

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102621AL\
 Data File : FC056401.D
 Signal(s) : FID1A.CH
 Acq On : 26 Oct 2021 17:26
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 27 02:18:22 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)	11.624	2384577	19.259 ug/ml
Spiked Amount 50.000		Recovery =	38.52%
12) S 1-chlorooctadecane (S...	13.055	1840701	19.129 ug/ml
Spiked Amount 50.000		Recovery =	38.26%
Target Compounds			
1) T n-Nonane (C9)	3.381	2219632	20.508 ug/ml
2) T n-Decane (C10)	4.448	2233908	20.738 ug/ml
3) T A~Naphthalene (C11.7)	6.039	2513269	20.614 ug/ml
4) T n-Dodecane (C12)	6.466	2266341	20.558 ug/ml
5) T A~2-methylnaphthalene...	7.096	2524647	20.616 ug/ml
6) T n-Tetradecane (C14)	8.262	2275717	20.270 ug/ml
7) T n-Hexadecane (C16)	9.862	2270043	19.967 ug/ml
8) T n-Octadecane (C18)	11.304	2305128	19.726 ug/ml
10) T n-Eicosane (C20)	12.610	2221876	19.333 ug/ml
11) T n-Heneicosane (C21)	13.221	2203208	19.171 ug/ml
13) T n-Docosane (C22)	13.806	2147145	19.071 ug/ml
14) T n-Tetracosane (C24)	14.906	2064763	18.736 ug/ml
15) T n-Hexacosane (C26)	15.923	1937208	18.354 ug/ml
16) T n-Octacosane (C28)	16.871	1862402	17.955 ug/ml
17) T n-Tricontane (C30)	17.753	1799983	17.373 ug/ml
18) T n-Dotriacontane (C32)	18.582	1751719	18.284 ug/ml
19) T n-Tetratriacontane (C34)	19.363	1742765	19.870 ug/ml
20) T n-Hexatriacontane (C36)	20.098	1712674	20.924 ug/ml
21) T n-Octatriacontane (C38)	20.833	1685070	21.070 ug/ml
22) T n-Tetracontane (C40)	21.751	1774988	21.544 ug/ml

