

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC093021AL\
 Data File : FC055923.D
 Signal(s) : FID1A.CH
 Acq On : 30 Sep 2021 11:11
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 30 13:04:45 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)	11.650	2177134	18.348 ug/ml
Spiked Amount 50.000		Recovery =	36.70%
12) S 1-chlorooctadecane (S...	13.082	1670526	18.183 ug/ml
Spiked Amount 50.000		Recovery =	36.37%
Target Compounds			
1) T n-Nonane (C9)	3.400	2132656	19.985 ug/ml
2) T n-Decane (C10)	4.470	2142908	20.047 ug/ml
3) T A~Naphthalene (C11.7)	6.064	2396941	19.921 ug/ml
4) T n-Dodecane (C12)	6.491	2167475	19.969 ug/ml
5) T A~2-methylnaphthalene...	7.122	2386700	19.648 ug/ml
6) T n-Tetradecane (C14)	8.286	2157210	19.498 ug/ml
7) T n-Hexadecane (C16)	9.886	2111767	19.078 ug/ml
8) T n-Octadecane (C18)	11.327	2094508	18.714 ug/ml
10) T n-Eicosane (C20)	12.637	2009930	18.401 ug/ml
11) T n-Heneicosane (C21)	13.248	1990375	18.307 ug/ml
13) T n-Docosane (C22)	13.834	1940665	18.171 ug/ml
14) T n-Tetracosane (C24)	14.936	1887044	18.046 ug/ml
15) T n-Hexacosane (C26)	15.955	1813679	18.051 ug/ml
16) T n-Octacosane (C28)	16.904	1770418	18.303 ug/ml
17) T n-Tricontane (C30)	17.789	1736783	18.718 ug/ml
18) T n-Dotriacontane (C32)	18.621	1718092	19.325 ug/ml
19) T n-Tetratriacontane (C34)	19.402	1691148	19.553 ug/ml
20) T n-Hexatriacontane (C36)	20.140	2201518	26.946 ug/ml
21) T n-Octatriacontane (C38)	20.884	1824530	22.896 ug/ml
22) T n-Tetracontane (C40)	21.813	1798073	22.431 ug/ml

