

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111721AL\
 Data File : FC056871.D
 Signal(s) : FID1A.CH
 Acq On : 17 Nov 2021 11:58
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 18 00:32:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.604	2095994	16.928 ug/ml
Spiked Amount 50.000		Recovery =	33.86%
12) S 1-chlorooctadecane (S...	13.037	1616994	16.805 ug/ml
Spiked Amount 50.000		Recovery =	33.61%
Target Compounds			
1) T n-Nonane (C9)	3.366	2096308	19.368 ug/ml
2) T n-Decane (C10)	4.433	2092271	19.423 ug/ml
3) T A~Naphthalene (C11.7)	6.023	2307036	18.922 ug/ml
4) T n-Dodecane (C12)	6.451	2126743	19.292 ug/ml
5) T A~2-methylnaphthalene...	7.080	2287566	18.680 ug/ml
6) T n-Tetradecane (C14)	8.245	2112150	18.813 ug/ml
7) T n-Hexadecane (C16)	9.845	2084286	18.333 ug/ml
8) T n-Octadecane (C18)	11.285	2085041	17.843 ug/ml
10) T n-Eicosane (C20)	12.592	1978513	17.215 ug/ml
11) T n-Heneicosane (C21)	13.203	1945876	16.932 ug/ml
13) T n-Docosane (C22)	13.788	1887184	16.762 ug/ml
14) T n-Tetracosane (C24)	14.887	1817320	16.491 ug/ml
15) T n-Hexacosane (C26)	15.905	1749558	16.576 ug/ml
16) T n-Octacosane (C28)	16.852	1753360	16.904 ug/ml
17) T n-Tricontane (C30)	17.736	1756971	16.958 ug/ml
18) T n-Dotriacontane (C32)	18.564	1749454	18.260 ug/ml
19) T n-Tetratriacontane (C34)	19.344	1781213	20.308 ug/ml
20) T n-Hexatriacontane (C36)	20.080	1752192	21.407 ug/ml
21) T n-Octatriacontane (C38)	20.814	1722374	21.536 ug/ml
22) T n-Tetracontane (C40)	21.725	1727231	20.964 ug/ml

