

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042120AL\
 Data File : FC046979.D
 Signal(s) : FID1A.CH
 Acq On : 21 Apr 2020 18:08
 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
 4/22/2020 4:33:50 PM

Integration File: autoint1.e
 Quant Time: Apr 22 01:26:34 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)	11.757	2121890	19.411 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
12) S 1-chlorooctadecane (S...	13.172	1665476	19.326 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
Target Compounds			
1) T n-Nonane (C9)	3.549	2039444	21.236 ug/ml
2) T n-Decane (C10)	4.615	2104291	21.909 ug/ml
3) T A~Naphthalene (C11.7)	6.215	2112691	21.085 ug/ml
4) T n-Dodecane (C12)	6.620	2157756	22.106 ug/ml
5) T A~2-methylnaphthalene...	7.264	2141029	21.177 ug/ml
6) T n-Tetradecane (C14)	8.402	2127007	21.601 ug/ml
7) T n-Hexadecane (C16)	9.991	2100589	21.041 ug/ml
8) T n-Octadecane (C18)	11.424	2070761	20.402 ug/ml
10) T n-Eicosane (C20)	12.726	2028288	19.840 ug/ml
11) T n-Heneicosane (C21)	13.335	1998324	19.381 ug/ml
13) T n-Docosane (C22)	13.918	2027661	19.752 ug/ml
14) T n-Tetracosane (C24)	15.015	2096669	20.311 ug/ml
15) T n-Hexacosane (C26)	16.031	2105206	20.519 ug/ml
16) T n-Octacosane (C28)	16.976	2141257	21.039 ug/ml
17) T n-Tricontane (C30)	17.860	2116862	21.606 ug/ml
18) T n-Dotriacontane (C32)	18.686	1802091	21.494 ug/ml
19) T n-Tetratriacontane (C34)	19.466	1497827	20.906 ug/ml
20) T n-Hexatriacontane (C36)	20.203	1389563	19.836 ug/mlm
21) T n-Octatriacontane (C38)	20.964	1296454	20.545 ug/ml
22) T n-Tetracontane (C40)	21.923	1346010	19.451 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 20 PPM ALIPHATIC HC STD
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ALS Vial : 2 Sample Multiplier: 1

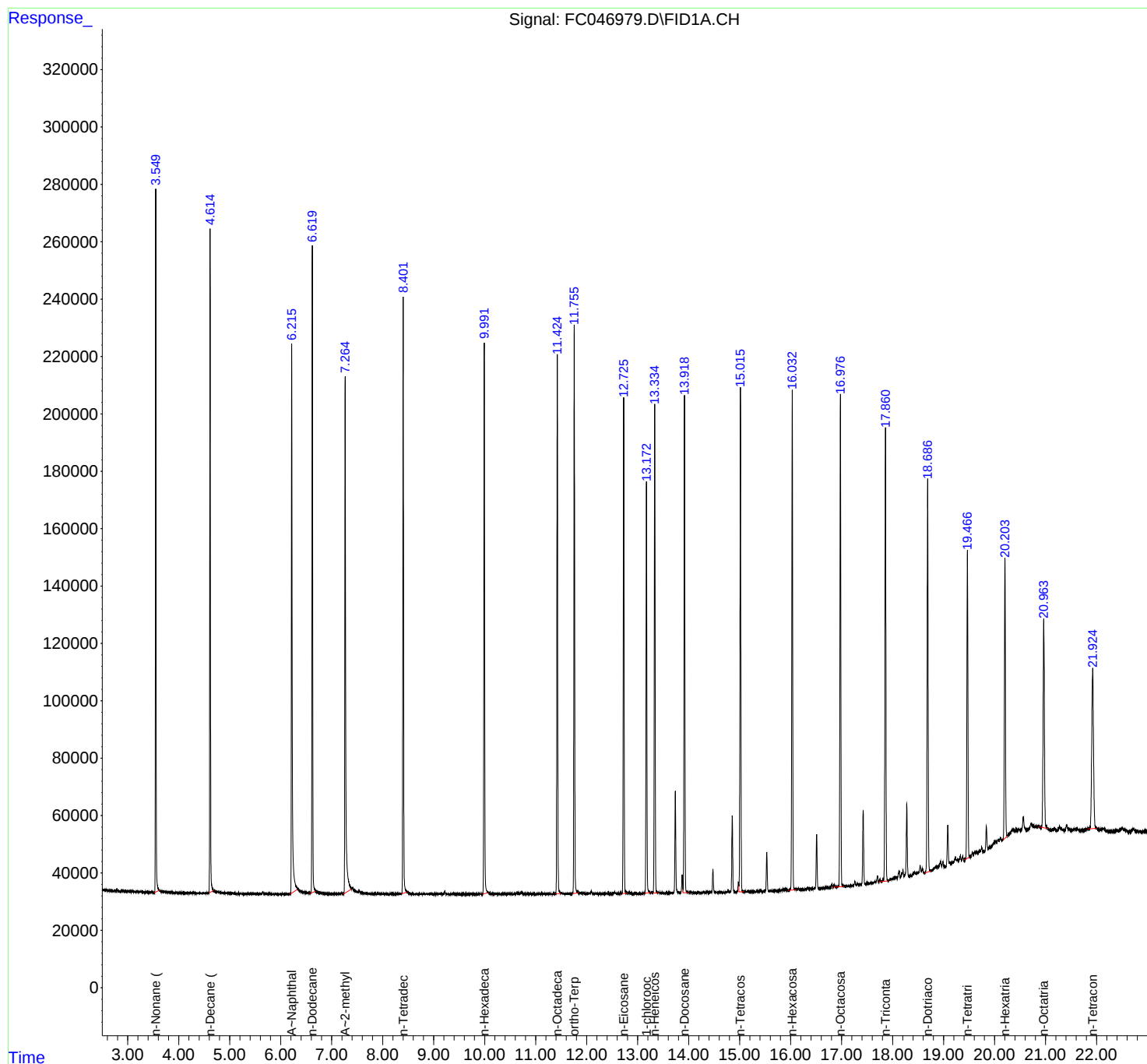
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

