

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042720AL\
 Data File : FC047152.D
 Signal(s) : FID1A.CH
 Acq On : 27 Apr 2020 11:22
 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
 4/28/2020 3:44:51 PM

Integration File: sample.E
 Quant Time: Apr 28 00:51:31 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042320.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 23 16:30:34 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)	11.754	2293847	20.614 ug/ml
Spiked Amount 50.000		Recovery =	41.23%
12) S 1-chlorooctadecane (S...	13.169	1810435	20.272 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
Target Compounds			
1) T n-Nonane (C9)	3.552	2075612	21.499 ug/ml
2) T n-Decane (C10)	4.618	2092118	21.689 ug/ml
3) T A~Naphthalene (C11.7)	6.217	2187380	21.713 ug/ml
4) T n-Dodecane (C12)	6.621	2142677	21.793 ug/ml
5) T A~2-methylnaphthalene...	7.265	2192617	21.982 ug/ml
6) T n-Tetradecane (C14)	8.401	2151464	21.785 ug/ml
7) T n-Hexadecane (C16)	9.990	2159903	21.423 ug/ml
8) T n-Octadecane (C18)	11.421	2175520	21.073 ug/ml
10) T n-Eicosane (C20)	12.723	2169145	20.672 ug/ml
11) T n-Heneicosane (C21)	13.330	2166630	20.369 ug/ml
13) T n-Docosane (C22)	13.913	2177765	20.466 ug/ml
14) T n-Tetracosane (C24)	15.010	2229753	20.733 ug/ml
15) T n-Hexacosane (C26)	16.026	2180602	20.211 ug/ml
16) T n-Octacosane (C28)	16.969	2141982	20.040 ug/ml
17) T n-Tricontane (C30)	17.852	2006161	20.048 ug/ml
18) T n-Dotriacontane (C32)	18.680	1545025	20.275 ug/ml
19) T n-Tetratriacontane (C34)	19.459	1115853	19.858 ug/ml
20) T n-Hexatriacontane (C36)	20.196	957537	19.135 ug/mlm
21) T n-Octatriacontane (C38)	20.953	885441	19.526 ug/ml
22) T n-Tetracontane (C40)	21.906	887965	18.929 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

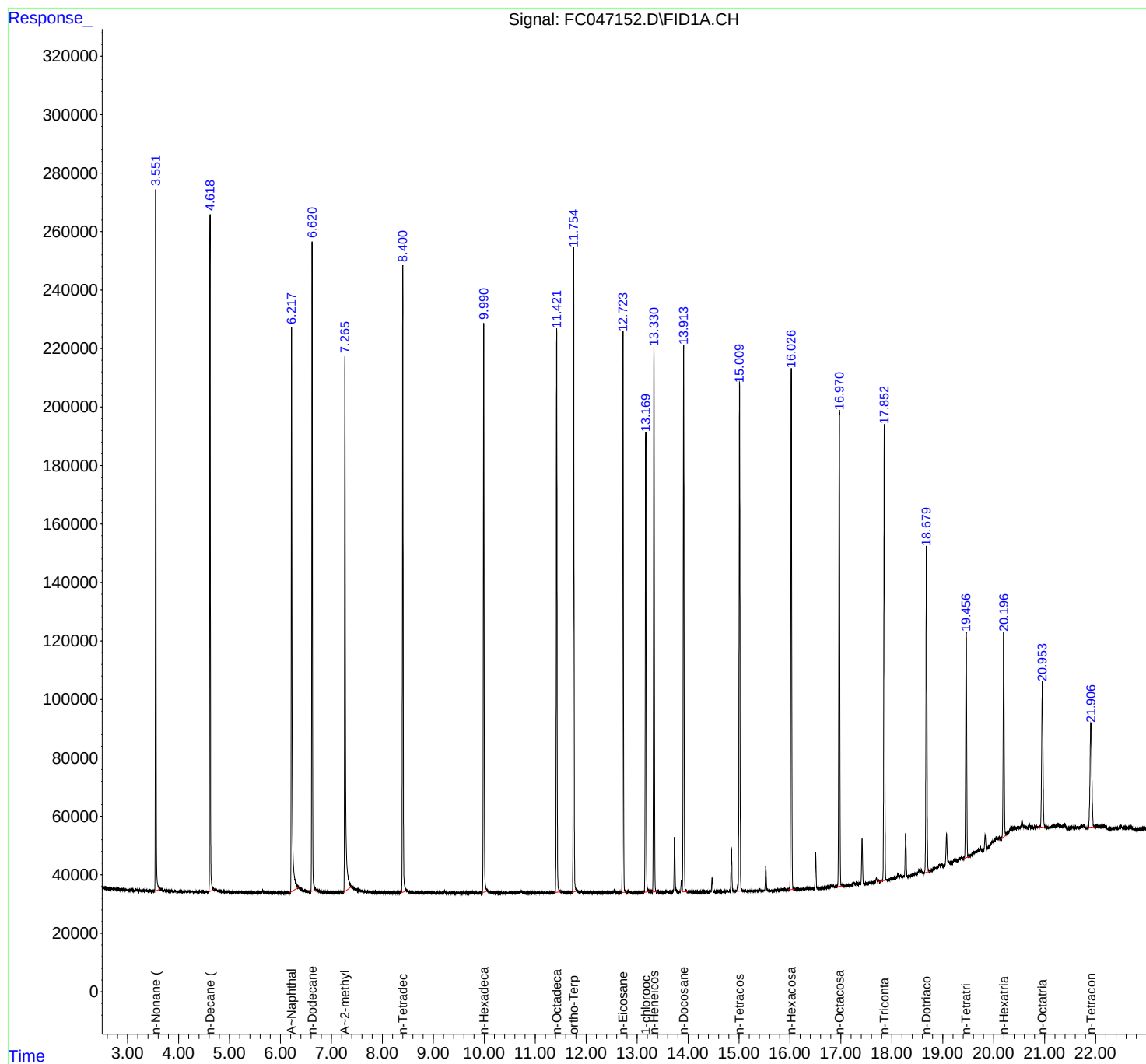
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

