

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020320AL\
 Data File : FC045618.D
 Signal(s) : FID1A.CH
 Acq On : 03 Feb 2020 11:19
 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: Feb 04 00:24:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 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)	11.765	1907827	17.355 ug/ml
Spiked Amount 50.000		Recovery =	34.71%
12) S 1-chlorooctadecane (S...	13.186	1466885	16.871 ug/ml
Spiked Amount 50.000		Recovery =	33.74%
Target Compounds			
1) T n-Nonane (C9)	3.518	1855528	19.184 ug/ml
2) T n-Decane (C10)	4.594	1875318	19.363 ug/ml
3) T A~Naphthalene (C11.7)	6.199	2010775	18.826 ug/ml
4) T n-Dodecane (C12)	6.612	1873136	19.160 ug/ml
5) T A~2-methylnaphthalene...	7.253	2007220	18.725 ug/ml
6) T n-Tetradecane (C14)	8.400	1846608	18.739 ug/ml
7) T n-Hexadecane (C16)	9.996	1823385	18.213 ug/ml
8) T n-Octadecane (C18)	11.434	1805813	17.730 ug/ml
10) T n-Eicosane (C20)	12.739	1771733	17.276 ug/ml
11) T n-Heneicosane (C21)	13.349	1755774	16.963 ug/ml
13) T n-Docosane (C22)	13.934	1726047	16.729 ug/ml
14) T n-Tetracosane (C24)	15.035	1694654	16.308 ug/ml
15) T n-Hexacosane (C26)	16.052	1656075	16.029 ug/ml
16) T n-Octacosane (C28)	16.999	1624684	15.895 ug/ml
17) T n-Tricontane (C30)	17.885	1573078	16.024 ug/ml
18) T n-Dotriacontane (C32)	18.714	1353623	16.268 ug/ml
19) T n-Tetratriacontane (C34)	19.495	1173367	16.581 ug/ml
20) T n-Hexatriacontane (C36)	20.232	1076816	16.794 ug/ml
21) T n-Octatriacontane (C38)	21.002	1022001	17.473 ug/ml
22) T n-Tetracontane (C40)	21.972	1044670	17.709 ug/ml

