

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041820AL\
 Data File : FC046896.D
 Signal(s) : FID1A.CH
 Acq On : 19 Apr 2020 1:49
 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
 4/20/2020 2:00:46 PM

Integration File: autoint1.e
 Quant Time: Apr 19 22:33:47 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	2123871	19.429 ug/ml
Spiked Amount 50.000		Recovery =	38.86%
12) S 1-chlorooctadecane (S...	13.171	1662429	19.291 ug/ml
Spiked Amount 50.000		Recovery =	38.58%
Target Compounds			
1) T n-Nonane (C9)	3.548	2040301	21.245 ug/ml
2) T n-Decane (C10)	4.614	2094441	21.807 ug/ml
3) T A~Naphthalene (C11.7)	6.215	2123741	21.196 ug/ml
4) T n-Dodecane (C12)	6.620	2140911	21.934 ug/ml
5) T A~2-methylnaphthalene...	7.264	2143604	21.203 ug/ml
6) T n-Tetradecane (C14)	8.401	2106557	21.393 ug/ml
7) T n-Hexadecane (C16)	9.991	2080304	20.838 ug/ml
8) T n-Octadecane (C18)	11.424	2051864	20.216 ug/ml
10) T n-Eicosane (C20)	12.725	2003746	19.600 ug/ml
11) T n-Heneicosane (C21)	13.334	1980686	19.210 ug/ml
13) T n-Docosane (C22)	13.917	2026539	19.741 ug/ml
14) T n-Tetracosane (C24)	15.014	2029507	19.661 ug/ml
15) T n-Hexacosane (C26)	16.030	1992625	19.421 ug/ml
16) T n-Octacosane (C28)	16.975	1993672	19.589 ug/ml
17) T n-Tricontane (C30)	17.858	1936416	19.765 ug/ml
18) T n-Dotriacontane (C32)	18.687	1658569	19.783 ug/mlm
19) T n-Tetratriacontane (C34)	19.466	1394396	19.462 ug/ml
20) T n-Hexatriacontane (C36)	20.201	1307254	18.661 ug/ml
21) T n-Octatriacontane (C38)	20.962	1272574	20.167 ug/ml
22) T n-Tetracontane (C40)	21.921	1321223	19.093 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

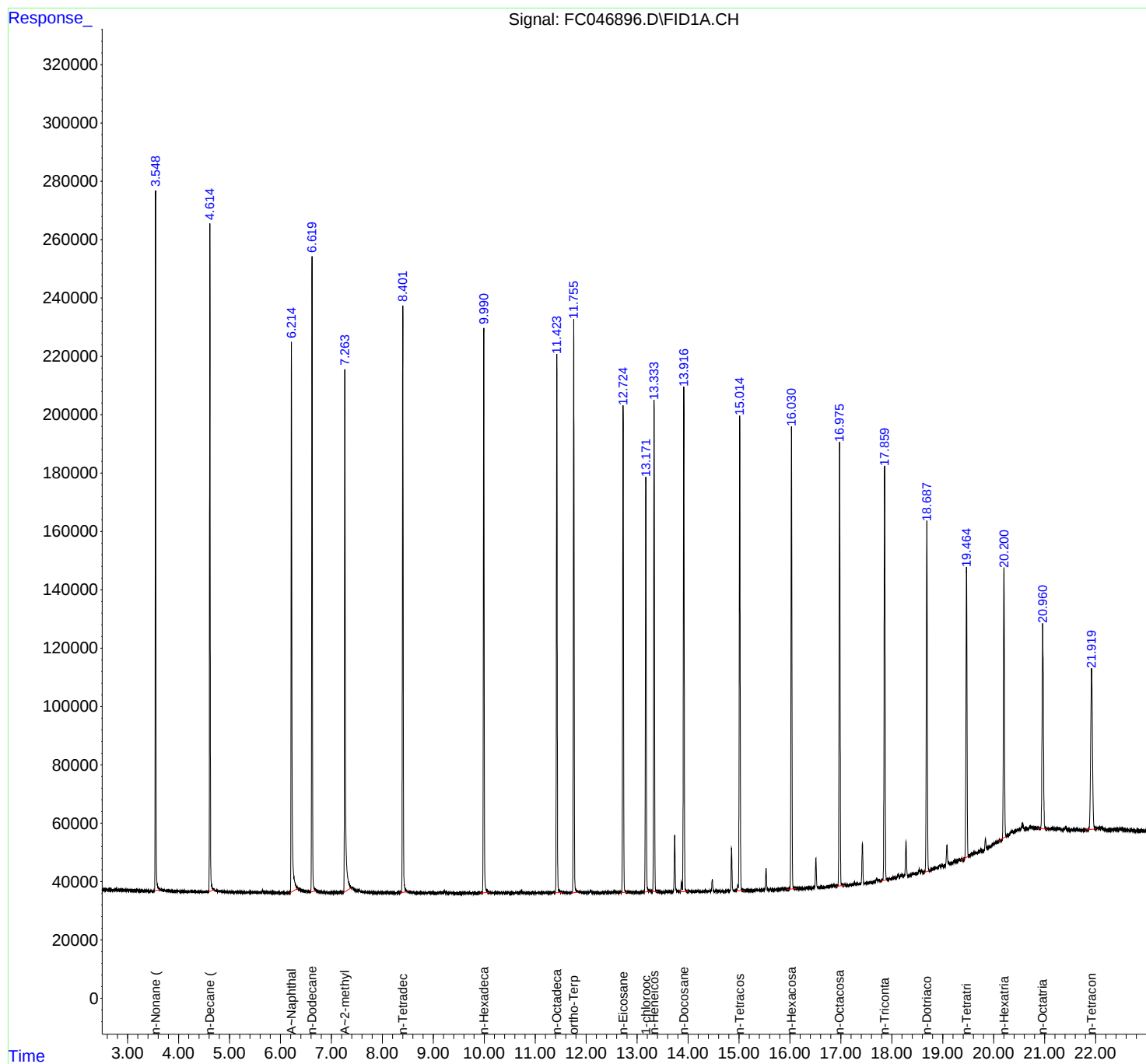
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

