

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050622AL\
 Data File : FC059587.D
 Signal(s) : FID1A.CH
 Acq On : 06 May 2022 10:01
 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: May 06 14:24:21 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)	10.712	3050767	20.775 ug/ml
Spiked Amount 50.000		Recovery =	41.55%
12) S 1-chlorooctadecane (S...	12.078	2386069	20.734 ug/ml
Spiked Amount 50.000		Recovery =	41.47%
Target Compounds			
1) T n-Nonane (C9)	2.668	2629280	20.589 ug/ml
2) T n-Decane (C10)	3.671	2623047	20.712 ug/ml
3) T A~Naphthalene (C11.7)	5.219	3038421	20.635 ug/ml
4) T n-Dodecane (C12)	5.629	2711759	20.620 ug/ml
5) T A~2-methylnaphthalene...	6.245	3089017	20.550 ug/ml
6) T n-Tetradecane (C14)	7.383	2766726	20.561 ug/ml
7) T n-Hexadecane (C16)	8.949	2829670	20.622 ug/ml
8) T n-Octadecane (C18)	10.359	2847616	20.664 ug/ml
10) T n-Eicosane (C20)	11.640	2794024	20.774 ug/ml
11) T n-Heneicosane (C21)	12.239	2765821	20.733 ug/ml
13) T n-Docosane (C22)	12.812	2732838	20.823 ug/ml
14) T n-Tetracosane (C24)	13.891	2619643	20.820 ug/ml
15) T n-Hexacosane (C26)	14.891	2510775	21.023 ug/ml
16) T n-Octacosane (C28)	15.819	2401884	21.098 ug/ml
17) T n-Tricontane (C30)	16.688	2295224	20.880 ug/ml
18) T n-Dotriacontane (C32)	17.502	2165472	20.946 ug/ml
19) T n-Tetratriacontane (C34)	18.267	2045700	20.953 ug/ml
20) T n-Hexatriacontane (C36)	18.991	1941674	20.916 ug/ml
21) T n-Octatriacontane (C38)	19.676	1901486	19.975 ug/ml
22) T n-Tetracontane (C40)	20.325	1952254	20.623 ug/ml