(f)=RT Delta > 1/2 Window

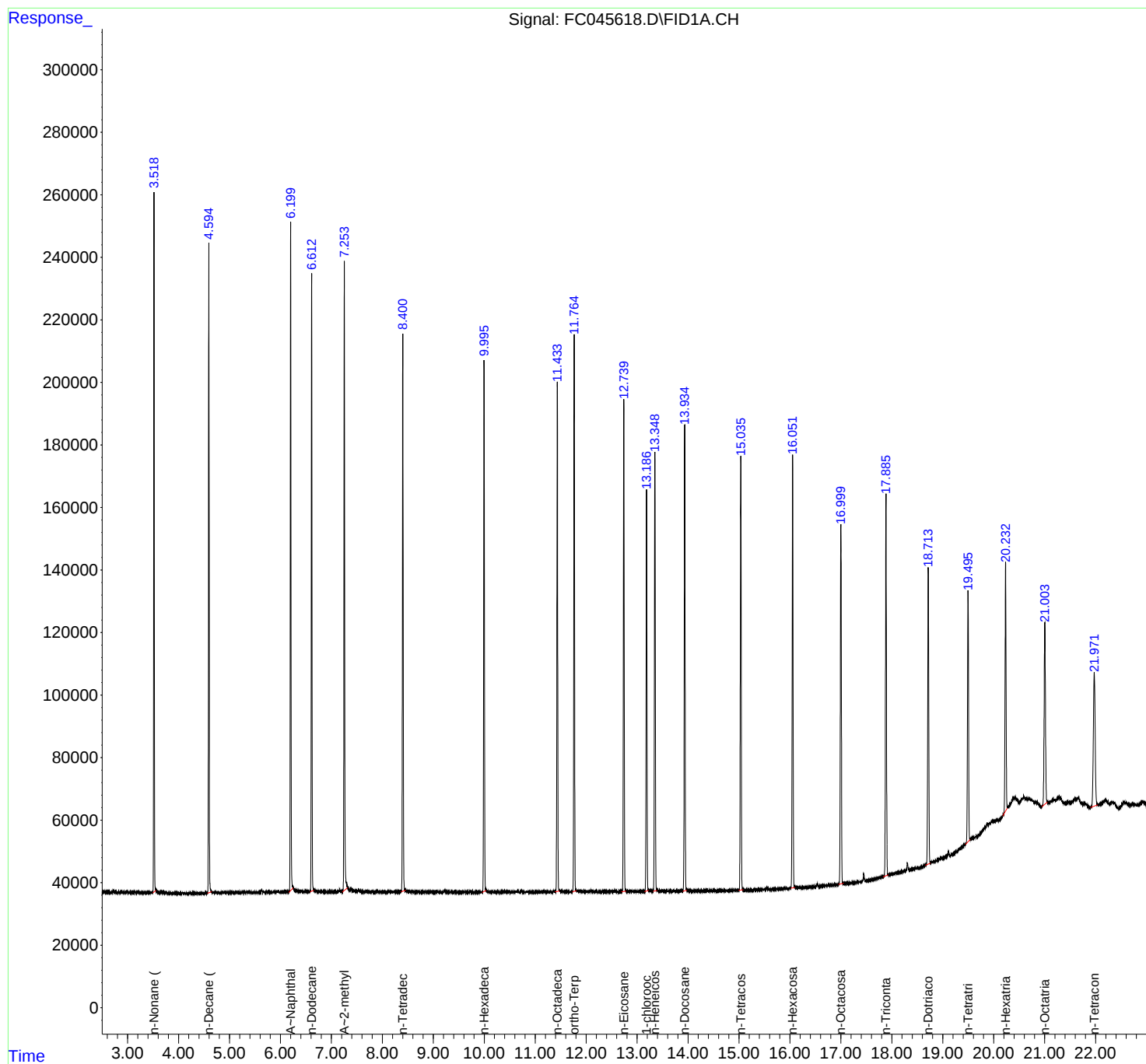
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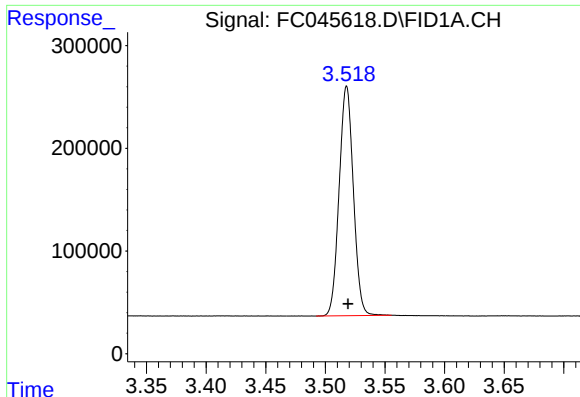
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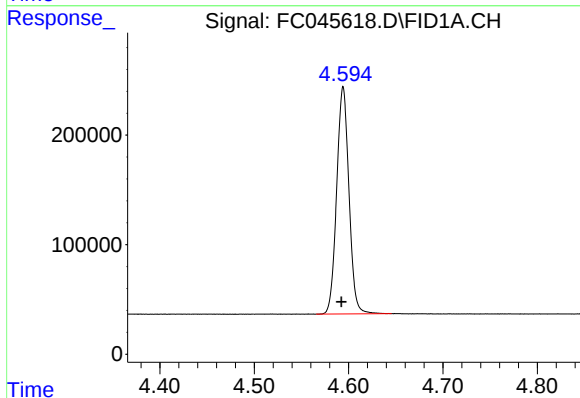




#1 n-Nonane (C9)

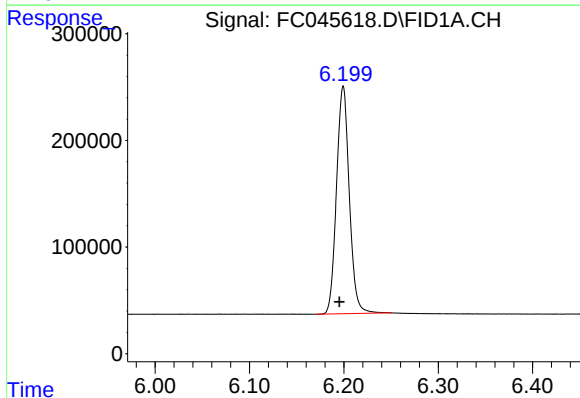
R.T.: 3.518 min
Delta R.T.: -0.001 min
Response: 1855528
Conc: 19.18 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