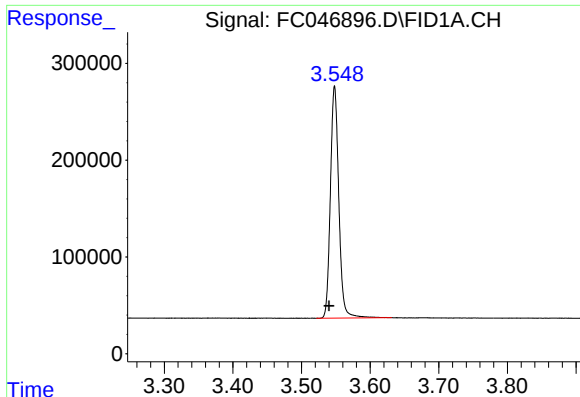
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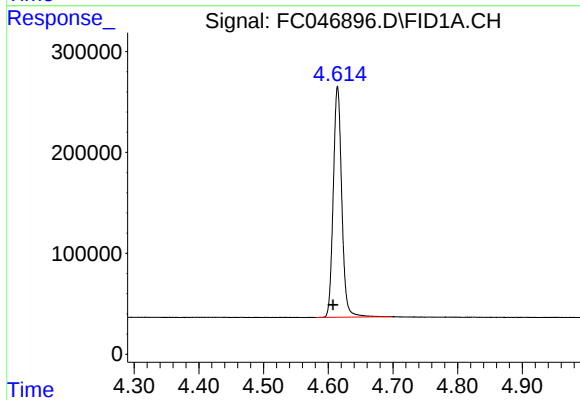
#1 n-Nonane (C9)

R.T.: 3.548 min
Delta R.T.: 0.008 min
Response: 2040301
Conc: 21.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

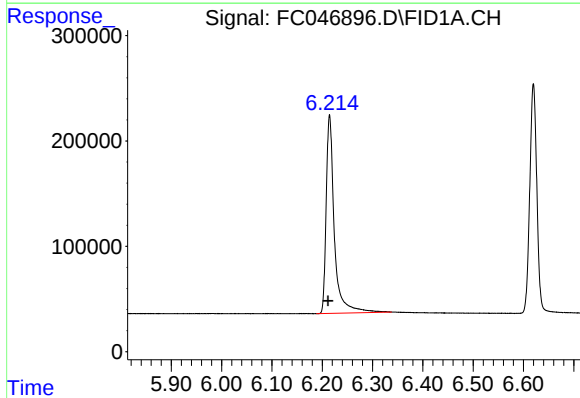
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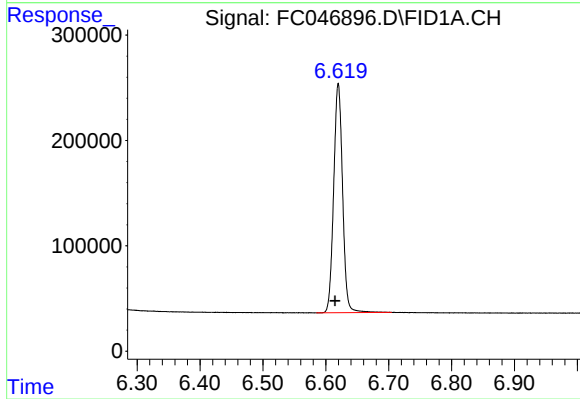
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.007 min
Response: 2094441
Conc: 21.81 ug/ml