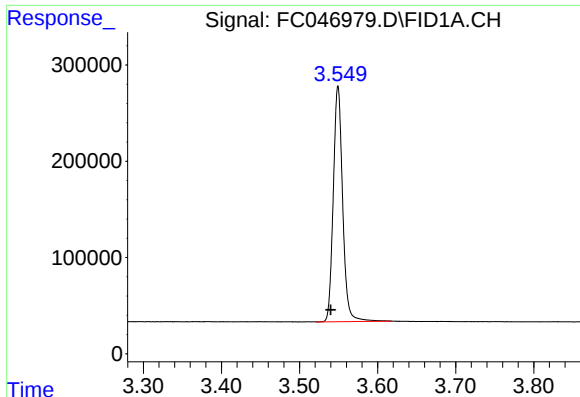
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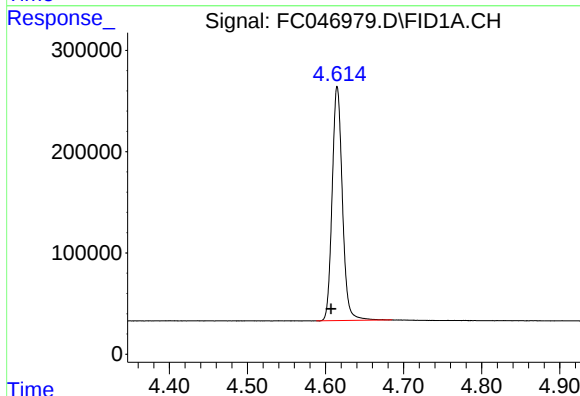
#1 n-Nonane (C9)

R.T.: 3.549 min
Delta R.T.: 0.009 min
Response: 2039444
Conc: 21.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

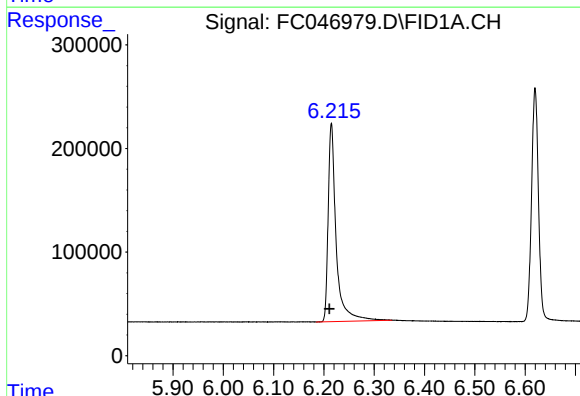
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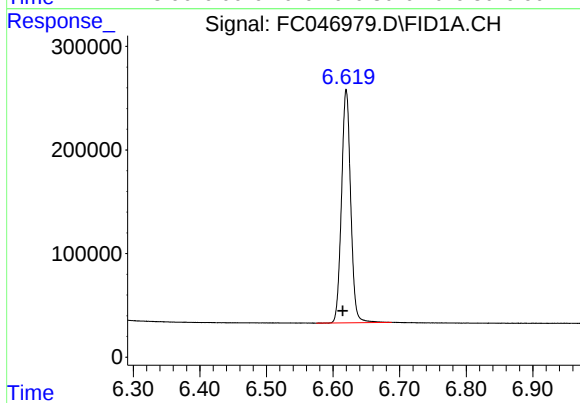
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.008 min
Response: 2104291
Conc: 21.91 ug/ml



