

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051021AL\
 Data File : FC053618.D
 Signal(s) : FID1A.CH
 Acq On : 10 May 2021 9:40
 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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 5/11/2021 2:18:13 PM

Integration File: autoint1.e
 Quant Time: May 10 14:29:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 2021
 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)	11.530	2706989	19.552 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
12) S 1-chlorooctadecane (S...	12.972	2150437	19.281 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
Target Compounds			
1) T n-Nonane (C9)	3.289	2378467	20.137 ug/ml
2) T n-Decane (C10)	4.353	2405304	20.312 ug/ml
3) T A~Naphthalene (C11.7)	5.937	2667638	20.473 ug/ml
4) T n-Dodecane (C12)	6.372	2477733	20.476 ug/ml
5) T A~2-methylnaphthalene...	6.995	2721775	20.587 ug/ml
6) T n-Tetradecane (C14)	8.170	2508820	20.595 ug/ml
7) T n-Hexadecane (C16)	9.772	2508719	20.483 ug/ml
8) T n-Octadecane (C18)	11.216	2613886	20.071 ug/ml
10) T n-Eicosane (C20)	12.527	2603385	19.669 ug/ml
11) T n-Heneicosane (C21)	13.139	2569839	19.350 ug/ml
13) T n-Docosane (C22)	13.726	2533945	19.050 ug/ml
14) T n-Tetracosane (C24)	14.831	2432073	18.220 ug/ml
15) T n-Hexacosane (C26)	15.853	2297051	17.374 ug/ml
16) T n-Octacosane (C28)	16.804	2163570	16.528 ug/ml
17) T n-Tricontane (C30)	17.692	2056599	15.768 ug/ml
18) T n-Dotriacontane (C32)	18.526	1963861	15.564 ug/ml
19) T n-Tetratriacontane (C34)	19.309	1891119	15.521 ug/mlm
20) T n-Hexatriacontane (C36)	20.051	1814562	15.520 ug/mlm
21) T n-Octatriacontane (C38)	20.780	1730976	16.826 ug/mlm
22) T n-Tetracontane (C40)	21.675	1785617	17.920 ug/mlm

(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

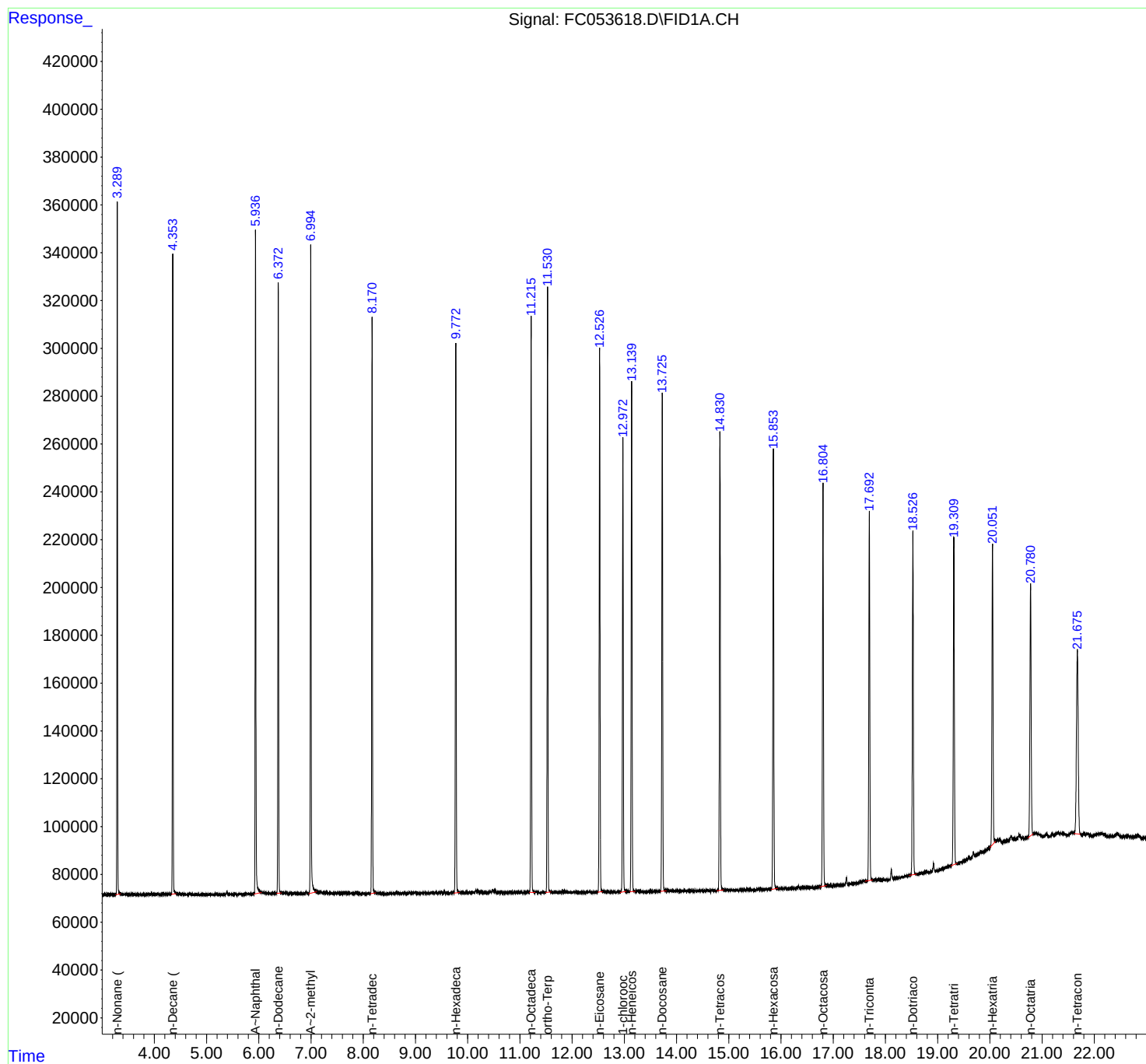
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

