22.852 ug/ml
18) T n-Dotriacontane (C32)	18.079	2518507	23.509 ug/ml
19) T n-Tetratriacontane (C34)	18.859	2329135	23.052 ug/ml
20) T n-Hexatriacontane (C36)	19.596	2089898	21.873 ug/ml
21) T n-Octatriacontane (C38)	20.293	1975009	21.463 ug/ml
22) T n-Tetracontane (C40)	21.036	1942805	20.904 ug/ml

(f)=RT Delta > 1/2 Window

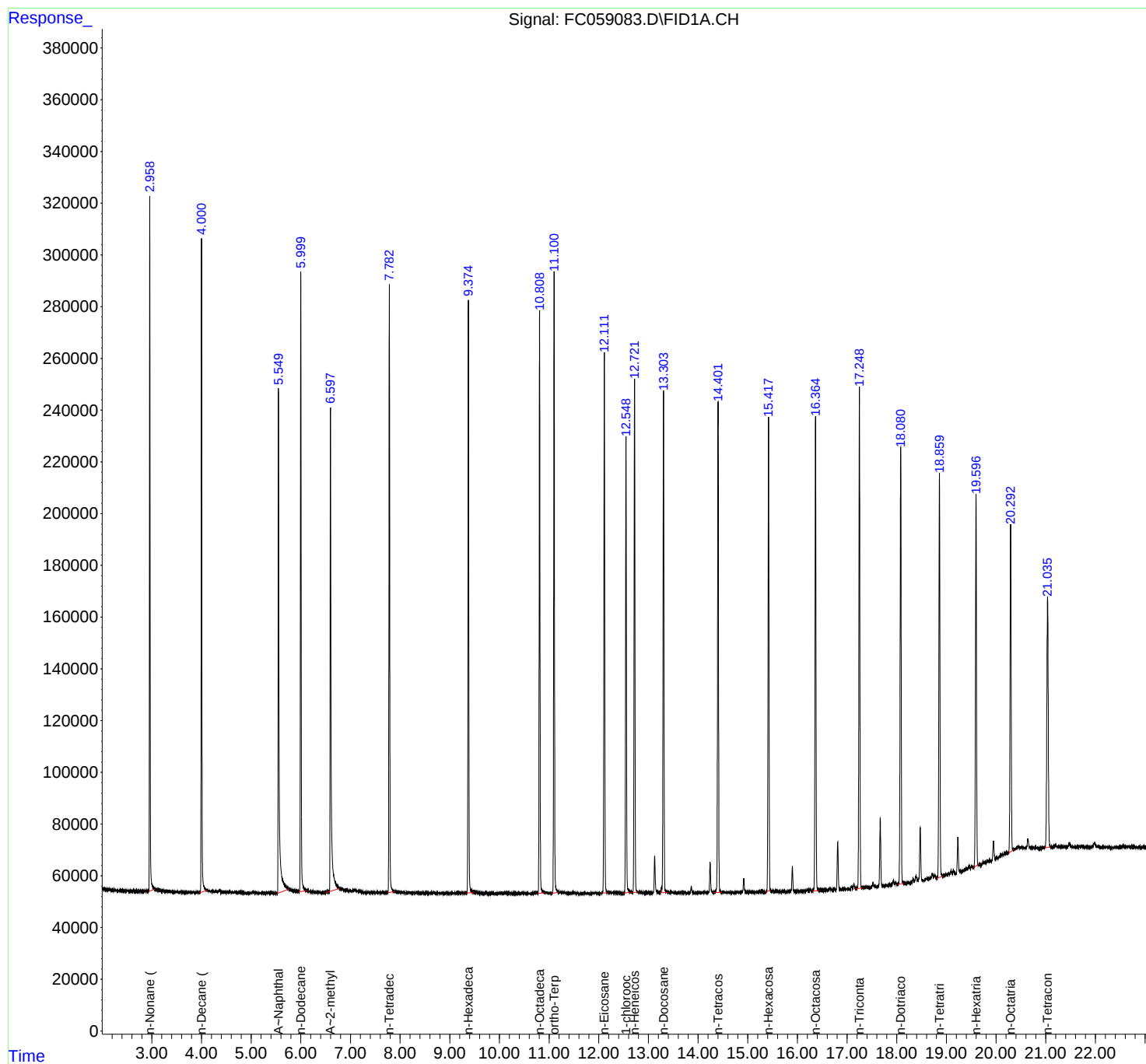
(m)=manual int.

