

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091924AL\
 Data File : FC067178.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2024 18:42
 Operator : YP/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: Sep 20 03:52:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.504	2426152	17.424 ug/ml
Spiked Amount 50.000		Recovery =	34.85%
12) S 1-chlorooctadecane (S...	12.943	1758642	18.003 ug/ml
Spiked Amount 50.000		Recovery =	36.01%
Target Compounds			
1) T n-Nonane (C9)	3.277	2243012	16.910 ug/ml
2) T n-Decane (C10)	4.342	2307492	17.181 ug/ml
3) T A~Naphthalene (C11.7)	5.921	2444322	17.198 ug/ml
4) T n-Dodecane (C12)	6.359	2315668	17.300 ug/ml
5) T A~2-methylnaphthalene...	6.977	2309122	17.292 ug/ml
6) T n-Tetradecane (C14)	8.152	2257742	17.519 ug/ml
7) T n-Hexadecane (C16)	9.752	2285482	17.727 ug/ml
8) T n-Octadecane (C18)	11.192	2281377	17.831 ug/ml
10) T n-Eicosane (C20)	12.500	2134385	17.770 ug/ml
11) T n-Heneicosane (C21)	13.112	2077462	17.787 ug/ml
13) T n-Docosane (C22)	13.696	2051343	17.767 ug/ml
14) T n-Tetracosane (C24)	14.799	2035693	17.926 ug/ml
15) T n-Hexacosane (C26)	15.819	1989791	17.954 ug/ml
16) T n-Octacosane (C28)	16.768	2008770	18.596 ug/ml
17) T n-Tricontane (C30)	17.654	2133980	19.618 ug/ml
18) T n-Dotriacontane (C32)	18.487	2093929	20.075 ug/ml
19) T n-Tetratriacontane (C34)	19.270	1828272	19.817 ug/ml
20) T n-Hexatriacontane (C36)	20.008	1502764	18.963 ug/ml
21) T n-Octatriacontane (C38)	20.735	1303955	17.359 ug/ml
22) T n-Tetracontane (C40)	21.623	1105091	15.818 ug/ml

(f)=RT Delta > 1/2 Window

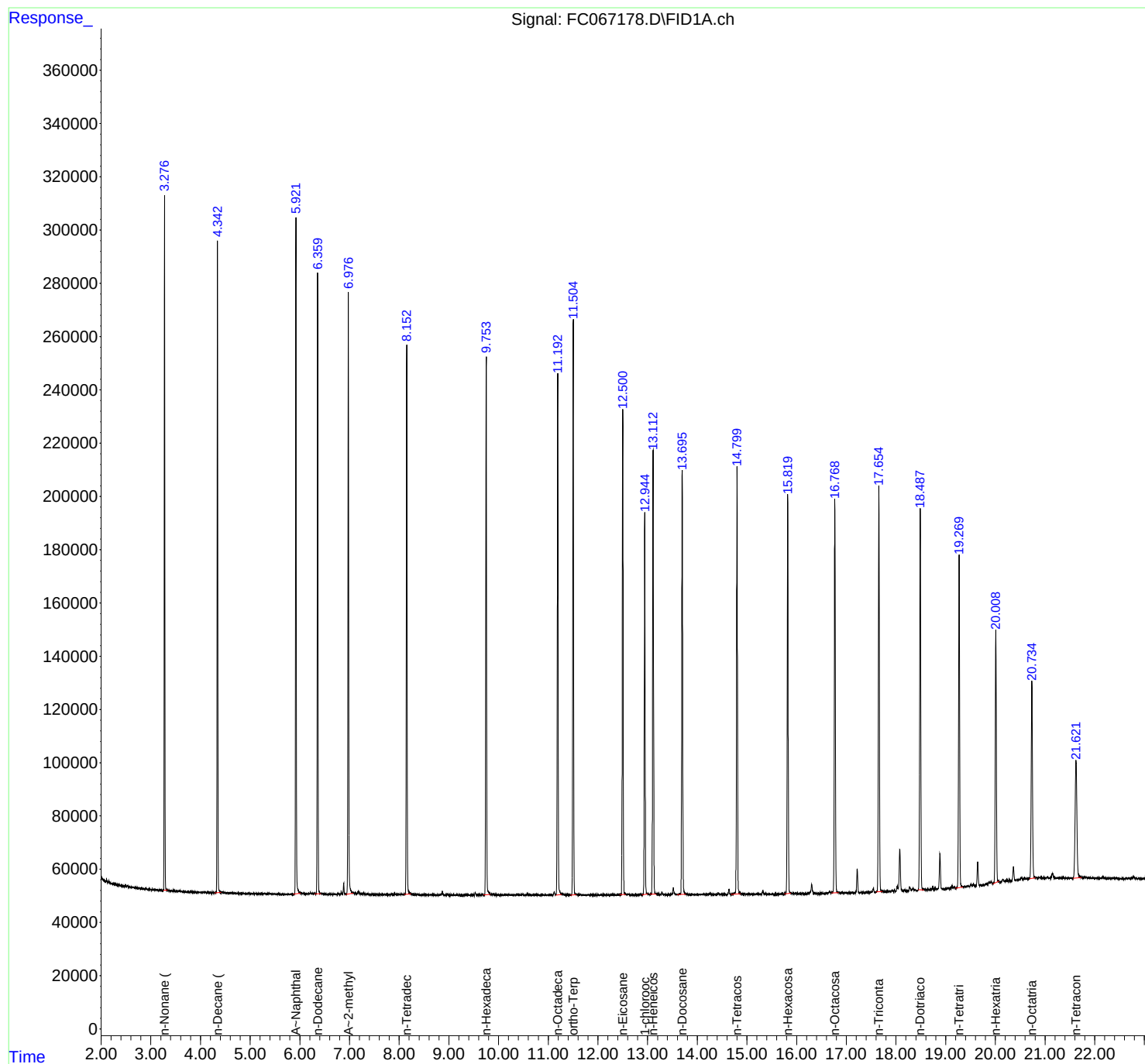
(m)=manual int.

