

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042020AL\
 Data File : FC046951.D
 Signal(s) : FID1A.CH
 Acq On : 20 Apr 2020 22:31
 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

Sohil
 4/21/2020 2:46:23 PM

Integration File: autoint1.e
 Quant Time: Apr 21 01:01:06 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 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)	11.756	2081796	19.044 ug/ml
Spiked Amount 50.000		Recovery =	38.09%
12) S 1-chlorooctadecane (S...	13.171	1637865	19.006 ug/ml
Spiked Amount 50.000		Recovery =	38.01%
Target Compounds			
1) T n-Nonane (C9)	3.548	2016656	20.999 ug/ml
2) T n-Decane (C10)	4.614	2079277	21.649 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2103393	20.993 ug/ml
4) T n-Dodecane (C12)	6.619	2132827	21.851 ug/ml
5) T A~2-methylnaphthalene...	7.264	2129820	21.066 ug/ml
6) T n-Tetradecane (C14)	8.400	2104194	21.369 ug/ml
7) T n-Hexadecane (C16)	9.990	2075066	20.785 ug/ml
8) T n-Octadecane (C18)	11.423	2039296	20.092 ug/ml
10) T n-Eicosane (C20)	12.725	1991283	19.478 ug/ml
11) T n-Heneicosane (C21)	13.334	1960082	19.011 ug/ml
13) T n-Docosane (C22)	13.917	1984053	19.328 ug/ml
14) T n-Tetracosane (C24)	15.014	2036017	19.724 ug/ml
15) T n-Hexacosane (C26)	16.030	2031620	19.801 ug/ml
16) T n-Octacosane (C28)	16.976	2059661	20.237 ug/ml
17) T n-Tricontane (C30)	17.860	2028477	20.704 ug/ml
18) T n-Dotriacontane (C32)	18.687	1719562	20.510 ug/ml
19) T n-Tetratriacontane (C34)	19.467	1443118	20.142 ug/ml
20) T n-Hexatriacontane (C36)	20.202	1338520	19.107 ug/mlm
21) T n-Octatriacontane (C38)	20.965	1265634	20.057 ug/ml
22) T n-Tetracontane (C40)	21.924	1314134	18.991 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

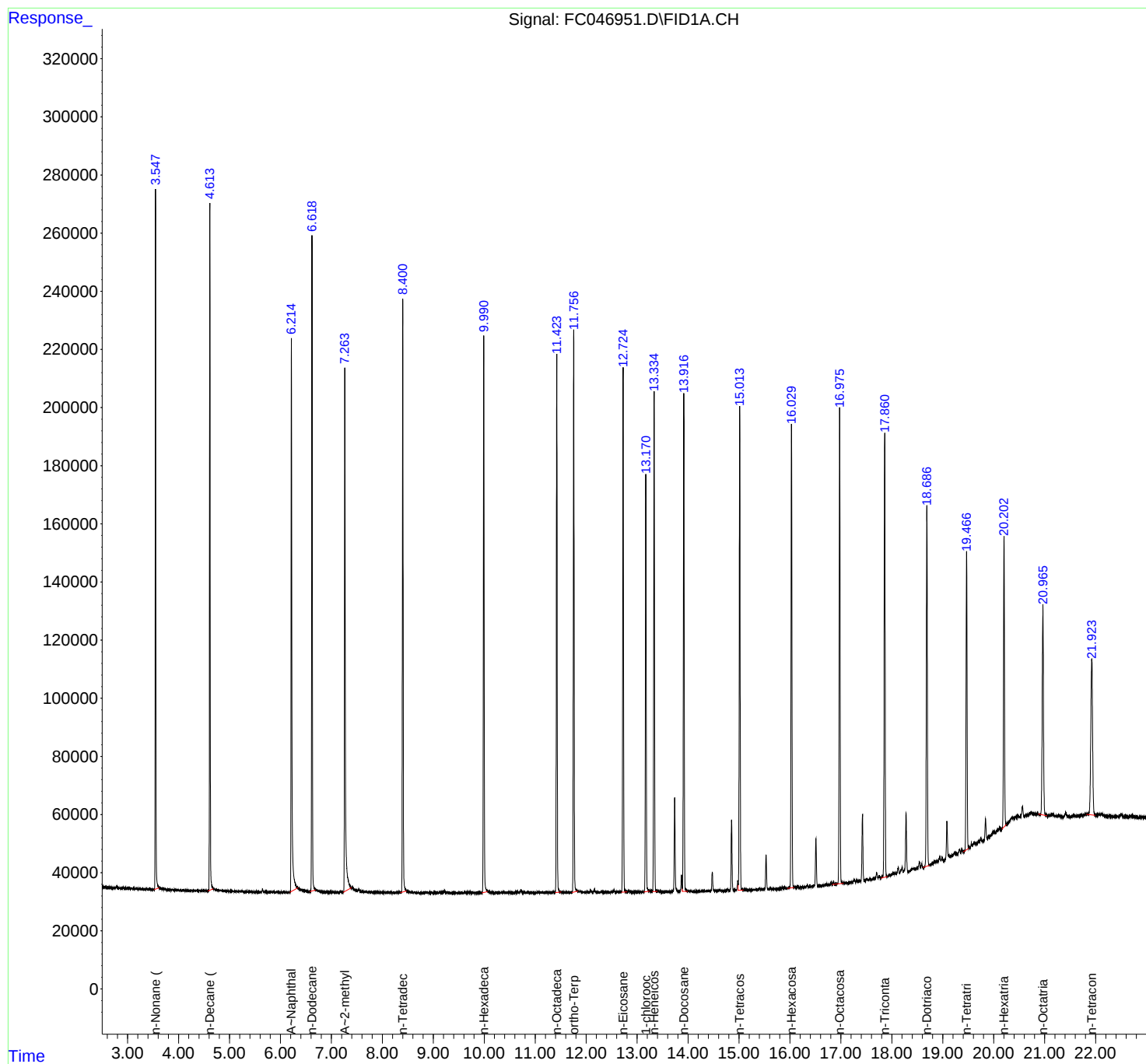
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