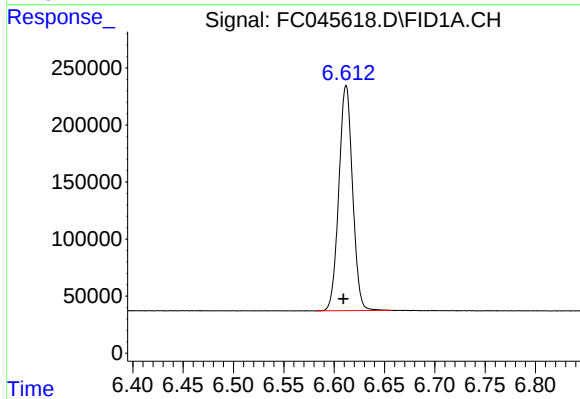
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: 0.002 min
Response: 1875318
Conc: 19.36 ug/ml



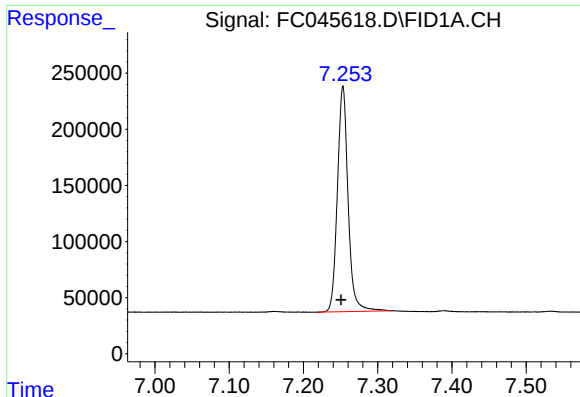
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: 0.004 min
Response: 2010775
Conc: 18.83 ug/ml



#4 n-Dodecane (C12)

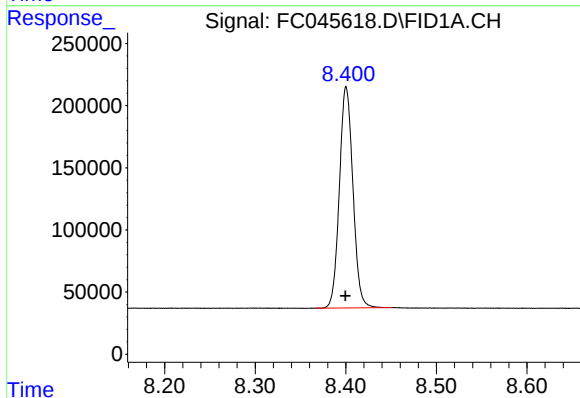
R.T.: 6.612 min
Delta R.T.: 0.003 min
Response: 1873136
Conc: 19.16 ug/ml



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

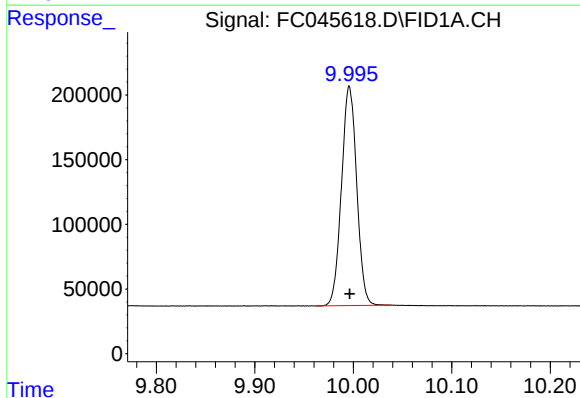
R.T.: 7.253 min
Delta R.T.: 0.003 min
Response: 2007220
Conc: 18.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



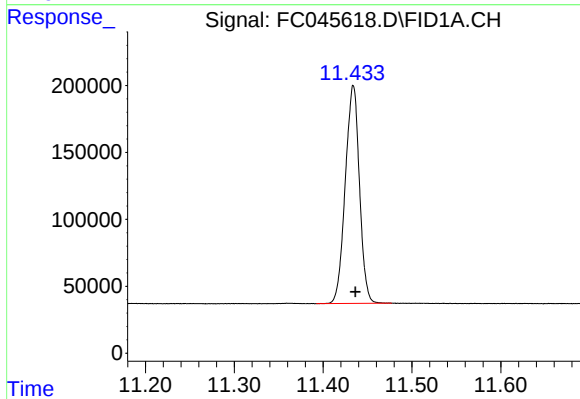
#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.001 min
Response: 1846608
Conc: 18.74 ug/ml



