

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061720AL\
 Data File : FC047885.D
 Signal(s) : FID1A.CH
 Acq On : 17 Jun 2020 9:25
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 17 11:35:07 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 2020
 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)	11.725	2307086	19.233 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
12) S 1-chlorooctadecane (S...	13.138	1860546	18.998 ug/ml
Spiked Amount 50.000		Recovery =	38.00%
Target Compounds			
1) T n-Nonane (C9)	3.539	2109722	21.082 ug/ml
2) T n-Decane (C10)	4.602	2127562	21.175 ug/ml
3) T A~Naphthalene (C11.7)	6.200	2117774	20.929 ug/ml
4) T n-Dodecane (C12)	6.600	2207373	21.086 ug/ml
5) T A~2-methylnaphthalene...	7.246	2124534	20.521 ug/ml
6) T n-Tetradecane (C14)	8.377	2194097	20.905 ug/ml
7) T n-Hexadecane (C16)	9.963	2158665	20.661 ug/ml
8) T n-Octadecane (C18)	11.393	2226828	20.033 ug/ml
10) T n-Eicosane (C20)	12.692	2201660	19.346 ug/ml
11) T n-Heneicosane (C21)	13.299	2176116	19.016 ug/ml
13) T n-Docosane (C22)	13.882	2141719	18.671 ug/ml
14) T n-Tetracosane (C24)	14.977	2064290	17.964 ug/ml
15) T n-Hexacosane (C26)	15.991	1974426	17.286 ug/ml
16) T n-Octacosane (C28)	16.935	1924554	16.933 ug/ml
17) T n-Tricontane (C30)	17.817	1872067	17.081 ug/ml
18) T n-Dotriacontane (C32)	18.645	1736640	17.518 ug/ml
19) T n-Tetratriacontane (C34)	19.424	1641027	17.918 ug/ml
20) T n-Hexatriacontane (C36)	20.158	1589461	18.534 ug/ml
21) T n-Octatriacontane (C38)	20.907	1516537	19.044 ug/ml
22) T n-Tetracontane (C40)	21.846	1564329	19.785 ug/ml

(f)=RT Delta > 1/2 Window

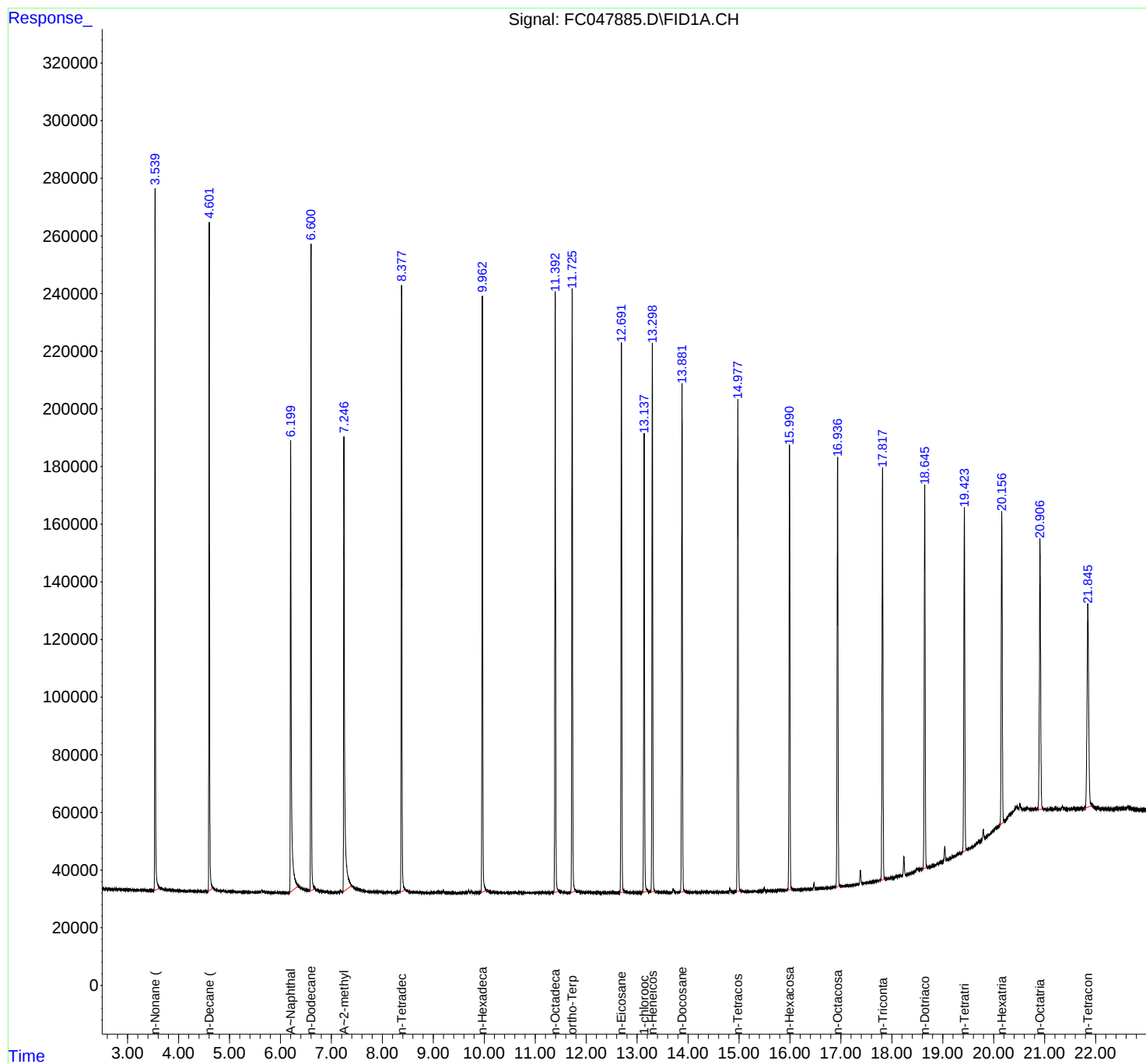
(m)=manual int.

