

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092321AL\
 Data File : FC055804.D
 Signal(s) : FID1A.CH
 Acq On : 24 Sep 2021 1:09
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 24 01:41:42 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)	11.649	2294119	18.167 ug/ml
Spiked Amount 50.000		Recovery =	36.33%
12) S 1-chlorooctadecane (S...	13.083	1785195	18.067 ug/ml
Spiked Amount 50.000		Recovery =	36.13%
Target Compounds			
1) T n-Nonane (C9)	3.399	2169579	19.522 ug/ml
2) T n-Decane (C10)	4.467	2223766	19.853 ug/ml
3) T A~Naphthalene (C11.7)	6.059	2495941	19.882 ug/ml
4) T n-Dodecane (C12)	6.488	2254359	20.146 ug/ml
5) T A~2-methylnaphthalene...	7.117	2500902	19.780 ug/ml
6) T n-Tetradecane (C14)	8.284	2277498	20.120 ug/ml
7) T n-Hexadecane (C16)	9.885	2260141	19.782 ug/ml
8) T n-Octadecane (C18)	11.328	2256624	19.018 ug/ml
10) T n-Eicosane (C20)	12.637	2156020	18.265 ug/ml
11) T n-Heneicosane (C21)	13.249	2136974	17.912 ug/ml
13) T n-Docosane (C22)	13.834	2086785	17.614 ug/ml
14) T n-Tetracosane (C24)	14.937	2001769	16.917 ug/ml
15) T n-Hexacosane (C26)	15.957	1898487	16.661 ug/ml
16) T n-Octacosane (C28)	16.905	1844892	16.961 ug/ml
17) T n-Tricontane (C30)	17.792	1799059	17.784 ug/ml
18) T n-Dotriacontane (C32)	18.623	1751004	19.163 ug/ml
19) T n-Tetratriacontane (C34)	19.405	1719774	19.915 ug/ml
20) T n-Hexatriacontane (C36)	20.142	1704581	20.042 ug/ml
21) T n-Octatriacontane (C38)	20.887	1874365	24.623 ug/ml
22) T n-Tetracontane (C40)	21.815	1755965	25.069 ug/ml