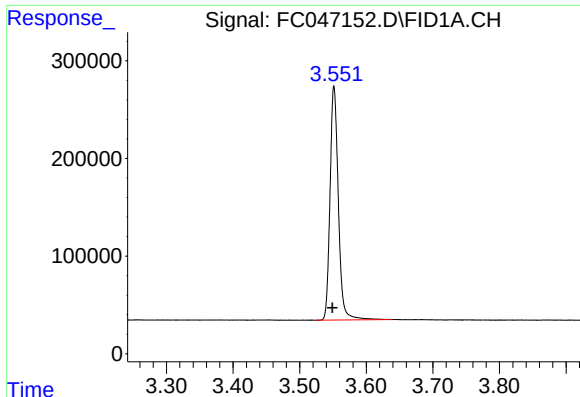
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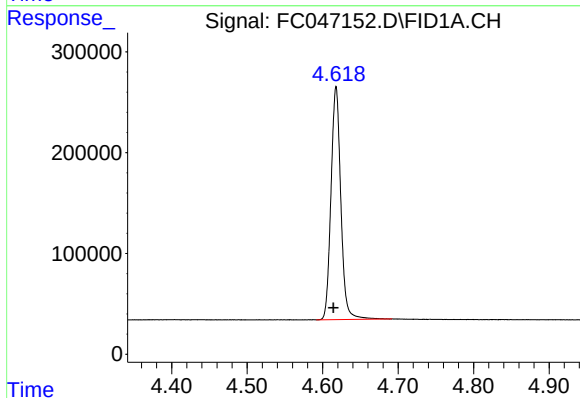
#1 n-Nonane (C9)

R.T.: 3.552 min
Delta R.T.: 0.003 min
Response: 2075612
Conc: 21.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

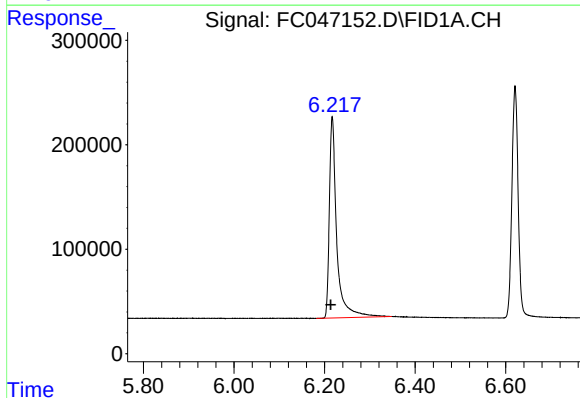
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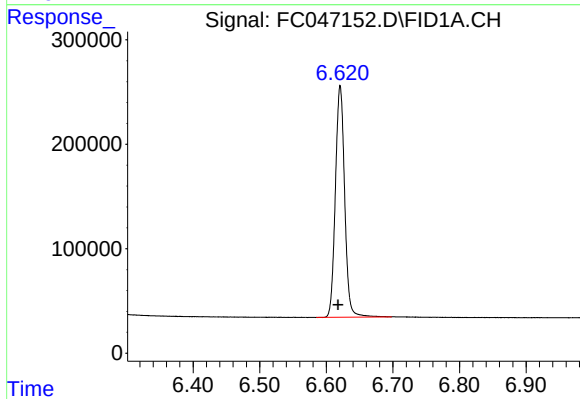
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: 0.003 min
Response: 2092118
Conc: 21.69 ug/ml



