

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041825AL\
 Data File : FC068636.D
 Signal(s) : FID1A.ch
 Acq On : 18 Apr 2025 16:11
 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: Apr 19 00:24:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 2025
 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

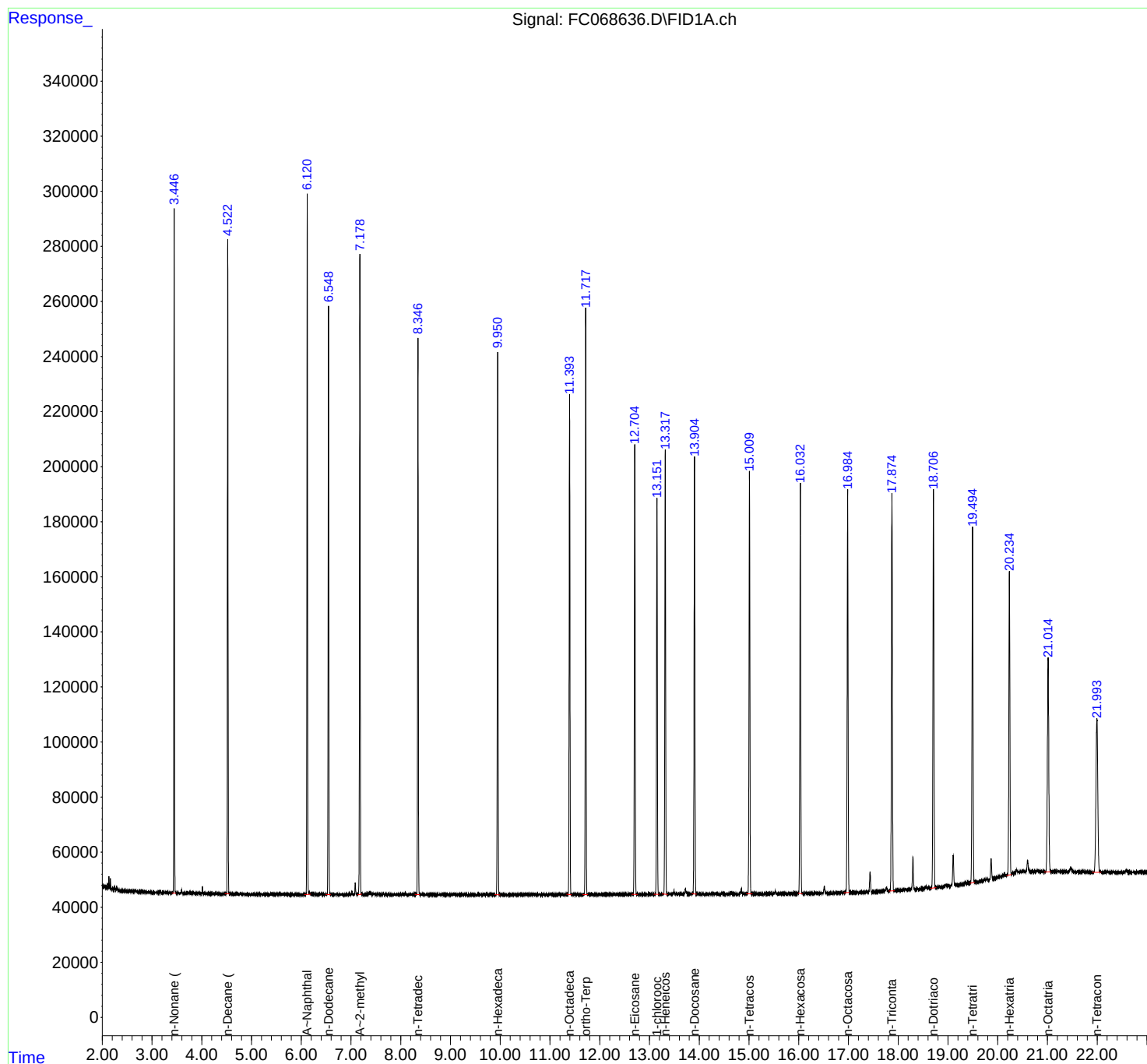
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.718	2321528	18.231 ug/ml
Spiked Amount 50.000		Recovery =	36.46%
12) S 1-chlorooctadecane (S...	13.151	1699027	18.290 ug/ml
Spiked Amount 50.000		Recovery =	36.58%
Target Compounds			
1) T n-Nonane (C9)	3.446	2072380	19.676 ug/ml
2) T n-Decane (C10)	4.522	2112231	20.048 ug/ml
3) T A~Naphthalene (C11.7)	6.120	2327247	19.983 ug/ml
4) T n-Dodecane (C12)	6.548	2092341	19.896 ug/ml
5) T A~2-methylnaphthalene...	7.179	2224841	19.263 ug/ml
6) T n-Tetradecane (C14)	8.346	2035100	19.796 ug/ml
7) T n-Hexadecane (C16)	9.950	2057156	20.200 ug/ml
8) T n-Octadecane (C18)	11.394	2041706	20.289 ug/ml
10) T n-Eicosane (C20)	12.704	1945528	19.780 ug/ml
11) T n-Heneicosane (C21)	13.317	1908411	19.582 ug/ml
13) T n-Docosane (C22)	13.905	1895703	19.625 ug/ml
14) T n-Tetracosane (C24)	15.009	1898210	19.942 ug/ml
15) T n-Hexacosane (C26)	16.032	1885603	20.187 ug/ml
16) T n-Octacosane (C28)	16.984	1903359	20.789 ug/ml
17) T n-Tricontane (C30)	17.873	2015306	21.922 ug/ml
18) T n-Dotriacontane (C32)	18.708	1996942	21.770 ug/ml
19) T n-Tetratriacontane (C34)	19.494	1850629	20.715 ug/ml
20) T n-Hexatriacontane (C36)	20.235	1632045	18.219 ug/ml
21) T n-Octatriacontane (C38)	21.013	1497470	16.937 ug/ml
22) T n-Tetracontane (C40)	21.994	1429516	16.188 ug/ml