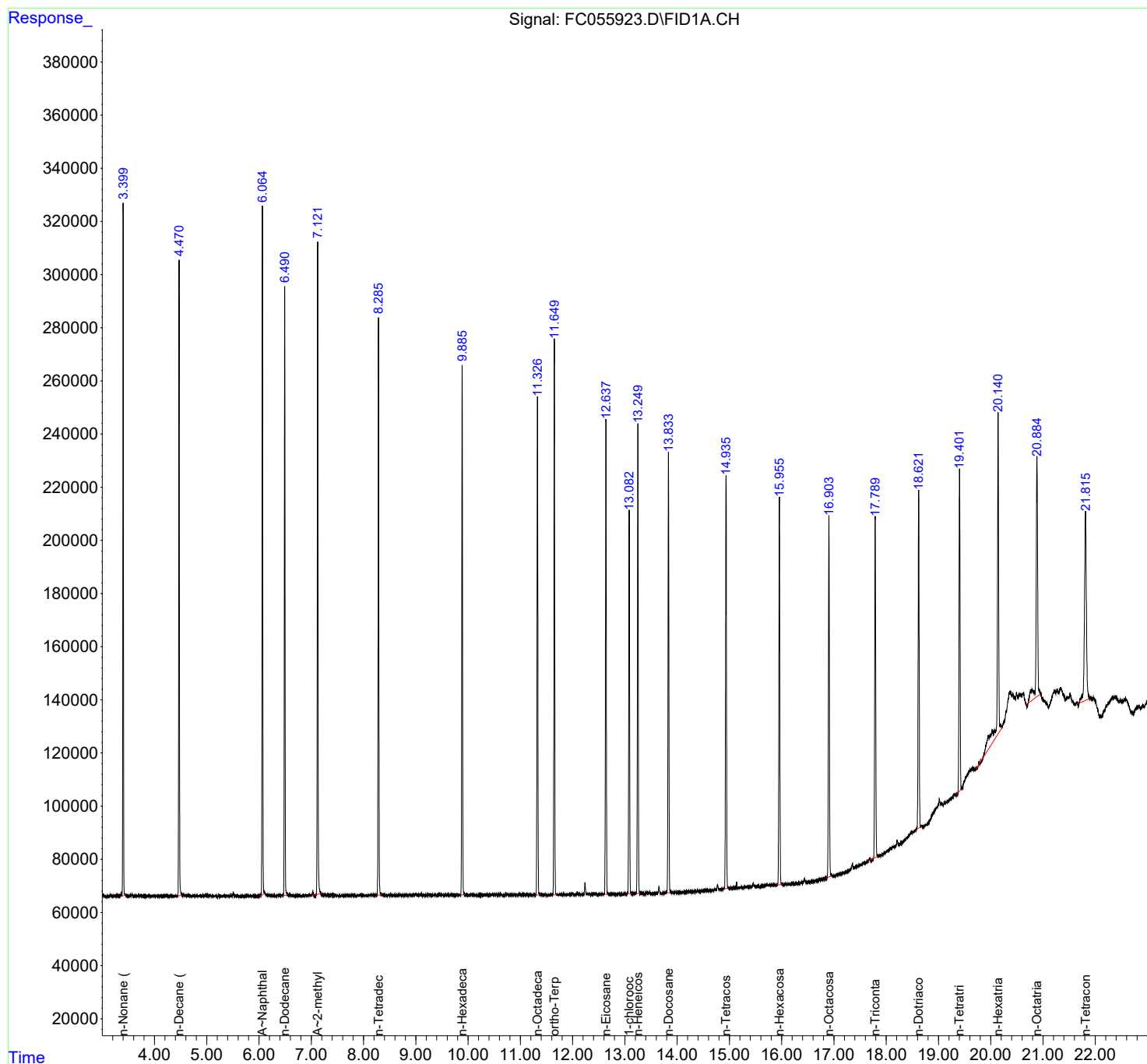
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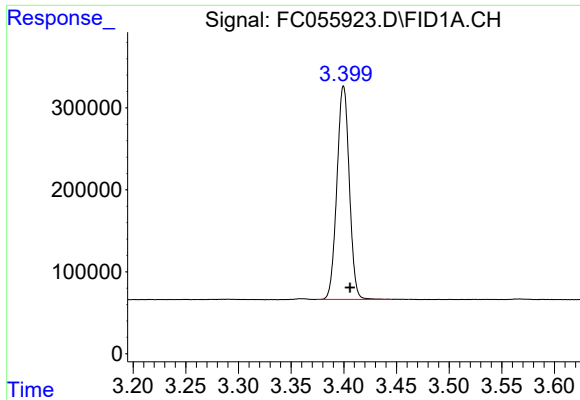
(m)=manual int.

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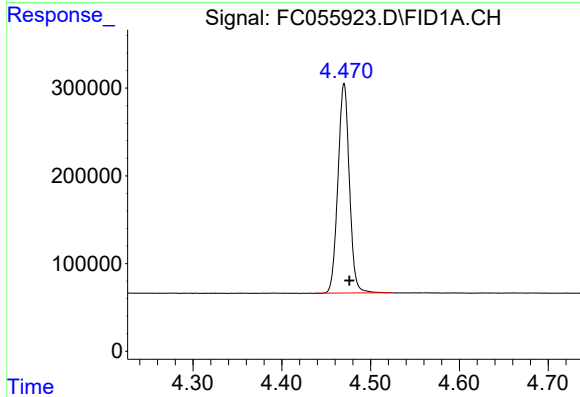
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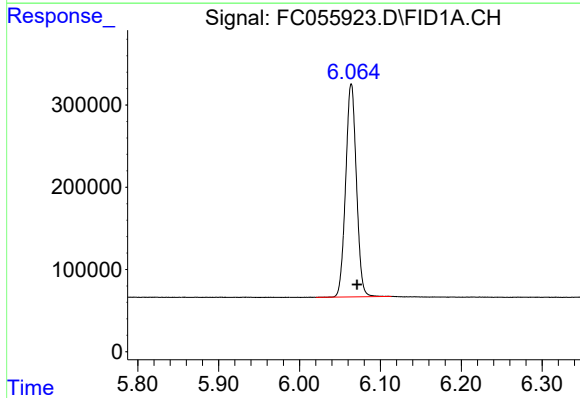
#1 n-Nonane (C9)

