

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102121AL\
 Data File : FC056298.D
 Signal(s) : FID1A.CH
 Acq On : 21 Oct 2021 00:47
 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: Oct 21 01:28:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.626	2483348	20.056 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
12) S 1-chlorooctadecane (S...	13.056	1934125	20.100 ug/ml
Spiked Amount 50.000		Recovery =	40.20%
Target Compounds			
1) T n-Nonane (C9)	3.383	2164250	19.996 ug/ml
2) T n-Decane (C10)	4.450	2167345	20.120 ug/ml
3) T A~Naphthalene (C11.7)	6.041	2440188	20.015 ug/ml
4) T n-Dodecane (C12)	6.469	2204261	19.995 ug/ml
5) T A~2-methylnaphthalene...	7.098	2469069	20.162 ug/ml
6) T n-Tetradecane (C14)	8.264	2238984	19.943 ug/ml
7) T n-Hexadecane (C16)	9.864	2275331	20.014 ug/ml
8) T n-Octadecane (C18)	11.304	2347590	20.089 ug/ml
10) T n-Eicosane (C20)	12.611	2307720	20.080 ug/ml
11) T n-Heneicosane (C21)	13.222	2308012	20.083 ug/ml
13) T n-Docosane (C22)	13.807	2275074	20.208 ug/ml
14) T n-Tetracosane (C24)	14.906	2231665	20.250 ug/ml
15) T n-Hexacosane (C26)	15.925	2137253	20.250 ug/ml
16) T n-Octacosane (C28)	16.870	2072461	19.980 ug/ml
17) T n-Tricontane (C30)	17.754	2011386	19.413 ug/ml
18) T n-Dotriacontane (C32)	18.583	1872952	19.549 ug/ml
19) T n-Tetratriacontane (C34)	19.362	1760528	20.072 ug/ml
20) T n-Hexatriacontane (C36)	20.099	1641649	20.056 ug/ml
21) T n-Octatriacontane (C38)	20.834	1603158	20.045 ug/ml
22) T n-Tetracontane (C40)	21.750	1625610	19.731 ug/ml

(f)=RT Delta > 1/2 Window

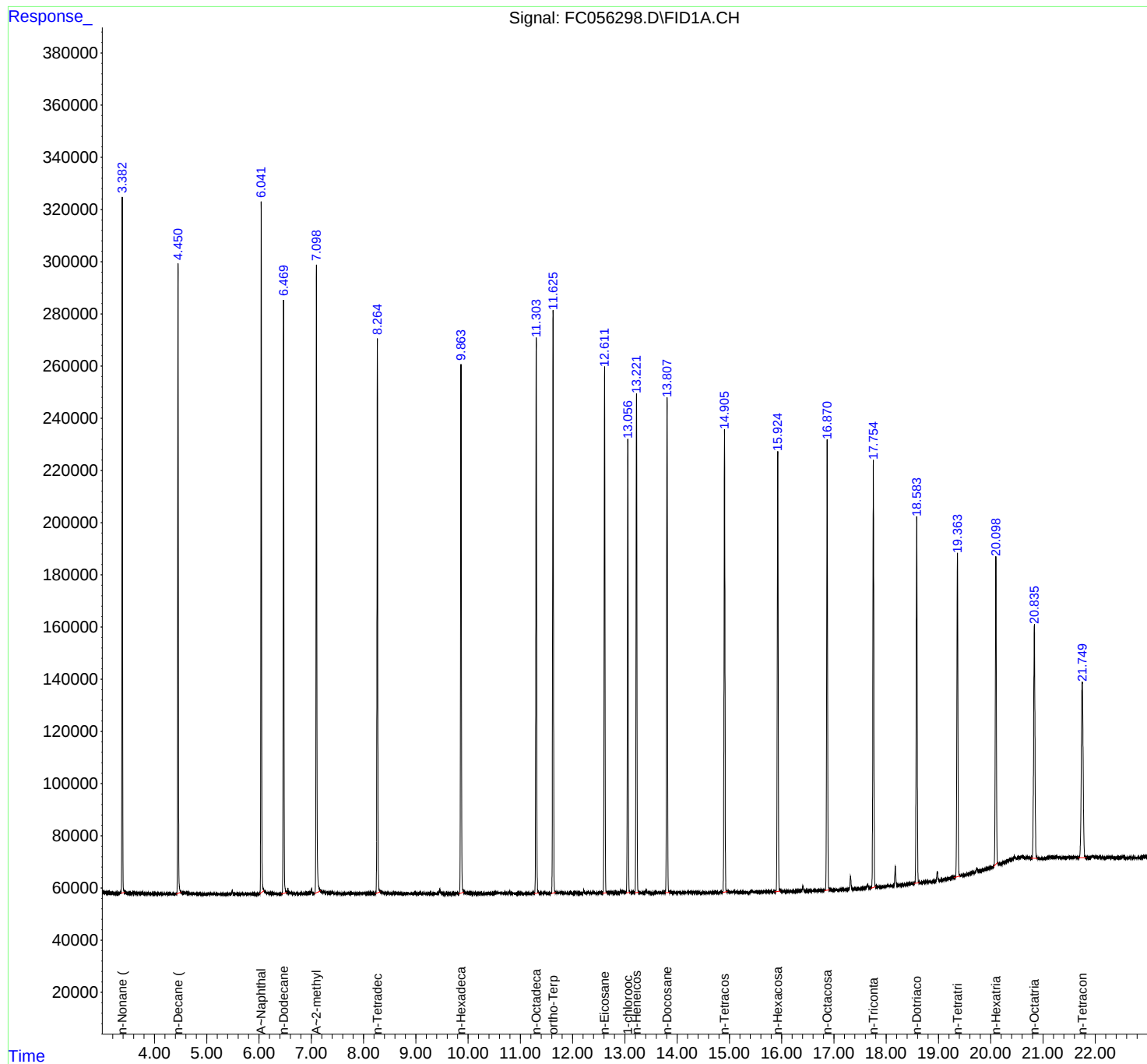
(m)=manual int.