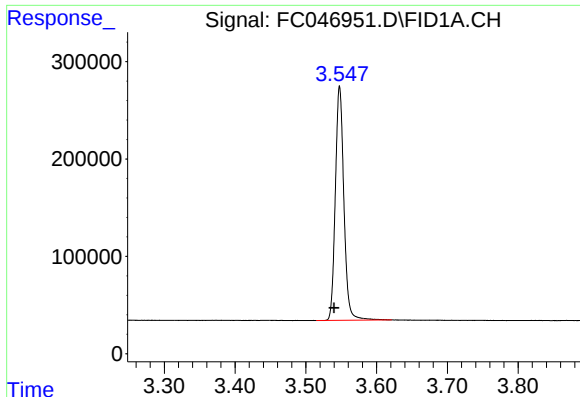
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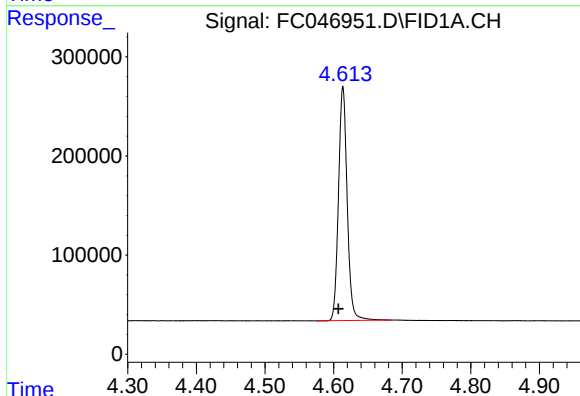
#1 n-Nonane (C9)

R.T.: 3.548 min
Delta R.T.: 0.008 min
Response: 2016656
Conc: 21.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

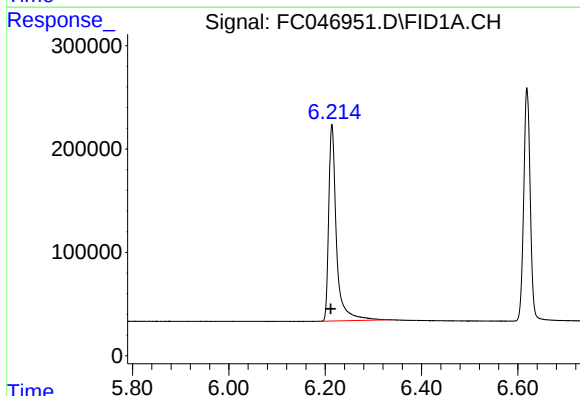
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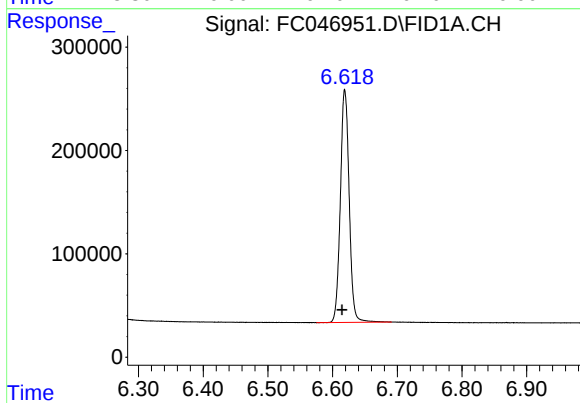
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.007 min
Response: 2079277
Conc: 21.65 ug/ml