(f)=RT Delta > 1/2 Window

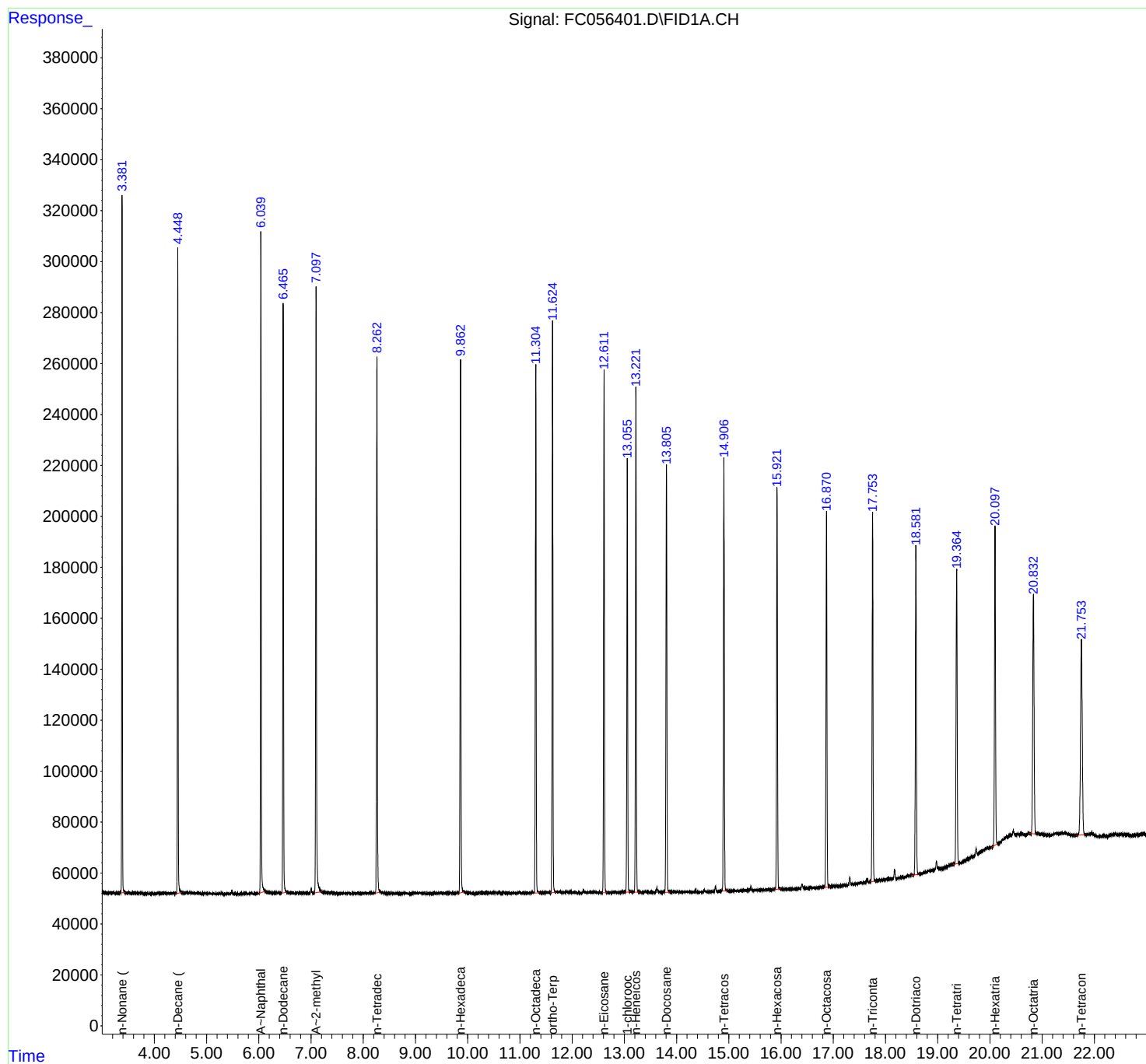
(m)=manual int.

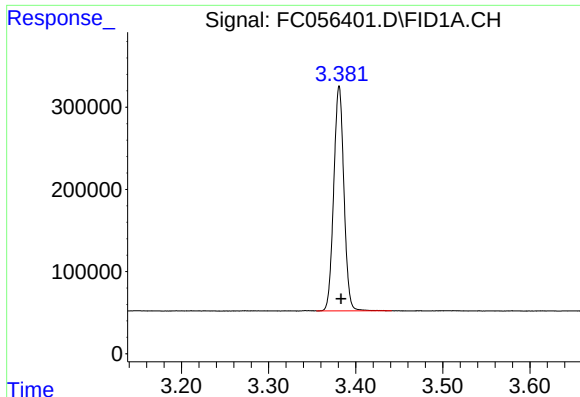
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102621AL\
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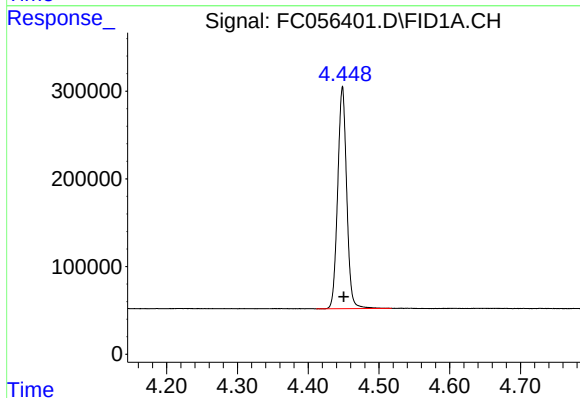




#1 n-Nonane (C9)

