

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100520AL\
 Data File : FC049942.D
 Signal(s) : FID1A.CH
 Acq On : 05 Oct 2020 22:24
 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

Manual Integrations
 APPROVED

Ankita
 10/6/2020 12:16:19 PM

Integration File: autoint1.e
 Quant Time: Oct 06 02:47:07 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 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)	11.649	2227458	19.387 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
12) S 1-chlorooctadecane (S...	13.082	1705853	19.151 ug/ml
Spiked Amount 50.000		Recovery =	38.30%
Target Compounds			
1) T n-Nonane (C9)	3.390	2188253	21.152 ug/ml
2) T n-Decane (C10)	4.462	2219353	21.367 ug/ml
3) T A~Naphthalene (C11.7)	6.058	2383997	20.734 ug/ml
4) T n-Dodecane (C12)	6.485	2227458	21.072 ug/ml
5) T A~2-methylnaphthalene...	7.117	2381314	20.367 ug/ml
6) T n-Tetradecane (C14)	8.283	2169773	20.567 ug/ml
7) T n-Hexadecane (C16)	9.884	2084963	20.035 ug/ml
8) T n-Octadecane (C18)	11.327	2127863	19.799 ug/ml
10) T n-Eicosane (C20)	12.637	2088351	19.503 ug/ml
11) T n-Heneicosane (C21)	13.249	2060440	19.362 ug/ml
13) T n-Docosane (C22)	13.835	2050626	19.378 ug/ml
14) T n-Tetracosane (C24)	14.938	2021523	19.318 ug/ml
15) T n-Hexacosane (C26)	15.958	1985653	19.424 ug/ml
16) T n-Octacosane (C28)	16.907	1996724	19.868 ug/ml
17) T n-Tricontane (C30)	17.793	2013314	20.678 ug/ml
18) T n-Dotriacontane (C32)	18.624	1928513	21.342 ug/ml
19) T n-Tetratriacontane (C34)	19.405	1844066	21.542 ug/mlm
20) T n-Hexatriacontane (C36)	20.143	1763620	21.891 ug/mlm
21) T n-Octatriacontane (C38)	20.894	1707515	22.555 ug/mlm
22) T n-Tetracontane (C40)	21.838	1689077	21.708 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

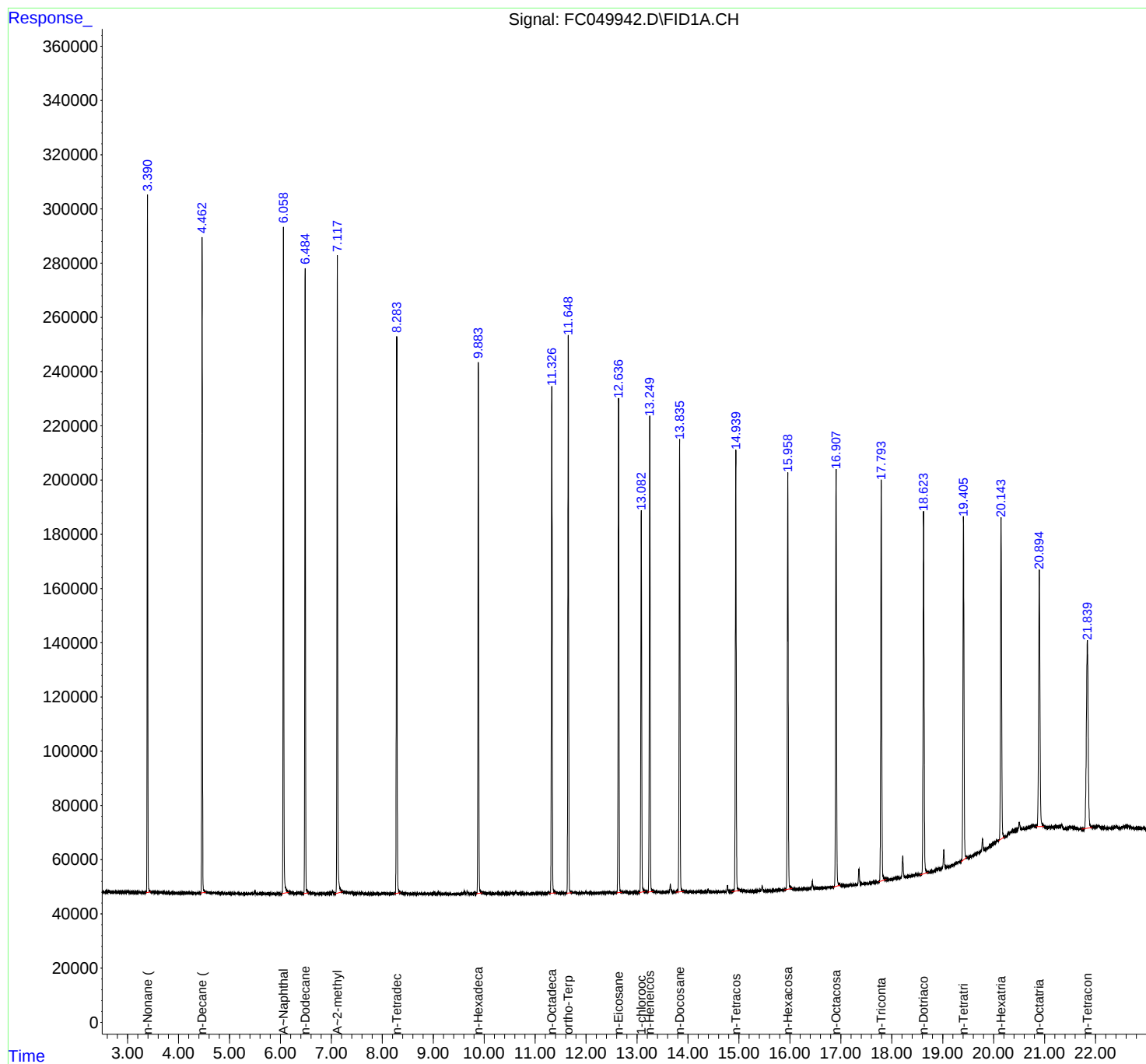
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

