

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101321AL\
 Data File : FC056159.D
 Signal(s) : FID1A.CH
 Acq On : 13 Oct 2021 12:47
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 13 23:37:33 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)	11.635	1938830	16.339 ug/ml
Spiked Amount 50.000		Recovery =	32.68%
12) S 1-chlorooctadecane (S...	13.067	1503878	16.369 ug/ml
Spiked Amount 50.000		Recovery =	32.74%
Target Compounds			
1) T n-Nonane (C9)	3.385	2051825	19.228 ug/ml
2) T n-Decane (C10)	4.455	2045484	19.136 ug/ml
3) T A~Naphthalene (C11.7)	6.049	2191671	18.215 ug/ml
4) T n-Dodecane (C12)	6.476	2015947	18.573 ug/ml
5) T A~2-methylnaphthalene...	7.107	2136686	17.590 ug/ml
6) T n-Tetradecane (C14)	8.272	1965050	17.762 ug/ml
7) T n-Hexadecane (C16)	9.872	1910657	17.261 ug/ml
8) T n-Octadecane (C18)	11.313	1894840	16.930 ug/ml
10) T n-Eicosane (C20)	12.622	1811688	16.586 ug/ml
11) T n-Heneicosane (C21)	13.232	1798659	16.543 ug/ml
13) T n-Docosane (C22)	13.817	1764198	16.519 ug/ml
14) T n-Tetracosane (C24)	14.918	1748182	16.718 ug/ml
15) T n-Hexacosane (C26)	15.937	1708059	17.000 ug/ml
16) T n-Octacosane (C28)	16.885	1709808	17.676 ug/ml
17) T n-Tricontane (C30)	17.769	1736793	18.718 ug/ml
18) T n-Dotriacontane (C32)	18.599	1724060	19.392 ug/ml
19) T n-Tetratriacontane (C34)	19.379	1694264	19.589 ug/ml
20) T n-Hexatriacontane (C36)	20.115	1586849	19.422 ug/ml
21) T n-Octatriacontane (C38)	20.854	1441998	18.096 ug/ml
22) T n-Tetracontane (C40)	21.776	1391890	17.364 ug/ml

