

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092821AL\
 Data File : FC055869.D
 Signal(s) : FID1A.CH
 Acq On : 28 Sep 2021 12:31
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 29 01:58:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 03:14:48 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)	11.657	2129120	16.860 ug/ml
Spiked Amount 50.000		Recovery =	33.72%
12) S 1-chlorooctadecane (S...	13.091	1668602	16.887 ug/ml
Spiked Amount 50.000		Recovery =	33.77%
Target Compounds			
1) T n-Nonane (C9)	3.404	2159421	19.431 ug/ml
2) T n-Decane (C10)	4.474	2177578	19.441 ug/ml
3) T A~Naphthalene (C11.7)	6.069	2416905	19.252 ug/ml
4) T n-Dodecane (C12)	6.495	2188196	19.555 ug/ml
5) T A~2-methylnaphthalene...	7.127	2410167	19.062 ug/ml
6) T n-Tetradecane (C14)	8.289	2196582	19.405 ug/ml
7) T n-Hexadecane (C16)	9.890	2165577	18.954 ug/ml
8) T n-Octadecane (C18)	11.333	2132267	17.970 ug/ml
10) T n-Eicosane (C20)	12.644	2020580	17.118 ug/ml
11) T n-Heneicosane (C21)	13.256	1994116	16.714 ug/ml
13) T n-Docosane (C22)	13.842	1918816	16.196 ug/ml
14) T n-Tetracosane (C24)	14.946	1856234	15.687 ug/ml
15) T n-Hexacosane (C26)	15.966	1778393	15.608 ug/ml
16) T n-Octacosane (C28)	16.916	1763825	16.215 ug/ml
17) T n-Tricontane (C30)	17.802	1747117	17.271 ug/ml
18) T n-Dotriacontane (C32)	18.632	1732052	18.955 ug/mlm
19) T n-Tetratriacontane (C34)	19.417	1734231	20.082 ug/ml
20) T n-Hexatriacontane (C36)	20.156	1764711	20.749 ug/ml
21) T n-Octatriacontane (C38)	20.903	1816241	23.860 ug/ml
22) T n-Tetracontane (C40)	21.838	1727836	24.667 ug/mlm