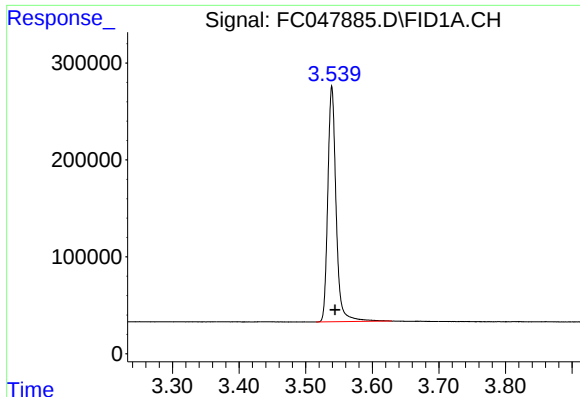
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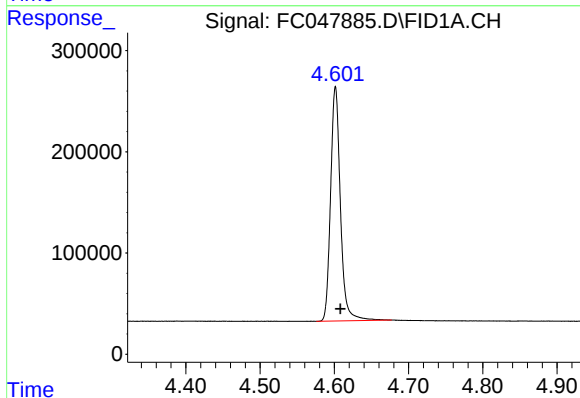




#1 n-Nonane (C9)

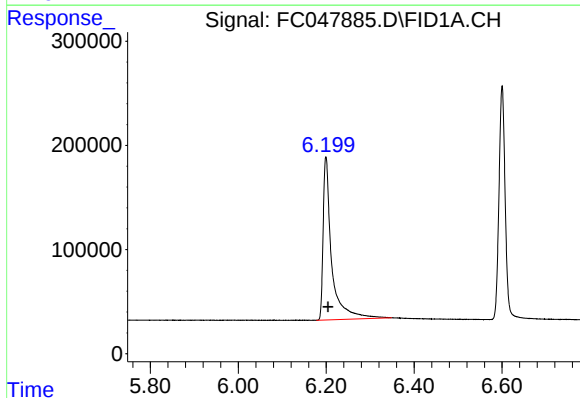
R.T.: 3.539 min
Delta R.T.: -0.005 min
Response: 2109722
Conc: 21.08 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