(f)=RT Delta > 1/2 Window

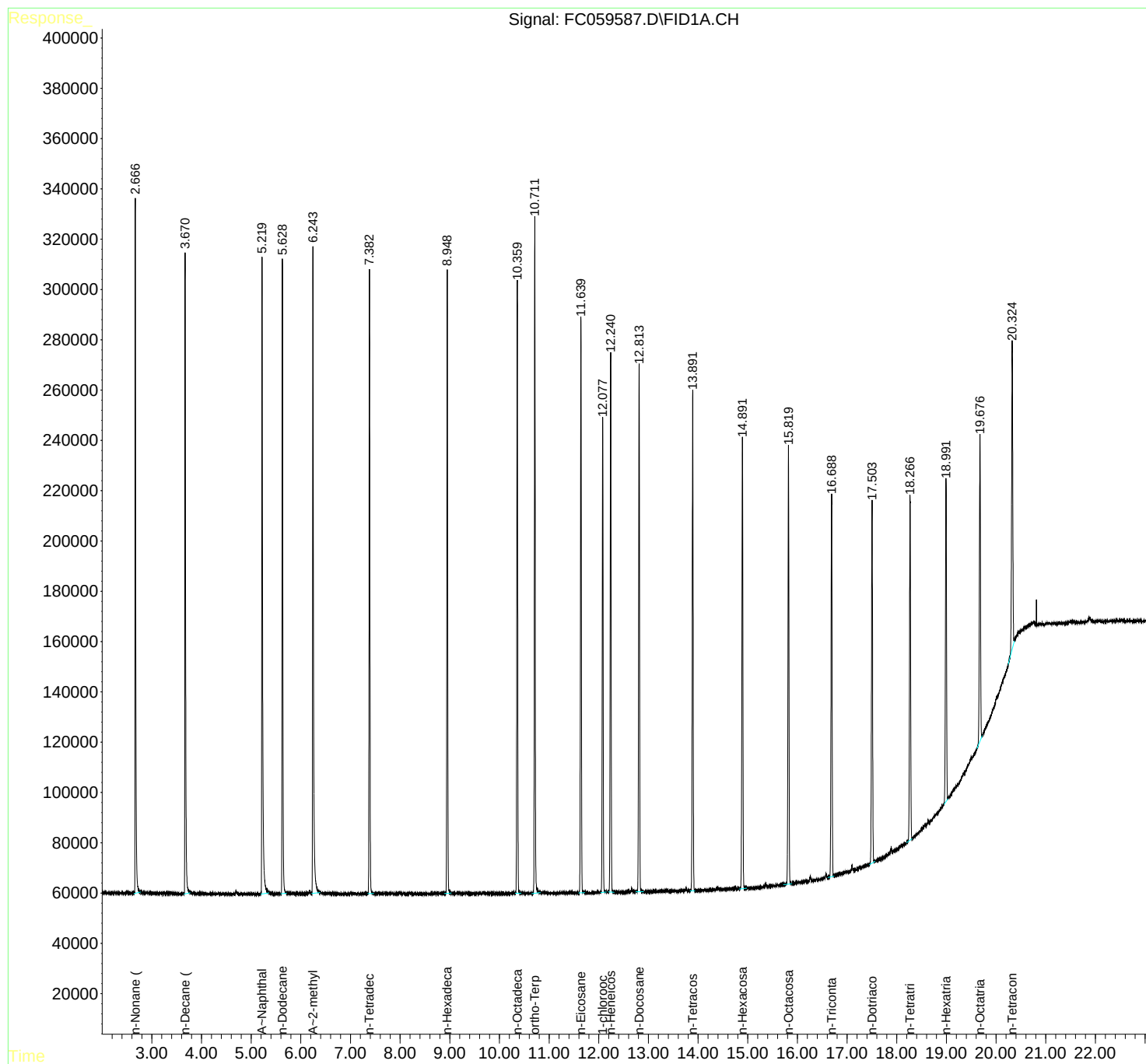
(m)=manual int.

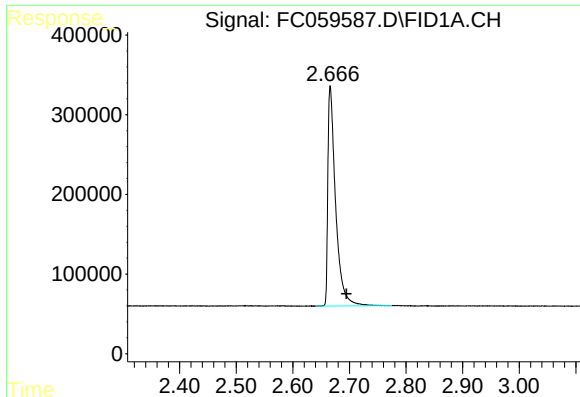
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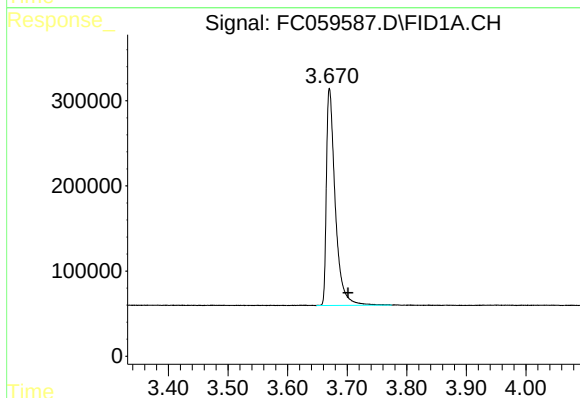




#1 n-Nonane (C9)

