

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081720AL\
 Data File : FC049042.D
 Signal(s) : FID1A.CH
 Acq On : 17 Aug 2020 10:57
 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: Aug 18 01:02:09 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 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)	11.678	2527405	21.272 ug/ml
Spiked Amount 50.000		Recovery =	42.54%
12) S 1-chlorooctadecane (S...	13.109	2059552	21.171 ug/ml
Spiked Amount 50.000		Recovery =	42.34%
Target Compounds			
1) T n-Nonane (C9)	3.408	2188201	20.980 ug/ml
2) T n-Decane (C10)	4.484	2218216	21.148 ug/ml
3) T A~Naphthalene (C11.7)	6.082	2526958	21.367 ug/ml
4) T n-Dodecane (C12)	6.509	2264071	21.346 ug/ml
5) T A~2-methylnaphthalene...	7.141	2591834	21.496 ug/ml
6) T n-Tetradecane (C14)	8.308	2266546	21.523 ug/ml
7) T n-Hexadecane (C16)	9.911	2246981	21.407 ug/ml
8) T n-Octadecane (C18)	11.355	2349555	21.387 ug/ml
10) T n-Eicosane (C20)	12.665	2369156	21.290 ug/ml
11) T n-Heneicosane (C21)	13.277	2368233	21.200 ug/ml
13) T n-Docosane (C22)	13.862	2358577	20.984 ug/ml
14) T n-Tetracosane (C24)	14.965	2339424	20.578 ug/ml
15) T n-Hexacosane (C26)	15.985	2268984	19.831 ug/ml
16) T n-Octacosane (C28)	16.932	2200186	18.912 ug/ml
17) T n-Tricontane (C30)	17.818	2087793	18.061 ug/ml
18) T n-Dotriacontane (C32)	18.648	1877219	17.361 ug/ml
19) T n-Tetratriacontane (C34)	19.430	1758169	16.951 ug/ml
20) T n-Hexatriacontane (C36)	20.168	1686208	16.959 ug/ml
21) T n-Octatriacontane (C38)	20.921	1627679	17.213 ug/ml
22) T n-Tetracontane (C40)	21.873	1678110	17.578 ug/ml

(f)=RT Delta > 1/2 Window

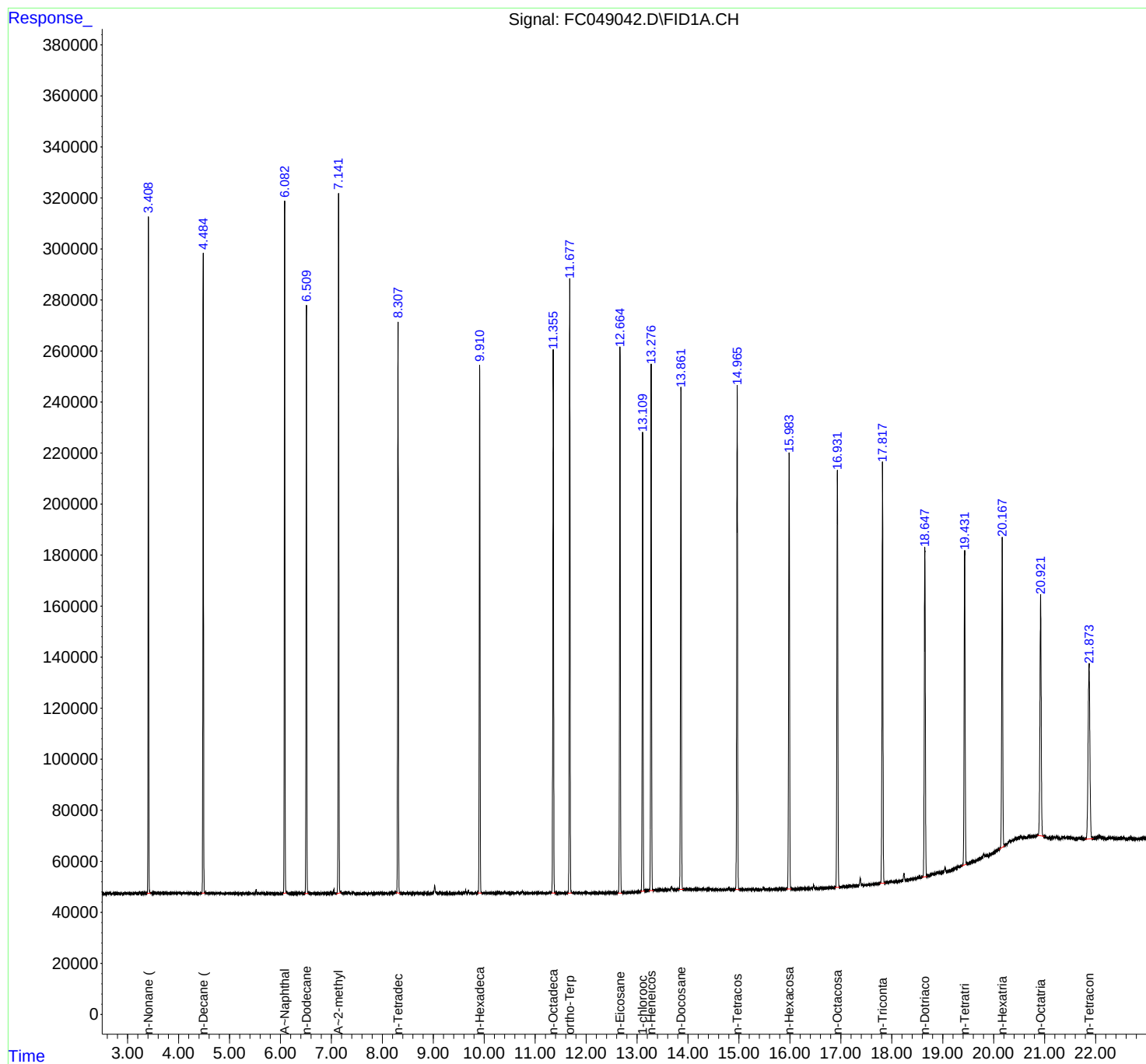
(m)=manual int.