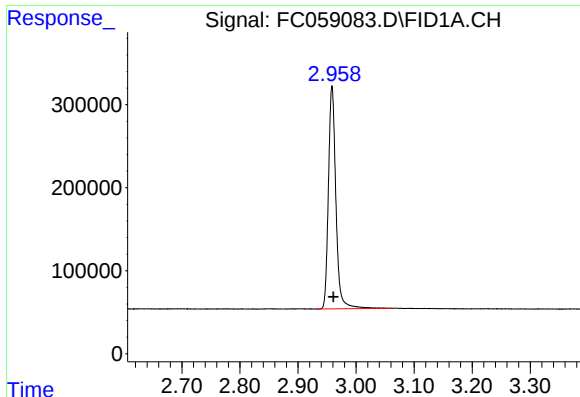
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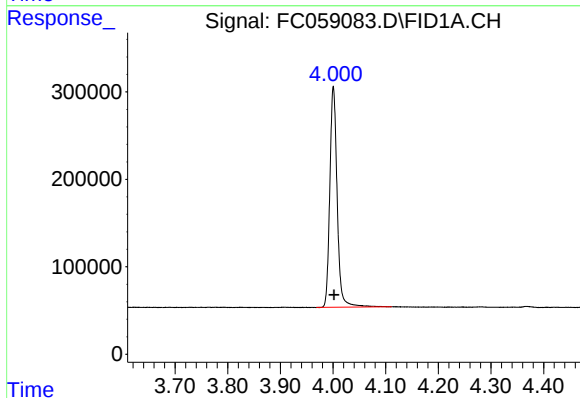




#1 n-Nonane (C9)

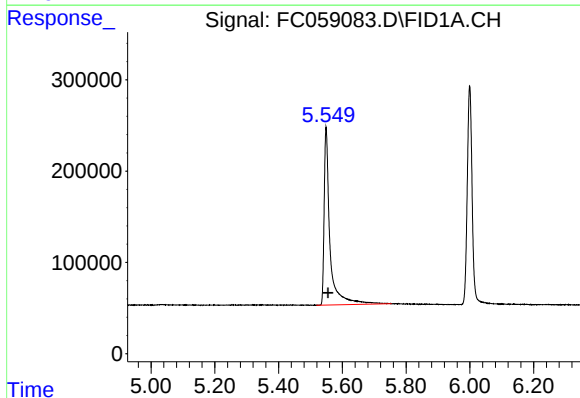
R.T.: 2.959 min
Delta R.T.: -0.002 min
Response: 2402780
Conc: 19.61 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



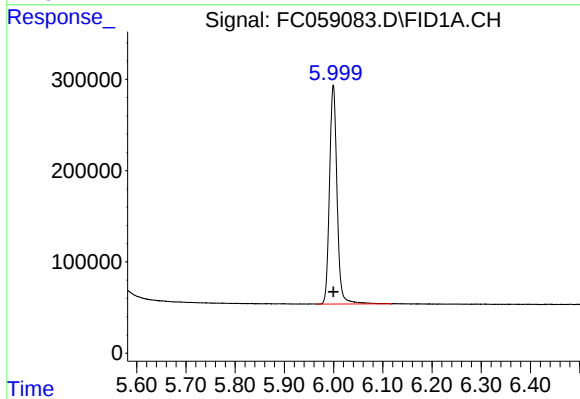
#2 n-Decane (C10)

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 2447707
Conc: 19.97 ug/ml



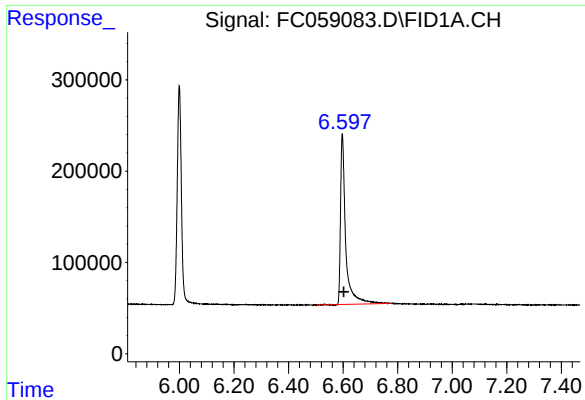
#3 A~Naphthalene (C11.7)