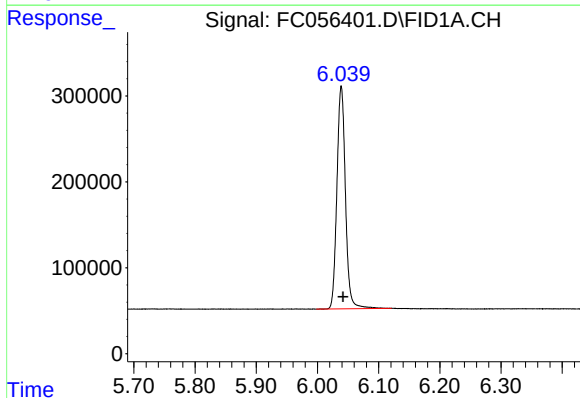
R.T.: 3.381 min
Delta R.T.: -0.002 min
Response: 2219632
Conc: 20.51 ug/ml

Instrument :
FID_C
ClientSampleId :



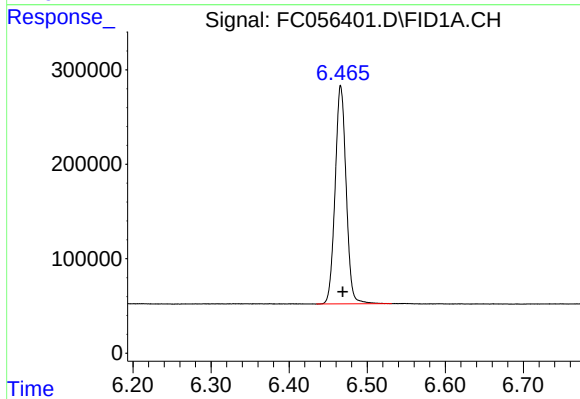
#2 n-Decane (C10)

R.T.: 4.448 min
Delta R.T.: -0.002 min
Response: 2233908
Conc: 20.74 ug/ml



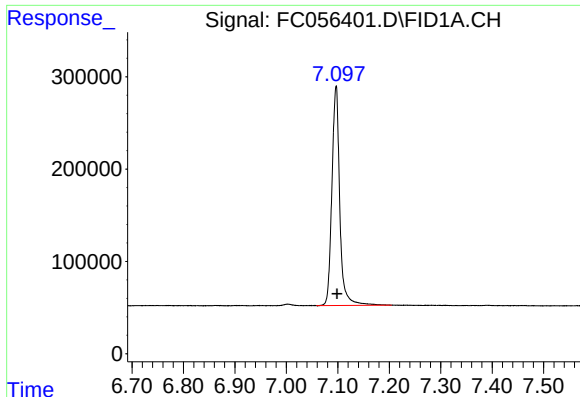
#3 A~Naphthalene (C11.7)

R.T.: 6.039 min
Delta R.T.: -0.003 min
Response: 2513269
Conc: 20.61 ug/ml



#4 n-Dodecane (C12)

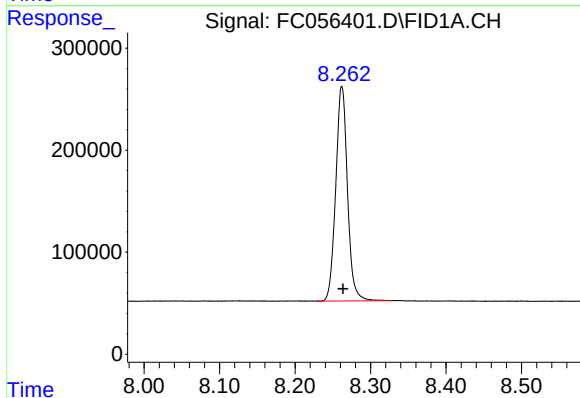
R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 2266341
Conc: 20.56 ug/ml



