

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012822AL\
 Data File : FC058200.D
 Signal(s) : FID1A.CH
 Acq On : 29 Jan 2022 6:04
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 29 06:19:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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)	10.695	3854270	19.933 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
12) S 1-chlorooctadecane (S...	12.133	2934658	19.911 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
Target Compounds			
1) T n-Nonane (C9)	2.625	3515467	21.984 ug/ml
2) T n-Decane (C10)	3.614	3630293	22.586 ug/ml
3) T A~Naphthalene (C11.7)	5.152	3982442	21.932 ug/ml
4) T n-Dodecane (C12)	5.586	3663788	22.717 ug/ml
5) T A~2-methylnaphthalene...	6.193	4014644	21.954 ug/ml
6) T n-Tetradecane (C14)	7.366	3736776	22.634 ug/ml
7) T n-Hexadecane (C16)	8.957	3700417	22.153 ug/ml
8) T n-Octadecane (C18)	10.391	3674630	21.353 ug/ml
10) T n-Eicosane (C20)	11.695	3495289	20.417 ug/ml
11) T n-Heneicosane (C21)	12.304	3446343	19.930 ug/ml
13) T n-Docosane (C22)	12.887	3358757	19.414 ug/ml
14) T n-Tetracosane (C24)	13.986	3288888	18.999 ug/ml
15) T n-Hexacosane (C26)	15.002	3202214	19.028 ug/ml
16) T n-Octacosane (C28)	15.949	3323969	20.312 ug/ml
17) T n-Tricontane (C30)	16.835	3521825	22.558 ug/ml
18) T n-Dotriacontane (C32)	17.663	3393347	24.338 ug/ml
19) T n-Tetratriacontane (C34)	18.445	3002751	24.159 ug/ml
20) T n-Hexatriacontane (C36)	19.183	2475364	22.265 ug/mlm
21) T n-Octatriacontane (C38)	19.887	2050541	19.657 ug/ml
22) T n-Tetracontane (C40)	20.708	1805031	18.851 ug/mlm