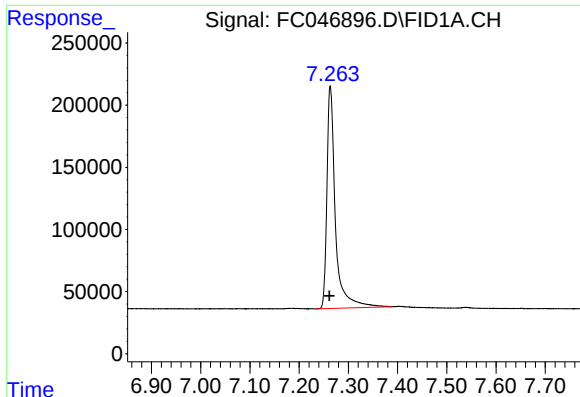
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.004 min
Response: 2123741
Conc: 21.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.620 min
Delta R.T.: 0.005 min
Response: 2140911
Conc: 21.93 ug/ml



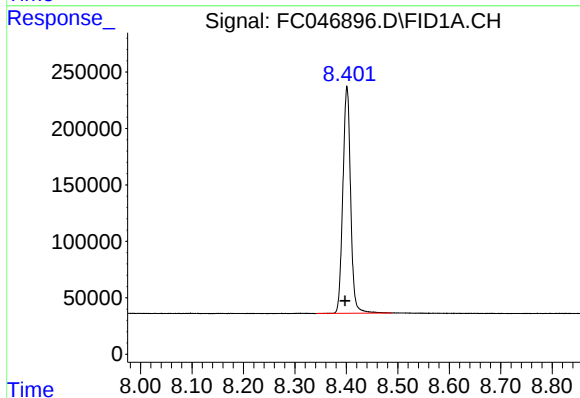
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.264 min
Delta R.T.: 0.002 min
Response: 2143604
Conc: 21.20 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

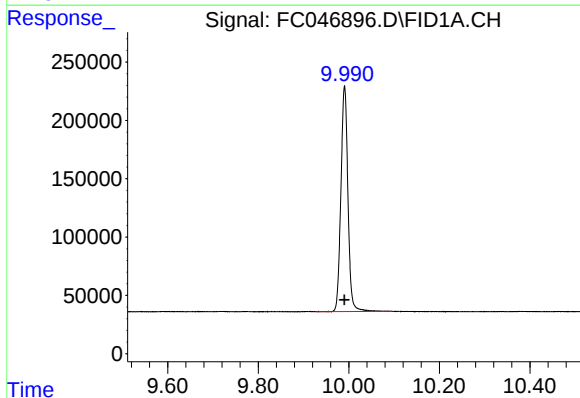
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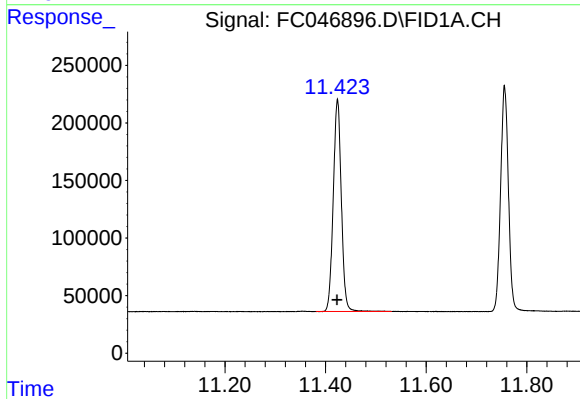
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: 0.004 min
Response: 2106557
Conc: 21.39 ug/ml



