

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100621AL\
 Data File : FC056016.D
 Signal(s) : FID1A.CH
 Acq On : 06 Oct 2021 10:51
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 07 01:24:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 2021
 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)	11.648	2142470	18.056 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
12) S 1-chlorooctadecane (S...	13.080	1650155	17.961 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
Target Compounds			
1) T n-Nonane (C9)	3.394	2248541	21.071 ug/ml
2) T n-Decane (C10)	4.464	2259189	21.135 ug/ml
3) T A~Naphthalene (C11.7)	6.059	2435908	20.245 ug/ml
4) T n-Dodecane (C12)	6.485	2228319	20.530 ug/ml
5) T A~2-methylnaphthalene...	7.117	2393668	19.705 ug/ml
6) T n-Tetradecane (C14)	8.282	2177079	19.678 ug/ml
7) T n-Hexadecane (C16)	9.883	2105077	19.018 ug/ml
8) T n-Octadecane (C18)	11.325	2079050	18.576 ug/ml
10) T n-Eicosane (C20)	12.633	1988865	18.209 ug/ml
11) T n-Heneicosane (C21)	13.244	1976755	18.181 ug/ml
13) T n-Docosane (C22)	13.830	1934228	18.111 ug/ml
14) T n-Tetracosane (C24)	14.931	1913372	18.298 ug/ml
15) T n-Hexacosane (C26)	15.950	1876622	18.678 ug/ml
16) T n-Octacosane (C28)	16.899	1884042	19.478 ug/ml
17) T n-Tricontane (C30)	17.784	1918219	20.674 ug/ml
18) T n-Dotriacontane (C32)	18.614	1885317	21.206 ug/ml
19) T n-Tetratriacontane (C34)	19.395	1885063	21.795 ug/ml
20) T n-Hexatriacontane (C36)	20.133	1803868	22.079 ug/ml
21) T n-Octatriacontane (C38)	20.875	1750256	21.964 ug/ml
22) T n-Tetracontane (C40)	21.802	1742975	21.743 ug/ml

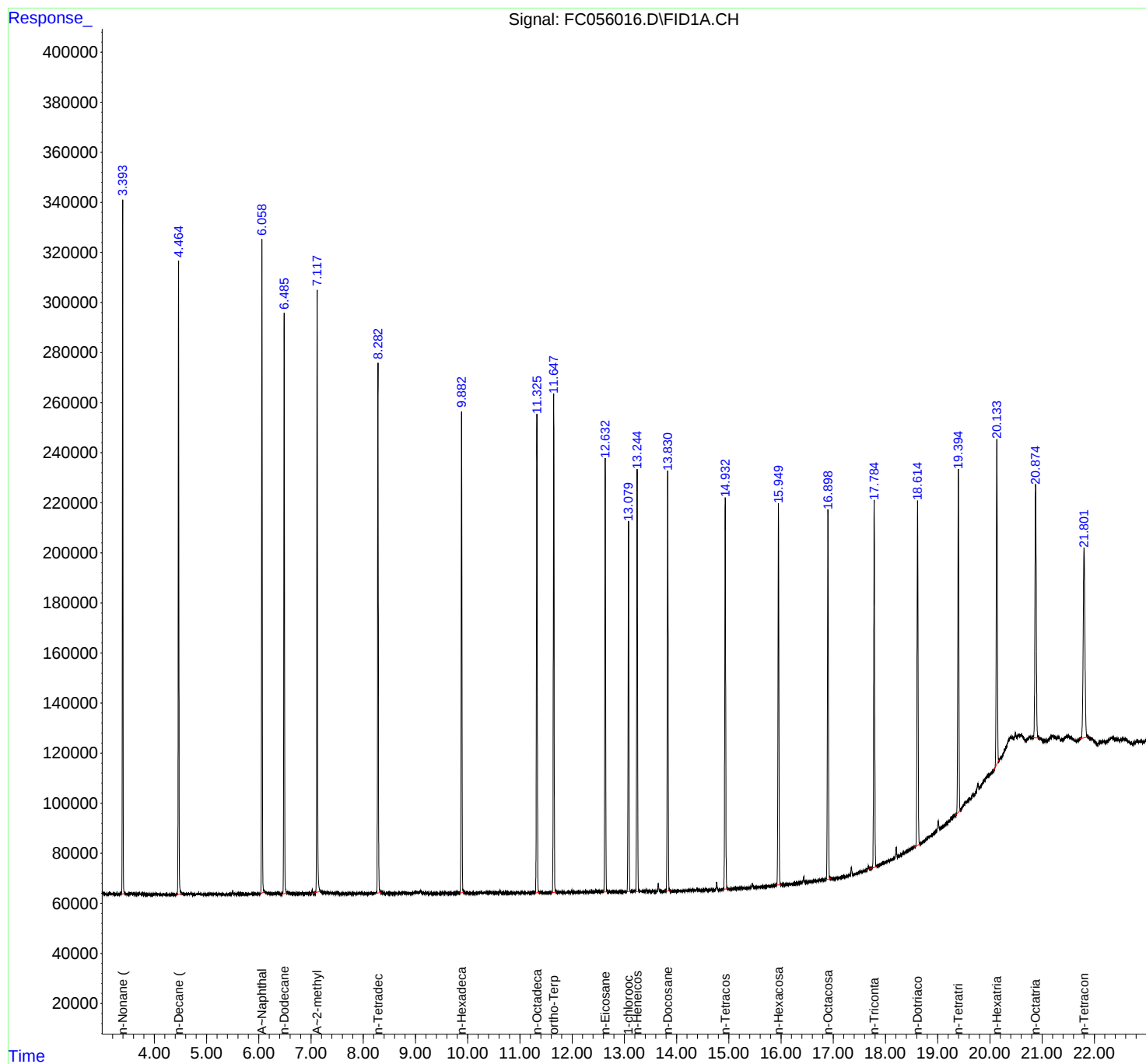
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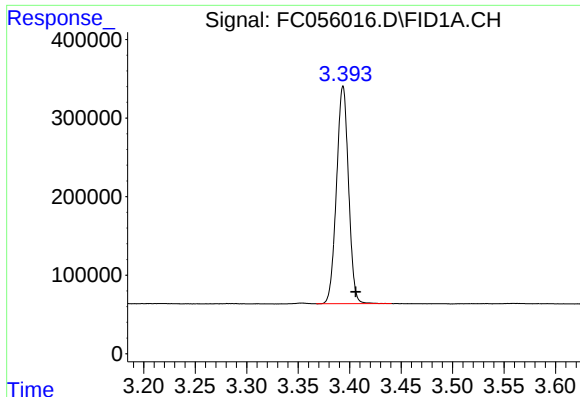
(m)=manual int.