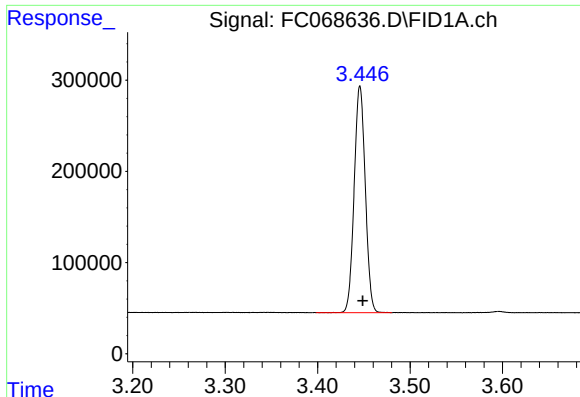
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

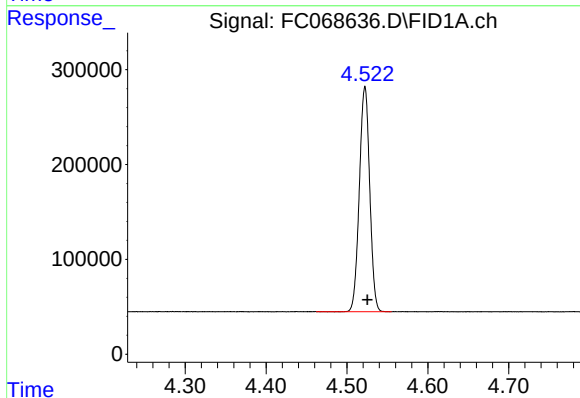




#1 n-Nonane (C9)

