

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083021AL\
 Data File : FC055447.D
 Signal(s) : FID1A.CH
 Acq On : 30 Aug 2021 22:56
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 31 01:47:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.661	2485100	19.893 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
12) S 1-chlorooctadecane (S...	13.097	1966488	19.870 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
Target Compounds			
1) T n-Nonane (C9)	3.402	2148839	19.879 ug/ml
2) T n-Decane (C10)	4.471	2166805	19.872 ug/ml
3) T A~Naphthalene (C11.7)	6.062	2441133	19.811 ug/ml
4) T n-Dodecane (C12)	6.495	2169812	19.816 ug/ml
5) T A~2-methylnaphthalene...	7.121	2465748	19.814 ug/ml
6) T n-Tetradecane (C14)	8.293	2211676	19.858 ug/ml
7) T n-Hexadecane (C16)	9.895	2245636	19.870 ug/ml
8) T n-Octadecane (C18)	11.340	2319456	19.922 ug/ml
10) T n-Eicosane (C20)	12.652	2309189	19.763 ug/ml
11) T n-Heneicosane (C21)	13.264	2342299	19.901 ug/ml
13) T n-Docosane (C22)	13.851	2314765	19.843 ug/ml
14) T n-Tetracosane (C24)	14.954	2309159	19.828 ug/ml
15) T n-Hexacosane (C26)	15.976	2242536	19.796 ug/ml
16) T n-Octacosane (C28)	16.925	2186963	19.764 ug/ml
17) T n-Tricontane (C30)	17.813	2096580	19.717 ug/ml
18) T n-Dotriacontane (C32)	18.645	1963439	19.591 ug/ml
19) T n-Tetratriacontane (C34)	19.429	1857511	19.681 ug/ml
20) T n-Hexatriacontane (C36)	20.169	1707073	19.661 ug/ml
21) T n-Octatriacontane (C38)	20.922	1608592	19.735 ug/ml
22) T n-Tetracontane (C40)	21.864	1598408	19.902 ug/ml