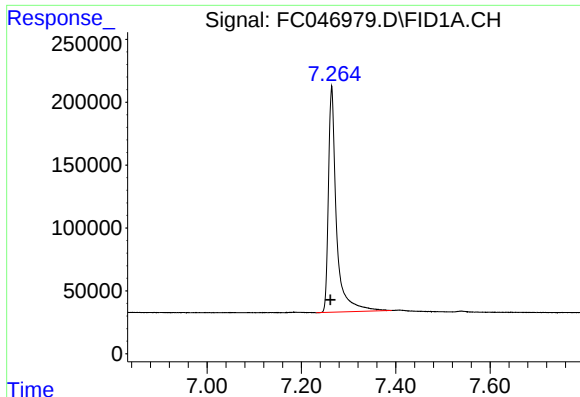
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.004 min
Response: 2112691
Conc: 21.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.620 min
Delta R.T.: 0.005 min
Response: 2157756
Conc: 22.11 ug/ml



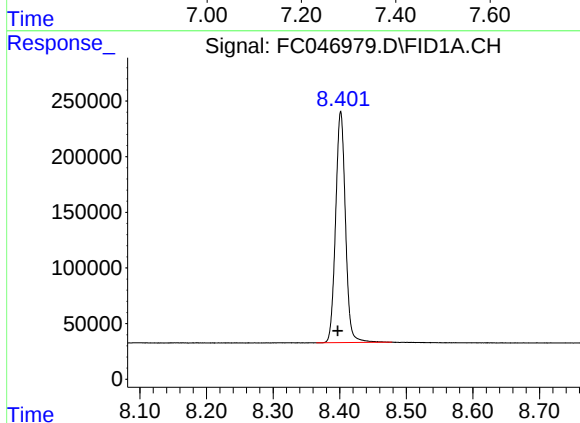
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.264 min
Delta R.T.: 0.002 min
Response: 2141029
Conc: 21.18 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

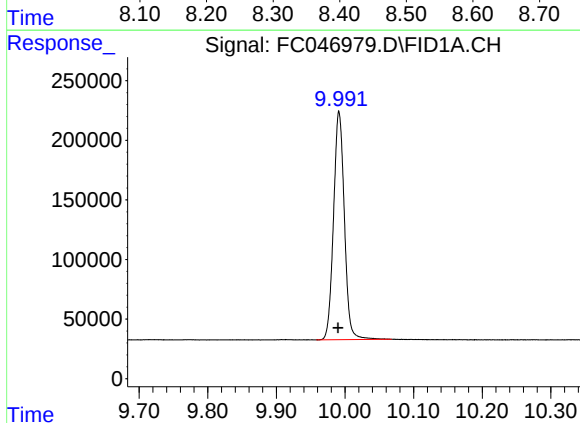
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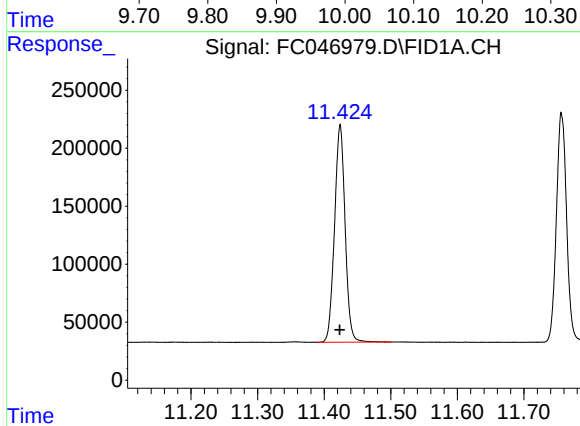
#6 n-Tetradecane (C14)