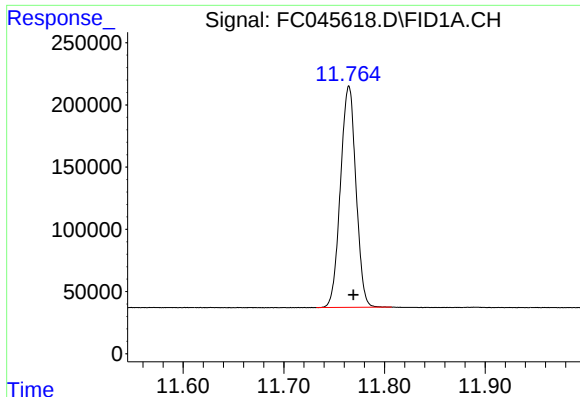
#7 n-Hexadecane (C16)

R.T.: 9.996 min
Delta R.T.: 0.000 min
Response: 1823385
Conc: 18.21 ug/ml



#8 n-Octadecane (C18)

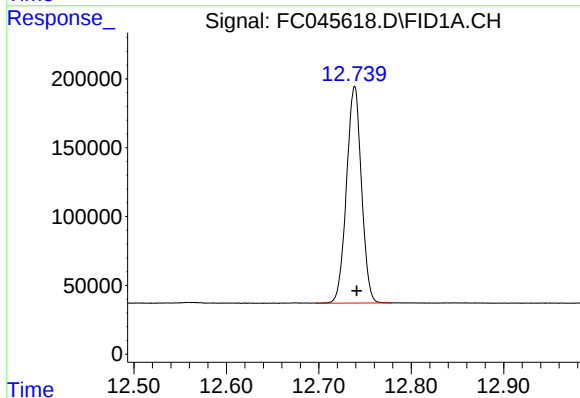
R.T.: 11.434 min
Delta R.T.: -0.002 min
Response: 1805813
Conc: 17.73 ug/ml



#9 ortho-Terphenyl (SURR)

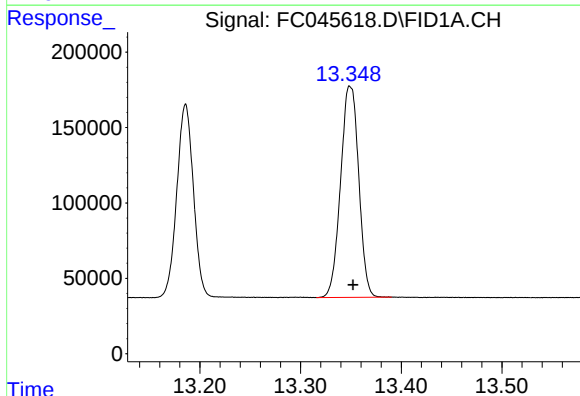
R.T.: 11.765 min
Delta R.T.: -0.004 min
Response: 1907827
Conc: 17.36 ug/ml

Instrument :
FID_C
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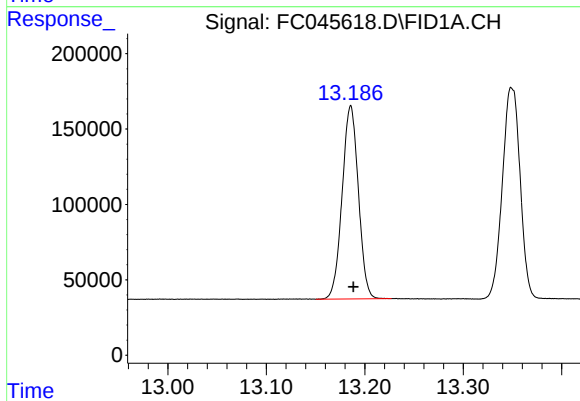
#10 n-Eicosane (C20)

R.T.: 12.739 min
Delta R.T.: -0.002 min
Response: 1771733
Conc: 17.28 ug/ml



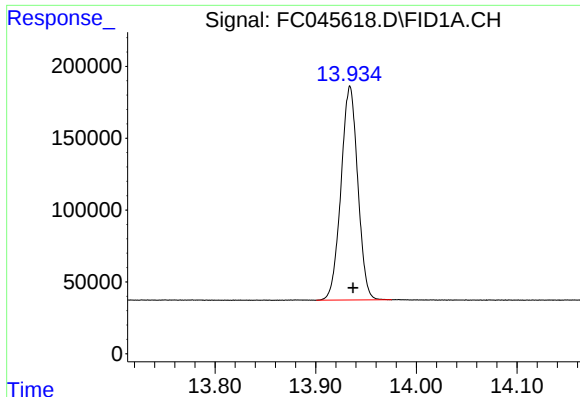
#11 n-Heneicosane (C21)