(f)=RT Delta > 1/2 Window

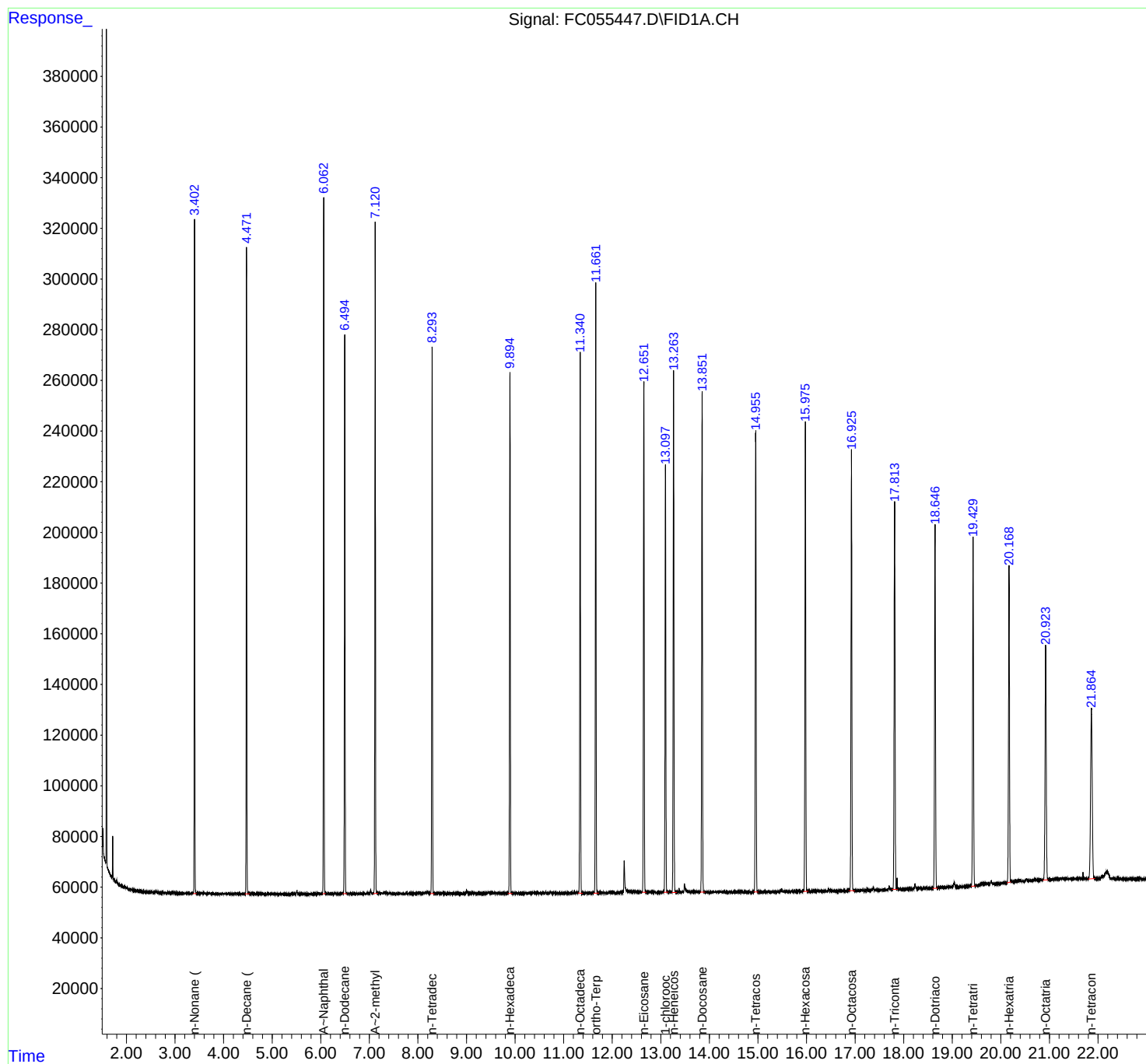
(m)=manual int.

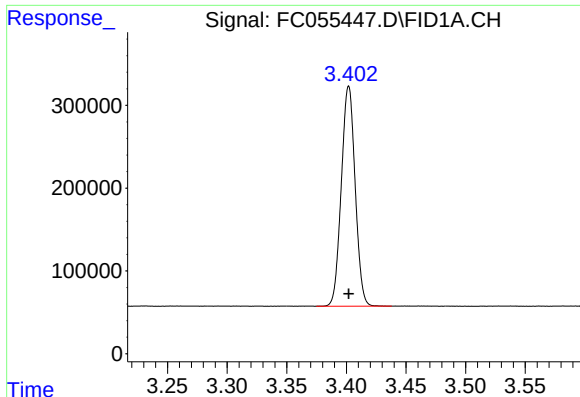
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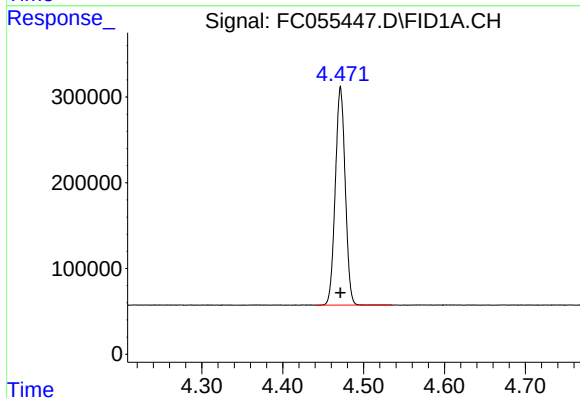




#1 n-Nonane (C9)

