

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042420AL\
 Data File : FC047134.D
 Signal(s) : FID1A.CH
 Acq On : 26 Apr 2020 11:25
 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: sample.E
 Quant Time: Apr 27 00:50:54 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)	11.755	2266841	20.371 ug/ml
Spiked Amount 50.000		Recovery =	40.74%
12) S 1-chlorooctadecane (S...	13.170	1790132	20.045 ug/ml
Spiked Amount 50.000		Recovery =	40.09%
Target Compounds			
1) T n-Nonane (C9)	3.552	2035085	21.079 ug/ml
2) T n-Decane (C10)	4.618	2054937	21.303 ug/ml
3) T A~Naphthalene (C11.7)	6.218	2145824	21.301 ug/ml
4) T n-Dodecane (C12)	6.621	2095719	21.315 ug/ml
5) T A~2-methylnaphthalene...	7.265	2157406	21.629 ug/ml
6) T n-Tetradecane (C14)	8.401	2106226	21.327 ug/ml
7) T n-Hexadecane (C16)	9.990	2129985	21.126 ug/ml
8) T n-Octadecane (C18)	11.423	2139995	20.729 ug/ml
10) T n-Eicosane (C20)	12.723	2132627	20.324 ug/ml
11) T n-Heneicosane (C21)	13.330	2134357	20.066 ug/ml
13) T n-Docosane (C22)	13.914	2129345	20.011 ug/ml
14) T n-Tetracosane (C24)	15.011	2106121	19.584 ug/ml
15) T n-Hexacosane (C26)	16.026	2055993	19.056 ug/ml
16) T n-Octacosane (C28)	16.970	1999349	18.706 ug/ml
17) T n-Tricontane (C30)	17.852	1856026	18.548 ug/ml
18) T n-Dotriacontane (C32)	18.680	1437902	18.870 ug/ml
19) T n-Tetratriacontane (C34)	19.459	1030138	18.332 ug/ml
20) T n-Hexatriacontane (C36)	20.194	1023793	20.459 ug/ml
21) T n-Octatriacontane (C38)	20.952	837180	18.462 ug/ml
22) T n-Tetracontane (C40)	21.910	1120305	23.882 ug/ml

(f)=RT Delta > 1/2 Window

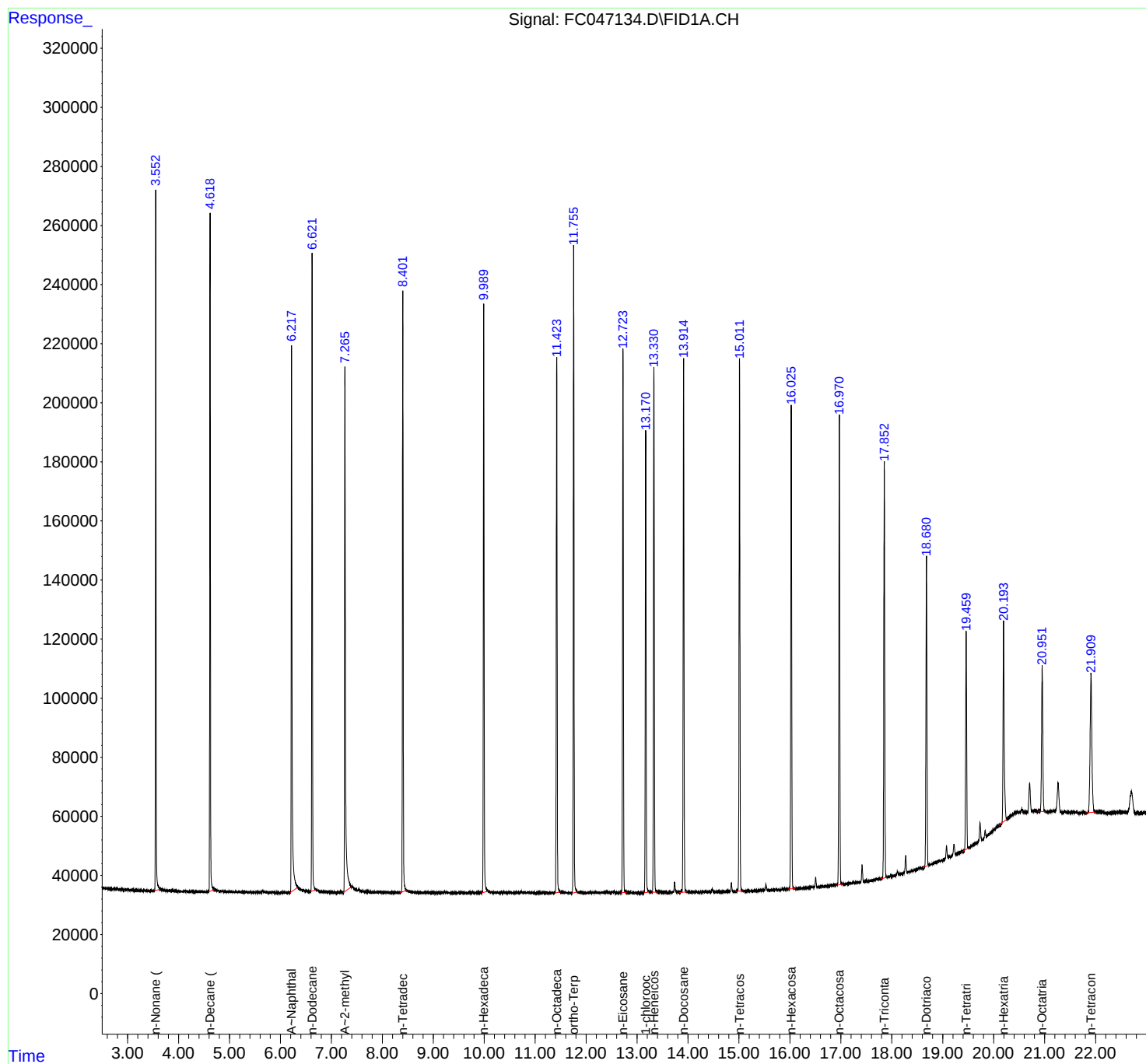
(m)=manual int.