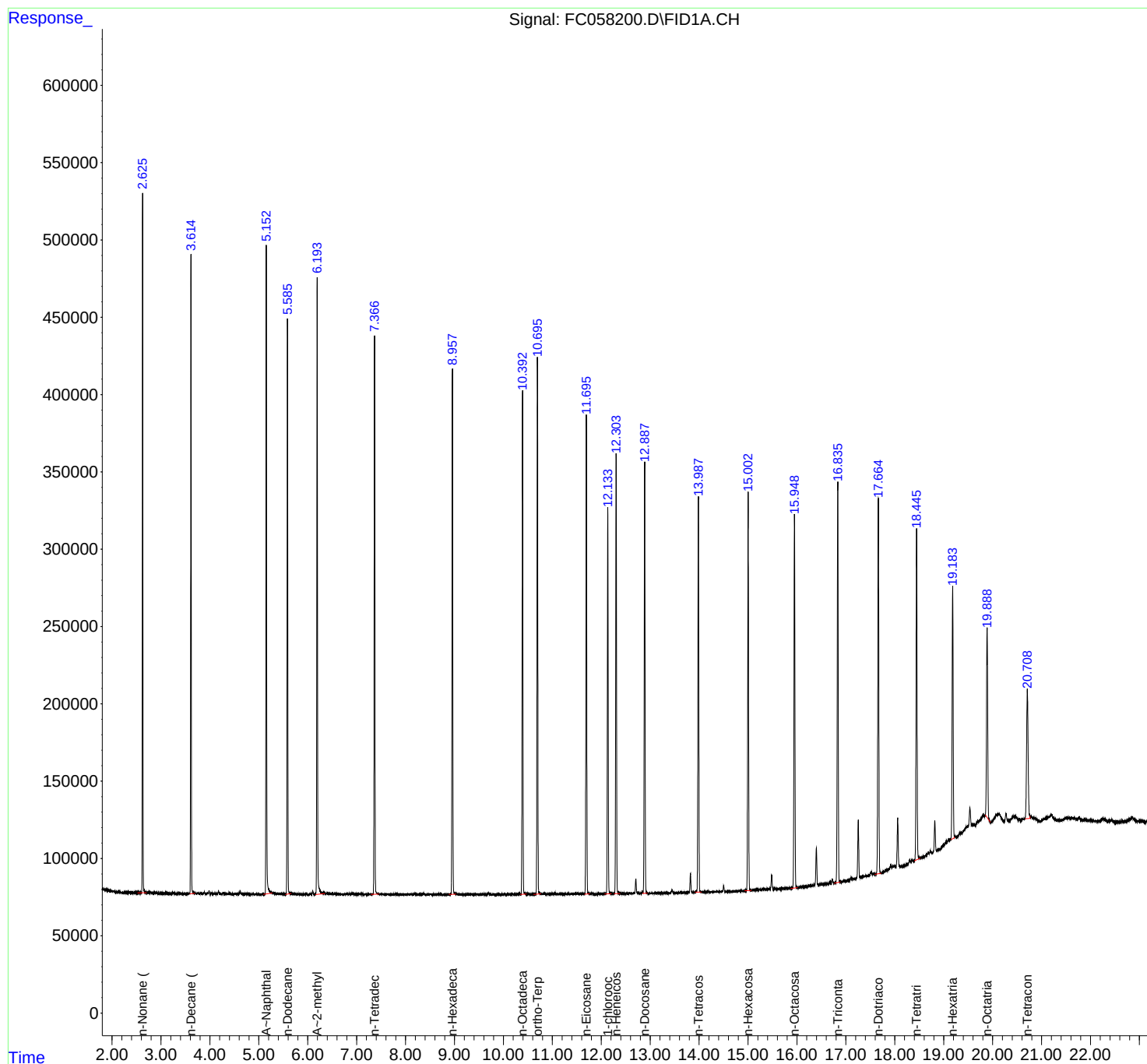
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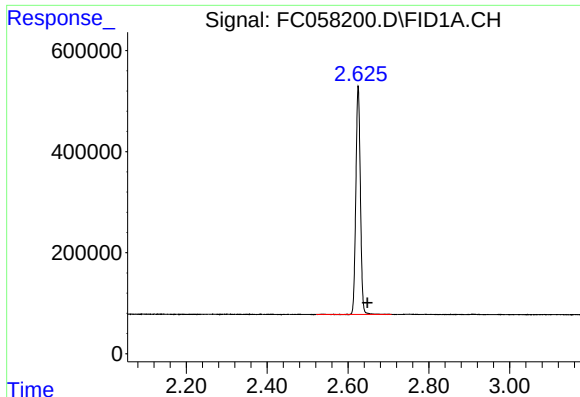
(m)=manual int.

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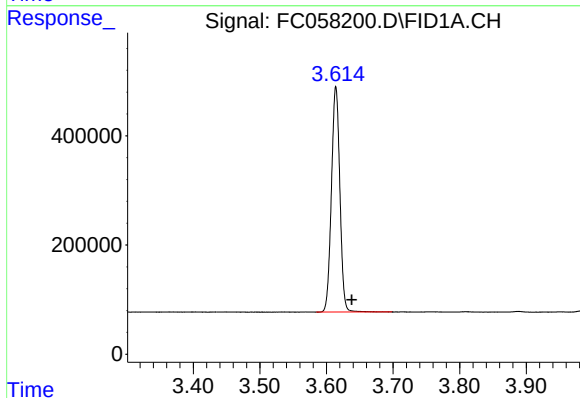
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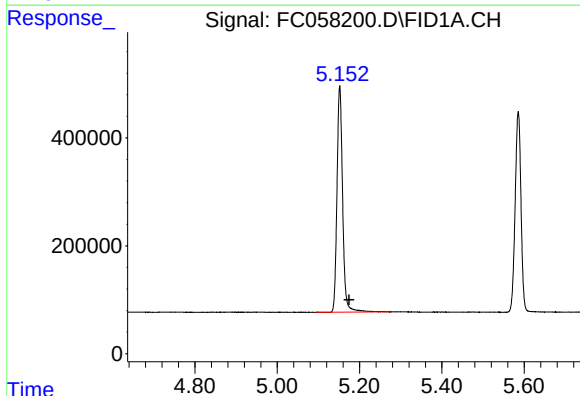
#1 n-Nonane (C9)