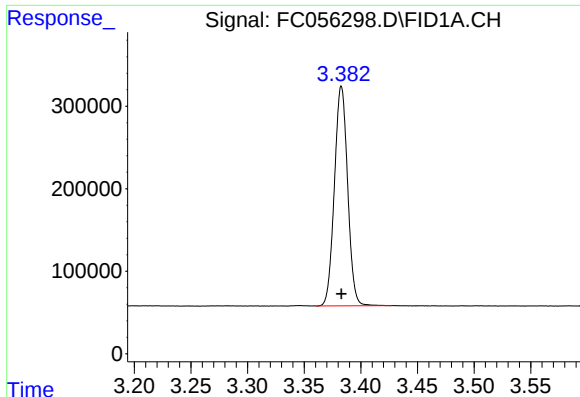
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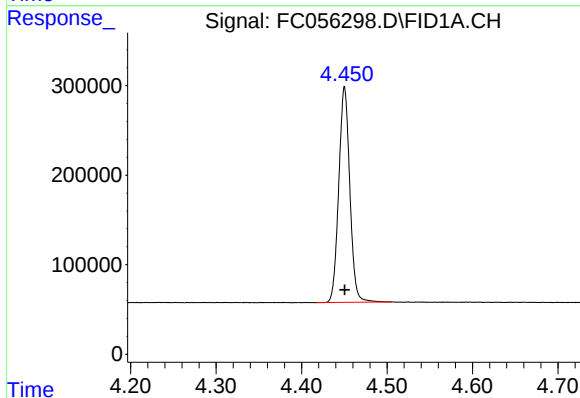




#1 n-Nonane (C9)

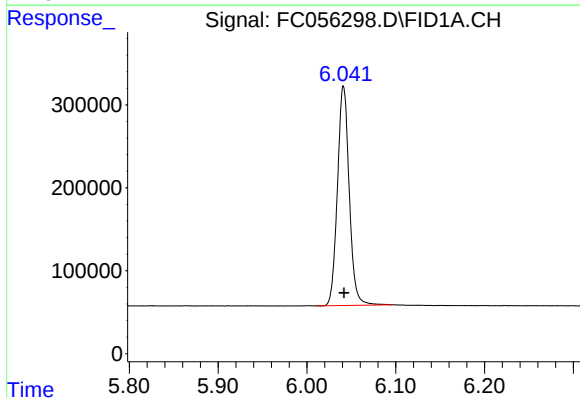
R.T.: 3.383 min
Delta R.T.: 0.000 min
Response: 2164250
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :