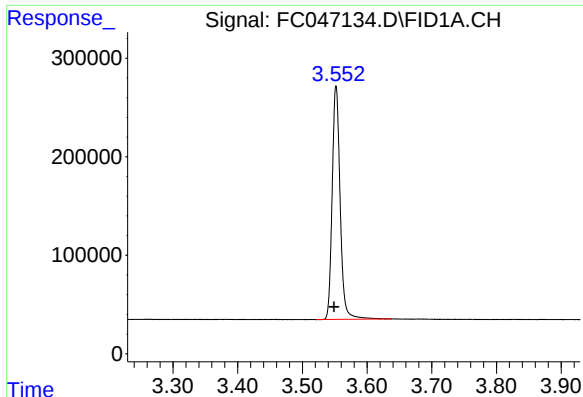
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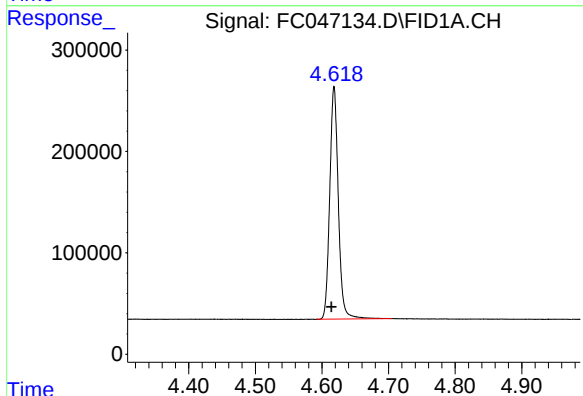




#1 n-Nonane (C9)

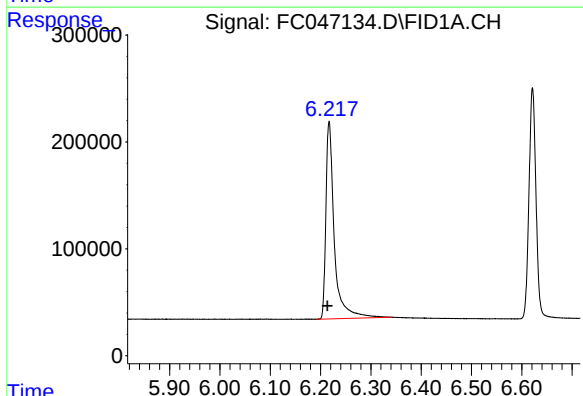
R.T.: 3.552 min
Delta R.T.: 0.003 min
Response: 2035085
Conc: 21.08 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