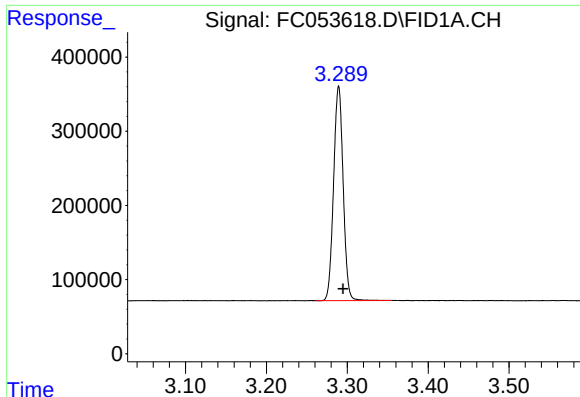
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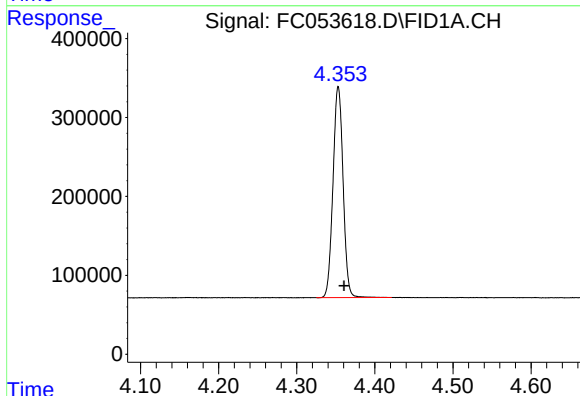
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 2378467
Conc: 20.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

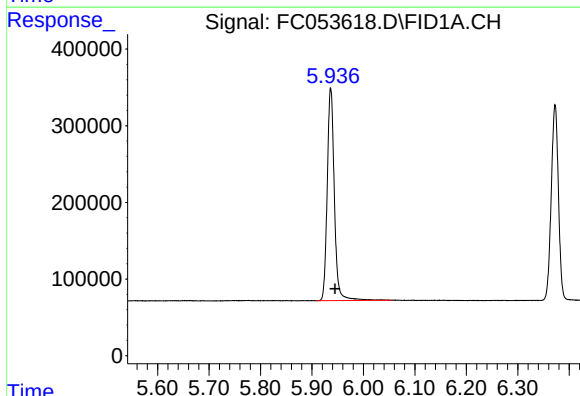
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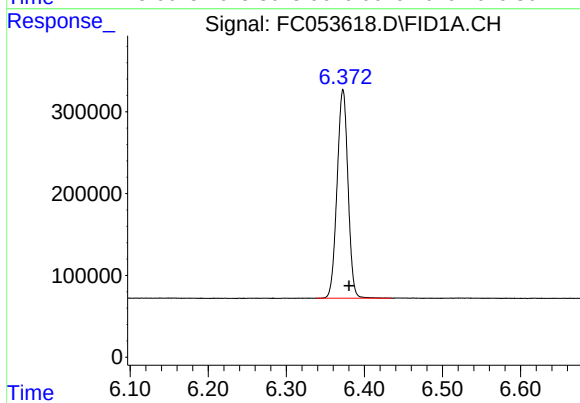
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: -0.007 min
Response: 2405304
Conc: 20.31 ug/ml