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

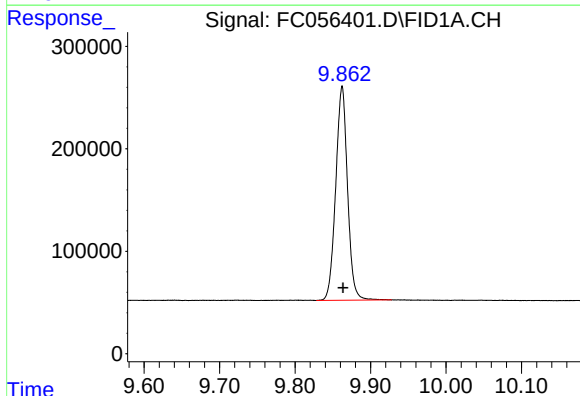
R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 2524647
Conc: 20.62 ug/ml

Instrument :
FID_C
ClientSampleId :



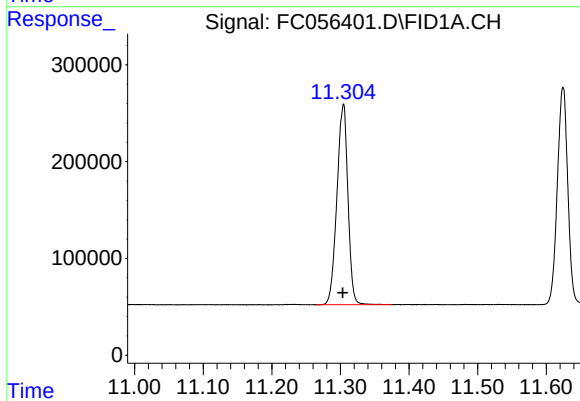
#6 n-Tetradecane (C14)

R.T.: 8.262 min
Delta R.T.: -0.002 min
Response: 2275717
Conc: 20.27 ug/ml



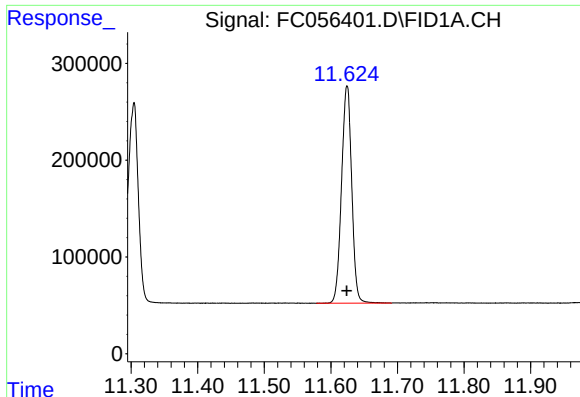
#7 n-Hexadecane (C16)

R.T.: 9.862 min
Delta R.T.: -0.002 min
Response: 2270043
Conc: 19.97 ug/ml



#8 n-Octadecane (C18)

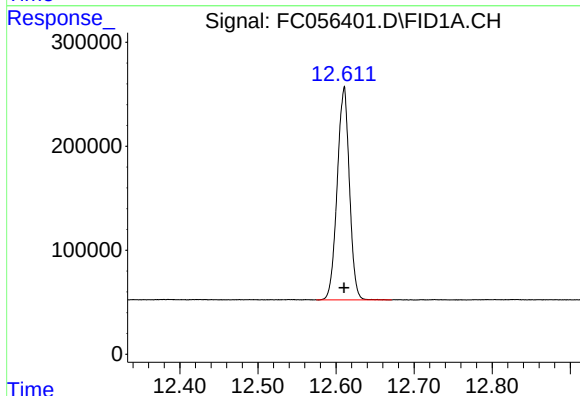
R.T.: 11.304 min
Delta R.T.: 0.000 min
Response: 2305128
Conc: 19.73 ug/ml



#9 ortho-Terphenyl (SURR)