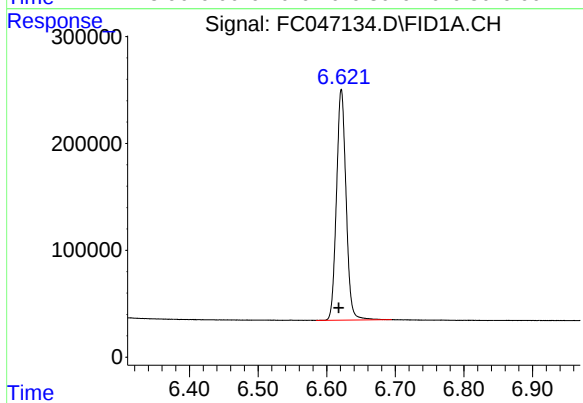
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: 0.004 min
Response: 2054937
Conc: 21.30 ug/ml



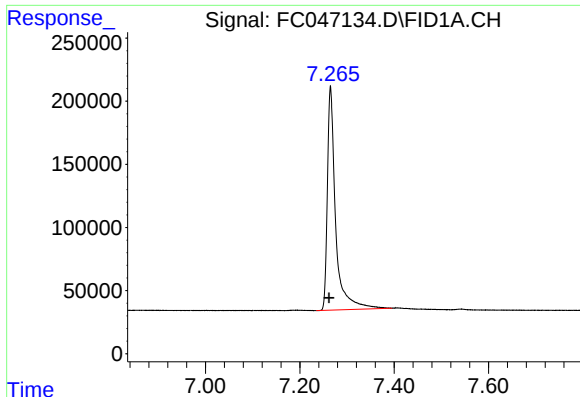
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: 0.004 min
Response: 2145824
Conc: 21.30 ug/ml



#4 n-Dodecane (C12)

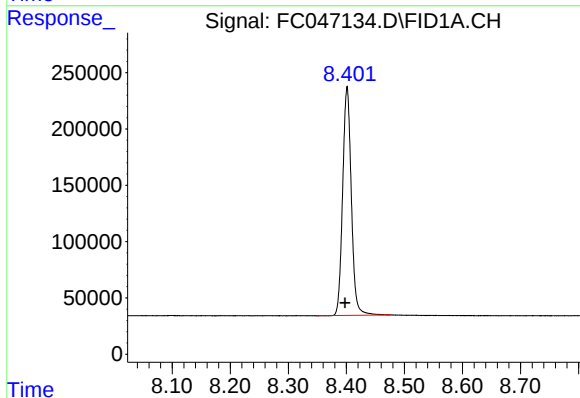
R.T.: 6.621 min
Delta R.T.: 0.004 min
Response: 2095719
Conc: 21.32 ug/ml



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

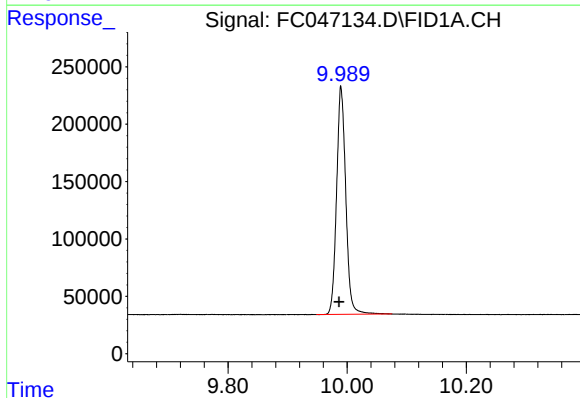
R.T.: 7.265 min
Delta R.T.: 0.003 min
Response: 2157406
Conc: 21.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



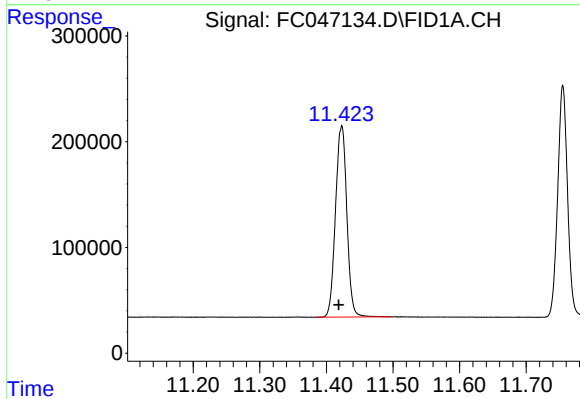
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: 0.004 min
Response: 2106226
Conc: 21.33 ug/ml



