

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042920AL\
 Data File : FC047179.D
 Signal(s) : FID1A.CH
 Acq On : 29 Apr 2020 9:10
 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

Integration File: autoint1.e
 Quant Time: Apr 29 12:03:53 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)	11.751	2315982	20.813 ug/ml
Spiked Amount 50.000		Recovery =	41.63%
12) S 1-chlorooctadecane (S...	13.165	1823089	20.414 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
Target Compounds			
1) T n-Nonane (C9)	3.551	2081332	21.558 ug/ml
2) T n-Decane (C10)	4.616	2116652	21.943 ug/ml
3) T A~Naphthalene (C11.7)	6.216	2211027	21.948 ug/ml
4) T n-Dodecane (C12)	6.619	2164695	22.017 ug/ml
5) T A~2-methylnaphthalene...	7.263	2204208	22.098 ug/ml
6) T n-Tetradecane (C14)	8.398	2176817	22.042 ug/ml
7) T n-Hexadecane (C16)	9.987	2191862	21.740 ug/ml
8) T n-Octadecane (C18)	11.418	2196488	21.277 ug/ml
10) T n-Eicosane (C20)	12.719	2189775	20.869 ug/ml
11) T n-Heneicosane (C21)	13.327	2186544	20.556 ug/ml
13) T n-Docosane (C22)	13.910	2201499	20.689 ug/ml
14) T n-Tetracosane (C24)	15.006	2265803	21.069 ug/ml
15) T n-Hexacosane (C26)	16.020	2214318	20.524 ug/ml
16) T n-Octacosane (C28)	16.964	2185826	20.450 ug/ml
17) T n-Tricontane (C30)	17.848	2056197	20.548 ug/ml
18) T n-Dotriacontane (C32)	18.674	1588229	20.842 ug/ml
19) T n-Tetratriacontane (C34)	19.451	1143250	20.345 ug/ml
20) T n-Hexatriacontane (C36)	20.188	957707	19.138 ug/ml
21) T n-Octatriacontane (C38)	20.943	889687	19.620 ug/ml
22) T n-Tetracontane (C40)	21.897	901106	19.209 ug/ml

(f)=RT Delta > 1/2 Window

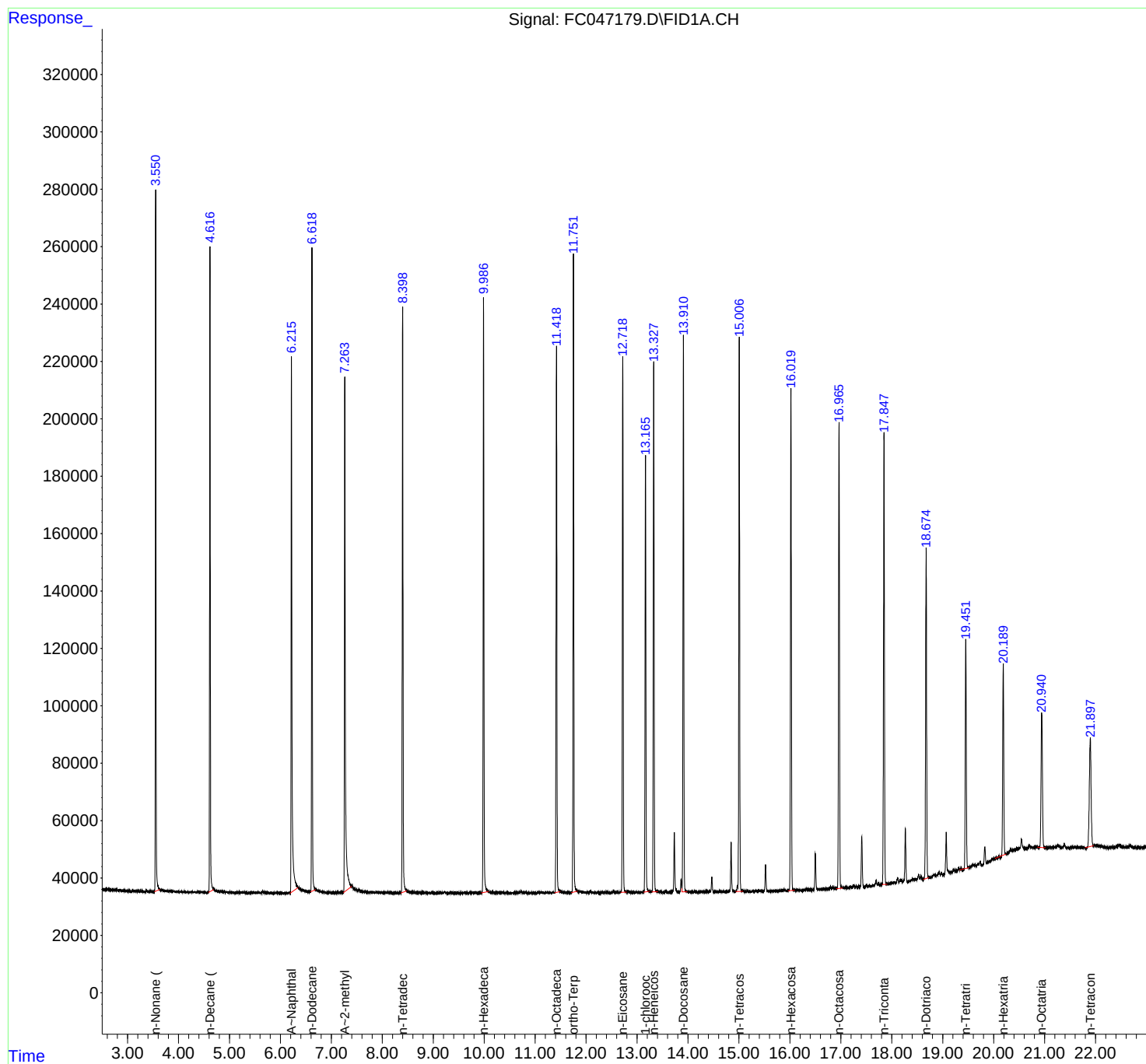
(m)=manual int.