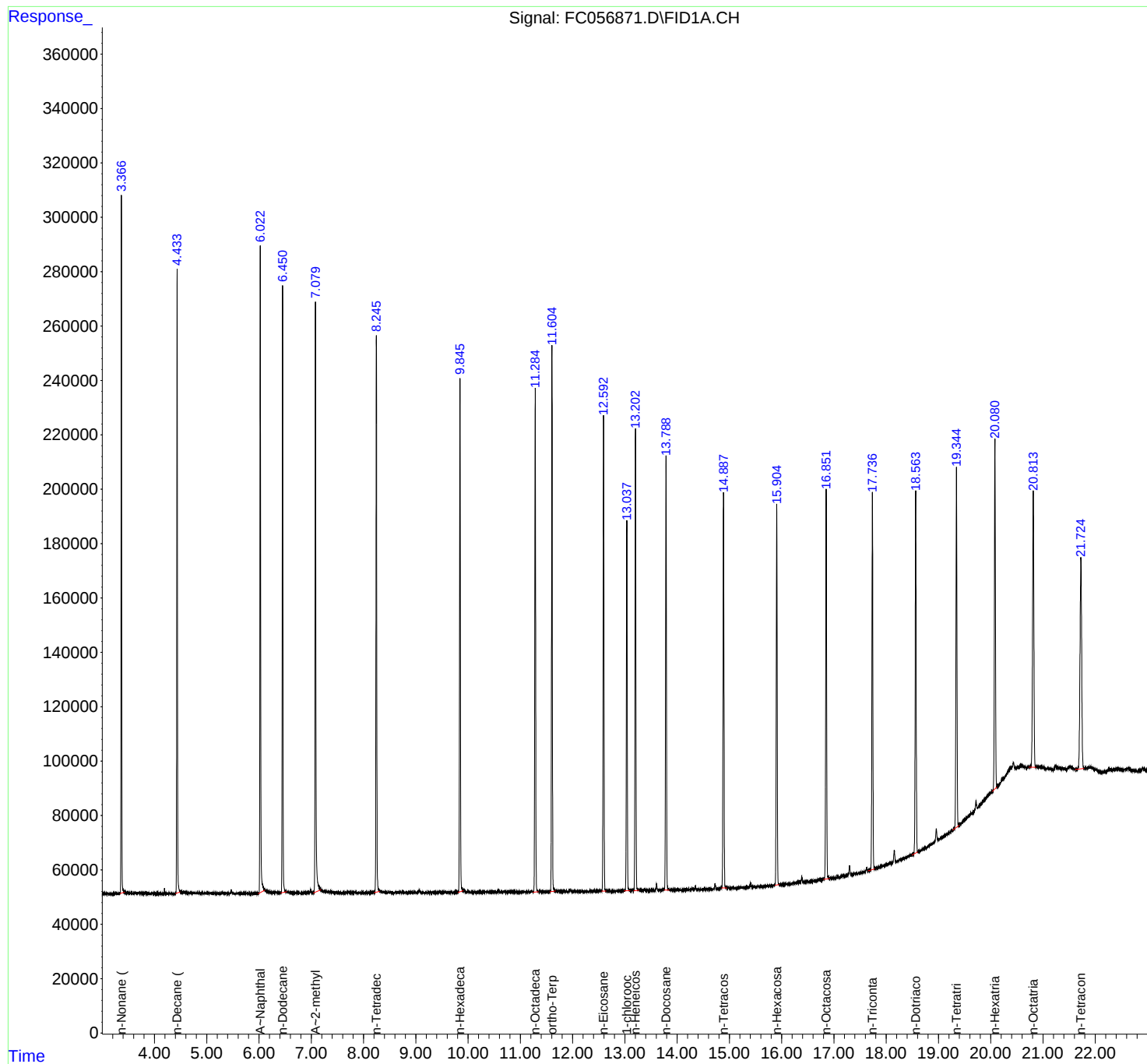
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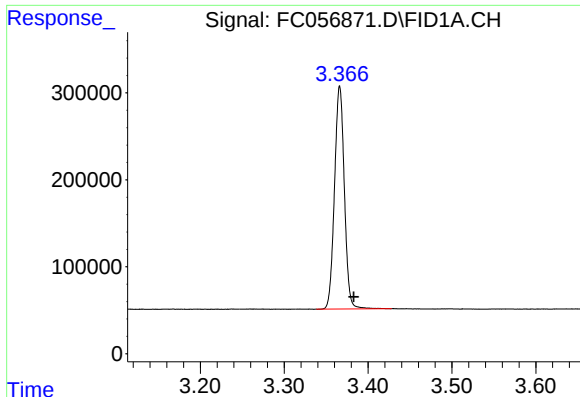
(m)=manual int.

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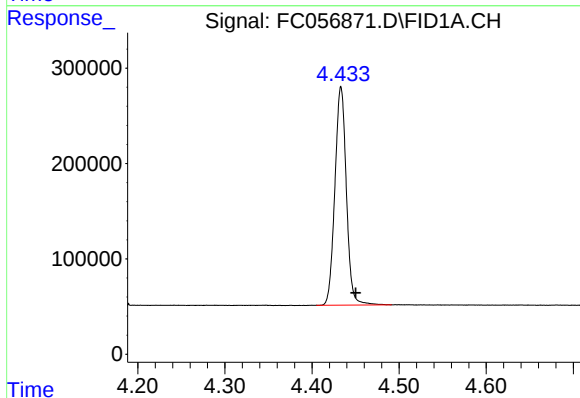
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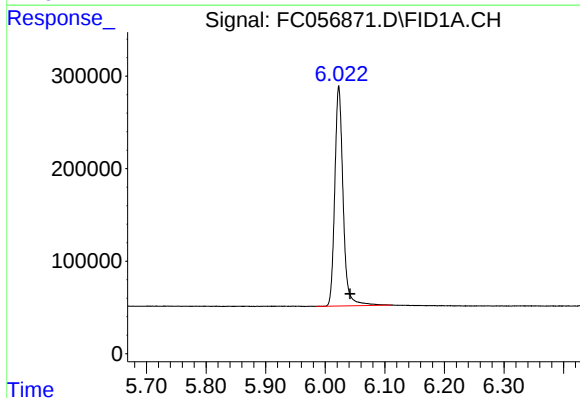
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: -0.017 min
Response: 2096308
Conc: 19.37 ug/ml