R.T.: 5.550 min
Delta R.T.: -0.006 min
Response: 2502636
Conc: 19.93 ug/ml



#4 n-Dodecane (C12)

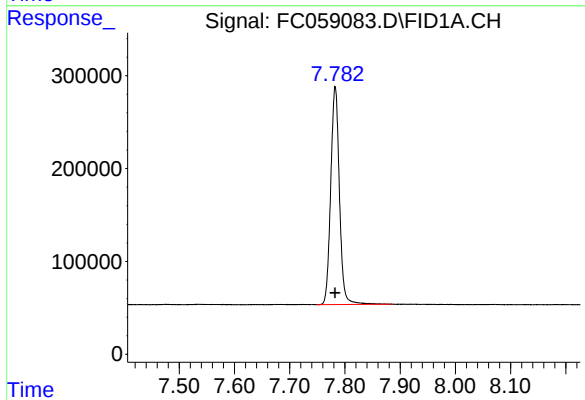
R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 2555422
Conc: 20.01 ug/ml



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

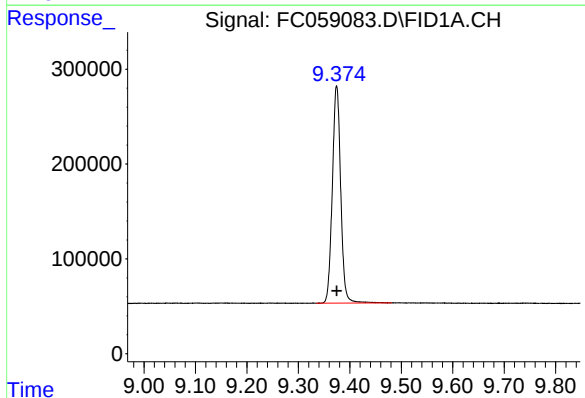
R.T.: 6.598 min
Delta R.T.: -0.005 min
Response: 2481430
Conc: 19.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



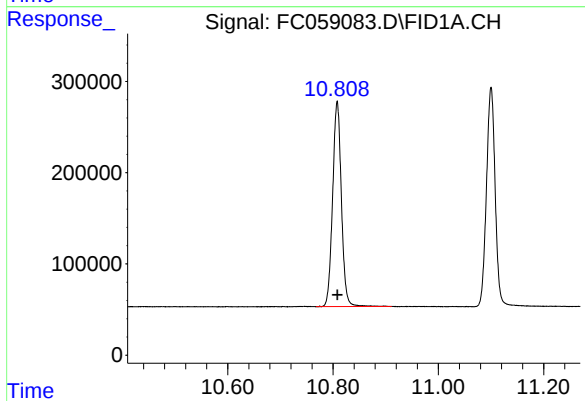
#6 n-Tetradecane (C14)

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 2566255
Conc: 19.74 ug/ml



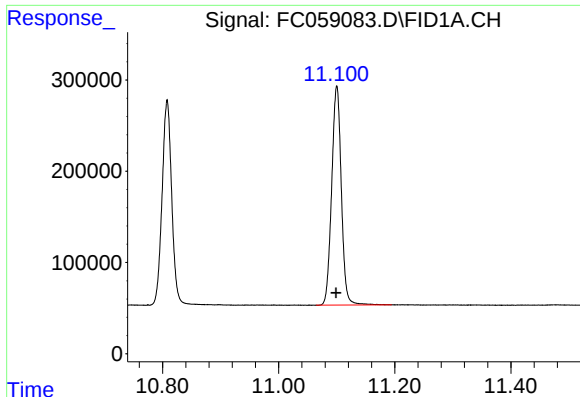
#7 n-Hexadecane (C16)

R.T.: 9.374 min
Delta R.T.: 0.000 min
Response: 2591759
Conc: 19.52 ug/ml



#8 n-Octadecane (C18)