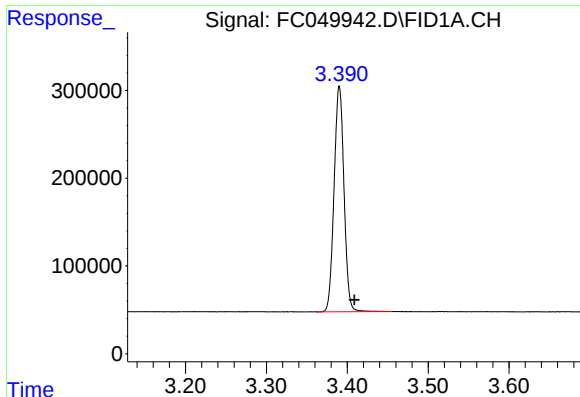
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Quant Time: Oct 06 02:47:07 2020
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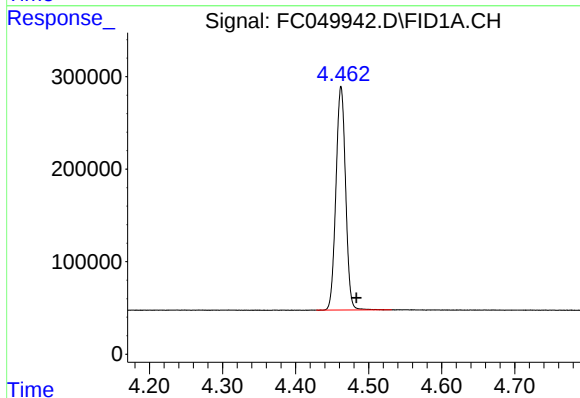
#1 n-Nonane (C9)

R.T.: 3.390 min
Delta R.T.: -0.019 min
Response: 2188253
Conc: 21.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

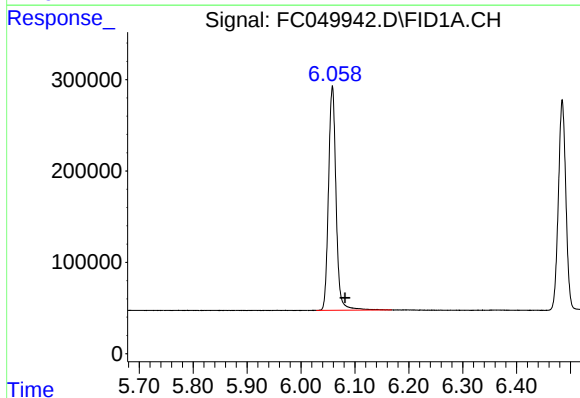
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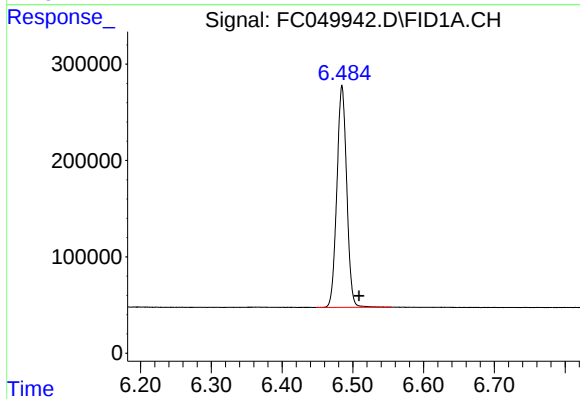
#2 n-Decane (C10)