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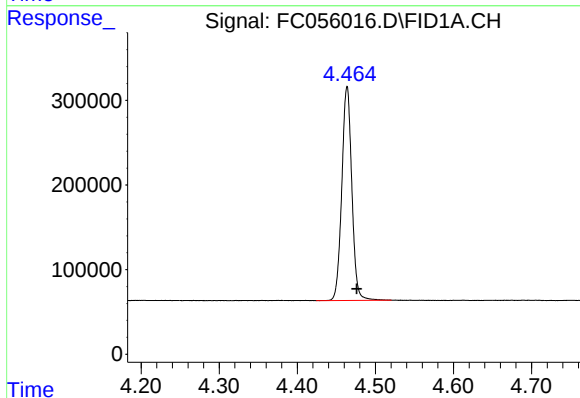
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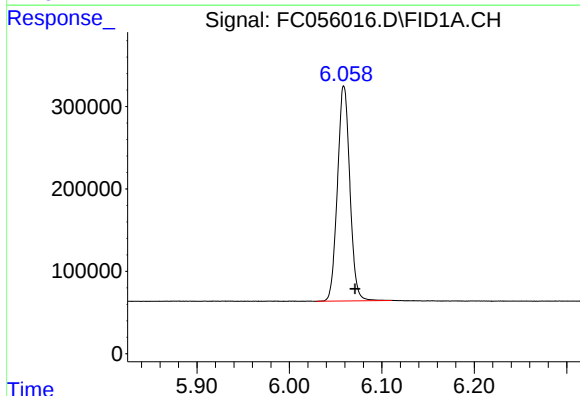
#1 n-Nonane (C9)