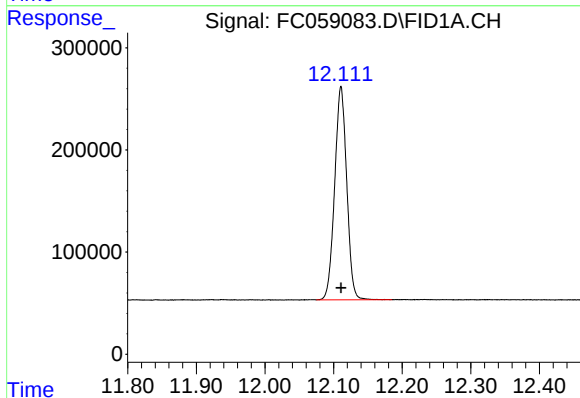
R.T.: 10.808 min
Delta R.T.: 0.000 min
Response: 2602454
Conc: 19.57 ug/ml



#9 ortho-Terphenyl (SURR)

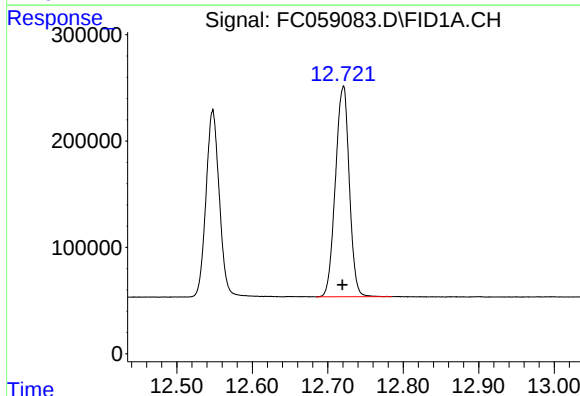
R.T.: 11.100 min
Delta R.T.: 0.001 min
Response: 2770012
Conc: 19.23 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



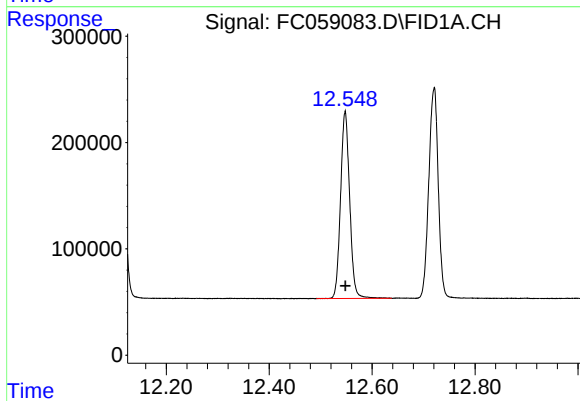
#10 n-Eicosane (C20)

R.T.: 12.111 min
Delta R.T.: 0.000 min
Response: 2542754
Conc: 19.41 ug/ml



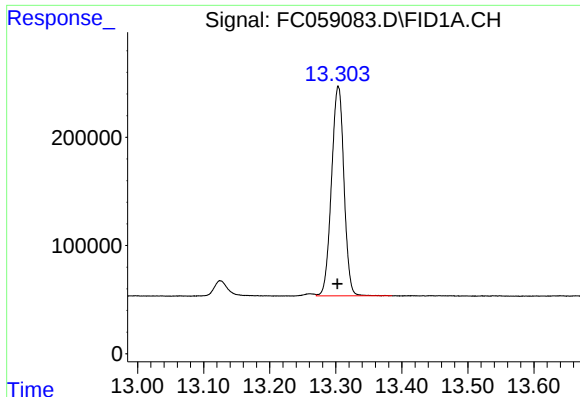
#11 n-Heneicosane (C21)

R.T.: 12.720 min
Delta R.T.: 0.000 min
Response: 2531329
Conc: 19.40 ug/ml



#12 1-chlorooctadecane (SURR)

