

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100520AL\
 Data File : FC049922.D
 Signal(s) : FID1A.CH
 Acq On : 05 Oct 2020 9:58
 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

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 10/6/2020 12:16:09 PM

Integration File: autoint1.e
 Quant Time: Oct 05 16:14:39 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)	11.654	2083695	18.136 ug/ml
Spiked Amount 50.000		Recovery =	36.27%
12) S 1-chlorooctadecane (S...	13.087	1591619	17.869 ug/ml
Spiked Amount 50.000		Recovery =	35.74%
Target Compounds			
1) T n-Nonane (C9)	3.391	2126776	20.558 ug/ml
2) T n-Decane (C10)	4.463	2145467	20.656 ug/ml
3) T A~Naphthalene (C11.7)	6.061	2289442	19.912 ug/ml
4) T n-Dodecane (C12)	6.487	2141158	20.256 ug/ml
5) T A~2-methylnaphthalene...	7.120	2279816	19.499 ug/ml
6) T n-Tetradecane (C14)	8.285	2080706	19.723 ug/ml
7) T n-Hexadecane (C16)	9.888	1985025	19.074 ug/ml
8) T n-Octadecane (C18)	11.332	2003915	18.646 ug/ml
10) T n-Eicosane (C20)	12.642	1955137	18.259 ug/ml
11) T n-Heneicosane (C21)	13.254	1922276	18.064 ug/ml
13) T n-Docosane (C22)	13.841	1906327	18.014 ug/ml
14) T n-Tetracosane (C24)	14.943	1868180	17.853 ug/ml
15) T n-Hexacosane (C26)	15.963	1845114	18.049 ug/ml
16) T n-Octacosane (C28)	16.913	1857756	18.485 ug/ml
17) T n-Tricontane (C30)	17.800	1883035	19.340 ug/ml
18) T n-Dotriacontane (C32)	18.631	1841799	20.383 ug/mlm
19) T n-Tetratriacontane (C34)	19.413	1786291	20.867 ug/mlm
20) T n-Hexatriacontane (C36)	20.153	1683908	20.901 ug/mlm
21) T n-Octatriacontane (C38)	20.906	1632804	21.568 ug/mlm
22) T n-Tetracontane (C40)	21.846	1632136	20.976 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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Misc :
ALS Vial : 2 Sample Multiplier: 1

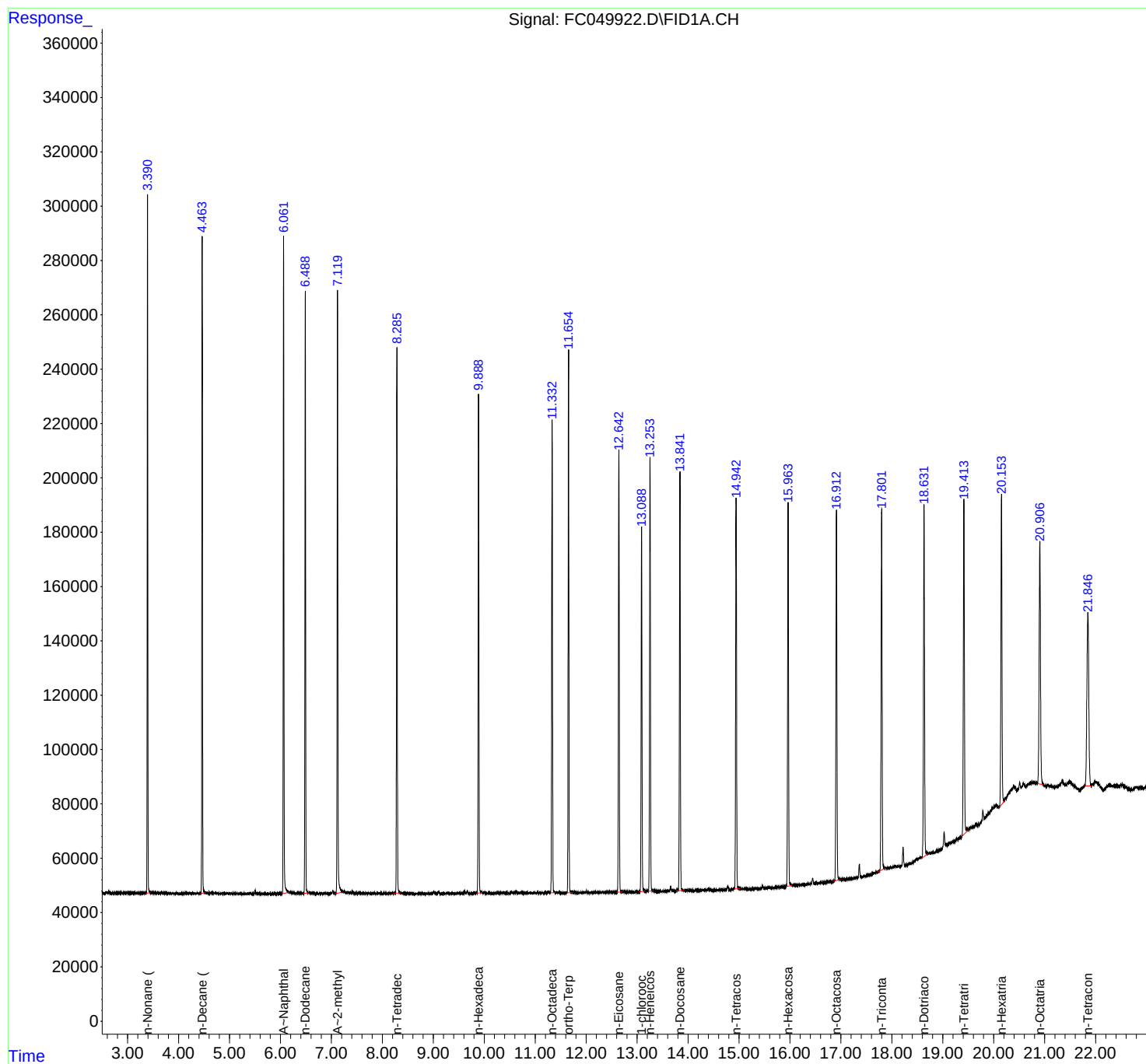
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