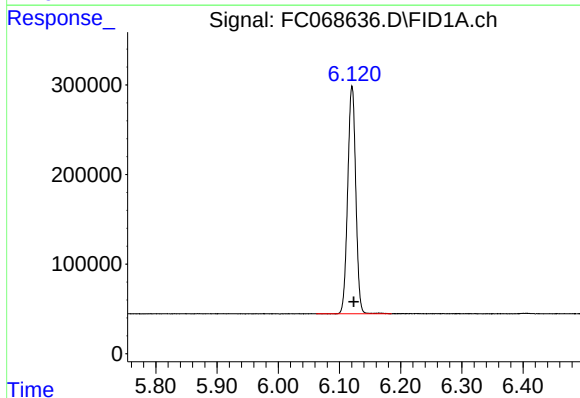
R.T.: 3.446 min
Delta R.T.: -0.003 min
Response: 2072380
Conc: 19.68 ug/ml

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20 PPM ALIPHATIC HC STD



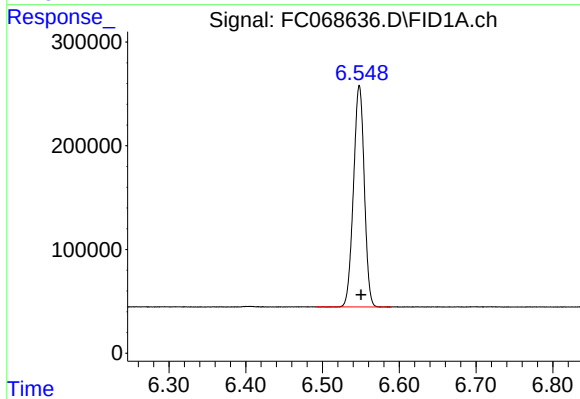
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 2112231
Conc: 20.05 ug/ml



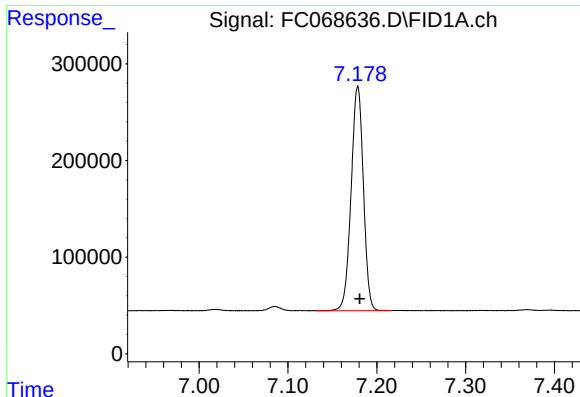
#3 A~Naphthalene (C11.7)

R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 2327247
Conc: 19.98 ug/ml



#4 n-Dodecane (C12)

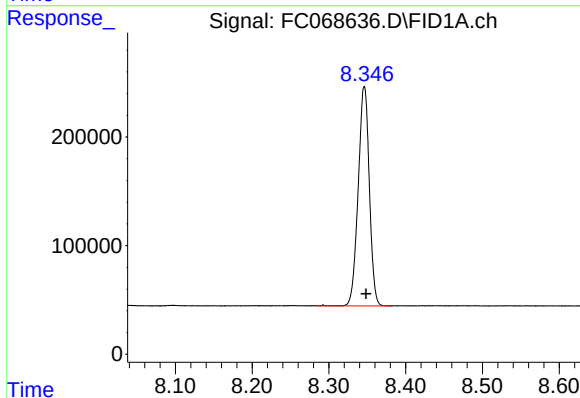
R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 2092341
Conc: 19.90 ug/ml