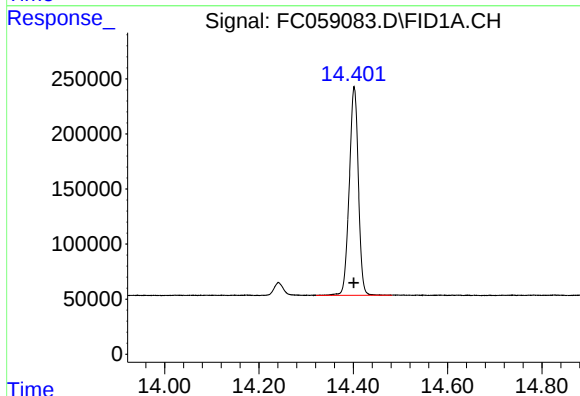
R.T.: 12.548 min
Delta R.T.: 0.000 min
Response: 2161643
Conc: 19.28 ug/ml



#13 n-Docosane (C22)

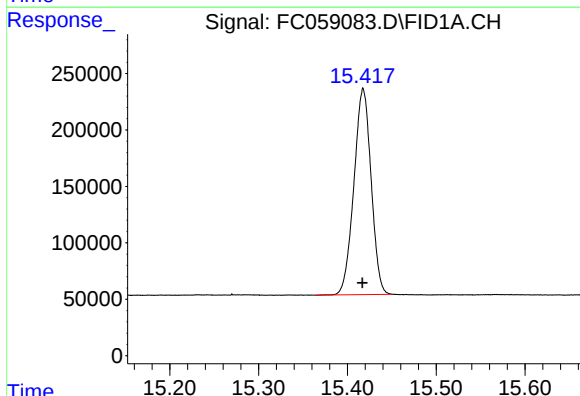
R.T.: 13.304 min
Delta R.T.: 0.001 min
Response: 2542028
Conc: 19.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



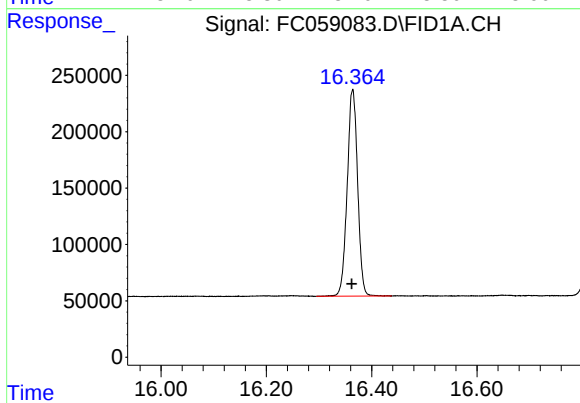
#14 n-Tetracosane (C24)

R.T.: 14.402 min
Delta R.T.: 0.000 min
Response: 2533084
Conc: 20.05 ug/ml



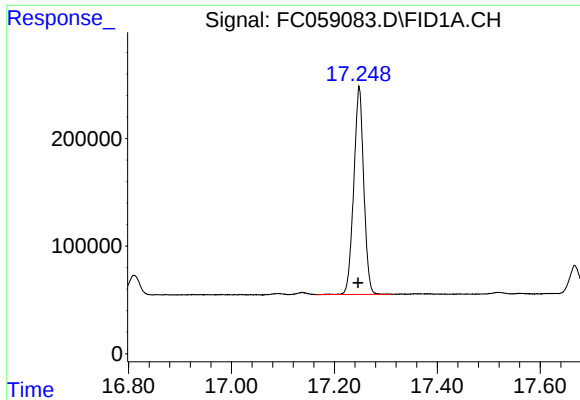
#15 n-Hexacosane (C26)

R.T.: 15.418 min
Delta R.T.: 0.000 min
Response: 2455908
Conc: 20.33 ug/ml



#16 n-Octacosane (C28)

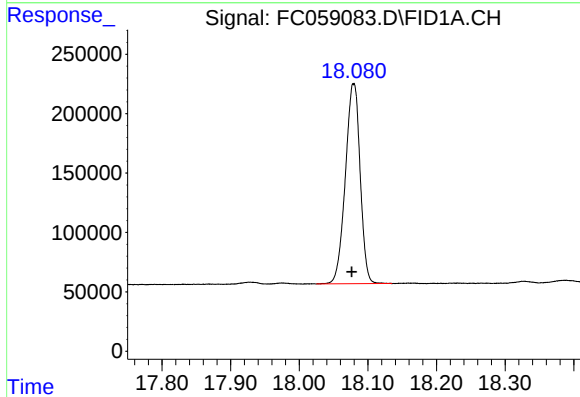
R.T.: 16.364 min
Delta R.T.: 0.001 min
Response: 2518412
Conc: 21.27 ug/ml