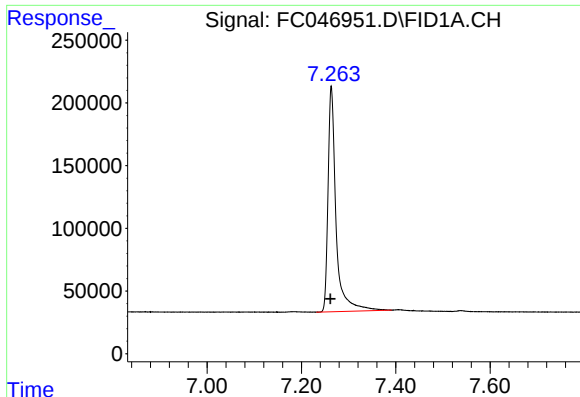
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.003 min
Response: 2103393
Conc: 20.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.619 min
Delta R.T.: 0.005 min
Response: 2132827
Conc: 21.85 ug/ml



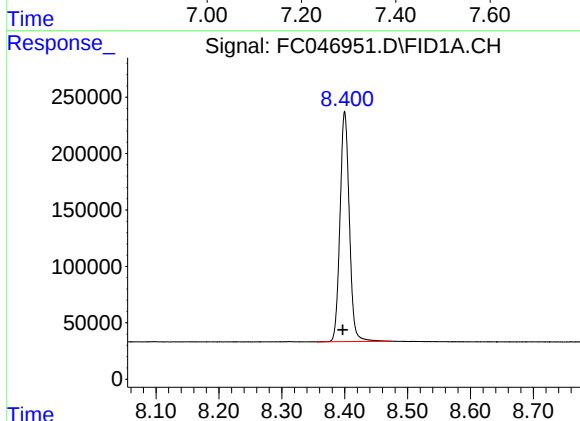
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.264 min
Delta R.T.: 0.002 min
Response: 2129820
Conc: 21.07 ug/ml

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20 PPM ALIPHATIC HC STD

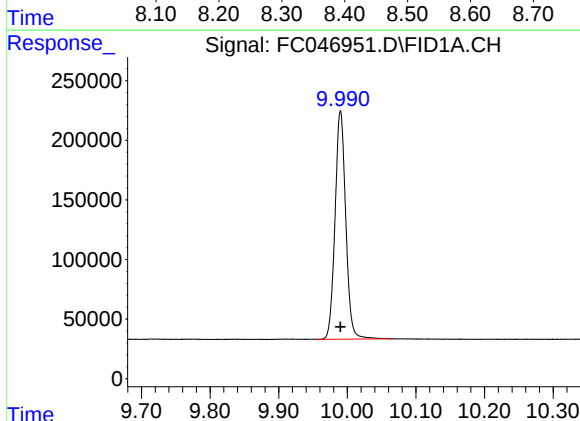
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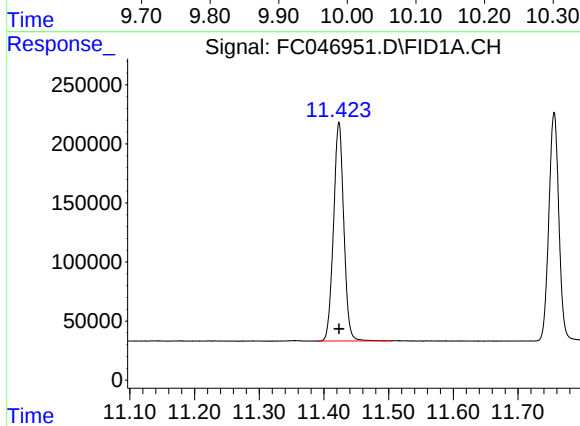
#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.003 min
Response: 2104194
Conc: 21.37 ug/ml