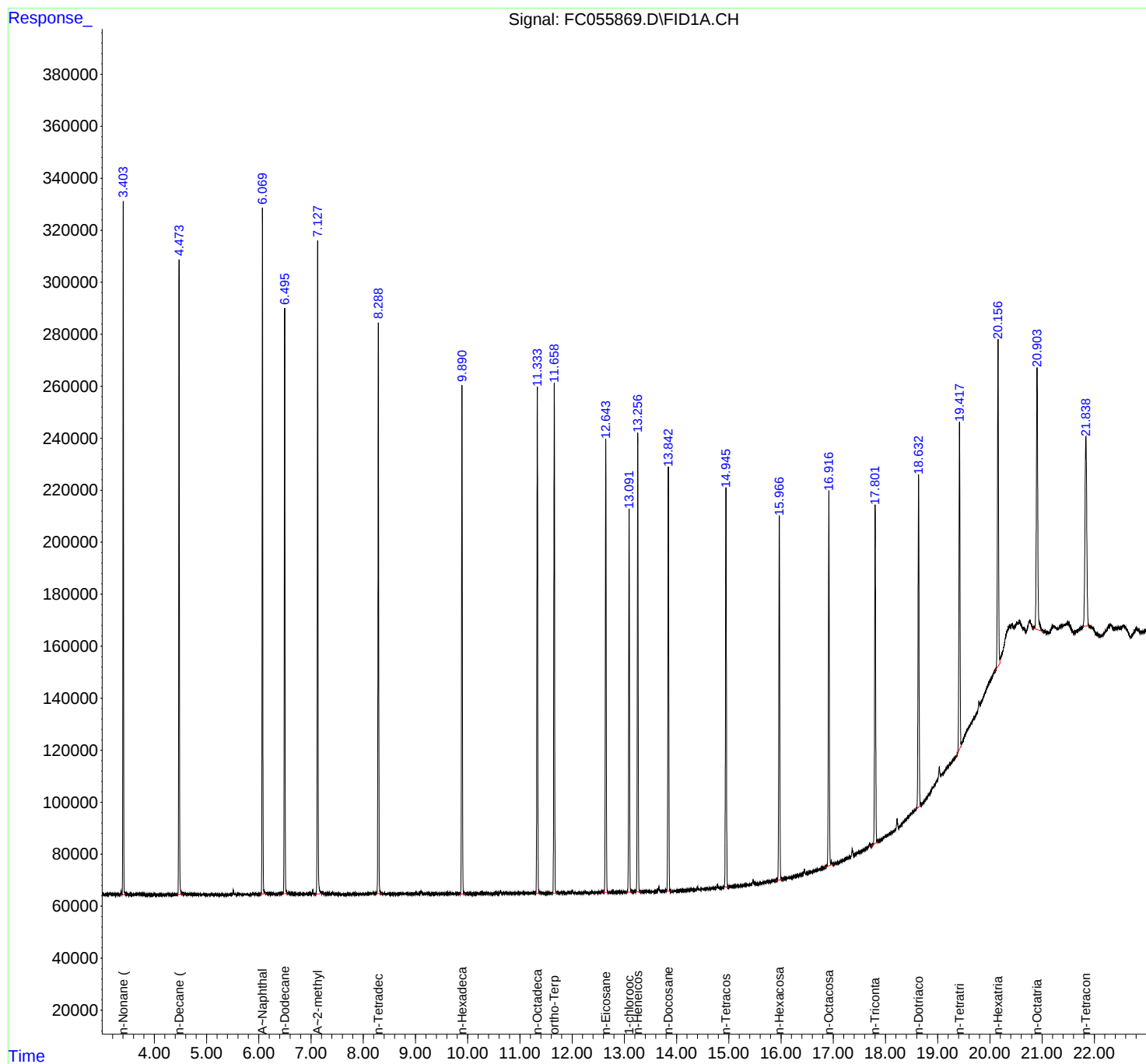
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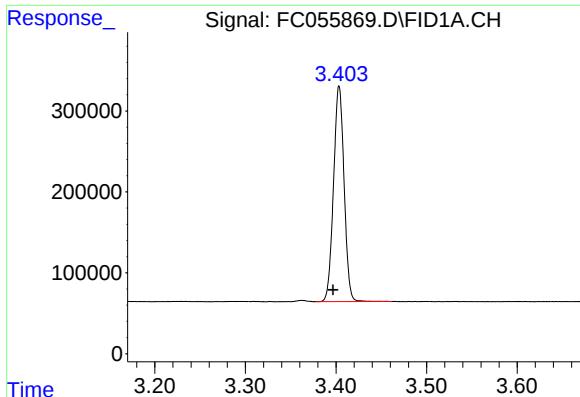
(m)=manual int.

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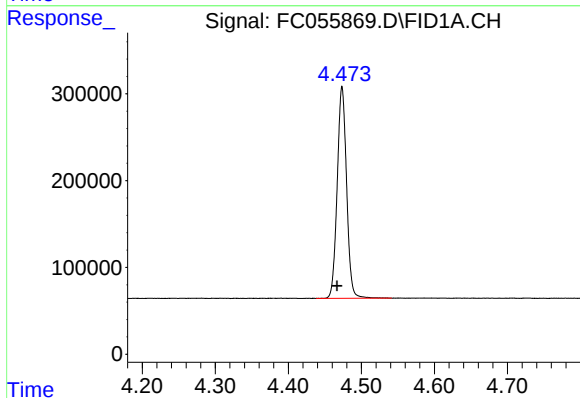
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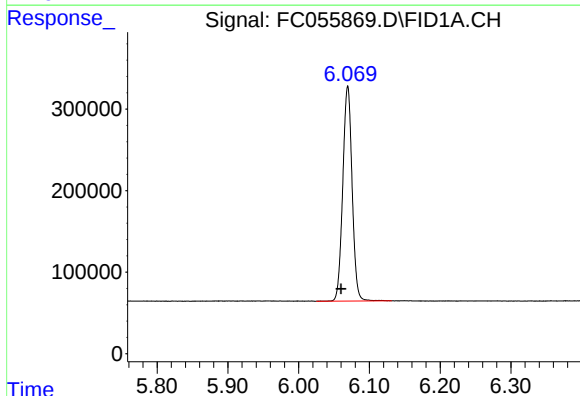
#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: 0.007 min
Response: 2159421
Conc: 19.43 ug/ml