R.T.: 13.349 min
Delta R.T.: -0.003 min
Response: 1755774
Conc: 16.96 ug/ml



#12 1-chlorooctadecane (SURR)

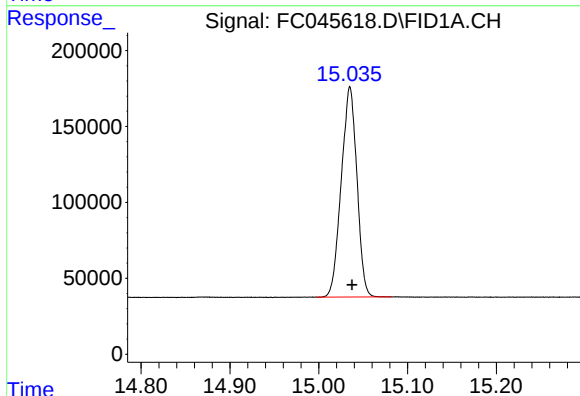
R.T.: 13.186 min
Delta R.T.: -0.003 min
Response: 1466885
Conc: 16.87 ug/ml



#13 n-Docosane (C22)

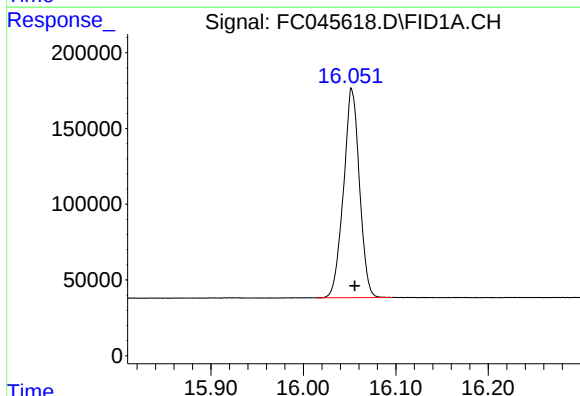
R.T.: 13.934 min
Delta R.T.: -0.003 min
Response: 1726047
Conc: 16.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



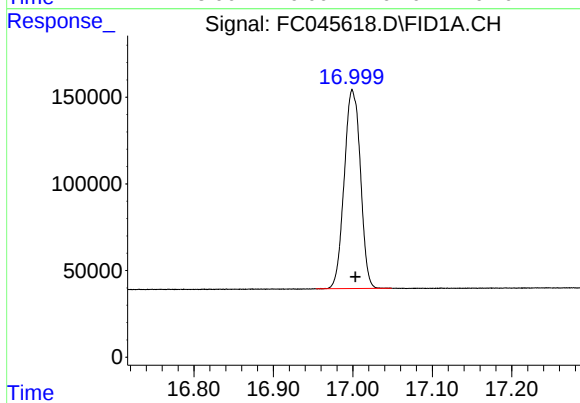
#14 n-Tetracosane (C24)

R.T.: 15.035 min
Delta R.T.: -0.002 min
Response: 1694654
Conc: 16.31 ug/ml



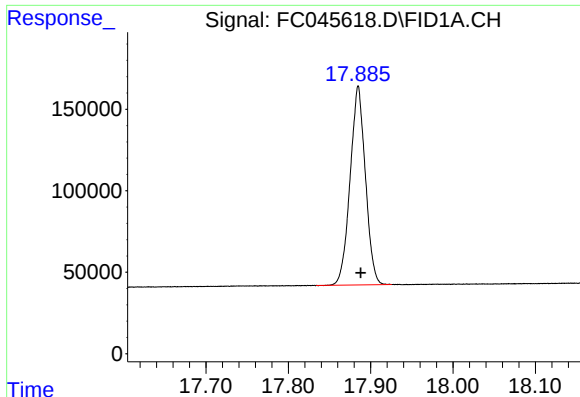
#15 n-Hexacosane (C26)

R.T.: 16.052 min
Delta R.T.: -0.003 min
Response: 1656075
Conc: 16.03 ug/ml



#16 n-Octacosane (C28)

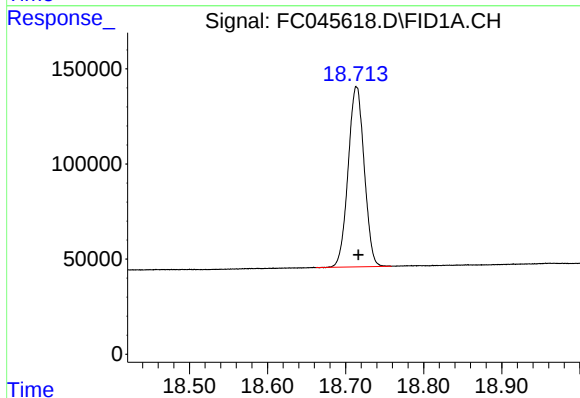
R.T.: 16.999 min
Delta R.T.: -0.004 min
Response: 1624684
Conc: 15.90 ug/ml