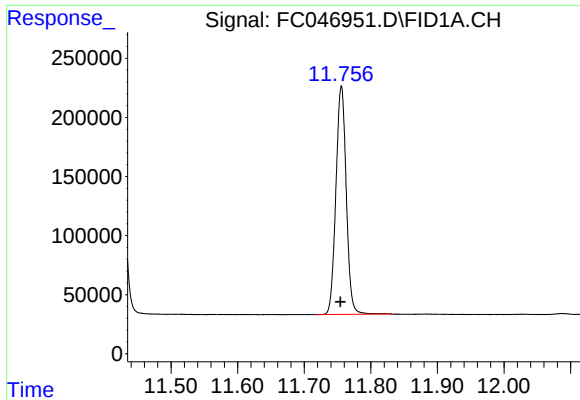
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: 0.000 min
Response: 2075066
Conc: 20.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.423 min
Delta R.T.: 0.000 min
Response: 2039296
Conc: 20.09 ug/ml



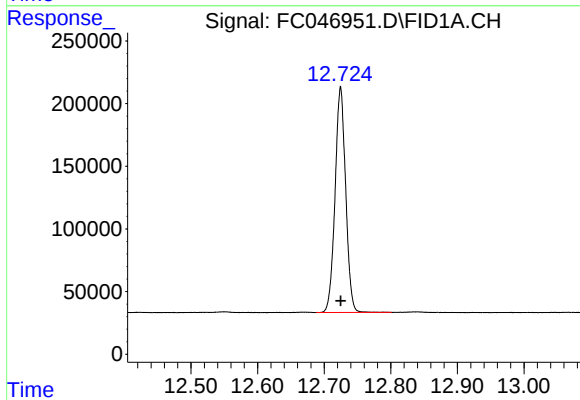
#9 ortho-Terphenyl (SURR)

R.T.: 11.756 min
Delta R.T.: 0.001 min
Response: 2081796
Conc: 19.04 ug/ml

Instrument :
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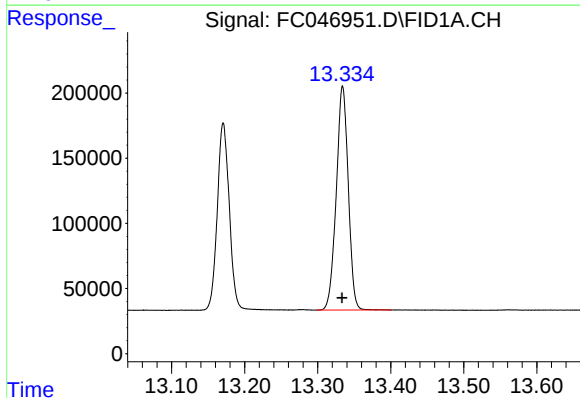
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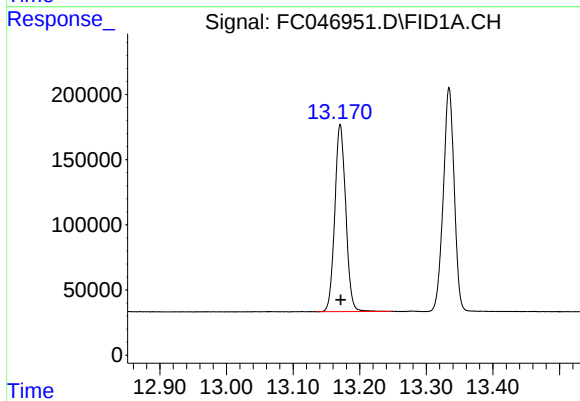
#10 n-Eicosane (C20)

R.T.: 12.725 min
Delta R.T.: 0.000 min
Response: 1991283
Conc: 19.48 ug/ml



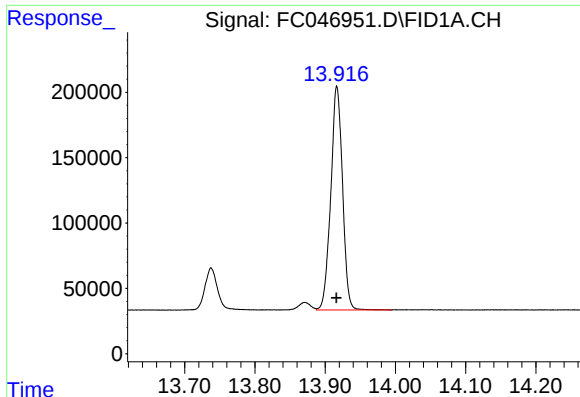
#11 n-Heneicosane (C21)