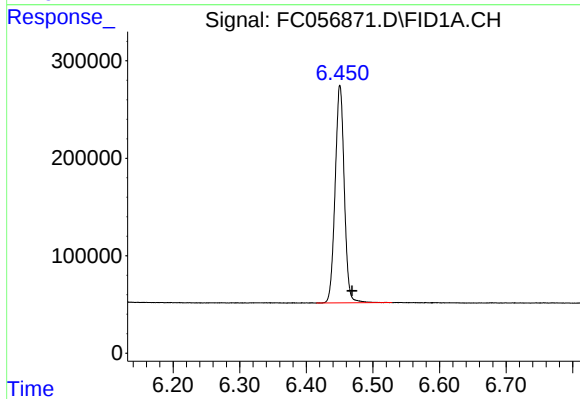
#2 n-Decane (C10)

R.T.: 4.433 min
Delta R.T.: -0.017 min
Response: 2092271
Conc: 19.42 ug/ml



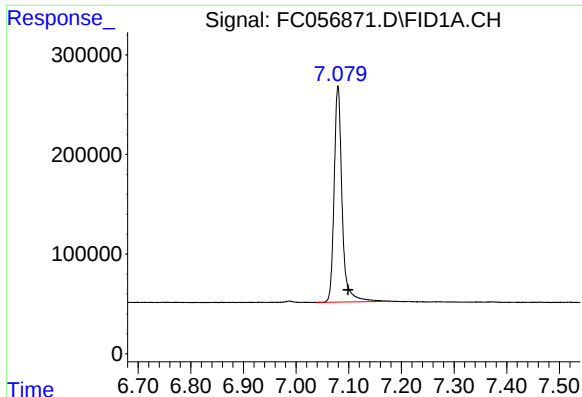
#3 A~Naphthalene (C11.7)

R.T.: 6.023 min
Delta R.T.: -0.019 min
Response: 2307036
Conc: 18.92 ug/ml



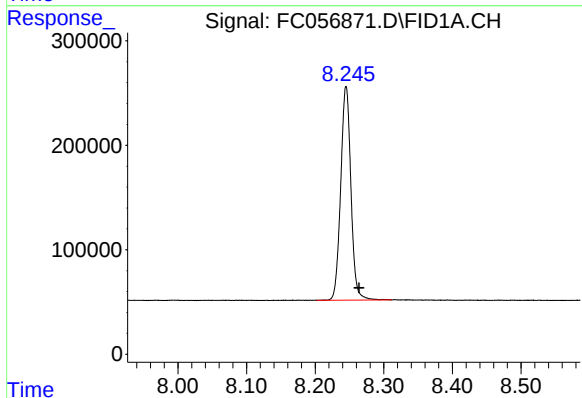
#4 n-Dodecane (C12)

R.T.: 6.451 min
Delta R.T.: -0.018 min
Response: 2126743
Conc: 19.29 ug/ml



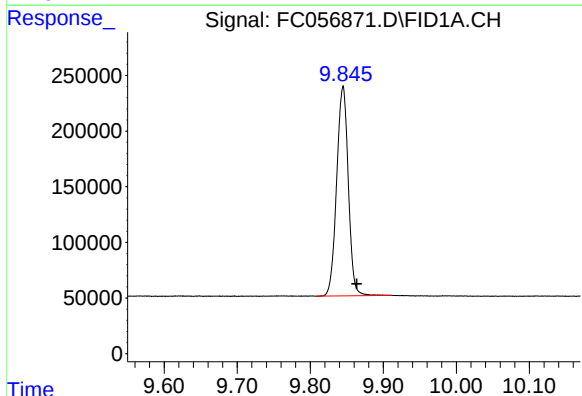
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.080 min
Delta R.T.: -0.019 min
Response: 2287566
Conc: 18.68 ug/ml



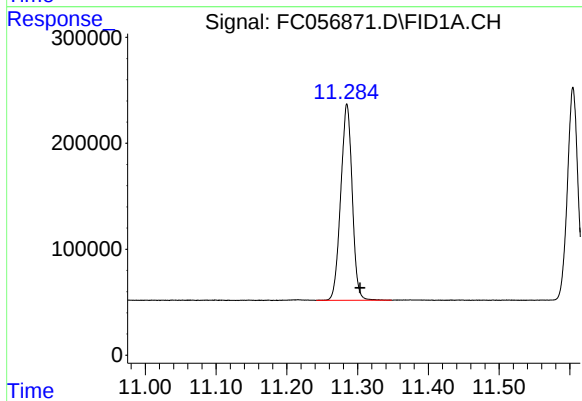
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.019 min
Response: 2112150
Conc: 18.81 ug/ml