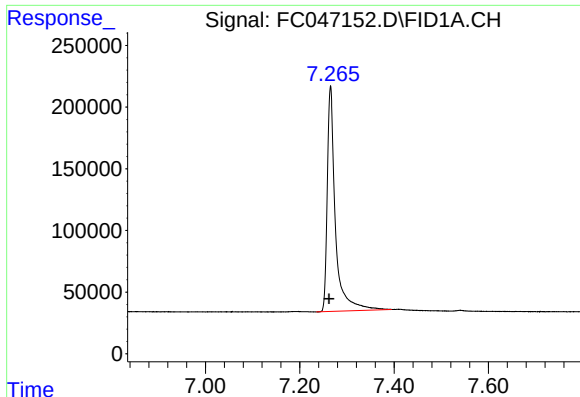
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: 0.004 min
Response: 2187380
Conc: 21.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.621 min
Delta R.T.: 0.003 min
Response: 2142677
Conc: 21.79 ug/ml



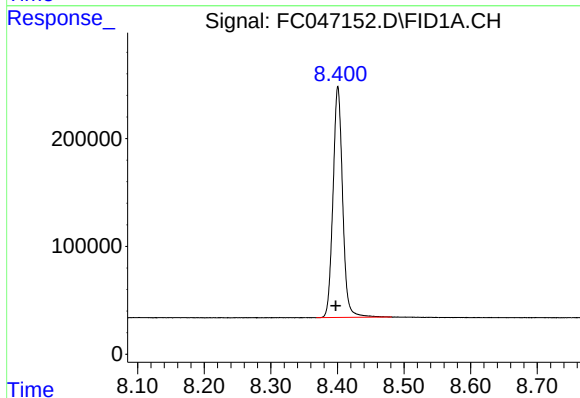
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.265 min
Delta R.T.: 0.003 min
Response: 2192617
Conc: 21.98 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

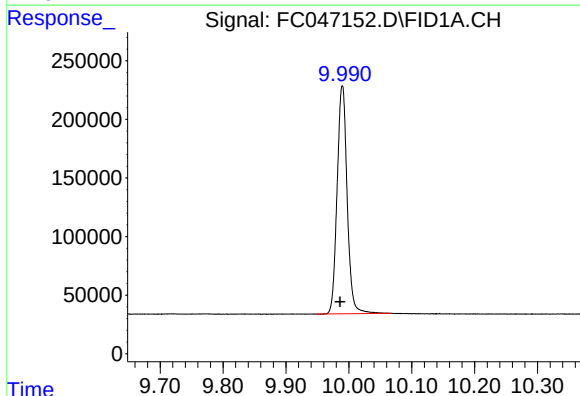
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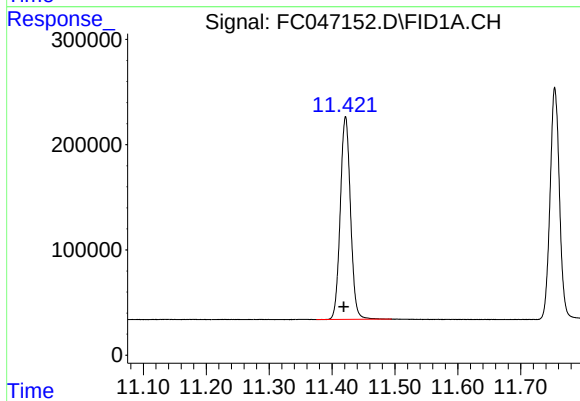
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: 0.003 min
Response: 2151464
Conc: 21.78 ug/ml