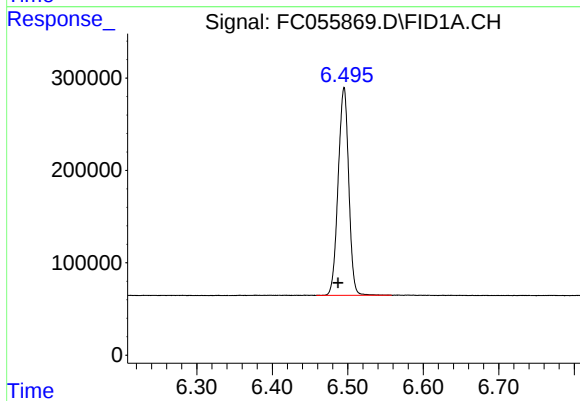
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.007 min
Response: 2177578
Conc: 19.44 ug/ml



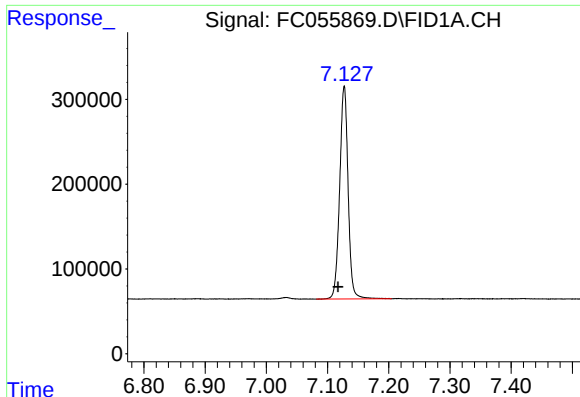
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: 0.009 min
Response: 2416905
Conc: 19.25 ug/ml



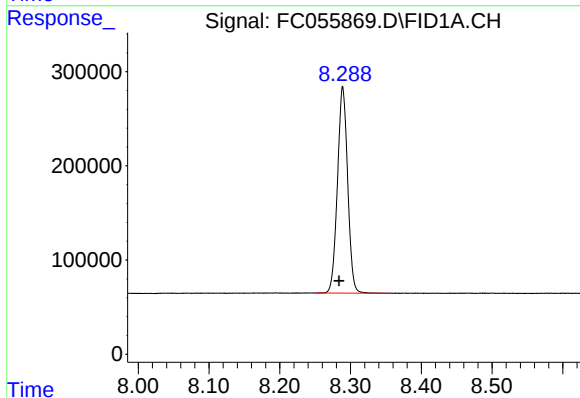
#4 n-Dodecane (C12)

R.T.: 6.495 min
Delta R.T.: 0.007 min
Response: 2188196
Conc: 19.55 ug/ml



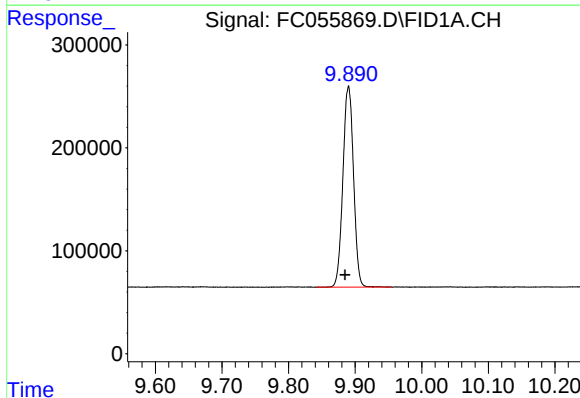
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: 0.010 min
Response: 2410167
Conc: 19.06 ug/ml



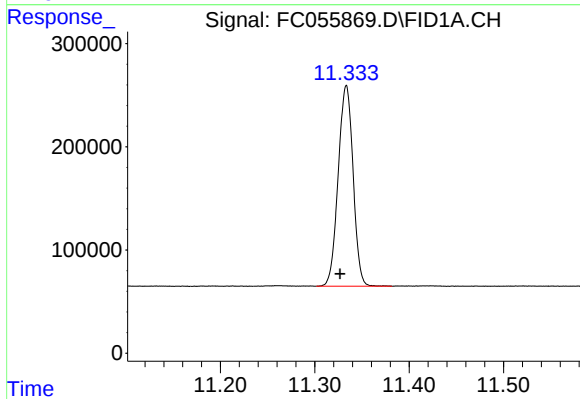
#6 n-Tetradecane (C14)