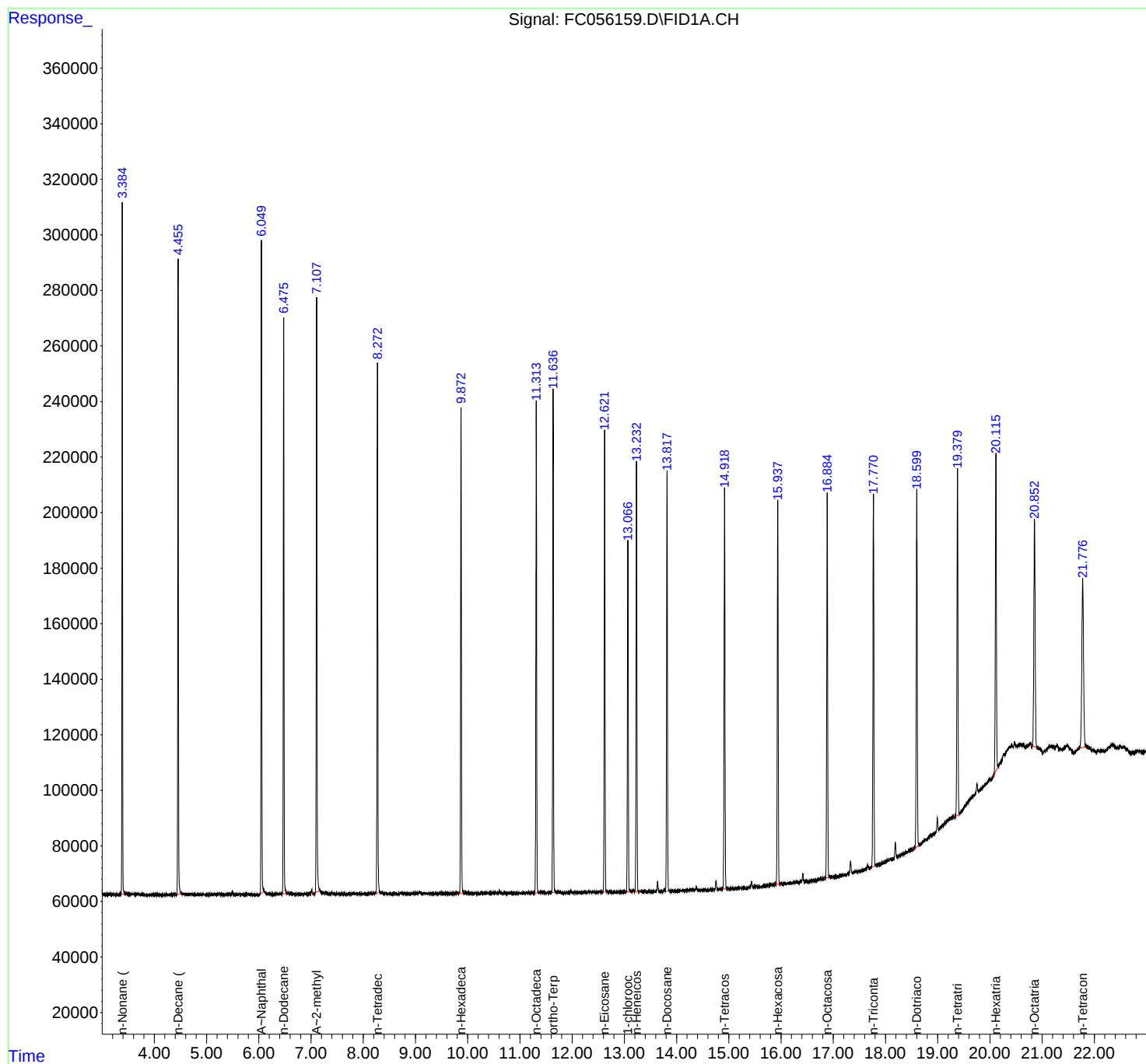
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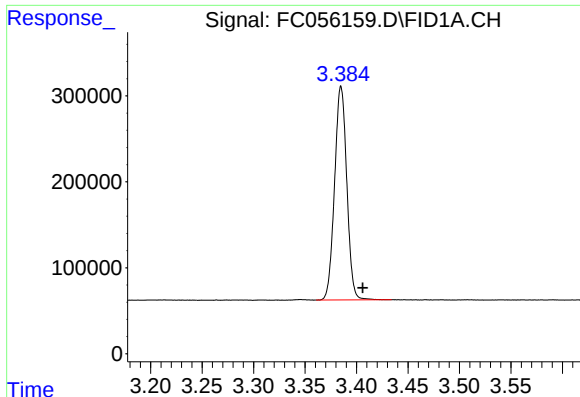
(m)=manual int.

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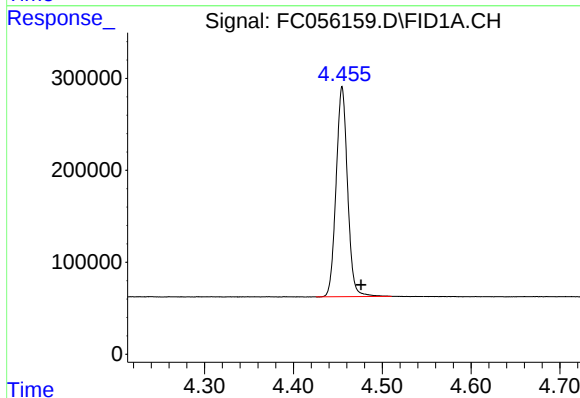
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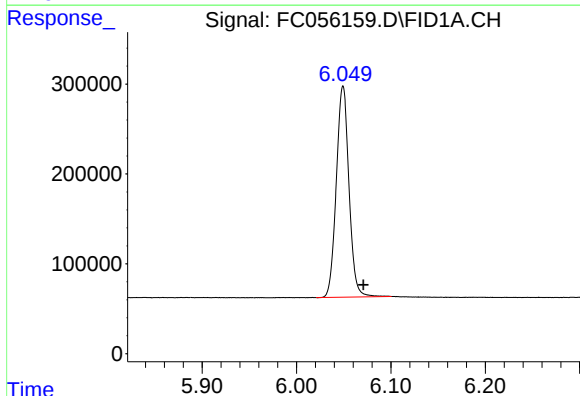
#1 n-Nonane (C9)