R.T.: 8.402 min
Delta R.T.: 0.004 min
Response: 2127007
Conc: 21.60 ug/ml



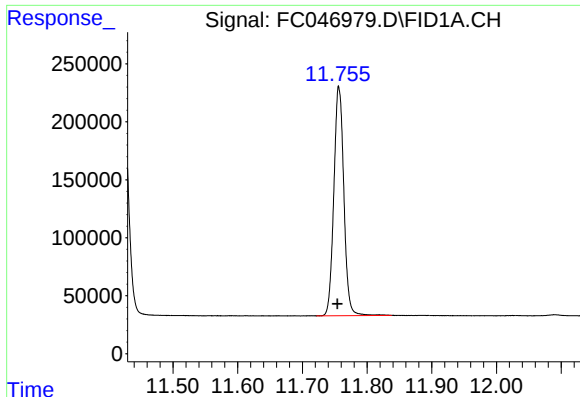
#7 n-Hexadecane (C16)

R.T.: 9.991 min
Delta R.T.: 0.002 min
Response: 2100589
Conc: 21.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.424 min
Delta R.T.: 0.000 min
Response: 2070761
Conc: 20.40 ug/ml



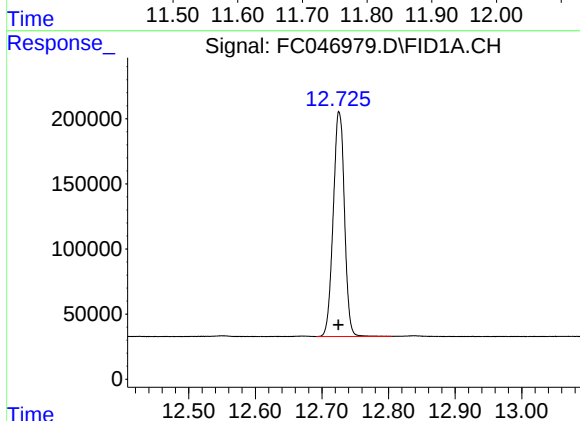
#9 ortho-Terphenyl (SURR)

R.T.: 11.757 min
Delta R.T.: 0.002 min
Response: 2121890
Conc: 19.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

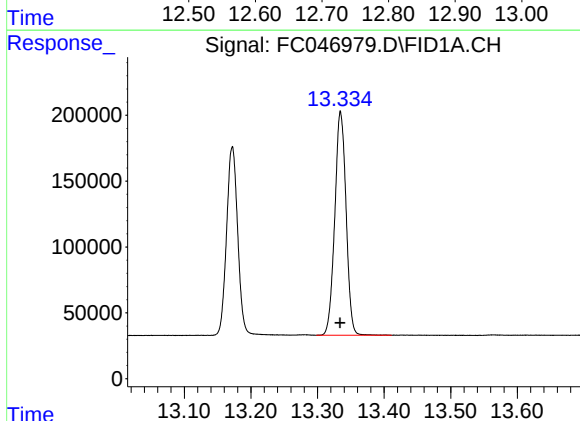
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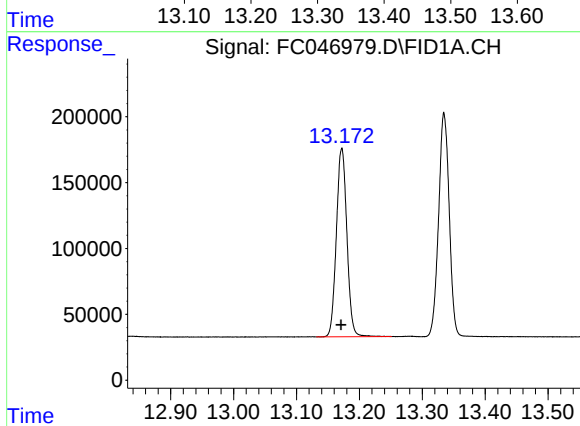
#10 n-Eicosane (C20)

R.T.: 12.726 min
Delta R.T.: 0.000 min
Response: 2028288
Conc: 19.84 ug/ml



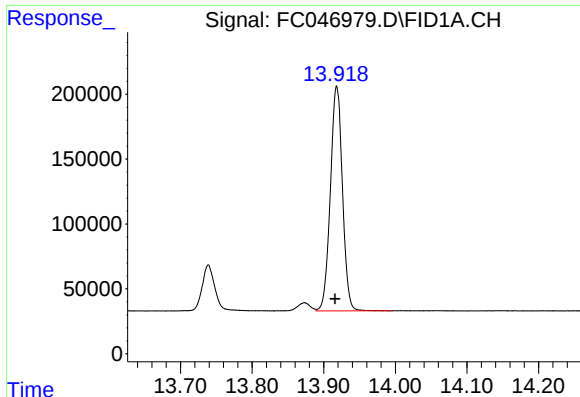
#11 n-Heneicosane (C21)