R.T.: 8.289 min
Delta R.T.: 0.005 min
Response: 2196582
Conc: 19.41 ug/ml



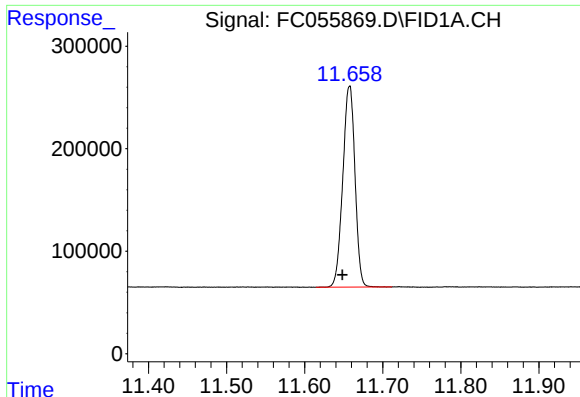
#7 n-Hexadecane (C16)

R.T.: 9.890 min
Delta R.T.: 0.005 min
Response: 2165577
Conc: 18.95 ug/ml



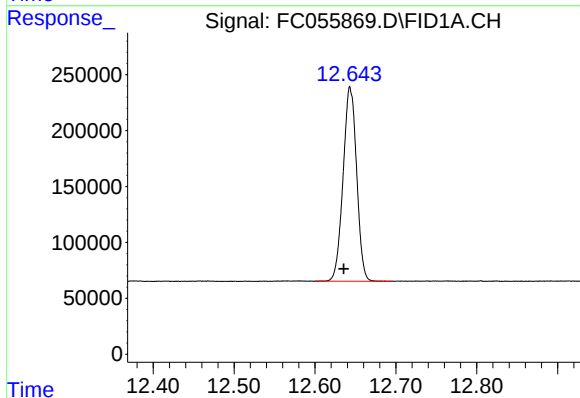
#8 n-Octadecane (C18)

R.T.: 11.333 min
Delta R.T.: 0.006 min
Response: 2132267
Conc: 17.97 ug/ml



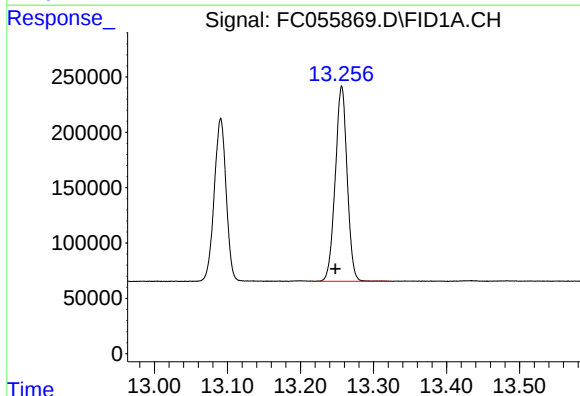
#9 ortho-Terphenyl (SURR)

R.T.: 11.657 min
Delta R.T.: 0.009 min
Response: 2129120
Conc: 16.86 ug/ml



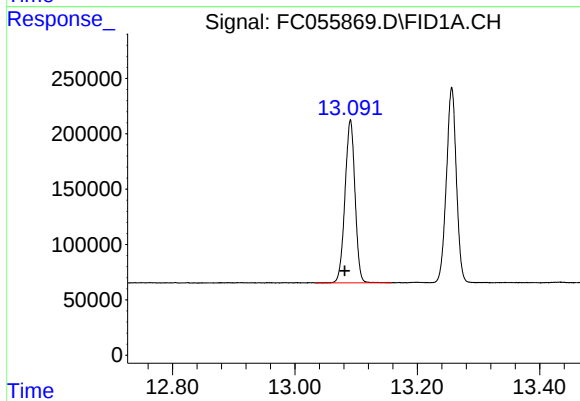
#10 n-Eicosane (C20)

R.T.: 12.644 min
Delta R.T.: 0.008 min
Response: 2020580
Conc: 17.12 ug/ml



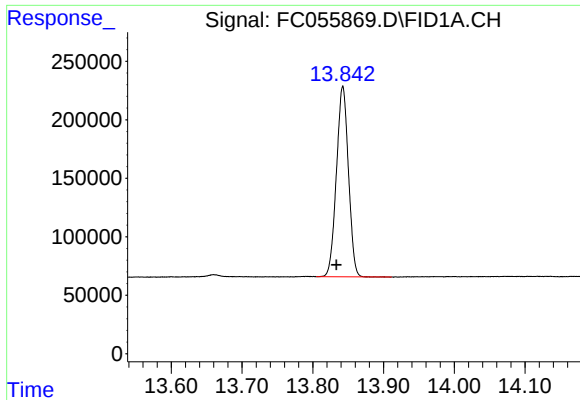
#11 n-Heneicosane (C21)