R.T.: 3.394 min
Delta R.T.: -0.012 min
Response: 2248541
Conc: 21.07 ug/ml



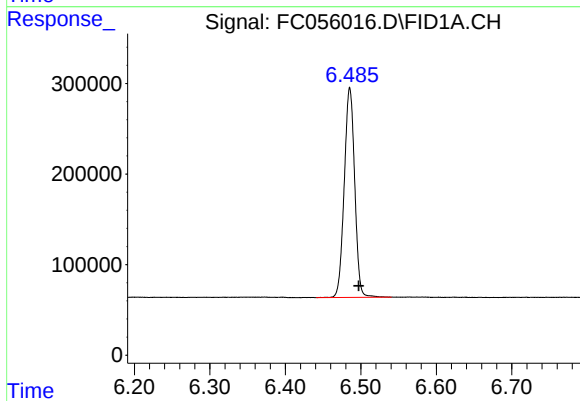
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: -0.012 min
Response: 2259189
Conc: 21.13 ug/ml



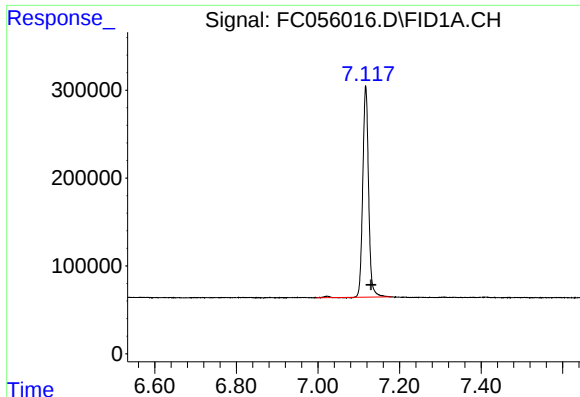
#3 A~Naphthalene (C11.7)

R.T.: 6.059 min
Delta R.T.: -0.012 min
Response: 2435908
Conc: 20.25 ug/ml



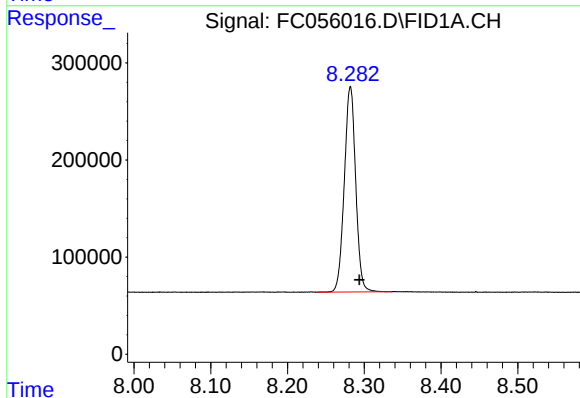
#4 n-Dodecane (C12)

R.T.: 6.485 min
Delta R.T.: -0.012 min
Response: 2228319
Conc: 20.53 ug/ml



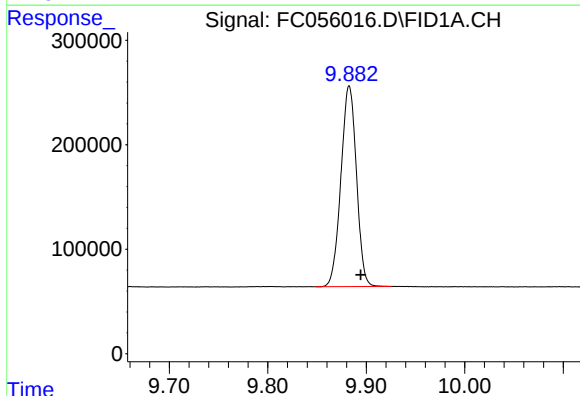
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.117 min
Delta R.T.: -0.013 min
Response: 2393668
Conc: 19.71 ug/ml



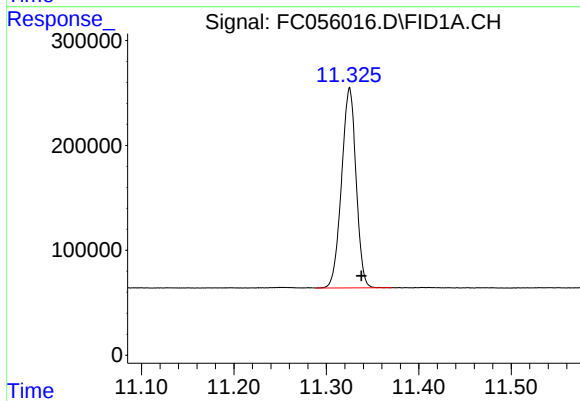
#6 n-Tetradecane (C14)