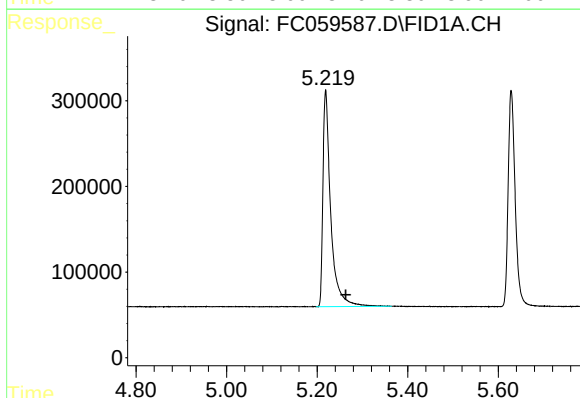
R.T.: 2.668 min
Delta R.T.: -0.027 min
Response: 2629280
Conc: 20.59 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



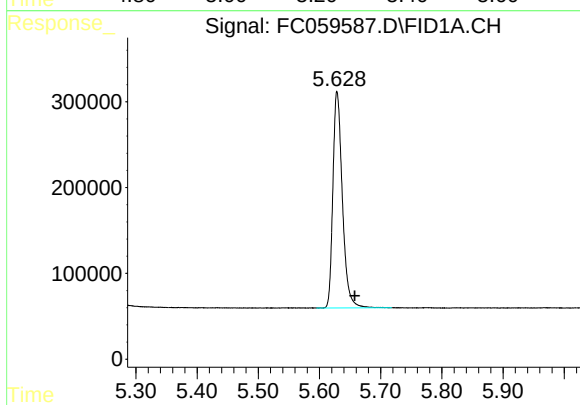
#2 n-Decane (C10)

R.T.: 3.671 min
Delta R.T.: -0.030 min
Response: 2623047
Conc: 20.71 ug/ml



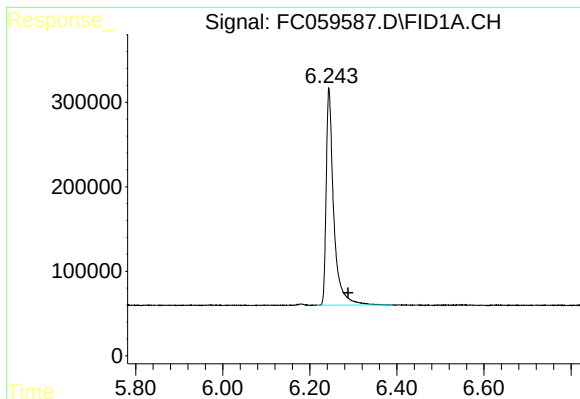
#3 A~Naphthalene (C11.7)

R.T.: 5.219 min
Delta R.T.: -0.044 min
Response: 3038421
Conc: 20.64 ug/ml



#4 n-Dodecane (C12)

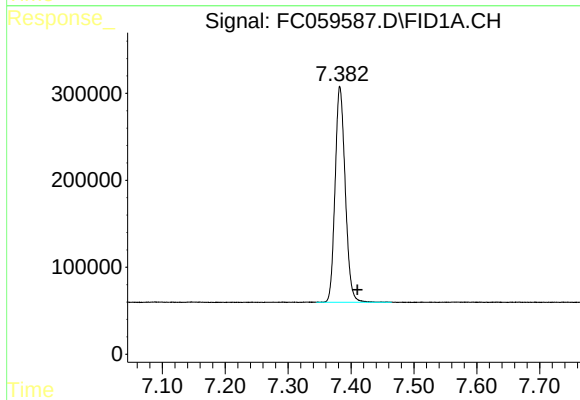
R.T.: 5.629 min
Delta R.T.: -0.029 min
Response: 2711759
Conc: 20.62 ug/ml