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

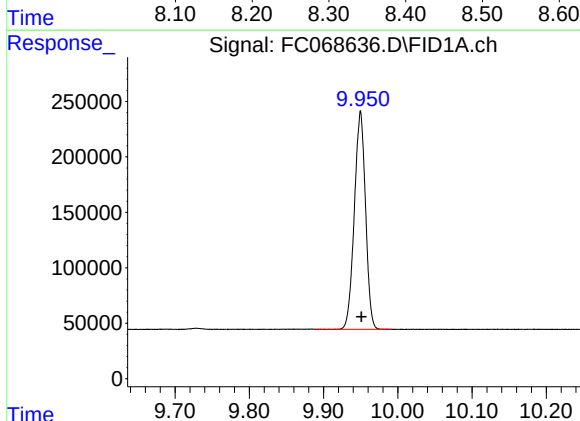
R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 2224841
Conc: 19.26 ug/ml

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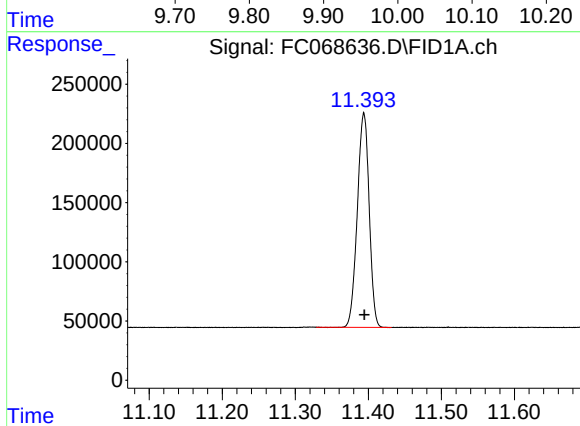
#6 n-Tetradecane (C14)

R.T.: 8.346 min
Delta R.T.: -0.002 min
Response: 2035100
Conc: 19.80 ug/ml



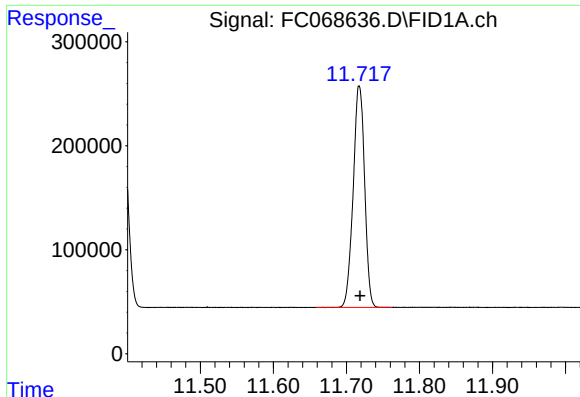
#7 n-Hexadecane (C16)

R.T.: 9.950 min
Delta R.T.: -0.001 min
Response: 2057156
Conc: 20.20 ug/ml



#8 n-Octadecane (C18)

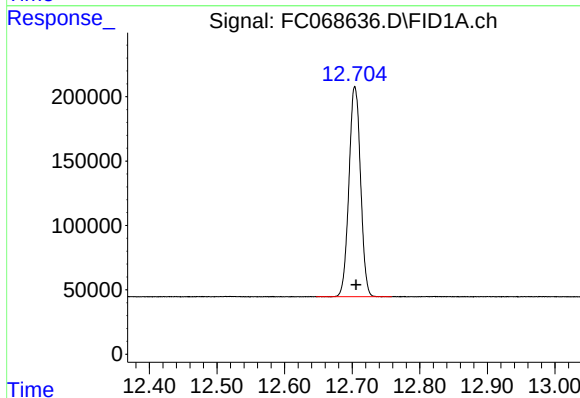
R.T.: 11.394 min
Delta R.T.: 0.000 min
Response: 2041706
Conc: 20.29 ug/ml



#9 ortho-Terphenyl (SURR)