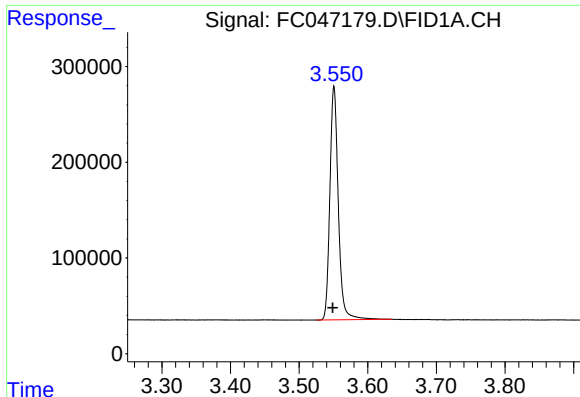
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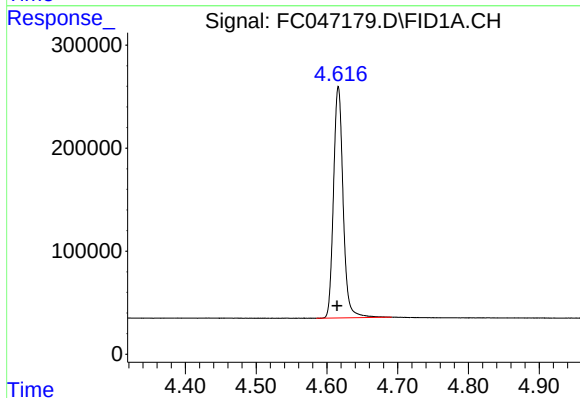




#1 n-Nonane (C9)

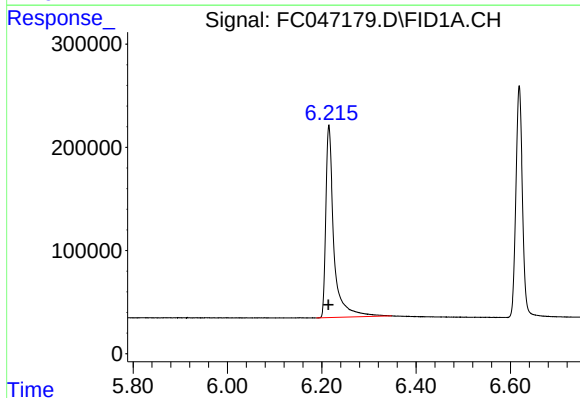
R.T.: 3.551 min
Delta R.T.: 0.002 min
Response: 2081332
Conc: 21.56 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