R.T.: 4.462 min
Delta R.T.: -0.021 min
Response: 2219353
Conc: 21.37 ug/ml



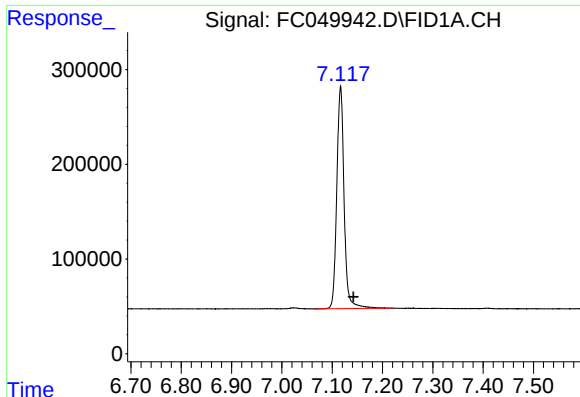
#3 A~Naphthalene (C11.7)

R.T.: 6.058 min
Delta R.T.: -0.024 min
Response: 2383997
Conc: 20.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.485 min
Delta R.T.: -0.024 min
Response: 2227458
Conc: 21.07 ug/ml



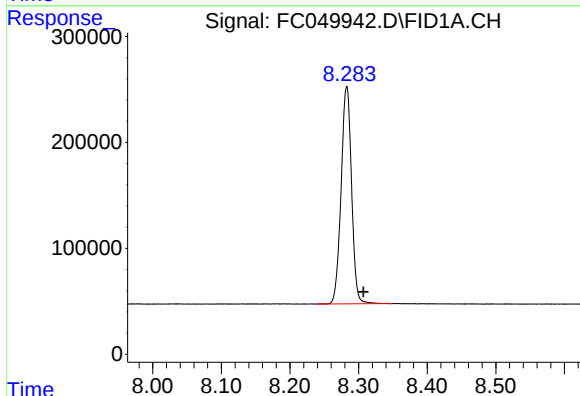
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.117 min
Delta R.T.: -0.026 min
Response: 2381314
Conc: 20.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

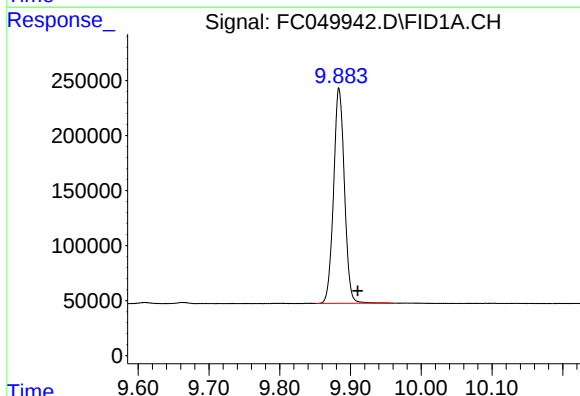
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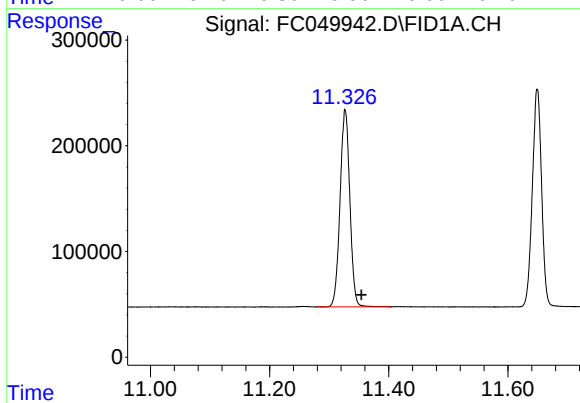
#6 n-Tetradecane (C14)