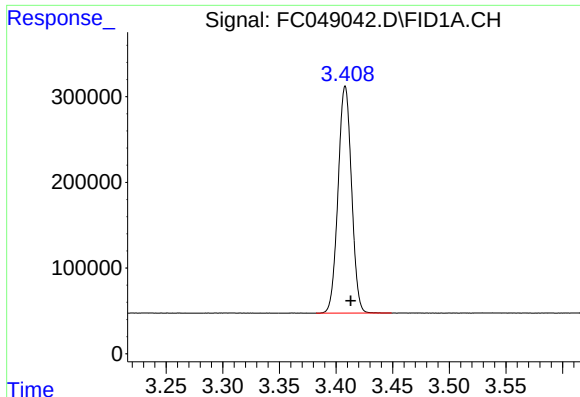
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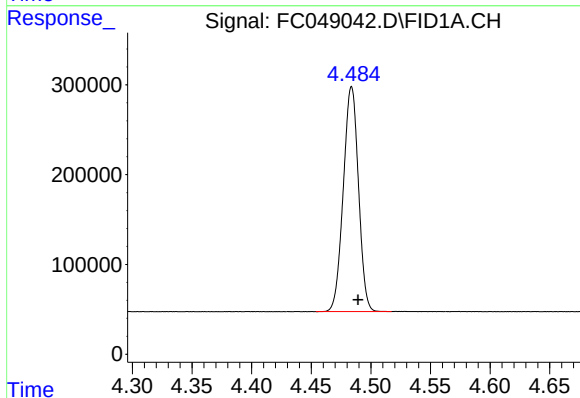




#1 n-Nonane (C9)

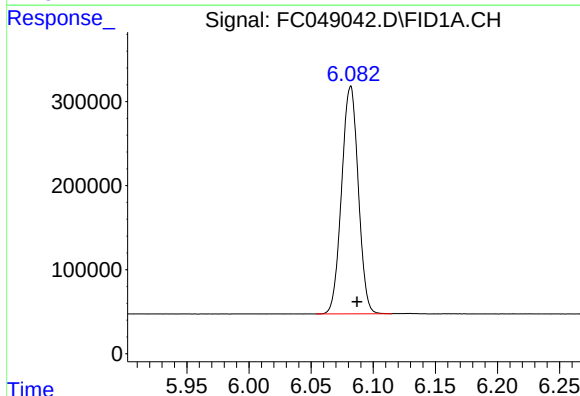
R.T.: 3.408 min
Delta R.T.: -0.005 min
Response: 2188201
Conc: 20.98 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