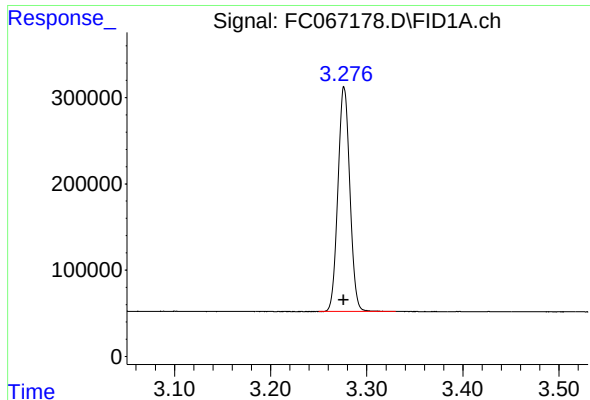
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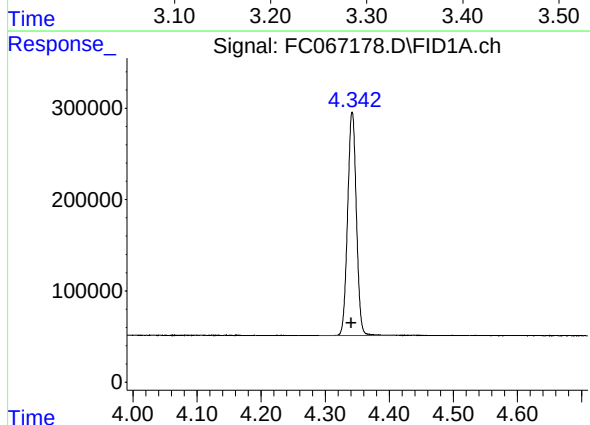




#1 n-Nonane (C9)

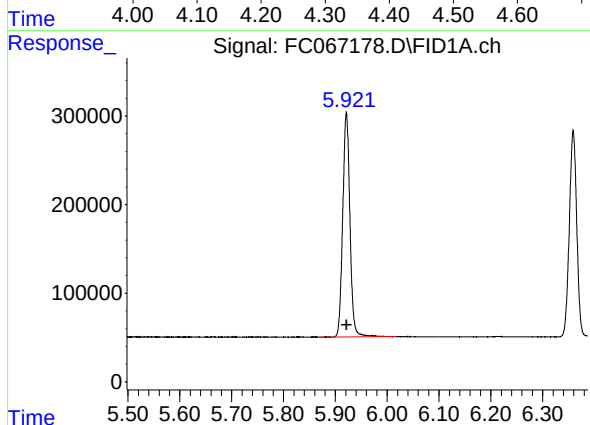
R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 2243012
Conc: 16.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