R.T.: 8.283 min
Delta R.T.: -0.025 min
Response: 2169773
Conc: 20.57 ug/ml



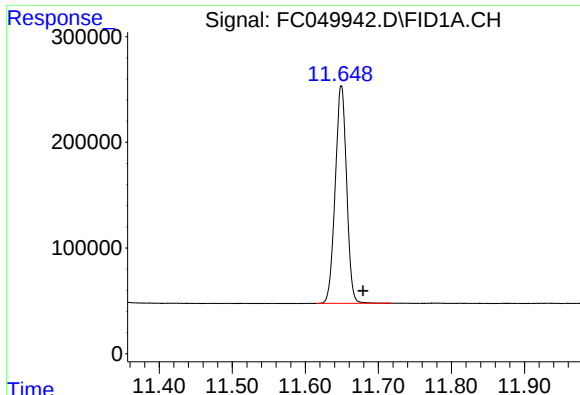
#7 n-Hexadecane (C16)

R.T.: 9.884 min
Delta R.T.: -0.026 min
Response: 2084963
Conc: 20.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.327 min
Delta R.T.: -0.027 min
Response: 2127863
Conc: 19.80 ug/ml



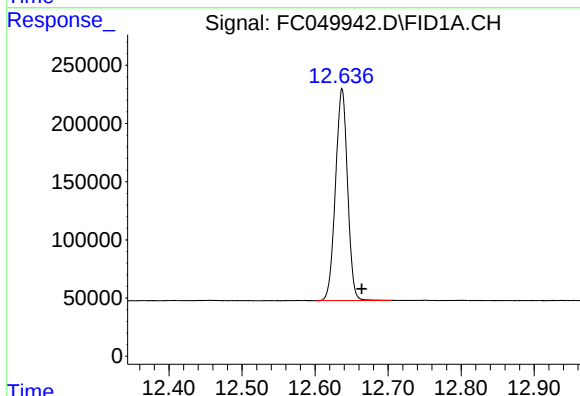
#9 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: -0.030 min
Response: 2227458
Conc: 19.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

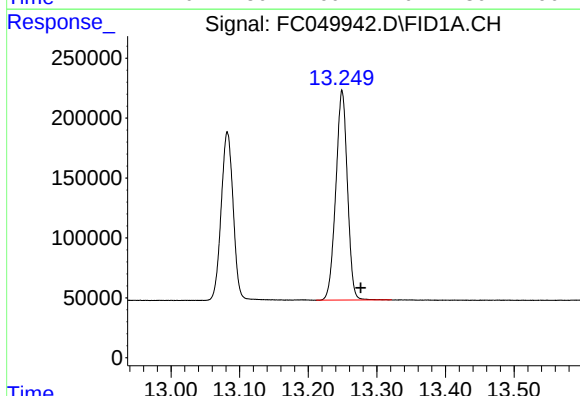
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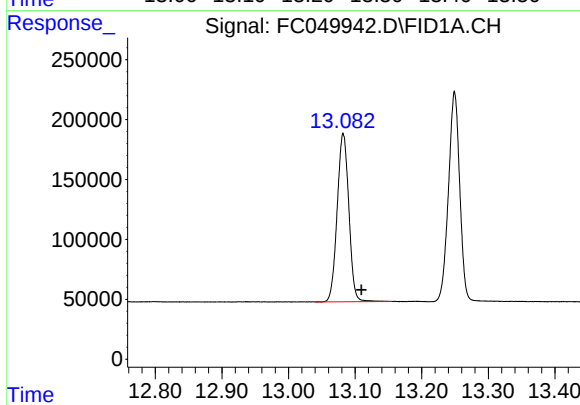
#10 n-Eicosane (C20)

R.T.: 12.637 min
Delta R.T.: -0.027 min
Response: 2088351
Conc: 19.50 ug/ml



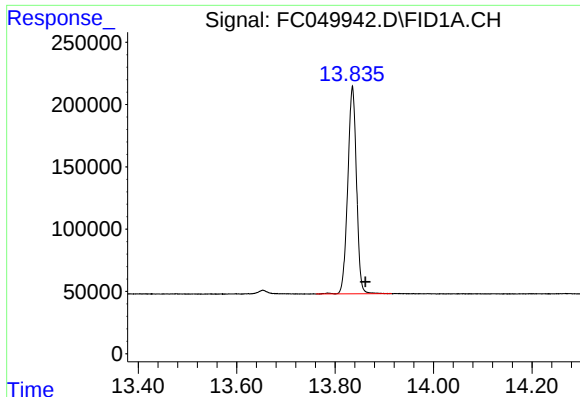
#11 n-Heneicosane (C21)