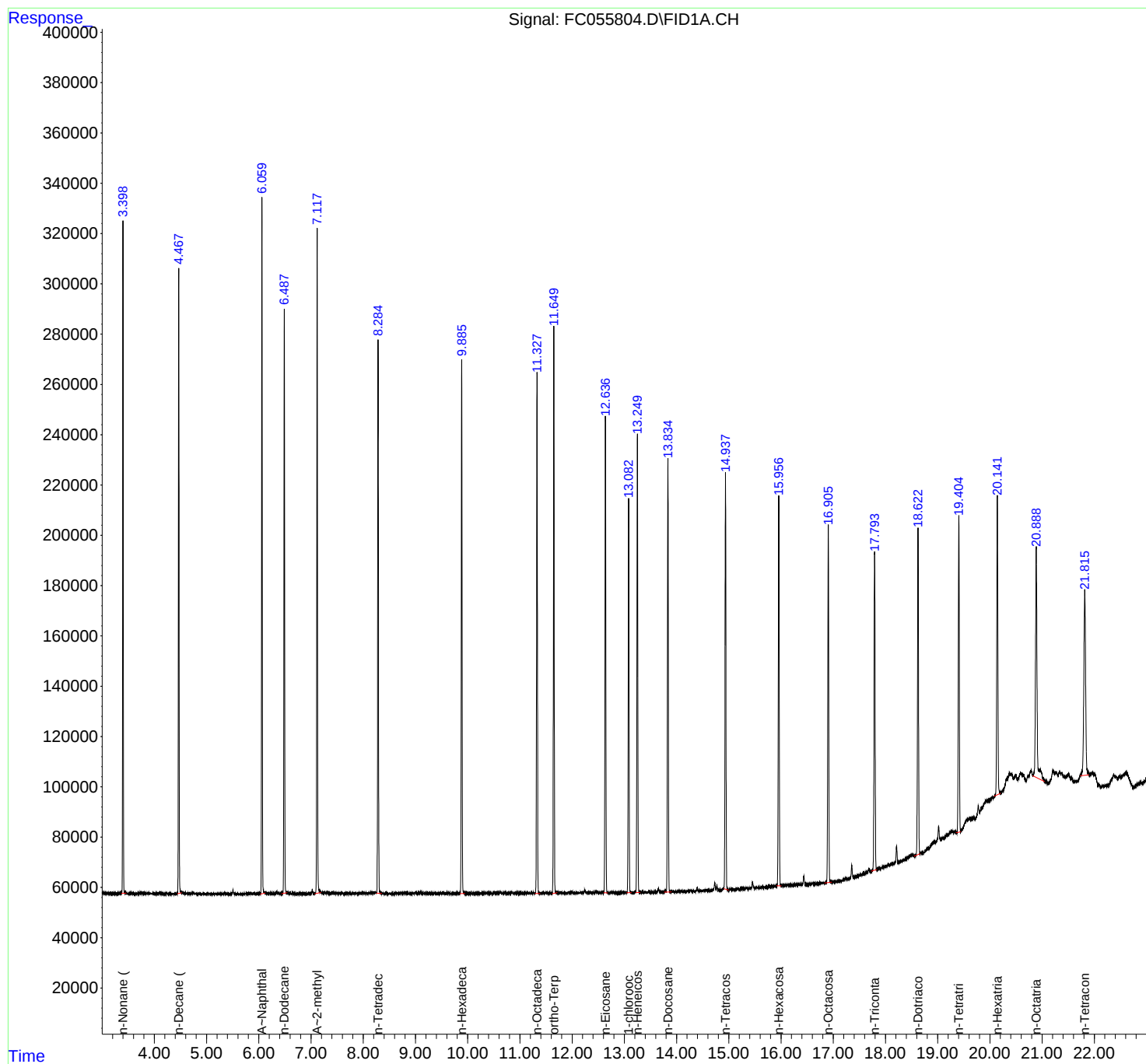
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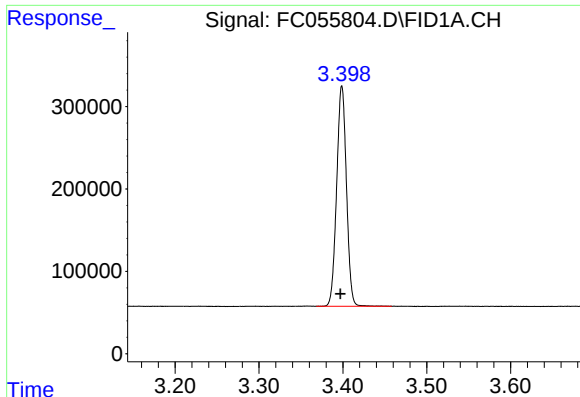
(m)=manual int.

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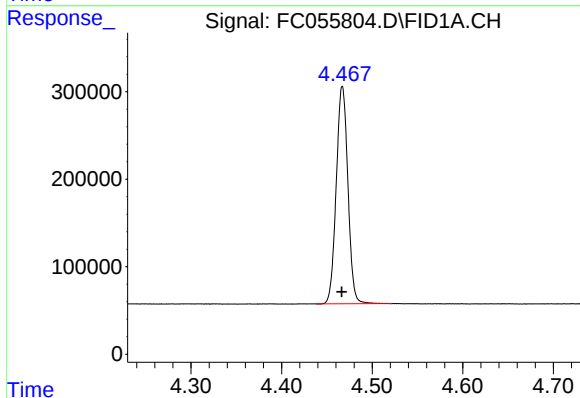
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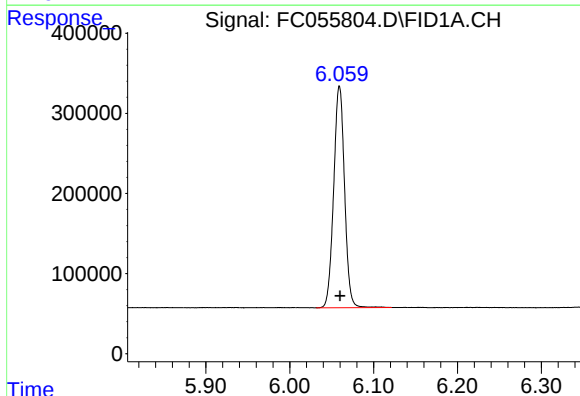
#1 n-Nonane (C9)