R.T.: 2.625 min
Delta R.T.: -0.023 min
Response: 3515467
Conc: 21.98 ug/ml



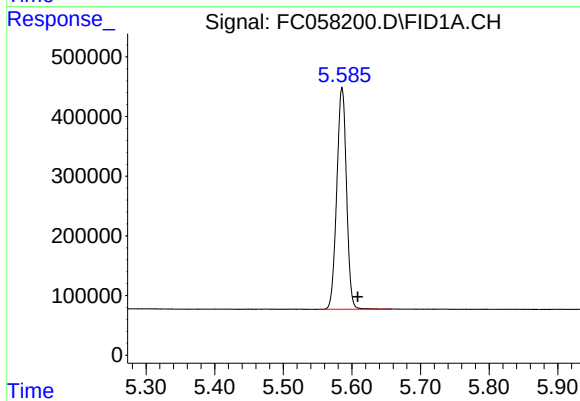
#2 n-Decane (C10)

R.T.: 3.614 min
Delta R.T.: -0.024 min
Response: 3630293
Conc: 22.59 ug/ml



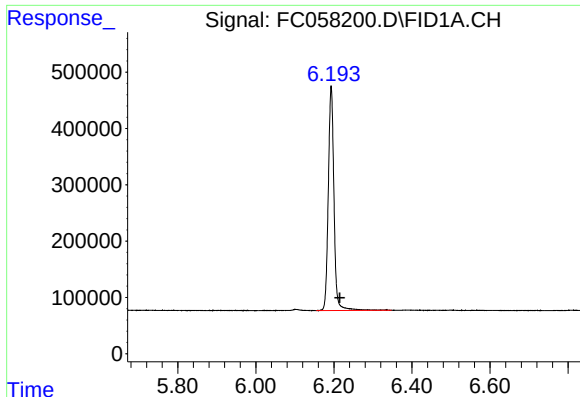
#3 A~Naphthalene (C11.7)

R.T.: 5.152 min
Delta R.T.: -0.023 min
Response: 3982442
Conc: 21.93 ug/ml



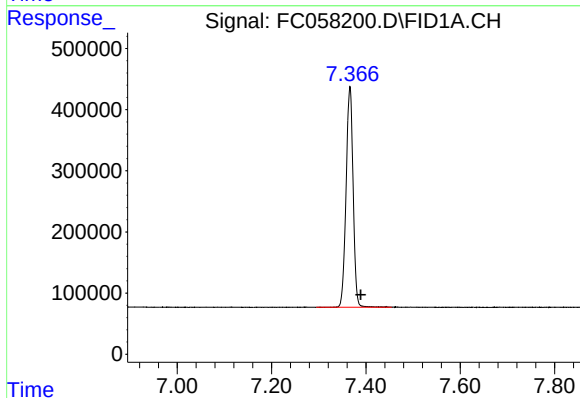
#4 n-Dodecane (C12)