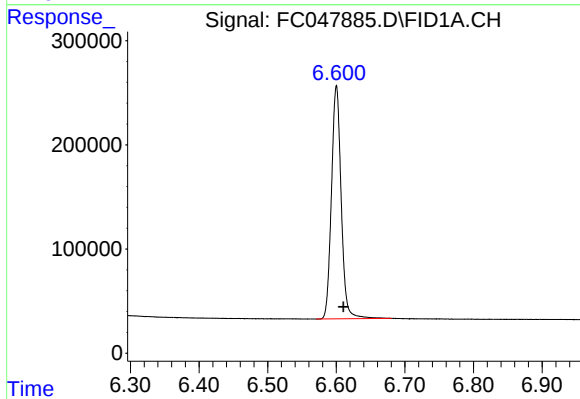
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: -0.007 min
Response: 2127562
Conc: 21.17 ug/ml



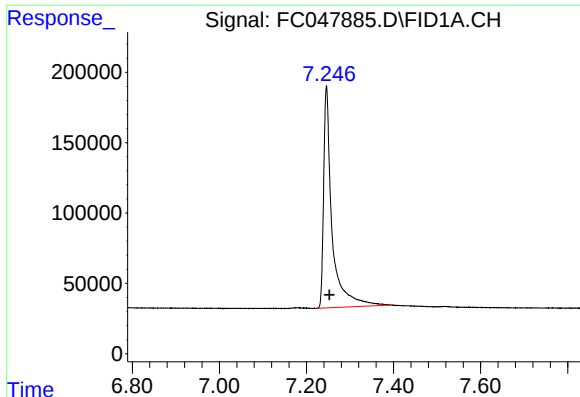
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.005 min
Response: 2117774
Conc: 20.93 ug/ml



#4 n-Dodecane (C12)

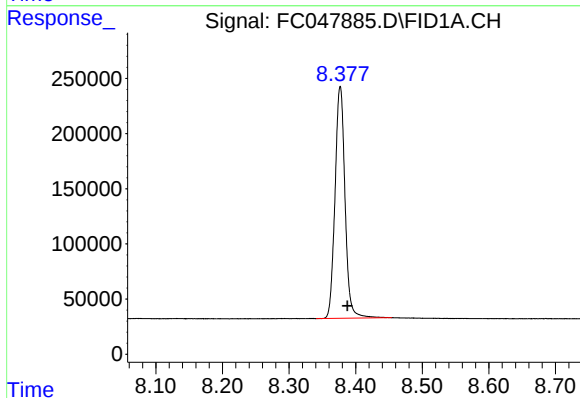
R.T.: 6.600 min
Delta R.T.: -0.010 min
Response: 2207373
Conc: 21.09 ug/ml



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

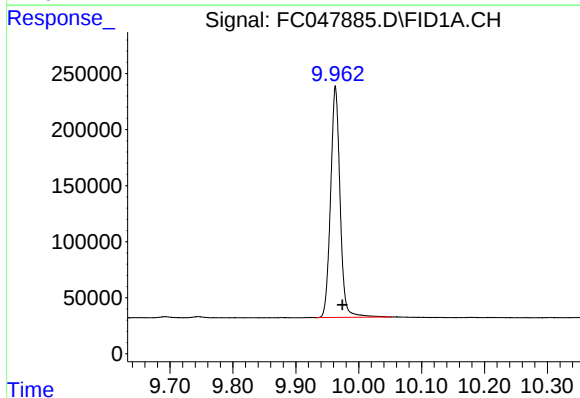
R.T.: 7.246 min
Delta R.T.: -0.007 min
Response: 2124534
Conc: 20.52 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



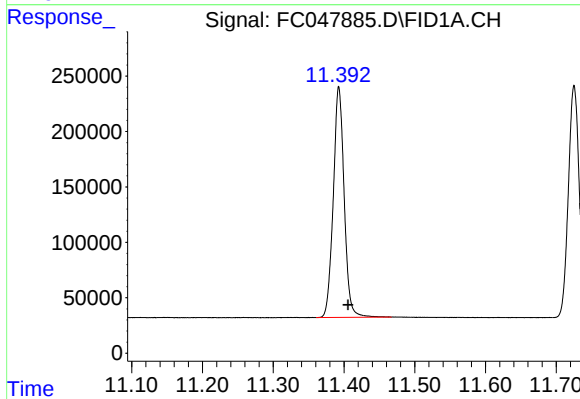
#6 n-Tetradecane (C14)