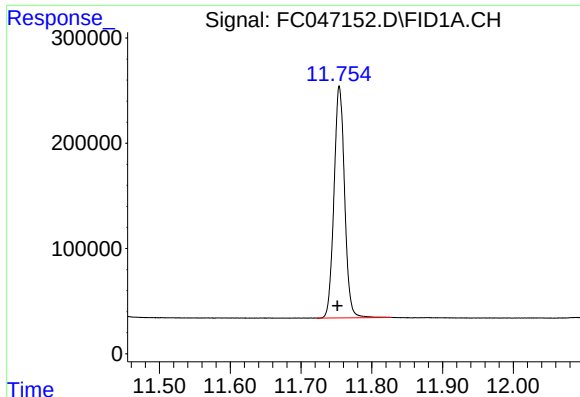
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: 0.003 min
Response: 2159903
Conc: 21.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.421 min
Delta R.T.: 0.003 min
Response: 2175520
Conc: 21.07 ug/ml



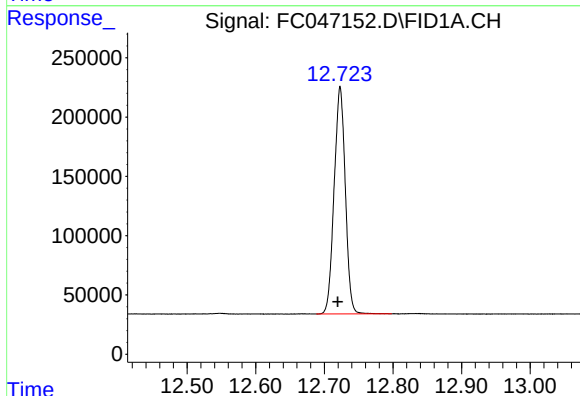
#9 ortho-Terphenyl (SURR)

R.T.: 11.754 min
Delta R.T.: 0.003 min
Response: 2293847
Conc: 20.61 ug/ml

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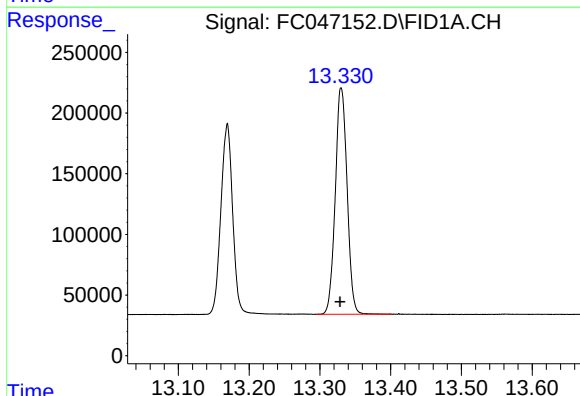
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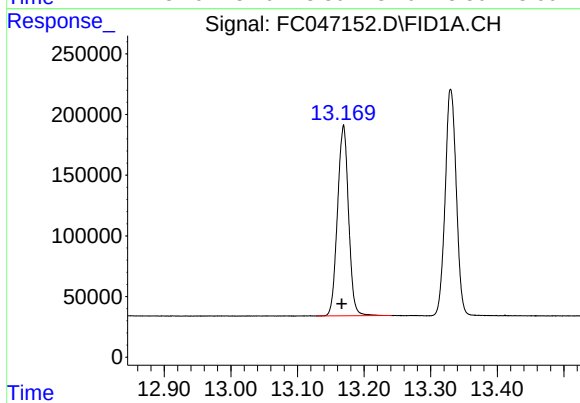
#10 n-Eicosane (C20)

R.T.: 12.723 min
Delta R.T.: 0.003 min
Response: 2169145
Conc: 20.67 ug/ml



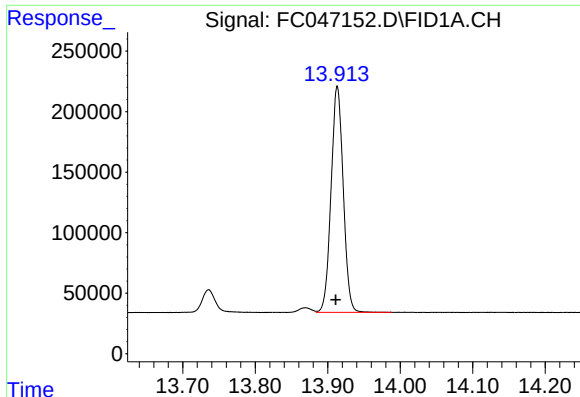
#11 n-Heneicosane (C21)