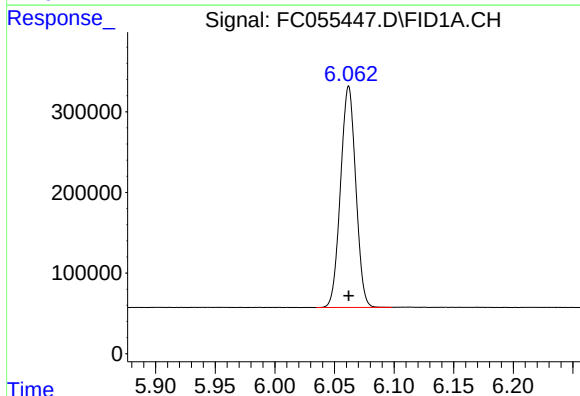
R.T.: 3.402 min
Delta R.T.: 0.000 min
Response: 2148839
Conc: 19.88 ug/ml

Instrument :
FID_C
ClientSampleId :



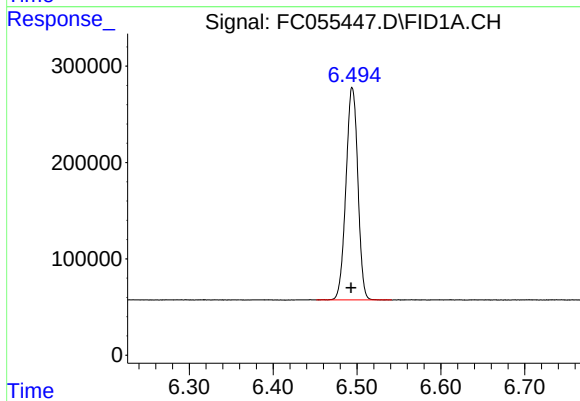
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 2166805
Conc: 19.87 ug/ml



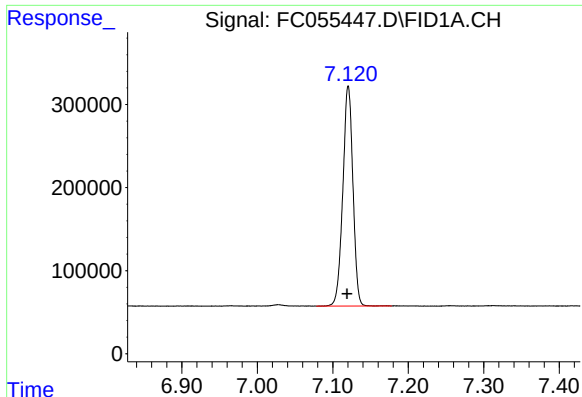
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 2441133
Conc: 19.81 ug/ml



#4 n-Dodecane (C12)

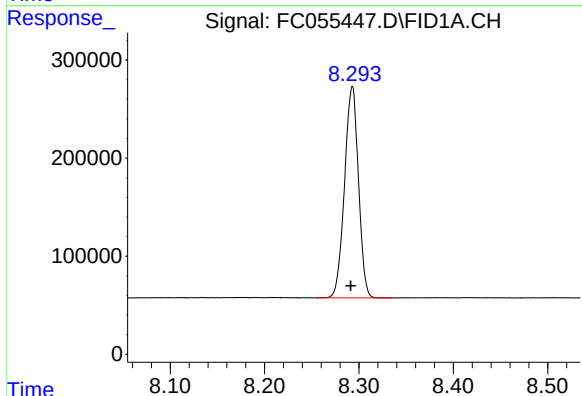
R.T.: 6.495 min
Delta R.T.: 0.001 min
Response: 2169812
Conc: 19.82 ug/ml