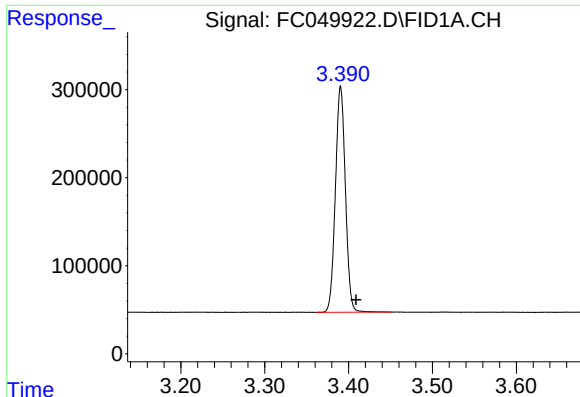
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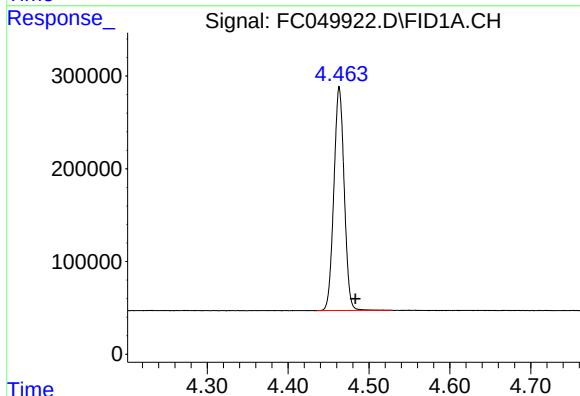
#1 n-Nonane (C9)

R.T.: 3.391 min
Delta R.T.: -0.018 min
Response: 2126776
Conc: 20.56 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

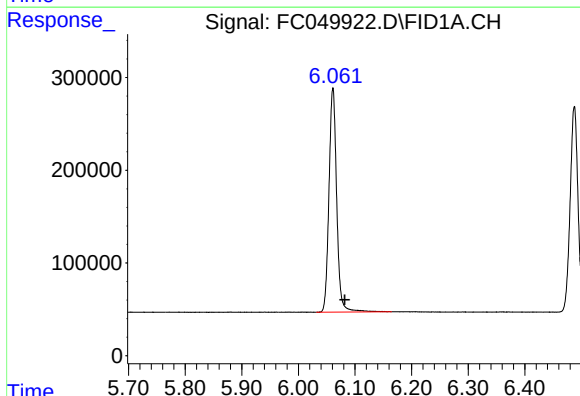
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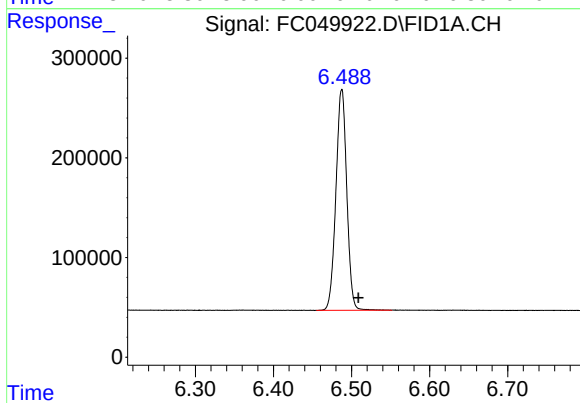
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: -0.020 min
Response: 2145467
Conc: 20.66 ug/ml