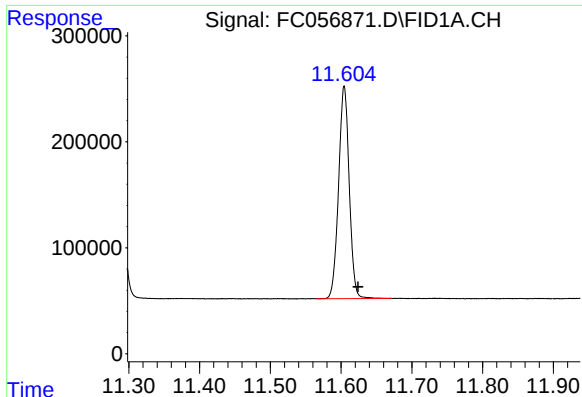
#7 n-Hexadecane (C16)

R.T.: 9.845 min
Delta R.T.: -0.019 min
Response: 2084286
Conc: 18.33 ug/ml



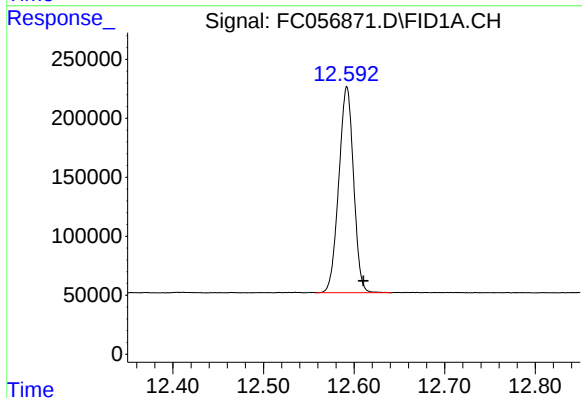
#8 n-Octadecane (C18)

R.T.: 11.285 min
Delta R.T.: -0.018 min
Response: 2085041
Conc: 17.84 ug/ml



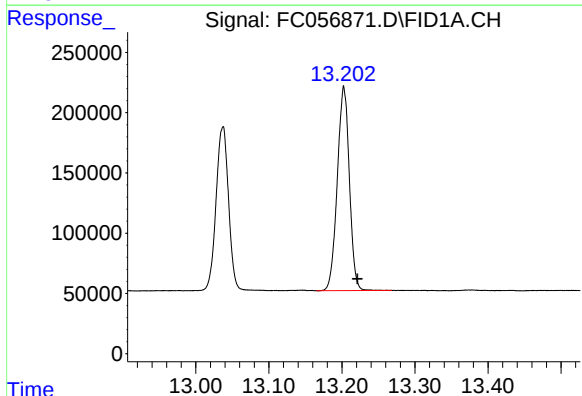
#9 ortho-Terphenyl (SURR)

R.T.: 11.604 min
Delta R.T.: -0.020 min
Response: 2095994
Conc: 16.93 ug/ml



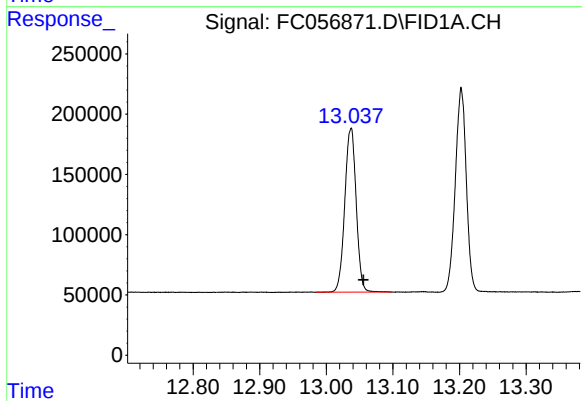
#10 n-Eicosane (C20)

R.T.: 12.592 min
Delta R.T.: -0.018 min
Response: 1978513
Conc: 17.22 ug/ml



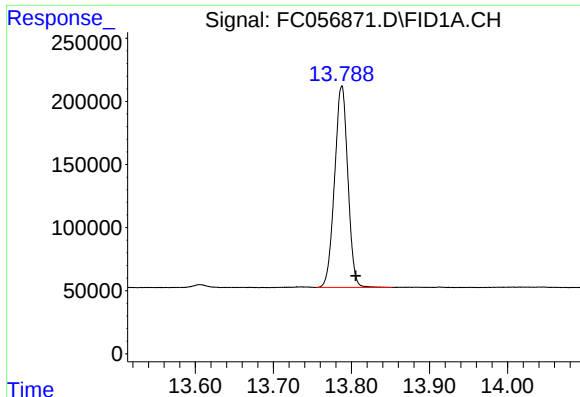
#11 n-Heneicosane (C21)