R.T.: 3.400 min
Delta R.T.: -0.006 min
Response: 2132656
Conc: 19.99 ug/ml



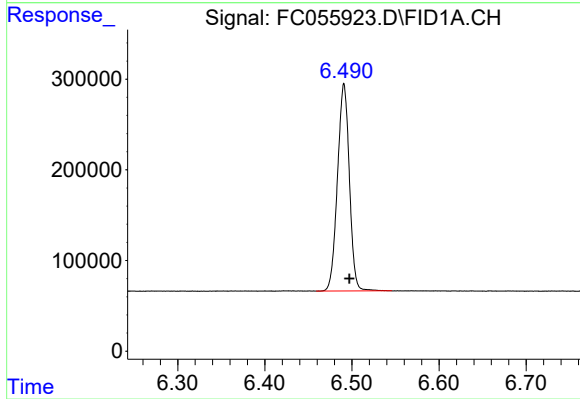
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: -0.006 min
Response: 2142908
Conc: 20.05 ug/ml



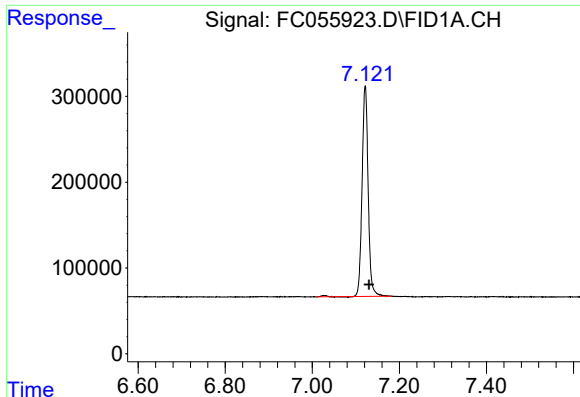
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min
Delta R.T.: -0.007 min
Response: 2396941
Conc: 19.92 ug/ml



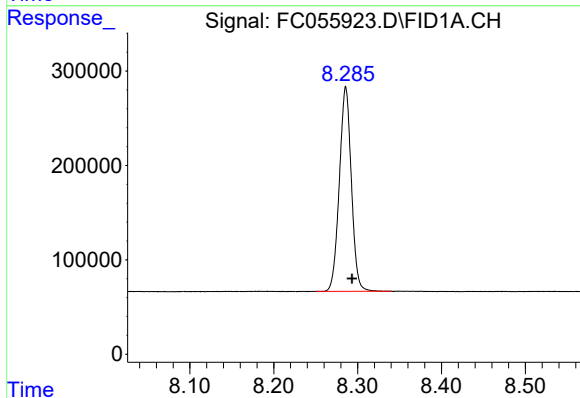
#4 n-Dodecane (C12)

R.T.: 6.491 min
Delta R.T.: -0.007 min
Response: 2167475
Conc: 19.97 ug/ml



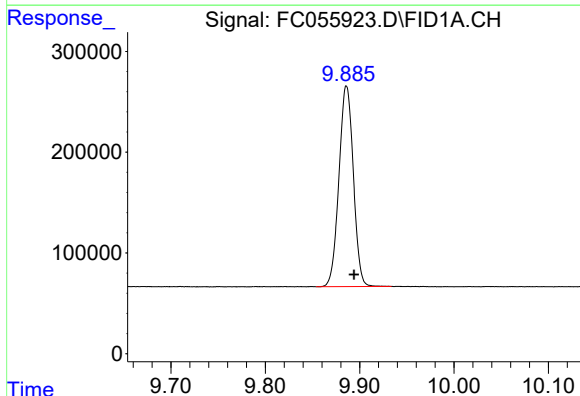
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: -0.009 min
Response: 2386700
Conc: 19.65 ug/ml



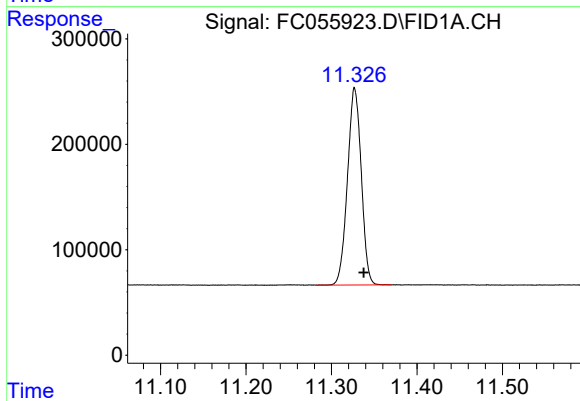
#6 n-Tetradecane (C14)