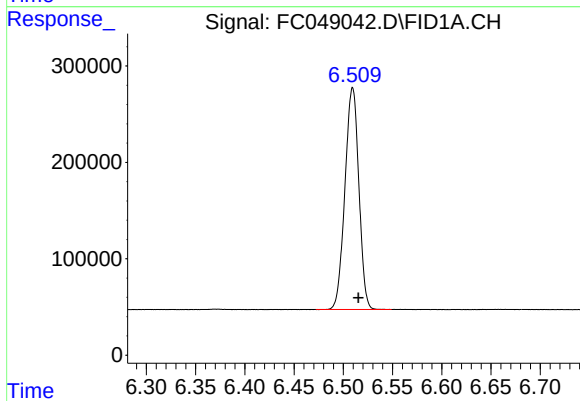
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.005 min
Response: 2218216
Conc: 21.15 ug/ml



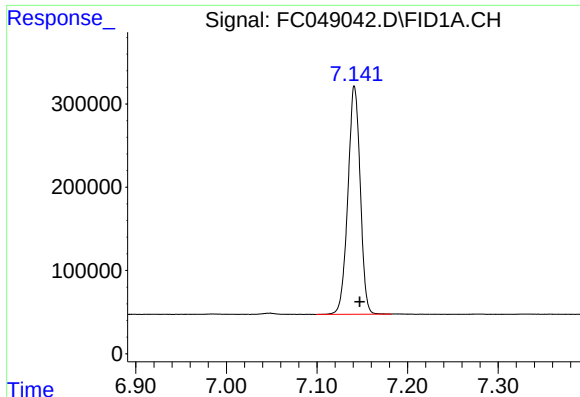
#3 A~Naphthalene (C11.7)

R.T.: 6.082 min
Delta R.T.: -0.005 min
Response: 2526958
Conc: 21.37 ug/ml



#4 n-Dodecane (C12)

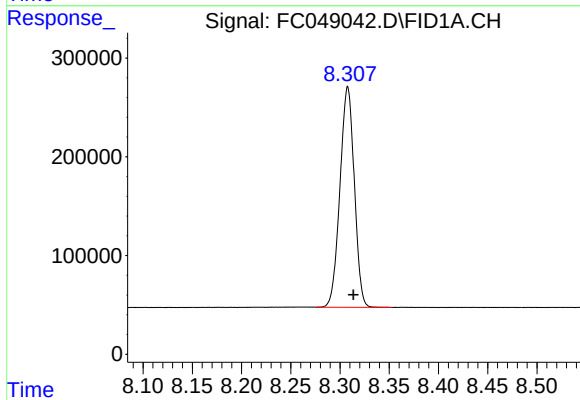
R.T.: 6.509 min
Delta R.T.: -0.006 min
Response: 2264071
Conc: 21.35 ug/ml



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

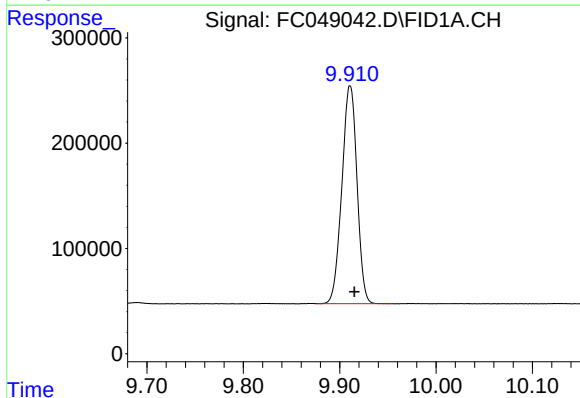
R.T.: 7.141 min
Delta R.T.: -0.006 min
Response: 2591834
Conc: 21.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



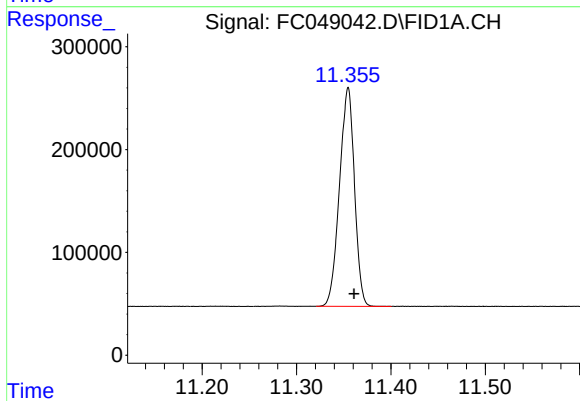
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: -0.006 min
Response: 2266546
Conc: 21.52 ug/ml