R.T.: 3.385 min
Delta R.T.: -0.021 min
Response: 2051825
Conc: 19.23 ug/ml



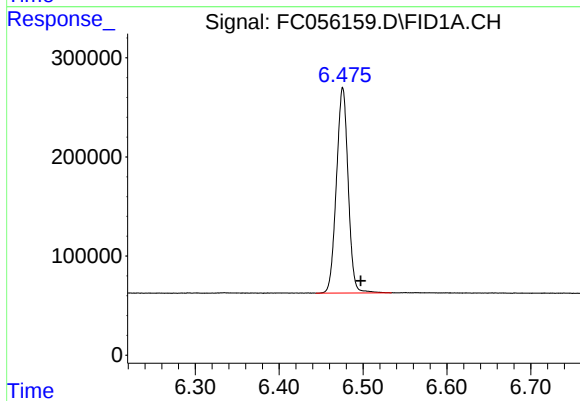
#2 n-Decane (C10)

R.T.: 4.455 min
Delta R.T.: -0.021 min
Response: 2045484
Conc: 19.14 ug/ml



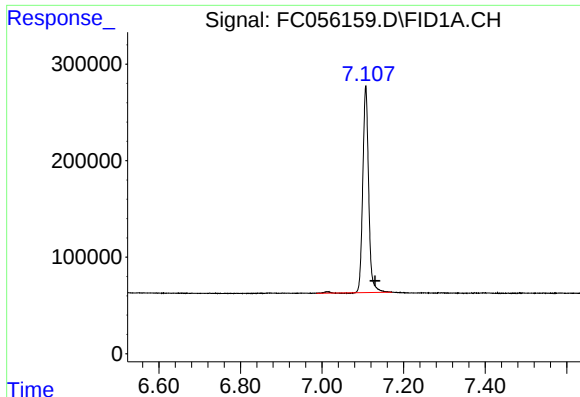
#3 A~Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.022 min
Response: 2191671
Conc: 18.22 ug/ml



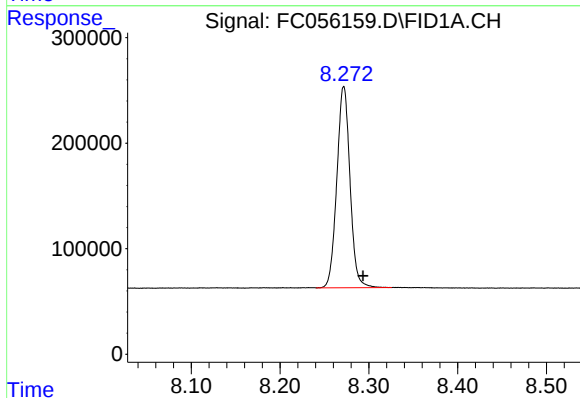
#4 n-Dodecane (C12)