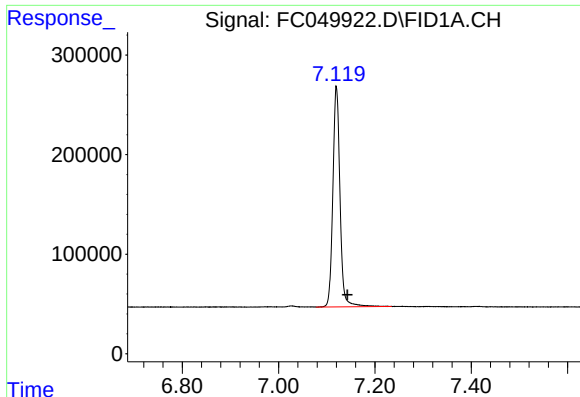
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: -0.021 min
Response: 2289442
Conc: 19.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.487 min
Delta R.T.: -0.021 min
Response: 2141158
Conc: 20.26 ug/ml



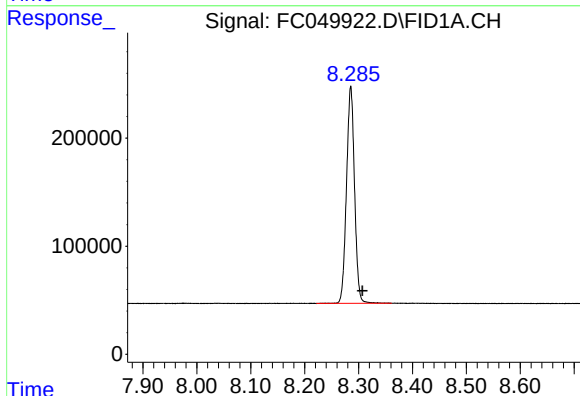
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.120 min
Delta R.T.: -0.023 min
Response: 2279816
Conc: 19.50 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

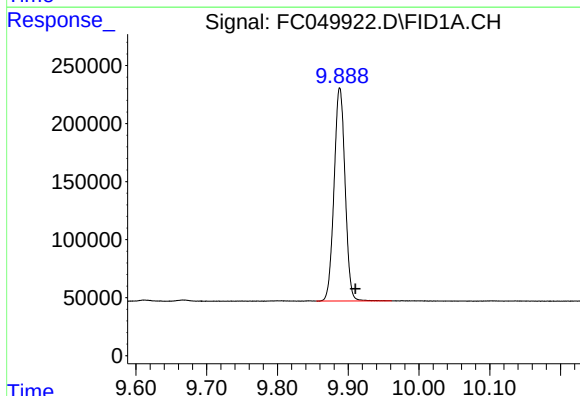
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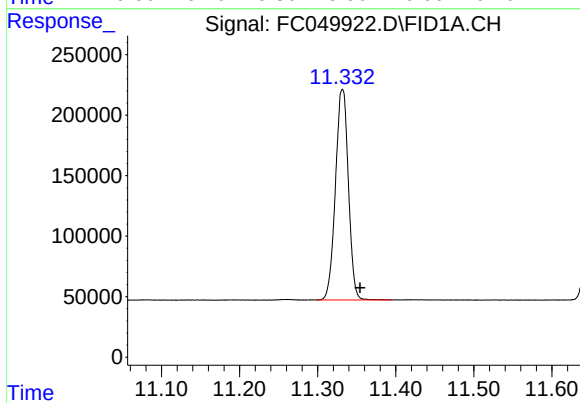
#6 n-Tetradecane (C14)