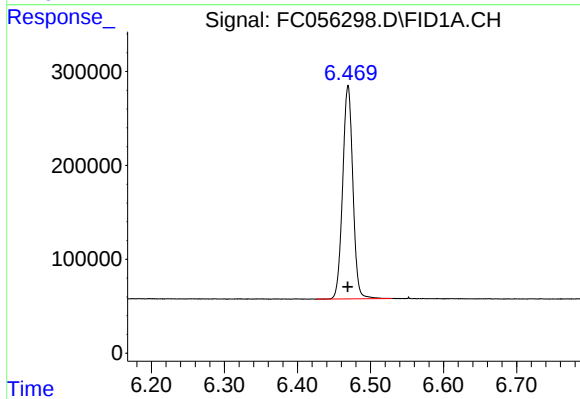
#2 n-Decane (C10)

R.T.: 4.450 min
Delta R.T.: 0.000 min
Response: 2167345
Conc: 20.12 ug/ml



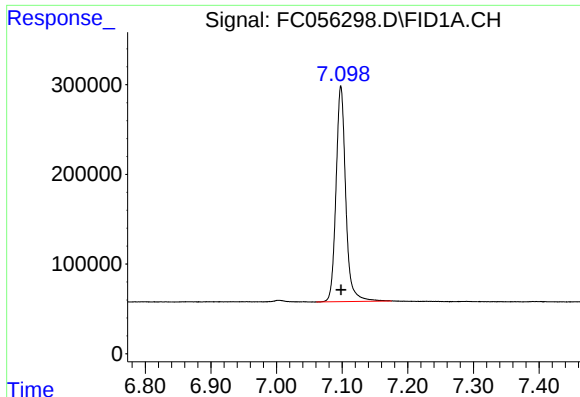
#3 A~Naphthalene (C11.7)

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 2440188
Conc: 20.01 ug/ml



#4 n-Dodecane (C12)

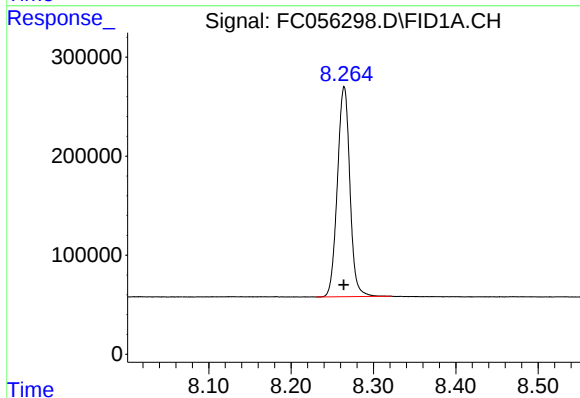
R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 2204261
Conc: 20.00 ug/ml



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

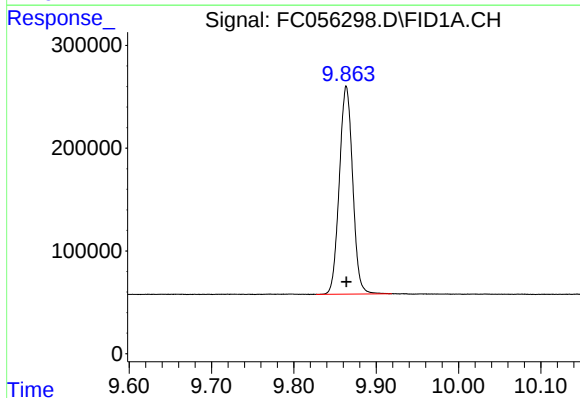
R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 2469069
Conc: 20.16 ug/ml

Instrument :
FID_C
ClientSampleId :



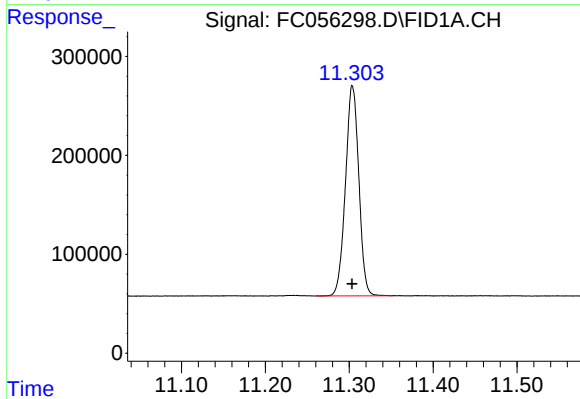
#6 n-Tetradecane (C14)