R.T.: 3.399 min
Delta R.T.: 0.002 min
Response: 2169579
Conc: 19.52 ug/ml



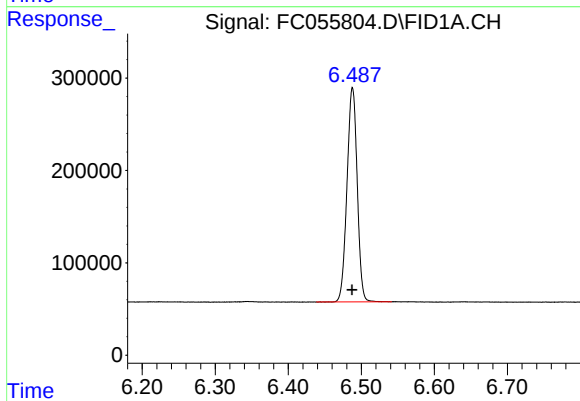
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 2223766
Conc: 19.85 ug/ml



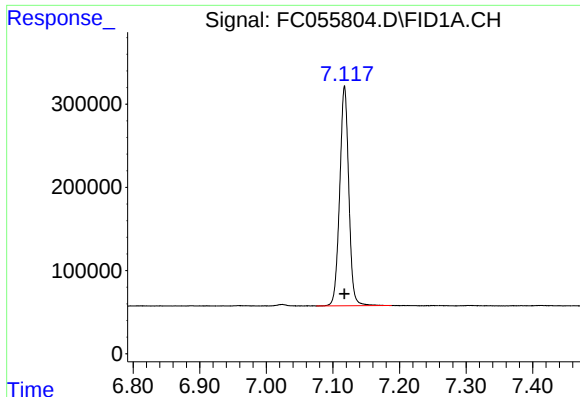
#3 A~Naphthalene (C11.7)

R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 2495941
Conc: 19.88 ug/ml



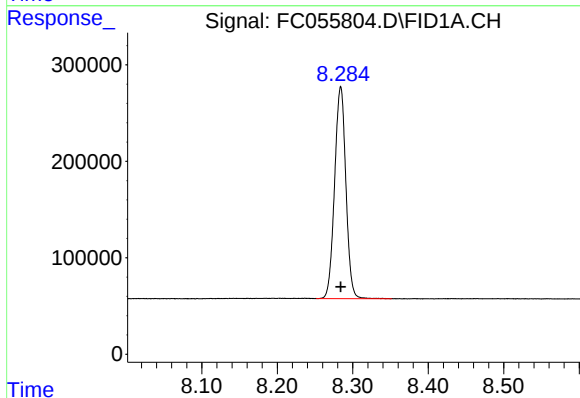
#4 n-Dodecane (C12)

R.T.: 6.488 min
Delta R.T.: 0.000 min
Response: 2254359
Conc: 20.15 ug/ml



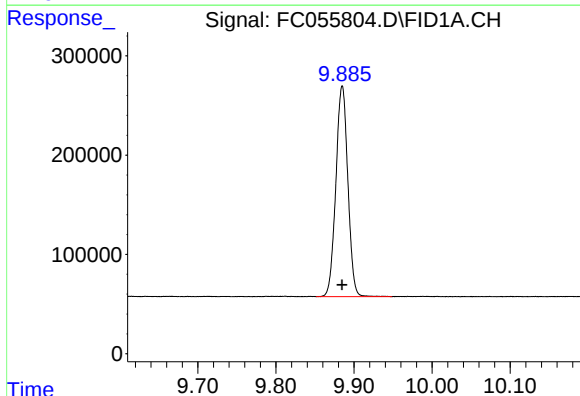
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 2500902
Conc: 19.78 ug/ml



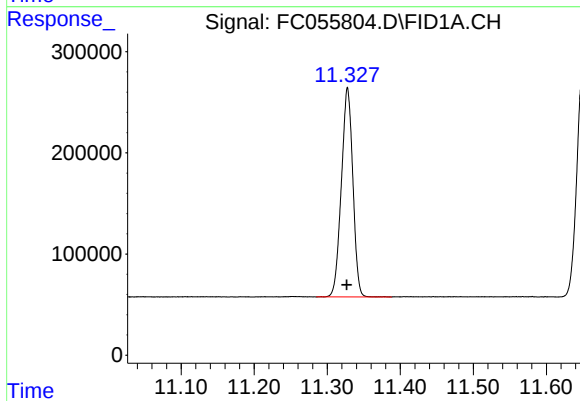
#6 n-Tetradecane (C14)