R.T.: 13.203 min
Delta R.T.: -0.019 min
Response: 1945876
Conc: 16.93 ug/ml



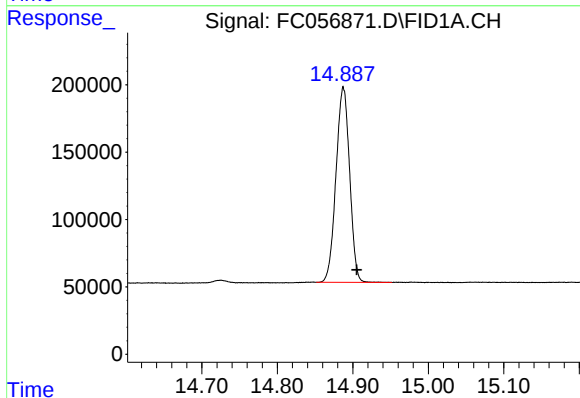
#12 1-chlorooctadecane (SURR)

R.T.: 13.037 min
Delta R.T.: -0.019 min
Response: 1616994
Conc: 16.80 ug/ml



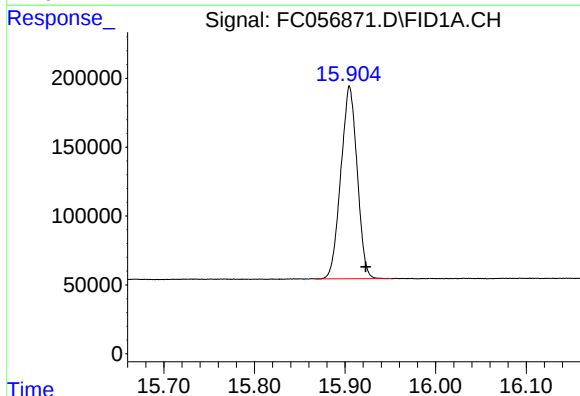
#13 n-Docosane (C22)

R.T.: 13.788 min
Delta R.T.: -0.018 min
Response: 1887184
Conc: 16.76 ug/ml



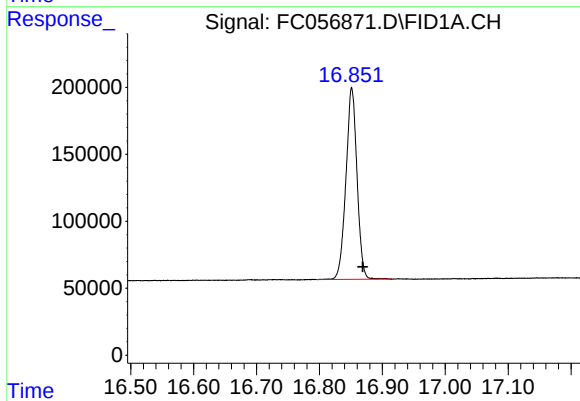
#14 n-Tetracosane (C24)

R.T.: 14.887 min
Delta R.T.: -0.018 min
Response: 1817320
Conc: 16.49 ug/ml



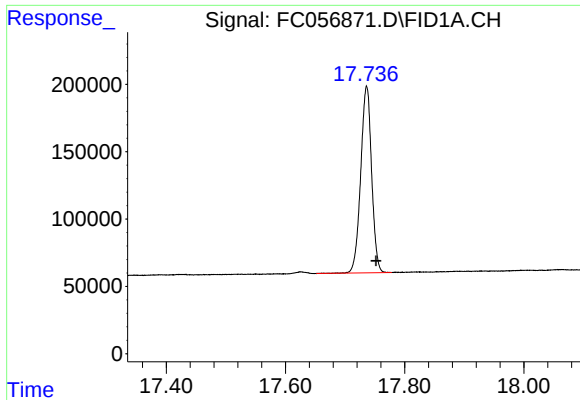
#15 n-Hexacosane (C26)

R.T.: 15.905 min
Delta R.T.: -0.018 min
Response: 1749558
Conc: 16.58 ug/ml



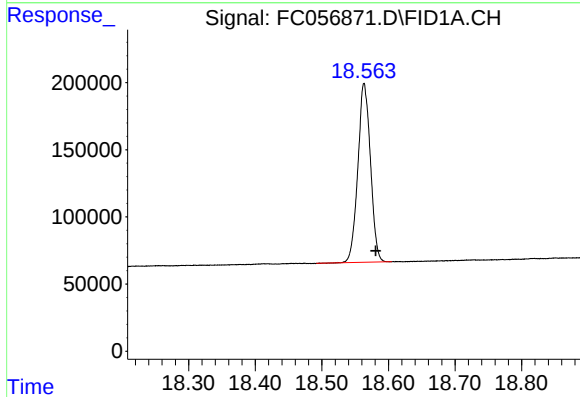
#16 n-Octacosane (C28)