R.T.: 8.264 min
Delta R.T.: 0.000 min
Response: 2238984
Conc: 19.94 ug/ml



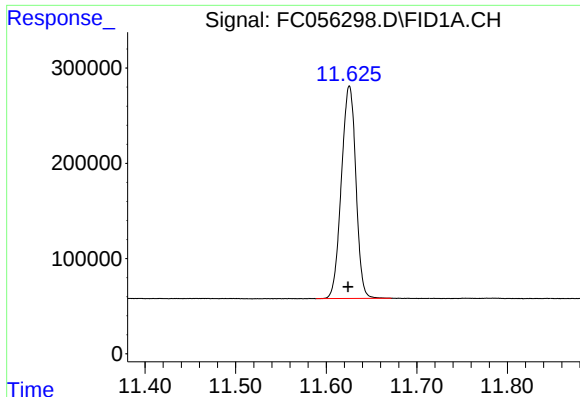
#7 n-Hexadecane (C16)

R.T.: 9.864 min
Delta R.T.: 0.000 min
Response: 2275331
Conc: 20.01 ug/ml



#8 n-Octadecane (C18)

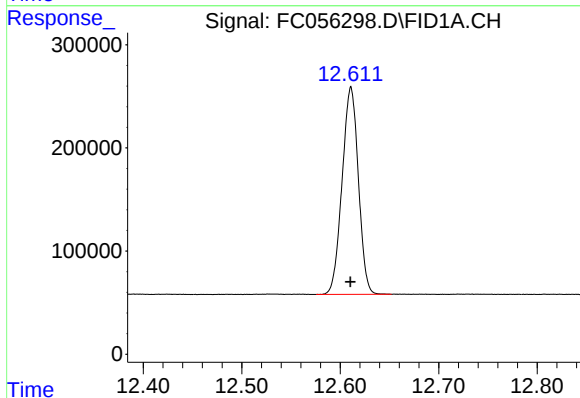
R.T.: 11.304 min
Delta R.T.: 0.000 min
Response: 2347590
Conc: 20.09 ug/ml



#9 ortho-Terphenyl (SURR)

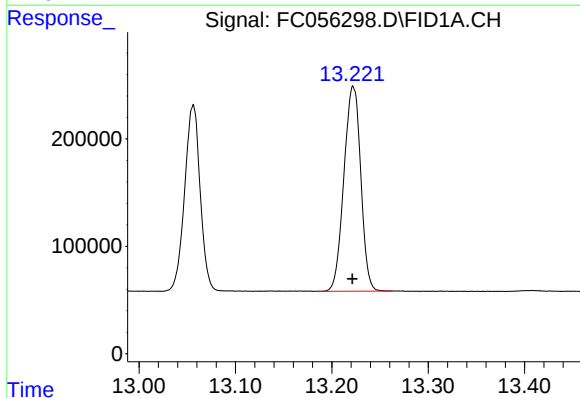
R.T.: 11.626 min
Delta R.T.: 0.001 min
Response: 2483348
Conc: 20.06 ug/ml

Instrument :
FID_C
ClientSampleId :



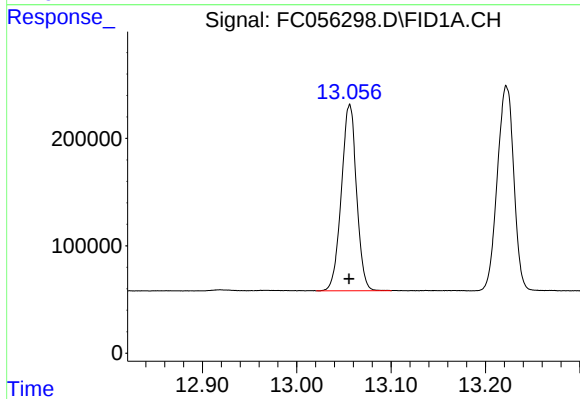
#10 n-Eicosane (C20)

R.T.: 12.611 min
Delta R.T.: 0.000 min
Response: 2307720
Conc: 20.08 ug/ml



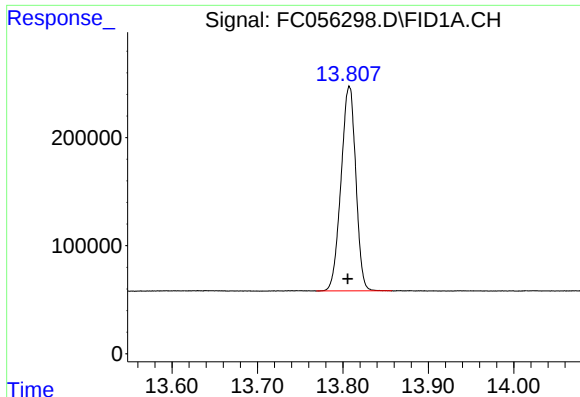
#11 n-Heneicosane (C21)