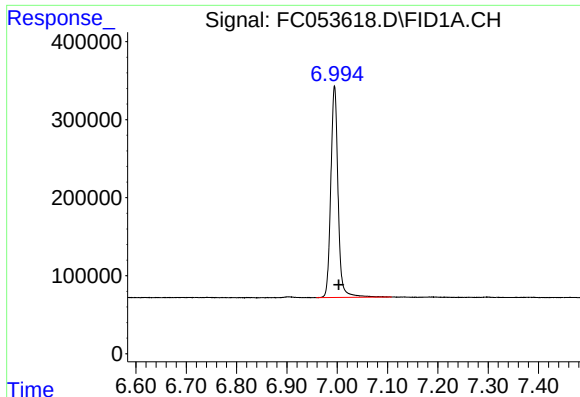
#3 A~Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: -0.008 min
Response: 2667638
Conc: 20.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.372 min
Delta R.T.: -0.008 min
Response: 2477733
Conc: 20.48 ug/ml



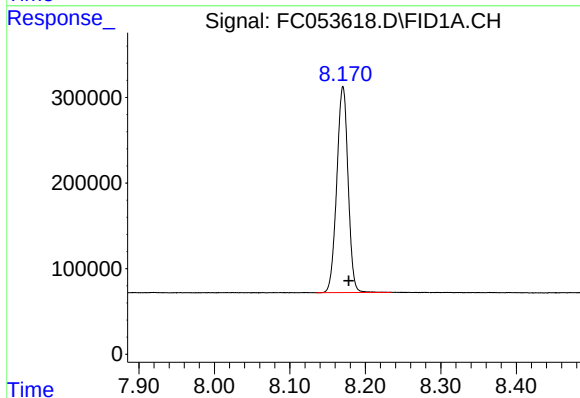
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.995 min
Delta R.T.: -0.008 min
Response: 2721775
Conc: 20.59 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

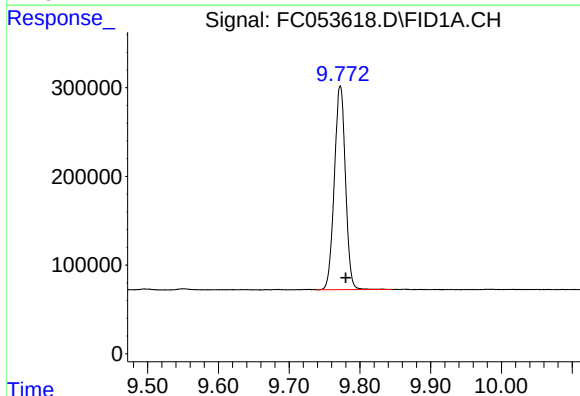
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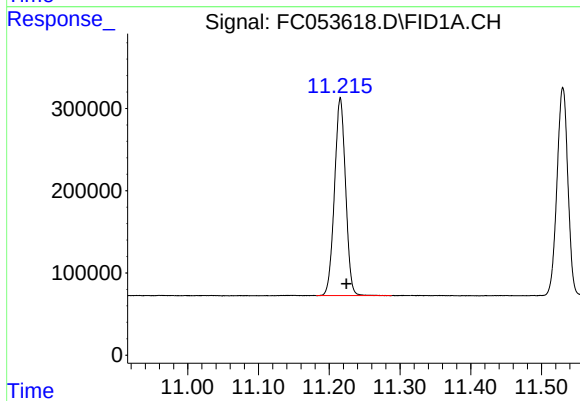
#6 n-Tetradecane (C14)