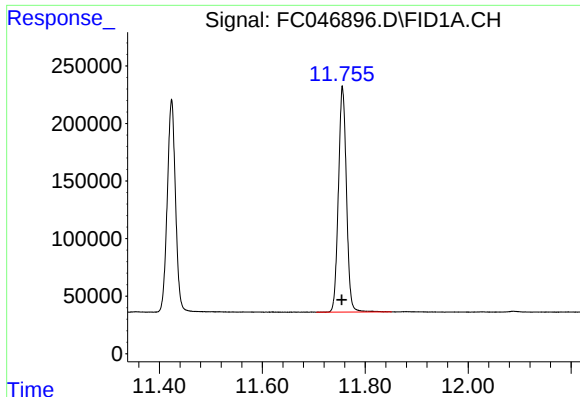
#7 n-Hexadecane (C16)

R.T.: 9.991 min
Delta R.T.: 0.000 min
Response: 2080304
Conc: 20.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.424 min
Delta R.T.: 0.000 min
Response: 2051864
Conc: 20.22 ug/ml



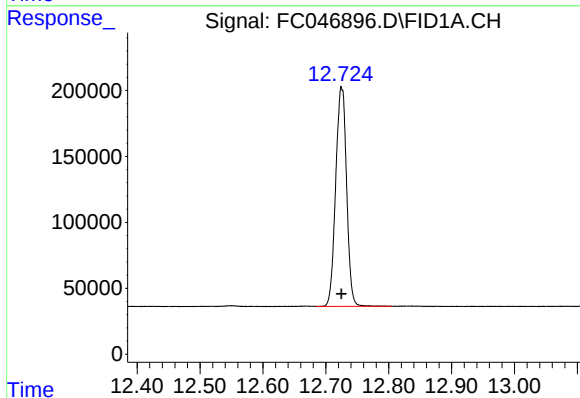
#9 ortho-Terphenyl (SURR)

R.T.: 11.756 min
Delta R.T.: 0.002 min
Response: 2123871
Conc: 19.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

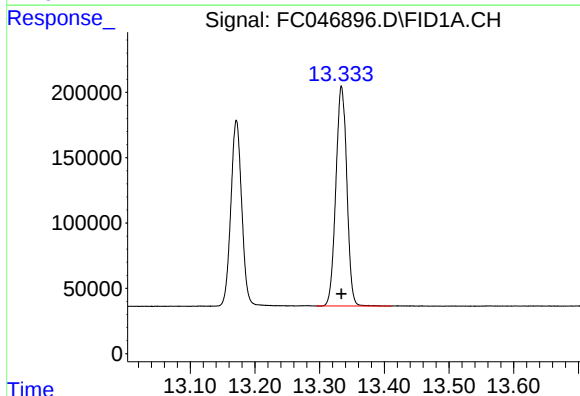
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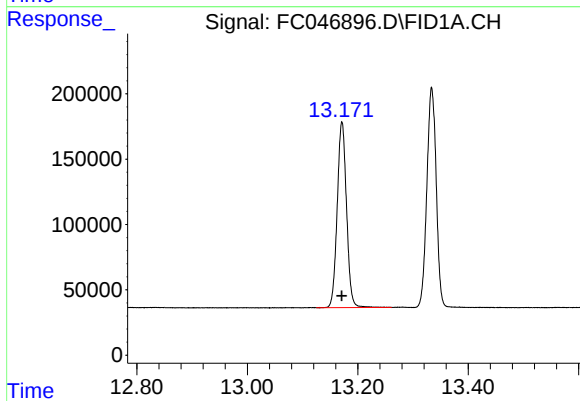
#10 n-Eicosane (C20)

R.T.: 12.725 min
Delta R.T.: 0.000 min
Response: 2003746
Conc: 19.60 ug/ml



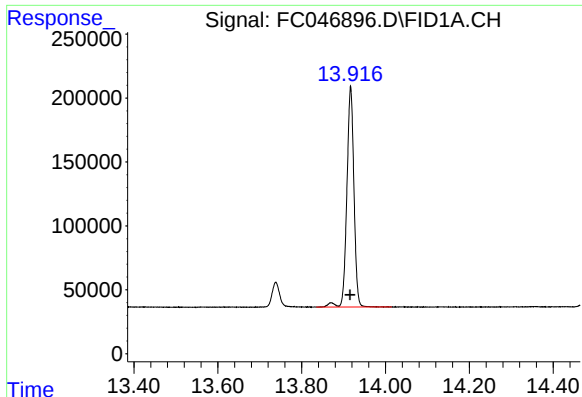
#11 n-Heneicosane (C21)