#17 n-Tricontane (C30)

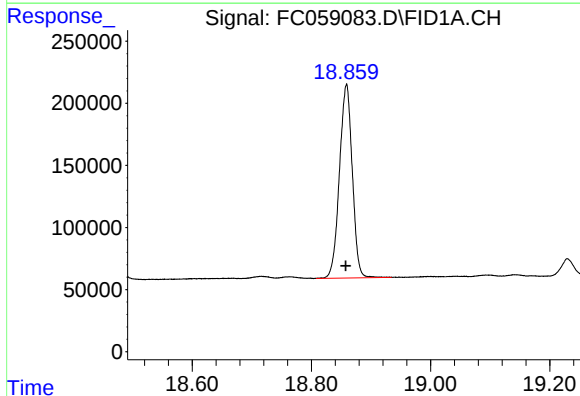
R.T.: 17.248 min
Delta R.T.: 0.002 min
Response: 2606843
Conc: 22.85 ug/ml

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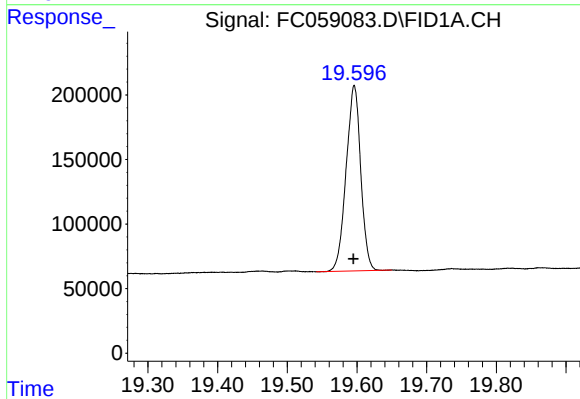
#18 n-Dotriacontane (C32)

R.T.: 18.079 min
Delta R.T.: 0.003 min
Response: 2518507
Conc: 23.51 ug/ml



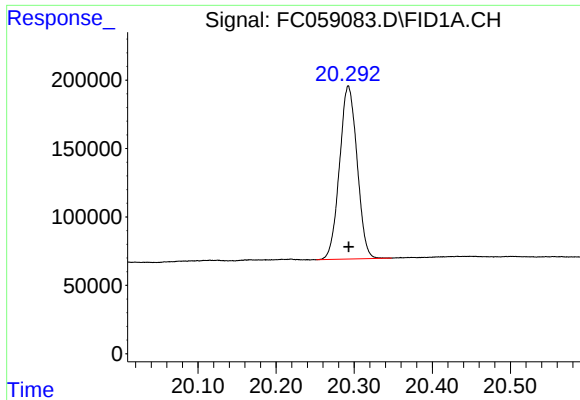
#19 n-Tetratriacontane (C34)

R.T.: 18.859 min
Delta R.T.: 0.000 min
Response: 2329135
Conc: 23.05 ug/ml



#20 n-Hexatriacontane (C36)

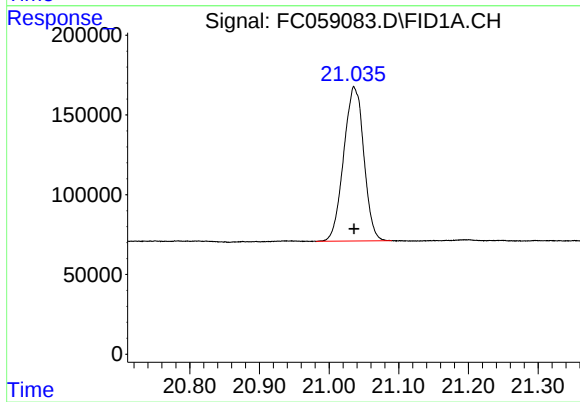
R.T.: 19.596 min
Delta R.T.: 0.001 min
Response: 2089898
Conc: 21.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.293 min
Delta R.T.: 0.000 min
Response: 1975009
Conc: 21.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.036 min
Delta R.T.: 0.000 min
Response: 1942805
Conc: 20.90 ug/ml