R.T.: 6.476 min
Delta R.T.: -0.022 min
Response: 2015947
Conc: 18.57 ug/ml



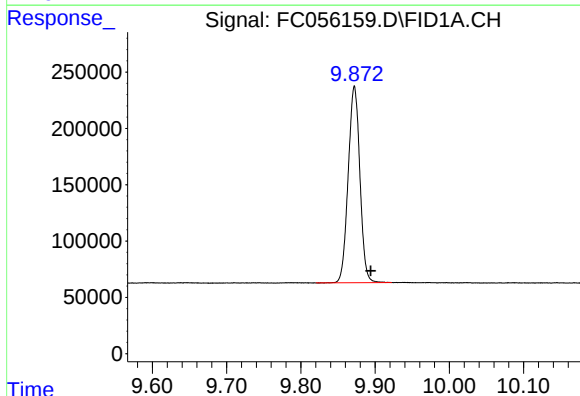
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.107 min
Delta R.T.: -0.023 min
Response: 2136686
Conc: 17.59 ug/ml



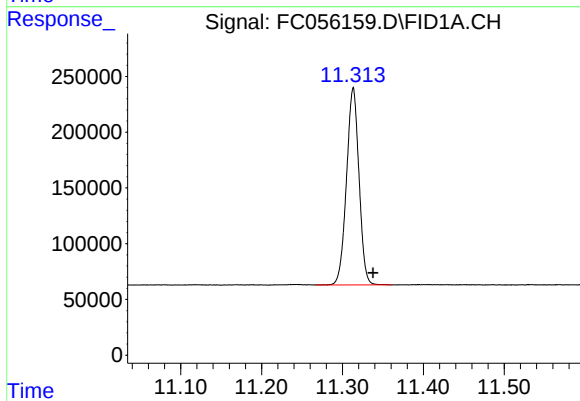
#6 n-Tetradecane (C14)

R.T.: 8.272 min
Delta R.T.: -0.022 min
Response: 1965050
Conc: 17.76 ug/ml



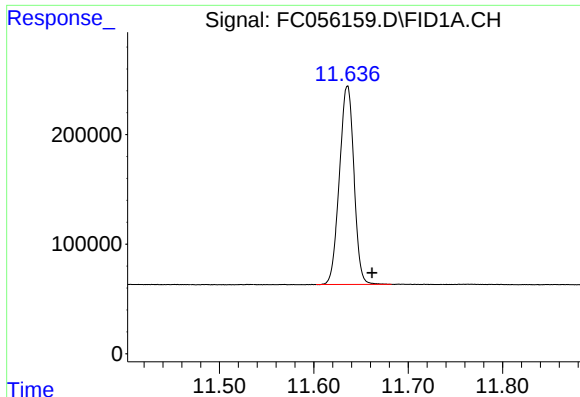
#7 n-Hexadecane (C16)

R.T.: 9.872 min
Delta R.T.: -0.022 min
Response: 1910657
Conc: 17.26 ug/ml



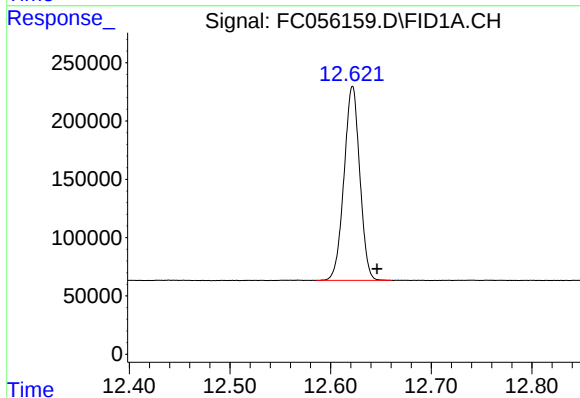
#8 n-Octadecane (C18)