R.T.: 8.284 min
Delta R.T.: 0.000 min
Response: 2277498
Conc: 20.12 ug/ml



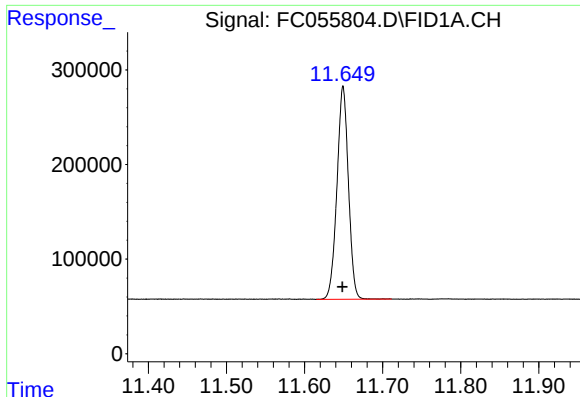
#7 n-Hexadecane (C16)

R.T.: 9.885 min
Delta R.T.: 0.000 min
Response: 2260141
Conc: 19.78 ug/ml



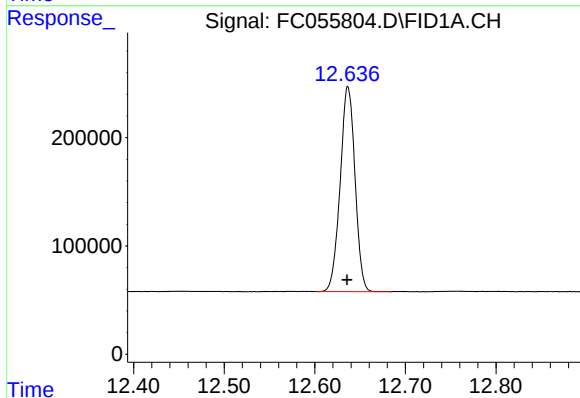
#8 n-Octadecane (C18)

R.T.: 11.328 min
Delta R.T.: 0.000 min
Response: 2256624
Conc: 19.02 ug/ml



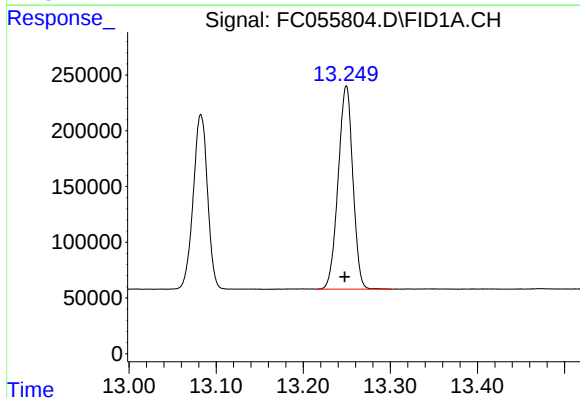
#9 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: 0.000 min
Response: 2294119
Conc: 18.17 ug/ml



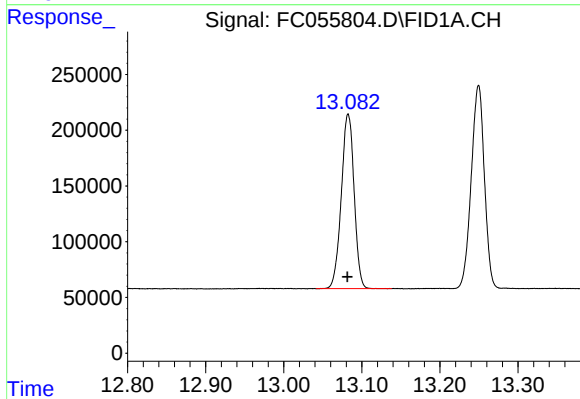
#10 n-Eicosane (C20)

R.T.: 12.637 min
Delta R.T.: 0.001 min
Response: 2156020
Conc: 18.27 ug/ml



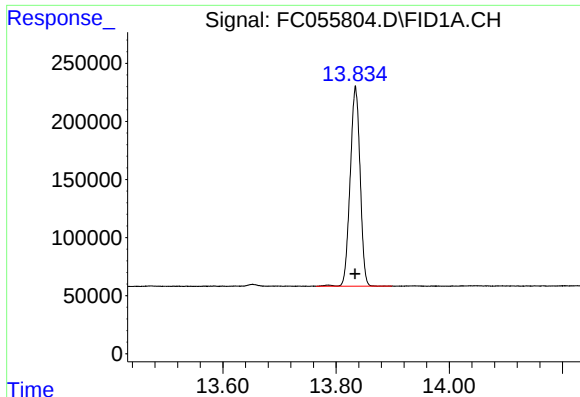
#11 n-Heneicosane (C21)