R.T.: 8.377 min
Delta R.T.: -0.011 min
Response: 2194097
Conc: 20.91 ug/ml



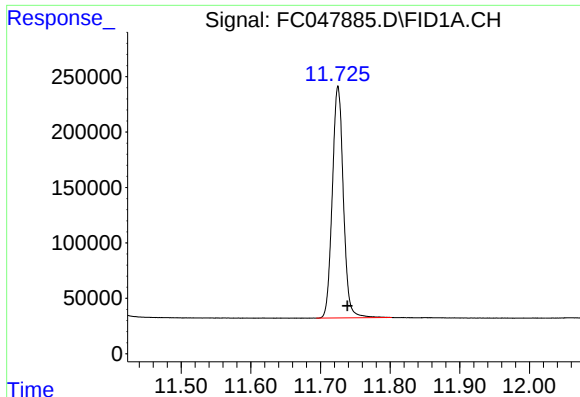
#7 n-Hexadecane (C16)

R.T.: 9.963 min
Delta R.T.: -0.011 min
Response: 2158665
Conc: 20.66 ug/ml



#8 n-Octadecane (C18)

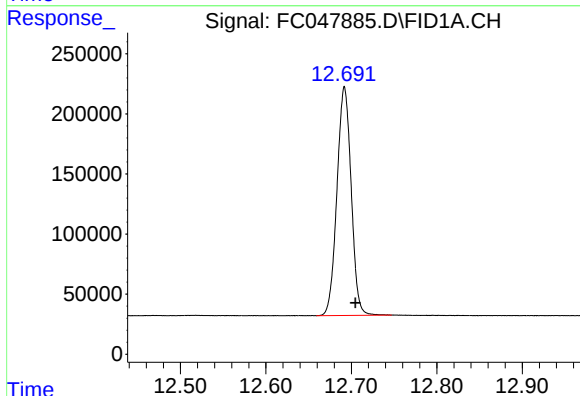
R.T.: 11.393 min
Delta R.T.: -0.013 min
Response: 2226828
Conc: 20.03 ug/ml



#9 ortho-Terphenyl (SURR)

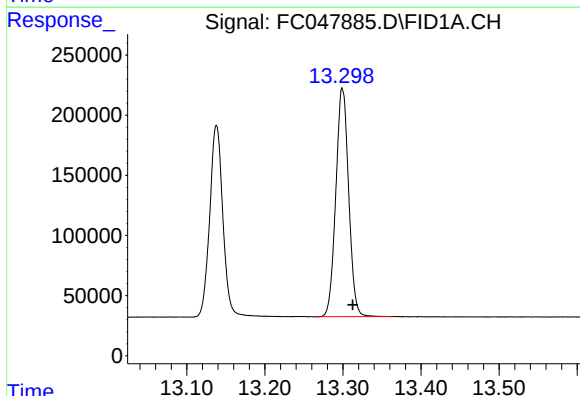
R.T.: 11.725 min
Delta R.T.: -0.014 min
Response: 2307086
Conc: 19.23 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



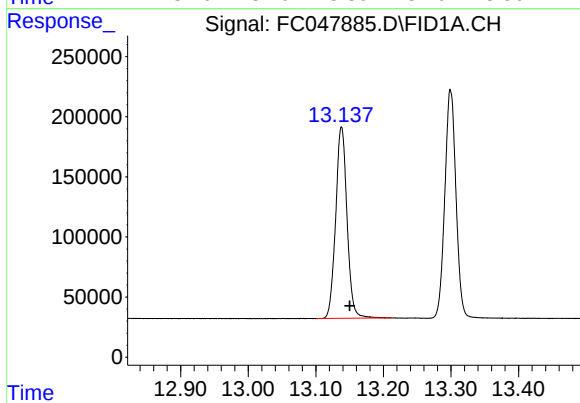
#10 n-Eicosane (C20)

R.T.: 12.692 min
Delta R.T.: -0.013 min
Response: 2201660
Conc: 19.35 ug/ml



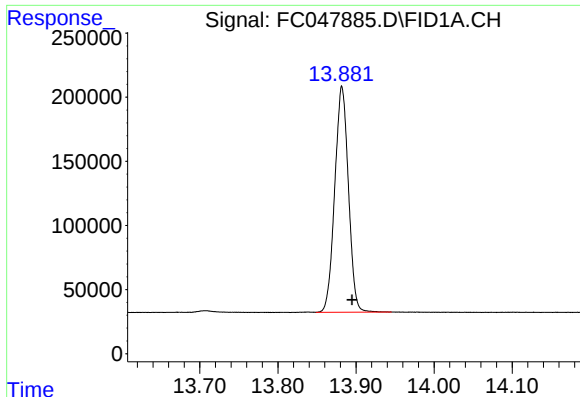
#11 n-Heneicosane (C21)