R.T.: 11.313 min
Delta R.T.: -0.025 min
Response: 1894840
Conc: 16.93 ug/ml



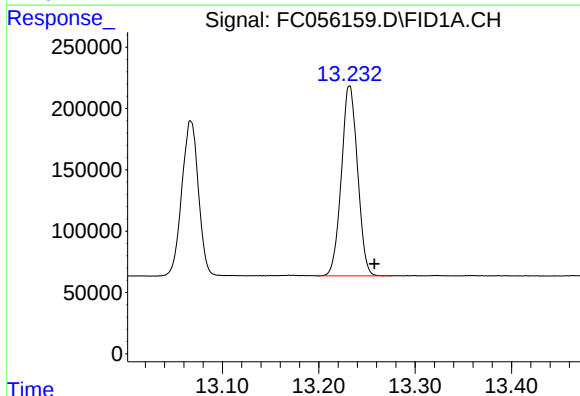
#9 ortho-Terphenyl (SURR)

R.T.: 11.635 min
Delta R.T.: -0.026 min
Response: 1938830
Conc: 16.34 ug/ml



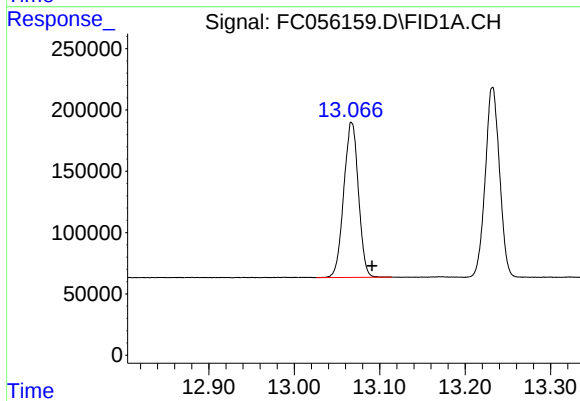
#10 n-Eicosane (C20)

R.T.: 12.622 min
Delta R.T.: -0.024 min
Response: 1811688
Conc: 16.59 ug/ml



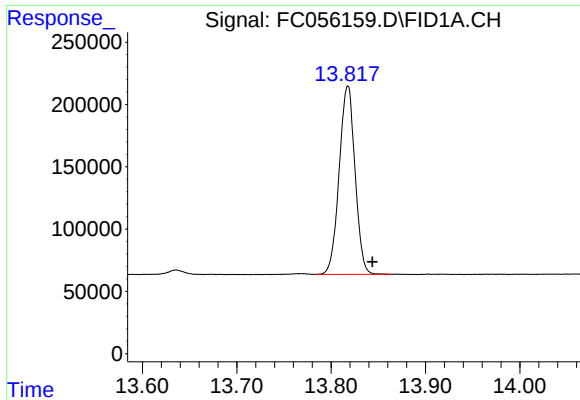
#11 n-Heneicosane (C21)

R.T.: 13.232 min
Delta R.T.: -0.026 min
Response: 1798659
Conc: 16.54 ug/ml



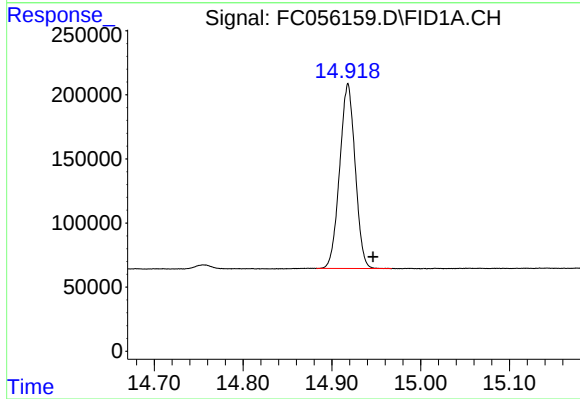
#12 1-chlorooctadecane (SURR)