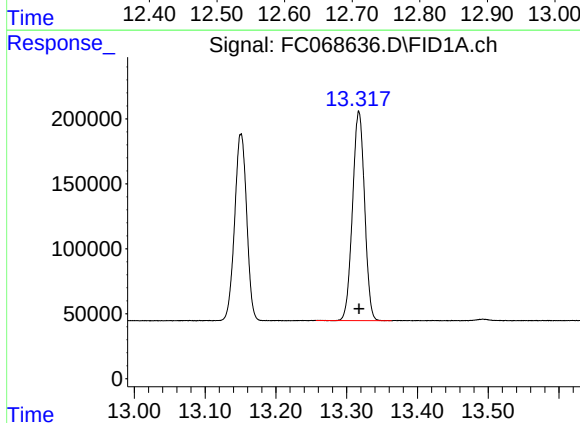
R.T.: 11.718 min
Delta R.T.: 0.000 min
Response: 2321528
Conc: 18.23 ug/ml

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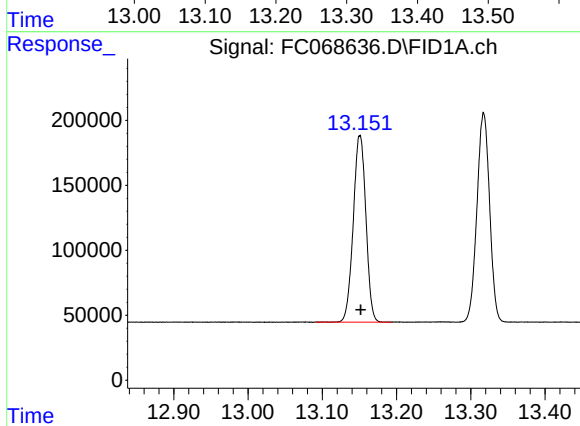
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: -0.001 min
Response: 1945528
Conc: 19.78 ug/ml



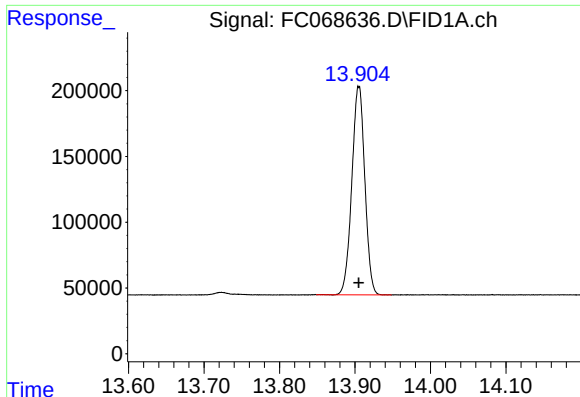
#11 n-Heneicosane (C21)

R.T.: 13.317 min
Delta R.T.: 0.000 min
Response: 1908411
Conc: 19.58 ug/ml



#12 1-chlorooctadecane (SURR)

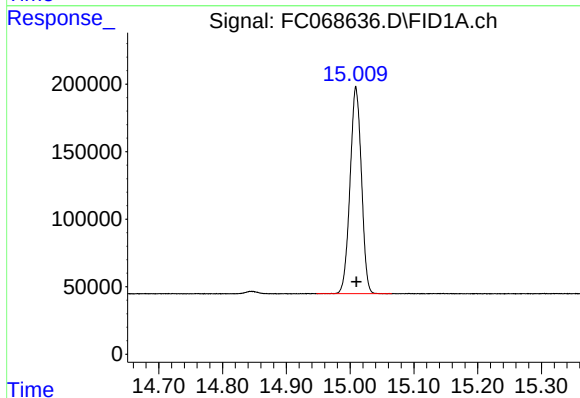
R.T.: 13.151 min
Delta R.T.: -0.001 min
Response: 1699027
Conc: 18.29 ug/ml



#13 n-Docosane (C22)