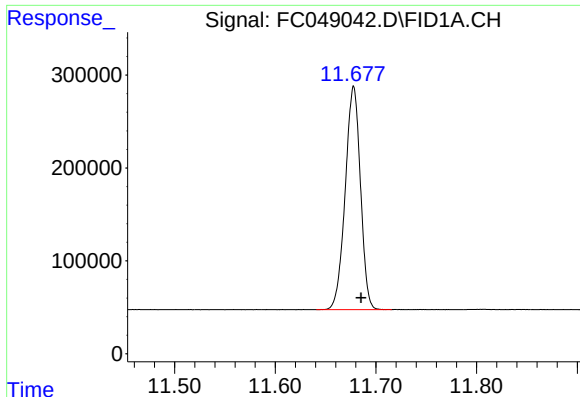
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.004 min
Response: 2246981
Conc: 21.41 ug/ml



#8 n-Octadecane (C18)

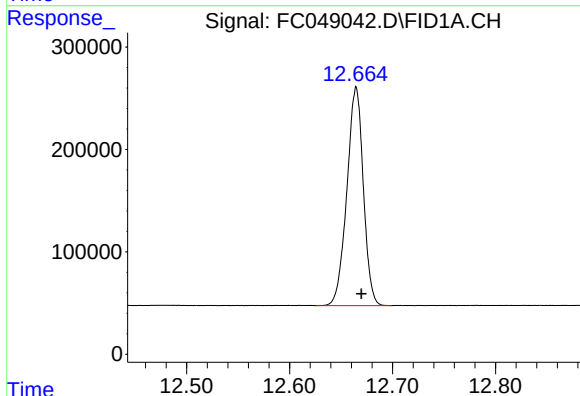
R.T.: 11.355 min
Delta R.T.: -0.006 min
Response: 2349555
Conc: 21.39 ug/ml



#9 ortho-Terphenyl (SURR)

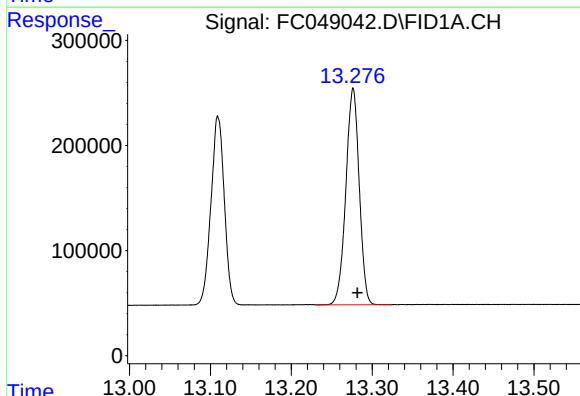
R.T.: 11.678 min
Delta R.T.: -0.008 min
Response: 2527405
Conc: 21.27 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



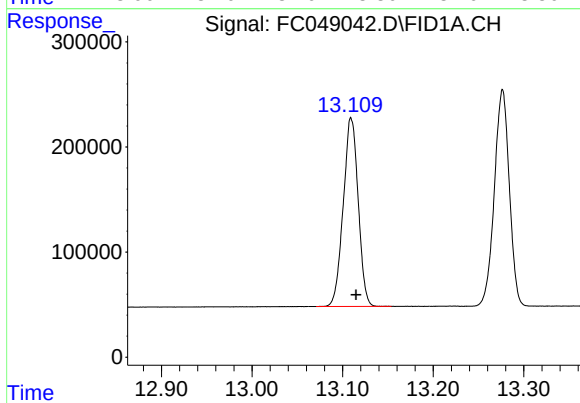
#10 n-Eicosane (C20)

R.T.: 12.665 min
Delta R.T.: -0.005 min
Response: 2369156
Conc: 21.29 ug/ml



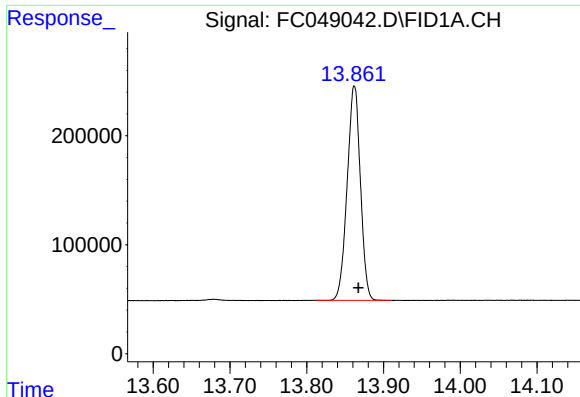
#11 n-Heneicosane (C21)