R.T.: 5.586 min
Delta R.T.: -0.023 min
Response: 3663788
Conc: 22.72 ug/ml



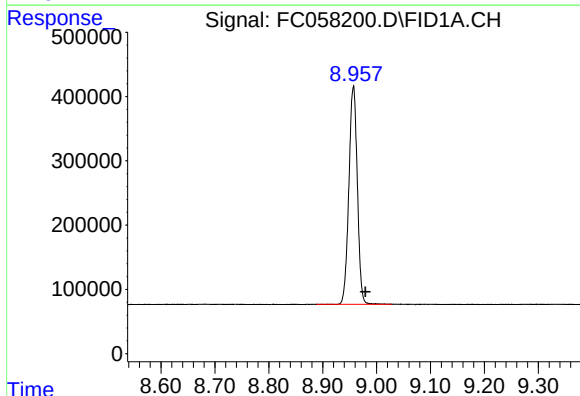
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.193 min
Delta R.T.: -0.022 min
Response: 4014644
Conc: 21.95 ug/ml



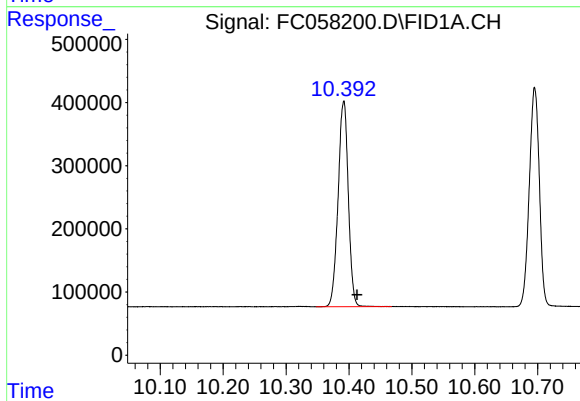
#6 n-Tetradecane (C14)

R.T.: 7.366 min
Delta R.T.: -0.023 min
Response: 3736776
Conc: 22.63 ug/ml



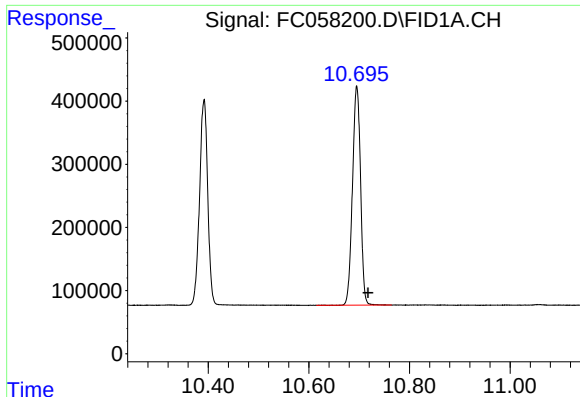
#7 n-Hexadecane (C16)

R.T.: 8.957 min
Delta R.T.: -0.022 min
Response: 3700417
Conc: 22.15 ug/ml



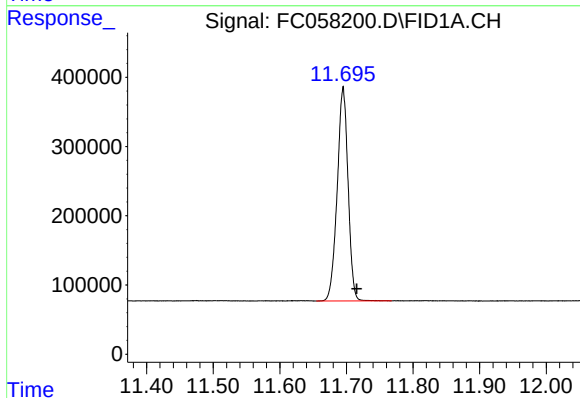
#8 n-Octadecane (C18)