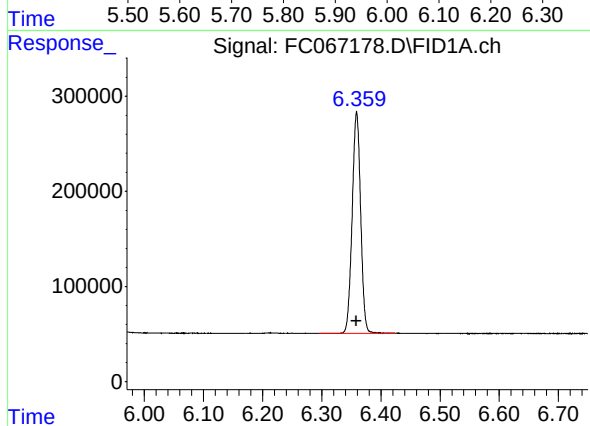
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: 0.001 min
Response: 2307492
Conc: 17.18 ug/ml



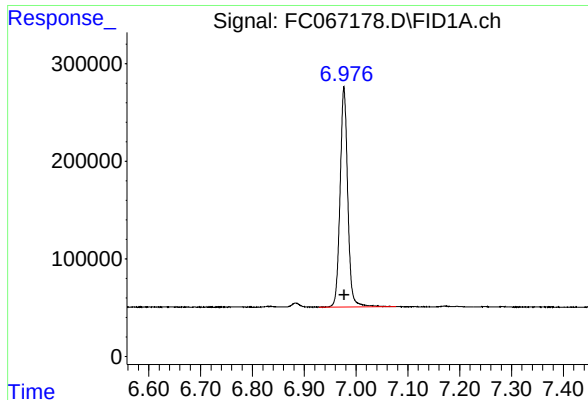
#3 A~Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 2444322
Conc: 17.20 ug/ml



#4 n-Dodecane (C12)

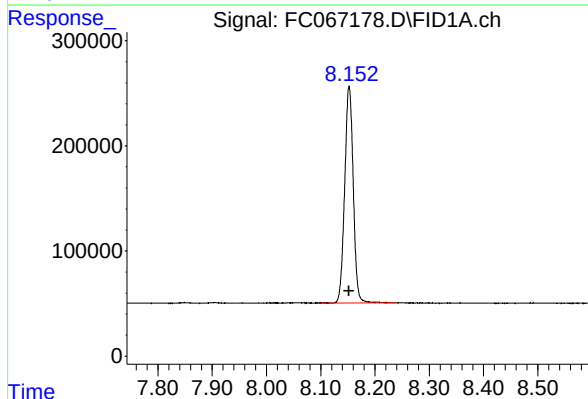
R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 2315668
Conc: 17.30 ug/ml



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

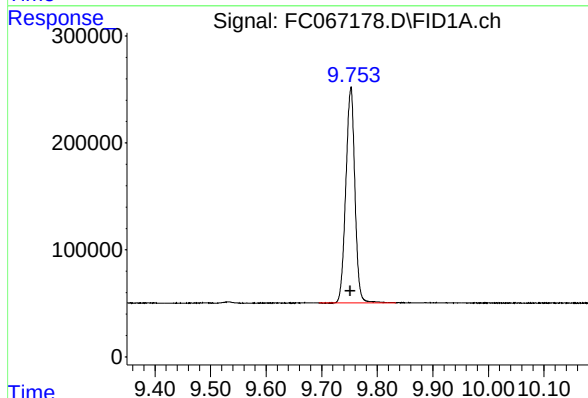
R.T.: 6.977 min
Delta R.T.: 0.000 min
Response: 2309122
Conc: 17.29 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



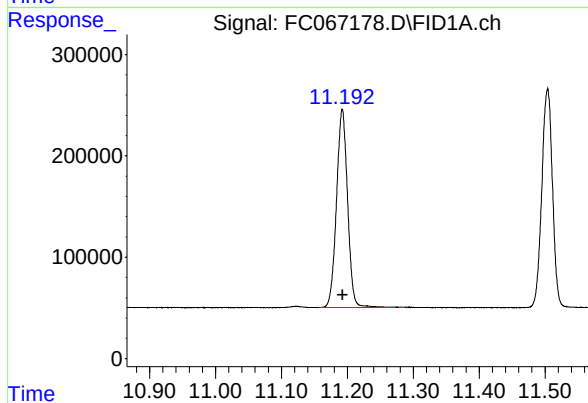
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 2257742
Conc: 17.52 ug/ml