R.T.: 8.170 min
Delta R.T.: -0.008 min
Response: 2508820
Conc: 20.59 ug/ml



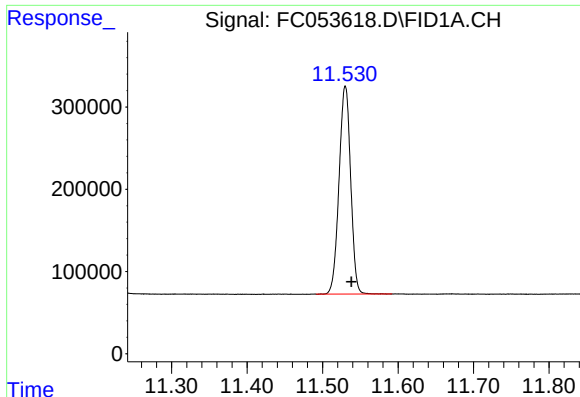
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.008 min
Response: 2508719
Conc: 20.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.216 min
Delta R.T.: -0.008 min
Response: 2613886
Conc: 20.07 ug/ml



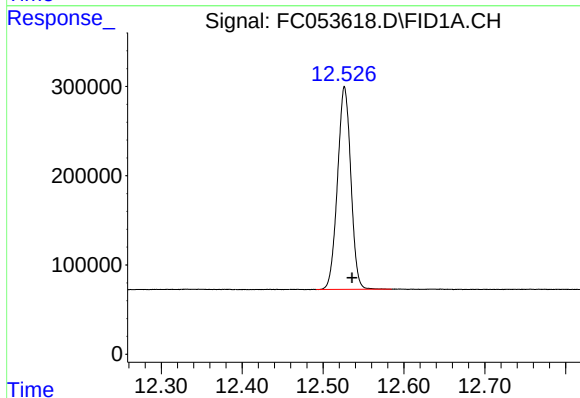
#9 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.008 min
Response: 2706989
Conc: 19.55 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

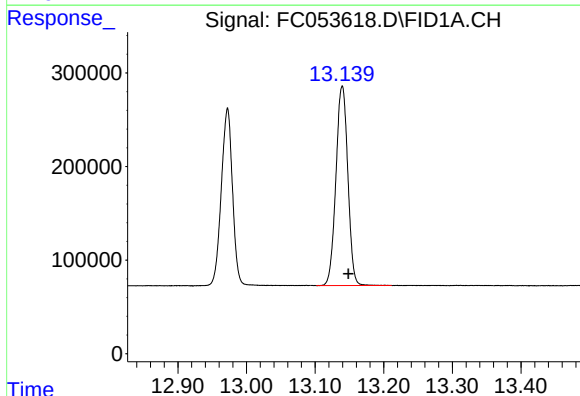
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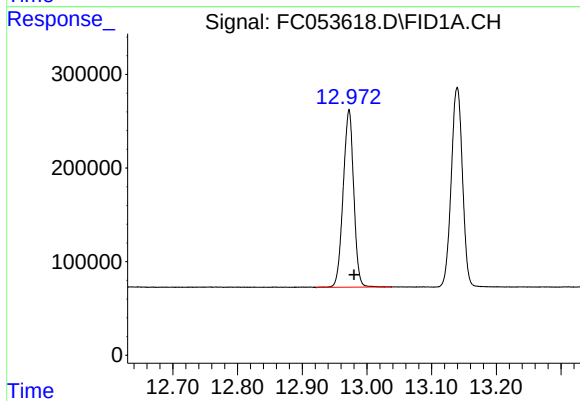
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: -0.009 min
Response: 2603385
Conc: 19.67 ug/ml



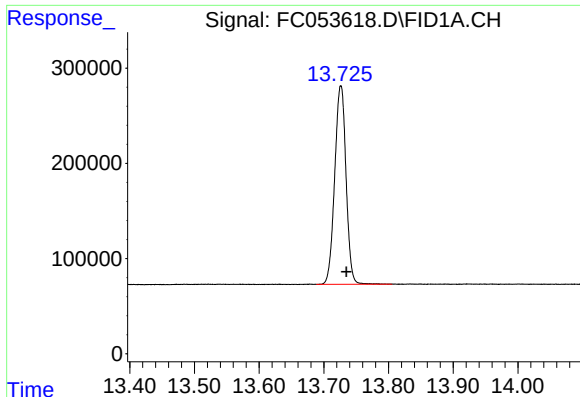
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: -0.009 min
Response: 2569839
Conc: 19.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: -0.008 min
Response: 2150437
Conc: 19.28 ug/ml