R.T.: 13.067 min
Delta R.T.: -0.024 min
Response: 1503878
Conc: 16.37 ug/ml



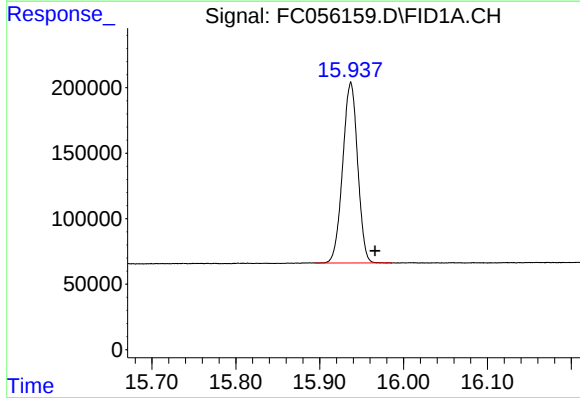
#13 n-Docosane (C22)

R.T.: 13.817 min
Delta R.T.: -0.026 min
Response: 1764198
Conc: 16.52 ug/ml



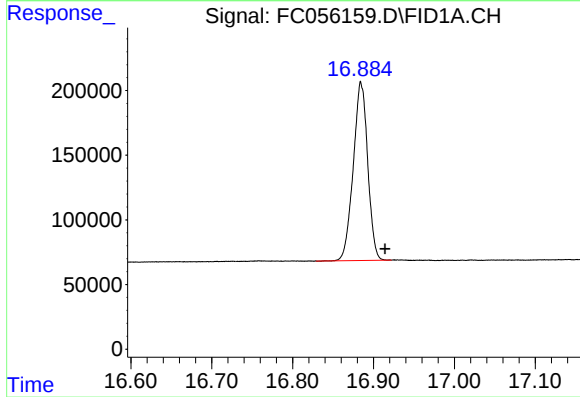
#14 n-Tetracosane (C24)

R.T.: 14.918 min
Delta R.T.: -0.028 min
Response: 1748182
Conc: 16.72 ug/ml



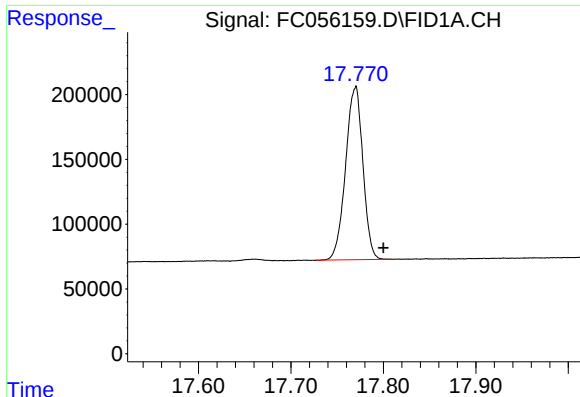
#15 n-Hexacosane (C26)

R.T.: 15.937 min
Delta R.T.: -0.029 min
Response: 1708059
Conc: 17.00 ug/ml



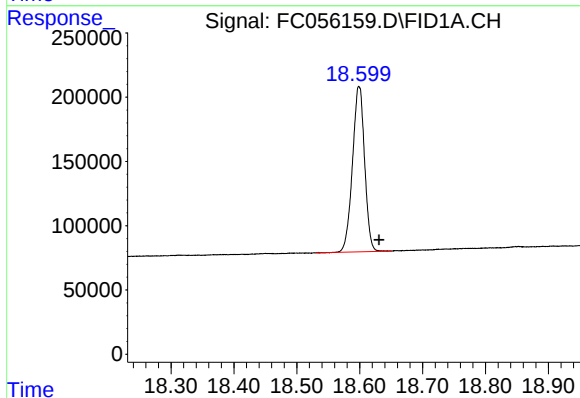
#16 n-Octacosane (C28)