R.T.: 10.391 min
Delta R.T.: -0.022 min
Response: 3674630
Conc: 21.35 ug/ml



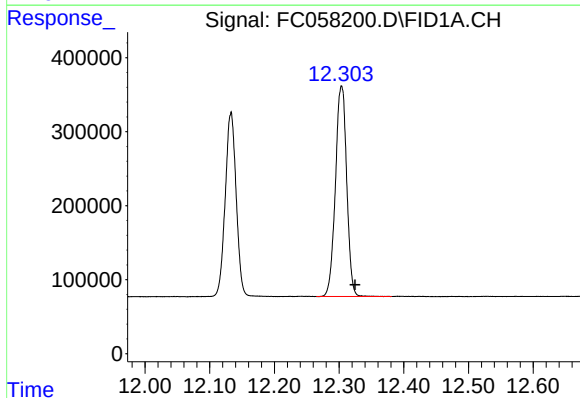
#9 ortho-Terphenyl (SURR)

R.T.: 10.695 min
Delta R.T.: -0.022 min
Response: 3854270
Conc: 19.93 ug/ml



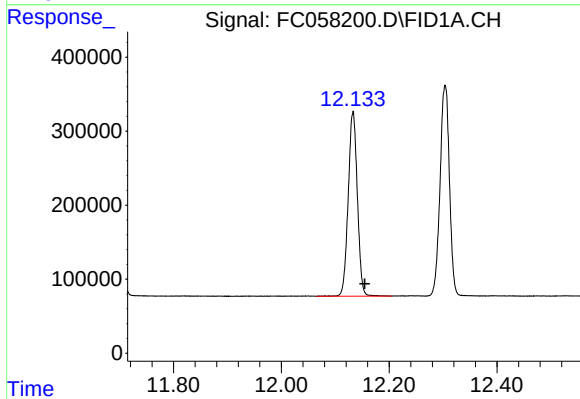
#10 n-Eicosane (C20)

R.T.: 11.695 min
Delta R.T.: -0.021 min
Response: 3495289
Conc: 20.42 ug/ml



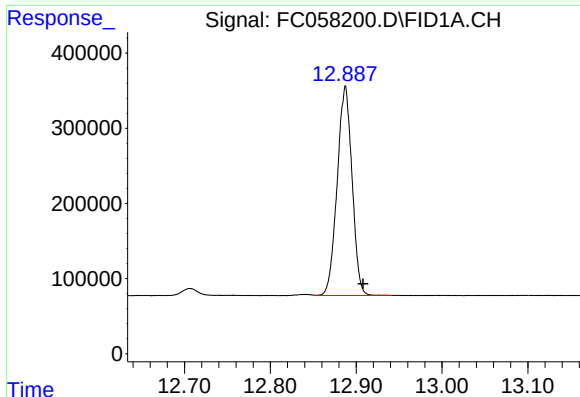
#11 n-Heneicosane (C21)

R.T.: 12.304 min
Delta R.T.: -0.021 min
Response: 3446343
Conc: 19.93 ug/ml



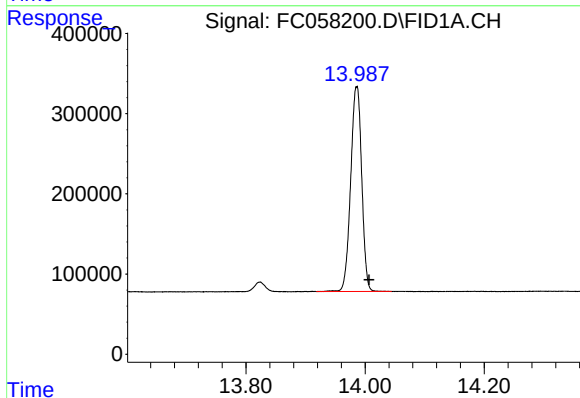
#12 1-chlorooctadecane (SURR)