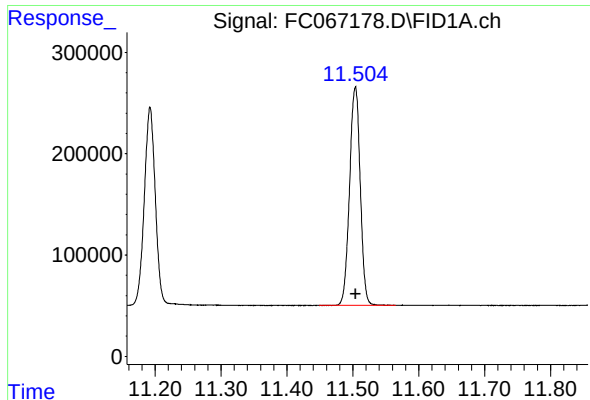
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.000 min
Response: 2285482
Conc: 17.73 ug/ml



#8 n-Octadecane (C18)

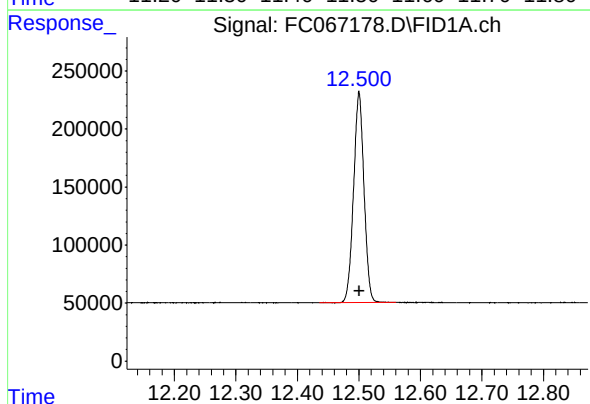
R.T.: 11.192 min
Delta R.T.: 0.000 min
Response: 2281377
Conc: 17.83 ug/ml



#9 ortho-Terphenyl (SURR)

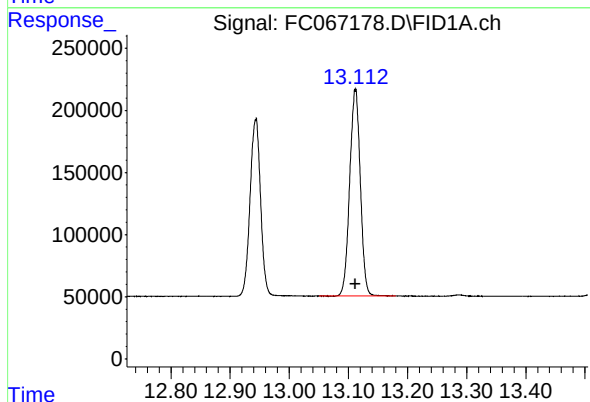
R.T.: 11.504 min
Delta R.T.: 0.000 min
Response: 2426152
Conc: 17.42 ug/ml

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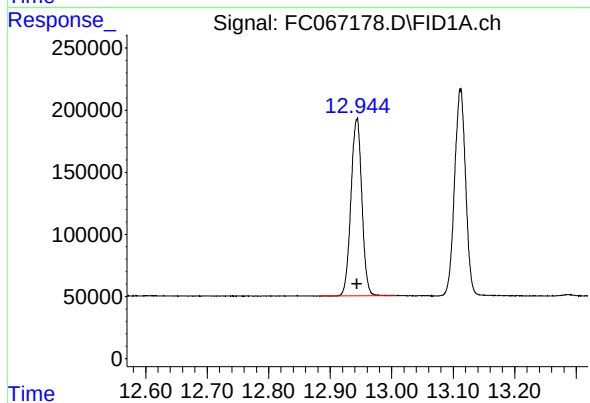
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: 0.000 min
Response: 2134385
Conc: 17.77 ug/ml



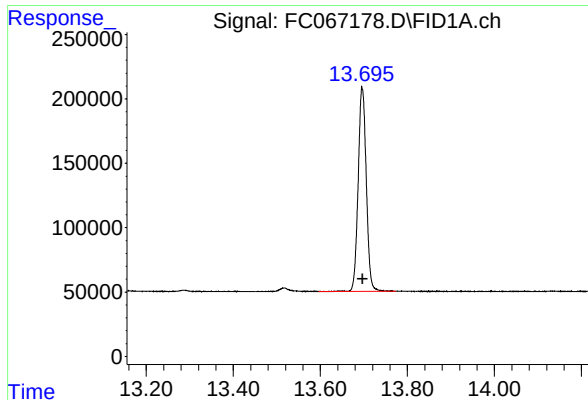
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.000 min
Response: 2077462
Conc: 17.79 ug/ml