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

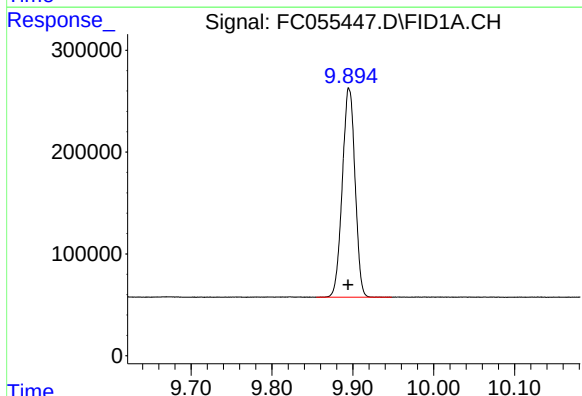
R.T.: 7.121 min
Delta R.T.: 0.001 min
Response: 2465748
Conc: 19.81 ug/ml

Instrument :
FID_C
ClientSampleId :



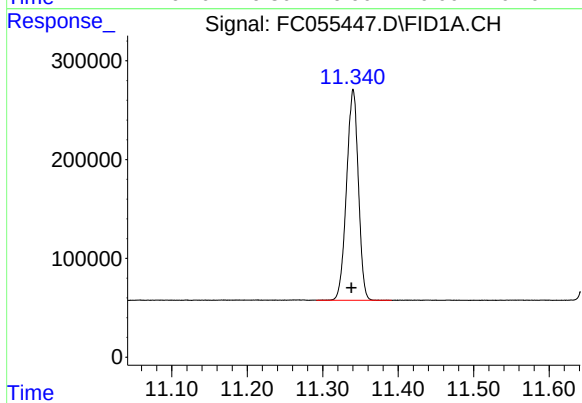
#6 n-Tetradecane (C14)

R.T.: 8.293 min
Delta R.T.: 0.001 min
Response: 2211676
Conc: 19.86 ug/ml



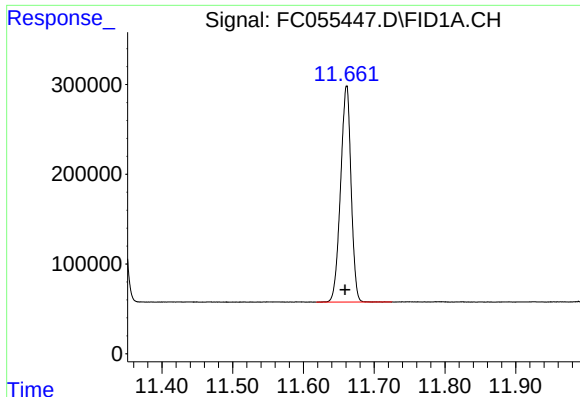
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: 0.001 min
Response: 2245636
Conc: 19.87 ug/ml



#8 n-Octadecane (C18)

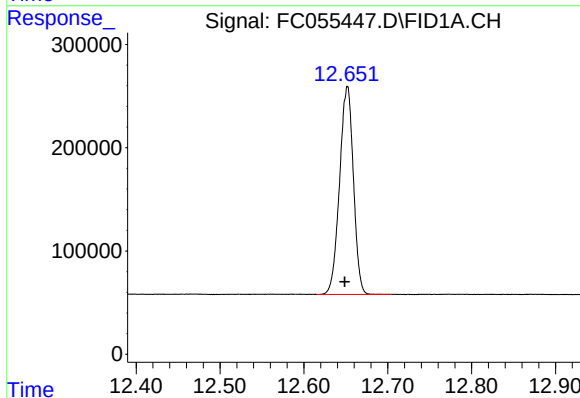
R.T.: 11.340 min
Delta R.T.: 0.002 min
Response: 2319456
Conc: 19.92 ug/ml



#9 ortho-Terphenyl (SURR)