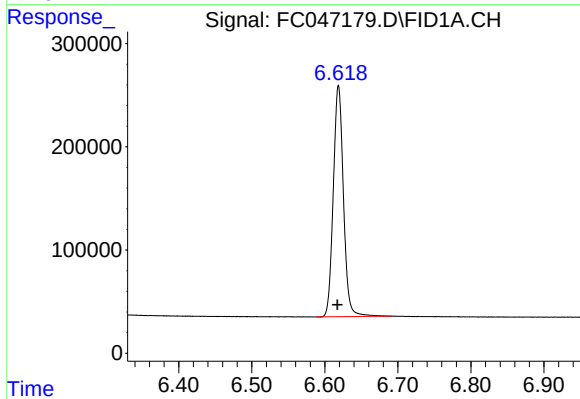
#2 n-Decane (C10)

R.T.: 4.616 min
Delta R.T.: 0.002 min
Response: 2116652
Conc: 21.94 ug/ml



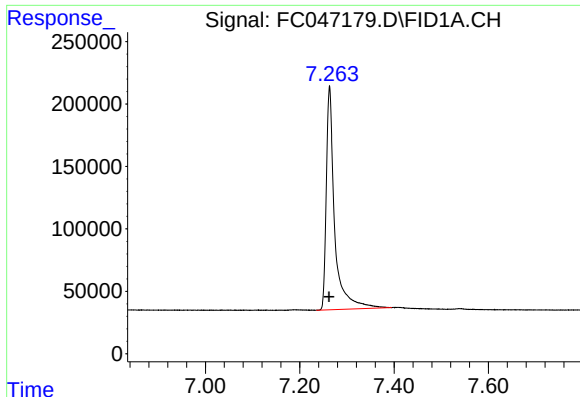
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: 0.002 min
Response: 2211027
Conc: 21.95 ug/ml



#4 n-Dodecane (C12)

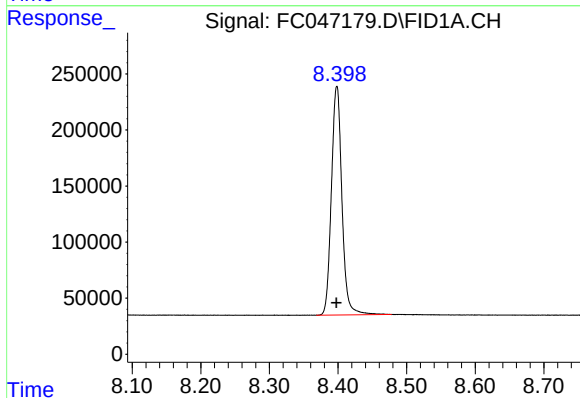
R.T.: 6.619 min
Delta R.T.: 0.001 min
Response: 2164695
Conc: 22.02 ug/ml



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

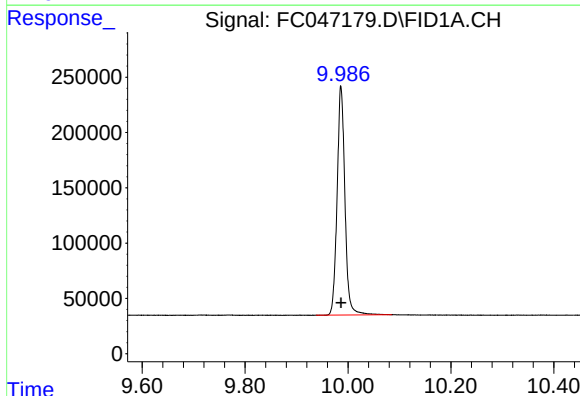
R.T.: 7.263 min
Delta R.T.: 0.000 min
Response: 2204208
Conc: 22.10 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



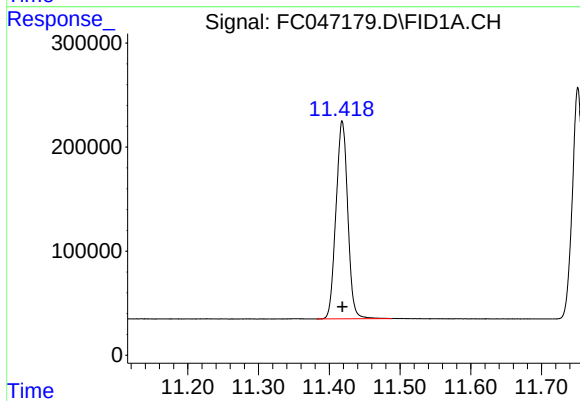
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 2176817
Conc: 22.04 ug/ml