R.T.: 8.286 min
Delta R.T.: -0.008 min
Response: 2157210
Conc: 19.50 ug/ml



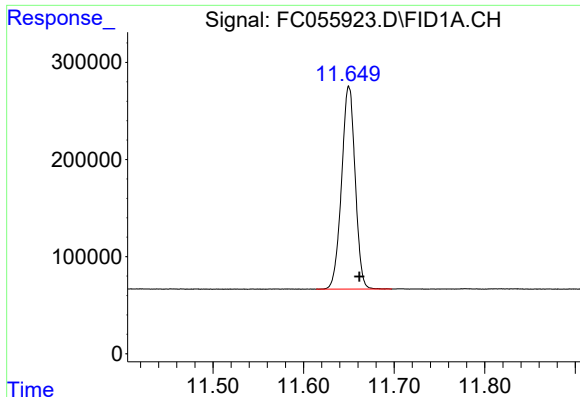
#7 n-Hexadecane (C16)

R.T.: 9.886 min
Delta R.T.: -0.008 min
Response: 2111767
Conc: 19.08 ug/ml



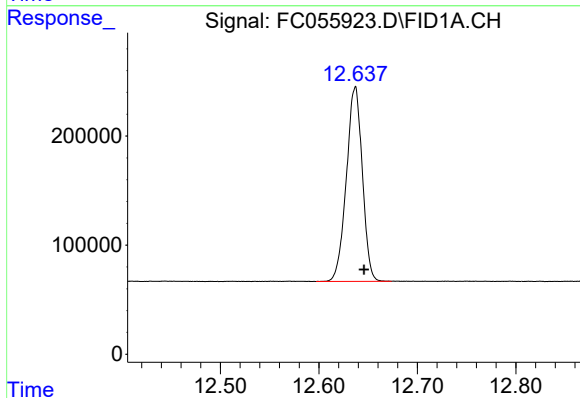
#8 n-Octadecane (C18)

R.T.: 11.327 min
Delta R.T.: -0.010 min
Response: 2094508
Conc: 18.71 ug/ml



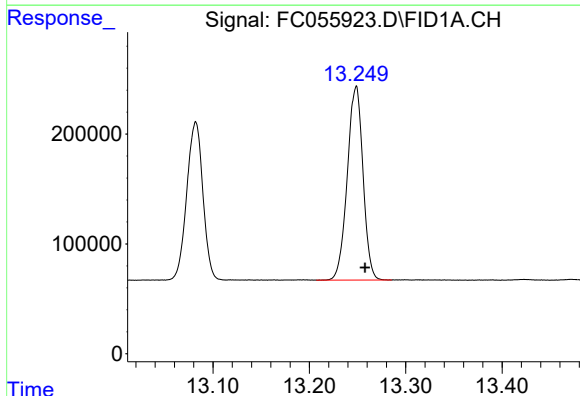
#9 ortho-Terphenyl (SURR)

R.T.: 11.650 min
Delta R.T.: -0.012 min
Response: 2177134
Conc: 18.35 ug/ml



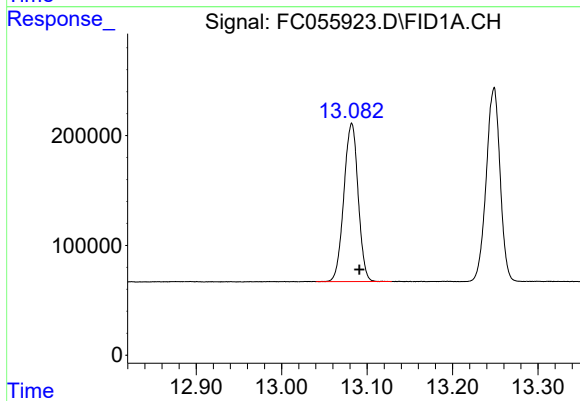
#10 n-Eicosane (C20)

R.T.: 12.637 min
Delta R.T.: -0.009 min
Response: 2009930
Conc: 18.40 ug/ml



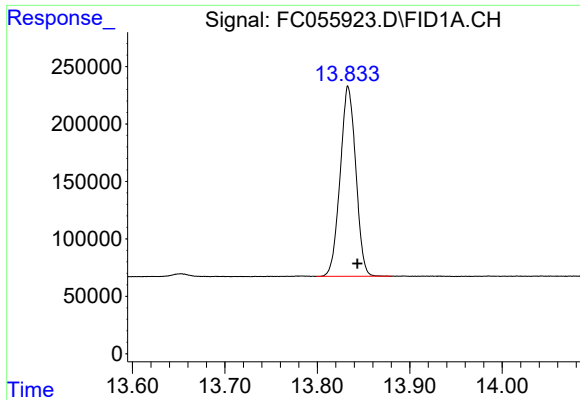
#11 n-Heneicosane (C21)