R.T.: 8.285 min
Delta R.T.: -0.022 min
Response: 2080706
Conc: 19.72 ug/ml



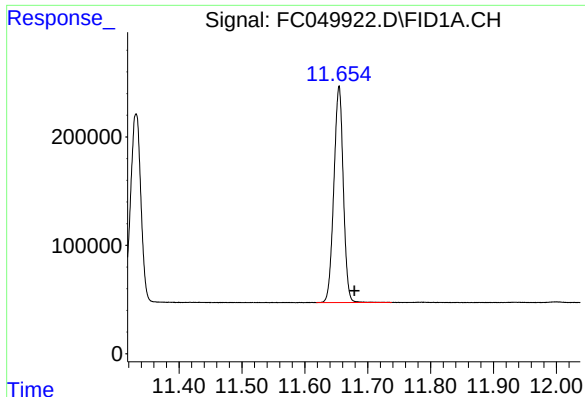
#7 n-Hexadecane (C16)

R.T.: 9.888 min
Delta R.T.: -0.022 min
Response: 1985025
Conc: 19.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.332 min
Delta R.T.: -0.023 min
Response: 2003915
Conc: 18.65 ug/ml



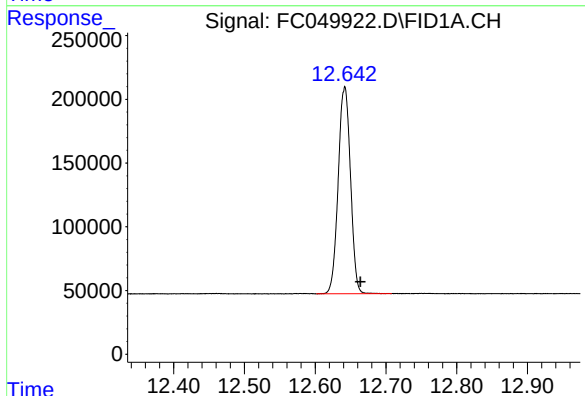
#9 ortho-Terphenyl (SURR)

R.T.: 11.654 min
Delta R.T.: -0.025 min
Response: 2083695
Conc: 18.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

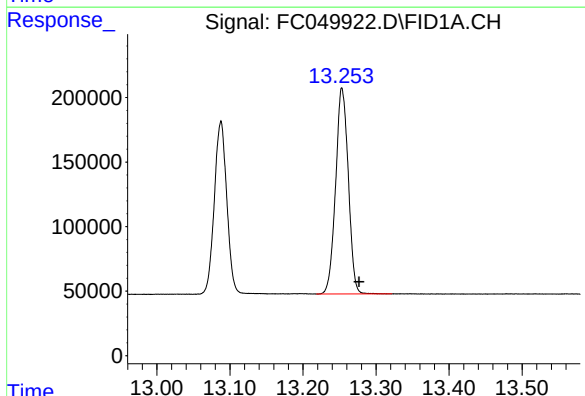
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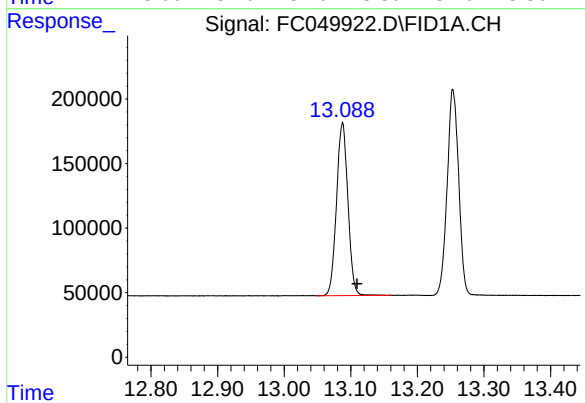
#10 n-Eicosane (C20)

R.T.: 12.642 min
Delta R.T.: -0.022 min
Response: 1955137
Conc: 18.26 ug/ml



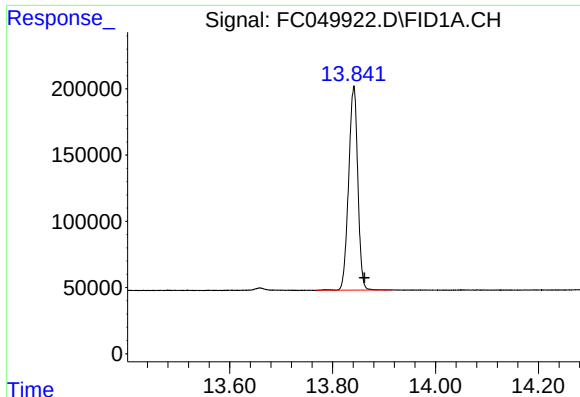
#11 n-Heneicosane (C21)