R.T.: 13.256 min
Delta R.T.: 0.009 min
Response: 1994116
Conc: 16.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.091 min
Delta R.T.: 0.009 min
Response: 1668602
Conc: 16.89 ug/ml



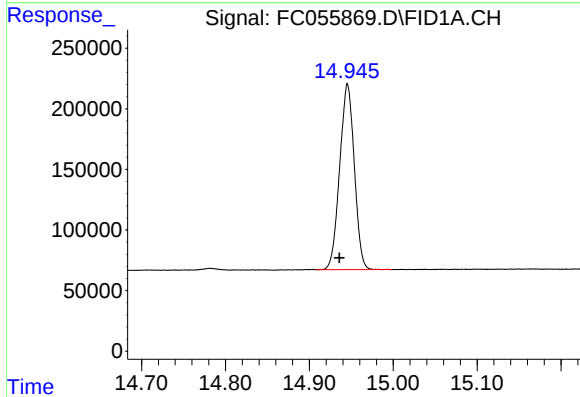
#13 n-Docosane (C22)

R.T.: 13.842 min

Delta R.T.: 0.009 min

Response: 1918816

Conc: 16.20 ug/ml



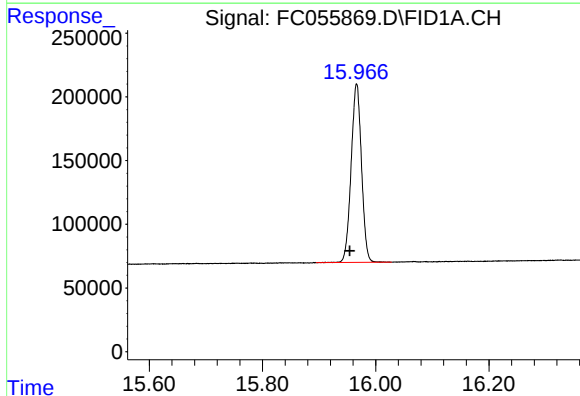
#14 n-Tetracosane (C24)

R.T.: 14.946 min

Delta R.T.: 0.010 min

Response: 1856234

Conc: 15.69 ug/ml



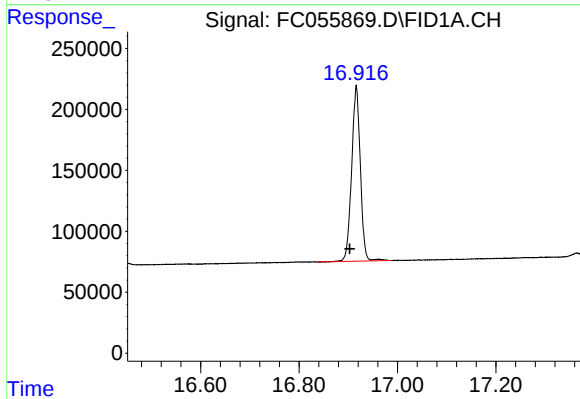
#15 n-Hexacosane (C26)

R.T.: 15.966 min

Delta R.T.: 0.012 min

Response: 1778393

Conc: 15.61 ug/ml



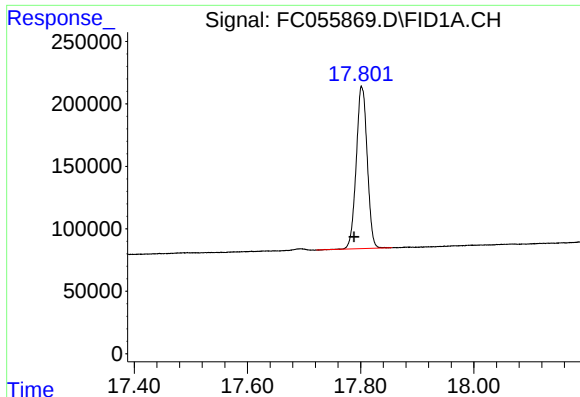
#16 n-Octacosane (C28)