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

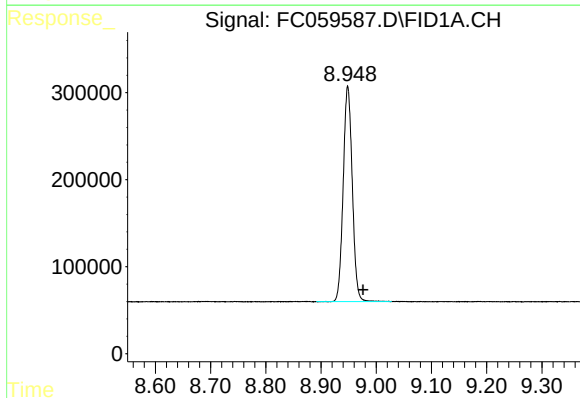
R.T.: 6.245 min
Delta R.T.: -0.043 min
Response: 3089017
Conc: 20.55 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



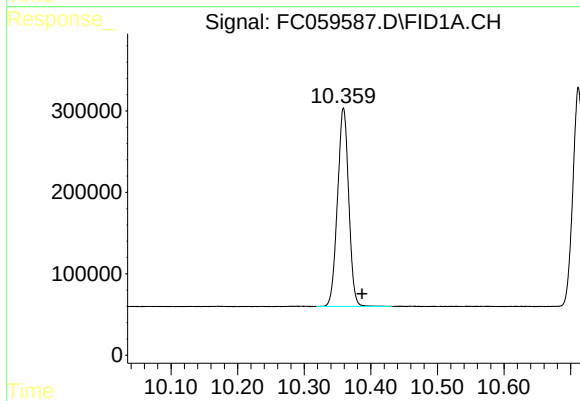
#6 n-Tetradecane (C14)

R.T.: 7.383 min
Delta R.T.: -0.028 min
Response: 2766726
Conc: 20.56 ug/ml



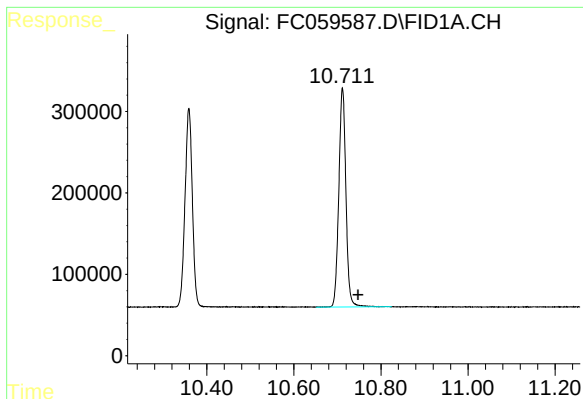
#7 n-Hexadecane (C16)

R.T.: 8.949 min
Delta R.T.: -0.027 min
Response: 2829670
Conc: 20.62 ug/ml



#8 n-Octadecane (C18)

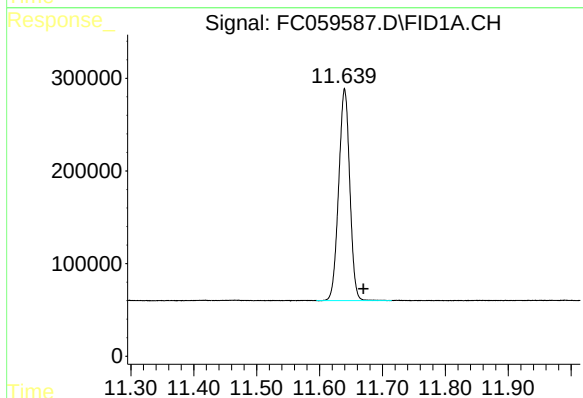
R.T.: 10.359 min
Delta R.T.: -0.028 min
Response: 2847616
Conc: 20.66 ug/ml



#9 ortho-Terphenyl (SURR)