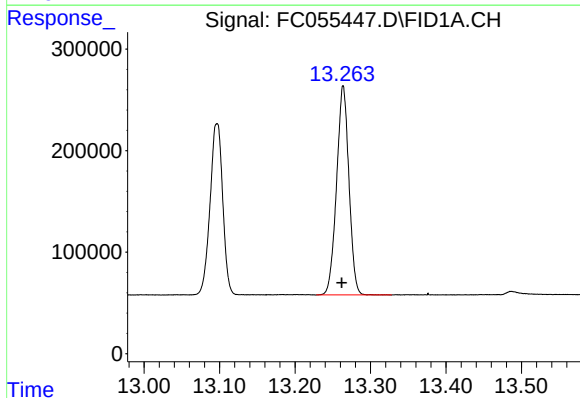
R.T.: 11.661 min
Delta R.T.: 0.002 min
Response: 2485100
Conc: 19.89 ug/ml

Instrument :
FID_C
ClientSampleId :



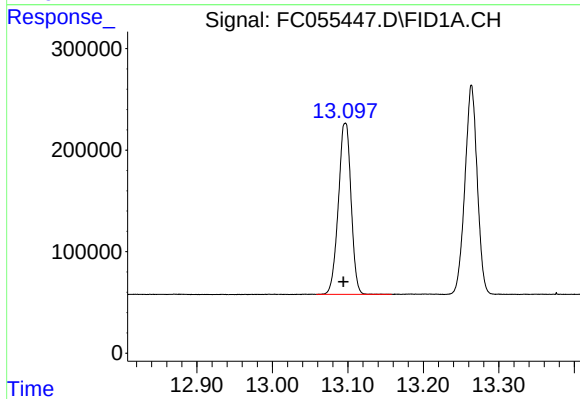
#10 n-Eicosane (C20)

R.T.: 12.652 min
Delta R.T.: 0.003 min
Response: 2309189
Conc: 19.76 ug/ml



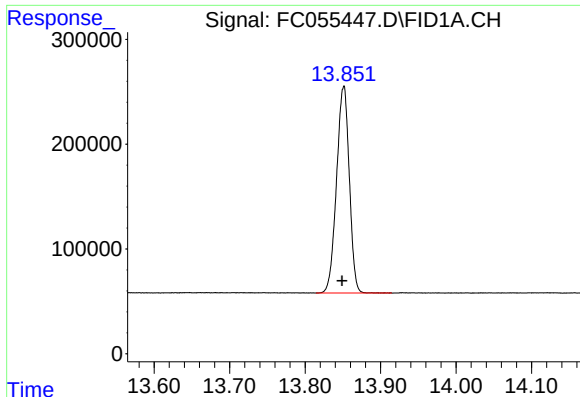
#11 n-Heneicosane (C21)

R.T.: 13.264 min
Delta R.T.: 0.002 min
Response: 2342299
Conc: 19.90 ug/ml



#12 1-chlorooctadecane (SURR)

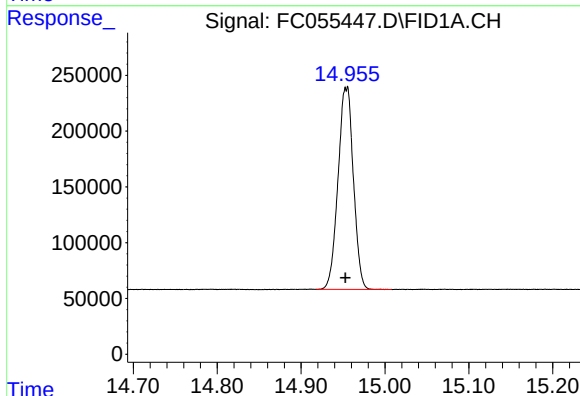
R.T.: 13.097 min
Delta R.T.: 0.002 min
Response: 1966488
Conc: 19.87 ug/ml



#13 n-Docosane (C22)