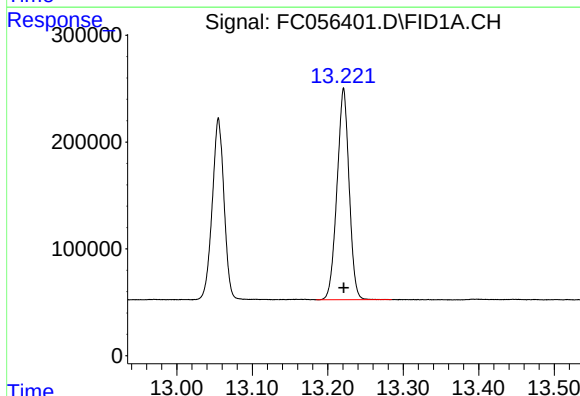
R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 2384577
Conc: 19.26 ug/ml

Instrument :
FID_C
ClientSampleId :



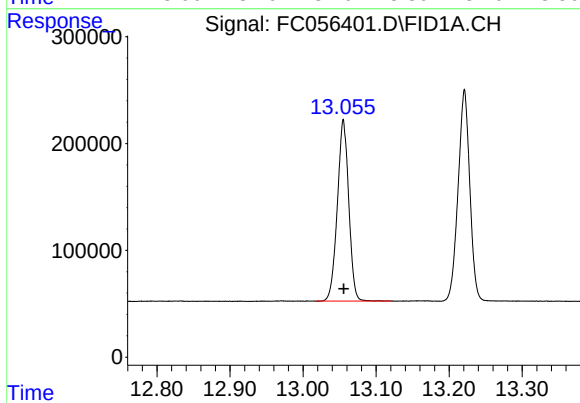
#10 n-Eicosane (C20)

R.T.: 12.610 min
Delta R.T.: 0.000 min
Response: 2221876
Conc: 19.33 ug/ml



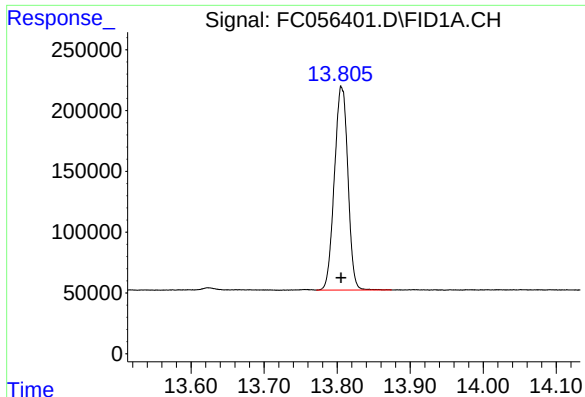
#11 n-Heneicosane (C21)

R.T.: 13.221 min
Delta R.T.: 0.000 min
Response: 2203208
Conc: 19.17 ug/ml



#12 1-chlorooctadecane (SURR)

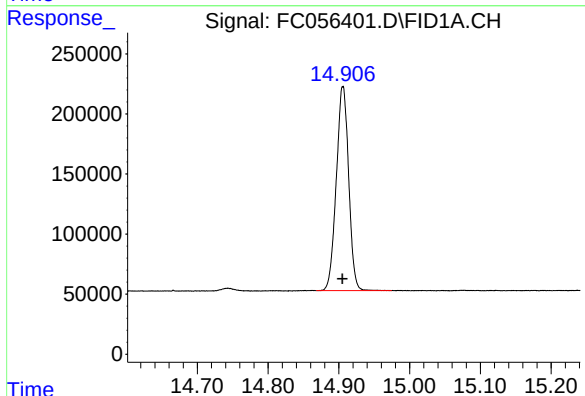
R.T.: 13.055 min
Delta R.T.: 0.000 min
Response: 1840701
Conc: 19.13 ug/ml



#13 n-Docosane (C22)