R.T.: 16.852 min
Delta R.T.: -0.017 min
Response: 1753360
Conc: 16.90 ug/ml



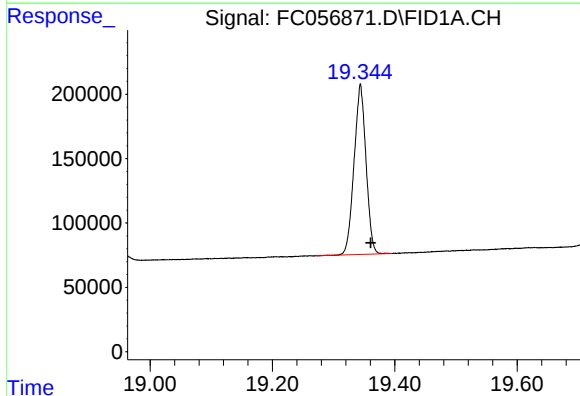
#17 n-Tricontane (C30)

R.T.: 17.736 min
Delta R.T.: -0.016 min
Response: 1756971
Conc: 16.96 ug/ml



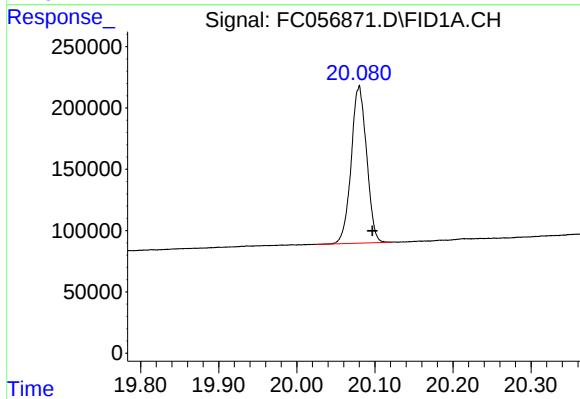
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: -0.017 min
Response: 1749454
Conc: 18.26 ug/ml



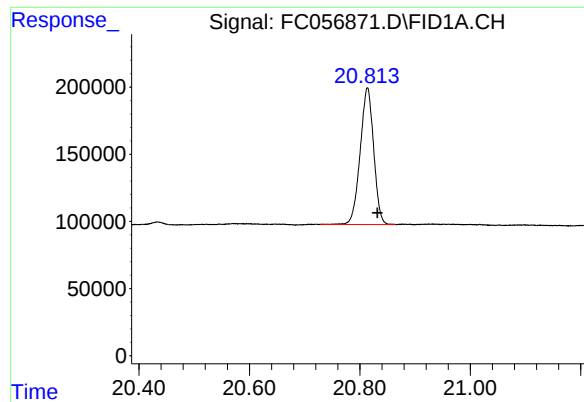
#19 n-Tetratriacontane (C34)

R.T.: 19.344 min
Delta R.T.: -0.017 min
Response: 1781213
Conc: 20.31 ug/ml



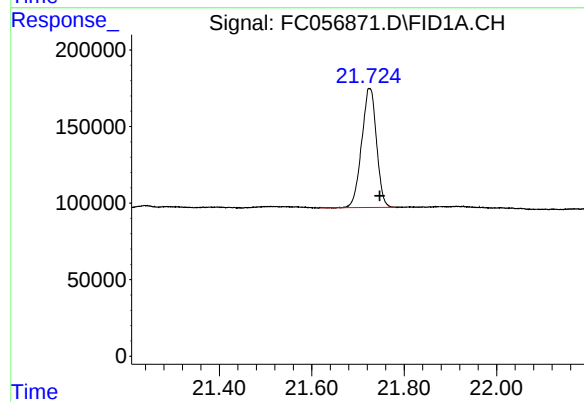
#20 n-Hexatriacontane (C36)

R.T.: 20.080 min
Delta R.T.: -0.017 min
Response: 1752192
Conc: 21.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.814 min
Delta R.T.: -0.018 min
Response: 1722374
Conc: 21.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.725 min
Delta R.T.: -0.021 min
Response: 1727231
Conc: 20.96 ug/ml