R.T.: 13.299 min
Delta R.T.: -0.013 min
Response: 2176116
Conc: 19.02 ug/ml



#12 1-chlorooctadecane (SURR)

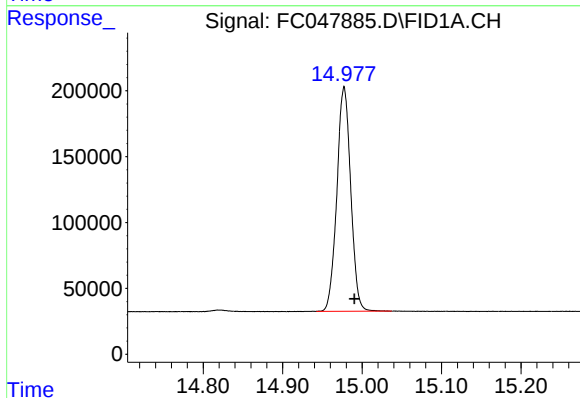
R.T.: 13.138 min
Delta R.T.: -0.012 min
Response: 1860546
Conc: 19.00 ug/ml



#13 n-Docosane (C22)

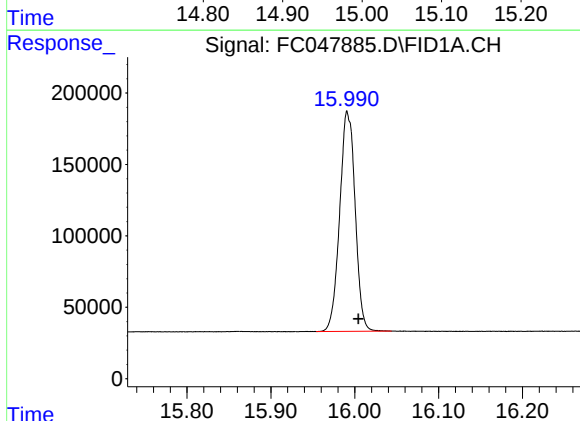
R.T.: 13.882 min
Delta R.T.: -0.013 min
Response: 2141719
Conc: 18.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



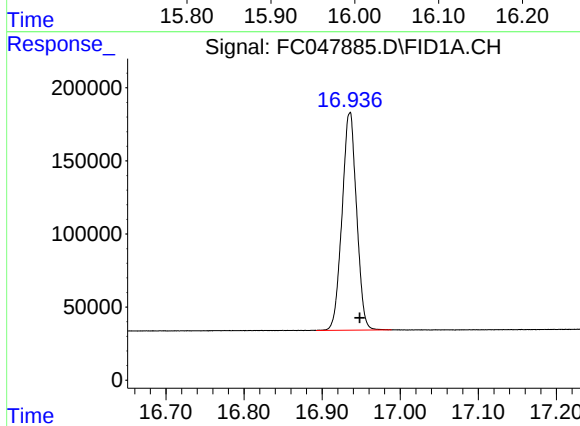
#14 n-Tetracosane (C24)

R.T.: 14.977 min
Delta R.T.: -0.013 min
Response: 2064290
Conc: 17.96 ug/ml



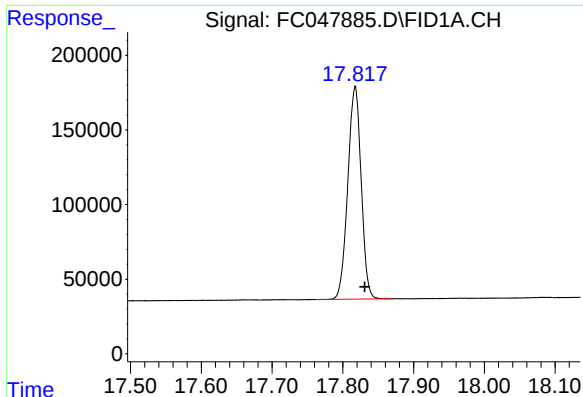
#15 n-Hexacosane (C26)

R.T.: 15.991 min
Delta R.T.: -0.013 min
Response: 1974426
Conc: 17.29 ug/ml



#16 n-Octacosane (C28)

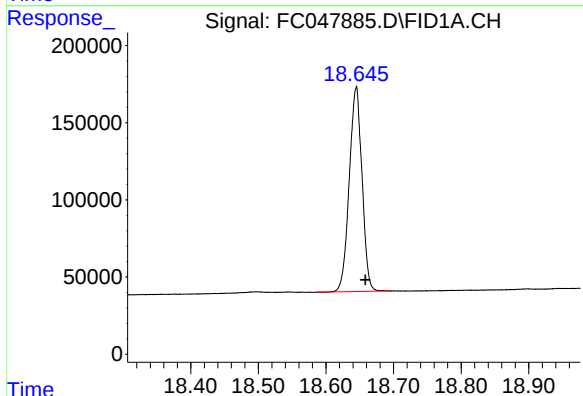
R.T.: 16.935 min
Delta R.T.: -0.013 min
Response: 1924554
Conc: 16.93 ug/ml