R.T.: 13.249 min
Delta R.T.: -0.027 min
Response: 2060440
Conc: 19.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.082 min
Delta R.T.: -0.027 min
Response: 1705853
Conc: 19.15 ug/ml



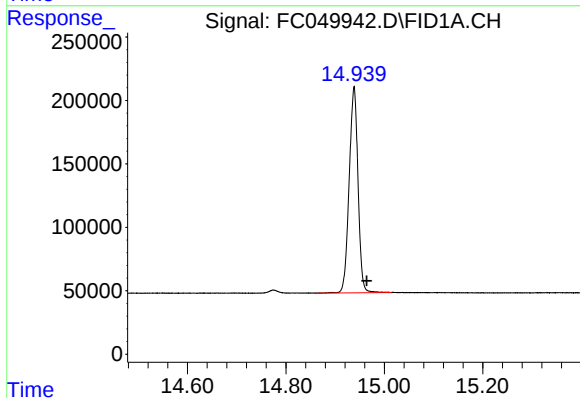
#13 n-Docosane (C22)

R.T.: 13.835 min
Delta R.T.: -0.027 min
Response: 2050626
Conc: 19.38 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

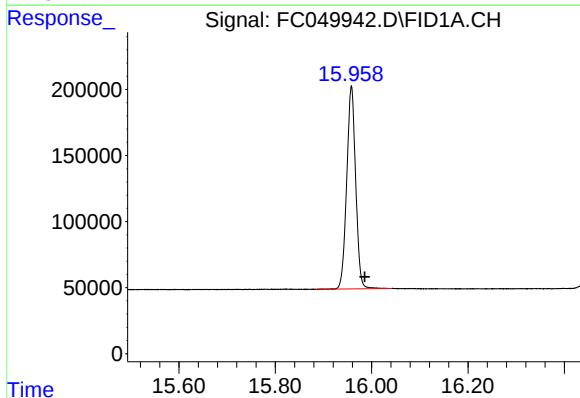
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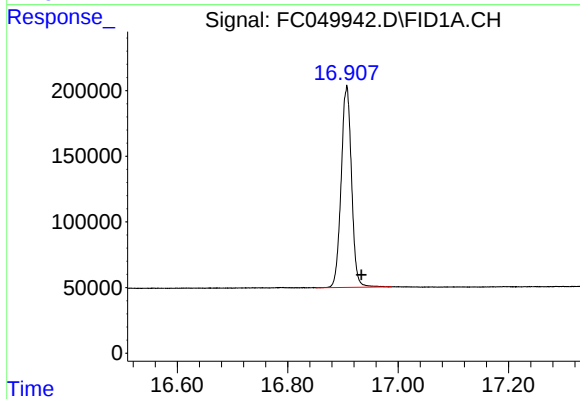
#14 n-Tetracosane (C24)

R.T.: 14.938 min
Delta R.T.: -0.026 min
Response: 2021523
Conc: 19.32 ug/ml



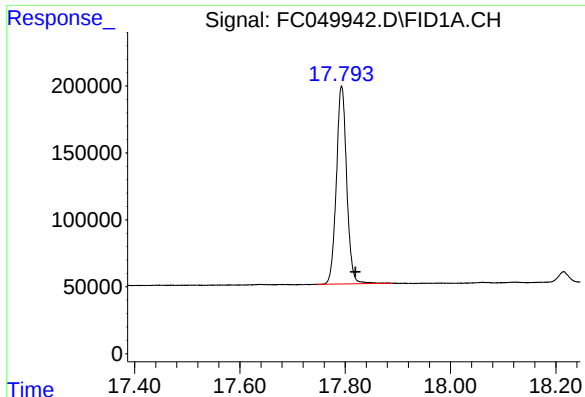
#15 n-Hexacosane (C26)

R.T.: 15.958 min
Delta R.T.: -0.028 min
Response: 1985653
Conc: 19.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.907 min
Delta R.T.: -0.027 min
Response: 1996724
Conc: 19.87 ug/ml