R.T.: 13.277 min
Delta R.T.: -0.005 min
Response: 2368233
Conc: 21.20 ug/ml



#12 1-chlorooctadecane (SURR)

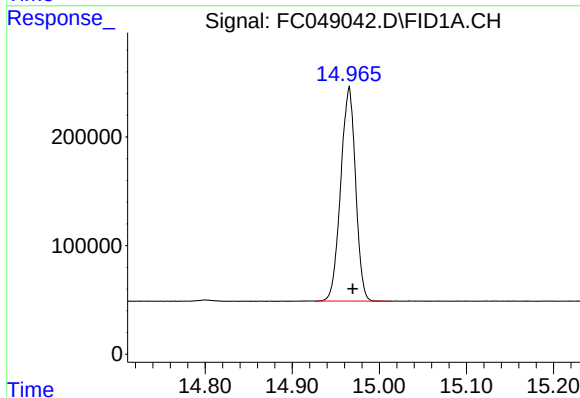
R.T.: 13.109 min
Delta R.T.: -0.005 min
Response: 2059552
Conc: 21.17 ug/ml



#13 n-Docosane (C22)

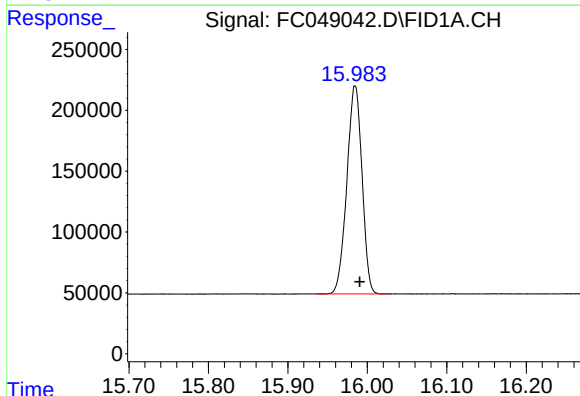
R.T.: 13.862 min
Delta R.T.: -0.005 min
Response: 2358577
Conc: 20.98 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



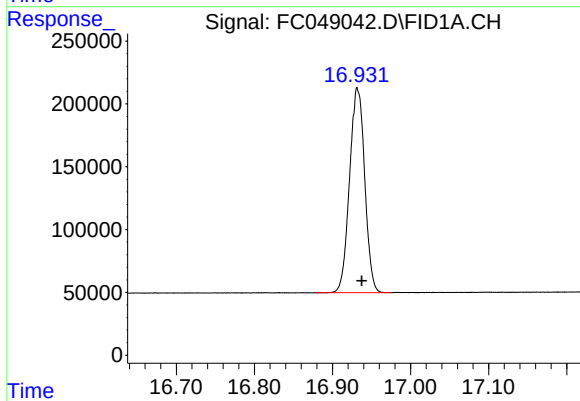
#14 n-Tetracosane (C24)

R.T.: 14.965 min
Delta R.T.: -0.004 min
Response: 2339424
Conc: 20.58 ug/ml



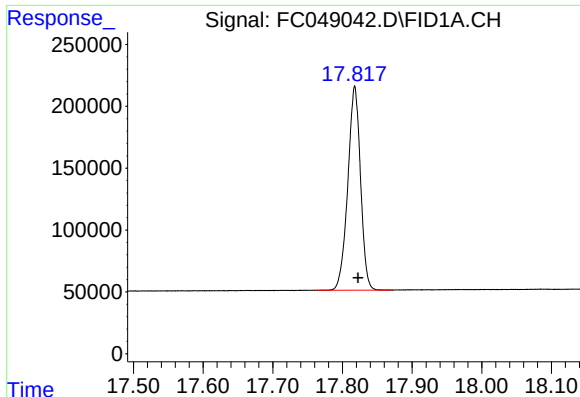
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: -0.006 min
Response: 2268984
Conc: 19.83 ug/ml



#16 n-Octacosane (C28)

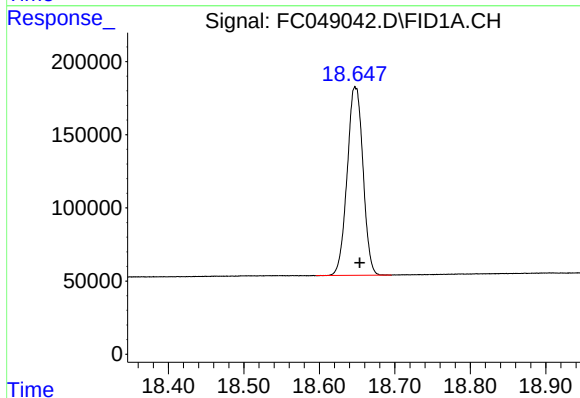
R.T.: 16.932 min
Delta R.T.: -0.005 min
Response: 2200186
Conc: 18.91 ug/ml