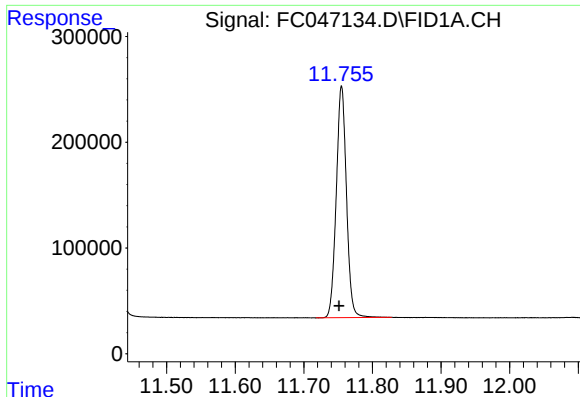
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: 0.004 min
Response: 2129985
Conc: 21.13 ug/ml



#8 n-Octadecane (C18)

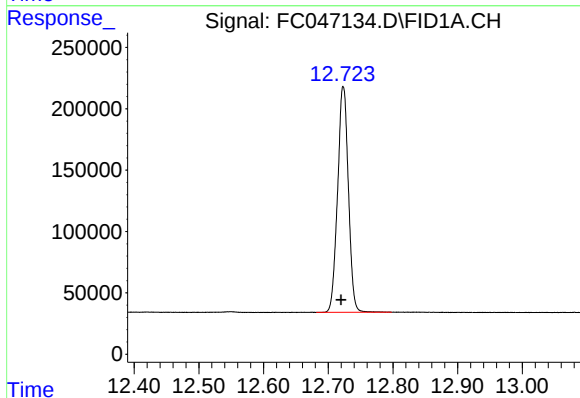
R.T.: 11.423 min
Delta R.T.: 0.004 min
Response: 2139995
Conc: 20.73 ug/ml



#9 ortho-Terphenyl (SURR)

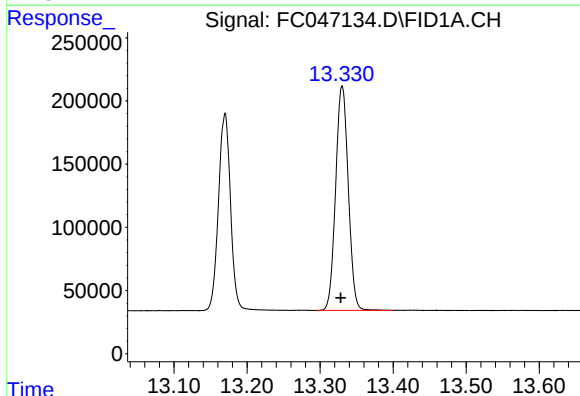
R.T.: 11.755 min
Delta R.T.: 0.004 min
Response: 2266841
Conc: 20.37 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



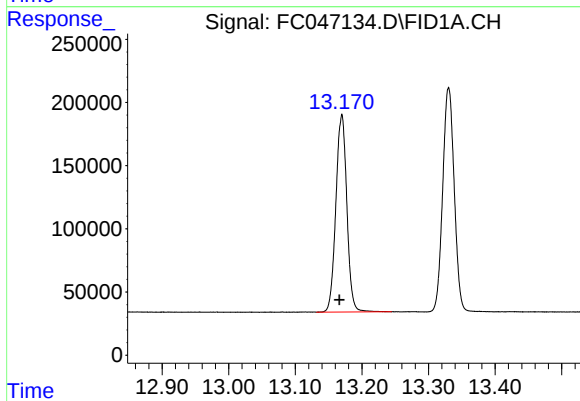
#10 n-Eicosane (C20)

R.T.: 12.723 min
Delta R.T.: 0.004 min
Response: 2132627
Conc: 20.32 ug/ml



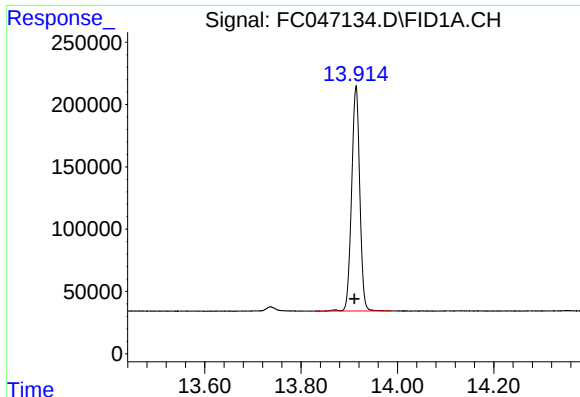
#11 n-Heneicosane (C21)