R.T.: 13.248 min
Delta R.T.: -0.010 min
Response: 1990375
Conc: 18.31 ug/ml



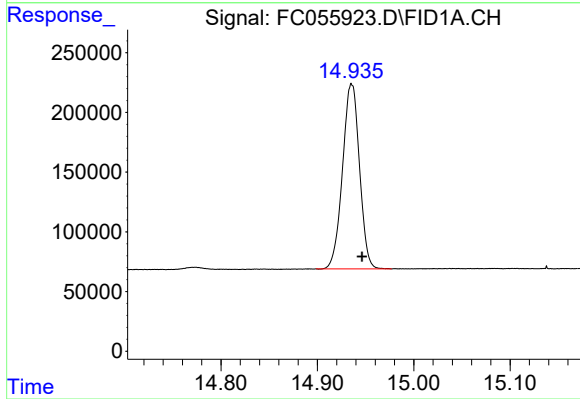
#12 1-chlorooctadecane (SURR)

R.T.: 13.082 min
Delta R.T.: -0.009 min
Response: 1670526
Conc: 18.18 ug/ml



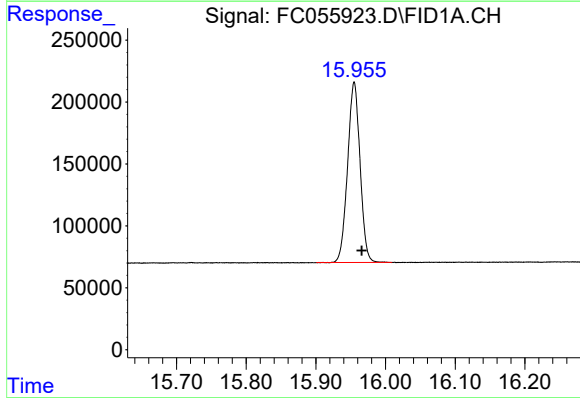
#13 n-Docosane (C22)

R.T.: 13.834 min
Delta R.T.: -0.010 min
Response: 1940665
Conc: 18.17 ug/ml



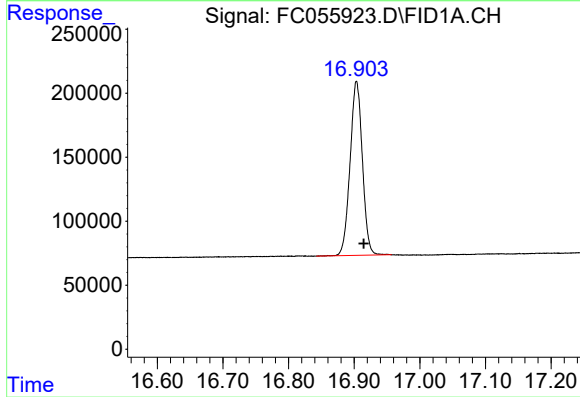
#14 n-Tetracosane (C24)

R.T.: 14.936 min
Delta R.T.: -0.011 min
Response: 1887044
Conc: 18.05 ug/ml



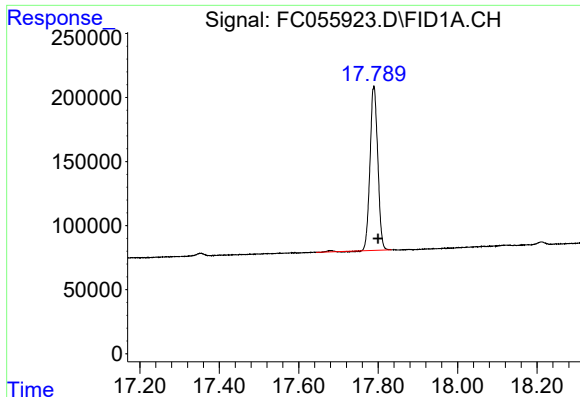
#15 n-Hexacosane (C26)

R.T.: 15.955 min
Delta R.T.: -0.011 min
Response: 1813679
Conc: 18.05 ug/ml



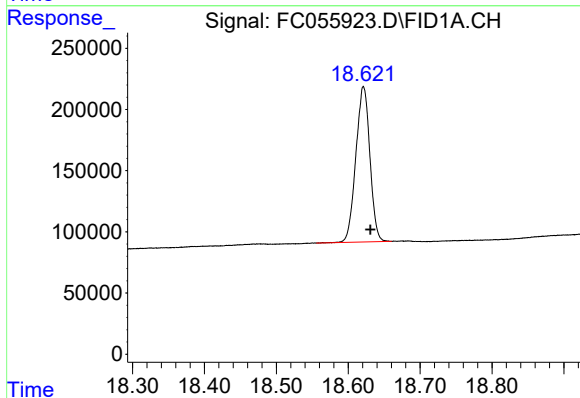
#16 n-Octacosane (C28)