#17 n-Tricontane (C30)

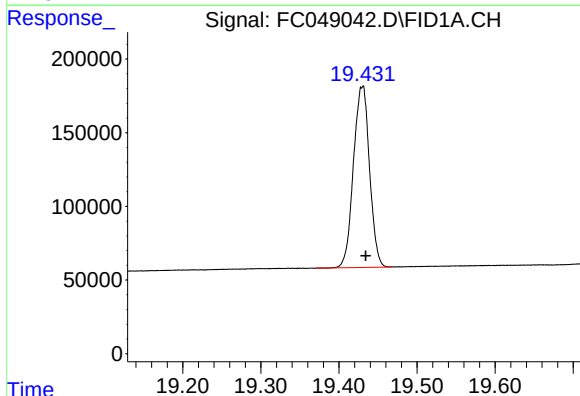
R.T.: 17.818 min
Delta R.T.: -0.005 min
Response: 2087793
Conc: 18.06 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



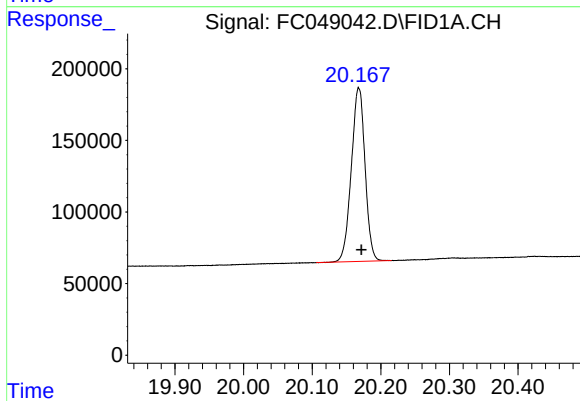
#18 n-Dotriacontane (C32)

R.T.: 18.648 min
Delta R.T.: -0.006 min
Response: 1877219
Conc: 17.36 ug/ml



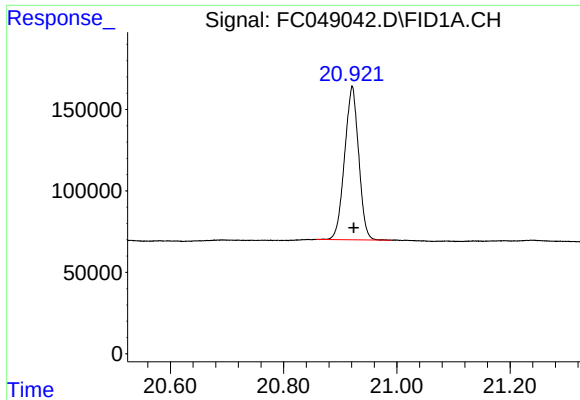
#19 n-Tetratriacontane (C34)

R.T.: 19.430 min
Delta R.T.: -0.004 min
Response: 1758169
Conc: 16.95 ug/ml



#20 n-Hexatriacontane (C36)

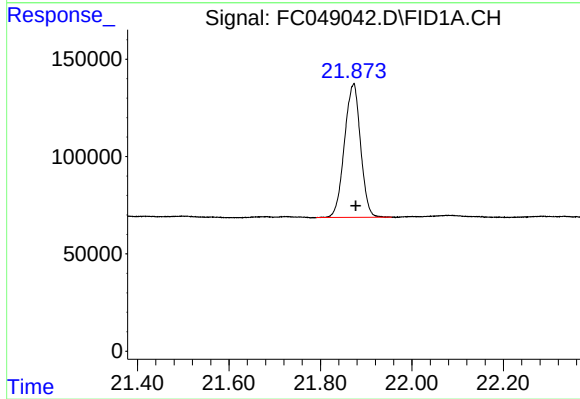
R.T.: 20.168 min
Delta R.T.: -0.004 min
Response: 1686208
Conc: 16.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.921 min
Delta R.T.: -0.003 min
Response: 1627679
Conc: 17.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.873 min
Delta R.T.: -0.004 min
Response: 1678110
Conc: 17.58 ug/ml