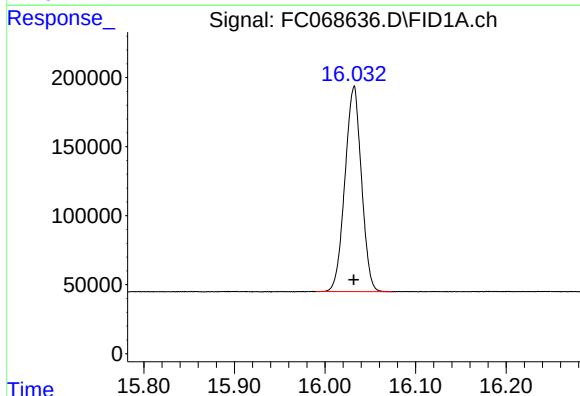
R.T.: 13.905 min
Delta R.T.: 0.000 min
Response: 1895703
Conc: 19.63 ug/ml

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20 PPM ALIPHATIC HC STD



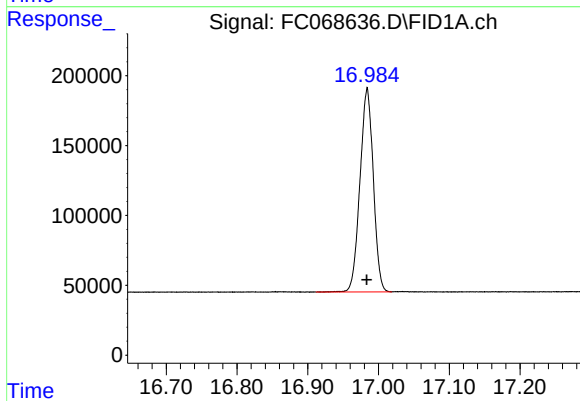
#14 n-Tetracosane (C24)

R.T.: 15.009 min
Delta R.T.: 0.000 min
Response: 1898210
Conc: 19.94 ug/ml



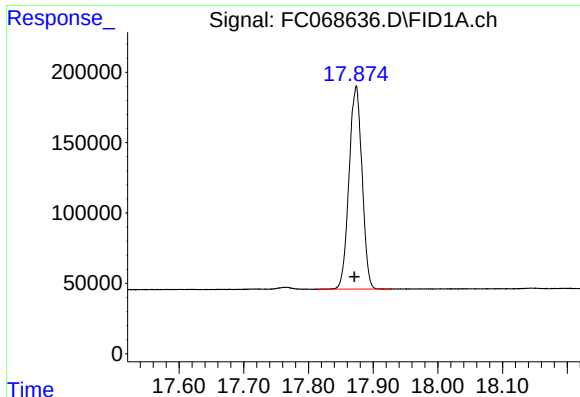
#15 n-Hexacosane (C26)

R.T.: 16.032 min
Delta R.T.: 0.000 min
Response: 1885603
Conc: 20.19 ug/ml



#16 n-Octacosane (C28)

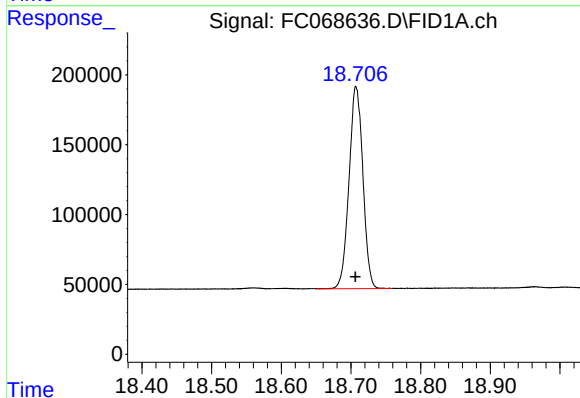
R.T.: 16.984 min
Delta R.T.: 0.000 min
Response: 1903359
Conc: 20.79 ug/ml



#17 n-Tricontane (C30)