R.T.: 12.133 min
Delta R.T.: -0.022 min
Response: 2934658
Conc: 19.91 ug/ml



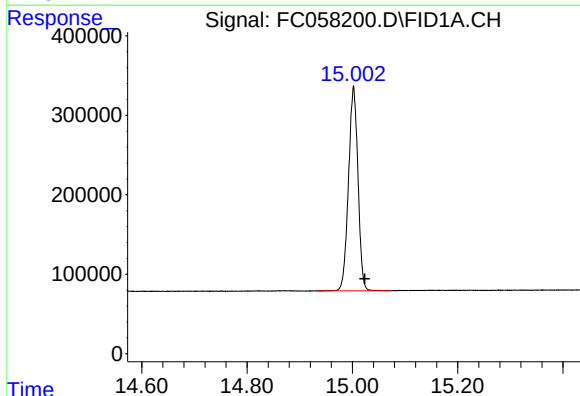
#13 n-Docosane (C22)

R.T.: 12.887 min
Delta R.T.: -0.021 min
Response: 3358757
Conc: 19.41 ug/ml



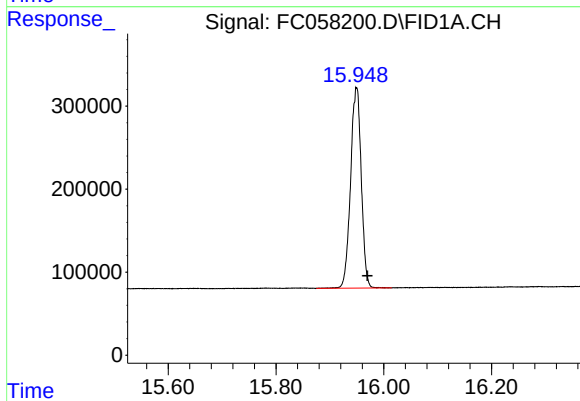
#14 n-Tetracosane (C24)

R.T.: 13.986 min
Delta R.T.: -0.021 min
Response: 3288888
Conc: 19.00 ug/ml



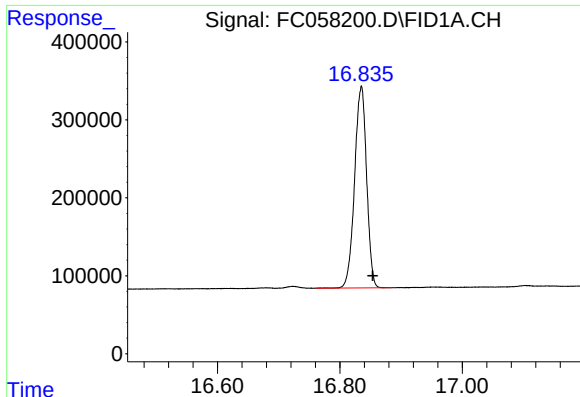
#15 n-Hexacosane (C26)

R.T.: 15.002 min
Delta R.T.: -0.021 min
Response: 3202214
Conc: 19.03 ug/ml



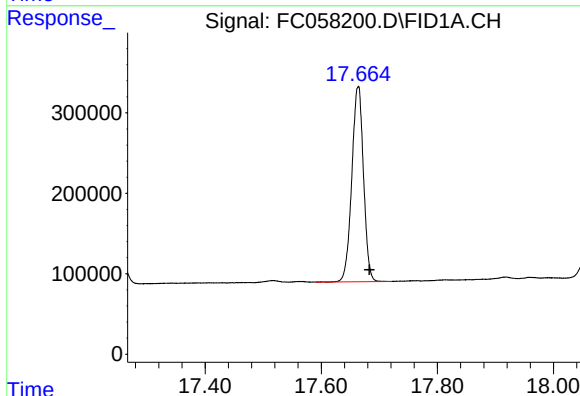
#16 n-Octacosane (C28)