R.T.: 13.335 min
Delta R.T.: 0.001 min
Response: 1998324
Conc: 19.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.172 min
Delta R.T.: 0.000 min
Response: 1665476
Conc: 19.33 ug/ml



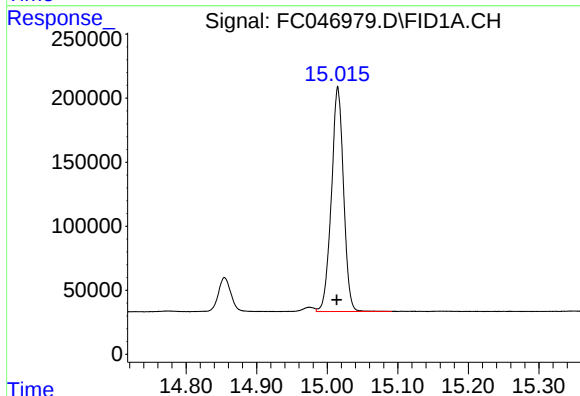
#13 n-Docosane (C22)

R.T.: 13.918 min
Delta R.T.: 0.002 min
Response: 2027661
Conc: 19.75 ug/ml

Instrument :
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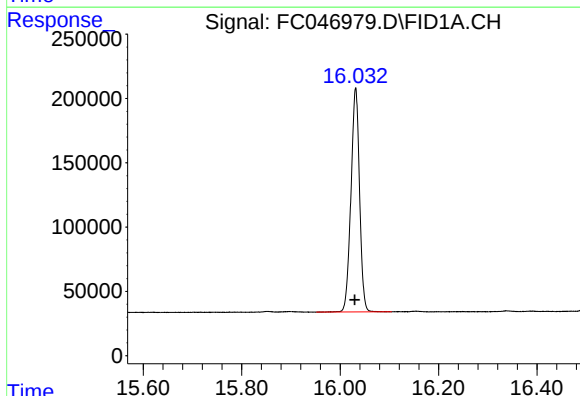
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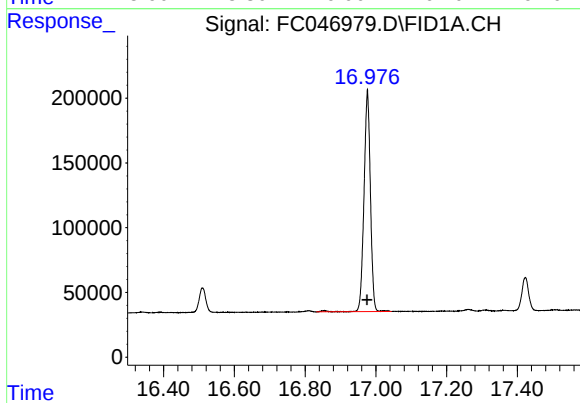
#14 n-Tetracosane (C24)

R.T.: 15.015 min
Delta R.T.: 0.002 min
Response: 2096669
Conc: 20.31 ug/ml



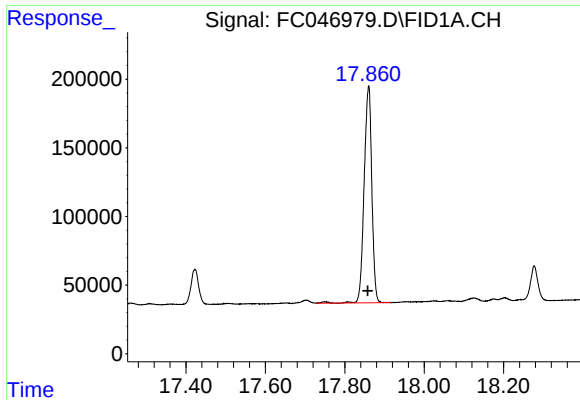
#15 n-Hexacosane (C26)

R.T.: 16.031 min
Delta R.T.: 0.001 min
Response: 2105206
Conc: 20.52 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.976 min
Delta R.T.: 0.000 min
Response: 2141257
Conc: 21.04 ug/ml