R.T.: 16.904 min
Delta R.T.: -0.011 min
Response: 1770418
Conc: 18.30 ug/ml



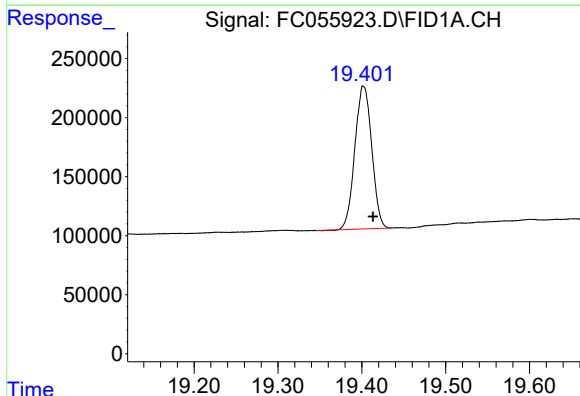
#17 n-Tricontane (C30)

R.T.: 17.789 min
Delta R.T.: -0.011 min
Response: 1736783
Conc: 18.72 ug/ml



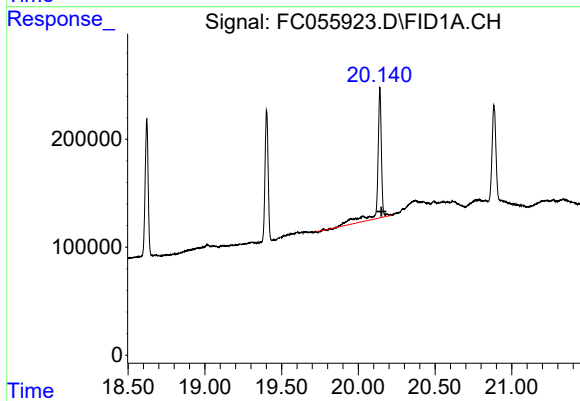
#18 n-Dotriacontane (C32)

R.T.: 18.621 min
Delta R.T.: -0.010 min
Response: 1718092
Conc: 19.32 ug/ml



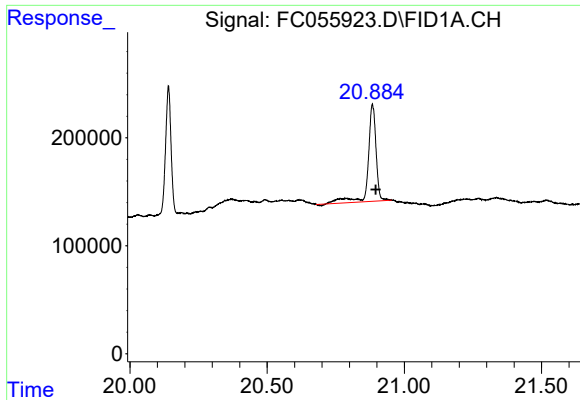
#19 n-Tetratriacontane (C34)

R.T.: 19.402 min
Delta R.T.: -0.011 min
Response: 1691148
Conc: 19.55 ug/ml



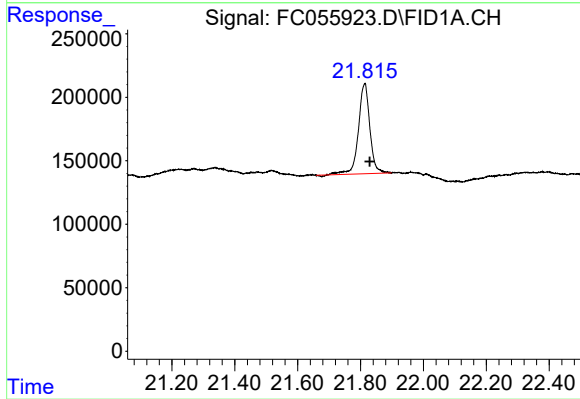
#20 n-Hexatriacontane (C36)

R.T.: 20.140 min
Delta R.T.: -0.010 min
Response: 2201518
Conc: 26.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.884 min
Delta R.T.: -0.011 min
Response: 1824530
Conc: 22.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.813 min
Delta R.T.: -0.016 min
Response: 1798073
Conc: 22.43 ug/ml