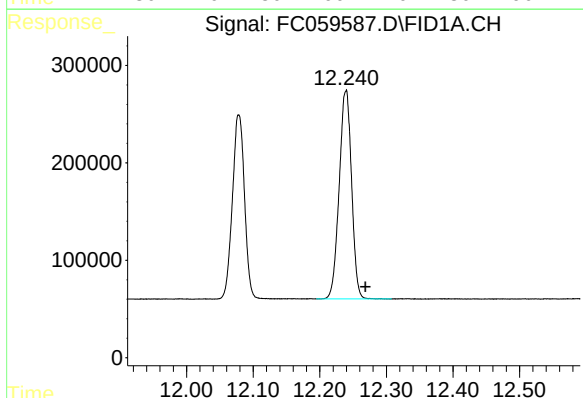
R.T.: 10.712 min
Delta R.T.: -0.036 min
Response: 3050767
Conc: 20.78 ug/ml

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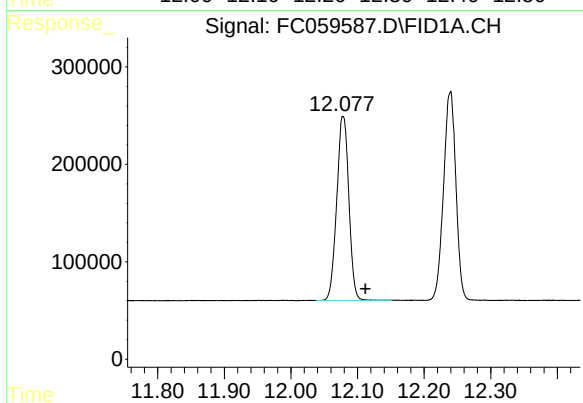
#10 n-Eicosane (C20)

R.T.: 11.640 min
Delta R.T.: -0.030 min
Response: 2794024
Conc: 20.77 ug/ml



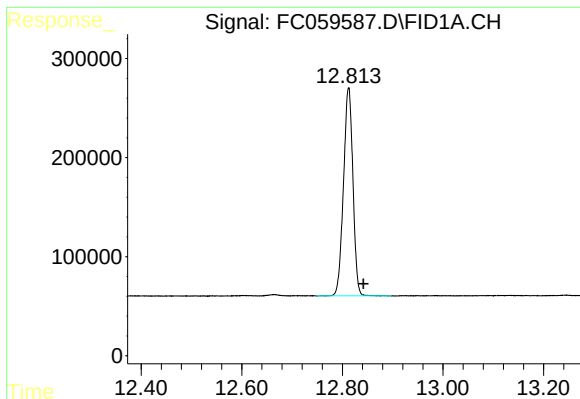
#11 n-Heneicosane (C21)

R.T.: 12.239 min
Delta R.T.: -0.030 min
Response: 2765821
Conc: 20.73 ug/ml



#12 1-chlorooctadecane (SURR)

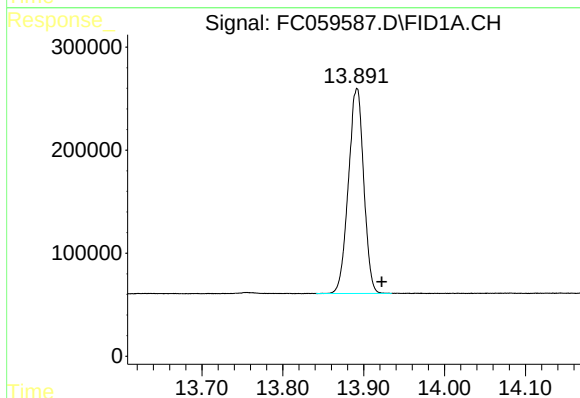
R.T.: 12.078 min
Delta R.T.: -0.033 min
Response: 2386069
Conc: 20.73 ug/ml



#13 n-Docosane (C22)