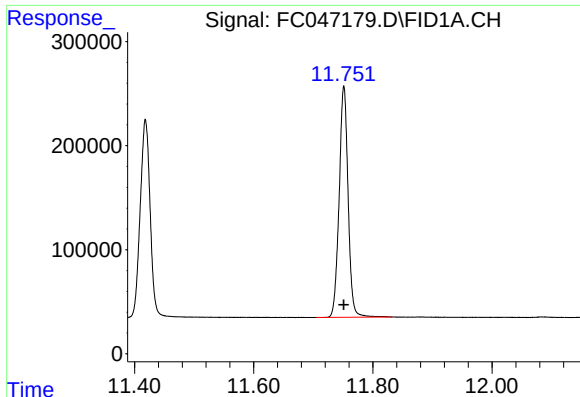
#7 n-Hexadecane (C16)

R.T.: 9.987 min
Delta R.T.: 0.000 min
Response: 2191862
Conc: 21.74 ug/ml



#8 n-Octadecane (C18)

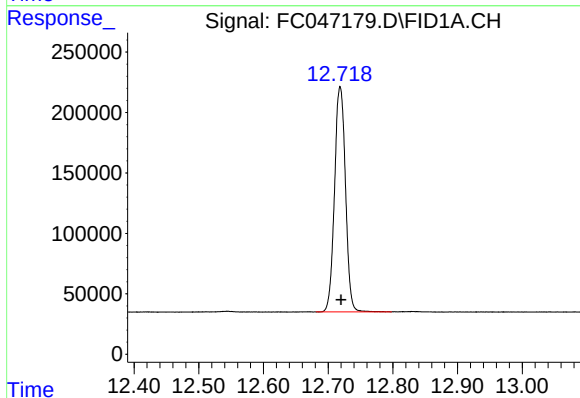
R.T.: 11.418 min
Delta R.T.: 0.000 min
Response: 2196488
Conc: 21.28 ug/ml



#9 ortho-Terphenyl (SURR)

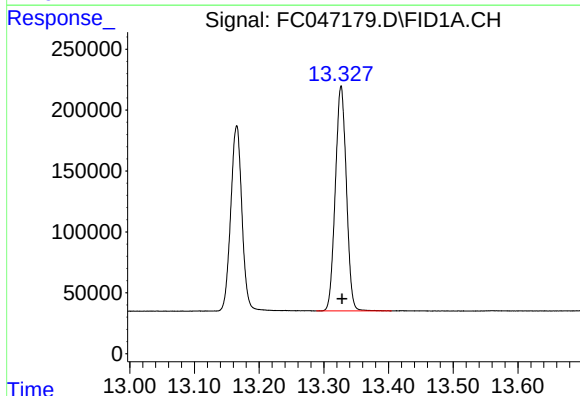
R.T.: 11.751 min
Delta R.T.: 0.000 min
Response: 2315982
Conc: 20.81 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



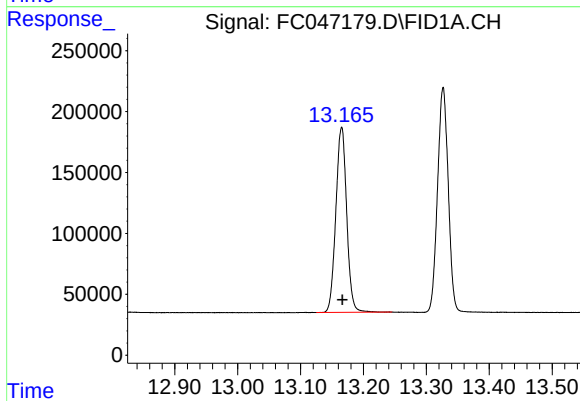
#10 n-Eicosane (C20)

R.T.: 12.719 min
Delta R.T.: -0.001 min
Response: 2189775
Conc: 20.87 ug/ml



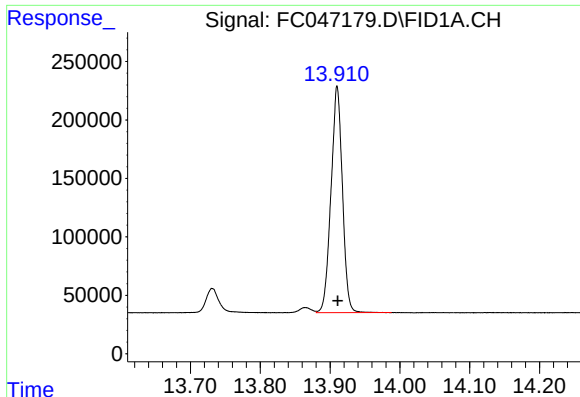
#11 n-Heneicosane (C21)