R.T.: 13.222 min
Delta R.T.: 0.000 min
Response: 2308012
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

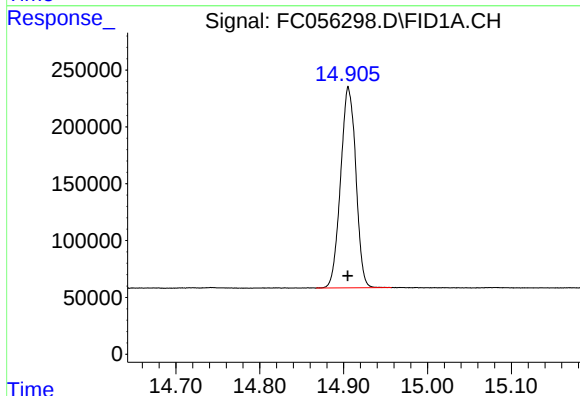
R.T.: 13.056 min
Delta R.T.: 0.000 min
Response: 1934125
Conc: 20.10 ug/ml



#13 n-Docosane (C22)

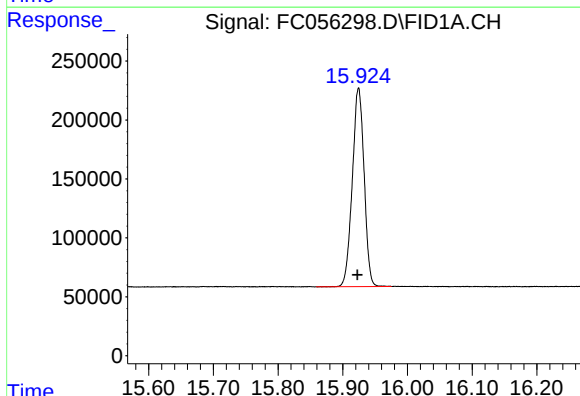
R.T.: 13.807 min
Delta R.T.: 0.002 min
Response: 2275074
Conc: 20.21 ug/ml

Instrument :
FID_C
ClientSampleId :



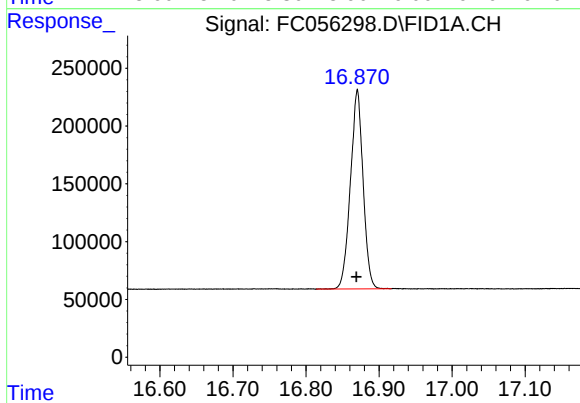
#14 n-Tetracosane (C24)

R.T.: 14.906 min
Delta R.T.: 0.000 min
Response: 2231665
Conc: 20.25 ug/ml



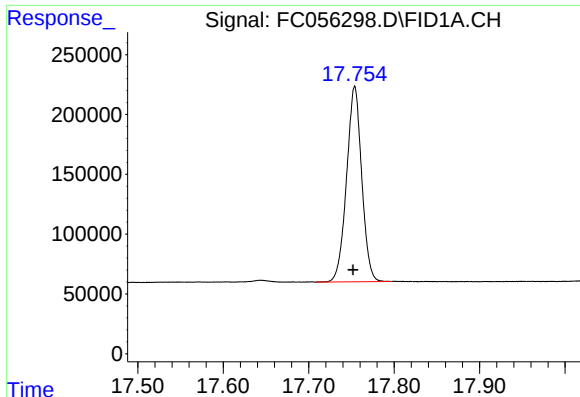
#15 n-Hexacosane (C26)

R.T.: 15.925 min
Delta R.T.: 0.002 min
Response: 2137253
Conc: 20.25 ug/ml



#16 n-Octacosane (C28)

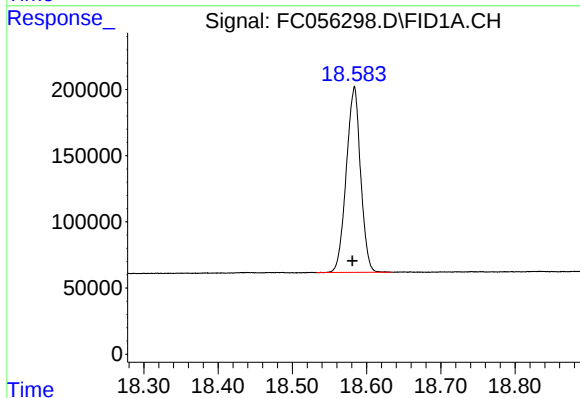
R.T.: 16.870 min
Delta R.T.: 0.001 min
Response: 2072461
Conc: 19.98 ug/ml