R.T.: 13.330 min
Delta R.T.: 0.002 min
Response: 2134357
Conc: 20.07 ug/ml



#12 1-chlorooctadecane (SURR)

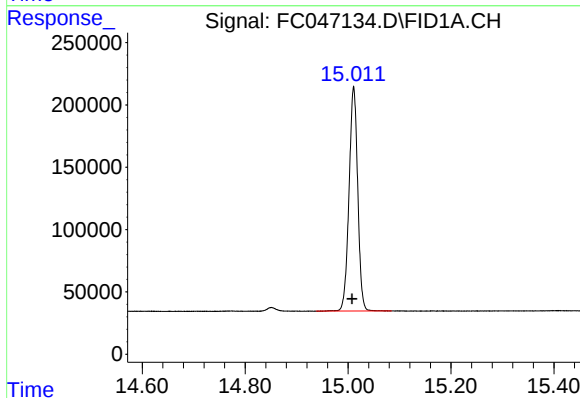
R.T.: 13.170 min
Delta R.T.: 0.003 min
Response: 1790132
Conc: 20.05 ug/ml



#13 n-Docosane (C22)

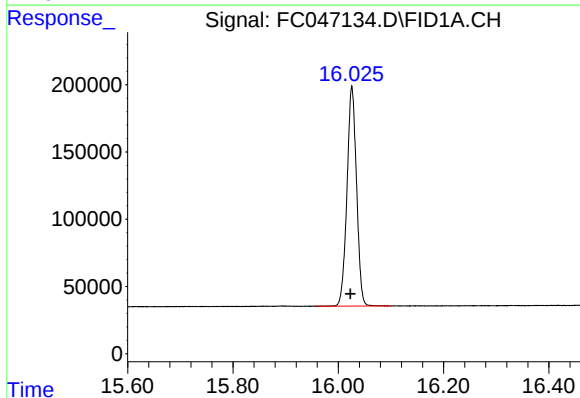
R.T.: 13.914 min
Delta R.T.: 0.003 min
Response: 2129345
Conc: 20.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



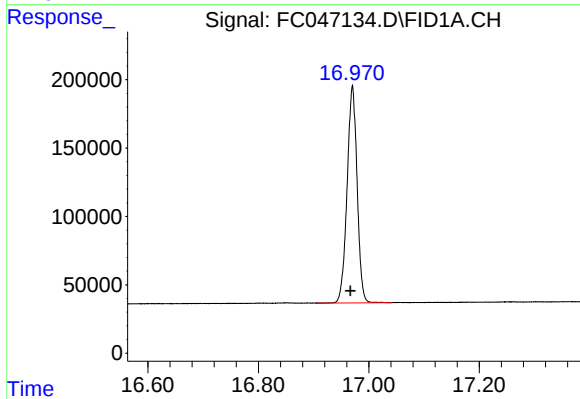
#14 n-Tetracosane (C24)

R.T.: 15.011 min
Delta R.T.: 0.003 min
Response: 2106121
Conc: 19.58 ug/ml



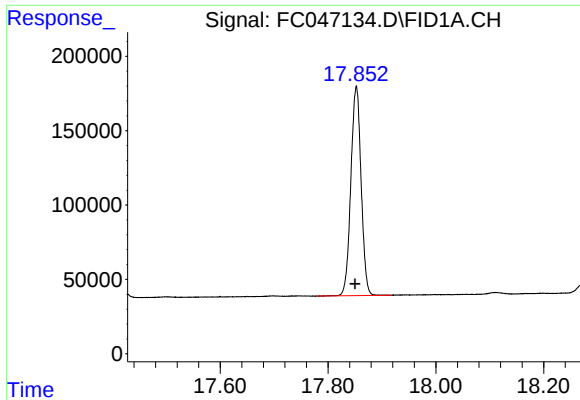
#15 n-Hexacosane (C26)

R.T.: 16.026 min
Delta R.T.: 0.003 min
Response: 2055993
Conc: 19.06 ug/ml



#16 n-Octacosane (C28)