R.T.: 13.330 min
Delta R.T.: 0.002 min
Response: 2166630
Conc: 20.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.169 min
Delta R.T.: 0.003 min
Response: 1810435
Conc: 20.27 ug/ml



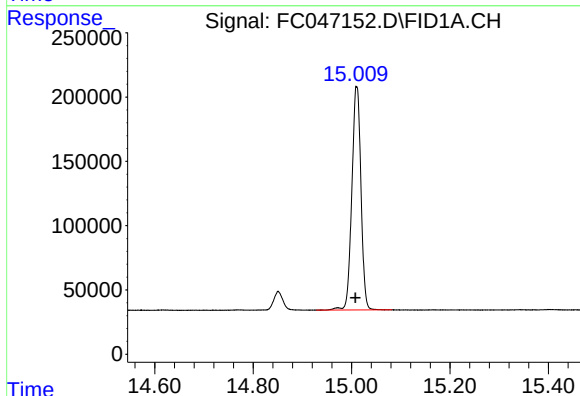
#13 n-Docosane (C22)

R.T.: 13.913 min
Delta R.T.: 0.002 min
Response: 2177765
Conc: 20.47 ug/ml

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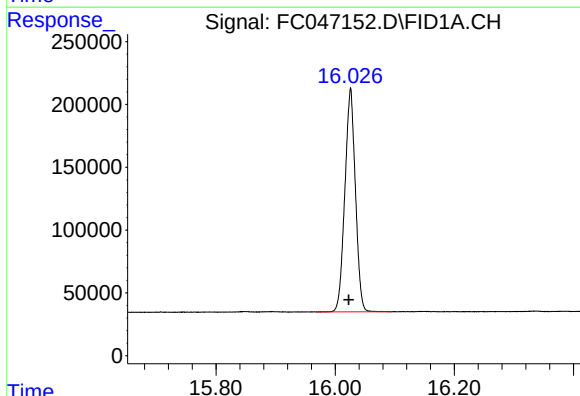
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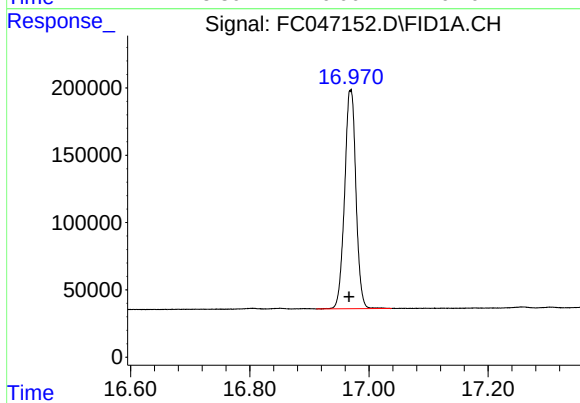
#14 n-Tetracosane (C24)

R.T.: 15.010 min
Delta R.T.: 0.003 min
Response: 2229753
Conc: 20.73 ug/ml



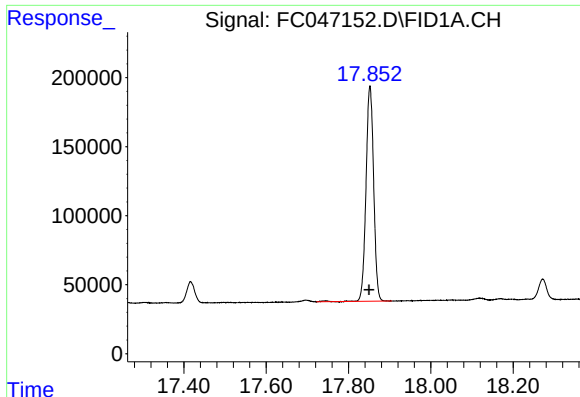
#15 n-Hexacosane (C26)

R.T.: 16.026 min
Delta R.T.: 0.003 min
Response: 2180602
Conc: 20.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.969 min
Delta R.T.: 0.003 min
Response: 2141982
Conc: 20.04 ug/ml



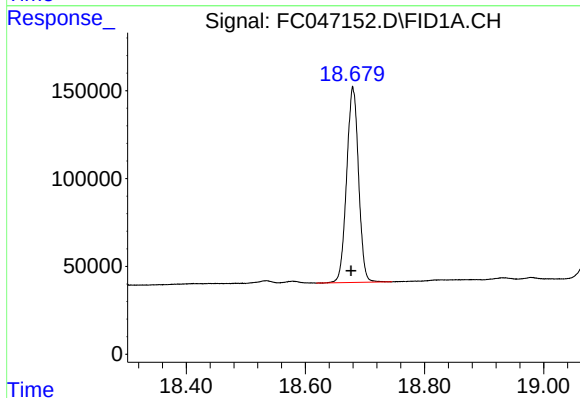
#17 n-Tricontane (C30)