#17 n-Tricontane (C30)

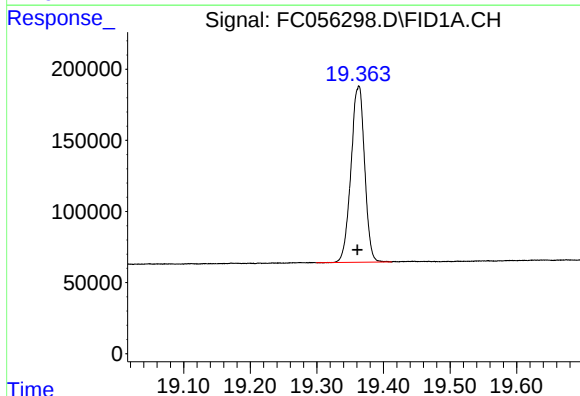
R.T.: 17.754 min
Delta R.T.: 0.002 min
Response: 2011386
Conc: 19.41 ug/ml

Instrument :
FID_C
ClientSampleId :



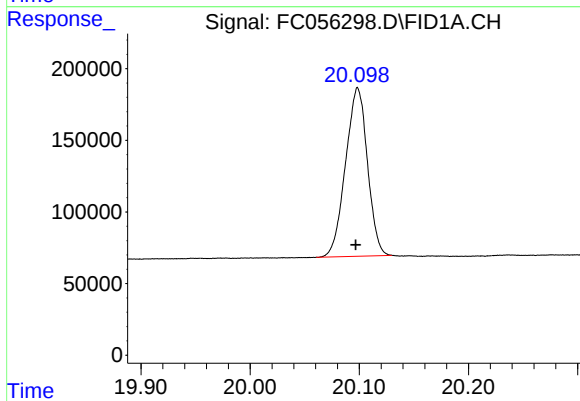
#18 n-Dotriacontane (C32)

R.T.: 18.583 min
Delta R.T.: 0.002 min
Response: 1872952
Conc: 19.55 ug/ml



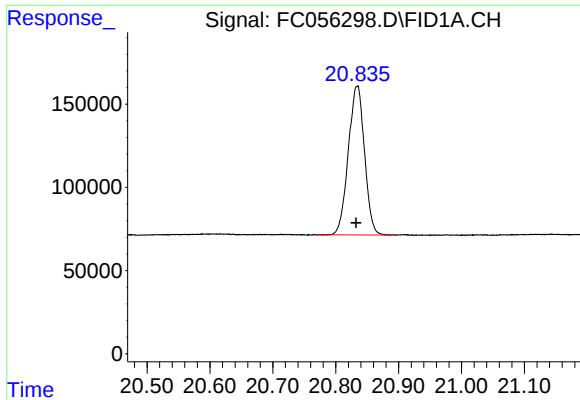
#19 n-Tetratriacontane (C34)

R.T.: 19.362 min
Delta R.T.: 0.002 min
Response: 1760528
Conc: 20.07 ug/ml



#20 n-Hexatriacontane (C36)

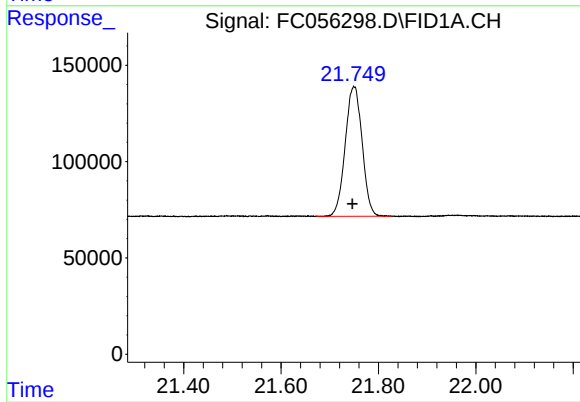
R.T.: 20.099 min
Delta R.T.: 0.002 min
Response: 1641649
Conc: 20.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.834 min
Delta R.T.: 0.002 min
Response: 1603158
Conc: 20.05 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.750 min
Delta R.T.: 0.003 min
Response: 1625610
Conc: 19.73 ug/ml