R.T.: 16.916 min

Delta R.T.: 0.013 min

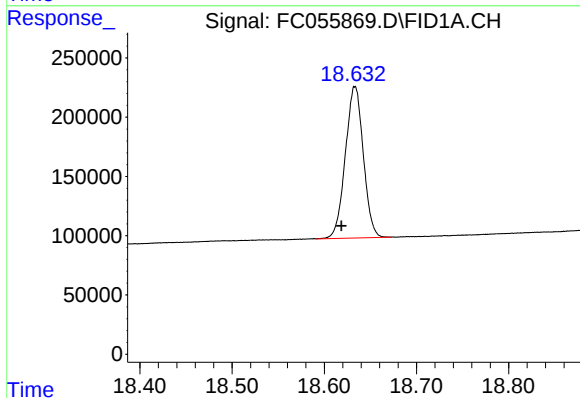
Response: 1763825

Conc: 16.22 ug/ml



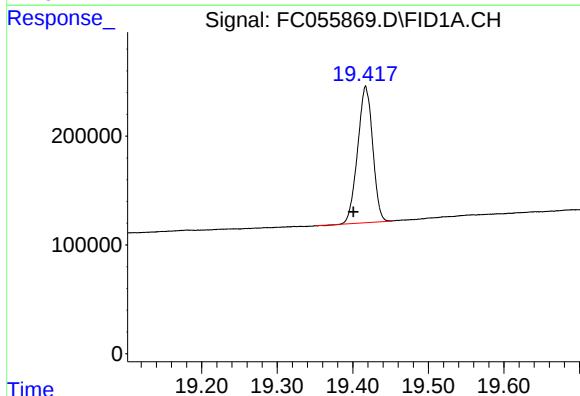
#17 n-Tricontane (C30)

R.T.: 17.802 min
Delta R.T.: 0.014 min
Response: 1747117
Conc: 17.27 ug/ml



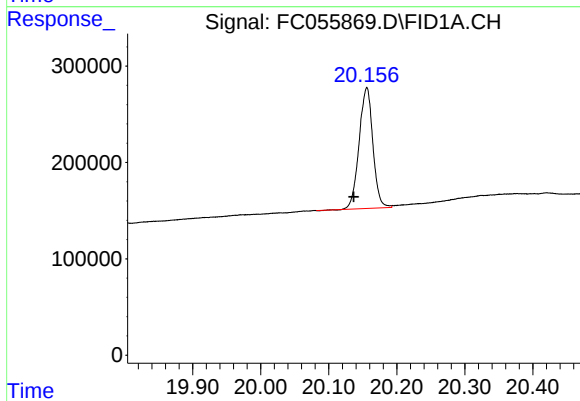
#18 n-Dotriacontane (C32)

R.T.: 18.632 min
Delta R.T.: 0.013 min
Response: 1732052
Conc: 18.96 ug/ml m



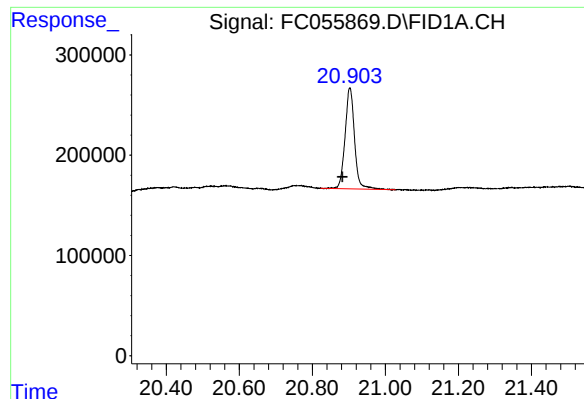
#19 n-Tetratriacontane (C34)

R.T.: 19.417 min
Delta R.T.: 0.016 min
Response: 1734231
Conc: 20.08 ug/ml



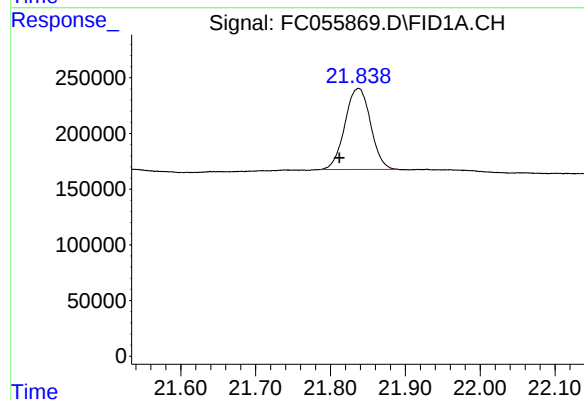
#20 n-Hexatriacontane (C36)

R.T.: 20.156 min
Delta R.T.: 0.019 min
Response: 1764711
Conc: 20.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.903 min
Delta R.T.: 0.021 min
Response: 1816241
Conc: 23.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.838 min
Delta R.T.: 0.026 min
Response: 1727836
Conc: 24.67 ug/ml m