R.T.: 17.852 min
Delta R.T.: 0.002 min
Response: 2006161
Conc: 20.05 ug/ml

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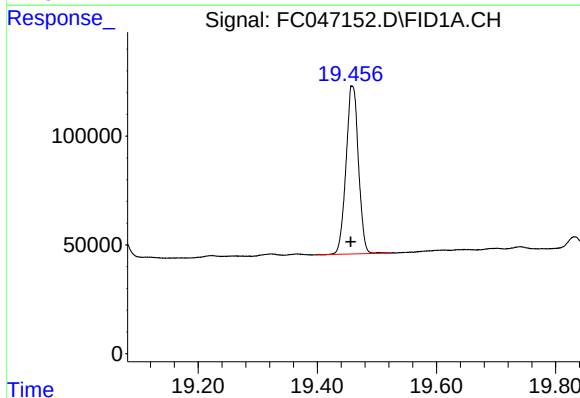
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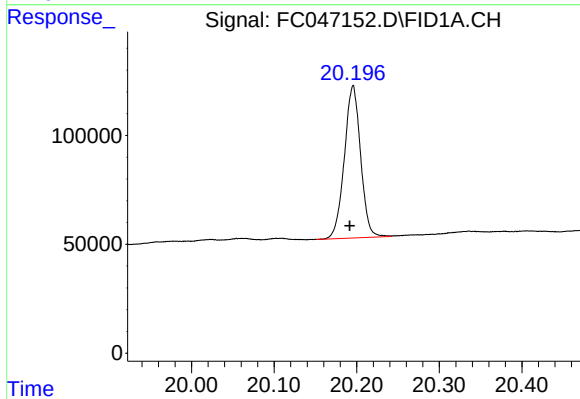
#18 n-Dotriacontane (C32)

R.T.: 18.680 min
Delta R.T.: 0.003 min
Response: 1545025
Conc: 20.28 ug/ml



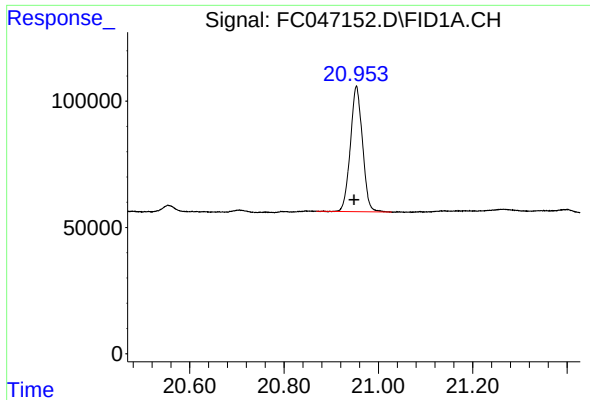
#19 n-Tetratriacontane (C34)

R.T.: 19.459 min
Delta R.T.: 0.003 min
Response: 1115853
Conc: 19.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.196 min
Delta R.T.: 0.004 min
Response: 957537
Conc: 19.13 ug/ml m



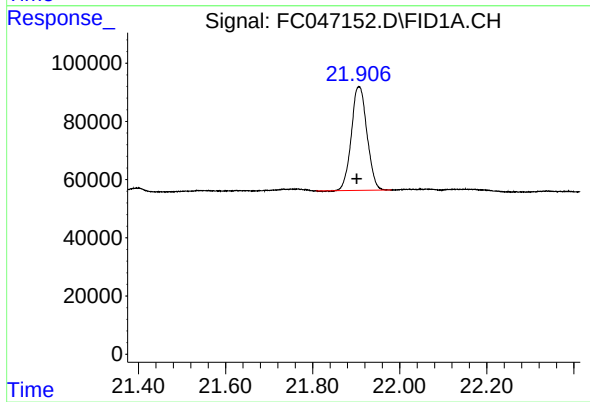
#21 n-Octatriacontane (C38)

R.T.: 20.953 min
Delta R.T.: 0.005 min
Response: 885441
Conc: 19.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.906 min
Delta R.T.: 0.005 min
Response: 887965
Conc: 18.93 ug/ml