R.T.: 13.254 min
Delta R.T.: -0.023 min
Response: 1922276
Conc: 18.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.087 min
Delta R.T.: -0.022 min
Response: 1591619
Conc: 17.87 ug/ml



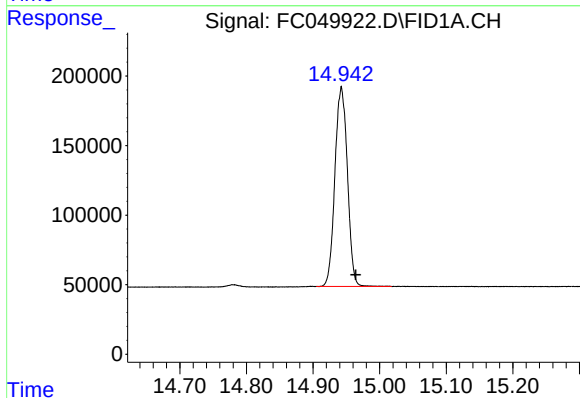
#13 n-Docosane (C22)

R.T.: 13.841 min
Delta R.T.: -0.021 min
Response: 1906327
Conc: 18.01 ug/ml

Instrument :
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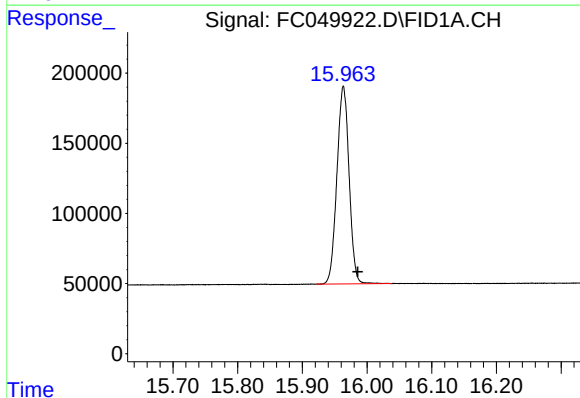
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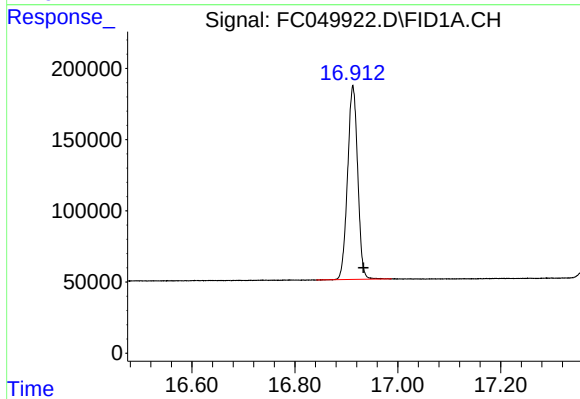
#14 n-Tetracosane (C24)

R.T.: 14.943 min
Delta R.T.: -0.022 min
Response: 1868180
Conc: 17.85 ug/ml



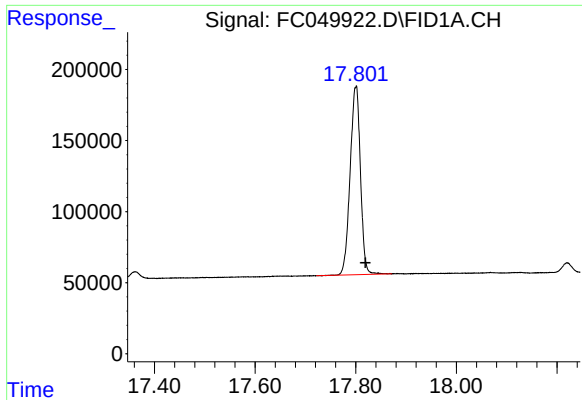
#15 n-Hexacosane (C26)

R.T.: 15.963 min
Delta R.T.: -0.022 min
Response: 1845114
Conc: 18.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.913 min
Delta R.T.: -0.021 min
Response: 1857756
Conc: 18.49 ug/ml