R.T.: 8.282 min
Delta R.T.: -0.012 min
Response: 2177079
Conc: 19.68 ug/ml



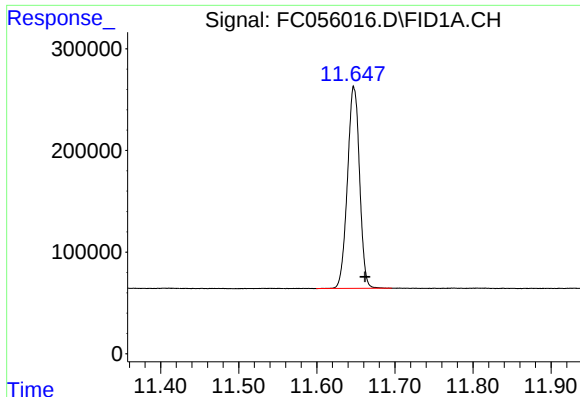
#7 n-Hexadecane (C16)

R.T.: 9.883 min
Delta R.T.: -0.012 min
Response: 2105077
Conc: 19.02 ug/ml



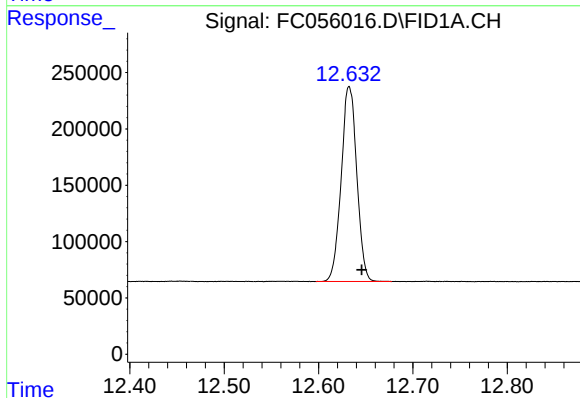
#8 n-Octadecane (C18)

R.T.: 11.325 min
Delta R.T.: -0.013 min
Response: 2079050
Conc: 18.58 ug/ml



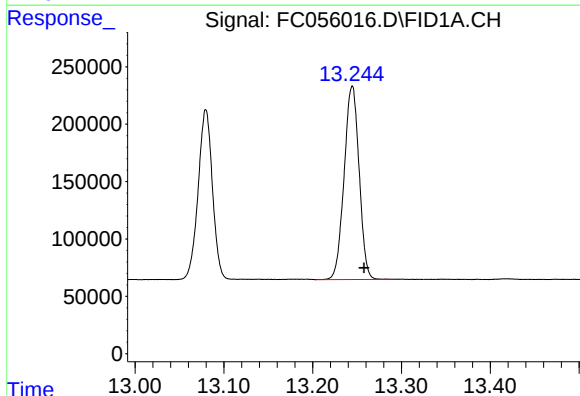
#9 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: -0.014 min
Response: 2142470
Conc: 18.06 ug/ml



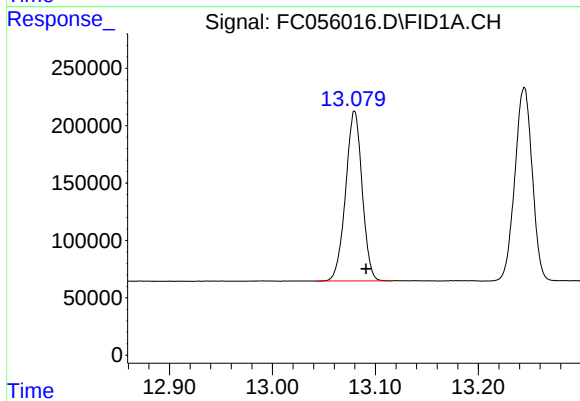
#10 n-Eicosane (C20)

R.T.: 12.633 min
Delta R.T.: -0.013 min
Response: 1988865
Conc: 18.21 ug/ml



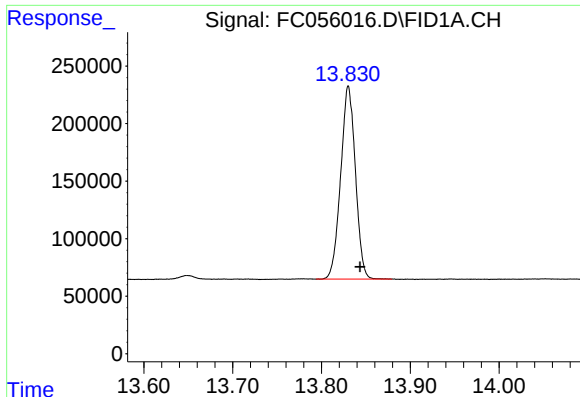
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: -0.013 min
Response: 1976755
Conc: 18.18 ug/ml