R.T.: 15.949 min
Delta R.T.: -0.020 min
Response: 3323969
Conc: 20.31 ug/ml



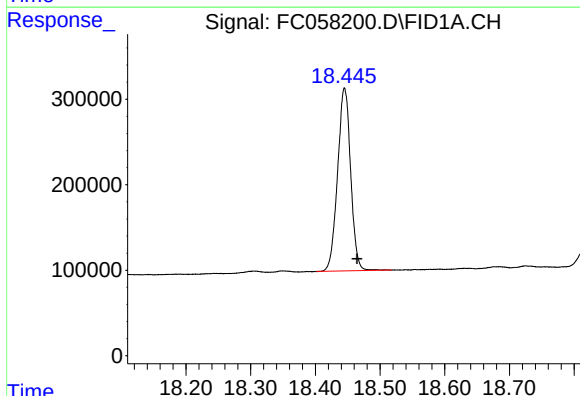
#17 n-Tricontane (C30)

R.T.: 16.835 min
Delta R.T.: -0.019 min
Response: 3521825
Conc: 22.56 ug/ml



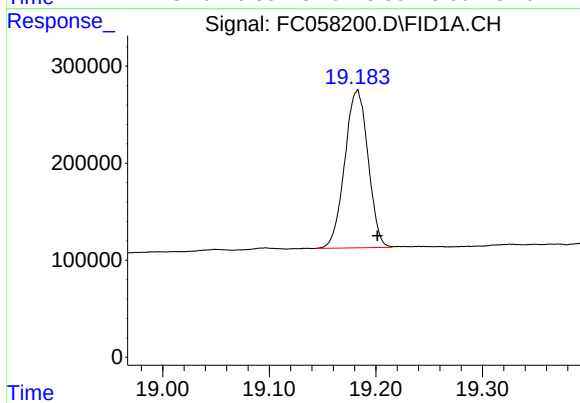
#18 n-Dotriacontane (C32)

R.T.: 17.663 min
Delta R.T.: -0.020 min
Response: 3393347
Conc: 24.34 ug/ml



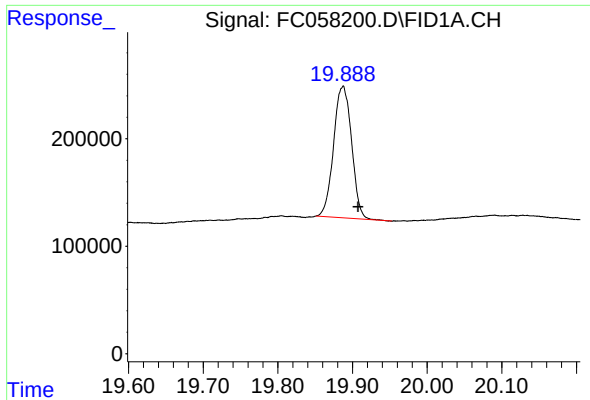
#19 n-Tetratriacontane (C34)

R.T.: 18.445 min
Delta R.T.: -0.019 min
Response: 3002751
Conc: 24.16 ug/ml



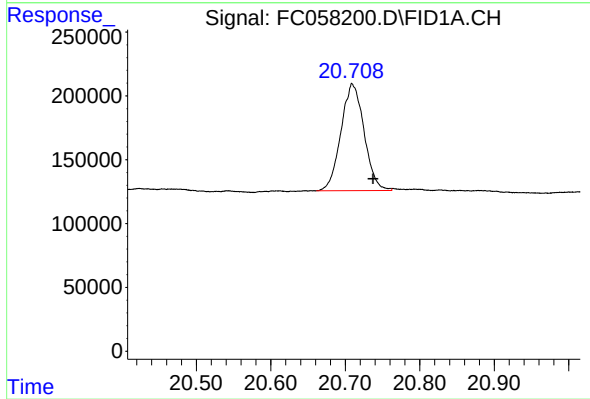
#20 n-Hexatriacontane (C36)

R.T.: 19.183 min
Delta R.T.: -0.019 min
Response: 2475364
Conc: 22.26 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.887 min
Delta R.T.: -0.021 min
Response: 2050541
Conc: 19.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.708 min
Delta R.T.: -0.029 min
Response: 1805031
Conc: 18.85 ug/ml m