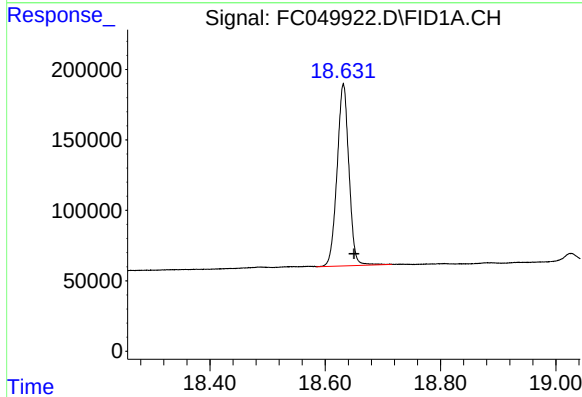
#17 n-Tricontane (C30)

R.T.: 17.800 min
Delta R.T.: -0.019 min
Response: 1883035
Conc: 19.34 ug/ml

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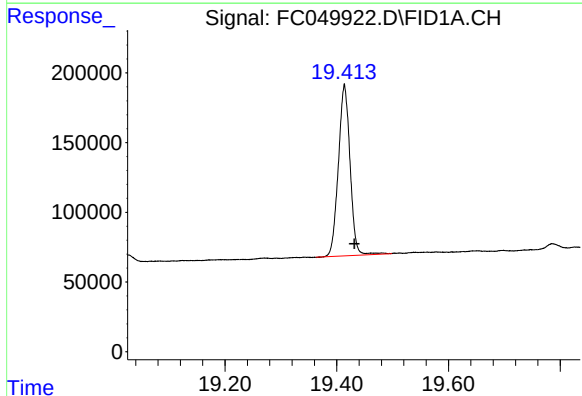
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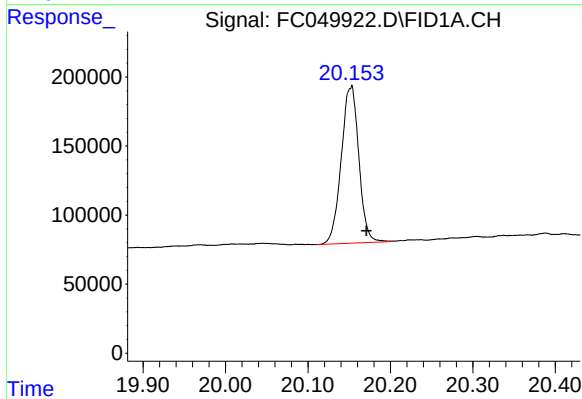
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: -0.019 min
Response: 1841799
Conc: 20.38 ug/ml m



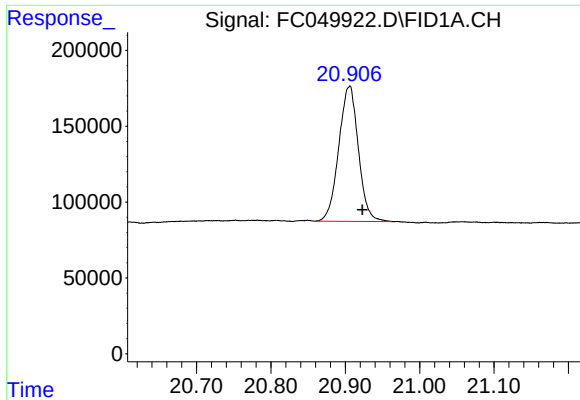
#19 n-Tetratriacontane (C34)

R.T.: 19.413 min
Delta R.T.: -0.019 min
Response: 1786291
Conc: 20.87 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.153 min
Delta R.T.: -0.018 min
Response: 1683908
Conc: 20.90 ug/ml m



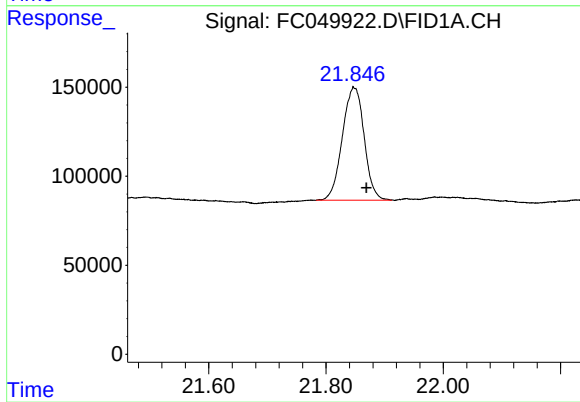
#21 n-Octatriacontane (C38)

R.T.: 20.906 min
Delta R.T.: -0.017 min
Response: 1632804
Conc: 21.57 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.846 min
Delta R.T.: -0.023 min
Response: 1632136
Conc: 20.98 ug/ml m