#12 1-chlorooctadecane (SURR)

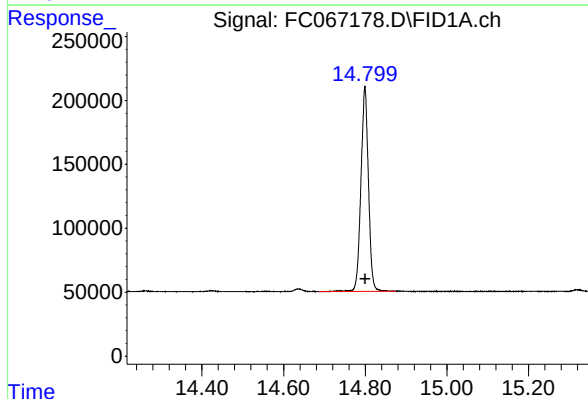
R.T.: 12.943 min
Delta R.T.: 0.000 min
Response: 1758642
Conc: 18.00 ug/ml



#13 n-Docosane (C22)

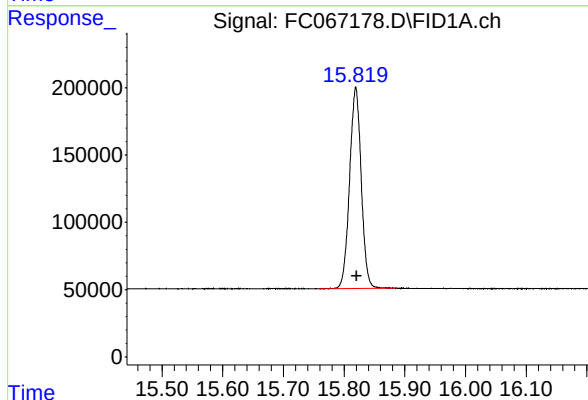
R.T.: 13.696 min
Delta R.T.: 0.000 min
Response: 2051343
Conc: 17.77 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



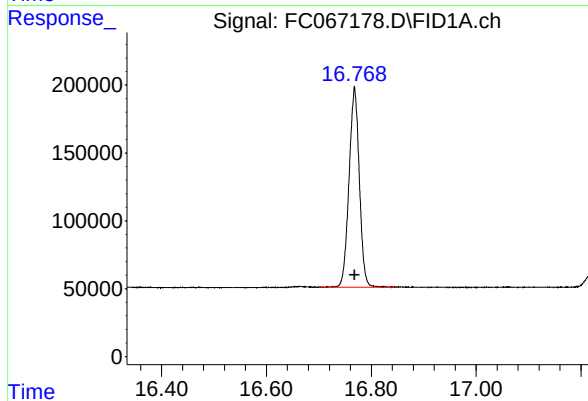
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: -0.002 min
Response: 2035693
Conc: 17.93 ug/ml



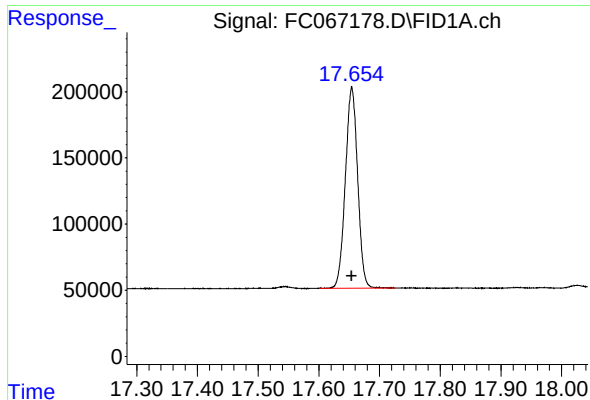
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: -0.001 min
Response: 1989791
Conc: 17.95 ug/ml



#16 n-Octacosane (C28)

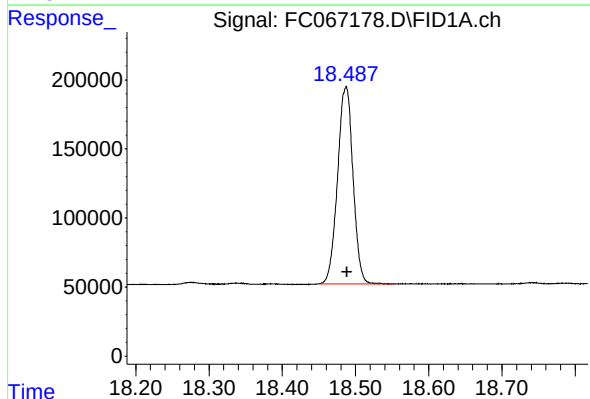
R.T.: 16.768 min
Delta R.T.: 0.000 min
Response: 2008770
Conc: 18.60 ug/ml