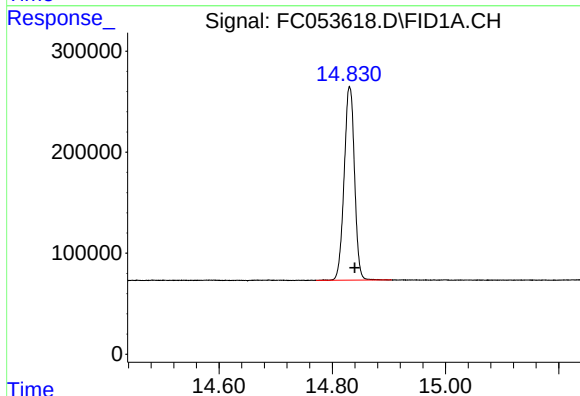
#13 n-Docosane (C22)

R.T.: 13.726 min
Delta R.T.: -0.009 min
Response: 2533945
Conc: 19.05 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

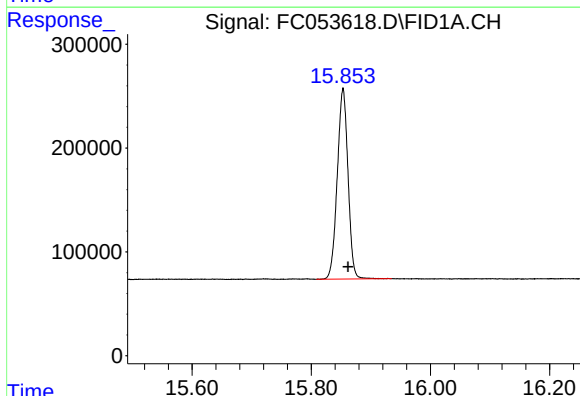
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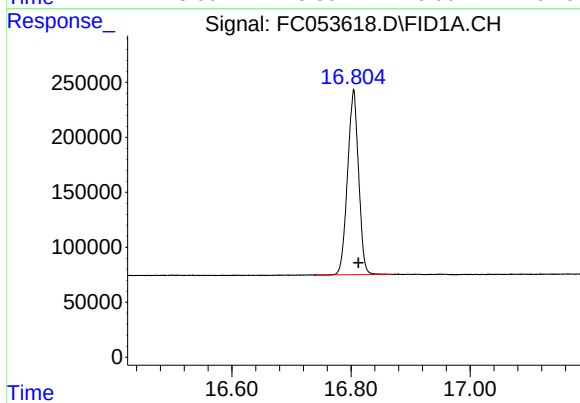
#14 n-Tetracosane (C24)

R.T.: 14.831 min
Delta R.T.: -0.009 min
Response: 2432073
Conc: 18.22 ug/ml



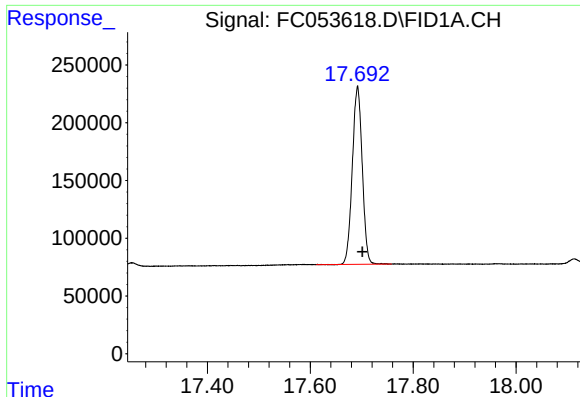
#15 n-Hexacosane (C26)

R.T.: 15.853 min
Delta R.T.: -0.009 min
Response: 2297051
Conc: 17.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.804 min
Delta R.T.: -0.008 min
Response: 2163570
Conc: 16.53 ug/ml



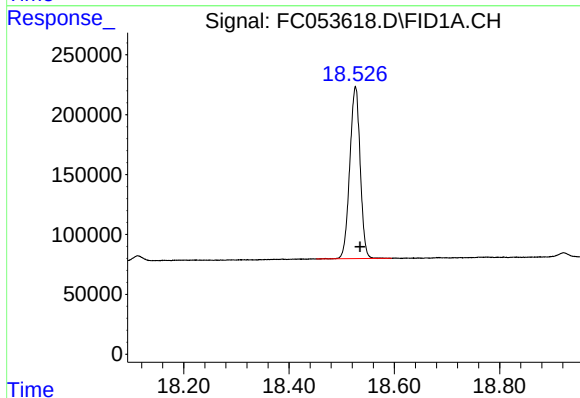
#17 n-Tricontane (C30)