R.T.: 16.885 min
Delta R.T.: -0.030 min
Response: 1709808
Conc: 17.68 ug/ml



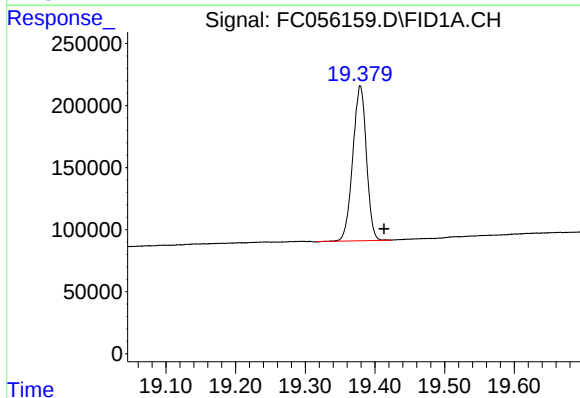
#17 n-Tricontane (C30)

R.T.: 17.769 min
Delta R.T.: -0.031 min
Response: 1736793
Conc: 18.72 ug/ml



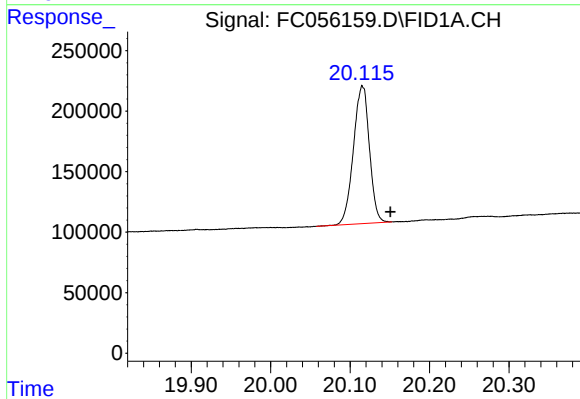
#18 n-Dotriacontane (C32)

R.T.: 18.599 min
Delta R.T.: -0.032 min
Response: 1724060
Conc: 19.39 ug/ml



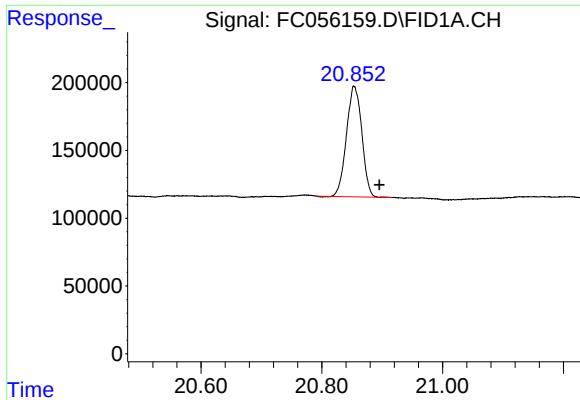
#19 n-Tetratriacontane (C34)

R.T.: 19.379 min
Delta R.T.: -0.034 min
Response: 1694264
Conc: 19.59 ug/ml



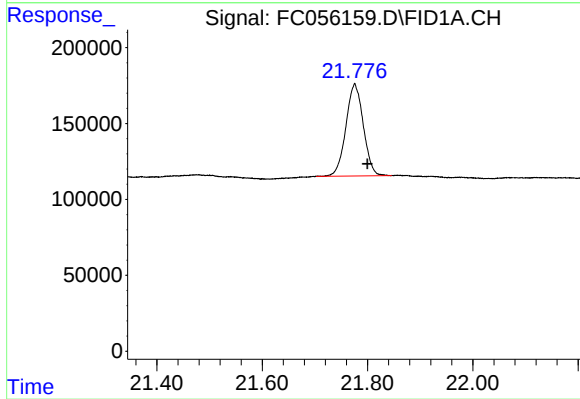
#20 n-Hexatriacontane (C36)

R.T.: 20.115 min
Delta R.T.: -0.035 min
Response: 1586849
Conc: 19.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.854 min
Delta R.T.: -0.041 min
Response: 1441998
Conc: 18.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.776 min
Delta R.T.: -0.024 min
Response: 1391890
Conc: 17.36 ug/ml