R.T.: 13.334 min
Delta R.T.: 0.000 min
Response: 1980686
Conc: 19.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.171 min
Delta R.T.: 0.000 min
Response: 1662429
Conc: 19.29 ug/ml



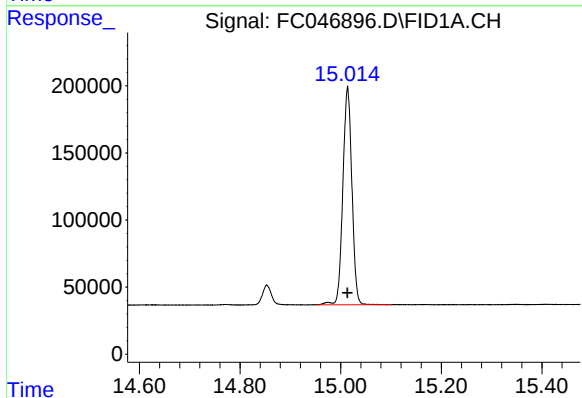
#13 n-Docosane (C22)

R.T.: 13.917 min
Delta R.T.: 0.000 min
Response: 2026539
Conc: 19.74 ug/ml

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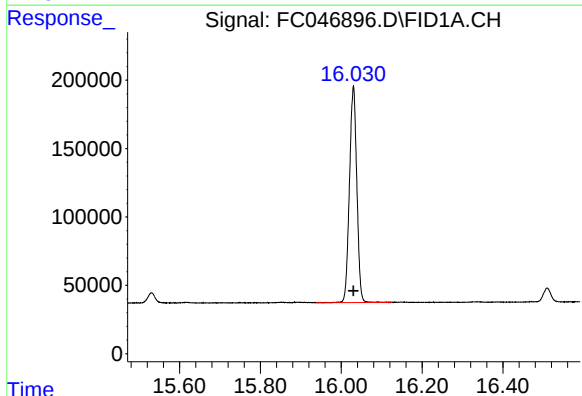
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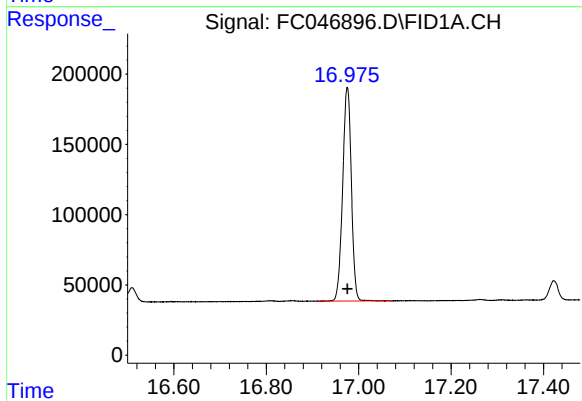
#14 n-Tetracosane (C24)

R.T.: 15.014 min
Delta R.T.: 0.000 min
Response: 2029507
Conc: 19.66 ug/ml



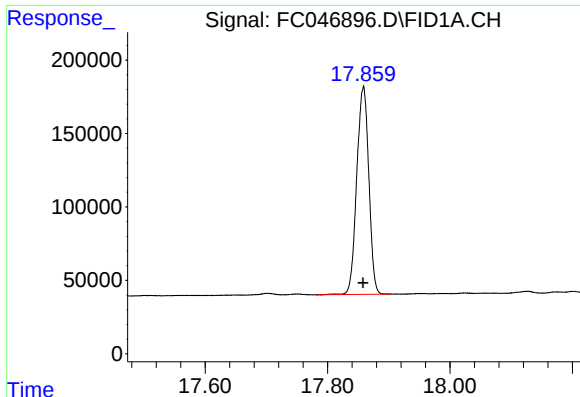
#15 n-Hexacosane (C26)

R.T.: 16.030 min
Delta R.T.: 0.000 min
Response: 1992625
Conc: 19.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.975 min
Delta R.T.: 0.000 min
Response: 1993672
Conc: 19.59 ug/ml



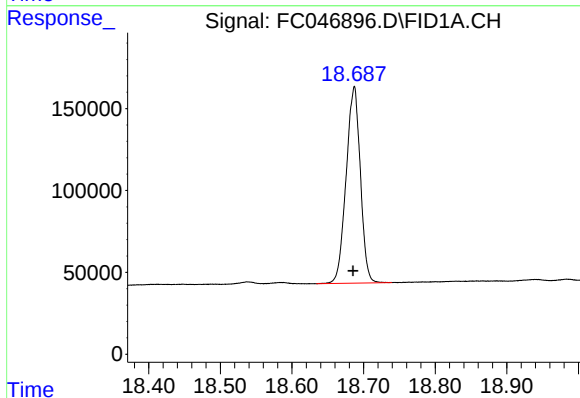
#17 n-Tricontane (C30)