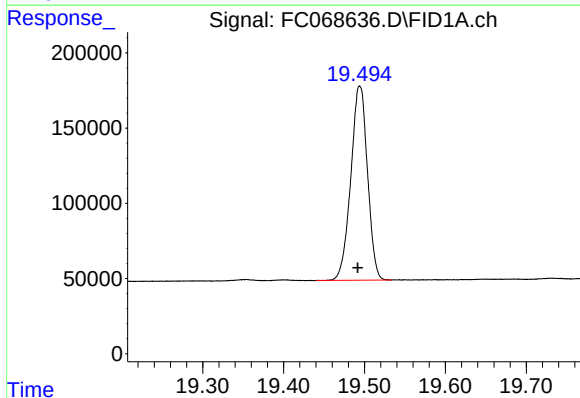
R.T.: 17.873 min
Delta R.T.: 0.002 min
Response: 2015306
Conc: 21.92 ug/ml

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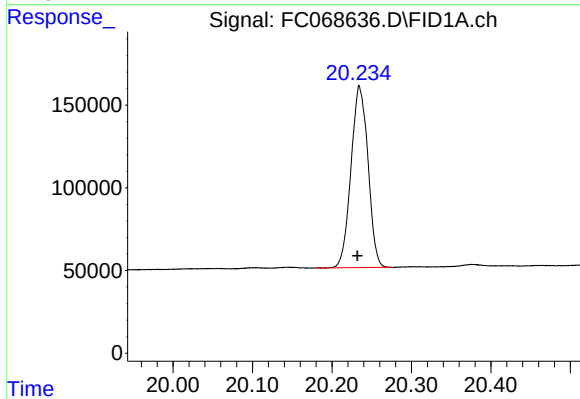
#18 n-Dotriacontane (C32)

R.T.: 18.708 min
Delta R.T.: 0.001 min
Response: 1996942
Conc: 21.77 ug/ml



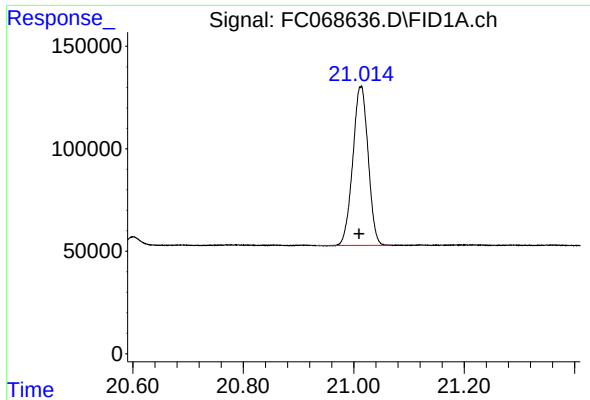
#19 n-Tetratriacontane (C34)

R.T.: 19.494 min
Delta R.T.: 0.003 min
Response: 1850629
Conc: 20.71 ug/ml



#20 n-Hexatriacontane (C36)

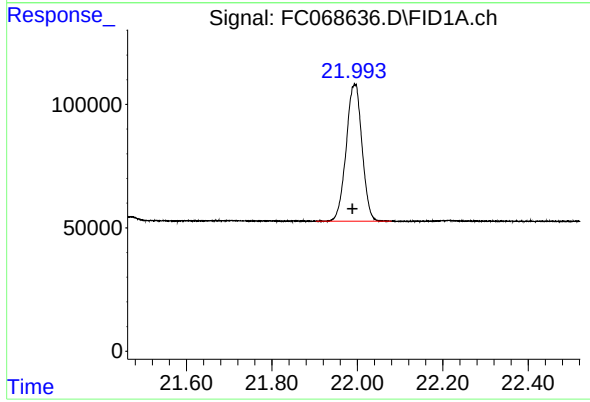
R.T.: 20.235 min
Delta R.T.: 0.003 min
Response: 1632045
Conc: 18.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.013 min
Delta R.T.: 0.003 min
Response: 1497470
Conc: 16.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: 0.005 min
Response: 1429516
Conc: 16.19 ug/ml