#17 n-Tricontane (C30)

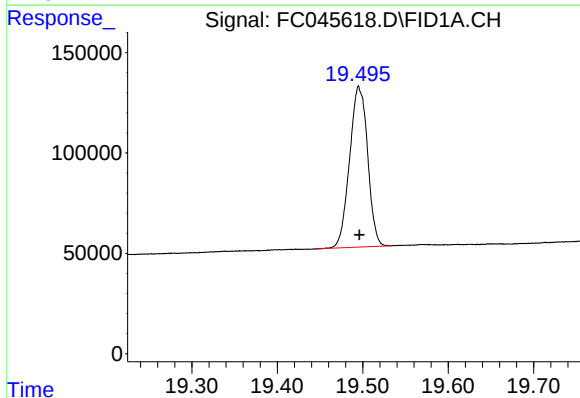
R.T.: 17.885 min
Delta R.T.: -0.003 min
Response: 1573078
Conc: 16.02 ug/ml

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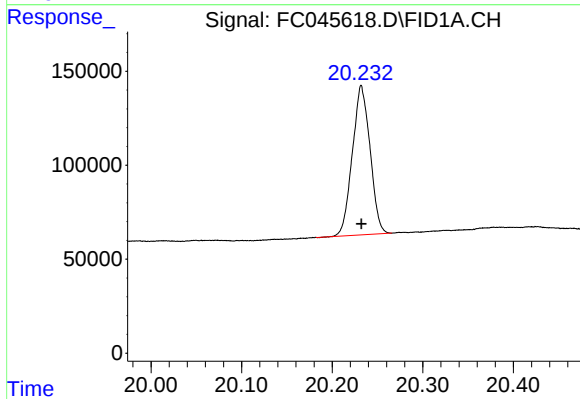
#18 n-Dotriacontane (C32)

R.T.: 18.714 min
Delta R.T.: -0.003 min
Response: 1353623
Conc: 16.27 ug/ml



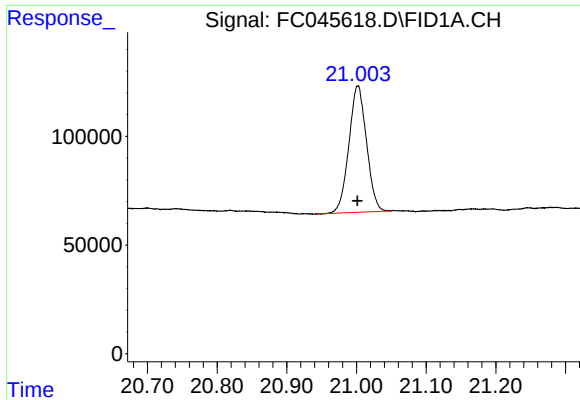
#19 n-Tetratriacontane (C34)

R.T.: 19.495 min
Delta R.T.: 0.000 min
Response: 1173367
Conc: 16.58 ug/ml



#20 n-Hexatriacontane (C36)

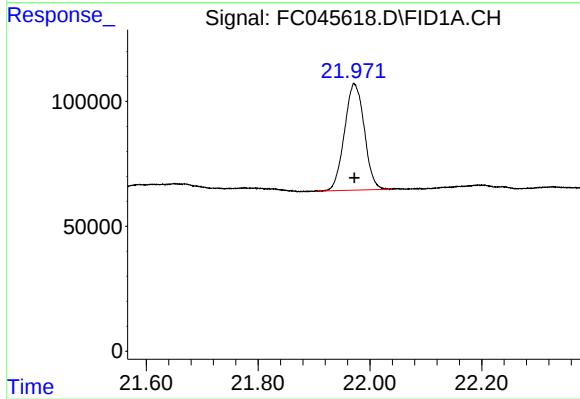
R.T.: 20.232 min
Delta R.T.: 0.000 min
Response: 1076816
Conc: 16.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.002 min
Delta R.T.: 0.000 min
Response: 1022001
Conc: 17.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: 0.000 min
Response: 1044670
Conc: 17.71 ug/ml