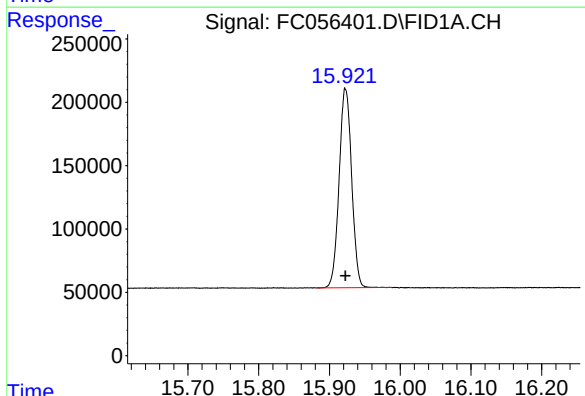
R.T.: 13.806 min
Delta R.T.: 0.000 min
Response: 2147145
Conc: 19.07 ug/ml

Instrument :
FID_C
ClientSampleId :



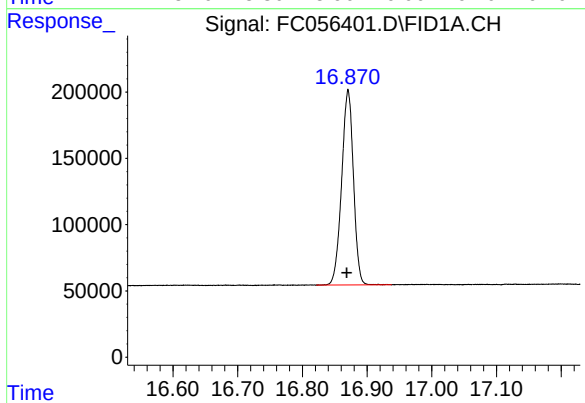
#14 n-Tetracosane (C24)

R.T.: 14.906 min
Delta R.T.: 0.000 min
Response: 2064763
Conc: 18.74 ug/ml



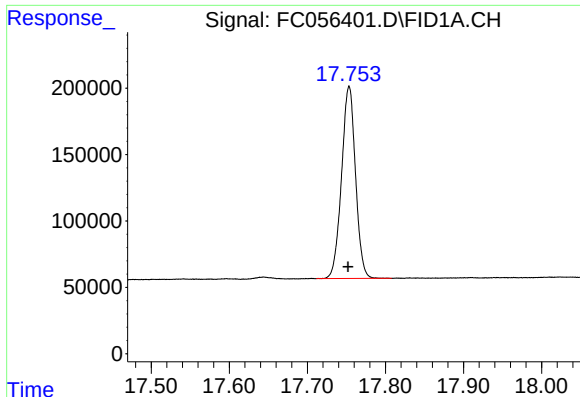
#15 n-Hexacosane (C26)

R.T.: 15.923 min
Delta R.T.: 0.000 min
Response: 1937208
Conc: 18.35 ug/ml



#16 n-Octacosane (C28)

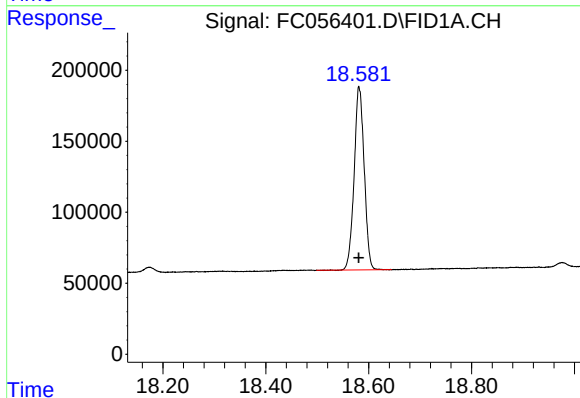
R.T.: 16.871 min
Delta R.T.: 0.002 min
Response: 1862402
Conc: 17.95 ug/ml



#17 n-Tricontane (C30)