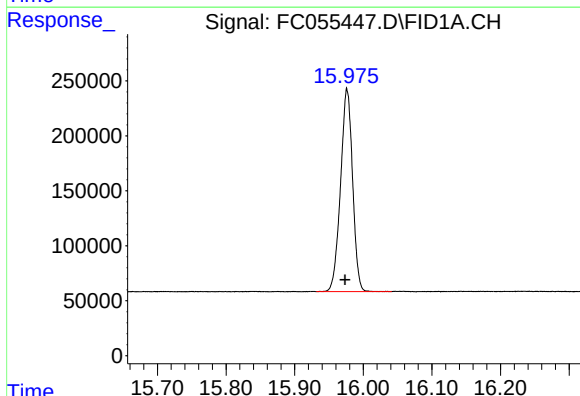
R.T.: 13.851 min
Delta R.T.: 0.002 min
Response: 2314765
Conc: 19.84 ug/ml

Instrument :
FID_C
ClientSampleId :



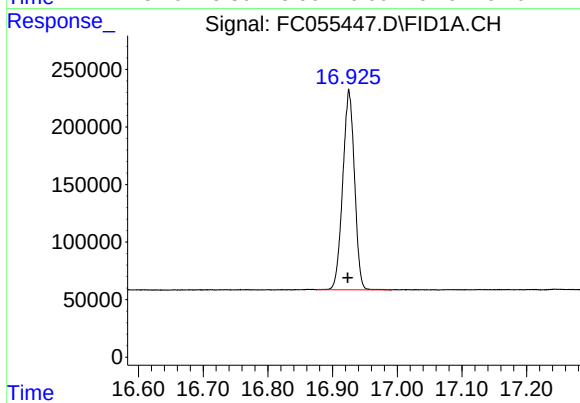
#14 n-Tetracosane (C24)

R.T.: 14.954 min
Delta R.T.: 0.000 min
Response: 2309159
Conc: 19.83 ug/ml



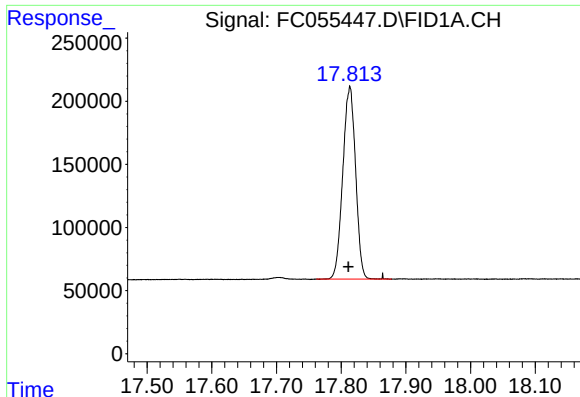
#15 n-Hexacosane (C26)

R.T.: 15.976 min
Delta R.T.: 0.003 min
Response: 2242536
Conc: 19.80 ug/ml



#16 n-Octacosane (C28)

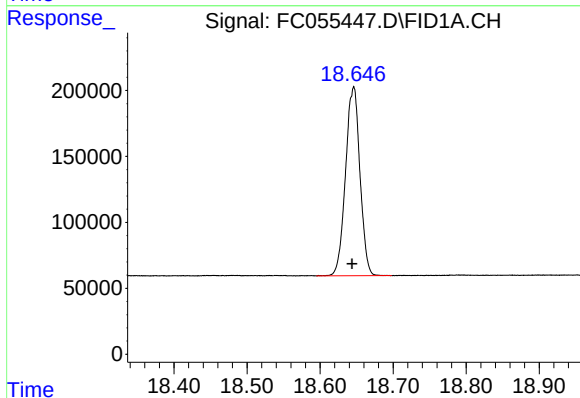
R.T.: 16.925 min
Delta R.T.: 0.002 min
Response: 2186963
Conc: 19.76 ug/ml



#17 n-Tricontane (C30)