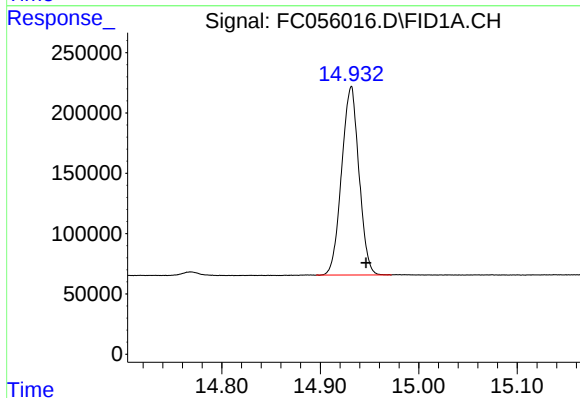
#12 1-chlorooctadecane (SURR)

R.T.: 13.080 min
Delta R.T.: -0.011 min
Response: 1650155
Conc: 17.96 ug/ml



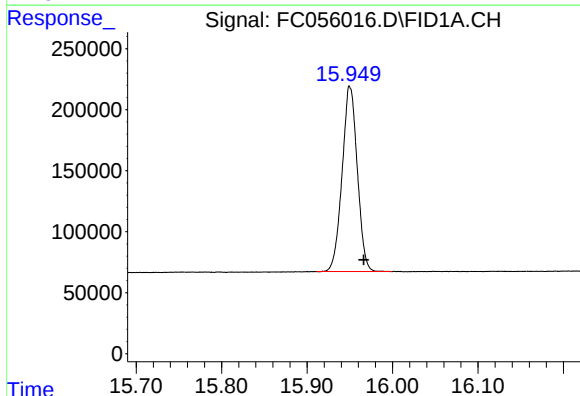
#13 n-Docosane (C22)

R.T.: 13.830 min
Delta R.T.: -0.013 min
Response: 1934228
Conc: 18.11 ug/ml



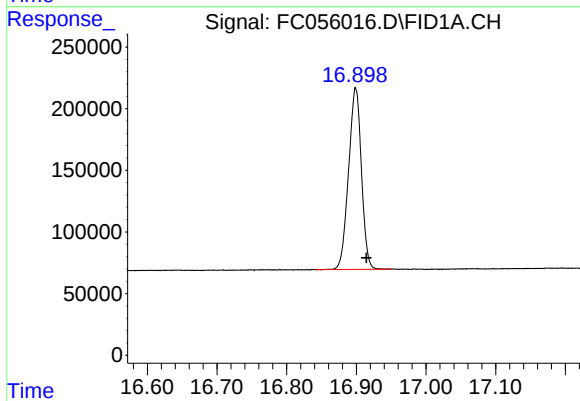
#14 n-Tetracosane (C24)

R.T.: 14.931 min
Delta R.T.: -0.015 min
Response: 1913372
Conc: 18.30 ug/ml



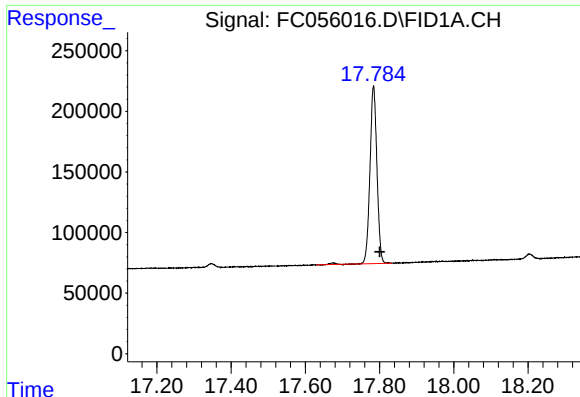
#15 n-Hexacosane (C26)

R.T.: 15.950 min
Delta R.T.: -0.016 min
Response: 1876622
Conc: 18.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.899 min
Delta R.T.: -0.015 min
Response: 1884042
Conc: 19.48 ug/ml