R.T.: 17.692 min
Delta R.T.: -0.009 min
Response: 2056599
Conc: 15.77 ug/ml

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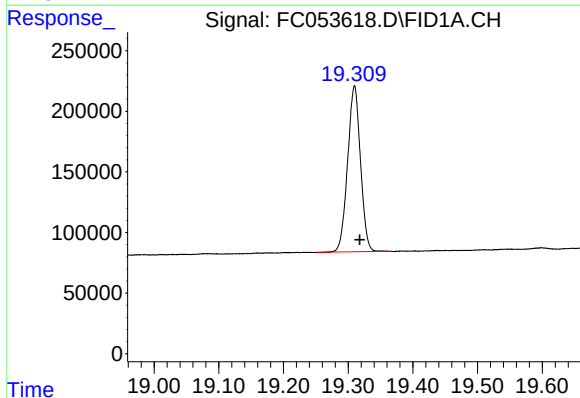
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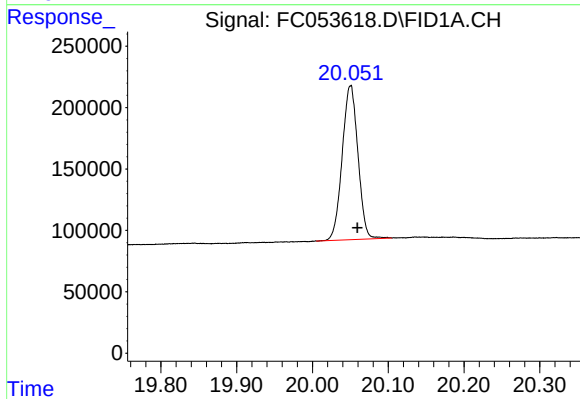
#18 n-Dotriacontane (C32)

R.T.: 18.526 min
Delta R.T.: -0.009 min
Response: 1963861
Conc: 15.56 ug/ml



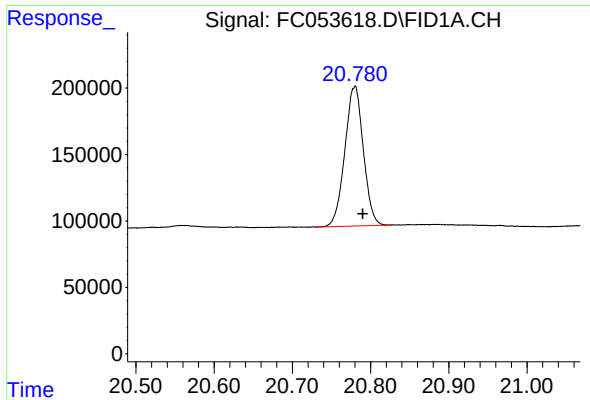
#19 n-Tetratriacontane (C34)

R.T.: 19.309 min
Delta R.T.: -0.009 min
Response: 1891119
Conc: 15.52 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.051 min
Delta R.T.: -0.008 min
Response: 1814562
Conc: 15.52 ug/ml m



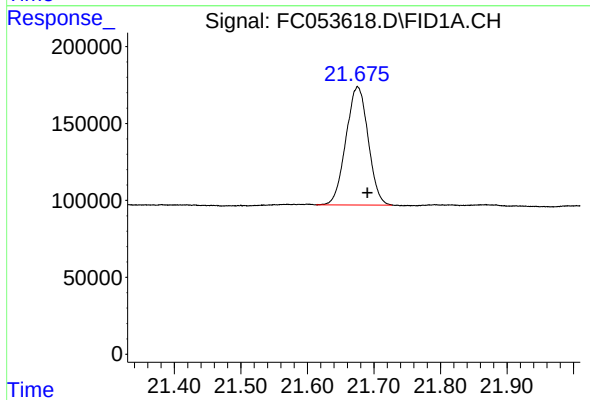
#21 n-Octatriacontane (C38)

R.T.: 20.780 min
Delta R.T.: -0.010 min
Response: 1730976
Conc: 16.83 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.675 min
Delta R.T.: -0.015 min
Response: 1785617
Conc: 17.92 ug/ml m