R.T.: 13.327 min
Delta R.T.: -0.002 min
Response: 2186544
Conc: 20.56 ug/ml



#12 1-chlorooctadecane (SURR)

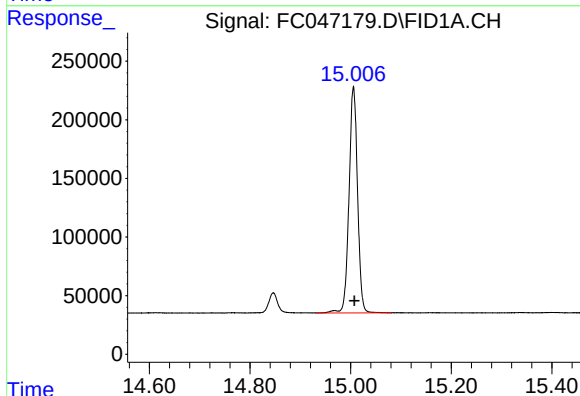
R.T.: 13.165 min
Delta R.T.: -0.001 min
Response: 1823089
Conc: 20.41 ug/ml



#13 n-Docosane (C22)

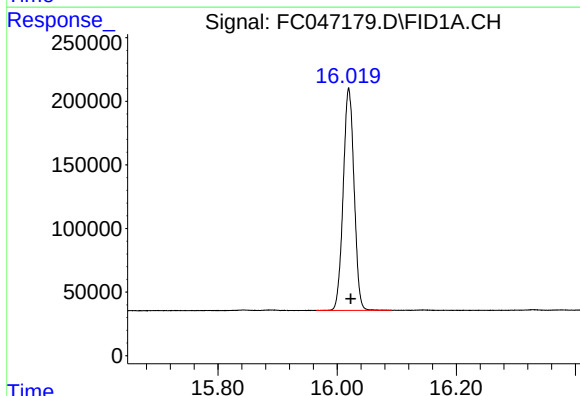
R.T.: 13.910 min
Delta R.T.: 0.000 min
Response: 2201499
Conc: 20.69 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



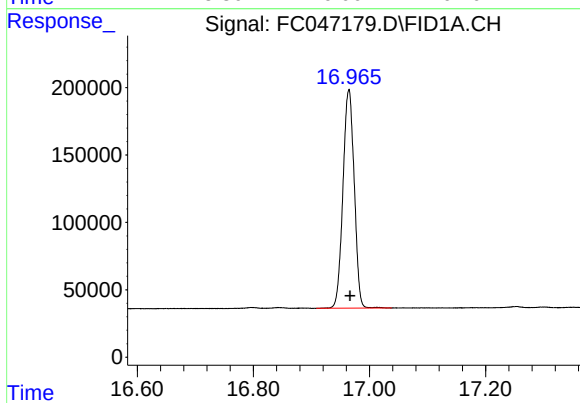
#14 n-Tetracosane (C24)

R.T.: 15.006 min
Delta R.T.: -0.002 min
Response: 2265803
Conc: 21.07 ug/ml



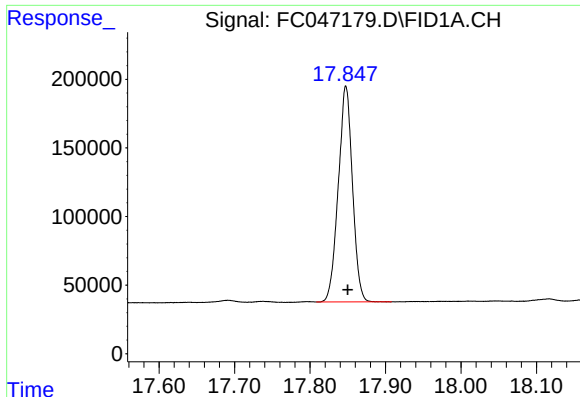
#15 n-Hexacosane (C26)

R.T.: 16.020 min
Delta R.T.: -0.003 min
Response: 2214318
Conc: 20.52 ug/ml



#16 n-Octacosane (C28)

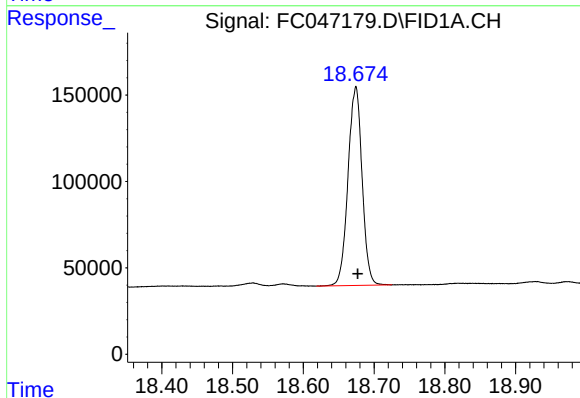
R.T.: 16.964 min
Delta R.T.: -0.002 min
Response: 2185826
Conc: 20.45 ug/ml