R.T.: 13.334 min
Delta R.T.: 0.000 min
Response: 1960082
Conc: 19.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.171 min
Delta R.T.: 0.000 min
Response: 1637865
Conc: 19.01 ug/ml



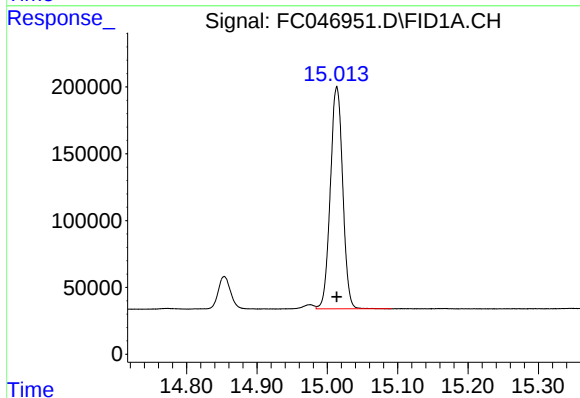
#13 n-Docosane (C22)

R.T.: 13.917 min
Delta R.T.: 0.000 min
Response: 1984053
Conc: 19.33 ug/ml

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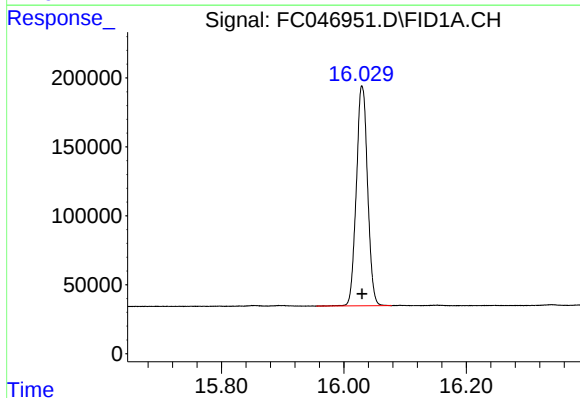
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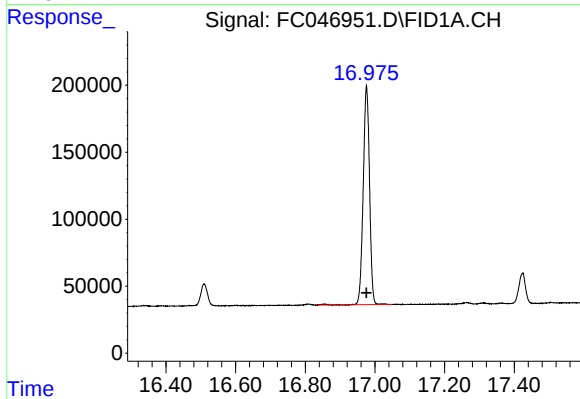
#14 n-Tetracosane (C24)

R.T.: 15.014 min
Delta R.T.: 0.000 min
Response: 2036017
Conc: 19.72 ug/ml



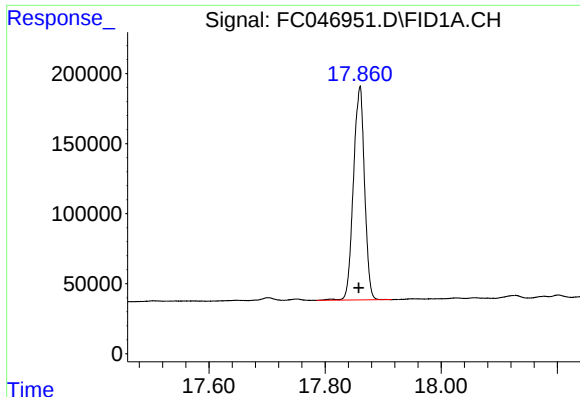
#15 n-Hexacosane (C26)

R.T.: 16.030 min
Delta R.T.: 0.000 min
Response: 2031620
Conc: 19.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.976 min
Delta R.T.: 0.000 min
Response: 2059661
Conc: 20.24 ug/ml



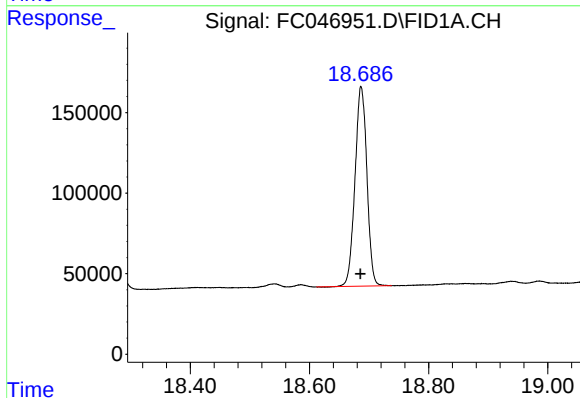
#17 n-Tricontane (C30)