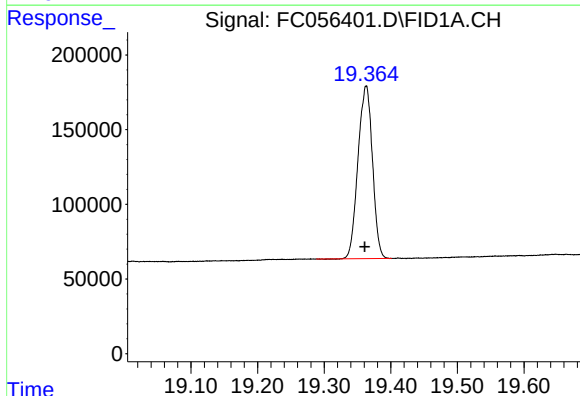
R.T.: 17.753 min
Delta R.T.: 0.001 min
Response: 1799983
Conc: 17.37 ug/ml

Instrument :
FID_C
ClientSampleId :



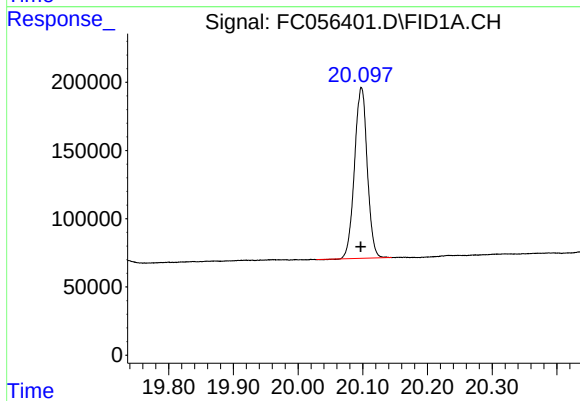
#18 n-Dotriacontane (C32)

R.T.: 18.582 min
Delta R.T.: 0.000 min
Response: 1751719
Conc: 18.28 ug/ml



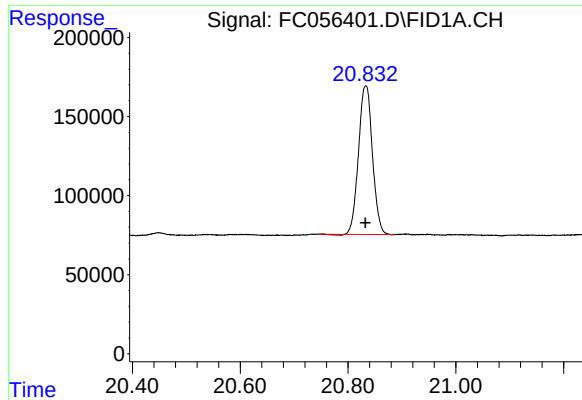
#19 n-Tetratriacontane (C34)

R.T.: 19.363 min
Delta R.T.: 0.002 min
Response: 1742765
Conc: 19.87 ug/ml



#20 n-Hexatriacontane (C36)

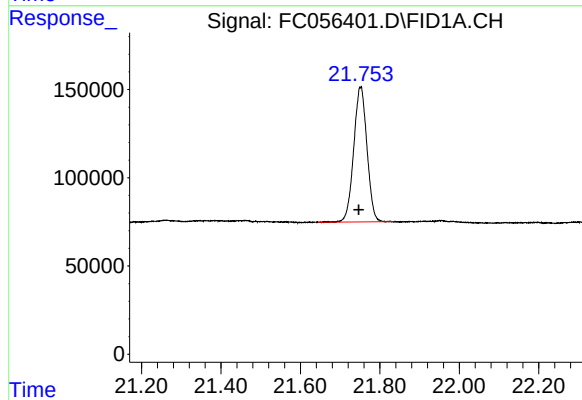
R.T.: 20.098 min
Delta R.T.: 0.000 min
Response: 1712674
Conc: 20.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.833 min
Delta R.T.: 0.000 min
Response: 1685070
Conc: 21.07 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.751 min
Delta R.T.: 0.005 min
Response: 1774988
Conc: 21.54 ug/ml