#17 n-Tricontane (C30)

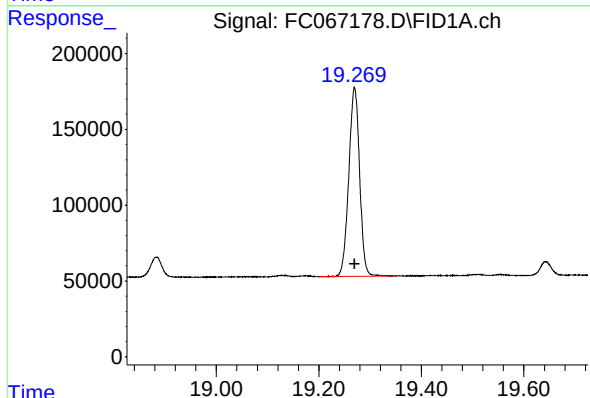
R.T.: 17.654 min
Delta R.T.: 0.000 min
Response: 2133980
Conc: 19.62 ug/ml

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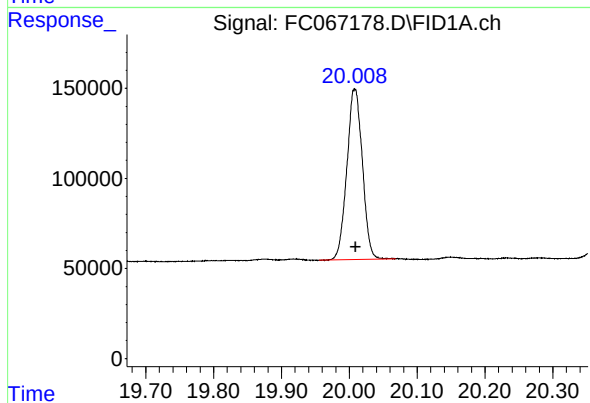
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: -0.002 min
Response: 2093929
Conc: 20.07 ug/ml



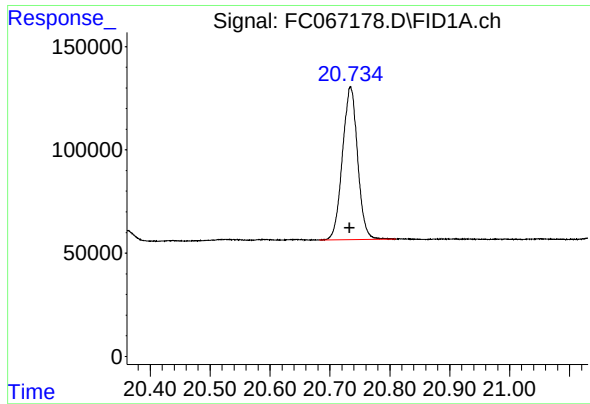
#19 n-Tetatriacontane (C34)

R.T.: 19.270 min
Delta R.T.: 0.000 min
Response: 1828272
Conc: 19.82 ug/ml



#20 n-Hexatriacontane (C36)

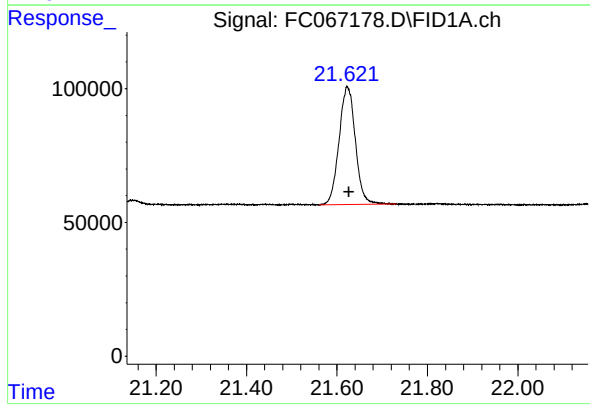
R.T.: 20.008 min
Delta R.T.: -0.001 min
Response: 1502764
Conc: 18.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: 0.001 min
Response: 1303955
Conc: 17.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.623 min
Delta R.T.: -0.004 min
Response: 1105091
Conc: 15.82 ug/ml