R.T.: 17.860 min
Delta R.T.: 0.001 min
Response: 2028477
Conc: 20.70 ug/ml

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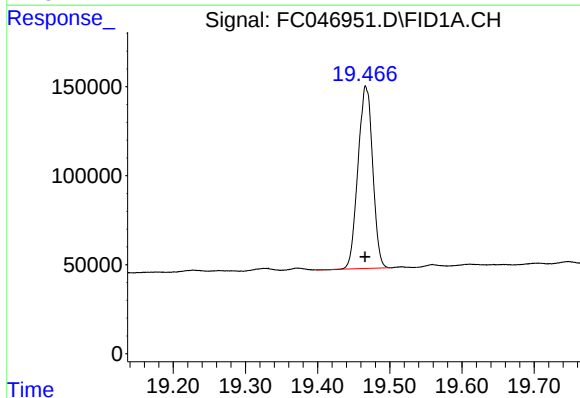
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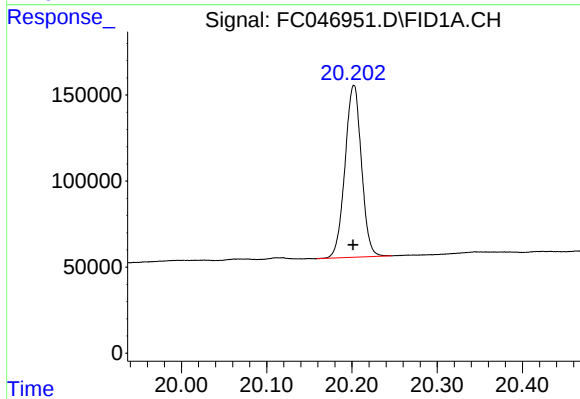
#18 n-Dotriacontane (C32)

R.T.: 18.687 min
Delta R.T.: 0.002 min
Response: 1719562
Conc: 20.51 ug/ml



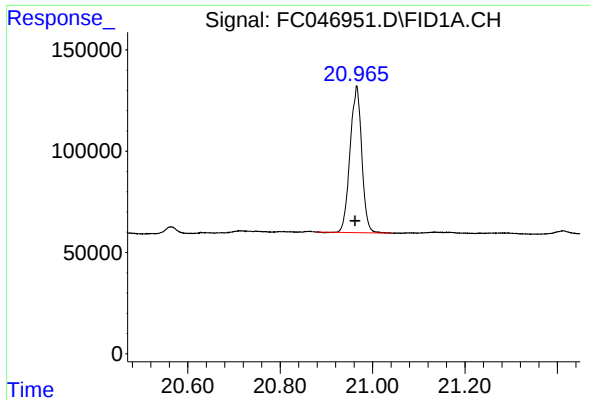
#19 n-Tetratriacontane (C34)

R.T.: 19.467 min
Delta R.T.: 0.002 min
Response: 1443118
Conc: 20.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.202 min
Delta R.T.: 0.000 min
Response: 1338520
Conc: 19.11 ug/ml m



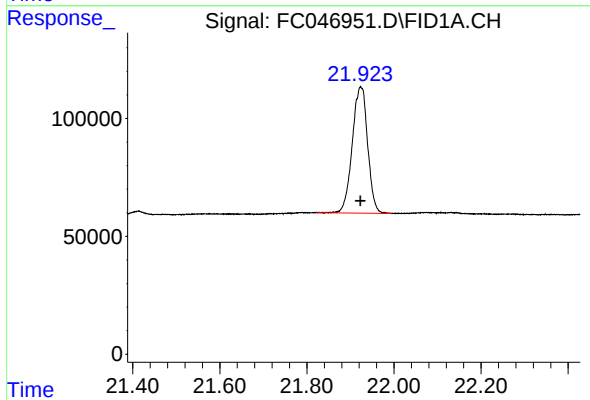
#21 n-Octatriacontane (C38)

R.T.: 20.965 min
Delta R.T.: 0.003 min
Response: 1265634
Conc: 20.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.924 min
Delta R.T.: 0.001 min
Response: 1314134
Conc: 18.99 ug/ml