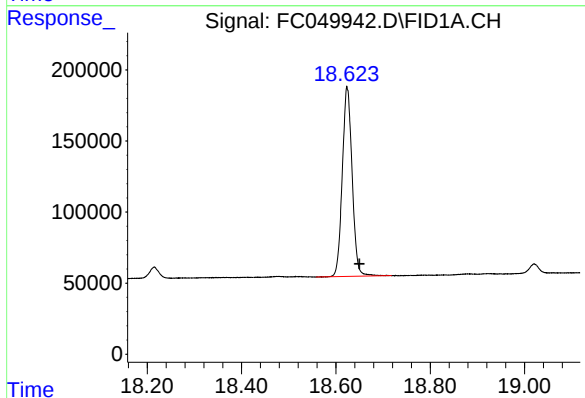
#17 n-Tricontane (C30)

R.T.: 17.793 min
Delta R.T.: -0.026 min
Response: 2013314
Conc: 20.68 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

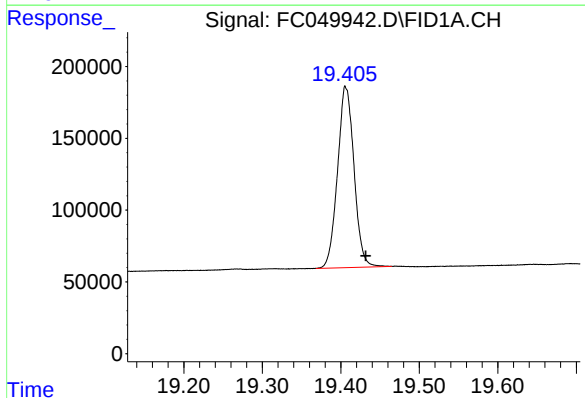
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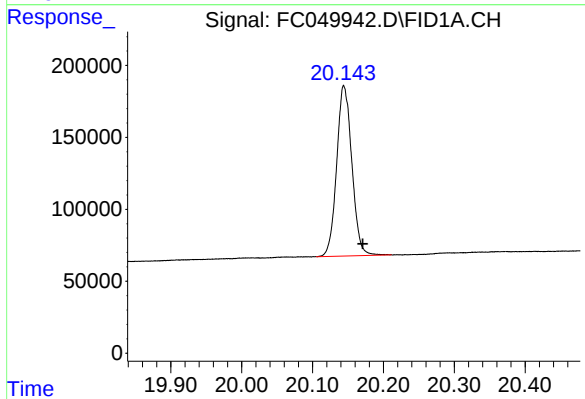
#18 n-Dotriacontane (C32)

R.T.: 18.624 min
Delta R.T.: -0.026 min
Response: 1928513
Conc: 21.34 ug/ml



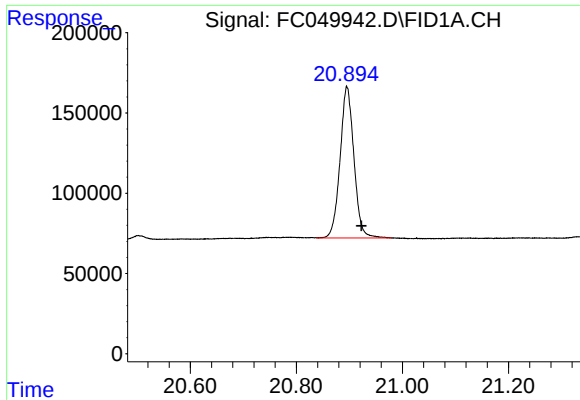
#19 n-Tetratriacontane (C34)

R.T.: 19.405 min
Delta R.T.: -0.027 min
Response: 1844066
Conc: 21.54 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.143 min
Delta R.T.: -0.028 min
Response: 1763620
Conc: 21.89 ug/ml m



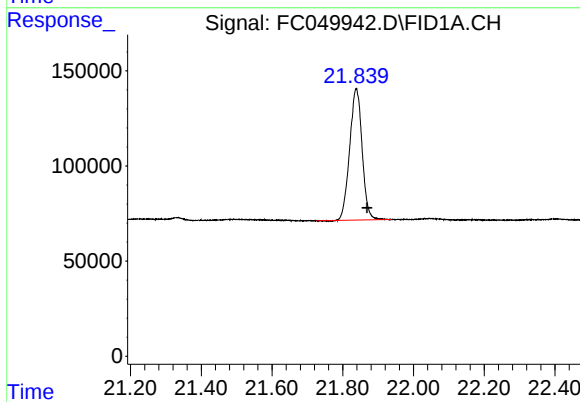
#21 n-Octatriacontane (C38)

R.T.: 20.894 min
Delta R.T.: -0.029 min
Response: 1707515
Conc: 22.55 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.838 min
Delta R.T.: -0.031 min
Response: 1689077
Conc: 21.71 ug/ml