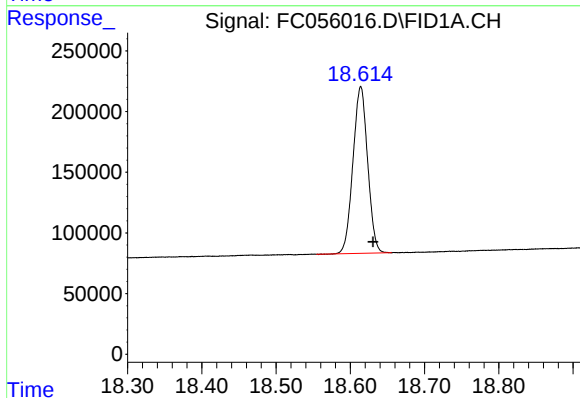
#17 n-Tricontane (C30)

R.T.: 17.784 min

Delta R.T.: -0.016 min

Response: 1918219

Conc: 20.67 ug/ml



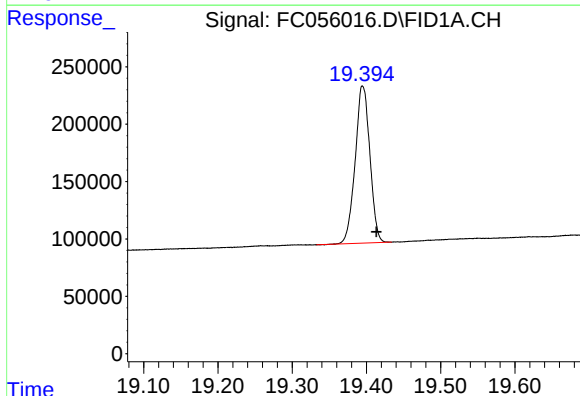
#18 n-Dotriacontane (C32)

R.T.: 18.614 min

Delta R.T.: -0.017 min

Response: 1885317

Conc: 21.21 ug/ml



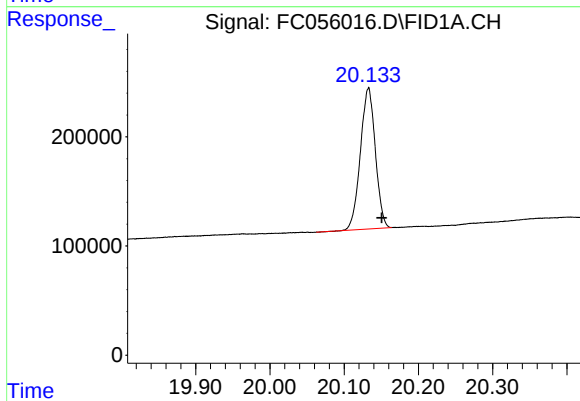
#19 n-Tetratriacontane (C34)

R.T.: 19.395 min

Delta R.T.: -0.018 min

Response: 1885063

Conc: 21.80 ug/ml



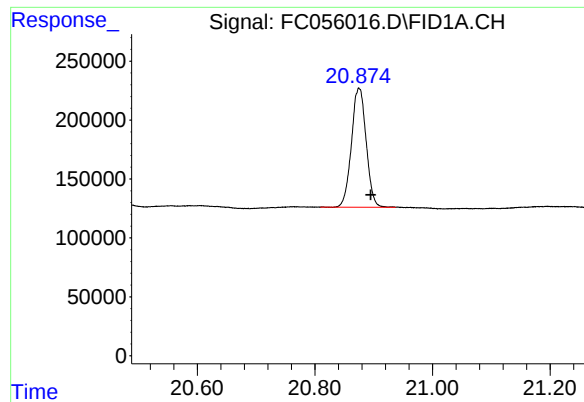
#20 n-Hexatriacontane (C36)

R.T.: 20.133 min

Delta R.T.: -0.018 min

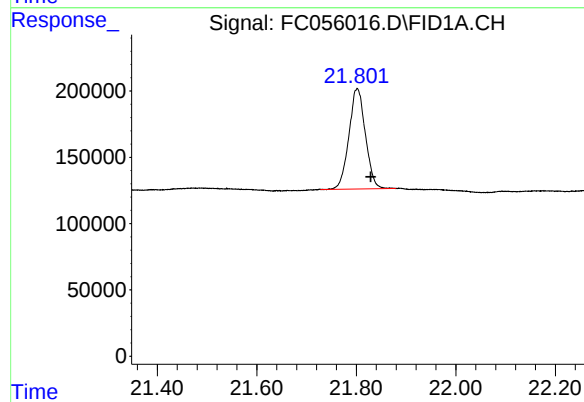
Response: 1803868

Conc: 22.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.875 min
Delta R.T.: -0.020 min
Response: 1750256
Conc: 21.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.802 min
Delta R.T.: -0.028 min
Response: 1742975
Conc: 21.74 ug/ml