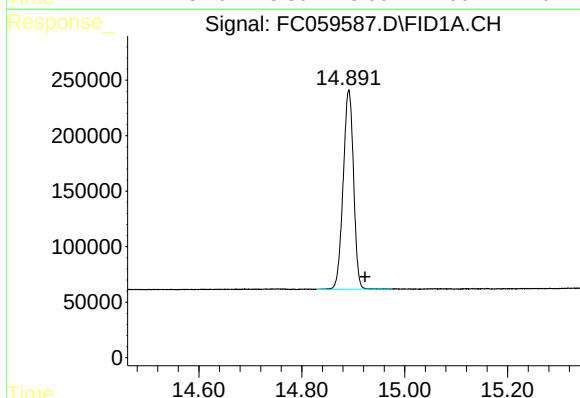
R.T.: 12.812 min
Delta R.T.: -0.030 min
Response: 2732838
Conc: 20.82 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



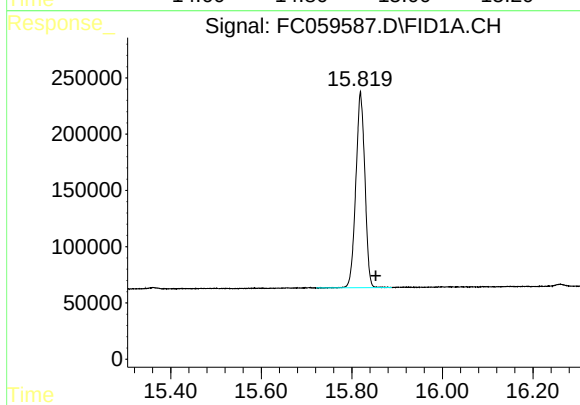
#14 n-Tetracosane (C24)

R.T.: 13.891 min
Delta R.T.: -0.031 min
Response: 2619643
Conc: 20.82 ug/ml



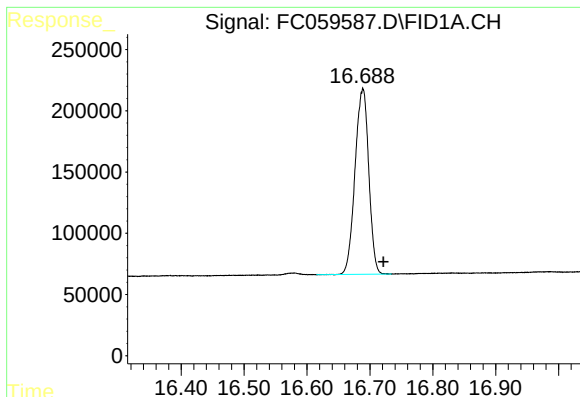
#15 n-Hexacosane (C26)

R.T.: 14.891 min
Delta R.T.: -0.032 min
Response: 2510775
Conc: 21.02 ug/ml



#16 n-Octacosane (C28)

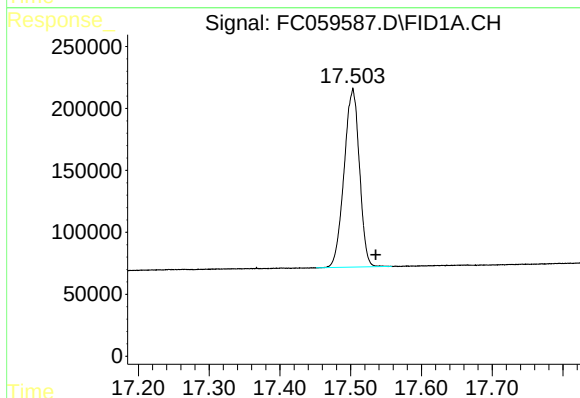
R.T.: 15.819 min
Delta R.T.: -0.034 min
Response: 2401884
Conc: 21.10 ug/ml



#17 n-Tricontane (C30)