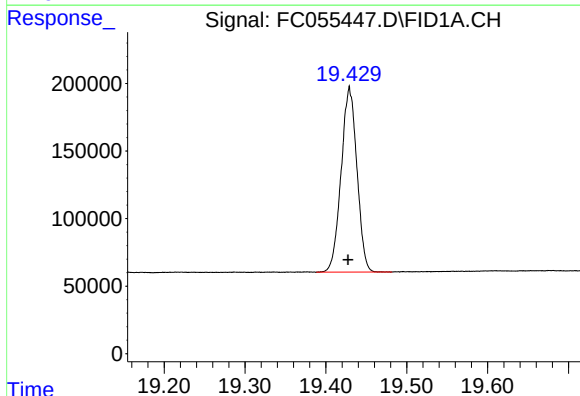
R.T.: 17.813 min
Delta R.T.: 0.002 min
Response: 2096580
Conc: 19.72 ug/ml

Instrument :
FID_C
ClientSampleId :



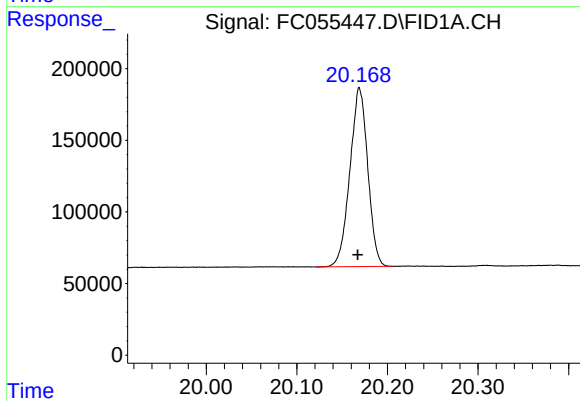
#18 n-Dotriacontane (C32)

R.T.: 18.645 min
Delta R.T.: 0.001 min
Response: 1963439
Conc: 19.59 ug/ml



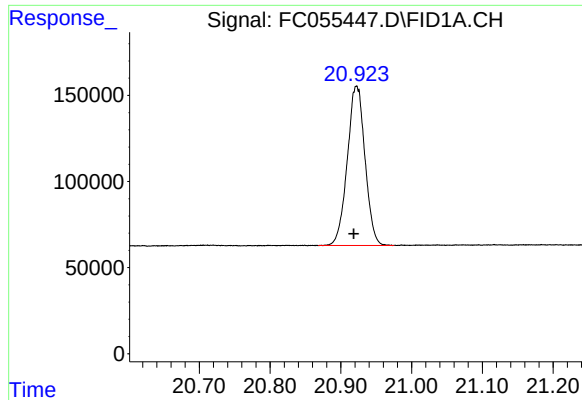
#19 n-Tetratriacontane (C34)

R.T.: 19.429 min
Delta R.T.: 0.002 min
Response: 1857511
Conc: 19.68 ug/ml



#20 n-Hexatriacontane (C36)

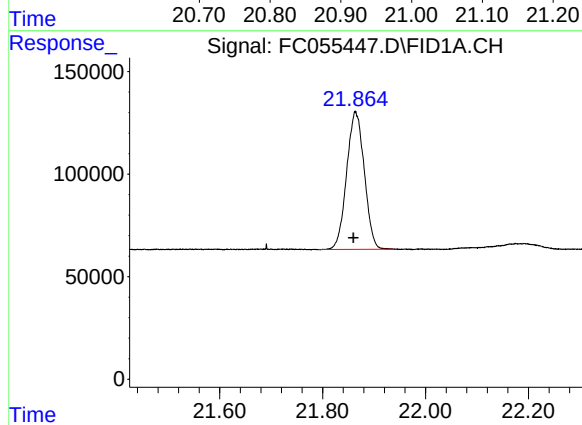
R.T.: 20.169 min
Delta R.T.: 0.002 min
Response: 1707073
Conc: 19.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.922 min
Delta R.T.: 0.004 min
Response: 1608592
Conc: 19.74 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.864 min
Delta R.T.: 0.004 min
Response: 1598408
Conc: 19.90 ug/ml