#17 n-Tricontane (C30)

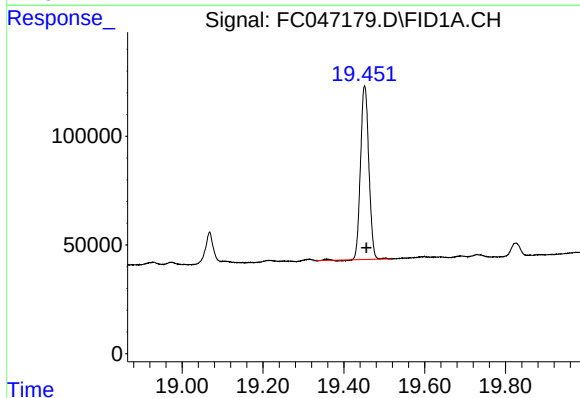
R.T.: 17.848 min
Delta R.T.: -0.002 min
Response: 2056197
Conc: 20.55 ug/ml

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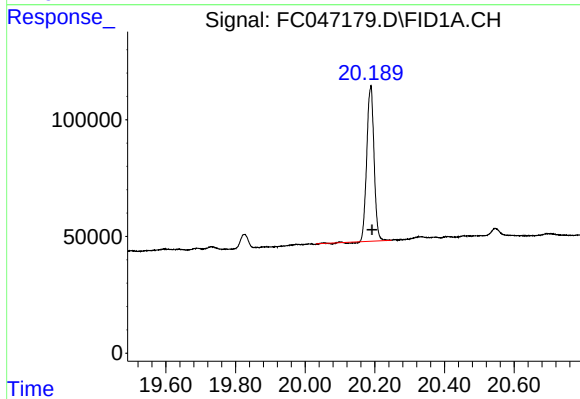
#18 n-Dotriacontane (C32)

R.T.: 18.674 min
Delta R.T.: -0.003 min
Response: 1588229
Conc: 20.84 ug/ml



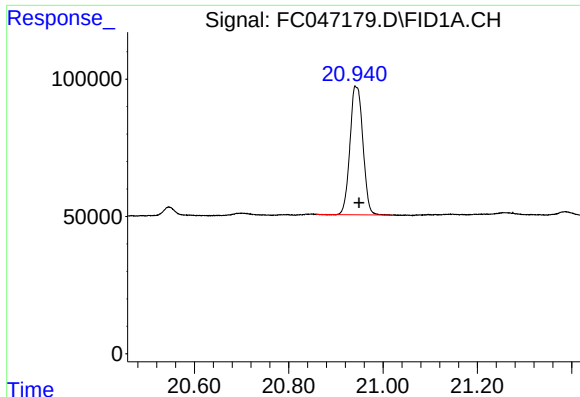
#19 n-Tetratriacontane (C34)

R.T.: 19.451 min
Delta R.T.: -0.005 min
Response: 1143250
Conc: 20.35 ug/ml



#20 n-Hexatriacontane (C36)

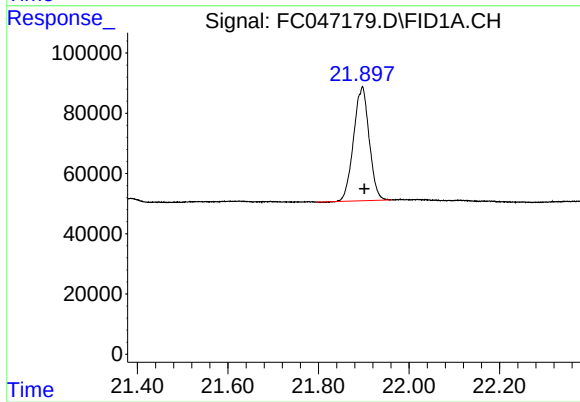
R.T.: 20.188 min
Delta R.T.: -0.004 min
Response: 957707
Conc: 19.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.943 min
Delta R.T.: -0.006 min
Response: 889687
Conc: 19.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.897 min
Delta R.T.: -0.005 min
Response: 901106
Conc: 19.21 ug/ml