#17 n-Tricontane (C30)

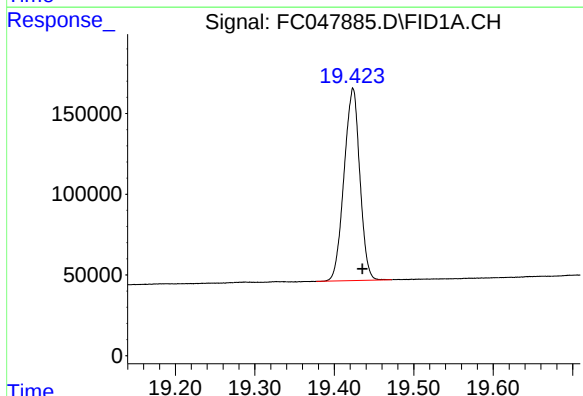
R.T.: 17.817 min
Delta R.T.: -0.013 min
Response: 1872067
Conc: 17.08 ug/ml

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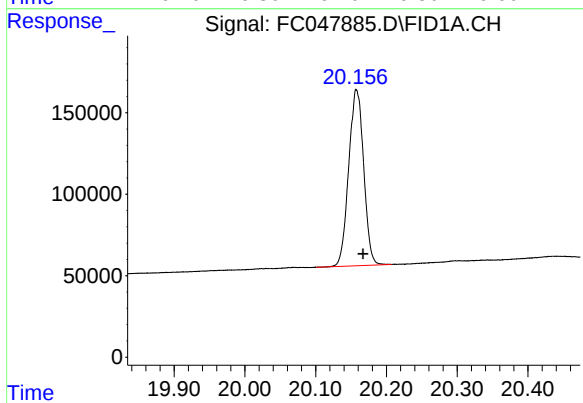
#18 n-Dotriacontane (C32)

R.T.: 18.645 min
Delta R.T.: -0.014 min
Response: 1736640
Conc: 17.52 ug/ml



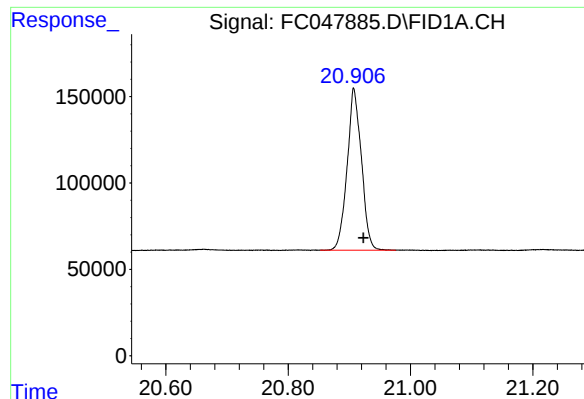
#19 n-Tetratriacontane (C34)

R.T.: 19.424 min
Delta R.T.: -0.012 min
Response: 1641027
Conc: 17.92 ug/ml



#20 n-Hexatriacontane (C36)

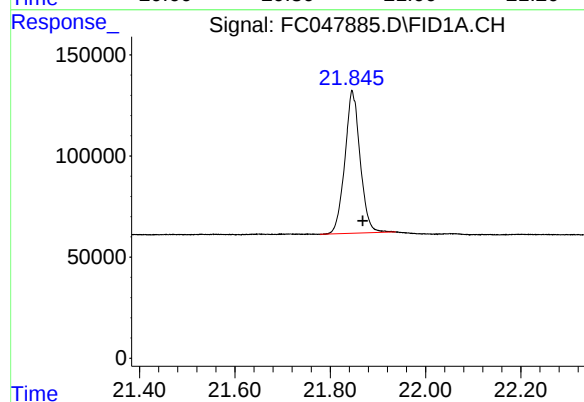
R.T.: 20.158 min
Delta R.T.: -0.009 min
Response: 1589461
Conc: 18.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.907 min
Delta R.T.: -0.015 min
Response: 1516537
Conc: 19.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.846 min
Delta R.T.: -0.022 min
Response: 1564329
Conc: 19.79 ug/ml