R.T.: 17.858 min
Delta R.T.: 0.000 min
Response: 1936416
Conc: 19.76 ug/ml

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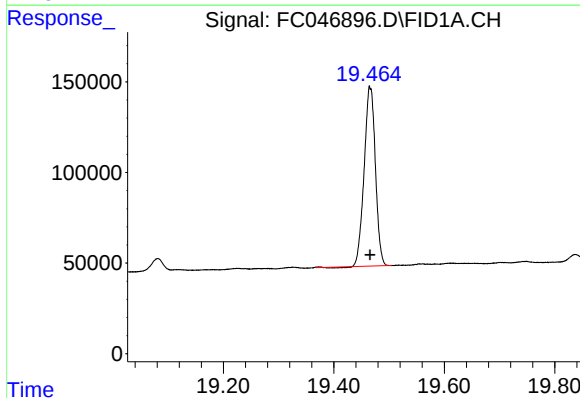
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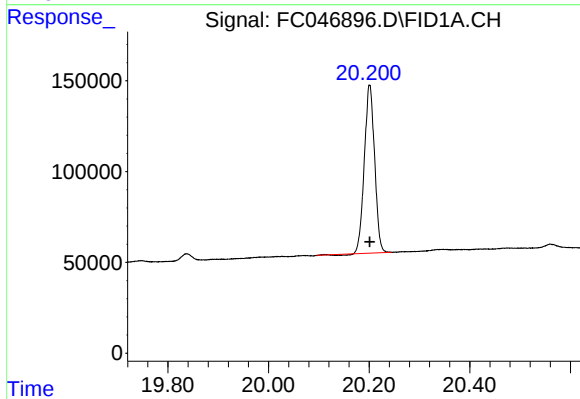
#18 n-Dotriacontane (C32)

R.T.: 18.687 min
Delta R.T.: 0.002 min
Response: 1658569
Conc: 19.78 ug/ml m



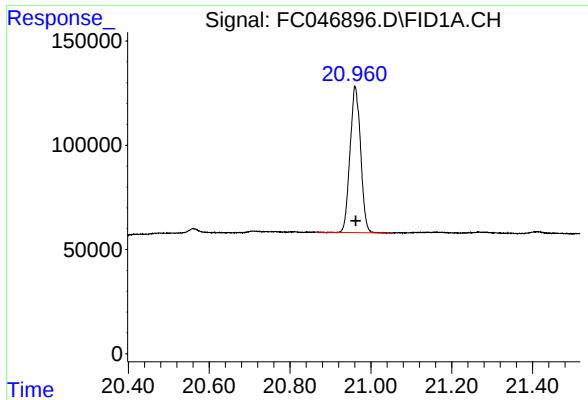
#19 n-Tetratriacontane (C34)

R.T.: 19.466 min
Delta R.T.: 0.000 min
Response: 1394396
Conc: 19.46 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.201 min
Delta R.T.: 0.000 min
Response: 1307254
Conc: 18.66 ug/ml



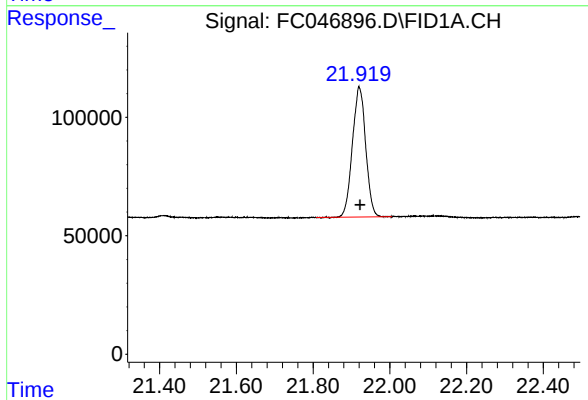
#21 n-Octatriacontane (C38)

R.T.: 20.962 min
Delta R.T.: 0.000 min
Response: 1272574
Conc: 20.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.921 min
Delta R.T.: -0.002 min
Response: 1321223
Conc: 19.09 ug/ml