R.T.: 13.249 min
Delta R.T.: 0.002 min
Response: 2136974
Conc: 17.91 ug/ml



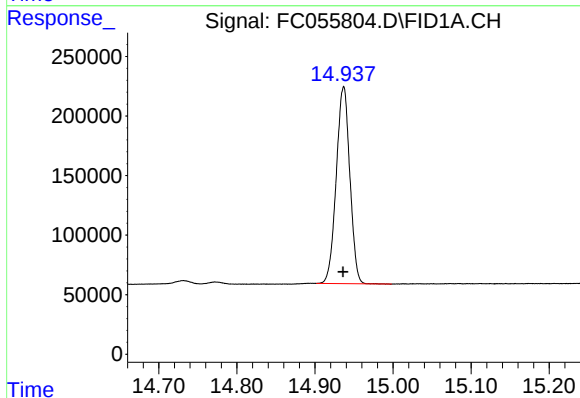
#12 1-chlorooctadecane (SURR)

R.T.: 13.083 min
Delta R.T.: 0.000 min
Response: 1785195
Conc: 18.07 ug/ml



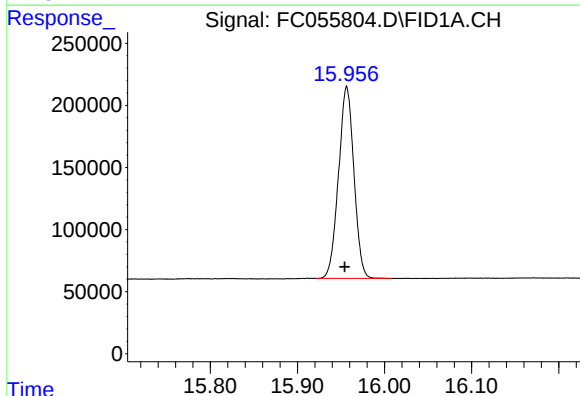
#13 n-Docosane (C22)

R.T.: 13.834 min
Delta R.T.: 0.000 min
Response: 2086785
Conc: 17.61 ug/ml



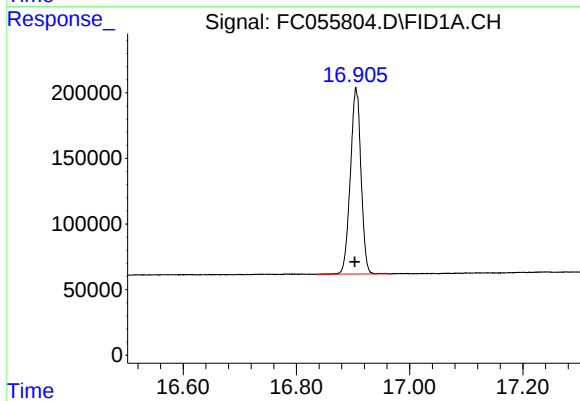
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: 0.000 min
Response: 2001769
Conc: 16.92 ug/ml



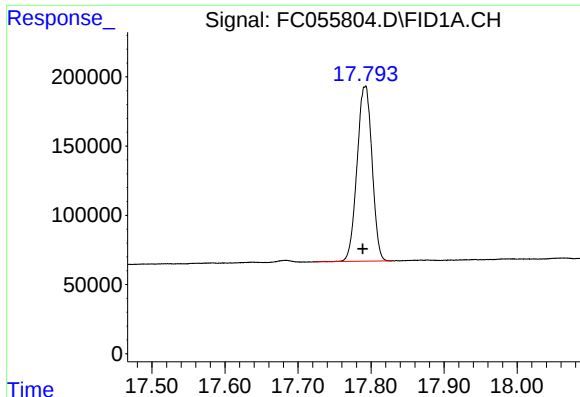
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: 0.002 min
Response: 1898487
Conc: 16.66 ug/ml



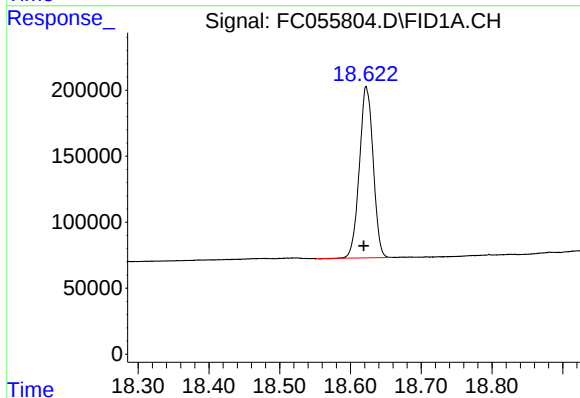
#16 n-Octacosane (C28)