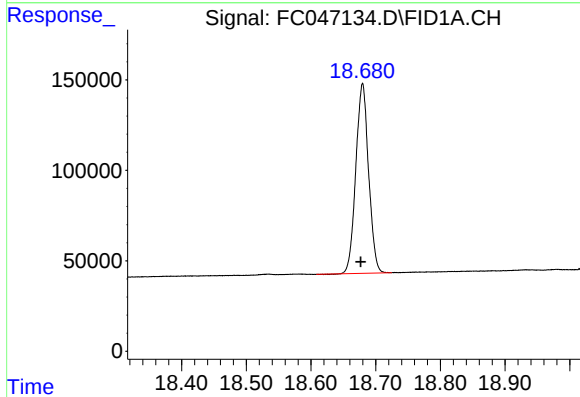
R.T.: 16.970 min
Delta R.T.: 0.004 min
Response: 1999349
Conc: 18.71 ug/ml



#17 n-Tricontane (C30)

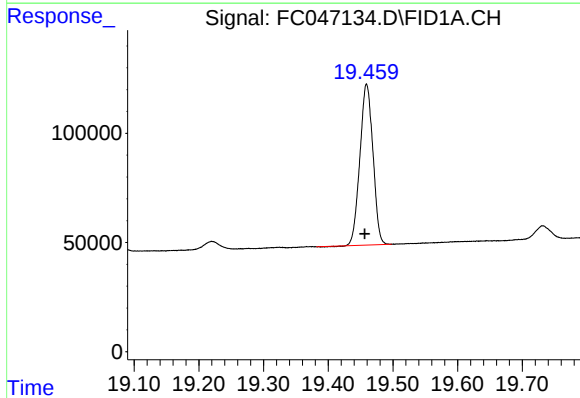
R.T.: 17.852 min
Delta R.T.: 0.002 min
Response: 1856026
Conc: 18.55 ug/ml

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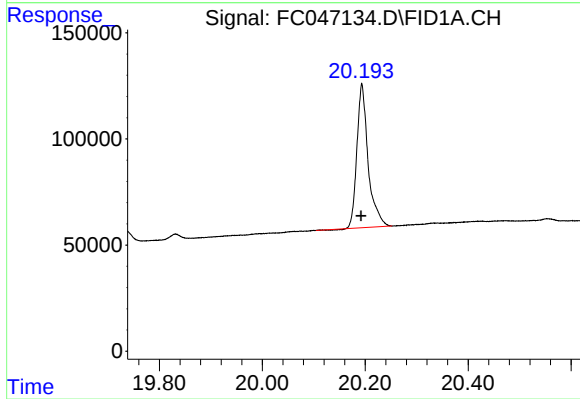
#18 n-Dotriacontane (C32)

R.T.: 18.680 min
Delta R.T.: 0.003 min
Response: 1437902
Conc: 18.87 ug/ml



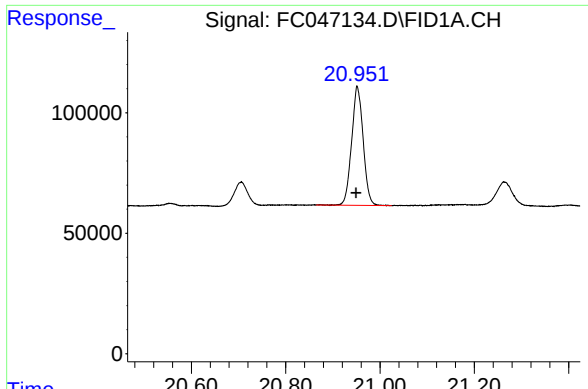
#19 n-Tetratriacontane (C34)

R.T.: 19.459 min
Delta R.T.: 0.003 min
Response: 1030138
Conc: 18.33 ug/ml



#20 n-Hexatriacontane (C36)

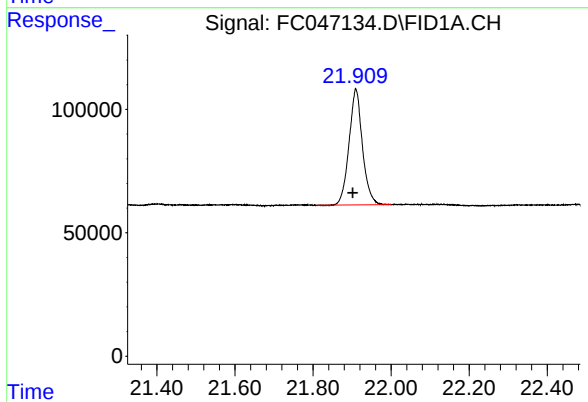
R.T.: 20.194 min
Delta R.T.: 0.002 min
Response: 1023793
Conc: 20.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.952 min
Delta R.T.: 0.003 min
Response: 837180
Conc: 18.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.910 min
Delta R.T.: 0.008 min
Response: 1120305
Conc: 23.88 ug/ml