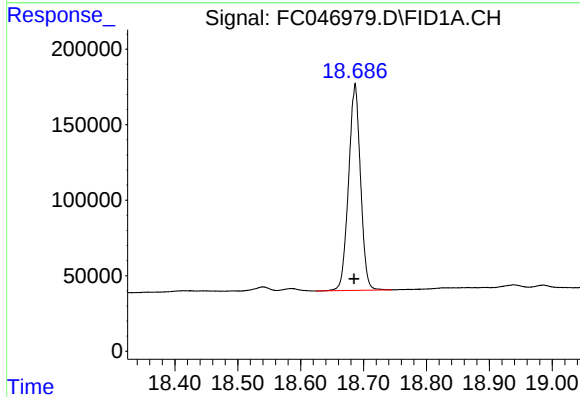
#17 n-Tricontane (C30)

R.T.: 17.860 min
Delta R.T.: 0.002 min
Response: 2116862
Conc: 21.61 ug/ml

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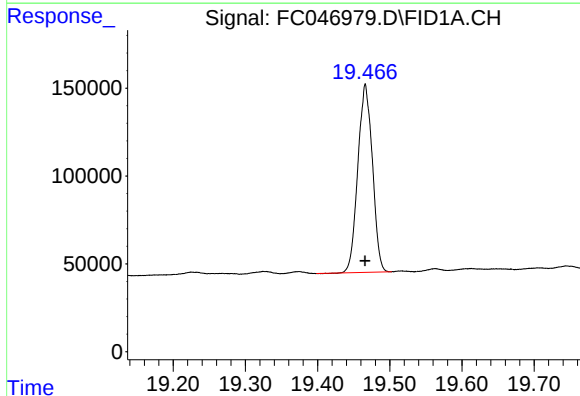
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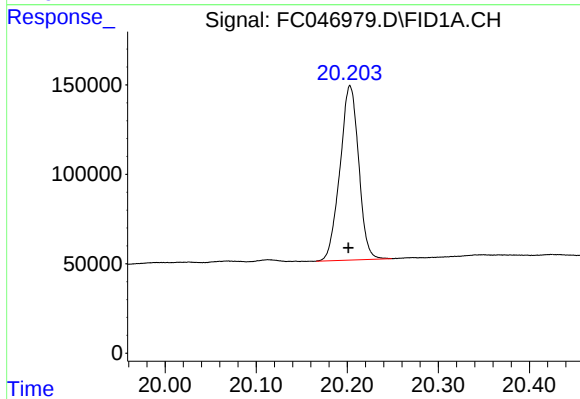
#18 n-Dotriacontane (C32)

R.T.: 18.686 min
Delta R.T.: 0.001 min
Response: 1802091
Conc: 21.49 ug/ml



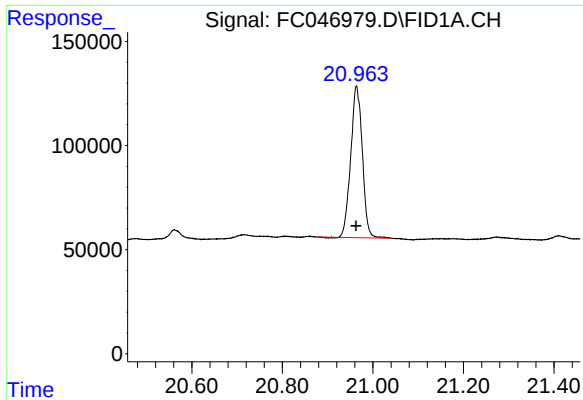
#19 n-Tetratriacontane (C34)

R.T.: 19.466 min
Delta R.T.: 0.000 min
Response: 1497827
Conc: 20.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.203 min
Delta R.T.: 0.001 min
Response: 1389563
Conc: 19.84 ug/ml m



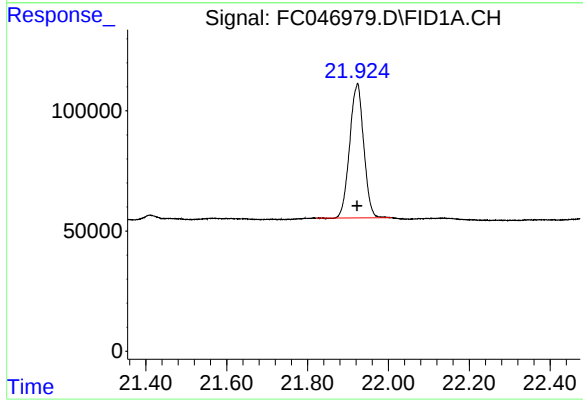
#21 n-Octatriacontane (C38)

R.T.: 20.964 min
Delta R.T.: 0.001 min
Response: 1296454
Conc: 20.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.923 min
Delta R.T.: 0.000 min
Response: 1346010
Conc: 19.45 ug/ml