R.T.: 16.905 min
Delta R.T.: 0.002 min
Response: 1844892
Conc: 16.96 ug/ml



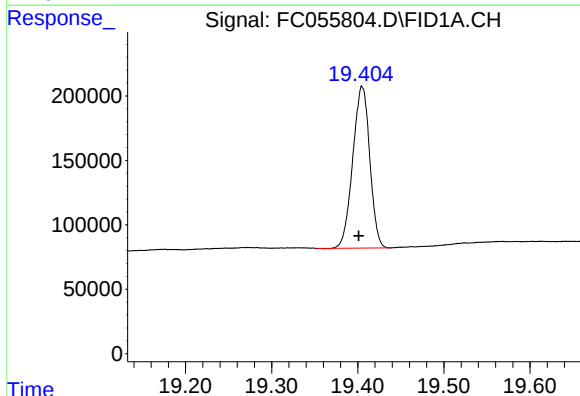
#17 n-Tricontane (C30)

R.T.: 17.792 min
Delta R.T.: 0.003 min
Response: 1799059
Conc: 17.78 ug/ml



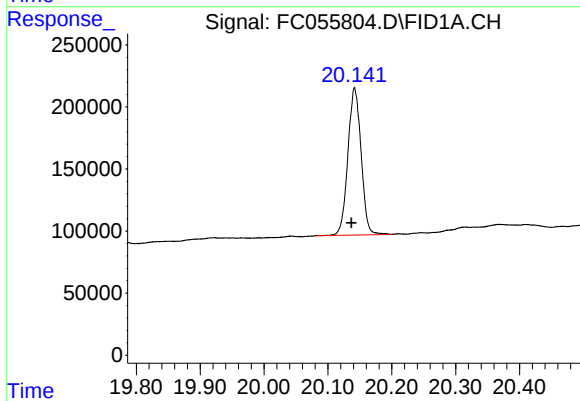
#18 n-Dotriacontane (C32)

R.T.: 18.623 min
Delta R.T.: 0.004 min
Response: 1751004
Conc: 19.16 ug/ml



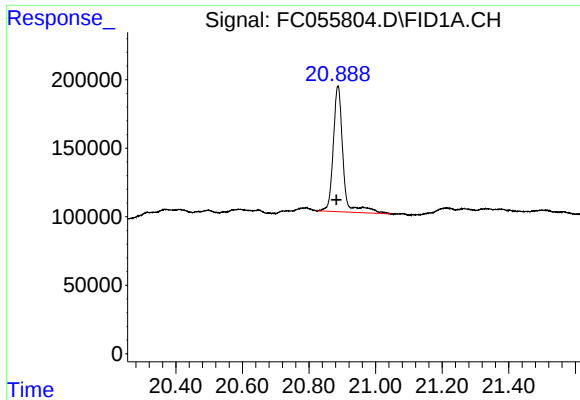
#19 n-Tetratriacontane (C34)

R.T.: 19.405 min
Delta R.T.: 0.004 min
Response: 1719774
Conc: 19.91 ug/ml



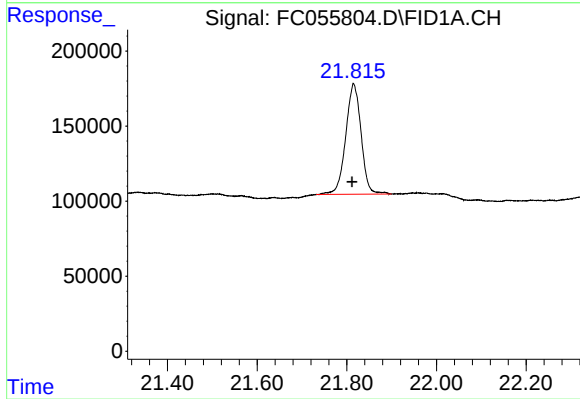
#20 n-Hexatriacontane (C36)

R.T.: 20.142 min
Delta R.T.: 0.005 min
Response: 1704581
Conc: 20.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.887 min
Delta R.T.: 0.005 min
Response: 1874365
Conc: 24.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.815 min
Delta R.T.: 0.004 min
Response: 1755965
Conc: 25.07 ug/ml