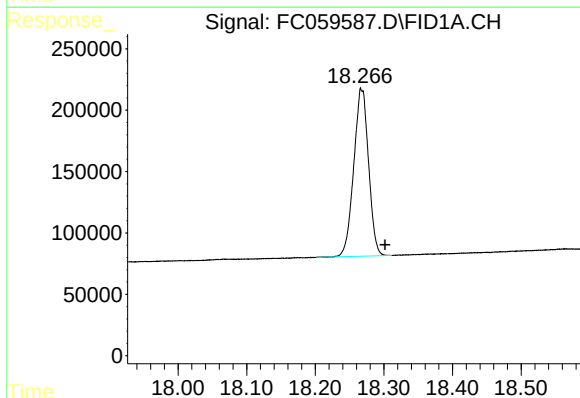
R.T.: 16.688 min
Delta R.T.: -0.034 min
Response: 2295224
Conc: 20.88 ug/ml

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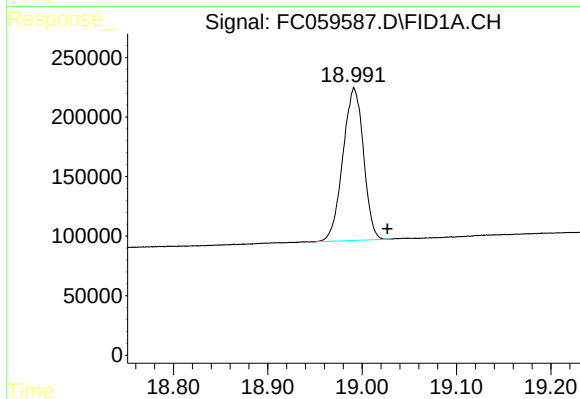
#18 n-Dotriacontane (C32)

R.T.: 17.502 min
Delta R.T.: -0.033 min
Response: 2165472
Conc: 20.95 ug/ml



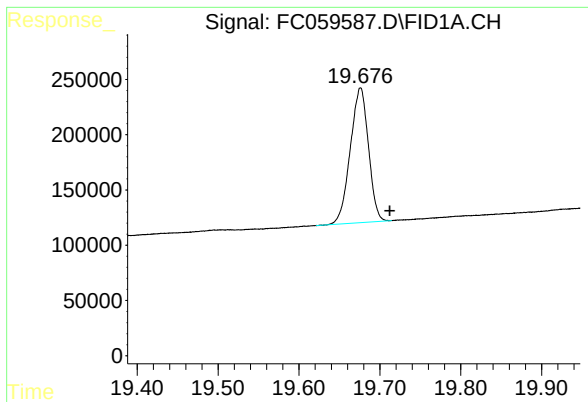
#19 n-Tetratriacontane (C34)

R.T.: 18.267 min
Delta R.T.: -0.034 min
Response: 2045700
Conc: 20.95 ug/ml



#20 n-Hexatriacontane (C36)

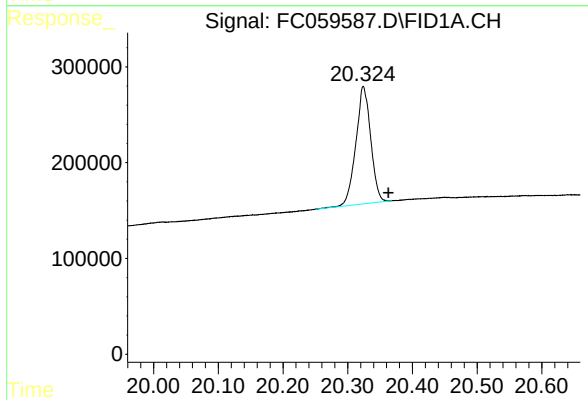
R.T.: 18.991 min
Delta R.T.: -0.036 min
Response: 1941674
Conc: 20.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.676 min
Delta R.T.: -0.037 min
Response: 1901486
Conc: 19.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.325 min
Delta R.T.: -0.038 min
Response: 1952254
Conc: 20.62 ug/ml